

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042225\  
 Data File : BF142210.D  
 Acq On : 22 Apr 2025 14:11  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 22 15:10:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 22 02:14:30 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.869  | 152  | 390162   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.151  | 136  | 1490549  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.904  | 164  | 837728   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.392 | 188  | 1387409  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.033 | 240  | 777716   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.504 | 264  | 953582   | 20.000 | ng    | 0.00     |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.481  | 112 | 1558515 | 74.891 | ng | 0.00 |
| 7) Phenol-d6                | 6.492  | 99  | 1962826 | 75.314 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.428  | 82  | 1783908 | 75.163 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330 | 823026  | 71.855 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.222  | 172 | 3796882 | 73.874 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.974 | 244 | 3676448 | 79.195 | ng | 0.00 |

|                               |       |     |         |        |         |
|-------------------------------|-------|-----|---------|--------|---------|
| Target Compounds              |       |     |         |        | Qvalue  |
| 2) 1,4-Dioxane                | 2.604 | 88  | 275984  | 32.671 | ng 96   |
| 3) Pyridine                   | 3.375 | 79  | 662955  | 36.158 | ng 99   |
| 4) n-Nitrosodimethylamine     | 3.316 | 42  | 272648  | 36.623 | ng # 95 |
| 6) Aniline                    | 6.528 | 93  | 878614  | 36.511 | ng 97   |
| 8) 2-Chlorophenol             | 6.651 | 128 | 883471  | 37.088 | ng 98   |
| 9) Benzaldehyde               | 6.416 | 77  | 518470  | 36.234 | ng 99   |
| 10) Phenol                    | 6.510 | 94  | 1041021 | 37.871 | ng 98   |
| 11) bis(2-Chloroethyl)ether   | 6.604 | 93  | 741628  | 35.776 | ng 98   |
| 12) 1,3-Dichlorobenzene       | 6.810 | 146 | 986001  | 36.527 | ng 99   |
| 13) 1,4-Dichlorobenzene       | 6.886 | 146 | 998310  | 36.059 | ng 99   |
| 14) 1,2-Dichlorobenzene       | 7.039 | 146 | 945229  | 36.700 | ng 98   |
| 15) Benzyl Alcohol            | 7.010 | 79  | 742392  | 39.068 | ng 99   |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45  | 750685  | 37.360 | ng 97   |
| 17) 2-Methylphenol            | 7.116 | 107 | 673463  | 37.564 | ng 98   |
| 18) Hexachloroethane          | 7.381 | 117 | 358394  | 38.106 | ng 97   |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70  | 557433  | 37.824 | ng 98   |
| 20) 3+4-Methylphenols         | 7.269 | 107 | 864129  | 38.755 | ng 94   |
| 22) Acetophenone              | 7.275 | 105 | 1199418 | 36.660 | ng 97   |
| 24) Nitrobenzene              | 7.451 | 77  | 886795  | 37.715 | ng 99   |
| 25) Isophorone                | 7.686 | 82  | 1476859 | 37.070 | ng 99   |
| 26) 2-Nitrophenol             | 7.763 | 139 | 507591  | 41.069 | ng 97   |
| 27) 2,4-Dimethylphenol        | 7.798 | 122 | 602202  | 37.473 | ng 99   |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93  | 971684  | 37.162 | ng 99   |
| 29) 2,4-Dichlorophenol        | 8.004 | 162 | 796342  | 36.435 | ng 98   |
| 30) 1,2,4-Trichlorobenzene    | 8.092 | 180 | 914103  | 35.763 | ng 100  |
| 31) Naphthalene               | 8.169 | 128 | 2669065 | 37.907 | ng 99   |
| 32) Benzoic acid              | 7.910 | 122 | 486450  | 34.933 | ng 98   |
| 33) 4-Chloroaniline           | 8.222 | 127 | 920273  | 36.096 | ng 99   |
| 34) Hexachlorobutadiene       | 8.286 | 225 | 603040  | 35.751 | ng 98   |
| 35) Caprolactam               | 8.580 | 113 | 217693  | 37.336 | ng 92   |
| 36) 4-Chloro-3-methylphenol   | 8.698 | 107 | 808893  | 36.765 | ng 99   |
| 37) 2-Methylnaphthalene       | 8.863 | 142 | 1771486 | 36.404 | ng 99   |
| 38) 1-Methylnaphthalene       | 8.963 | 142 | 1720573 | 36.518 | ng 100  |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 969124  | 35.356 | ng 99   |
| 41) Hexachlorocyclopentadiene | 9.016 | 237 | 304734  | 36.256 | ng 99   |
| 43) 2,4,6-Trichlorophenol     | 9.139 | 196 | 581348  | 36.328 | ng 99   |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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 SSTDCCC040

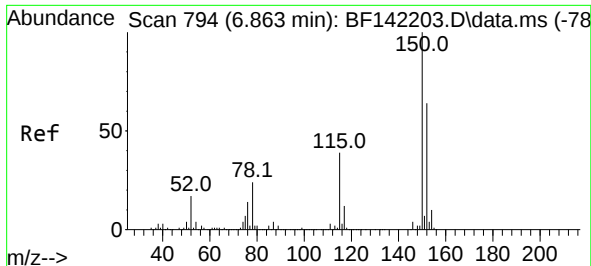
Quant Time: Apr 22 15:10:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 22 02:14:30 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.180  | 196  | 614311   | 35.813 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 2269501  | 37.780 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 1697350  | 36.402 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 424788   | 38.865 | ng    | 94       |
| 49) Acenaphthylene            | 9.769  | 152  | 2446730  | 37.124 | ng    | 99       |
| 50) Dimethylphthalate         | 9.622  | 163  | 1983716  | 36.932 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 443208   | 36.753 | ng    | 98       |
| 52) Acenaphthene              | 9.939  | 154  | 1751751  | 36.884 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 410794   | 35.552 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 231384   | 39.176 | ng    | 96       |
| 55) Dibenzofuran              | 10.110 | 168  | 2475214  | 37.175 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 293716   | 34.750 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 588403   | 37.778 | ng    | 99       |
| 58) Fluorene                  | 10.451 | 166  | 1904798  | 36.982 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.227 | 232  | 558460   | 36.416 | ng    | 100      |
| 60) Diethylphthalate          | 10.322 | 149  | 1866878  | 37.222 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 1021558  | 36.021 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 386520   | 35.193 | ng    | 99       |
| 63) Azobenzene                | 10.604 | 77   | 1615035  | 36.980 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 329979   | 40.745 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 1585787  | 37.293 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 655610   | 35.932 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 764272   | 35.198 | ng    | 97       |
| 69) Atrazine                  | 11.086 | 200  | 474910   | 45.766 | ng    | 99       |
| 70) Pentachlorophenol         | 11.198 | 266  | 401505   | 36.247 | ng    | 99       |
| 71) Phenanthrene              | 11.416 | 178  | 2606889  | 37.837 | ng    | 98       |
| 72) Anthracene                | 11.469 | 178  | 2625095  | 38.106 | ng    | 98       |
| 73) Carbazole                 | 11.621 | 167  | 2171037  | 36.073 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 2457628  | 39.454 | ng    | 99       |
| 75) Fluoranthene              | 12.604 | 202  | 2550696  | 35.616 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 409464   | 40.799 | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 2509215  | 40.623 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 664070   | 44.418 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 1732930  | 36.789 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 545445   | 38.885 | ng    | 100      |
| 83) Chrysene                  | 14.057 | 228  | 1640659  | 36.150 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 922062   | 46.101 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 1778874  | 50.216 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.998 | 276  | 2534368  | 37.880 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 1861922  | 34.803 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 1820142  | 34.446 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 1748823  | 36.526 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.009 | 278  | 2074575  | 38.012 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.445 | 276  | 2138331  | 37.617 | ng    | 100      |

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

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QLast Update : Tue Apr 22 02:14:30 2025  
Response via : Initial Calibration

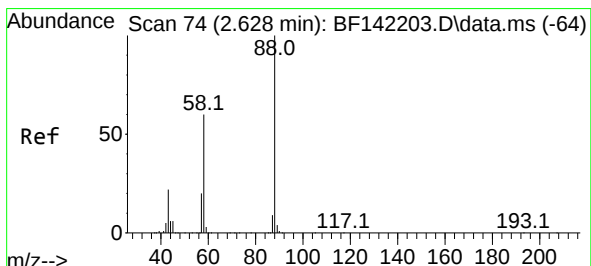
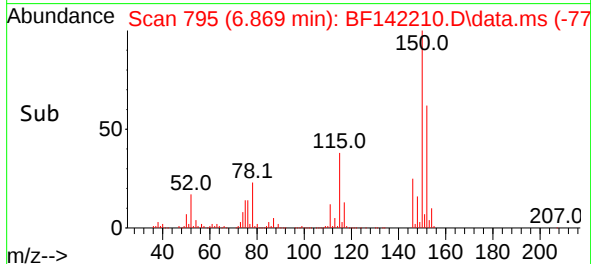
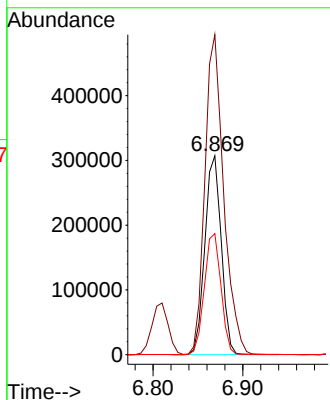
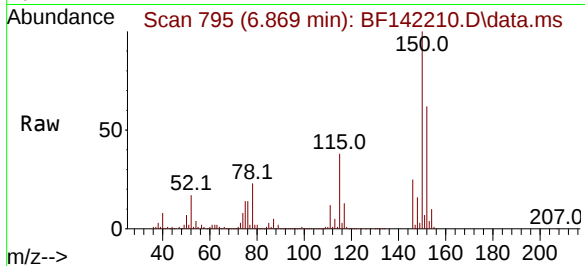




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 79  
 Delta R.T. 0.006 min  
 Lab File: BF142210.D  
 Acq: 22 Apr 2025 14:11

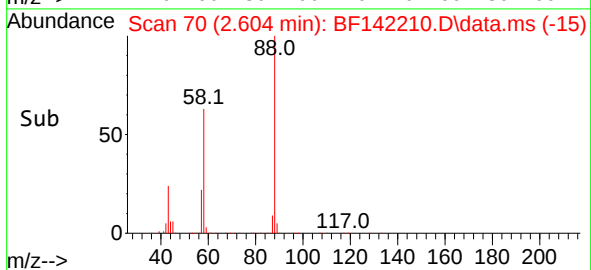
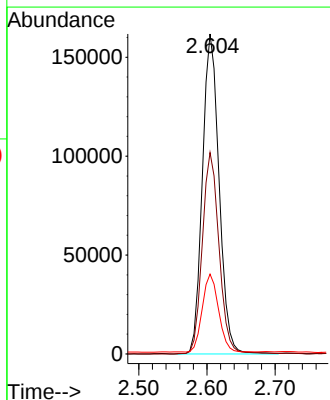
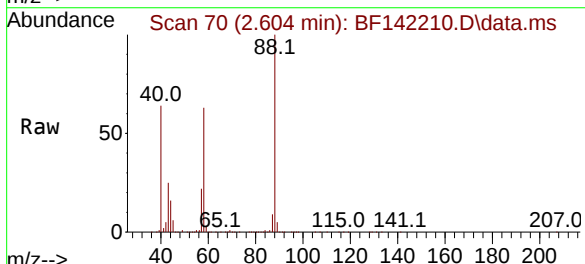
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

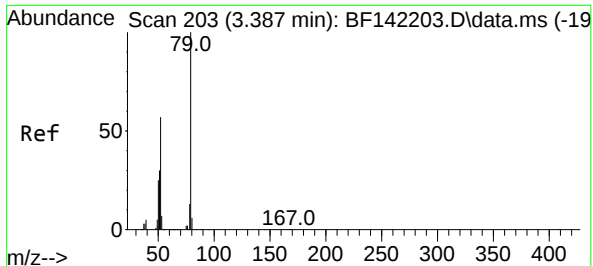
Tgt Ion:152 Resp: 390162  
 Ion Ratio Lower Upper  
 152 100  
 150 160.9 126.4 189.6  
 115 60.9 49.4 74.2



#2  
 1,4-Dioxane  
 Concen: 32.671 ng  
 RT: 2.604 min Scan# 70  
 Delta R.T. -0.024 min  
 Lab File: BF142210.D  
 Acq: 22 Apr 2025 14:11

Tgt Ion: 88 Resp: 275984  
 Ion Ratio Lower Upper  
 88 100  
 58 63.1 47.8 71.6  
 43 23.9 17.8 26.8

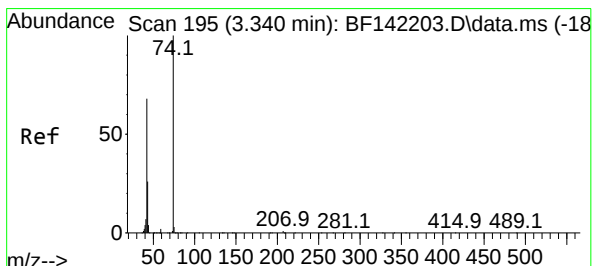
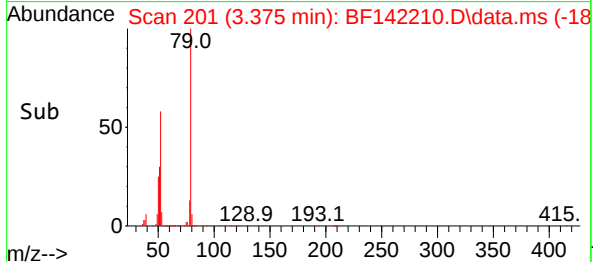
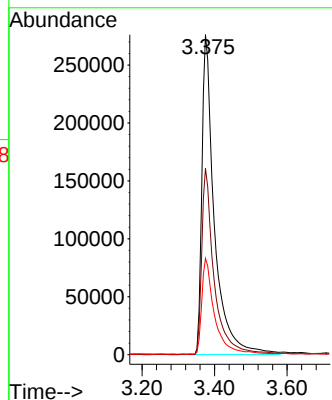
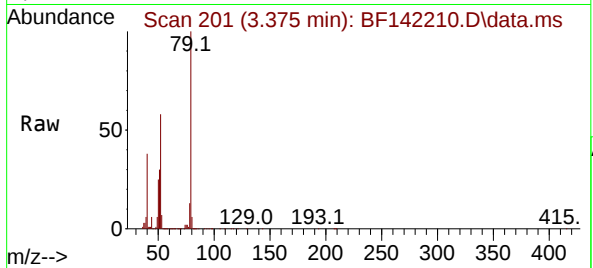




#3  
Pyridine  
Concen: 36.158 ng  
RT: 3.375 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

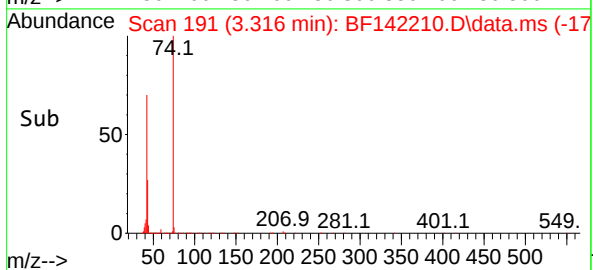
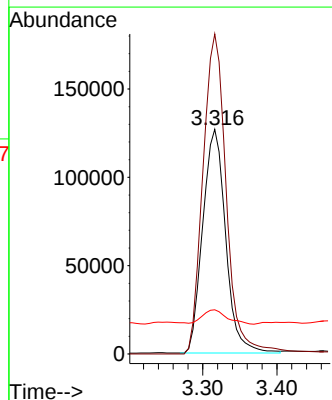
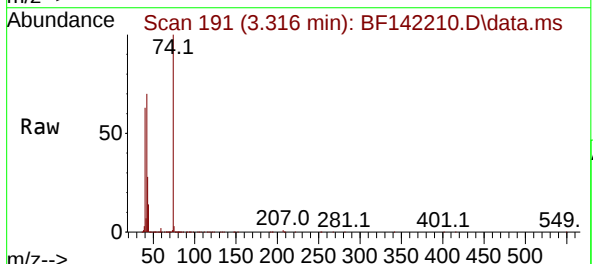
Instrument :  
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ClientSampleId :  
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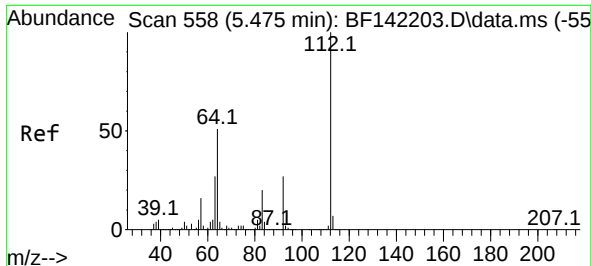
Tgt Ion: 79 Resp: 662955  
Ion Ratio Lower Upper  
79 100  
52 58.2 45.8 68.8  
51 30.1 23.8 35.6



#4  
n-Nitrosodimethylamine  
Concen: 36.623 ng  
RT: 3.316 min Scan# 191  
Delta R.T. -0.024 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion: 42 Resp: 272648  
Ion Ratio Lower Upper  
42 100  
74 142.5 117.4 176.0  
44 19.7 9.5 14.3#

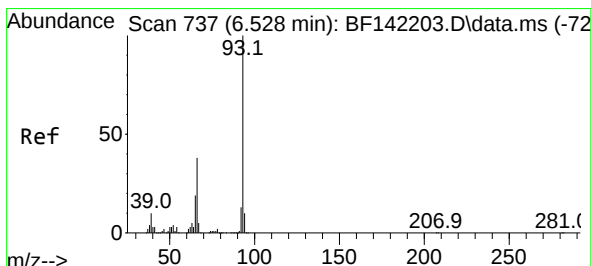
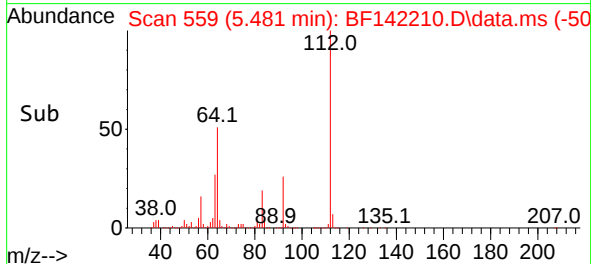
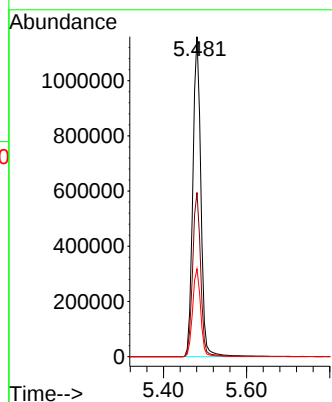
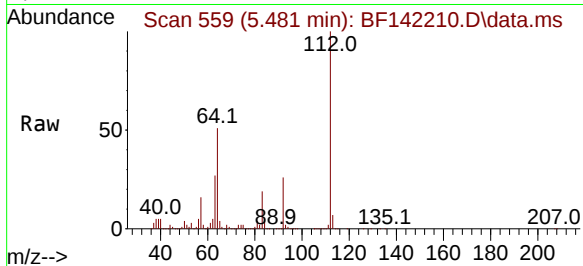




#5  
2-Fluorophenol  
Concen: 74.891 ng  
RT: 5.481 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

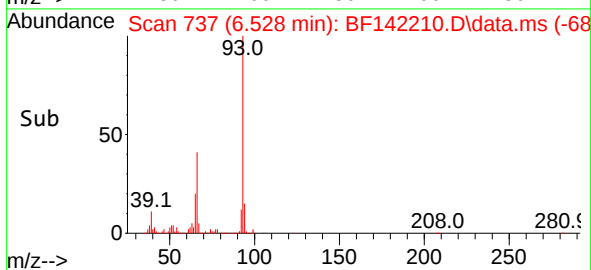
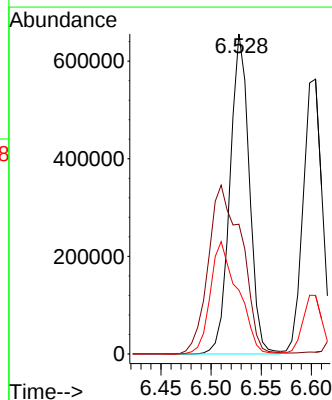
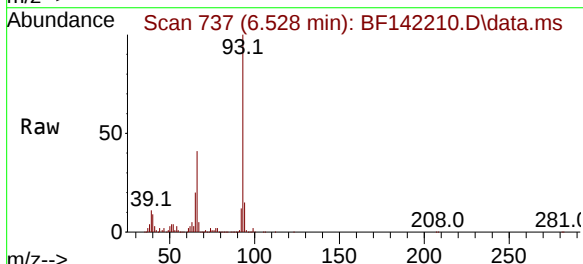
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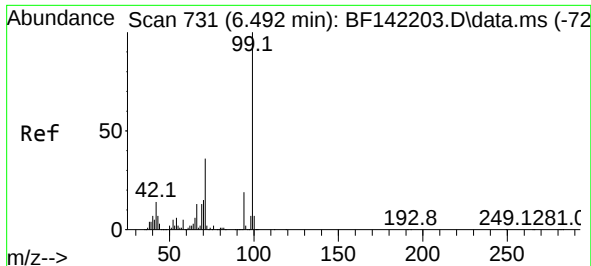
Tgt Ion:112 Resp: 1558515  
Ion Ratio Lower Upper  
112 100  
64 51.3 40.9 61.3  
63 27.5 22.0 33.0



#6  
Aniline  
Concen: 36.511 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion: 93 Resp: 878614  
Ion Ratio Lower Upper  
93 100  
66 40.5 30.9 46.3  
65 20.0 15.1 22.7

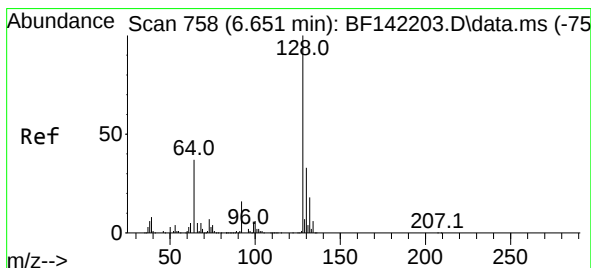
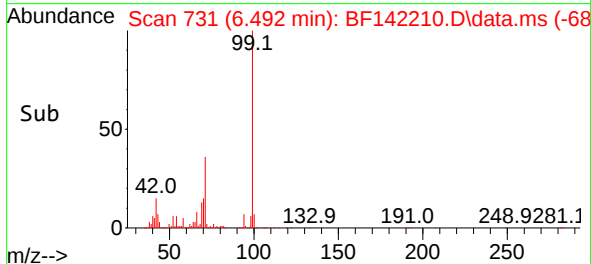
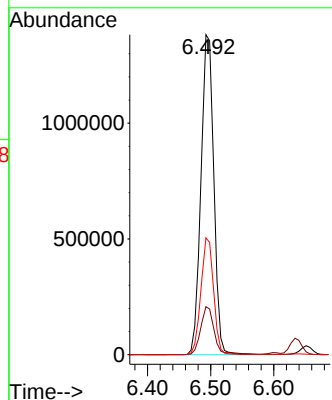
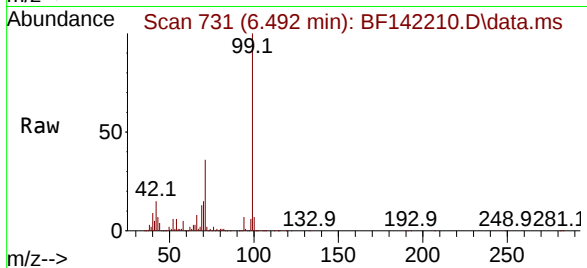




#7  
Phenol-d6  
Concen: 75.314 ng  
RT: 6.492 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

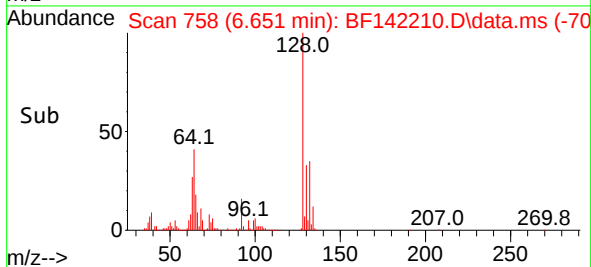
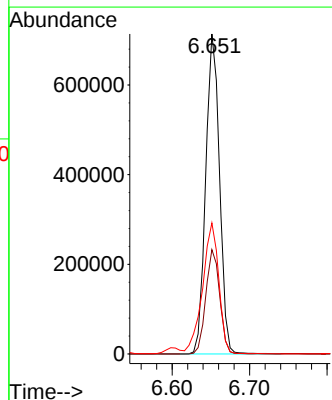
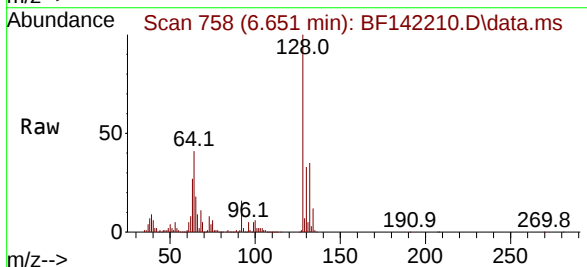
Instrument :  
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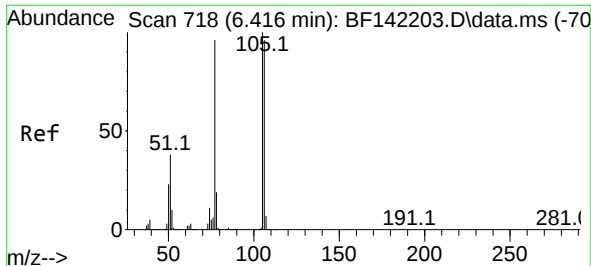
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Ion Ratio Lower Upper  
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42 15.0 11.5 17.3  
71 36.5 28.6 42.8



#8  
2-Chlorophenol  
Concen: 37.088 ng  
RT: 6.651 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:128 Resp: 883471  
Ion Ratio Lower Upper  
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130 32.6 13.0 53.0  
64 41.0 18.8 58.8

