

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061125\  
 Data File : BF142735.D  
 Acq On : 11 Jun 2025 15:20  
 Operator : RC/JU  
 Sample : Q2268-04MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2-20250605MS

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 15:50:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 11 05:56:09 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.893  | 152  | 54183    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 194768   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 96533    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.422 | 188  | 149205   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 131264   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.563 | 264  | 157611   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 190896   | 60.005  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 168809   | 45.088  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 293258   | 82.402  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 130175   | 123.040 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 619422   | 85.249  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 574387   | 60.099  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.699  | 88   | 30009    | 23.835  | ng    | 95       |
| 3) Pyridine                   | 3.469  | 79   | 74215    | 23.509  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.405  | 42   | 42284    | 26.179  | ng    | # 98     |
| 6) Aniline                    | 6.557  | 93   | 108350   | 21.622  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 135667   | 39.022  | ng    | 98       |
| 9) Benzaldehyde               | 6.445  | 77   | 112972   | 48.726  | ng    | # 1      |
| 10) Phenol                    | 6.534  | 94   | 76822    | 18.460  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 138999   | 44.717  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 146256   | 36.862  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 148238   | 36.969  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 139245   | 36.227  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 92774    | 32.785  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 216381   | 44.213  | ng    | 98       |
| 17) 2-Methylphenol            | 7.145  | 107  | 88396    | 33.166  | ng    | # 94     |
| 18) Hexachloroethane          | 7.428  | 117  | 146430   | 101.901 | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 105486   | 44.257  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 99491    | 29.609  | ng    | # 61     |
| 22) Acetophenone              | 7.298  | 105  | 316906   | 73.147  | ng    | # 94     |
| 24) Nitrobenzene              | 7.475  | 77   | 162514   | 51.451  | ng    | 94       |
| 25) Isophorone                | 7.716  | 82   | 272219   | 45.177  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 81120    | 46.019  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 129833   | 43.260  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 171522   | 45.848  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 118894   | 42.926  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 135245   | 44.189  | ng    | 100      |
| 31) Naphthalene               | 8.204  | 128  | 1443846  | 149.893 | ng    | 99       |
| 32) Benzoic acid              | 7.910  | 122  | 33669m   | 19.920  | ng    |          |
| 33) 4-Chloroaniline           | 8.245  | 127  | 56011    | 14.482  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 81505    | 41.790  | ng    | 98       |
| 35) Caprolactam               | 8.645  | 113  | 7378     | 9.868   | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 107688   | 37.392  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 489047   | 80.213  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 403754   | 63.926  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 139097   | 49.785  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 151626   | 84.555  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 84541    | 46.744  | ng    | 97       |

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Manual Integrations  
 APPROVED

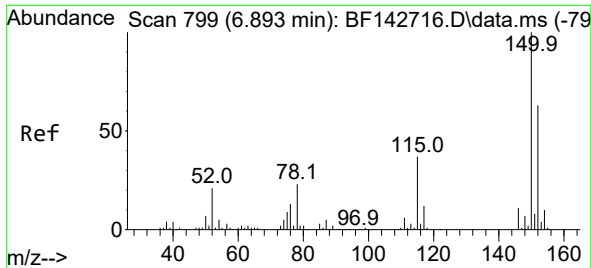
Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 15:50:56 2025  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 90449    | 46.303  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 374772   | 49.997  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 271776   | 49.213  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 74730    | 47.578  | ng    | 99       |
| 49) Acenaphthylene            | 9.792  | 152  | 444191   | 47.703  | ng    | 100      |
| 50) Dimethylphthalate         | 9.651  | 163  | 304222   | 47.193  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 65791    | 47.222  | ng    | 95       |
| 52) Acenaphthene              | 9.969  | 154  | 296788   | 51.407  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.881  | 138  | 32158    | 21.281  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 65055    | 85.243  | ng    | 91       |
| 55) Dibenzofuran              | 10.139 | 168  | 397876   | 48.396  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 40552    | 39.567  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 86133    | 46.759  | ng    | 99       |
| 58) Fluorene                  | 10.480 | 166  | 308320   | 47.491  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 72848m   | 44.328  | ng    |          |
| 60) Diethylphthalate          | 10.351 | 149  | 306024   | 47.876  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 146451   | 46.191  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 55367    | 40.955  | ng    | 99       |
| 63) Azobenzene                | 10.633 | 77   | 259761   | 46.531  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 41273    | 44.173  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 250126   | 48.770  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 88012    | 49.973  | ng    | 97       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 96899    | 49.565  | ng    | 98       |
| 69) Atrazine                  | 11.122 | 200  | 73139    | 53.489  | ng    | 99       |
| 70) Pentachlorophenol         | 11.228 | 266  | 108714   | 106.085 | ng    | 100      |
| 71) Phenanthrene              | 11.445 | 178  | 407429   | 50.970  | ng    | 99       |
| 72) Anthracene                | 11.498 | 178  | 410494   | 49.642  | ng    | 100      |
| 73) Carbazole                 | 11.651 | 167  | 369243   | 53.339  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 467525   | 60.483  | ng    | 99       |
| 75) Fluoranthene              | 12.639 | 202  | 419950   | 55.250  | ng    | 99       |
| 78) Pyrene                    | 12.869 | 202  | 421513   | 34.555  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 197597   | 54.778  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 422953   | 48.624  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 70837    | 25.254  | ng    | 98       |
| 83) Chrysene                  | 14.092 | 228  | 393175   | 48.958  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 288438   | 53.281  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 512678   | 49.362  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 528129   | 45.217  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 490678   | 52.873  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 407250   | 45.228  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 435969   | 49.409  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 432848   | 45.387  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 416129   | 43.879  | ng    | 99       |

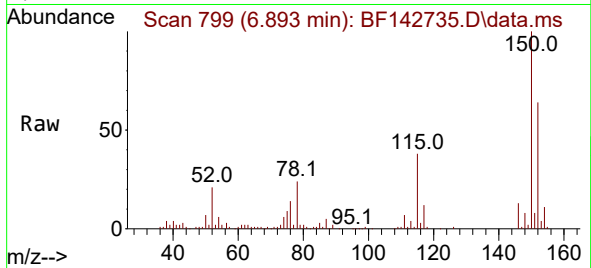
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

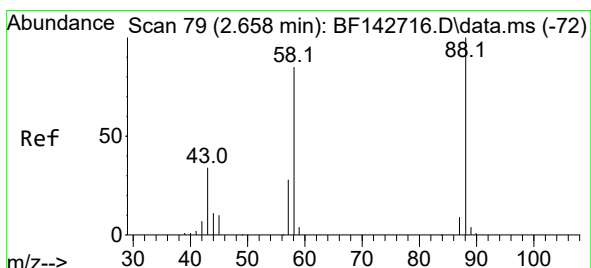
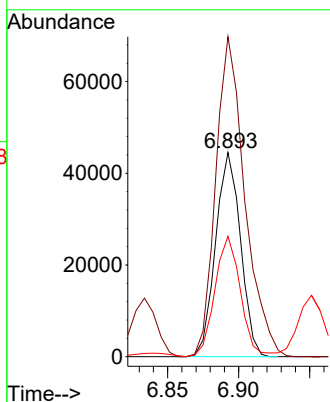
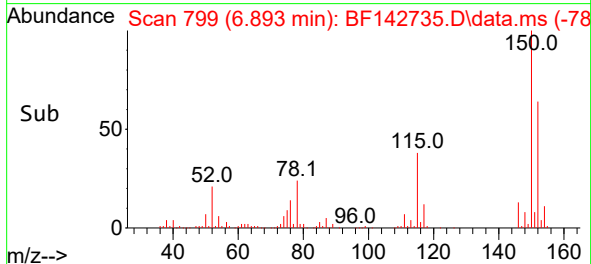
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion:152 Resp: 5418  
Ion Ratio Lower Upper  
152 100  
150 156.7 126.9 190.3  
115 59.0 47.0 70.6

