

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042125\  
 Data File : BF142207.D  
 Acq On : 21 Apr 2025 18:12  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 22 02:23:27 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     | 6.863  | 152  | 461542   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.145  | 136  | 1719122  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 967738   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 1649639  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 1001037  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 1142603  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1955894  | 79.451 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.493  | 99   | 2444776  | 79.298 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 2178335  | 79.578 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 1102365  | 83.314 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 4641250  | 78.171 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.975 | 244  | 4698500  | 78.632 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.610  | 88   | 348980   | 34.924 | ng    | 99       |
| 3) Pyridine                   | 3.375  | 79   | 819004   | 37.761 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.328  | 42   | 338244   | 38.408 | ng    | 100      |
| 6) Aniline                    | 6.528  | 93   | 1127792  | 39.617 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 1124478  | 39.905 | ng    | 99       |
| 9) Benzaldehyde               | 6.416  | 77   | 685303   | 40.487 | ng    | 100      |
| 10) Phenol                    | 6.504  | 94   | 1290053  | 39.672 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 929239   | 37.893 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 1273566  | 39.884 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 1279692  | 39.074 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 1210661  | 39.736 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 931634   | 41.444 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140  | 45   | 895979   | 37.695 | ng    | 100      |
| 17) 2-Methylphenol            | 7.116  | 107  | 849930   | 40.076 | ng    | 99       |
| 18) Hexachloroethane          | 7.375  | 117  | 451803   | 40.609 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 682166   | 39.129 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 1074921  | 40.753 | ng    | 99       |
| 22) Acetophenone              | 7.275  | 105  | 1490022  | 39.487 | ng    | 99       |
| 24) Nitrobenzene              | 7.451  | 77   | 1074704  | 39.630 | ng    | 98       |
| 25) Isophorone                | 7.687  | 82   | 1791918  | 38.998 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 607994   | 42.652 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 745277   | 40.209 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 1157428  | 38.380 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 1008665  | 40.013 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.087  | 180  | 1158390  | 39.295 | ng    | 100      |
| 31) Naphthalene               | 8.169  | 128  | 3284422  | 40.444 | ng    | 99       |
| 32) Benzoic acid              | 7.916  | 122  | 656470   | 39.705 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 1138684  | 38.724 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.287  | 225  | 785037   | 40.353 | ng    | 99       |
| 35) Caprolactam               | 8.587  | 113  | 271427   | 40.363 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 1009244  | 39.772 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 2221072  | 39.574 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 2144714  | 39.468 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 1252340  | 39.551 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 390131   | 40.180 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.134  | 196  | 769958   | 41.650 | ng    | 100      |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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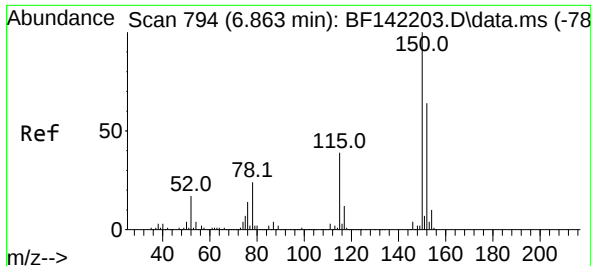
Quant Time: Apr 22 02:23:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 22 02:14:30 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 804500   | 40.600 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 2787856  | 40.174 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 2143104  | 39.787 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 512902   | 40.623 | ng    | 98       |
| 49) Acenaphthylene            | 9.763  | 152  | 3097514  | 40.684 | ng    | 99       |
| 50) Dimethylphthalate         | 9.622  | 163  | 2495011  | 40.211 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 559732   | 40.180 | ng    | 100      |
| 52) Acenaphthene              | 9.939  | 154  | 2186739  | 39.857 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 523952   | 39.254 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 285080   | 41.783 | ng    | 99       |
| 55) Dibenzofuran              | 10.110 | 168  | 3095656  | 40.248 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 393347   | 40.286 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 735612   | 40.884 | ng    | 99       |
| 58) Fluorene                  | 10.451 | 166  | 2392935  | 40.218 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 720730   | 40.684 | ng    | 98       |
| 60) Diethylphthalate          | 10.322 | 149  | 2378709  | 41.055 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 1304487  | 39.818 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 494658   | 38.989 | ng    | 95       |
| 63) Azobenzene                | 10.604 | 77   | 2002528  | 39.692 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 402642   | 41.814 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 2027400  | 40.100 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 857590   | 39.530 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 1025825  | 39.734 | ng    | 100      |
| 69) Atrazine                  | 11.081 | 200  | 427015   | 34.609 | ng    | 99       |
| 70) Pentachlorophenol         | 11.192 | 266  | 548360   | 41.635 | ng    | 99       |
| 71) Phenanthrene              | 11.416 | 178  | 3261562  | 39.814 | ng    | 100      |
| 72) Anthracene                | 11.463 | 178  | 3323644  | 40.577 | ng    | 99       |
| 73) Carbazole                 | 11.622 | 167  | 2754209  | 38.488 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 3133657  | 42.309 | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 3290166  | 38.639 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 653980   | 50.625 | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 3208253  | 40.353 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.445 | 149  | 874716   | 45.455 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.022 | 228  | 2481966  | 40.936 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.980 | 252  | 732492   | 40.570 | ng    | 100      |
| 83) Chrysene                  | 14.057 | 228  | 2246623  | 38.458 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 1190031  | 46.225 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.616 | 149  | 2120040  | 46.495 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.992 | 276  | 3077410  | 38.388 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 2540619  | 39.633 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 2429949  | 38.379 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 2268563  | 39.543 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.010 | 278  | 2540904  | 38.855 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.439 | 276  | 2526379  | 37.091 | ng    | 99       |

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

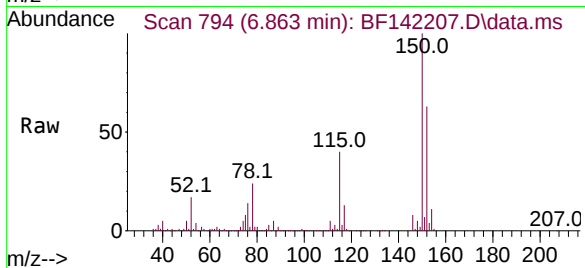
Quant Time: Apr 22 02:23:27 2025  
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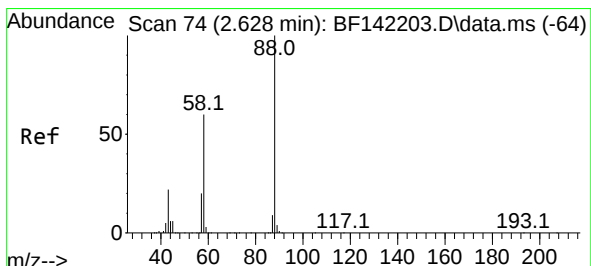
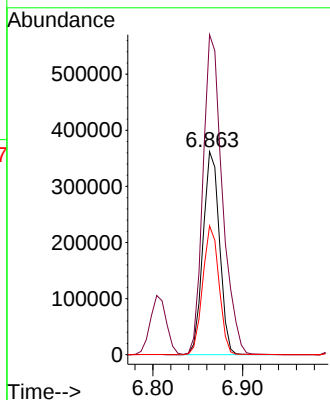
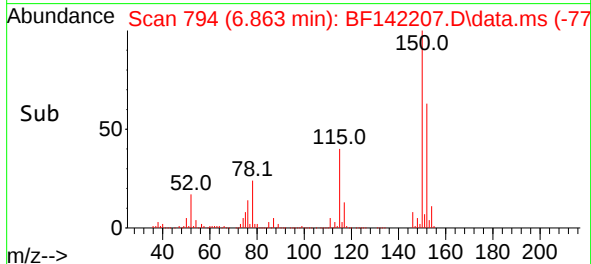


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.863 min Scan# 79  
 Delta R.T. 0.000 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12

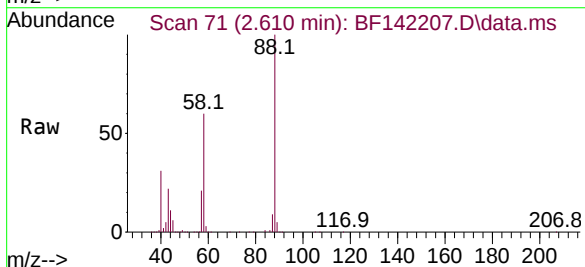
Instrument :  
 BNA\_F  
 ClientSampleId :



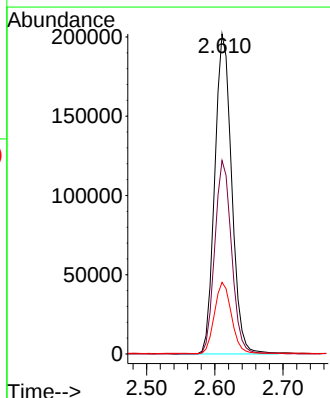
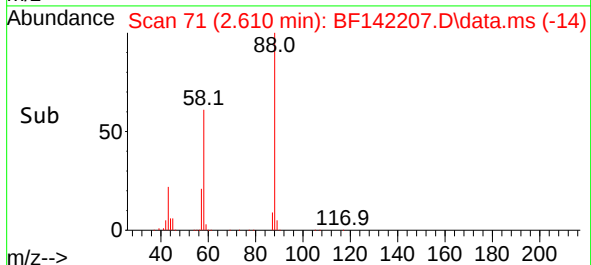
Tgt Ion:152 Resp: 461542  
 Ion Ratio Lower Upper  
 152 100  
 150 157.6 126.4 189.6  
 115 63.4 49.4 74.2

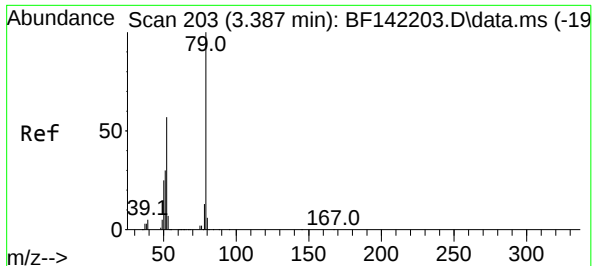


#2  
 1,4-Dioxane  
 Concen: 34.924 ng  
 RT: 2.610 min Scan# 71  
 Delta R.T. -0.018 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12



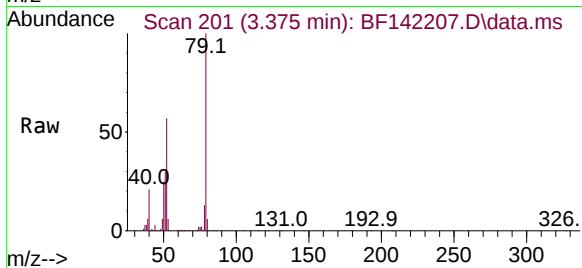
Tgt Ion: 88 Resp: 348980  
 Ion Ratio Lower Upper  
 88 100  
 58 60.2 47.8 71.6  
 43 22.5 17.8 26.8



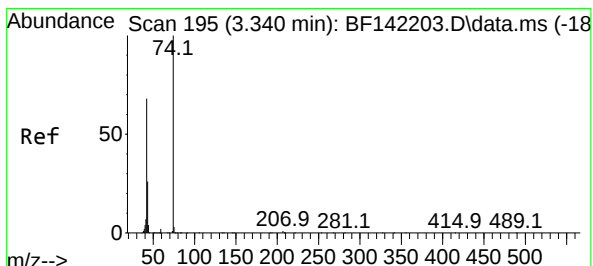
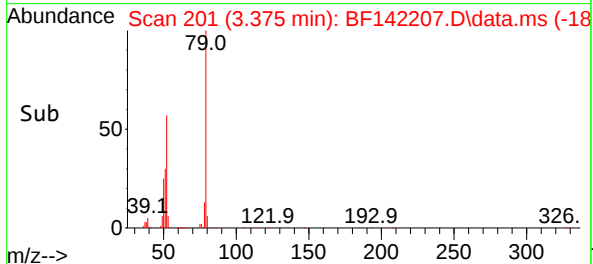
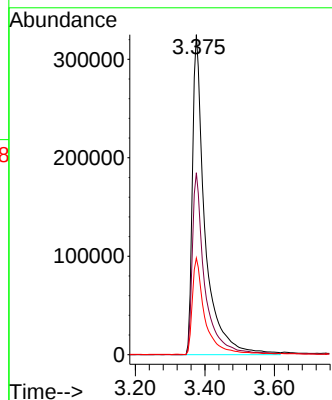


#3  
 Pyridine  
 Concen: 37.761 ng  
 RT: 3.375 min Scan# 20  
 Delta R.T. -0.012 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12

Instrument :  
 BNA\_F  
 ClientSampleId :

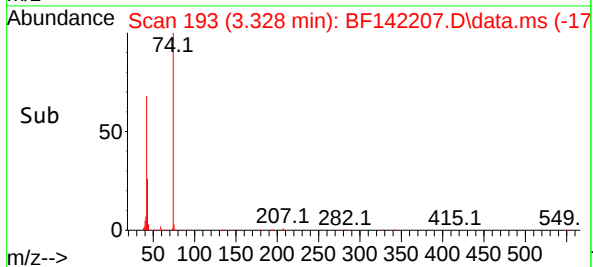
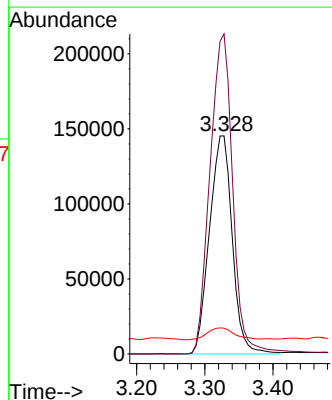
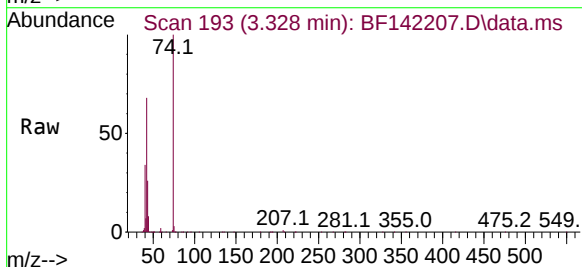


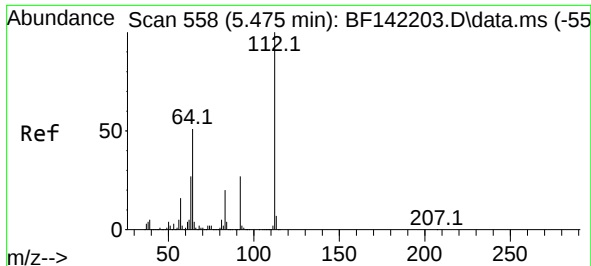
Tgt Ion: 79 Resp: 819004  
 Ion Ratio Lower Upper  
 79 100  
 52 56.8 45.8 68.8  
 51 30.2 23.8 35.6



#4  
 n-Nitrosodimethylamine  
 Concen: 38.408 ng  
 RT: 3.328 min Scan# 193  
 Delta R.T. -0.012 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12

Tgt Ion: 42 Resp: 338244  
 Ion Ratio Lower Upper  
 42 100  
 74 146.7 117.4 176.0  
 44 11.8 9.5 14.3

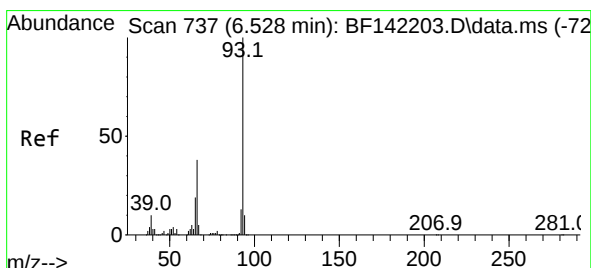
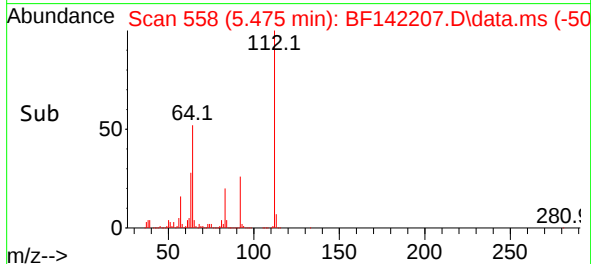
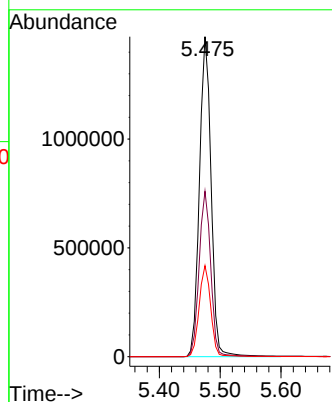
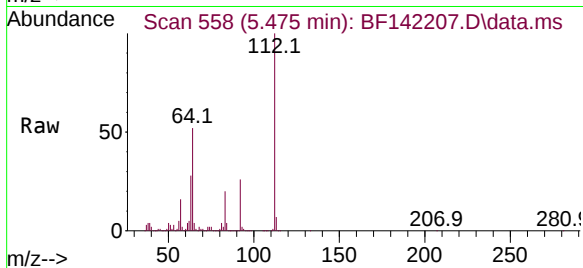




#5  
2-Fluorophenol  
Concen: 79.451 ng  
RT: 5.475 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

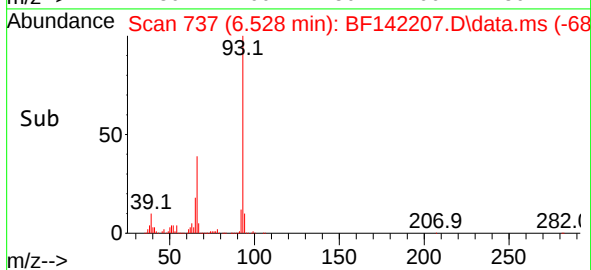
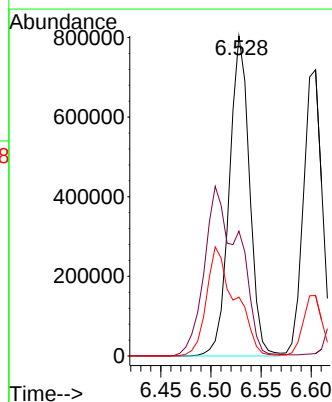
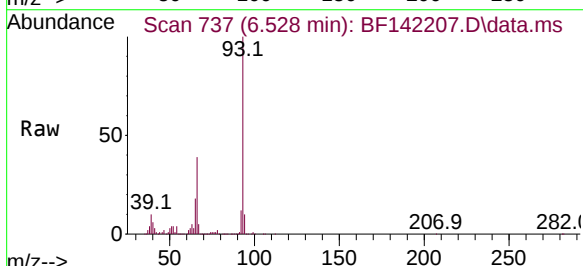
Instrument :  
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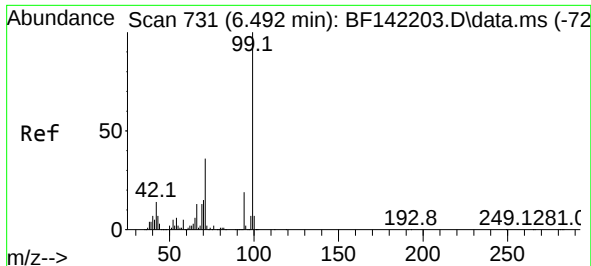
Tgt Ion:112 Resp: 1955894  
Ion Ratio Lower Upper  
112 100  
64 51.7 40.9 61.3  
63 28.5 22.0 33.0



#6  
Aniline  
Concen: 39.617 ng  
RT: 6.528 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

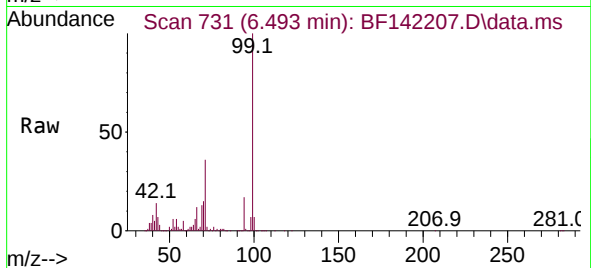
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Ion Ratio Lower Upper  
93 100  
66 39.0 30.9 46.3  
65 18.4 15.1 22.7



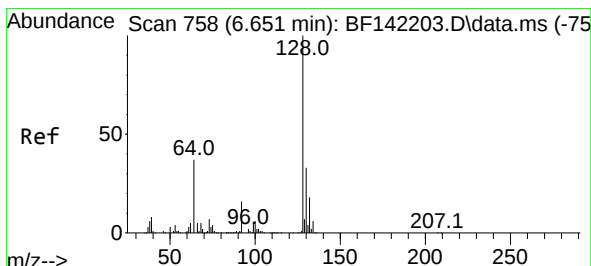
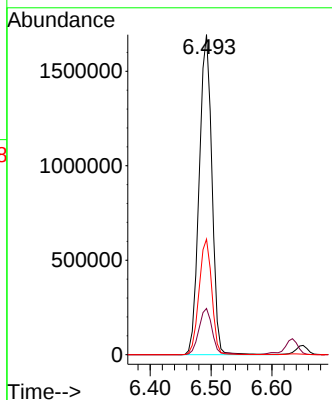
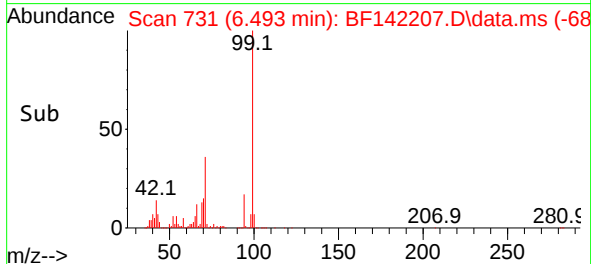


#7  
Phenol-d6  
Concen: 79.298 ng  
RT: 6.493 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

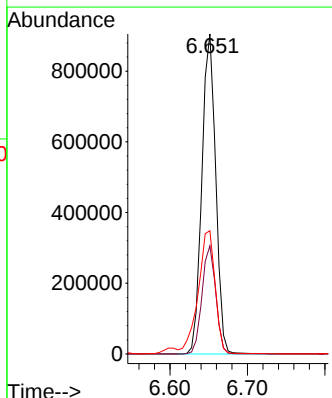
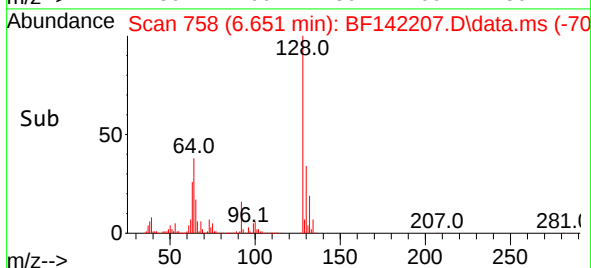
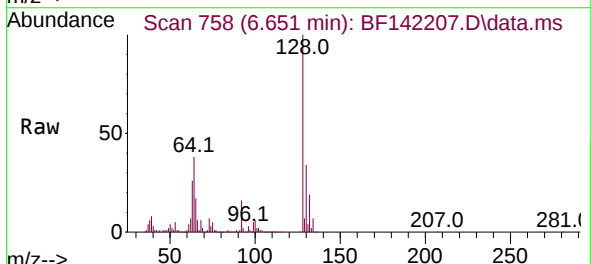


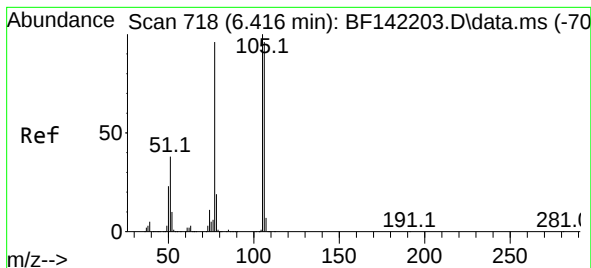
Tgt Ion: 99 Resp: 2444776  
Ion Ratio Lower Upper  
99 100  
42 14.5 11.5 17.3  
71 36.1 28.6 42.8



#8  
2-Chlorophenol  
Concen: 39.905 ng  
RT: 6.651 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:128 Resp: 1124478  
Ion Ratio Lower Upper  
128 100  
130 33.8 13.0 53.0  
64 38.5 18.8 58.8





#9

Benzaldehyde

Concen: 40.487 ng

RT: 6.416 min Scan# 718

Delta R.T. 0.000 min

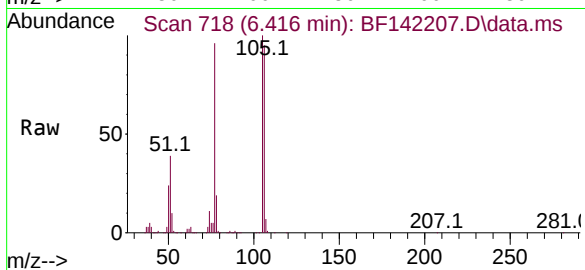
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Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



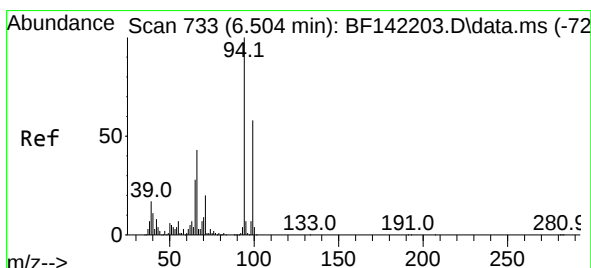
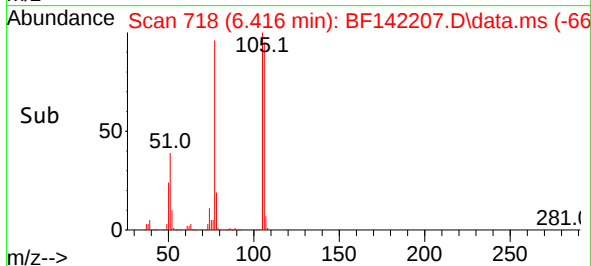
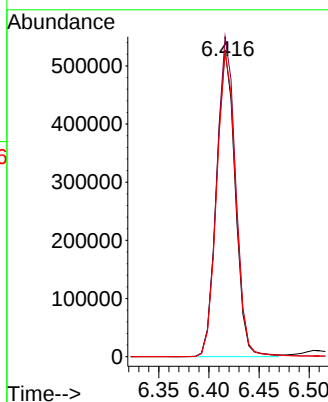
Tgt Ion: 77 Resp: 685303

