

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112425\  
 Data File : BF144329.D  
 Acq On : 24 Nov 2025 17:48  
 Operator : RC/JU  
 Sample : Q3707-03MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 V933MS

Quant Time: Nov 25 00:26:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 54766    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.145  | 136  | 205072   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 113997   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 189321   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.045 | 240  | 118753   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 159119   | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 419706   | 119.926 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 452322   | 114.066 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 319756   | 90.054  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 180872   | 126.437 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 665060   | 86.164  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 676665   | 90.509  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.751  | 88   | 65445    | 45.232  | ng    | # 78     |
| 3) Pyridine                   | 3.493  | 79   | 158171   | 39.184  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 98454    | 46.693  | ng    | 92       |
| 6) Aniline                    | 6.528  | 93   | 148216   | 26.234  | ng    | # 77     |
| 8) 2-Chlorophenol             | 6.651  | 128  | 160225   | 46.684  | ng    | 99       |
| 9) Benzaldehyde               | 6.416  | 77   | 53337    | 23.820  | ng    | 97       |
| 10) Phenol                    | 6.516  | 94   | 200137   | 41.308  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 171129   | 48.474  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 190089   | 44.884  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 196929   | 46.413  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 188579   | 46.371  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 150845   | 48.040  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 315556   | 48.538  | ng    | 98       |
| 17) 2-Methylphenol            | 7.122  | 107  | 126497   | 46.329  | ng    | 99       |
| 18) Hexachloroethane          | 7.375  | 117  | 64267    | 45.591  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 118358   | 45.340  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 144154   | 44.788  | ng    | 91       |
| 22) Acetophenone              | 7.275  | 105  | 207807   | 47.237  | ng    | 98       |
| 24) Nitrobenzene              | 7.445  | 77   | 182099   | 47.234  | ng    | 99       |
| 25) Isophorone                | 7.686  | 82   | 322230   | 47.978  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 92599    | 48.521  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 156654   | 54.766  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 209183   | 49.876  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 155382   | 47.131  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 158730   | 46.887  | ng    | 98       |
| 31) Naphthalene               | 8.169  | 128  | 457761   | 46.925  | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 92811    | 44.265  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 55001    | 15.459  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.280  | 225  | 110648   | 43.369  | ng    | 97       |
| 35) Caprolactam               | 8.592  | 113  | 25759    | 28.519  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 139405   | 47.182  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 289102   | 44.326  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 285787   | 45.412  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.027  | 216  | 172759   | 46.241  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 127858   | 85.342  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 115873   | 45.569  | ng    | 99       |

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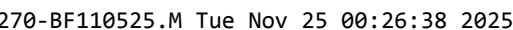
Instrument :  
 BNA\_F  
 ClientSampleId :  
 V933MS

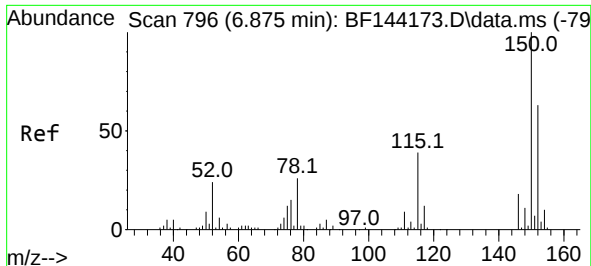
Quant Time: Nov 25 00:26:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.186  | 196  | 126665   | 46.218 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.322  | 154  | 381944   | 47.999 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.351  | 162  | 311752   | 45.929 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.451  | 65   | 94133    | 48.064 | ng    | 91       |
| 49) Acenaphthylene             | 9.769  | 152  | 490549   | 53.033 | ng    | 99       |
| 50) Dimethylphthalate          | 9.622  | 163  | 366337   | 48.508 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.692  | 165  | 78967    | 51.654 | ng    | 91       |
| 52) Acenaphthene               | 9.939  | 154  | 274447   | 44.370 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.863  | 138  | 50642    | 30.303 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.974  | 184  | 83235    | 90.163 | ng    | 96       |
| 55) Dibenzofuran               | 10.110 | 168  | 400031   | 46.177 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.033 | 139  | 96594    | 79.904 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.098 | 165  | 100987   | 49.344 | ng    | 98       |
| 58) Fluorene                   | 10.457 | 166  | 315378   | 47.882 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.233 | 232  | 92716    | 47.817 | ng    | 99       |
| 60) Diethylphthalate           | 10.322 | 149  | 329027   | 47.261 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.445 | 204  | 172847   | 46.070 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.474 | 138  | 75197    | 47.249 | ng    | 92       |
| 63) Azobenzene                 | 10.604 | 77   | 318969   | 49.230 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 10.510 | 198  | 57239    | 44.505 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.563 | 169  | 304483   | 50.005 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.933 | 248  | 112421   | 46.522 | ng    | 95       |
| 68) Hexachlorobenzene          | 11.004 | 284  | 130175   | 45.735 | ng    | 97       |
| 69) Atrazine                   | 11.092 | 200  | 95595    | 49.366 | ng    | 99       |
| 70) Pentachlorophenol          | 11.204 | 266  | 130353   | 91.969 | ng    | 97       |
| 71) Phenanthrene               | 11.421 | 178  | 449735   | 47.712 | ng    | 99       |
| 72) Anthracene                 | 11.474 | 178  | 463190   | 48.326 | ng    | 100      |
| 73) Carbazole                  | 11.627 | 167  | 400707   | 49.165 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.951 | 149  | 489367   | 49.669 | ng    | 99       |
| 75) Fluoranthene               | 12.610 | 202  | 459617   | 47.203 | ng    | 99       |
| 77) Benzidine                  | 12.733 | 184  | 73313    | 20.871 | ng    | 99       |
| 78) Pyrene                     | 12.839 | 202  | 464868   | 48.551 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.457 | 149  | 173005   | 52.132 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.033 | 228  | 412547   | 50.124 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.992 | 252  | 86695    | 30.730 | ng    | 97       |
| 83) Chrysene                   | 14.068 | 228  | 376479   | 49.551 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha...  | 14.010 | 149  | 227320   | 50.038 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.627 | 149  | 397359   | 50.696 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 17.033 | 276  | 554009   | 48.503 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.092 | 252  | 434468   | 48.027 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.121 | 252  | 409276   | 48.336 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.462 | 252  | 422358   | 50.609 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.045 | 278  | 444089   | 48.411 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.486 | 276  | 458955   | 50.665 | ng    | 98       |

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

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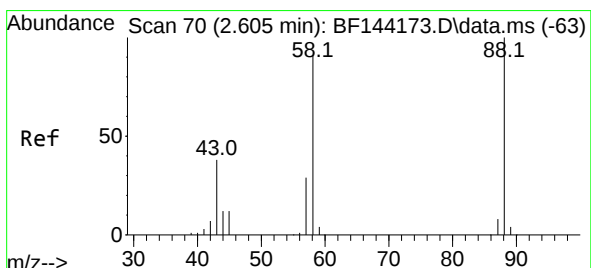
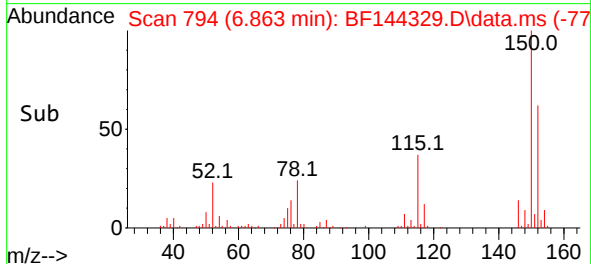
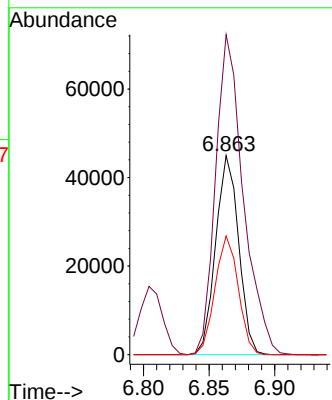
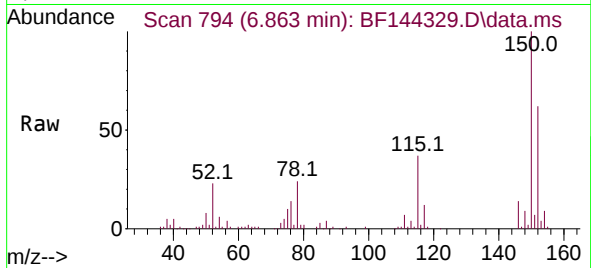




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

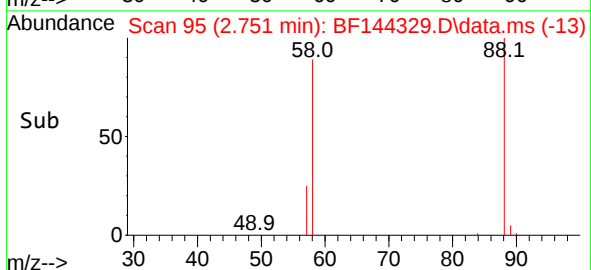
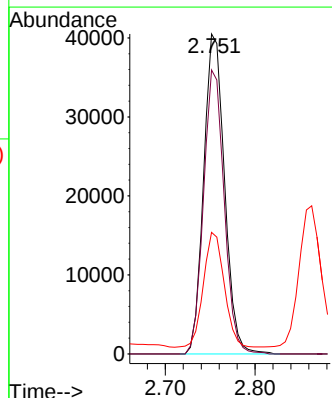
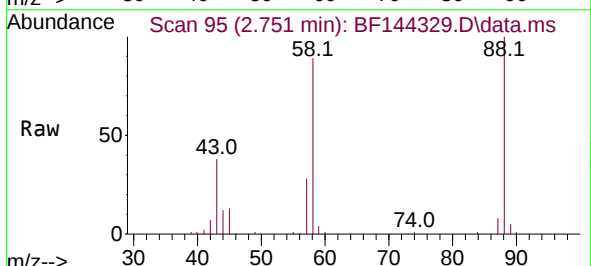
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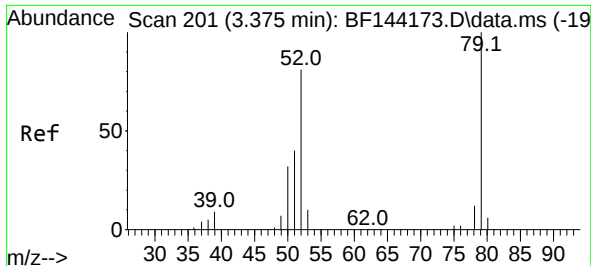
Tgt Ion:152 Resp: 54766  
Ion Ratio Lower Upper  
152 100  
150 160.8 127.4 191.0  
115 59.6 49.5 74.3



#2  
1,4-Dioxane  
Concen: 45.232 ng  
RT: 2.751 min Scan# 95  
Delta R.T. 0.135 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion: 88 Resp: 65445  
Ion Ratio Lower Upper  
88 100  
58 87.7 73.1 109.7  
43 0.0 31.0 46.6

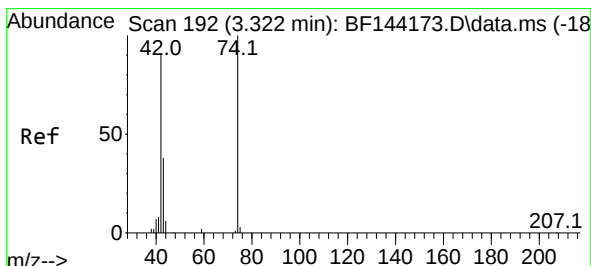
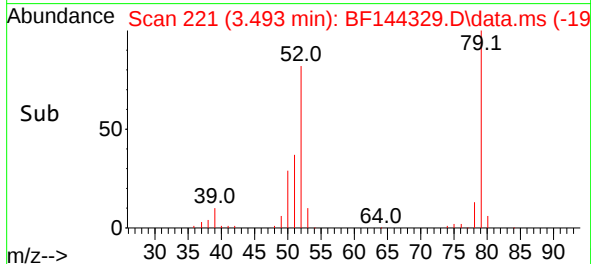
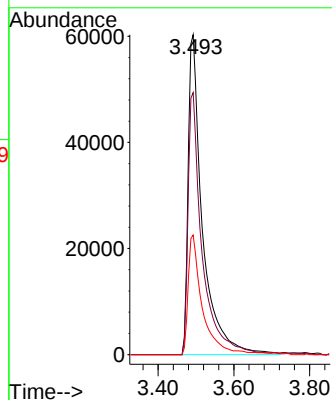
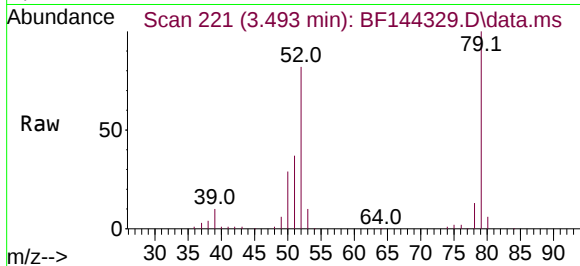




#3  
Pyridine  
Concen: 39.184 ng  
RT: 3.493 min Scan# 21  
Delta R.T. 0.082 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

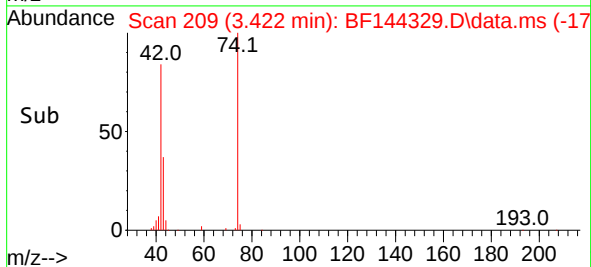
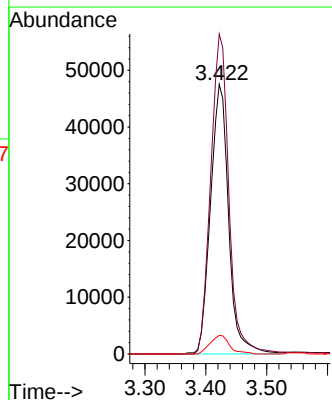
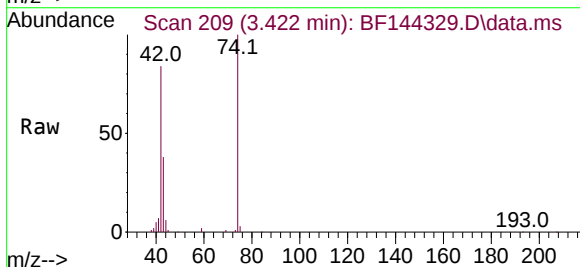
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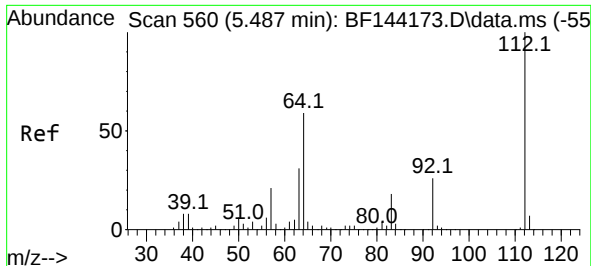
Tgt Ion: 79 Resp: 158171  
Ion Ratio Lower Upper  
79 100  
52 81.9 64.5 96.7  
51 37.4 31.7 47.5



#4  
n-Nitrosodimethylamine  
Concen: 46.693 ng  
RT: 3.422 min Scan# 209  
Delta R.T. 0.076 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion: 42 Resp: 98454  
Ion Ratio Lower Upper  
42 100  
74 118.7 88.2 132.4  
44 6.8 5.7 8.5

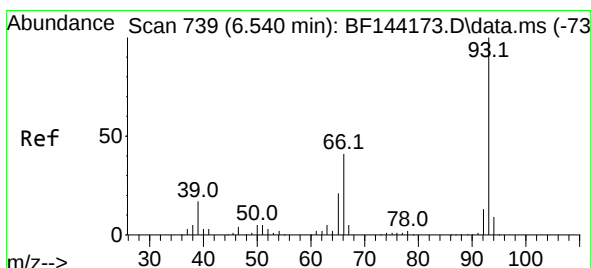
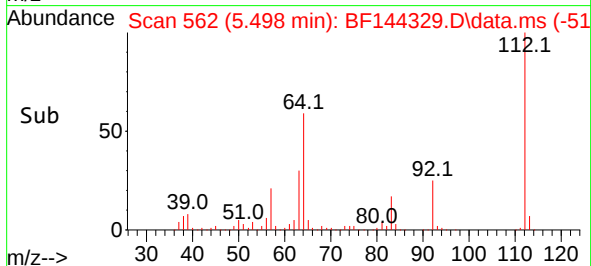
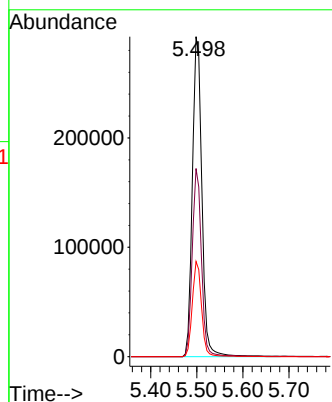
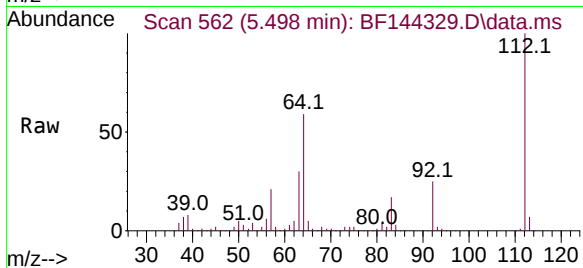




#5  
2-Fluorophenol  
Concen: 119.926 ng  
RT: 5.498 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

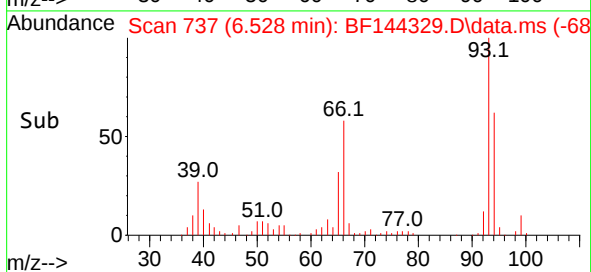
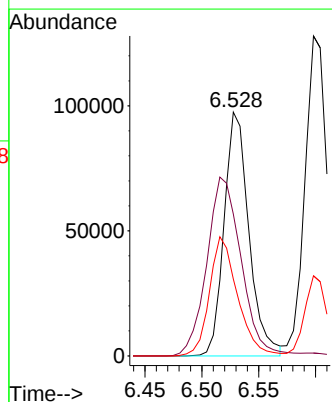
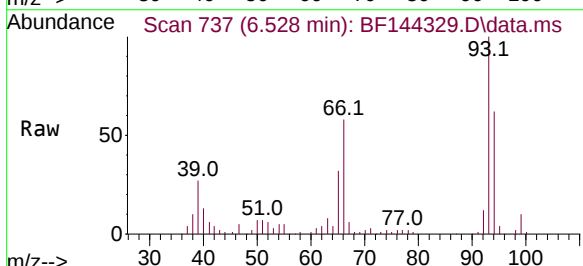
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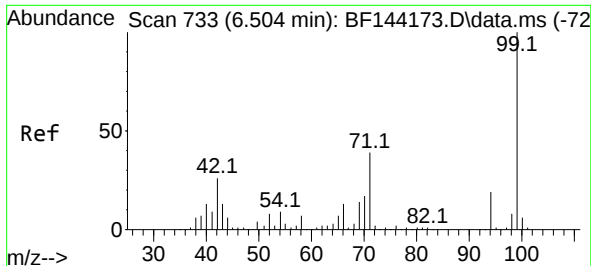
Tgt Ion:112 Resp: 419706  
Ion Ratio Lower Upper  
112 100  
64 58.8 47.2 70.8  
63 29.8 24.4 36.6



#6  
Aniline  
Concen: 26.234 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion: 93 Resp: 148216  
Ion Ratio Lower Upper  
93 100  
66 58.2 34.3 51.5#  
65 31.5 16.9 25.3#





#7

Phenol-d6

Concen: 114.066 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

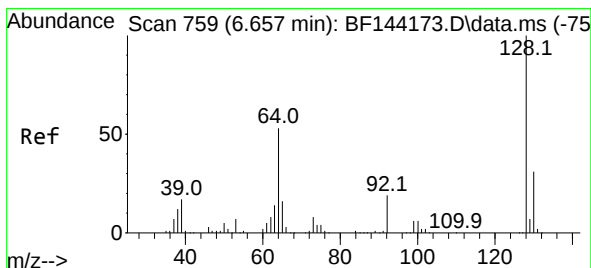
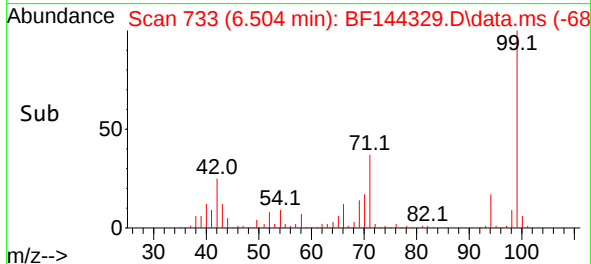
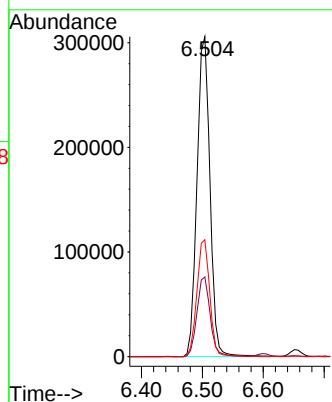
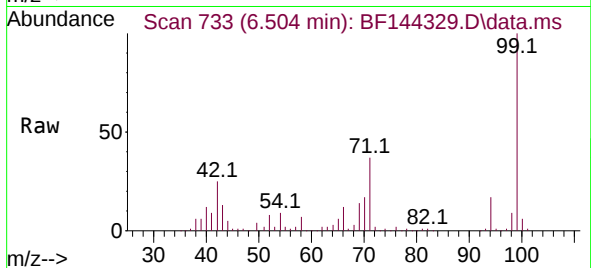
Tgt Ion: 99 Resp: 452322

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 36.5 31.4 47.2



#8

2-Chlorophenol

Concen: 46.684 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144329.D

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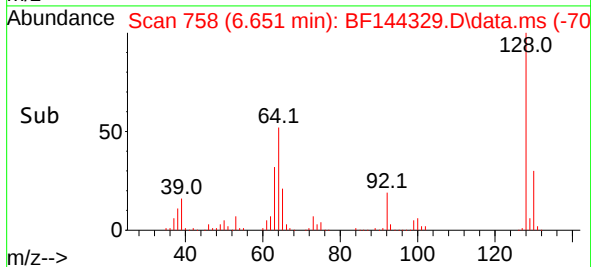
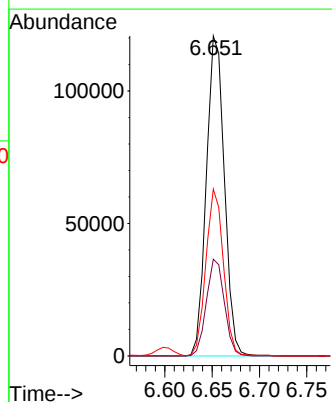
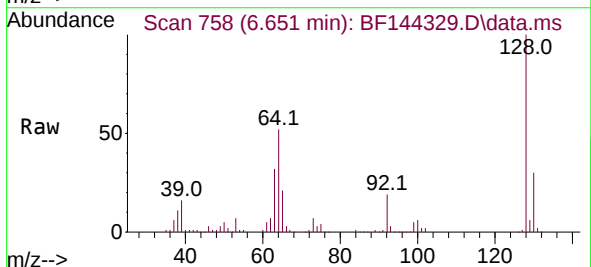
Tgt Ion:128 Resp: 160225

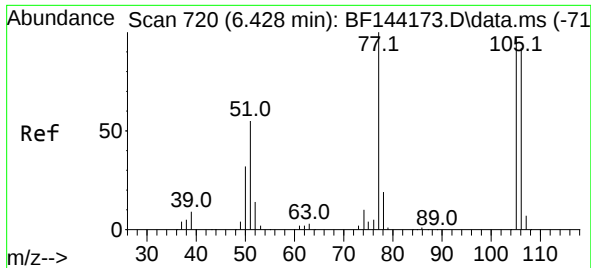
Ion Ratio Lower Upper

128 100

130 30.2 10.5 50.5

64 52.1 33.2 73.2

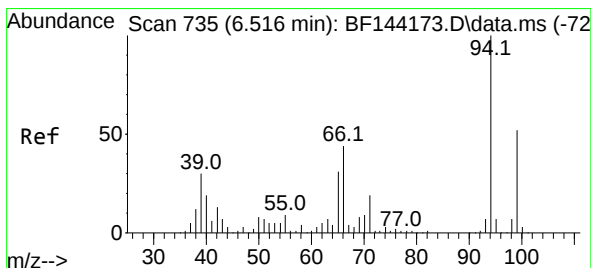
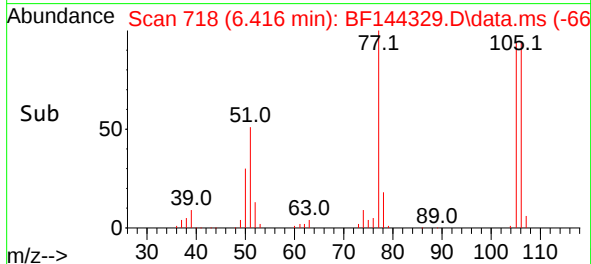
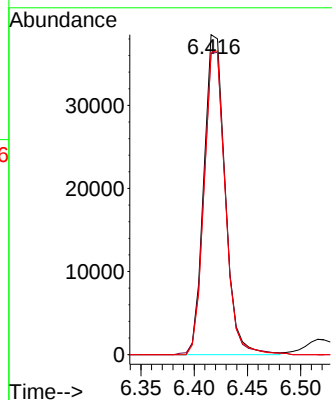
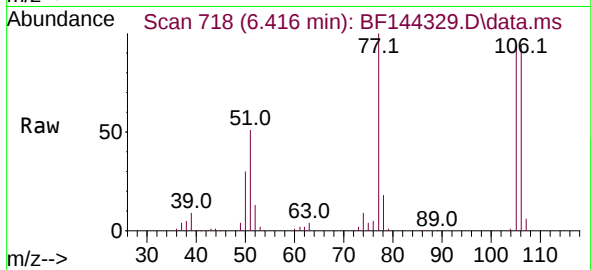




