

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050525\  
 Data File : BF142295.D  
 Acq On : 05 May 2025 13:54  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: May 05 17:55:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 17:44:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 220458   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.187  | 136  | 851705   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 461090   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.428 | 188  | 826586   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 600134   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 417952   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 62595    | 4.847  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 78538    | 4.945  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 53794    | 3.852  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 15967    | 3.587  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 197282   | 6.101  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 211970   | 5.228  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 14879    | 2.558  | ng    | 96       |
| 3) Pyridine                   | 3.475  | 79   | 22913    | 1.676  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 18863    | 2.377  | ng    | # 97     |
| 6) Aniline                    | 6.822  | 93   | 5210     | 0.334  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 29683    | 2.151  | ng    | 98       |
| 9) Benzaldehyde               | 6.451  | 77   | 27918    | 3.003  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 41699    | 2.477  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 47941    | 2.887  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 40830    | 2.586  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 41640    | 2.627  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 39560    | 2.600  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 19006    | 1.848  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 64319    | 2.594  | ng    | 100      |
| 17) 2-Methylphenol            | 7.140  | 107  | 25733    | 2.303  | ng    | 98       |
| 18) Hexachloroethane          | 7.422  | 117  | 11936    | 2.263  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 23149    | 2.356  | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.293  | 107  | 33947    | 2.434  | ng    | 97       |
| 22) Acetophenone              | 7.304  | 105  | 52279    | 2.761  | ng    | 97       |
| 24) Nitrobenzene              | 7.475  | 77   | 26010    | 1.976  | ng    | 99       |
| 25) Isophorone                | 7.716  | 82   | 64352    | 2.433  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.798  | 139  | 7870     | 5.222  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 35451    | 2.666  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 43459    | 2.556  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 22574    | 1.997  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 33469    | 2.631  | ng    | 97       |
| 31) Naphthalene               | 8.204  | 128  | 113325   | 2.745  | ng    | 99       |
| 32) Benzoic acid              | 7.828  | 122  | 35451    | 11.040 | ng    | # 16     |
| 33) 4-Chloroaniline           | 8.322  | 127  | 33602    | 1.999  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.328  | 225  | 20161    | 2.676  | ng    | 99       |
| 35) Caprolactam               | 8.581  | 113  | 5280     | 1.606  | ng    | # 91     |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 29704    | 2.528  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 69259    | 2.700  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 72746    | 2.721  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 33613    | 2.610  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 15532    | 1.952  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 15785    | 1.943  | ng    | 97       |

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 SSTDICC2.5

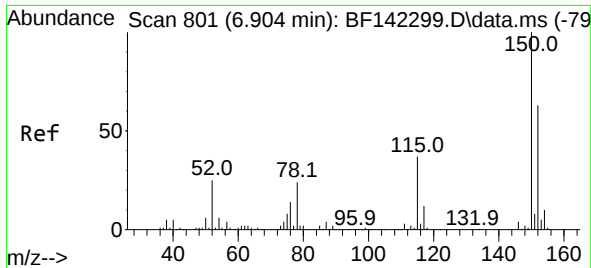
Quant Time: May 05 17:55:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 17:44:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 16707    | 1.933 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 97075    | 2.746 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 71120    | 2.705 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 9730     | 1.444 | ng    | 97       |
| 49) Acenaphthylene            | 9.798  | 152  | 115585   | 2.628 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 71249    | 2.406 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 8490     | 1.532 | ng    | 96       |
| 52) Acenaphthene              | 9.975  | 154  | 72098    | 2.726 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 8903     | 1.370 | ng #  | 84       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 2560     | 8.460 | ng #  | 1        |
| 55) Dibenzofuran              | 10.145 | 168  | 109379   | 2.802 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 7733     | 1.581 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 9815     | 1.381 | ng    | 93       |
| 58) Fluorene                  | 10.486 | 166  | 84455    | 2.835 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 13269    | 1.860 | ng #  | 96       |
| 60) Diethylphthalate          | 10.357 | 149  | 69770    | 2.360 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.481 | 204  | 40034    | 2.786 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 9689     | 1.881 | ng    | 90       |
| 63) Azobenzene                | 10.639 | 77   | 71784    | 2.541 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 3446     | 7.946 | ng #  | 78       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 69022    | 2.509 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 23292    | 2.486 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 25964    | 2.520 | ng    | 98       |
| 69) Atrazine                  | 11.122 | 200  | 12769    | 1.761 | ng    | 98       |
| 70) Pentachlorophenol         | 11.228 | 266  | 8478     | 1.564 | ng    | 97       |
| 71) Phenanthrene              | 11.451 | 178  | 123093   | 2.841 | ng    | 98       |
| 72) Anthracene                | 11.504 | 178  | 120600   | 2.709 | ng    | 97       |
| 73) Carbazole                 | 11.651 | 167  | 105005   | 2.629 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 81014    | 1.929 | ng    | 99       |
| 75) Fluoranthene              | 12.639 | 202  | 120227   | 2.776 | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 11276    | 1.034 | ng    | 99       |
| 78) Pyrene                    | 12.869 | 202  | 124687   | 2.334 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 17539    | 4.698 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 95465    | 2.456 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 15218    | 1.684 | ng    | 100      |
| 83) Chrysene                  | 14.092 | 228  | 95008    | 2.626 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 19668    | 5.120 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.669 | 149  | 28591    | 8.493 | ng #  | 92       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.057 | 276  | 55504    | 1.909 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.116 | 252  | 63032    | 2.490 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 56393    | 2.434 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 50045    | 2.206 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 45288    | 1.885 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 46495    | 1.950 | ng    | 97       |

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

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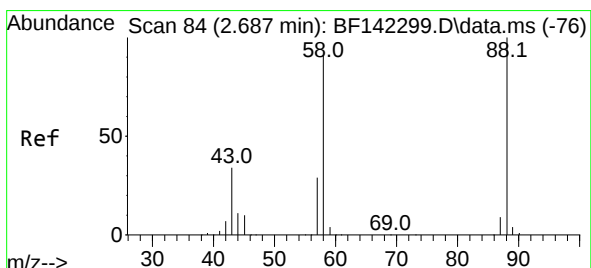
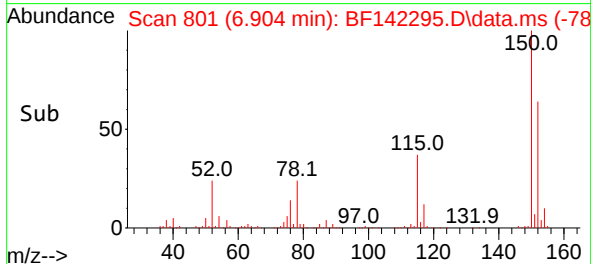
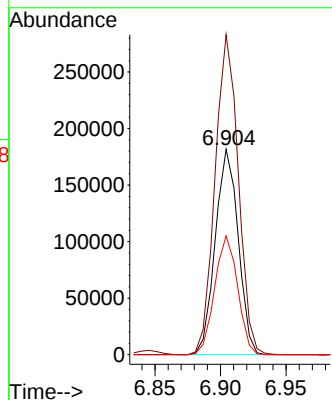
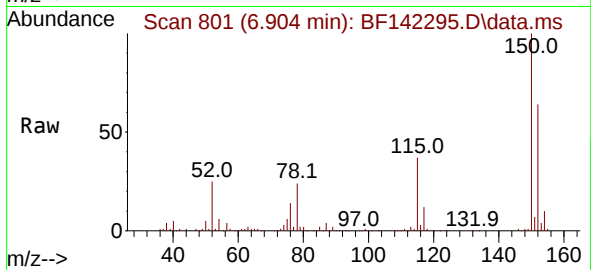




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 801  
 Delta R.T. 0.000 min  
 Lab File: BF142295.D  
 Acq: 05 May 2025 13:54

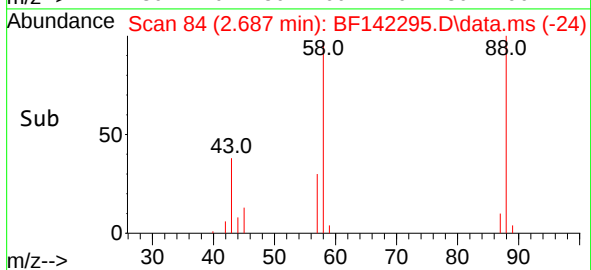
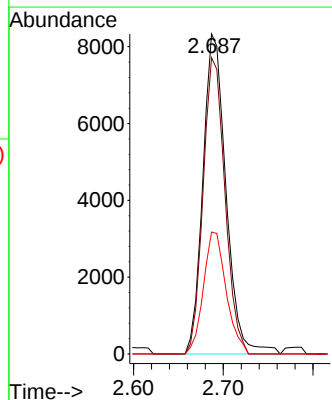
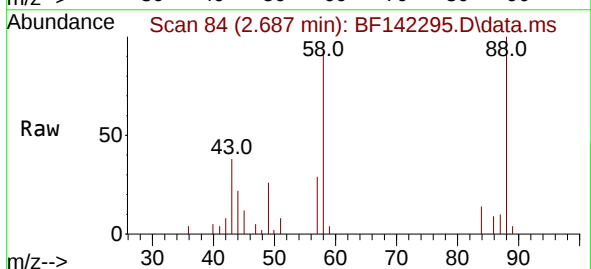
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

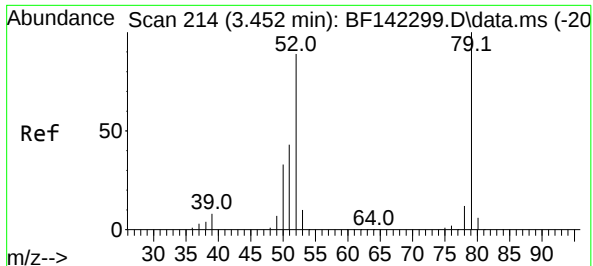
Tgt Ion:152 Resp: 220458  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 126.6 190.0  
 115 57.9 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 2.558 ng  
 RT: 2.687 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BF142295.D  
 Acq: 05 May 2025 13:54

Tgt Ion: 88 Resp: 14879  
 Ion Ratio Lower Upper  
 88 100  
 58 87.3 73.0 109.4  
 43 37.5 27.8 41.6





#3

Pyridine

Concen: 1.676 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

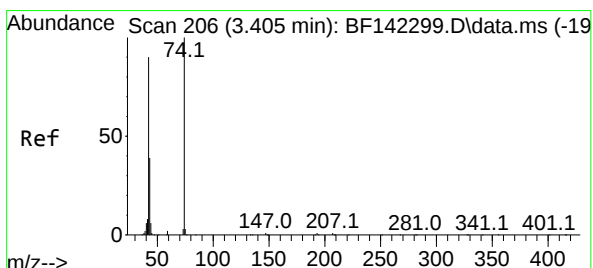
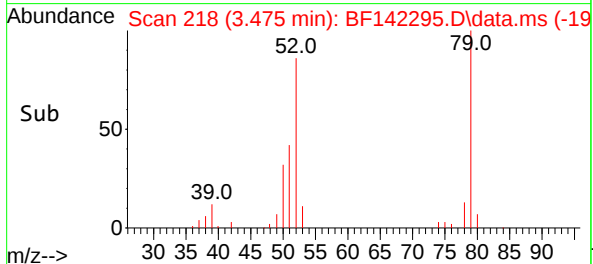
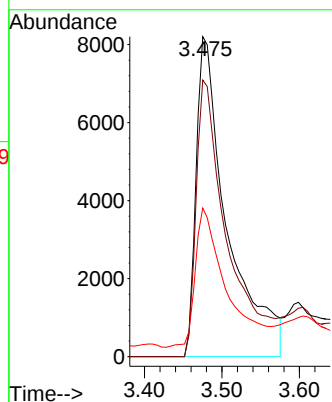
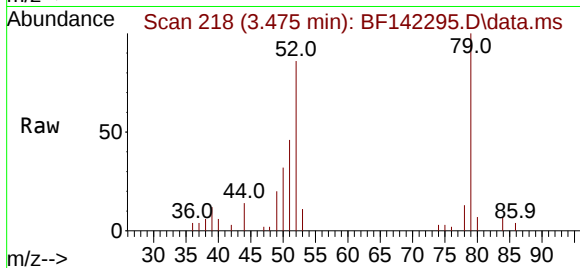
Tgt Ion: 79 Resp: 22913

Ion Ratio Lower Upper

79 100

52 86.4 71.0 106.4

51 46.4 34.9 52.3



#4

n-Nitrosodimethylamine

Concen: 2.377 ng

RT: 3.387 min Scan# 203

Delta R.T. -0.018 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

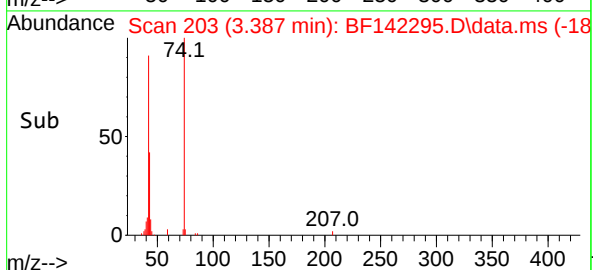
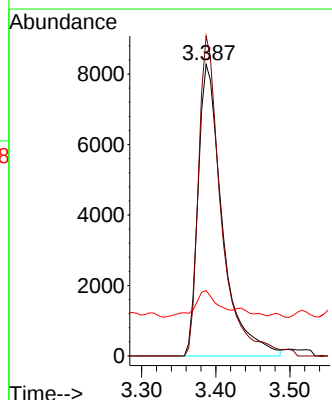
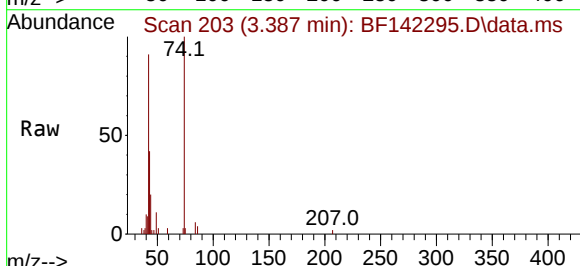
Tgt Ion: 42 Resp: 18863

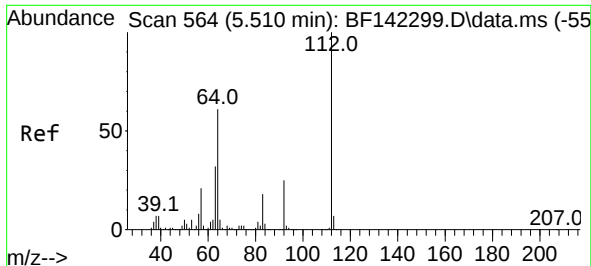
Ion Ratio Lower Upper

42 100

74 109.8 88.5 132.7

44 22.5 5.8 8.8#

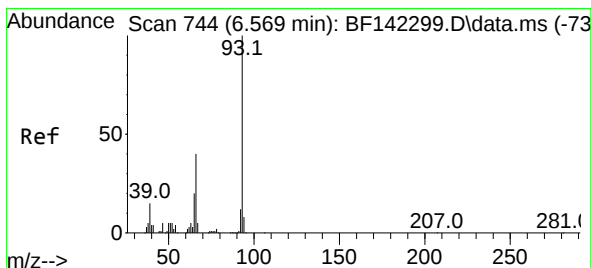
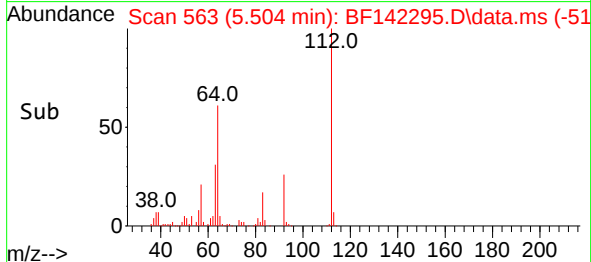
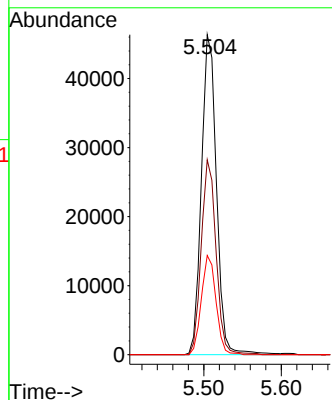
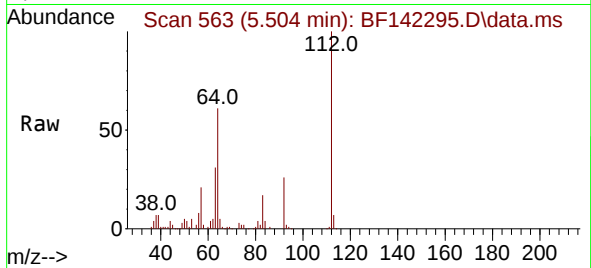




#5  
2-Fluorophenol  
Concen: 4.847 ng  
RT: 5.504 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

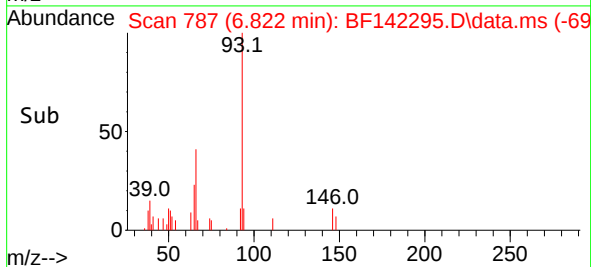
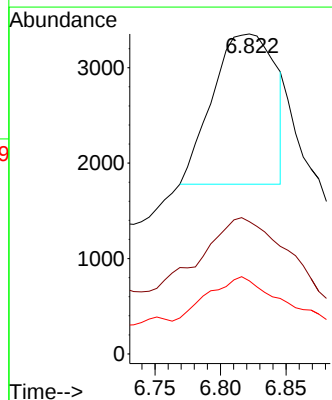
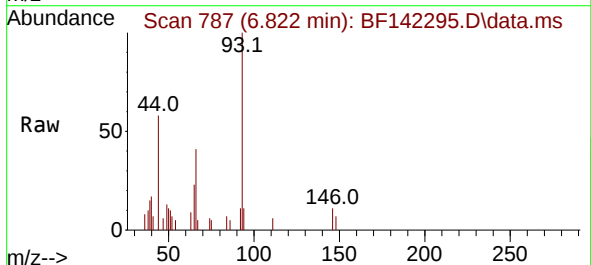
Instrument :  
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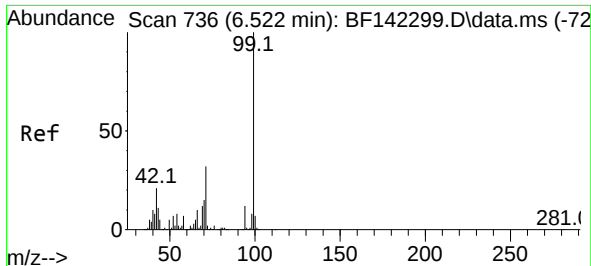
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|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 62595 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 60.9  | 48.9  | 73.3  |
| 63        | 31.0  | 25.6  | 38.4  |



#6  
Aniline  
Concen: 0.334 ng  
RT: 6.822 min Scan# 787  
Delta R.T. 0.253 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 93    | Resp: | 5210 |
| Ion Ratio | Lower | Upper |      |
| 93        | 100   |       |      |
| 66        | 41.4  | 32.2  | 48.4 |
| 65        | 22.8  | 16.3  | 24.5 |





#7

Phenol-d6

Concen: 4.945 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

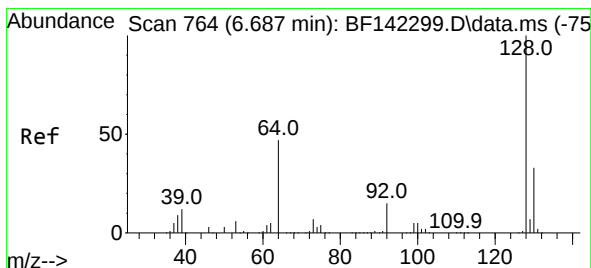
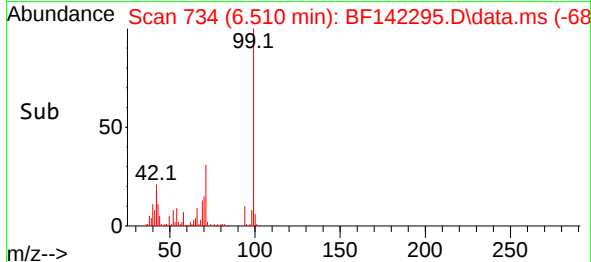
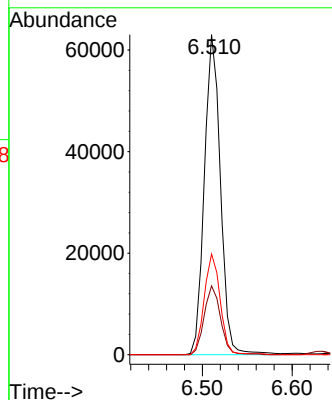
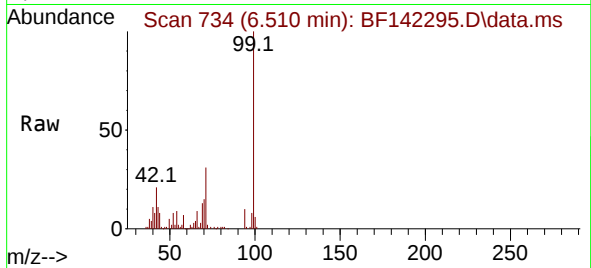
Tgt Ion: 99 Resp: 78538

Ion Ratio Lower Upper

99 100

42 21.5 17.0 25.4

71 31.5 25.8 38.8



#8

2-Chlorophenol

Concen: 2.151 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

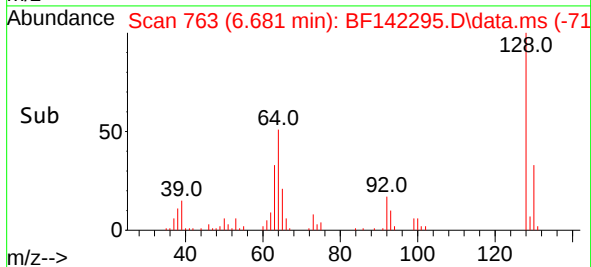
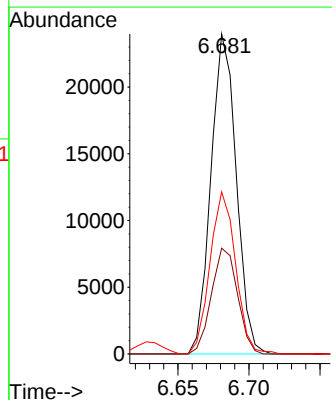
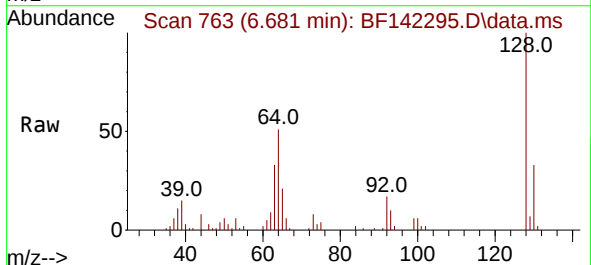
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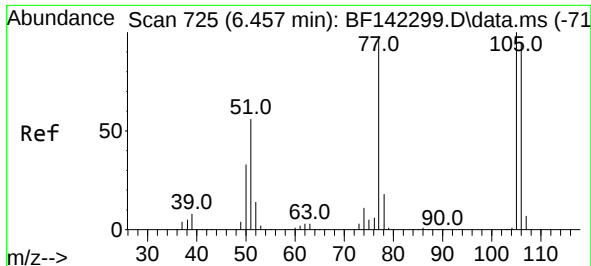
Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

64 50.7 29.2 69.2





#9

Benzaldehyde

Concen: 3.003 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

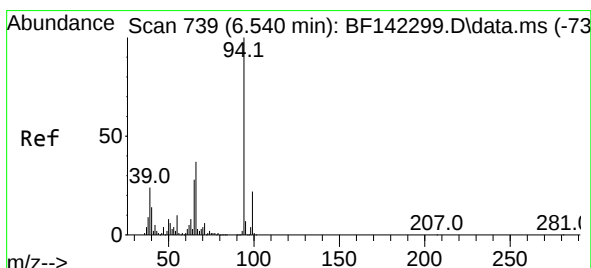
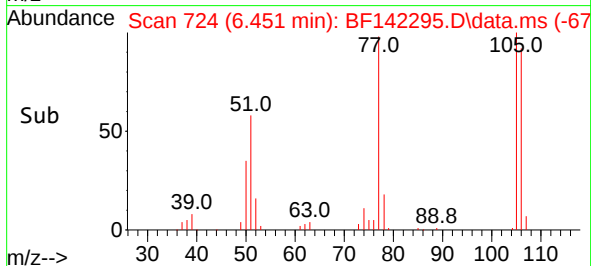
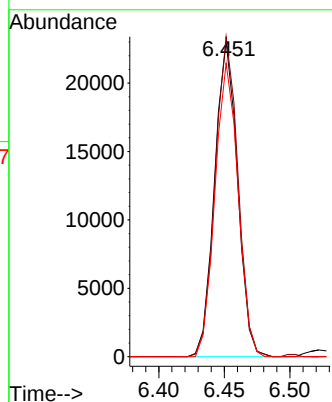
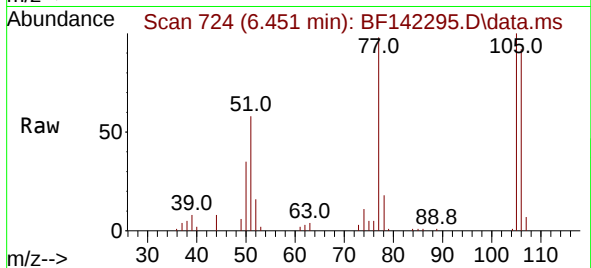
Tgt Ion: 77 Resp: 27918