Ion Ratio Lower Upper

77 100

105 104.4 84.4 124.4

106 99.5 80.3 120.3



#10

Phenol

Concen: 39.672 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

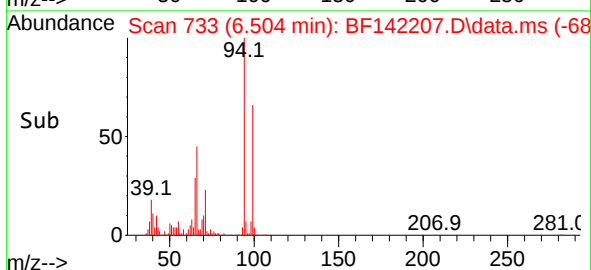
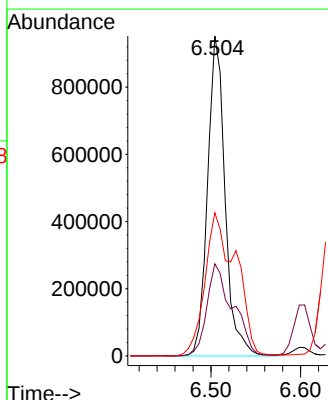
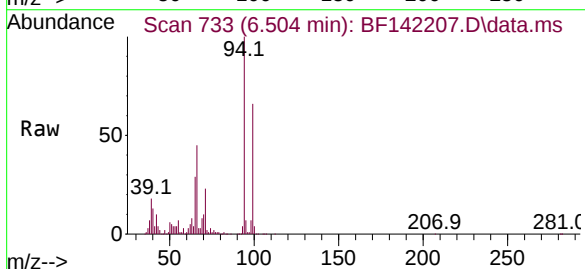
Tgt Ion: 94 Resp: 1290053

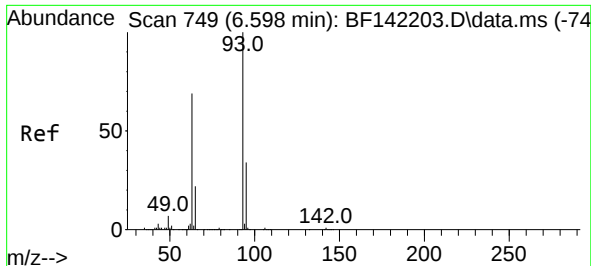
Ion Ratio Lower Upper

94 100

65 28.8 8.1 48.1

66 44.7 22.7 62.7

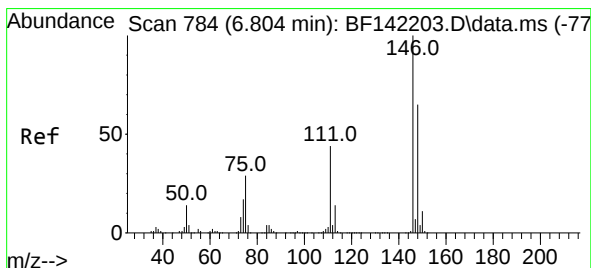
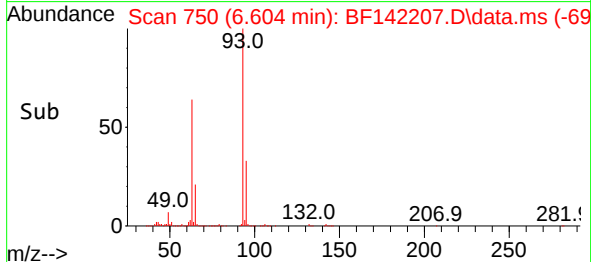
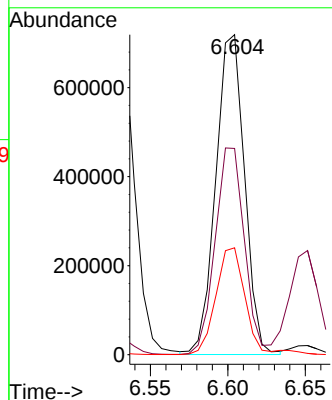
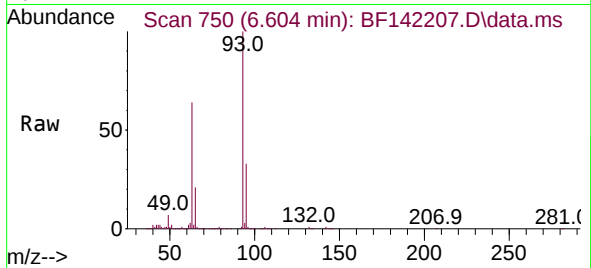




#11  
bis(2-Chloroethyl)ether  
Concen: 37.893 ng  
RT: 6.604 min Scan# 749  
Delta R.T. 0.006 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

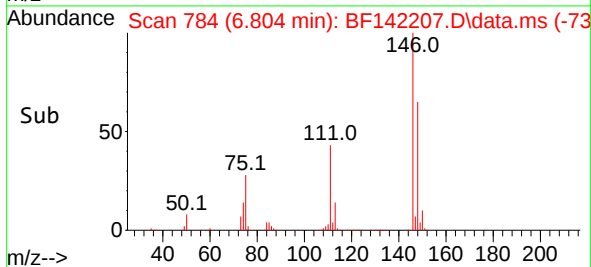
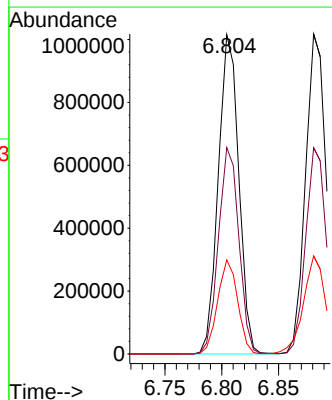
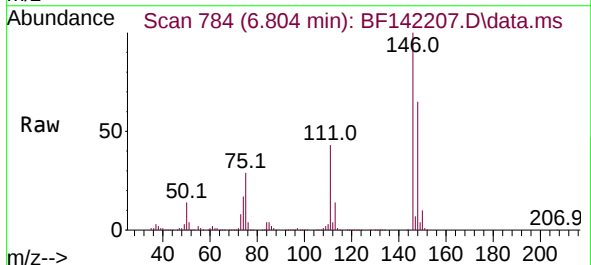
Instrument :  
BNA\_F  
ClientSampleId :

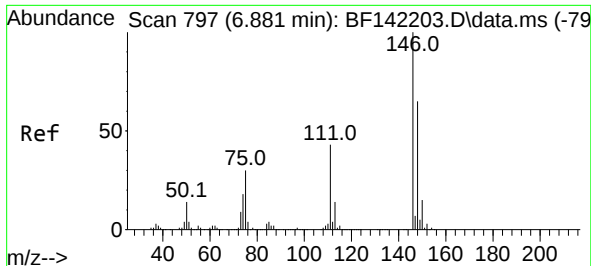
Tgt Ion: 93 Resp: 929239  
Ion Ratio Lower Upper  
93 100  
63 64.5 47.9 87.9  
95 33.4 13.7 53.7



#12  
1,3-Dichlorobenzene  
Concen: 39.884 ng  
RT: 6.804 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:146 Resp: 1273566  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.7 77.5  
75 29.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 39.074 ng

RT: 6.881 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

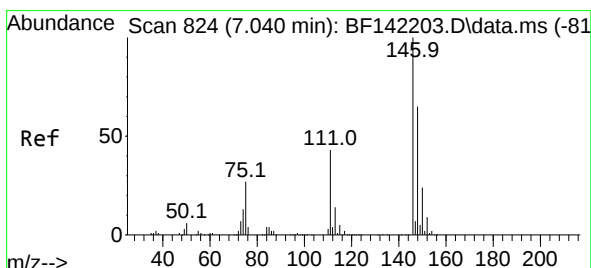
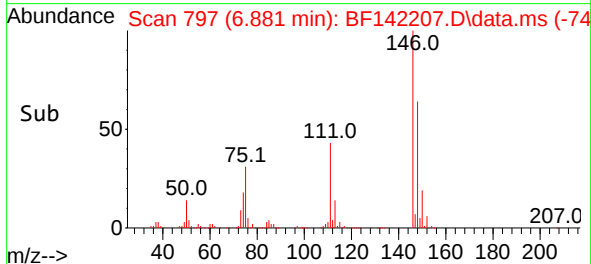
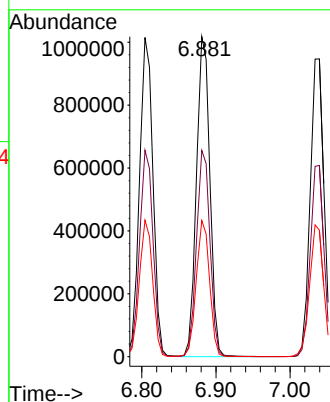
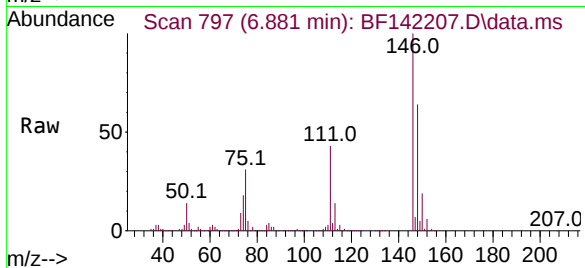
Tgt Ion:146 Resp: 1279692

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

111 42.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 39.736 ng

RT: 7.040 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

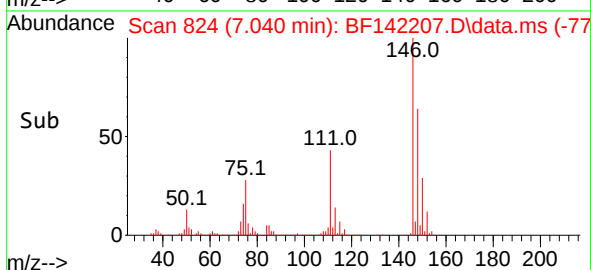
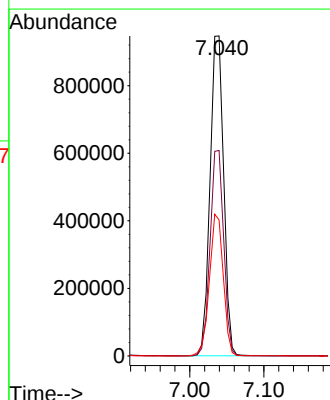
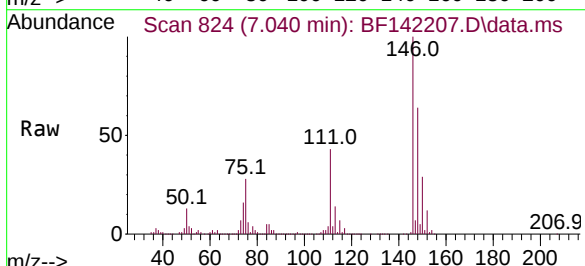
Tgt Ion:146 Resp: 1210661

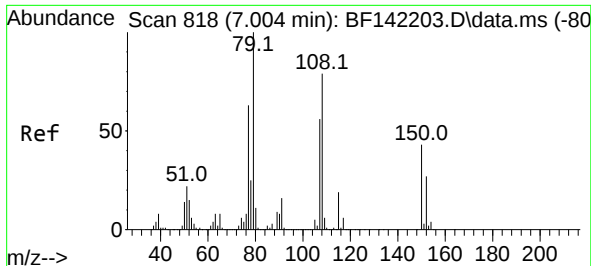
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

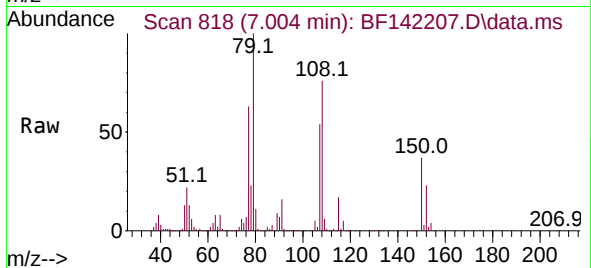
111 42.5 34.2 51.4



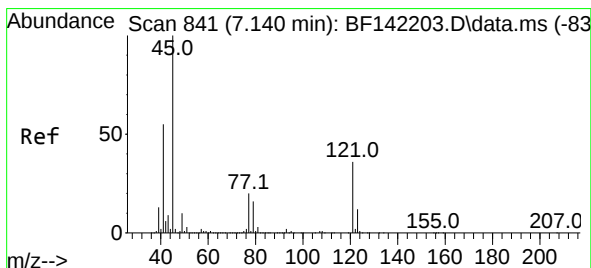
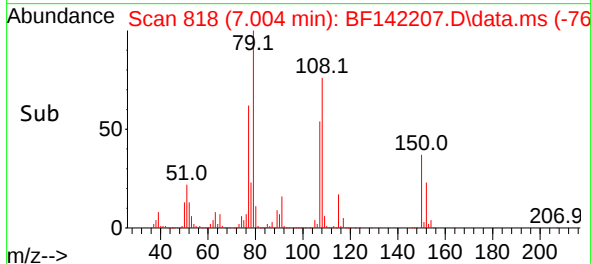
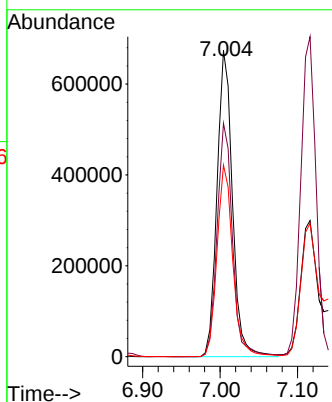


#15  
Benzyl Alcohol  
Concen: 41.444 ng  
RT: 7.004 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

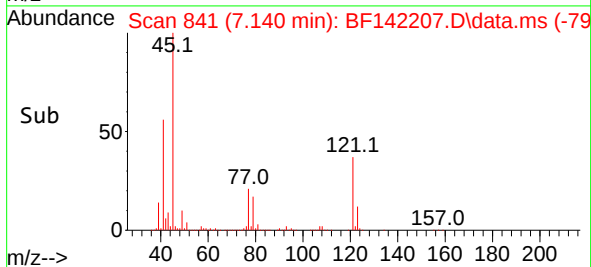
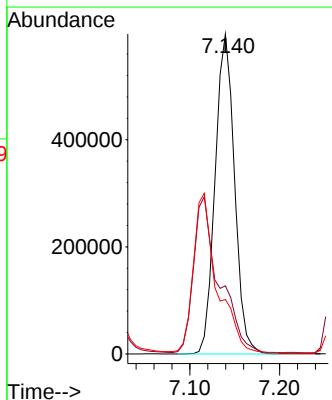
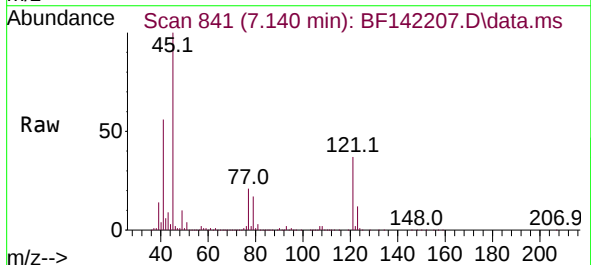


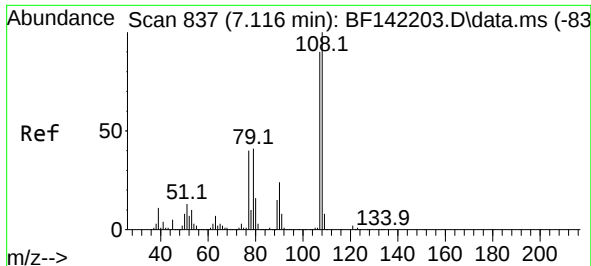
Tgt Ion: 79 Resp: 931634  
Ion Ratio Lower Upper  
79 100  
108 76.2 63.1 94.7  
77 62.5 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.695 ng  
RT: 7.140 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

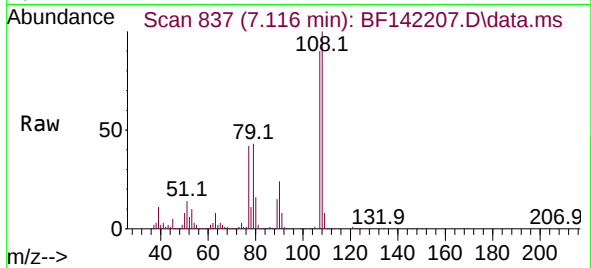
Tgt Ion: 45 Resp: 895979  
Ion Ratio Lower Upper  
45 100  
77 21.3 1.4 41.4  
79 17.0 0.0 36.7



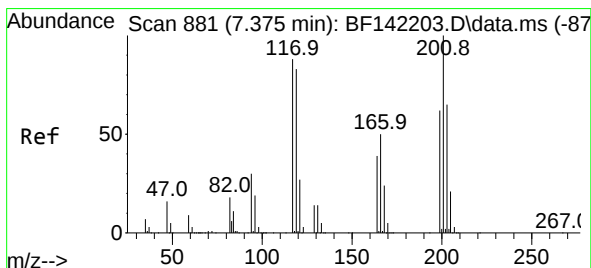
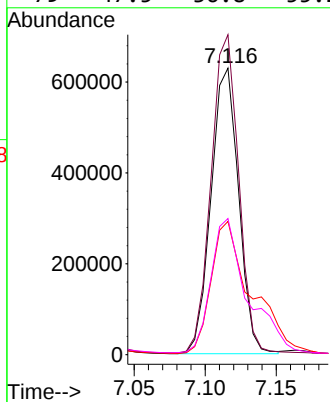
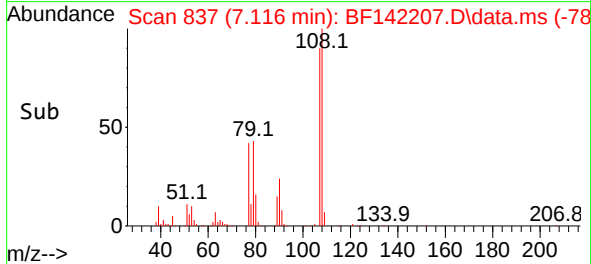


#17  
2-Methylphenol  
Concen: 40.076 ng  
RT: 7.116 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

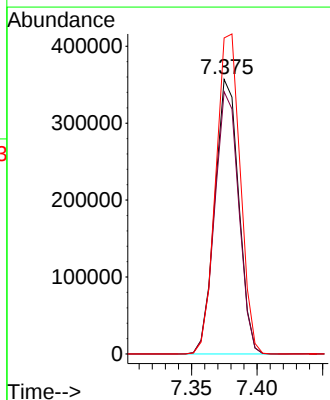
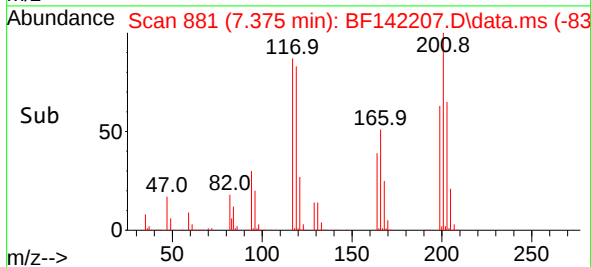
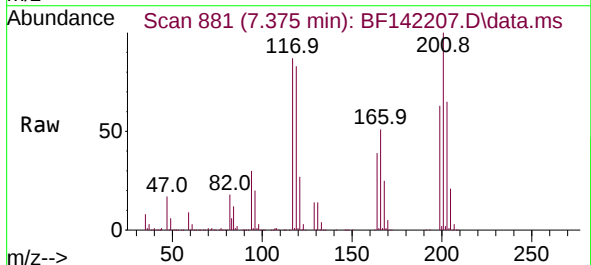


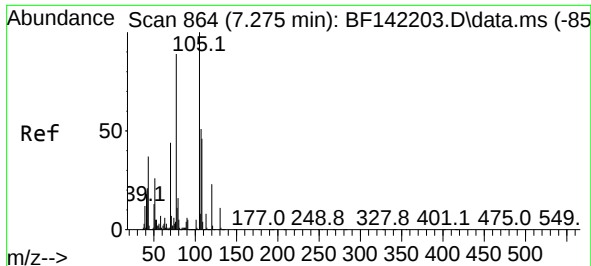
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 849930 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.7 | 89.4  | 134.2  |
| 77       | 46.5  | 36.3  | 54.5   |
| 79       | 47.5  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 40.609 ng  
RT: 7.375 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 451803 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.5  | 75.8  | 113.8  |
| 201      | 115.1 | 91.4  | 137.0  |

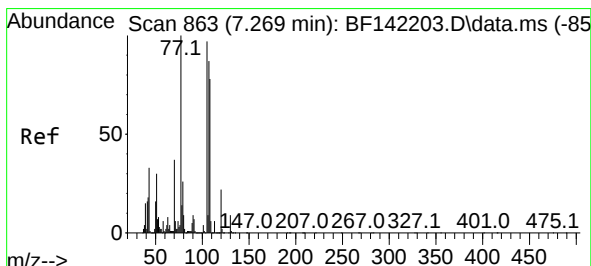
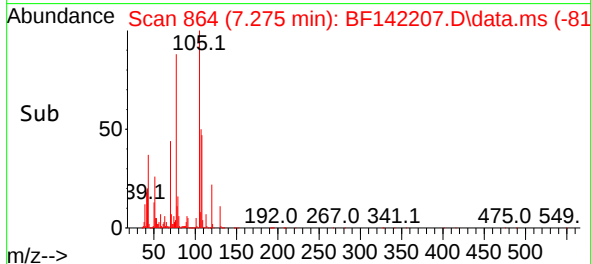
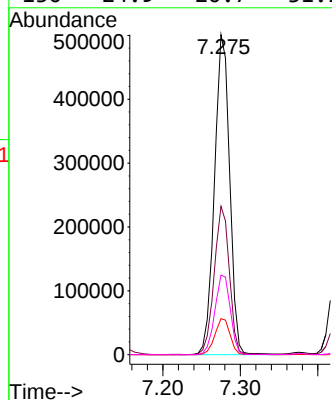
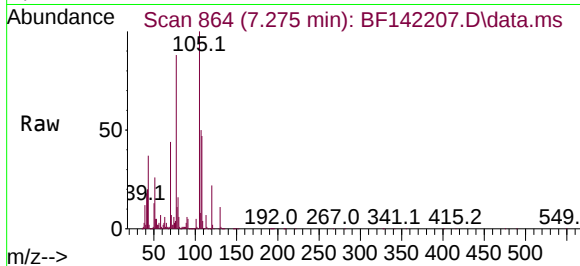




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.129 ng  
RT: 7.275 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

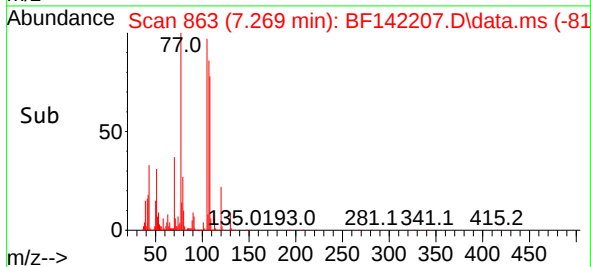
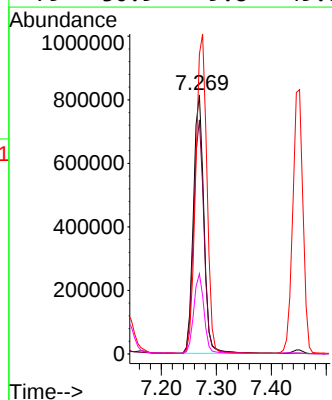
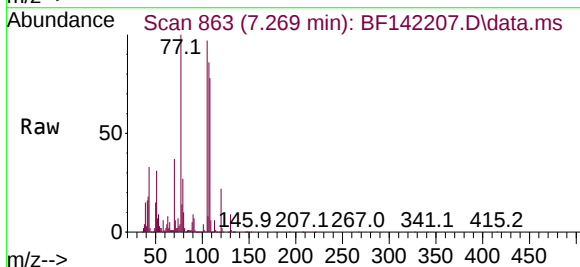
Instrument :  
BNA\_F  
ClientSampleId :

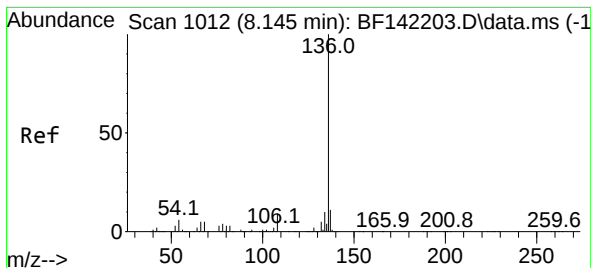
Tgt Ion: 70 Resp: 682166  
Ion Ratio Lower Upper  
70 100  
42 46.3 37.4 56.0  
101 11.3 8.6 13.0  
130 24.9 20.7 31.1



#20  
3+4-Methylphenols  
Concen: 40.753 ng  
RT: 7.269 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion: 107 Resp: 1074921  
Ion Ratio Lower Upper  
107 100  
108 90.4 69.8 109.8  
77 115.8 94.5 134.5  
79 30.9 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. 0.000 min

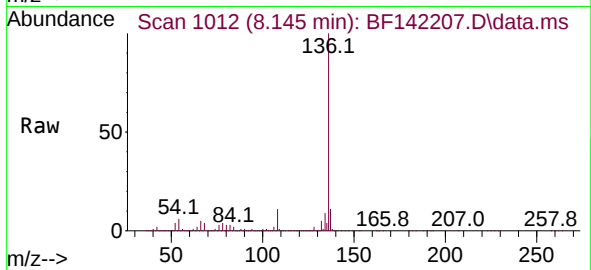
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:136 Resp: 1719122

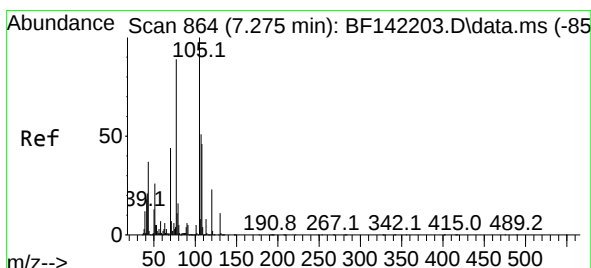
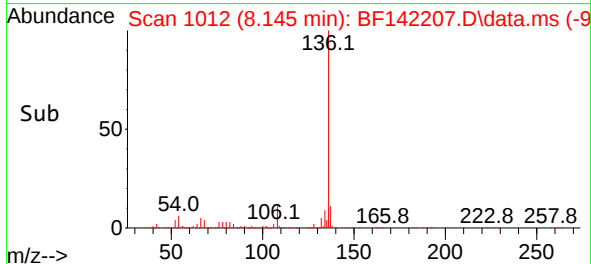
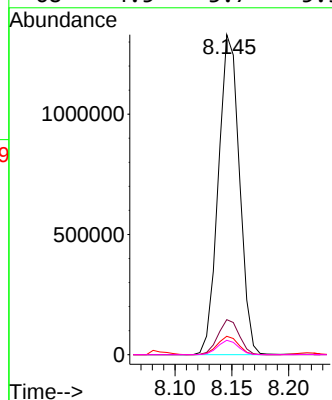
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.8 4.7 7.1