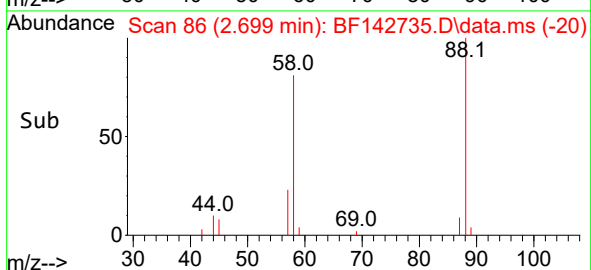
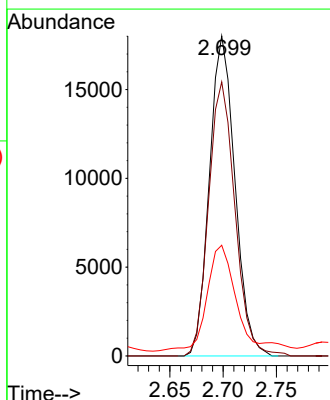
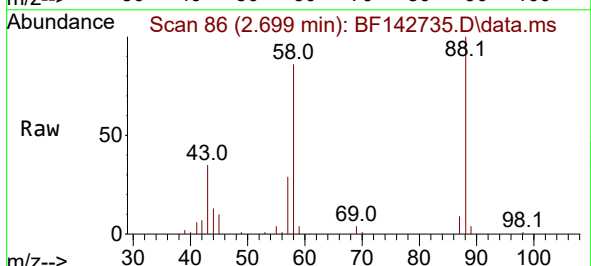
Manual Integrations  
APPROVED

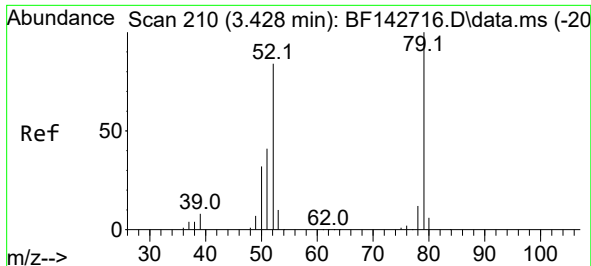
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#2  
1,4-Dioxane  
Concen: 23.835 ng  
RT: 2.699 min Scan# 86  
Delta R.T. 0.041 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

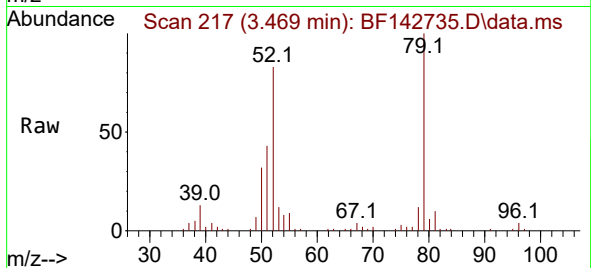
Tgt Ion: 88 Resp: 30009  
Ion Ratio Lower Upper  
88 100  
58 88.8 68.4 102.6  
43 38.8 27.0 40.6





#3  
Pyridine  
Concen: 23.509 ng  
RT: 3.469 min Scan# 210  
Delta R.T. 0.041 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

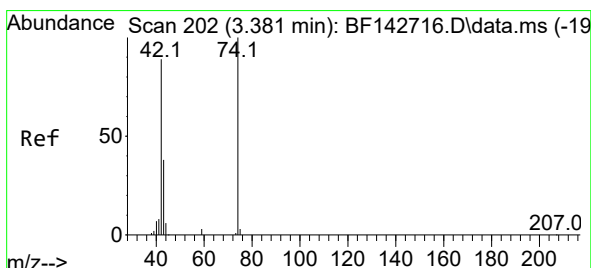
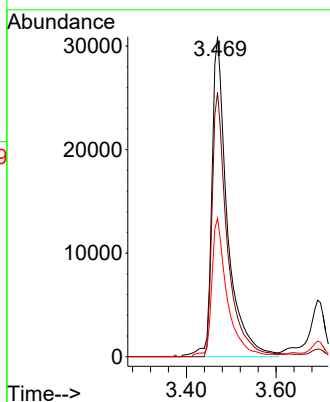
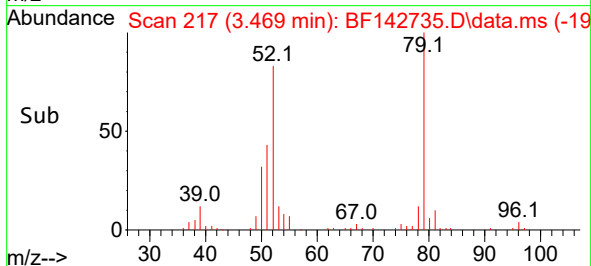
Instrument :  
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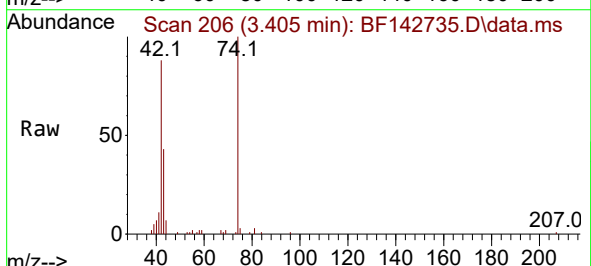
Tgt Ion: 79 Resp: 74215  
Ion Ratio Lower Upper  
79 100  
52 82.7 67.1 100.7  
51 43.3 32.6 48.8

Manual Integrations  
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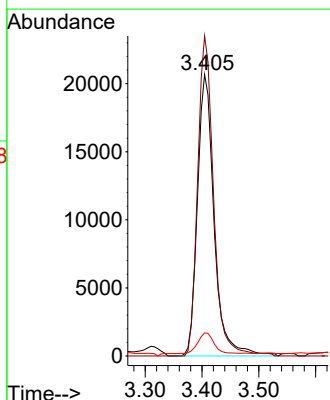
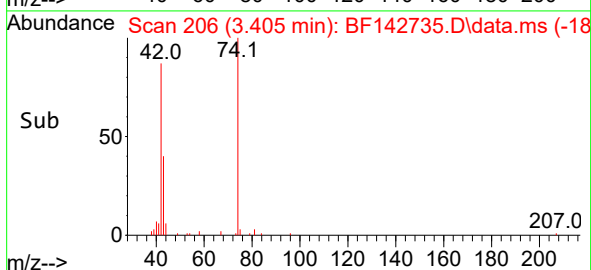
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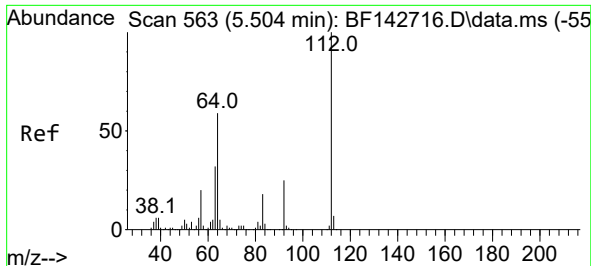


#4  
n-Nitrosodimethylamine  
Concen: 26.179 ng  
RT: 3.405 min Scan# 206  
Delta R.T. 0.024 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



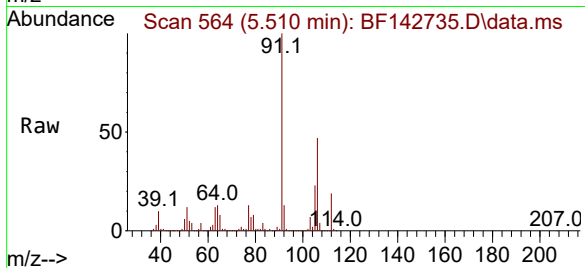
Tgt Ion: 42 Resp: 42284  
Ion Ratio Lower Upper  
42 100  
74 113.7 89.6 134.4  
44 8.2 5.4 8.2#





#5  
2-Fluorophenol  
Concen: 60.005 ng  
RT: 5.510 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