#9  
Benzaldehyde  
Concen: 23.820 ng  
RT: 6.416 min Scan# 718  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

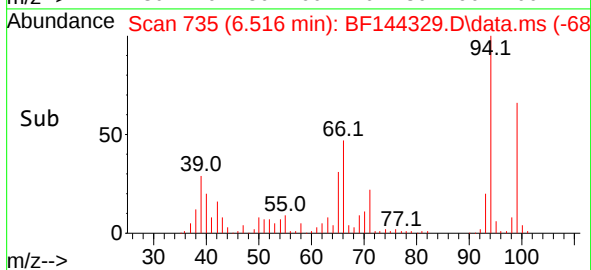
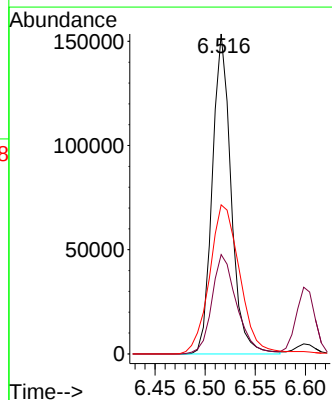
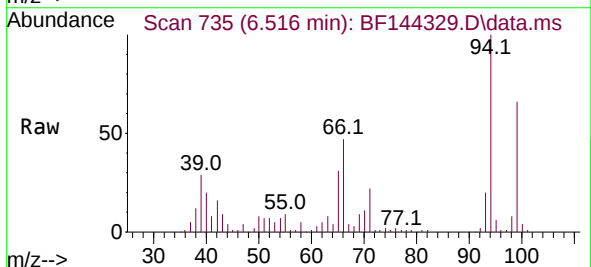
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

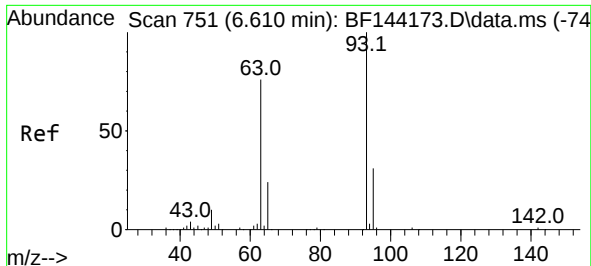
Tgt Ion: 77 Resp: 53337  
Ion Ratio Lower Upper  
77 100  
105 94.2 77.2 117.2  
106 94.5 72.2 112.2



#10  
Phenol  
Concen: 41.308 ng  
RT: 6.516 min Scan# 735  
Delta R.T. 0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion: 94 Resp: 200137  
Ion Ratio Lower Upper  
94 100  
65 31.0 10.8 50.8  
66 46.6 24.3 64.3

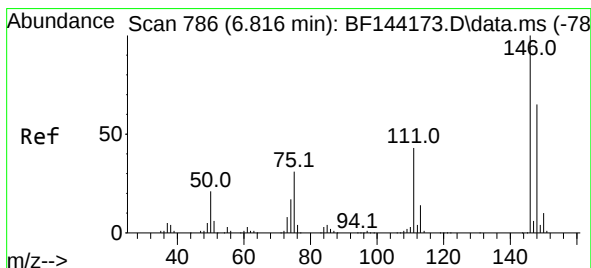
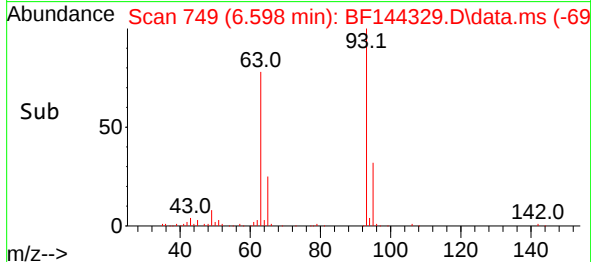
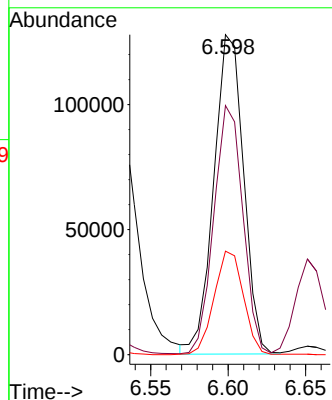
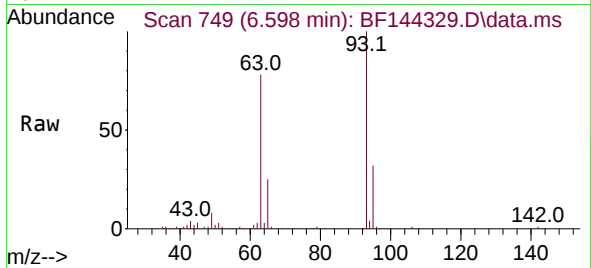




#11  
bis(2-Chloroethyl)ether  
Concen: 48.474 ng  
RT: 6.598 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

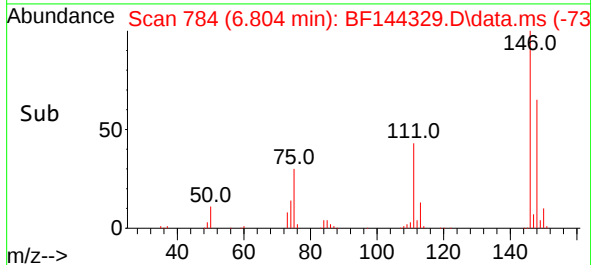
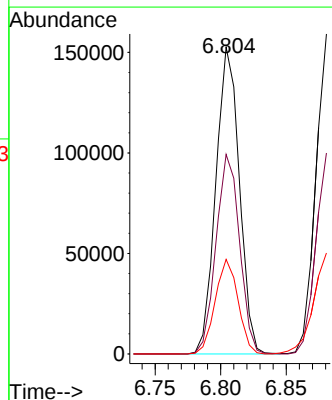
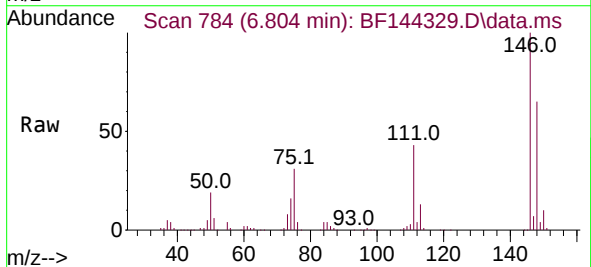
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

Tgt Ion: 93 Resp: 171129  
Ion Ratio Lower Upper  
93 100  
63 77.8 55.2 95.2  
95 32.3 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 44.884 ng  
RT: 6.804 min Scan# 784  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:146 Resp: 190089  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
75 30.8 25.0 37.4

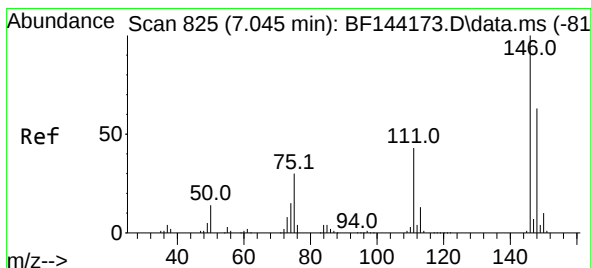
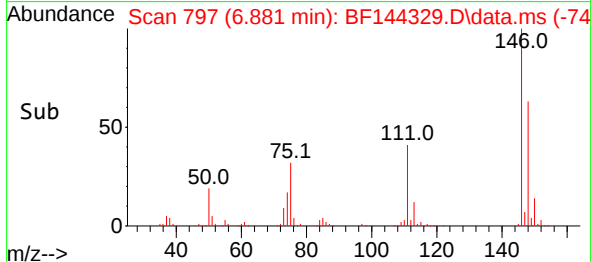
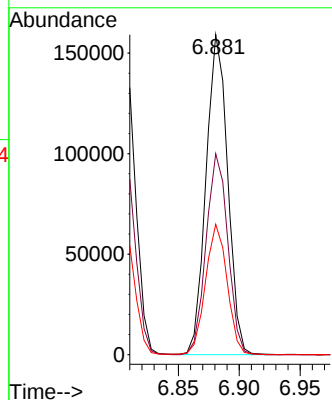
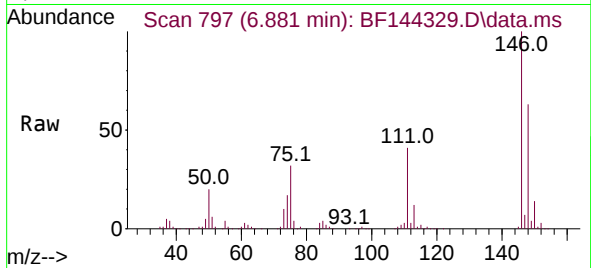




#13  
1,4-Dichlorobenzene  
Concen: 46.413 ng  
RT: 6.881 min Scan# 799  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

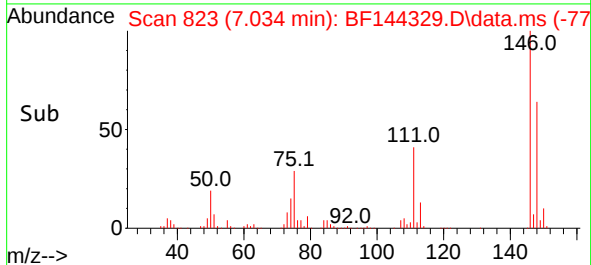
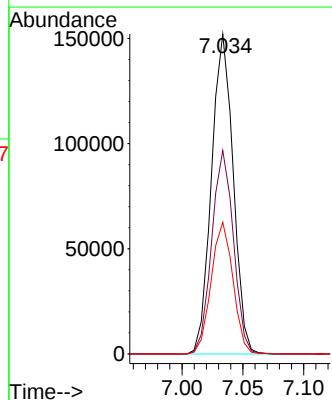
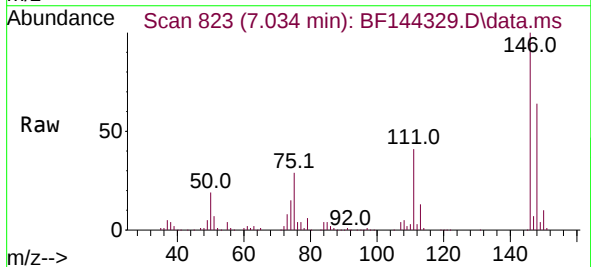
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

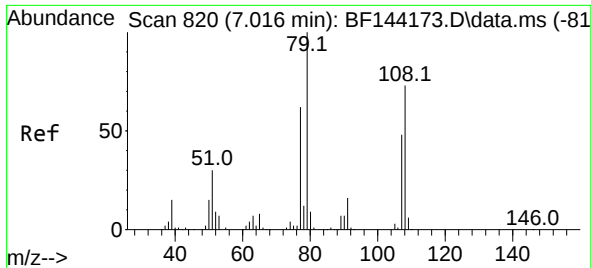
Tgt Ion:146 Resp: 196929  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.2 75.2  
111 40.7 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 46.371 ng  
RT: 7.034 min Scan# 823  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:146 Resp: 188579  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.7 76.1  
111 41.2 34.2 51.4

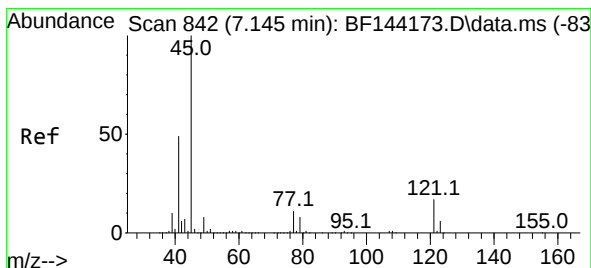
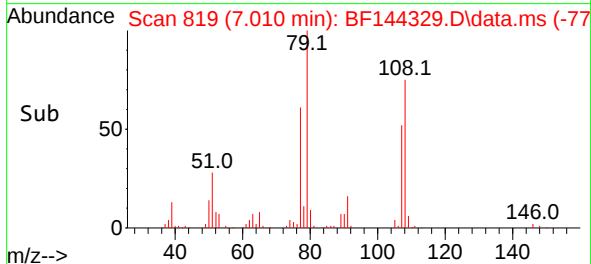
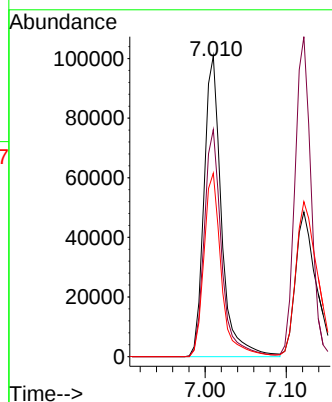
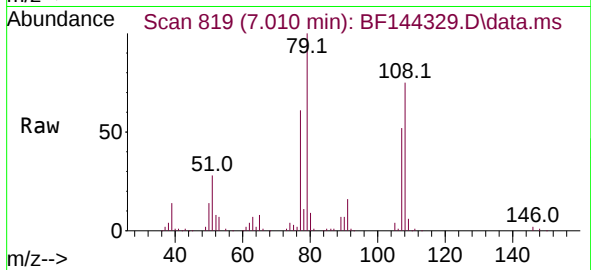




#15  
Benzyl Alcohol  
Concen: 48.040 ng  
RT: 7.010 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

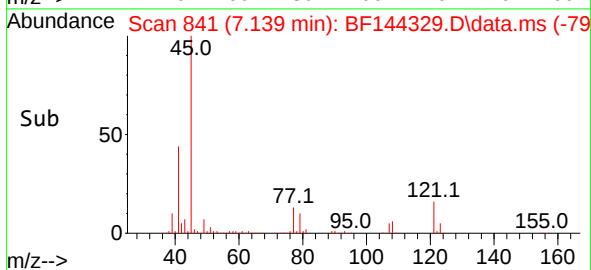
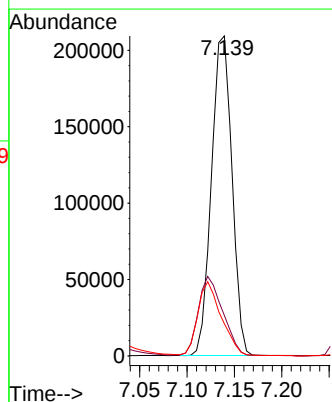
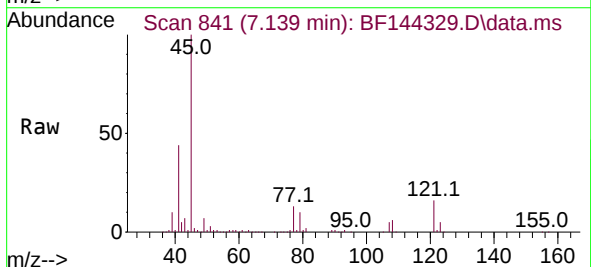
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

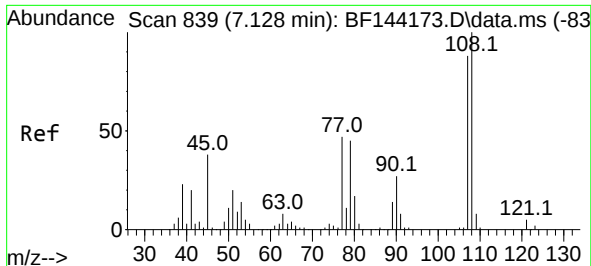
Tgt Ion: 79 Resp: 150845  
Ion Ratio Lower Upper  
79 100  
108 75.5 58.2 87.4  
77 61.0 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.538 ng  
RT: 7.139 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion: 45 Resp: 315556  
Ion Ratio Lower Upper  
45 100  
77 12.6 0.0 31.8  
79 10.1 0.0 29.1

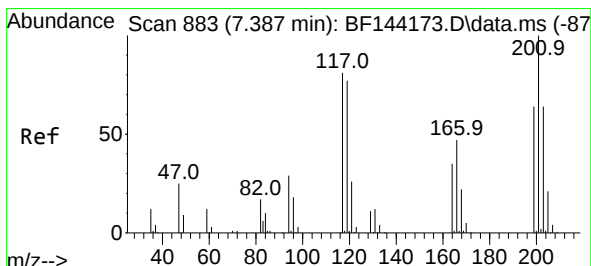
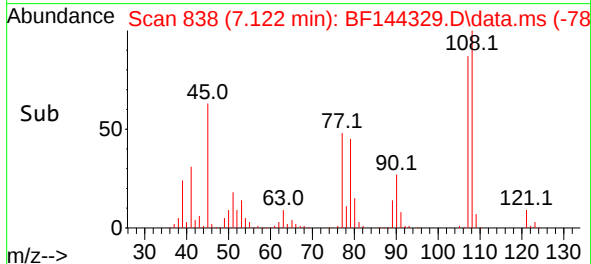
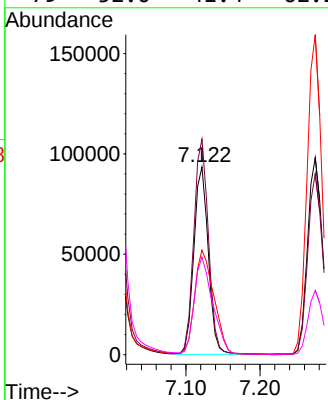
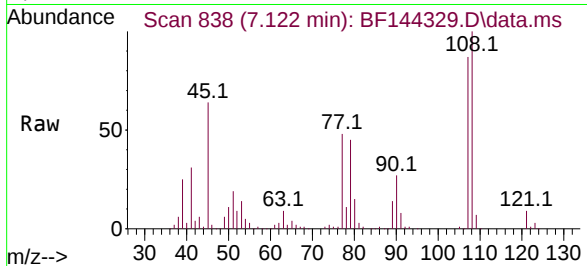




#17  
2-Methylphenol  
Concen: 46.329 ng  
RT: 7.122 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

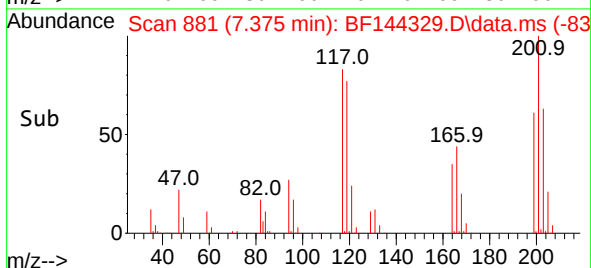
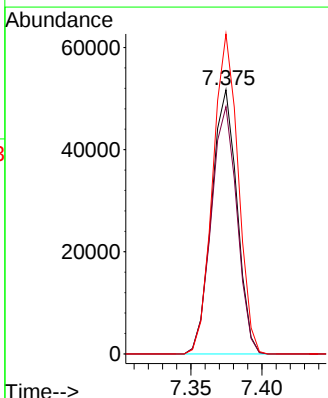
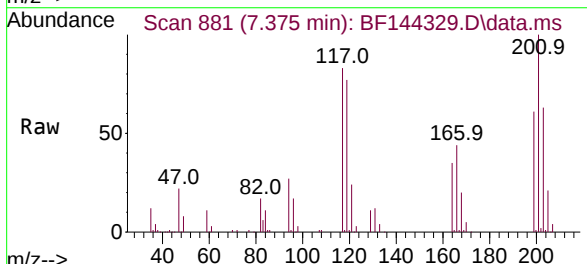
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 126497 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.9 | 91.0  | 136.4  |
| 77       | 55.6  | 42.7  | 64.1   |
| 79       | 52.0  | 41.4  | 62.2   |



#18  
Hexachloroethane  
Concen: 45.591 ng  
RT: 7.375 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 64267 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.6  | 75.8  | 113.8 |
| 201      | 121.2 | 98.9  | 148.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 45.340 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

Tgt Ion: 70 Resp: 118358

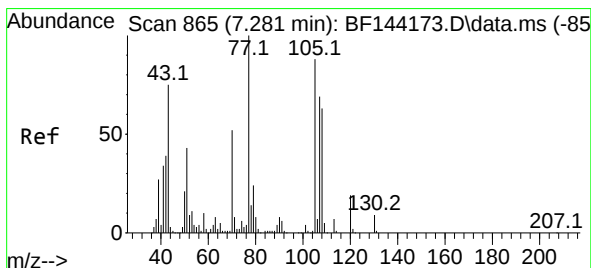
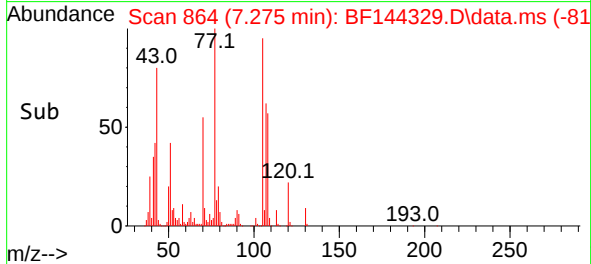
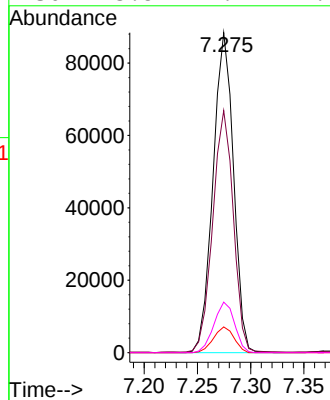
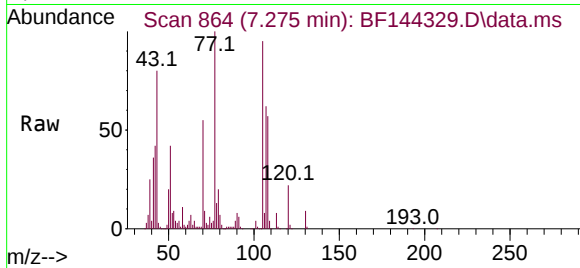
Ion Ratio Lower Upper

70 100

42 75.6 58.3 87.5

101 8.0 7.0 10.6

130 15.8 14.4 21.6



#20

3+4-Methylphenols

Concen: 44.788 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Tgt Ion:107 Resp: 144154

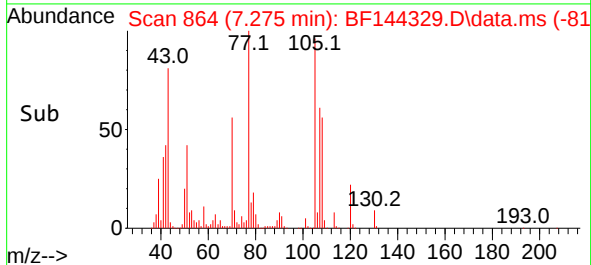
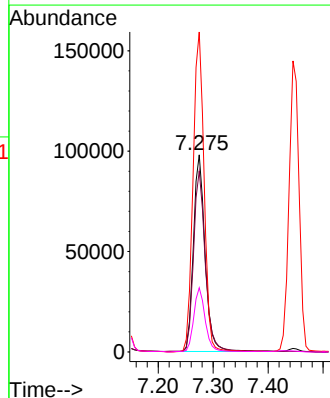
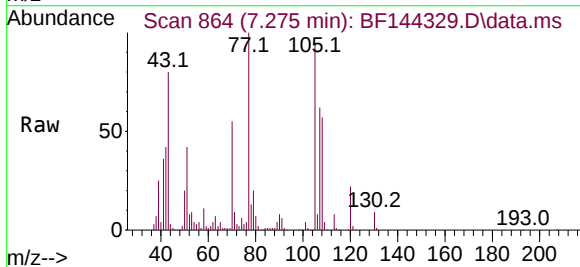
Ion Ratio Lower Upper

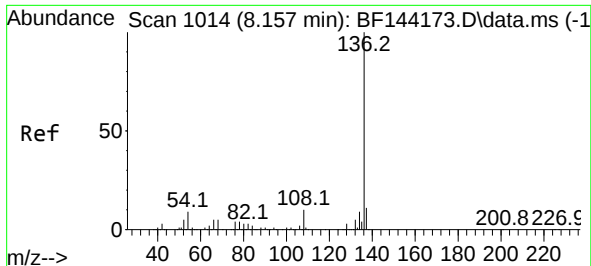
107 100

108 91.8 70.2 110.2

77 162.4 123.9 163.9

79 32.5 14.2 54.2

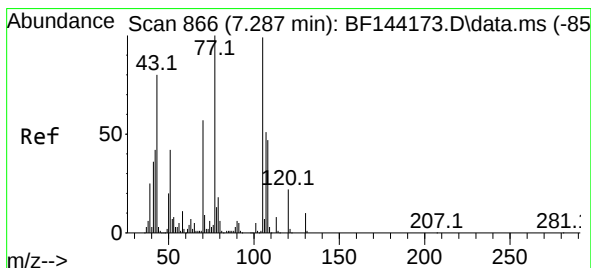
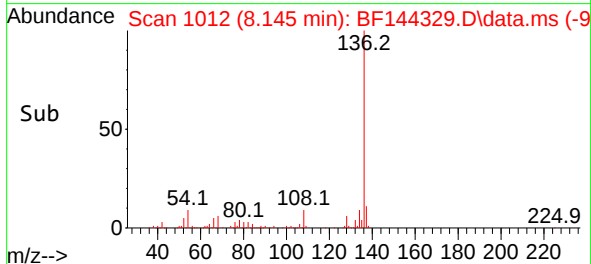
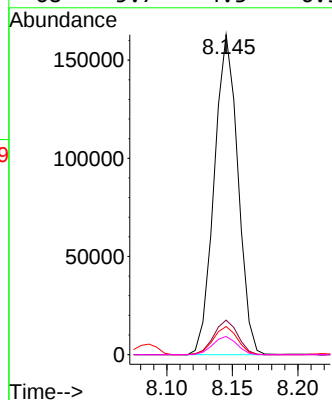
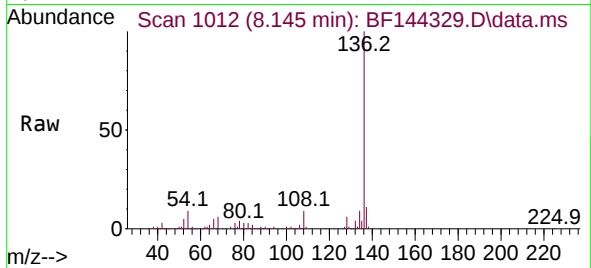