68 4.5 3.7 5.5



#22

Acetophenone

Concen: 39.487 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:105 Resp: 1490022

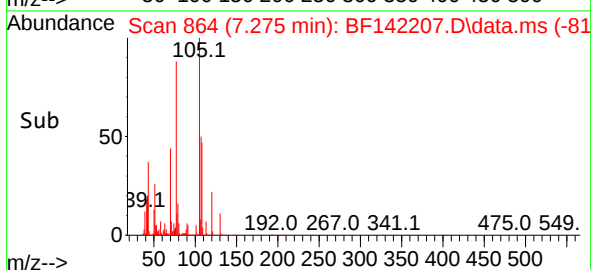
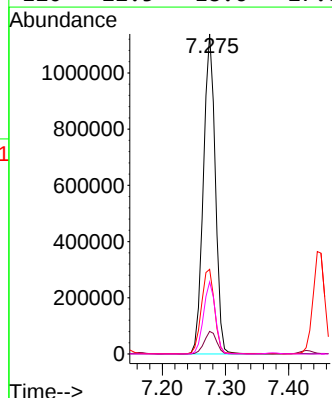
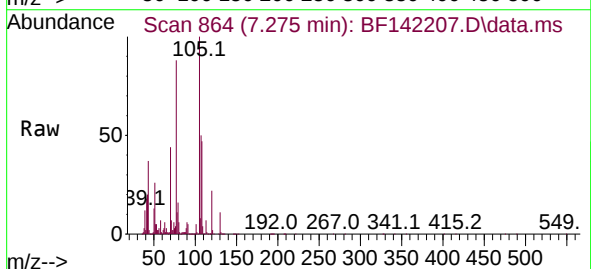
Ion Ratio Lower Upper

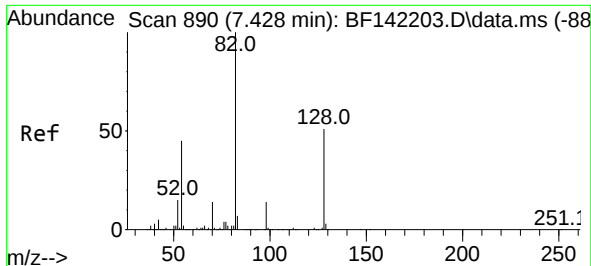
105 100

71 7.0 5.8 8.8

51 26.5 20.9 31.3

120 22.5 18.6 27.8





#23

Nitrobenzene-d5

Concen: 79.578 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

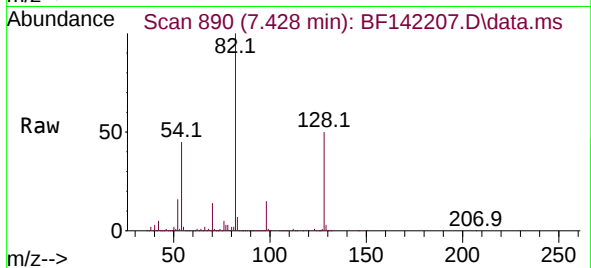
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



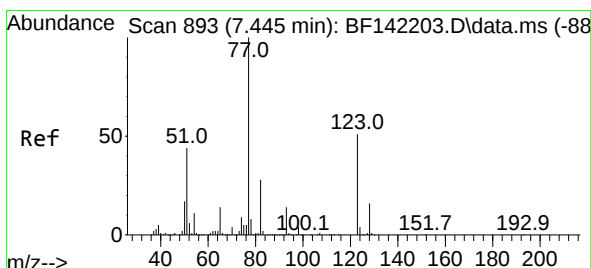
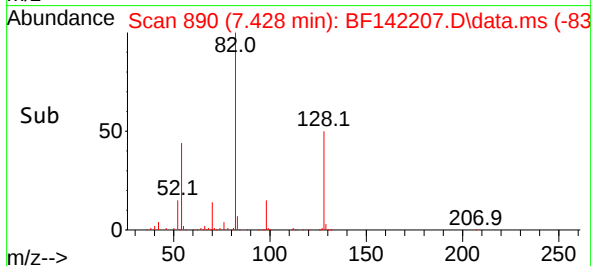
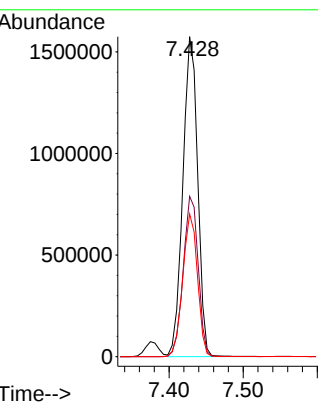
Tgt Ion: 82 Resp: 2178335

Ion Ratio Lower Upper

82 100

128 50.1 40.2 60.2

54 44.6 35.5 53.3



#24

Nitrobenzene

Concen: 39.630 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

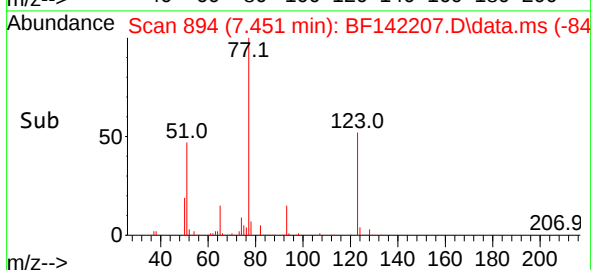
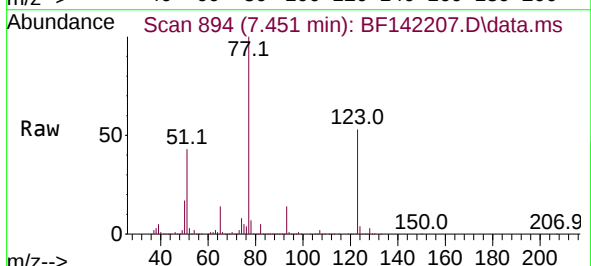
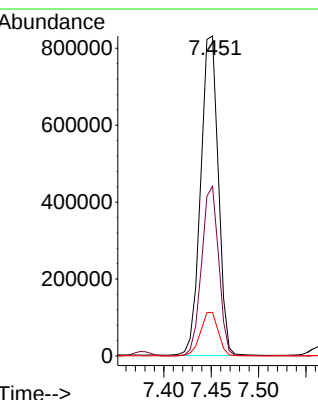
Tgt Ion: 77 Resp: 1074704

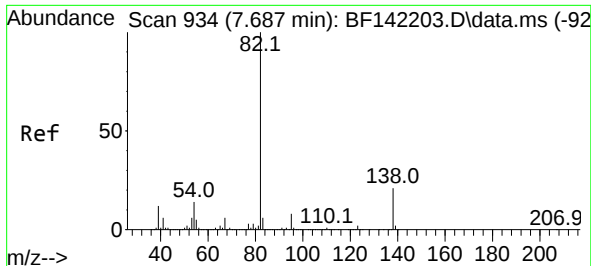
Ion Ratio Lower Upper

77 100

123 53.1 40.7 61.1

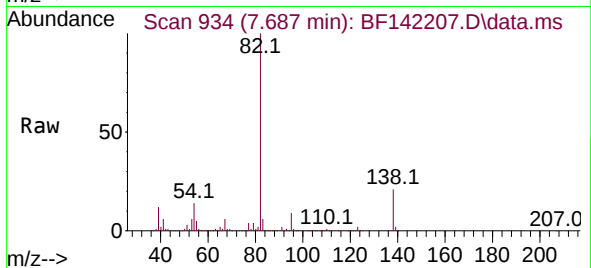
65 13.6 10.9 16.3



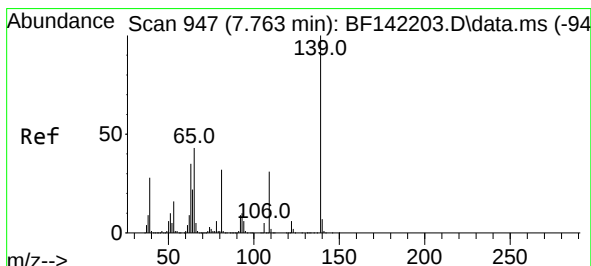
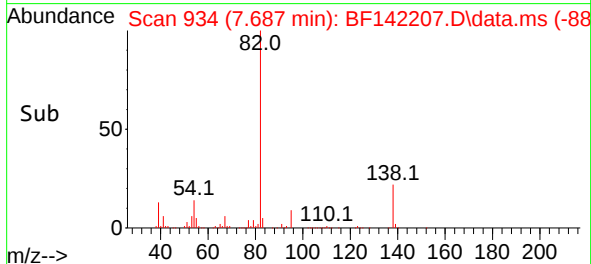
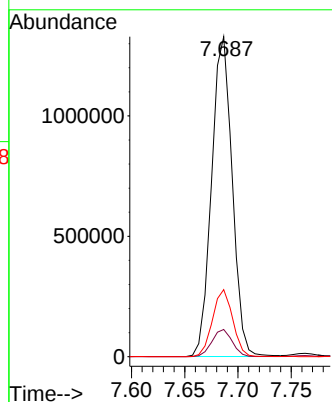


#25  
Isophorone  
Concen: 38.998 ng  
RT: 7.687 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

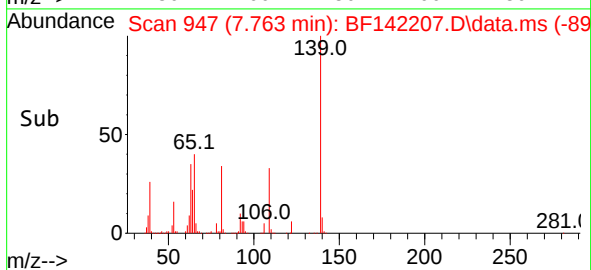
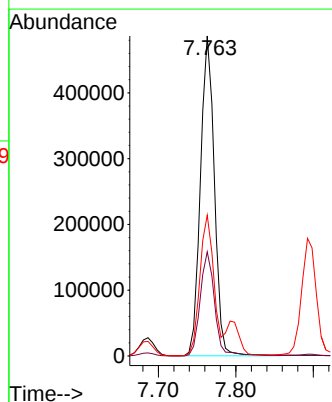
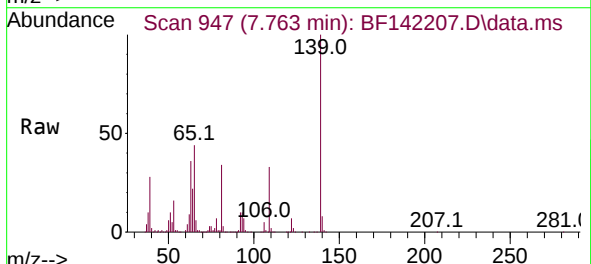


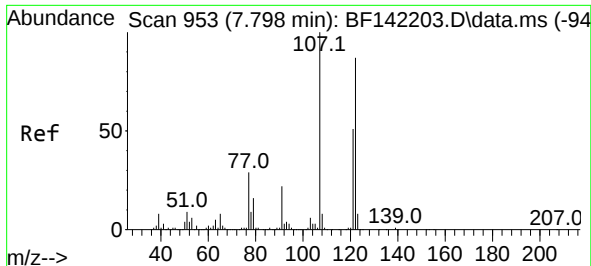
Tgt Ion: 82 Resp: 1791918  
Ion Ratio Lower Upper  
82 100  
95 8.5 6.5 9.7  
138 21.0 16.9 25.3



#26  
2-Nitrophenol  
Concen: 42.652 ng  
RT: 7.763 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:139 Resp: 607994  
Ion Ratio Lower Upper  
139 100  
109 32.5 24.4 36.6  
65 44.0 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 40.209 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.000 min

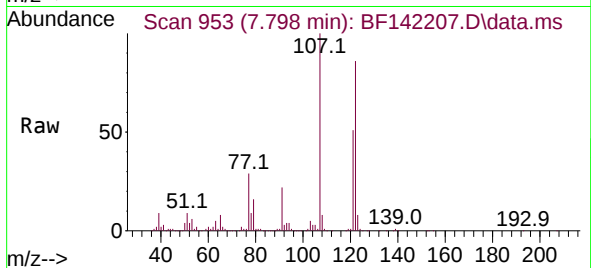
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



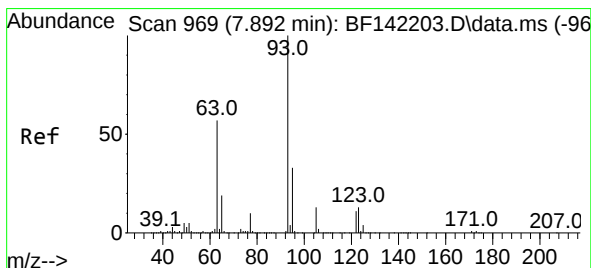
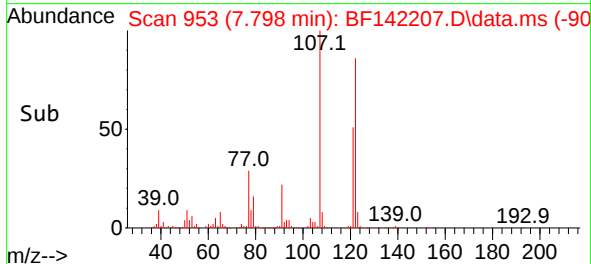
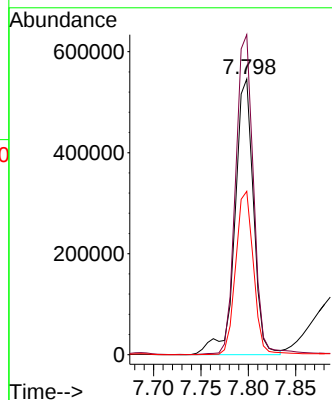
Tgt Ion:122 Resp: 745277

Ion Ratio Lower Upper

122 100

107 116.1 91.6 137.4

121 59.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.380 ng

RT: 7.892 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

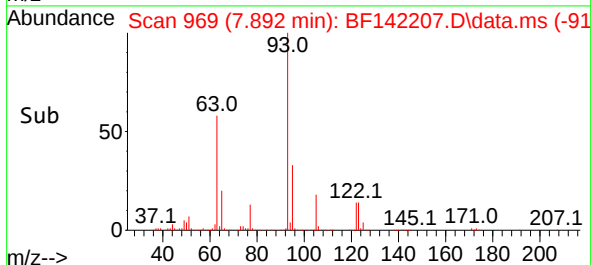
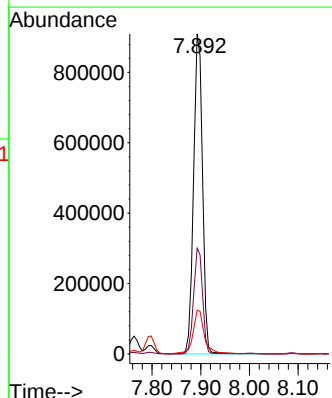
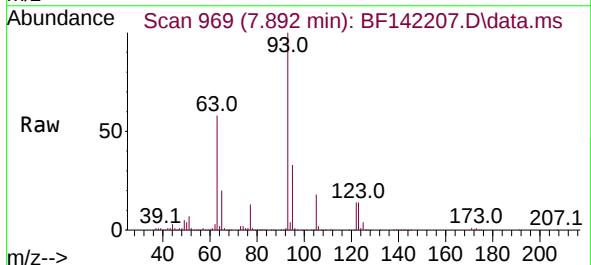
Tgt Ion: 93 Resp: 1157428

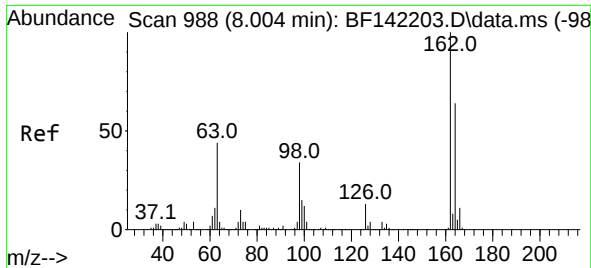
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 13.6 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 40.013 ng

RT: 8.004 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

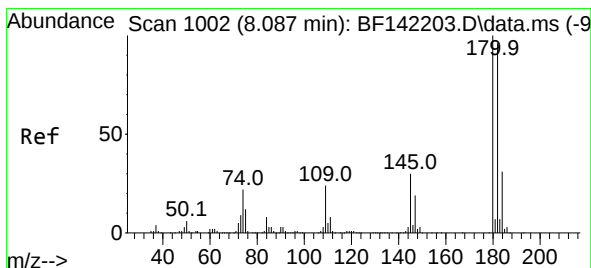
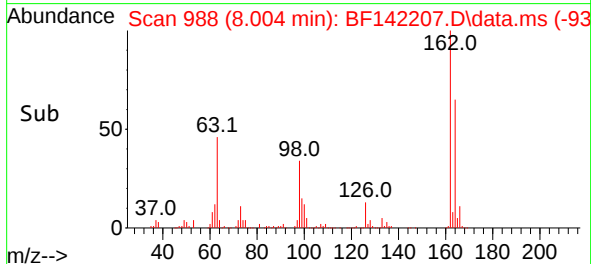
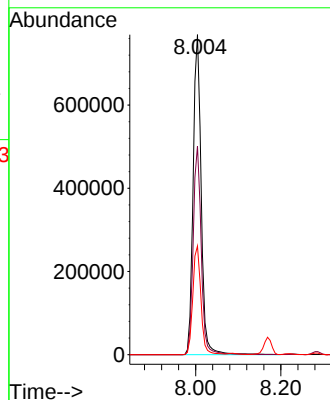
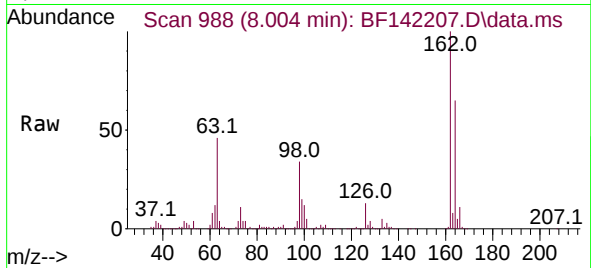
Tgt Ion:162 Resp: 1008665

Ion Ratio Lower Upper

162 100

164 65.2 44.2 84.2

98 34.0 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 39.295 ng

RT: 8.087 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

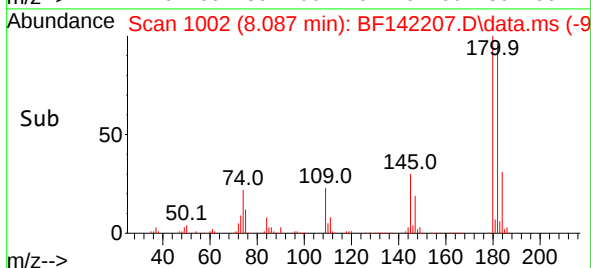
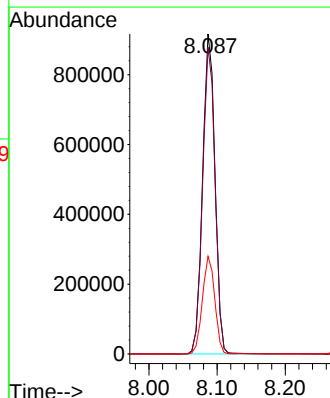
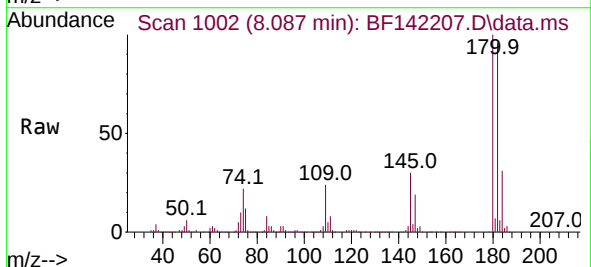
Tgt Ion:180 Resp: 1158390

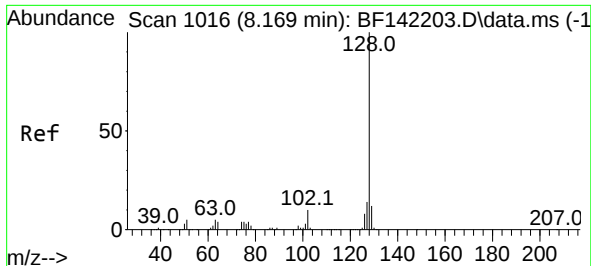
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

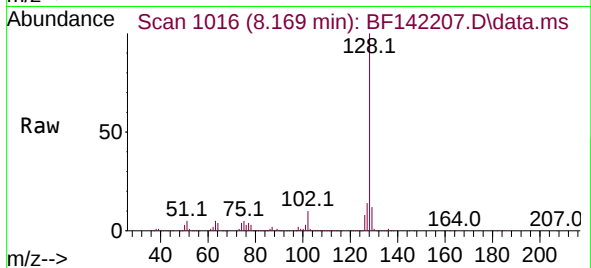
145 30.5 24.3 36.5



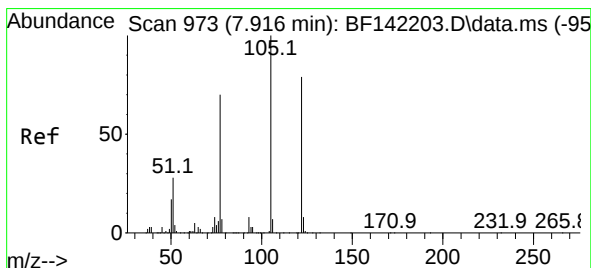
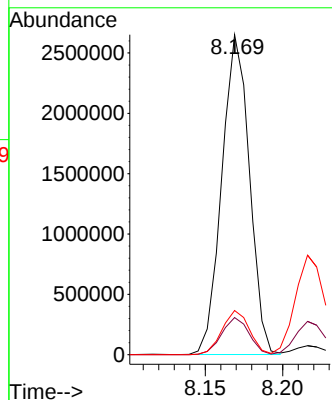
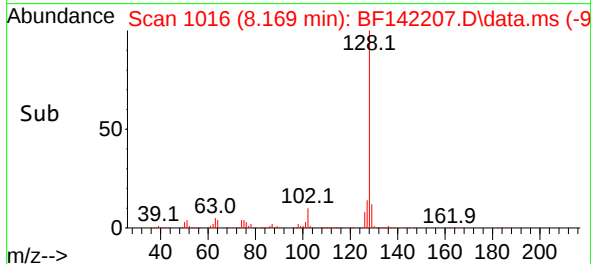


#31  
Naphthalene  
Concen: 40.444 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

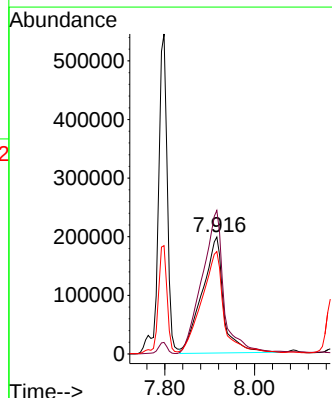
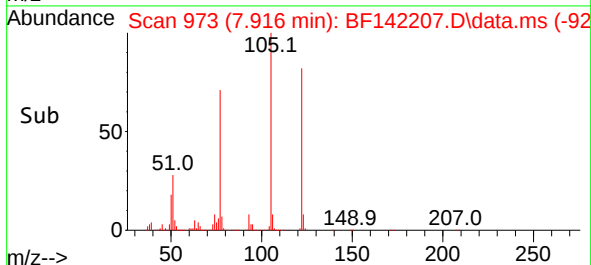
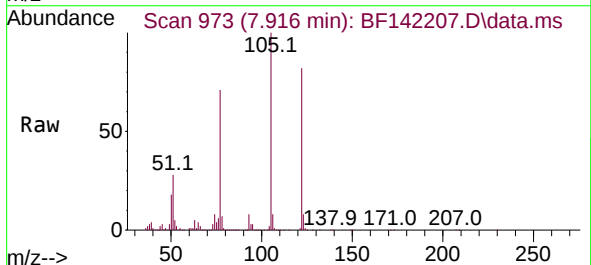


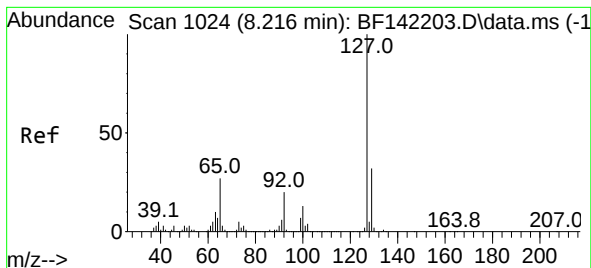
Tgt Ion:128 Resp: 3284422  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.6 14.4  
127 13.8 11.4 17.0



#32  
Benzoic acid  
Concen: 39.705 ng  
RT: 7.916 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:122 Resp: 656470  
Ion Ratio Lower Upper  
122 100  
105 122.6 101.5 141.5  
77 87.5 66.6 106.6





