

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072324\  
 Data File : BF138619.D  
 Acq On : 23 Jul 2024 15:31  
 Operator : RC/JU  
 Sample : P3302-03MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 23 16:03:52 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     | 6.857  | 152  | 76825    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.134  | 136  | 312912   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.892  | 164  | 168716   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.375 | 188  | 259776   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.010 | 240  | 114661   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.474 | 264  | 147152   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 745967   | 153.782 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.499  | 99   | 985163   | 152.667 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 665644   | 104.443 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 235407   | 149.292 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 1099273  | 101.831 | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.957 | 244  | 779291   | 110.723 | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.881  | 88   | 95328    | 44.372  | ng    | # 80     |
| 3) Pyridine                   | 3.575  | 79   | 226066   | 42.669  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.505  | 42   | 182574   | 52.936  | ng    | 90       |
| 6) Aniline                    | 6.522  | 93   | 162397   | 26.868  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.646  | 128  | 306772   | 59.809  | ng    | 97       |
| 9) Benzaldehyde               | 6.410  | 77   | 14448    | 4.183   | ng    | 94       |
| 10) Phenol                    | 6.516  | 94   | 385296   | 56.252  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 304034   | 58.955  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 300056   | 52.043  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 301227   | 51.450  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 292924   | 53.718  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 298074   | 61.550  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128  | 45   | 525525   | 51.820  | ng    | 73       |
| 17) 2-Methylphenol            | 7.116  | 107  | 252781   | 60.133  | ng    | # 92     |
| 18) Hexachloroethane          | 7.363  | 117  | 113786   | 52.866  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 238189   | 59.736  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 320985   | 60.637  | ng    | 90       |
| 22) Acetophenone              | 7.269  | 105  | 393821   | 51.820  | ng    | 99       |
| 24) Nitrobenzene              | 7.440  | 77   | 360232   | 55.620  | ng    | 99       |
| 25) Isophorone                | 7.681  | 82   | 643928   | 58.834  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 164440   | 59.239  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.793  | 122  | 227990   | 66.825  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.887  | 93   | 378487   | 57.863  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 252622   | 57.020  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 263010   | 50.959  | ng    | 98       |
| 31) Naphthalene               | 8.157  | 128  | 891333   | 54.771  | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 151605   | 46.590  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 67374    | 11.799  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 151614   | 47.704  | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 41040    | 28.706  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 294946   | 59.465  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 576847   | 55.081  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 530838   | 51.937  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.016  | 216  | 236825   | 50.365  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.998  | 237  | 174668   | 114.442 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.134  | 196  | 172995   | 57.675  | ng    | 99       |

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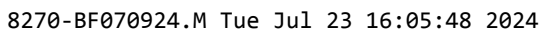
Instrument :  
 BNA\_F  
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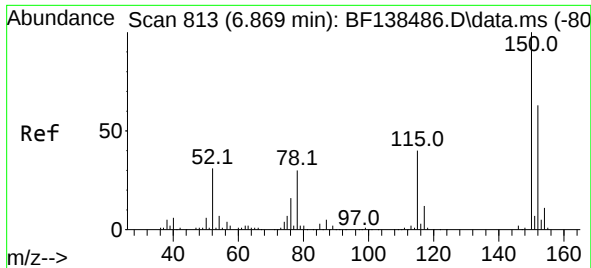
Quant Time: Jul 23 16:03:52 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:58:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 181466   | 55.006 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 678795   | 53.089 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.339  | 162  | 534048   | 55.288 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.440  | 65   | 201555   | 60.215 | ng    | 97       |
| 49) Acenaphthylene            | 9.757  | 152  | 836792   | 61.018 | ng    | 100      |
| 50) Dimethylphthalate         | 9.616  | 163  | 643304   | 58.967 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.681  | 165  | 138686   | 55.212 | ng    | 88       |
| 52) Acenaphthene              | 9.928  | 154  | 526285   | 57.732 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 66956    | 26.007 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 124340   | 91.520 | ng    | 91       |
| 55) Dibenzofuran              | 10.098 | 168  | 746110   | 56.428 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 186851   | 98.362 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.087 | 165  | 178878   | 55.039 | ng    | 93       |
| 58) Fluorene                  | 10.439 | 166  | 576625   | 55.115 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 143498   | 55.115 | ng    | 97       |
| 60) Diethylphthalate          | 10.316 | 149  | 602567   | 57.294 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.434 | 204  | 281400   | 53.564 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 131554   | 50.993 | ng    | 99       |
| 63) Azobenzene                | 10.592 | 77   | 658204   | 58.210 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 92538    | 61.693 | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 495084   | 63.610 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248  | 163709   | 61.314 | ng    | 100      |
| 68) Hexachlorobenzene         | 10.986 | 284  | 172049   | 58.004 | ng    | 98       |
| 69) Atrazine                  | 11.081 | 200  | 147890   | 57.312 | ng    | 97       |
| 70) Pentachlorophenol         | 11.186 | 266  | 175374   | 99.918 | ng    | 98       |
| 71) Phenanthrene              | 11.404 | 178  | 778673   | 59.331 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 780235   | 59.890 | ng    | 99       |
| 73) Carbazole                 | 11.610 | 167  | 637547   | 54.455 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 850288   | 63.007 | ng    | 100      |
| 75) Fluoranthene              | 12.586 | 202  | 595971   | 44.503 | ng    | 97       |
| 77) Benzidine                 | 12.710 | 184  | 115073   | 39.778 | ng    | 99       |
| 78) Pyrene                    | 12.816 | 202  | 565632   | 48.595 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 220994   | 63.115 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 468737   | 60.924 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 75901    | 38.286 | ng    | # 99     |
| 83) Chrysene                  | 14.039 | 228  | 427383   | 58.720 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 288185   | 77.172 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 533147   | 90.375 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 348180   | 35.226 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 484101   | 58.416 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 485579   | 60.079 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.416 | 252  | 446735   | 61.365 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.957 | 278  | 289595   | 35.817 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.380 | 276  | 245637   | 28.650 | ng    | 96       |

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

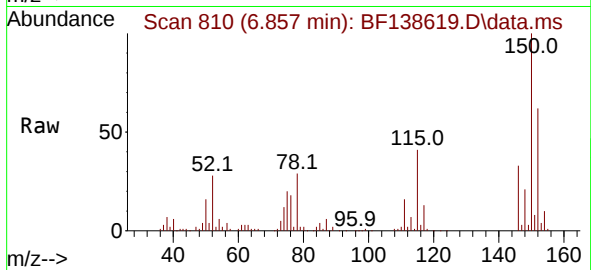
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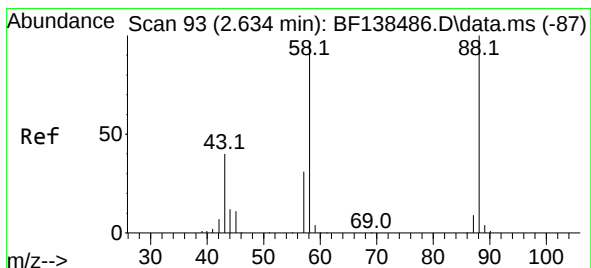
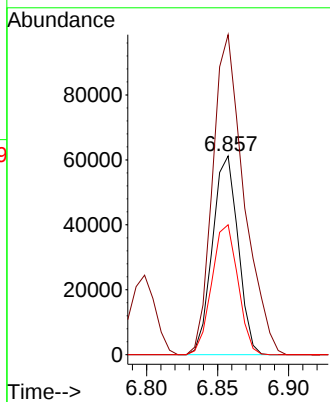
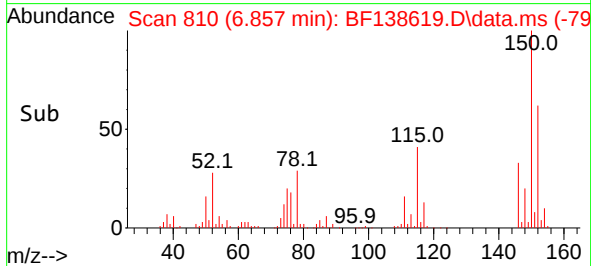


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BF138619.D  
 Acq: 23 Jul 2024 15:31

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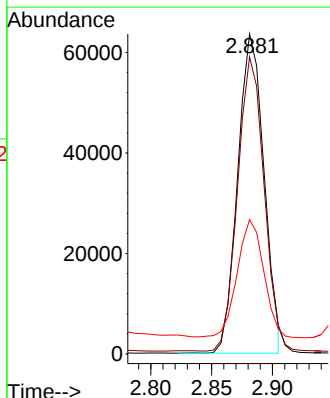
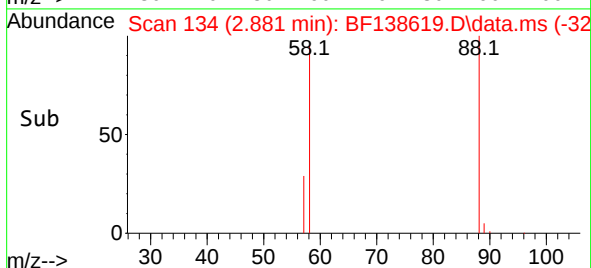
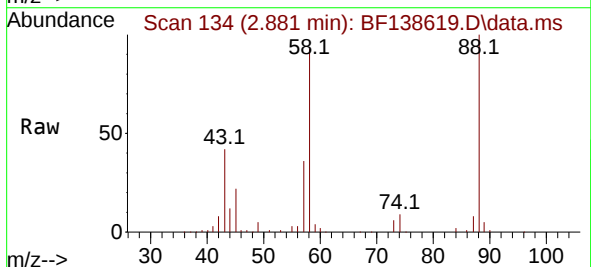


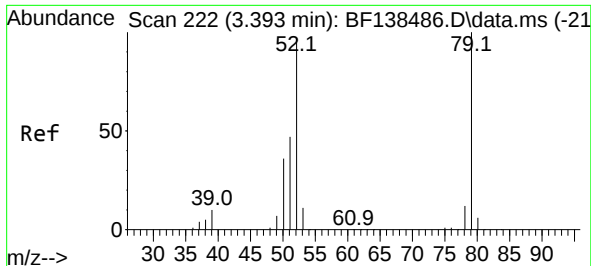
Tgt Ion:152 Resp: 76825  
 Ion Ratio Lower Upper  
 152 100  
 150 161.1 126.2 189.4  
 115 65.4 50.3 75.5



#2  
 1,4-Dioxane  
 Concen: 44.372 ng  
 RT: 2.881 min Scan# 134  
 Delta R.T. 0.247 min  
 Lab File: BF138619.D  
 Acq: 23 Jul 2024 15:31

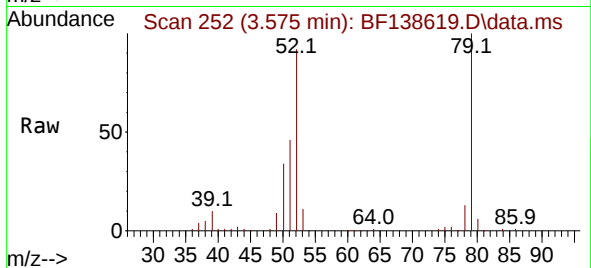
Tgt Ion: 88 Resp: 95328  
 Ion Ratio Lower Upper  
 88 100  
 58 92.0 74.6 112.0  
 43 0.0 31.8 47.6#



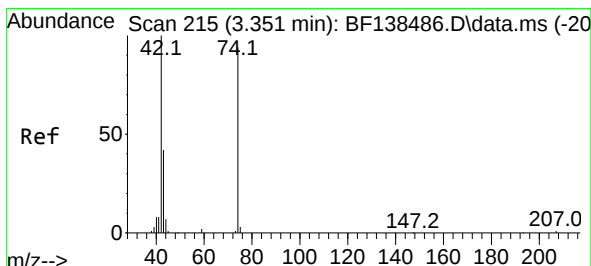
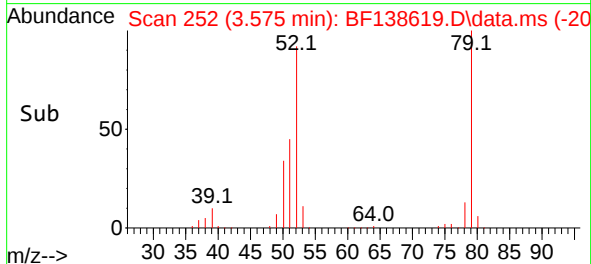
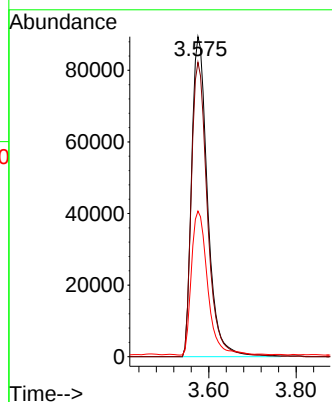


#3  
Pyridine  
Concen: 42.669 ng  
RT: 3.575 min Scan# 21  
Delta R.T. 0.183 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

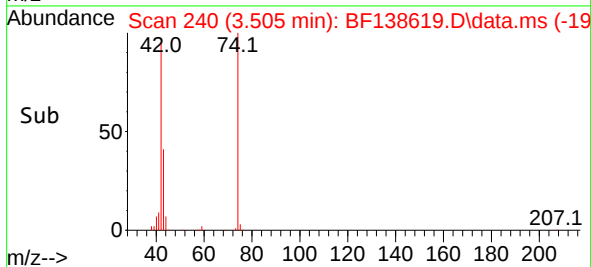
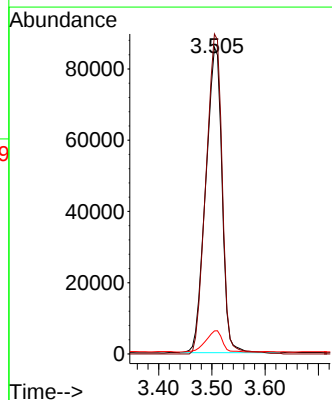
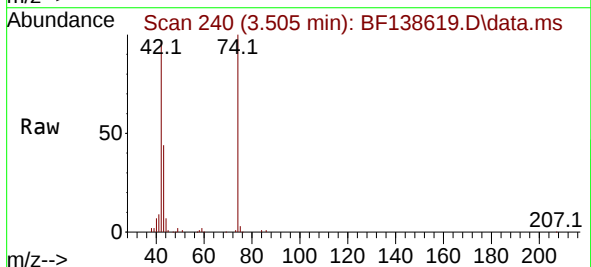


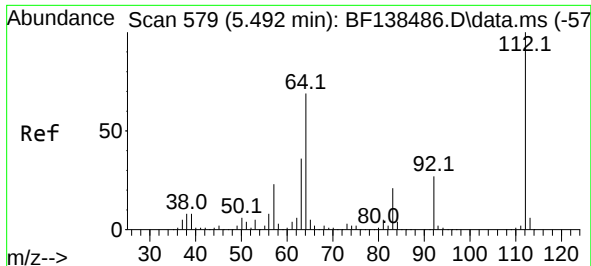
Tgt Ion: 79 Resp: 226066  
Ion Ratio Lower Upper  
79 100  
52 92.0 77.4 116.2  
51 45.5 37.4 56.0



#4  
n-Nitrosodimethylamine  
Concen: 52.936 ng  
RT: 3.505 min Scan# 240  
Delta R.T. 0.153 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion: 42 Resp: 182574  
Ion Ratio Lower Upper  
42 100  
74 104.3 75.0 112.6  
44 7.5 5.4 8.2

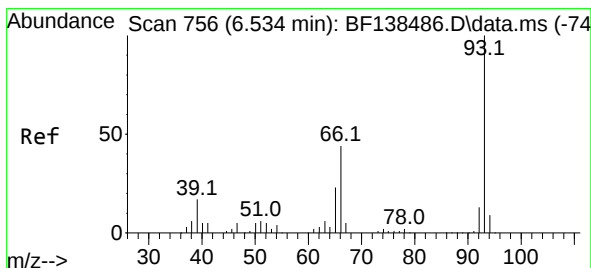
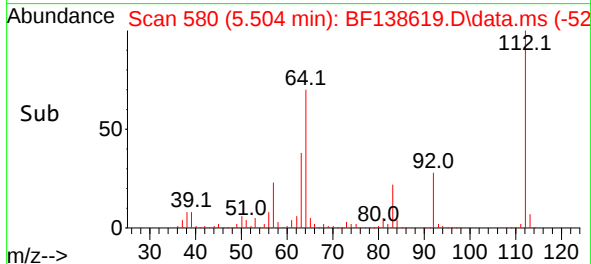
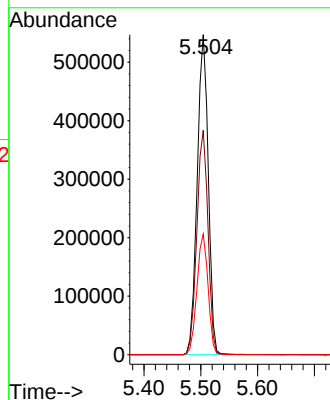
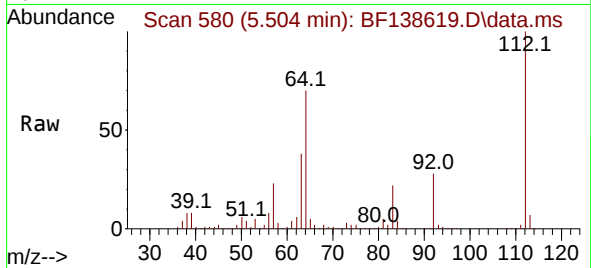




#5  
2-Fluorophenol  
Concen: 153.782 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

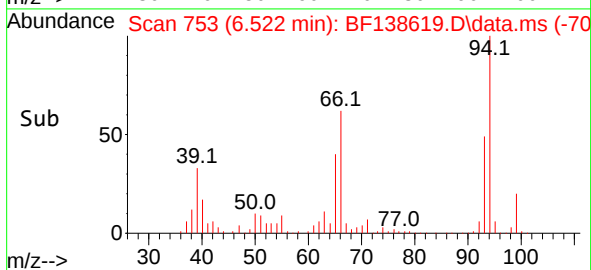
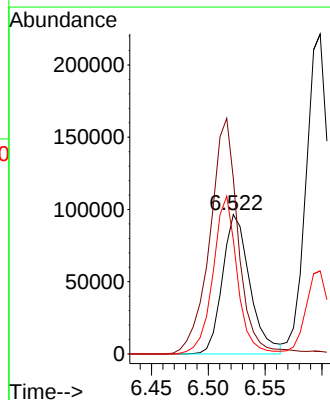
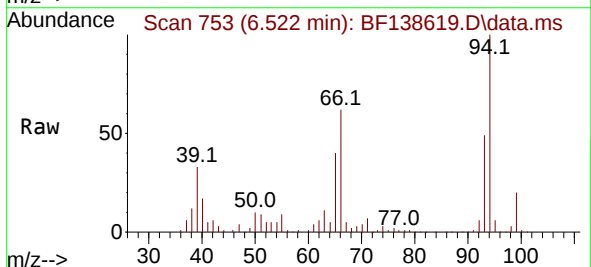
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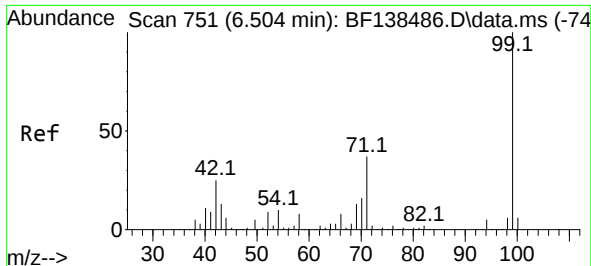
Tgt Ion:112 Resp: 745967  
Ion Ratio Lower Upper  
112 100  
64 70.1 55.1 82.7  
63 37.7 29.0 43.6



#6  
Aniline  
Concen: 26.868 ng  
RT: 6.522 min Scan# 753  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

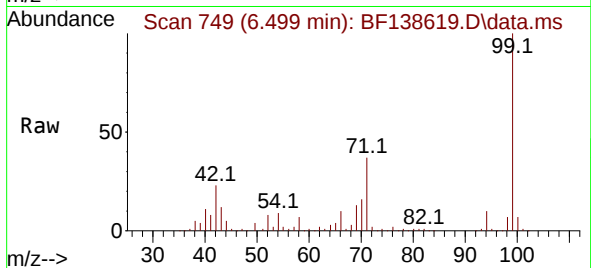
Tgt Ion: 93 Resp: 162397  
Ion Ratio Lower Upper  
93 100  
66 126.0 35.4 53.0#  
65 82.1 18.6 27.8#



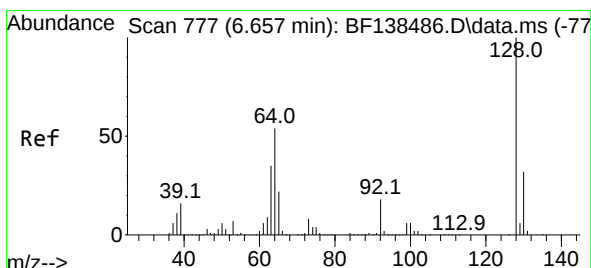
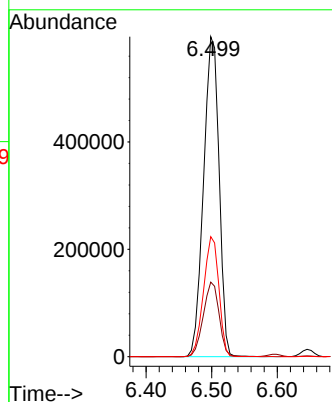
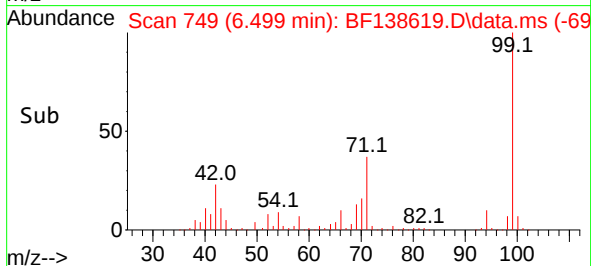


#7  
Phenol-d6  
Concen: 152.667 ng  
RT: 6.499 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

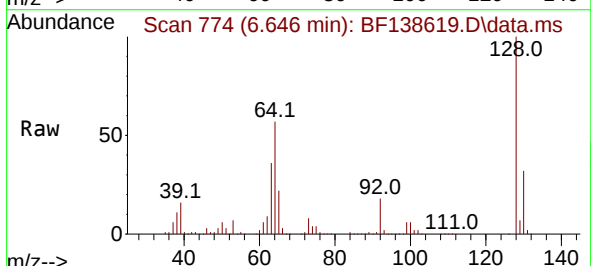
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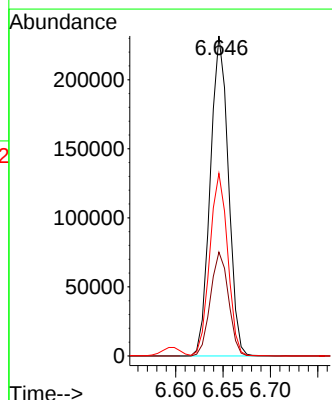
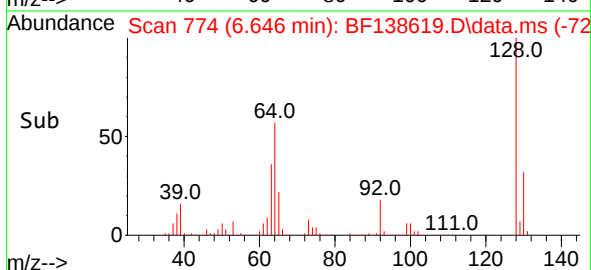
Tgt Ion: 99 Resp: 985163  
Ion Ratio Lower Upper  
99 100  
42 23.3 19.7 29.5  
71 37.5 29.9 44.9



#8  
2-Chlorophenol  
Concen: 59.809 ng  
RT: 6.646 min Scan# 774  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31



Tgt Ion: 128 Resp: 306772  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.1 52.1  
64 57.0 34.4 74.4





#9

Benzaldehyde

Concen: 4.183 ng

RT: 6.410 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

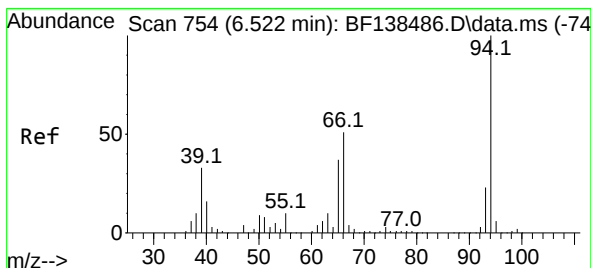
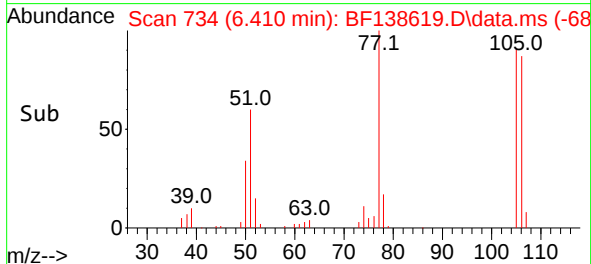
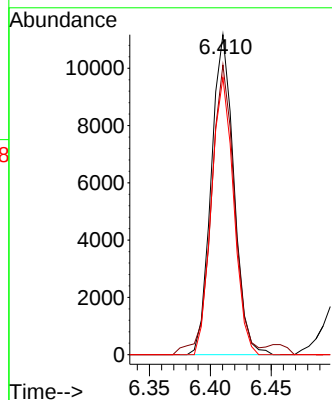
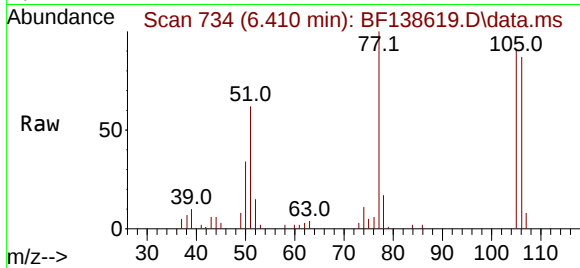
Tgt Ion: 77 Resp: 14448