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

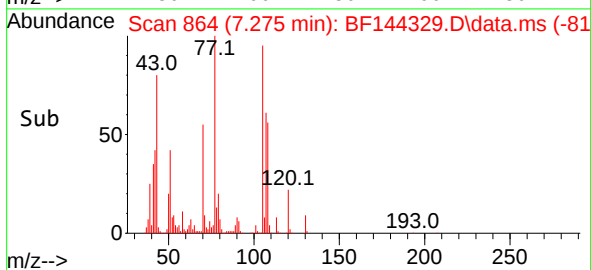
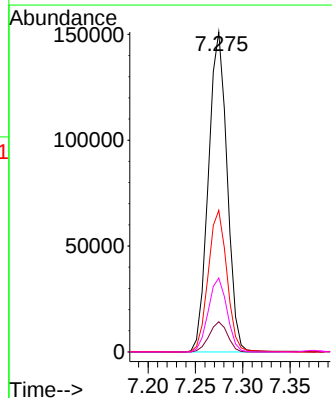
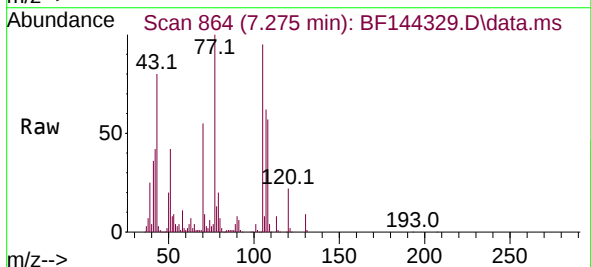
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

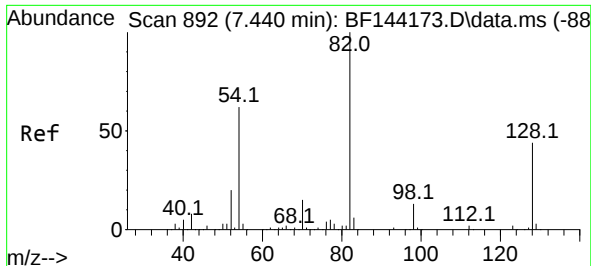
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 205072 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 8.8   | 7.0   | 10.6   |
| 68       | 5.7   | 4.3   | 6.5    |



#22  
Acetophenone  
Concen: 47.237 ng  
RT: 7.275 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 207807 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 9.4   | 7.2   | 10.8   |
| 51       | 44.2  | 34.0  | 51.0   |
| 120      | 23.1  | 17.8  | 26.6   |





#23

Nitrobenzene-d5

Concen: 90.054 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

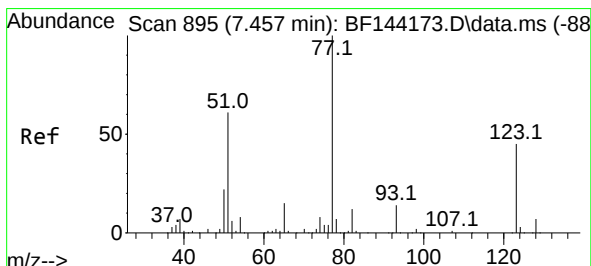
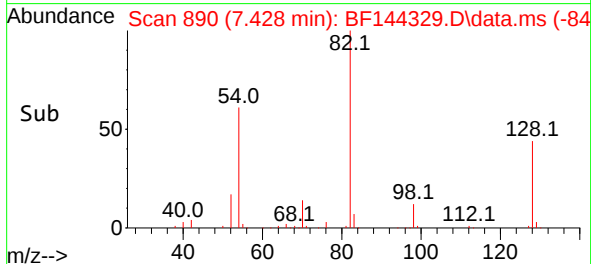
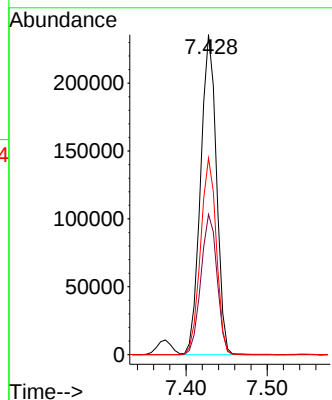
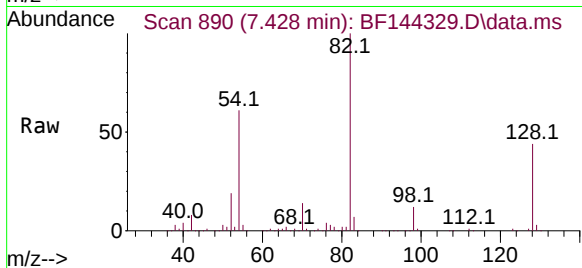
Tgt Ion: 82 Resp: 319756

Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

54 61.4 49.5 74.3



#24

Nitrobenzene

Concen: 47.234 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

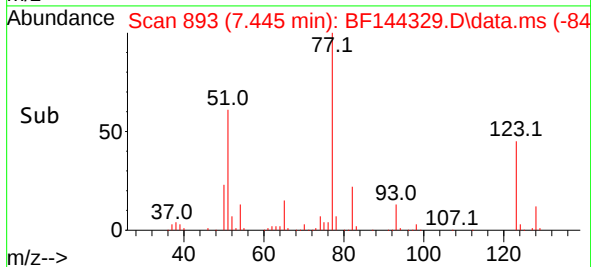
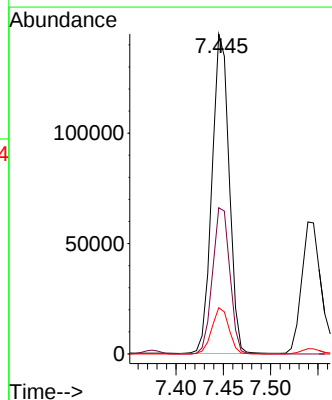
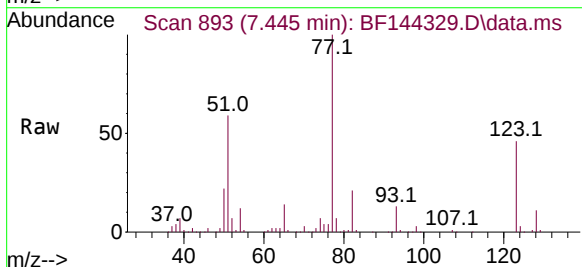
Tgt Ion: 77 Resp: 182099

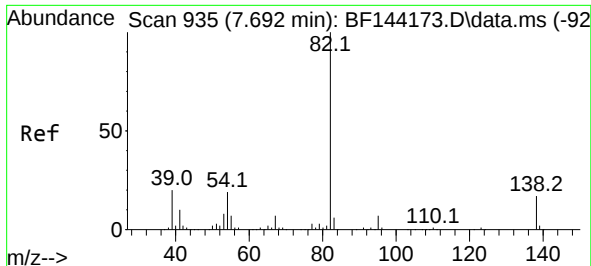
Ion Ratio Lower Upper

77 100

123 45.7 35.8 53.8

65 14.4 12.2 18.2

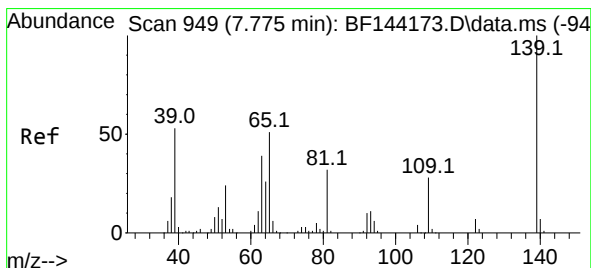
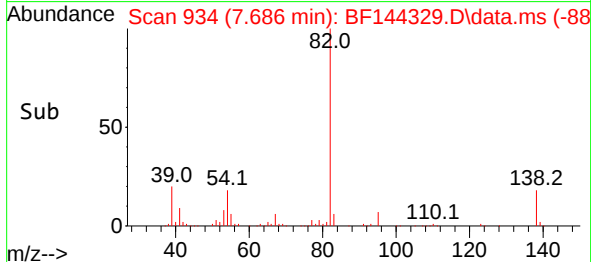
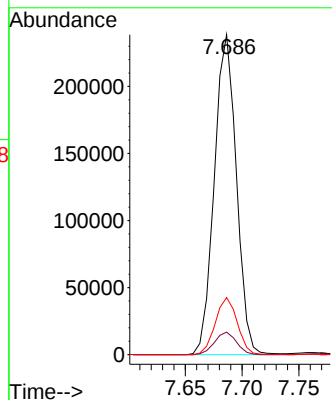
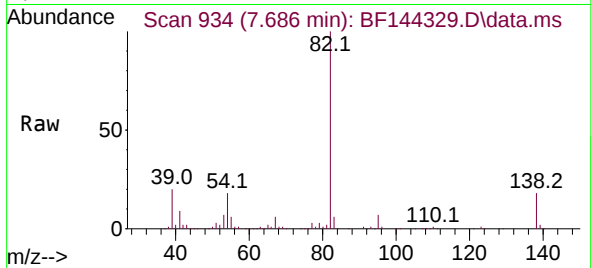




#25  
Isophorone  
Concen: 47.978 ng  
RT: 7.686 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

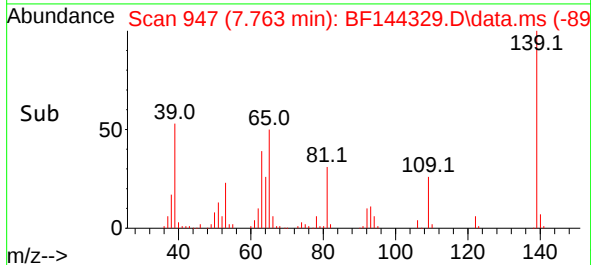
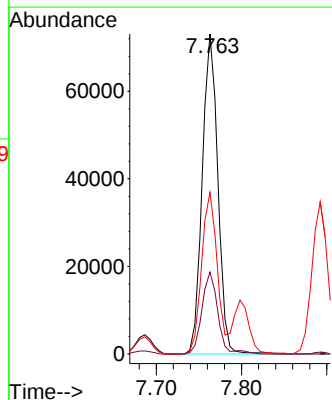
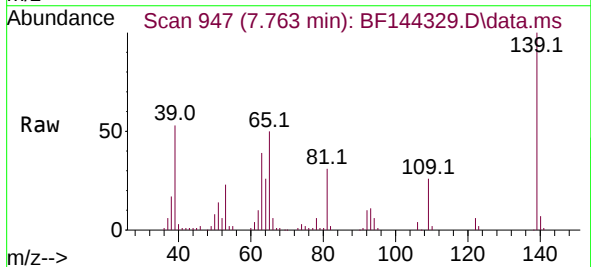
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

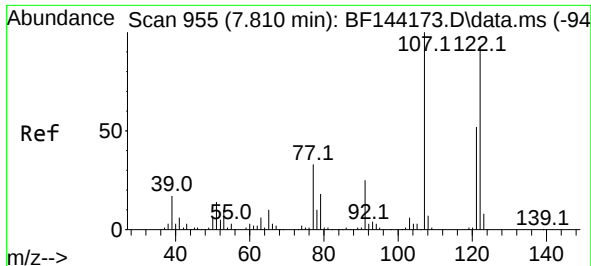
Tgt Ion: 82 Resp: 322230  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 17.8 13.7 20.5



#26  
2-Nitrophenol  
Concen: 48.521 ng  
RT: 7.763 min Scan# 947  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion: 139 Resp: 92599  
Ion Ratio Lower Upper  
139 100  
109 25.6 22.2 33.2  
65 50.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 54.766 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

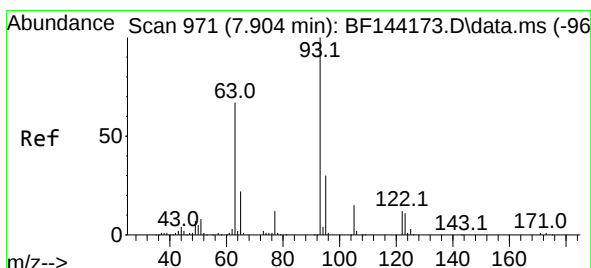
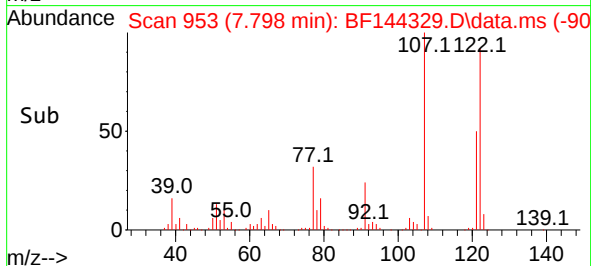
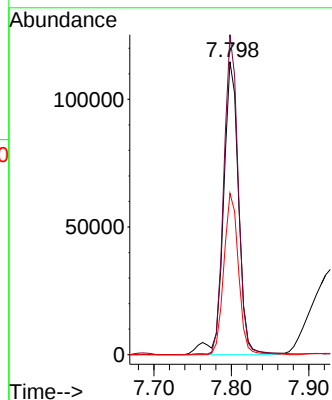
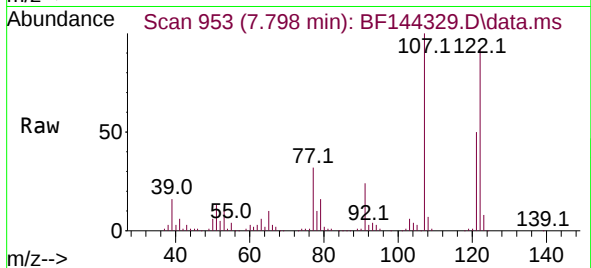
Tgt Ion:122 Resp: 156654

Ion Ratio Lower Upper

122 100

107 109.2 86.2 129.4

121 55.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 49.876 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

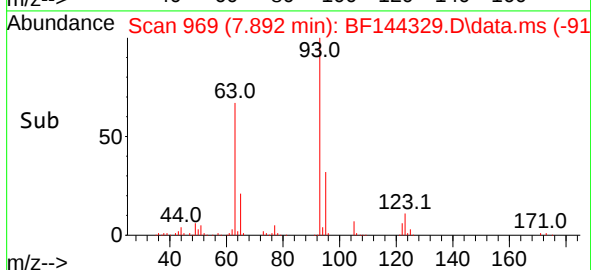
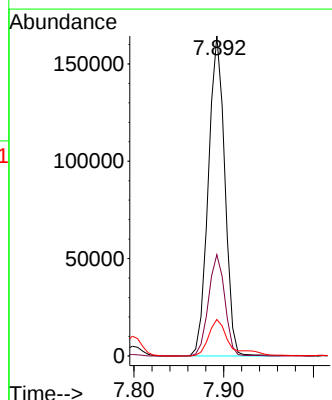
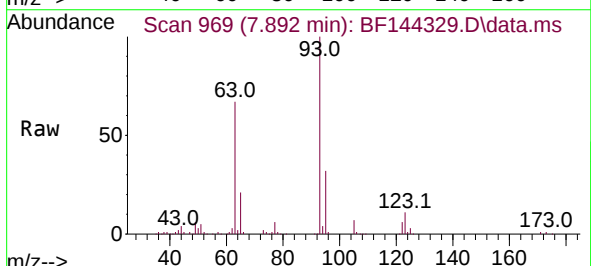
Tgt Ion: 93 Resp: 209183

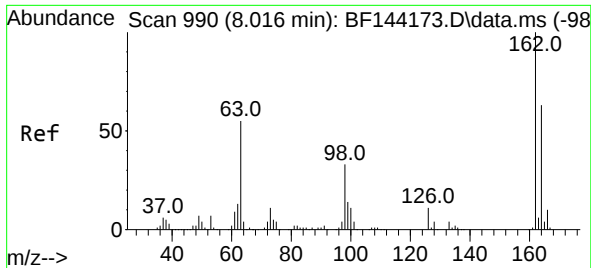
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.131 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

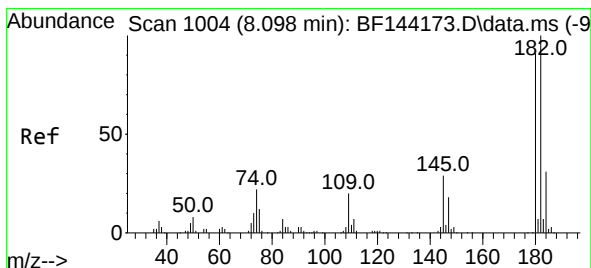
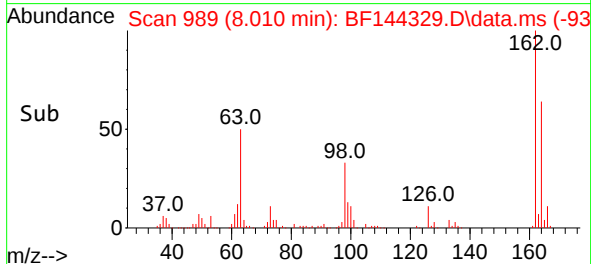
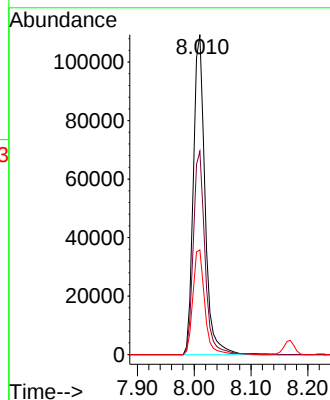
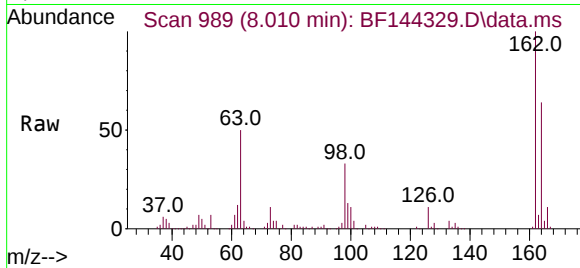
Tgt Ion:162 Resp: 155382

Ion Ratio Lower Upper

162 100

164 63.5 42.9 82.9

98 32.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 46.887 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

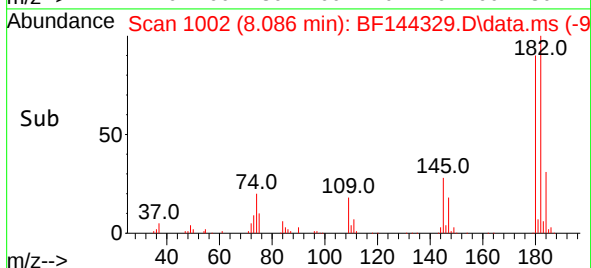
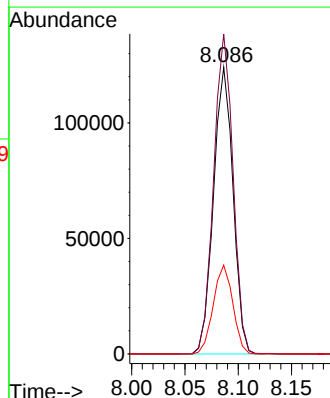
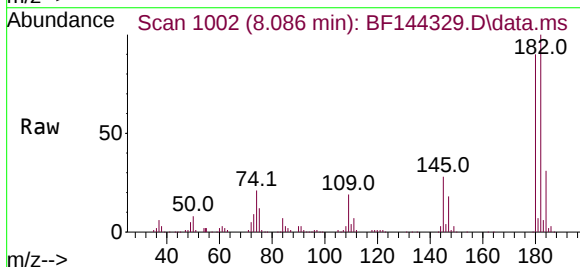
Tgt Ion:180 Resp: 158730

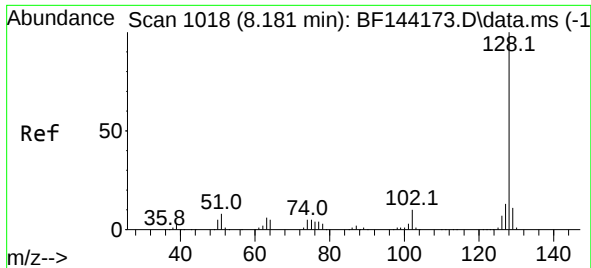
Ion Ratio Lower Upper

180 100

182 111.6 87.7 131.5

145 30.9 25.4 38.0

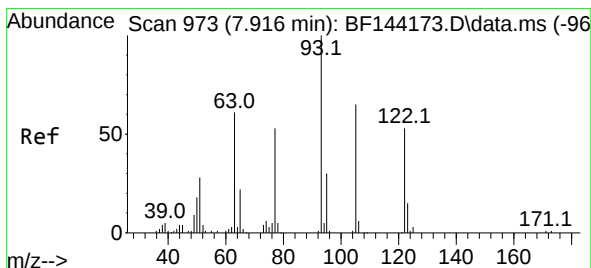
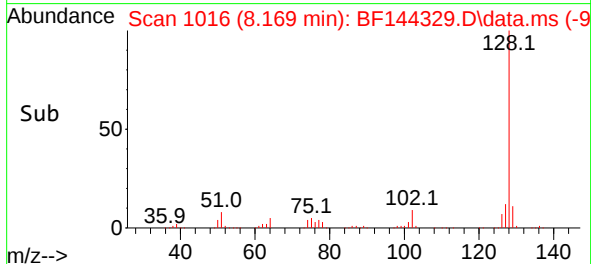
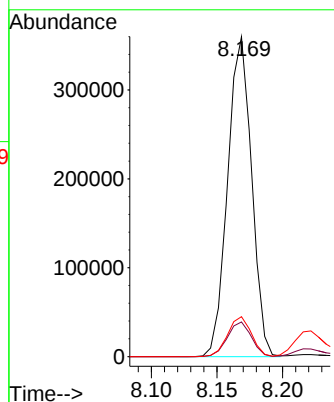
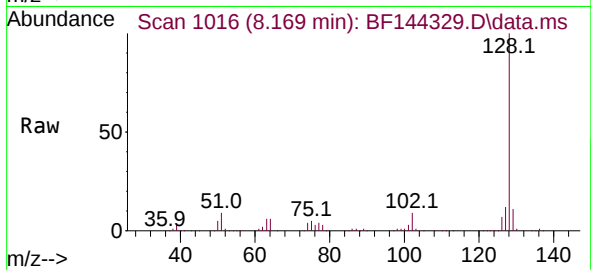




#31  
Naphthalene  
Concen: 46.925 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

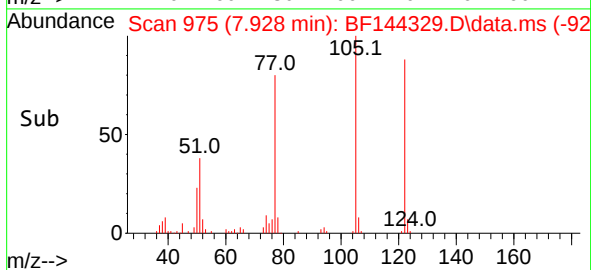
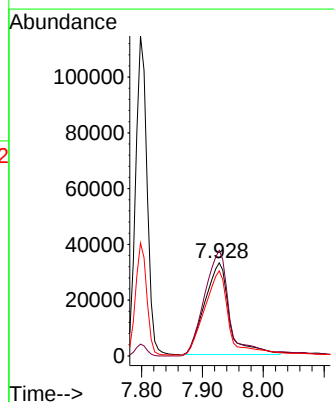
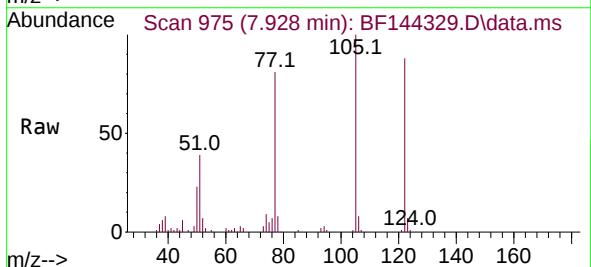
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

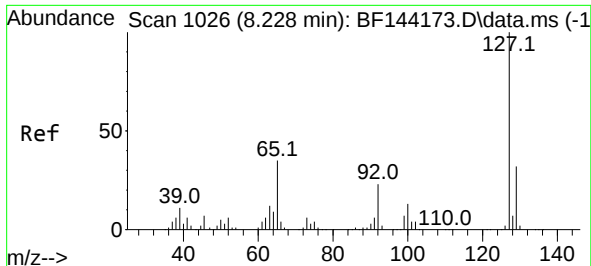
Tgt Ion:128 Resp: 457761  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 12.5 10.3 15.5



#32  
Benzoic acid  
Concen: 44.265 ng  
RT: 7.928 min Scan# 975  
Delta R.T. -0.024 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:122 Resp: 92811  
Ion Ratio Lower Upper  
122 100  
105 113.2 99.9 139.9  
77 91.3 77.5 117.5

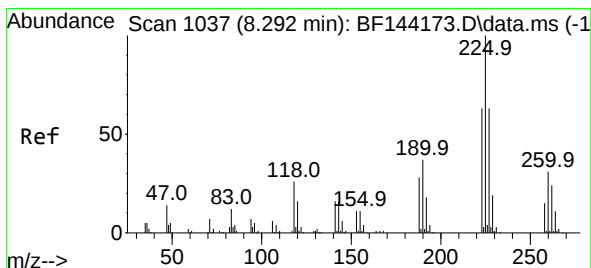
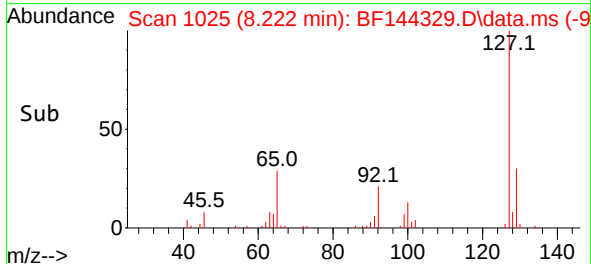
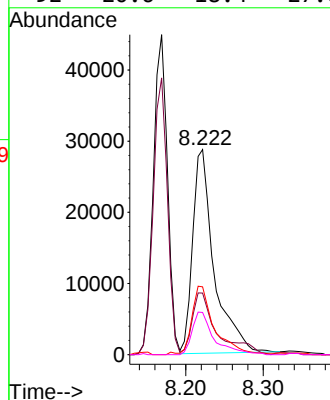
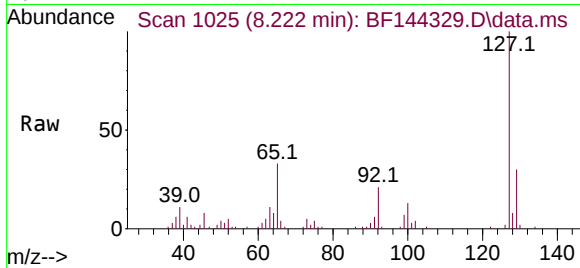