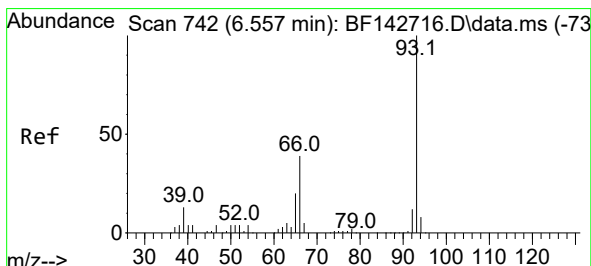
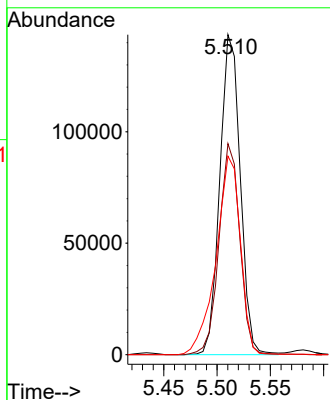
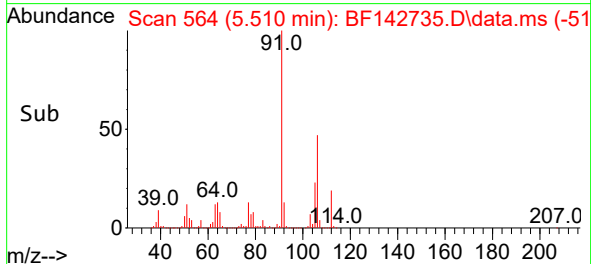
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Tgt Ion:112 Resp: 190890  
Ion Ratio Lower Upper  
112 100  
64 65.9 47.4 71.2  
63 62.0 25.4 38.0

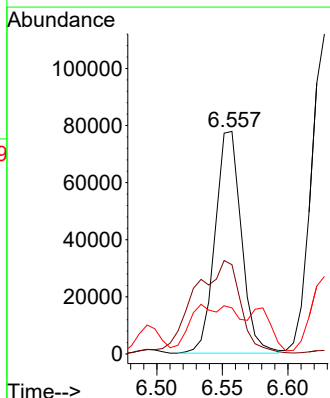
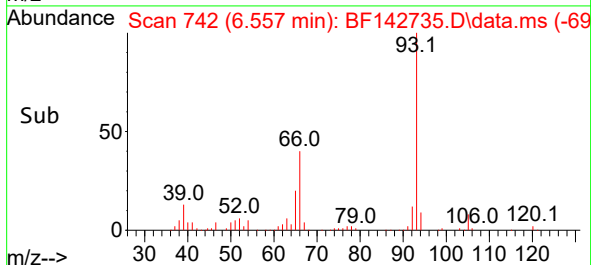
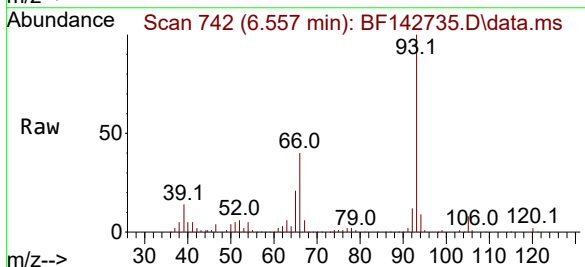
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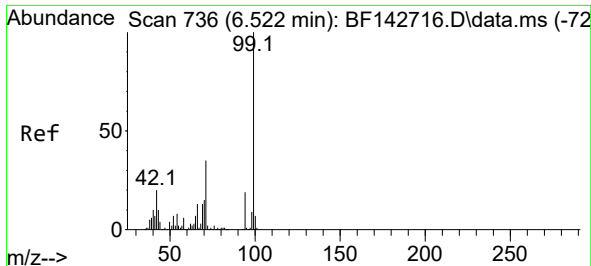
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#6  
Aniline  
Concen: 21.622 ng  
RT: 6.557 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

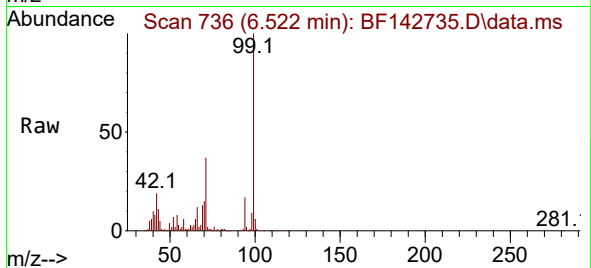
Tgt Ion: 93 Resp: 108350  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.0 48.0  
65 20.7 16.1 24.1





#7  
Phenol-d6  
Concen: 45.088 ng  
RT: 6.522 min Scan# 716  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

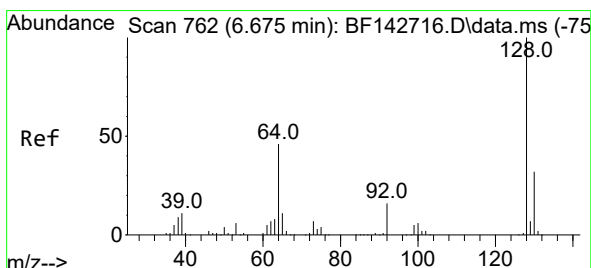
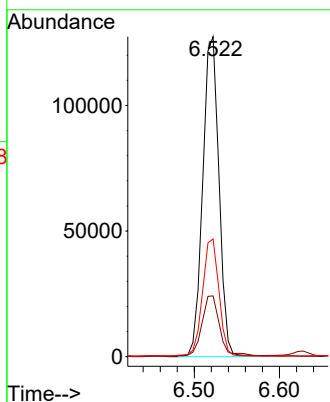
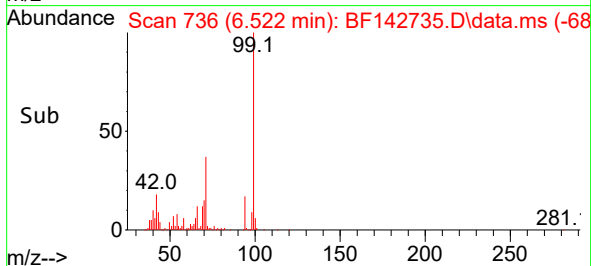
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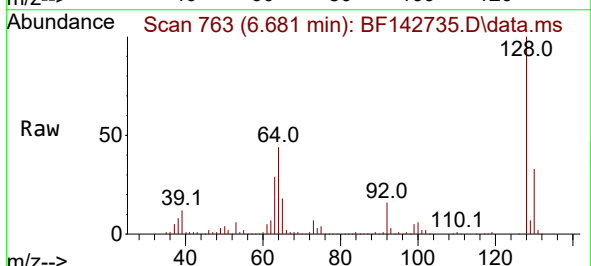
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Ion Ratio Lower Upper  
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42 19.0 15.9 23.9  
71 36.8 28.0 42.0

Manual Integrations  
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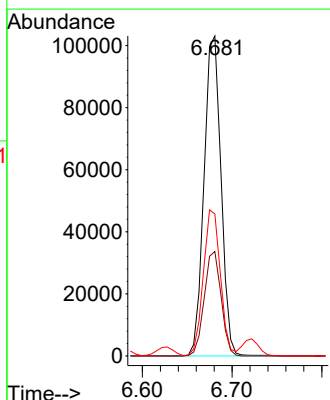
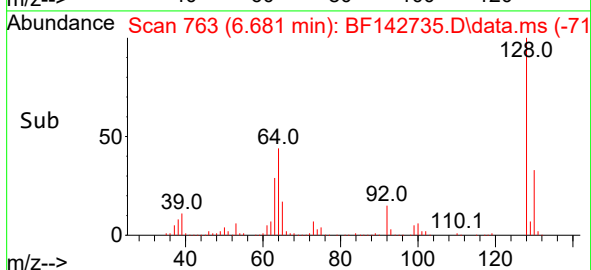
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