Ion Ratio Lower Upper

77 100

105 90.5 75.1 115.1

106 86.6 73.2 113.2



#10

Phenol

Concen: 56.252 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

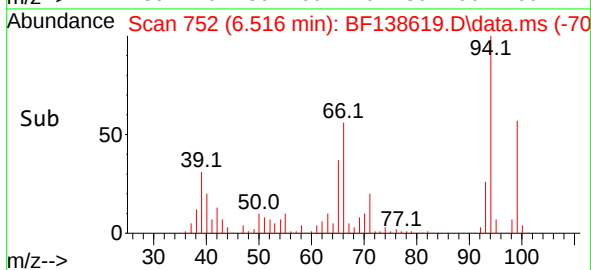
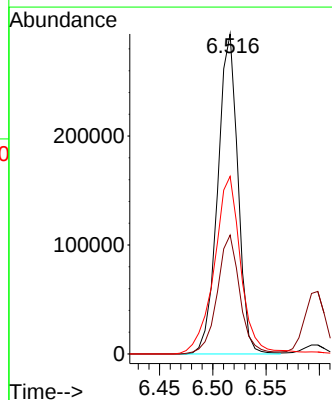
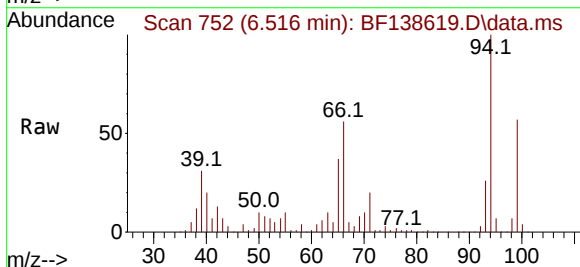
Tgt Ion: 94 Resp: 385296

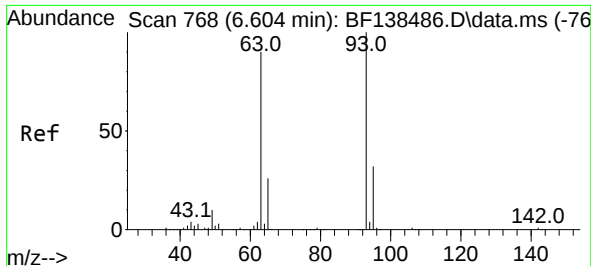
Ion Ratio Lower Upper

94 100

65 37.2 16.7 56.7

66 55.5 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 58.955 ng

RT: 6.598 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

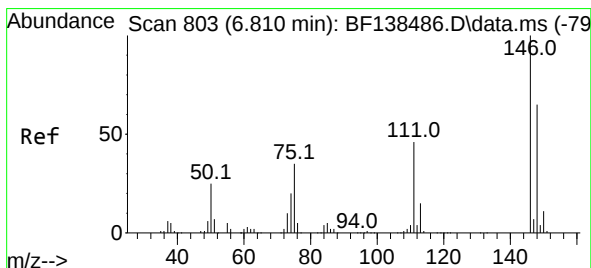
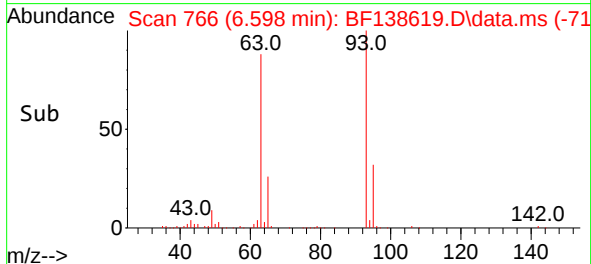
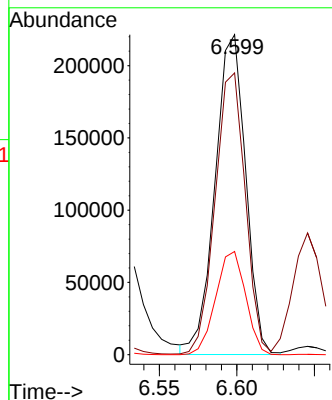
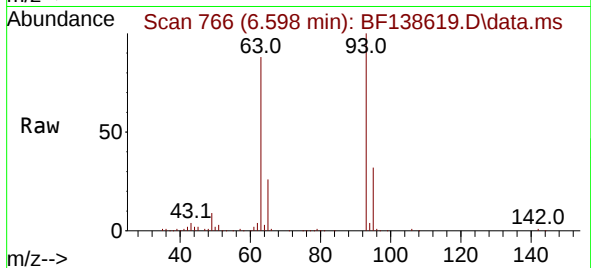
Tgt Ion: 93 Resp: 304034

Ion Ratio Lower Upper

93 100

63 88.1 68.8 108.8

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 52.043 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

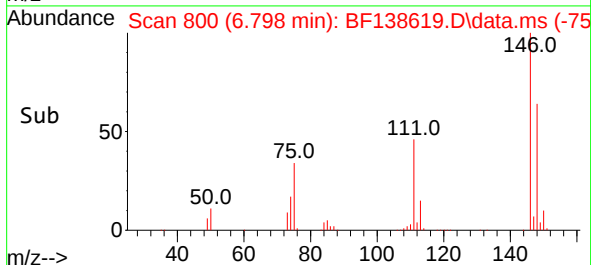
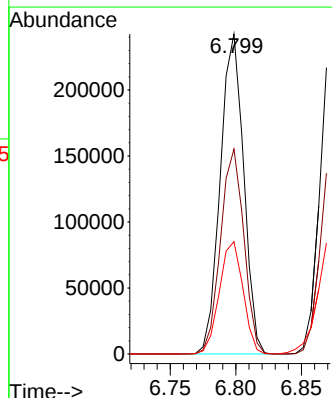
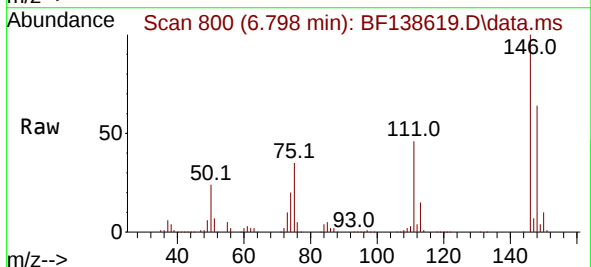
Tgt Ion:146 Resp: 300056

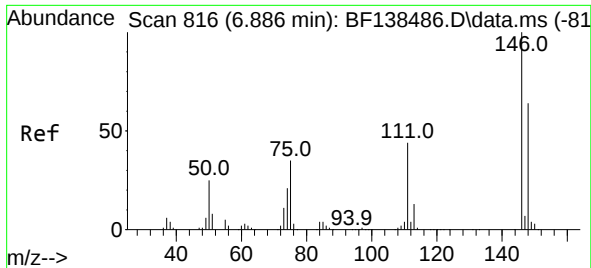
Ion Ratio Lower Upper

146 100

148 64.0 52.4 78.6

75 35.1 27.8 41.8

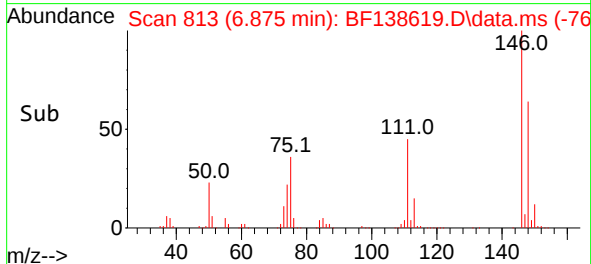
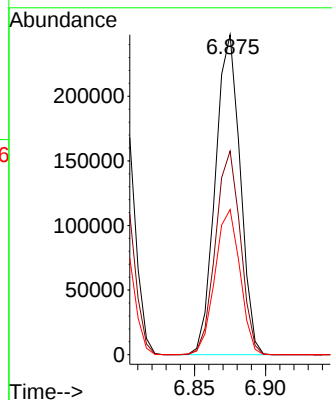
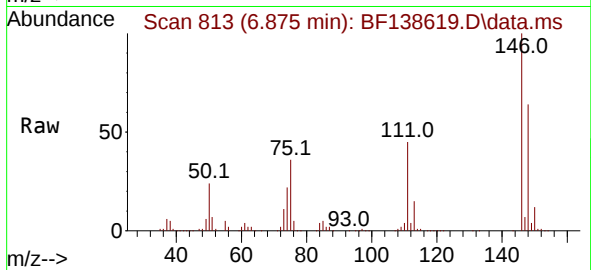




#13  
1,4-Dichlorobenzene  
Concen: 51.450 ng  
RT: 6.875 min Scan# 816  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

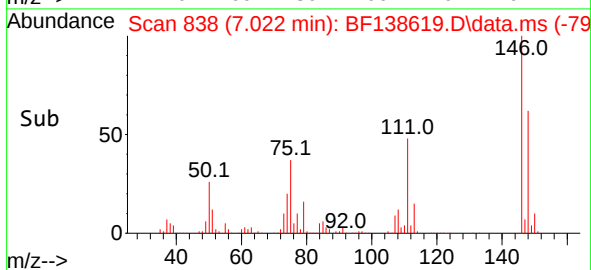
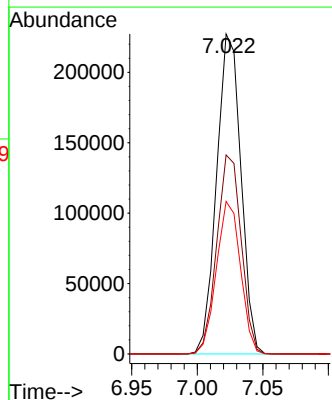
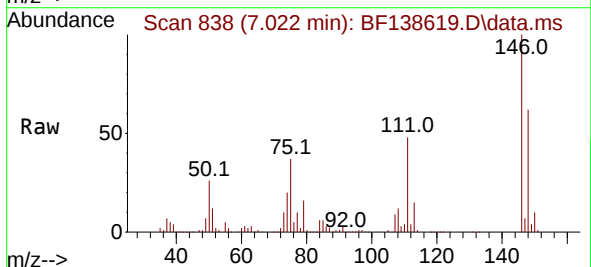
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:146 Resp: 301227  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.6 77.4  
111 45.4 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 53.718 ng  
RT: 7.022 min Scan# 838  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:146 Resp: 292924  
Ion Ratio Lower Upper  
146 100  
148 62.2 50.1 75.1  
111 47.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 61.550 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

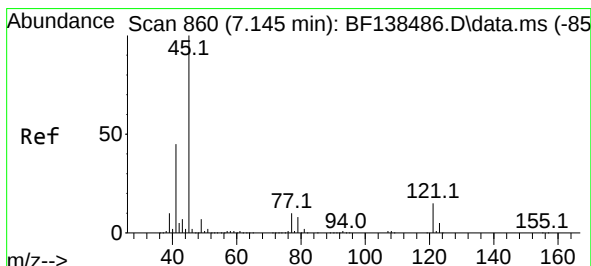
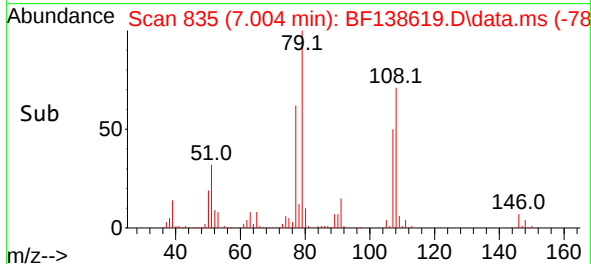
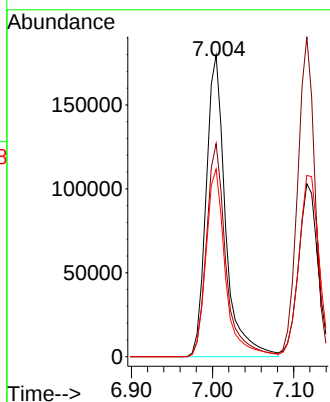
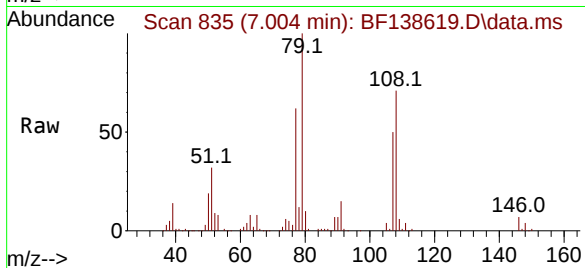
Tgt Ion: 79 Resp: 298074

Ion Ratio Lower Upper

79 100

108 70.7 54.3 81.5

77 62.2 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.820 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.017 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

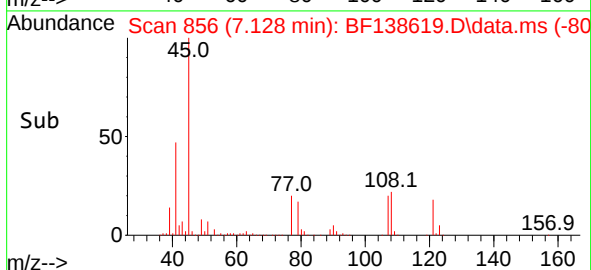
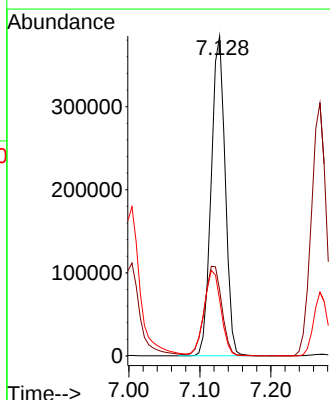
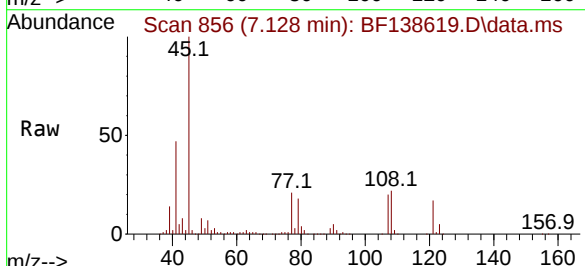
Tgt Ion: 45 Resp: 525525

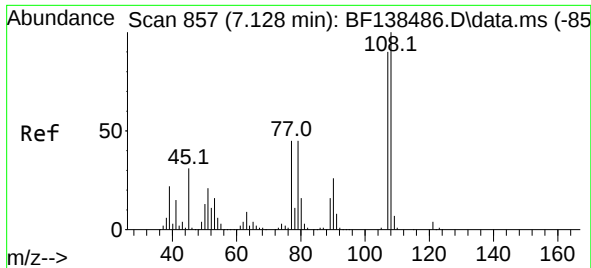
Ion Ratio Lower Upper

45 100

77 20.6 0.0 30.4

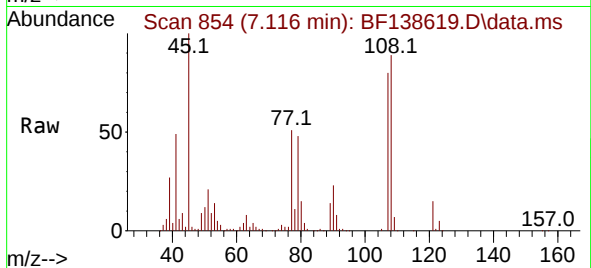
79 17.5 0.0 28.1



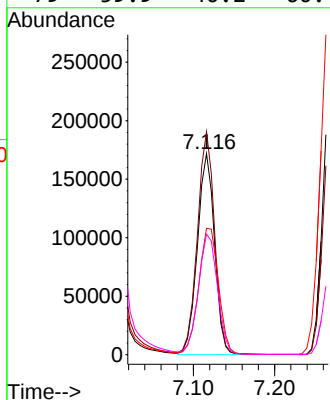
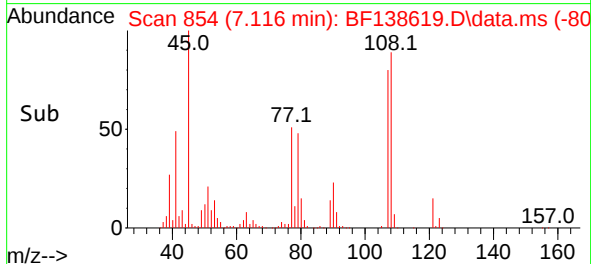


#17  
2-Methylphenol  
Concen: 60.133 ng  
RT: 7.116 min Scan# 811  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

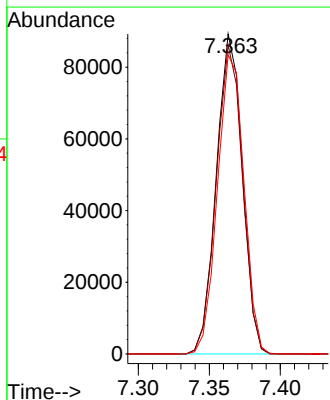
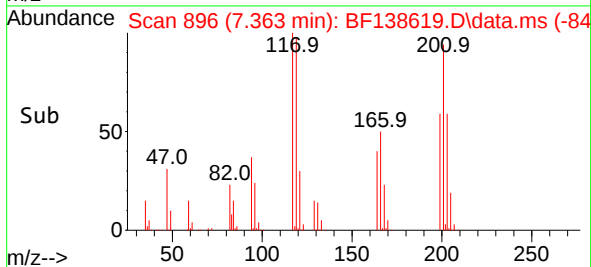
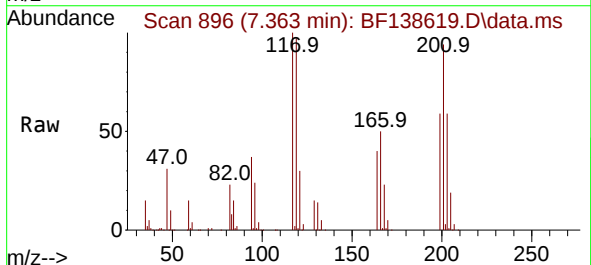


Tgt Ion:107 Resp: 252781  
Ion Ratio Lower Upper  
107 100  
108 110.9 89.0 133.4  
77 62.9 40.3 60.5#  
79 59.9 40.2 60.4



#18  
Hexachloroethane  
Concen: 52.866 ng  
RT: 7.363 min Scan# 896  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:117 Resp: 113786  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.6 114.8  
201 93.5 81.4 122.0

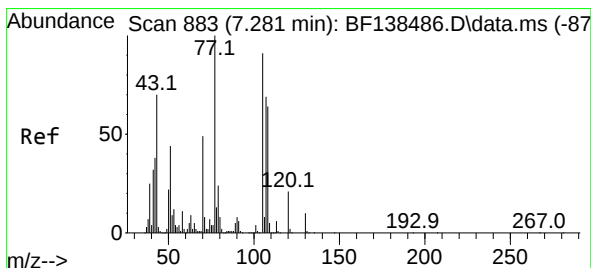
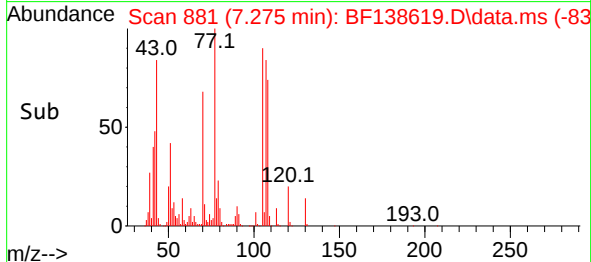
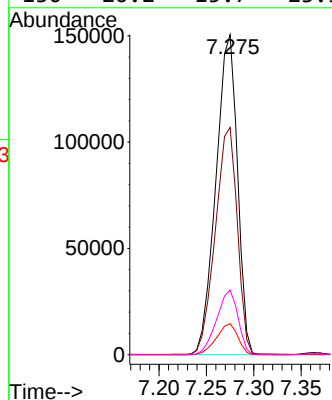
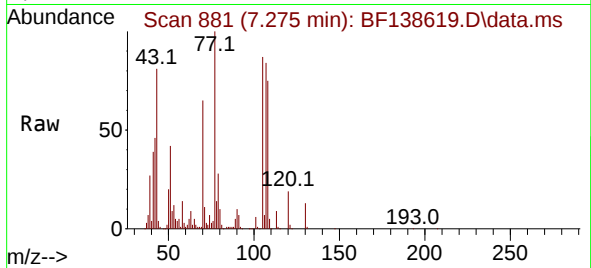




#19  
n-Nitroso-di-n-propylamine  
Concen: 59.736 ng  
RT: 7.275 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

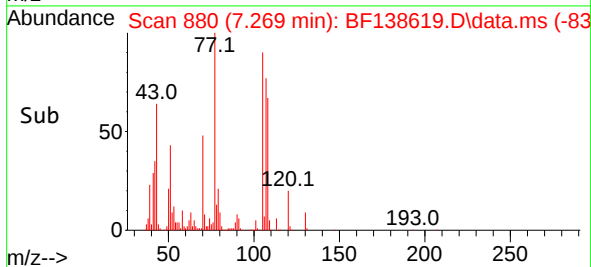
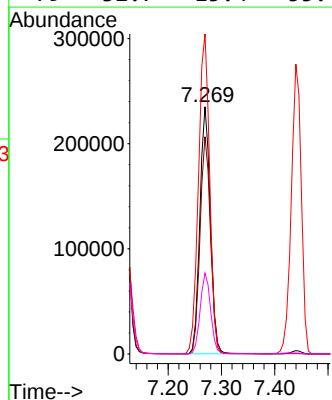
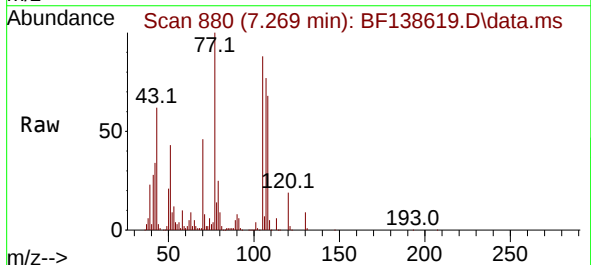
Instrument :  
BNA\_F  
ClientSampleId :

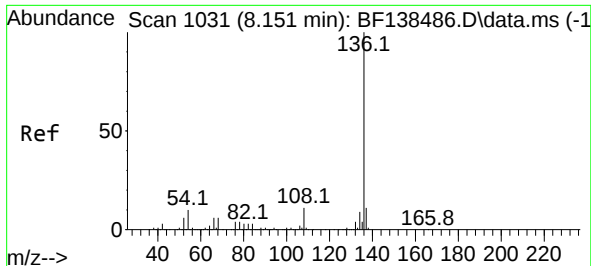
Tgt Ion: 70 Resp: 238189  
Ion Ratio Lower Upper  
70 100  
42 71.0 62.4 93.6  
101 9.7 7.2 10.8  
130 20.2 15.7 23.5



#20  
3+4-Methylphenols  
Concen: 60.637 ng  
RT: 7.269 min Scan# 880  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion: 107 Resp: 320985  
Ion Ratio Lower Upper  
107 100  
108 87.9 73.7 113.7  
77 129.4 126.0 166.0  
79 32.7 15.4 55.4



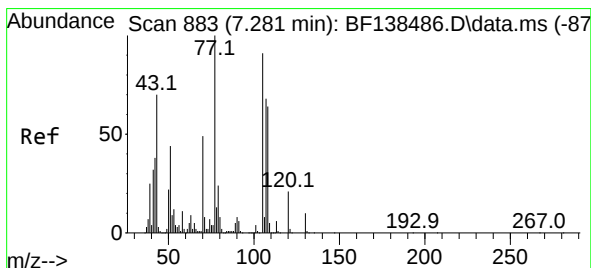
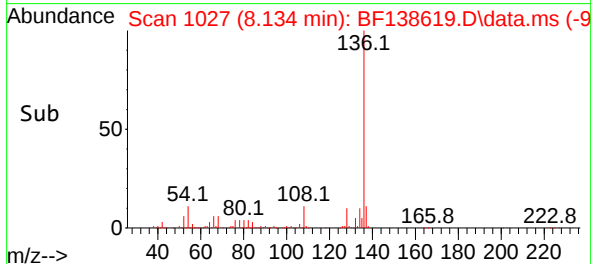
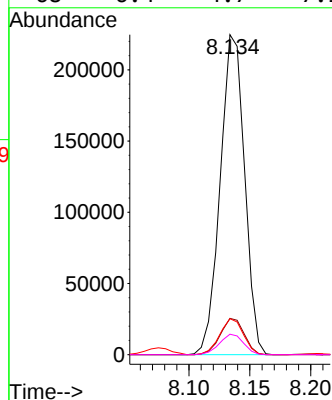
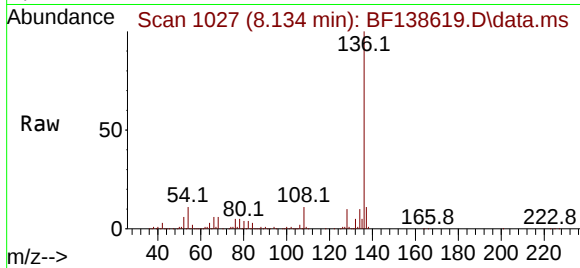