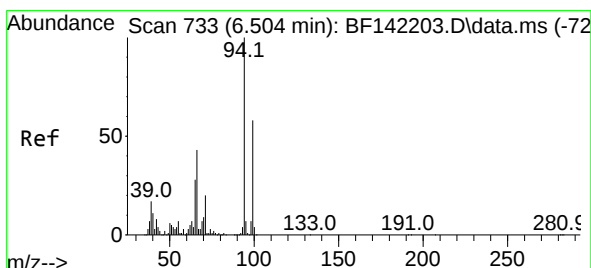
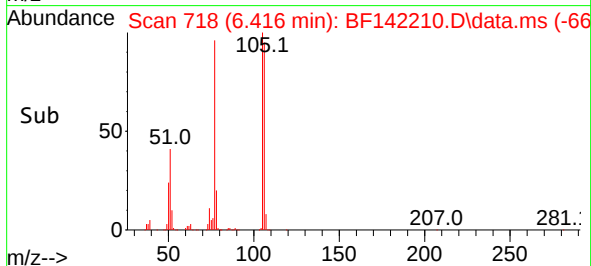
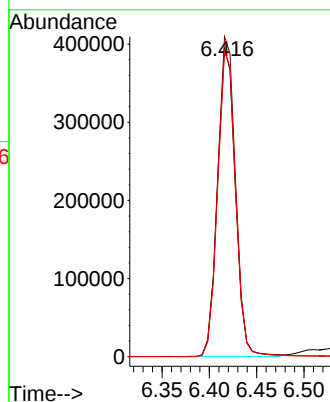
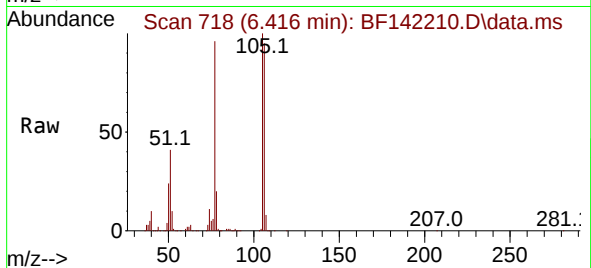




#9  
Benzaldehyde  
Concen: 36.234 ng  
RT: 6.416 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

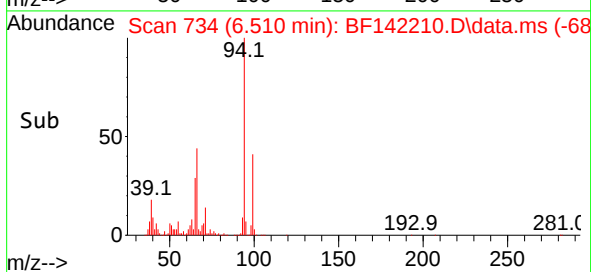
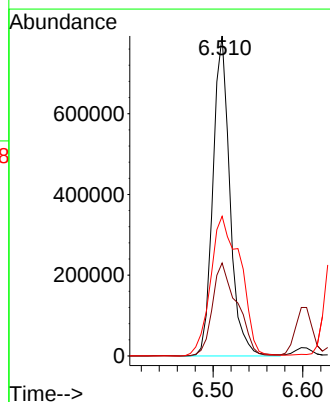
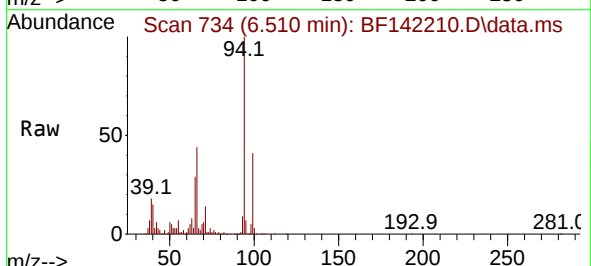
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

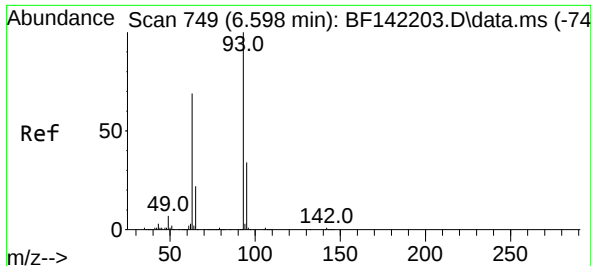
Tgt Ion: 77 Resp: 518470  
Ion Ratio Lower Upper  
77 100  
105 103.8 84.4 124.4  
106 99.1 80.3 120.3



#10  
Phenol  
Concen: 37.871 ng  
RT: 6.510 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion: 94 Resp: 1041021  
Ion Ratio Lower Upper  
94 100  
65 29.1 8.1 48.1  
66 43.6 22.7 62.7

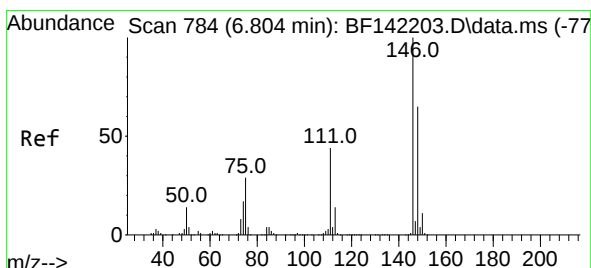
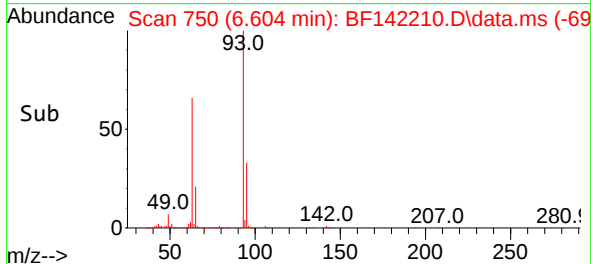
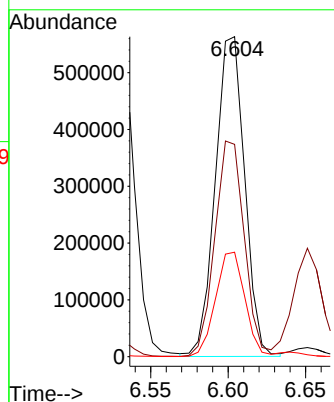
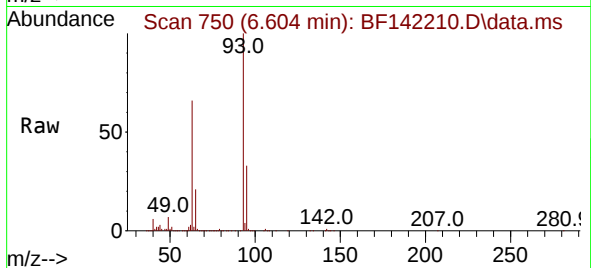




#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.776 ng  
 RT: 6.604 min Scan# 749  
 Delta R.T. 0.006 min  
 Lab File: BF142210.D  
 Acq: 22 Apr 2025 14:11

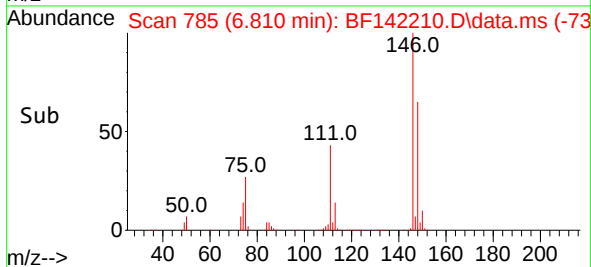
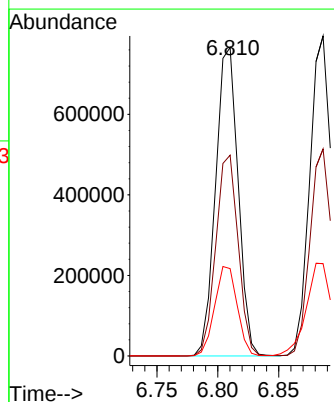
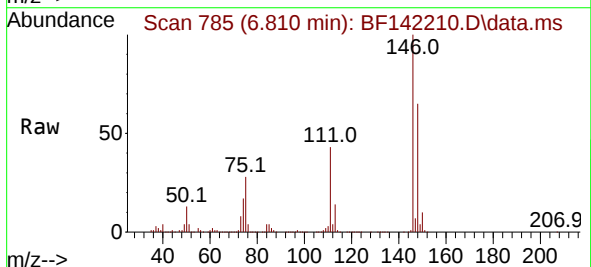
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

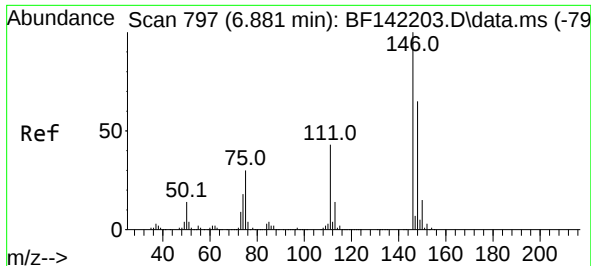
Tgt Ion: 93 Resp: 741628  
 Ion Ratio Lower Upper  
 93 100  
 63 66.4 47.9 87.9  
 95 32.7 13.7 53.7



#12  
 1,3-Dichlorobenzene  
 Concen: 36.527 ng  
 RT: 6.810 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: BF142210.D  
 Acq: 22 Apr 2025 14:11

Tgt Ion: 146 Resp: 986001  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.7 77.5  
 75 28.3 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 36.059 ng

RT: 6.886 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

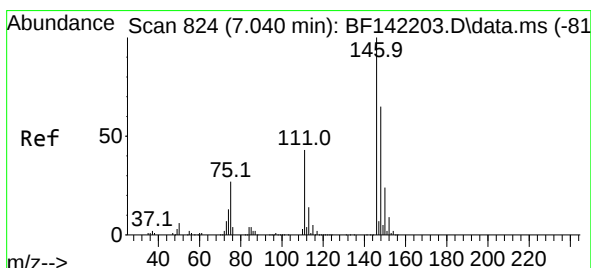
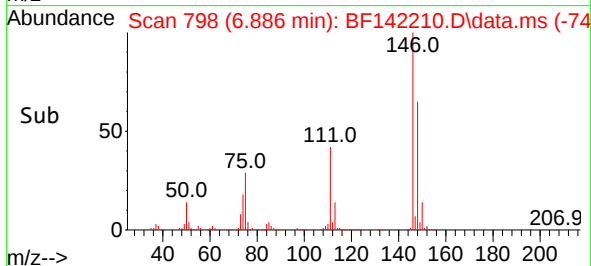
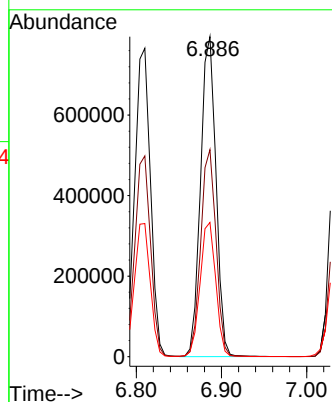
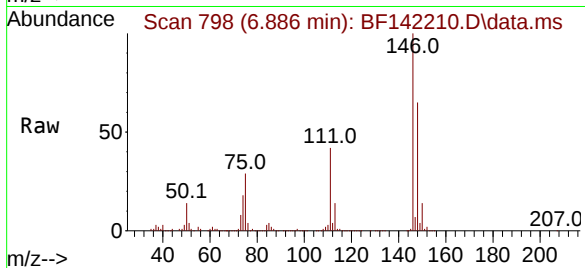
Tgt Ion:146 Resp: 998310

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

111 42.0 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 36.700 ng

RT: 7.039 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

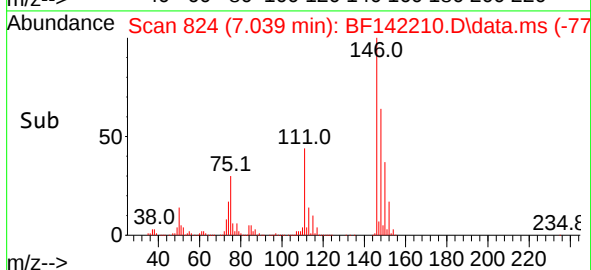
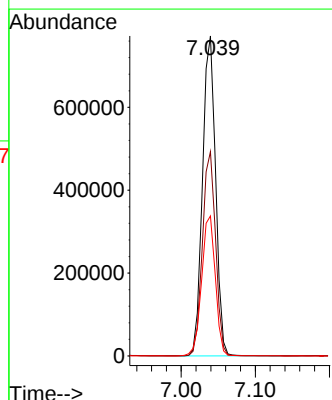
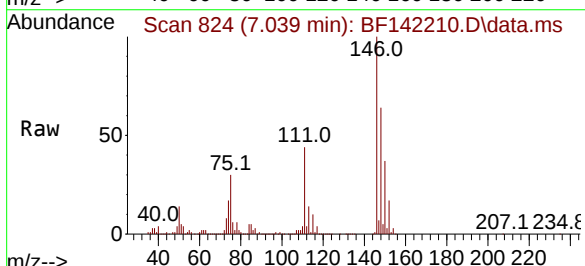
Tgt Ion:146 Resp: 945229

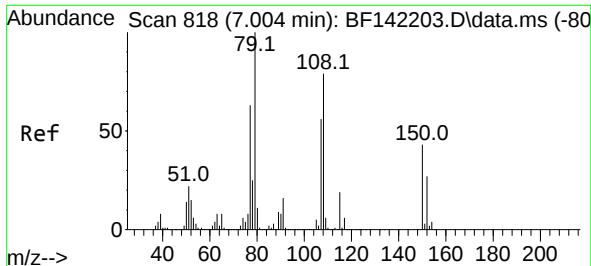
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

111 43.7 34.2 51.4

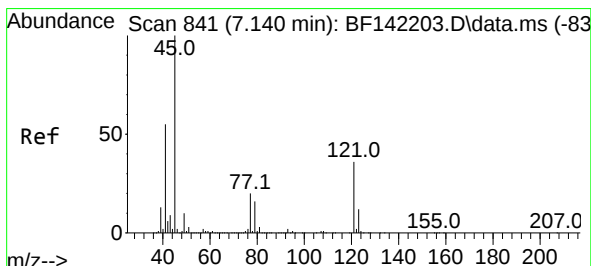
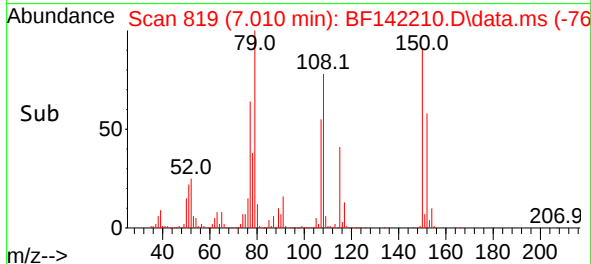
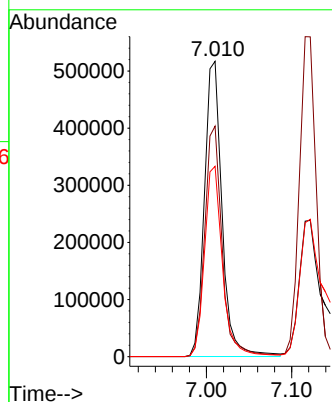
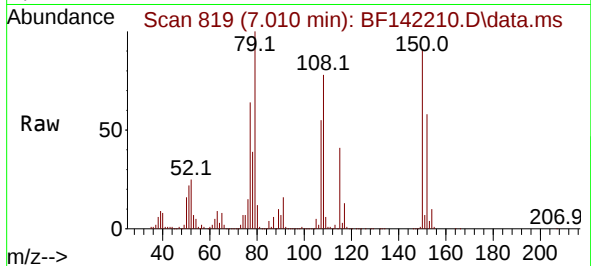




#15  
Benzyl Alcohol  
Concen: 39.068 ng  
RT: 7.010 min Scan# 818  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

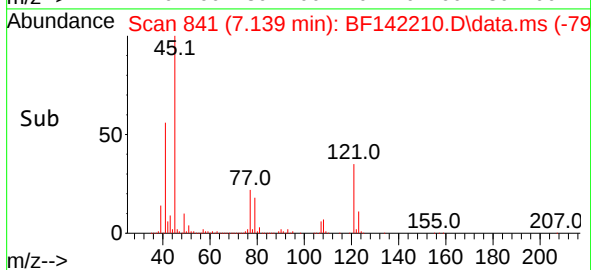
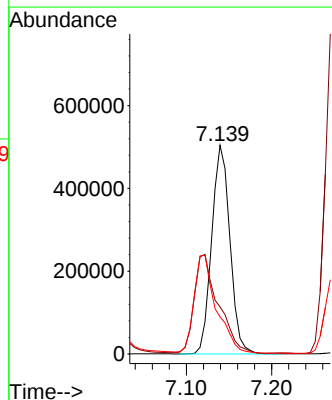
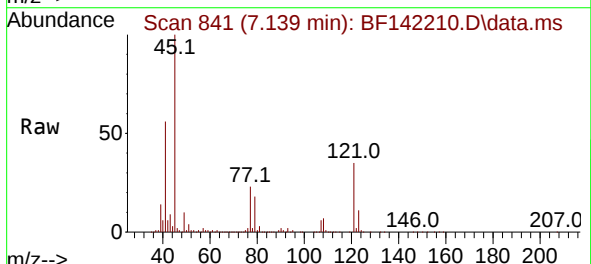
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

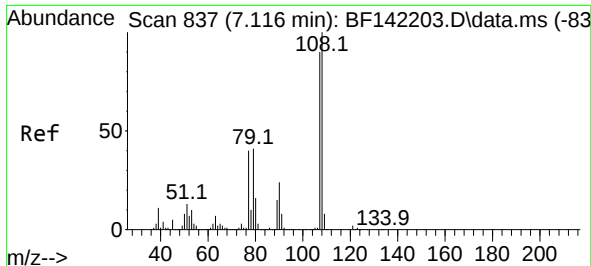
Tgt Ion: 79 Resp: 742392  
Ion Ratio Lower Upper  
79 100  
108 78.1 63.1 94.7  
77 64.4 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.360 ng  
RT: 7.139 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion: 45 Resp: 750685  
Ion Ratio Lower Upper  
45 100  
77 22.6 1.4 41.4  
79 17.8 0.0 36.7

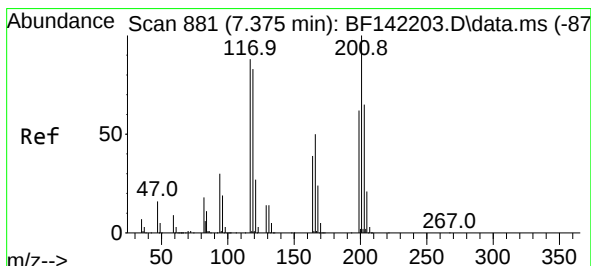
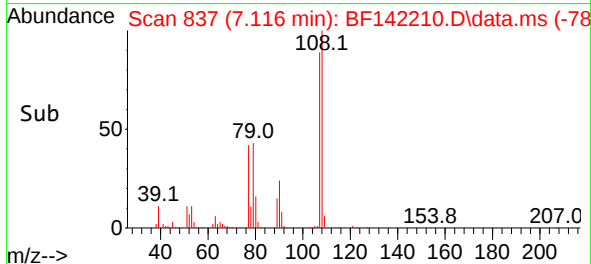
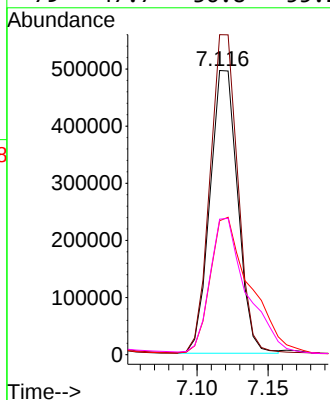
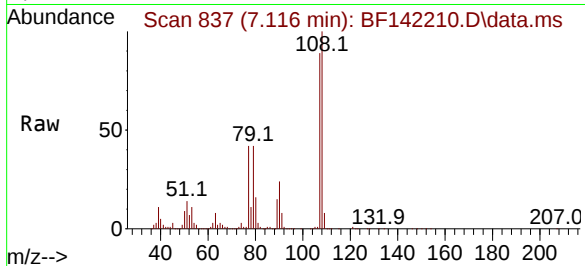




#17  
2-Methylphenol  
Concen: 37.564 ng  
RT: 7.116 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

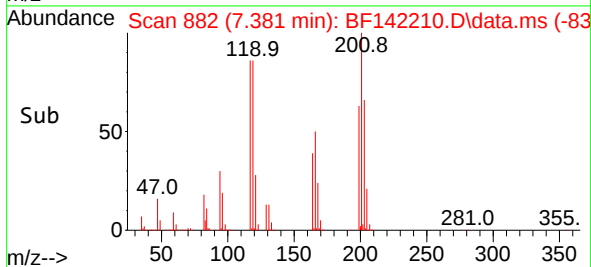
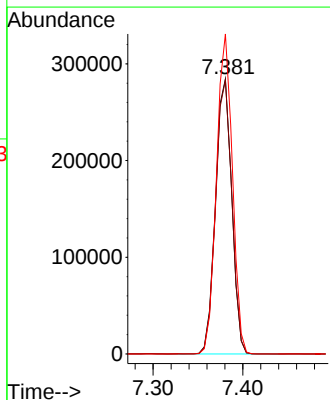
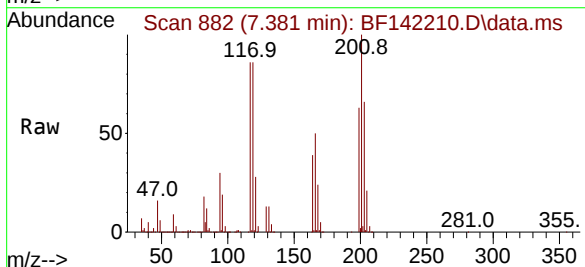
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

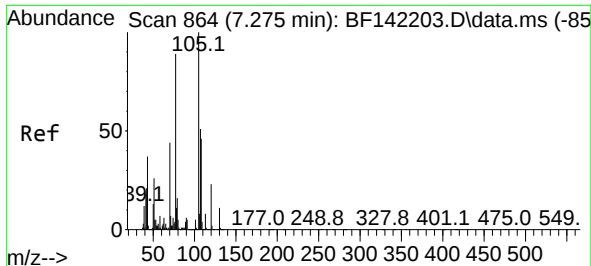
Tgt Ion:107 Resp: 673463  
Ion Ratio Lower Upper  
107 100  
108 112.6 89.4 134.2  
77 47.1 36.3 54.5  
79 47.7 36.8 55.2



#18  
Hexachloroethane  
Concen: 38.106 ng  
RT: 7.381 min Scan# 882  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:117 Resp: 358394  
Ion Ratio Lower Upper  
117 100  
119 99.6 75.8 113.8  
201 116.3 91.4 137.0

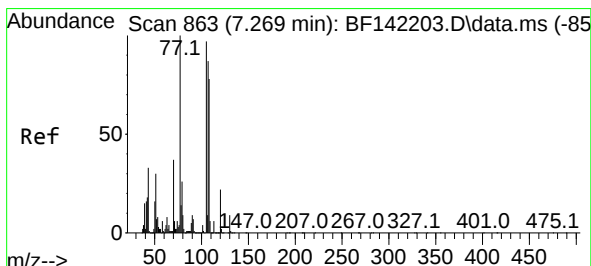
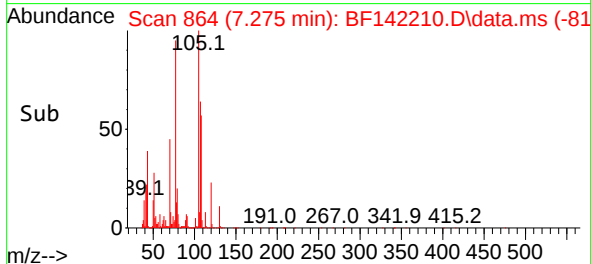
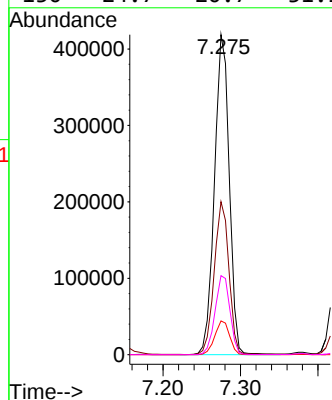
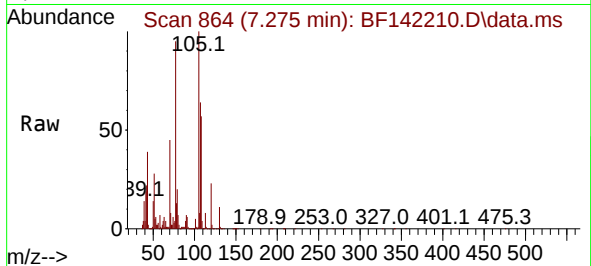




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.824 ng  
RT: 7.275 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

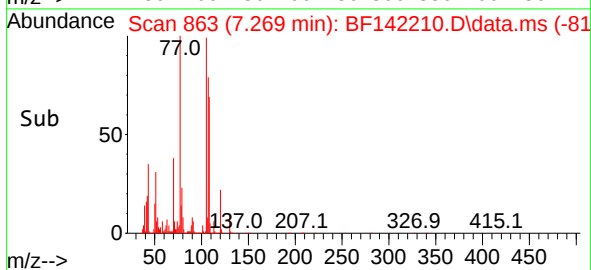
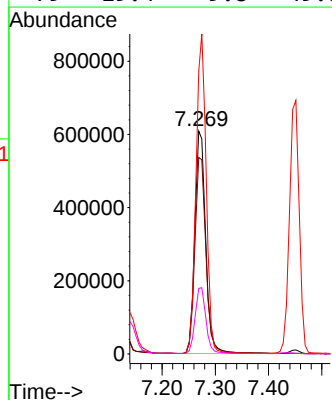
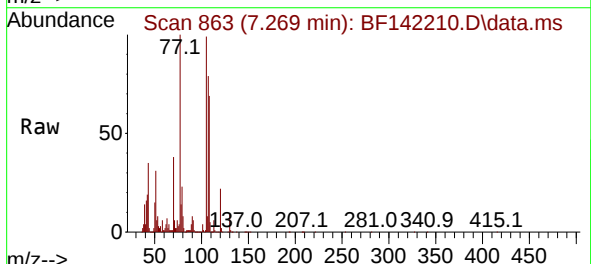
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

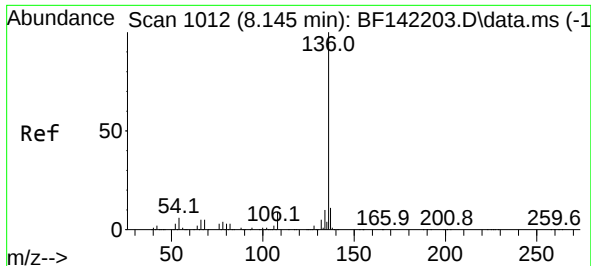
Tgt Ion: 70 Resp: 557433  
Ion Ratio Lower Upper  
70 100  
42 47.8 37.4 56.0  
101 10.6 8.6 13.0  
130 24.7 20.7 31.1