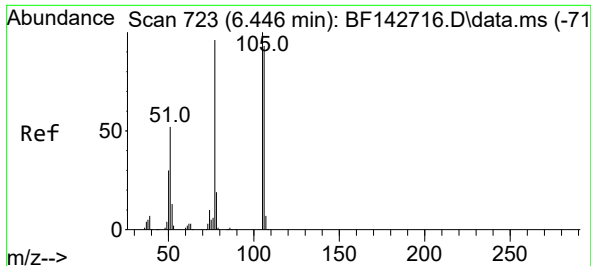


#8  
2-Chlorophenol  
Concen: 39.022 ng  
RT: 6.681 min Scan# 763  
Delta R.T. 0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



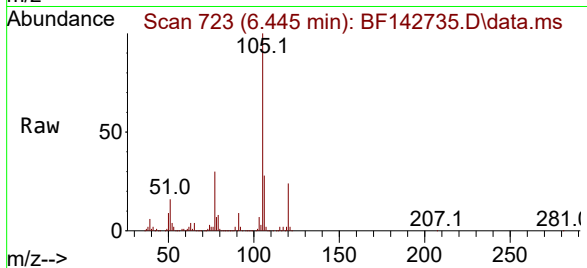
Tgt Ion:128 Resp: 135667  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.4 52.4  
64 44.4 26.5 66.5





#9  
Benzaldehyde  
Concen: 48.726 ng  
RT: 6.445 min Scan# 723  
Delta R.T. -0.001 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

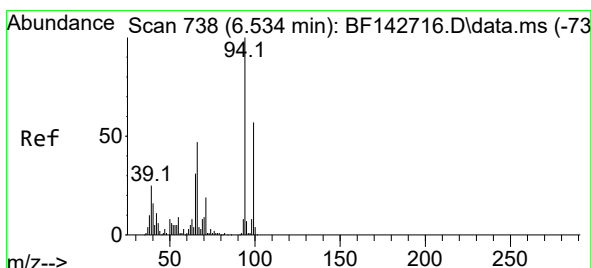
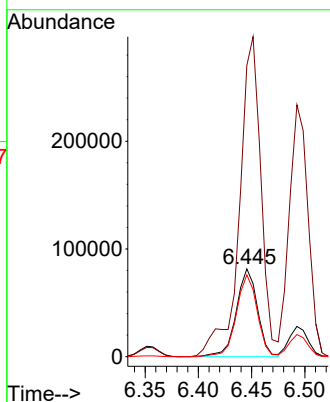
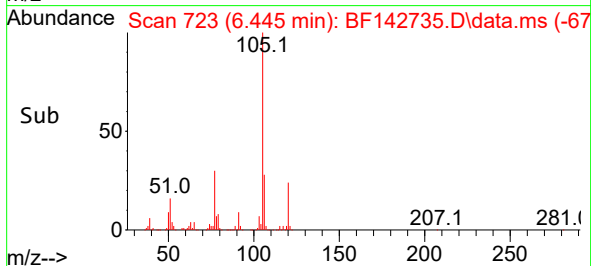
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion: 77 Resp: 112972  
Ion Ratio Lower Upper  
77 100  
105 331.7 84.1 124.1  
106 93.1 77.2 117.2

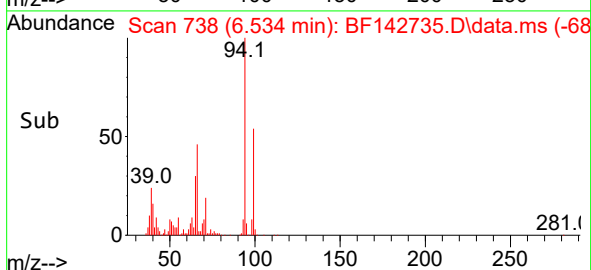
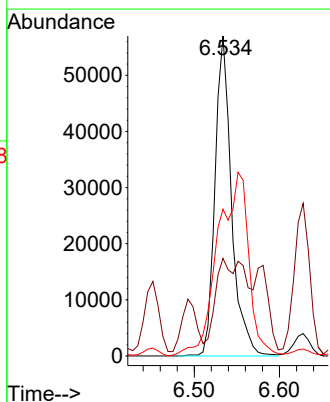
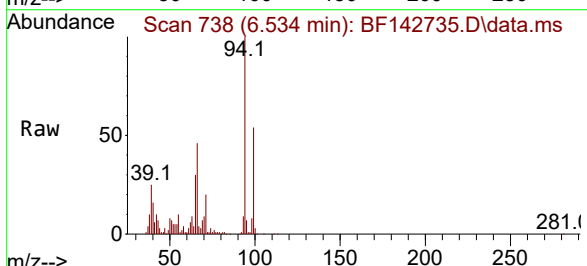
Manual Integrations  
APPROVED

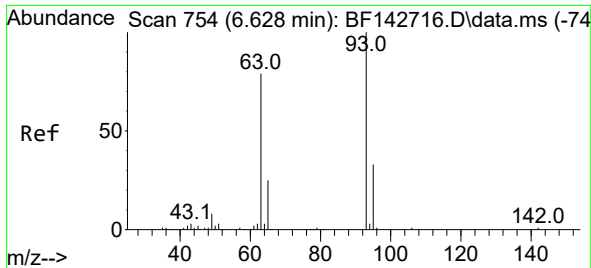
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#10  
Phenol  
Concen: 18.460 ng  
RT: 6.534 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

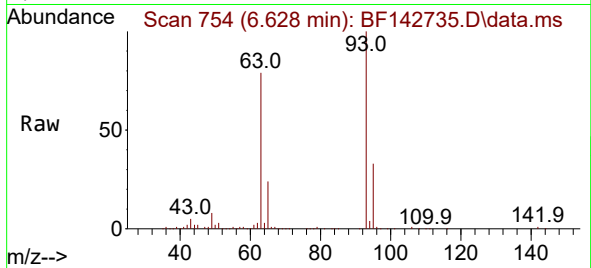
Tgt Ion: 94 Resp: 76822  
Ion Ratio Lower Upper  
94 100  
65 30.5 11.4 51.4  
66 45.8 26.7 66.7





#11  
bis(2-Chloroethyl)ether  
Concen: 44.717 ng  
RT: 6.628 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

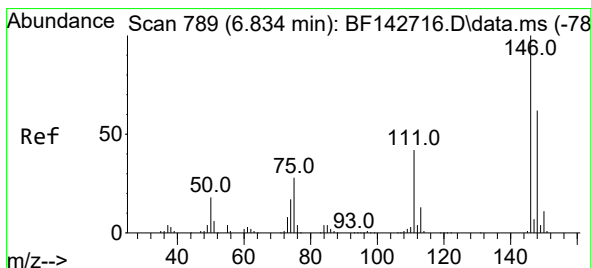
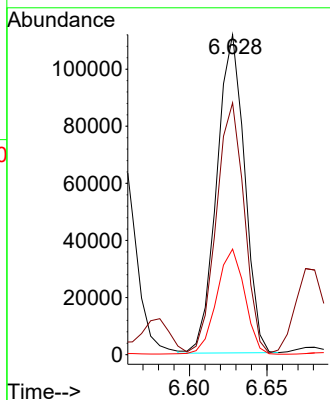
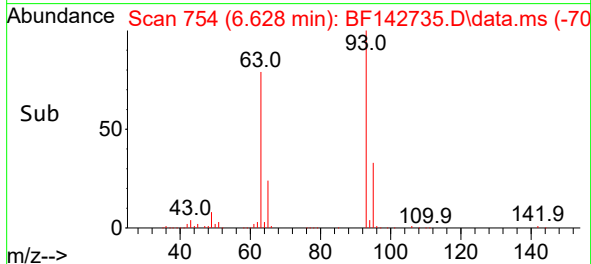
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