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.134 min Scan# 1031  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:136 Resp: 312912

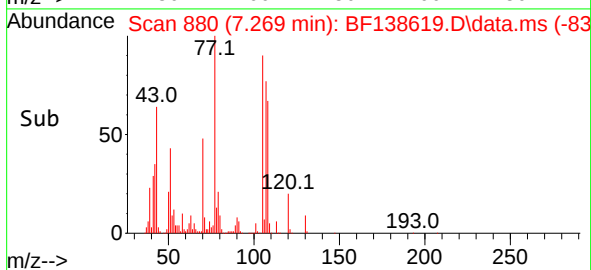
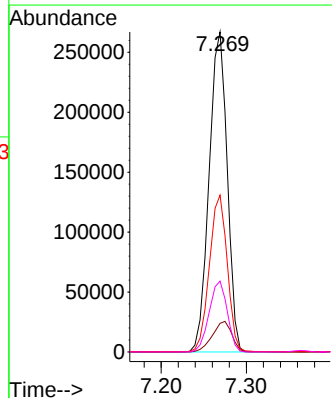
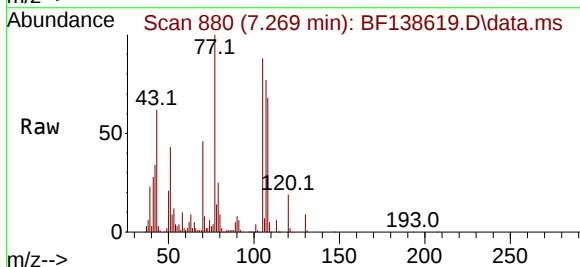
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.5   | 12.7  |
| 54  | 11.3  | 8.1   | 12.1  |
| 68  | 6.4   | 4.7   | 7.1   |



#22  
Acetophenone  
Concen: 51.820 ng  
RT: 7.269 min Scan# 880  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:105 Resp: 393821

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.9   | 7.4   | 11.2  |
| 51  | 49.0  | 38.7  | 58.1  |
| 120 | 22.1  | 18.2  | 27.2  |





#23

Nitrobenzene-d5

Concen: 104.443 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

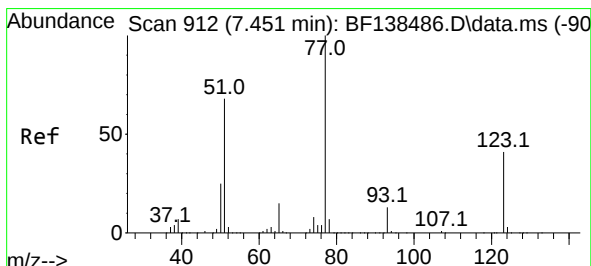
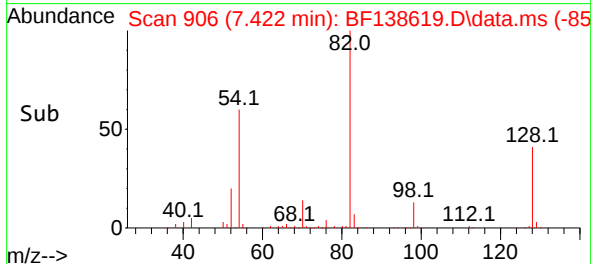
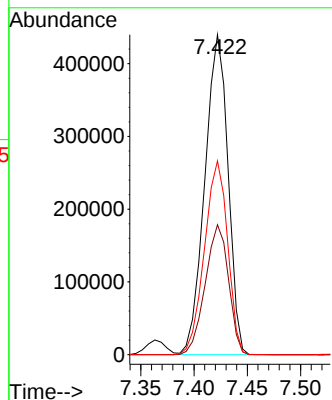
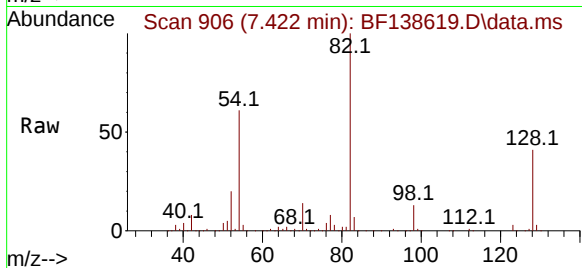
Tgt Ion: 82 Resp: 665644

Ion Ratio Lower Upper

82 100

128 40.6 32.3 48.5

54 60.6 51.4 77.0



#24

Nitrobenzene

Concen: 55.620 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

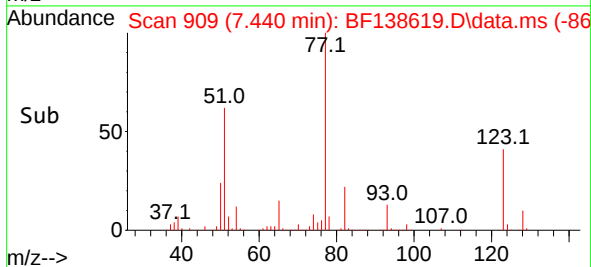
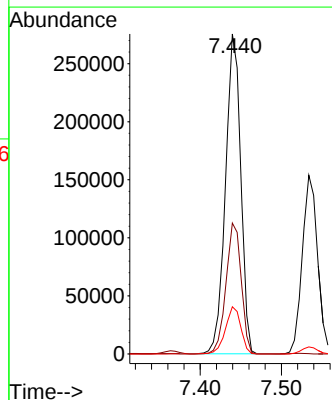
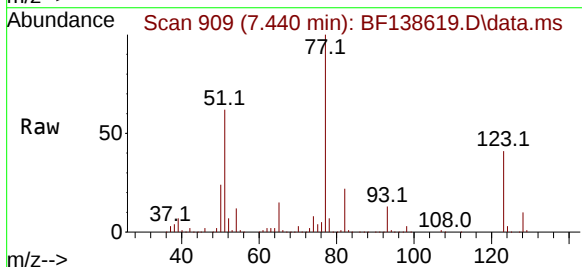
Tgt Ion: 77 Resp: 360232

Ion Ratio Lower Upper

77 100

123 40.9 32.4 48.6

65 14.8 11.8 17.8

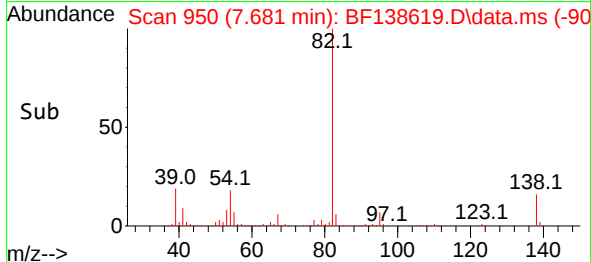
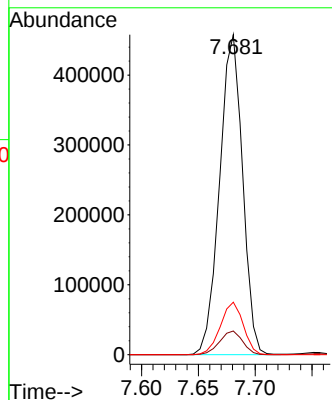
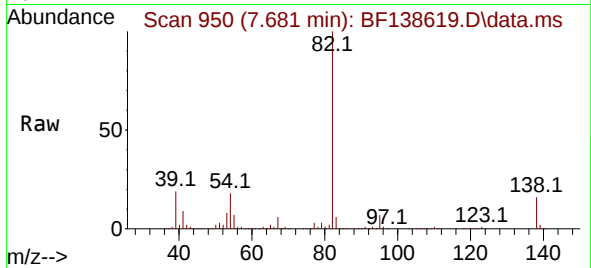




#25  
Isophorone  
Concen: 58.834 ng  
RT: 7.681 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

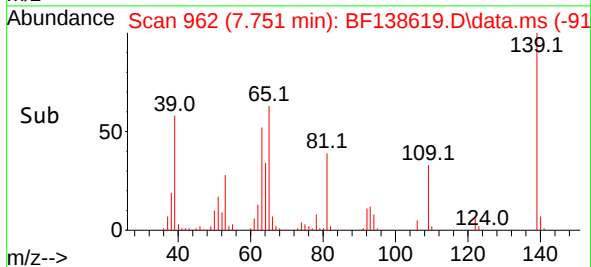
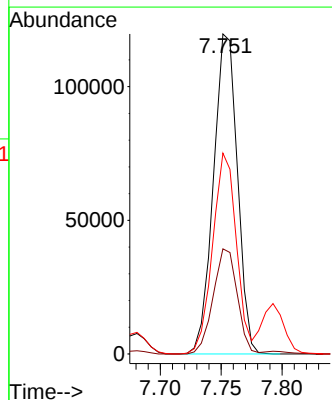
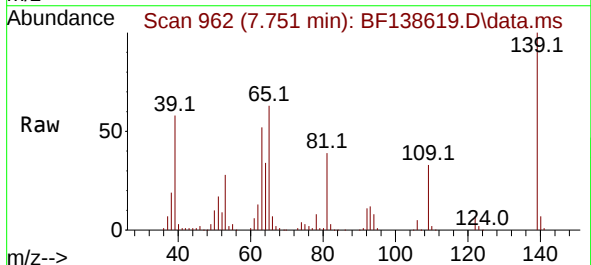
Instrument :  
BNA\_F  
ClientSampleId :

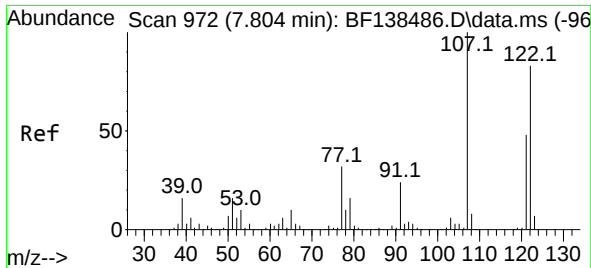
Tgt Ion: 82 Resp: 643928  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.0 9.0  
138 16.4 12.8 19.2



#26  
2-Nitrophenol  
Concen: 59.239 ng  
RT: 7.751 min Scan# 962  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:139 Resp: 164440  
Ion Ratio Lower Upper  
139 100  
109 32.8 24.8 37.2  
65 62.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 66.825 ng

RT: 7.793 min Scan# 91

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

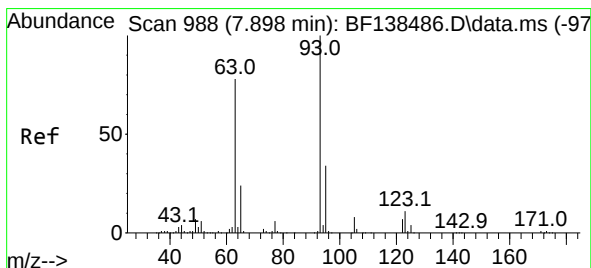
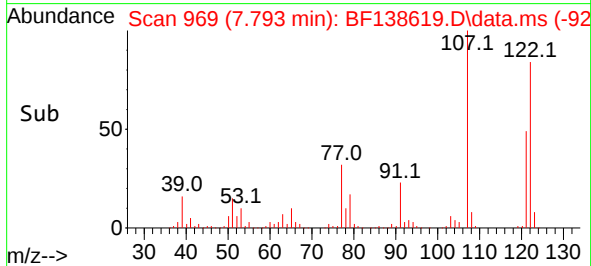
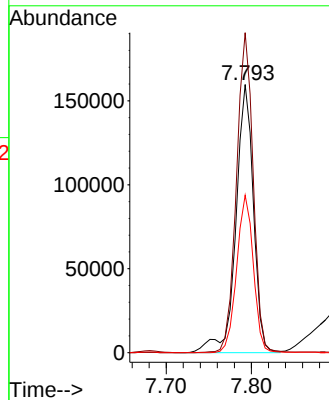
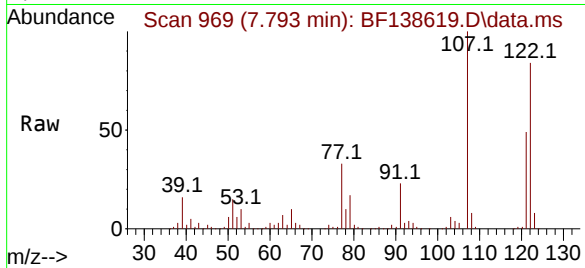
Tgt Ion:122 Resp: 227990

Ion Ratio Lower Upper

122 100

107 119.4 96.3 144.5

121 58.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 57.863 ng

RT: 7.887 min Scan# 985

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

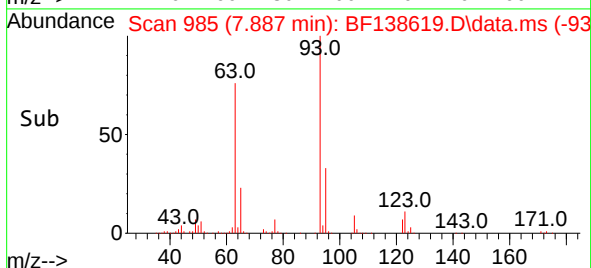
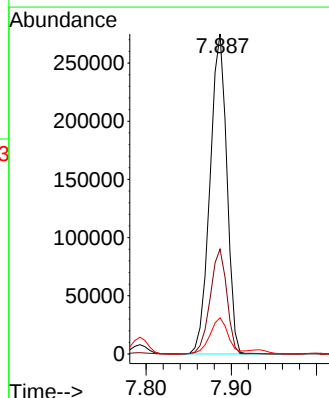
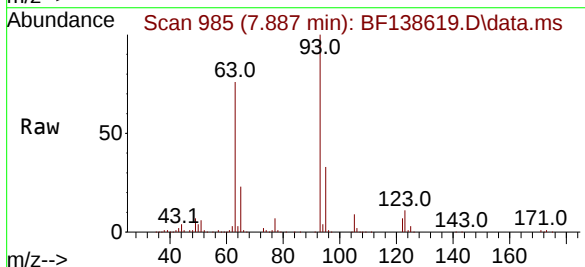
Tgt Ion: 93 Resp: 378487

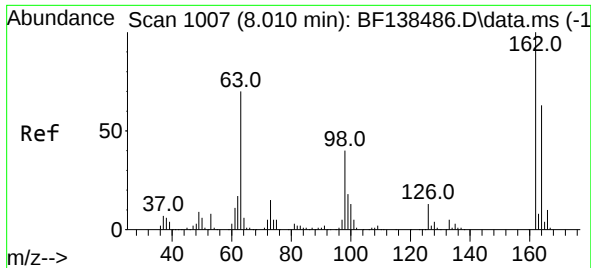
Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.6

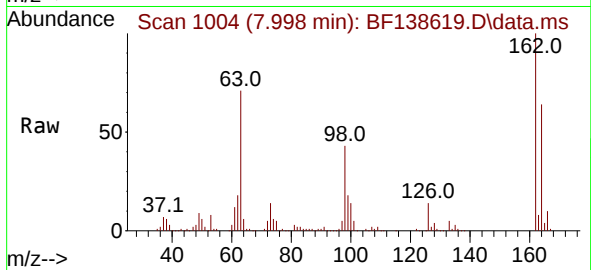
123 11.3 9.1 13.7



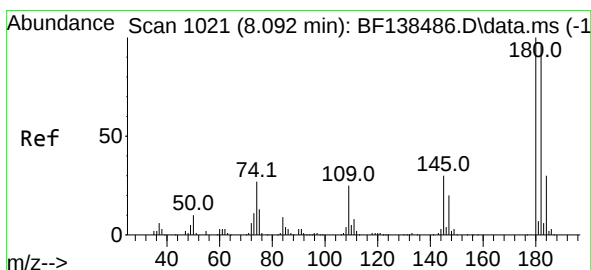
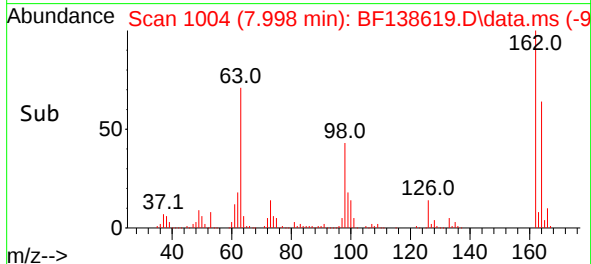
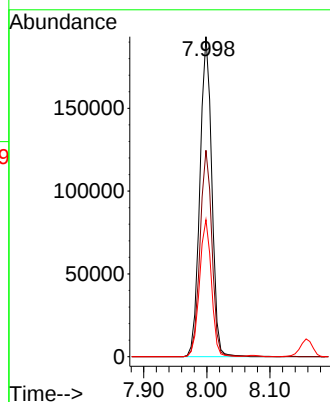


#29  
2,4-Dichlorophenol  
Concen: 57.020 ng  
RT: 7.998 min Scan# 1004  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

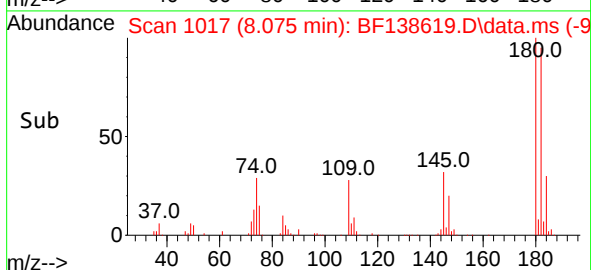
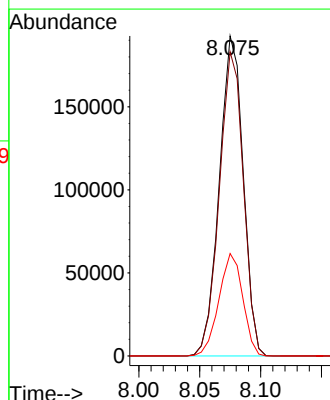
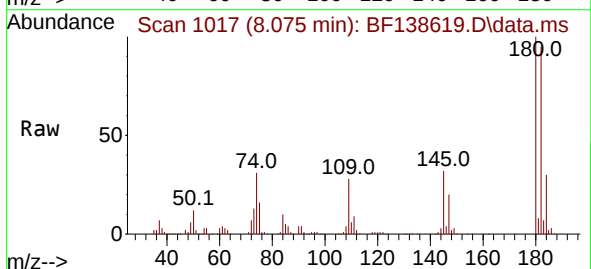


Tgt Ion:162 Resp: 252622  
Ion Ratio Lower Upper  
162 100  
164 64.5 42.6 82.6  
98 42.8 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 50.959 ng  
RT: 8.075 min Scan# 1017  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

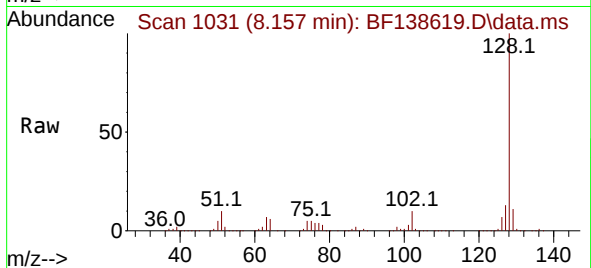
Tgt Ion:180 Resp: 263010  
Ion Ratio Lower Upper  
180 100  
182 95.0 76.9 115.3  
145 32.0 23.9 35.9



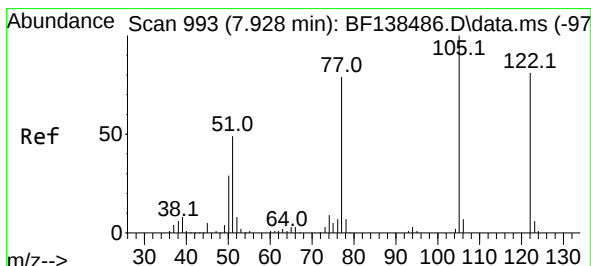
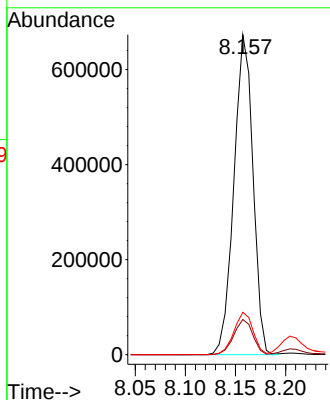
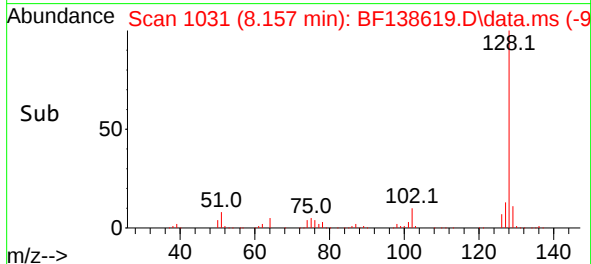


#31  
Naphthalene  
Concen: 54.771 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

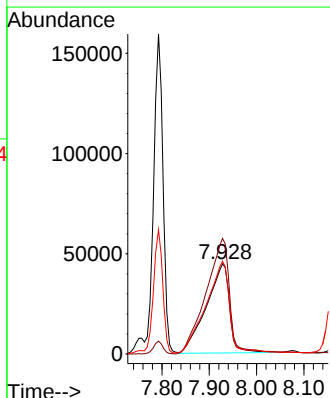
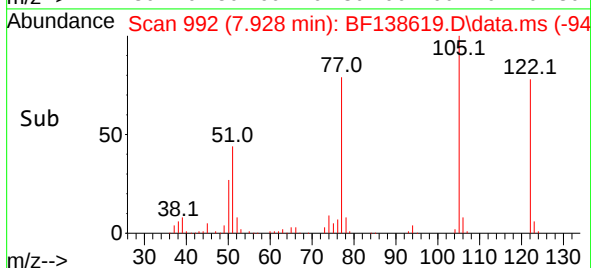
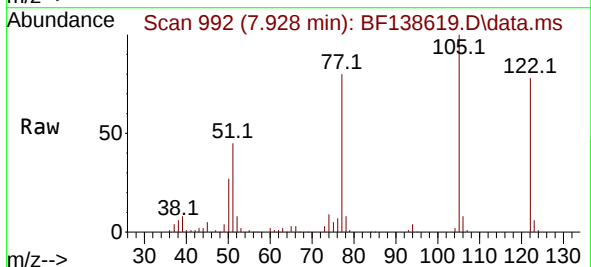


Tgt Ion:128 Resp: 891333  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 46.590 ng  
RT: 7.928 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

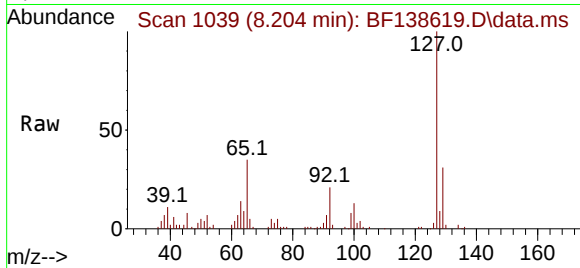
Tgt Ion:122 Resp: 151605  
Ion Ratio Lower Upper  
122 100  
105 128.3 101.5 141.5  
77 103.0 77.3 117.3



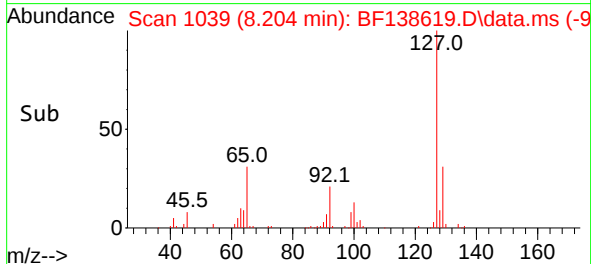
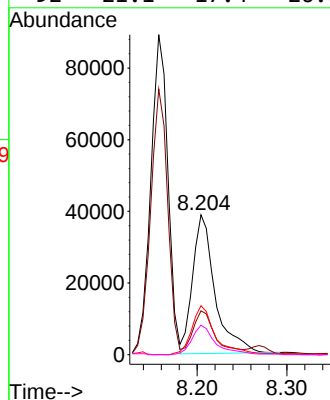


#33  
4-Chloroaniline  
Concen: 11.799 ng  
RT: 8.204 min Scan# 1039  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