#33

4-Chloroaniline

Concen: 38.724 ng

RT: 8.216 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 1138684

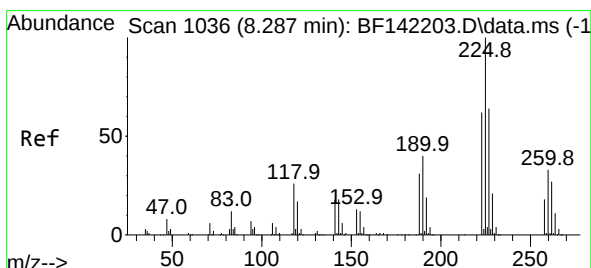
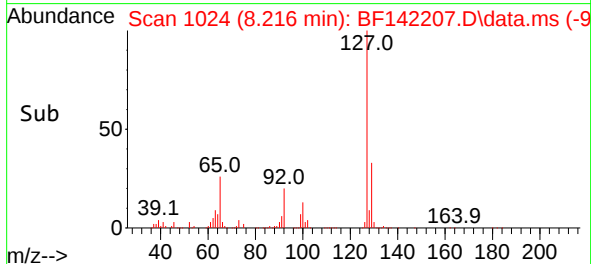
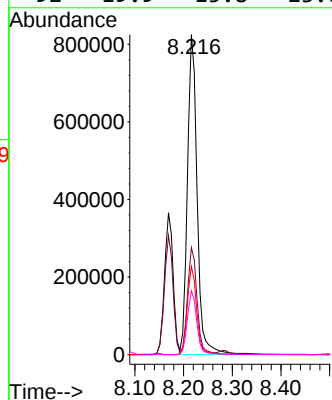
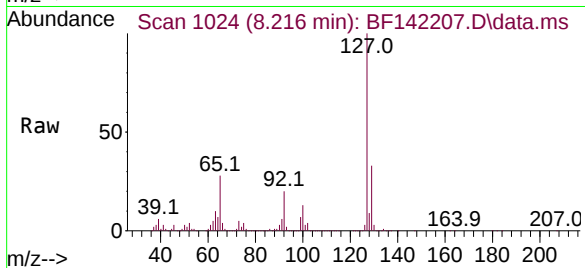
Ion Ratio Lower Upper

127 100

129 33.5 25.9 38.9

65 27.5 21.8 32.6

92 19.9 15.8 23.6



#34

Hexachlorobutadiene

Concen: 40.353 ng

RT: 8.287 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

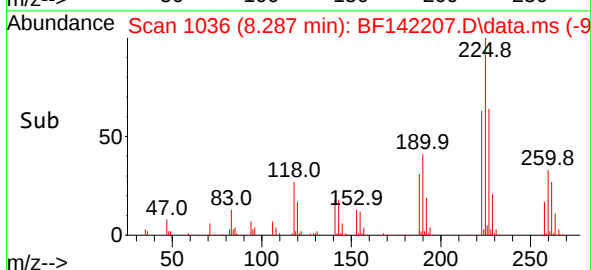
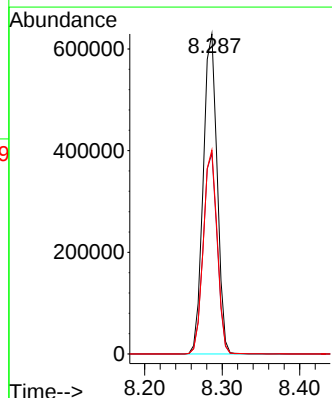
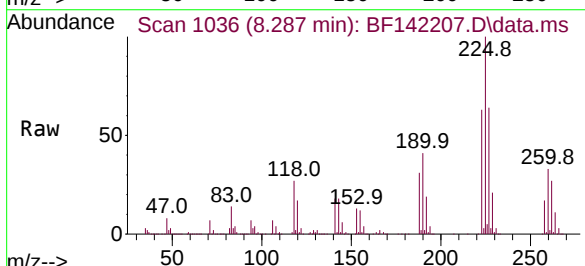
Tgt Ion:225 Resp: 785037

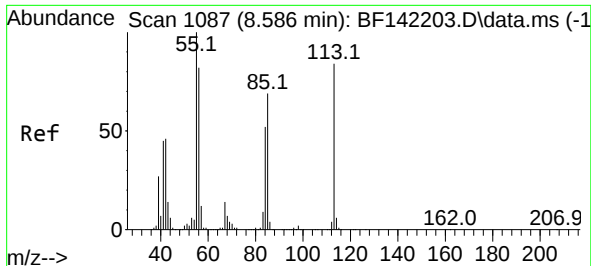
Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.2

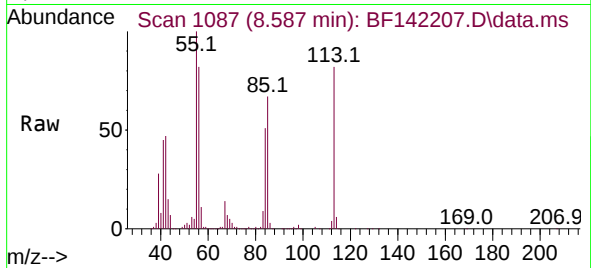
227 63.7 51.4 77.2



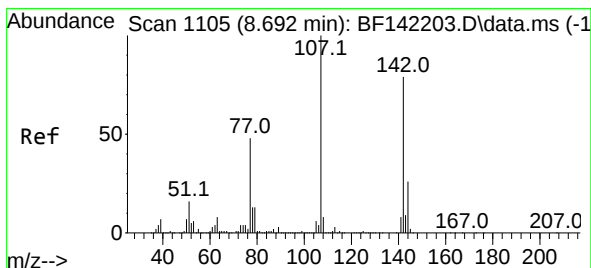
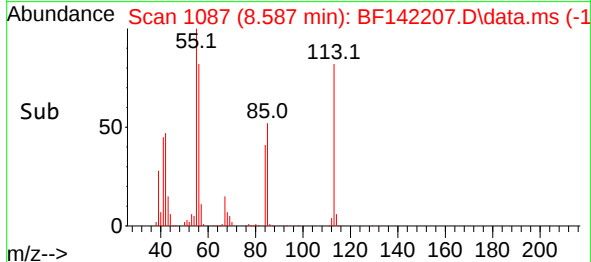
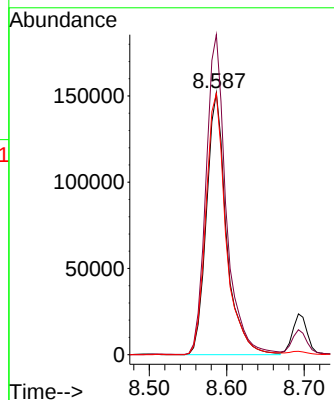


#35  
 Caprolactam  
 Concen: 40.363 ng  
 RT: 8.587 min Scan# 1087  
 Delta R.T. 0.000 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12

Instrument :  
 BNA\_F  
 ClientSampleId :

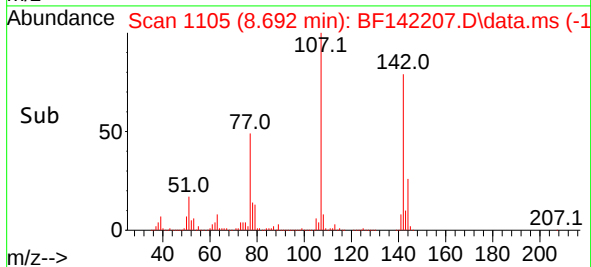
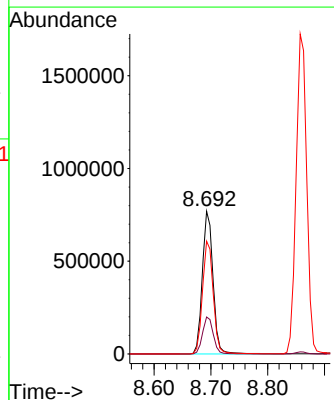
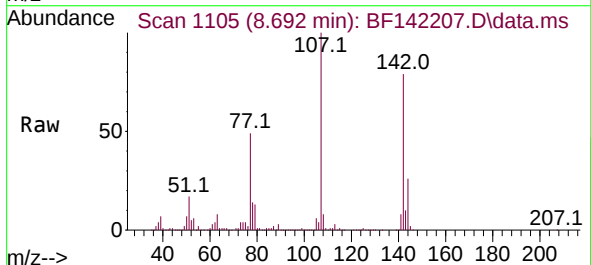


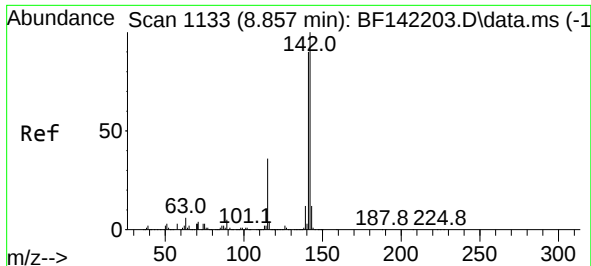
Tgt Ion:113 Resp: 271427  
 Ion Ratio Lower Upper  
 113 100  
 55 122.2 99.5 139.5  
 56 99.7 78.1 118.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.772 ng  
 RT: 8.692 min Scan# 1105  
 Delta R.T. 0.000 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12

Tgt Ion:107 Resp: 1009244  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 20.6 30.8  
 142 79.1 63.2 94.8

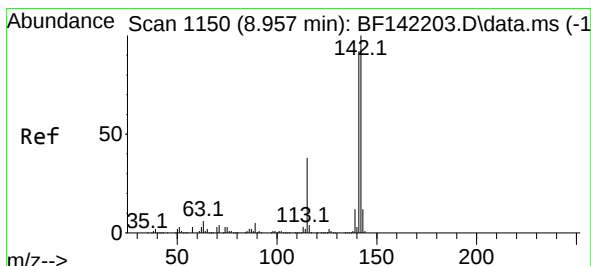
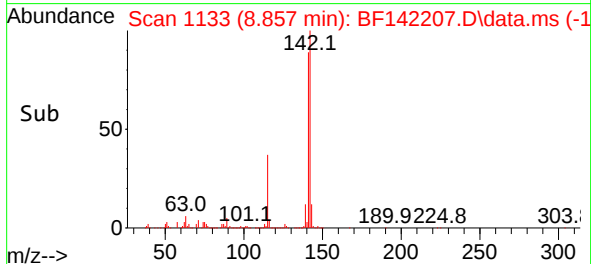
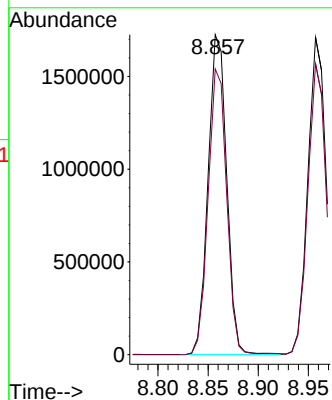
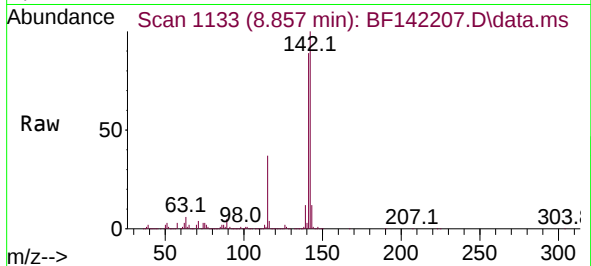




#37  
2-Methylnaphthalene  
Concen: 39.574 ng  
RT: 8.857 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

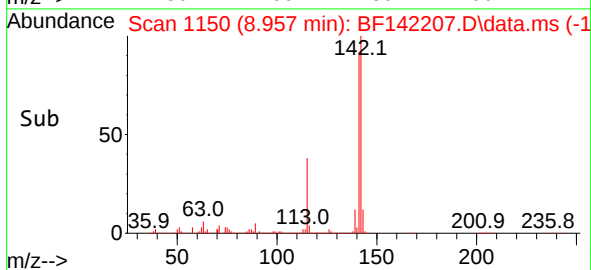
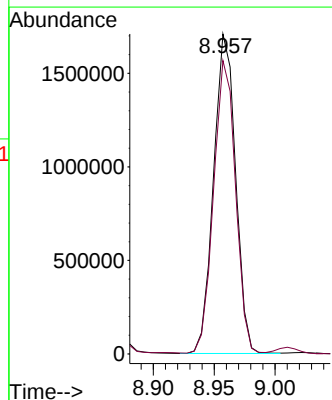
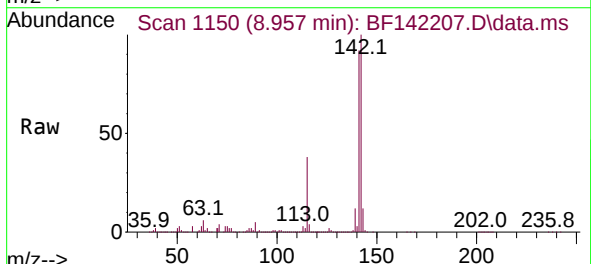
Instrument :  
BNA\_F  
ClientSampleId :

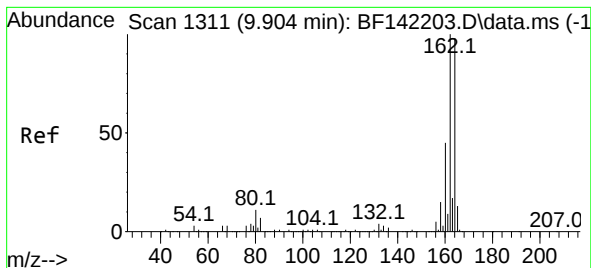
Tgt Ion:142 Resp: 2221072  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.9 107.9



#38  
1-Methylnaphthalene  
Concen: 39.468 ng  
RT: 8.957 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:142 Resp: 2144714  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.000 min

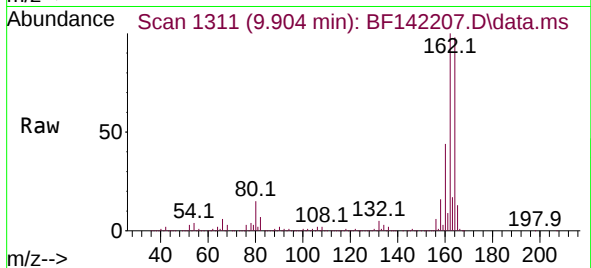
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



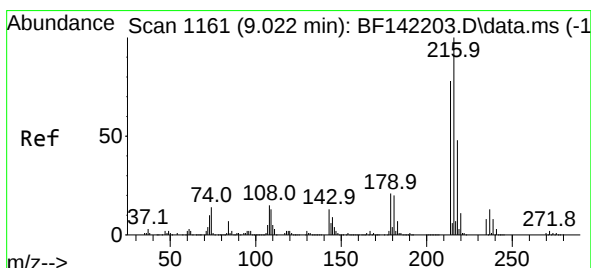
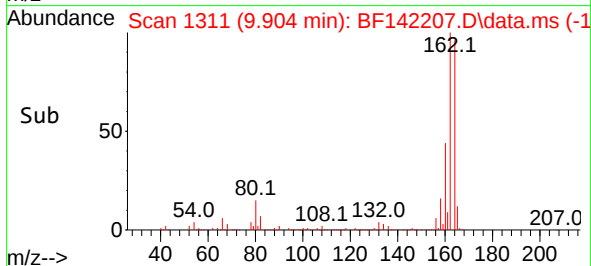
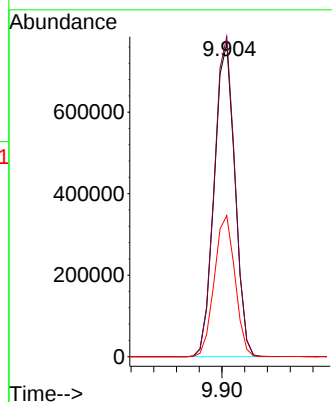
Tgt Ion:164 Resp: 967738

Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

160 45.1 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.551 ng

RT: 9.022 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:216 Resp: 1252340

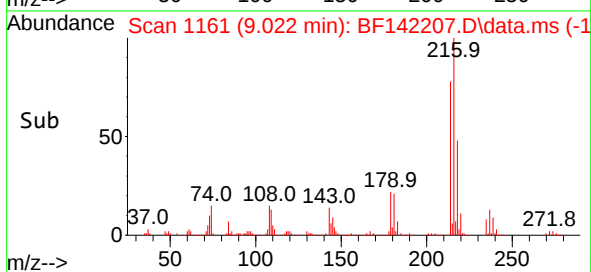
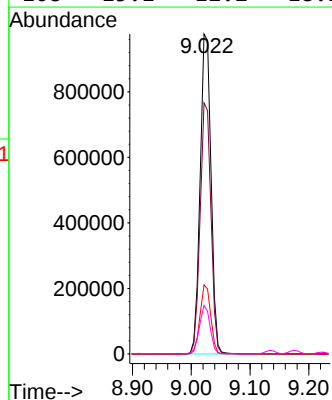
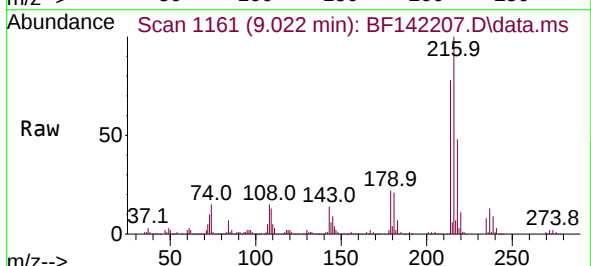
Ion Ratio Lower Upper

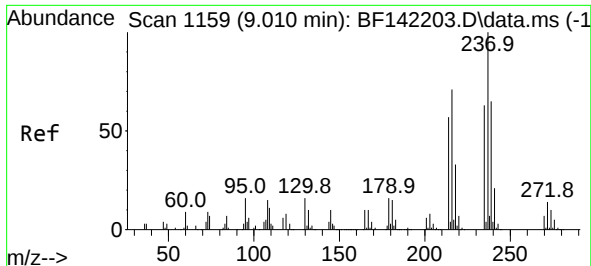
216 100

214 78.3 62.7 94.1

179 21.2 16.7 25.1

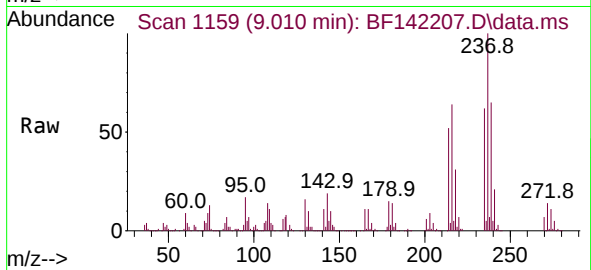
108 15.1 12.2 18.2



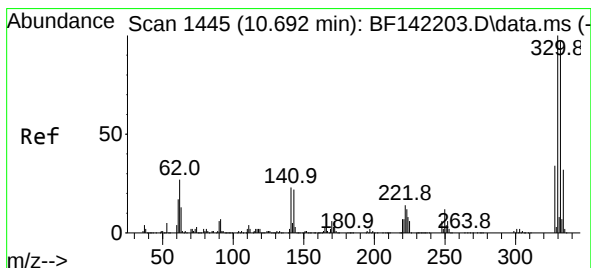
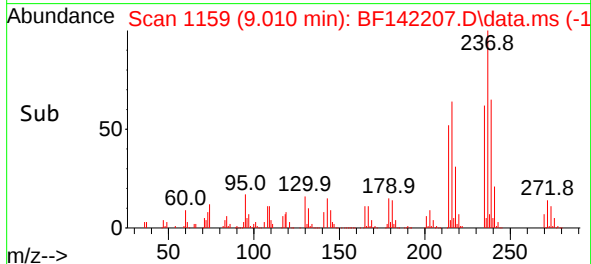
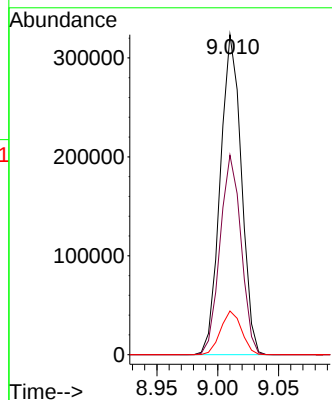


#41  
Hexachlorocyclopentadiene  
Concen: 40.180 ng  
RT: 9.010 min Scan# 1159  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

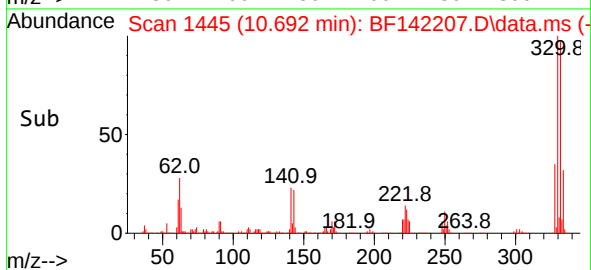
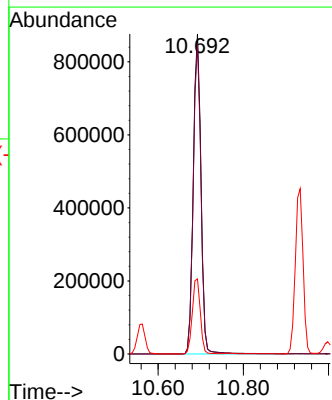
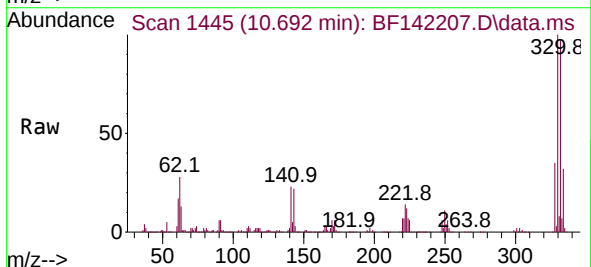


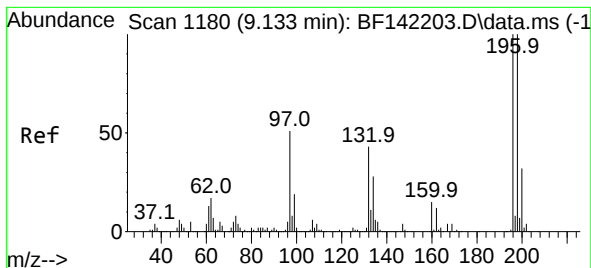
Tgt Ion:237 Resp: 390131  
Ion Ratio Lower Upper  
237 100  
235 62.4 42.6 82.6  
272 13.6 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 83.314 ng  
RT: 10.692 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:330 Resp: 1102365  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.1 115.7  
141 24.5 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 41.650 ng

RT: 9.134 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

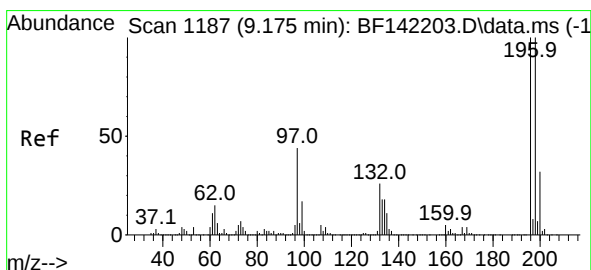
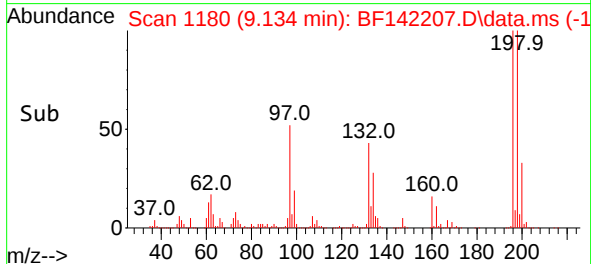
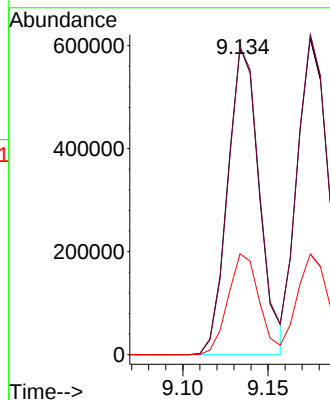
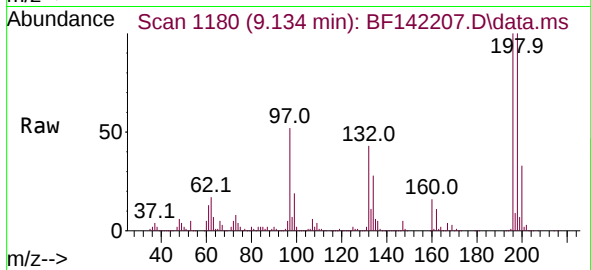
Tgt Ion:196 Resp: 769958

Ion Ratio Lower Upper

196 100

198 99.8 80.0 120.0

200 32.7 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 40.600 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:196 Resp: 804500

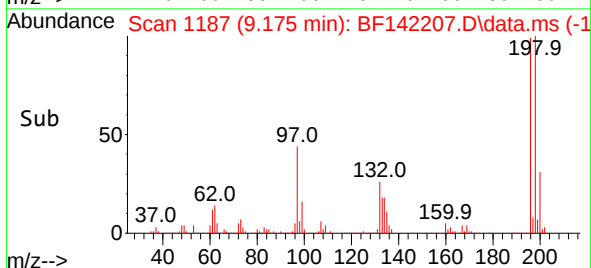
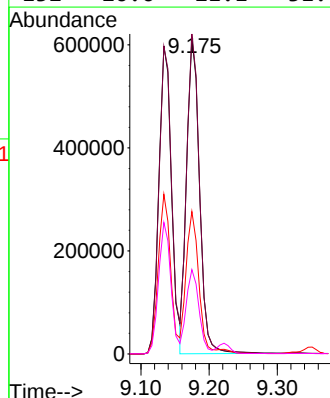
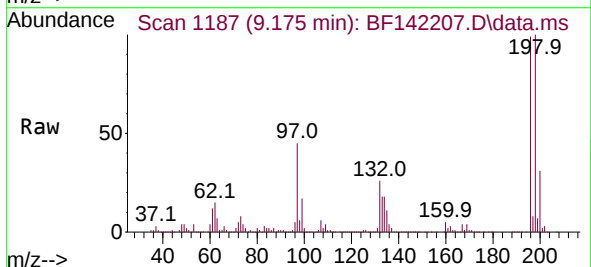
Ion Ratio Lower Upper

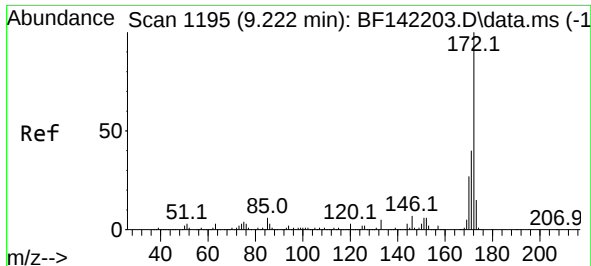
196 100

198 101.1 80.0 120.0

97 45.0 35.9 53.9

132 26.6 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 78.171 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

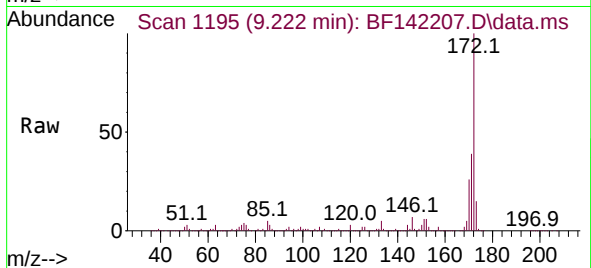
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