Ion Ratio Lower Upper

77 100

105 101.6 82.0 122.0

106 93.2 77.2 117.2



#10

Phenol

Concen: 2.477 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.018 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

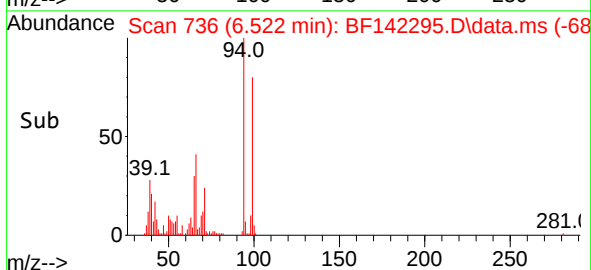
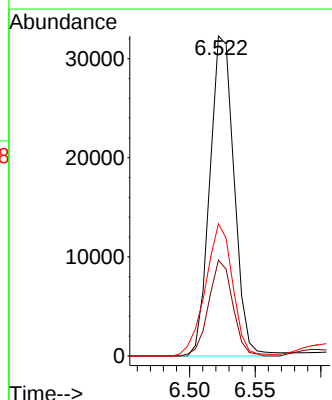
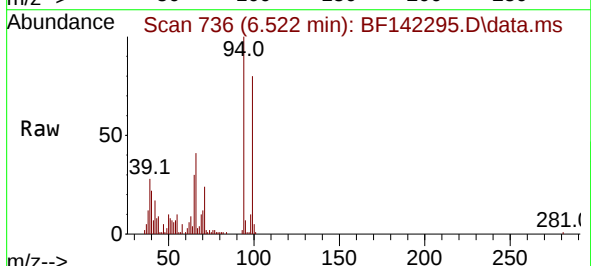
Tgt Ion: 94 Resp: 41699

Ion Ratio Lower Upper

94 100

65 30.0 8.5 48.5

66 41.3 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 2.887 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

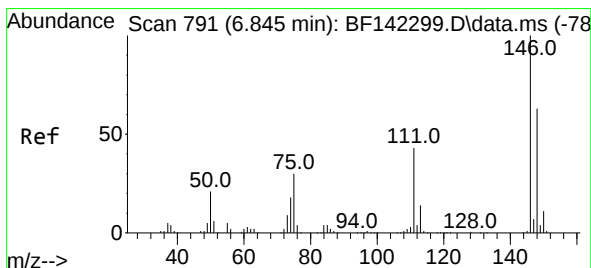
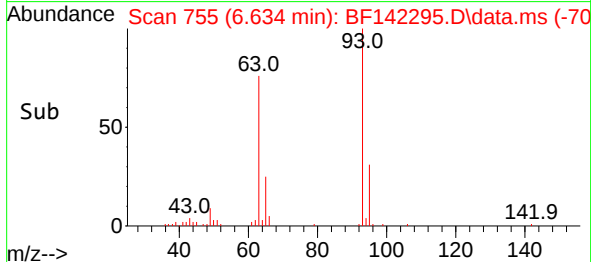
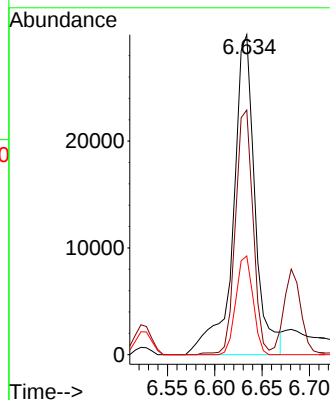
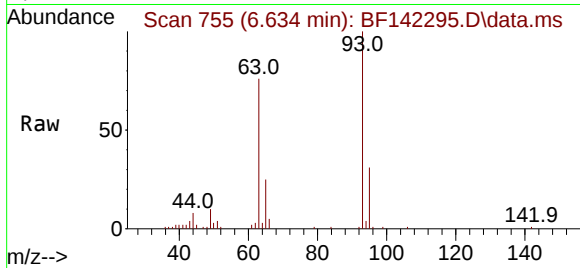
BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 93 Resp: 47941

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 76.4  | 58.4  | 98.4  |
| 95  | 30.9  | 10.6  | 50.6  |



#12

1,3-Dichlorobenzene

Concen: 2.586 ng

RT: 6.845 min Scan# 791

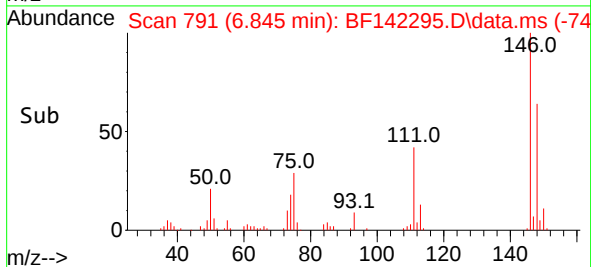
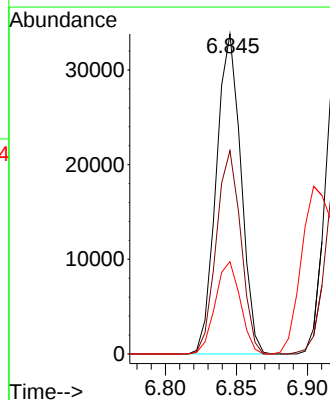
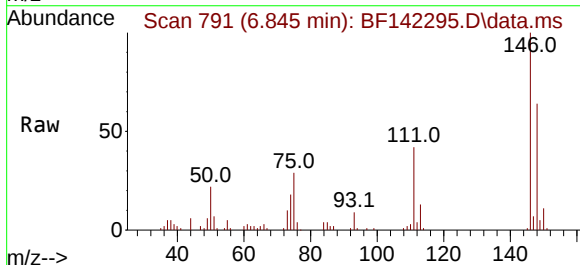
Delta R.T. -0.000 min

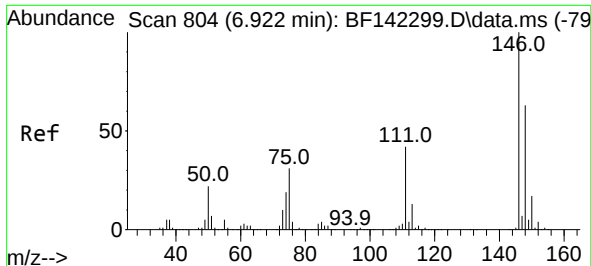
Lab File: BF142295.D

Acq: 05 May 2025 13:54

Tgt Ion: 146 Resp: 40830

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.6  | 50.6  | 76.0  |
| 75  | 28.8  | 24.2  | 36.4  |





#13

1,4-Dichlorobenzene

Concen: 2.627 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

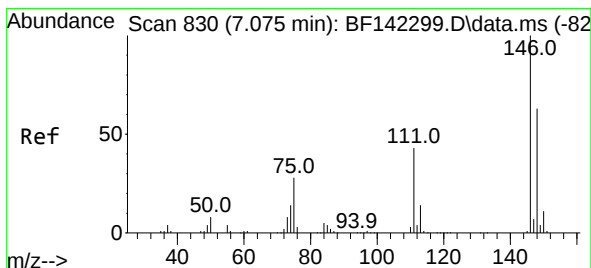
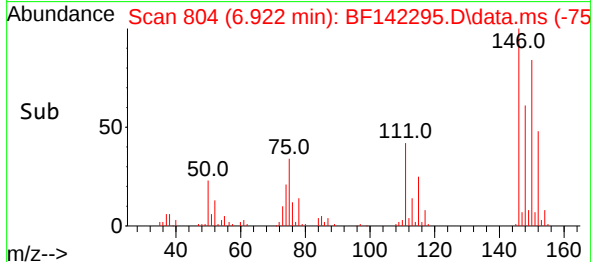
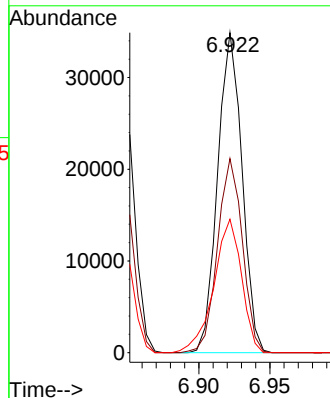
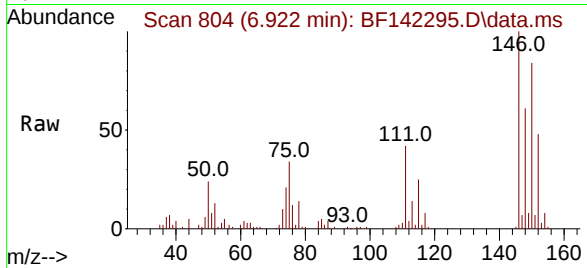
Tgt Ion:146 Resp: 41640

Ion Ratio Lower Upper

146 100

148 60.7 50.5 75.7

111 41.7 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 2.600 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

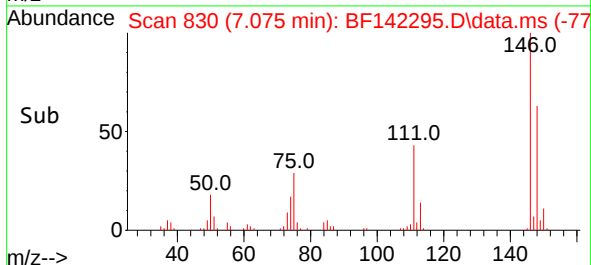
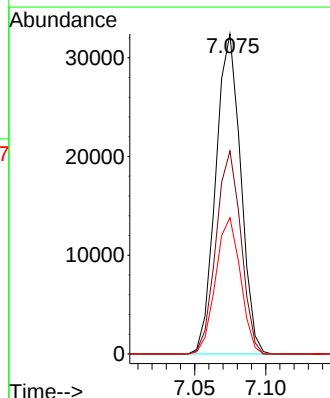
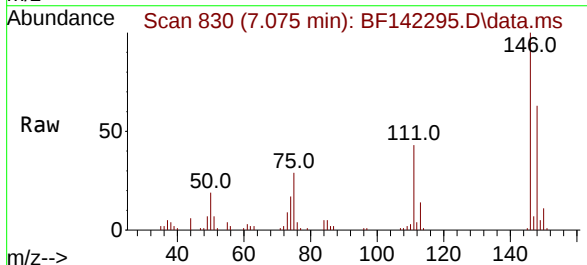
Tgt Ion:146 Resp: 39560

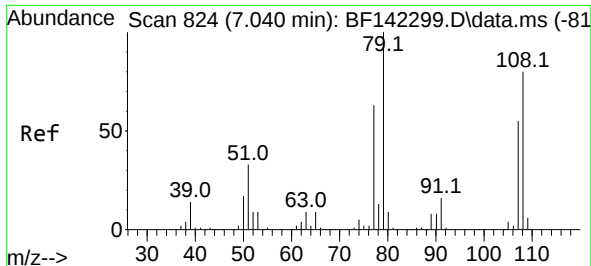
Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

111 42.6 34.5 51.7

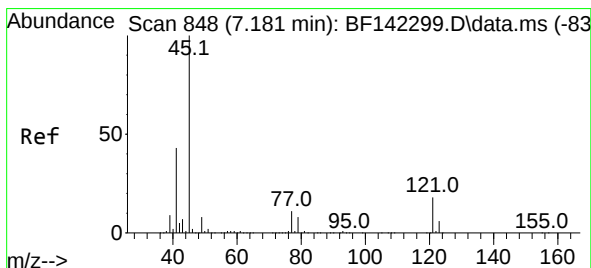
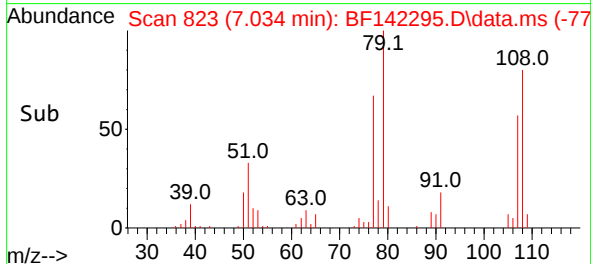
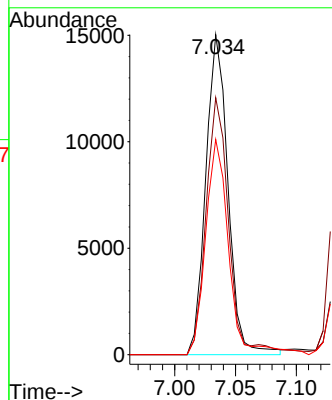
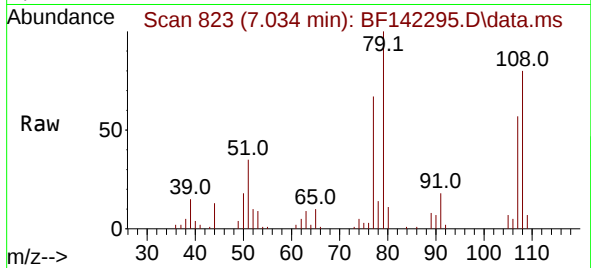




#15  
Benzyl Alcohol  
Concen: 1.848 ng  
RT: 7.034 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

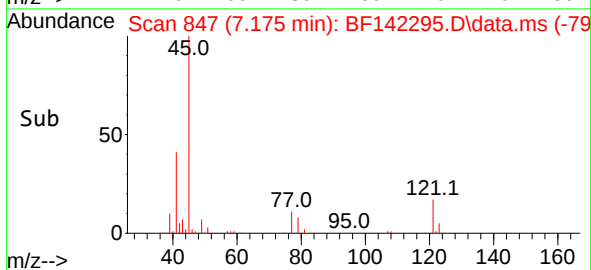
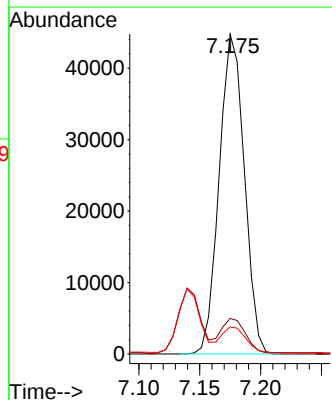
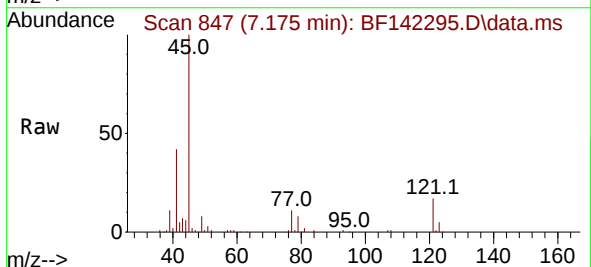
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

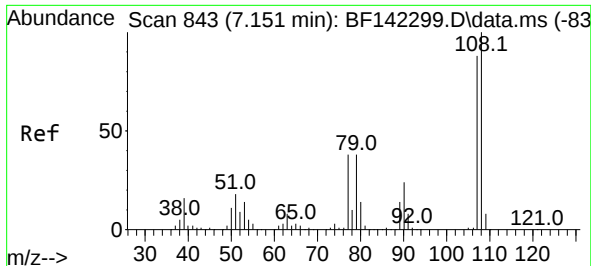
Tgt Ion: 79 Resp: 19006  
Ion Ratio Lower Upper  
79 100  
108 80.3 63.9 95.9  
77 67.2 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 2.594 ng  
RT: 7.175 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion: 45 Resp: 64319  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 31.2  
79 8.5 0.0 28.5

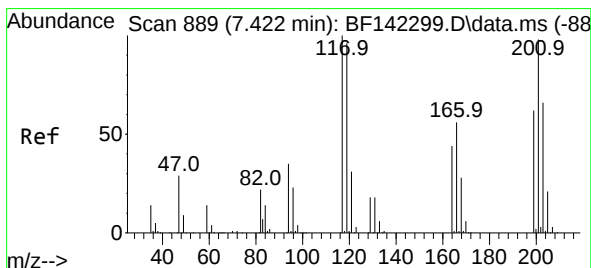
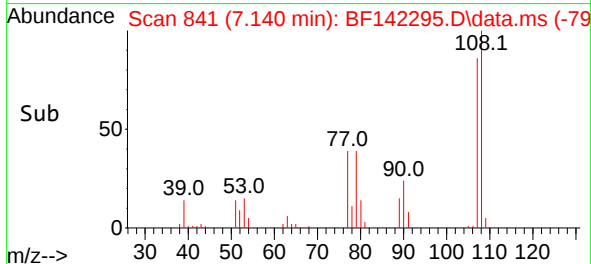
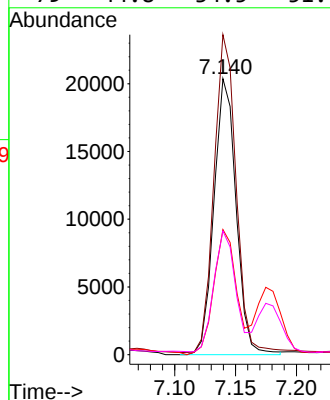
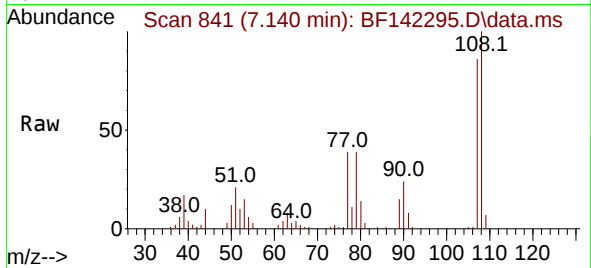




#17  
2-Methylphenol  
Concen: 2.303 ng  
RT: 7.140 min Scan# 841  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

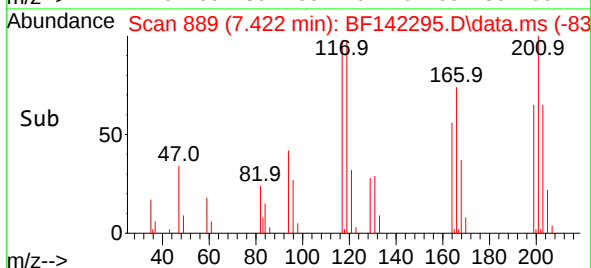
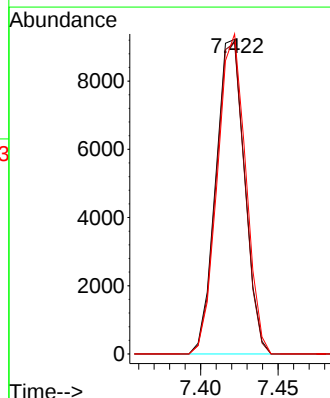
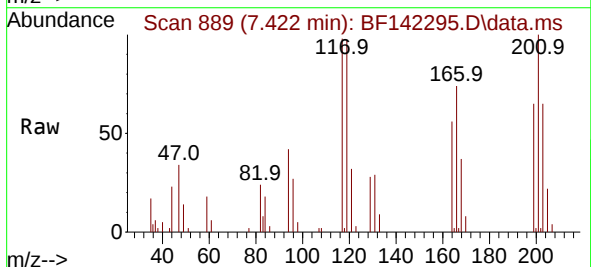
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

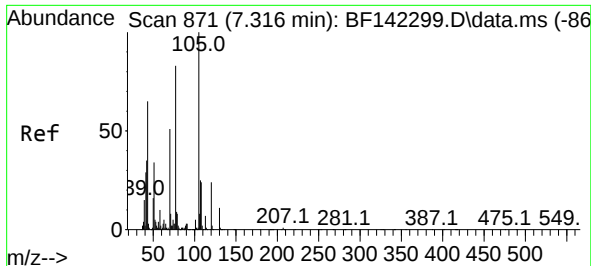
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:107 | Resp: | 25733       |
| Ion         | Ratio | Lower Upper |
| 107         | 100   |             |
| 108         | 115.9 | 91.1 136.7  |
| 77          | 45.3  | 34.7 52.1   |
| 79          | 44.8  | 34.5 51.7   |



#18  
Hexachloroethane  
Concen: 2.263 ng  
RT: 7.422 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 11936       |
| Ion         | Ratio | Lower Upper |
| 117         | 100   |             |
| 119         | 99.0  | 76.9 115.3  |
| 201         | 101.7 | 78.0 117.0  |

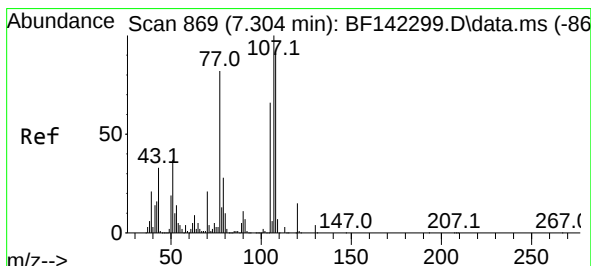
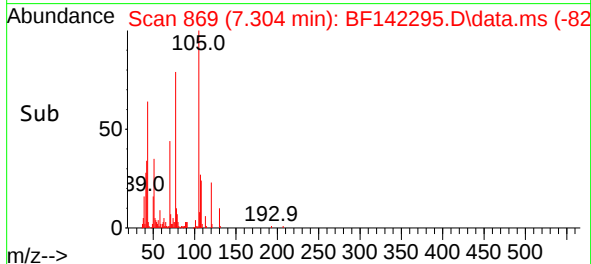
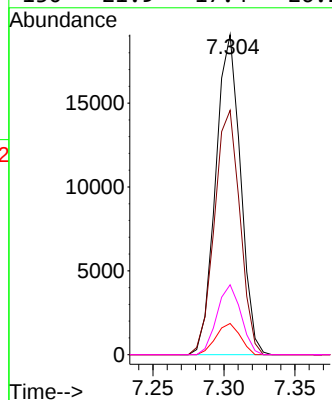
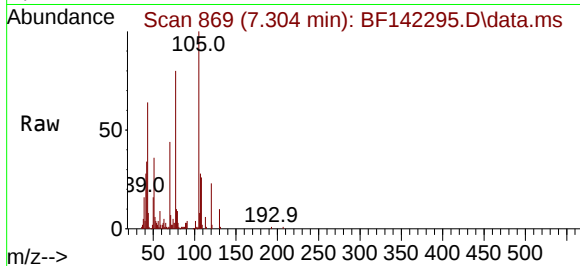




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.356 ng  
RT: 7.304 min Scan# 810  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

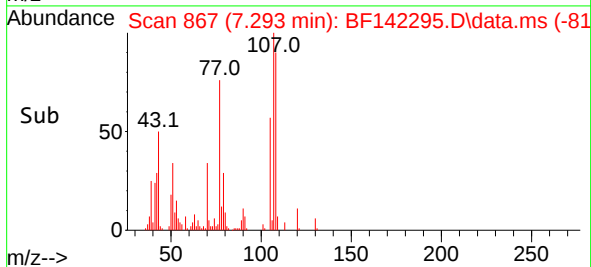
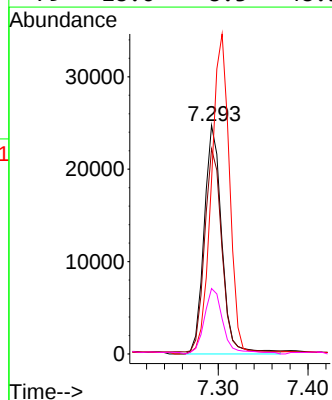
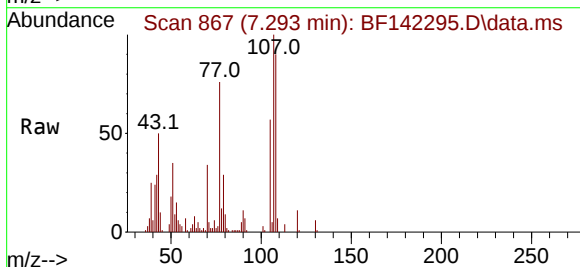
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

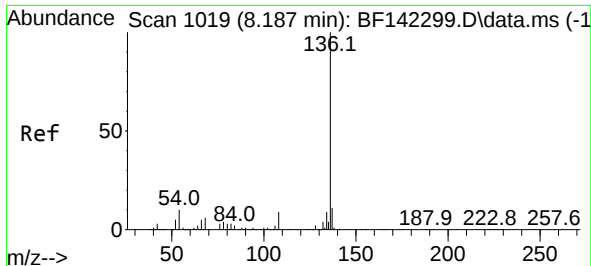
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 23149 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 76.4  | 54.8  | 82.2  |
| 101      | 9.7   | 7.7   | 11.5  |
| 130      | 21.9  | 17.4  | 26.2  |



#20  
3+4-Methylphenols  
Concen: 2.434 ng  
RT: 7.293 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 33947 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 89.8  | 71.5  | 111.5 |
| 77       | 76.0  | 61.6  | 101.6 |
| 79       | 28.6  | 8.3   | 48.3  |

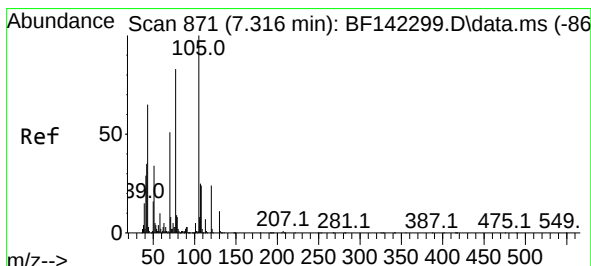
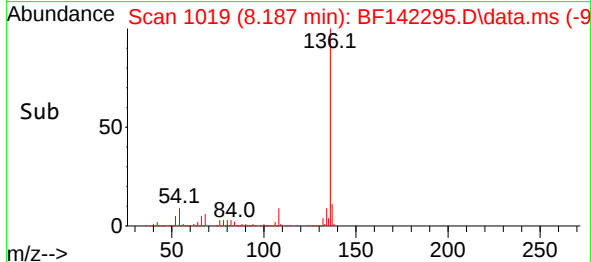
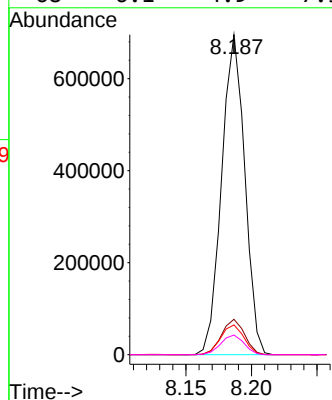
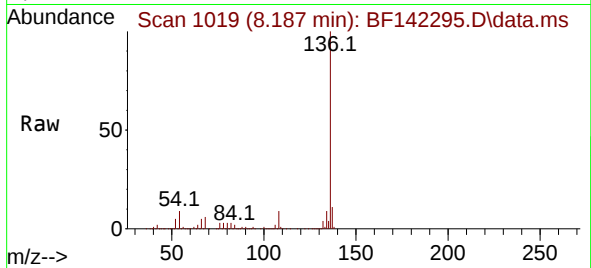