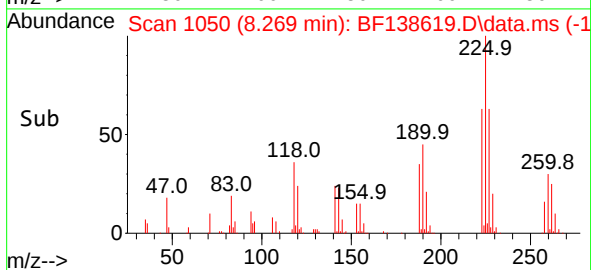
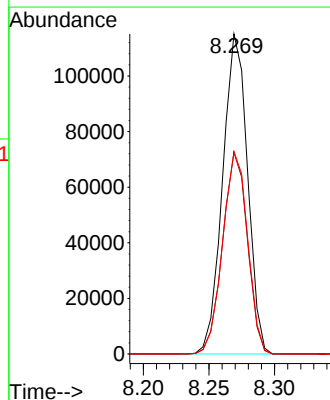
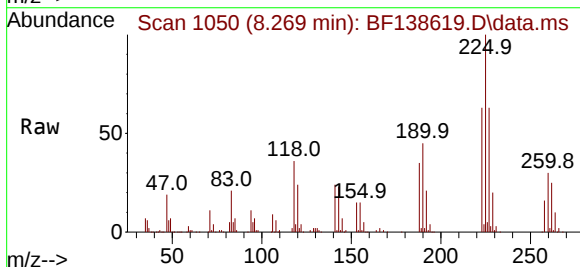


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 67374 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.4  | 25.6  | 38.4  |
| 65       | 35.0  | 29.6  | 44.4  |
| 92       | 21.1  | 17.4  | 26.0  |



#34  
Hexachlorobutadiene  
Concen: 47.704 ng  
RT: 8.269 min Scan# 1050  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 151614 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 50.0  | 75.0   |
| 227      | 63.2  | 51.0  | 76.6   |

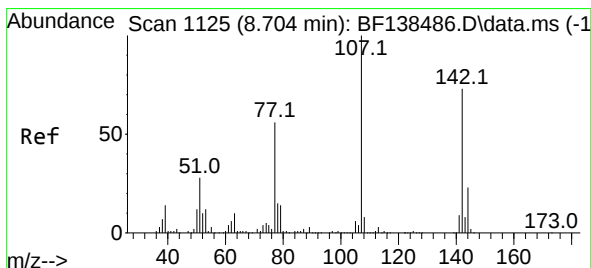
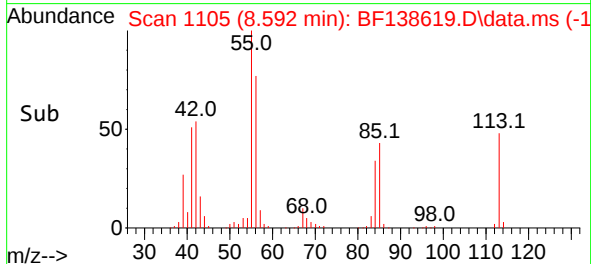
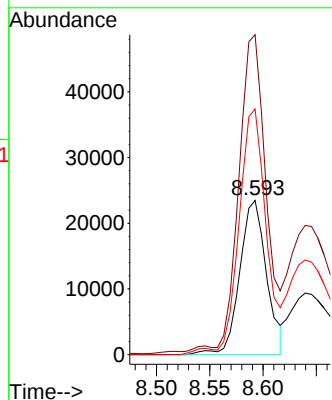
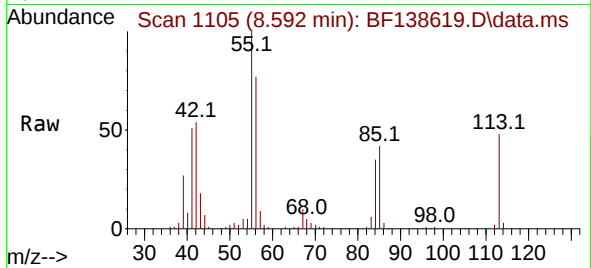




#35  
 Caprolactam  
 Concen: 28.706 ng  
 RT: 8.592 min Scan# 1107  
 Delta R.T. -0.006 min  
 Lab File: BF138619.D  
 Acq: 23 Jul 2024 15:31

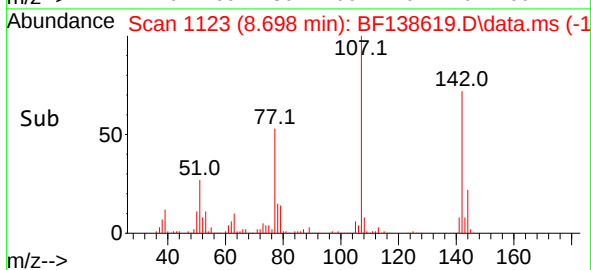
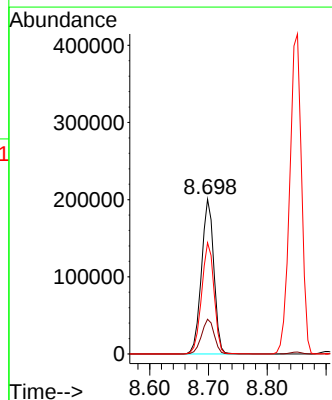
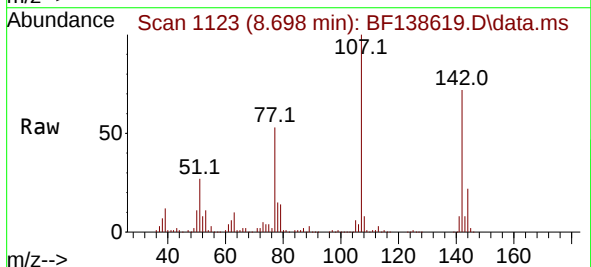
Instrument :  
 BNA\_F  
 ClientSampleId :

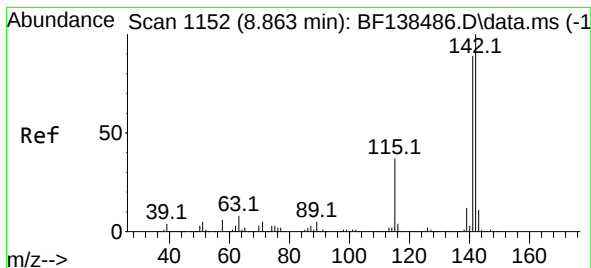
Tgt Ion:113 Resp: 41040  
 Ion Ratio Lower Upper  
 113 100  
 55 207.4 192.5 232.5  
 56 159.2 145.3 185.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 59.465 ng  
 RT: 8.698 min Scan# 1123  
 Delta R.T. -0.006 min  
 Lab File: BF138619.D  
 Acq: 23 Jul 2024 15:31

Tgt Ion:107 Resp: 294946  
 Ion Ratio Lower Upper  
 107 100  
 144 22.5 18.6 27.8  
 142 71.9 58.6 88.0

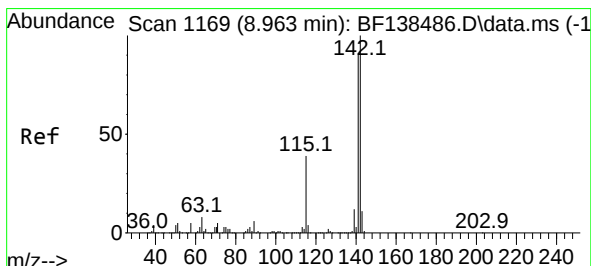
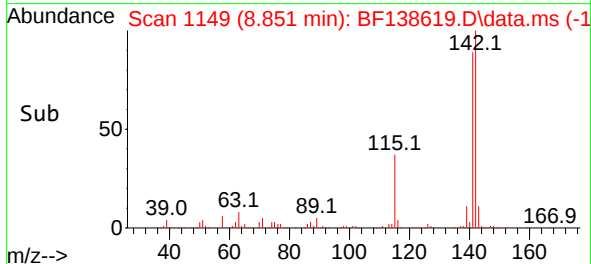
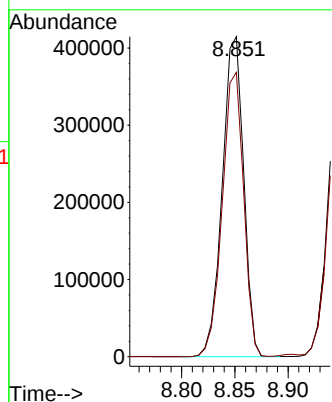
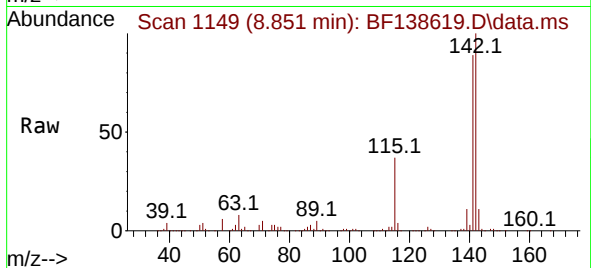




#37  
2-Methylnaphthalene  
Concen: 55.081 ng  
RT: 8.851 min Scan# 1149  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

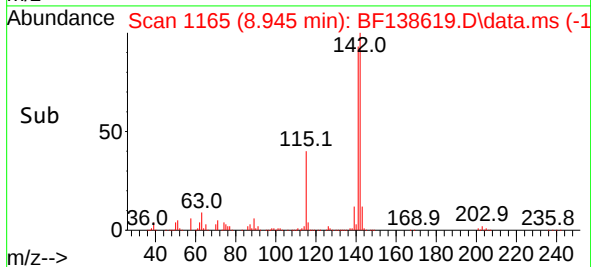
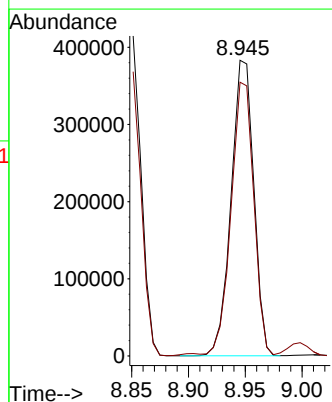
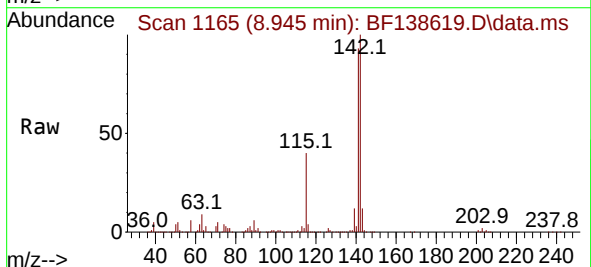
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:142 Resp: 576847  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.4 107.0



#38  
1-Methylnaphthalene  
Concen: 51.937 ng  
RT: 8.945 min Scan# 1165  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:142 Resp: 530838  
Ion Ratio Lower Upper  
142 100  
141 92.6 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.011 min

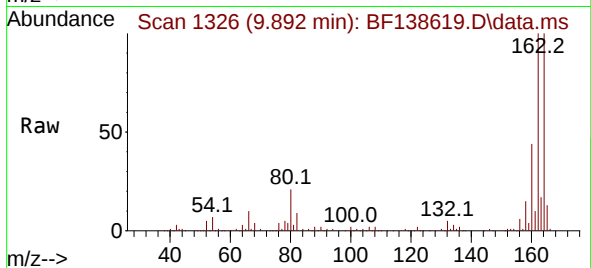
Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :



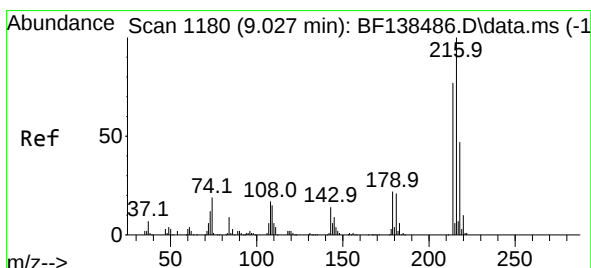
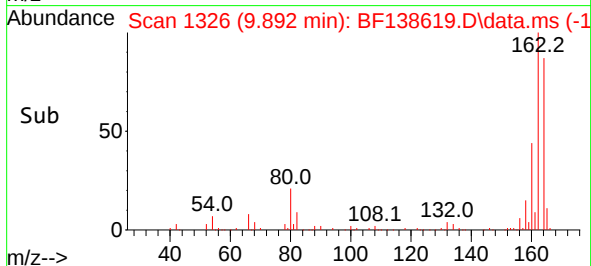
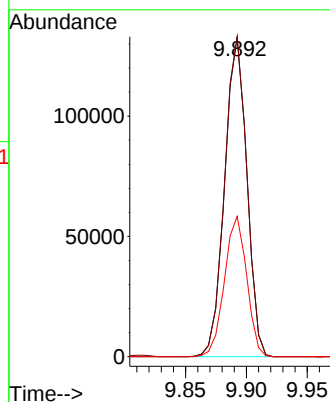
Tgt Ion:164 Resp: 168716

Ion Ratio Lower Upper

164 100

162 100.3 79.0 118.6

160 44.0 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.365 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Tgt Ion:216 Resp: 236825

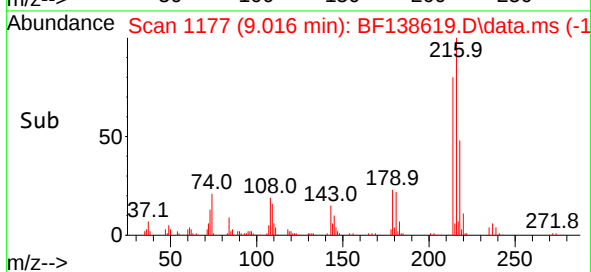
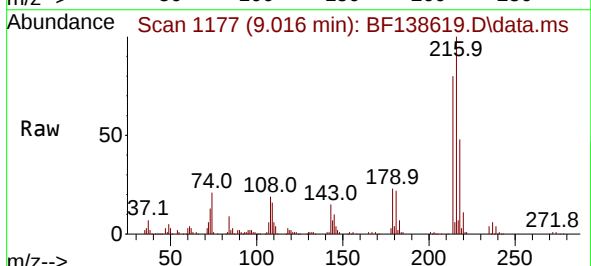
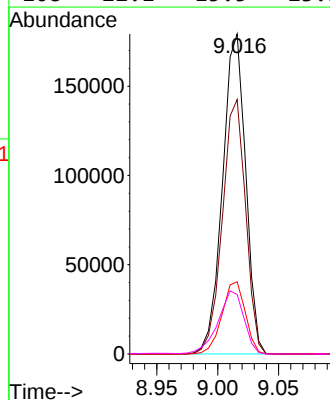
Ion Ratio Lower Upper

216 100

214 79.7 62.8 94.2

179 22.8 17.7 26.5

108 22.1 15.5 23.3

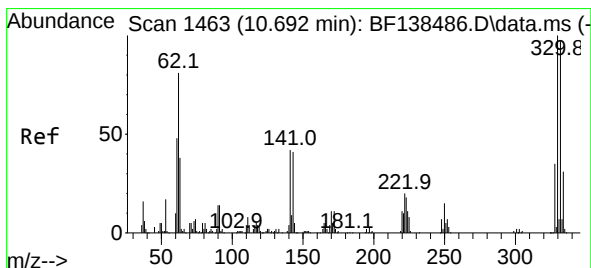
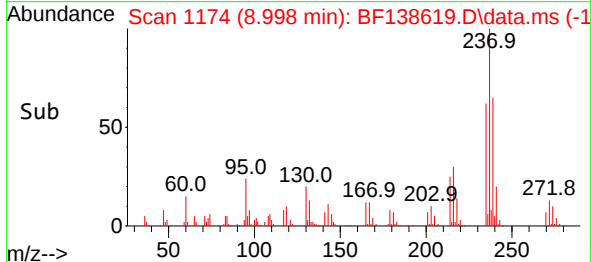
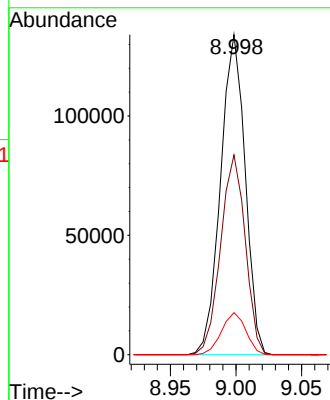
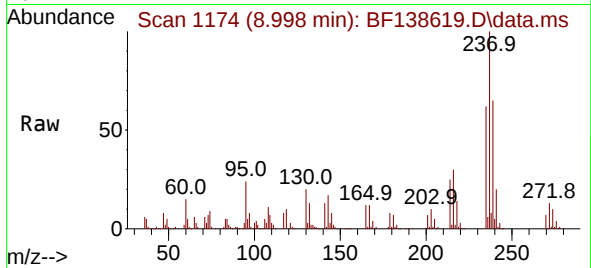




#41  
Hexachlorocyclopentadiene  
Concen: 114.442 ng  
RT: 8.998 min Scan# 1174  
Delta R.T. -0.012 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

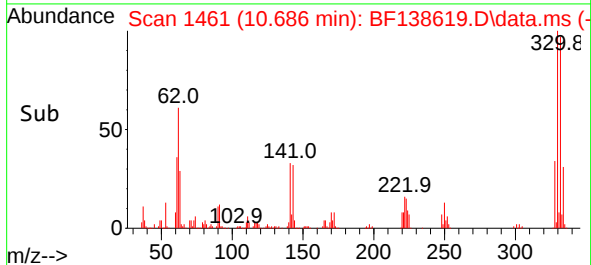
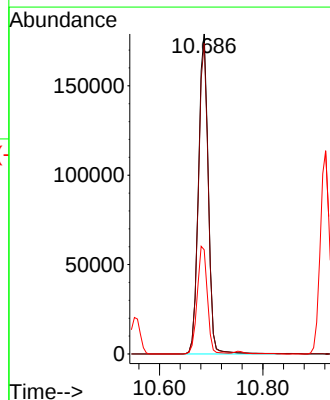
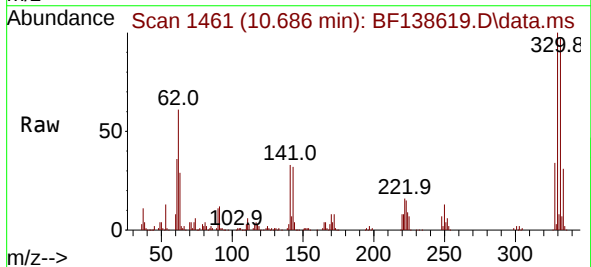
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:237 Resp: 174668  
Ion Ratio Lower Upper  
237 100  
235 62.4 43.3 83.3  
272 13.2 0.0 32.3



#42  
2,4,6-Tribromophenol  
Concen: 149.292 ng  
RT: 10.686 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:330 Resp: 235407  
Ion Ratio Lower Upper  
330 100  
332 97.4 76.8 115.2  
141 34.6 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 57.675 ng

RT: 9.134 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

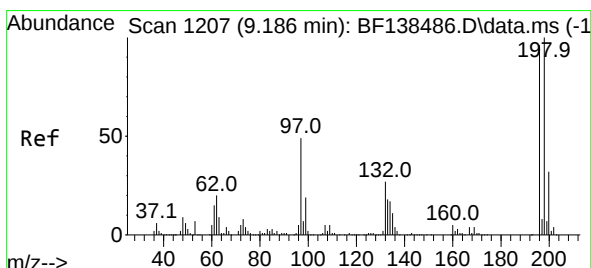
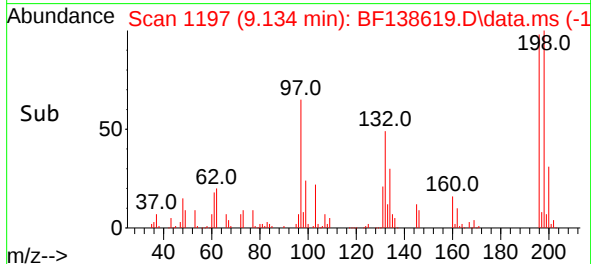
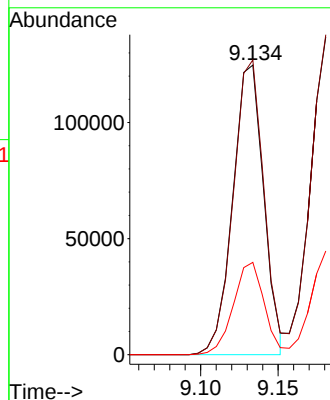
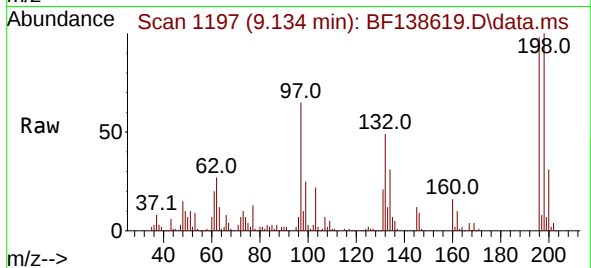
Tgt Ion:196 Resp: 172995

Ion Ratio Lower Upper

196 100

198 101.7 82.3 123.5

200 31.9 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 55.006 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Tgt Ion:196 Resp: 181466

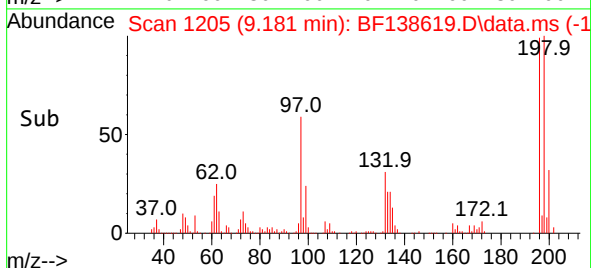
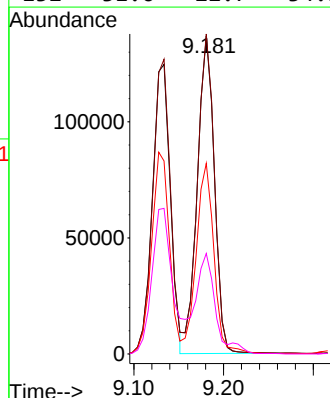
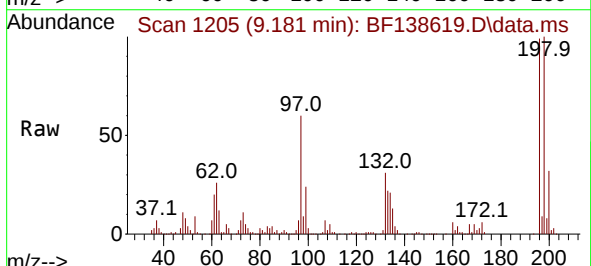
Ion Ratio Lower Upper

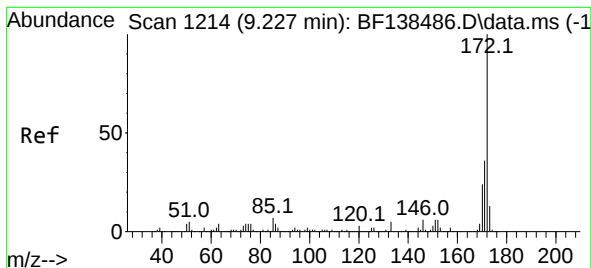
196 100

198 100.7 82.8 124.2

97 59.9 41.0 61.4

132 31.6 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 101.831 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

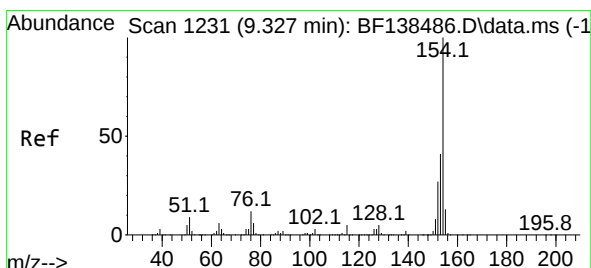
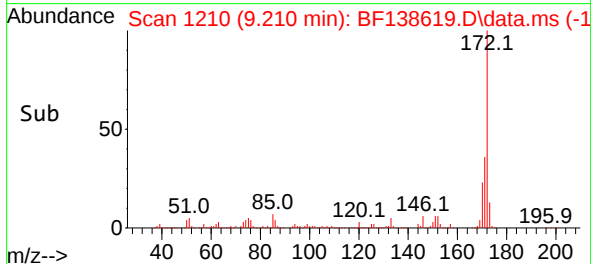
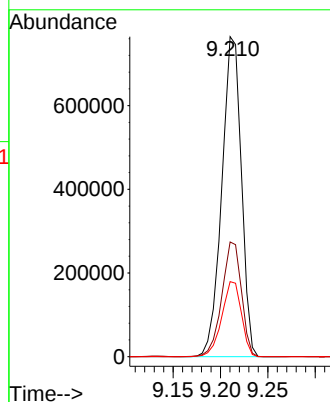
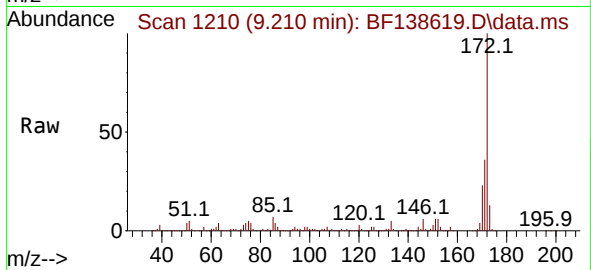
Tgt Ion:172 Resp: 1099273

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 53.089 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