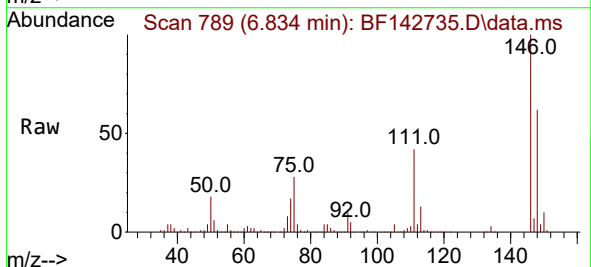
Tgt Ion: 93 Resp: 138995  
Ion Ratio Lower Upper  
93 100  
63 78.7 58.3 98.3  
95 33.0 13.1 53.1

Manual Integrations  
APPROVED

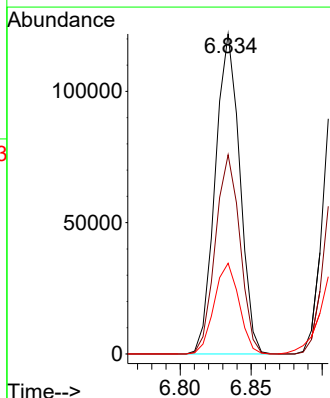
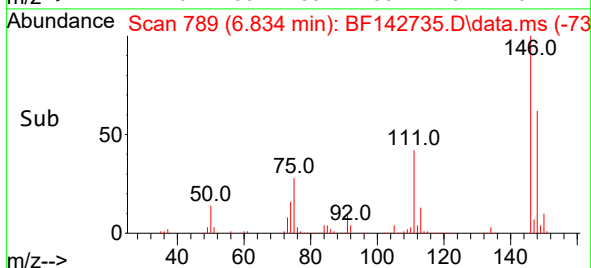
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

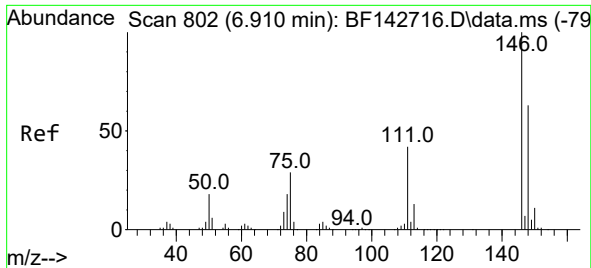


#12  
1,3-Dichlorobenzene  
Concen: 36.862 ng  
RT: 6.834 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



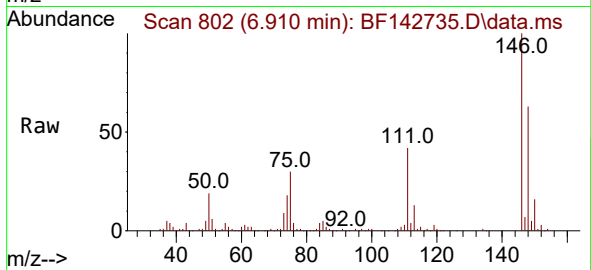
Tgt Ion:146 Resp: 146256  
Ion Ratio Lower Upper  
146 100  
148 62.3 49.9 74.9  
75 28.4 22.6 34.0





#13  
1,4-Dichlorobenzene  
Concen: 36.969 ng  
RT: 6.910 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

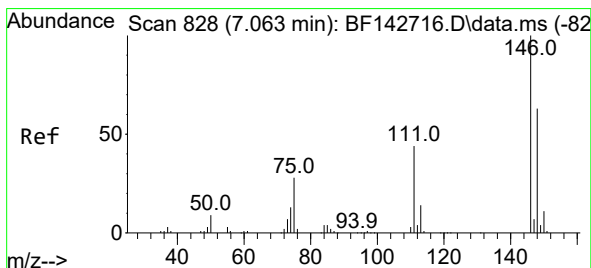
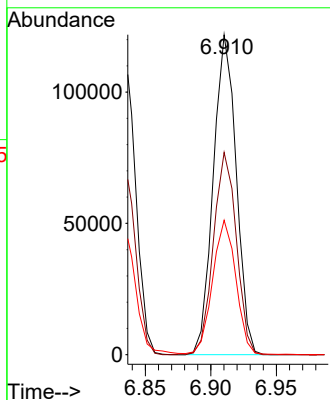
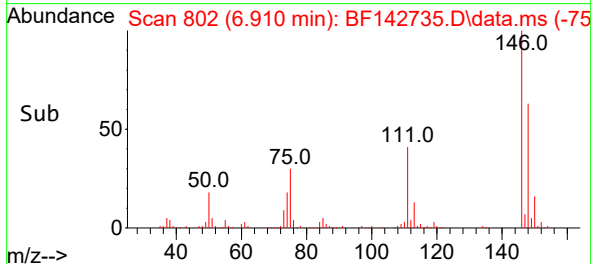
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



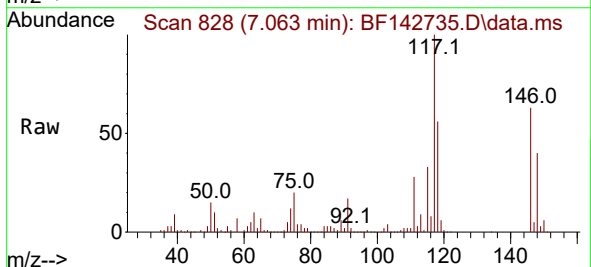
Tgt Ion:146 Resp: 148238  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.5 75.7  
111 42.0 33.6 50.4

Manual Integrations  
APPROVED

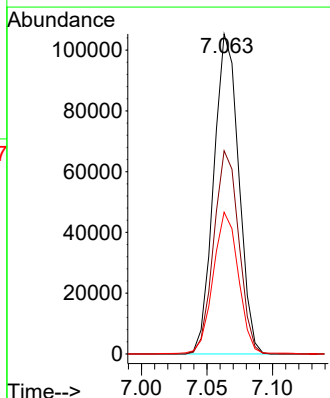
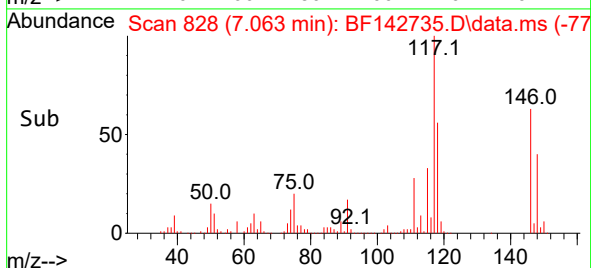
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

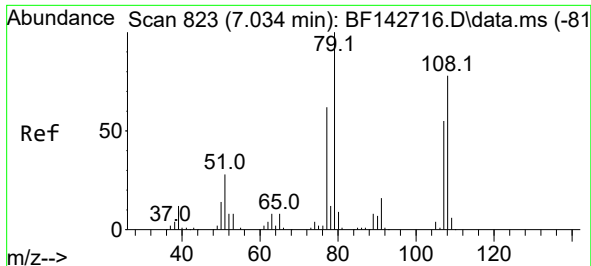


#14  
1,2-Dichlorobenzene  
Concen: 36.227 ng  
RT: 7.063 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



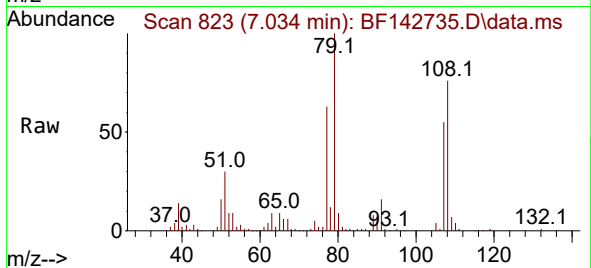
Tgt Ion:146 Resp: 139245  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.4 75.6  
111 44.3 35.2 52.8





#15  
Benzyl Alcohol  
Concen: 32.785 ng  
RT: 7.034 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