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

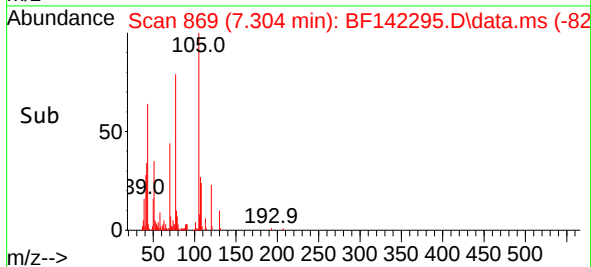
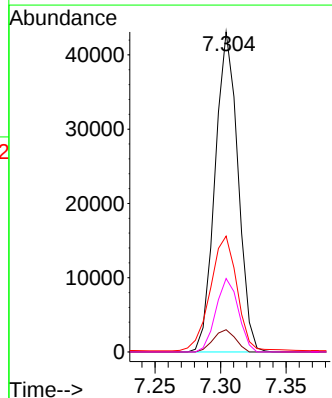
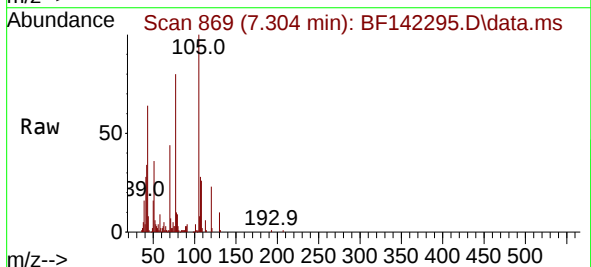
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

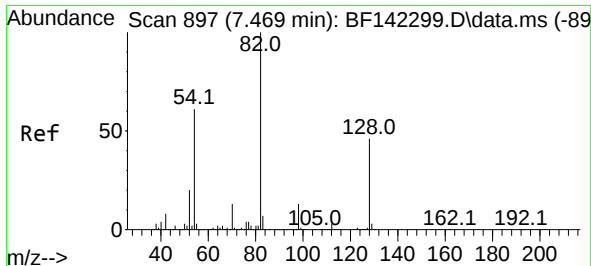
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 851705 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.0    | 8.9 13.3     |
| 54 9.3      | 7.7 11.5     |
| 68 6.1      | 4.9 7.3      |



#22  
Acetophenone  
Concen: 2.761 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:105 | Resp: | 52279 |
| Ion | Ratio   | Lower | Upper |
| 105 | 100     |       |       |
| 71  | 7.0     | 6.7   | 10.1  |
| 51  | 36.2    | 27.6  | 41.4  |
| 120 | 22.9    | 19.1  | 28.7  |

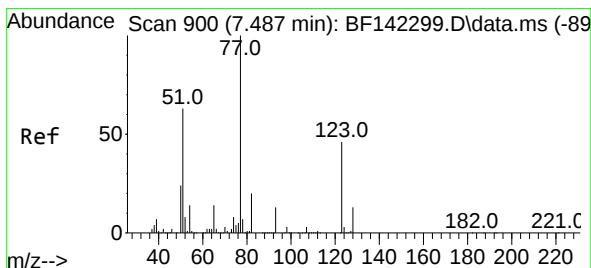
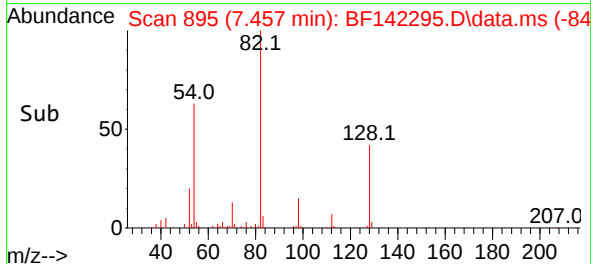
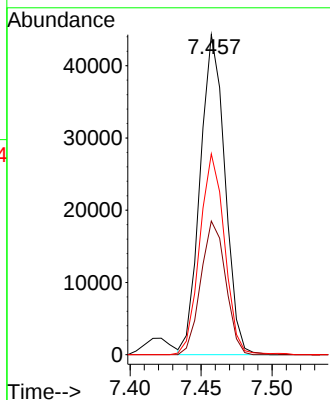
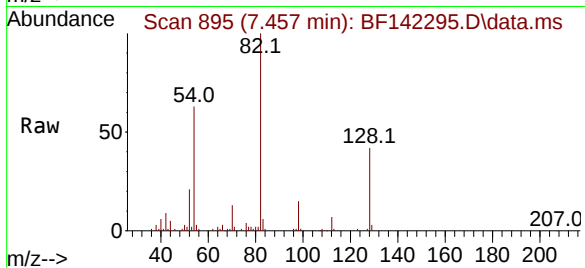




#23  
Nitrobenzene-d5  
Concen: 3.852 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

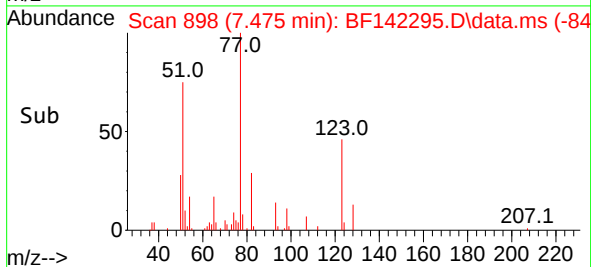
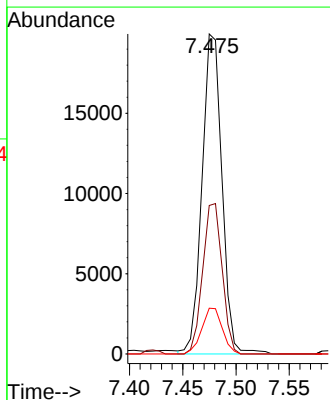
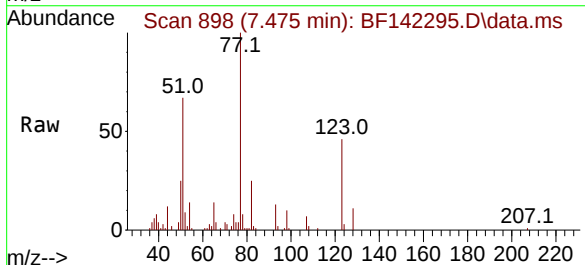
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

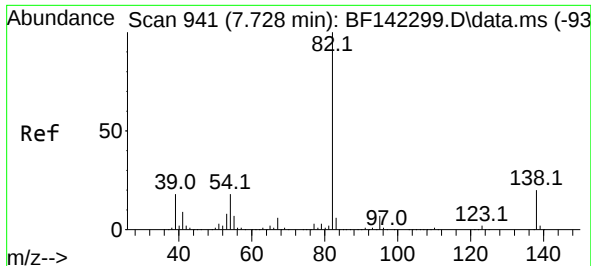
Tgt Ion: 82 Resp: 53794  
Ion Ratio Lower Upper  
82 100  
128 41.8 37.0 55.6  
54 62.7 48.6 73.0



#24  
Nitrobenzene  
Concen: 1.976 ng  
RT: 7.475 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion: 77 Resp: 26010  
Ion Ratio Lower Upper  
77 100  
123 46.4 37.8 56.8  
65 14.3 11.4 17.0

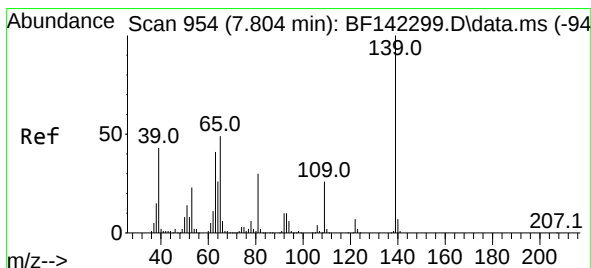
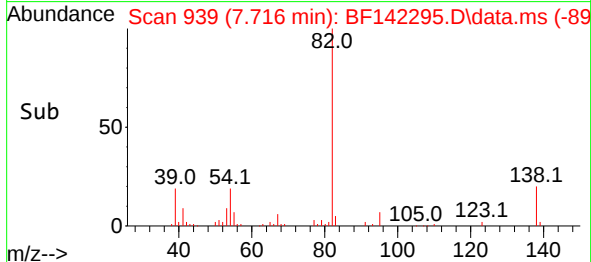
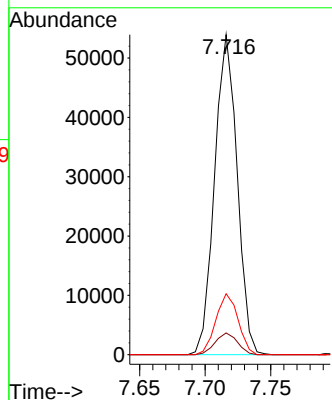
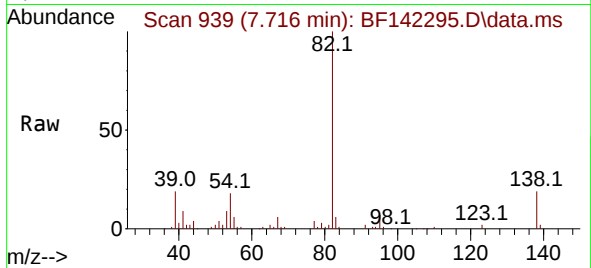




#25  
Isophorone  
Concen: 2.433 ng  
RT: 7.716 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

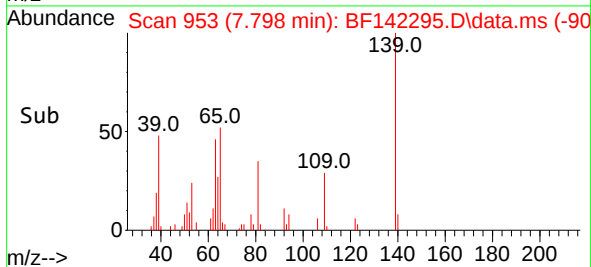
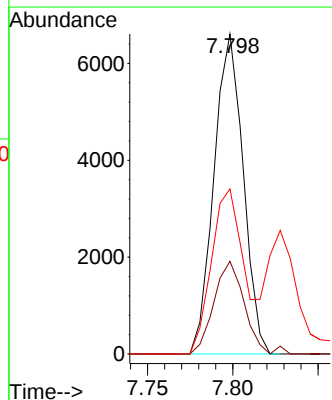
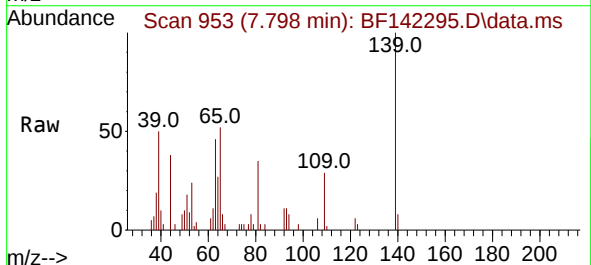
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

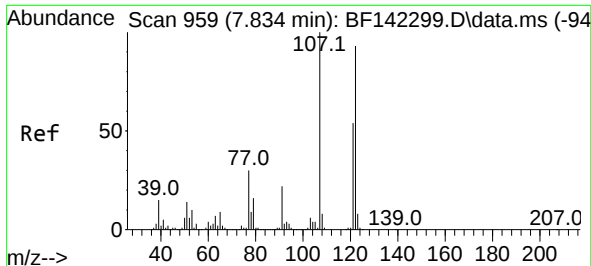
Tgt Ion: 82 Resp: 64352  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.8 8.8  
138 19.1 16.1 24.1



#26  
2-Nitrophenol  
Concen: 5.222 ng  
RT: 7.798 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion: 139 Resp: 7870  
Ion Ratio Lower Upper  
139 100  
109 29.0 20.8 31.2  
65 51.6 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 2.666 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

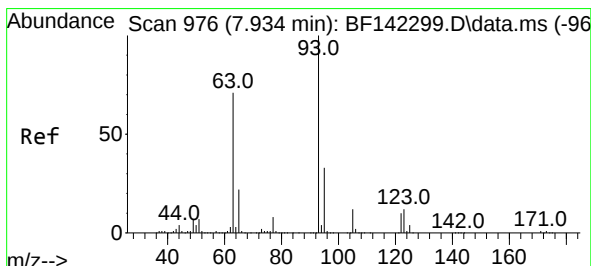
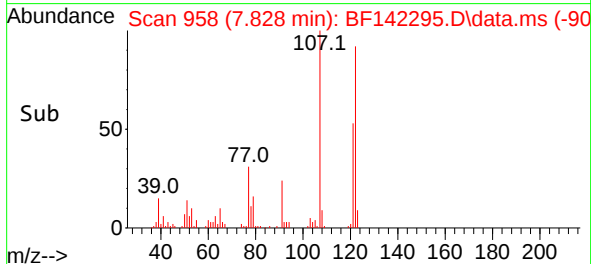
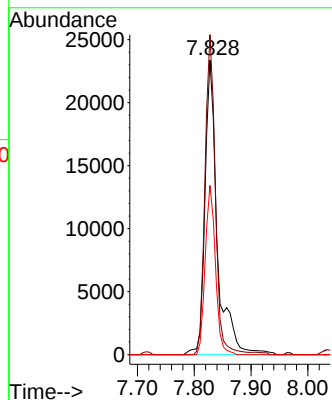
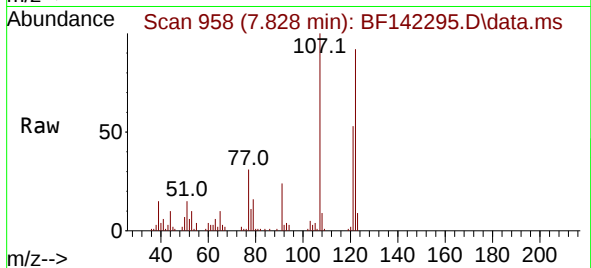
Tgt Ion:122 Resp: 35451

Ion Ratio Lower Upper

122 100

107 108.7 86.0 129.0

121 57.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 2.556 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

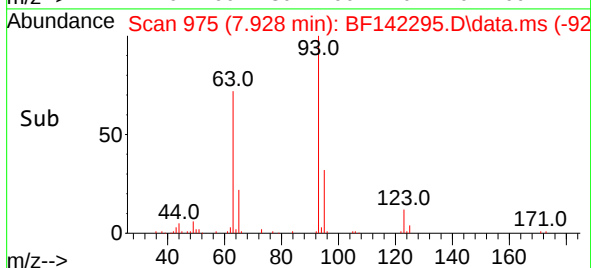
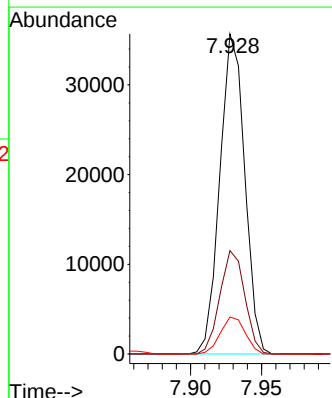
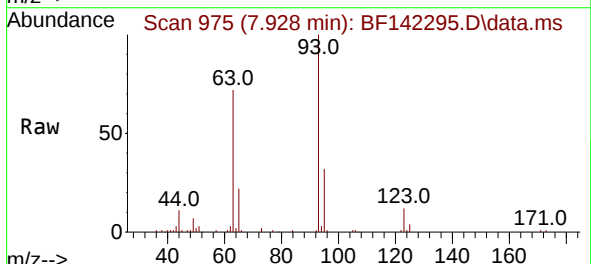
Tgt Ion: 93 Resp: 43459

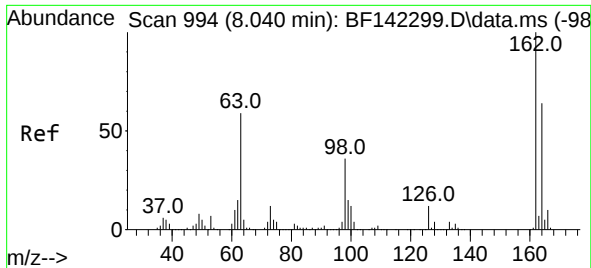
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 11.6 10.2 15.4

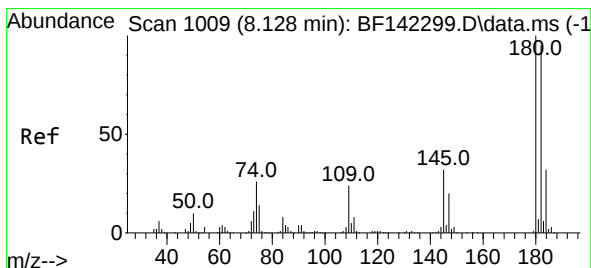
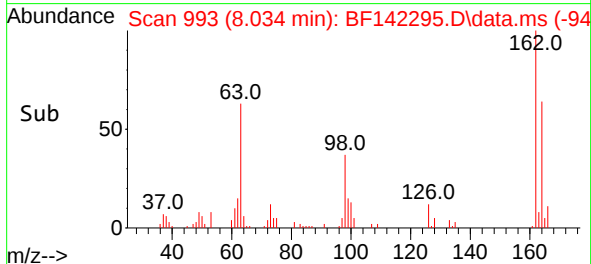
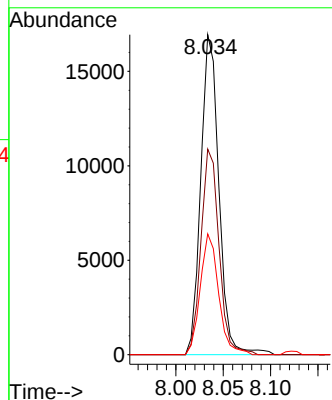
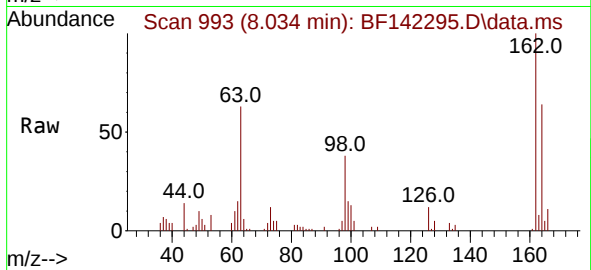




#29  
2,4-Dichlorophenol  
Concen: 1.997 ng  
RT: 8.034 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

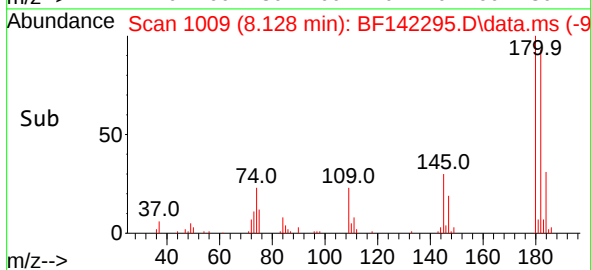
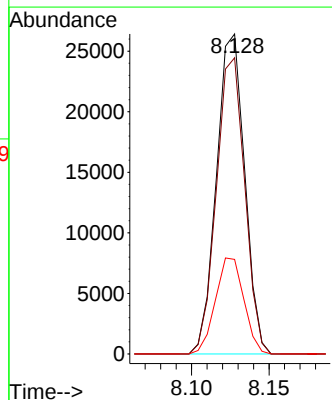
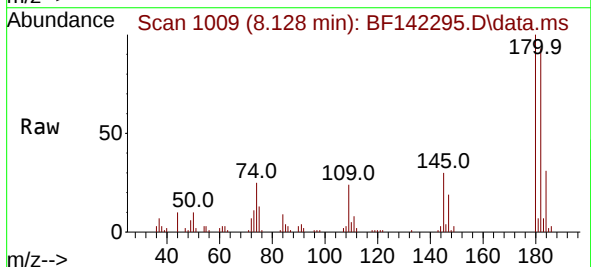
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

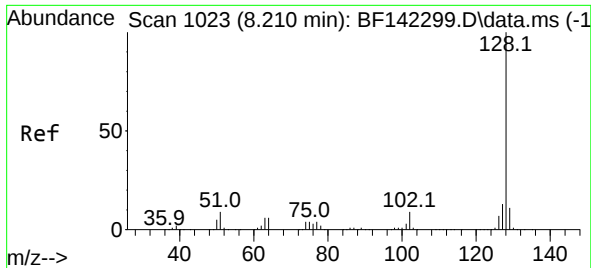
Tgt Ion:162 Resp: 22574  
Ion Ratio Lower Upper  
162 100  
164 64.3 43.6 83.6  
98 37.7 16.5 56.5



#30  
1,2,4-Trichlorobenzene  
Concen: 2.631 ng  
RT: 8.128 min Scan# 1009  
Delta R.T. 0.000 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:180 Resp: 33469  
Ion Ratio Lower Upper  
180 100  
182 92.6 76.2 114.4  
145 29.6 25.8 38.6

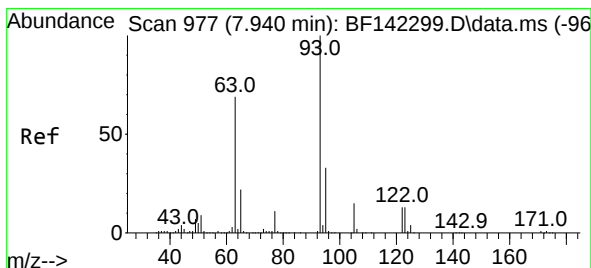
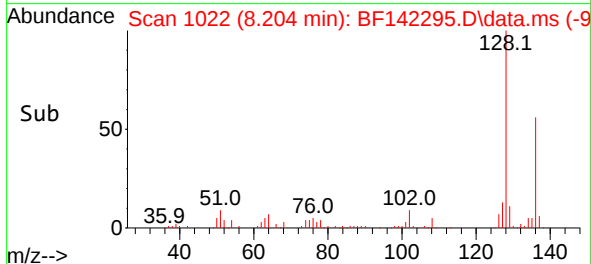
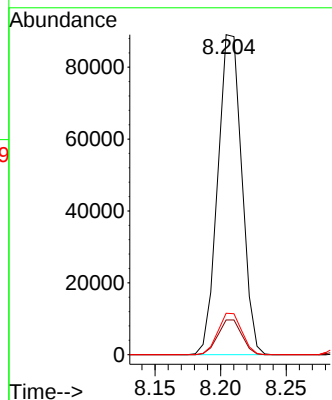
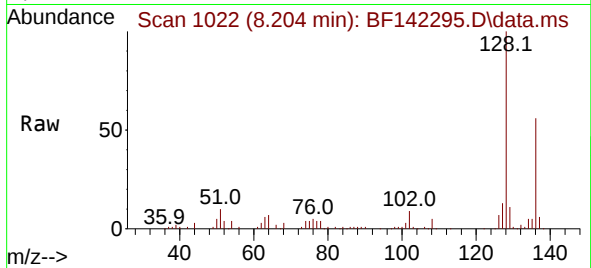




#31  
Naphthalene  
Concen: 2.745 ng  
RT: 8.204 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

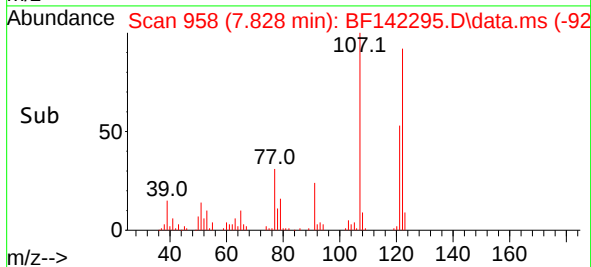
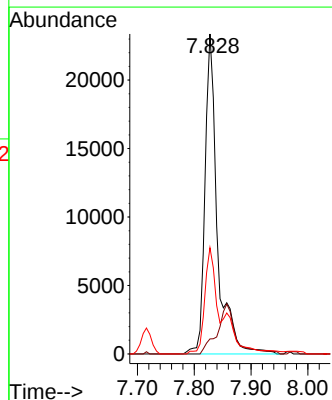
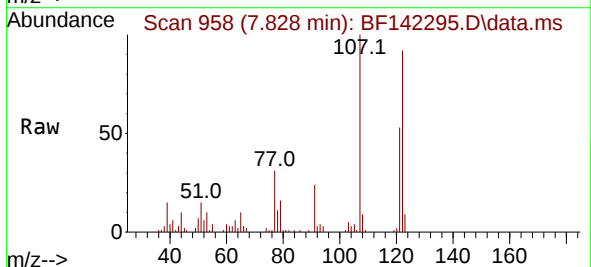
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

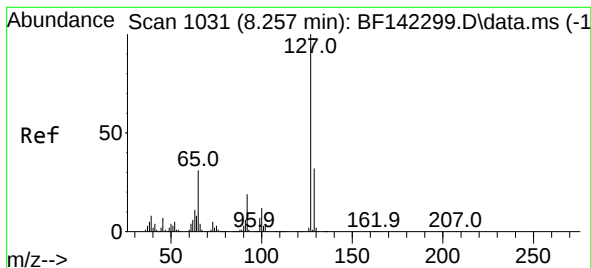
Tgt Ion:128 Resp: 113325  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 12.9 10.5 15.7