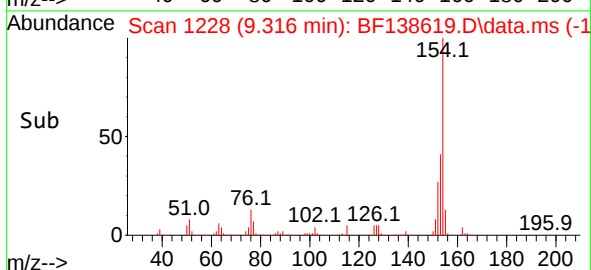
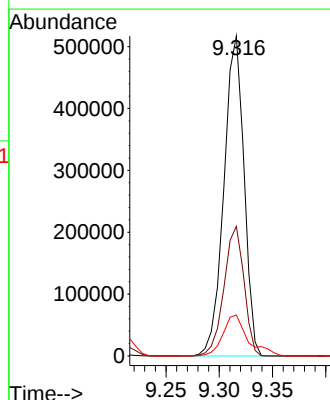
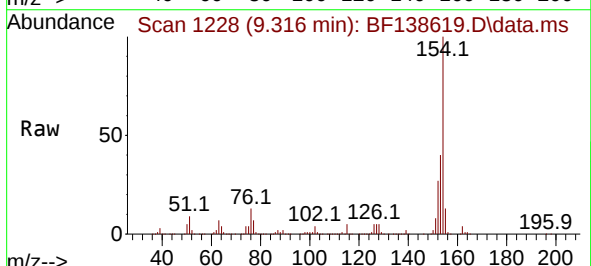
Tgt Ion:154 Resp: 678795

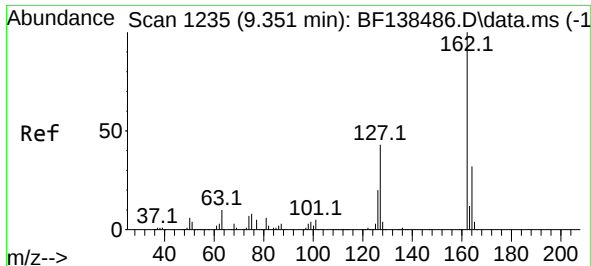
Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

76 12.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 55.288 ng

RT: 9.339 min Scan# 1235

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

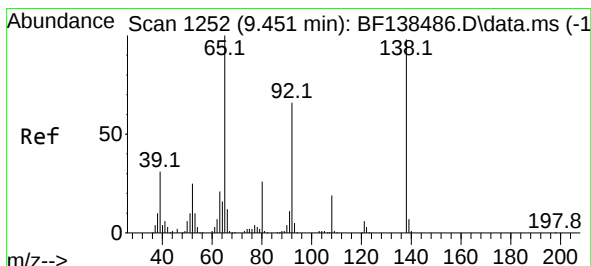
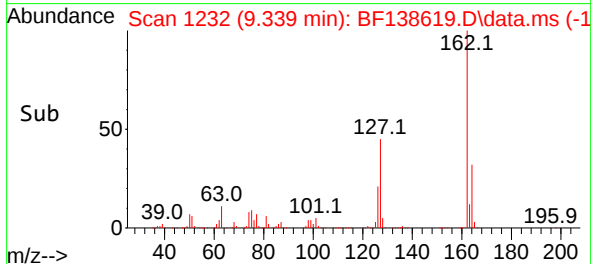
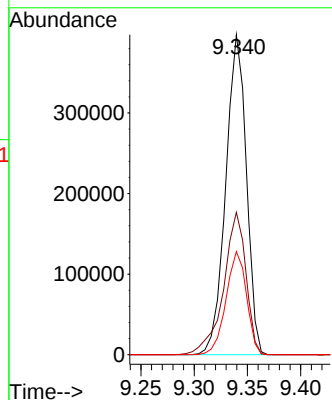
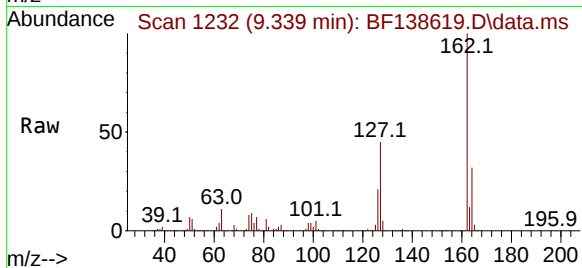
Tgt Ion:162 Resp: 534048

Ion Ratio Lower Upper

162 100

127 44.5 34.8 52.2

164 32.2 25.6 38.4



#48

2-Nitroaniline

Concen: 60.215 ng

RT: 9.440 min Scan# 1249

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

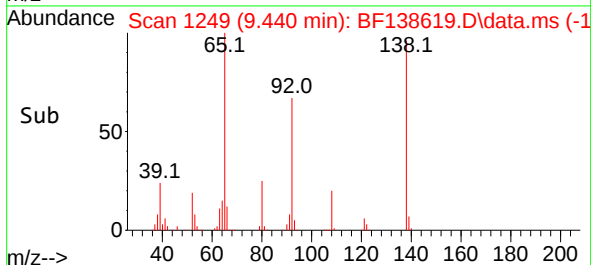
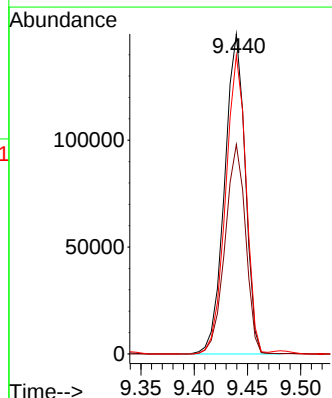
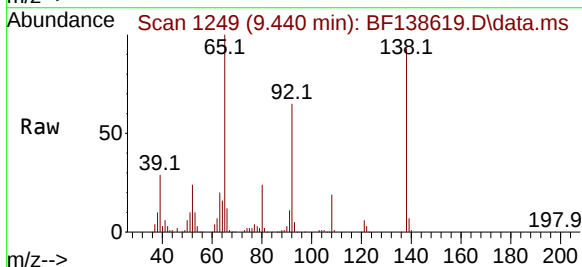
Tgt Ion: 65 Resp: 201555

Ion Ratio Lower Upper

65 100

92 65.5 52.6 78.8

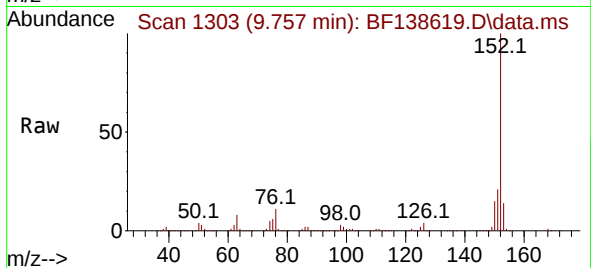
138 93.3 78.6 118.0



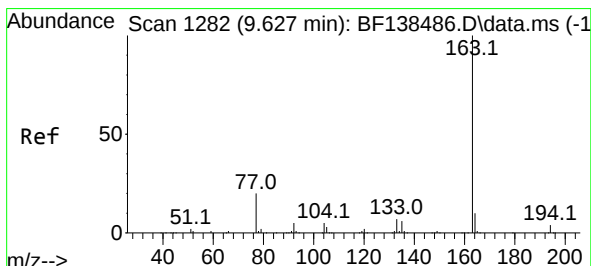
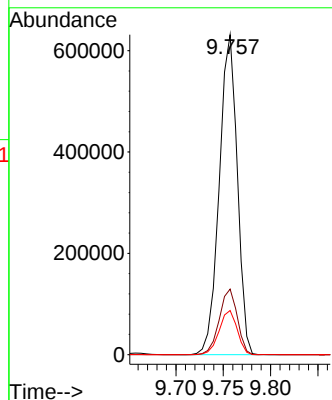
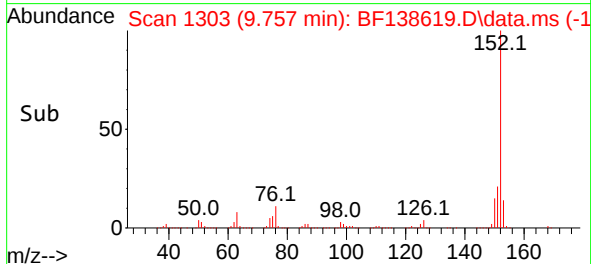


#49  
Acenaphthylene  
Concen: 61.018 ng  
RT: 9.757 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

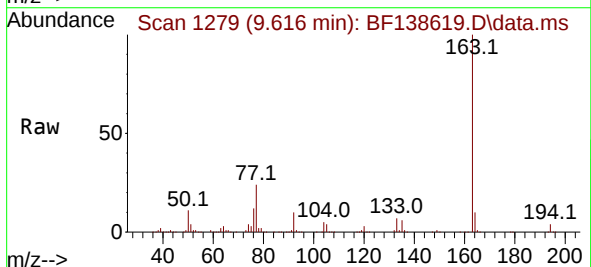
Instrument :  
BNA\_F  
ClientSampleId :



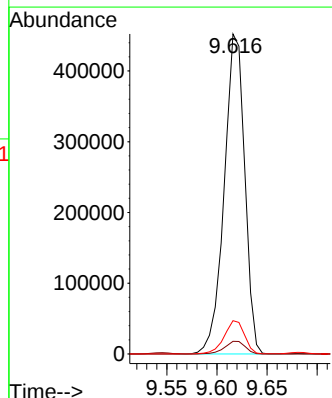
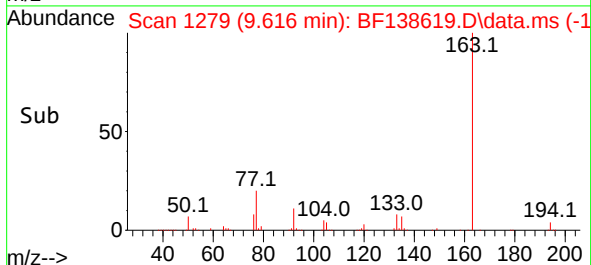
Tgt Ion:152 Resp: 836792  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.3 24.5  
153 13.8 11.3 16.9

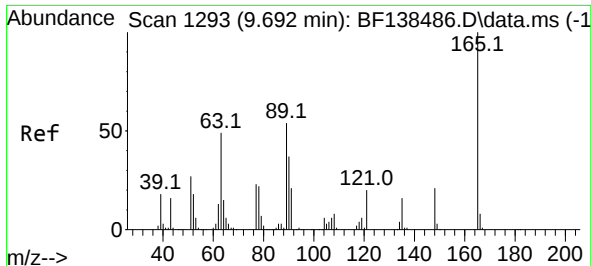


#50  
Dimethylphthalate  
Concen: 58.967 ng  
RT: 9.616 min Scan# 1279  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31



Tgt Ion:163 Resp: 643304  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 55.212 ng

RT: 9.681 min Scan# 131

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

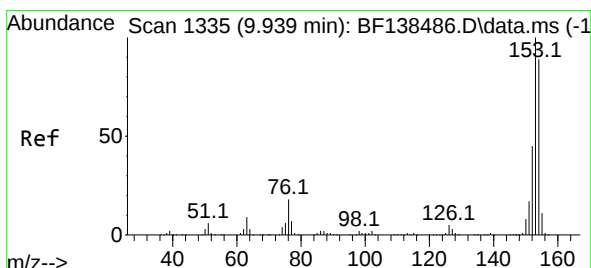
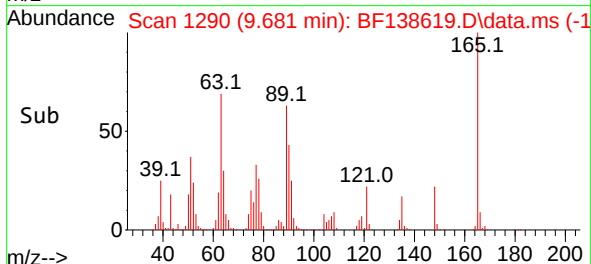
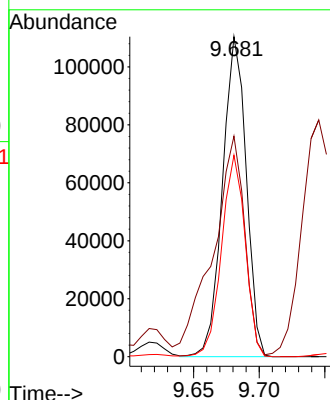
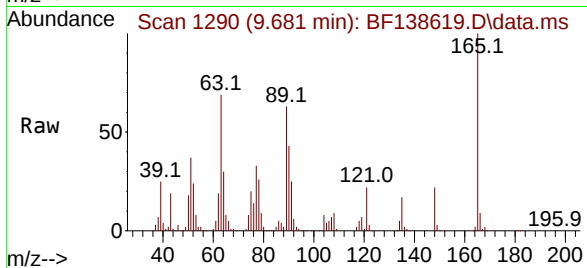
Tgt Ion:165 Resp: 138686

Ion Ratio Lower Upper

165 100

63 68.9 48.1 72.1

89 63.0 43.0 64.6



#52

Acenaphthene

Concen: 57.732 ng

RT: 9.928 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

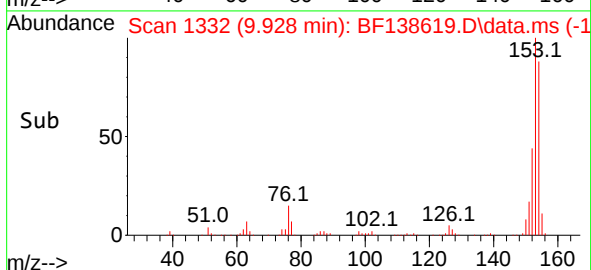
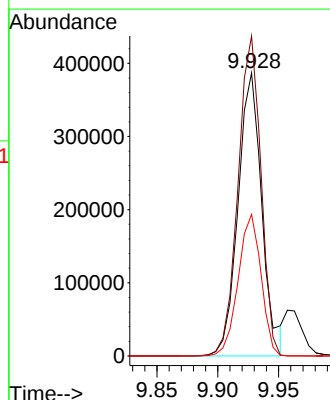
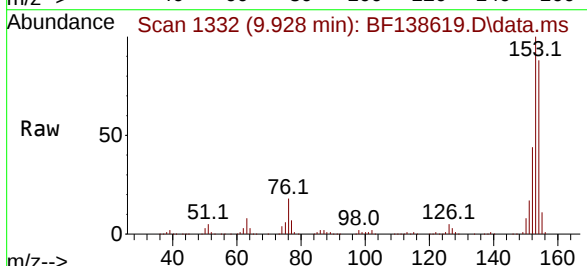
Tgt Ion:154 Resp: 526285

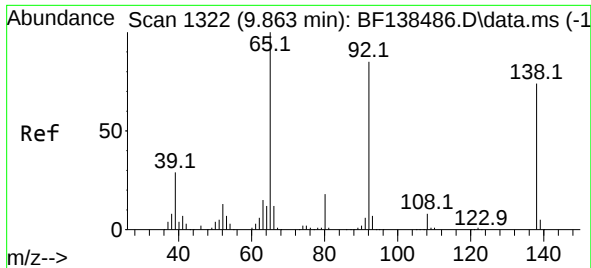
Ion Ratio Lower Upper

154 100

153 113.1 90.4 135.6

152 50.0 41.1 61.7

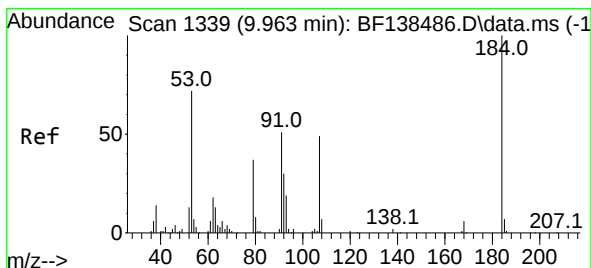
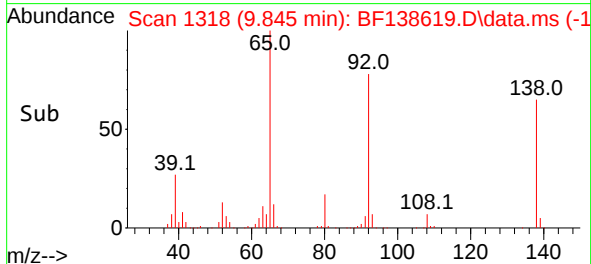
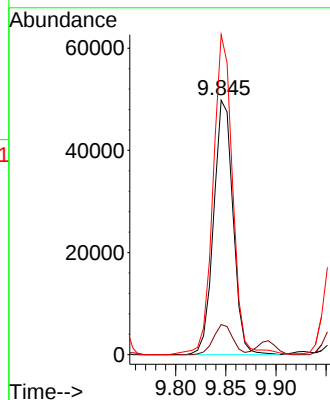
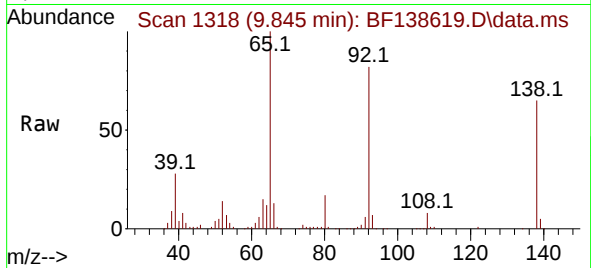




#53  
3-Nitroaniline  
Concen: 26.007 ng  
RT: 9.845 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

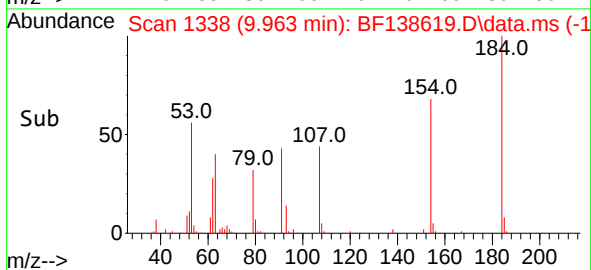
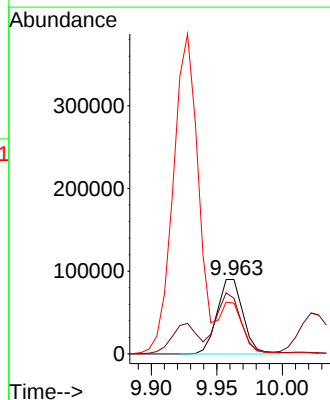
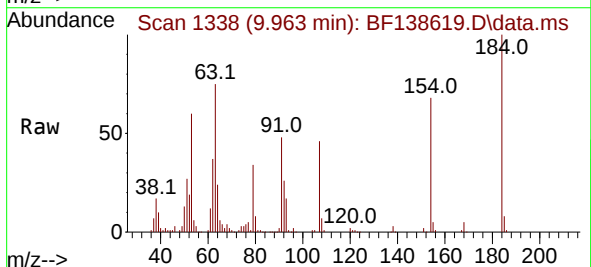
Instrument :  
BNA\_F  
ClientSampleId :

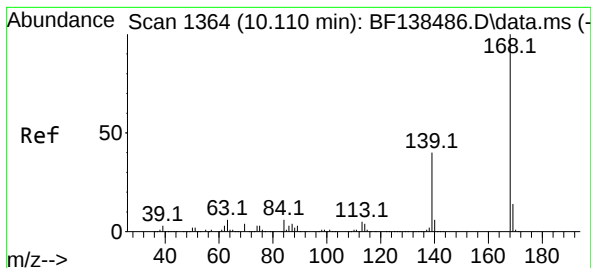
Tgt Ion:138 Resp: 66956  
Ion Ratio Lower Upper  
138 100  
108 11.8 8.3 12.5  
92 125.8 92.6 138.8



#54  
2,4-Dinitrophenol  
Concen: 91.520 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:184 Resp: 124340  
Ion Ratio Lower Upper  
184 100  
63 74.6 70.6 106.0  
154 68.2 53.8 80.6





#55

Dibenzenofuran

Concen: 56.428 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

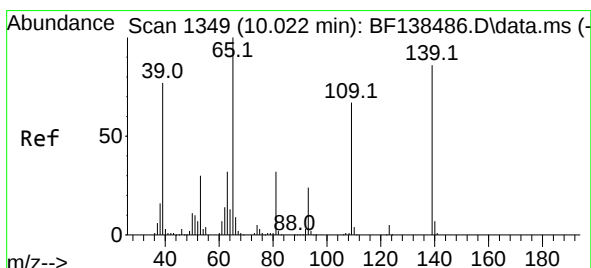
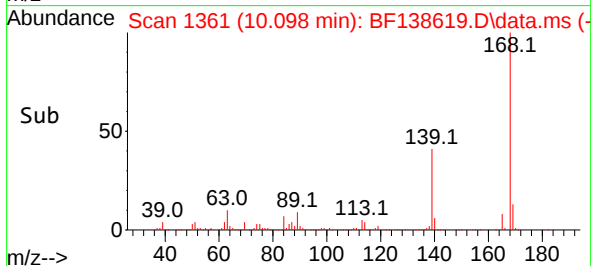
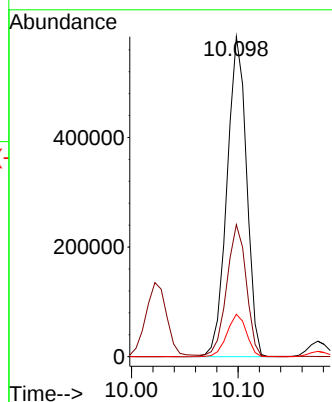
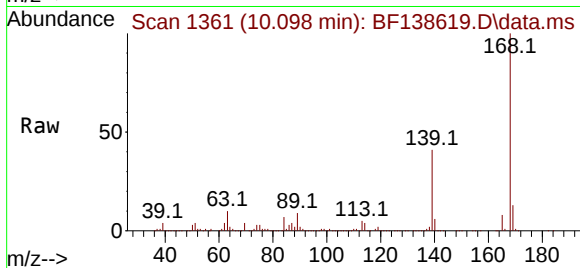
Tgt Ion:168 Resp: 746110

Ion Ratio Lower Upper

168 100

139 41.3 32.4 48.6

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 98.362 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

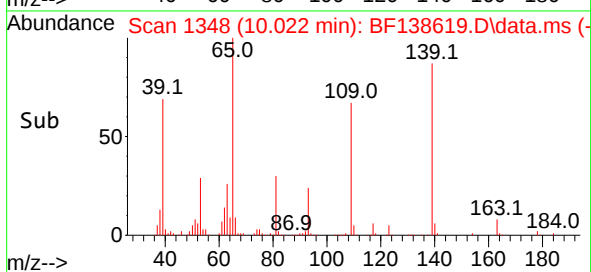
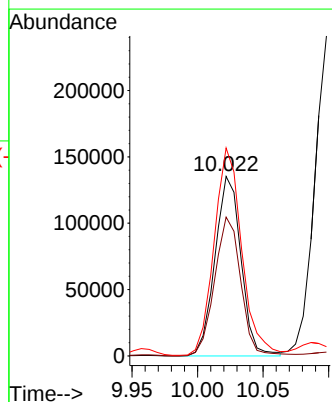
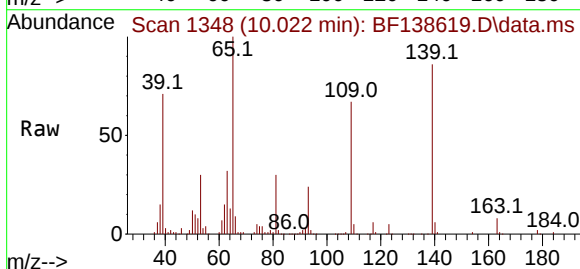
Tgt Ion:139 Resp: 186851

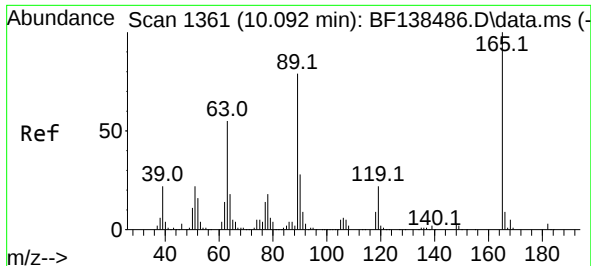
Ion Ratio Lower Upper

139 100

109 77.3 58.1 98.1

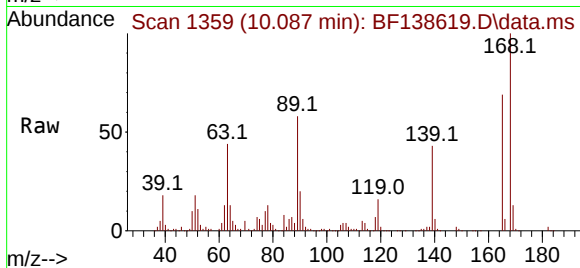
65 115.8 96.9 136.9



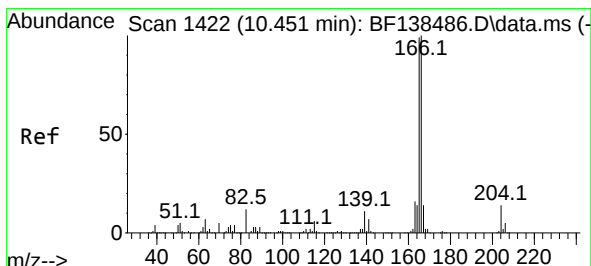
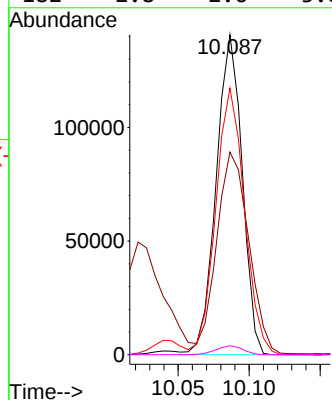
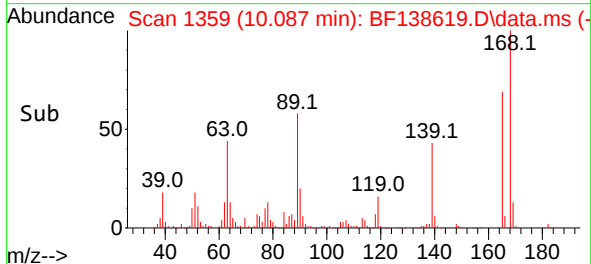