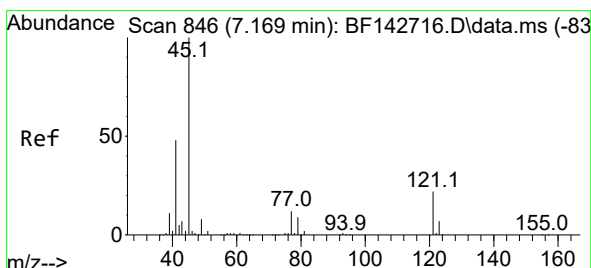
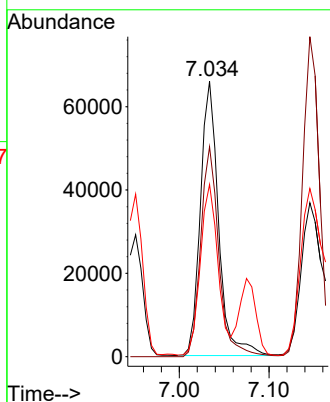
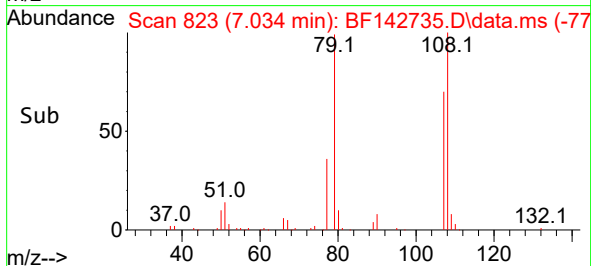
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion: 79 Resp: 92774  
Ion Ratio Lower Upper  
79 100  
108 76.2 62.6 94.0  
77 62.5 49.8 74.8

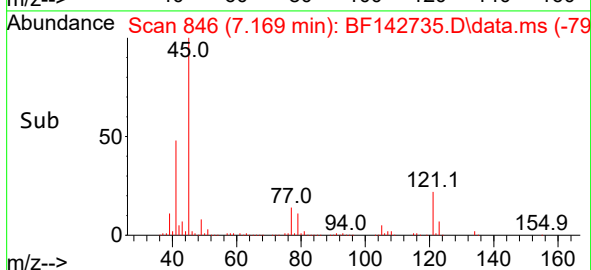
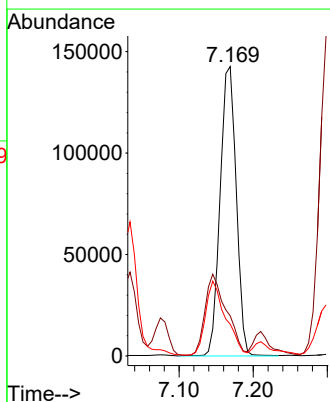
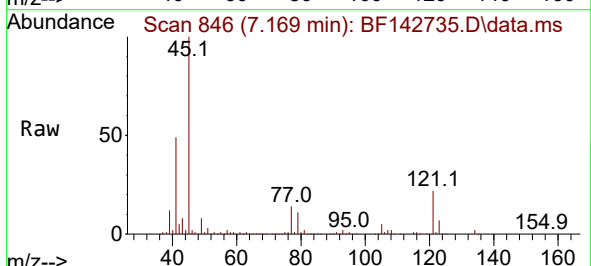
Manual Integrations  
APPROVED

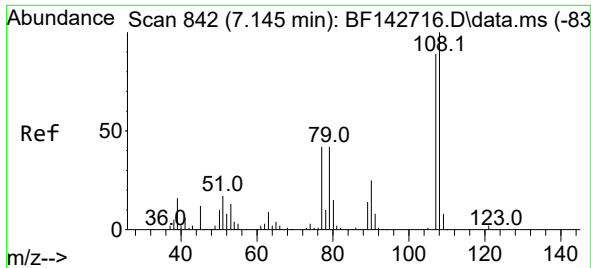
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.213 ng  
RT: 7.169 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

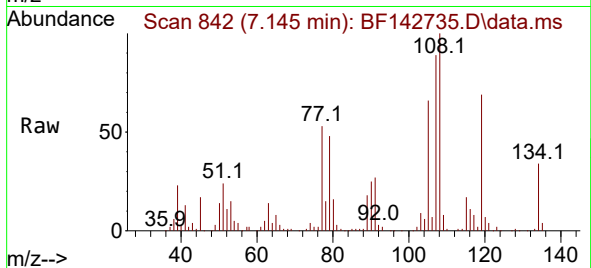
Tgt Ion: 45 Resp: 216381  
Ion Ratio Lower Upper  
45 100  
77 13.9 0.0 33.1  
79 11.0 0.0 30.5





#17  
2-Methylphenol  
Concen: 33.166 ng  
RT: 7.145 min Scan# 842  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

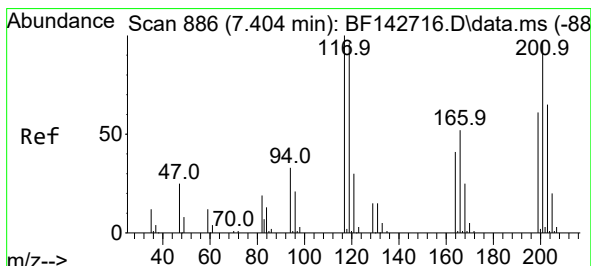
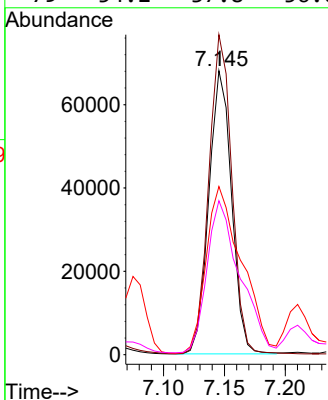
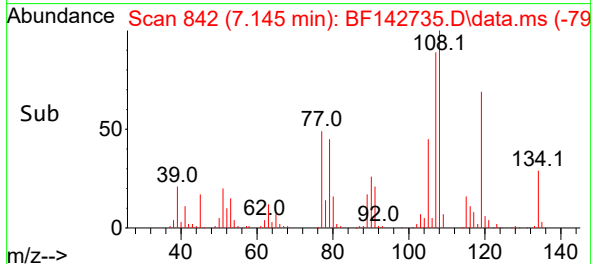
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



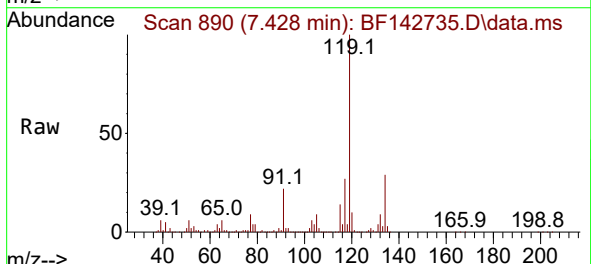
Tgt Ion:107 Resp: 88390  
Ion Ratio Lower Upper  
107 100  
108 112.7 90.0 135.0  
77 59.2 38.2 57.2  
79 54.2 37.8 56.6

Manual Integrations  
APPROVED

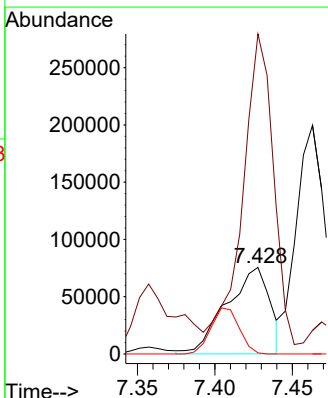
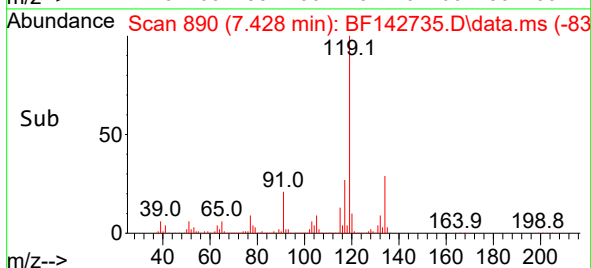
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