#20  
3+4-Methylphenols  
Concen: 38.755 ng  
RT: 7.269 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion: 107 Resp: 864129  
Ion Ratio Lower Upper  
107 100  
108 88.1 69.8 109.8  
77 126.9 94.5 134.5  
79 29.4 9.8 49.8

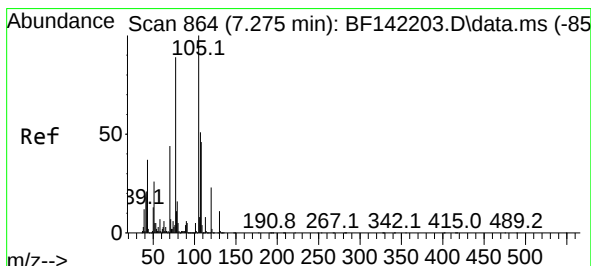
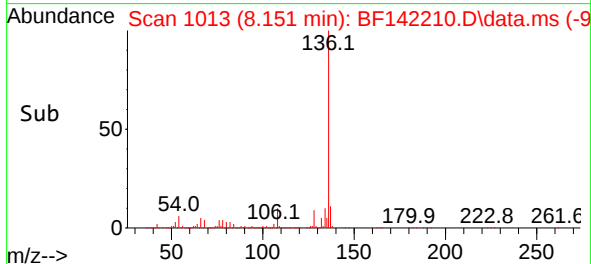
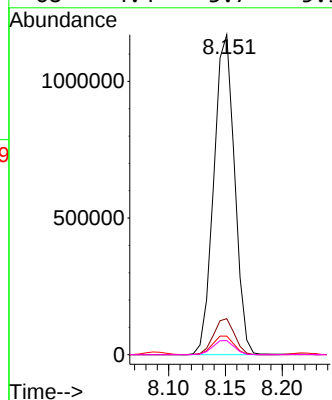
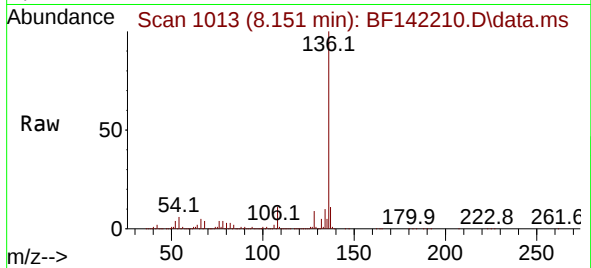




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1013  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

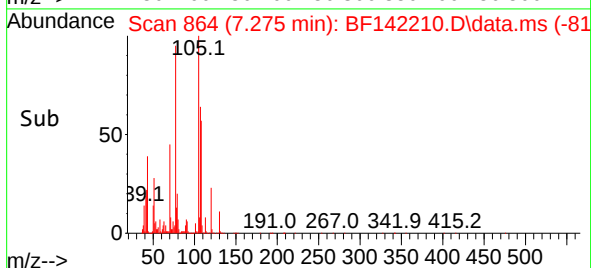
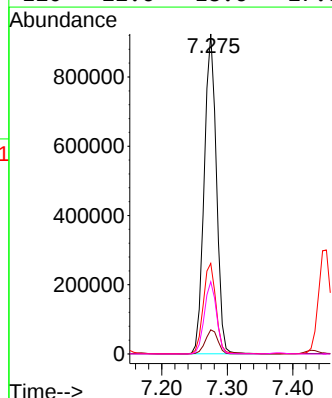
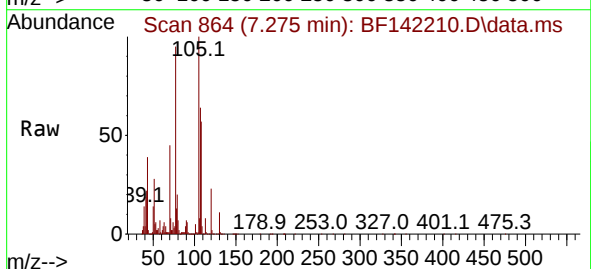
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

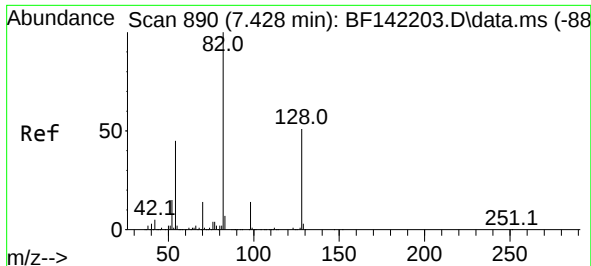
Tgt Ion:136 Resp: 1490549  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 5.8 4.7 7.1  
68 4.4 3.7 5.5



#22  
Acetophenone  
Concen: 36.660 ng  
RT: 7.275 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:105 Resp: 1199418  
Ion Ratio Lower Upper  
105 100  
71 7.6 5.8 8.8  
51 28.3 20.9 31.3  
120 22.6 18.6 27.8

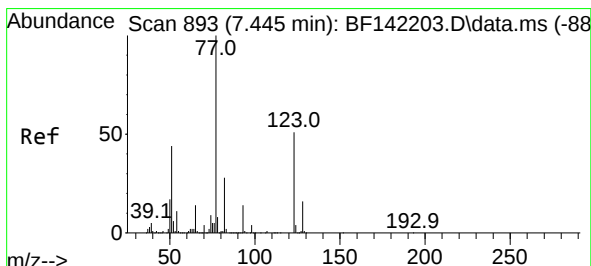
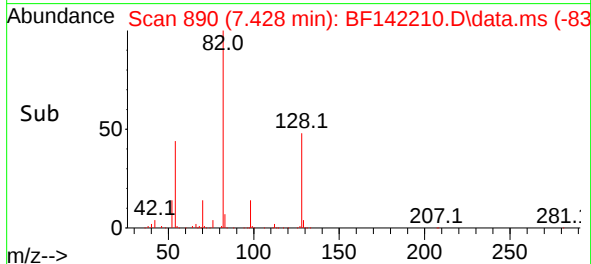
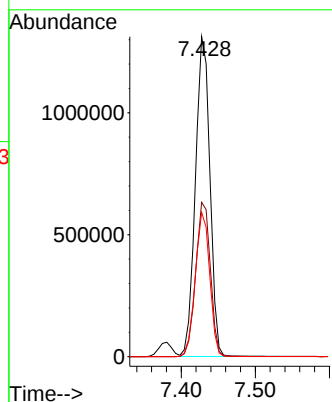
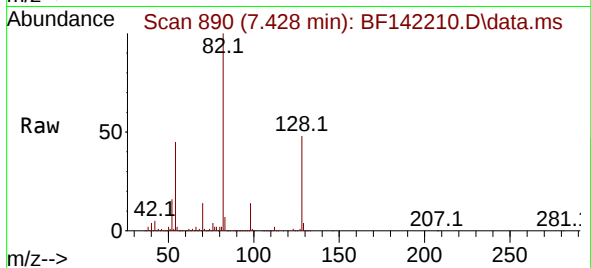




#23  
Nitrobenzene-d5  
Concen: 75.163 ng  
RT: 7.428 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

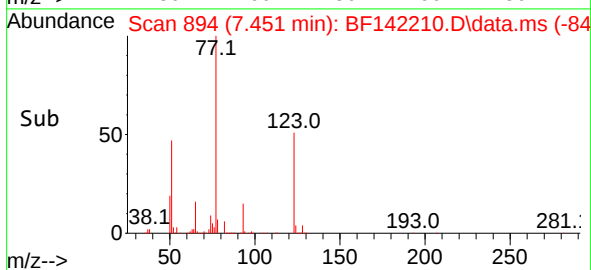
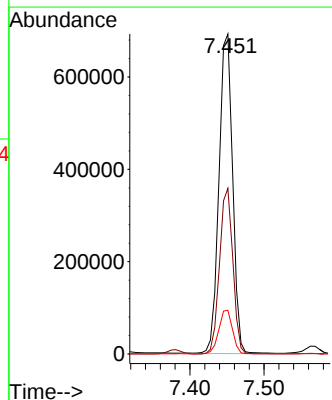
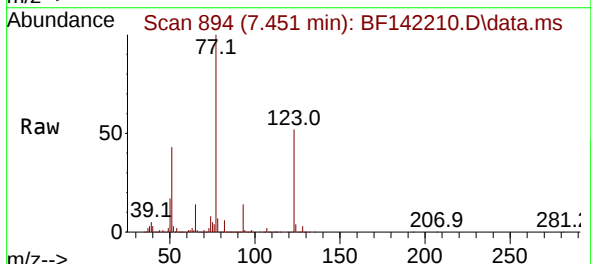
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

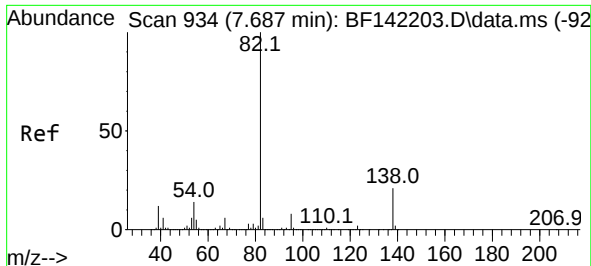
Tgt Ion: 82 Resp: 1783908  
Ion Ratio Lower Upper  
82 100  
128 48.2 40.2 60.2  
54 45.1 35.5 53.3



#24  
Nitrobenzene  
Concen: 37.715 ng  
RT: 7.451 min Scan# 894  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion: 77 Resp: 886795  
Ion Ratio Lower Upper  
77 100  
123 51.7 40.7 61.1  
65 13.6 10.9 16.3

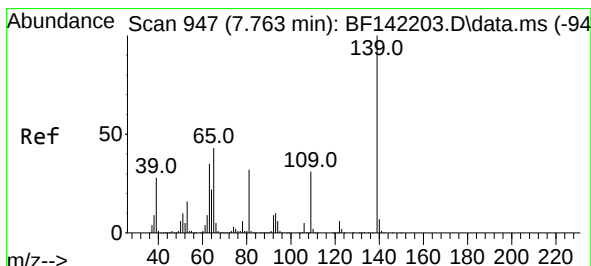
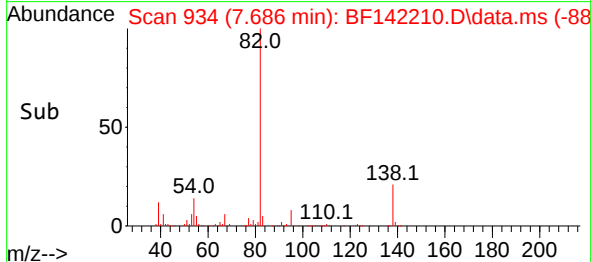
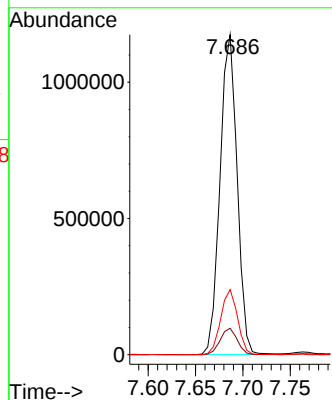
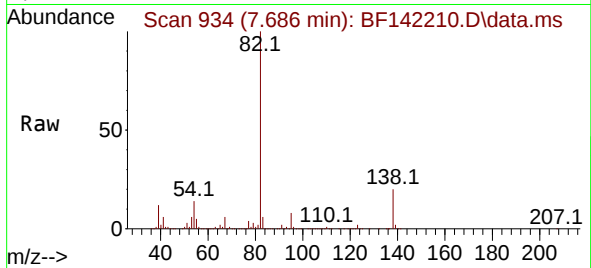




#25  
Isophorone  
Concen: 37.070 ng  
RT: 7.686 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

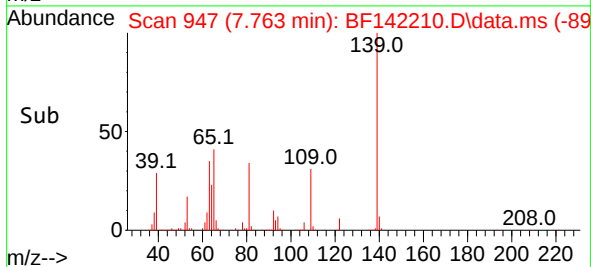
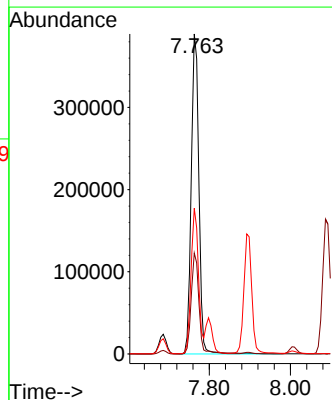
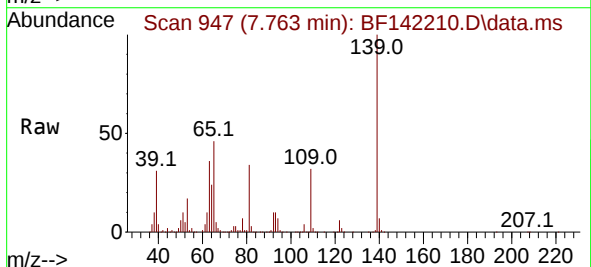
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

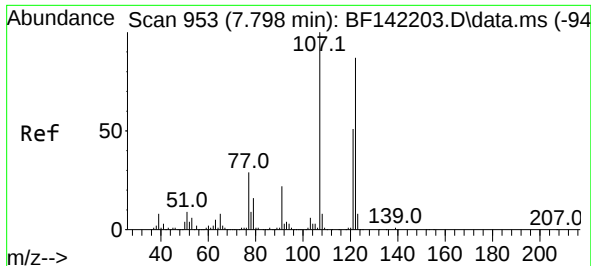
Tgt Ion: 82 Resp: 1476859  
Ion Ratio Lower Upper  
82 100  
95 8.3 6.5 9.7  
138 20.3 16.9 25.3



#26  
2-Nitrophenol  
Concen: 41.069 ng  
RT: 7.763 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:139 Resp: 507591  
Ion Ratio Lower Upper  
139 100  
109 31.5 24.4 36.6  
65 45.6 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 37.473 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142210.D

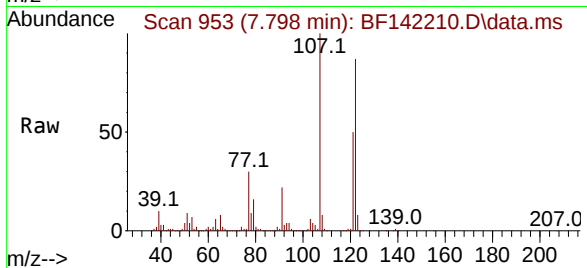
Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



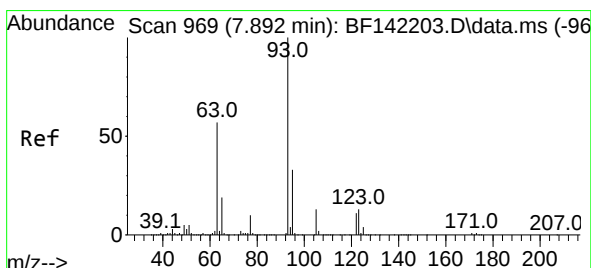
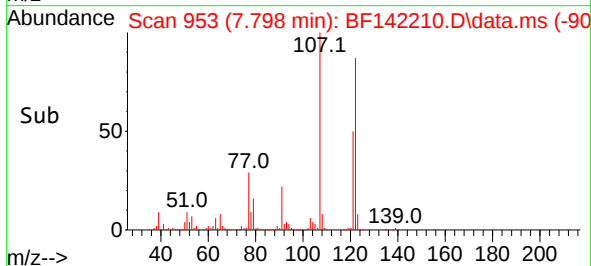
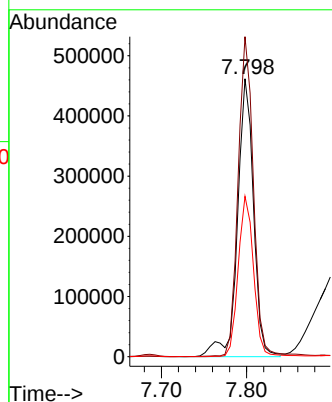
Tgt Ion:122 Resp: 602202

Ion Ratio Lower Upper

122 100

107 115.1 91.6 137.4

121 57.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.162 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

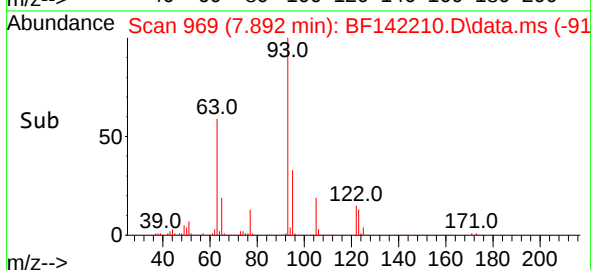
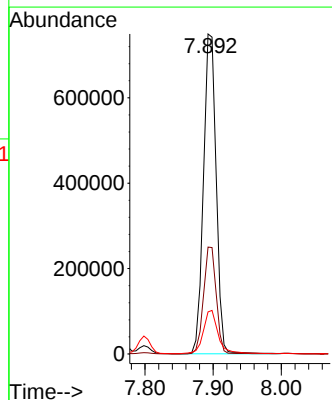
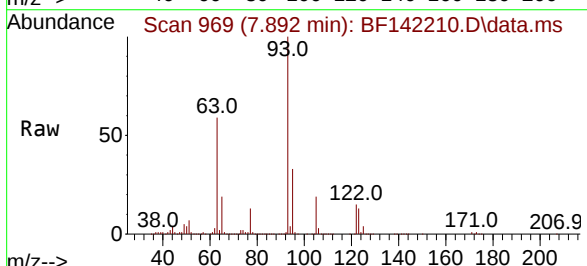
Tgt Ion: 93 Resp: 971684

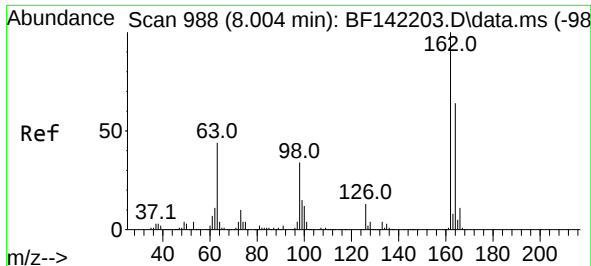
Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

123 13.2 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 36.435 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

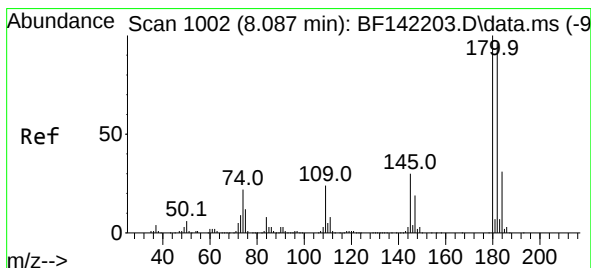
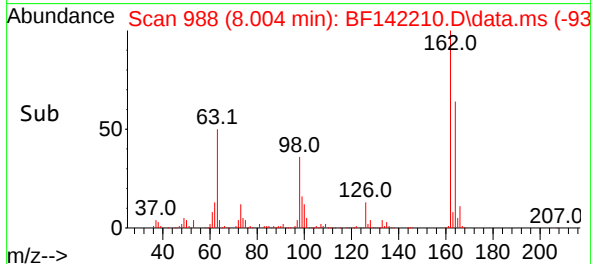
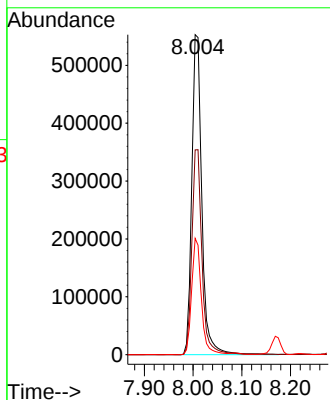
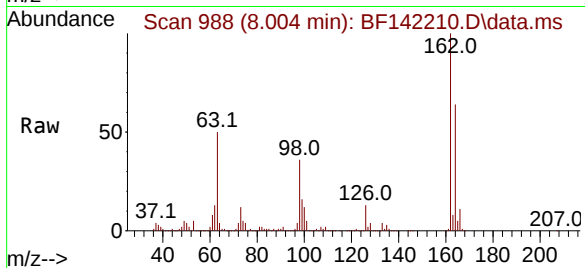
Tgt Ion:162 Resp: 796342

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 36.3 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 35.763 ng

RT: 8.092 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

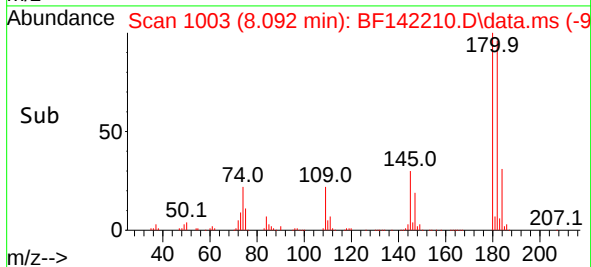
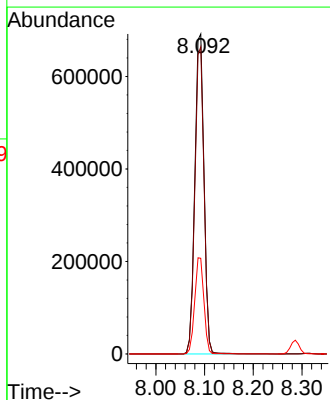
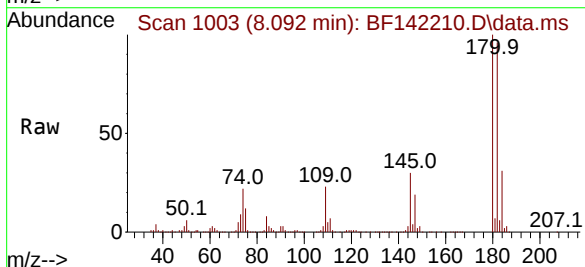
Tgt Ion:180 Resp: 914103

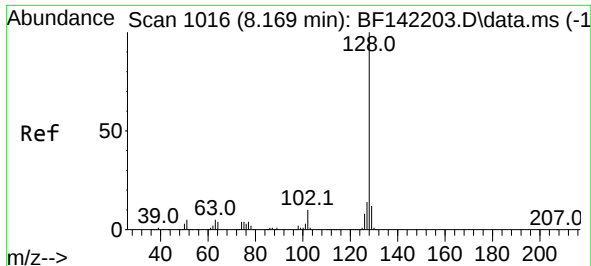
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 29.9 24.3 36.5

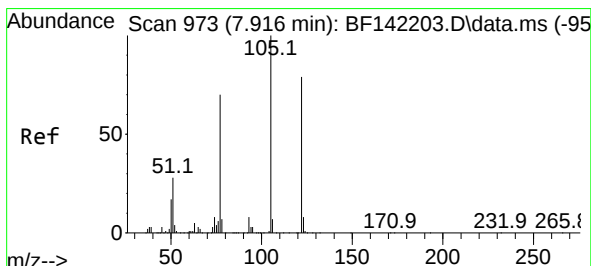
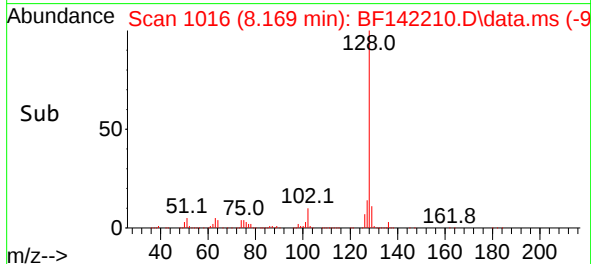
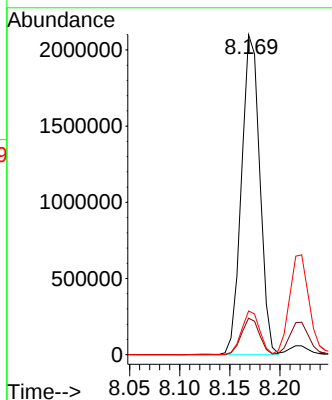
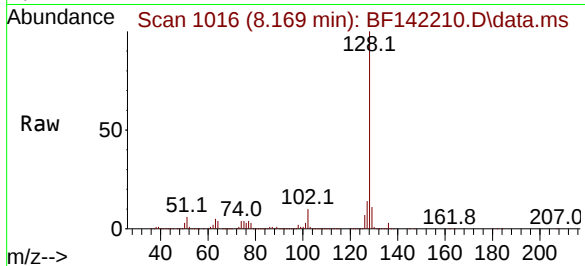




#31  
Naphthalene  
Concen: 37.907 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

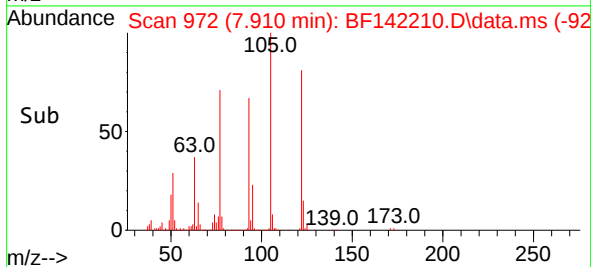
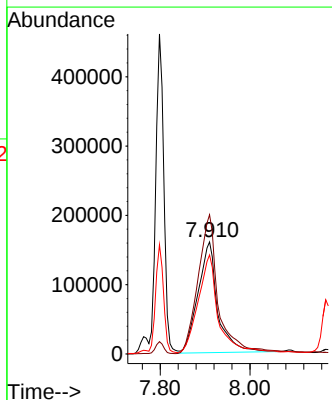
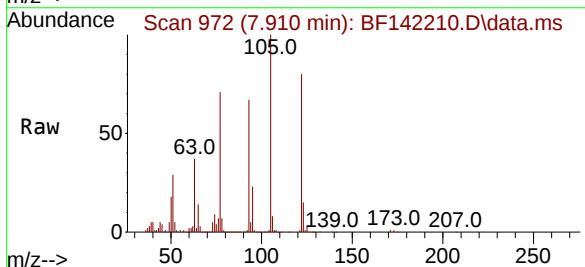
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

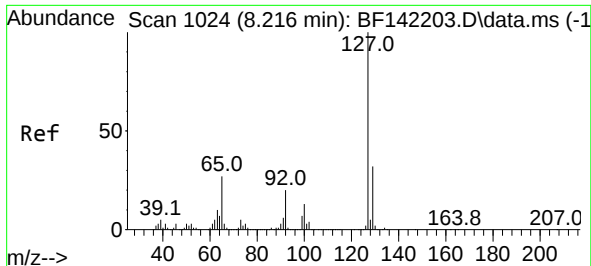
Tgt Ion:128 Resp: 2669065  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.6 14.4  
127 13.6 11.4 17.0