#57  
2,4-Dinitrotoluene  
Concen: 55.039 ng  
RT: 10.087 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

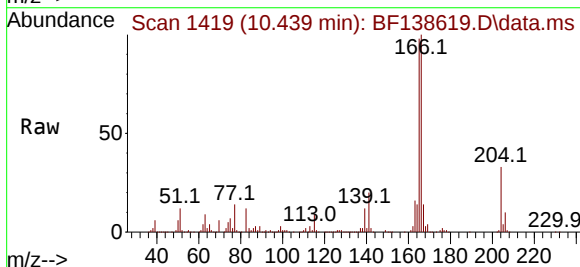
Instrument :  
BNA\_F  
ClientSampleId :



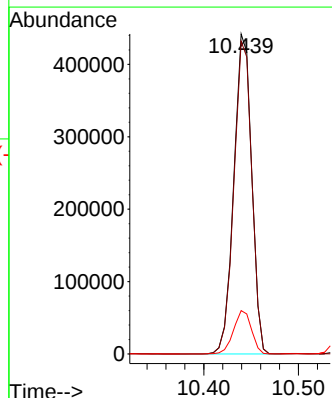
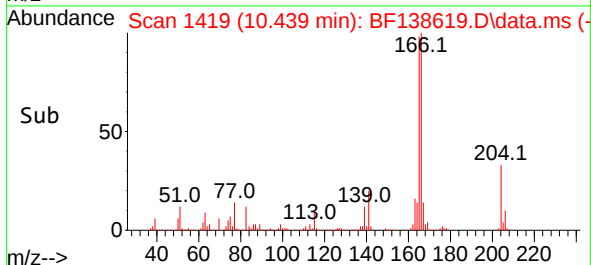
Tgt Ion:165 Resp: 178878  
Ion Ratio Lower Upper  
165 100  
63 63.3 44.6 66.8  
89 83.3 63.4 95.2  
182 2.8 2.6 3.8



#58  
Fluorene  
Concen: 55.115 ng  
RT: 10.439 min Scan# 1419  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31



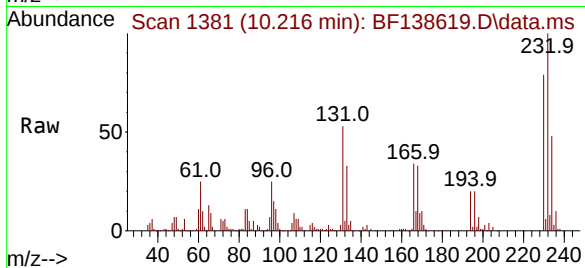
Tgt Ion:166 Resp: 576625  
Ion Ratio Lower Upper  
166 100  
165 97.7 79.1 118.7  
167 13.6 11.0 16.6



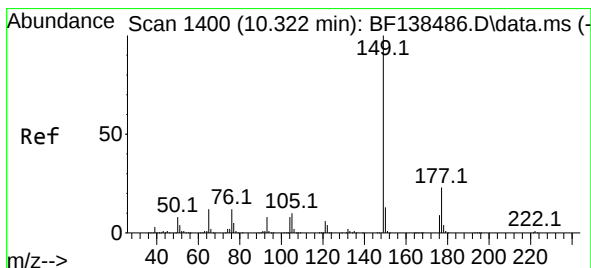
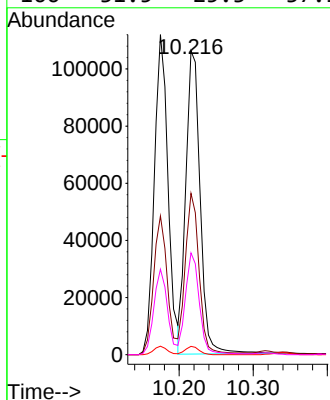
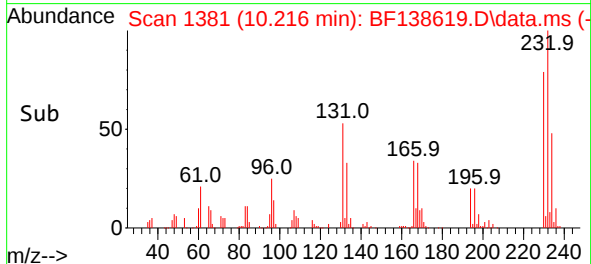


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.115 ng  
RT: 10.216 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

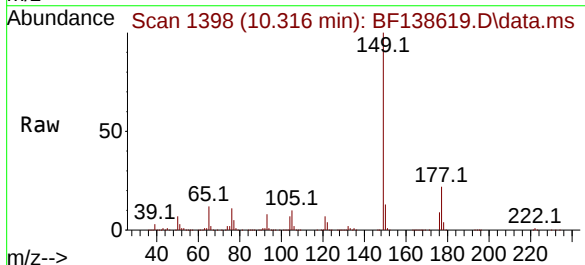
Instrument :  
BNA\_F  
ClientSampleId :



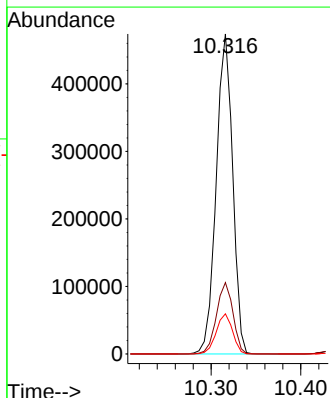
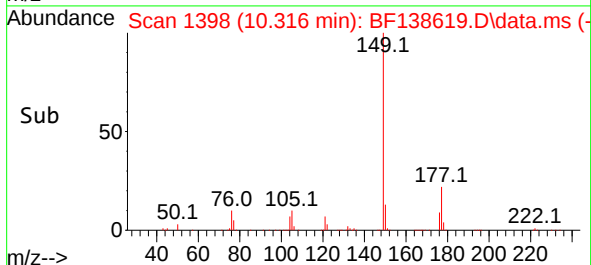
Tgt Ion:232 Resp: 143498  
Ion Ratio Lower Upper  
232 100  
131 50.6 37.5 56.3  
130 2.6 2.0 3.0  
166 31.5 25.3 37.9

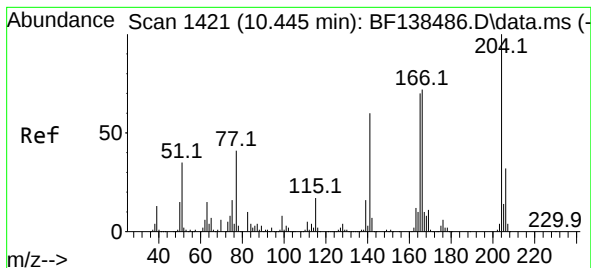


#60  
Diethylphthalate  
Concen: 57.294 ng  
RT: 10.316 min Scan# 1398  
Delta R.T. -0.006 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31



Tgt Ion:149 Resp: 602567  
Ion Ratio Lower Upper  
149 100  
177 22.3 18.5 27.7  
150 12.5 10.3 15.5

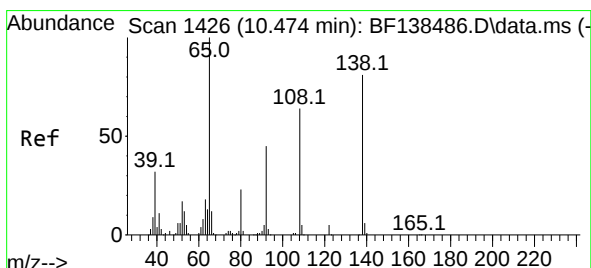
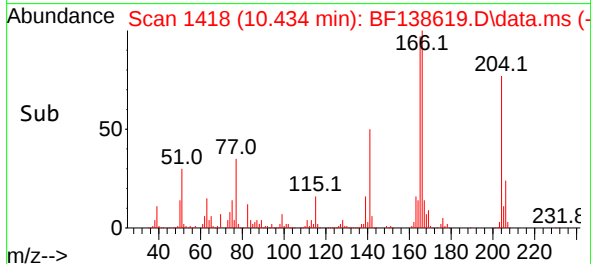
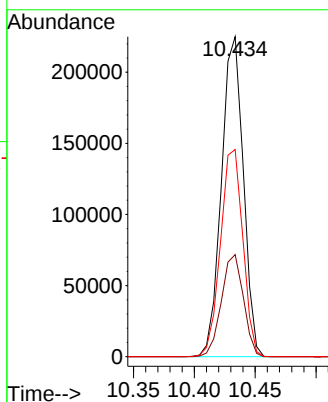
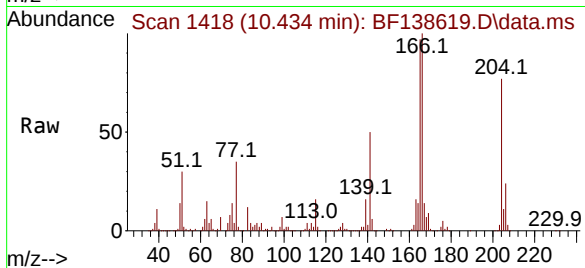




#61  
4-Chlorophenyl-phenylether  
Concen: 53.564 ng  
RT: 10.434 min Scan# 1418  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

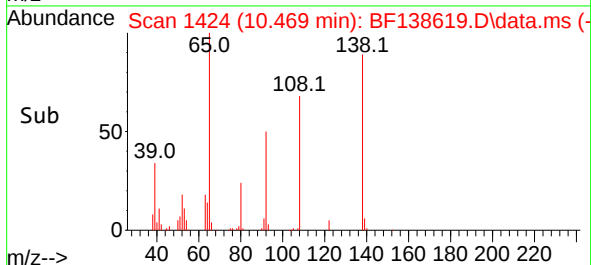
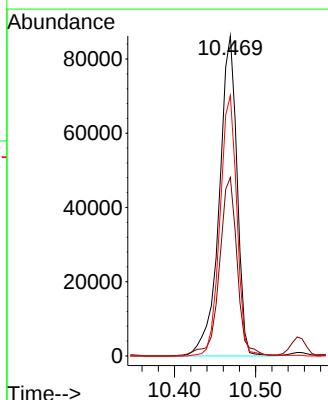
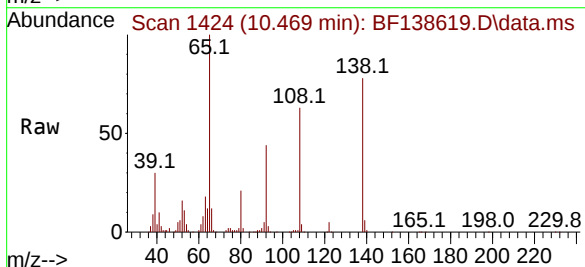
Instrument :  
BNA\_F  
ClientSampleId :

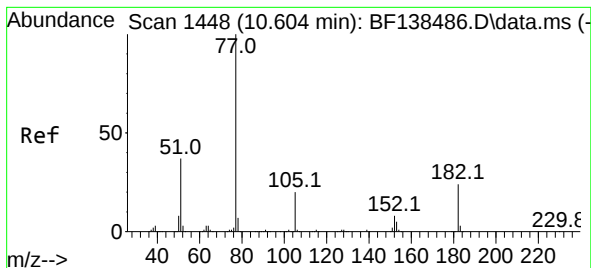
Tgt Ion:204 Resp: 281400  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.6 38.4  
141 64.8 47.7 71.5



#62  
4-Nitroaniline  
Concen: 50.993 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:138 Resp: 131554  
Ion Ratio Lower Upper  
138 100  
92 55.8 35.8 75.8  
108 81.4 59.8 99.8





#63

Azobenzene

Concen: 58.210 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.011 min

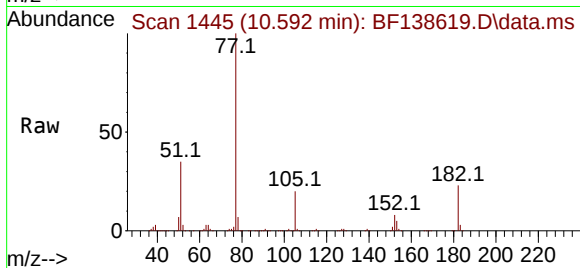
Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 77 Resp: 658204

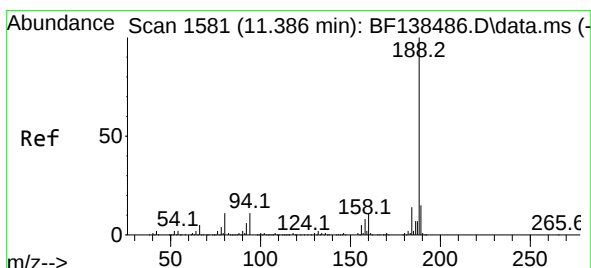
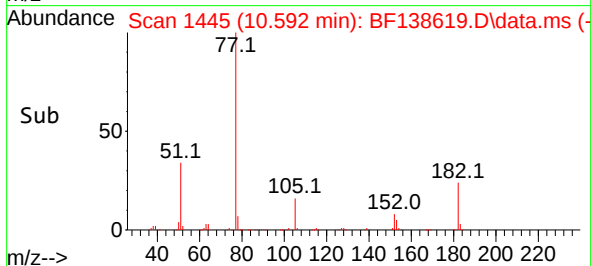
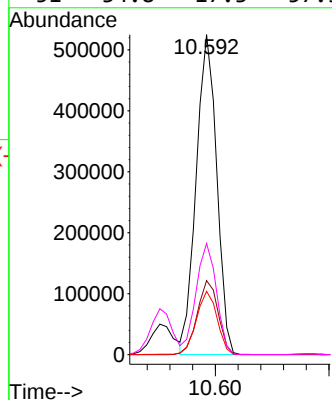
Ion Ratio Lower Upper

77 100

182 23.2 3.8 43.8

105 19.8 0.0 39.8

51 34.8 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

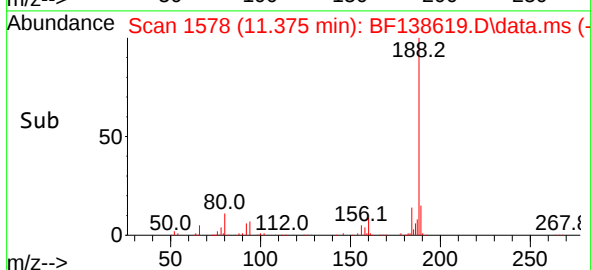
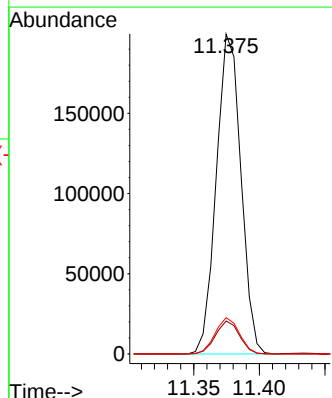
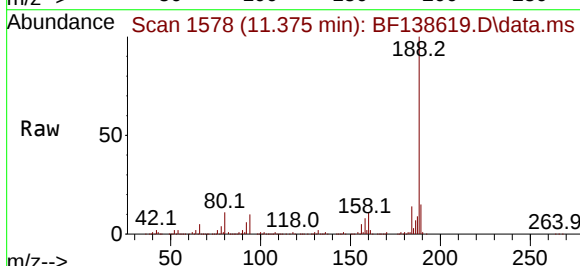
Tgt Ion: 188 Resp: 259776

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

80 11.3 9.0 13.4

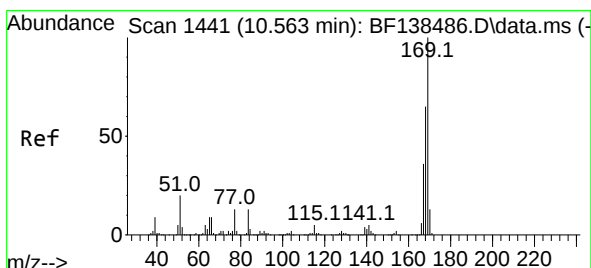
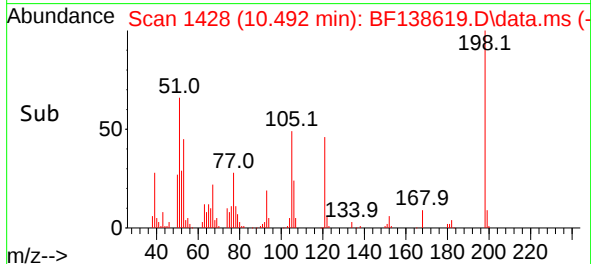
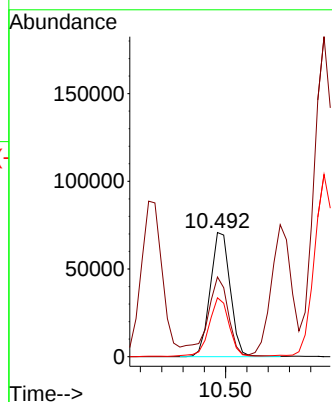
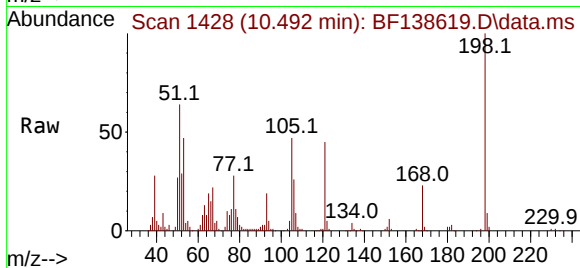




#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.693 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

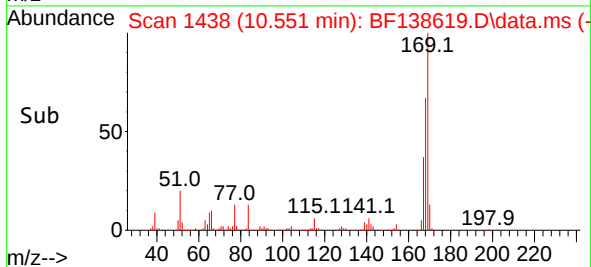
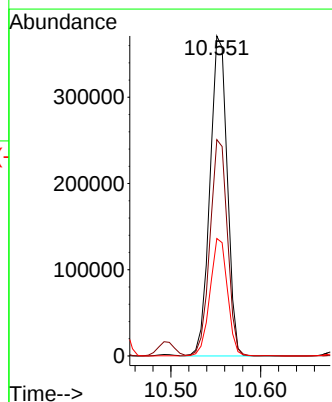
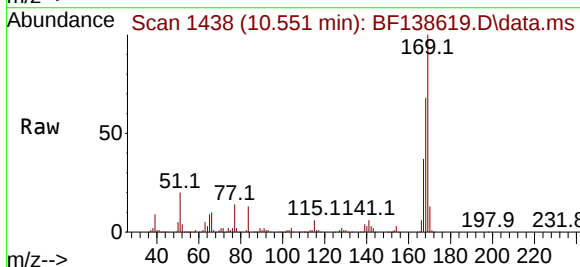
Instrument :  
BNA\_F  
ClientSampleId :

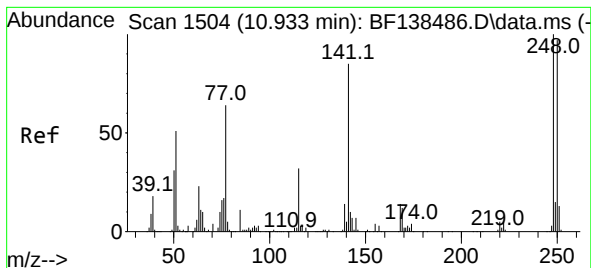
Tgt Ion:198 Resp: 92538  
Ion Ratio Lower Upper  
198 100  
51 64.2 27.2 67.2  
105 47.5 18.5 58.5



#66  
n-Nitrosodiphenylamine  
Concen: 63.610 ng  
RT: 10.551 min Scan# 1438  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:169 Resp: 495084  
Ion Ratio Lower Upper  
169 100  
168 67.6 51.7 77.5  
167 36.7 28.5 42.7

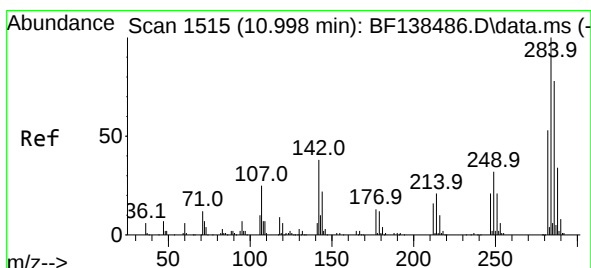
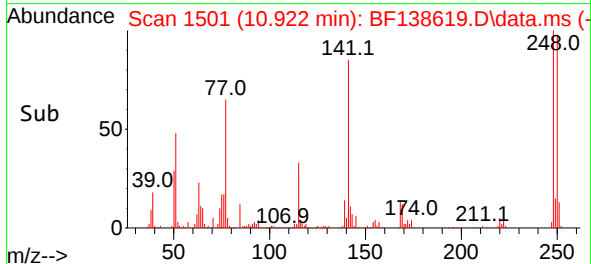
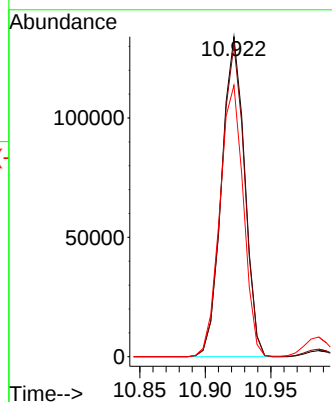
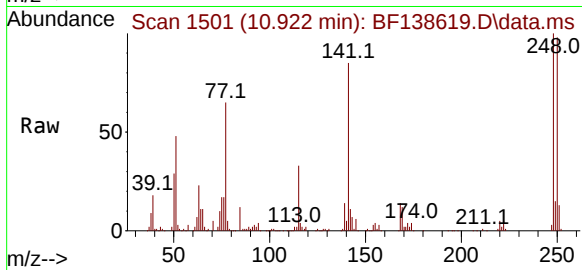




#67  
4-Bromophenyl-phenylether  
Concen: 61.314 ng  
RT: 10.922 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

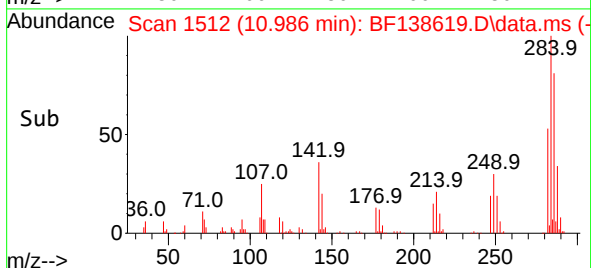
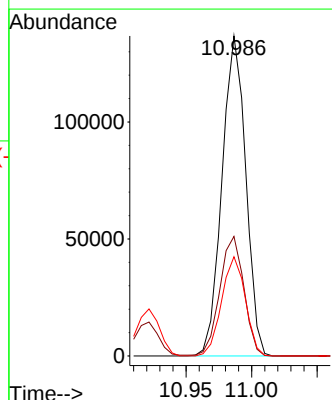
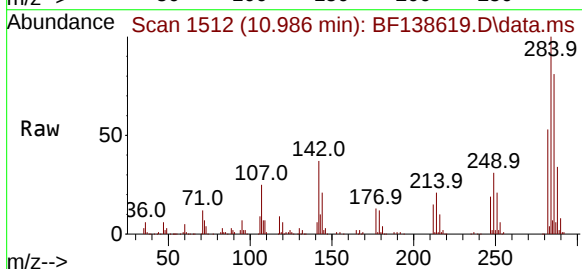
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:248 Resp: 163709  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.9 116.9  
141 84.8 67.7 101.5



#68  
Hexachlorobenzene  
Concen: 58.004 ng  
RT: 10.986 min Scan# 1512  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:284 Resp: 172049  
Ion Ratio Lower Upper  
284 100  
142 37.4 30.5 45.7  
249 31.0 25.9 38.9