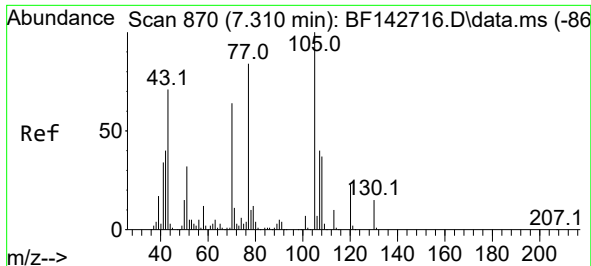


#18  
Hexachloroethane  
Concen: 101.901 ng  
RT: 7.428 min Scan# 890  
Delta R.T. 0.024 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



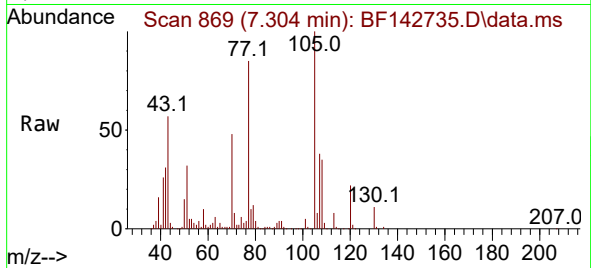
Tgt Ion:117 Resp: 146430  
Ion Ratio Lower Upper  
117 100  
119 370.0 76.4 114.6#  
201 1.2 77.8 116.6#





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.257 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

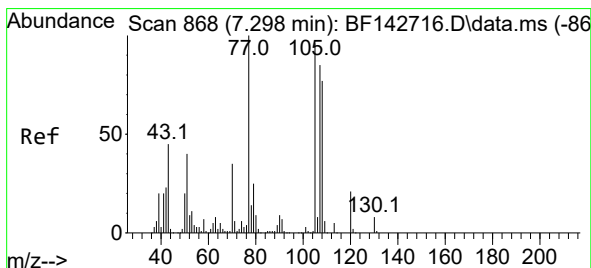
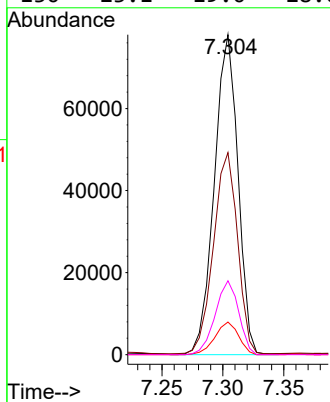
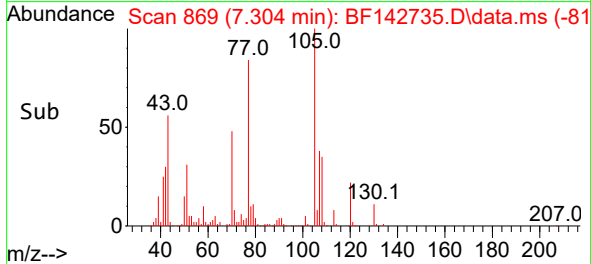
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion: 70 Resp: 105486  
Ion Ratio Lower Upper  
70 100  
42 63.1 50.2 75.4  
101 10.2 8.3 12.5  
130 23.1 19.0 28.6

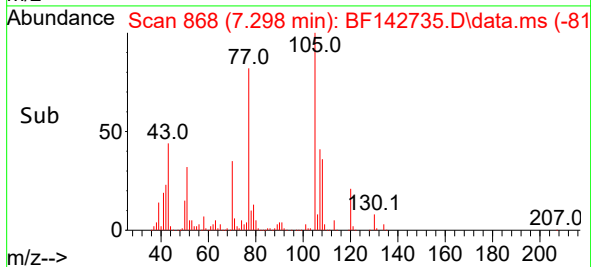
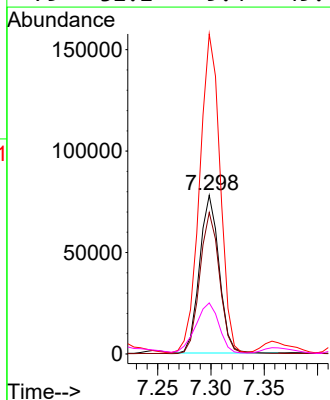
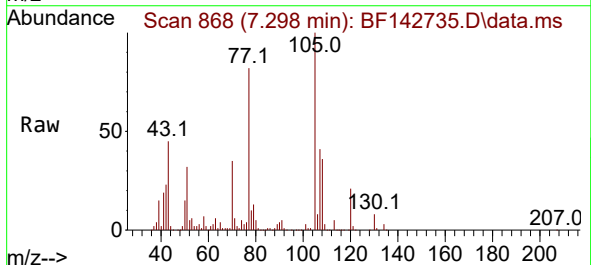
Manual Integrations  
APPROVED

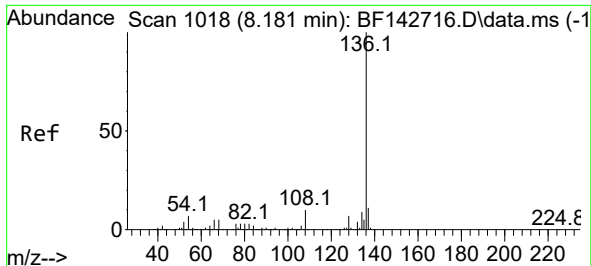
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#20  
3+4-Methylphenols  
Concen: 29.609 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Tgt Ion:107 Resp: 99491  
Ion Ratio Lower Upper  
107 100  
108 89.1 69.9 109.9  
77 201.6 97.4 137.4#  
79 32.2 9.4 49.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BF142735.D

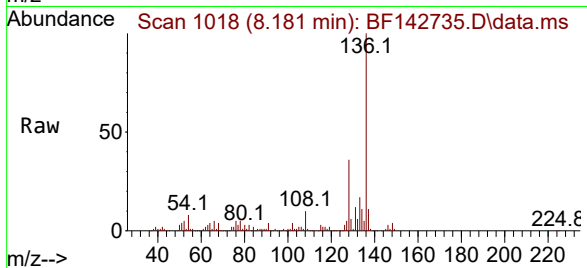
Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

MW-2-20250605MS



Tgt Ion:136 Resp: 194768

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.6 5.9 8.9

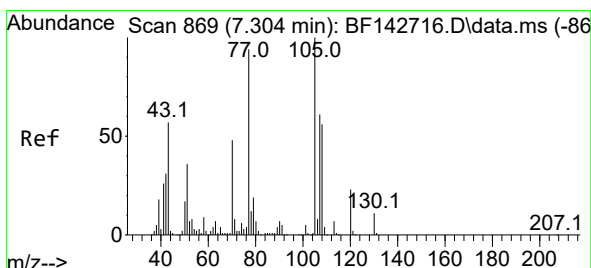
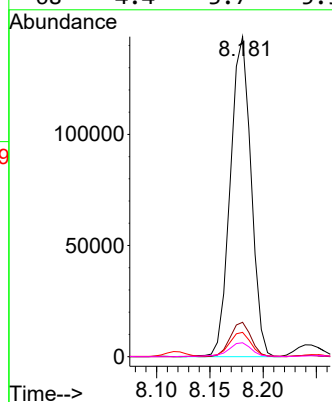
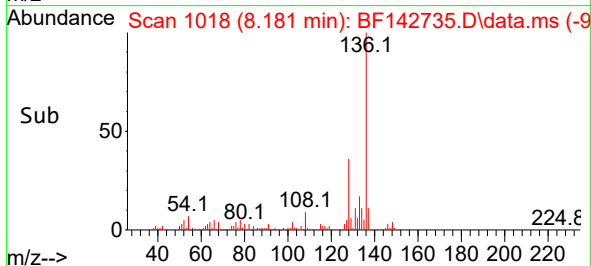
68 4.4 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#22

Acetophenone

Concen: 73.147 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:105 Resp: 316906