#33  
4-Chloroaniline  
Concen: 15.459 ng  
RT: 8.222 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

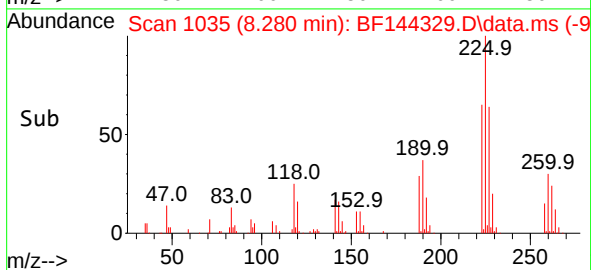
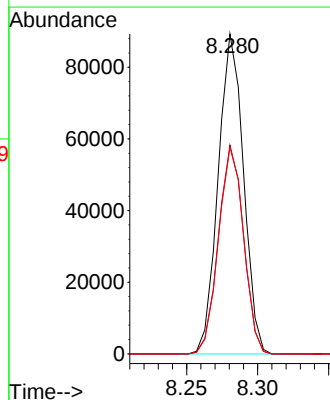
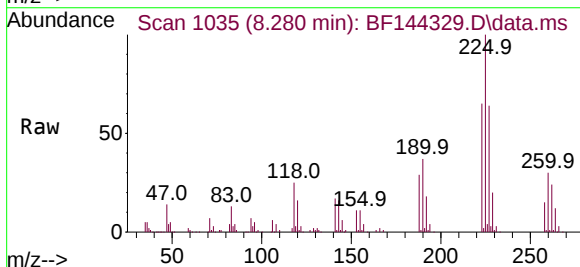
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

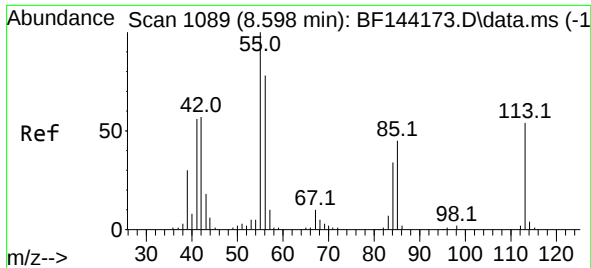
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 55001 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.0  | 25.3  | 37.9  |
| 65       | 33.1  | 27.6  | 41.4  |
| 92       | 20.6  | 18.4  | 27.6  |



#34  
Hexachlorobutadiene  
Concen: 43.369 ng  
RT: 8.280 min Scan# 1035  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 110648 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.2  | 50.2  | 75.4   |
| 227      | 64.5  | 50.1  | 75.1   |

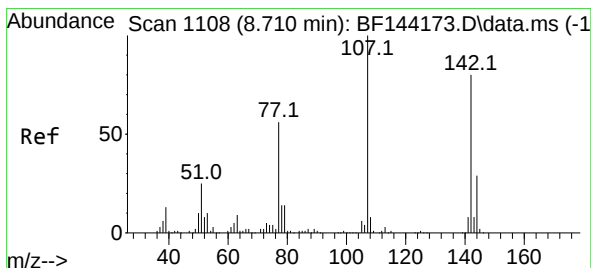
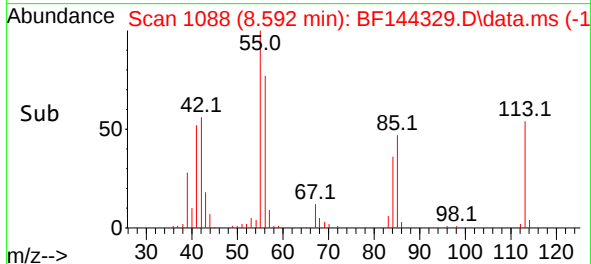
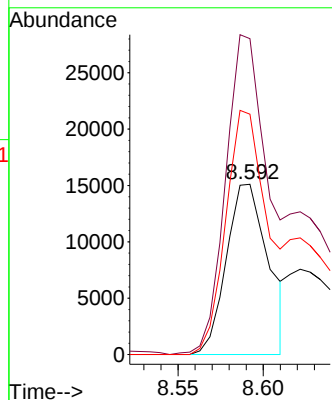
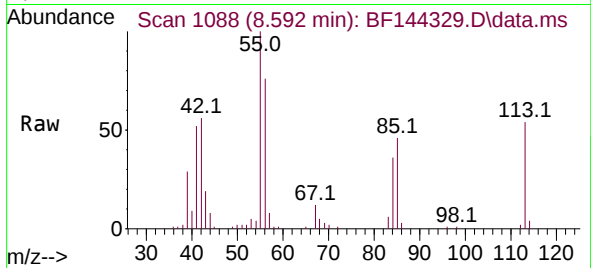




#35  
 Caprolactam  
 Concen: 28.519 ng  
 RT: 8.592 min Scan# 1088  
 Delta R.T. -0.029 min  
 Lab File: BF144329.D  
 Acq: 24 Nov 2025 17:48

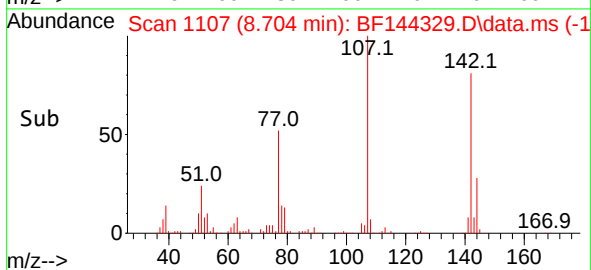
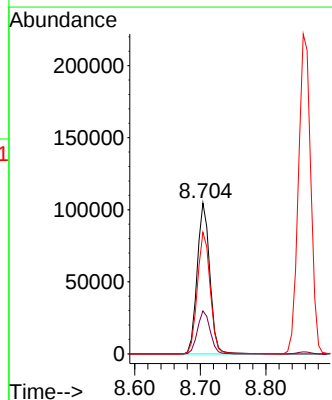
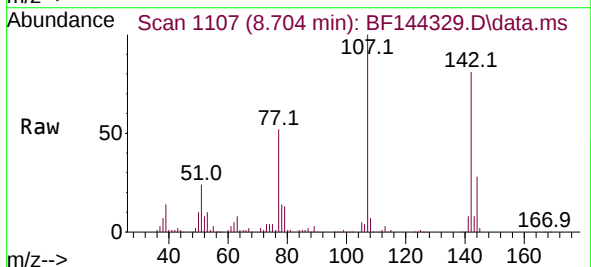
Instrument :  
 BNA\_F  
 ClientSampleId :  
 V933MS

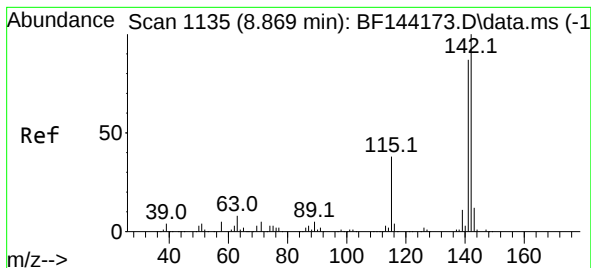
Tgt Ion:113 Resp: 25759  
 Ion Ratio Lower Upper  
 113 100  
 55 185.4 166.8 206.8  
 56 141.1 125.9 165.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.182 ng  
 RT: 8.704 min Scan# 1107  
 Delta R.T. -0.000 min  
 Lab File: BF144329.D  
 Acq: 24 Nov 2025 17:48

Tgt Ion:107 Resp: 139405  
 Ion Ratio Lower Upper  
 107 100  
 144 28.5 23.3 34.9  
 142 80.5 63.8 95.6

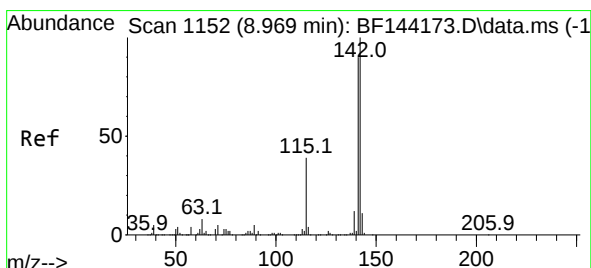
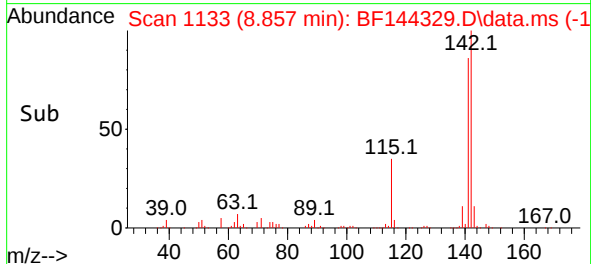
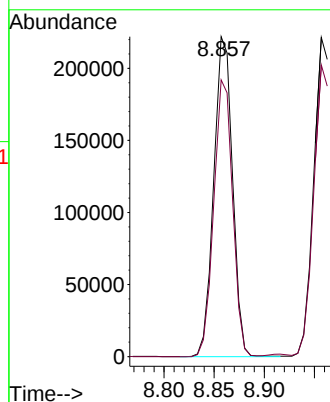
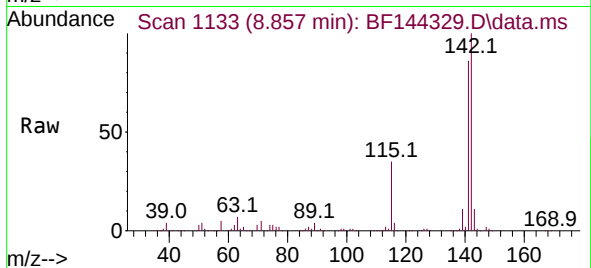




#37  
2-Methylnaphthalene  
Concen: 44.326 ng  
RT: 8.857 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

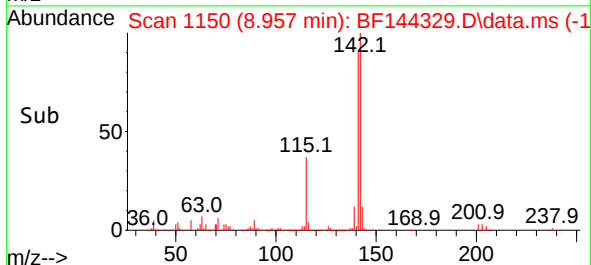
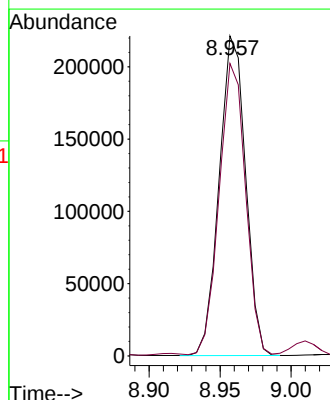
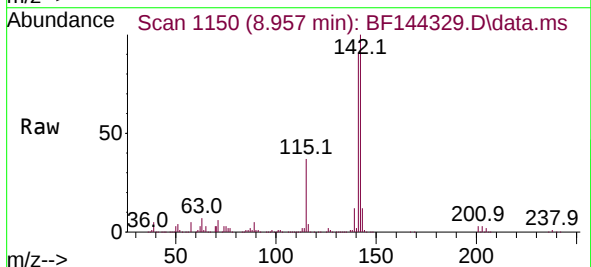
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

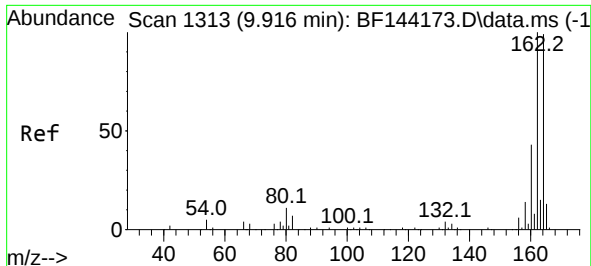
Tgt Ion:142 Resp: 289102  
Ion Ratio Lower Upper  
142 100  
141 86.5 69.9 104.9



#38  
1-Methylnaphthalene  
Concen: 45.412 ng  
RT: 8.957 min Scan# 1150  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:142 Resp: 285787  
Ion Ratio Lower Upper  
142 100  
141 91.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

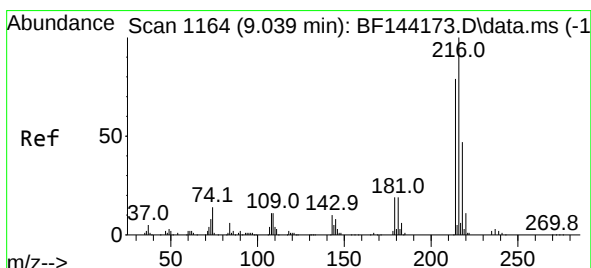
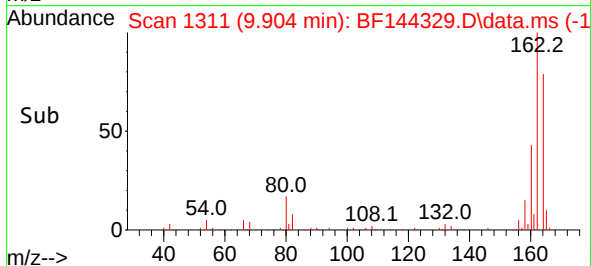
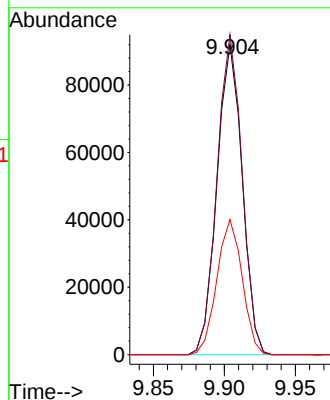
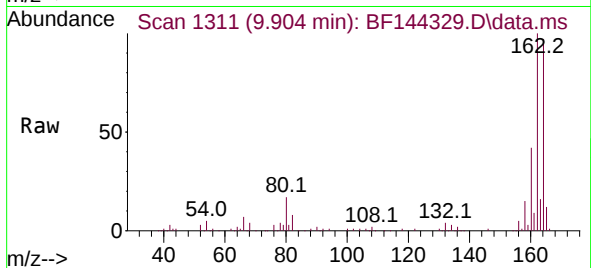
Tgt Ion:164 Resp: 113997

Ion Ratio Lower Upper

164 100

162 103.2 81.1 121.7

160 43.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.241 ng

RT: 9.027 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Tgt Ion:216 Resp: 172759

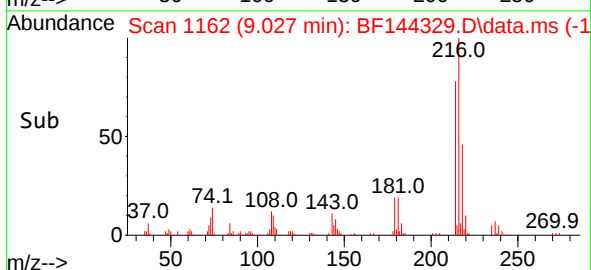
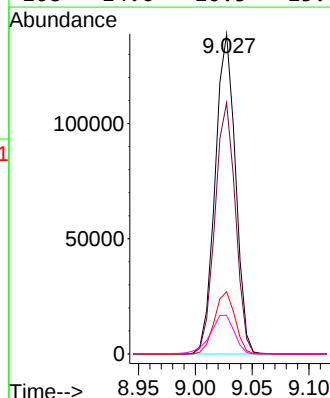
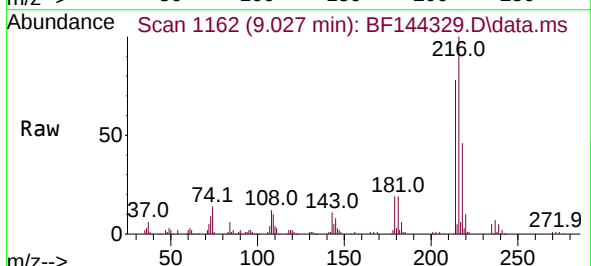
Ion Ratio Lower Upper

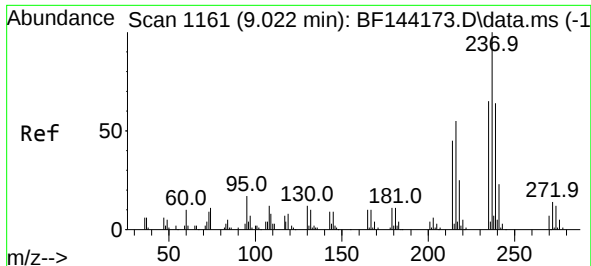
216 100

214 78.8 63.4 95.2

179 19.6 15.0 22.4

108 14.6 10.5 15.7

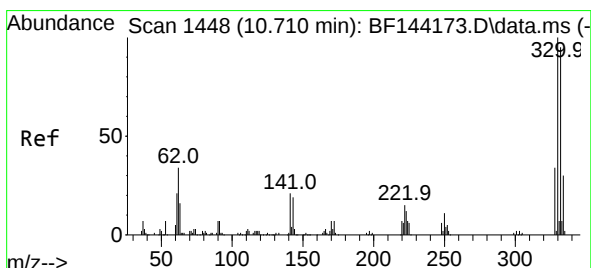
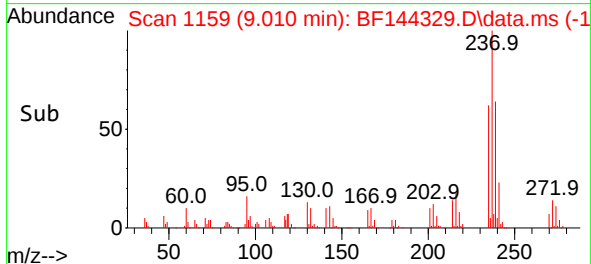
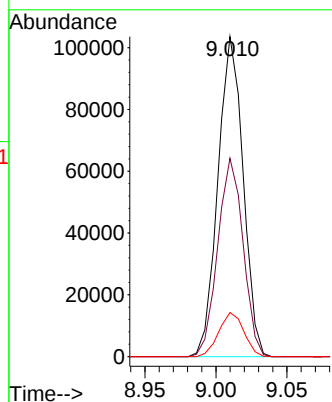
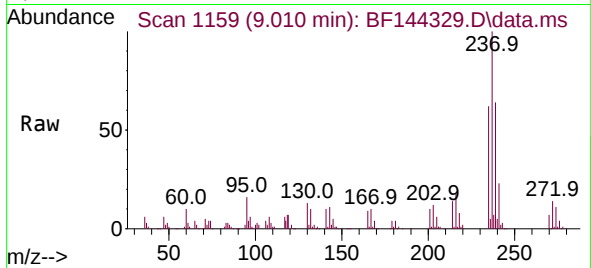




#41  
Hexachlorocyclopentadiene  
Concen: 85.342 ng  
RT: 9.010 min Scan# 1161  
Delta R.T. -0.018 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

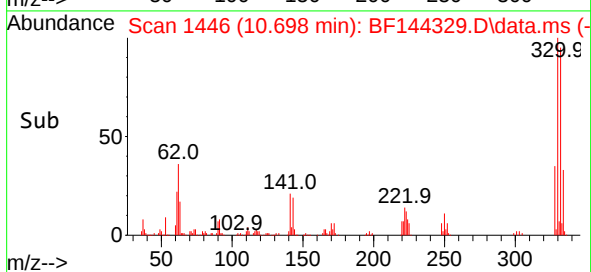
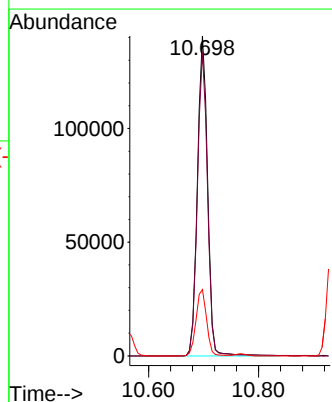
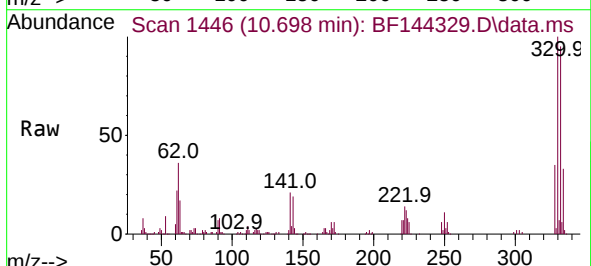
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

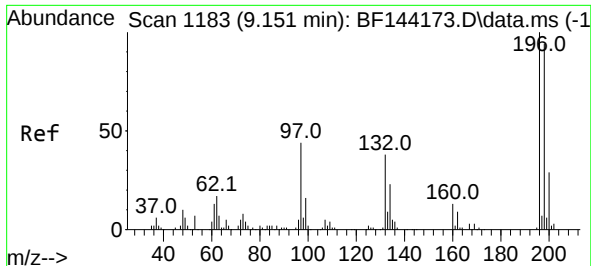
Tgt Ion:237 Resp: 127858  
Ion Ratio Lower Upper  
237 100  
235 62.0 45.5 85.5  
272 13.8 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 126.437 ng  
RT: 10.698 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:330 Resp: 180872  
Ion Ratio Lower Upper  
330 100  
332 94.5 76.7 115.1  
141 21.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 45.569 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

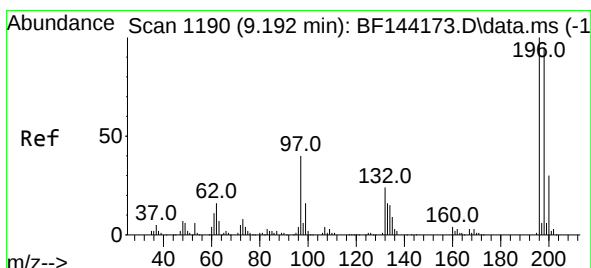
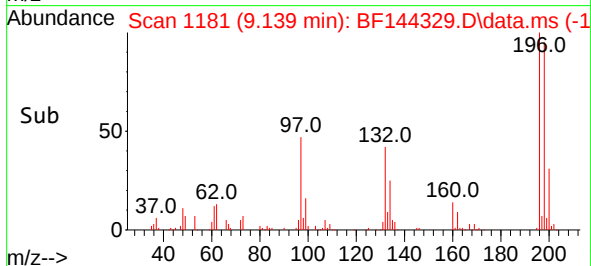
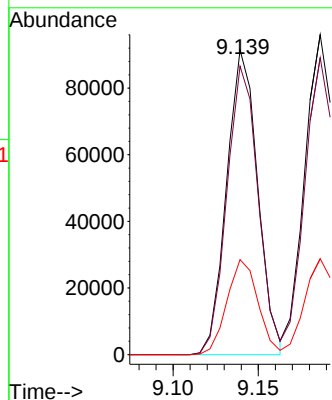
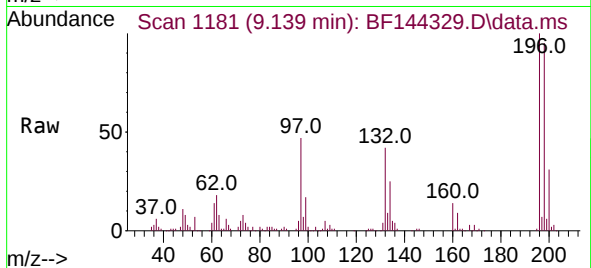
Tgt Ion:196 Resp: 115873

Ion Ratio Lower Upper

196 100

198 94.6 75.3 112.9

200 31.2 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 46.218 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Tgt Ion:196 Resp: 126665

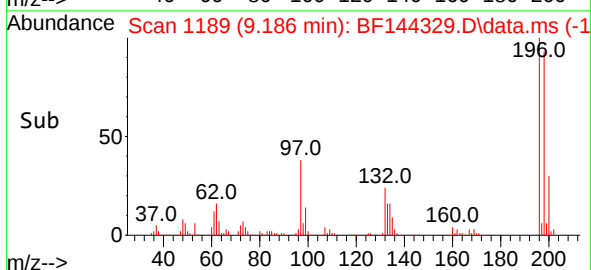
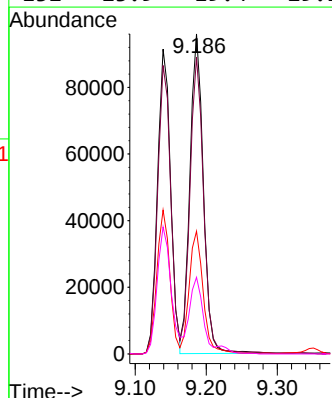
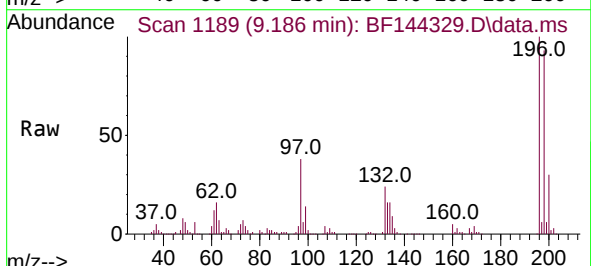
Ion Ratio Lower Upper

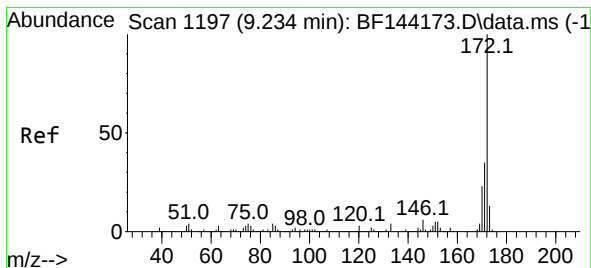
196 100

198 92.8 76.1 114.1

97 38.3 31.9 47.9

132 23.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 86.164 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