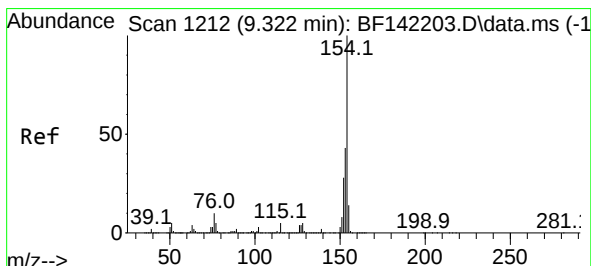
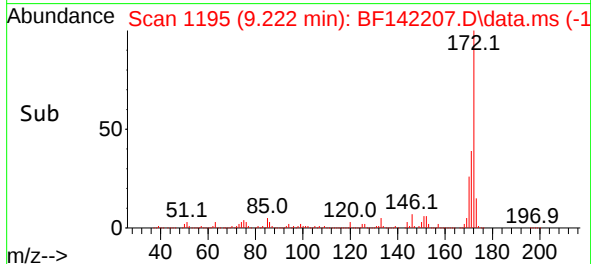
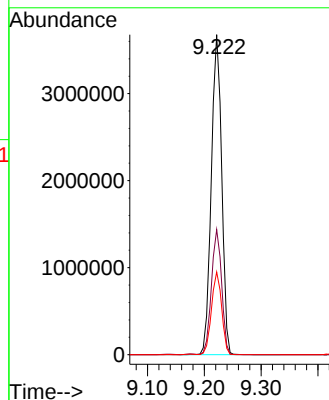
Tgt Ion:172 Resp: 4641250

Ion Ratio Lower Upper

172 100

171 39.1 32.1 48.1

170 25.8 21.4 32.0



#46

1,1'-Biphenyl

Concen: 40.174 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

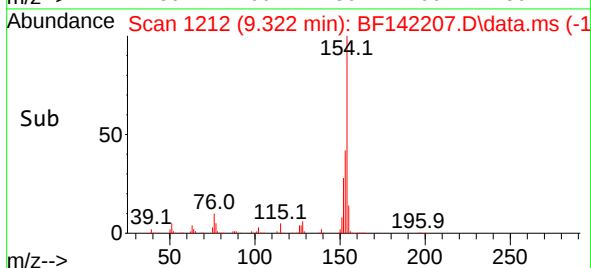
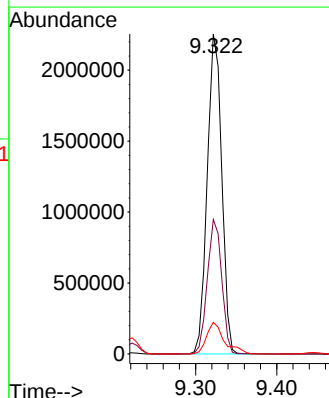
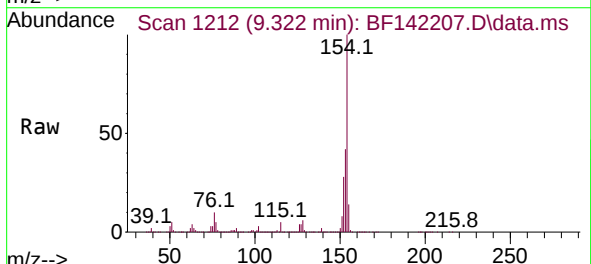
Tgt Ion:154 Resp: 2787856

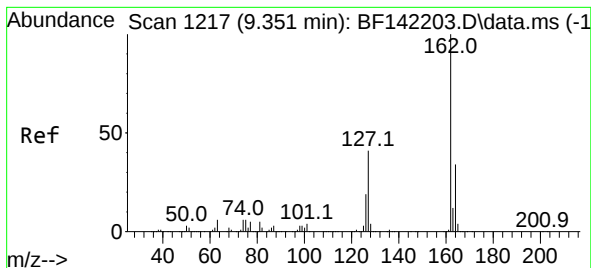
Ion Ratio Lower Upper

154 100

153 42.0 22.5 62.5

76 9.9 0.0 30.4





#47

2-Chloronaphthalene

Concen: 39.787 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

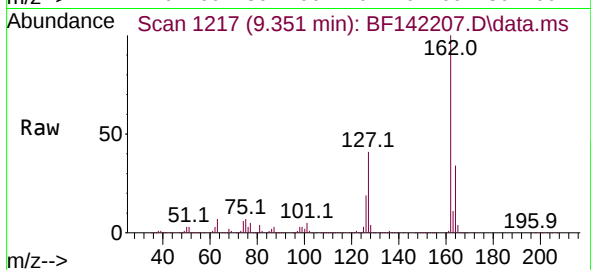
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



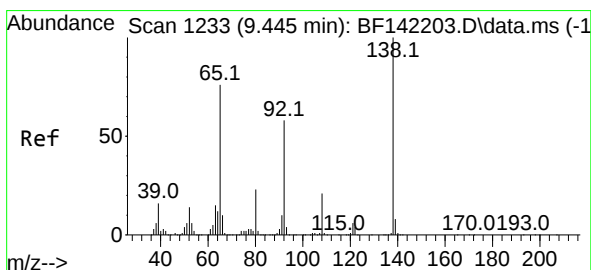
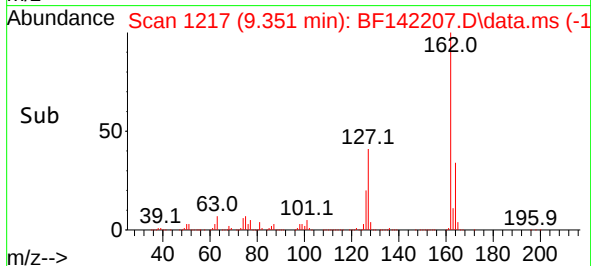
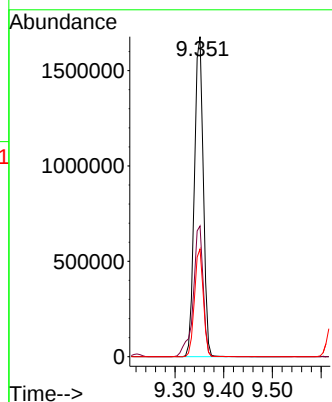
Tgt Ion:162 Resp: 2143104

Ion Ratio Lower Upper

162 100

127 40.8 33.1 49.7

164 33.6 27.1 40.7



#48

2-Nitroaniline

Concen: 40.623 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

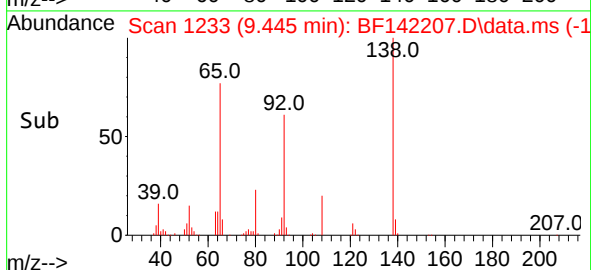
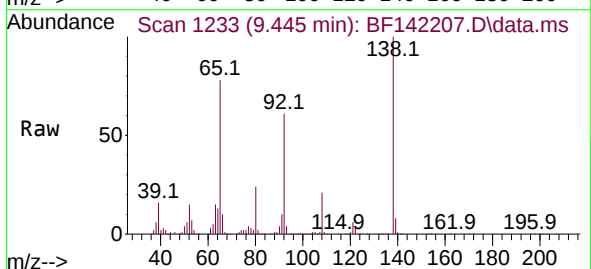
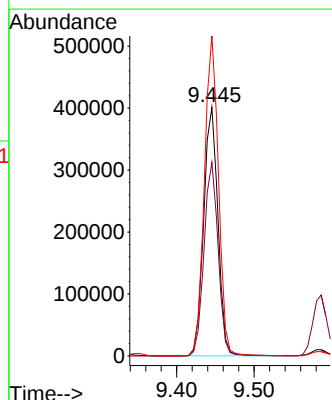
Tgt Ion: 65 Resp: 512902

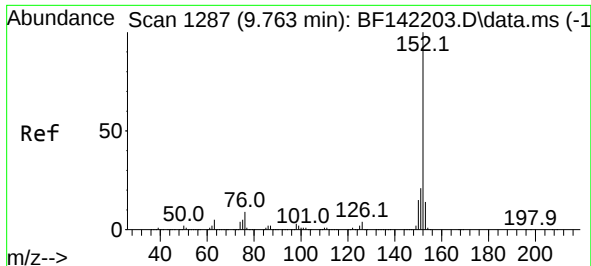
Ion Ratio Lower Upper

65 100

92 77.9 61.4 92.0

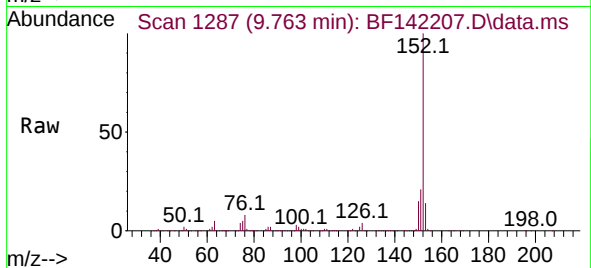
138 128.7 105.8 158.6



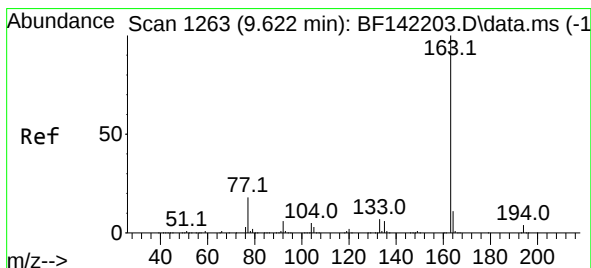
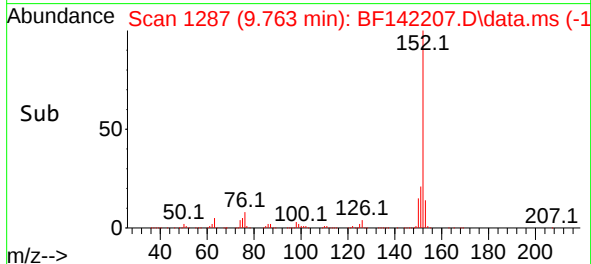
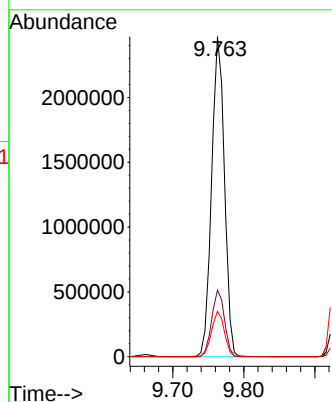


#49  
Acenaphthylene  
Concen: 40.684 ng  
RT: 9.763 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

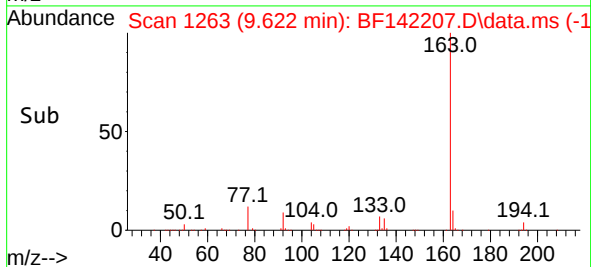
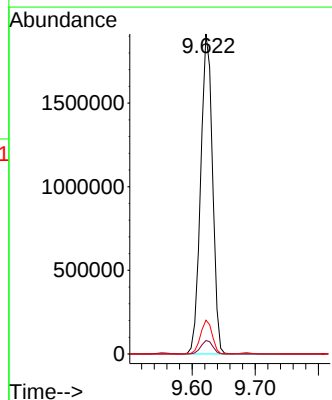
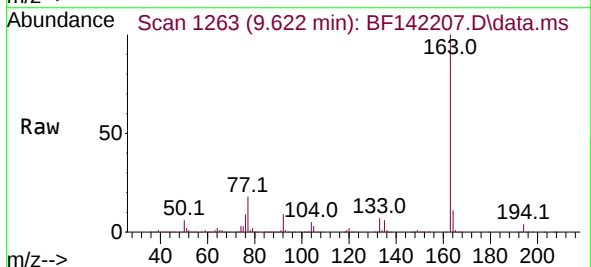


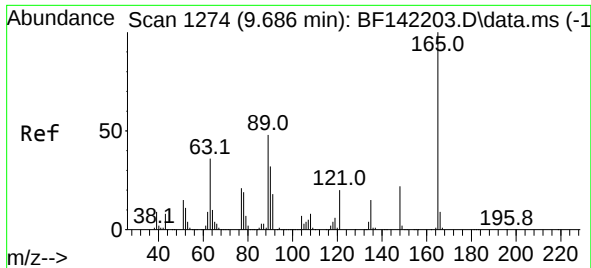
Tgt Ion:152 Resp: 3097514  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.9 25.3  
153 14.2 11.6 17.4



#50  
Dimethylphthalate  
Concen: 40.211 ng  
RT: 9.622 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:163 Resp: 2495011  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.6 8.6 12.8

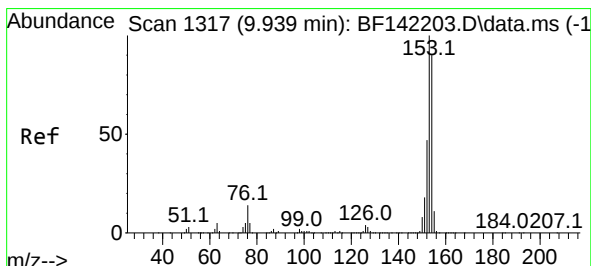
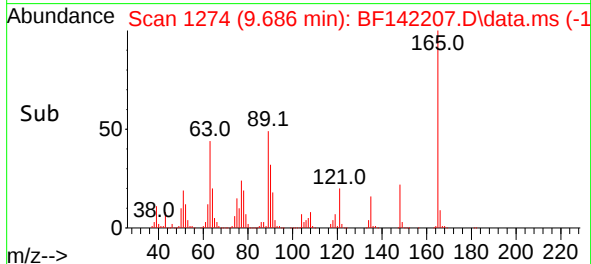
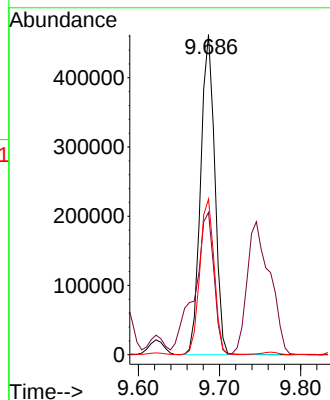
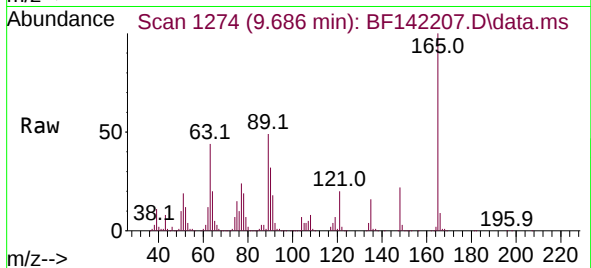




#51  
2,6-Dinitrotoluene  
Concen: 40.180 ng  
RT: 9.686 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

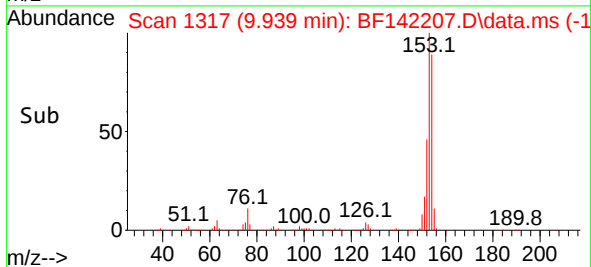
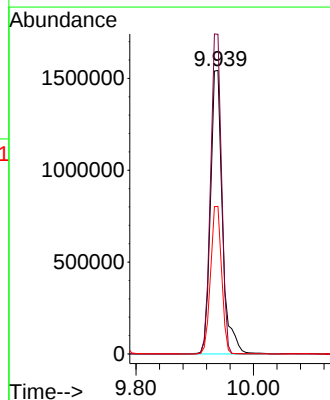
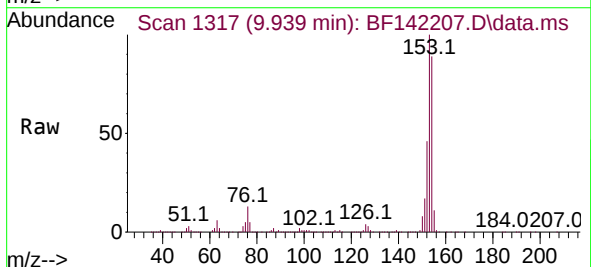
Instrument :  
BNA\_F  
ClientSampleId :

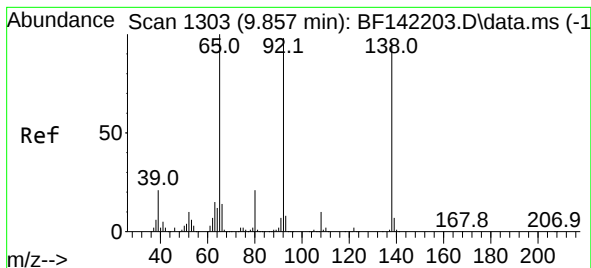
Tgt Ion:165 Resp: 559732  
Ion Ratio Lower Upper  
165 100  
63 44.5 35.4 53.2  
89 48.7 38.6 58.0



#52  
Acenaphthene  
Concen: 39.857 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:154 Resp: 2186739  
Ion Ratio Lower Upper  
154 100  
153 112.7 89.0 133.4  
152 52.1 41.8 62.8





#53

3-Nitroaniline

Concen: 39.254 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

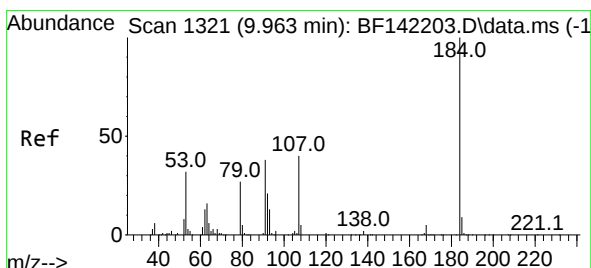
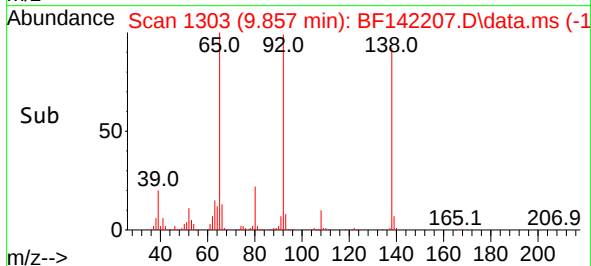
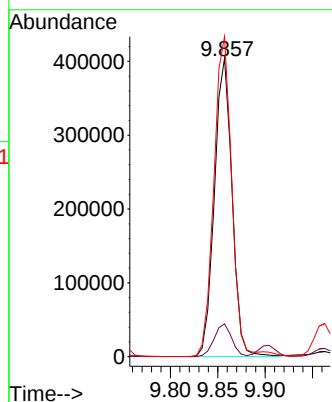
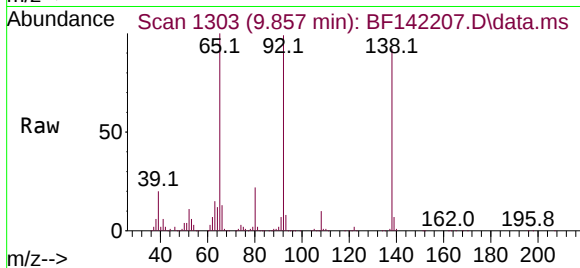
Tgt Ion:138 Resp: 523952

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

92 107.2 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 41.783 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

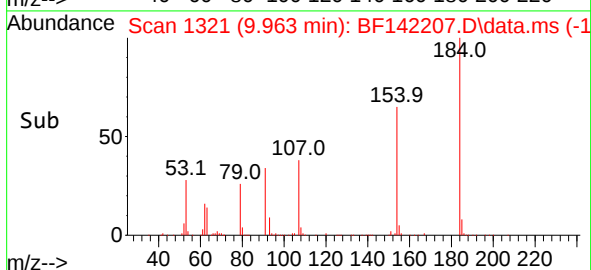
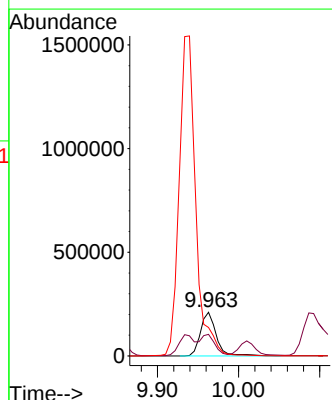
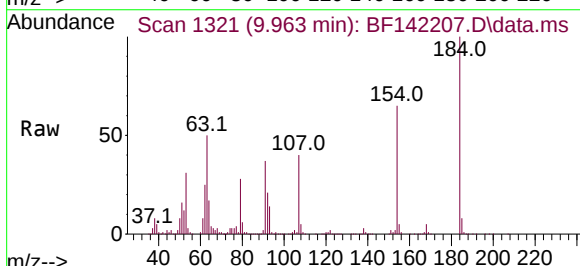
Tgt Ion:184 Resp: 285080

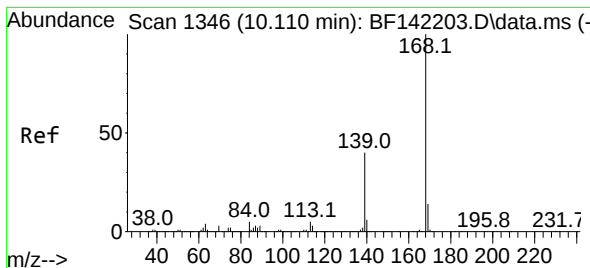
Ion Ratio Lower Upper

184 100

63 49.6 39.0 58.4

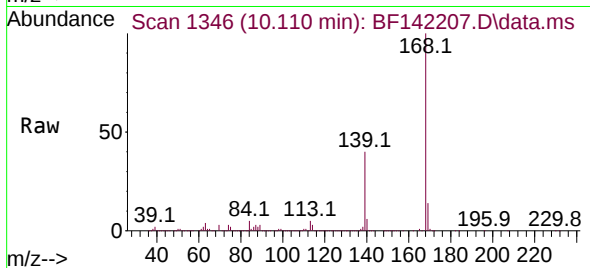
154 65.3 52.2 78.4



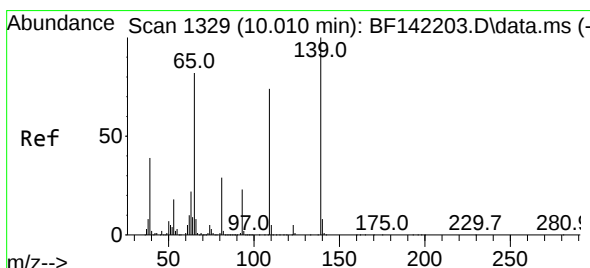
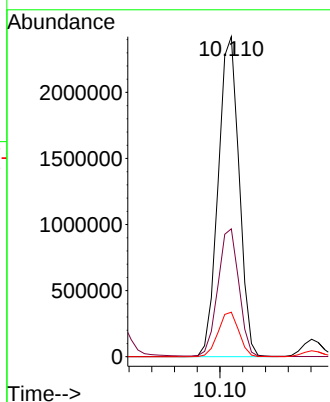
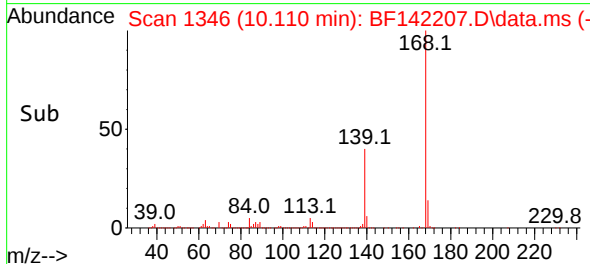


#55  
Dibenzofuran  
Concen: 40.248 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

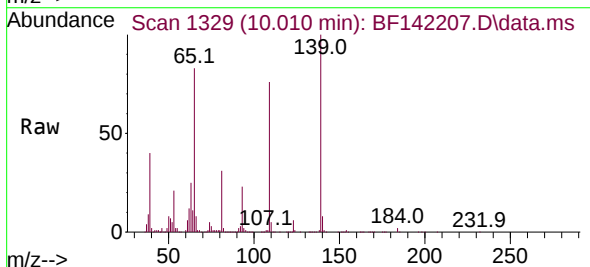
Instrument :  
BNA\_F  
ClientSampleId :



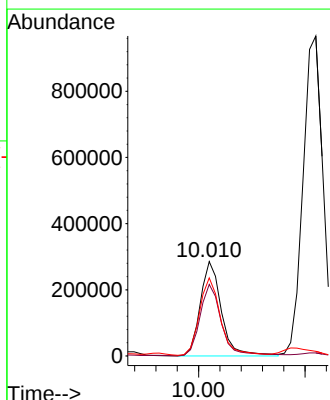
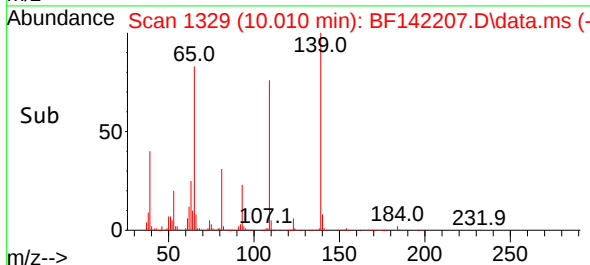
Tgt Ion:168 Resp: 3095656  
Ion Ratio Lower Upper  
168 100  
139 39.9 32.3 48.5  
169 13.9 11.4 17.0

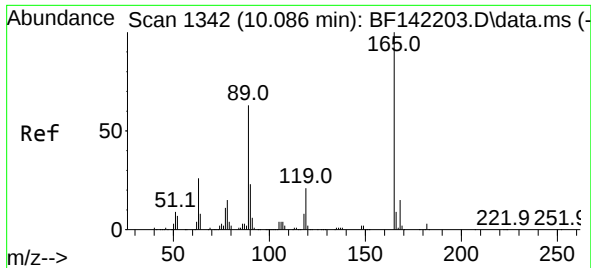


#56  
4-Nitrophenol  
Concen: 40.286 ng  
RT: 10.010 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12