#32  
Benzoic acid  
Concen: 11.040 ng  
RT: 7.828 min Scan# 958  
Delta R.T. -0.112 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:122 Resp: 35451  
Ion Ratio Lower Upper  
122 100  
105 4.7 97.9 137.9#  
77 33.2 67.7 107.7#





#33

4-Chloroaniline

Concen: 1.999 ng

RT: 8.322 min Scan# 1042

Delta R.T. 0.065 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:127 Resp: 33602

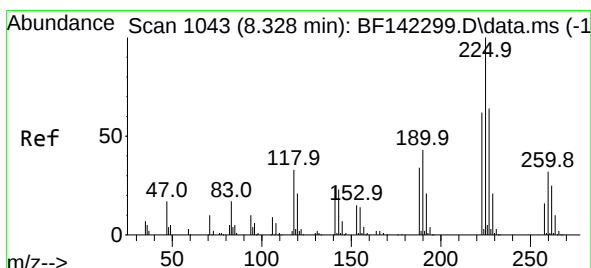
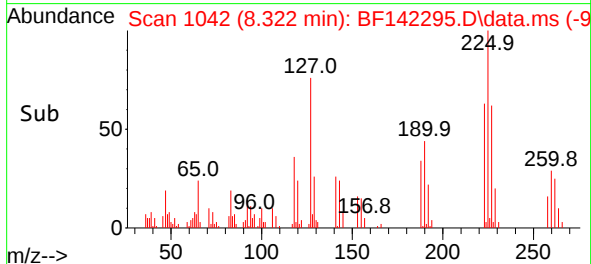
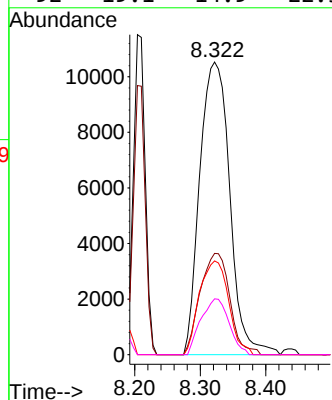
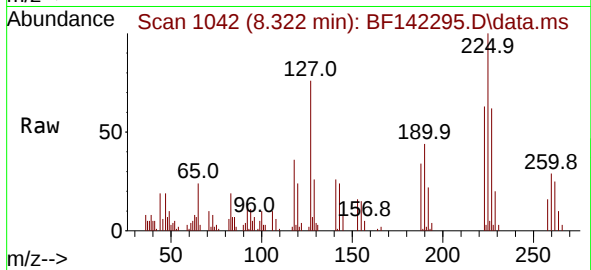
Ion Ratio Lower Upper

127 100

129 34.6 25.7 38.5

65 32.0 24.9 37.3

92 19.1 14.9 22.3



#34

Hexachlorobutadiene

Concen: 2.676 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

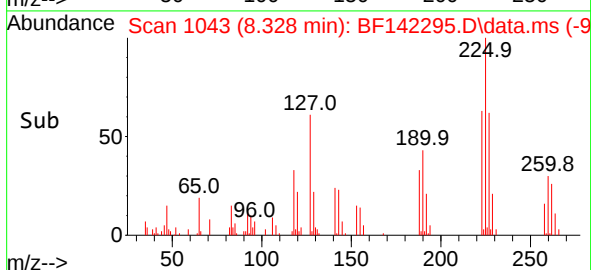
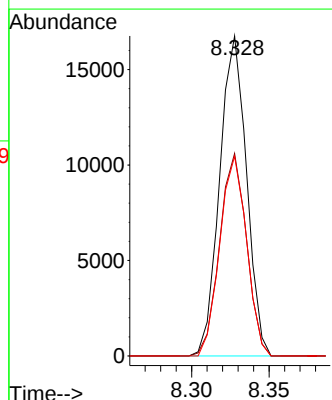
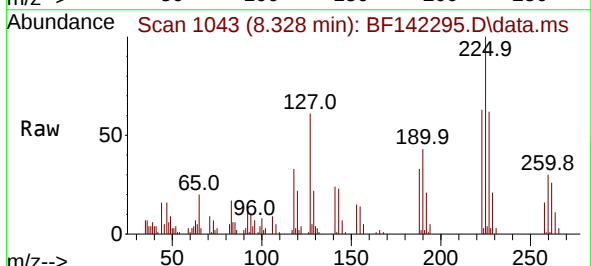
Tgt Ion:225 Resp: 20161

Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.6

227 62.4 50.9 76.3

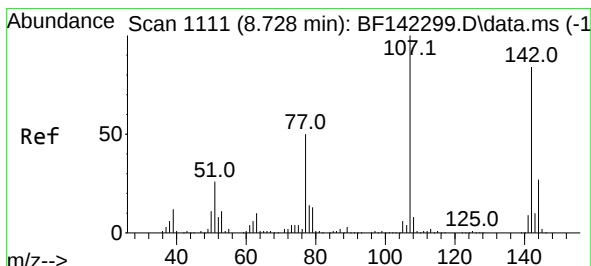
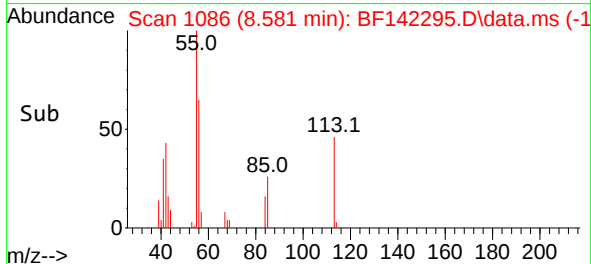
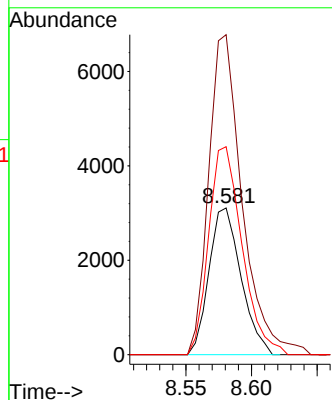
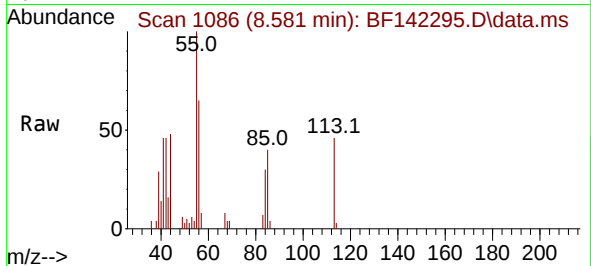




#35  
 Caprolactam  
 Concen: 1.606 ng  
 RT: 8.581 min Scan# 1108  
 Delta R.T. -0.041 min  
 Lab File: BF142295.D  
 Acq: 05 May 2025 13:54

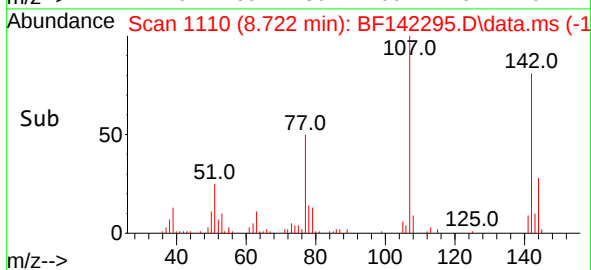
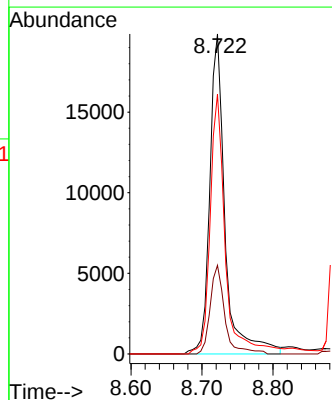
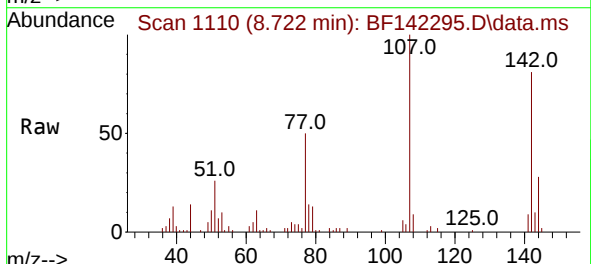
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

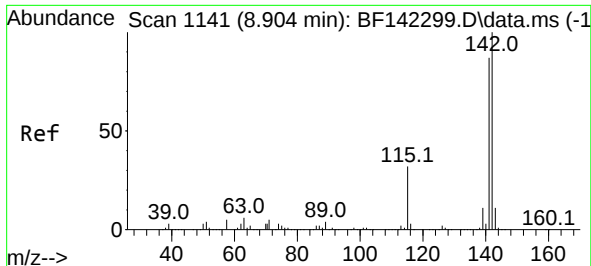
Tgt Ion:113 Resp: 5280  
 Ion Ratio Lower Upper  
 113 100  
 55 218.0 176.4 216.4#  
 56 141.7 120.3 160.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 2.528 ng  
 RT: 8.722 min Scan# 1110  
 Delta R.T. -0.006 min  
 Lab File: BF142295.D  
 Acq: 05 May 2025 13:54

Tgt Ion:107 Resp: 29704  
 Ion Ratio Lower Upper  
 107 100  
 144 27.7 21.3 31.9  
 142 81.2 66.9 100.3





#37

2-Methylnaphthalene

Concen: 2.700 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

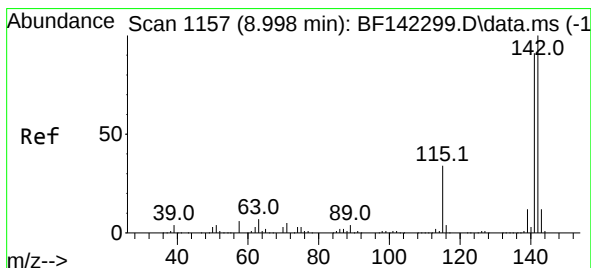
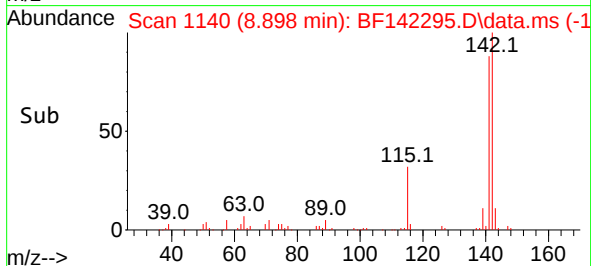
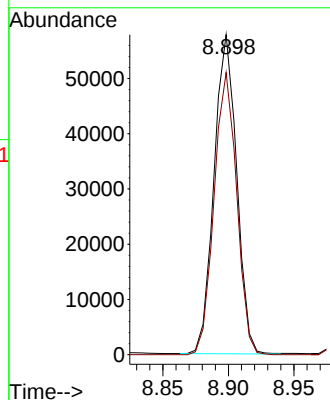
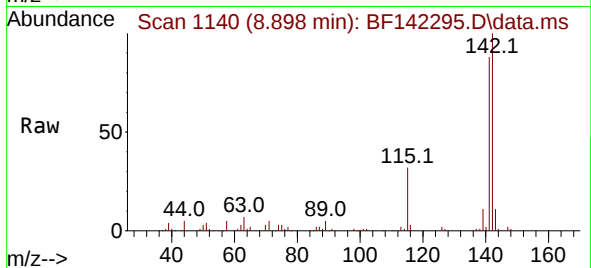
SSTDICC2.5

Tgt Ion:142 Resp: 69259

Ion Ratio Lower Upper

142 100

141 88.1 69.4 104.2



#38

1-Methylnaphthalene

Concen: 2.721 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142295.D

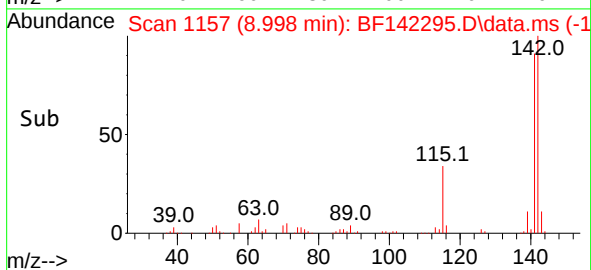
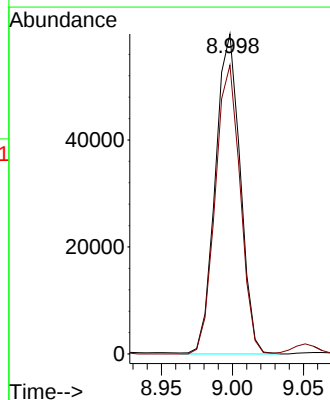
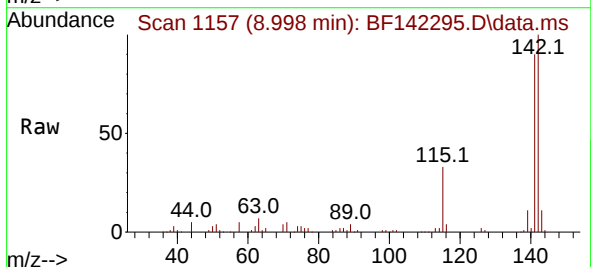
Acq: 05 May 2025 13:54

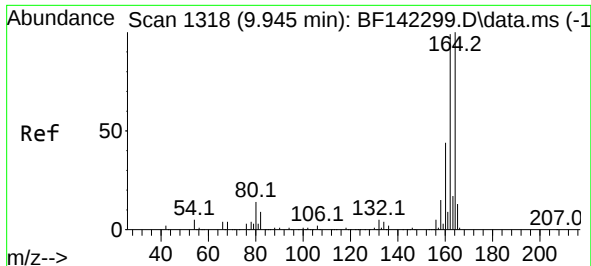
Tgt Ion:142 Resp: 72746

Ion Ratio Lower Upper

142 100

141 90.3 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

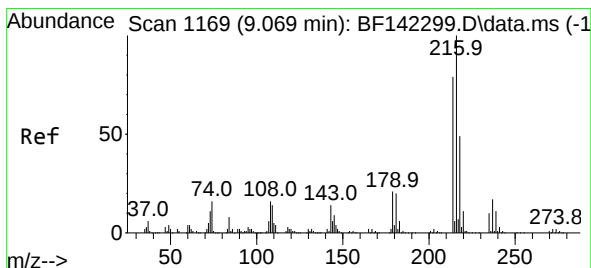
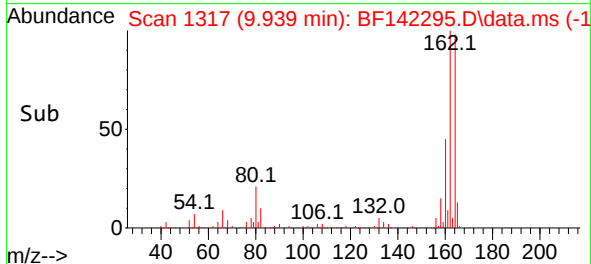
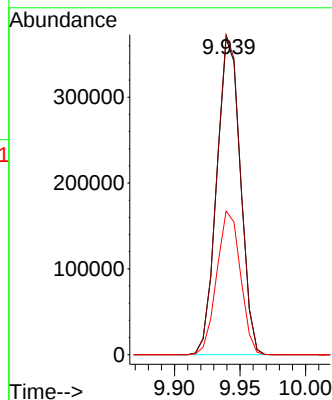
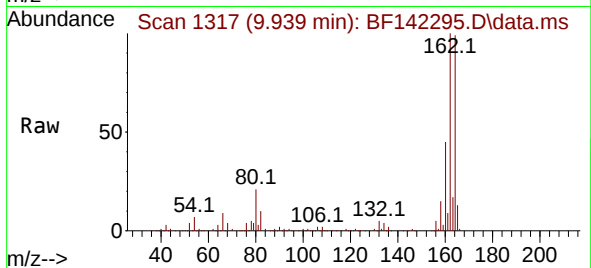
Tgt Ion:164 Resp: 461090

Ion Ratio Lower Upper

164 100

162 101.2 79.2 118.8

160 45.4 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.610 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Tgt Ion:216 Resp: 33613

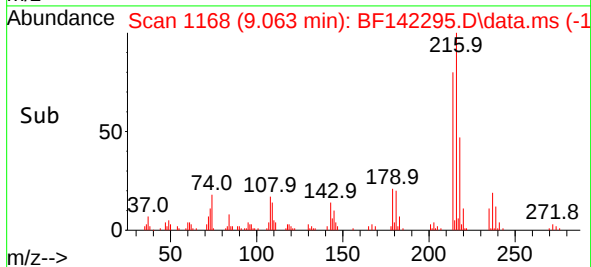
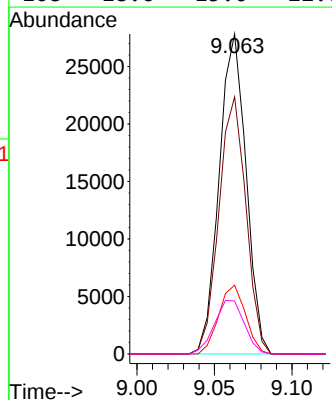
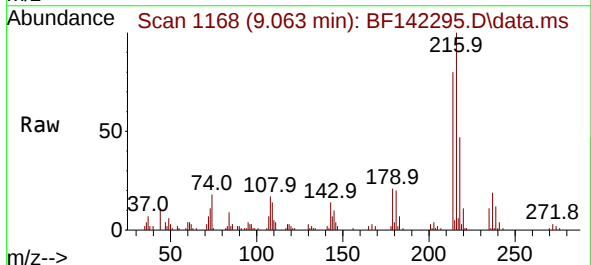
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.6

179 21.4 17.0 25.6

108 18.6 15.0 22.6

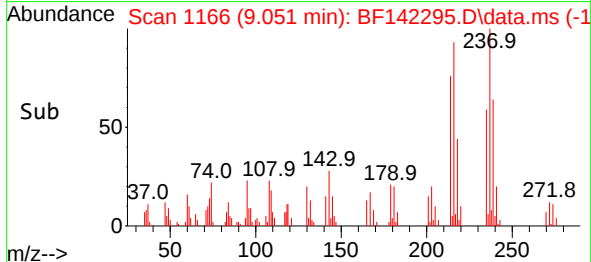
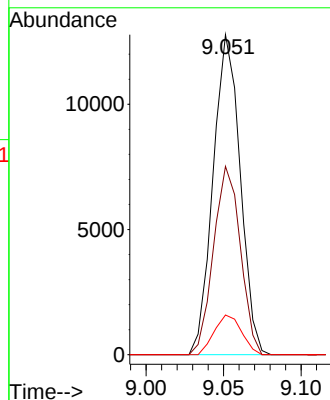
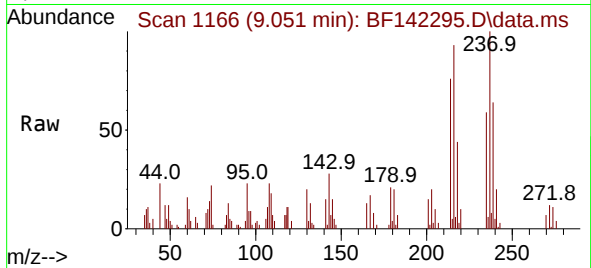




#41  
Hexachlorocyclopentadiene  
Concen: 1.952 ng  
RT: 9.051 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

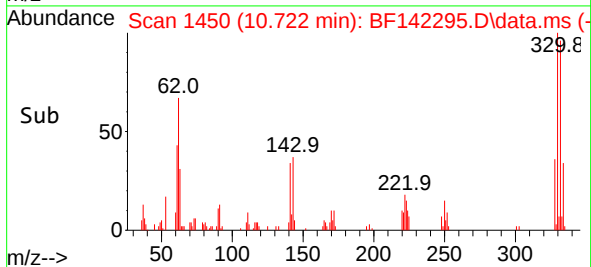
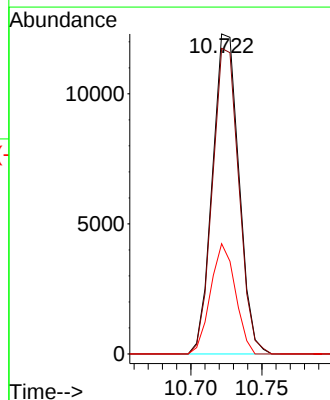
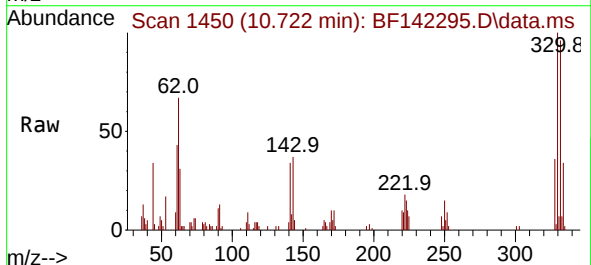
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 237 Resp: 15532  
Ion Ratio Lower Upper  
237 100  
235 58.9 42.8 82.8  
272 12.4 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 3.587 ng  
RT: 10.722 min Scan# 1450  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion: 330 Resp: 15967  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.8 115.2  
141 32.2 24.9 37.3

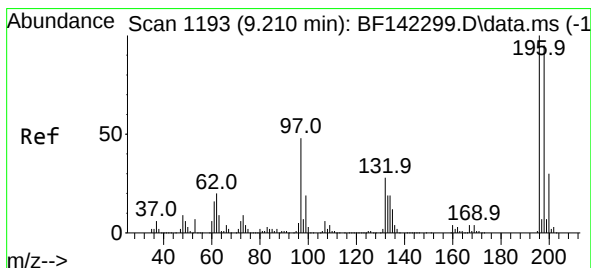
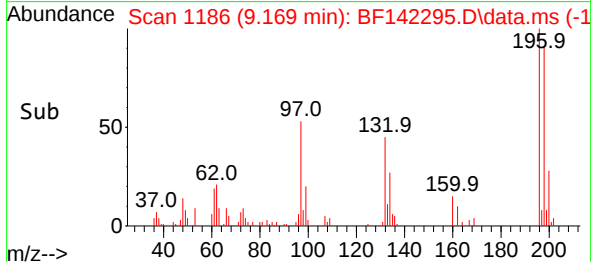
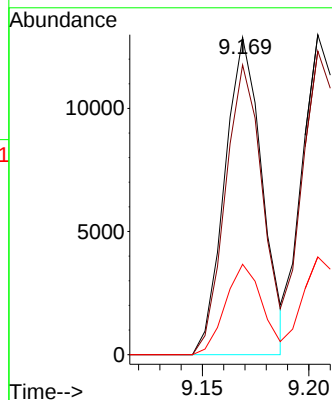
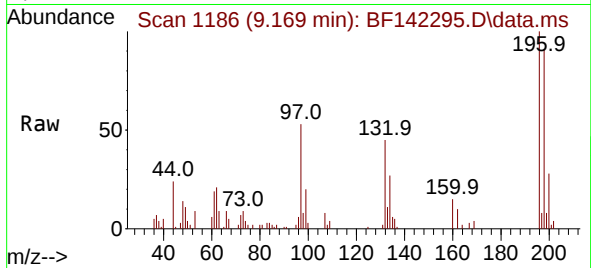




#43  
2,4,6-Trichlorophenol  
Concen: 1.943 ng  
RT: 9.169 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

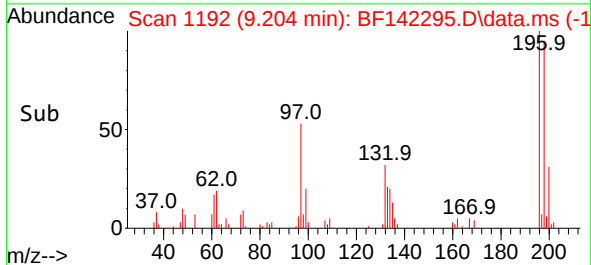
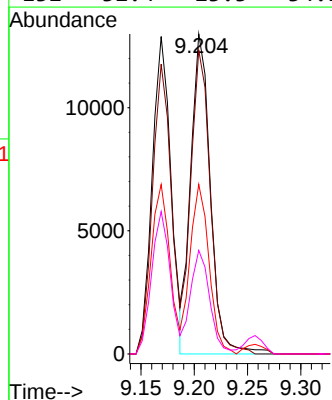
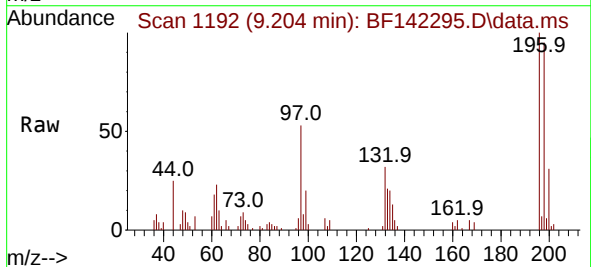
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

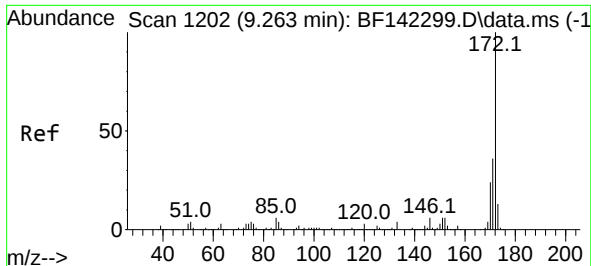
Tgt Ion:196 Resp: 15785  
Ion Ratio Lower Upper  
196 100  
198 91.3 75.4 113.0  
200 28.5 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 1.933 ng  
RT: 9.204 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:196 Resp: 16707  
Ion Ratio Lower Upper  
196 100  
198 94.9 76.1 114.1  
97 53.0 39.0 58.4  
132 32.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 6.101 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