#32  
Benzoic acid  
Concen: 34.933 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:122 Resp: 486450  
Ion Ratio Lower Upper  
122 100  
105 124.3 101.5 141.5  
77 88.4 66.6 106.6

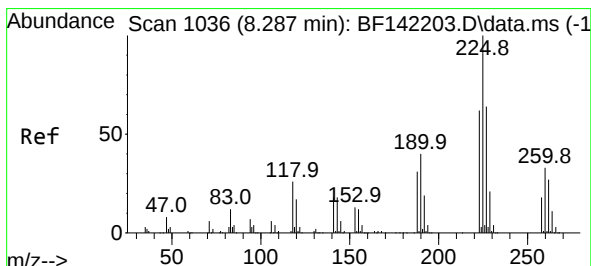
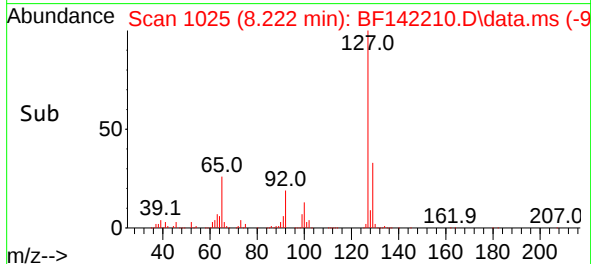
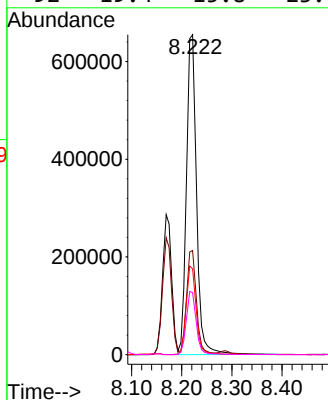
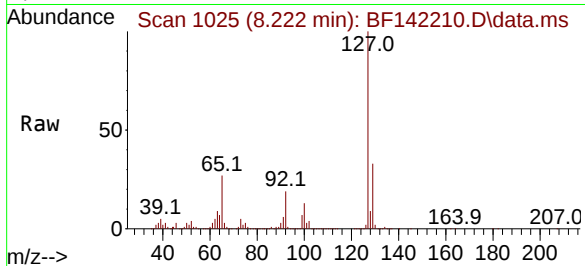




#33  
4-Chloroaniline  
Concen: 36.096 ng  
RT: 8.222 min Scan# 1025  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

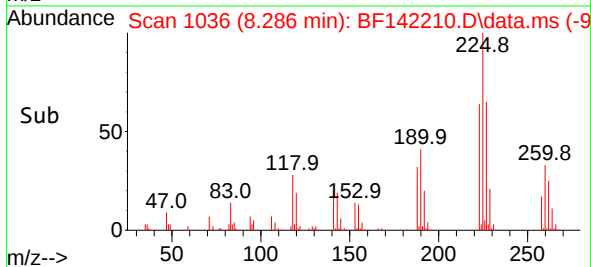
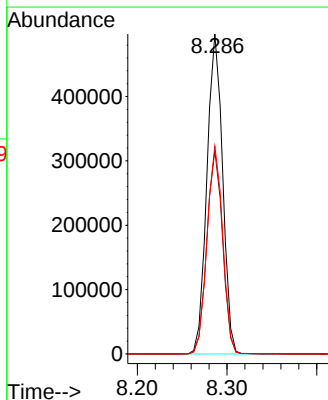
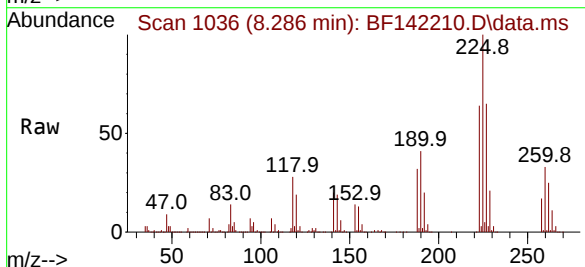
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

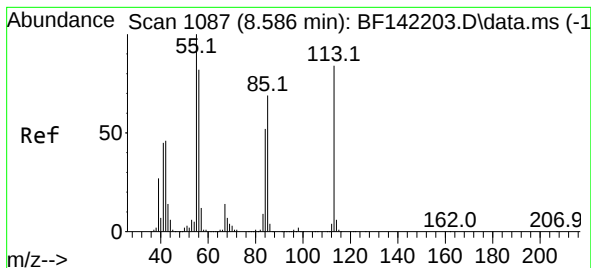
|         |       |       |        |
|---------|-------|-------|--------|
| Tgt Ion | 127   | Resp: | 920273 |
|         | Ratio | Lower | Upper  |
| 127     | 100   |       |        |
| 129     | 32.6  | 25.9  | 38.9   |
| 65      | 26.8  | 21.8  | 32.6   |
| 92      | 19.4  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 35.751 ng  
RT: 8.286 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

|             |              |       |      |
|-------------|--------------|-------|------|
| Tgt Ion:225 | Resp: 603040 |       |      |
| Ion Ratio   | Lower        | Upper |      |
| 225         | 100          |       |      |
| 223         | 63.5         | 49.4  | 74.2 |
| 227         | 64.9         | 51.4  | 77.2 |





#35

Caprolactam

Concen: 37.336 ng

RT: 8.580 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

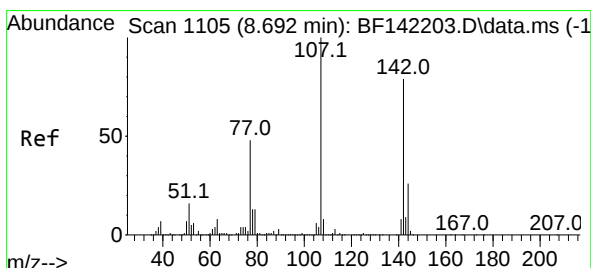
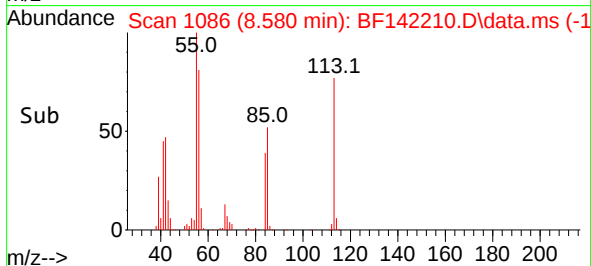
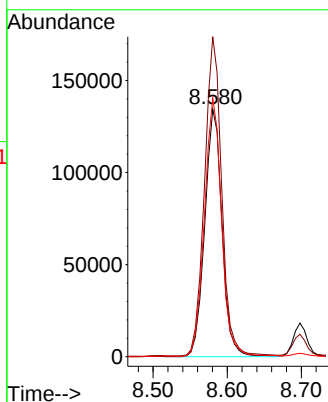
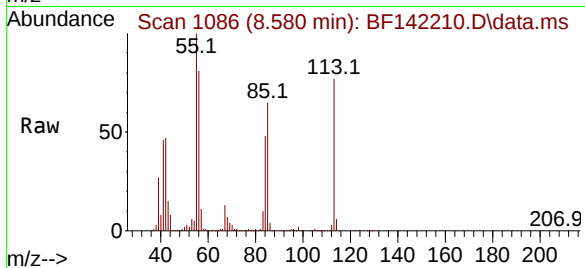
Tgt Ion:113 Resp: 217693

Ion Ratio Lower Upper

113 100

55 129.3 99.5 139.5

56 104.5 78.1 118.1



#36

4-Chloro-3-methylphenol

Concen: 36.765 ng

RT: 8.698 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

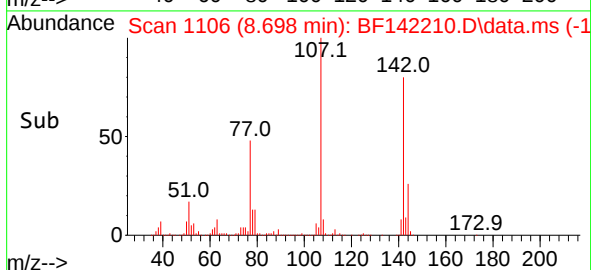
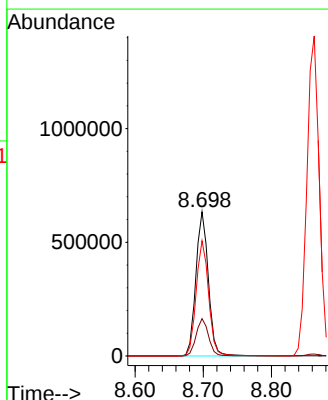
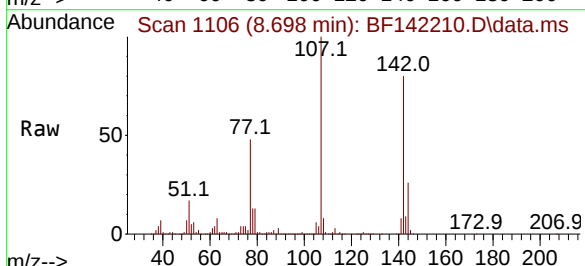
Tgt Ion:107 Resp: 808893

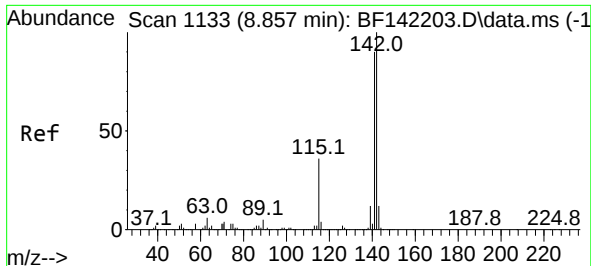
Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

142 79.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 36.404 ng

RT: 8.863 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

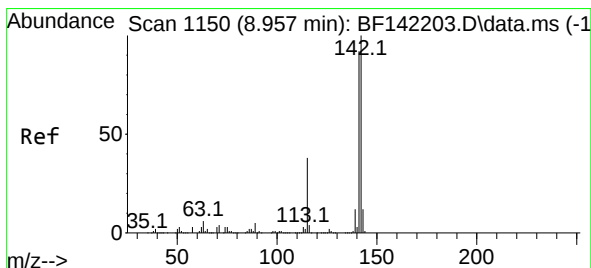
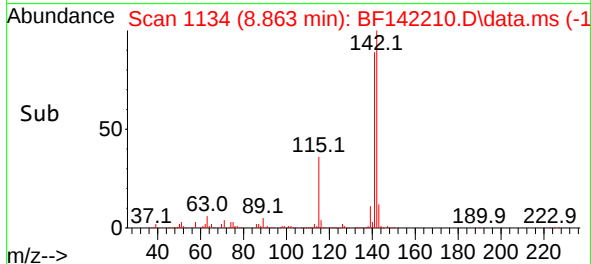
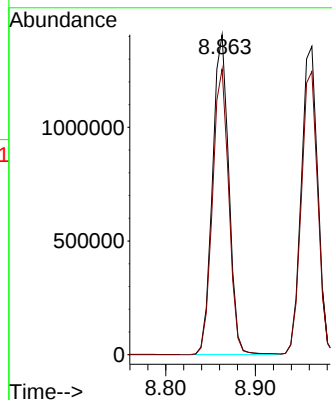
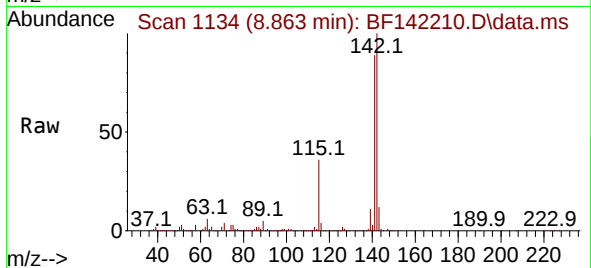
SSTDCCC040

Tgt Ion:142 Resp: 1771486

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 36.518 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142210.D

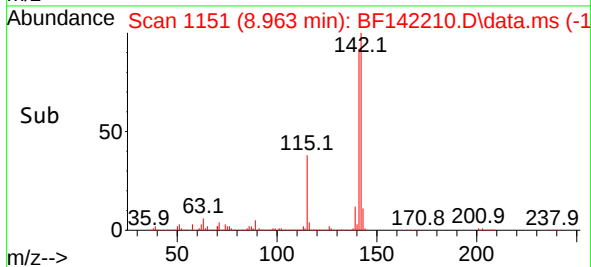
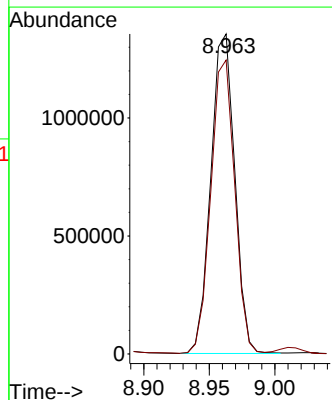
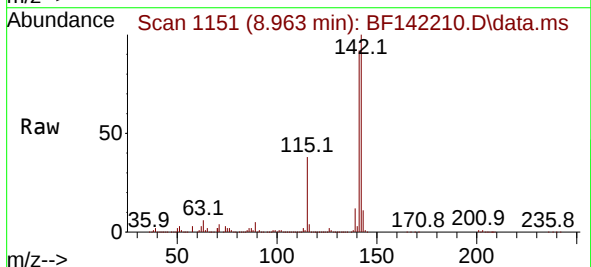
Acq: 22 Apr 2025 14:11

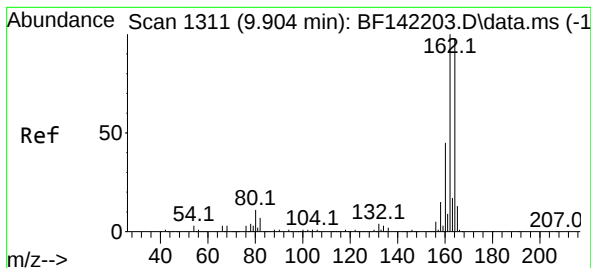
Tgt Ion:142 Resp: 1720573

Ion Ratio Lower Upper

142 100

141 91.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

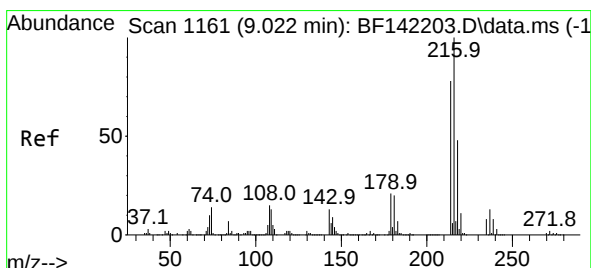
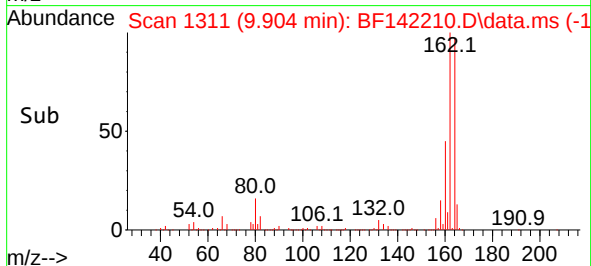
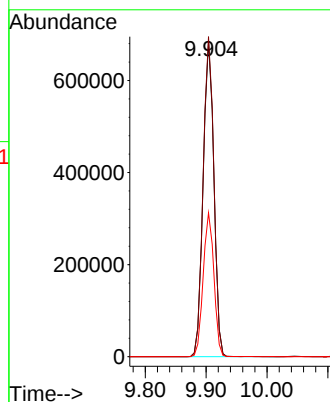
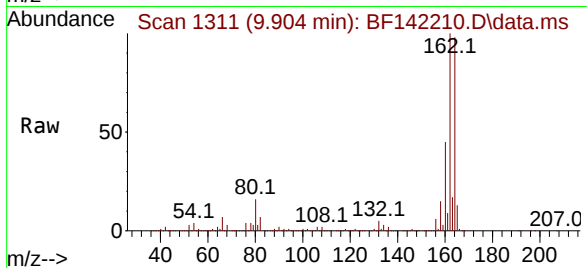
Tgt Ion:164 Resp: 837728

Ion Ratio Lower Upper

164 100

162 101.6 81.9 122.9

160 45.7 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.356 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:216 Resp: 969124

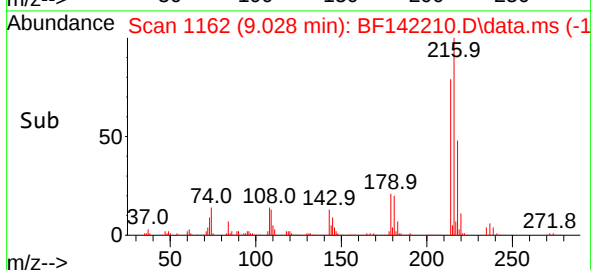
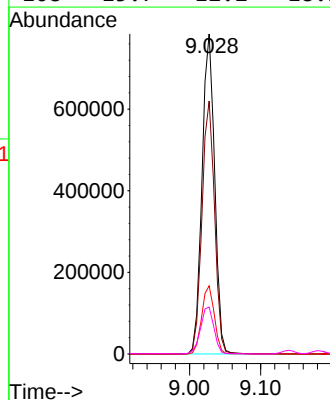
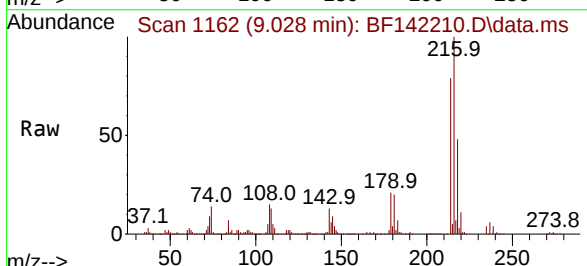
Ion Ratio Lower Upper

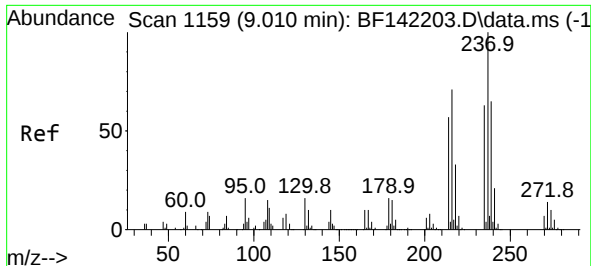
216 100

214 79.2 62.7 94.1

179 21.4 16.7 25.1

108 15.7 12.2 18.2

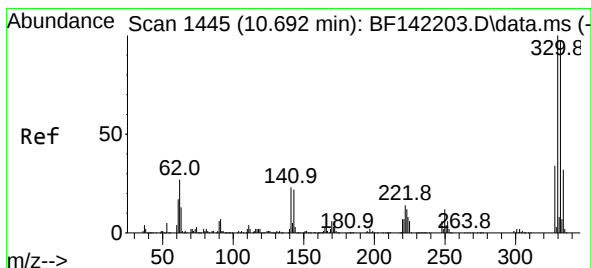
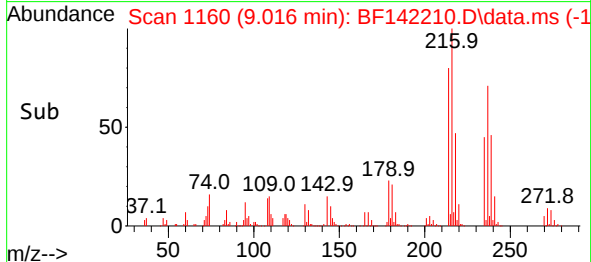
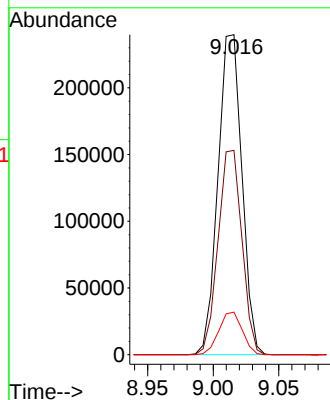
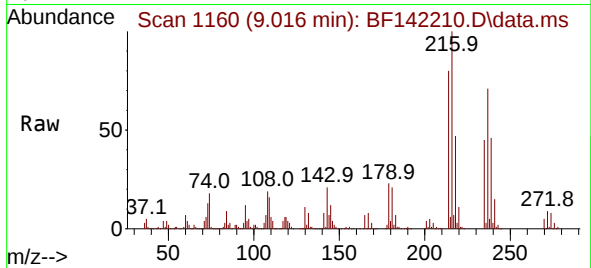




#41  
Hexachlorocyclopentadiene  
Concen: 36.256 ng  
RT: 9.016 min Scan# 1160  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

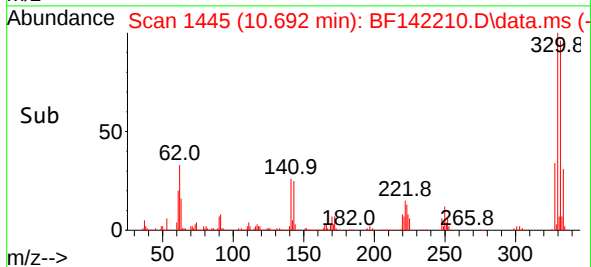
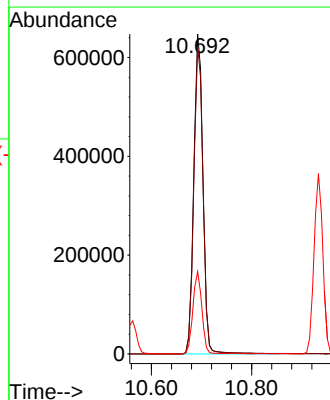
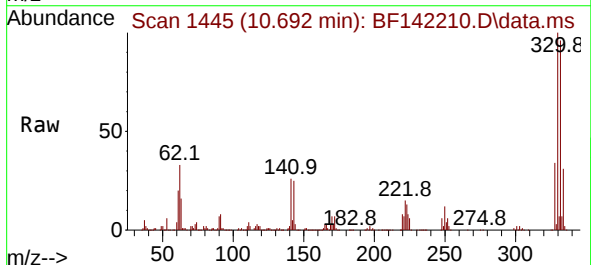
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

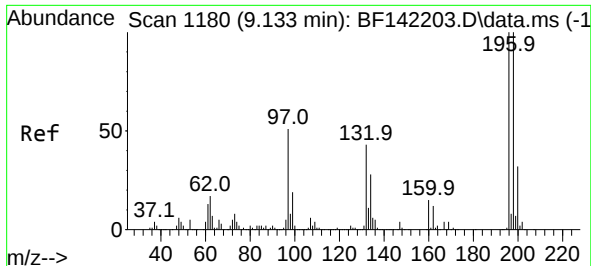
Tgt Ion:237 Resp: 304734  
Ion Ratio Lower Upper  
237 100  
235 63.9 42.6 82.6  
272 13.3 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 71.855 ng  
RT: 10.692 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:330 Resp: 823026  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.1 115.7  
141 25.1 18.9 28.3

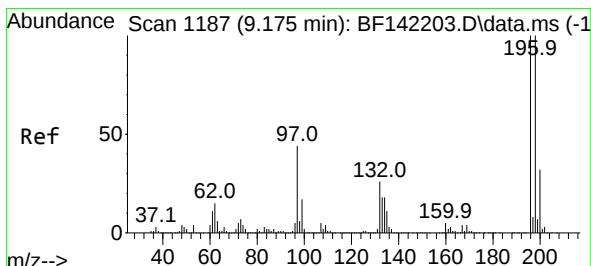
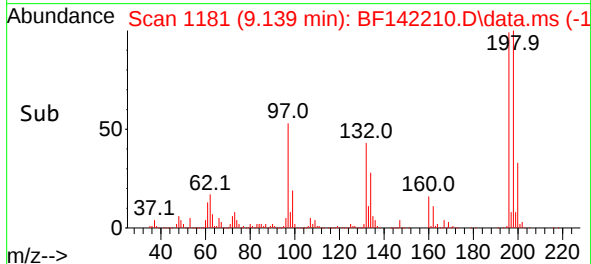
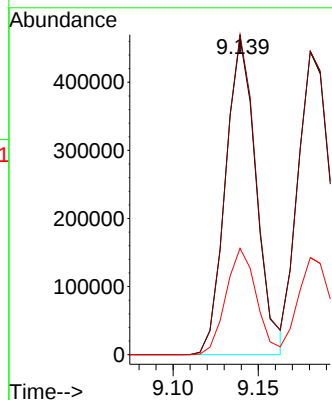
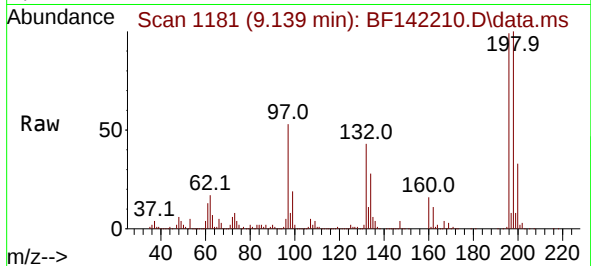




#43  
2,4,6-Trichlorophenol  
Concen: 36.328 ng  
RT: 9.139 min Scan# 1180  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

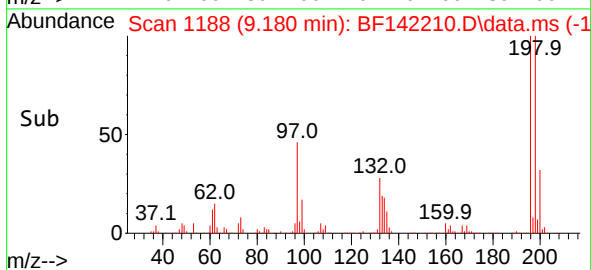
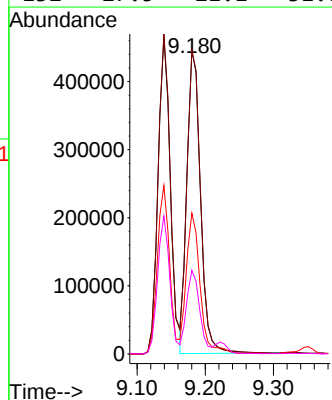
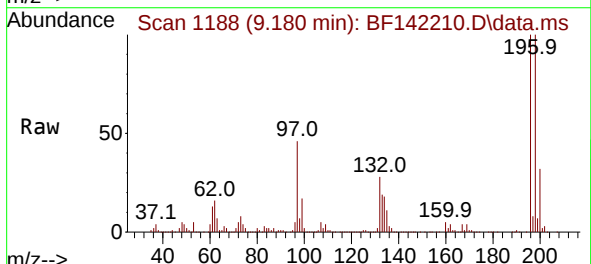
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