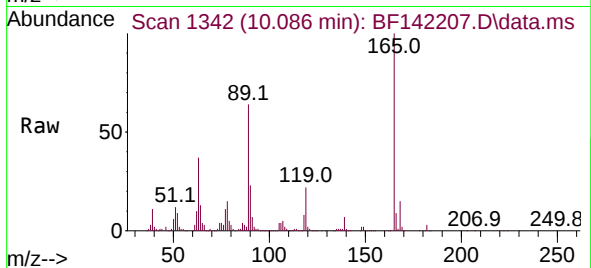
Tgt Ion:139 Resp: 393347  
Ion Ratio Lower Upper  
139 100  
109 75.7 54.1 94.1  
65 82.8 62.1 102.1



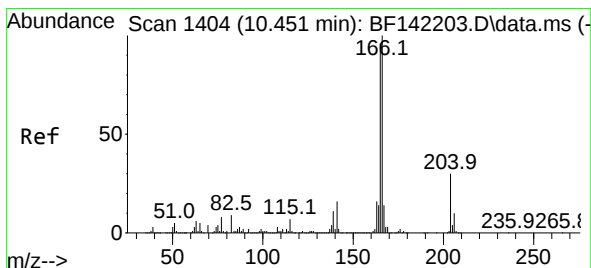
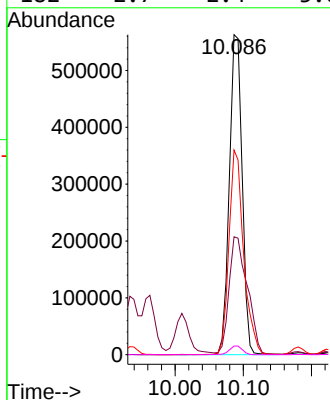
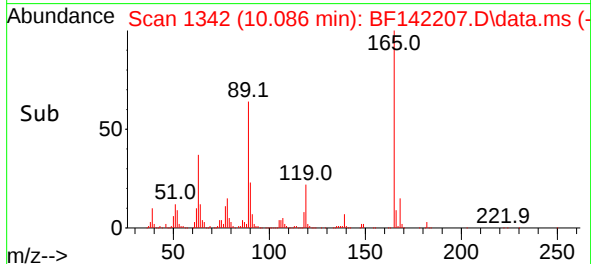


#57  
2,4-Dinitrotoluene  
Concen: 40.884 ng  
RT: 10.086 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

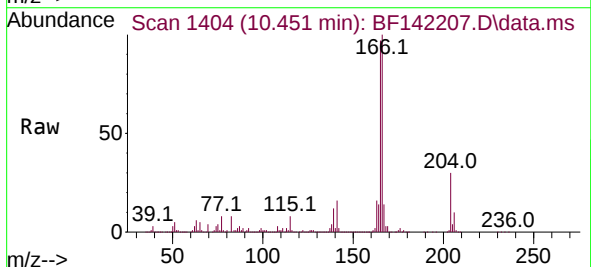
Instrument :  
BNA\_F  
ClientSampleId :



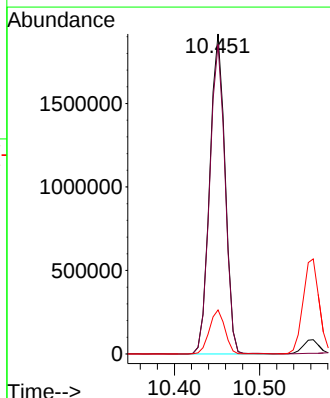
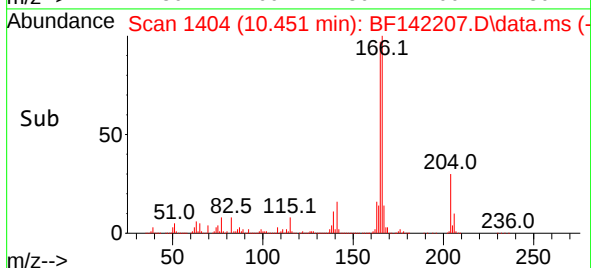
Tgt Ion:165 Resp: 735612  
Ion Ratio Lower Upper  
165 100  
63 36.9 29.0 43.6  
89 64.0 50.1 75.1  
182 2.7 2.4 3.6

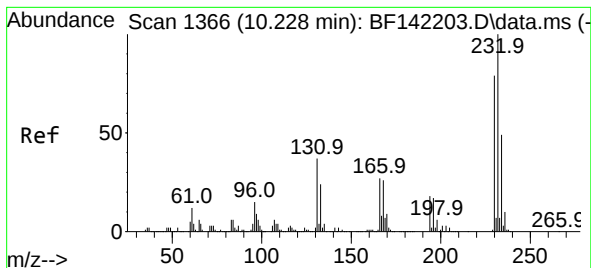


#58  
Fluorene  
Concen: 40.218 ng  
RT: 10.451 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12



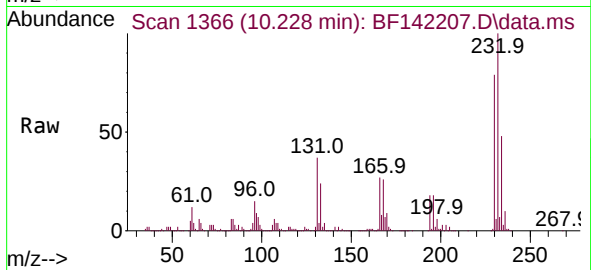
Tgt Ion:166 Resp: 2392935  
Ion Ratio Lower Upper  
166 100  
165 96.8 77.1 115.7  
167 13.7 11.0 16.4



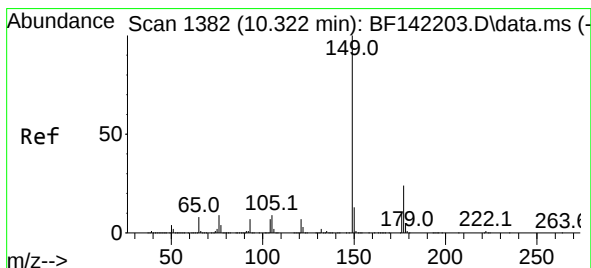
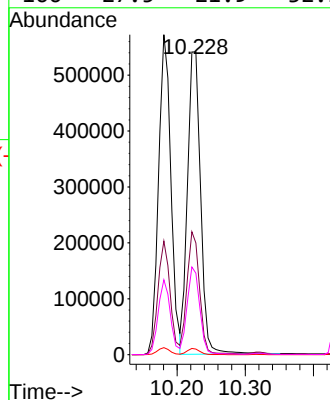
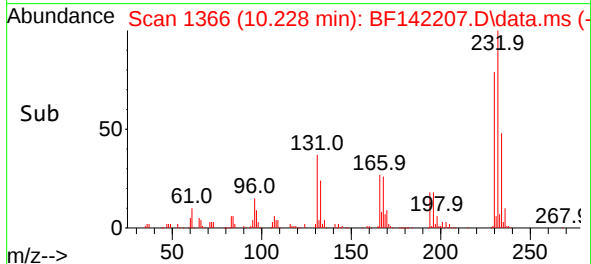


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.684 ng  
RT: 10.228 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

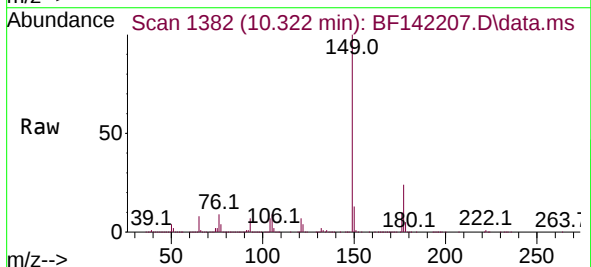
Instrument :  
BNA\_F  
ClientSampleId :



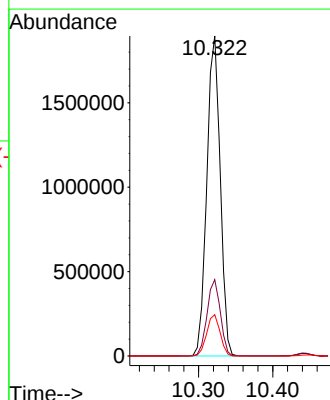
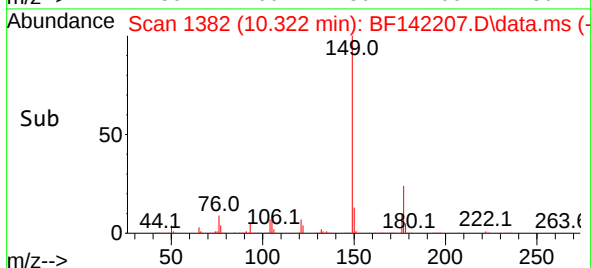
Tgt Ion:232 Resp: 720730  
Ion Ratio Lower Upper  
232 100  
131 38.2 31.9 47.9  
130 2.0 1.6 2.4  
166 27.5 21.9 32.9

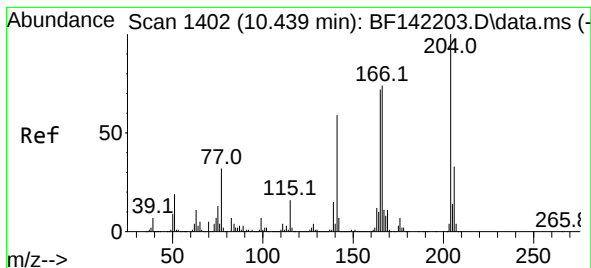


#60  
Diethylphthalate  
Concen: 41.055 ng  
RT: 10.322 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12



Tgt Ion:149 Resp: 2378709  
Ion Ratio Lower Upper  
149 100  
177 23.8 19.6 29.4  
150 12.9 10.6 15.8

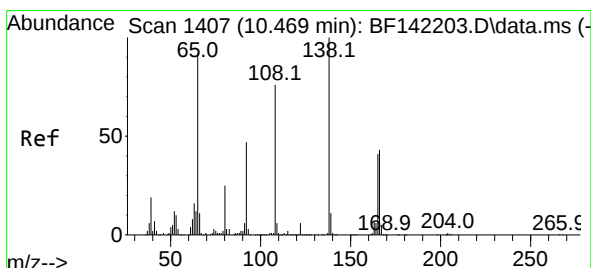
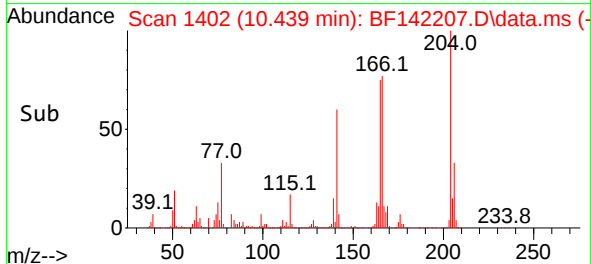
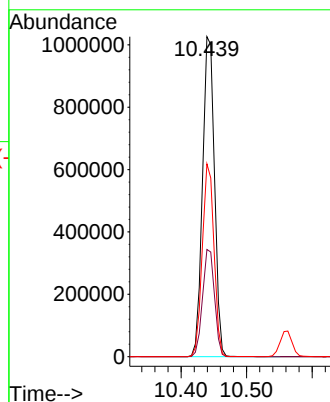
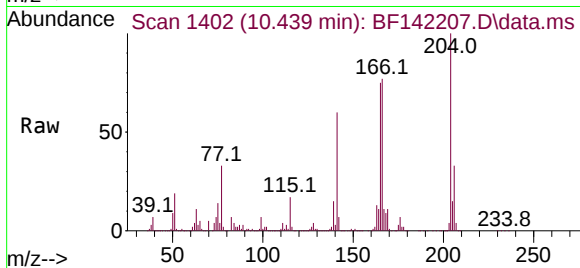




#61  
4-Chlorophenyl-phenylether  
Concen: 39.818 ng  
RT: 10.439 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

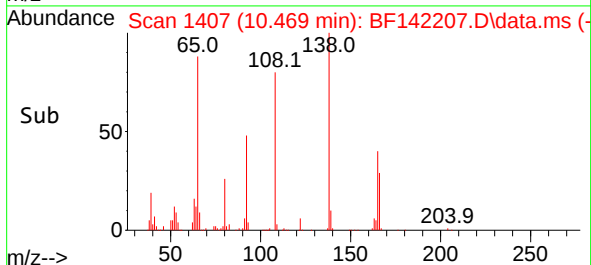
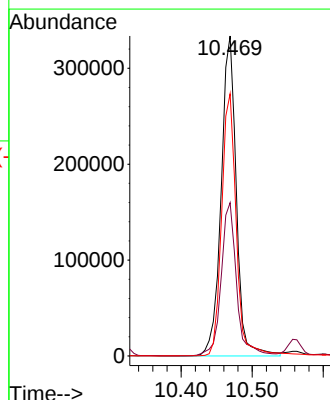
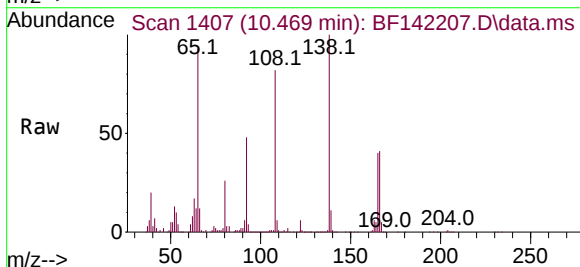
Instrument :  
BNA\_F  
ClientSampleId :

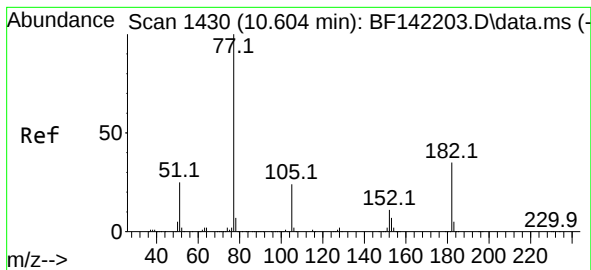
Tgt Ion:204 Resp: 1304487  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.5 39.7  
141 60.2 47.0 70.6



#62  
4-Nitroaniline  
Concen: 38.989 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

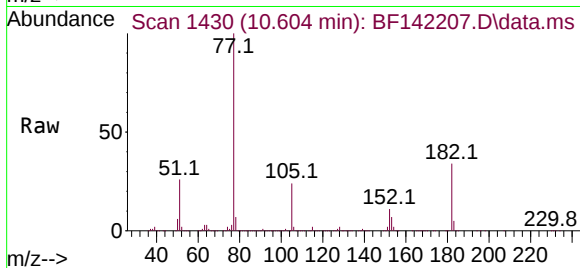
Tgt Ion:138 Resp: 494658  
Ion Ratio Lower Upper  
138 100  
92 47.9 26.7 66.7  
108 82.0 56.5 96.5



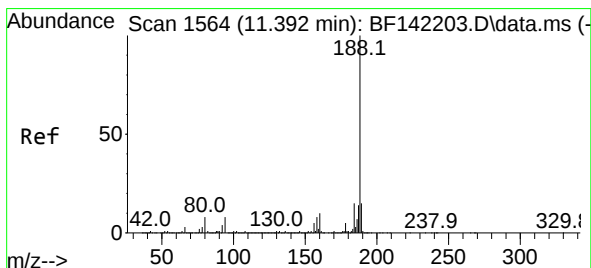
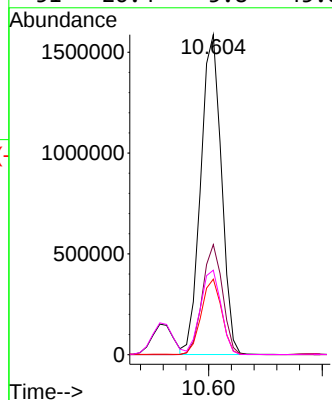
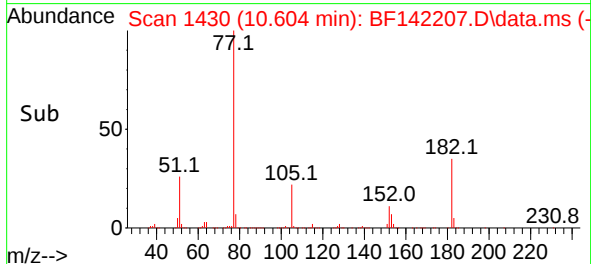


#63  
Azobenzene  
Concen: 39.692 ng  
RT: 10.604 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

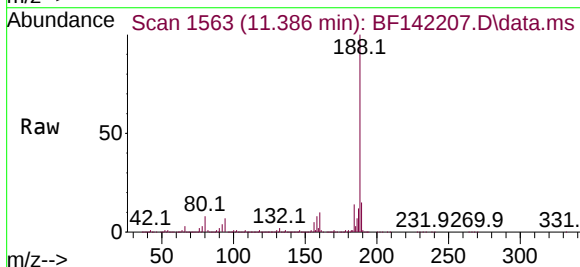
Instrument :  
BNA\_F  
ClientSampleId :



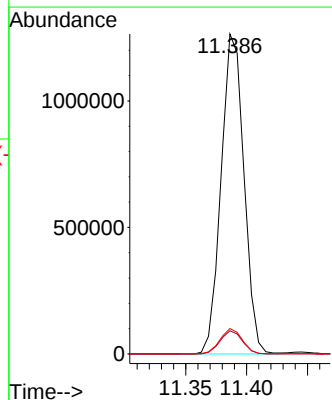
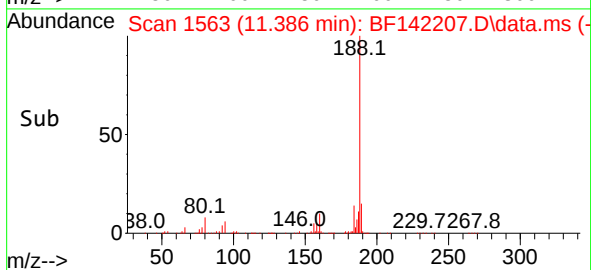
Tgt Ion: 77 Resp: 2002528  
Ion Ratio Lower Upper  
77 100  
182 34.4 14.8 54.8  
105 23.6 4.0 44.0  
51 26.4 5.8 45.8

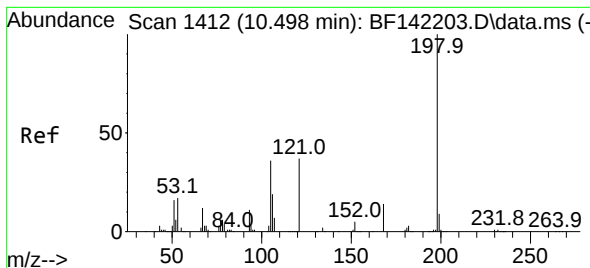


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 1563  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12



Tgt Ion:188 Resp: 1649639  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.3 9.5  
80 7.9 6.7 10.1

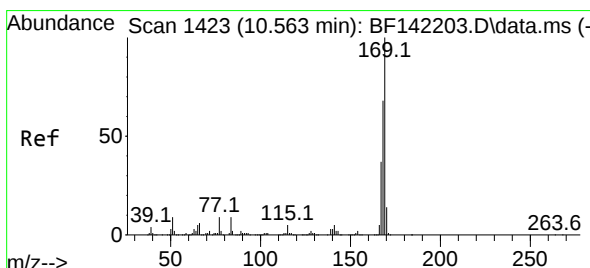
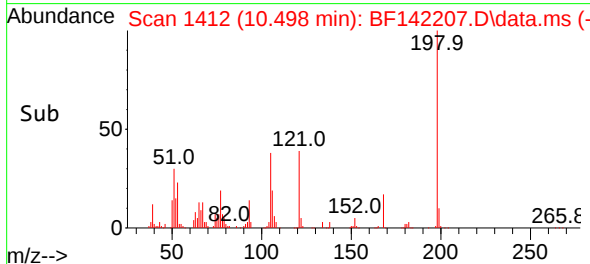
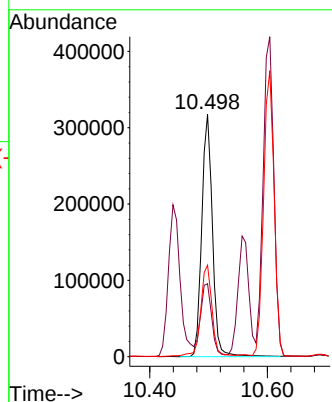
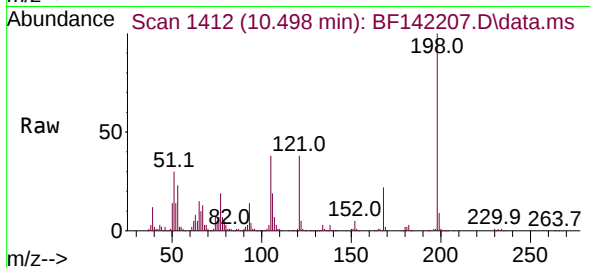




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.814 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

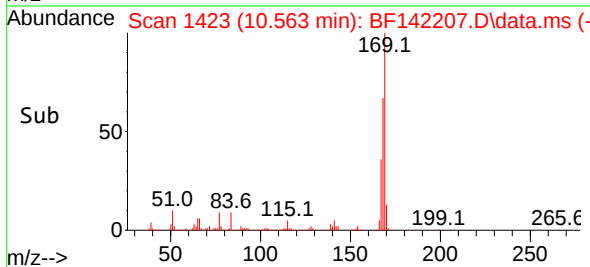
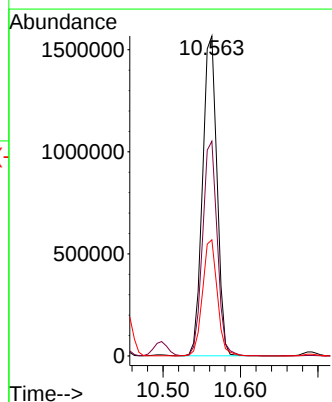
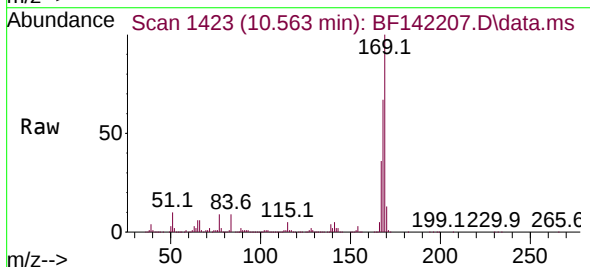
Instrument :  
BNA\_F  
ClientSampleId :

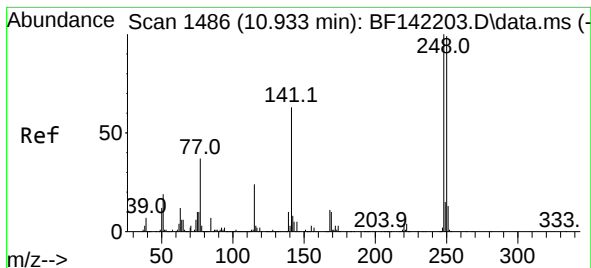
Tgt Ion:198 Resp: 402642  
Ion Ratio Lower Upper  
198 100  
51 30.1 10.2 50.2  
105 37.8 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 40.100 ng  
RT: 10.563 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:169 Resp: 2027400  
Ion Ratio Lower Upper  
169 100  
168 67.1 54.2 81.2  
167 36.3 29.4 44.2

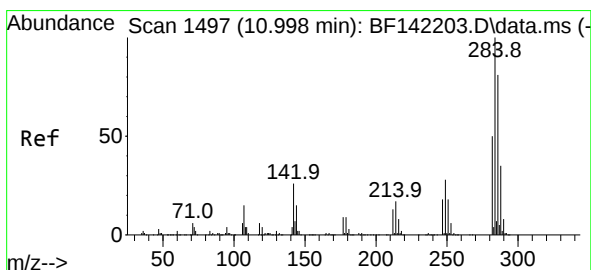
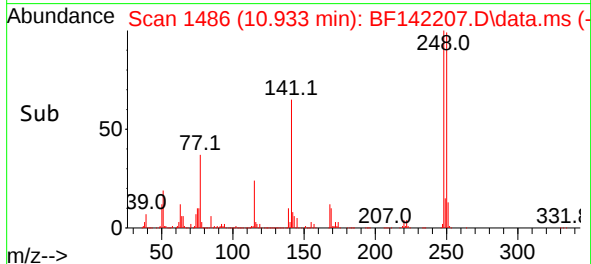
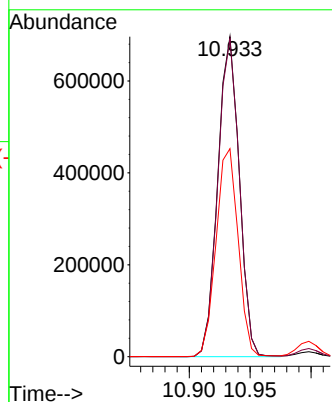
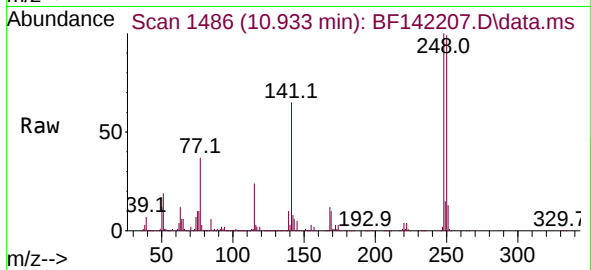




#67  
4-Bromophenyl-phenylether  
Concen: 39.530 ng  
RT: 10.933 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

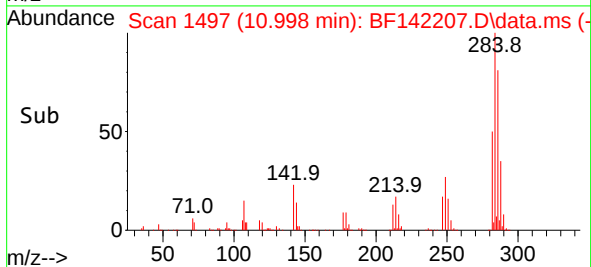
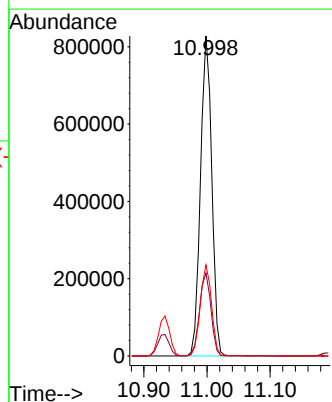
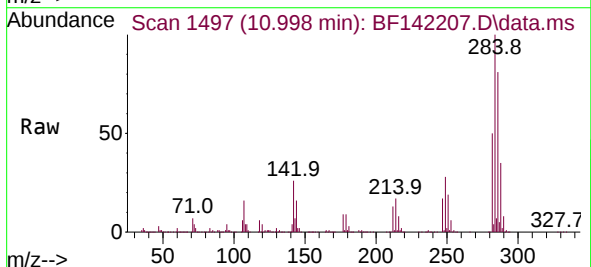
Instrument :  
BNA\_F  
ClientSampleId :