#69

Atrazine

Concen: 57.312 ng

RT: 11.081 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

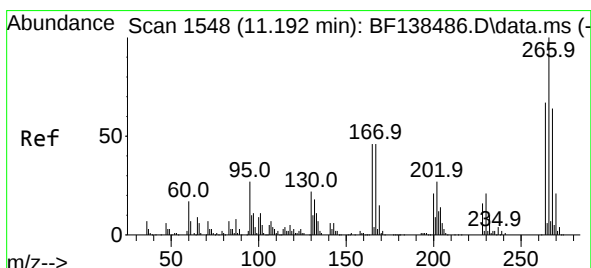
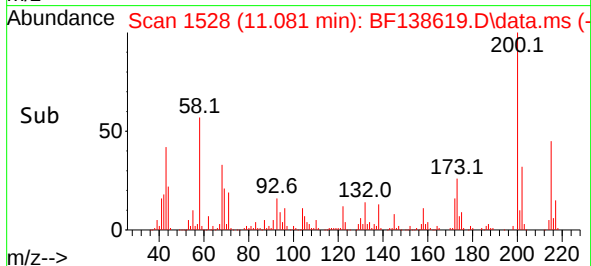
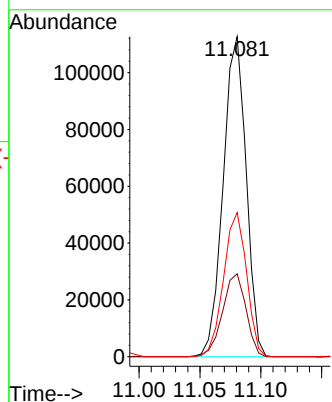
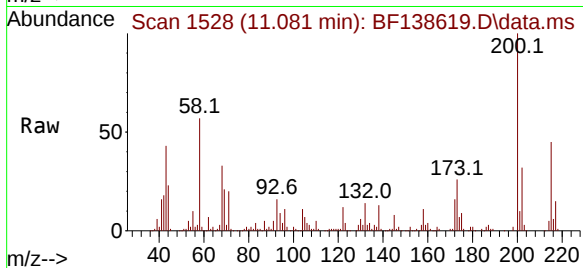
Tgt Ion:200 Resp: 147890

Ion Ratio Lower Upper

200 100

173 25.9 4.1 44.1

215 45.1 26.5 66.5



#70

Pentachlorophenol

Concen: 99.918 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

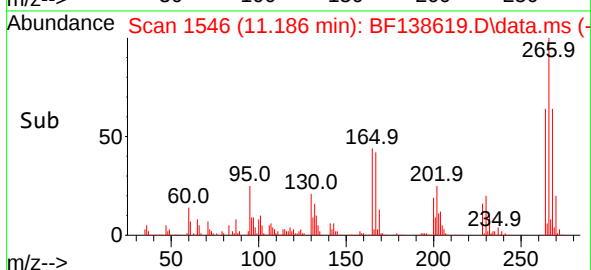
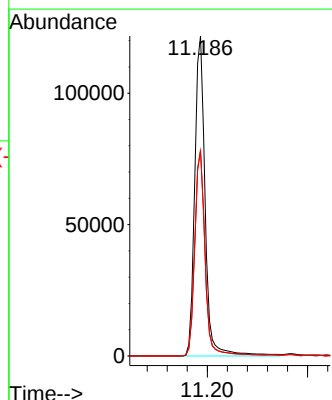
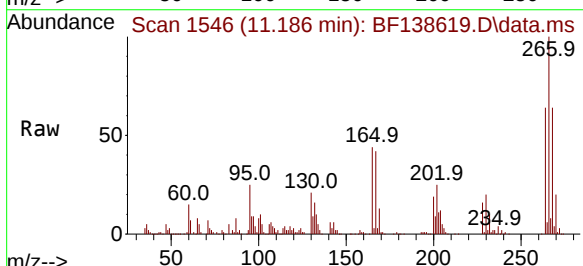
Tgt Ion:266 Resp: 175374

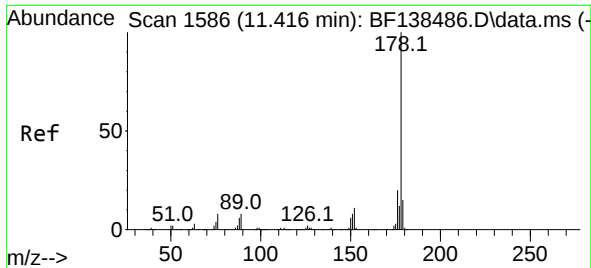
Ion Ratio Lower Upper

266 100

268 64.4 50.9 76.3

264 64.1 53.5 80.3

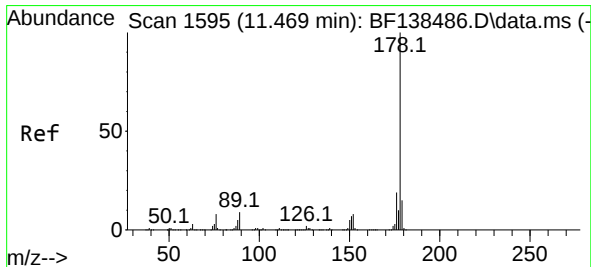
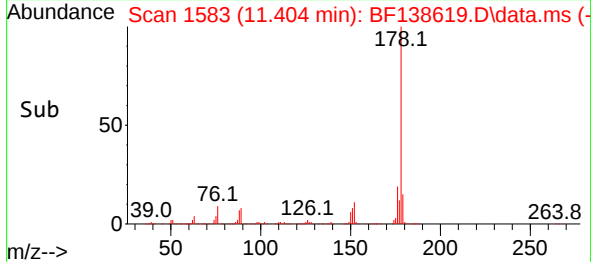
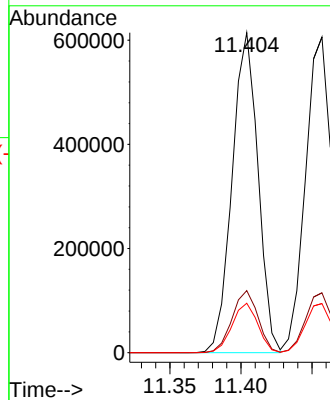
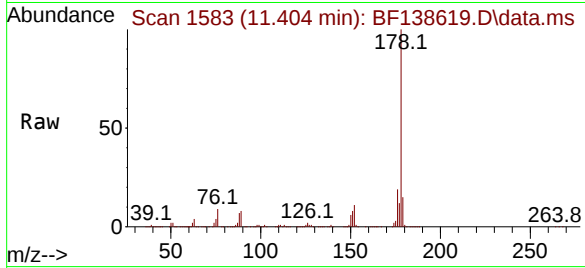




#71  
Phenanthrene  
Concen: 59.331 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

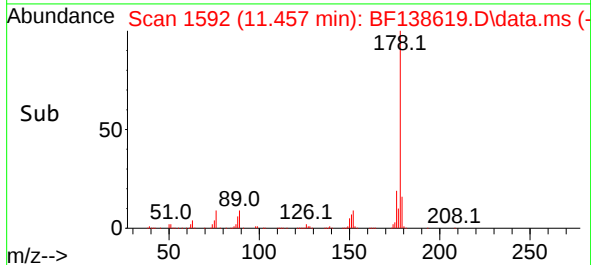
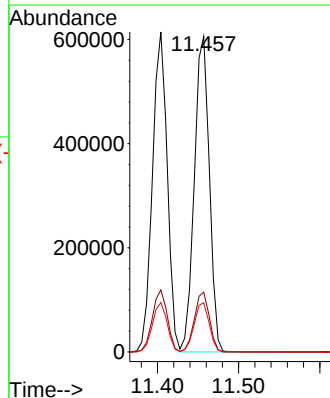
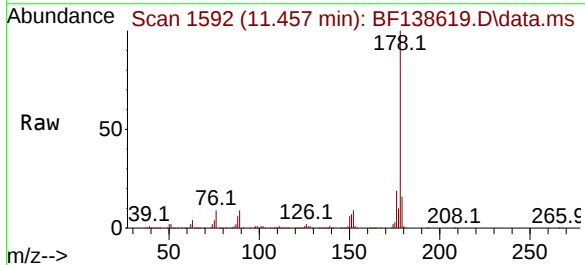
Instrument :  
BNA\_F  
ClientSampleId :

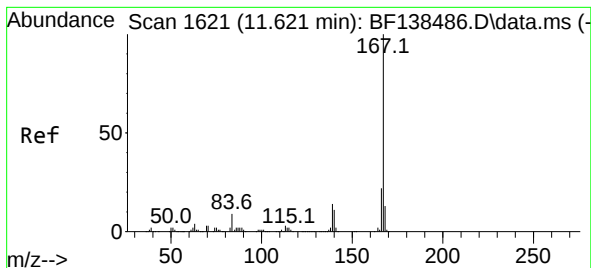
Tgt Ion:178 Resp: 778673  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.5 12.2 18.2



#72  
Anthracene  
Concen: 59.890 ng  
RT: 11.457 min Scan# 1592  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:178 Resp: 780235  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.8 22.2  
179 15.6 12.2 18.4





#73

Carbazole

Concen: 54.455 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

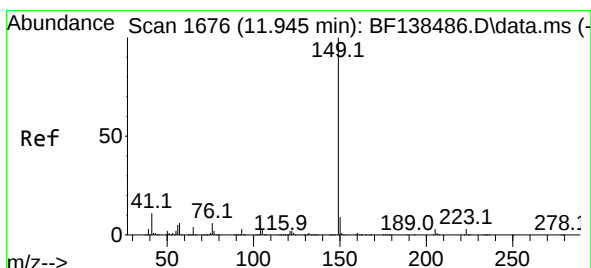
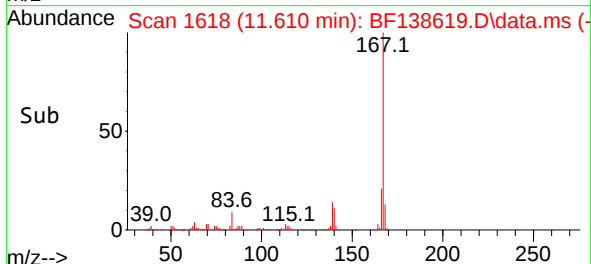
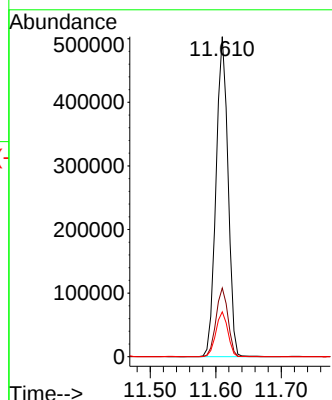
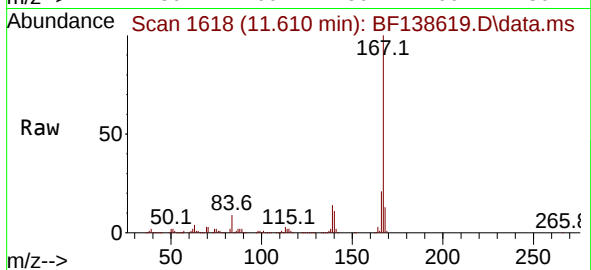
Tgt Ion:167 Resp: 637547

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

139 14.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 63.007 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

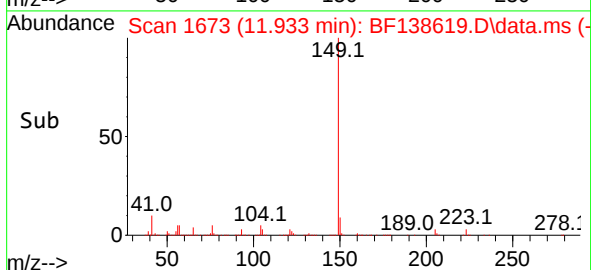
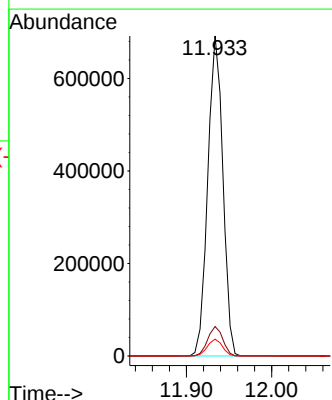
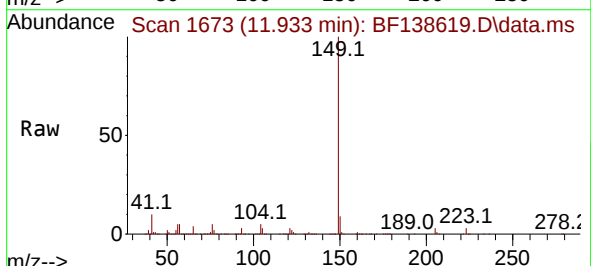
Tgt Ion:149 Resp: 850288

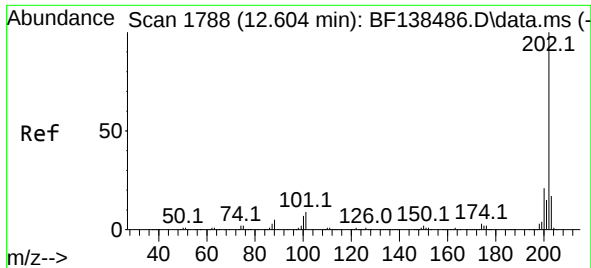
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 4.4 6.6

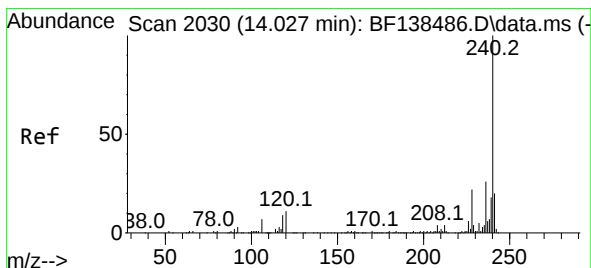
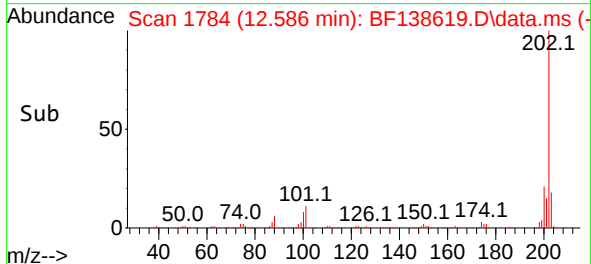
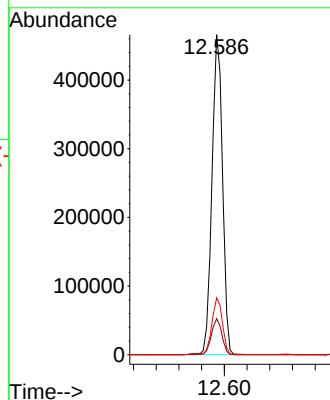
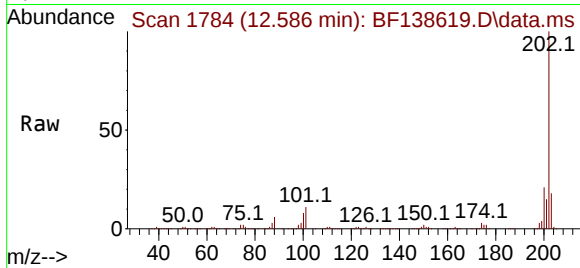




#75  
Fluoranthene  
Concen: 44.503 ng  
RT: 12.586 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

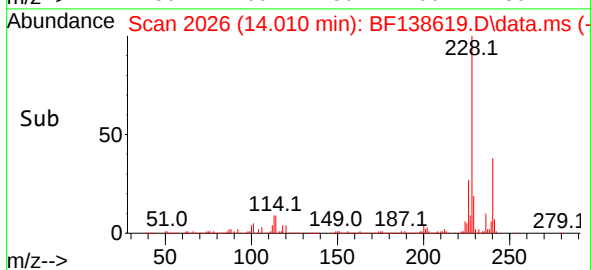
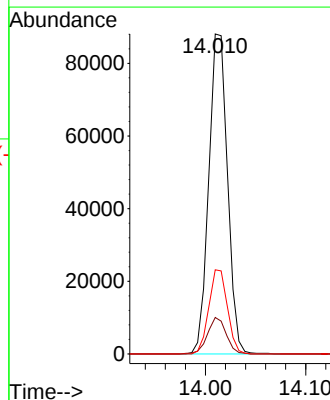
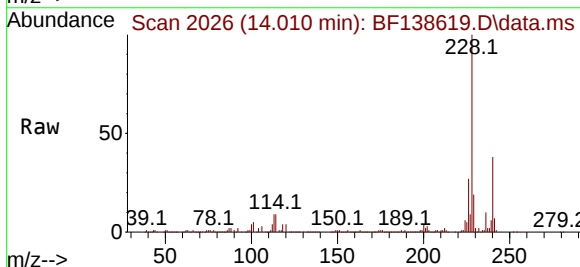
Instrument :  
BNA\_F  
ClientSampleId :

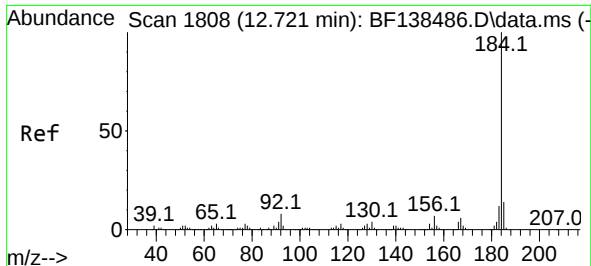
|             |              |
|-------------|--------------|
| Tgt Ion:202 | Resp: 595971 |
| Ion Ratio   | Lower Upper  |
| 202 100     |              |
| 101 11.2    | 0.0 29.2     |
| 203 17.8    | 0.0 37.3     |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2026  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

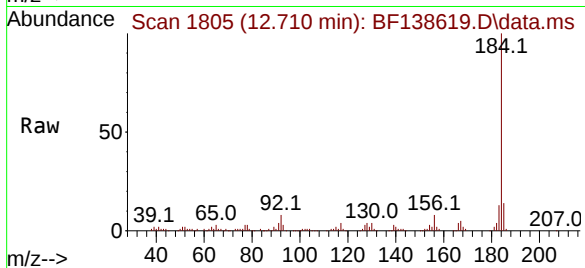
|             |              |
|-------------|--------------|
| Tgt Ion:240 | Resp: 114661 |
| Ion Ratio   | Lower Upper  |
| 240 100     |              |
| 120 11.4    | 8.6 12.8     |
| 236 26.3    | 21.0 31.6    |



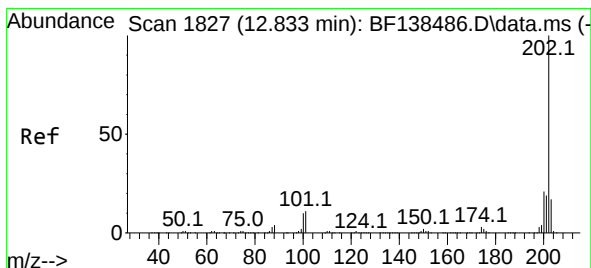
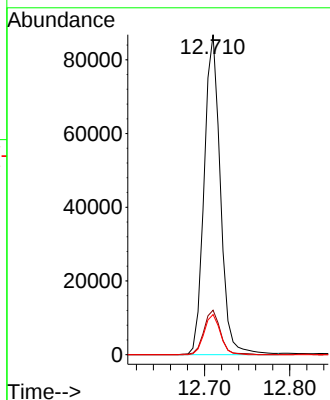
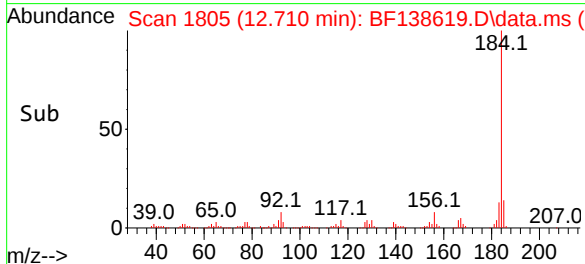


#77  
Benzidine  
Concen: 39.778 ng  
RT: 12.710 min Scan# 1805  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

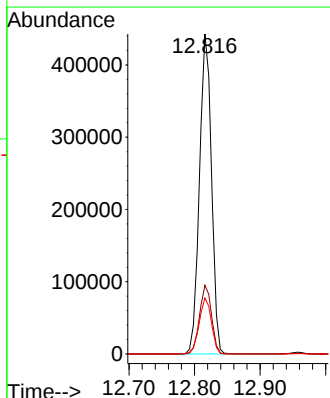
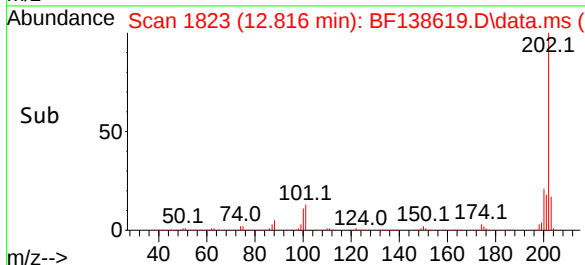
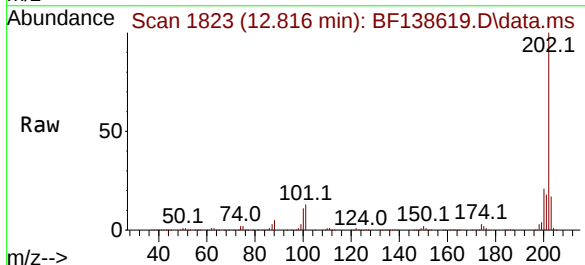


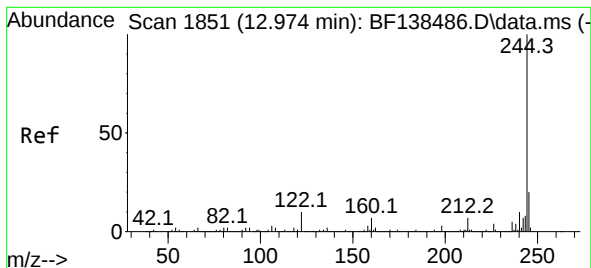
Tgt Ion:184 Resp: 115073  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.3 16.9  
183 12.5 9.5 14.3



#78  
Pyrene  
Concen: 48.595 ng  
RT: 12.816 min Scan# 1823  
Delta R.T. -0.017 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:202 Resp: 565632  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.0 25.6  
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 110.723 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.017 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

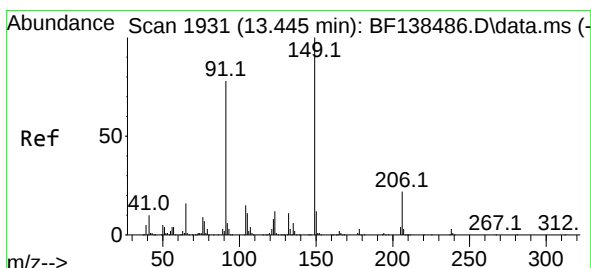
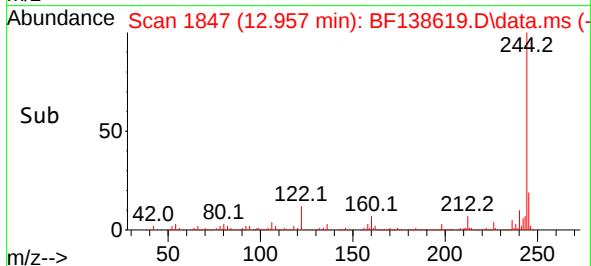
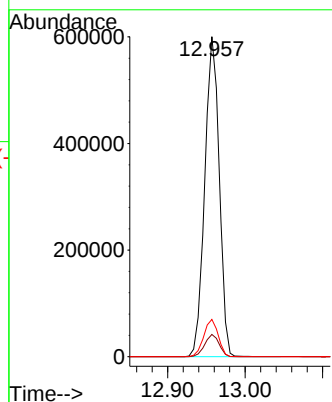
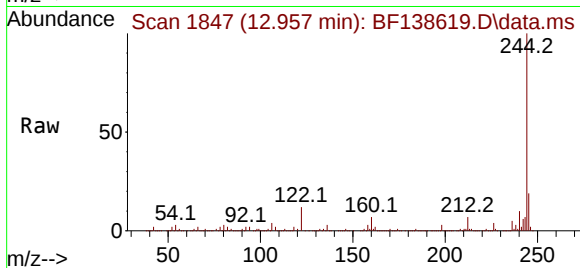
Tgt Ion:244 Resp: 779291

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.7 7.8 11.8



#80

Butylbenzylphthalate

Concen: 63.115 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.017 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

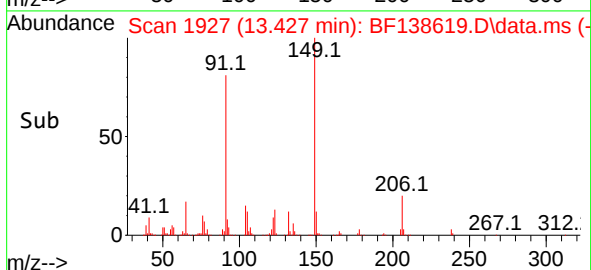
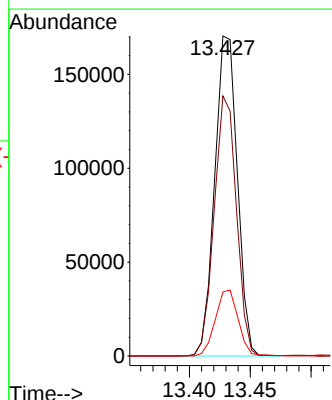
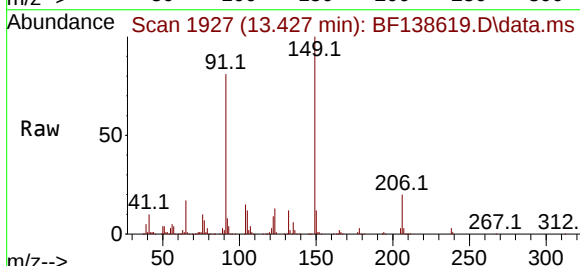
Tgt Ion:149 Resp: 220994