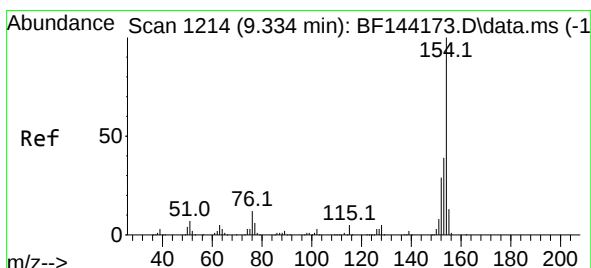
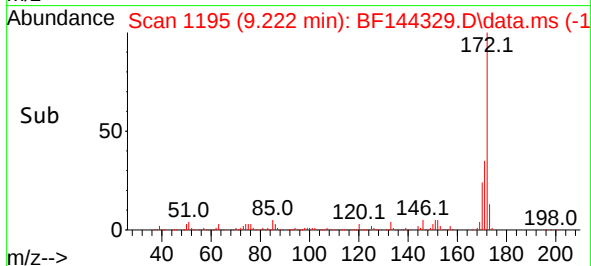
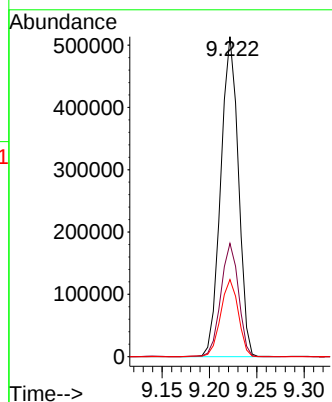
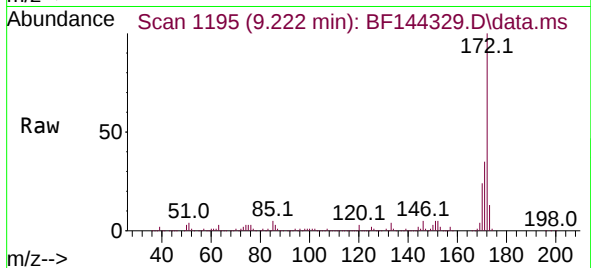
Tgt Ion:172 Resp: 665060

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 24.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.999 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

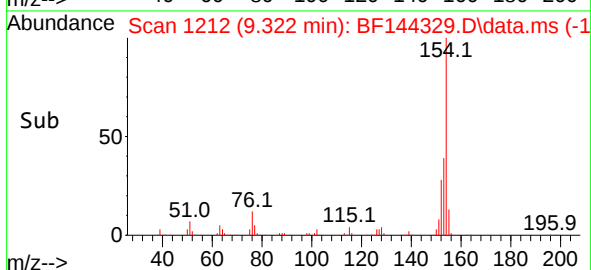
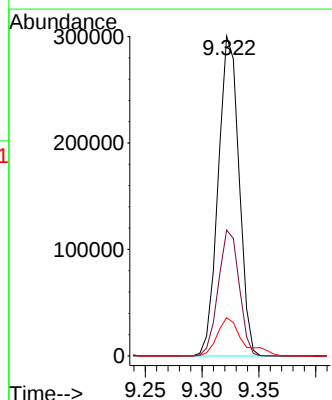
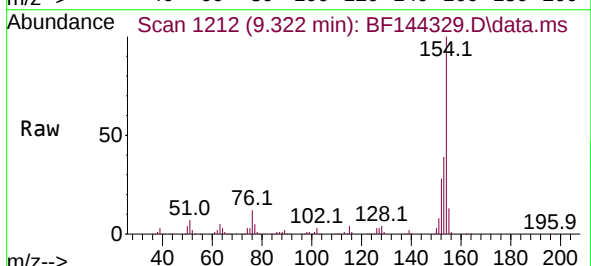
Tgt Ion:154 Resp: 381944

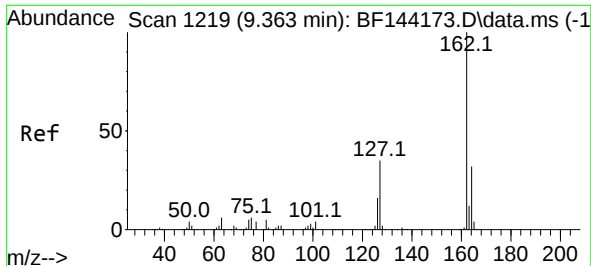
Ion Ratio Lower Upper

154 100

153 39.3 19.2 59.2

76 11.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 45.929 ng

RT: 9.351 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

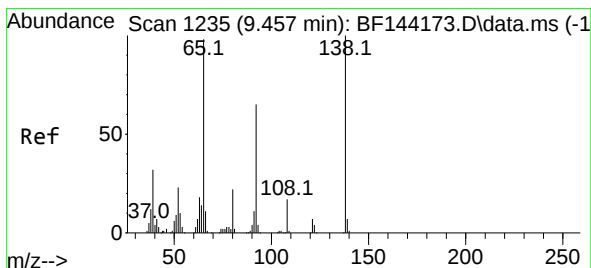
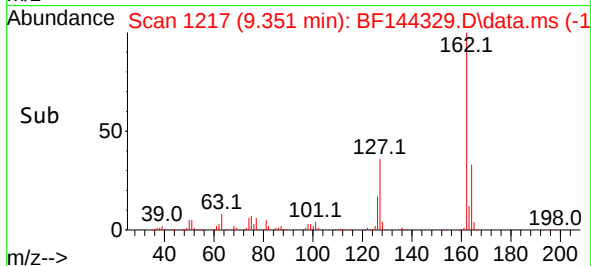
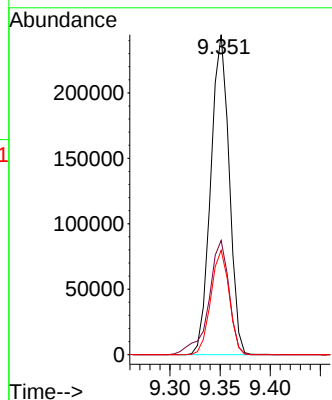
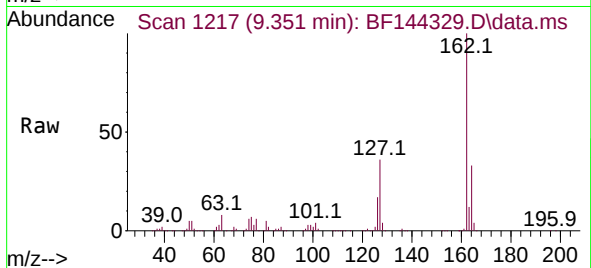
Tgt Ion:162 Resp: 311752

Ion Ratio Lower Upper

162 100

127 35.7 28.8 43.2

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 48.064 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

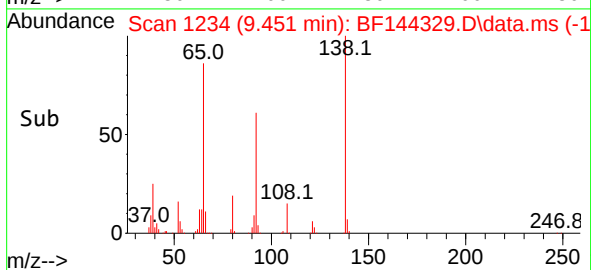
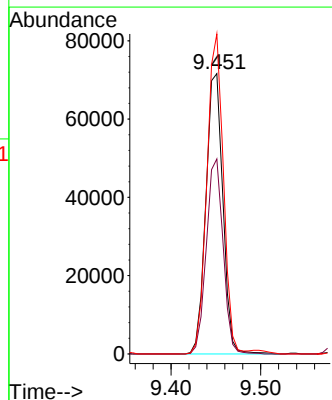
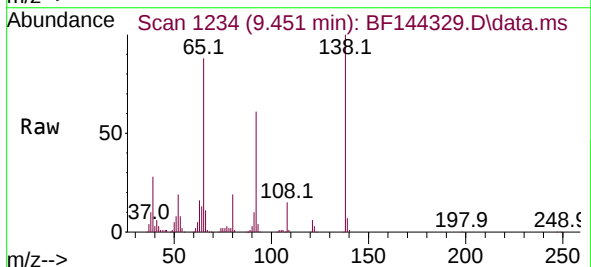
Tgt Ion: 65 Resp: 94133

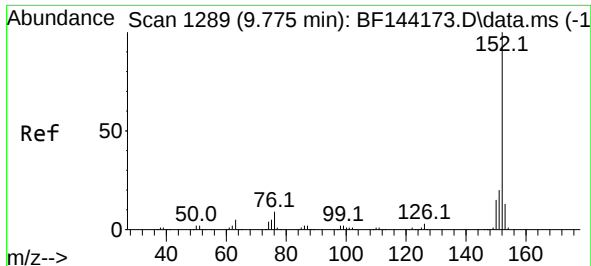
Ion Ratio Lower Upper

65 100

92 69.6 53.0 79.6

138 114.2 81.6 122.4





#49

Acenaphthylene

Concen: 53.033 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

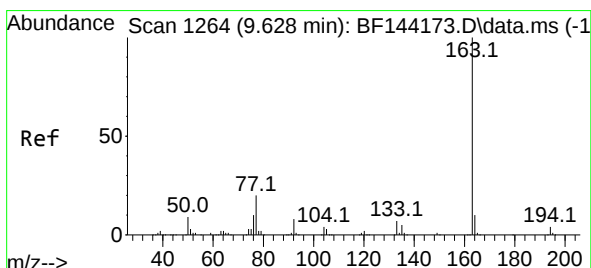
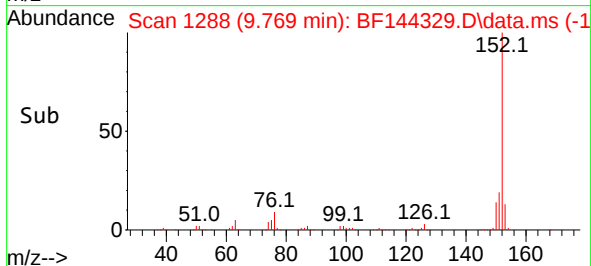
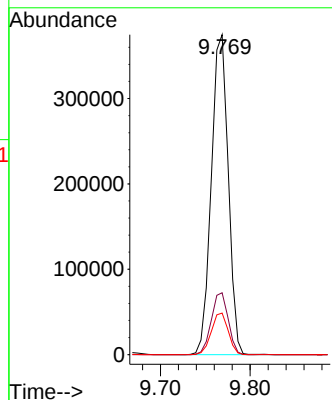
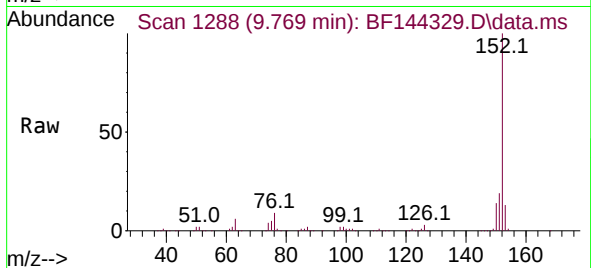
Tgt Ion:152 Resp: 490549

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 48.508 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

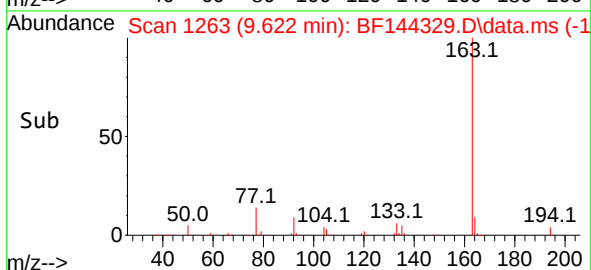
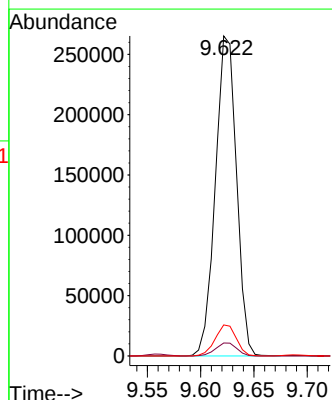
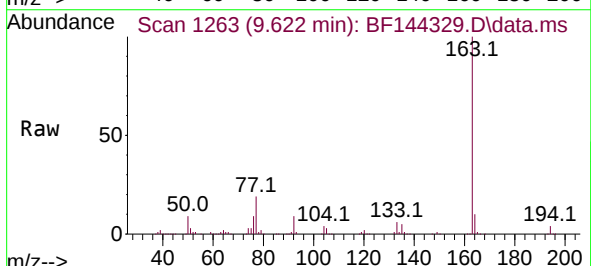
Tgt Ion:163 Resp: 366337

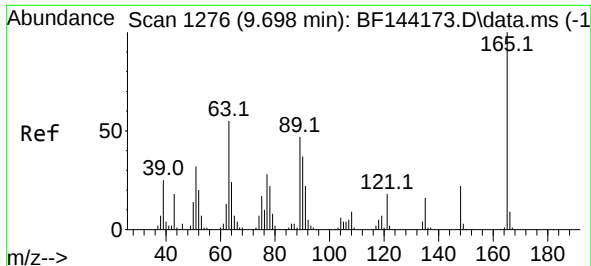
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1

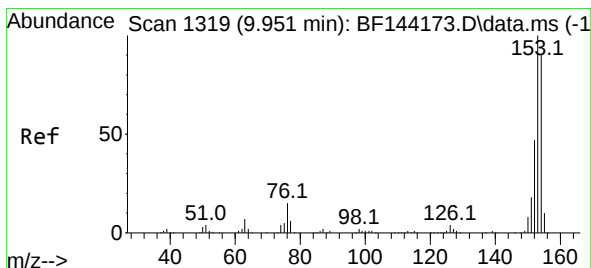
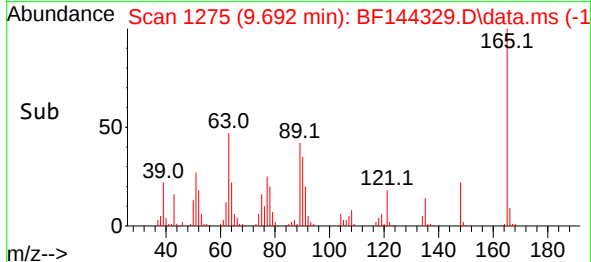
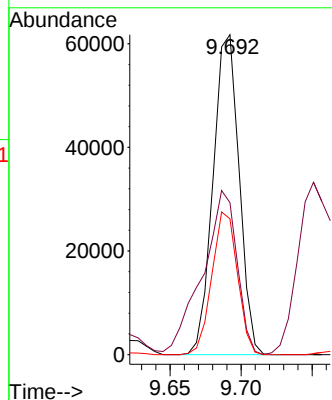
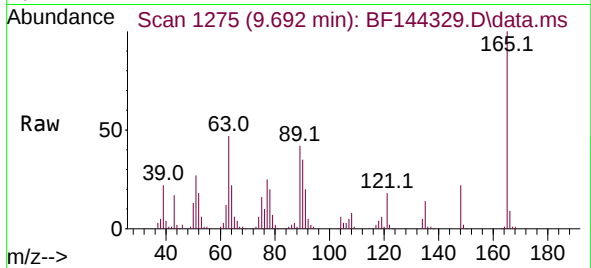




#51  
2,6-Dinitrotoluene  
Concen: 51.654 ng  
RT: 9.692 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

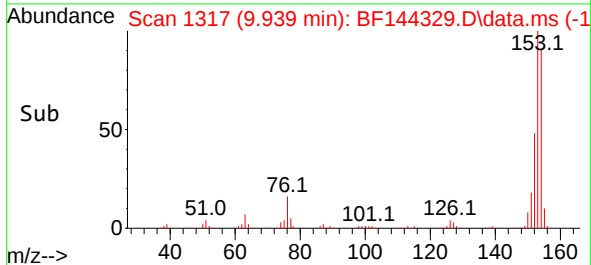
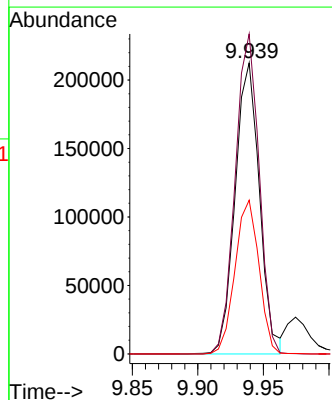
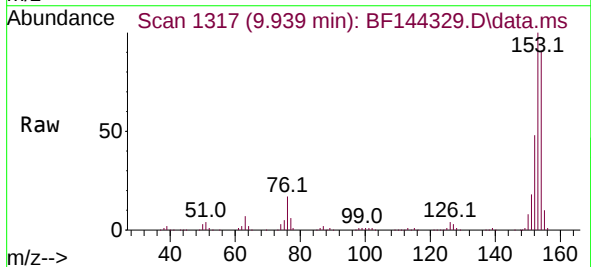
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

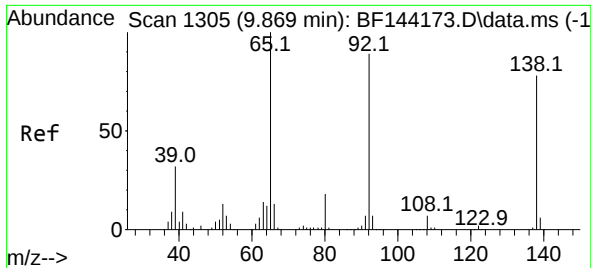
Tgt Ion:165 Resp: 78967  
Ion Ratio Lower Upper  
165 100  
63 47.5 43.8 65.8  
89 42.4 37.5 56.3



#52  
Acenaphthene  
Concen: 44.370 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:154 Resp: 274447  
Ion Ratio Lower Upper  
154 100  
153 110.0 89.0 133.4  
152 52.8 42.2 63.4

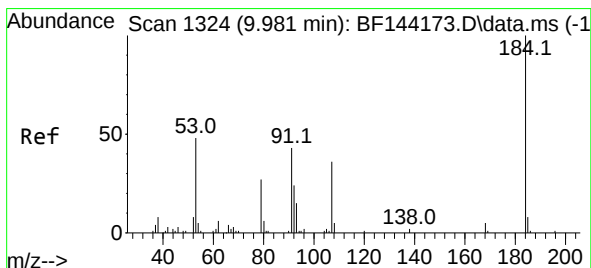
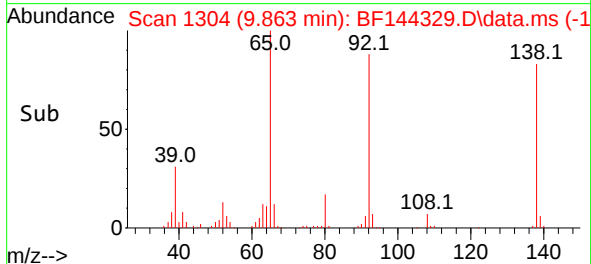
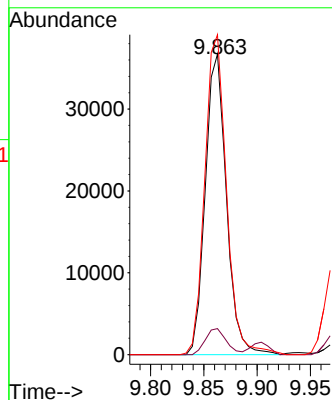
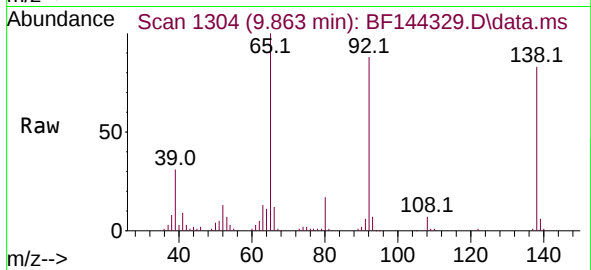




#53  
3-Nitroaniline  
Concen: 30.303 ng  
RT: 9.863 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

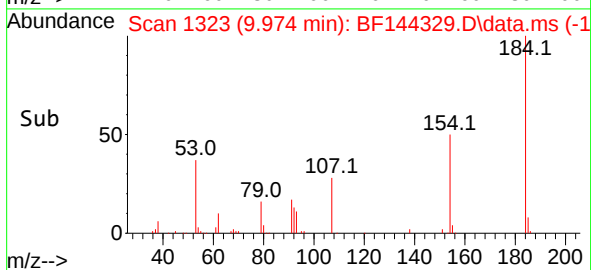
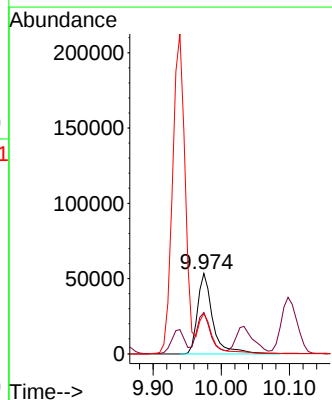
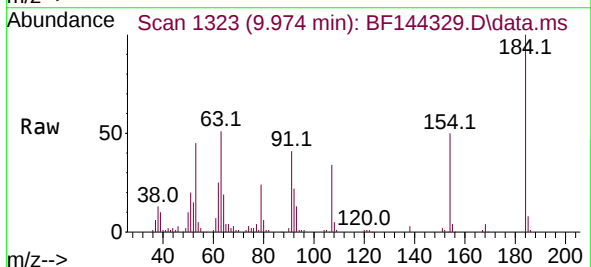
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

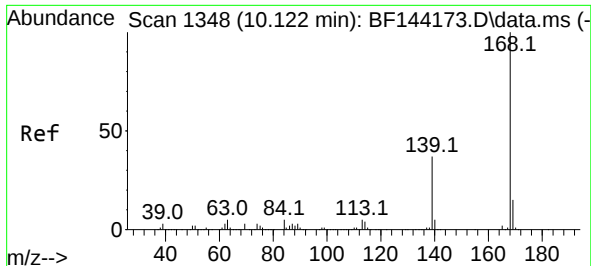
Tgt Ion:138 Resp: 50642  
Ion Ratio Lower Upper  
138 100  
108 8.6 7.5 11.3  
92 106.5 91.8 137.6



#54  
2,4-Dinitrophenol  
Concen: 90.163 ng  
RT: 9.974 min Scan# 1323  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:184 Resp: 83235  
Ion Ratio Lower Upper  
184 100  
63 51.4 44.0 66.0  
154 50.3 42.4 63.6





#55

Dibenzenofuran

Concen: 46.177 ng

RT: 10.110 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

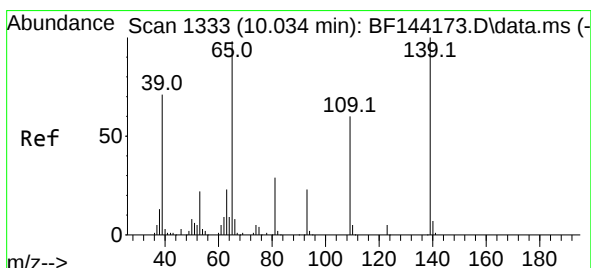
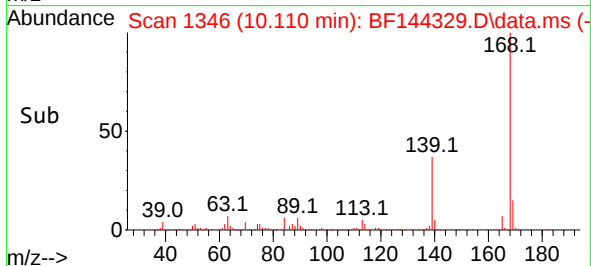
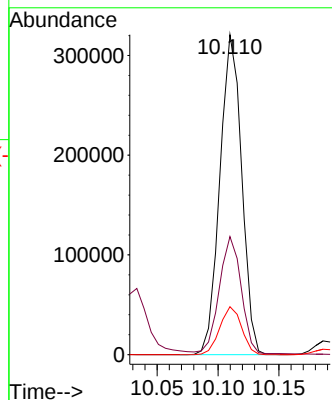
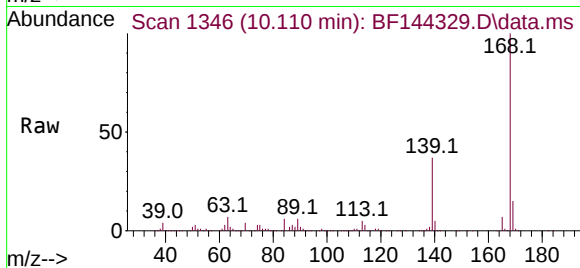
Tgt Ion:168 Resp: 400031

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.2

169 15.0 12.2 18.4



#56

4-Nitrophenol

Concen: 79.904 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

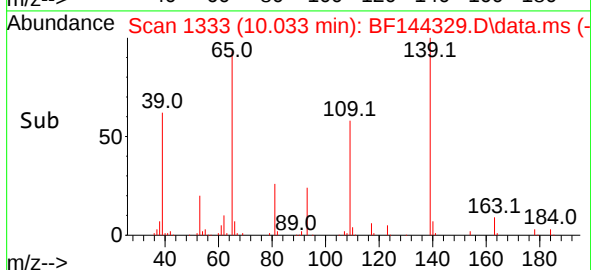
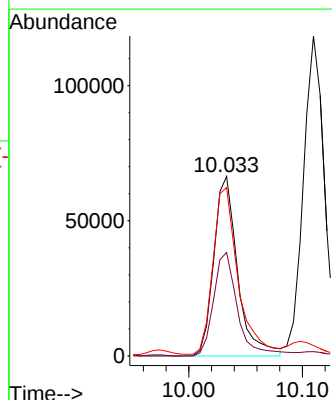
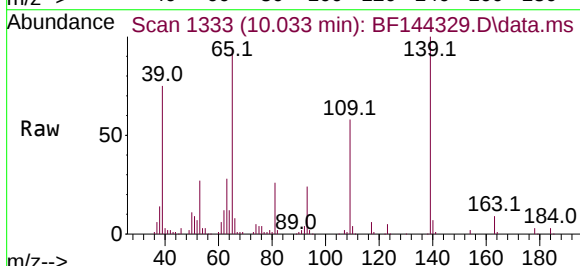
Tgt Ion:139 Resp: 96594