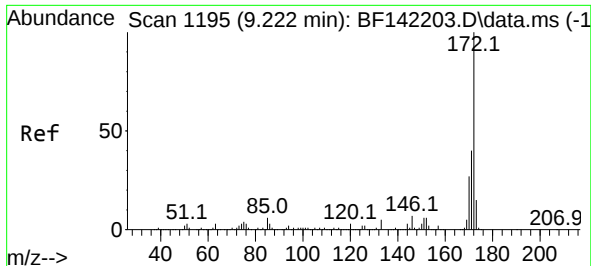
Tgt Ion:196 Resp: 581348  
Ion Ratio Lower Upper  
196 100  
198 101.0 80.0 120.0  
200 33.6 25.6 38.4



#44  
2,4,5-Trichlorophenol  
Concen: 35.813 ng  
RT: 9.180 min Scan# 1188  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:196 Resp: 614311  
Ion Ratio Lower Upper  
196 100  
198 100.0 80.0 120.0  
97 46.4 35.9 53.9  
132 27.5 21.1 31.7

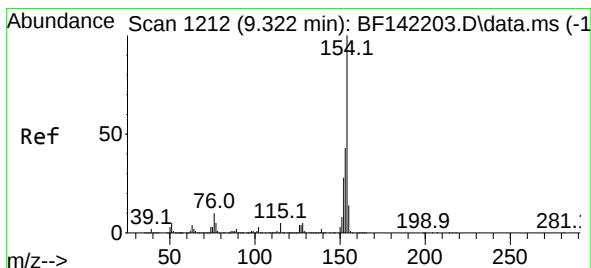
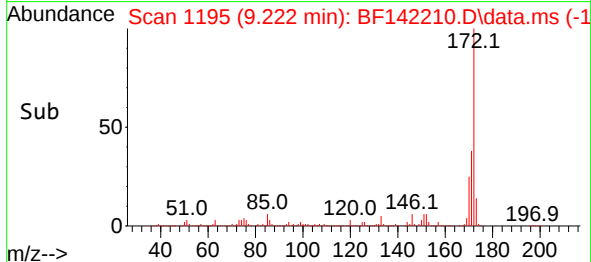
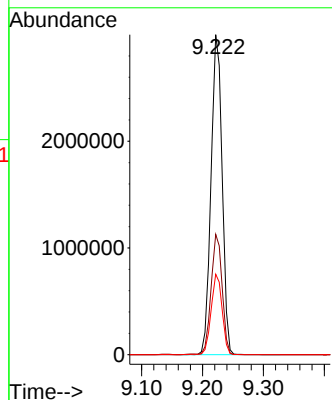
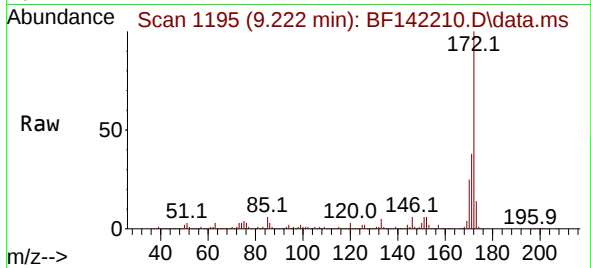




#45  
2-Fluorobiphenyl  
Concen: 73.874 ng  
RT: 9.222 min Scan# 1195  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

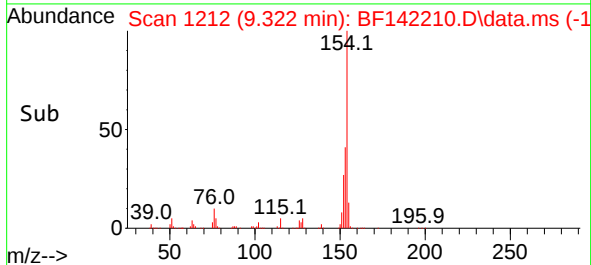
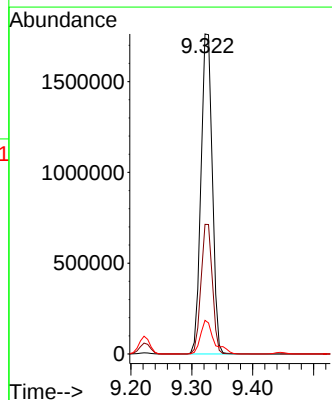
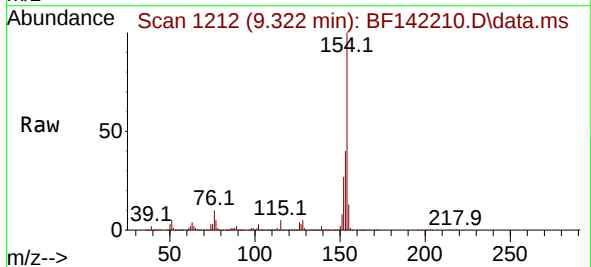
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

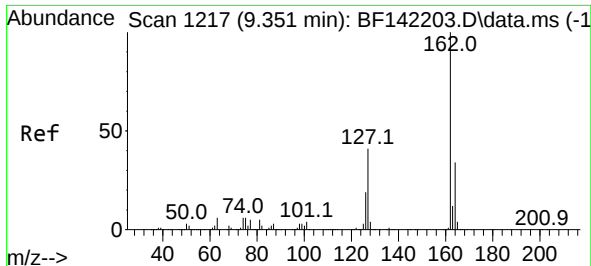
Tgt Ion:172 Resp: 3796882  
Ion Ratio Lower Upper  
172 100  
171 37.6 32.1 48.1  
170 25.2 21.4 32.0



#46  
1,1'-Biphenyl  
Concen: 37.780 ng  
RT: 9.322 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:154 Resp: 2269501  
Ion Ratio Lower Upper  
154 100  
153 40.5 22.5 62.5  
76 10.5 0.0 30.4





#47

2-Chloronaphthalene

Concen: 36.402 ng

RT: 9.351 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

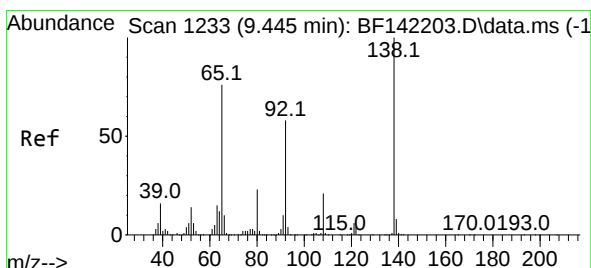
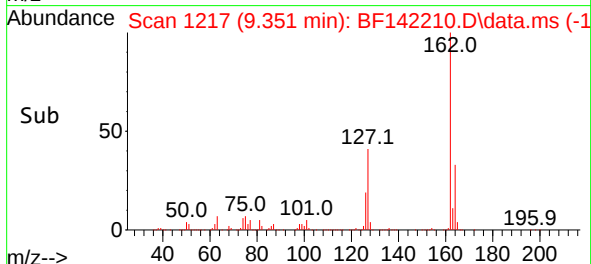
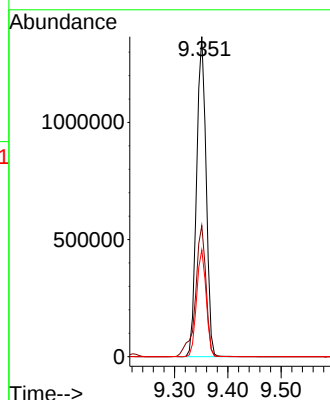
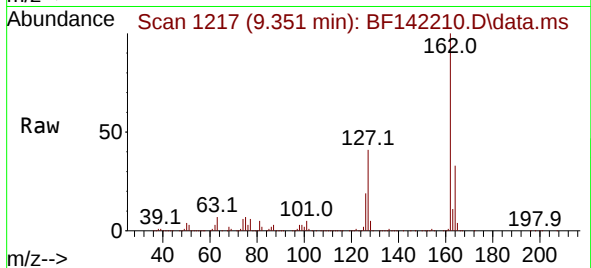
Tgt Ion:162 Resp: 1697350

Ion Ratio Lower Upper

162 100

127 40.9 33.1 49.7

164 33.4 27.1 40.7



#48

2-Nitroaniline

Concen: 38.865 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

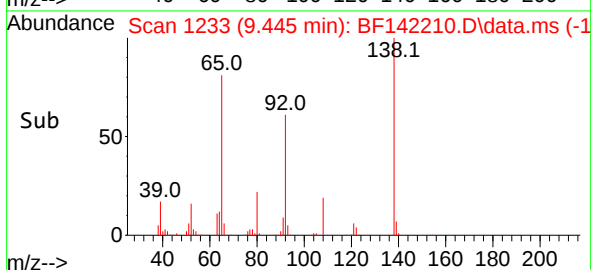
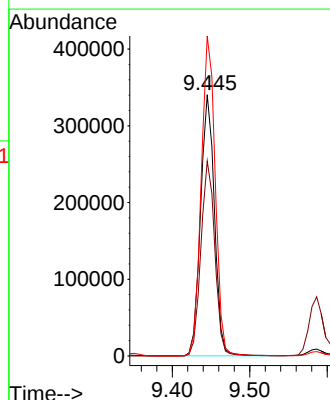
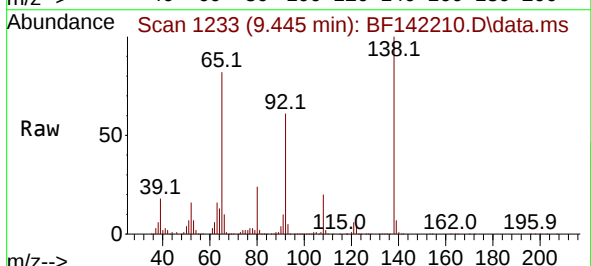
Tgt Ion: 65 Resp: 424788

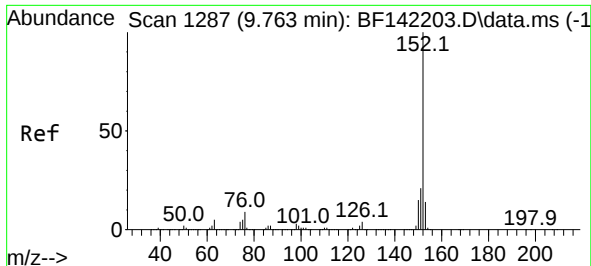
Ion Ratio Lower Upper

65 100

92 74.7 61.4 92.0

138 122.4 105.8 158.6

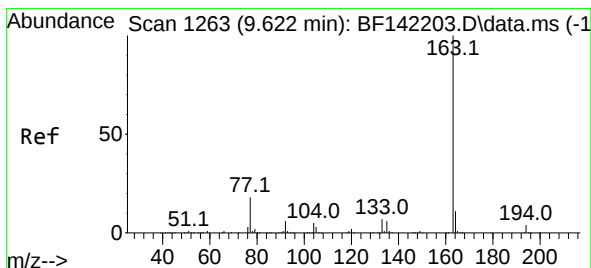
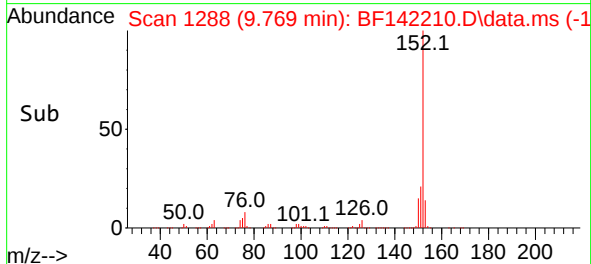
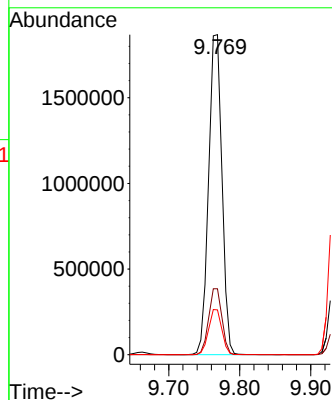
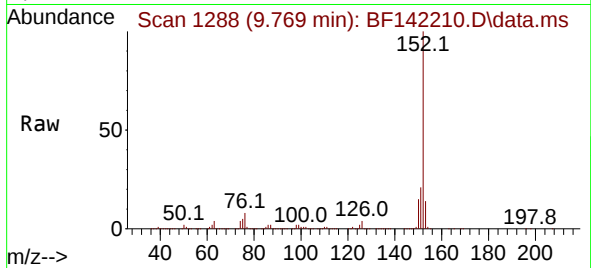




#49  
Acenaphthylene  
Concen: 37.124 ng  
RT: 9.769 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

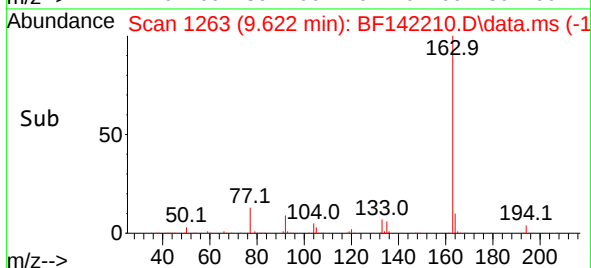
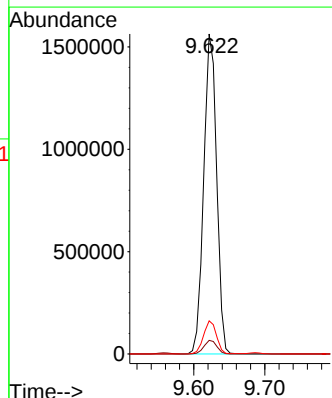
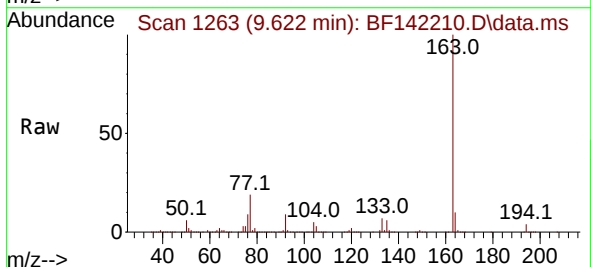
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

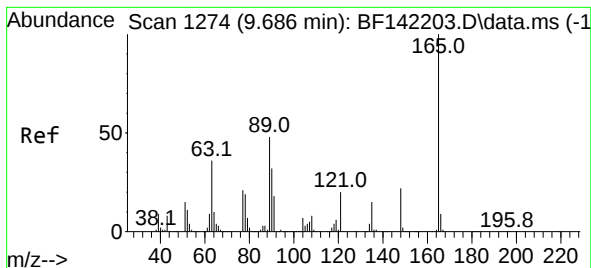
Tgt Ion:152 Resp: 2446730  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.9 25.3  
153 14.0 11.6 17.4



#50  
Dimethylphthalate  
Concen: 36.932 ng  
RT: 9.622 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:163 Resp: 1983716  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.4 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 36.753 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

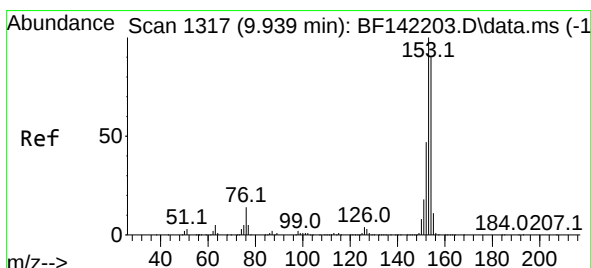
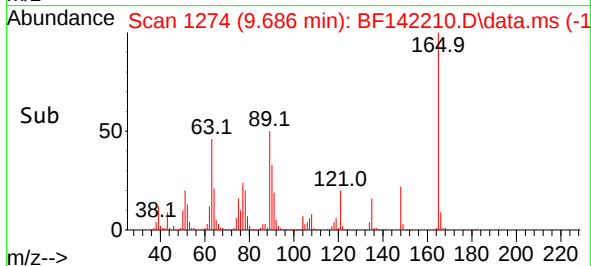
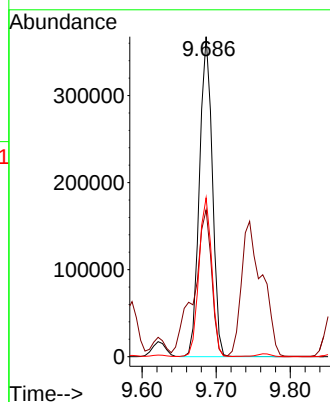
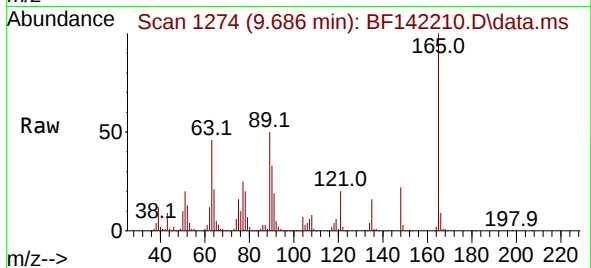
Tgt Ion:165 Resp: 443208

Ion Ratio Lower Upper

165 100

63 45.9 35.4 53.2

89 49.6 38.6 58.0



#52

Acenaphthene

Concen: 36.884 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

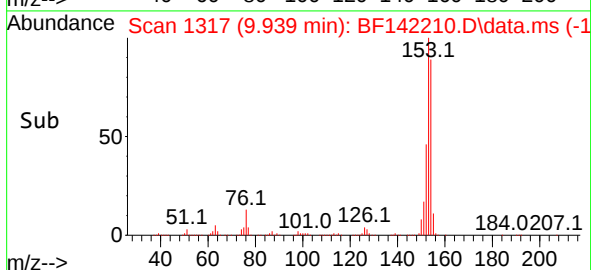
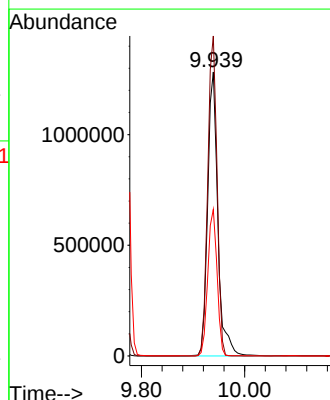
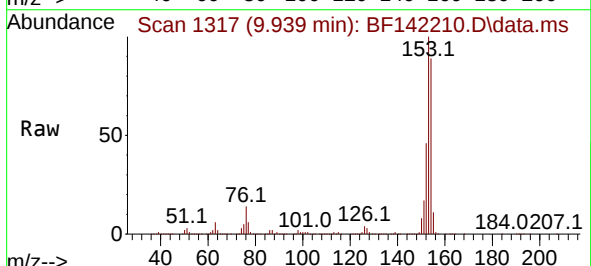
Tgt Ion:154 Resp: 1751751

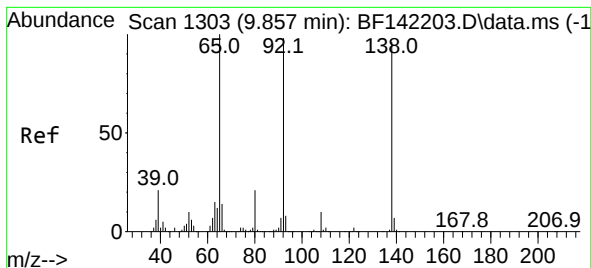
Ion Ratio Lower Upper

154 100

153 112.6 89.0 133.4

152 51.6 41.8 62.8





#53

3-Nitroaniline

Concen: 35.552 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

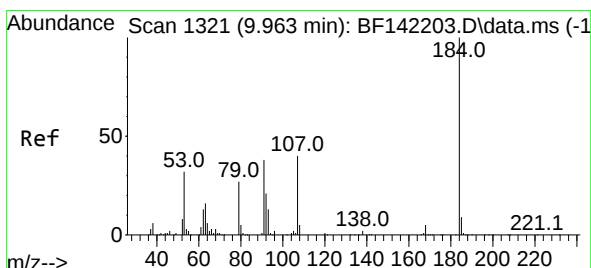
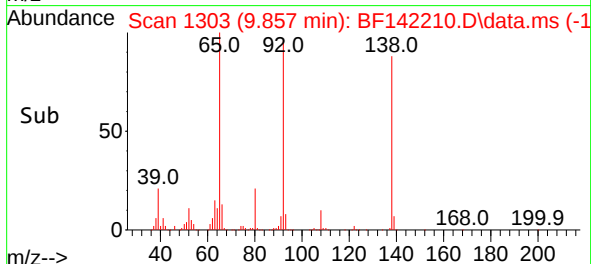
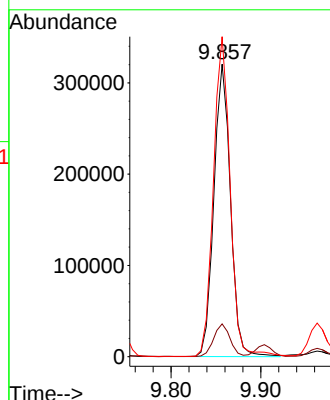
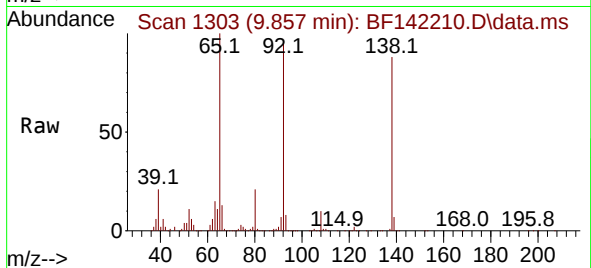
Tgt Ion:138 Resp: 410794

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

92 109.4 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 39.176 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

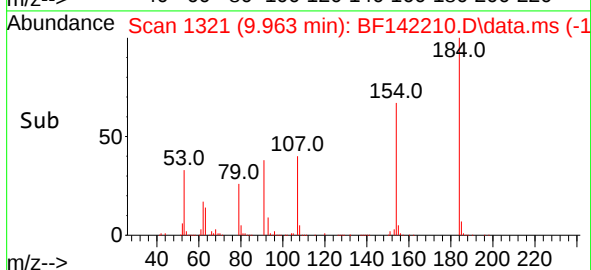
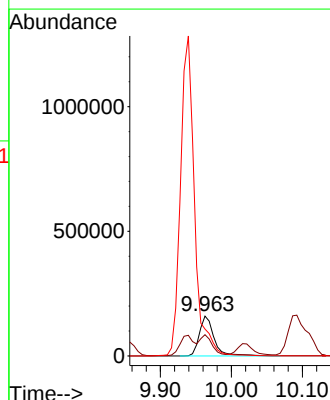
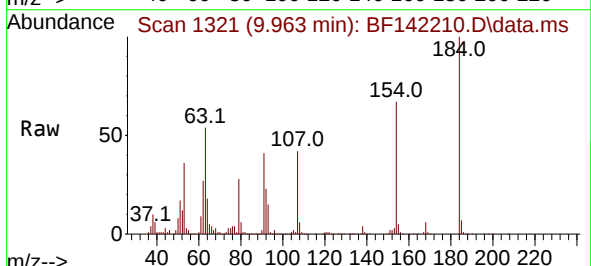
Tgt Ion:184 Resp: 231384

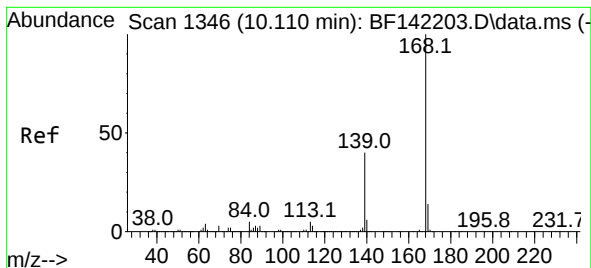
Ion Ratio Lower Upper

184 100

63 53.5 39.0 58.4

154 67.3 52.2 78.4

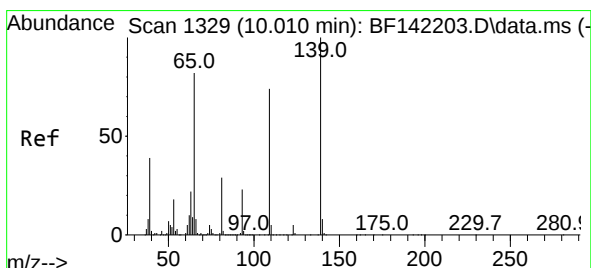
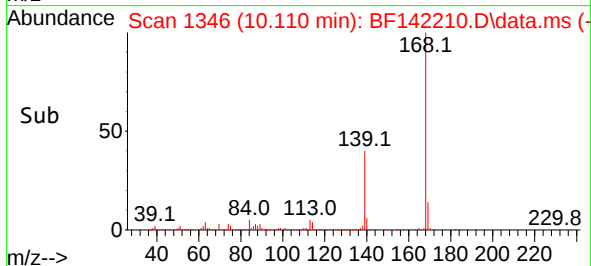
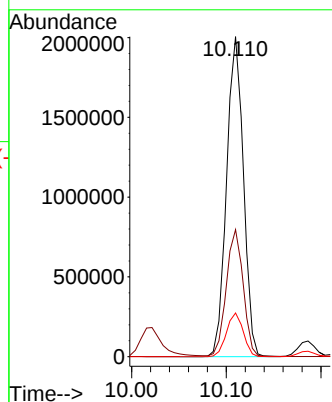
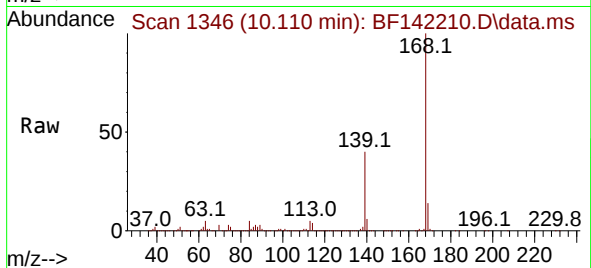




#55  
Dibenzofuran  
Concen: 37.175 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

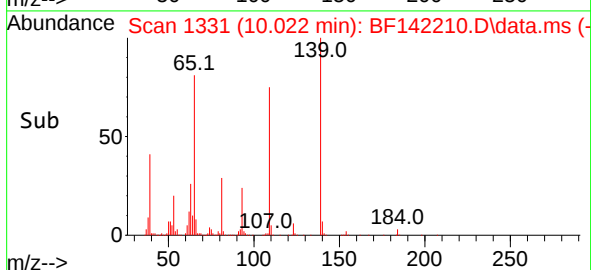
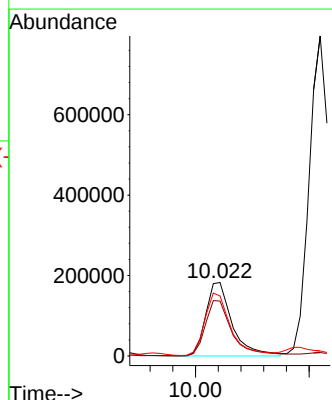
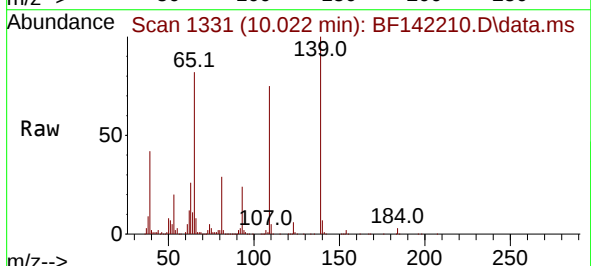
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