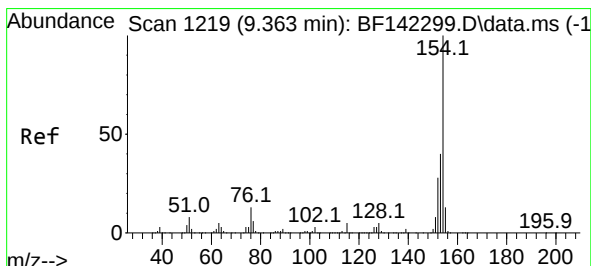
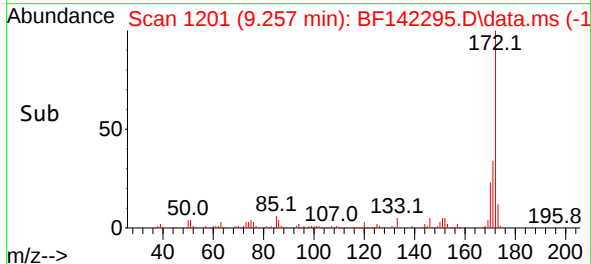
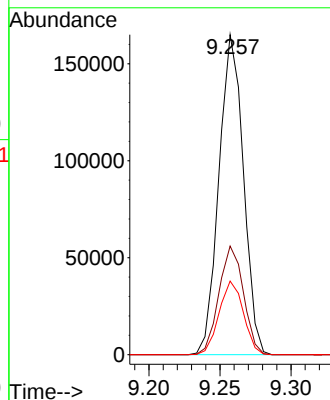
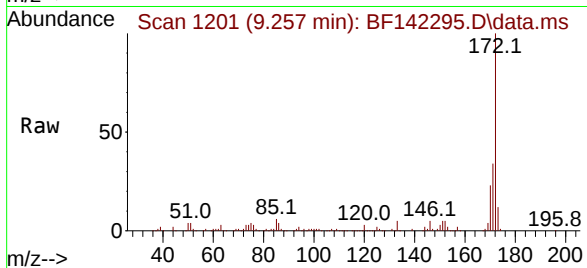
Tgt Ion:172 Resp: 197282

Ion Ratio Lower Upper

172 100

171 34.0 28.6 42.8

170 23.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 2.746 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

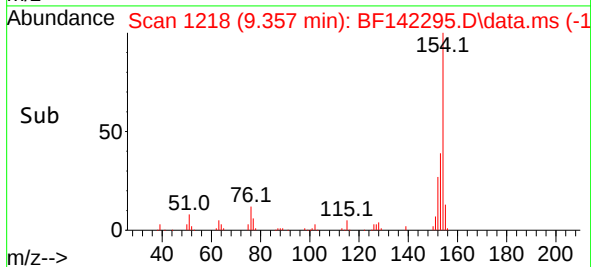
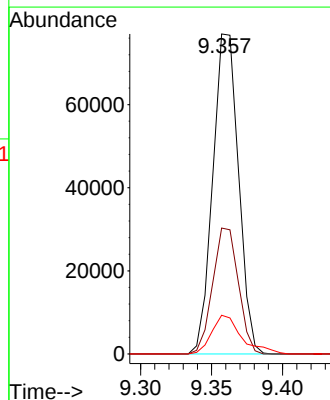
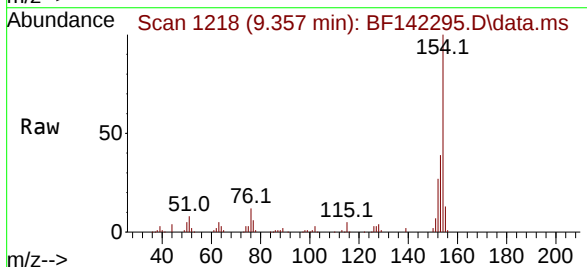
Tgt Ion:154 Resp: 97075

Ion Ratio Lower Upper

154 100

153 39.4 20.5 60.5

76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 2.705 ng

RT: 9.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

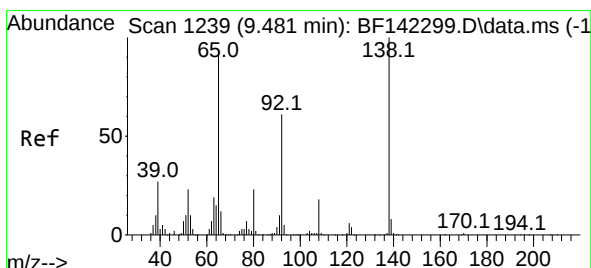
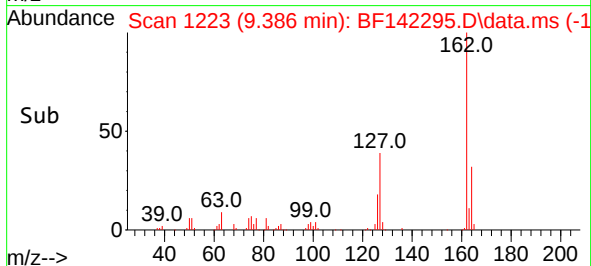
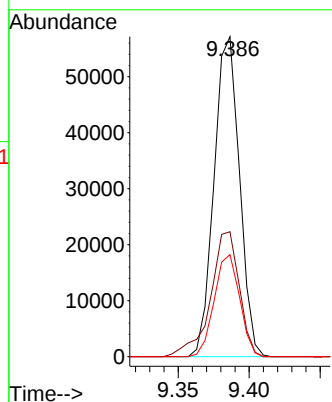
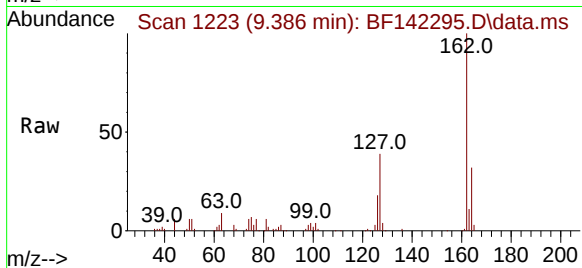
Tgt Ion:162 Resp: 71120

Ion Ratio Lower Upper

162 100

127 39.1 32.3 48.5

164 31.9 26.6 40.0



#48

2-Nitroaniline

Concen: 1.444 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

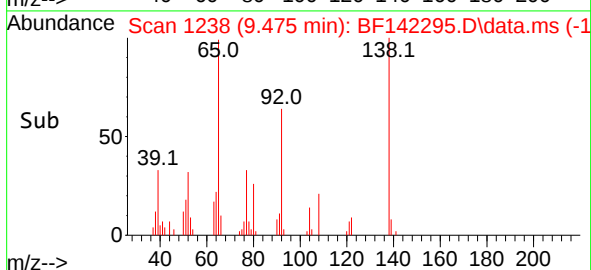
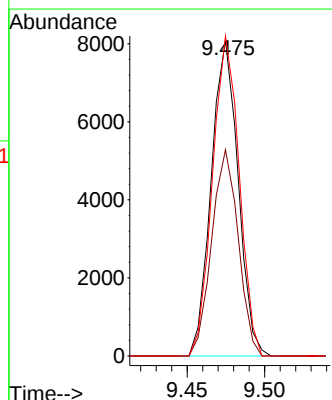
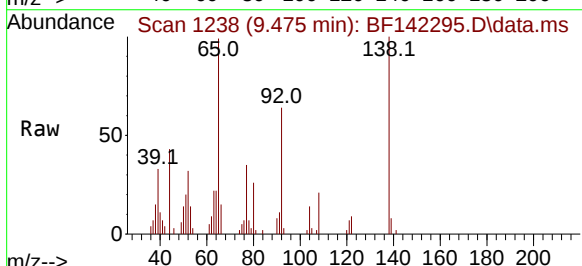
Tgt Ion: 65 Resp: 9730

Ion Ratio Lower Upper

65 100

92 65.3 52.3 78.5

138 101.3 85.6 128.4

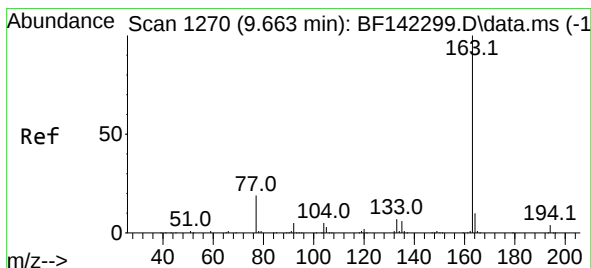
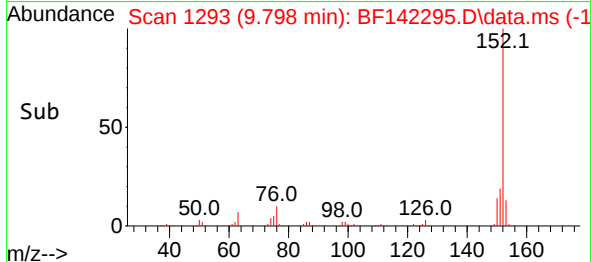
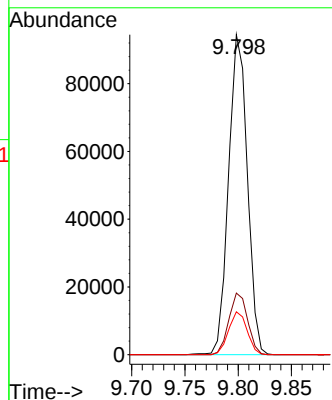
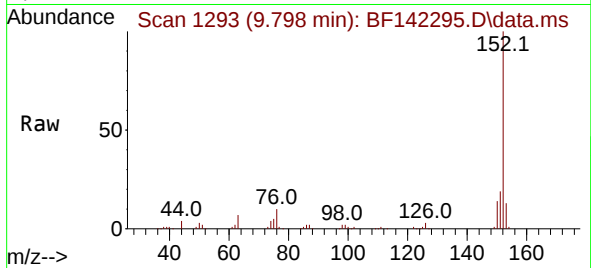




#49  
Acenaphthylene  
Concen: 2.628 ng  
RT: 9.798 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

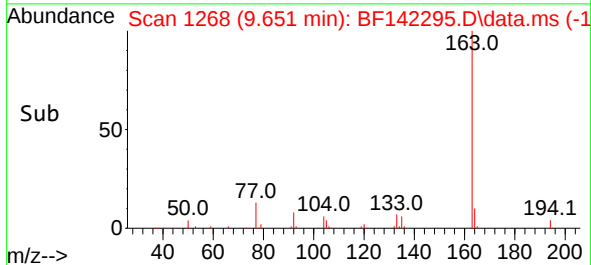
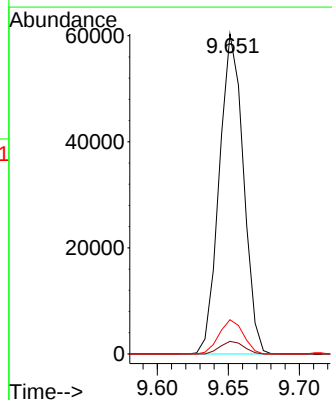
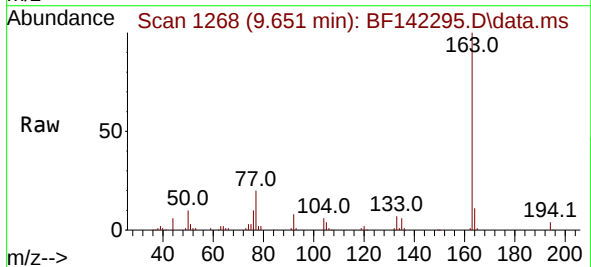
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

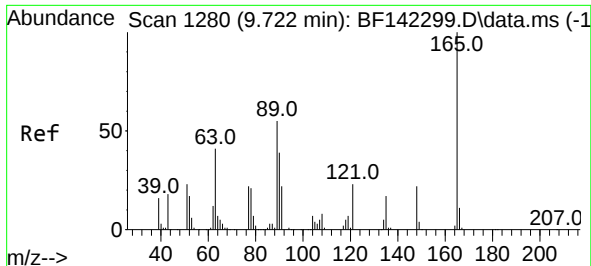
Tgt Ion:152 Resp: 115585  
Ion Ratio Lower Upper  
152 100  
151 19.3 16.0 24.0  
153 13.4 10.8 16.2



#50  
Dimethylphthalate  
Concen: 2.406 ng  
RT: 9.651 min Scan# 1268  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:163 Resp: 71249  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.7 8.3 12.5

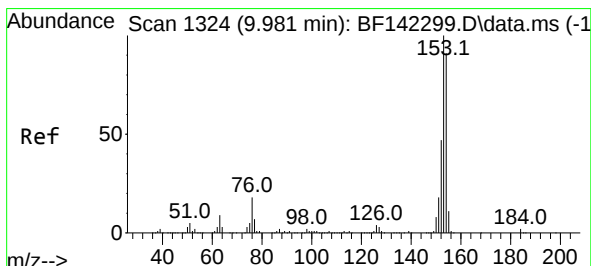
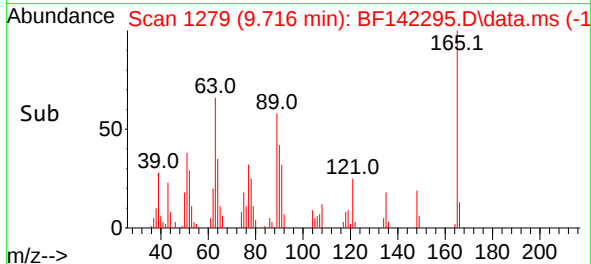
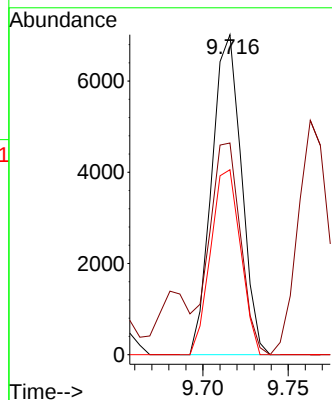
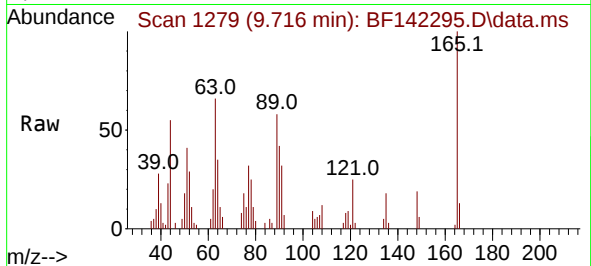




#51  
2,6-Dinitrotoluene  
Concen: 1.532 ng  
RT: 9.716 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

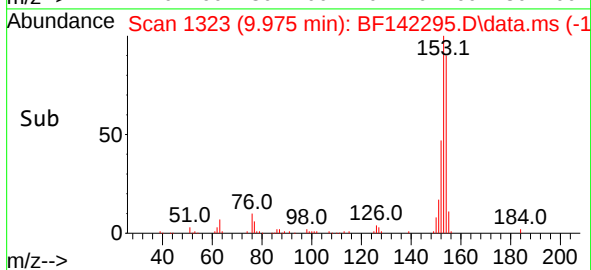
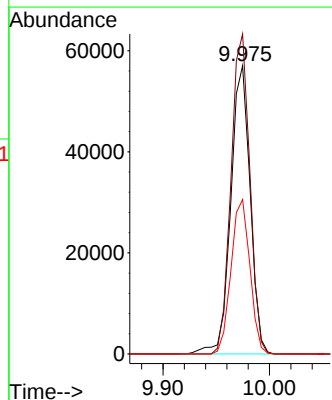
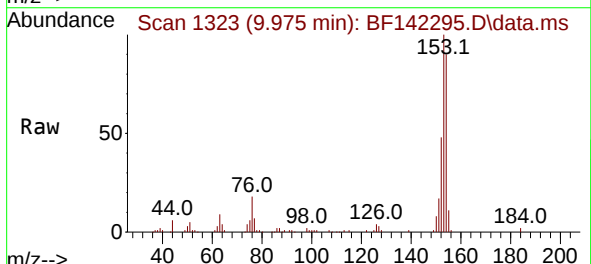
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

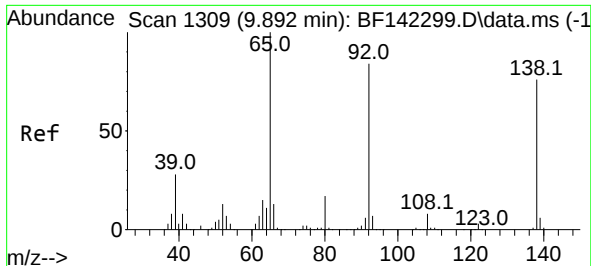
Tgt Ion:165 Resp: 8490  
Ion Ratio Lower Upper  
165 100  
63 66.1 49.5 74.3  
89 57.8 44.6 66.8



#52  
Acenaphthene  
Concen: 2.726 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:154 Resp: 72098  
Ion Ratio Lower Upper  
154 100  
153 111.0 88.0 132.0  
152 53.6 41.6 62.4

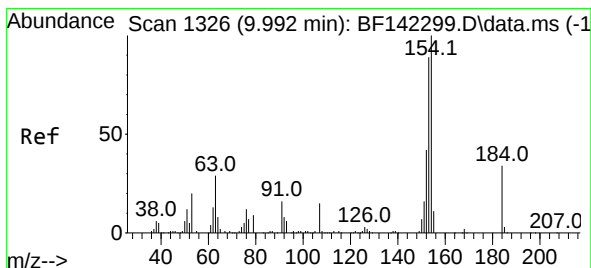
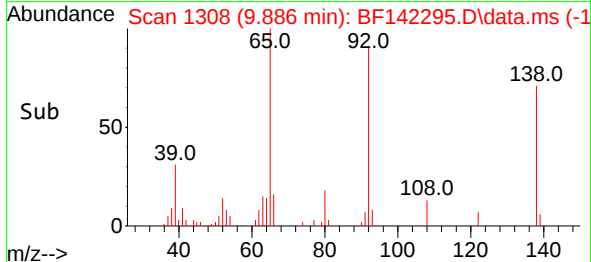
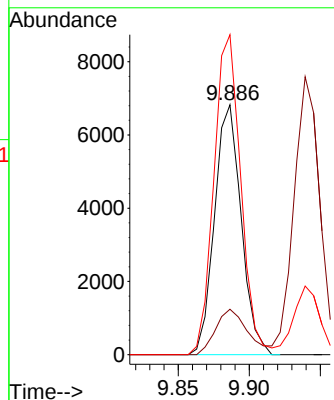
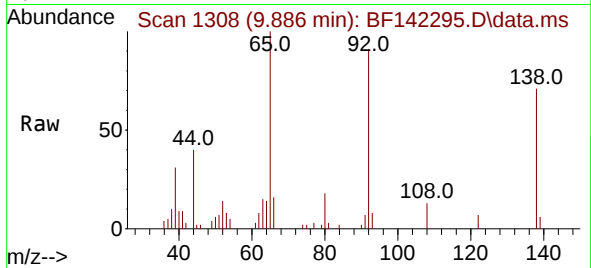




#53  
3-Nitroaniline  
Concen: 1.370 ng  
RT: 9.886 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

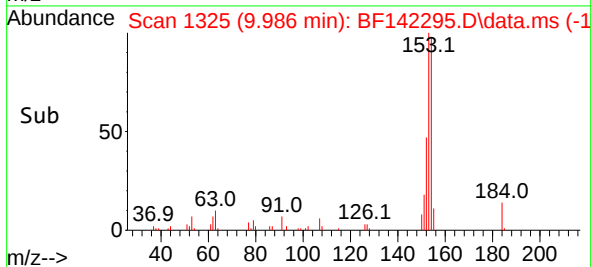
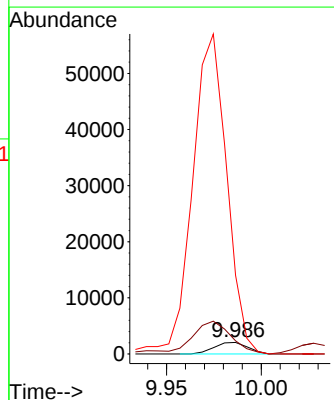
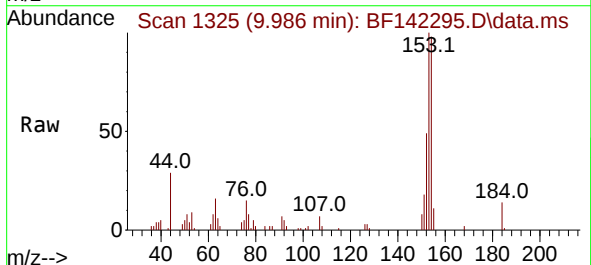
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:138 Resp: 8903  
Ion Ratio Lower Upper  
138 100  
108 18.2 8.7 13.1#  
92 128.1 89.5 134.3



#54  
2,4-Dinitrophenol  
Concen: 8.460 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:184 Resp: 2560  
Ion Ratio Lower Upper  
184 100  
63 112.6 70.6 105.8#  
154 678.6 257.2 385.8#

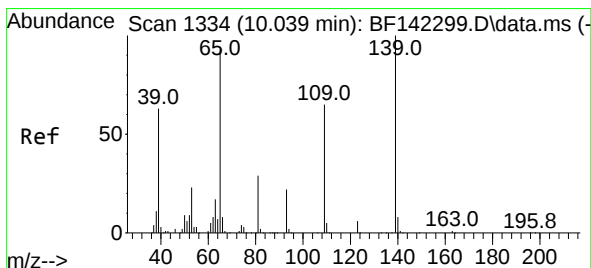
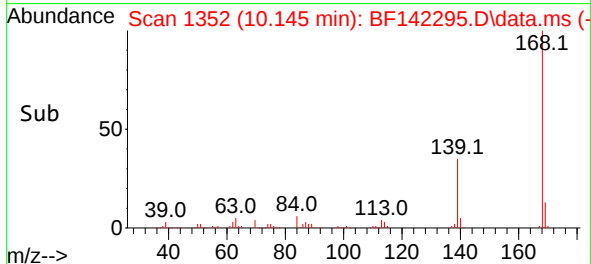
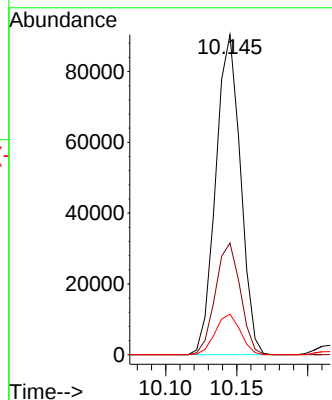
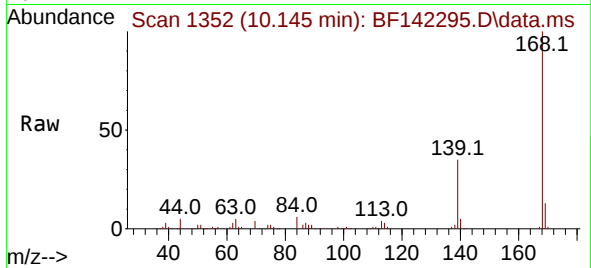




#55  
Dibenzofuran  
Concen: 2.802 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

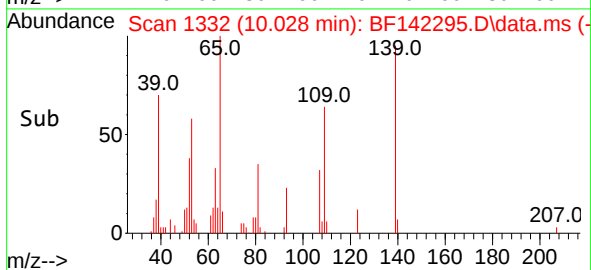
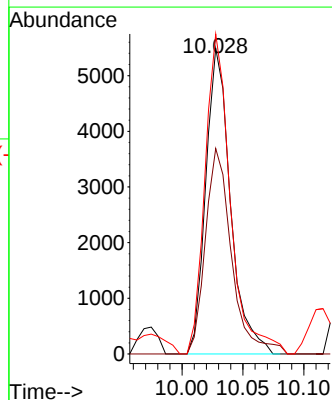
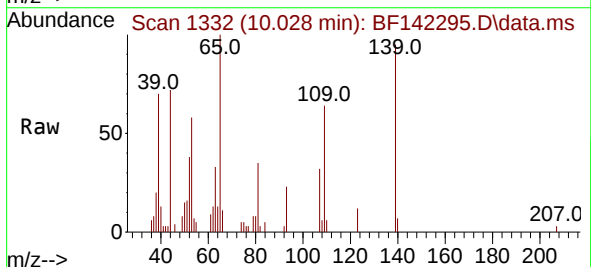
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

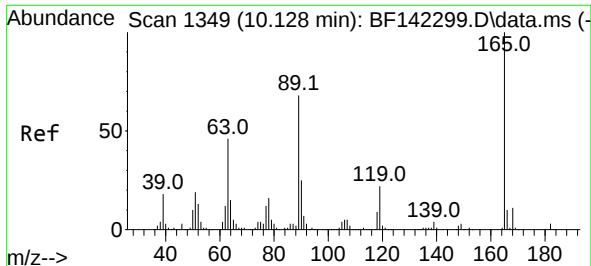
Tgt Ion:168 Resp: 109379  
Ion Ratio Lower Upper  
168 100  
139 34.9 29.0 43.4  
169 12.6 10.7 16.1



#56  
4-Nitrophenol  
Concen: 1.581 ng  
RT: 10.028 min Scan# 1332  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:139 Resp: 7733  
Ion Ratio Lower Upper  
139 100  
109 67.2 45.3 85.3  
65 104.7 73.9 113.9