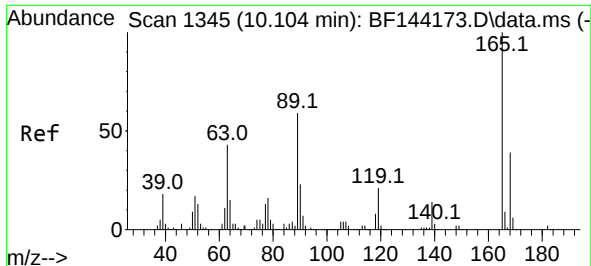
Ion Ratio Lower Upper

139 100

109 57.7 39.9 79.9

65 93.9 79.5 119.5

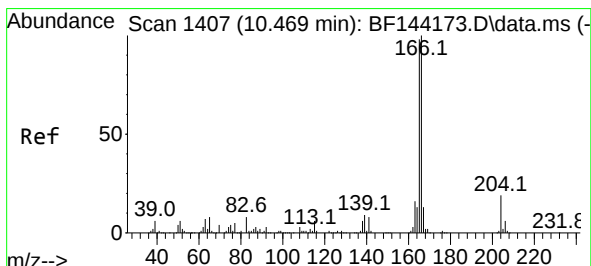
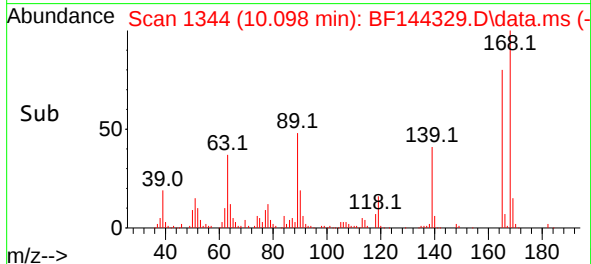
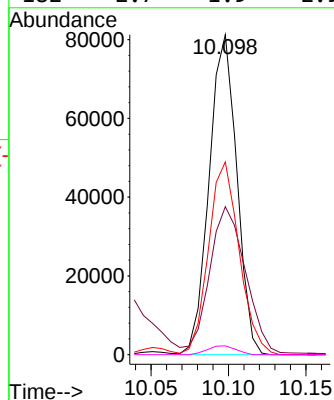
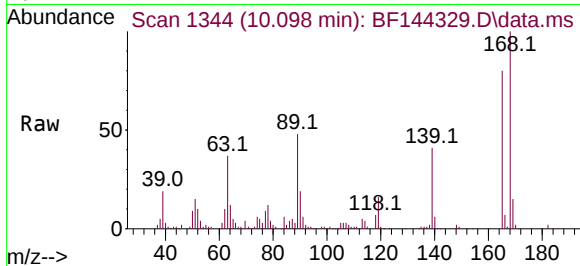




#57  
2,4-Dinitrotoluene  
Concen: 49.344 ng  
RT: 10.098 min Scan# 1345  
Delta R.T. -0.000 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

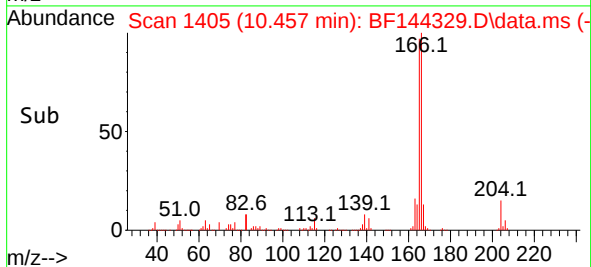
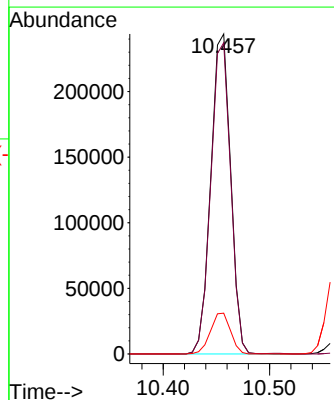
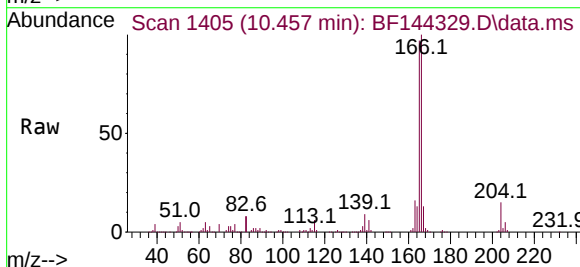
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

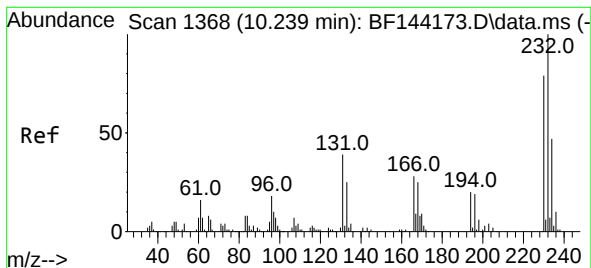
Tgt Ion:165 Resp: 100987  
Ion Ratio Lower Upper  
165 100  
63 46.2 35.5 53.3  
89 60.2 47.4 71.2  
182 2.7 1.9 2.9



#58  
Fluorene  
Concen: 47.882 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:166 Resp: 315378  
Ion Ratio Lower Upper  
166 100  
165 97.2 78.6 118.0  
167 12.7 10.4 15.6



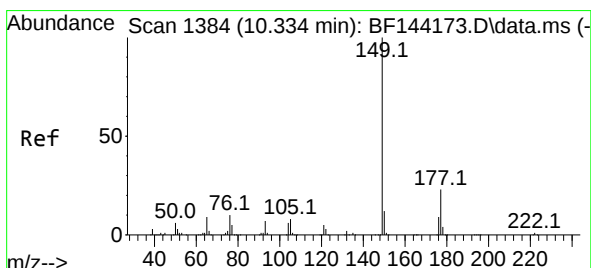
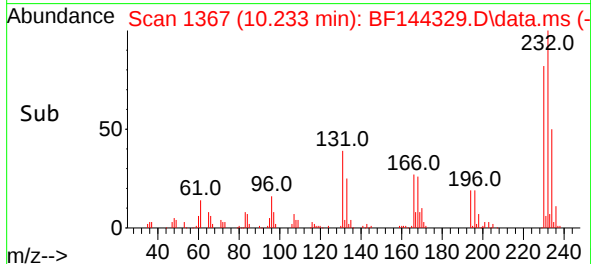
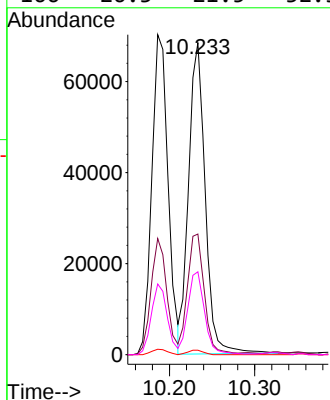
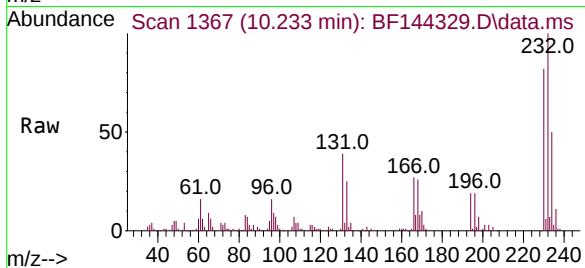


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.817 ng  
RT: 10.233 min Scan# 1367  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

Tgt Ion:232 Resp: 92716

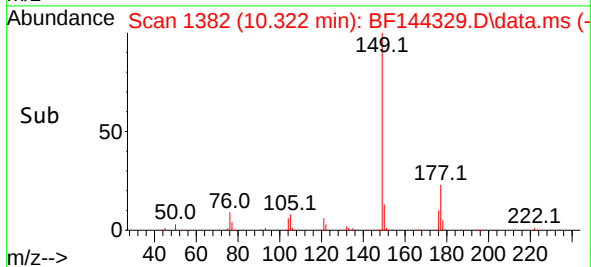
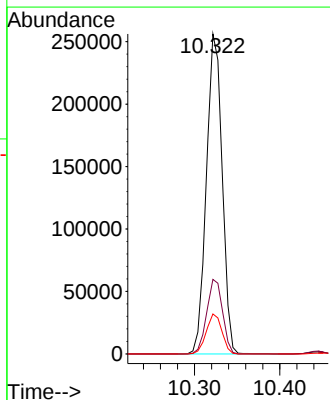
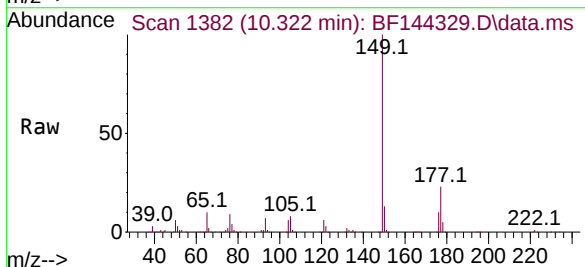
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 38.2  | 30.3  | 45.5  |
| 130 | 1.3   | 1.2   | 1.8   |
| 166 | 26.3  | 21.5  | 32.3  |

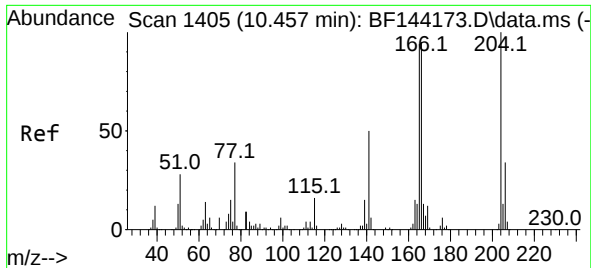


#60  
Diethylphthalate  
Concen: 47.261 ng  
RT: 10.322 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:149 Resp: 329027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.3  | 18.3  | 27.5  |
| 150 | 12.5  | 9.8   | 14.6  |

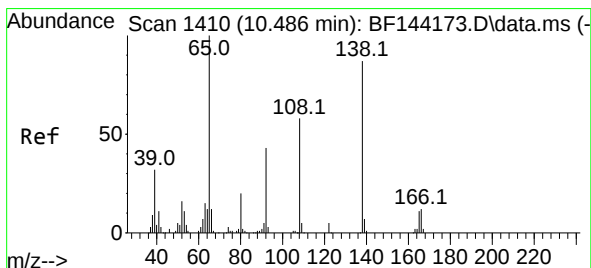
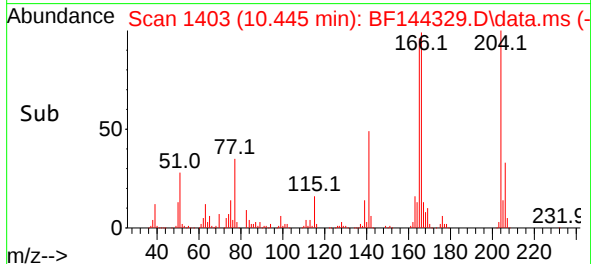
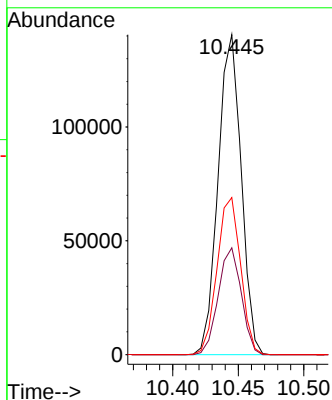
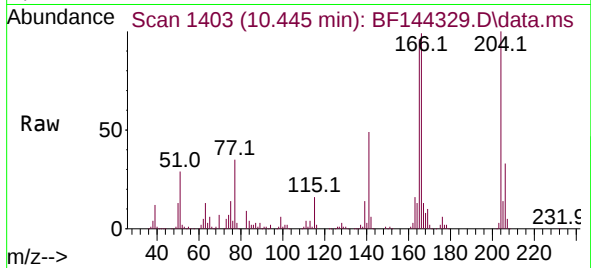




#61  
4-Chlorophenyl-phenylether  
Concen: 46.070 ng  
RT: 10.445 min Scan# 1405  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

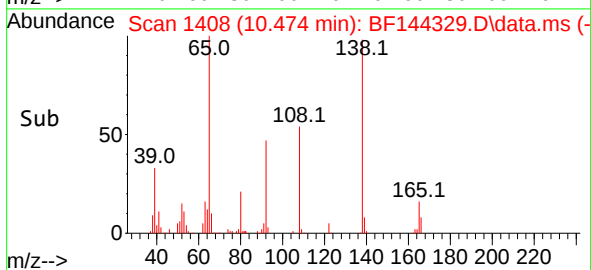
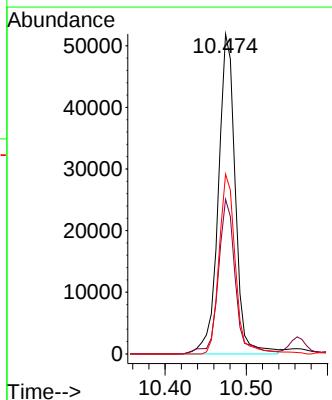
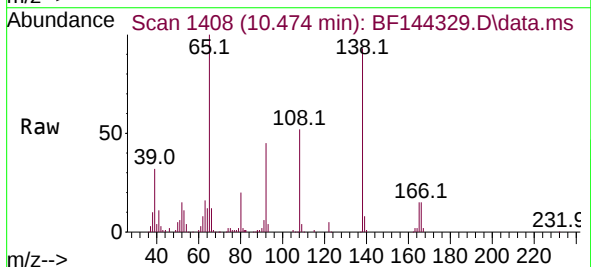
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

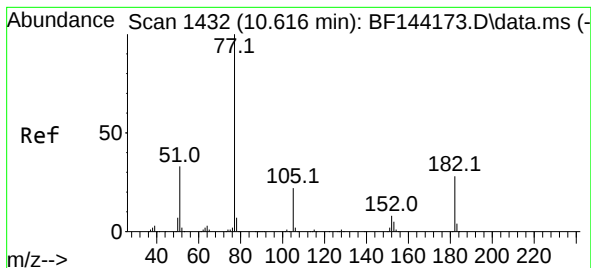
Tgt Ion:204 Resp: 172847  
Ion Ratio Lower Upper  
204 100  
206 33.4 27.4 41.2  
141 49.1 40.0 60.0



#62  
4-Nitroaniline  
Concen: 47.249 ng  
RT: 10.474 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:138 Resp: 75197  
Ion Ratio Lower Upper  
138 100  
92 48.3 29.4 69.4  
108 56.2 46.4 86.4





#63

Azobenzene

Concen: 49.230 ng

RT: 10.604 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

Tgt Ion: 77 Resp: 318969

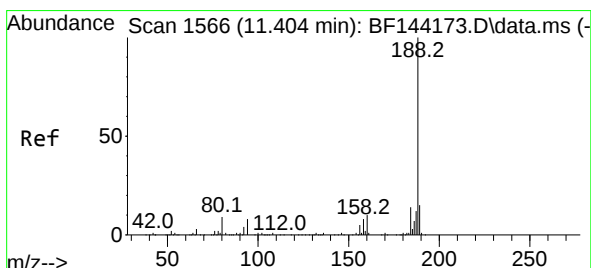
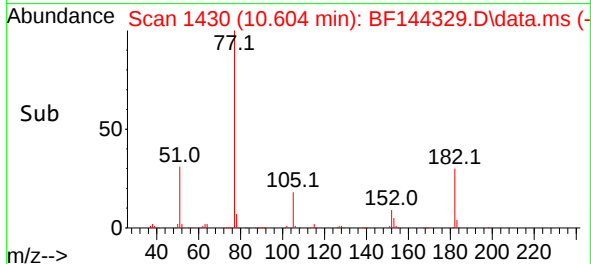
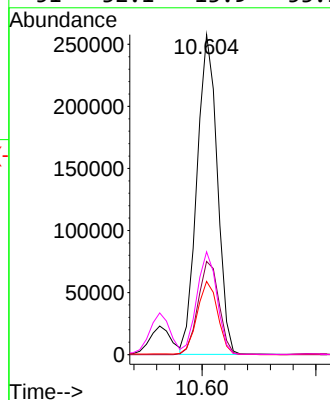
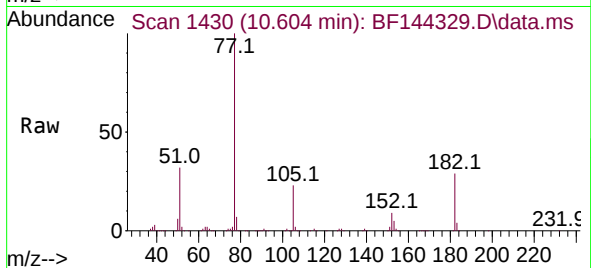
Ion Ratio Lower Upper

77 100

182 29.1 8.1 48.1

105 22.9 2.0 42.0

51 32.1 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

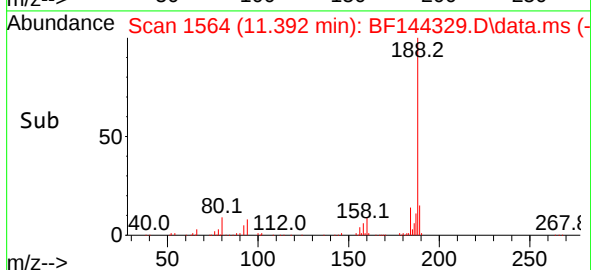
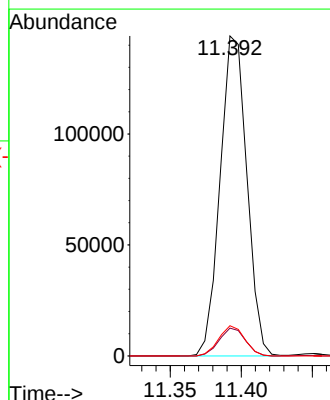
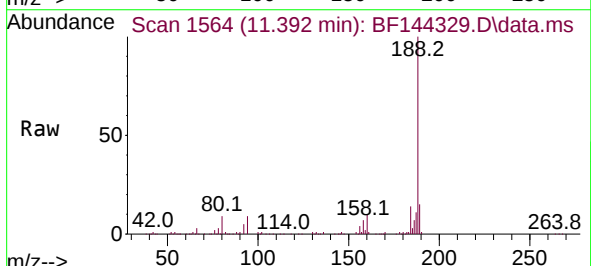
Tgt Ion:188 Resp: 189321

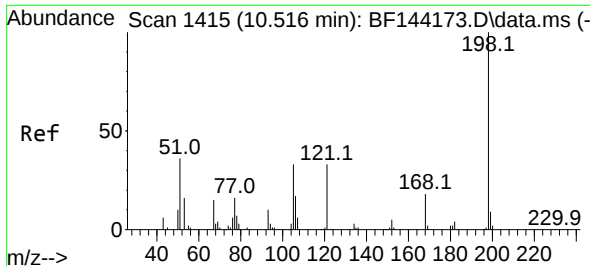
Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

80 9.4 6.9 10.3

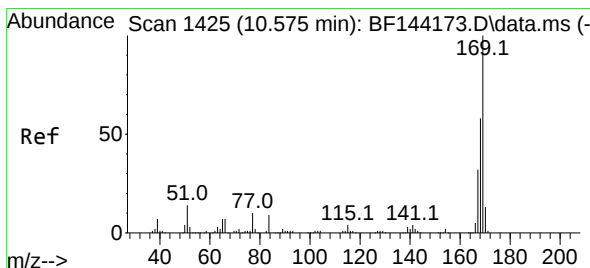
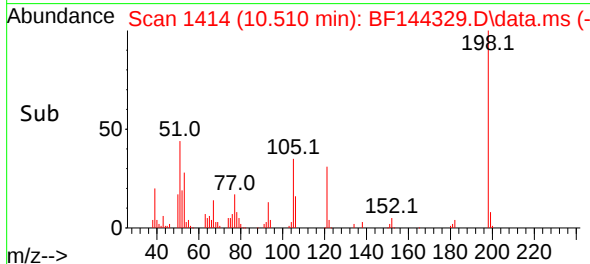
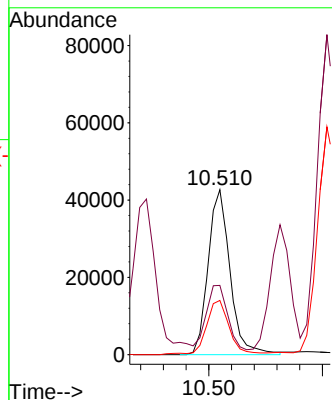
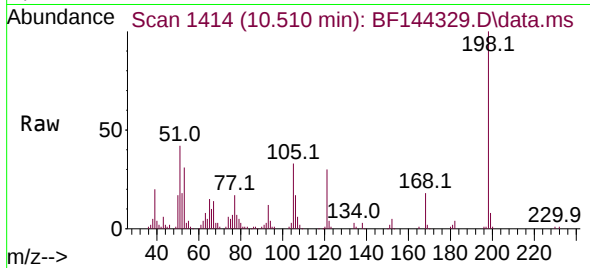




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.505 ng  
RT: 10.510 min Scan# 1415  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

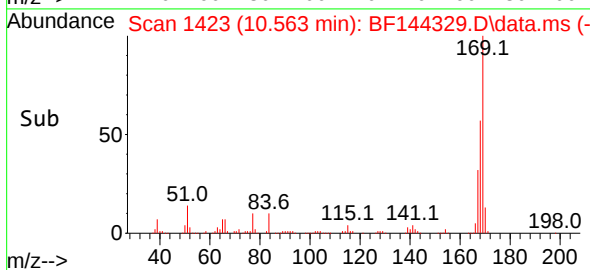
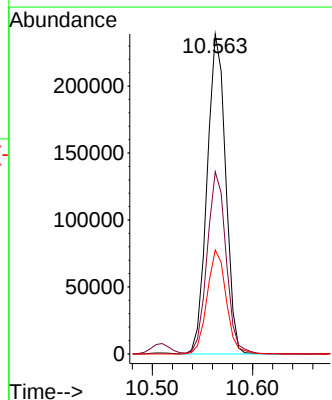
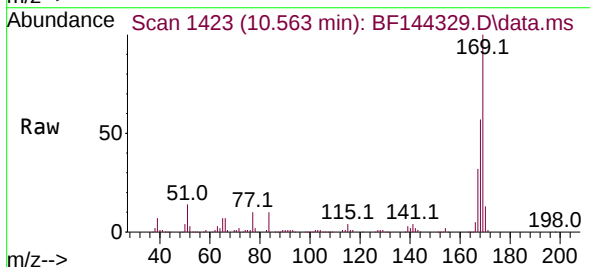
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

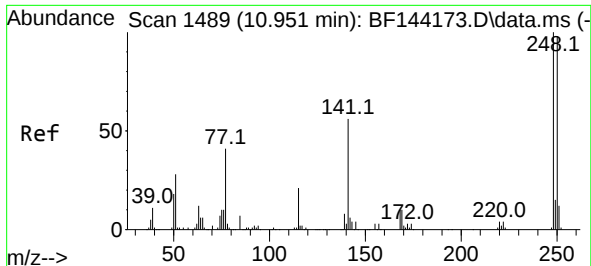
Tgt Ion:198 Resp: 57239  
Ion Ratio Lower Upper  
198 100  
51 42.0 25.6 65.6  
105 32.8 14.6 54.6



#66  
n-Nitrosodiphenylamine  
Concen: 50.005 ng  
RT: 10.563 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:169 Resp: 304483  
Ion Ratio Lower Upper  
169 100  
168 56.9 46.2 69.2  
167 32.5 25.7 38.5

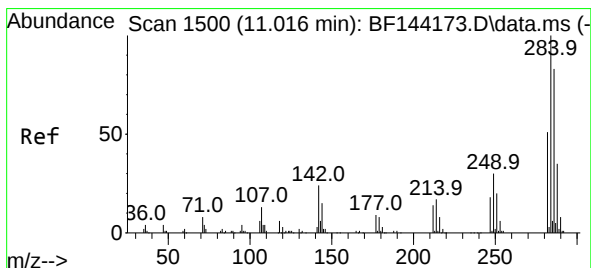
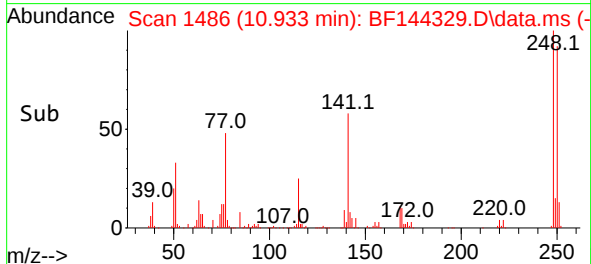
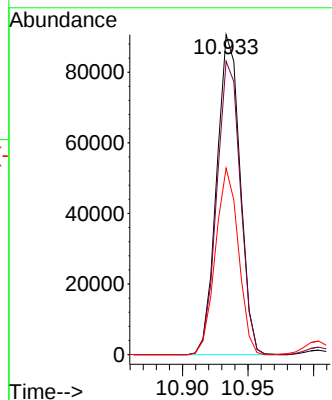
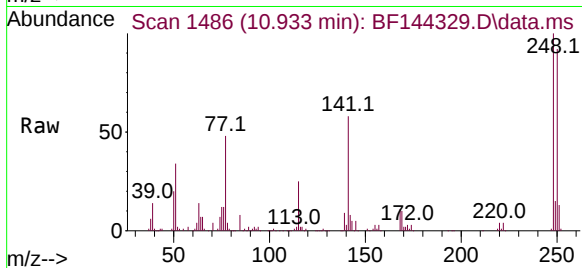




#67  
4-Bromophenyl-phenylether  
Concen: 46.522 ng  
RT: 10.933 min Scan# 1486  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

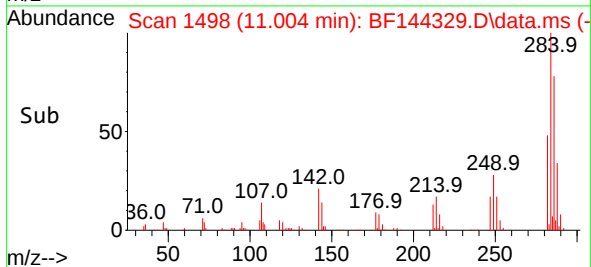
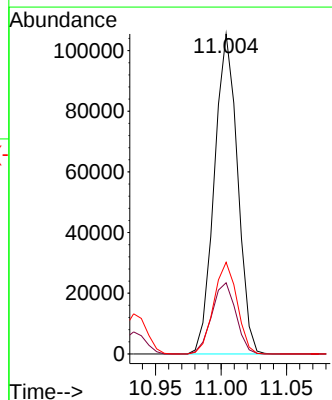
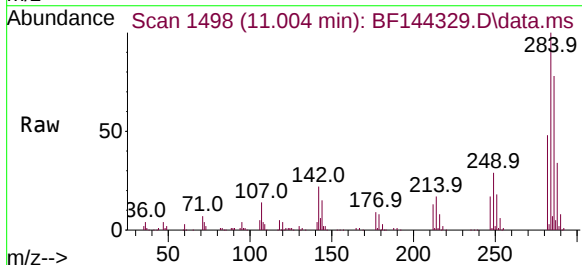
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

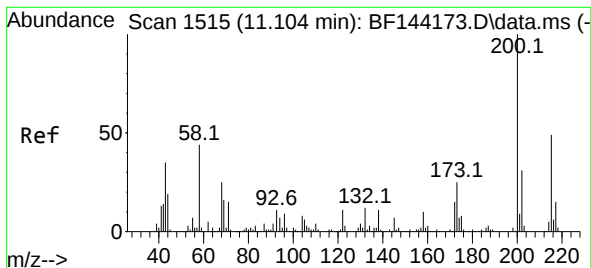
Tgt Ion:248 Resp: 112421  
Ion Ratio Lower Upper  
248 100  
250 91.7 78.4 117.6  
141 58.3 45.1 67.7