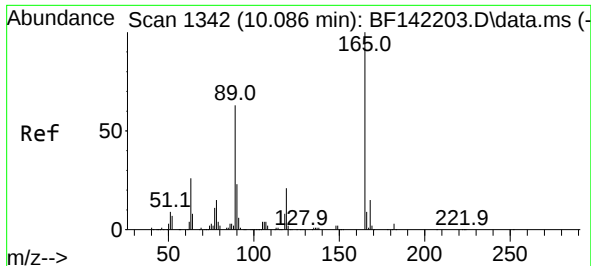
Tgt Ion:168 Resp: 2475214  
Ion Ratio Lower Upper  
168 100  
139 39.7 32.3 48.5  
169 13.7 11.4 17.0



#56  
4-Nitrophenol  
Concen: 34.750 ng  
RT: 10.022 min Scan# 1331  
Delta R.T. 0.012 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:139 Resp: 293716  
Ion Ratio Lower Upper  
139 100  
109 74.6 54.1 94.1  
65 81.6 62.1 102.1

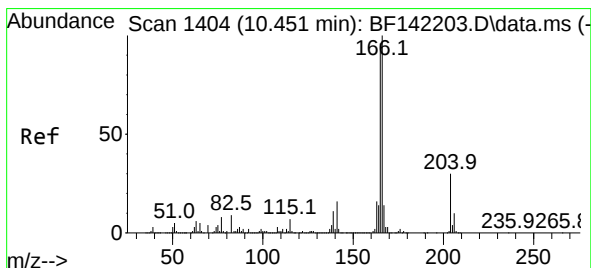
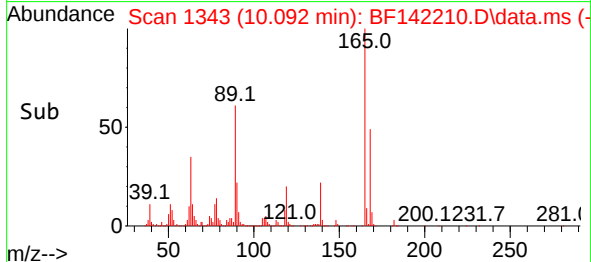
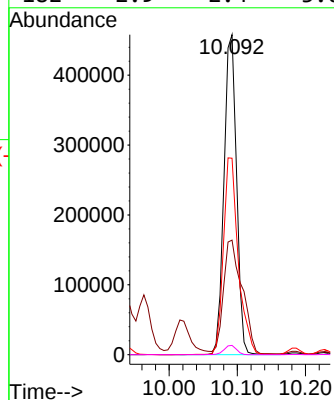
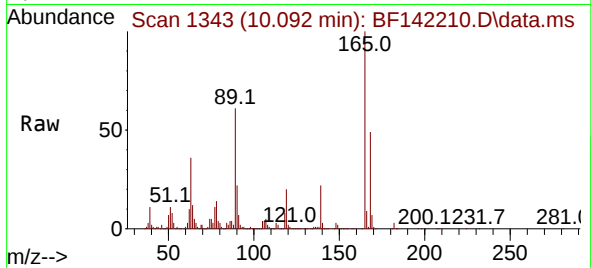




#57  
2,4-Dinitrotoluene  
Concen: 37.778 ng  
RT: 10.092 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

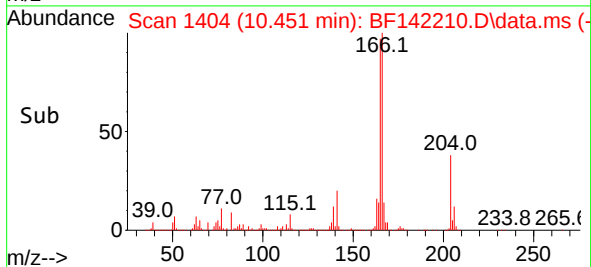
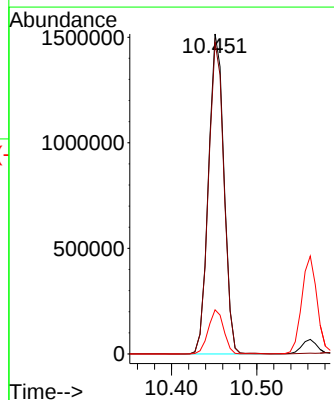
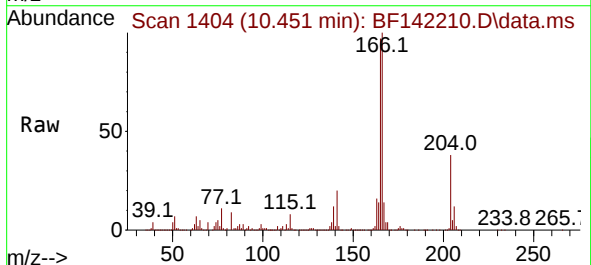
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

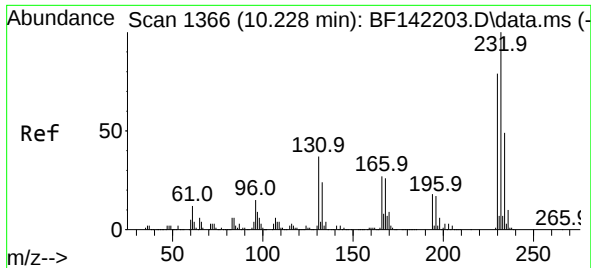
Tgt Ion:165 Resp: 588403  
Ion Ratio Lower Upper  
165 100  
63 35.8 29.0 43.6  
89 61.4 50.1 75.1  
182 2.9 2.4 3.6



#58  
Fluorene  
Concen: 36.982 ng  
RT: 10.451 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:166 Resp: 1904798  
Ion Ratio Lower Upper  
166 100  
165 97.3 77.1 115.7  
167 13.8 11.0 16.4

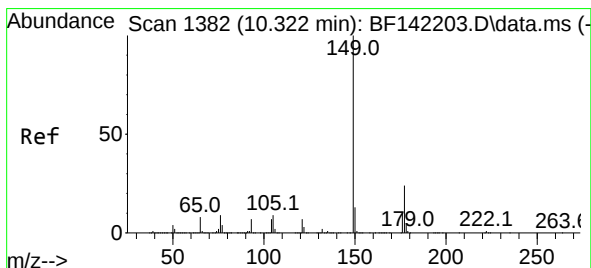
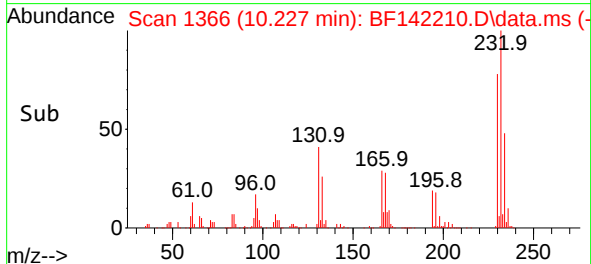
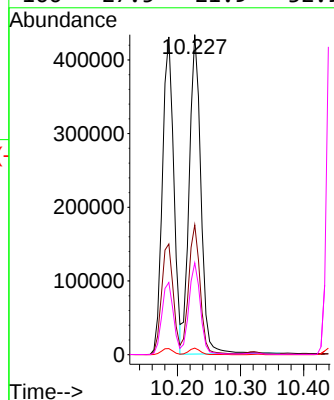
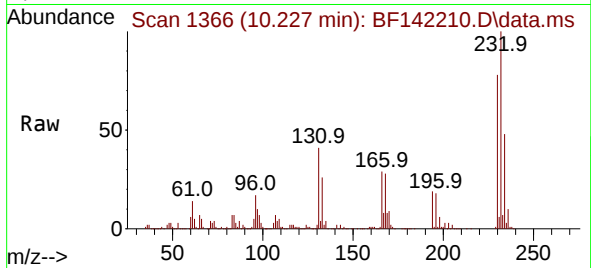




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.416 ng  
RT: 10.227 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

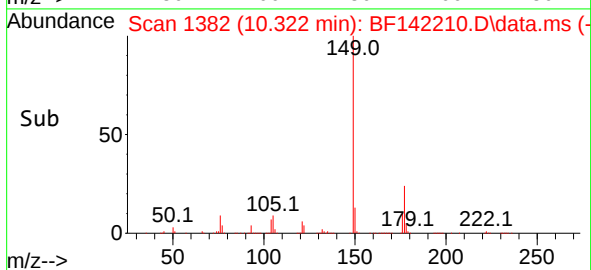
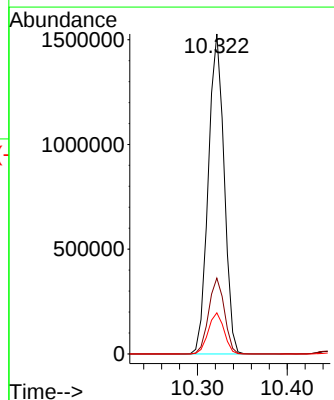
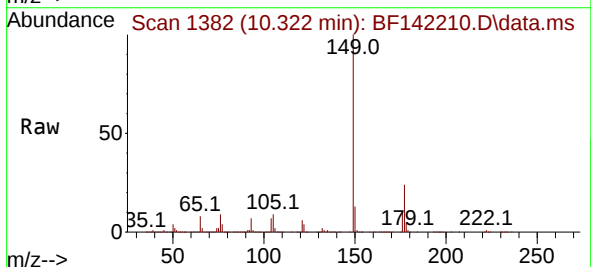
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

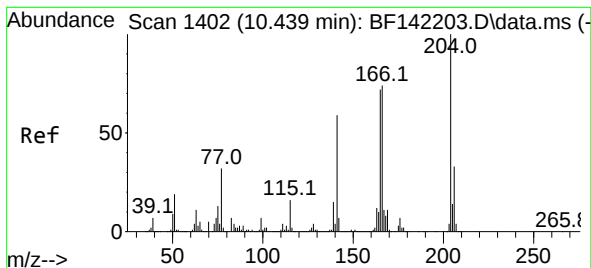
Tgt Ion:232 Resp: 558460  
Ion Ratio Lower Upper  
232 100  
131 40.1 31.9 47.9  
130 1.9 1.6 2.4  
166 27.5 21.9 32.9



#60  
Diethylphthalate  
Concen: 37.222 ng  
RT: 10.322 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:149 Resp: 1866878  
Ion Ratio Lower Upper  
149 100  
177 23.7 19.6 29.4  
150 12.9 10.6 15.8

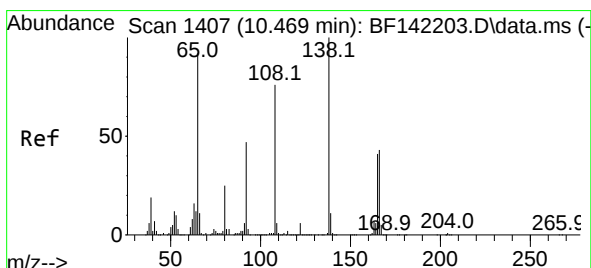
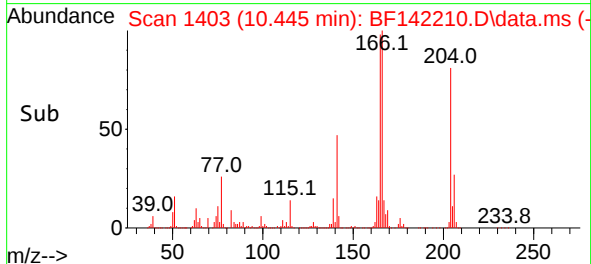
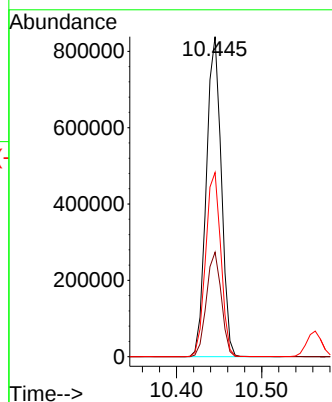
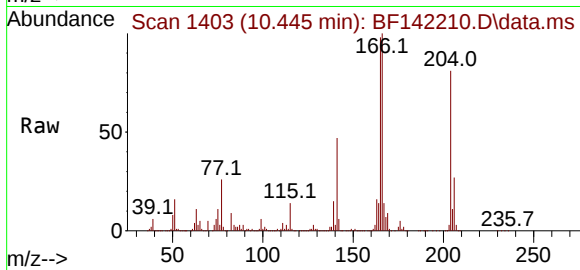




#61  
4-Chlorophenyl-phenylether  
Concen: 36.021 ng  
RT: 10.445 min Scan# 1403  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

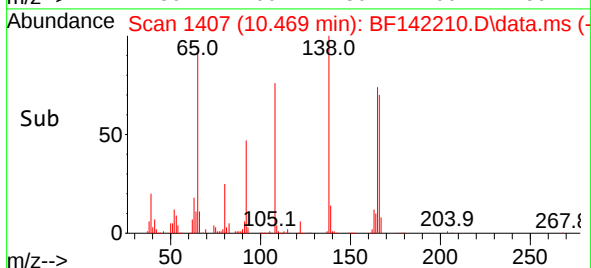
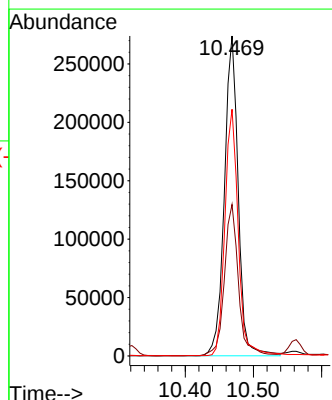
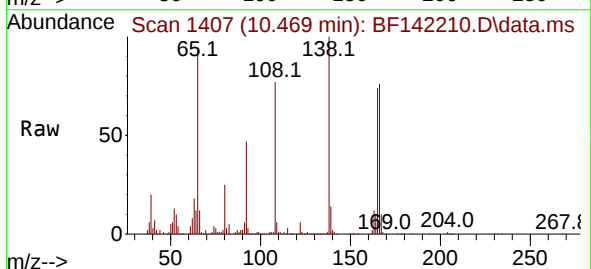
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

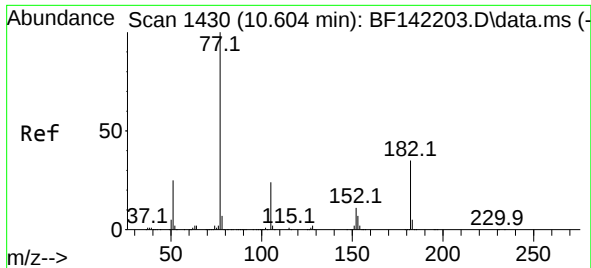
Tgt Ion:204 Resp: 1021558  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.5 39.7  
141 57.5 47.0 70.6



#62  
4-Nitroaniline  
Concen: 35.193 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:138 Resp: 386520  
Ion Ratio Lower Upper  
138 100  
92 47.3 26.7 66.7  
108 77.1 56.5 96.5



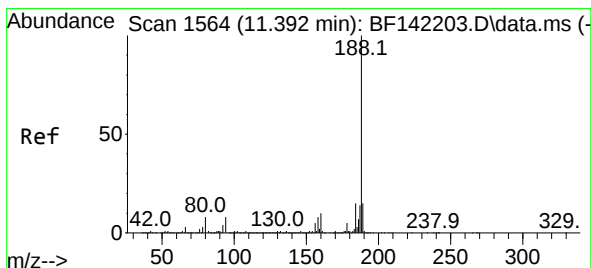
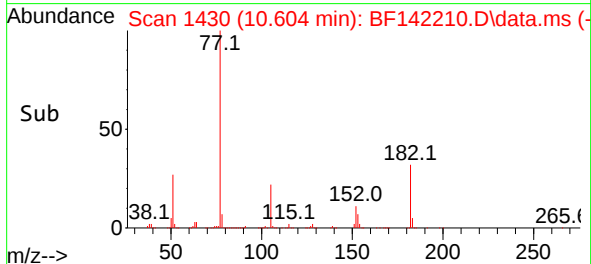
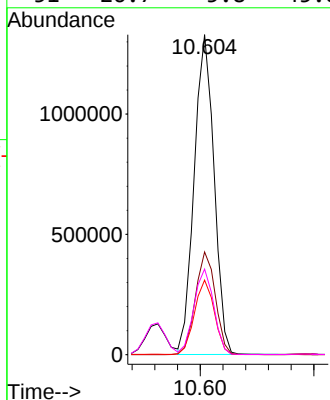
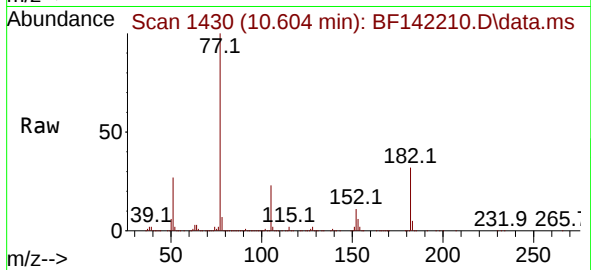


#63  
Azobenzene  
Concen: 36.980 ng  
RT: 10.604 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 1615035

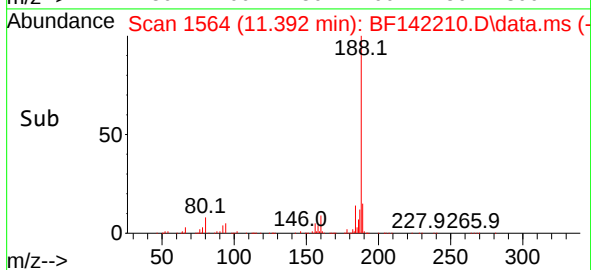
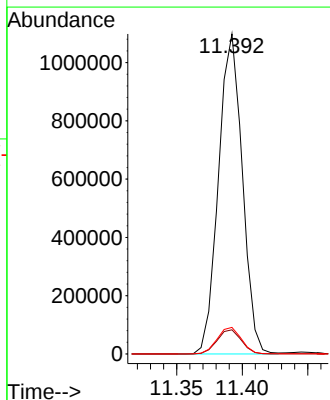
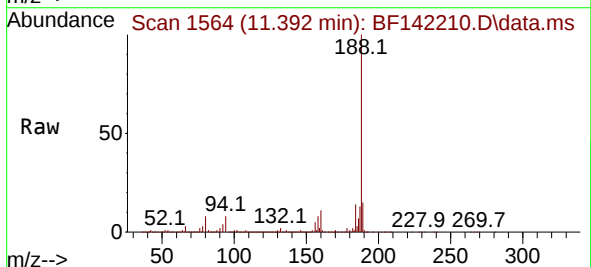
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 32.1  | 14.8  | 54.8  |
| 105 | 23.3  | 4.0   | 44.0  |
| 51  | 26.7  | 5.8   | 45.8  |

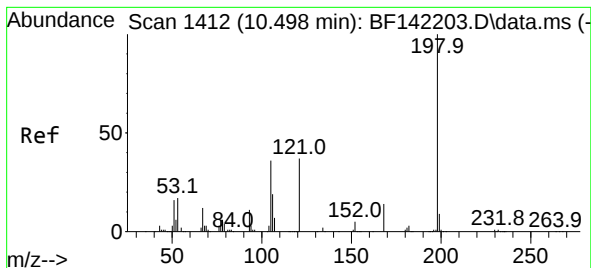


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 1564  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion: 188 Resp: 1387409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.5   | 6.3   | 9.5   |
| 80  | 8.3   | 6.7   | 10.1  |

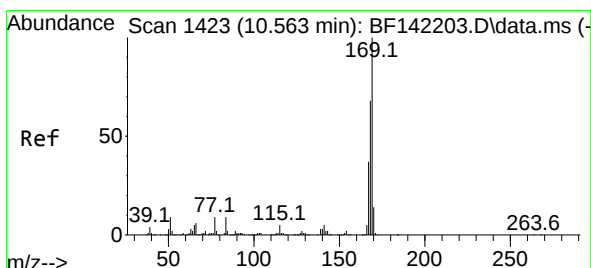
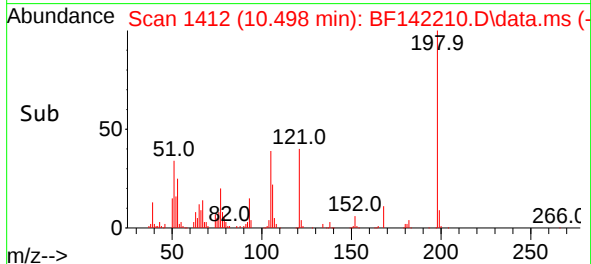
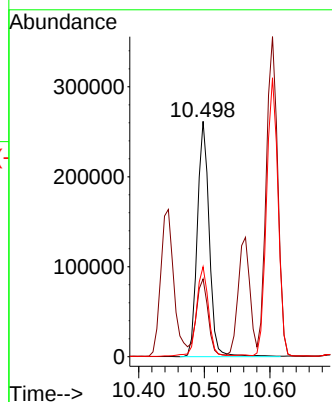
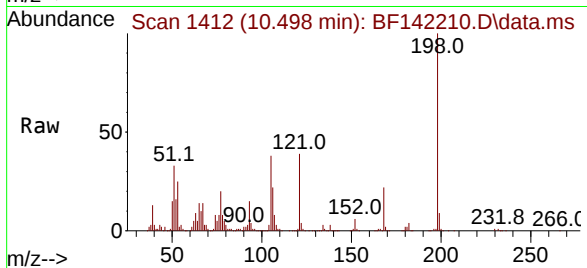




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.745 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

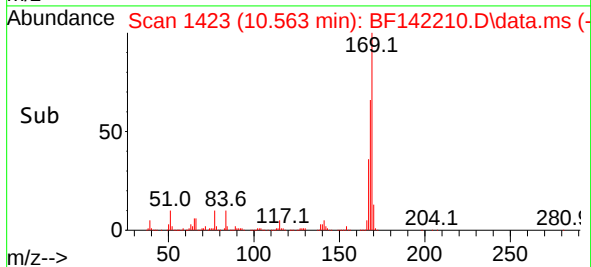
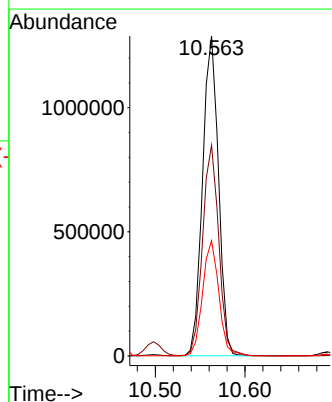
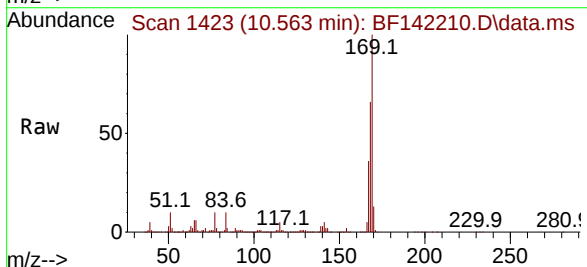
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

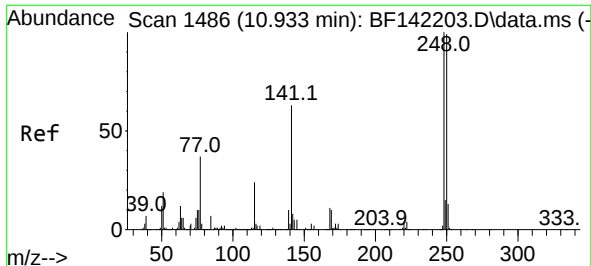
Tgt Ion:198 Resp: 329979  
Ion Ratio Lower Upper  
198 100  
51 33.0 10.2 50.2  
105 38.2 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 37.293 ng  
RT: 10.563 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:169 Resp: 1585787  
Ion Ratio Lower Upper  
169 100  
168 65.8 54.2 81.2  
167 36.0 29.4 44.2

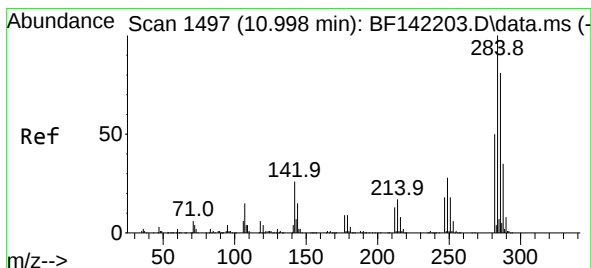
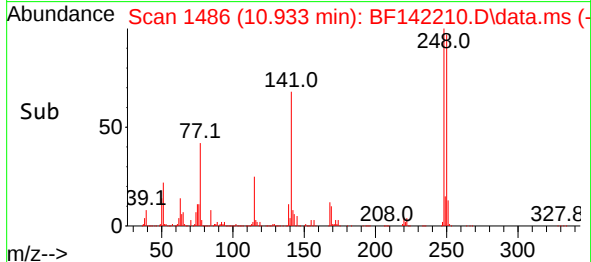
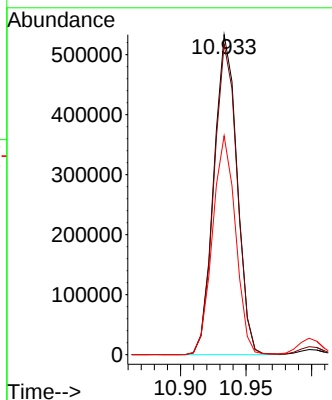
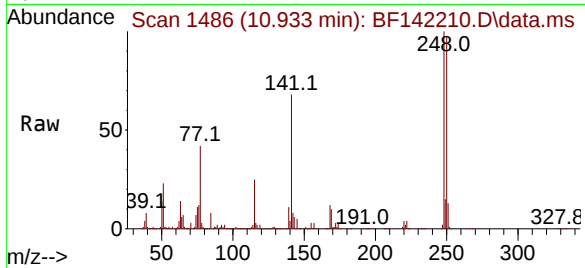




#67  
4-Bromophenyl-phenylether  
Concen: 35.932 ng  
RT: 10.933 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