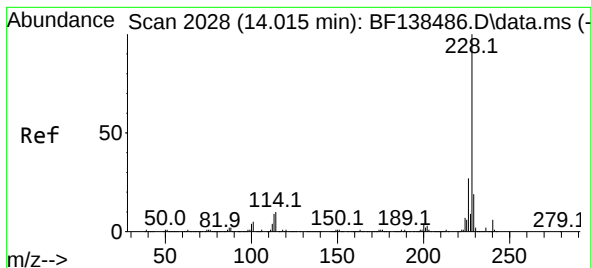
Ion Ratio Lower Upper

149 100

91 81.2 62.1 93.1

206 20.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 60.924 ng

RT: 14.004 min Scan# 2018

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

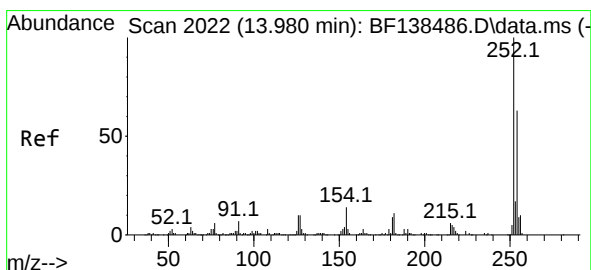
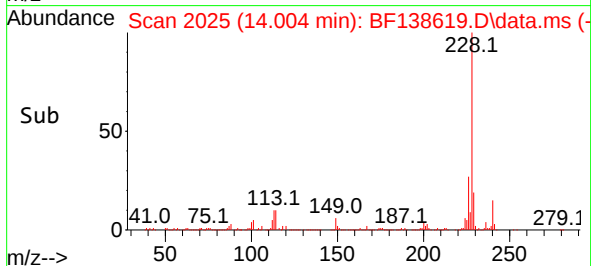
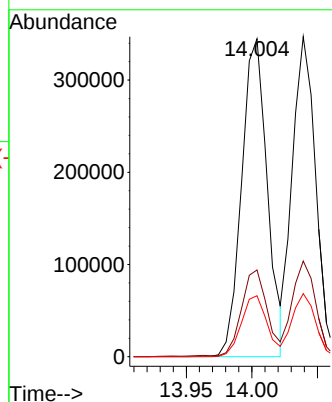
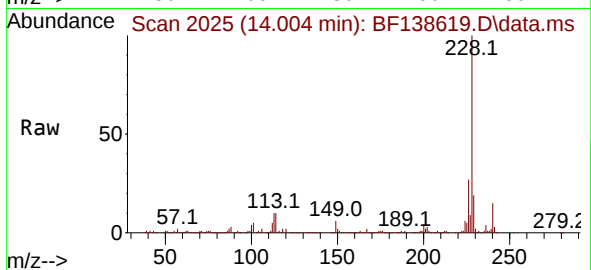
Tgt Ion:228 Resp: 468737

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 19.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 38.286 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

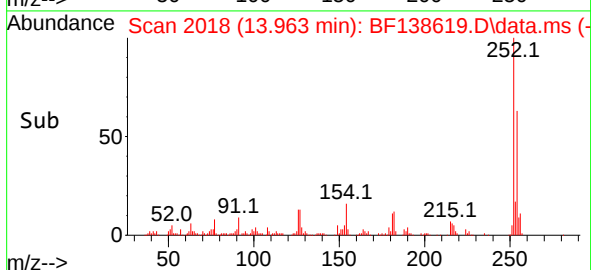
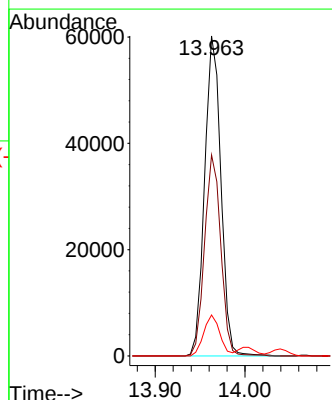
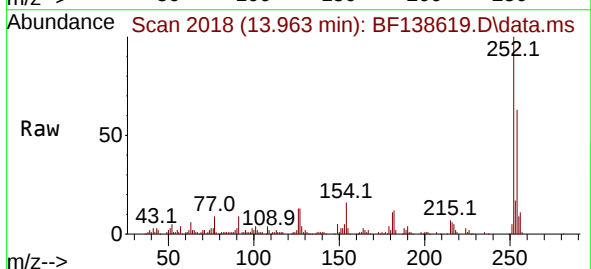
Tgt Ion:252 Resp: 75901

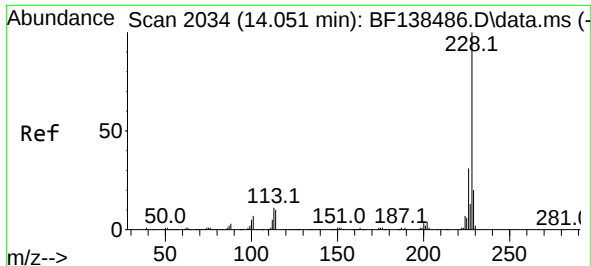
Ion Ratio Lower Upper

252 100

254 62.8 50.3 75.5

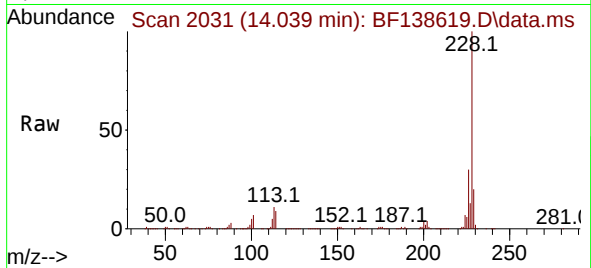
126 12.8 8.1 12.1#



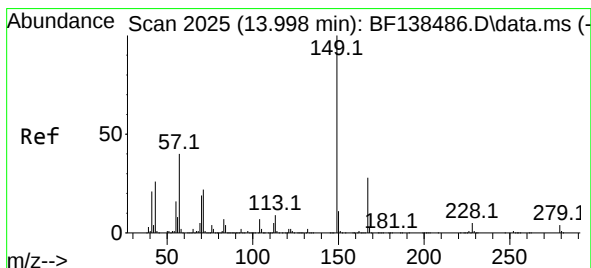
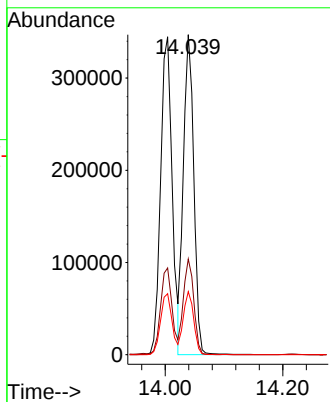
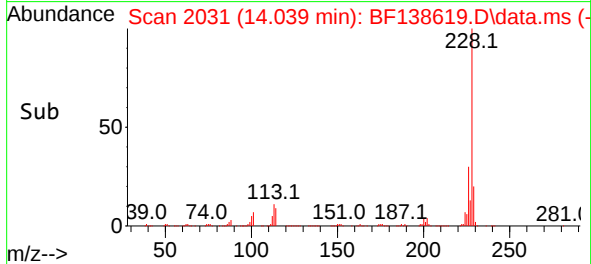


#83  
Chrysene  
Concen: 58.720 ng  
RT: 14.039 min Scan# 2034  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

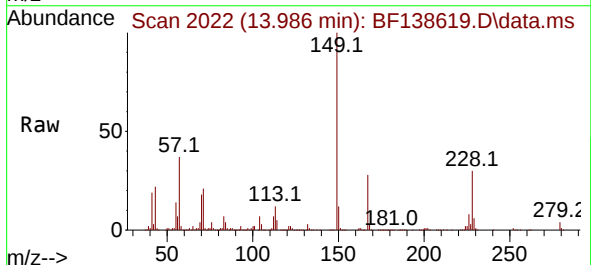
Instrument :  
BNA\_F  
ClientSampleId :



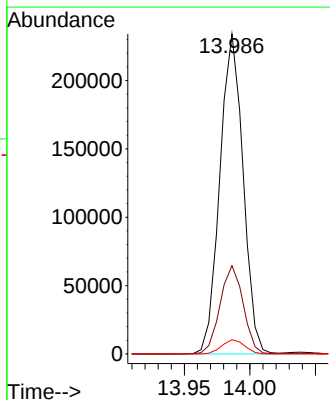
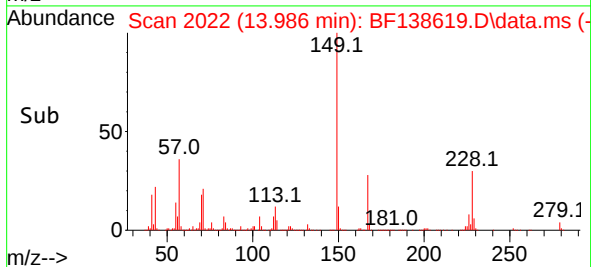
Tgt Ion:228 Resp: 427383  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.4 36.6  
229 19.7 16.0 24.0

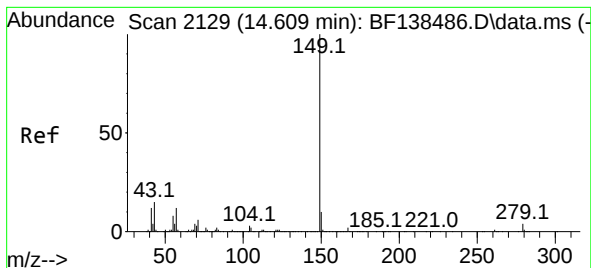


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 77.172 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31



Tgt Ion:149 Resp: 288185  
Ion Ratio Lower Upper  
149 100  
167 27.6 22.5 33.7  
279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 90.375 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

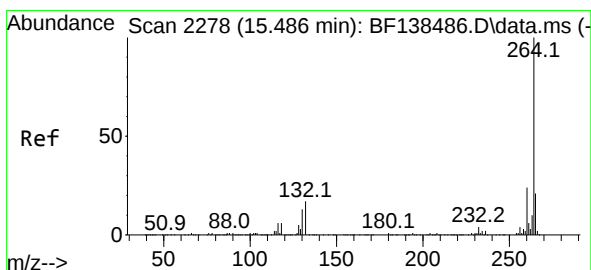
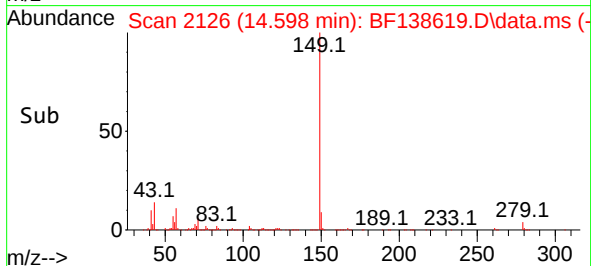
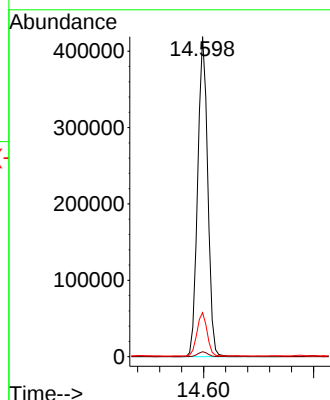
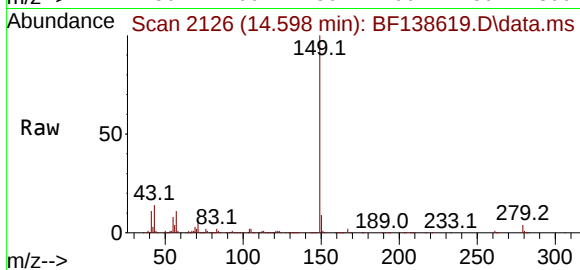
Tgt Ion:149 Resp: 533147

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.6 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

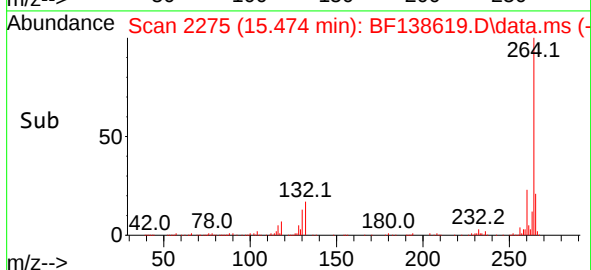
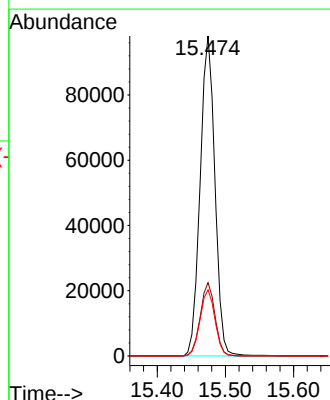
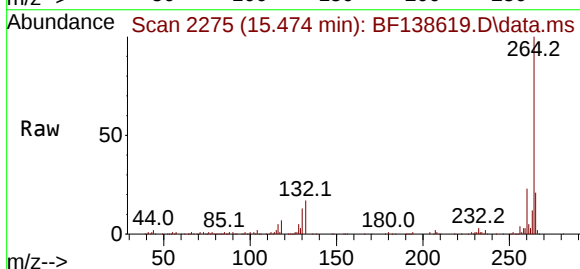
Tgt Ion:264 Resp: 147152

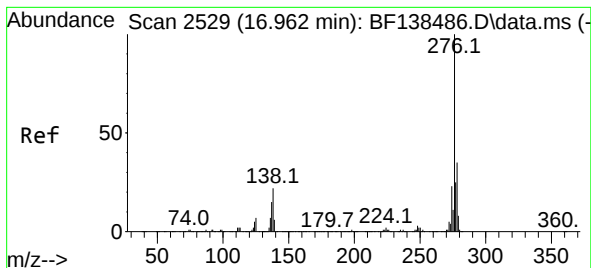
Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.226 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

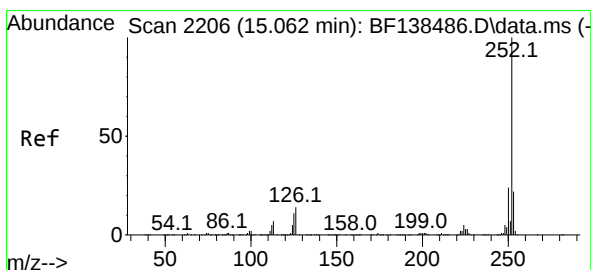
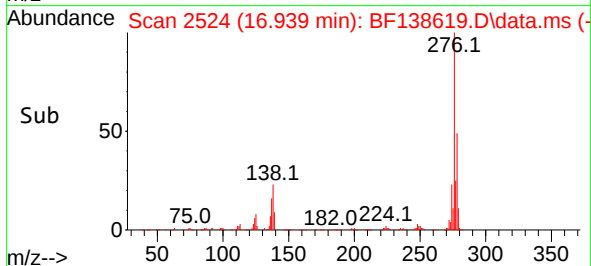
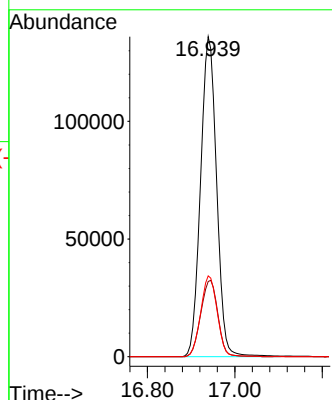
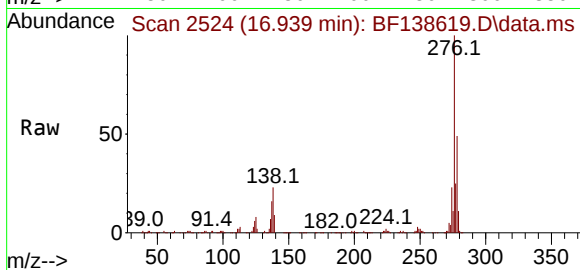
Tgt Ion:276 Resp: 348180

Ion Ratio Lower Upper

276 100

138 25.3 19.6 29.4

277 25.9 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 58.416 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

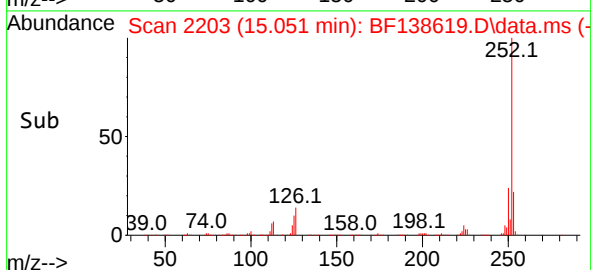
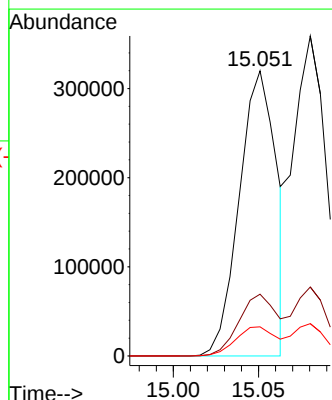
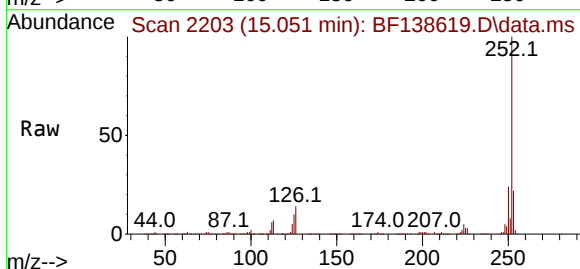
Tgt Ion:252 Resp: 484101

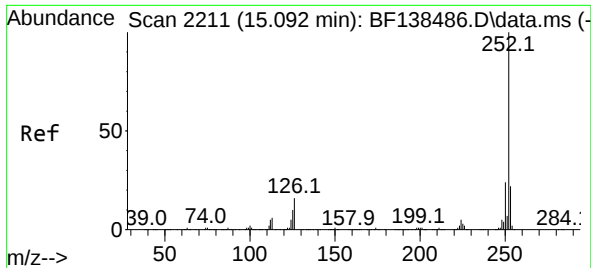
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

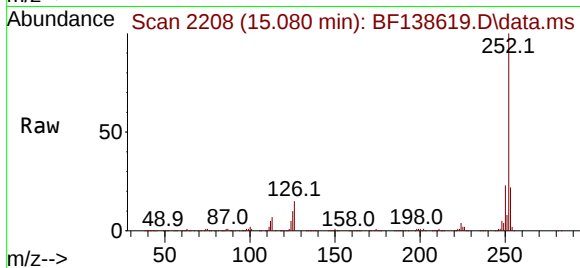
125 10.2 8.6 13.0



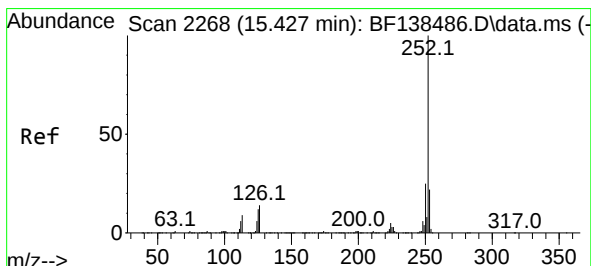
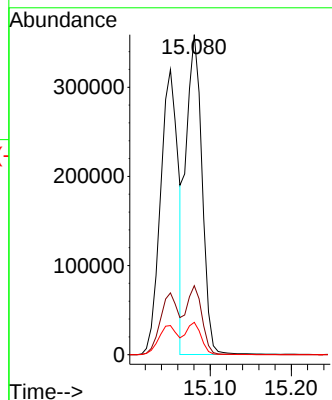
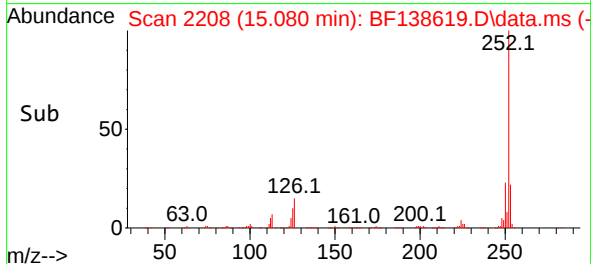


#89  
Benzo(k)fluoranthene  
Concen: 60.079 ng  
RT: 15.080 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :

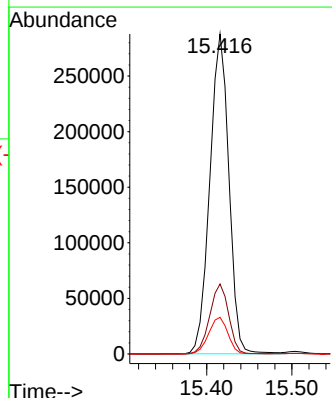
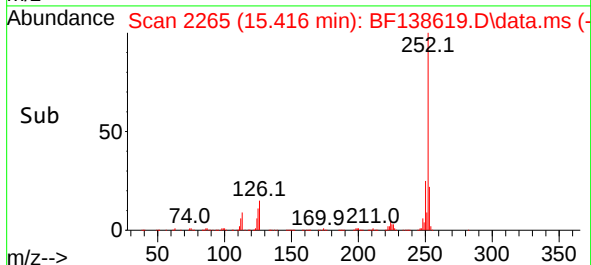
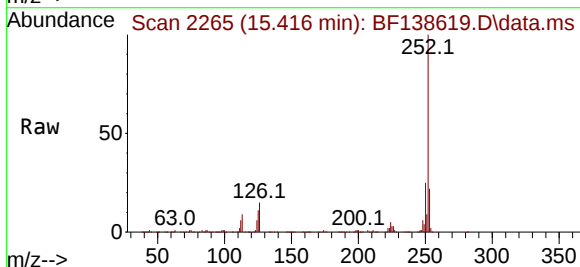


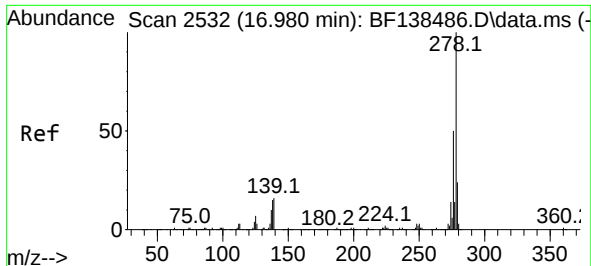
Tgt Ion:252 Resp: 485579  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.7 26.5  
125 10.1 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 61.365 ng  
RT: 15.416 min Scan# 2265  
Delta R.T. -0.011 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

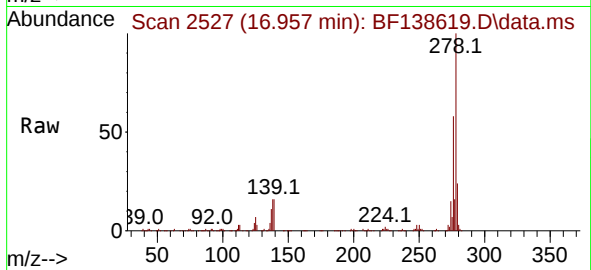
Tgt Ion:252 Resp: 446735  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 11.4 9.4 14.2



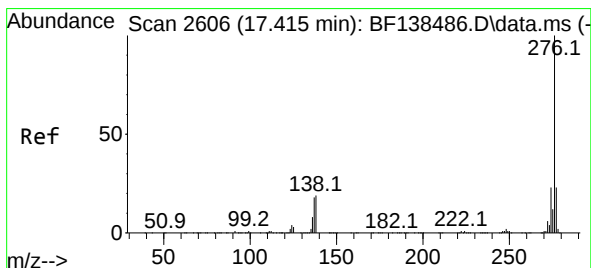
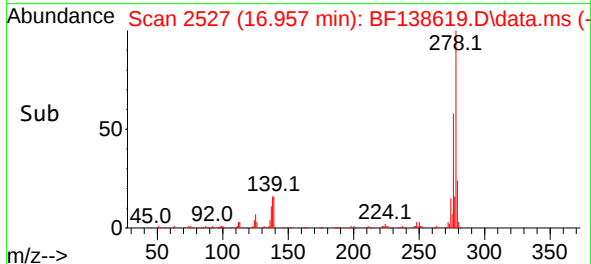
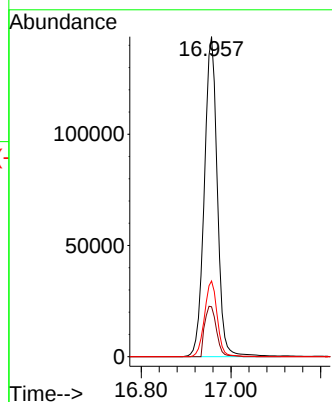


#91  
Dibenzo(a,h)anthracene  
Concen: 35.817 ng  
RT: 16.957 min Scan# 2527  
Delta R.T. -0.023 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 289595  
Ion Ratio Lower Upper  
278 100  
139 15.6 12.8 19.2  
279 23.7 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 28.650 ng  
RT: 17.380 min Scan# 2599  
Delta R.T. -0.035 min  
Lab File: BF138619.D  
Acq: 23 Jul 2024 15:31

Tgt Ion:276 Resp: 245637  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.0 27.0  
138 21.5 15.5 23.3