#68  
Hexachlorobenzene  
Concen: 45.735 ng  
RT: 11.004 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:284 Resp: 130175  
Ion Ratio Lower Upper  
284 100  
142 22.2 19.2 28.8  
249 28.6 23.8 35.8





#69

Atrazine

Concen: 49.366 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

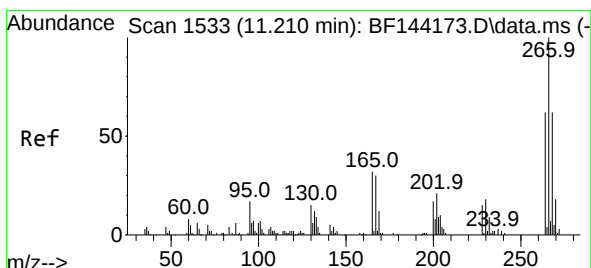
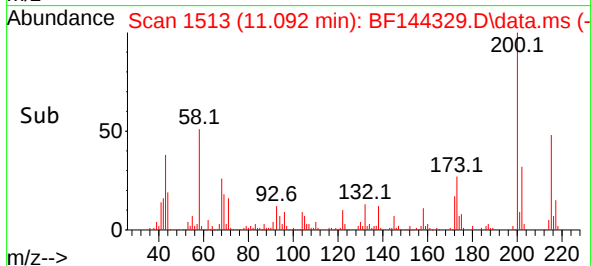
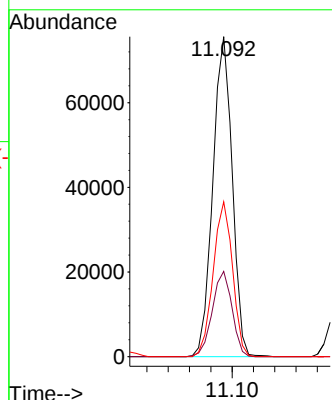
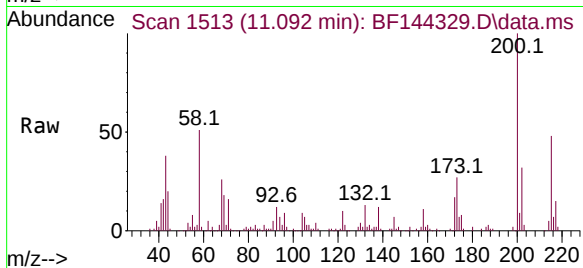
Tgt Ion:200 Resp: 95595

Ion Ratio Lower Upper

200 100

173 26.6 5.0 45.0

215 48.4 28.7 68.7



#70

Pentachlorophenol

Concen: 91.969 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

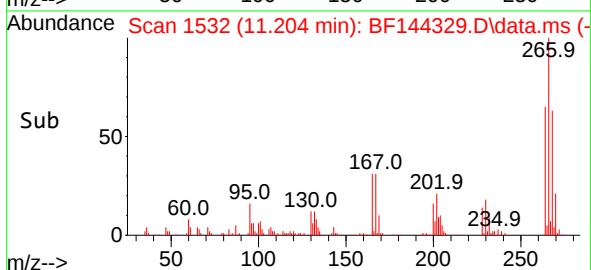
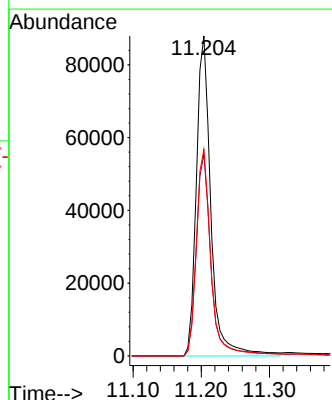
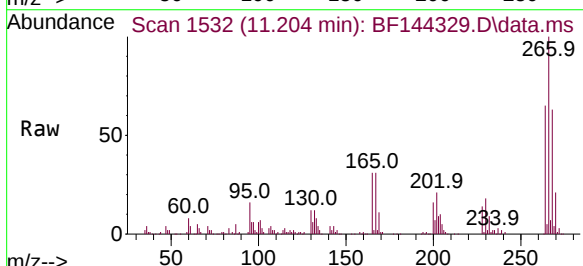
Tgt Ion:266 Resp: 130353

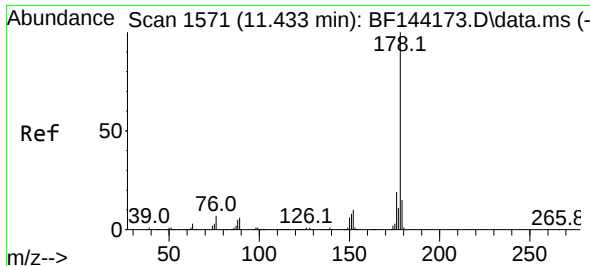
Ion Ratio Lower Upper

266 100

268 63.1 49.5 74.3

264 64.6 49.4 74.2

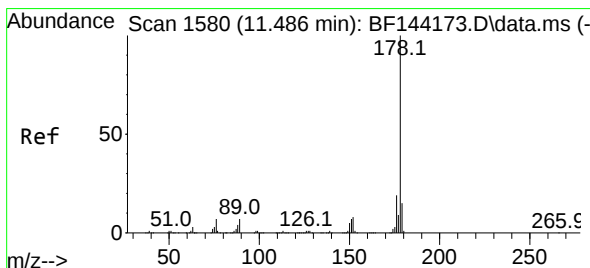
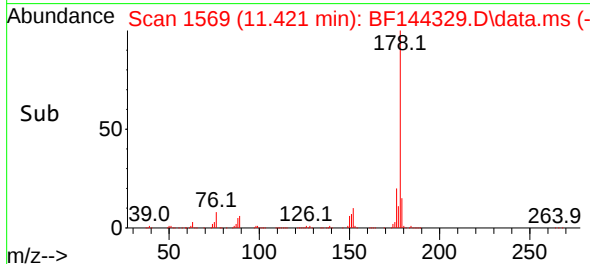
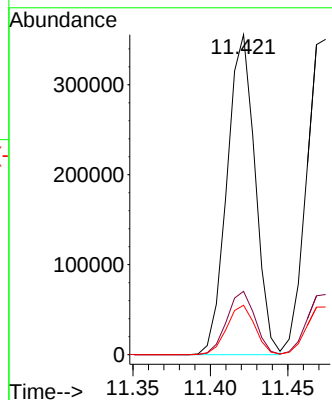
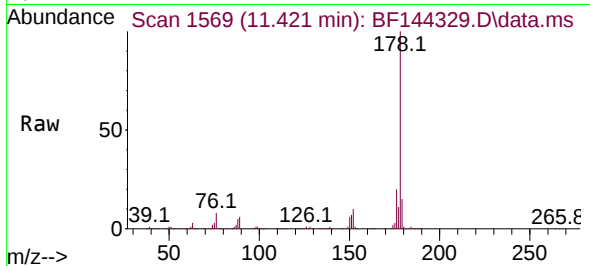




#71  
Phenanthrene  
Concen: 47.712 ng  
RT: 11.421 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

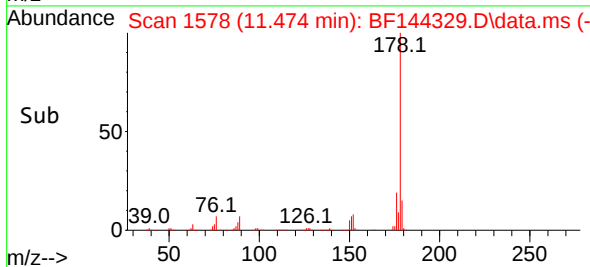
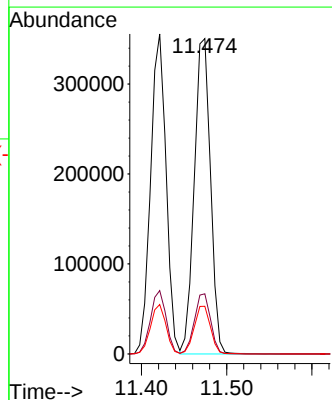
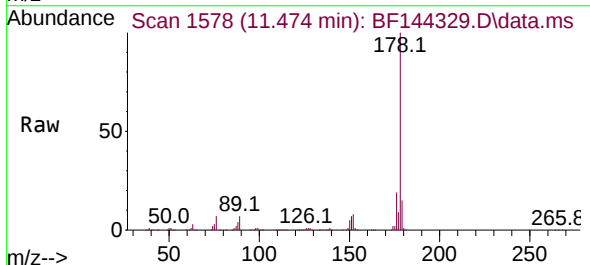
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

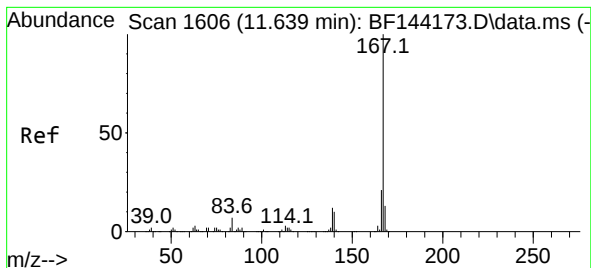
Tgt Ion:178 Resp: 449735  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.5 23.3  
179 15.4 12.2 18.4



#72  
Anthracene  
Concen: 48.326 ng  
RT: 11.474 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:178 Resp: 463190  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.1 12.0 18.0





#73

Carbazole

Concen: 49.165 ng

RT: 11.627 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

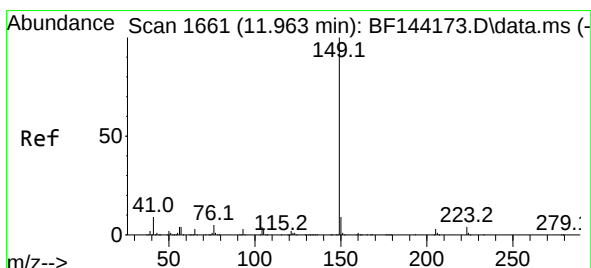
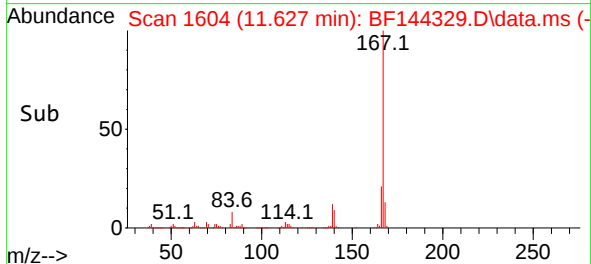
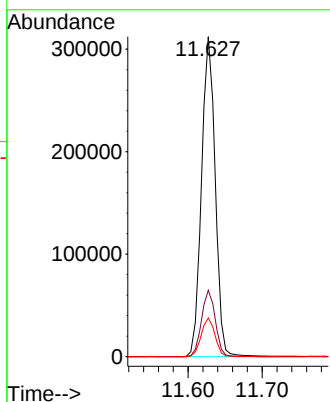
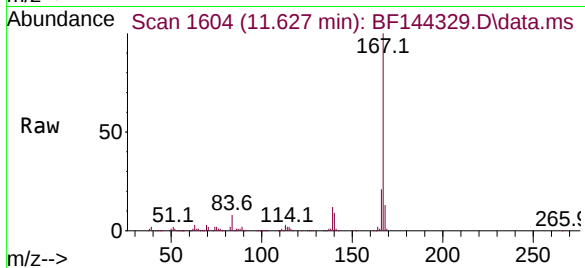
Tgt Ion:167 Resp: 400707

Ion Ratio Lower Upper

167 100

166 20.8 17.2 25.8

139 12.1 9.9 14.9



#74

Di-n-butylphthalate

Concen: 49.669 ng

RT: 11.951 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

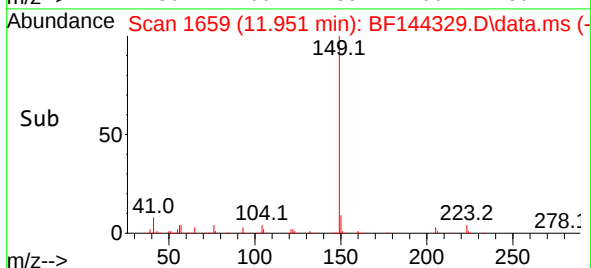
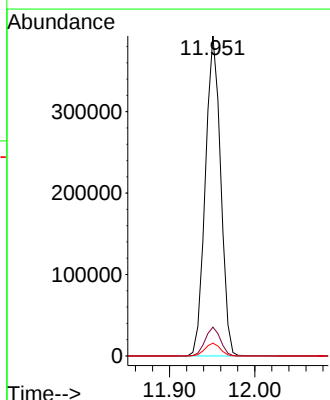
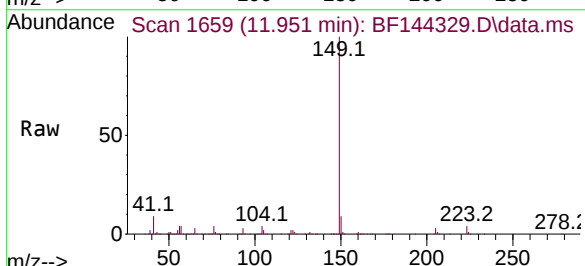
Tgt Ion:149 Resp: 489367

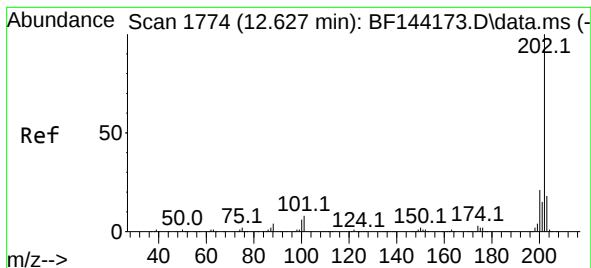
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 4.0 3.4 5.2





#75

Fluoranthene

Concen: 47.203 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

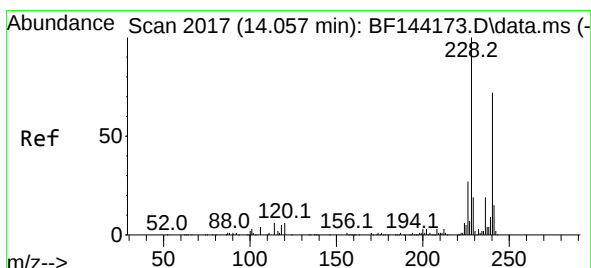
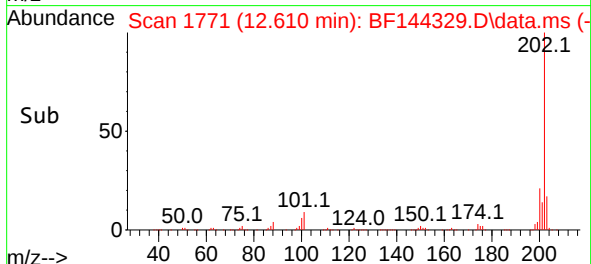
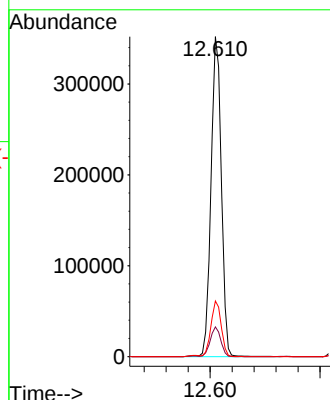
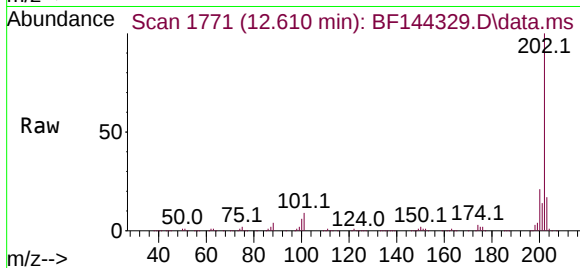
Tgt Ion:202 Resp: 459617

Ion Ratio Lower Upper

202 100

101 9.3 0.0 27.9

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

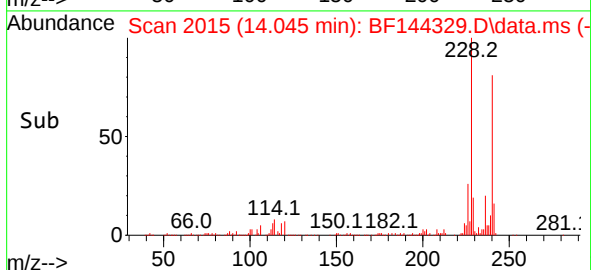
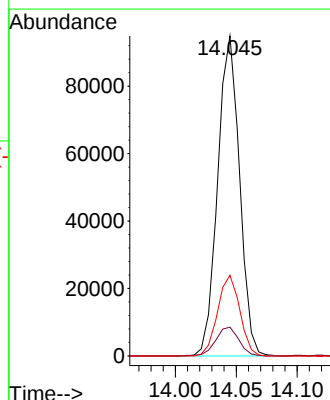
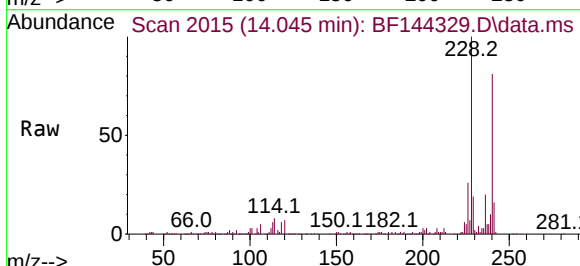
Tgt Ion:240 Resp: 118753

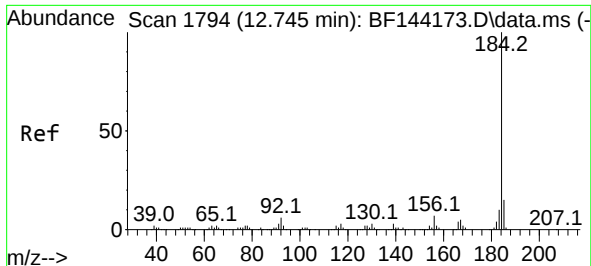
Ion Ratio Lower Upper

240 100

120 9.0 6.6 10.0

236 25.2 21.4 32.2

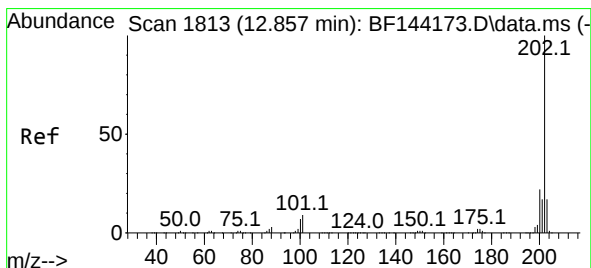
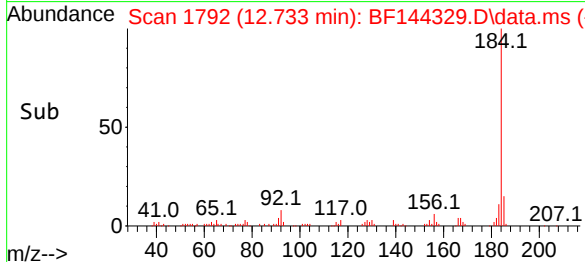
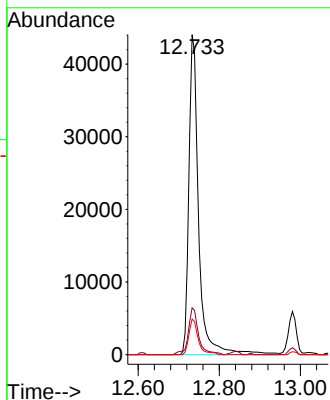
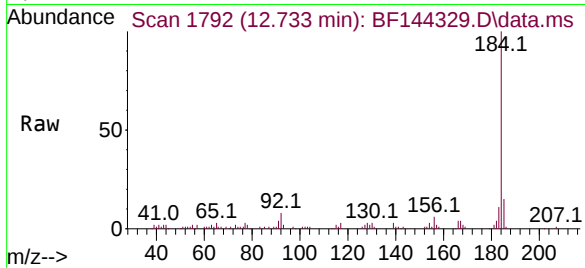




#77  
Benzidine  
Concen: 20.871 ng  
RT: 12.733 min Scan# 1792  
Delta R.T. -0.018 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

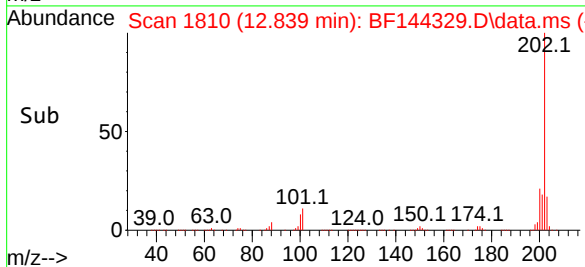
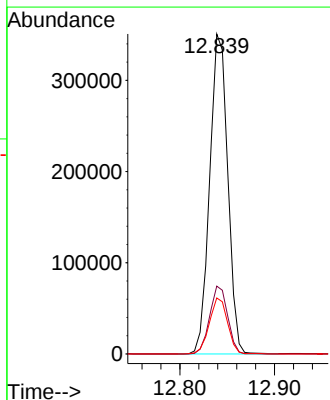
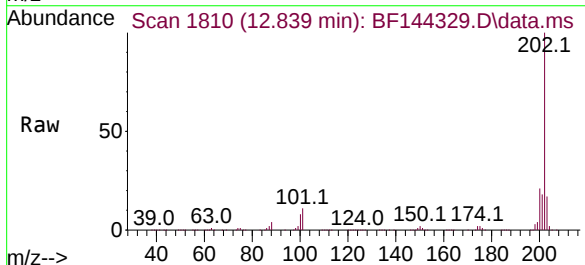
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

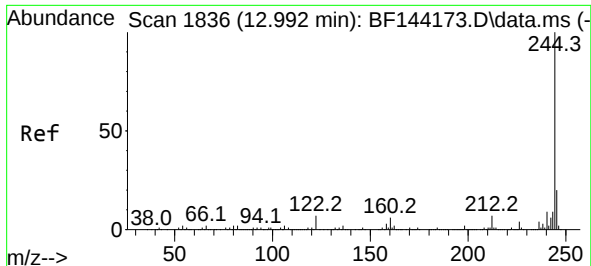
Tgt Ion:184 Resp: 73313  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.7 17.5  
183 11.1 8.3 12.5



#78  
Pyrene  
Concen: 48.551 ng  
RT: 12.839 min Scan# 1810  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:202 Resp: 464868  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.2 25.8  
203 17.5 13.7 20.5

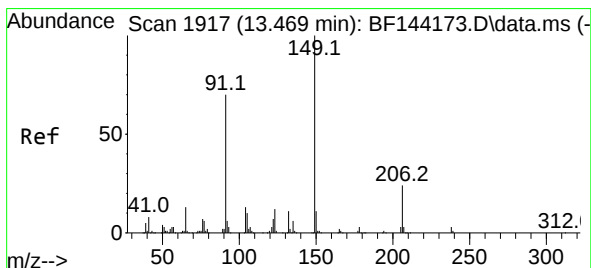
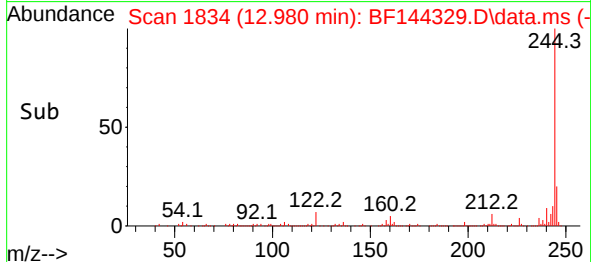
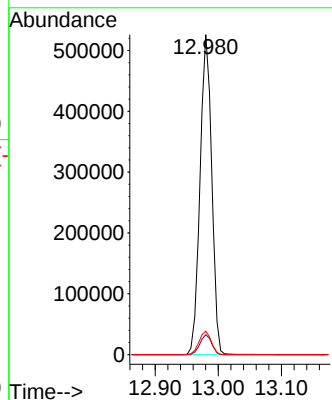
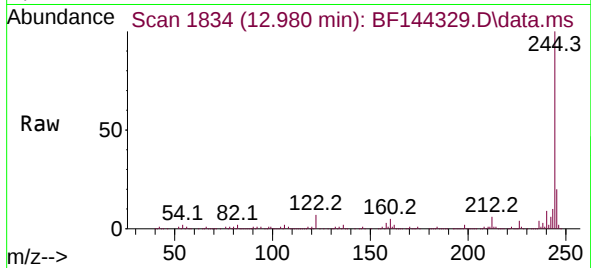




#79  
 Terphenyl-d14  
 Concen: 90.509 ng  
 RT: 12.980 min Scan# 1834  
 Delta R.T. -0.012 min  
 Lab File: BF144329.D  
 Acq: 24 Nov 2025 17:48

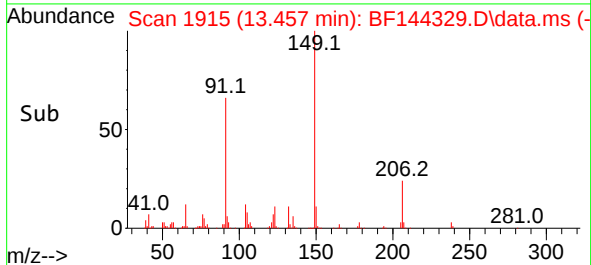
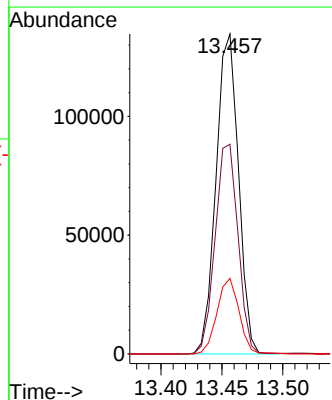
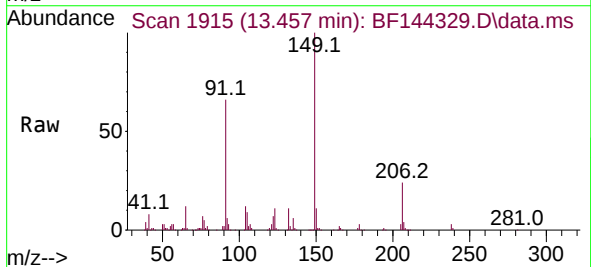
Instrument :  
 BNA\_F  
 ClientSampleId :  
 V933MS