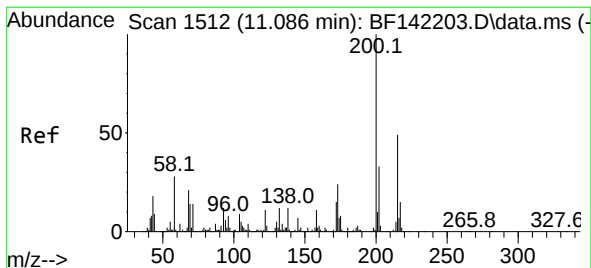
Tgt Ion:248 Resp: 857590  
Ion Ratio Lower Upper  
248 100  
250 99.4 78.8 118.2  
141 65.0 50.6 75.8



#68  
Hexachlorobenzene  
Concen: 39.734 ng  
RT: 10.998 min Scan# 1497  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:284 Resp: 1025825  
Ion Ratio Lower Upper  
284 100  
142 25.9 20.7 31.1  
249 28.4 22.8 34.2





#69

Atrazine

Concen: 34.609 ng

RT: 11.081 min Scan# 11

Delta R.T. -0.005 min

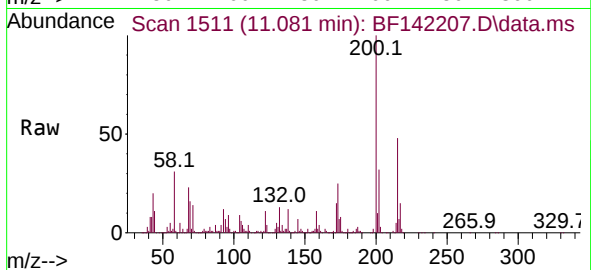
Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :



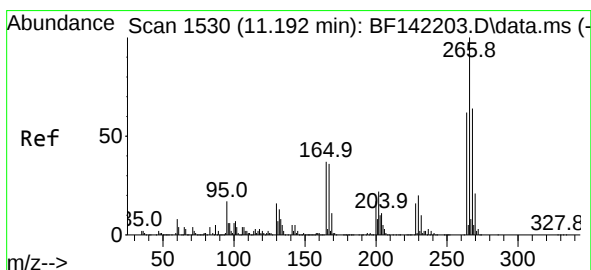
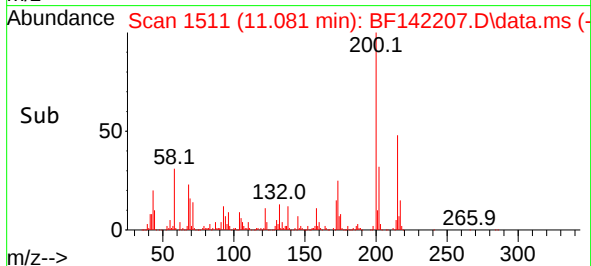
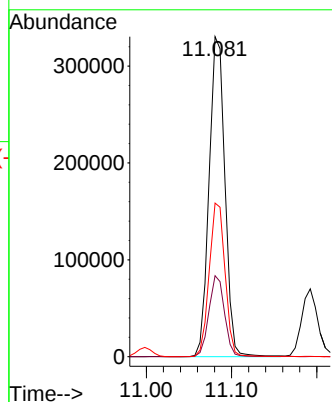
Tgt Ion:200 Resp: 427015

Ion Ratio Lower Upper

200 100

173 25.3 4.4 44.4

215 48.0 28.6 68.6



#70

Pentachlorophenol

Concen: 41.635 ng

RT: 11.192 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

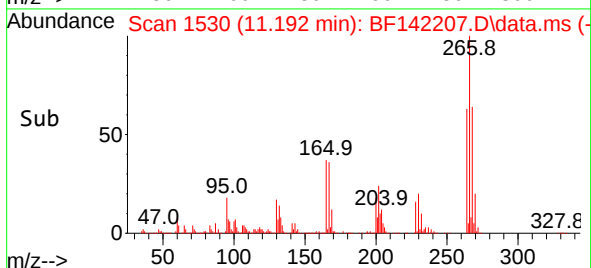
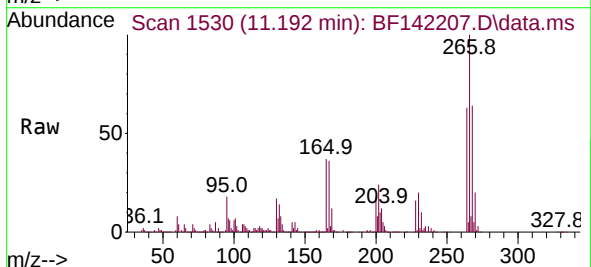
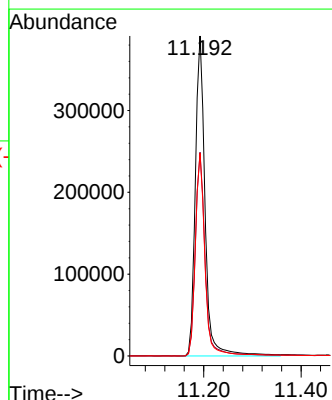
Tgt Ion:266 Resp: 548360

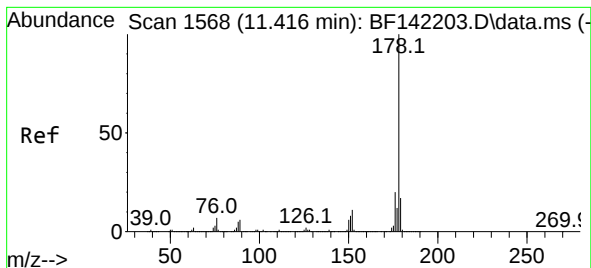
Ion Ratio Lower Upper

266 100

268 63.6 50.9 76.3

264 63.3 49.4 74.2





#71

Phenanthrene

Concen: 39.814 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

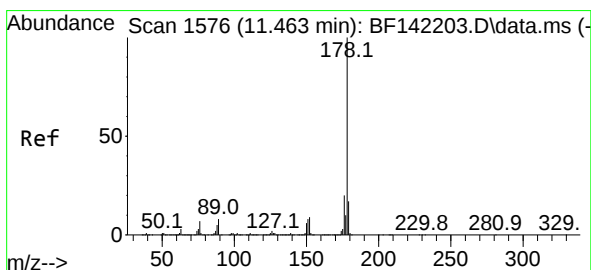
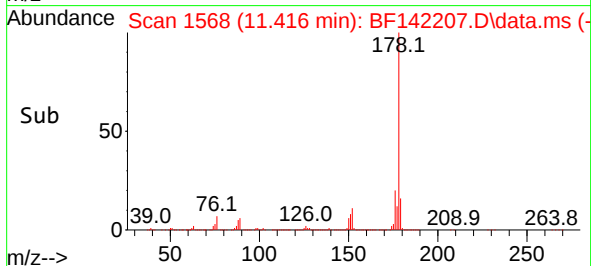
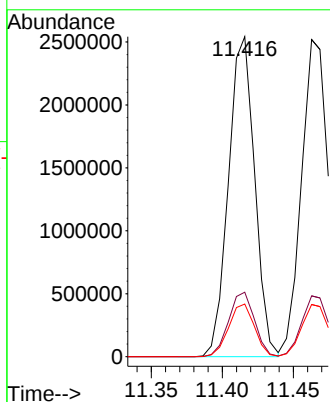
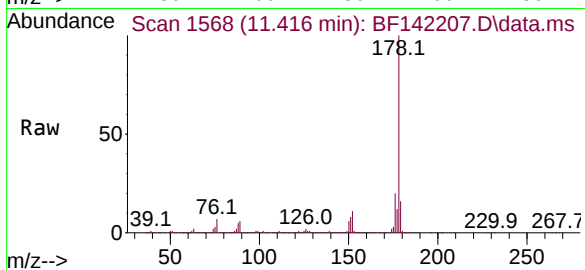
Tgt Ion:178 Resp: 3261562

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

179 16.5 13.3 19.9



#72

Anthracene

Concen: 40.577 ng

RT: 11.463 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

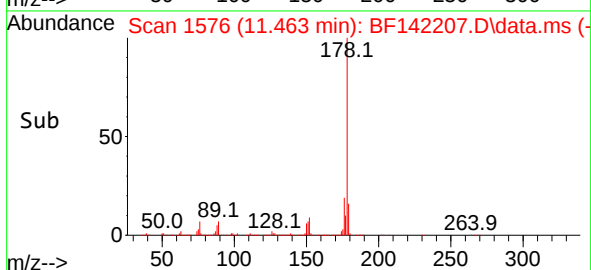
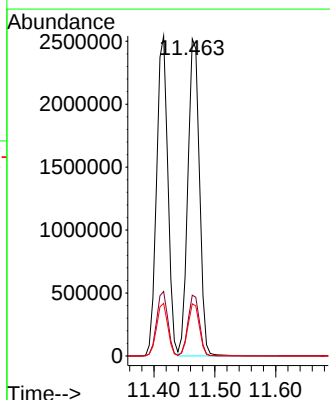
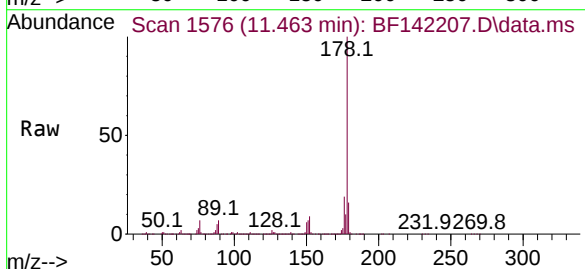
Tgt Ion:178 Resp: 3323644

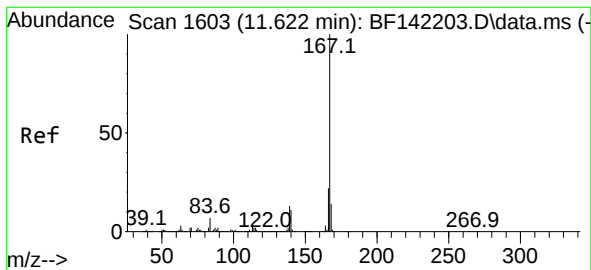
Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 16.5 13.4 20.0





#73

Carbazole

Concen: 38.488 ng

RT: 11.622 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

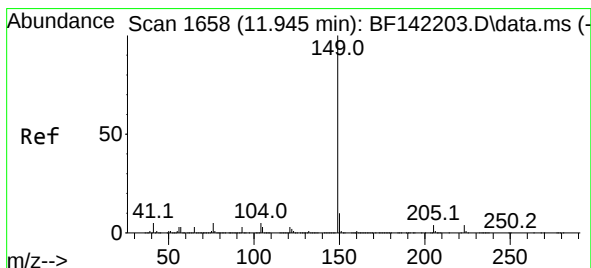
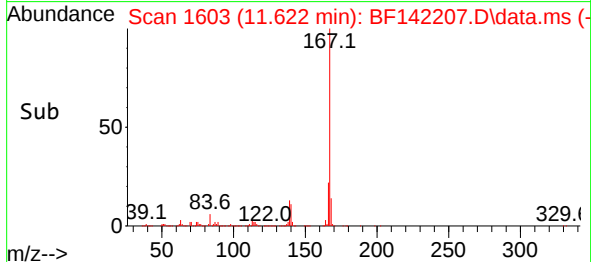
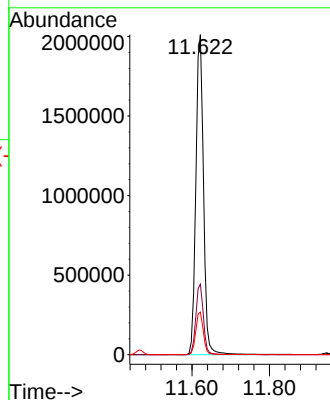
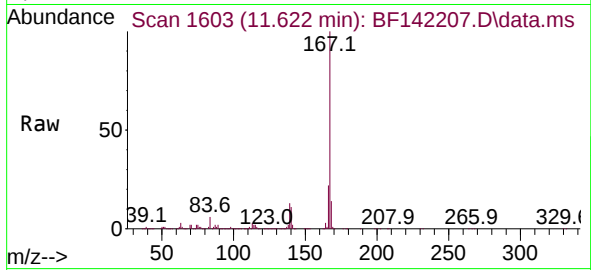
Tgt Ion:167 Resp: 2754209

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.3 10.7 16.1



#74

Di-n-butylphthalate

Concen: 42.309 ng

RT: 11.945 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

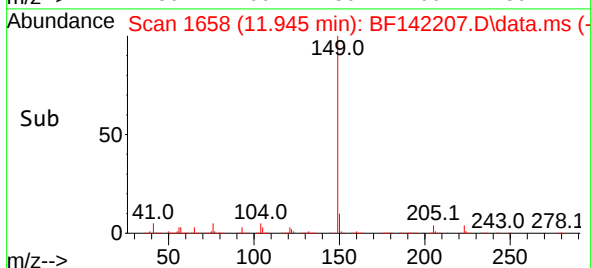
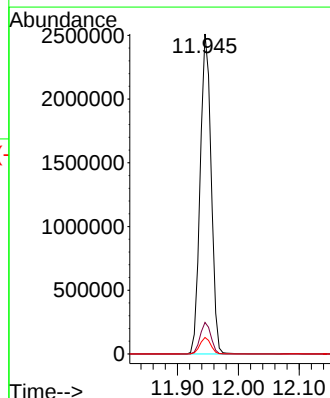
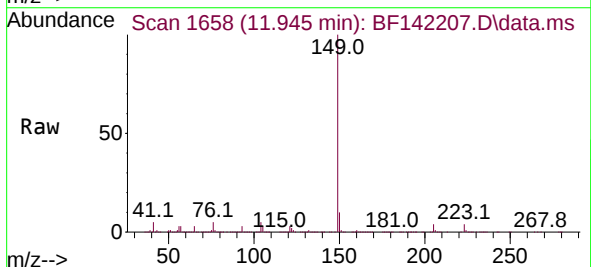
Tgt Ion:149 Resp: 3133657

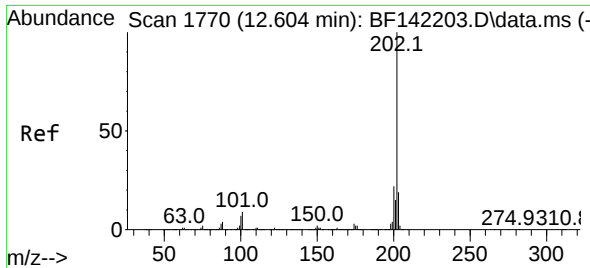
Ion Ratio Lower Upper

149 100

150 9.8 7.9 11.9

104 5.1 4.0 6.0

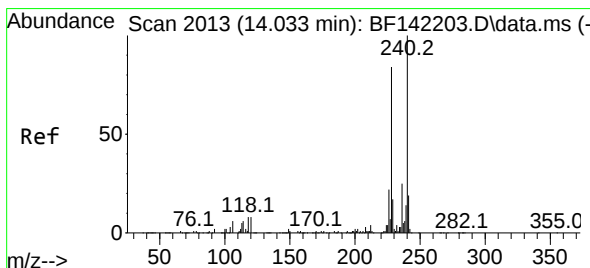
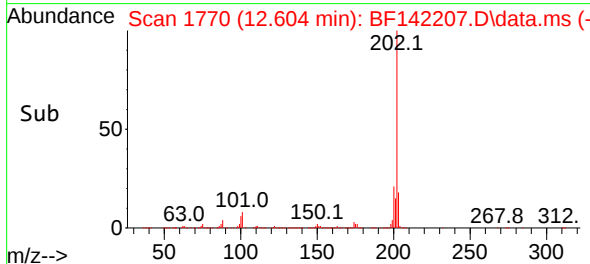
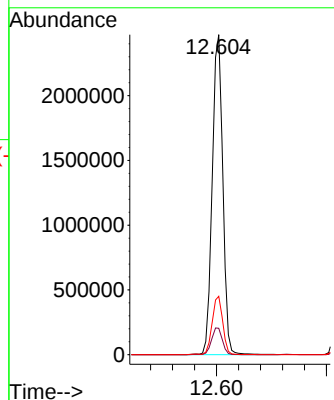
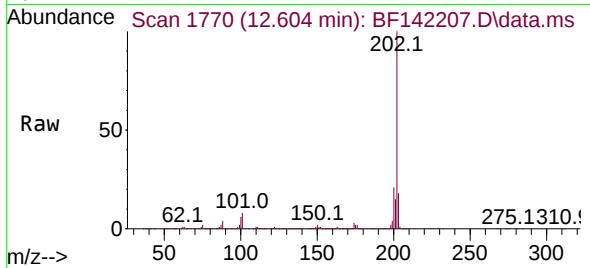




#75  
Fluoranthene  
Concen: 38.639 ng  
RT: 12.604 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

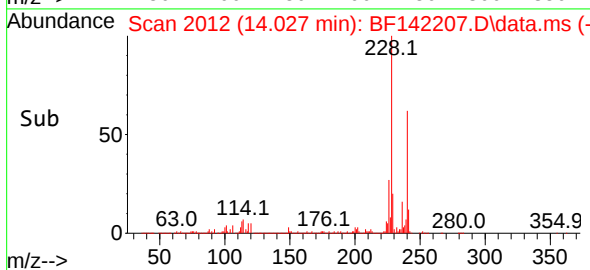
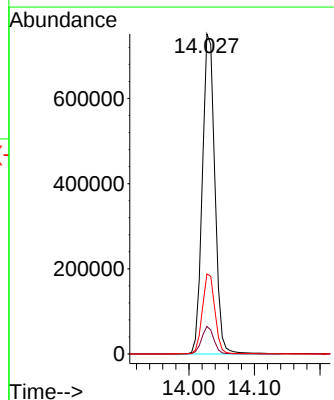
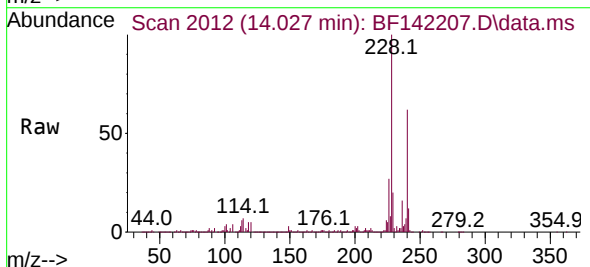
Instrument :  
BNA\_F  
ClientSampleId :

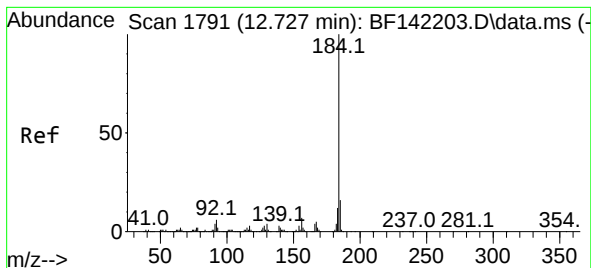
Tgt Ion:202 Resp: 3290166  
Ion Ratio Lower Upper  
202 100  
101 8.3 0.0 28.9  
203 18.3 0.0 38.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:240 Resp: 1001037  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.1 10.7  
236 25.0 20.2 30.2





#77

Benzidine

Concen: 50.625 ng

RT: 12.727 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

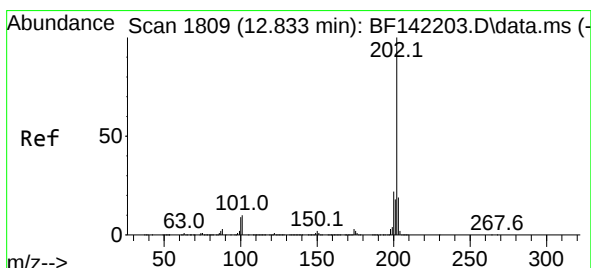
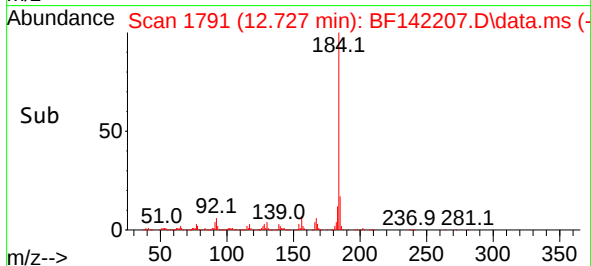
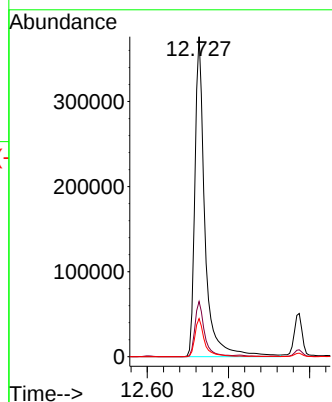
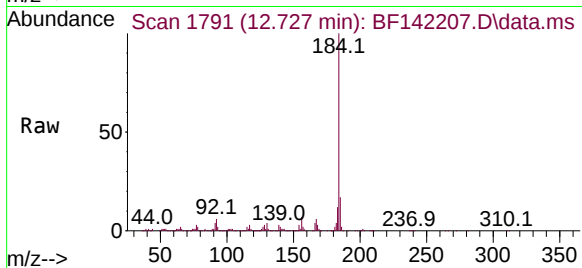
Tgt Ion:184 Resp: 653980

Ion Ratio Lower Upper

184 100

185 17.3 13.0 19.6

183 11.9 9.6 14.4



#78

Pyrene

Concen: 40.353 ng

RT: 12.833 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

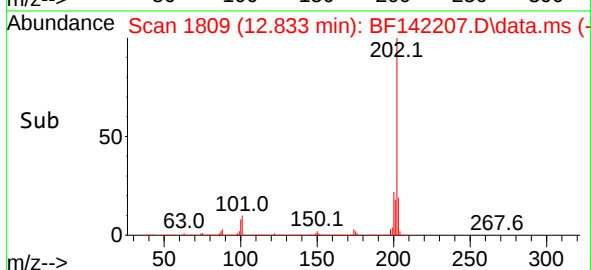
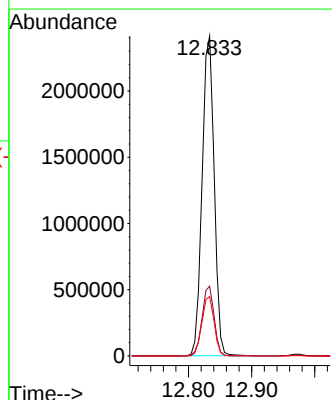
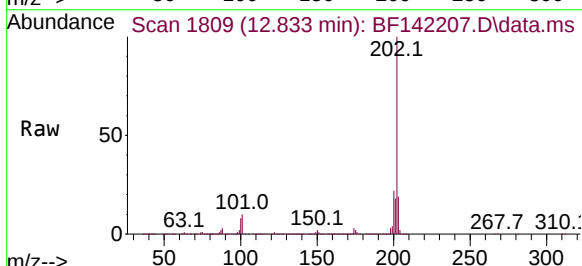
Tgt Ion:202 Resp: 3208253

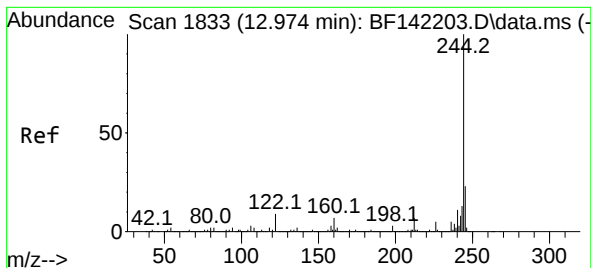
Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

203 18.6 14.8 22.2





#79

Terphenyl-d14

Concen: 78.632 ng

RT: 12.975 min Scan# 1833

Delta R.T. 0.001 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

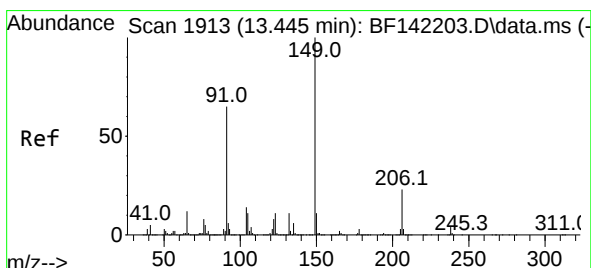
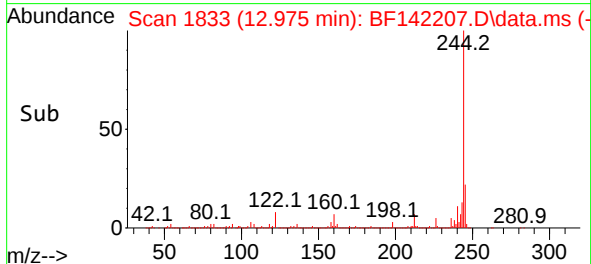
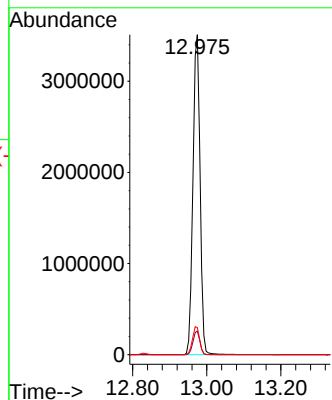
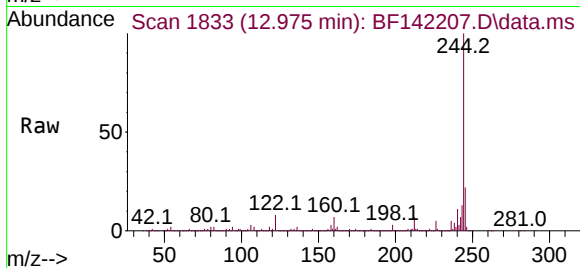
Tgt Ion:244 Resp: 4698500