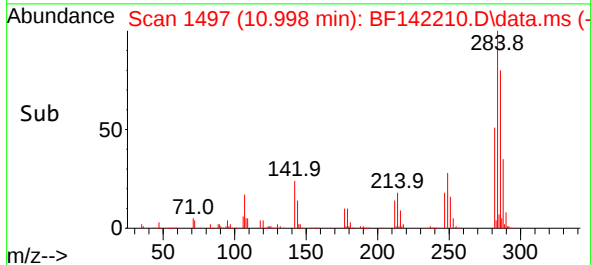
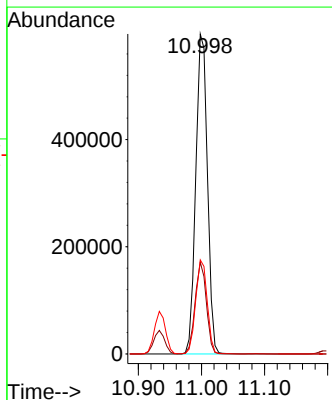
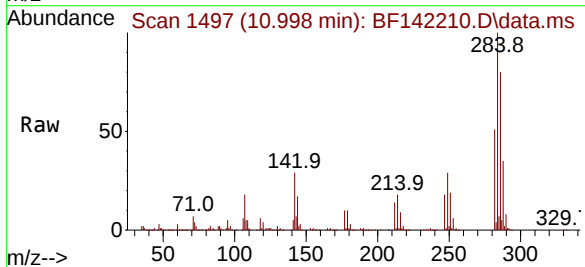
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

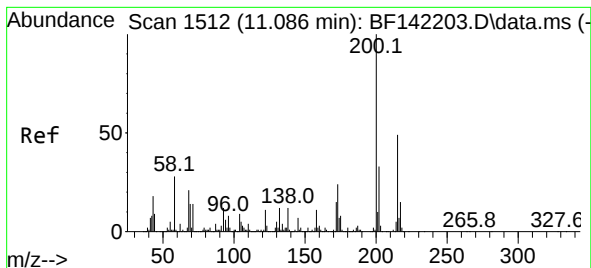
Tgt Ion:248 Resp: 655610  
Ion Ratio Lower Upper  
248 100  
250 97.1 78.8 118.2  
141 68.4 50.6 75.8



#68  
Hexachlorobenzene  
Concen: 35.198 ng  
RT: 10.998 min Scan# 1497  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:284 Resp: 764272  
Ion Ratio Lower Upper  
284 100  
142 28.6 20.7 31.1  
249 29.4 22.8 34.2





#69

Atrazine

Concen: 45.766 ng

RT: 11.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

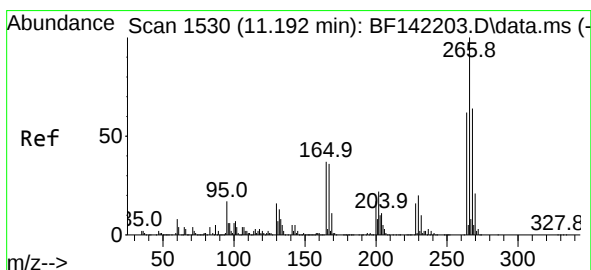
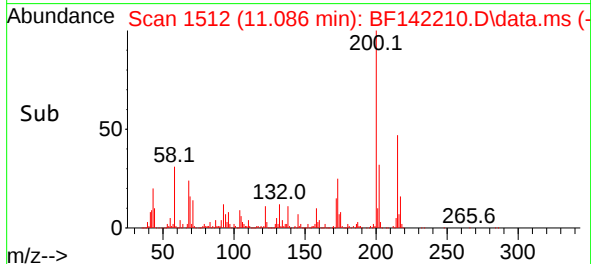
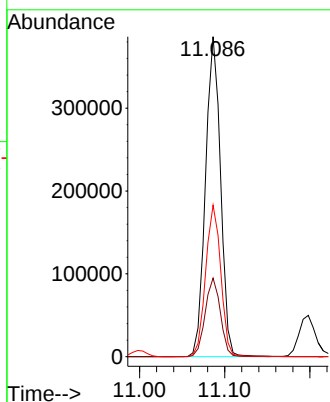
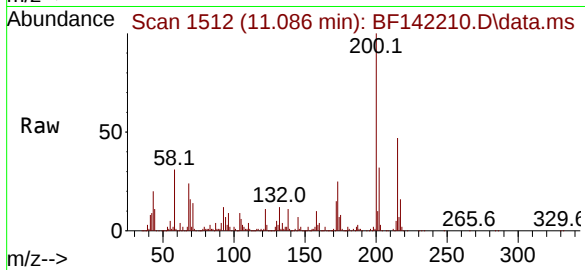
Tgt Ion:200 Resp: 474910

Ion Ratio Lower Upper

200 100

173 24.5 4.4 44.4

215 47.3 28.6 68.6



#70

Pentachlorophenol

Concen: 36.247 ng

RT: 11.198 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

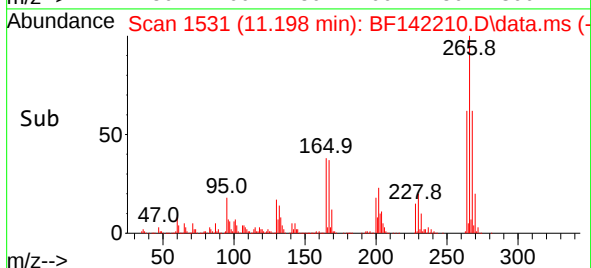
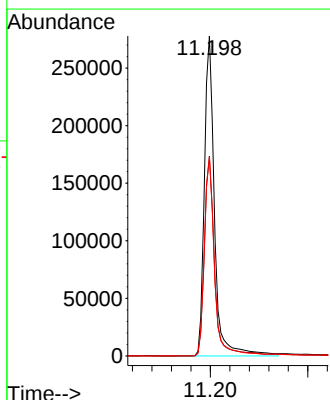
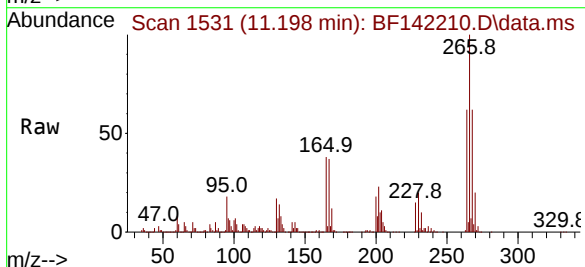
Tgt Ion:266 Resp: 401505

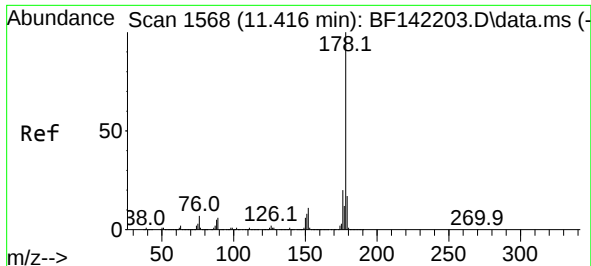
Ion Ratio Lower Upper

266 100

268 62.4 50.9 76.3

264 62.3 49.4 74.2

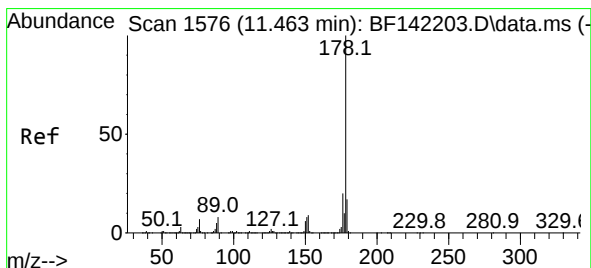
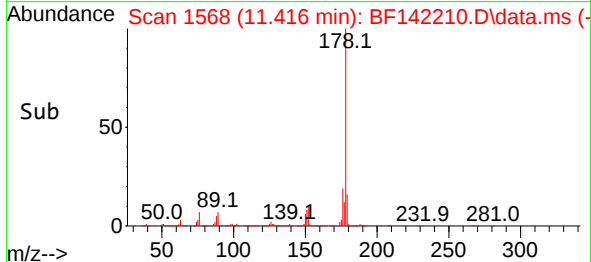
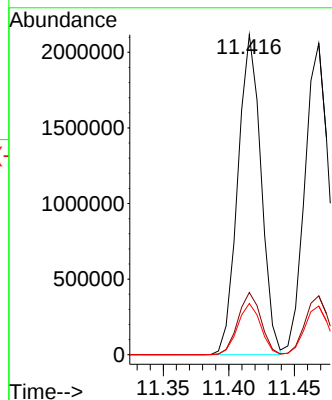
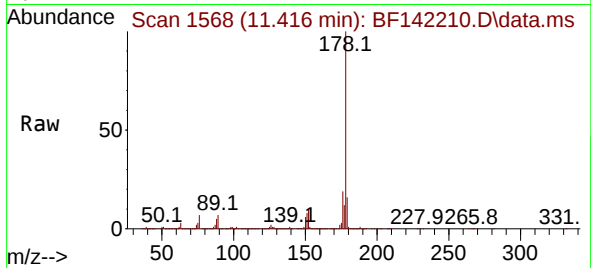




#71  
Phenanthrene  
Concen: 37.837 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

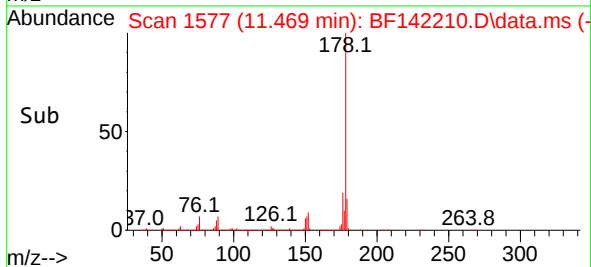
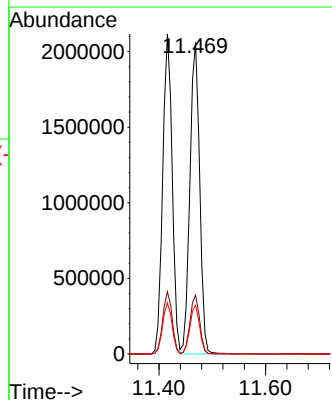
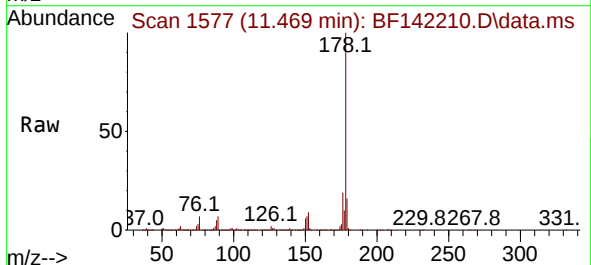
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

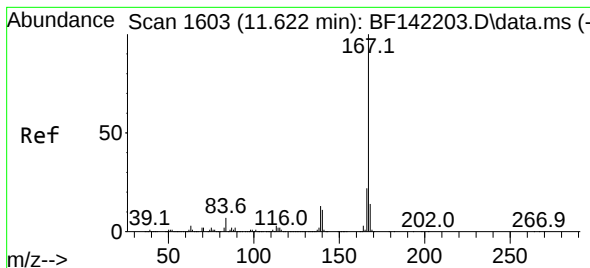
Tgt Ion:178 Resp: 2606889  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.3 24.5  
179 16.0 13.3 19.9



#72  
Anthracene  
Concen: 38.106 ng  
RT: 11.469 min Scan# 1577  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:178 Resp: 2625095  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.6 23.4  
179 15.6 13.4 20.0





#73

Carbazole

Concen: 36.073 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

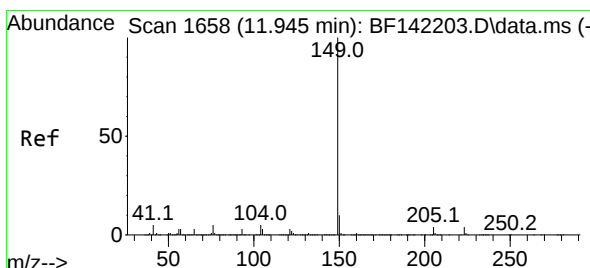
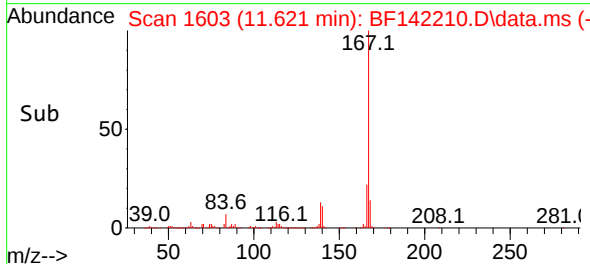
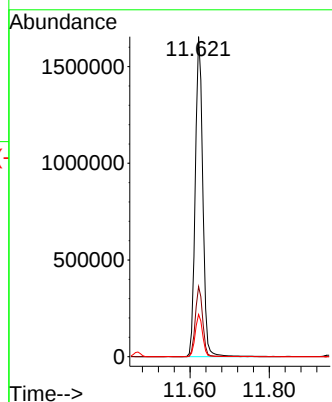
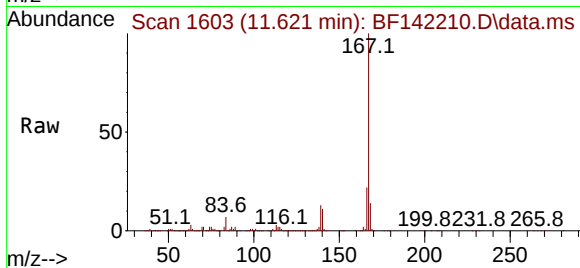
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 2171037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.4  | 26.2  |
| 139 | 13.2  | 10.7  | 16.1  |



#74

Di-n-butylphthalate

Concen: 39.454 ng

RT: 11.951 min Scan# 1659

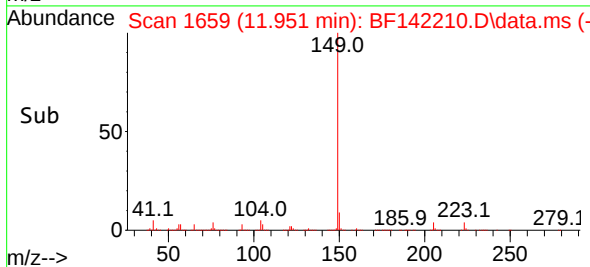
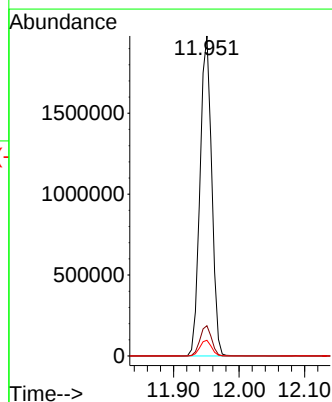
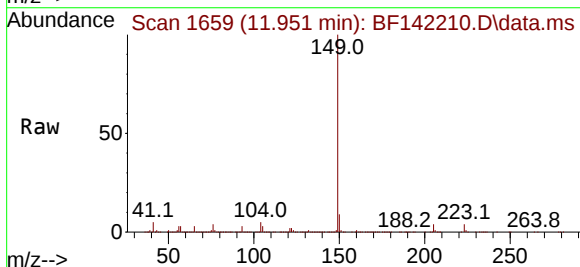
Delta R.T. 0.006 min

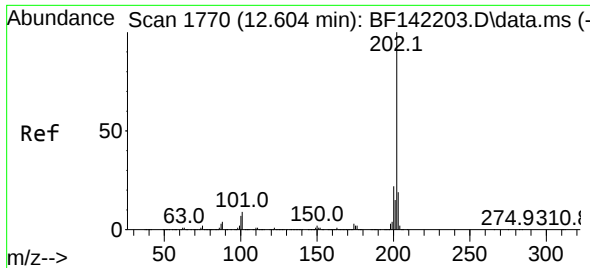
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:149 Resp: 2457628

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.9   | 11.9  |
| 104 | 4.9   | 4.0   | 6.0   |

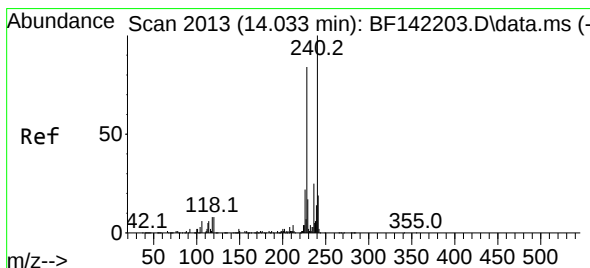
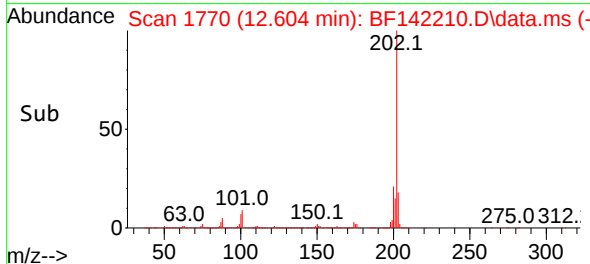
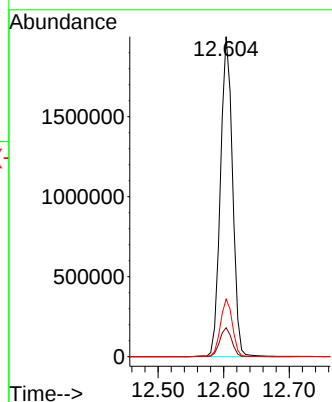
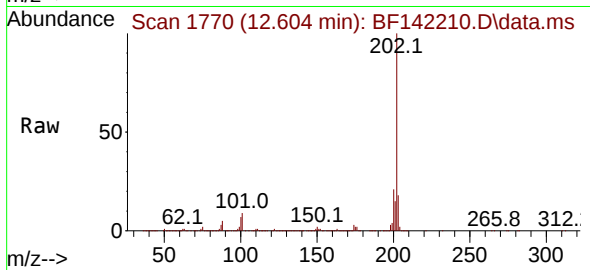




#75  
Fluoranthene  
Concen: 35.616 ng  
RT: 12.604 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

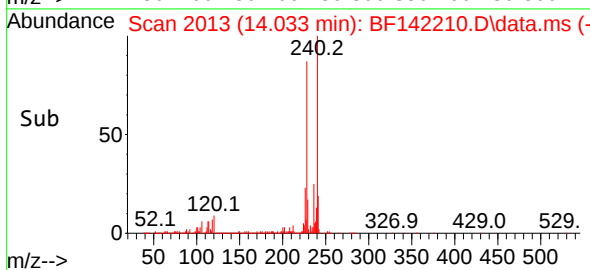
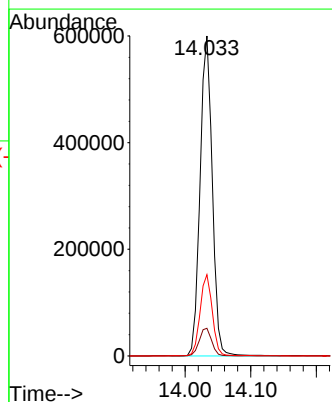
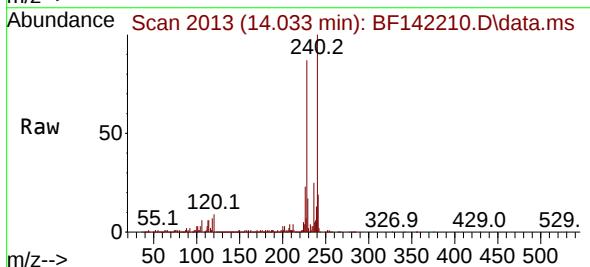
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

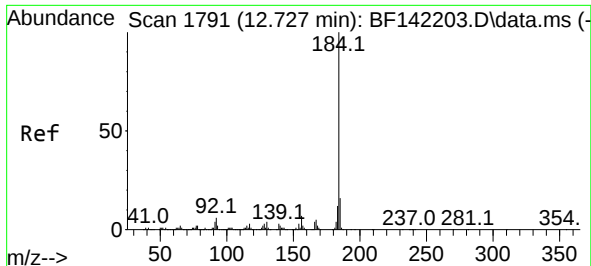
Tgt Ion:202 Resp: 2550696  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 28.9  
203 18.0 0.0 38.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 1213  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:240 Resp: 777716  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.1 10.7  
236 25.4 20.2 30.2

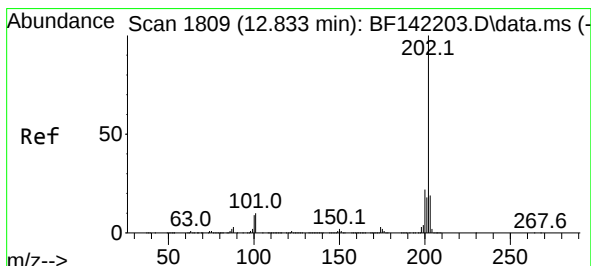
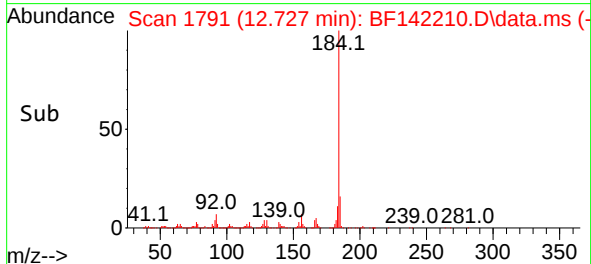
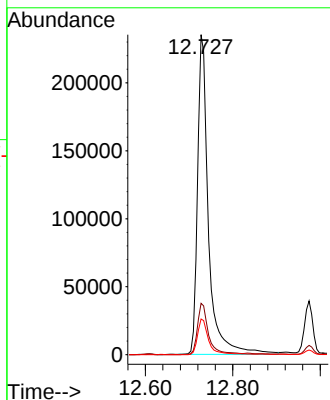
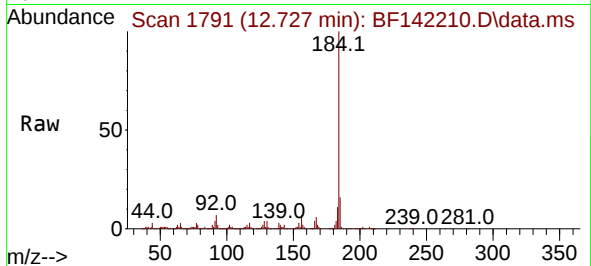




#77  
Benzidine  
Concen: 40.799 ng  
RT: 12.727 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

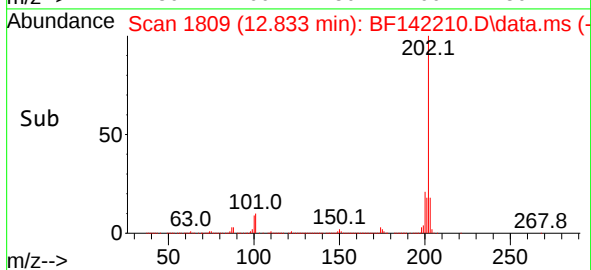
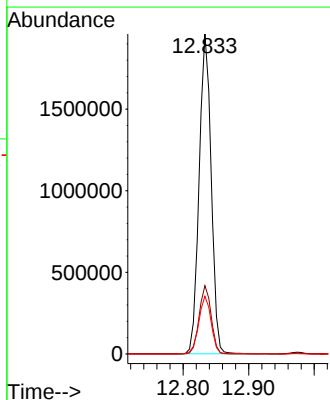
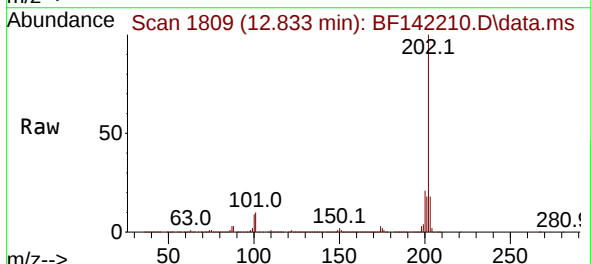
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

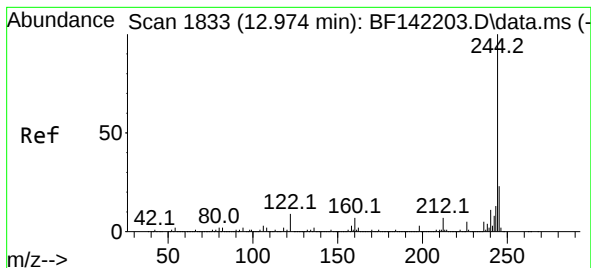
Tgt Ion:184 Resp: 409464  
Ion Ratio Lower Upper  
184 100  
185 16.0 13.0 19.6  
183 11.1 9.6 14.4



#78  
Pyrene  
Concen: 40.623 ng  
RT: 12.833 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:202 Resp: 2509215  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.6 26.4  
203 18.0 14.8 22.2





#79

Terphenyl-d14

Concen: 79.195 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

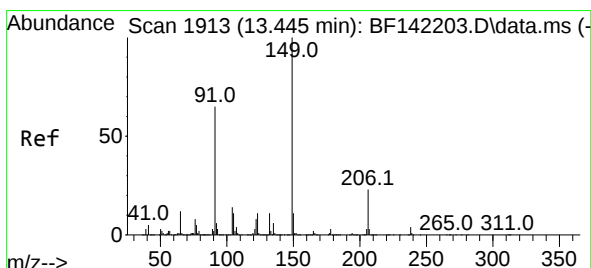
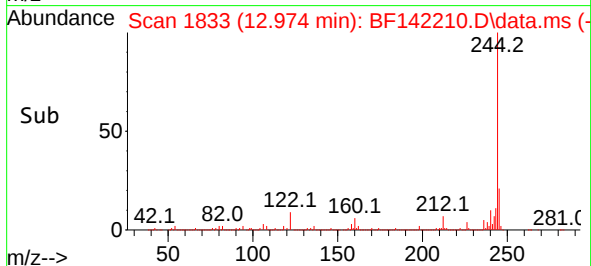
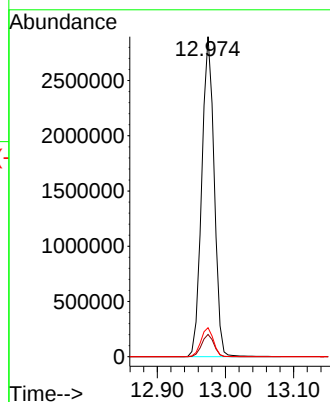
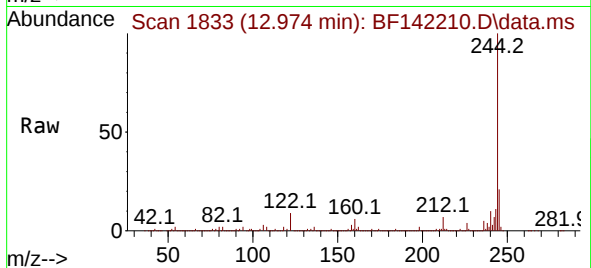
Tgt Ion:244 Resp: 3676448