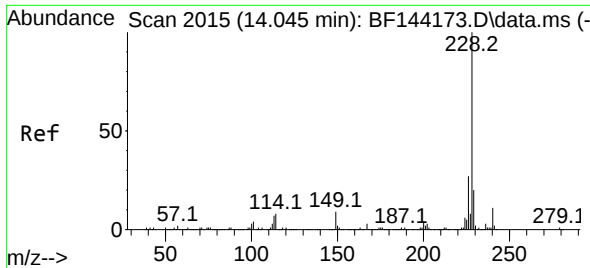
Tgt Ion:244 Resp: 676665  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.3 7.9  
 122 7.4 5.6 8.4



#80  
 Butylbenzylphthalate  
 Concen: 52.132 ng  
 RT: 13.457 min Scan# 1915  
 Delta R.T. -0.012 min  
 Lab File: BF144329.D  
 Acq: 24 Nov 2025 17:48

Tgt Ion:149 Resp: 173005  
 Ion Ratio Lower Upper  
 149 100  
 91 65.5 56.1 84.1  
 206 23.6 18.8 28.2

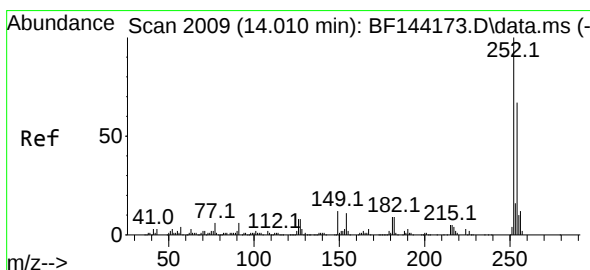
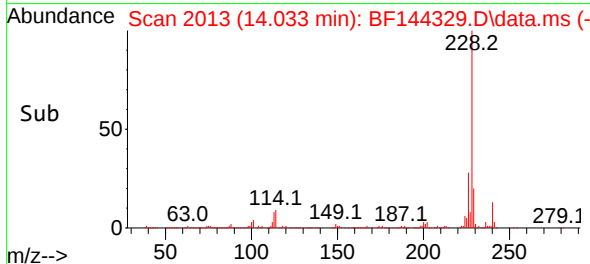
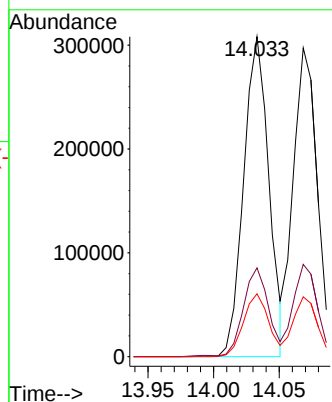
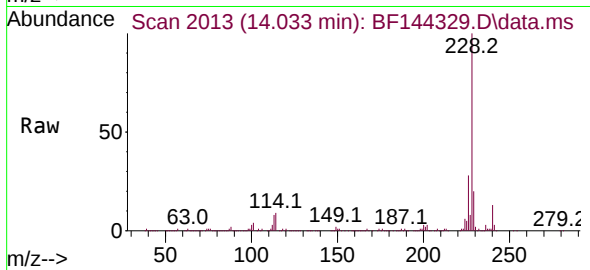




#81  
Benzo(a)anthracene  
Concen: 50.124 ng  
RT: 14.033 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

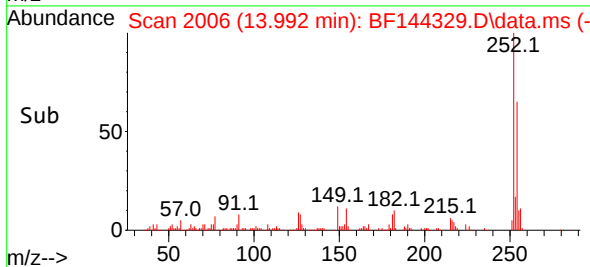
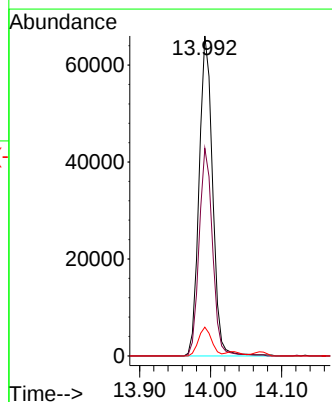
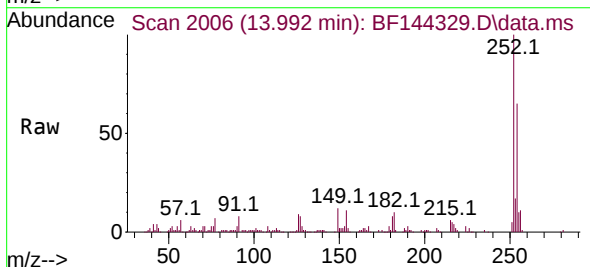
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

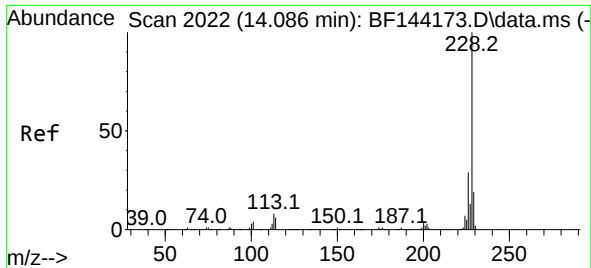
Tgt Ion:228 Resp: 412547  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.8 32.8  
229 19.6 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 30.730 ng  
RT: 13.992 min Scan# 2006  
Delta R.T. -0.018 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:252 Resp: 86695  
Ion Ratio Lower Upper  
252 100  
254 64.9 53.5 80.3  
126 9.0 6.4 9.6





#83

Chrysene

Concen: 49.551 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

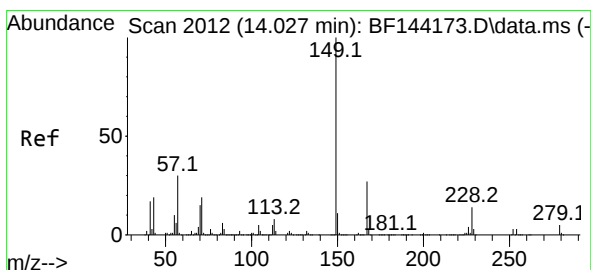
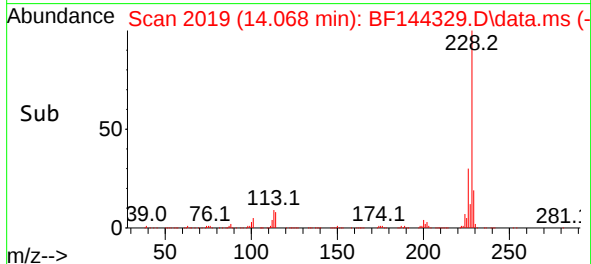
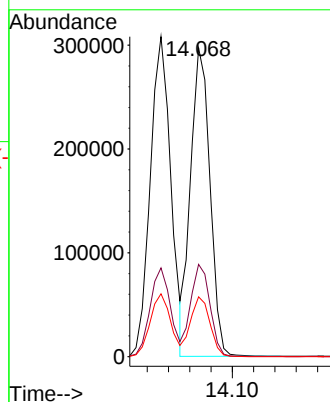
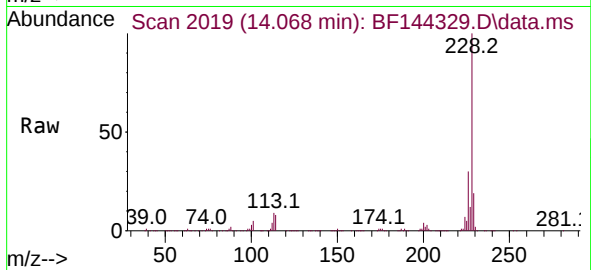
Tgt Ion:228 Resp: 376479

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.038 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

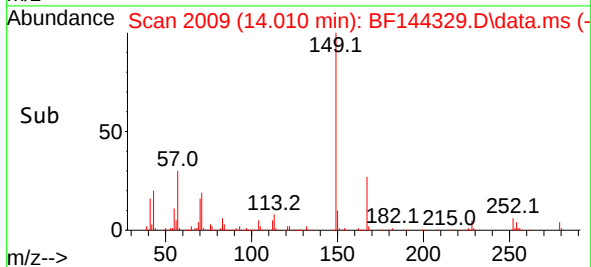
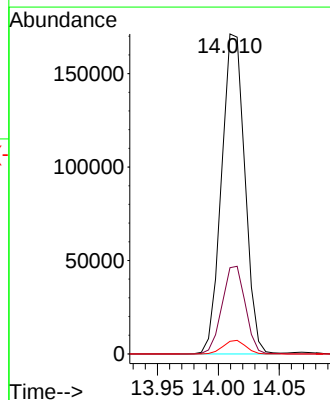
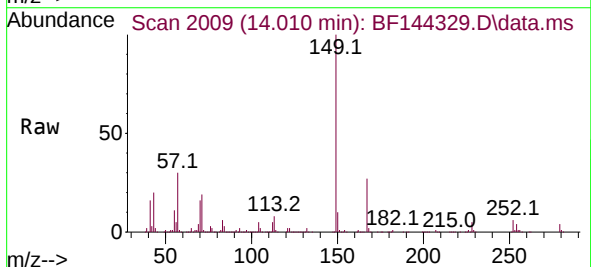
Tgt Ion:149 Resp: 227320

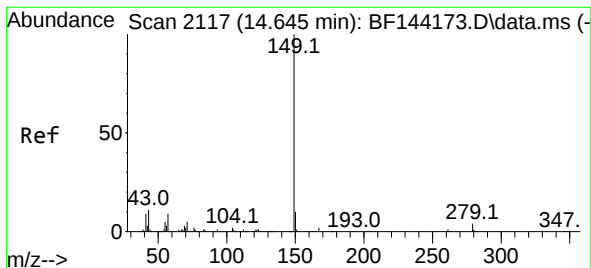
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.0 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 50.696 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA\_F

ClientSampleId :

V933MS

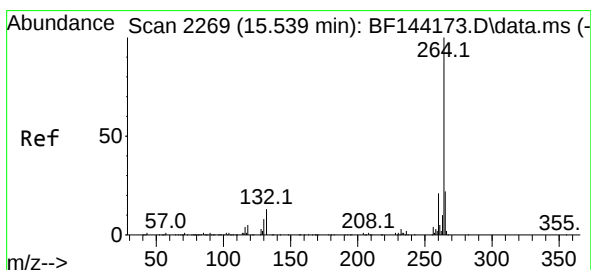
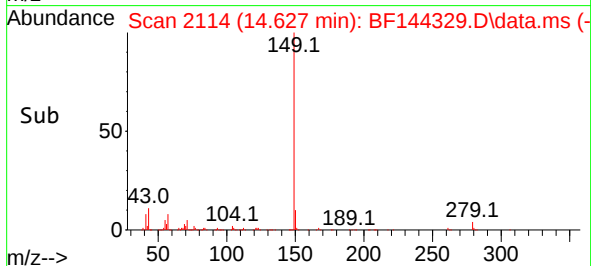
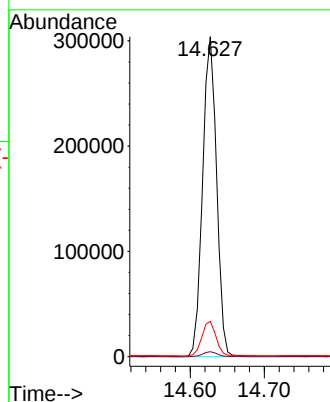
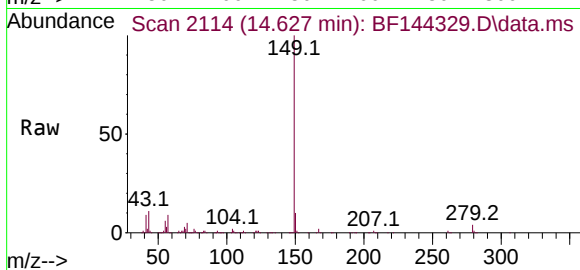
Tgt Ion:149 Resp: 397359

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

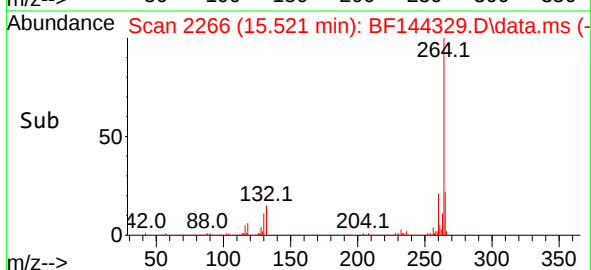
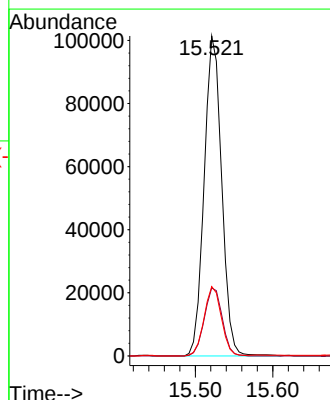
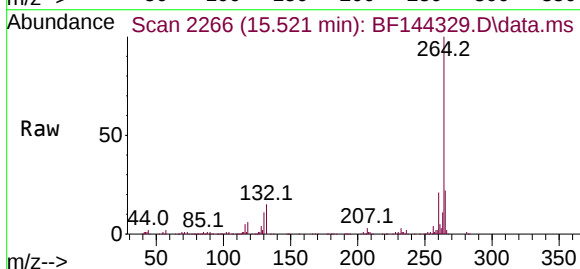
Tgt Ion:264 Resp: 159119

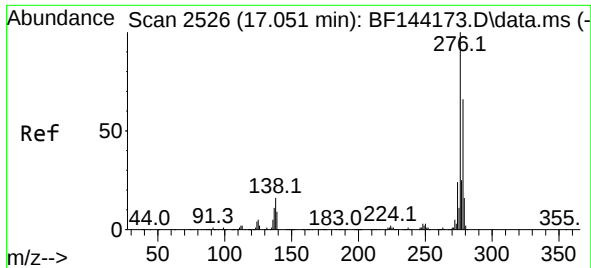
Ion Ratio Lower Upper

264 100

260 21.3 17.1 25.7

265 21.7 17.4 26.0

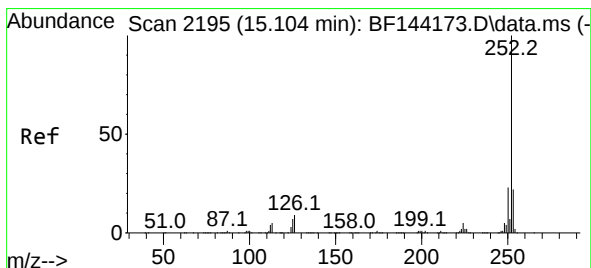
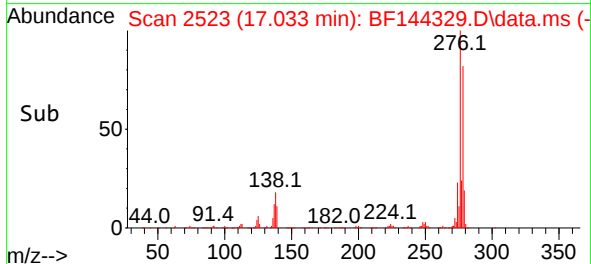
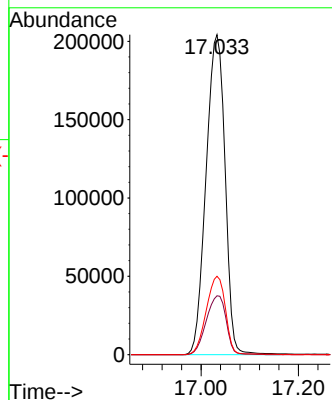
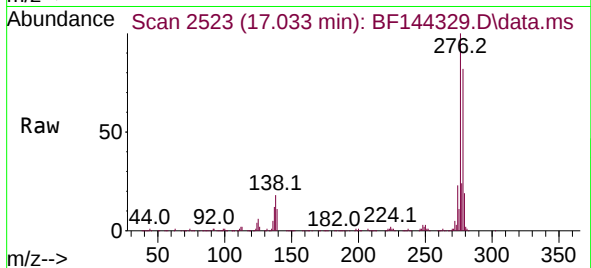




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.503 ng  
 RT: 17.033 min Scan# 2193  
 Delta R.T. -0.000 min  
 Lab File: BF144329.D  
 Acq: 24 Nov 2025 17:48

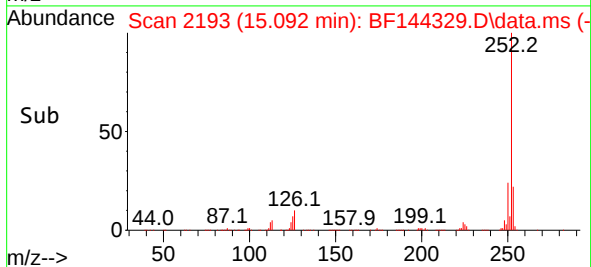
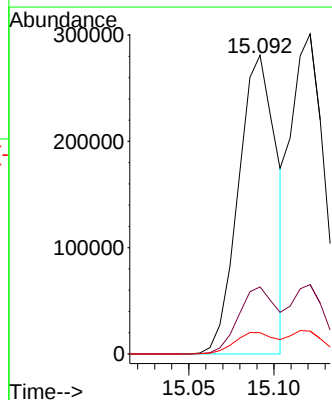
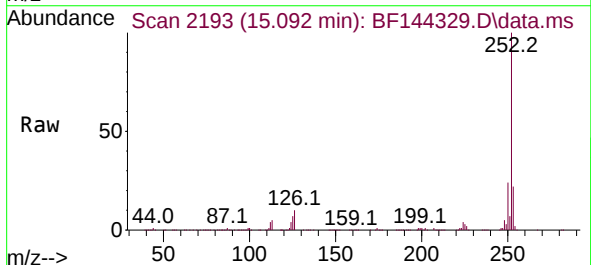
Instrument :  
 BNA\_F  
 ClientSampleId :  
 V933MS

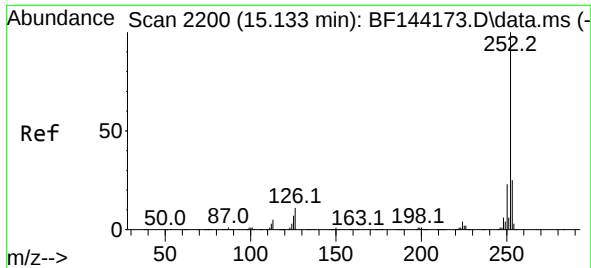
Tgt Ion:276 Resp: 554009  
 Ion Ratio Lower Upper  
 276 100  
 138 19.3 13.9 20.9  
 277 24.5 19.8 29.6



#88  
 Benzo(b)fluoranthene  
 Concen: 48.027 ng  
 RT: 15.092 min Scan# 2193  
 Delta R.T. -0.006 min  
 Lab File: BF144329.D  
 Acq: 24 Nov 2025 17:48

Tgt Ion:252 Resp: 434468  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.4 26.2  
 125 7.1 5.3 7.9

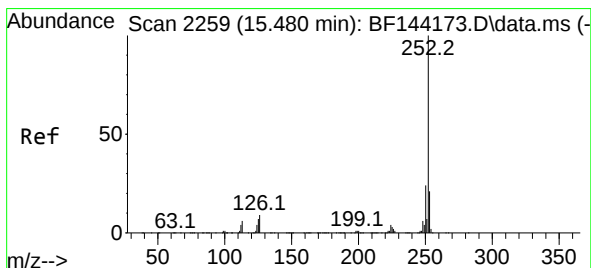
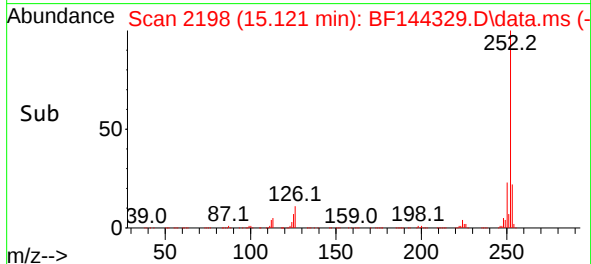
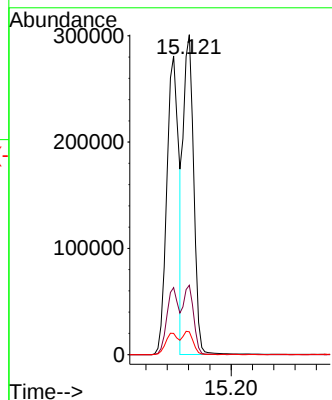
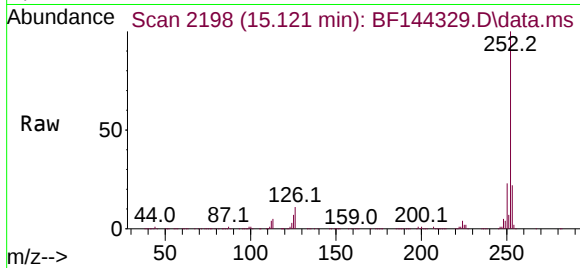




#89  
Benzo(k)fluoranthene  
Concen: 48.336 ng  
RT: 15.121 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

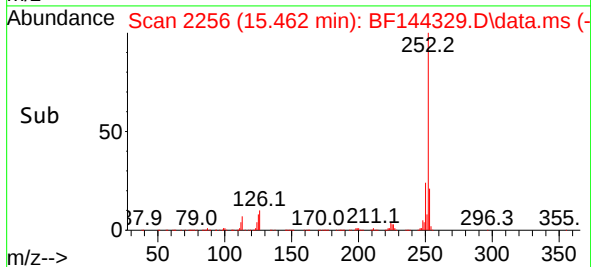
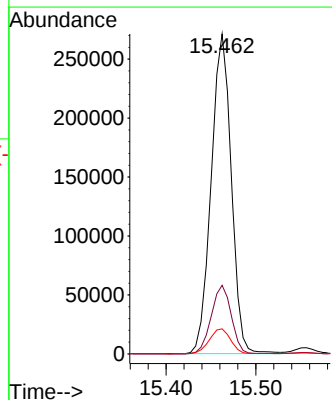
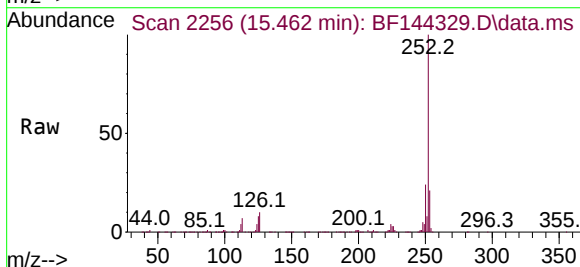
Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

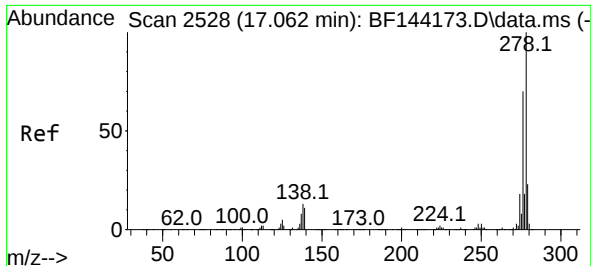
Tgt Ion:252 Resp: 409276  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.0 27.0  
125 7.1 5.4 8.2



#90  
Benzo(a)pyrene  
Concen: 50.609 ng  
RT: 15.462 min Scan# 2256  
Delta R.T. -0.012 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:252 Resp: 422358  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.7 25.1  
125 7.8 5.7 8.5

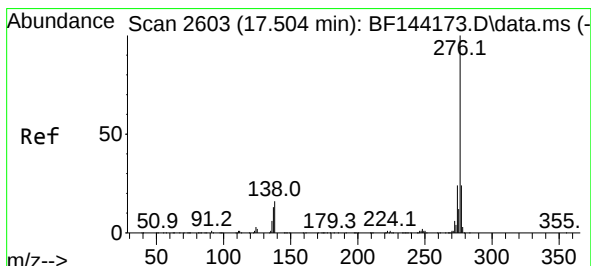
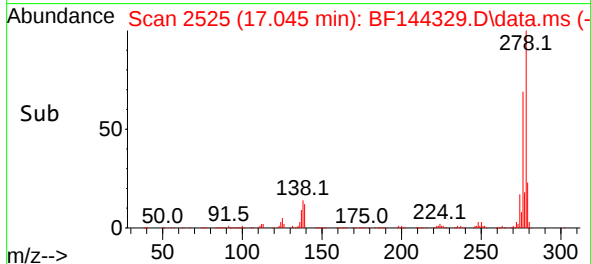
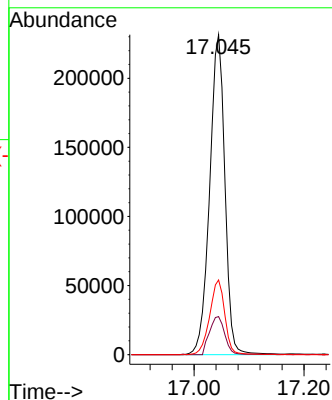
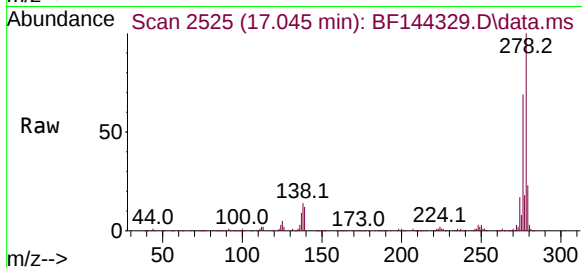




#91  
Dibenzo(a,h)anthracene  
Concen: 48.411 ng  
RT: 17.045 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Instrument :  
BNA\_F  
ClientSampleId :  
V933MS

Tgt Ion:278 Resp: 444089  
Ion Ratio Lower Upper  
278 100  
139 11.9 9.1 13.7  
279 23.3 18.2 27.4



#92  
Benzo(g,h,i)perylene  
Concen: 50.665 ng  
RT: 17.486 min Scan# 2600  
Delta R.T. -0.006 min  
Lab File: BF144329.D  
Acq: 24 Nov 2025 17:48

Tgt Ion:276 Resp: 458955  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.4  
138 17.7 12.9 19.3