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 8.5 7.3 10.9



#80

Butylbenzylphthalate

Concen: 45.455 ng

RT: 13.445 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

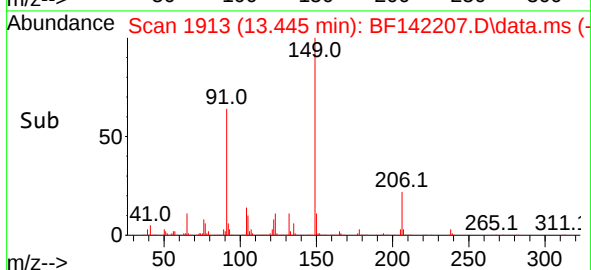
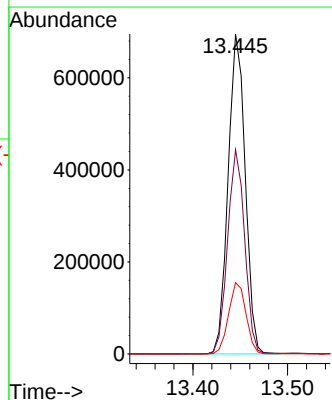
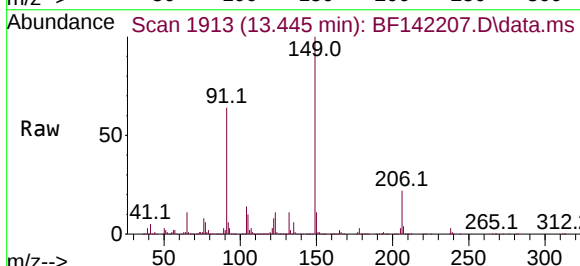
Tgt Ion:149 Resp: 874716

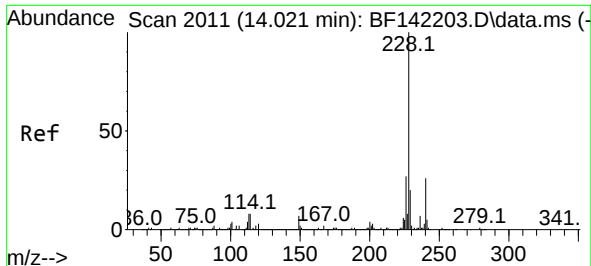
Ion Ratio Lower Upper

149 100

91 63.8 51.8 77.8

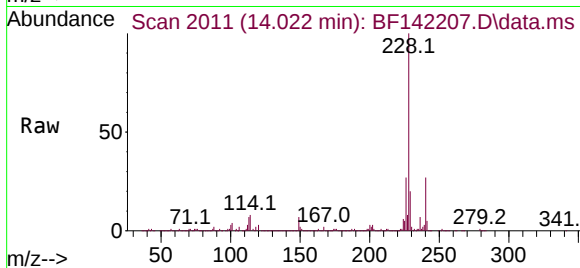
206 22.3 18.2 27.4



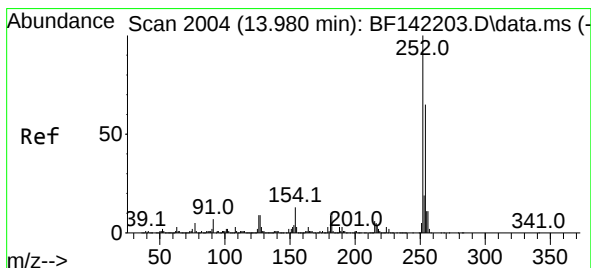
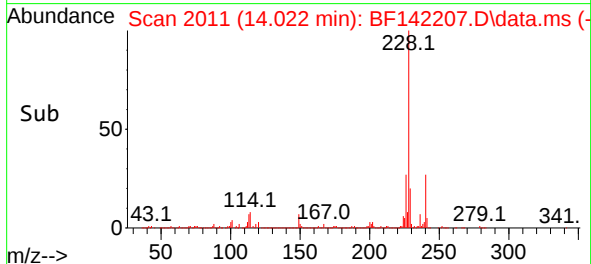
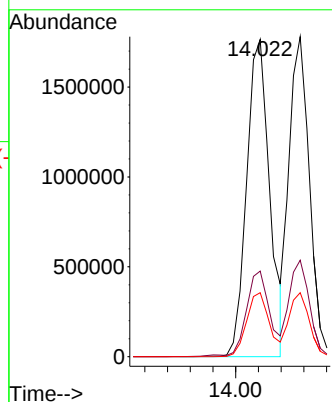


#81  
Benzo(a)anthracene  
Concen: 40.936 ng  
RT: 14.022 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Instrument :  
BNA\_F  
ClientSampleId :

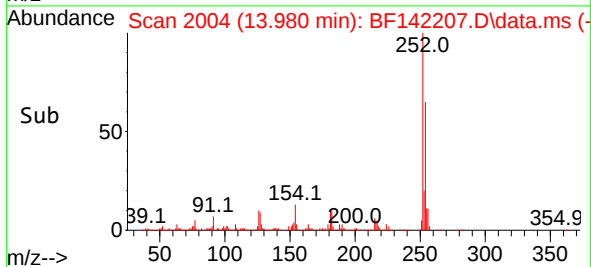
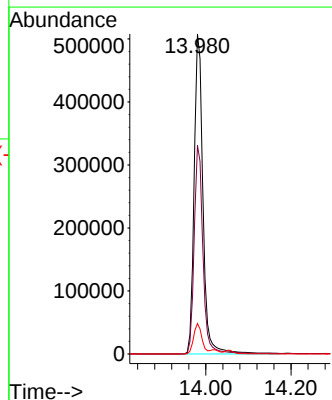
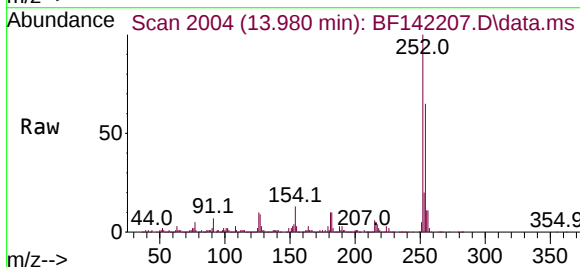


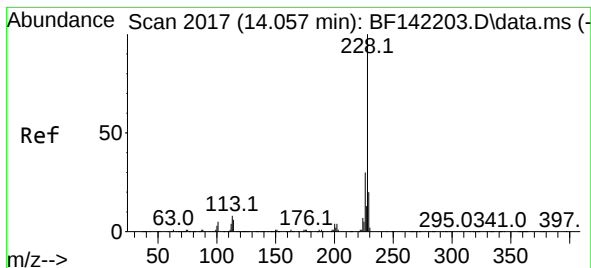
Tgt Ion:228 Resp: 2481966  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.8 32.8  
229 20.2 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 40.570 ng  
RT: 13.980 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BF142207.D  
Acq: 21 Apr 2025 18:12

Tgt Ion:252 Resp: 732492  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.9 77.9  
126 9.5 7.4 11.0





#83

Chrysene

Concen: 38.458 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

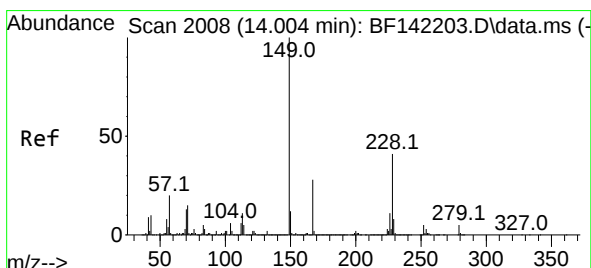
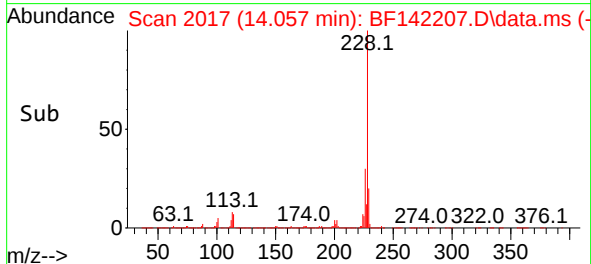
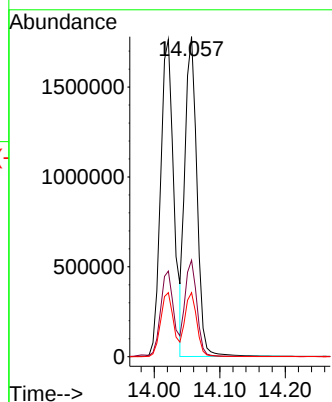
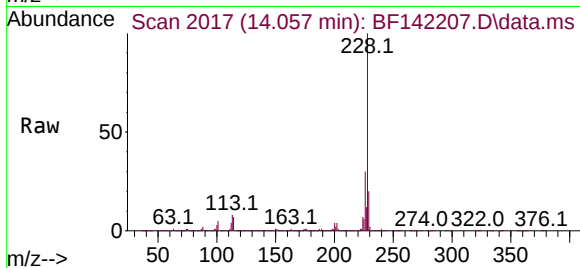
Tgt Ion:228 Resp: 2246623

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.225 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

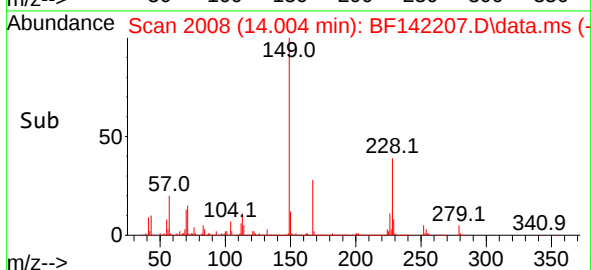
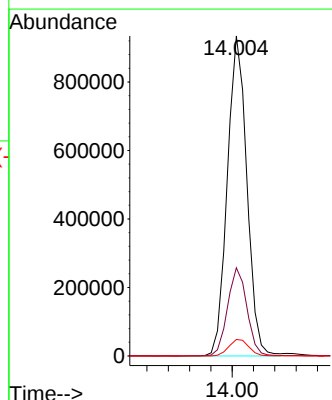
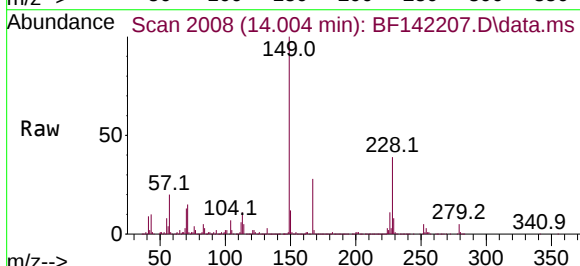
Tgt Ion:149 Resp: 1190031

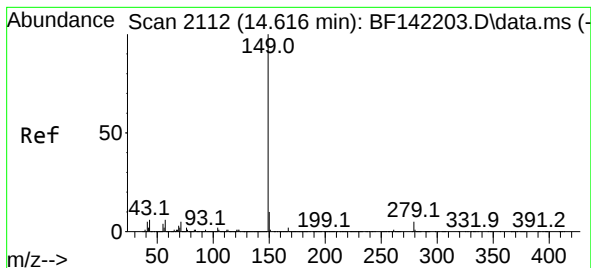
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 46.495 ng

RT: 14.616 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

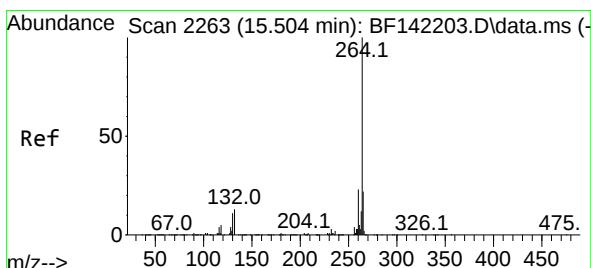
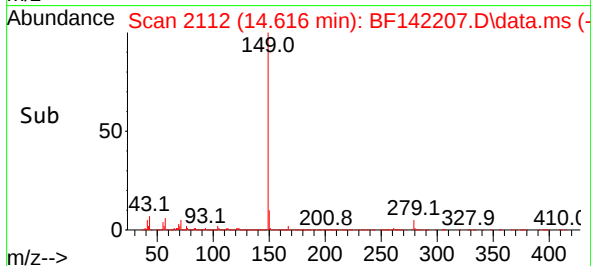
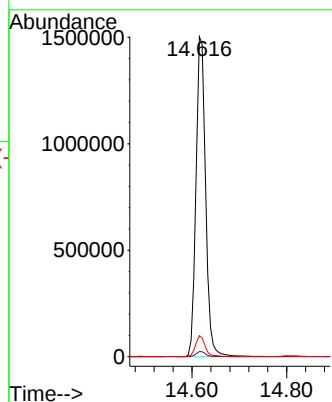
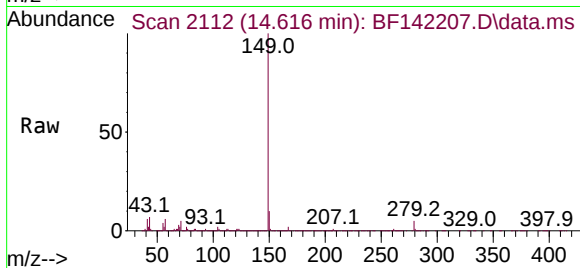
Tgt Ion:149 Resp: 2120040

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.6 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: BF142207.D

Acq: 21 Apr 2025 18:12

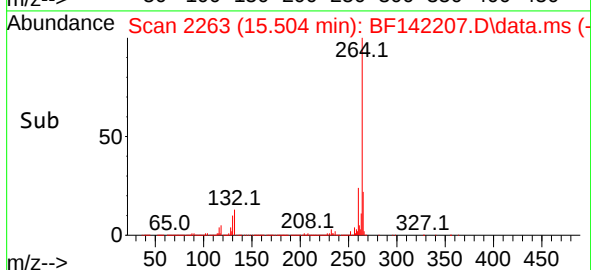
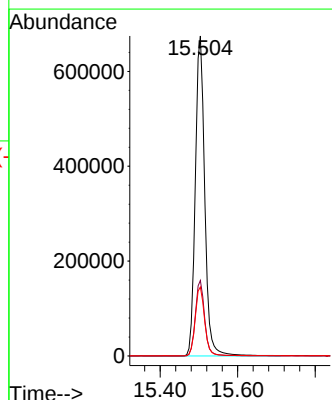
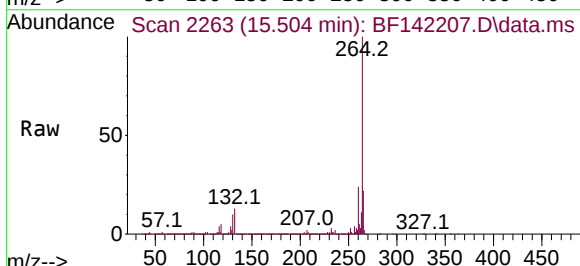
Tgt Ion:264 Resp: 1142603

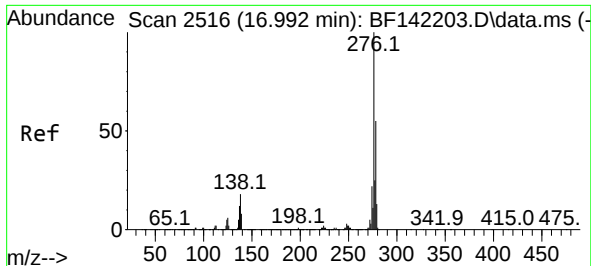
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

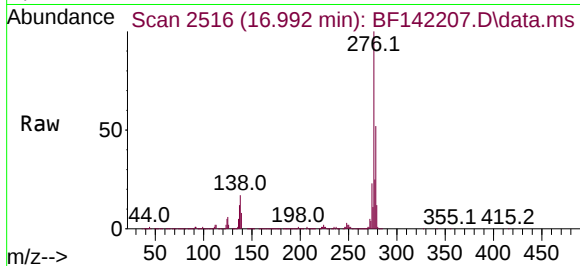
265 21.5 16.9 25.3



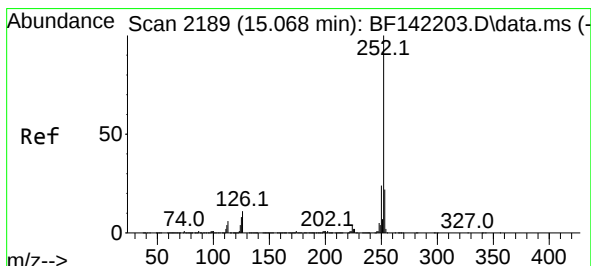
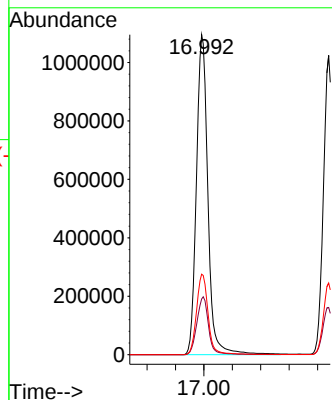
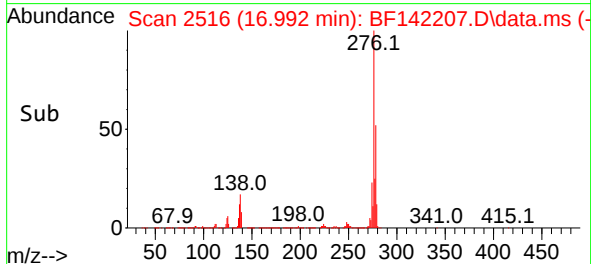


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.388 ng  
 RT: 16.992 min Scan# 2190  
 Delta R.T. 0.000 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12

Instrument :  
 BNA\_F  
 ClientSampleId :

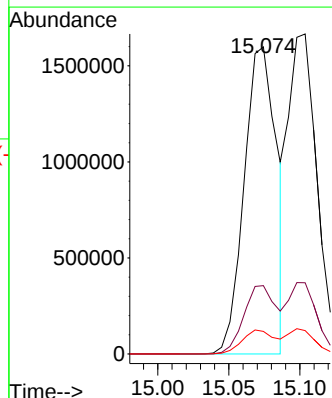
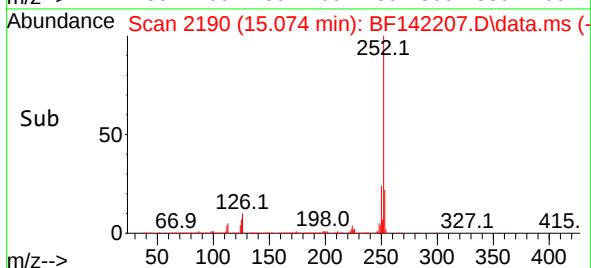
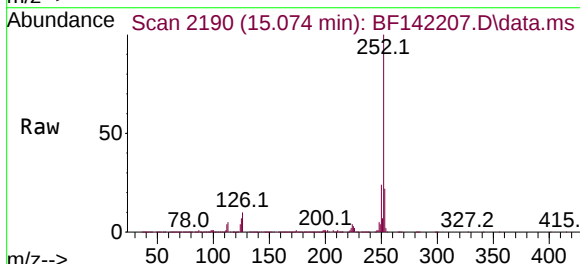


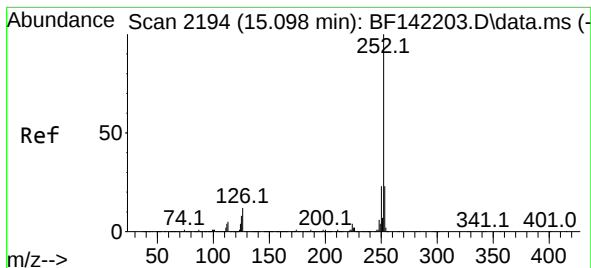
Tgt Ion:276 Resp: 3077410  
 Ion Ratio Lower Upper  
 276 100  
 138 18.3 15.1 22.7  
 277 25.4 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 39.633 ng  
 RT: 15.074 min Scan# 2190  
 Delta R.T. 0.006 min  
 Lab File: BF142207.D  
 Acq: 21 Apr 2025 18:12

Tgt Ion:252 Resp: 2540619  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.8 26.8  
 125 7.3 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 38.379 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

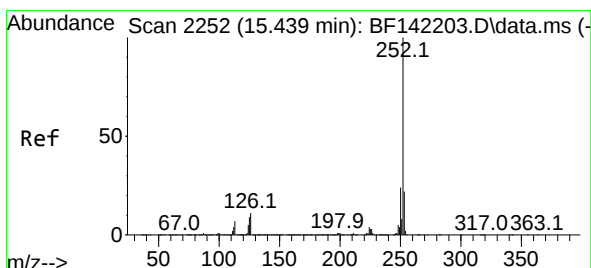
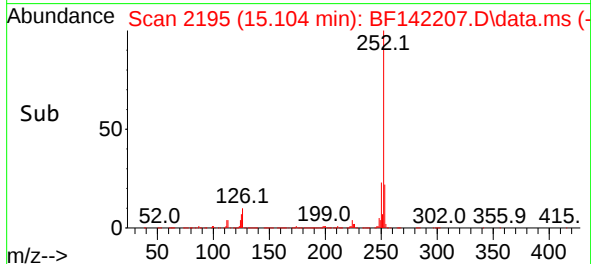
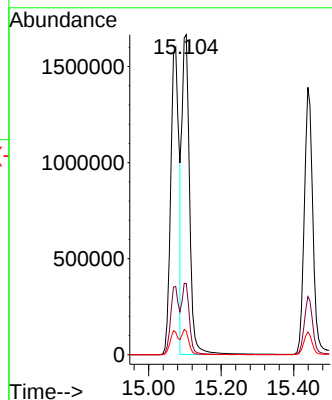
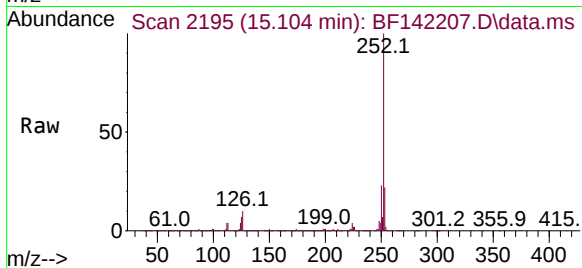
Tgt Ion:252 Resp: 2429949

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 7.3 6.6 10.0



#90

Benzo(a)pyrene

Concen: 39.543 ng

RT: 15.439 min Scan# 2252

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

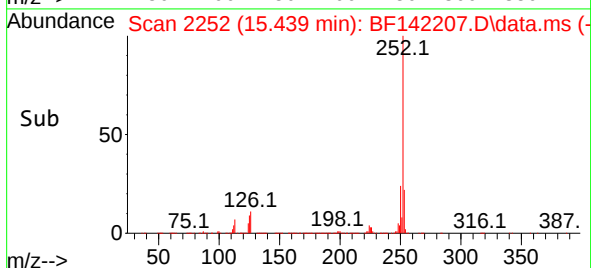
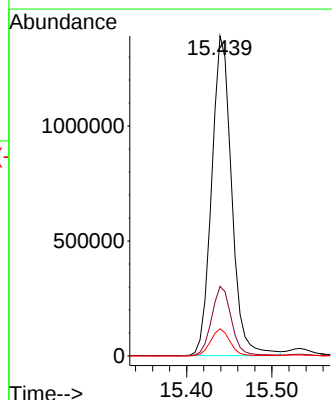
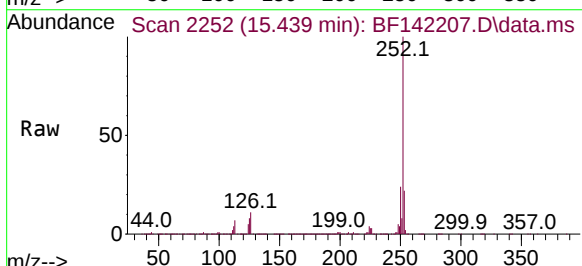
Tgt Ion:252 Resp: 2268563

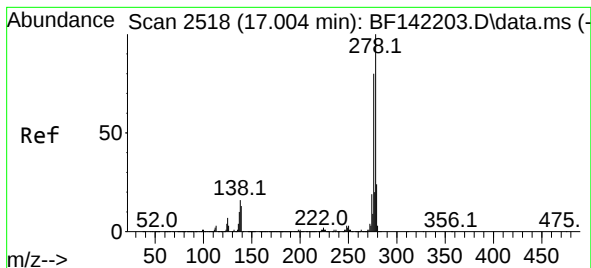
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.5 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 38.855 ng

RT: 17.010 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Instrument :

BNA\_F

ClientSampleId :

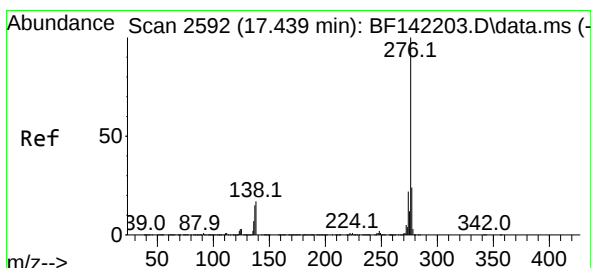
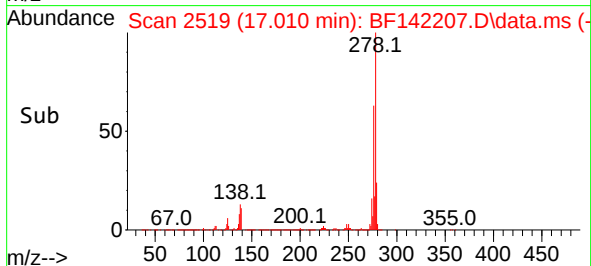
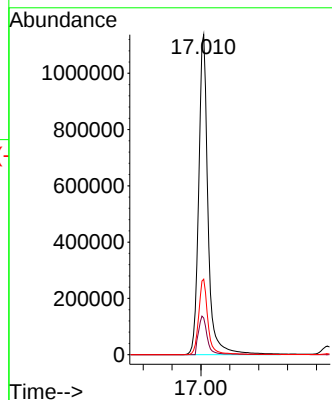
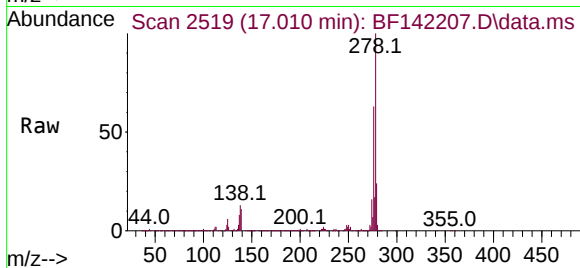
Tgt Ion:278 Resp: 2540904

Ion Ratio Lower Upper

278 100

139 11.5 10.2 15.4

279 23.6 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 37.091 ng

RT: 17.439 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BF142207.D

Acq: 21 Apr 2025 18:12

Tgt Ion:276 Resp: 2526379

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 15.8 13.4 20.2