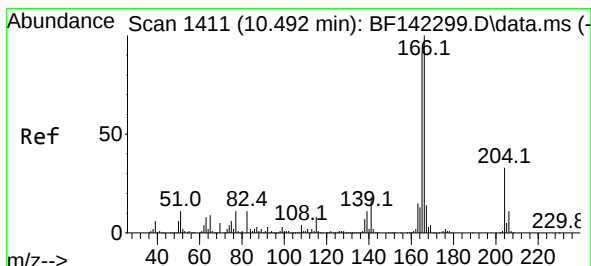
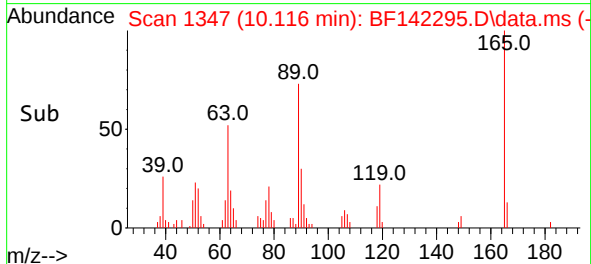
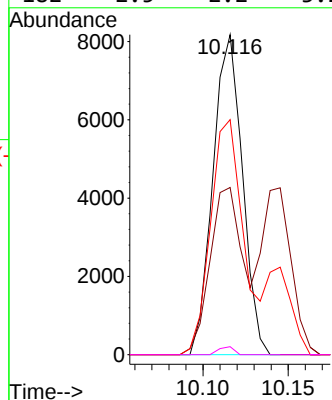
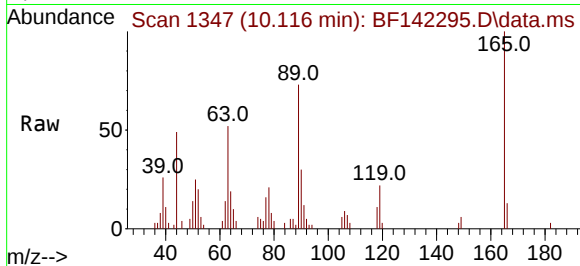




#57  
2,4-Dinitrotoluene  
Concen: 1.381 ng  
RT: 10.116 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

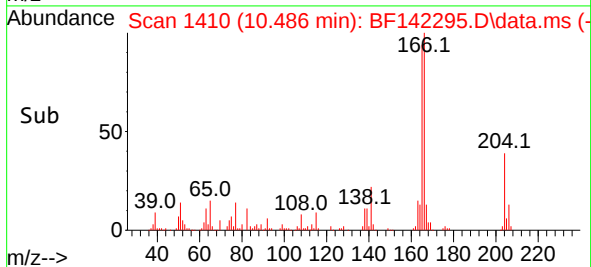
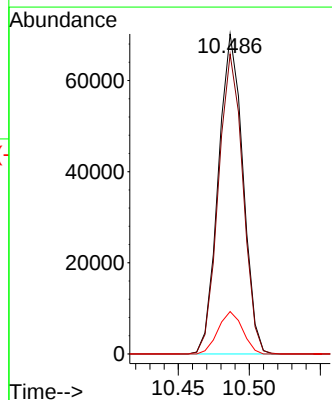
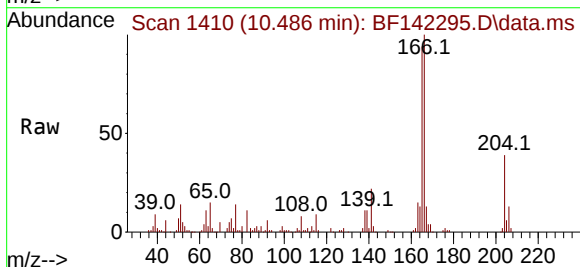
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

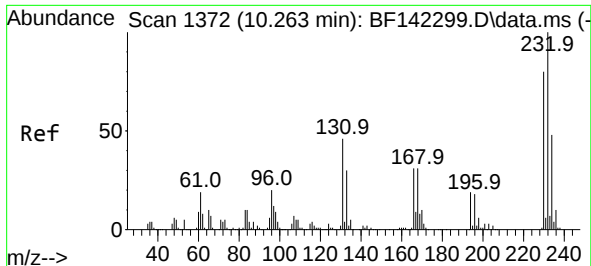
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:165 | Resp: | 9815  |       |
| Ion         | Ratio | Lower | Upper |
| 165         | 100   |       |       |
| 63          | 52.2  | 37.1  | 55.7  |
| 89          | 73.4  | 54.4  | 81.6  |
| 182         | 2.5   | 2.2   | 3.2   |



#58  
Fluorene  
Concen: 2.835 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:166 | Resp: | 84455 |       |
| Ion         | Ratio | Lower | Upper |
| 166         | 100   |       |       |
| 165         | 93.7  | 74.0  | 111.0 |
| 167         | 13.3  | 10.9  | 16.3  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 1.860 ng

RT: 10.257 min Scan# 1371

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:232 Resp: 13269

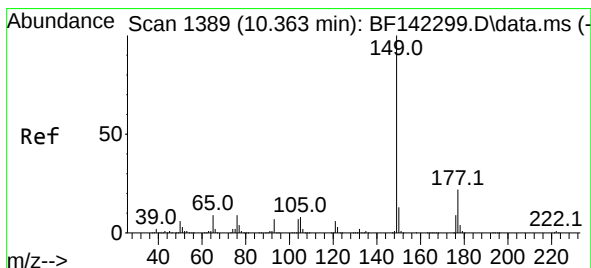
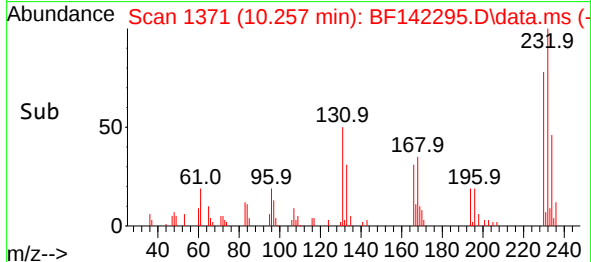
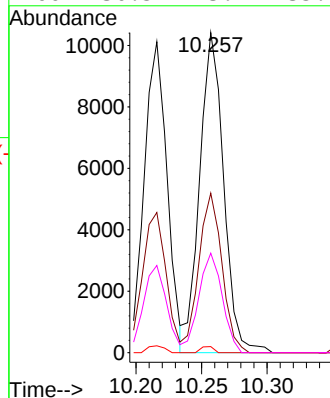
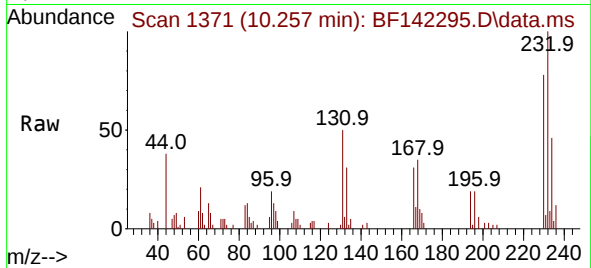
Ion Ratio Lower Upper

232 100

131 48.3 36.0 54.0

130 1.0 1.8 2.6#

166 30.5 23.4 35.2



#60

Diethylphthalate

Concen: 2.360 ng

RT: 10.357 min Scan# 1388

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

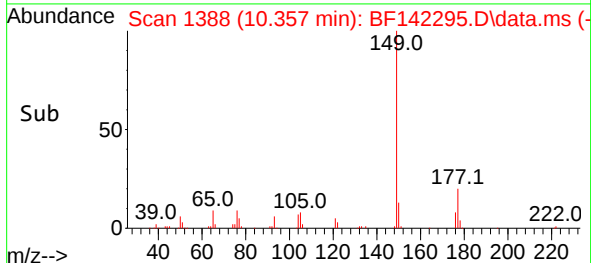
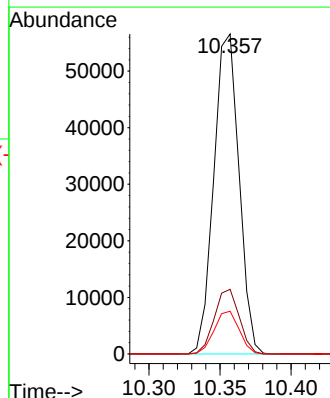
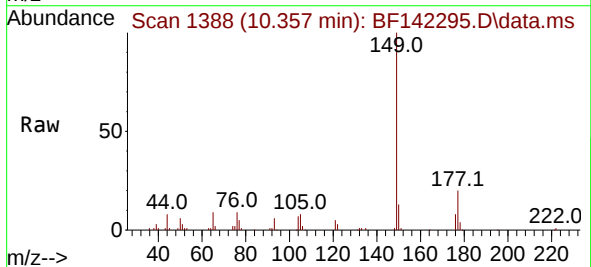
Tgt Ion:149 Resp: 69770

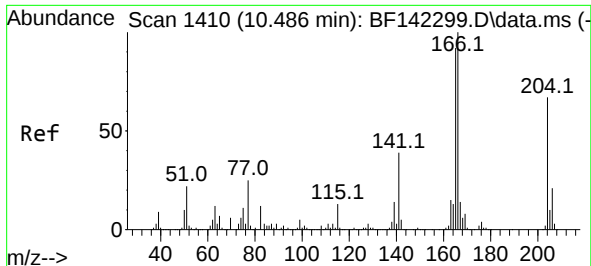
Ion Ratio Lower Upper

149 100

177 20.2 17.6 26.4

150 13.4 10.1 15.1

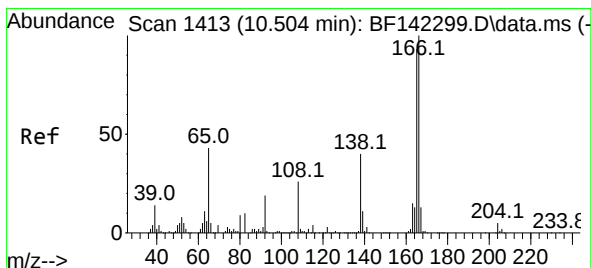
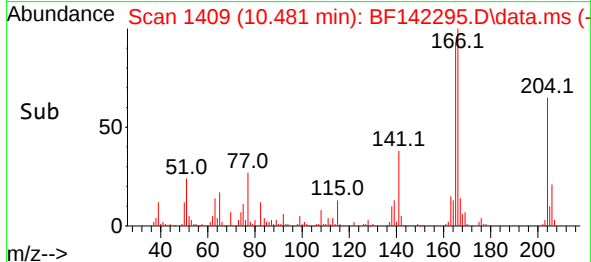
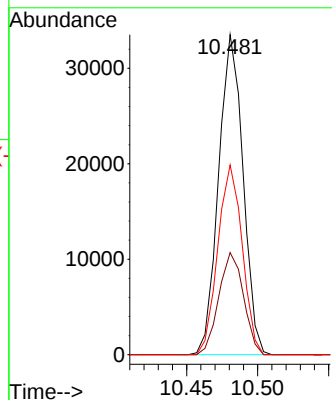
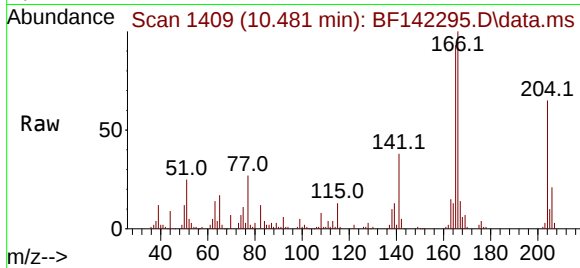




#61  
4-Chlorophenyl-phenylether  
Concen: 2.786 ng  
RT: 10.481 min Scan# 1409  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

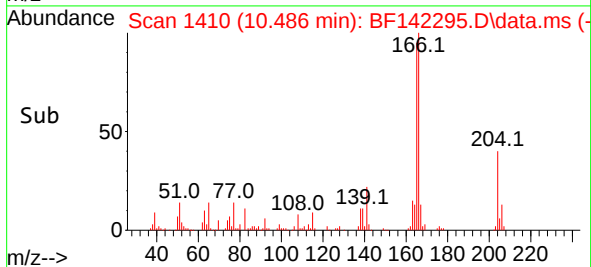
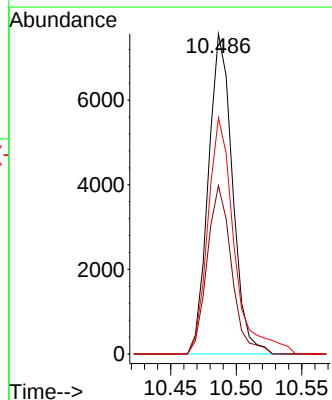
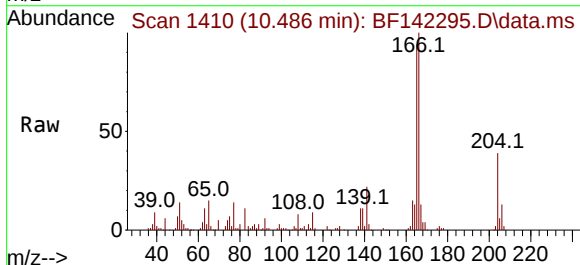
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

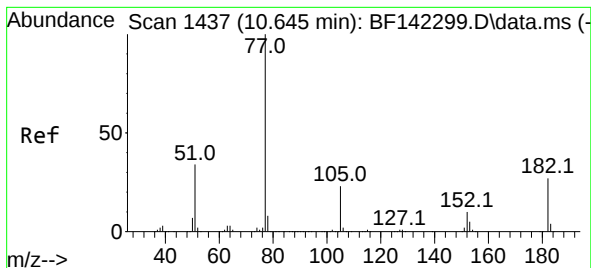
Tgt Ion:204 Resp: 40034  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.5 38.3  
141 59.3 46.4 69.6



#62  
4-Nitroaniline  
Concen: 1.881 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.018 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:138 Resp: 9689  
Ion Ratio Lower Upper  
138 100  
92 52.6 27.3 67.3  
108 73.8 45.1 85.1





#63

Azobenzene

Concen: 2.541 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 77 Resp: 71784

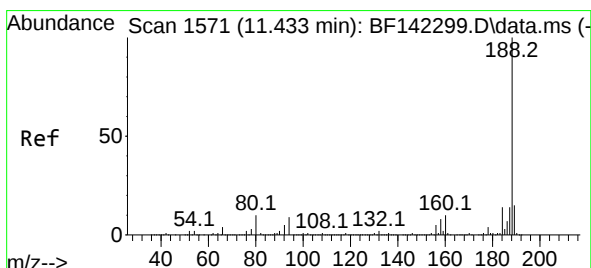
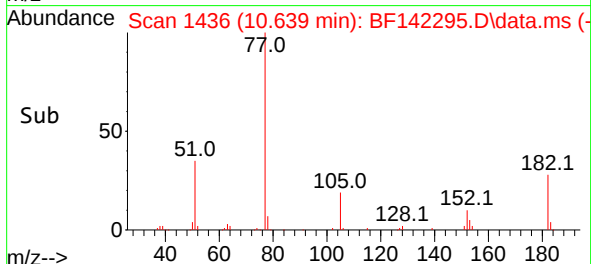
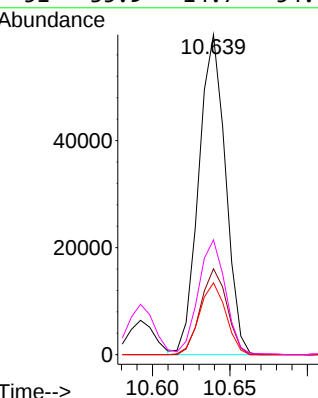
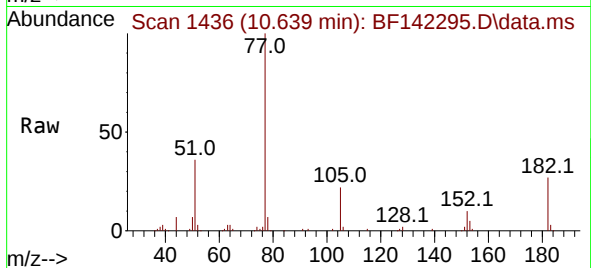
Ion Ratio Lower Upper

77 100

182 26.8 6.9 46.9

105 22.4 2.7 42.7

51 35.9 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

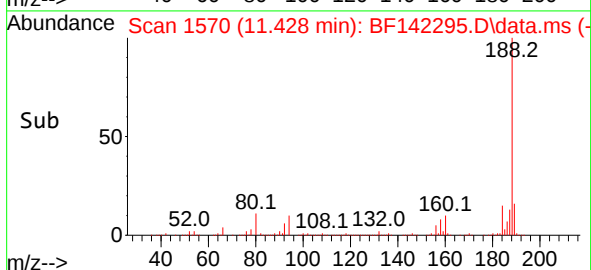
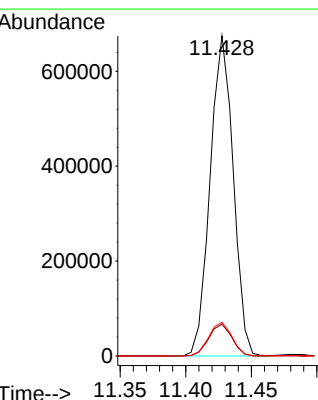
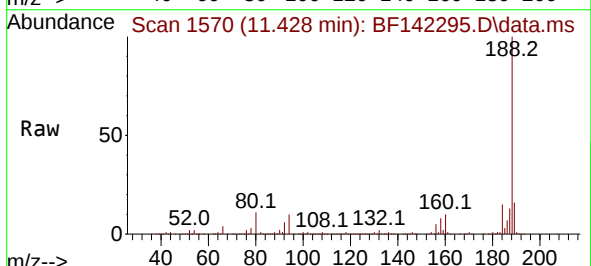
Tgt Ion: 188 Resp: 826586

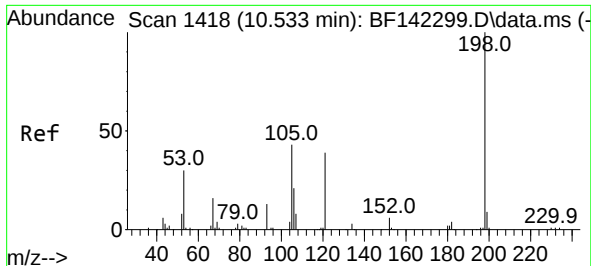
Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

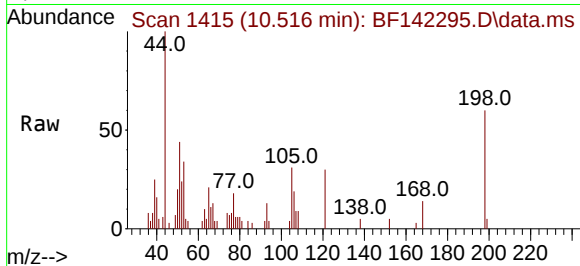
80 10.5 7.9 11.9



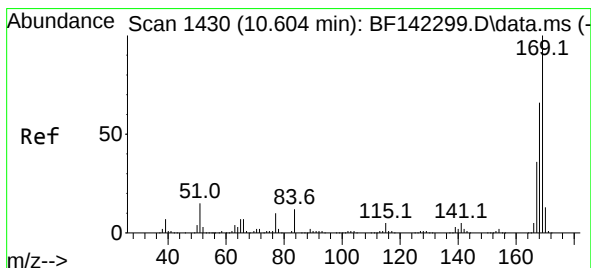
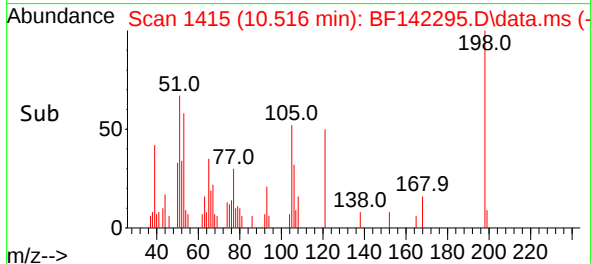
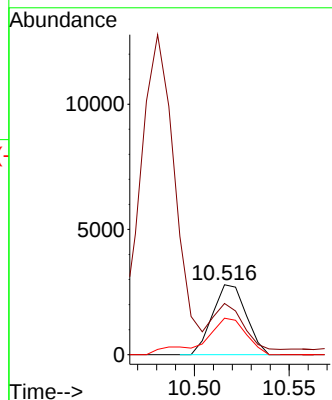


#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.946 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.017 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

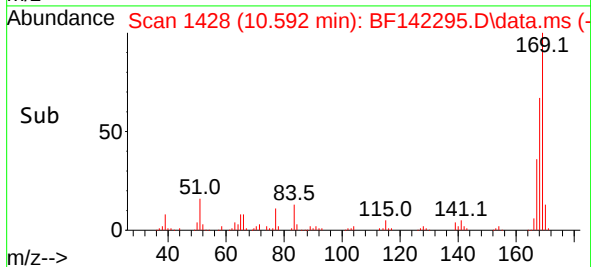
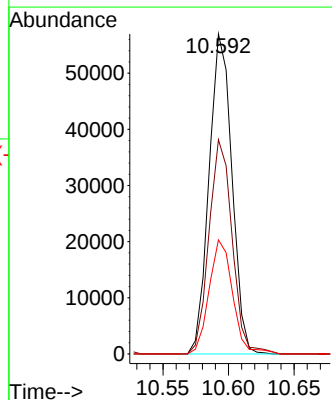
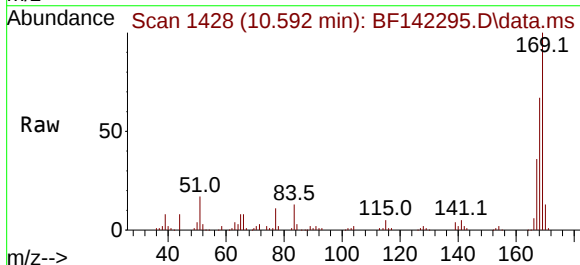


Tgt Ion:198 Resp: 3446  
Ion Ratio Lower Upper  
198 100  
51 73.2 32.9 72.9#  
105 52.2 23.7 63.7



#66  
n-Nitrosodiphenylamine  
Concen: 2.509 ng  
RT: 10.592 min Scan# 1428  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:169 Resp: 69022  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.2 79.8  
167 35.6 28.9 43.3

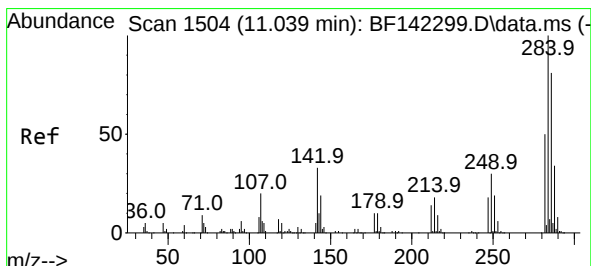
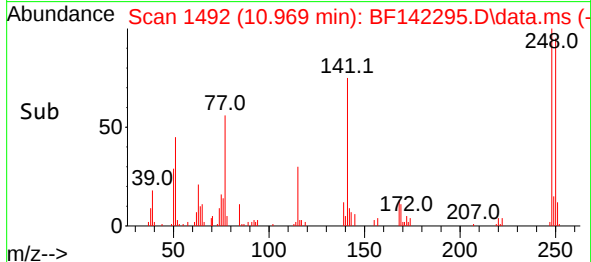
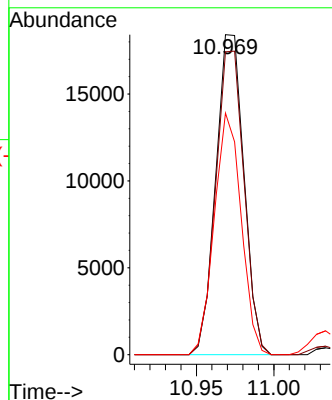
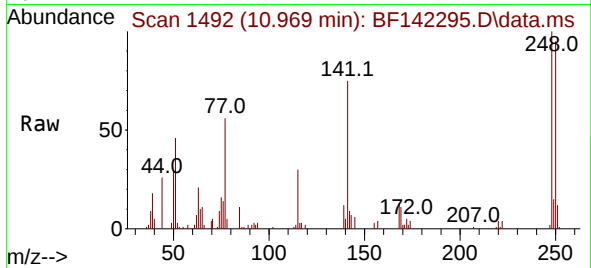




#67  
4-Bromophenyl-phenylether  
Concen: 2.486 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

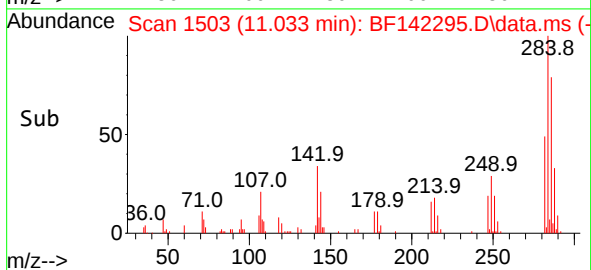
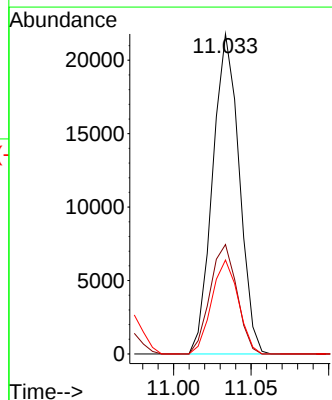
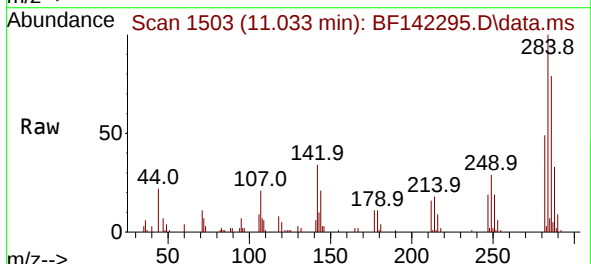
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

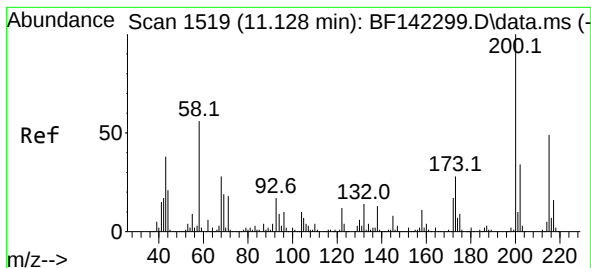
Tgt Ion:248 Resp: 23292  
Ion Ratio Lower Upper  
248 100  
250 94.7 77.9 116.9  
141 75.5 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 2.520 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:284 Resp: 25964  
Ion Ratio Lower Upper  
284 100  
142 34.2 26.6 39.8  
249 29.4 24.1 36.1