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.0 7.3 10.9



#80

Butylbenzylphthalate

Concen: 44.418 ng

RT: 13.451 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

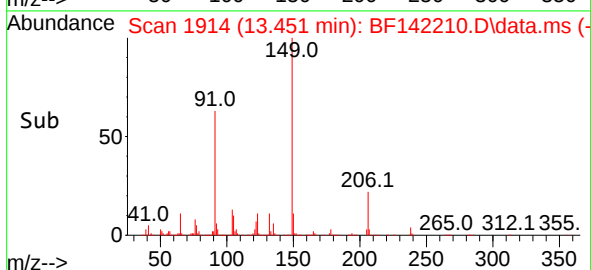
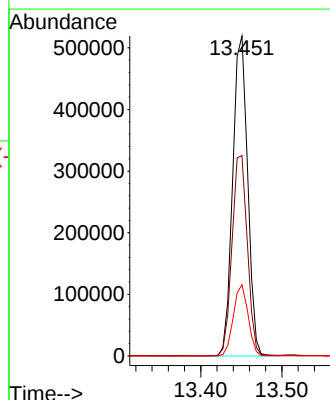
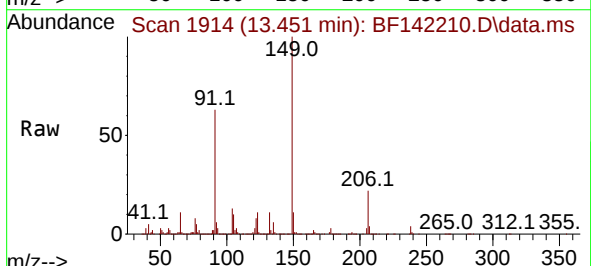
Tgt Ion:149 Resp: 664070

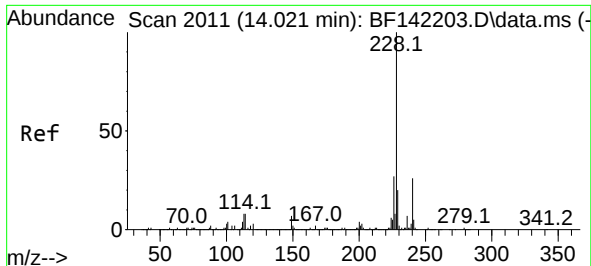
Ion Ratio Lower Upper

149 100

91 62.6 51.8 77.8

206 22.3 18.2 27.4

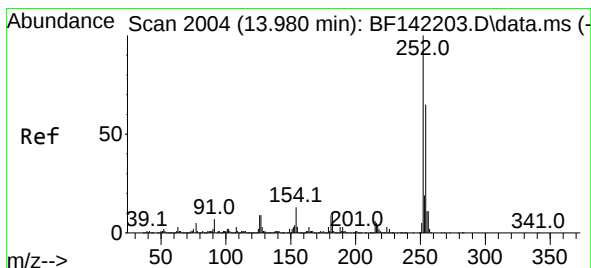
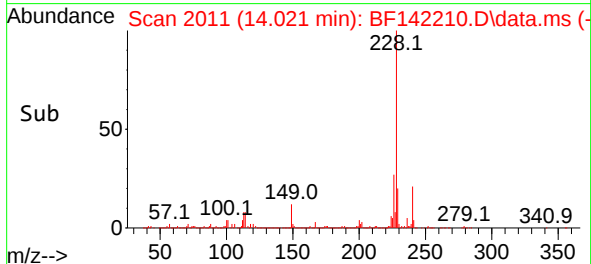
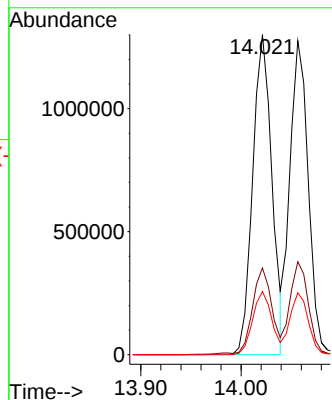
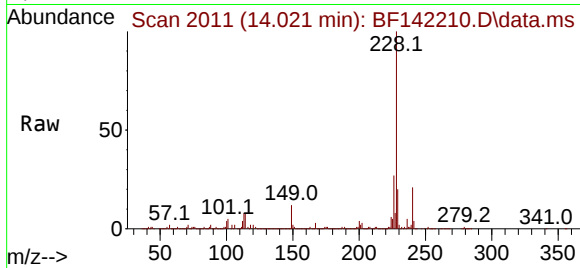




#81  
Benzo(a)anthracene  
Concen: 36.789 ng  
RT: 14.021 min Scan# 2011  
Delta R.T. -0.000 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

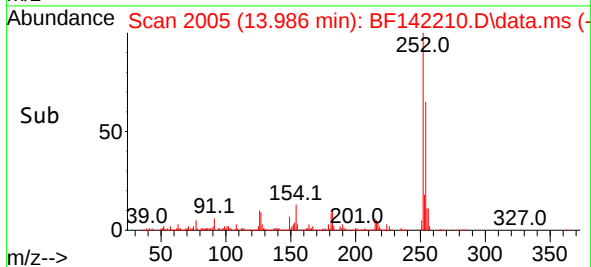
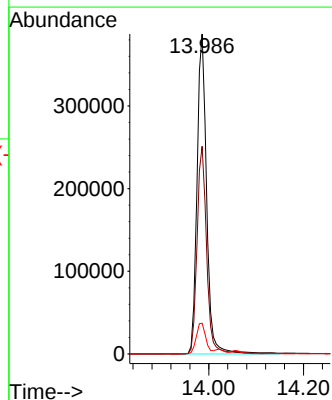
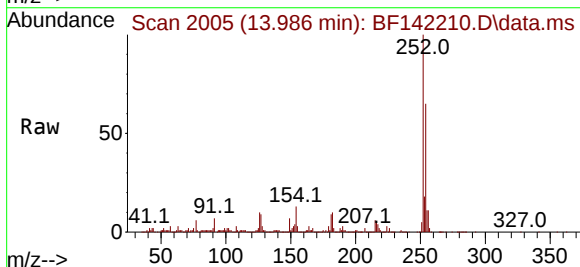
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

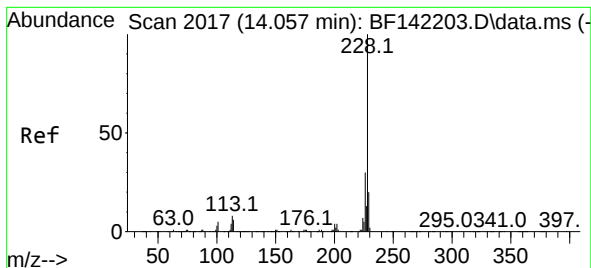
Tgt Ion:228 Resp: 1732930  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.8 32.8  
229 19.7 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 38.885 ng  
RT: 13.986 min Scan# 2005  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:252 Resp: 545445  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.9 77.9  
126 9.6 7.4 11.0





#83

Chrysene

Concen: 36.150 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

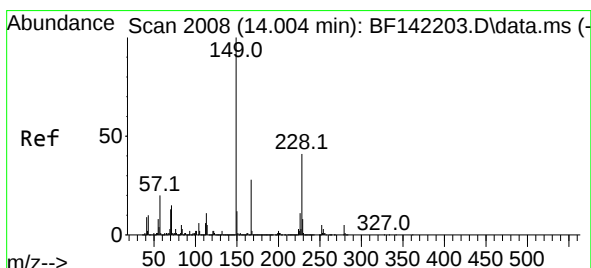
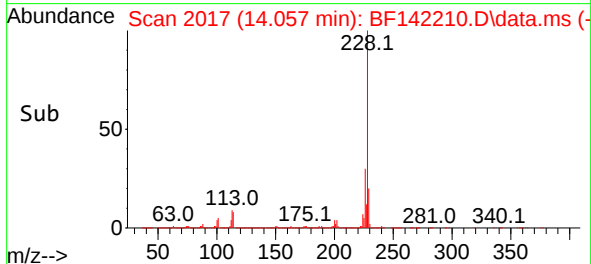
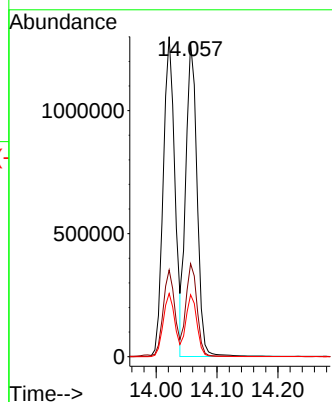
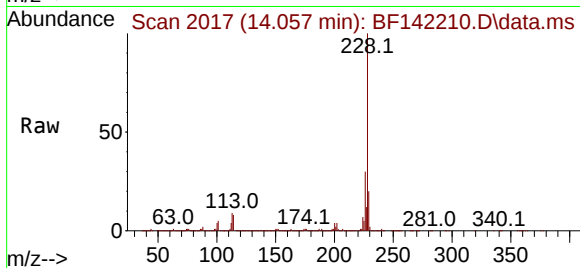
Tgt Ion:228 Resp: 1640659

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.7 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.101 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

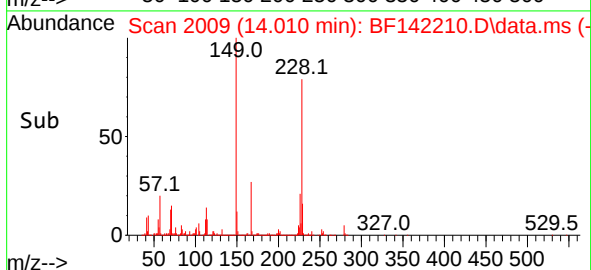
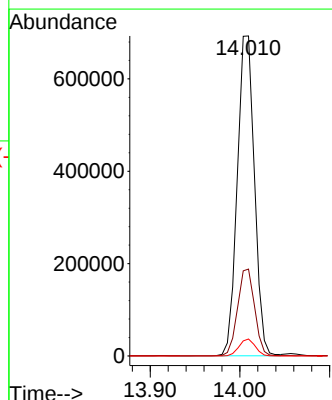
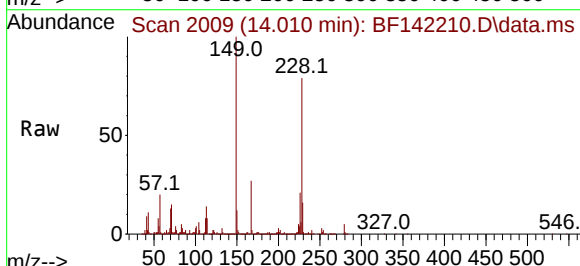
Tgt Ion:149 Resp: 922062

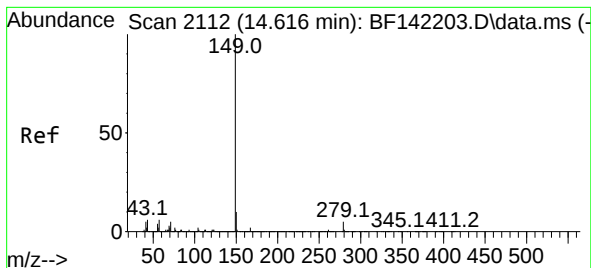
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 50.216 ng

RT: 14.621 min Scan# 2112

Delta R.T. 0.005 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

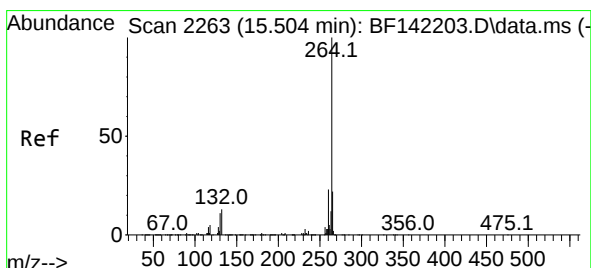
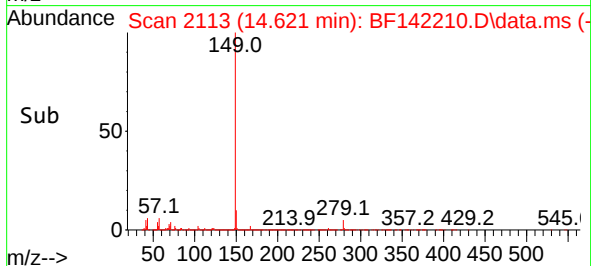
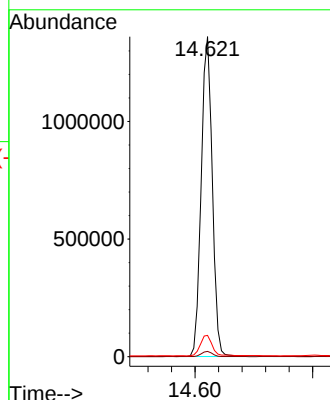
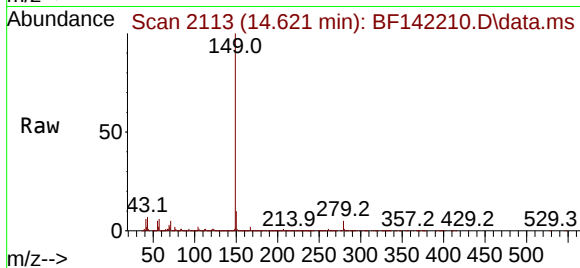
Tgt Ion:149 Resp: 1778874

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.9 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

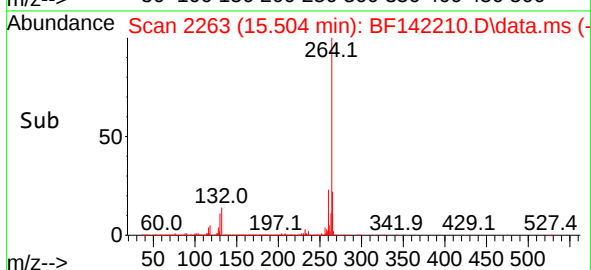
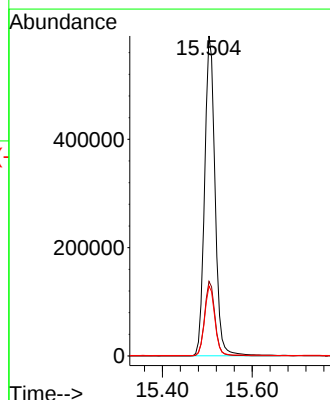
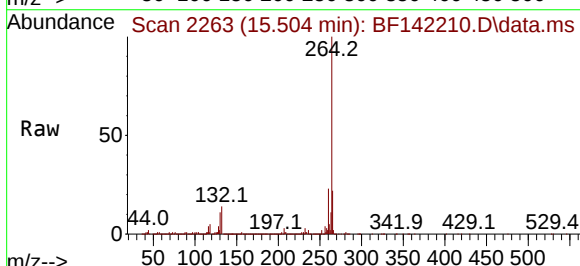
Tgt Ion:264 Resp: 953582

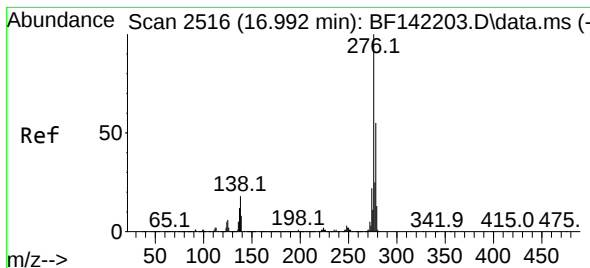
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.880 ng

RT: 16.998 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

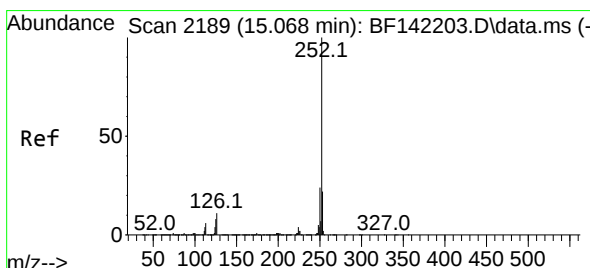
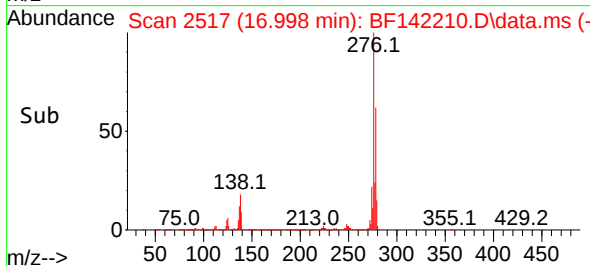
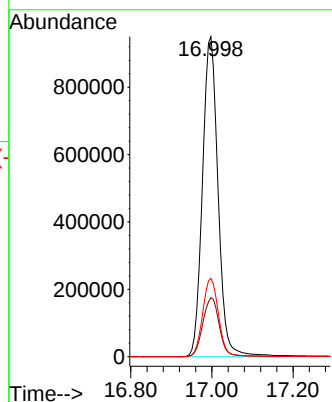
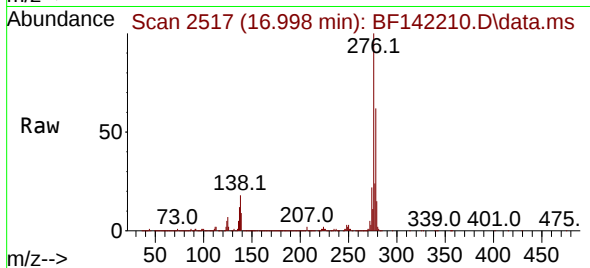
Tgt Ion:276 Resp: 2534368

Ion Ratio Lower Upper

276 100

138 19.5 15.1 22.7

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 34.803 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

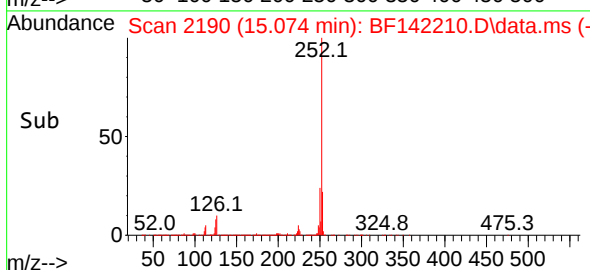
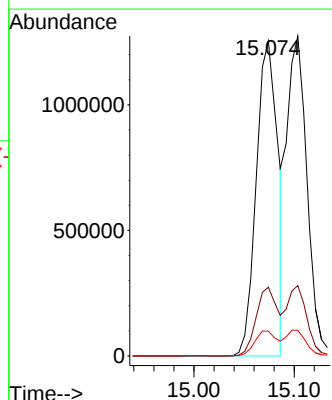
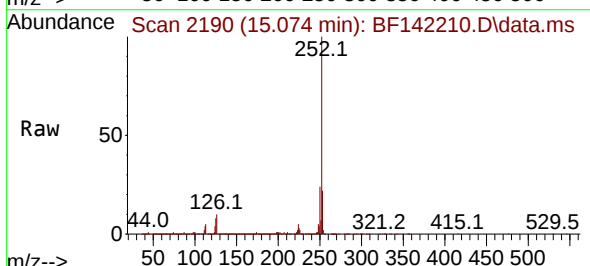
Tgt Ion:252 Resp: 1861922

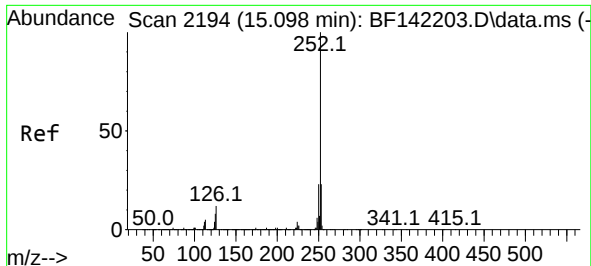
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.9 6.4 9.6

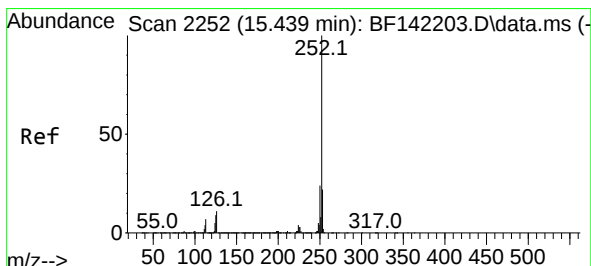
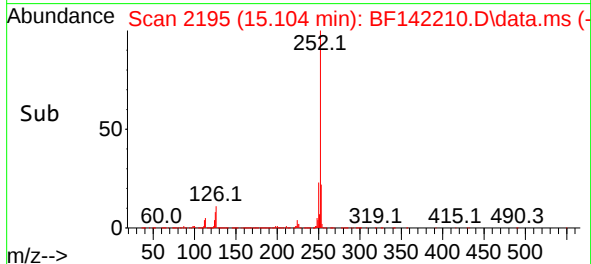
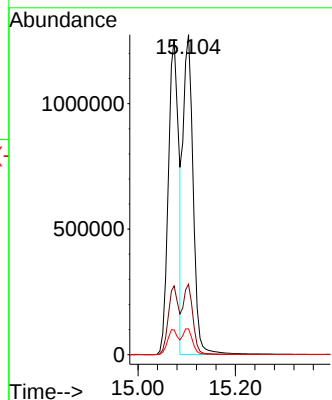
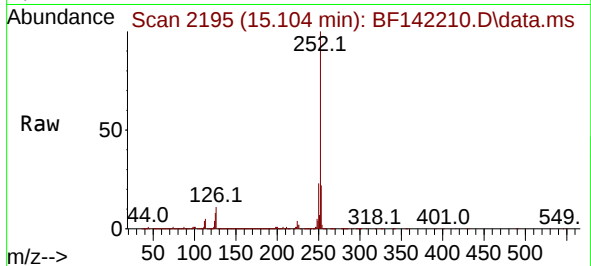




#89  
Benzo(k)fluoranthene  
Concen: 34.446 ng  
RT: 15.104 min Scan# 2194  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

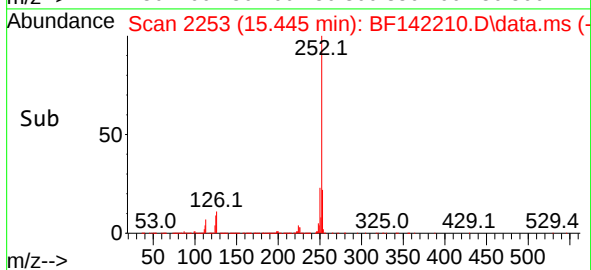
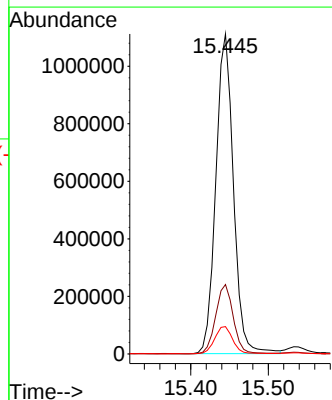
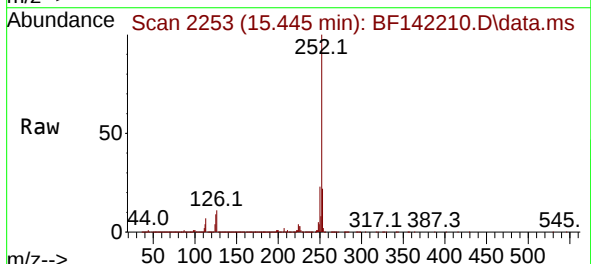
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

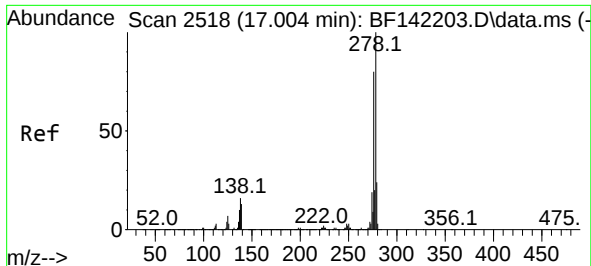
Tgt Ion:252 Resp: 1820142  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 8.1 6.6 10.0



#90  
Benzo(a)pyrene  
Concen: 36.526 ng  
RT: 15.445 min Scan# 2253  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:252 Resp: 1748823  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.6  
125 8.6 7.1 10.7

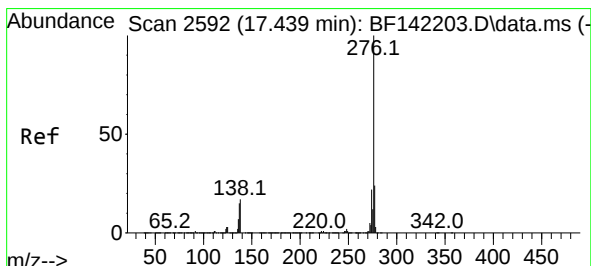
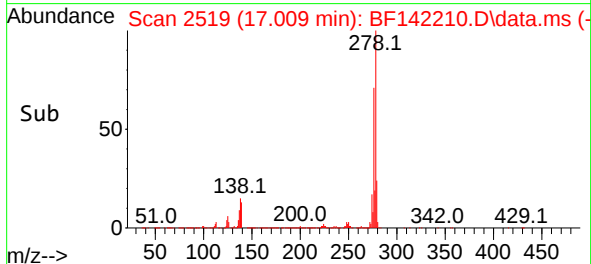
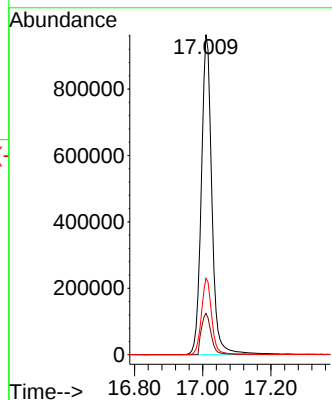
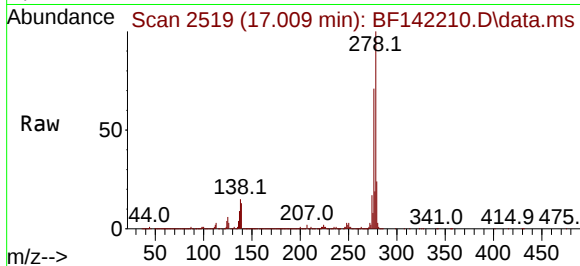




#91  
Dibenzo(a,h)anthracene  
Concen: 38.012 ng  
RT: 17.009 min Scan# 2518  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 2074575  
Ion Ratio Lower Upper  
278 100  
139 12.9 10.2 15.4  
279 23.8 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 37.617 ng  
RT: 17.445 min Scan# 2593  
Delta R.T. 0.006 min  
Lab File: BF142210.D  
Acq: 22 Apr 2025 14:11

Tgt Ion:276 Resp: 2138331  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.2 28.8  
138 16.6 13.4 20.2