#69

Atrazine

Concen: 1.761 ng

RT: 11.122 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

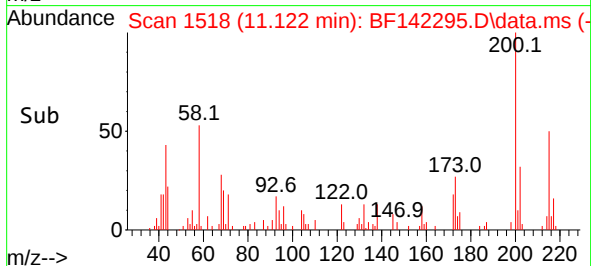
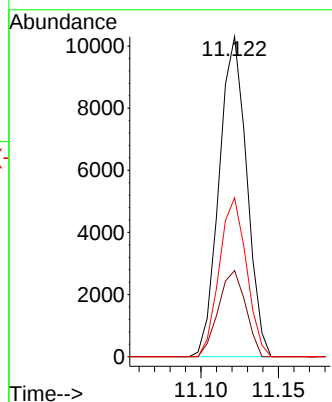
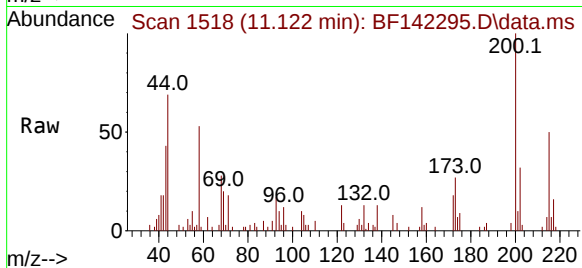
Tgt Ion:200 Resp: 12769

Ion Ratio Lower Upper

200 100

173 26.9 8.1 48.1

215 49.7 28.8 68.8



#70

Pentachlorophenol

Concen: 1.564 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

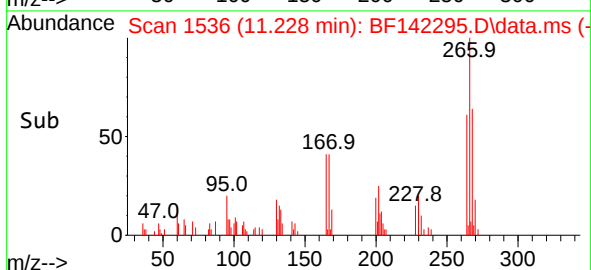
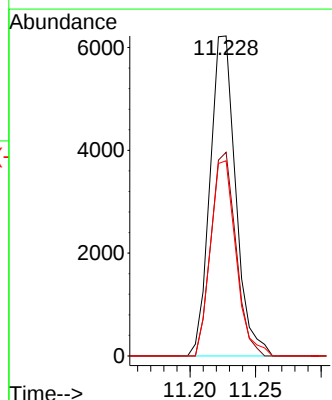
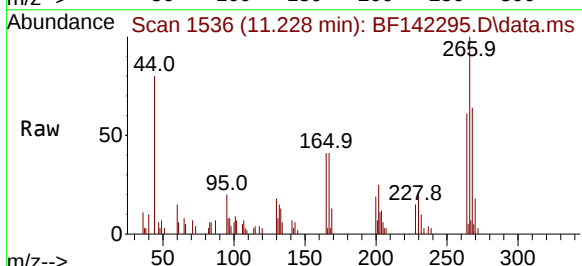
Tgt Ion:266 Resp: 8478

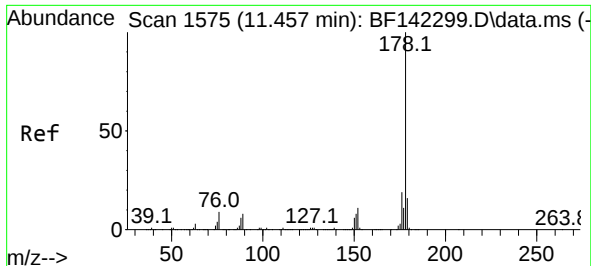
Ion Ratio Lower Upper

266 100

268 63.7 48.7 73.1

264 61.0 49.8 74.6

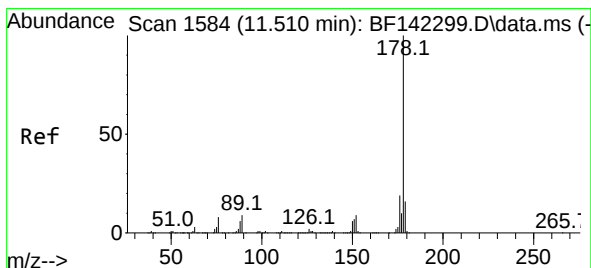
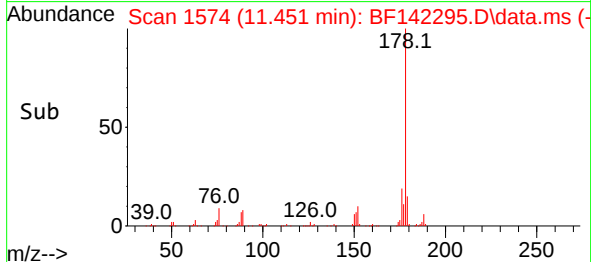
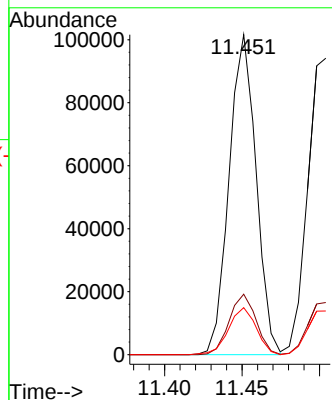
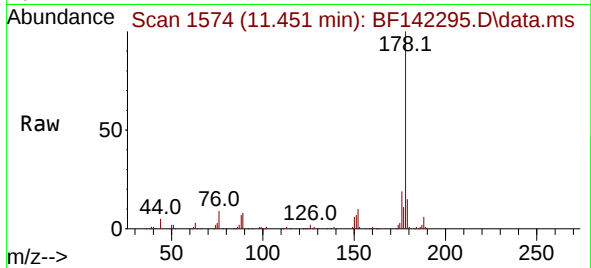




#71  
Phenanthrene  
Concen: 2.841 ng  
RT: 11.451 min Scan# 1575  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

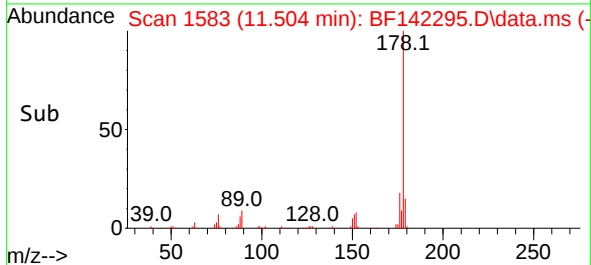
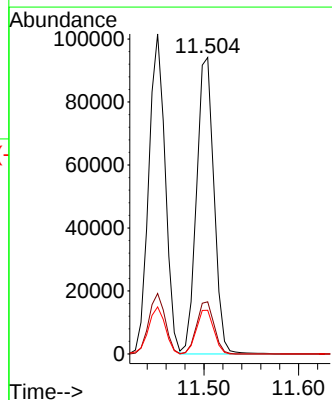
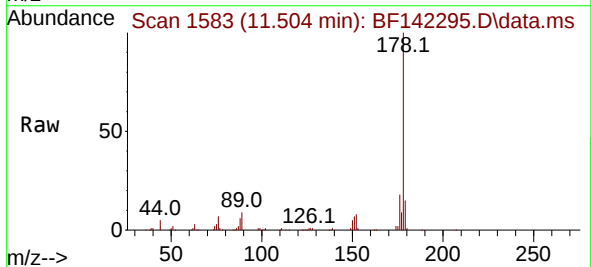
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

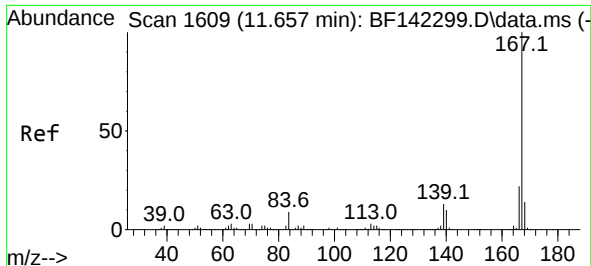
Tgt Ion:178 Resp: 123093  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.5 23.3  
179 14.7 12.6 18.8



#72  
Anthracene  
Concen: 2.709 ng  
RT: 11.504 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:178 Resp: 120600  
Ion Ratio Lower Upper  
178 100  
176 17.6 15.3 22.9  
179 14.7 12.6 18.8

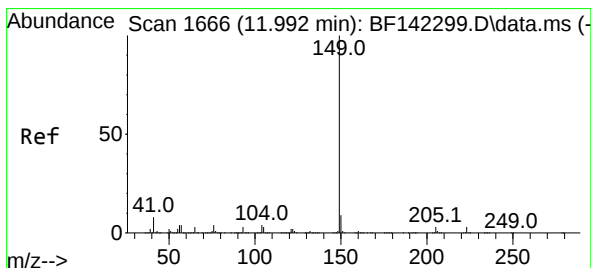
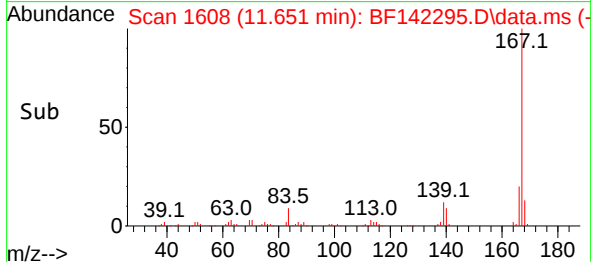
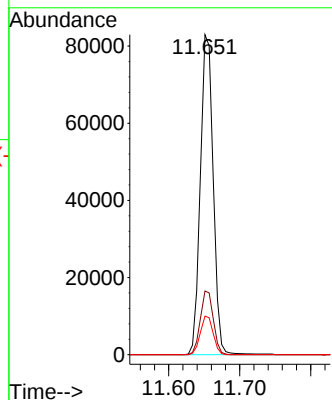
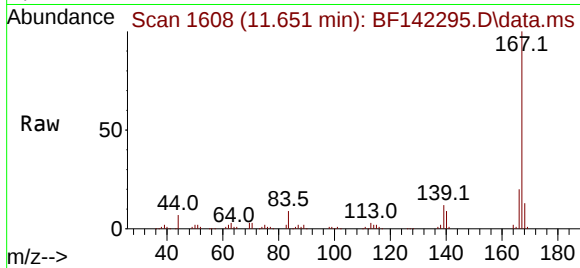




#73  
Carbazole  
Concen: 2.629 ng  
RT: 11.651 min Scan# 1608  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

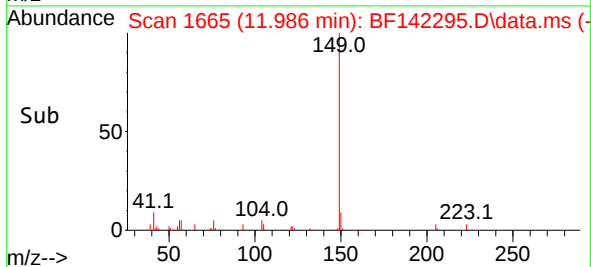
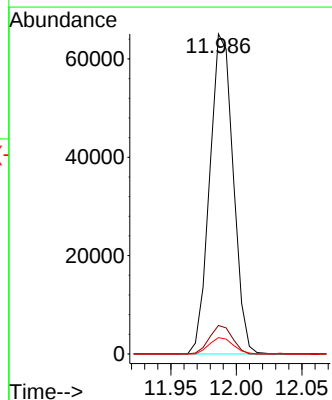
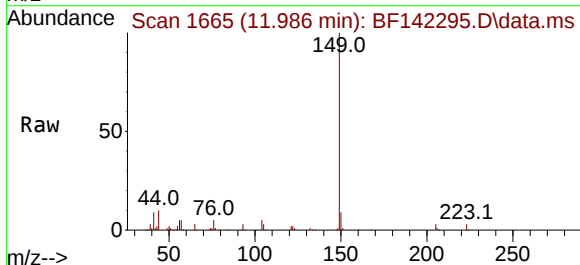
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

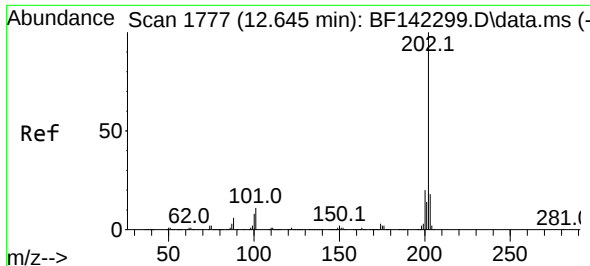
Tgt Ion:167 Resp: 105005  
Ion Ratio Lower Upper  
167 100  
166 19.9 17.2 25.8  
139 12.1 10.3 15.5



#74  
Di-n-butylphthalate  
Concen: 1.929 ng  
RT: 11.986 min Scan# 1665  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:149 Resp: 81014  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.5 11.3  
104 5.1 3.6 5.4

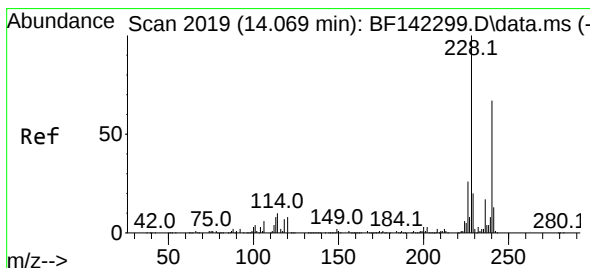
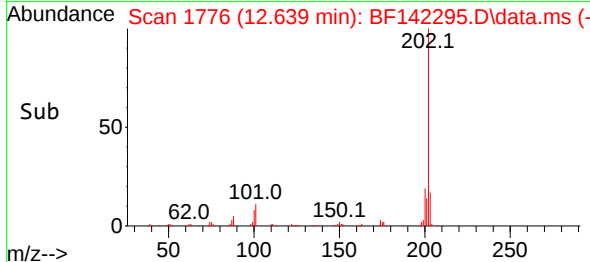
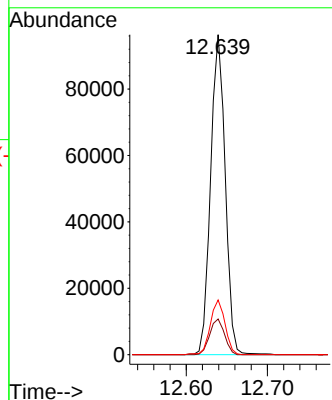
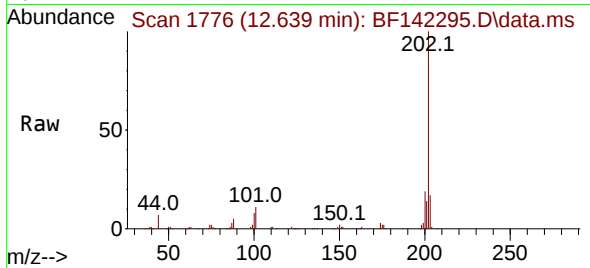




#75  
Fluoranthene  
Concen: 2.776 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

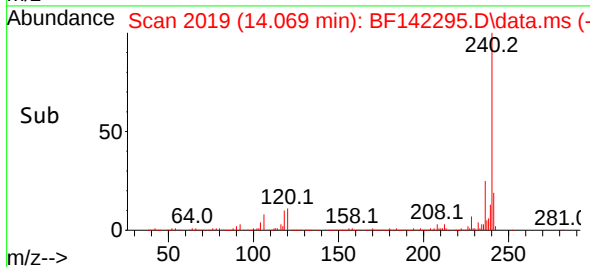
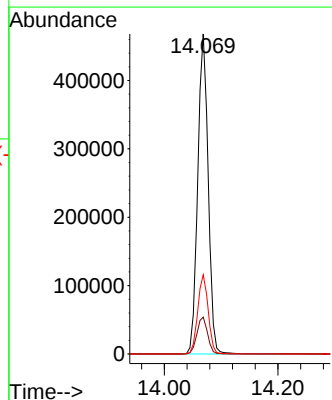
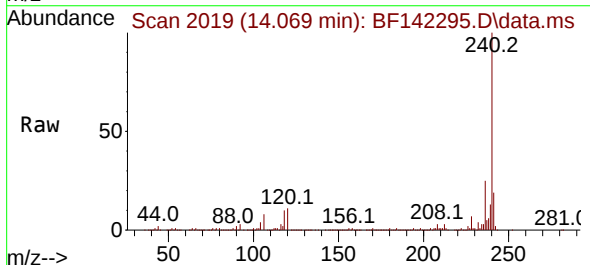
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

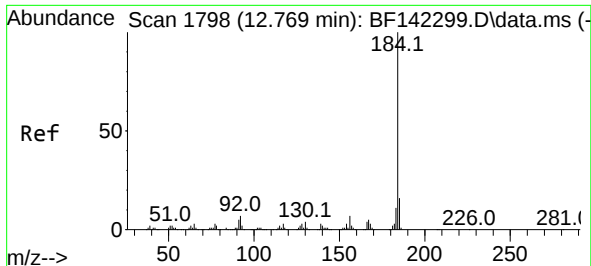
Tgt Ion:202 Resp: 120227  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.4  
203 17.1 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:240 Resp: 600134  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.7 14.5  
236 24.7 20.0 30.0

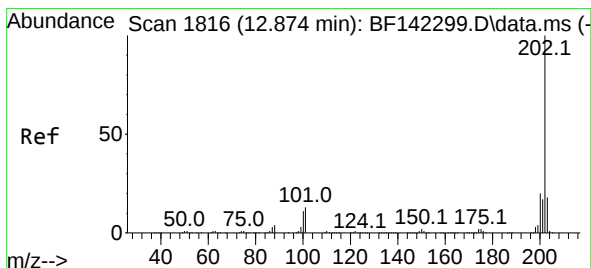
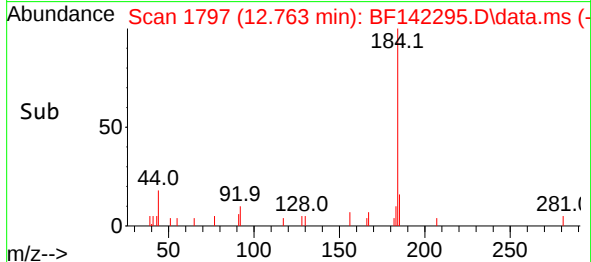
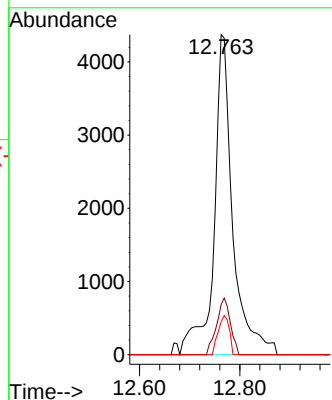
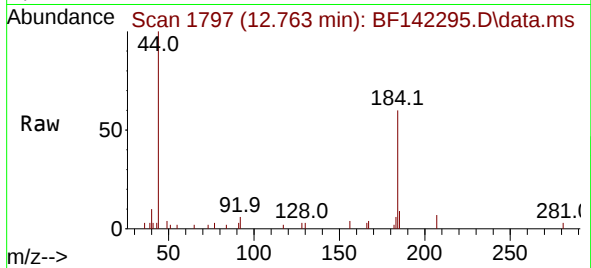




#77  
Benzidine  
Concen: 1.034 ng  
RT: 12.763 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

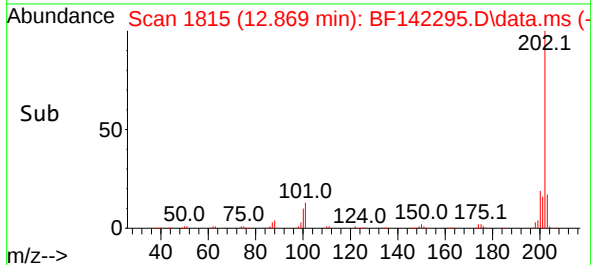
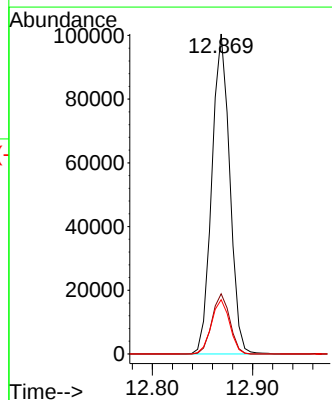
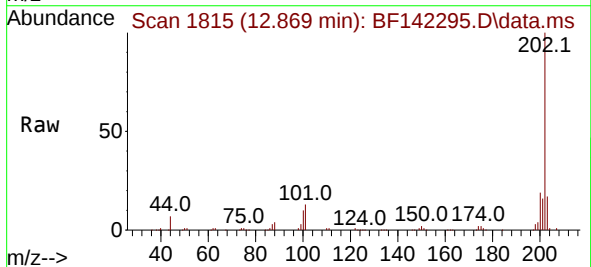
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

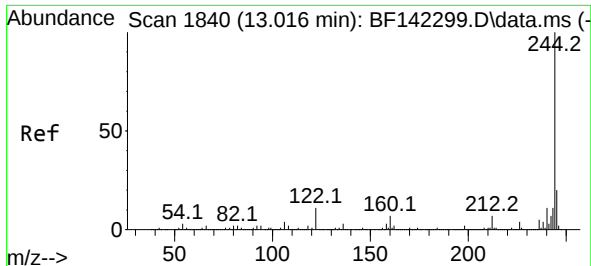
Tgt Ion:184 Resp: 11276  
Ion Ratio Lower Upper  
184 100  
185 15.6 12.6 18.8  
183 10.3 8.6 12.8



#78  
Pyrene  
Concen: 2.334 ng  
RT: 12.869 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:202 Resp: 124687  
Ion Ratio Lower Upper  
202 100  
200 18.8 16.2 24.4  
203 17.0 14.3 21.5

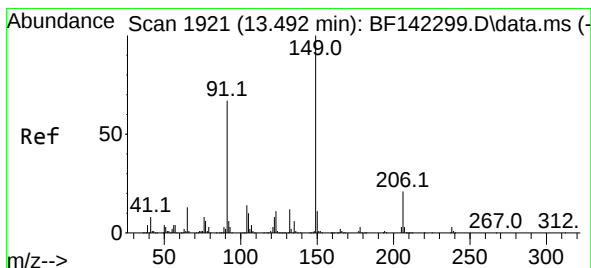
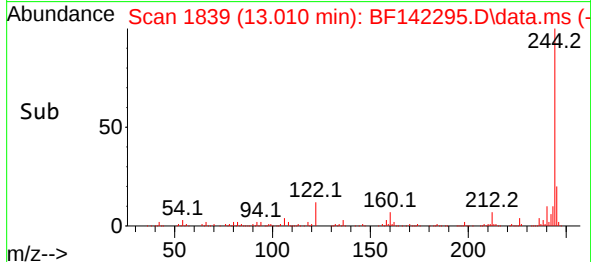
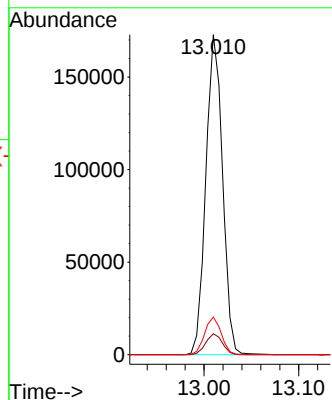
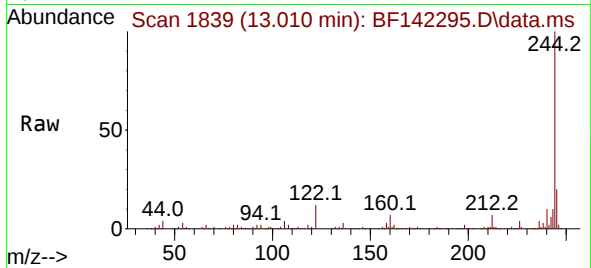




#79  
 Terphenyl-d14  
 Concen: 5.228 ng  
 RT: 13.010 min Scan# 1839  
 Delta R.T. -0.006 min  
 Lab File: BF142295.D  
 Acq: 05 May 2025 13:54

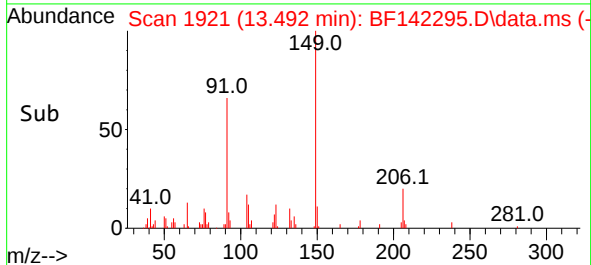
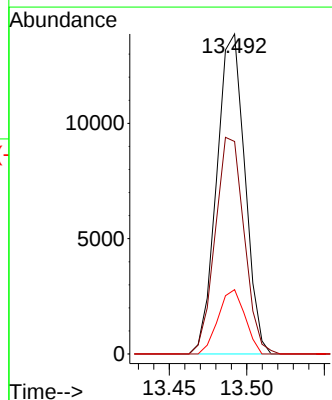
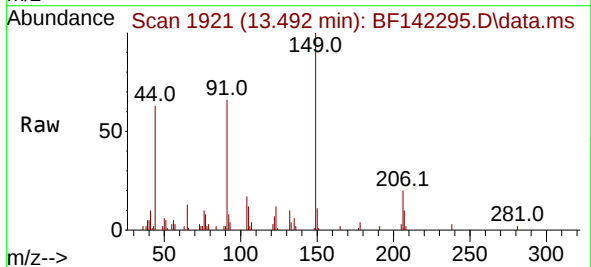
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

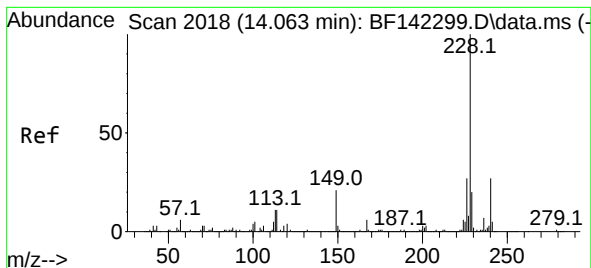
Tgt Ion:244 Resp: 211970  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.2  
 122 11.8 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 4.698 ng  
 RT: 13.492 min Scan# 1921  
 Delta R.T. 0.000 min  
 Lab File: BF142295.D  
 Acq: 05 May 2025 13:54

Tgt Ion:149 Resp: 17539  
 Ion Ratio Lower Upper  
 149 100  
 91 66.4 53.8 80.6  
 206 20.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 2.456 ng

RT: 14.057 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

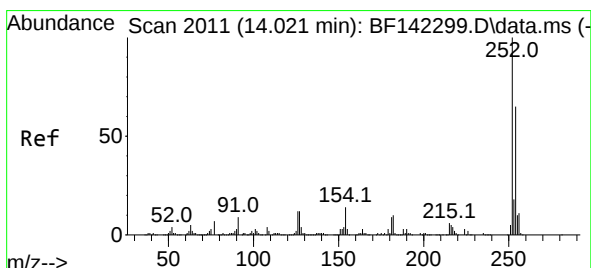
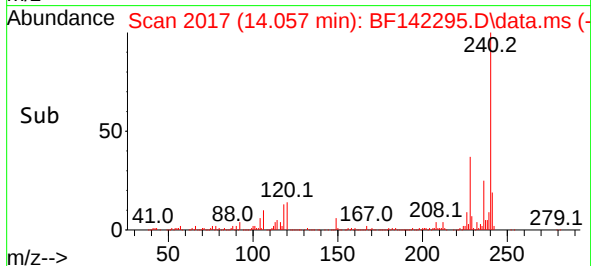
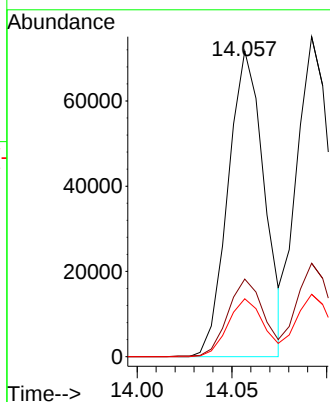
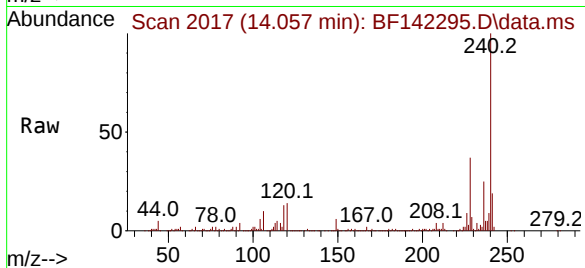
Tgt Ion:228 Resp: 95465

Ion Ratio Lower Upper

228 100

226 25.4 21.5 32.3

229 19.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 1.684 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

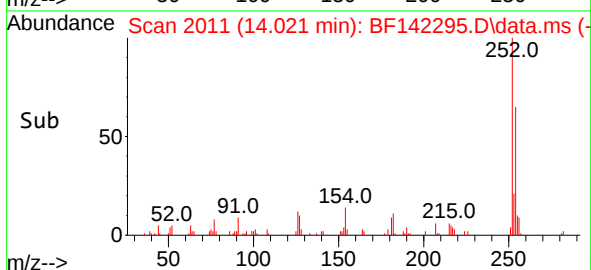
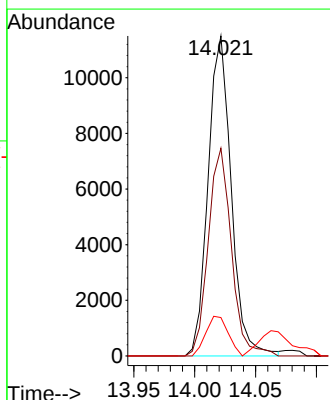
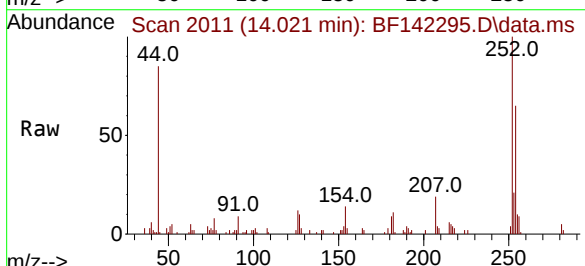
Tgt Ion:252 Resp: 15218

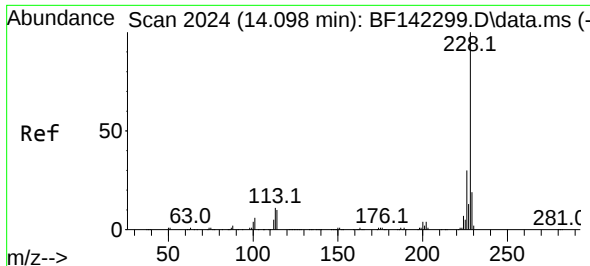
Ion Ratio Lower Upper

252 100

254 64.9 52.0 78.0

126 12.0 9.7 14.5

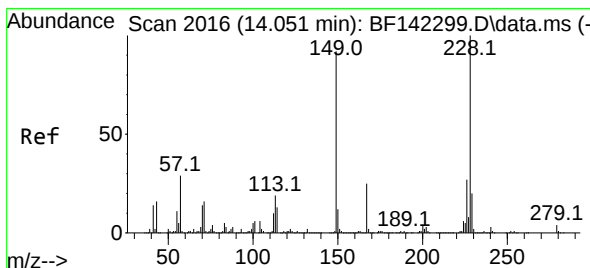
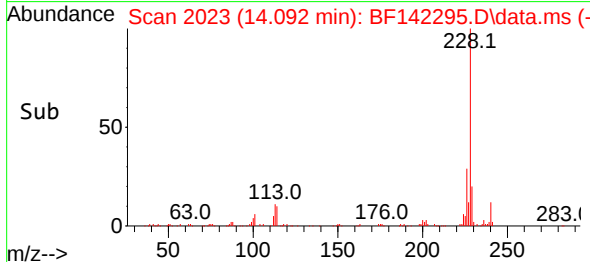
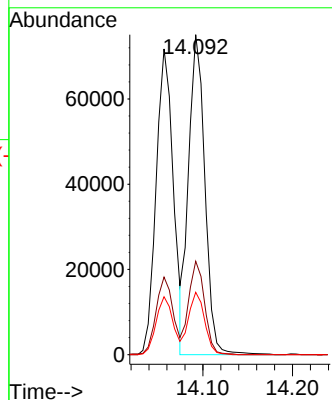
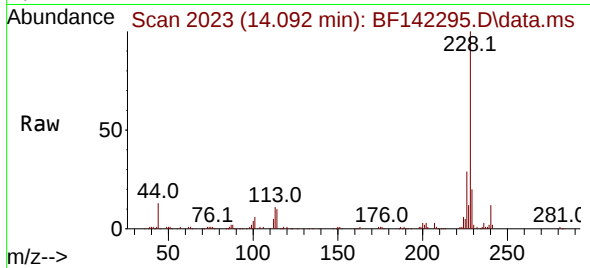




#83  
Chrysene  
Concen: 2.626 ng  
RT: 14.092 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

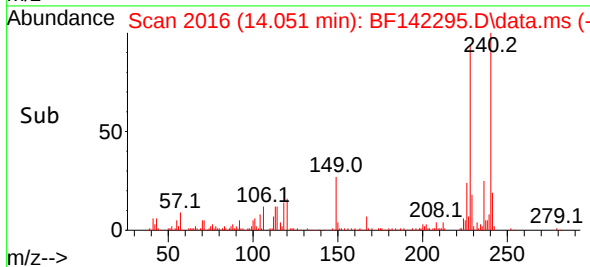
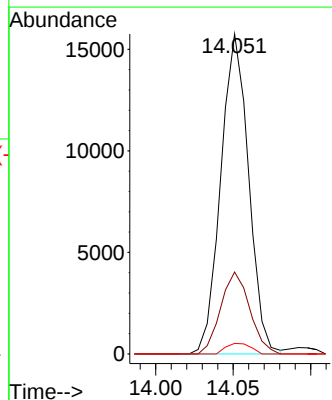
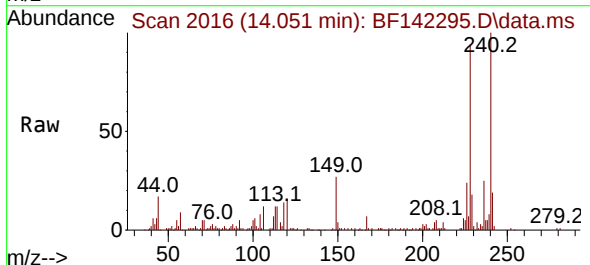
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

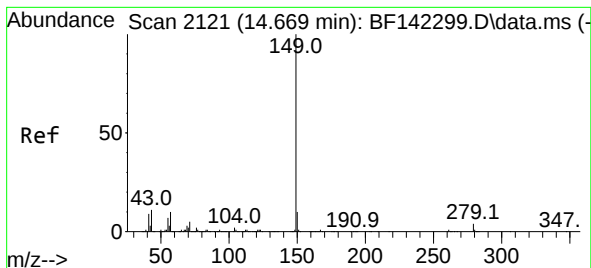
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 95008 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.2  | 23.9  | 35.9  |
| 229       | 19.5  | 15.4  | 23.2  |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.120 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 19668 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 25.6  | 22.0  | 33.0  |
| 279       | 3.3   | 3.0   | 4.6   |





#85

Di-n-octyl phthalate

Concen: 8.493 ng

RT: 14.669 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

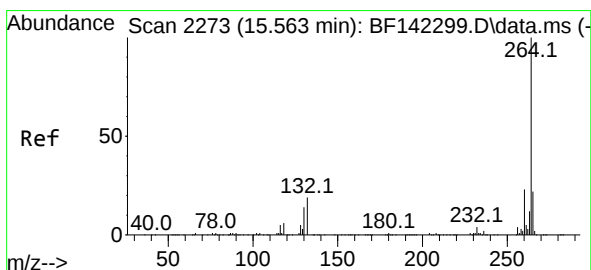
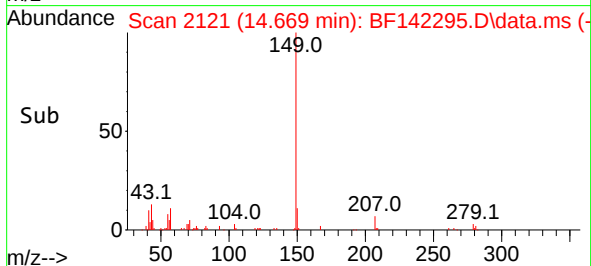
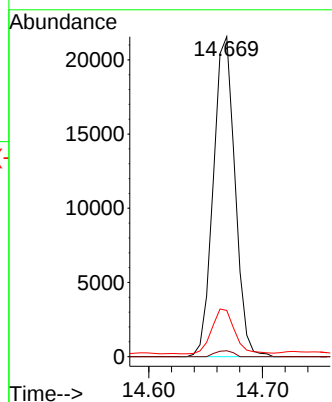
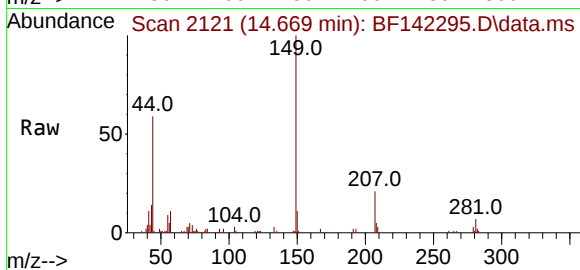
Tgt Ion:149 Resp: 28591

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 14.8 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

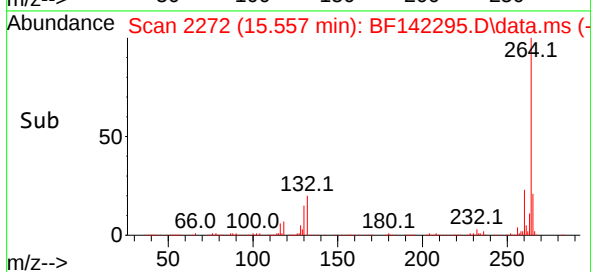
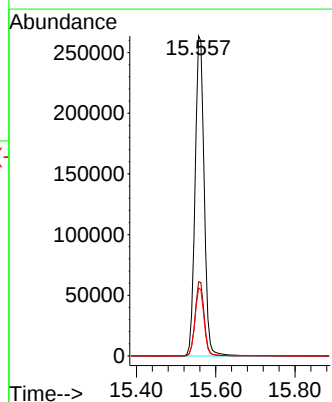
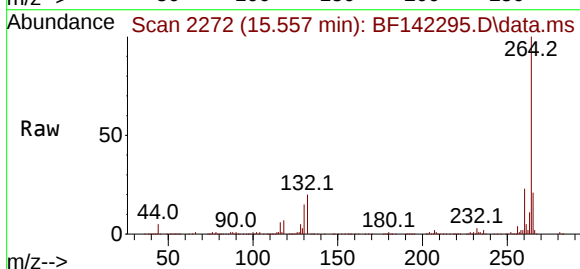
Tgt Ion:264 Resp: 417952

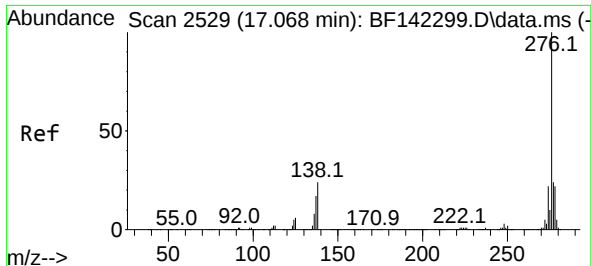
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.3 17.5 26.3

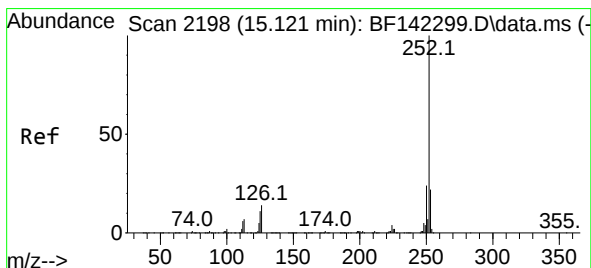
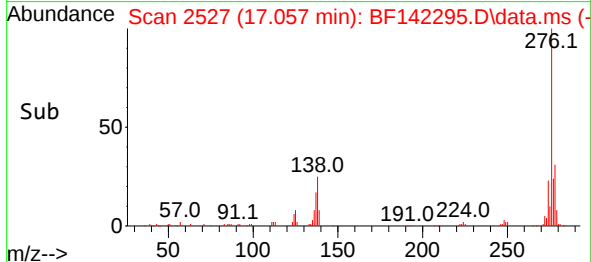
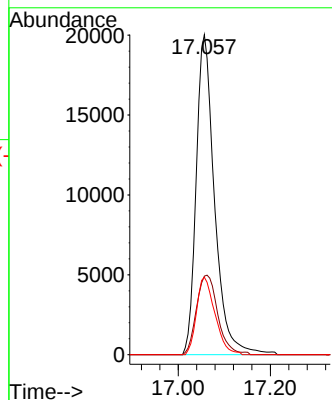
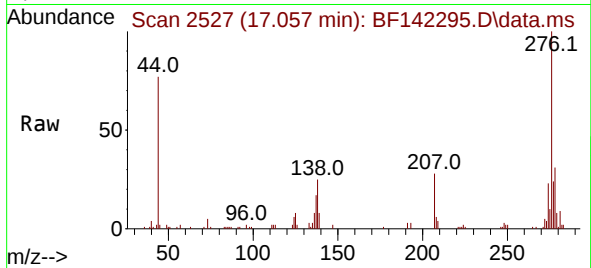




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 1.909 ng  
RT: 17.057 min Scan# 2197  
Delta R.T. -0.012 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

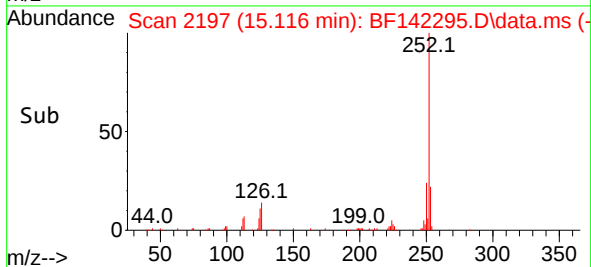
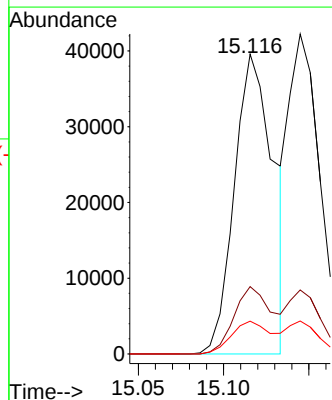
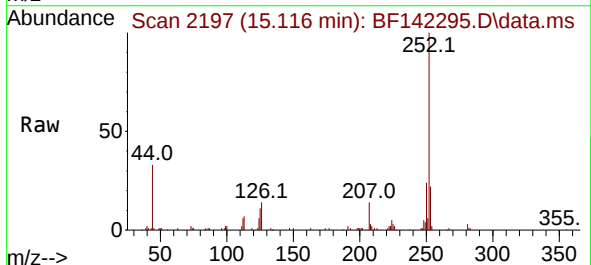
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

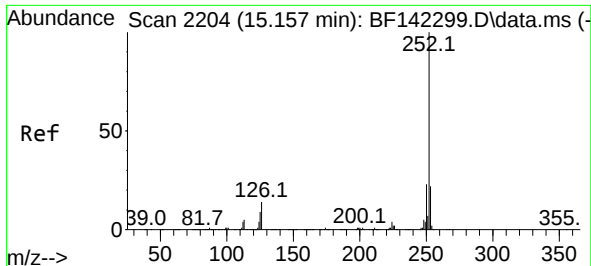
Tgt Ion:276 Resp: 55504  
Ion Ratio Lower Upper  
276 100  
138 28.8 22.0 33.0  
277 24.3 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 2.490 ng  
RT: 15.116 min Scan# 2197  
Delta R.T. -0.006 min  
Lab File: BF142295.D  
Acq: 05 May 2025 13:54

Tgt Ion:252 Resp: 63032  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 10.9 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 2.434 ng

RT: 15.145 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

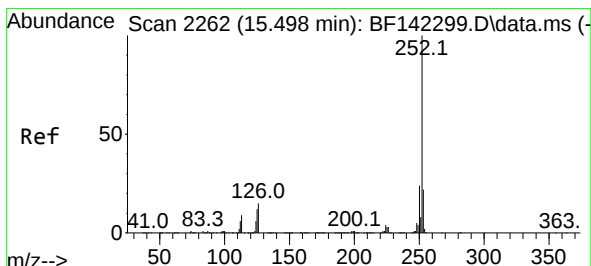
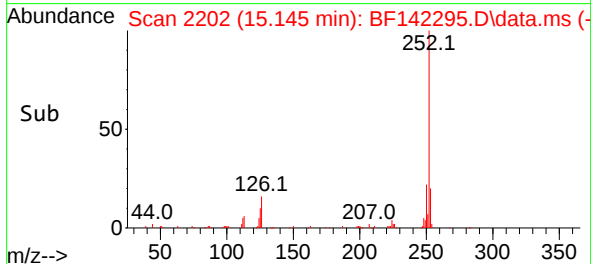
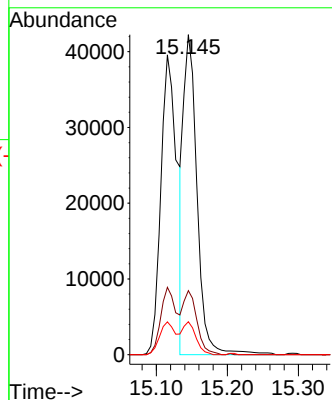
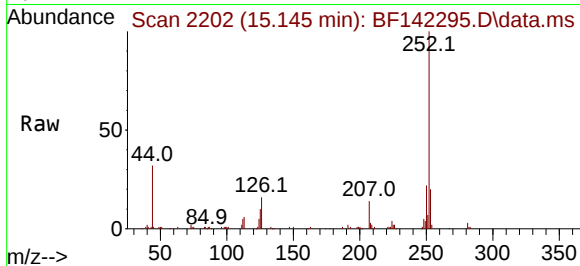
Tgt Ion:252 Resp: 56393

Ion Ratio Lower Upper

252 100

253 20.0 17.6 26.4

125 10.3 8.1 12.1



#90

Benzo(a)pyrene

Concen: 2.206 ng

RT: 15.492 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

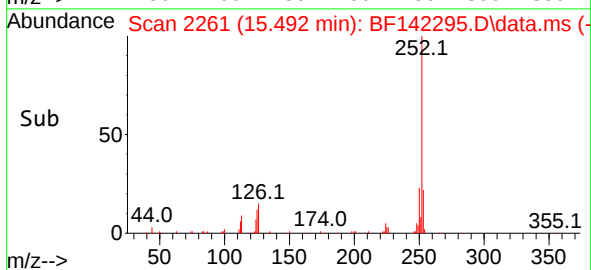
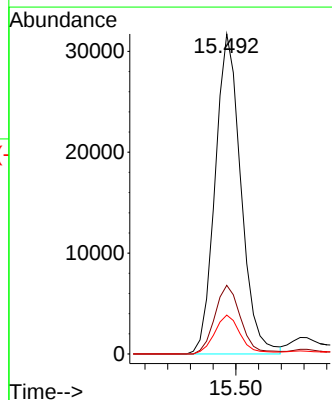
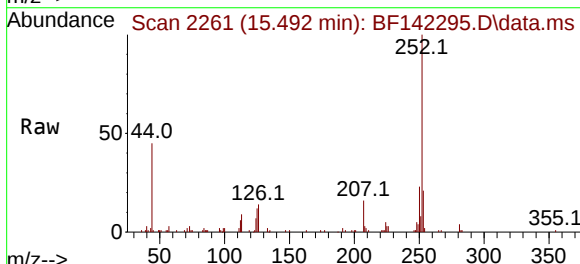
Tgt Ion:252 Resp: 50045

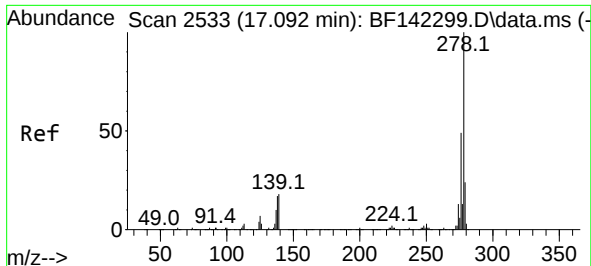
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 12.2 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 1.885 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

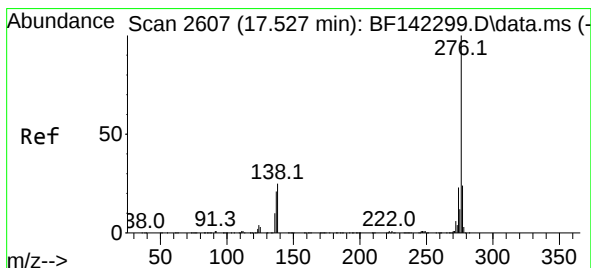
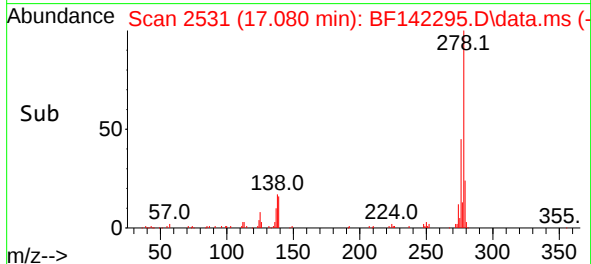
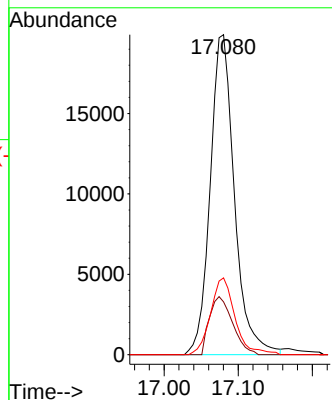
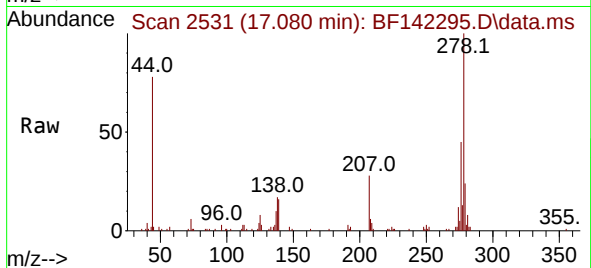
Tgt Ion:278 Resp: 45288

Ion Ratio Lower Upper

278 100

139 16.5 14.5 21.7

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 1.950 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.018 min

Lab File: BF142295.D

Acq: 05 May 2025 13:54

Tgt Ion:276 Resp: 46495

Ion Ratio Lower Upper

276 100

277 22.2 19.0 28.6

138 23.4 19.8 29.6