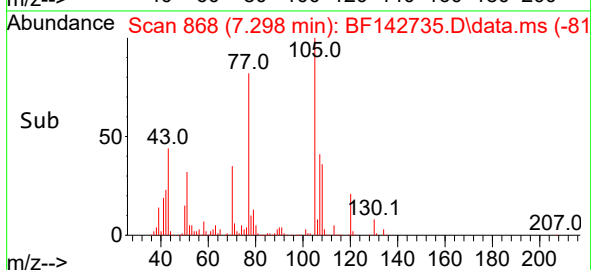
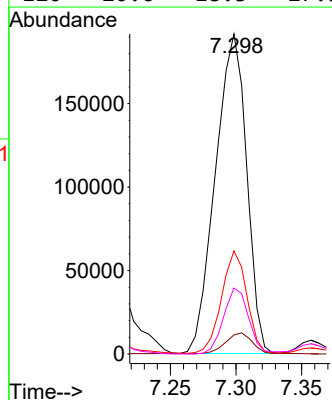
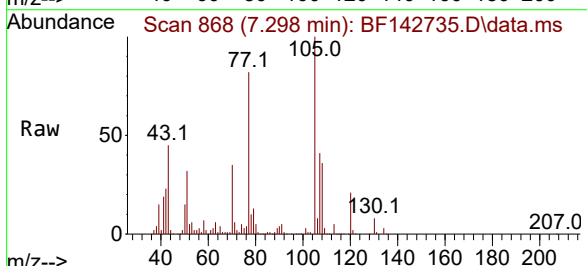
Ion Ratio Lower Upper

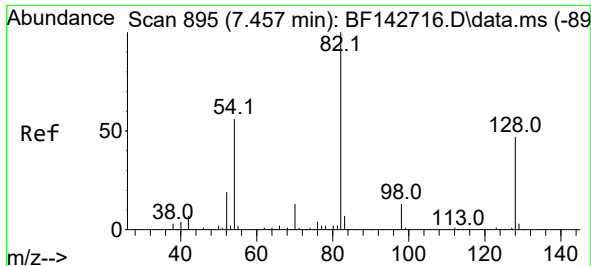
105 100

71 5.9 6.4 9.6

51 32.2 29.1 43.7

120 20.6 18.3 27.5





#23

Nitrobenzene-d5

Concen: 82.402 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

MW-2-20250605MS

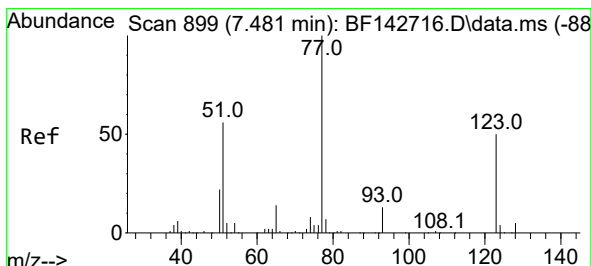
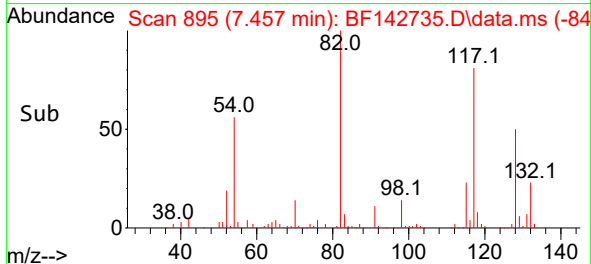
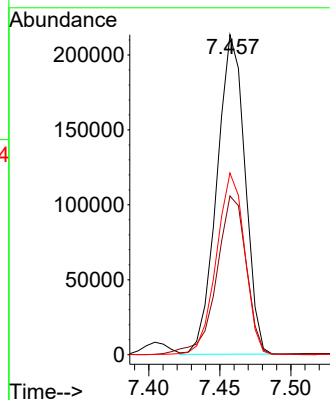
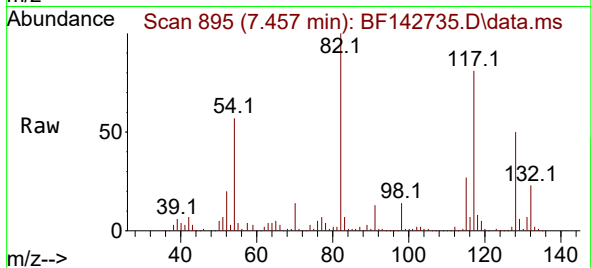
Tgt Ion: 82 Resp: 293258

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.6  | 37.8  | 56.8  |
| 54  | 56.7  | 44.9  | 67.3  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#24

Nitrobenzene

Concen: 51.451 ng

RT: 7.475 min Scan# 898

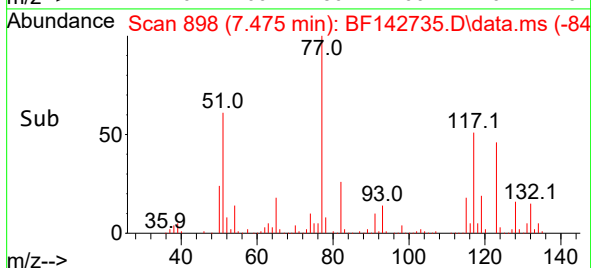
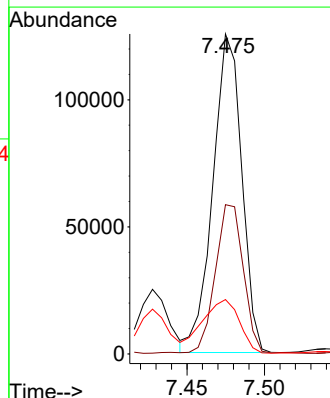
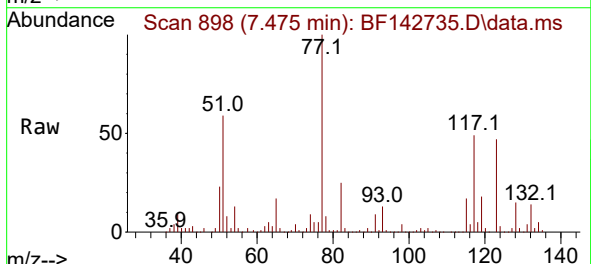
Delta R.T. -0.006 min

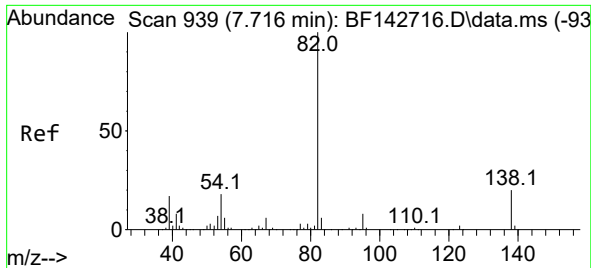
Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion: 77 Resp: 162514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.7  | 40.8  | 61.2  |
| 65  | 17.0  | 11.5  | 17.3  |





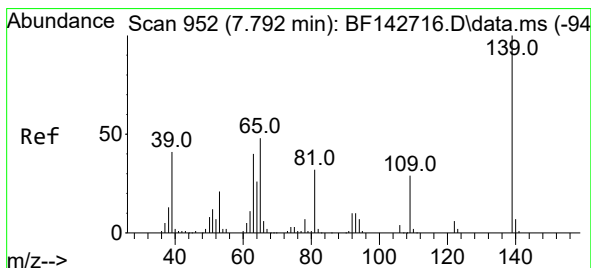
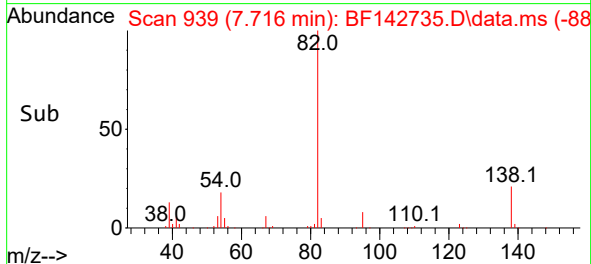
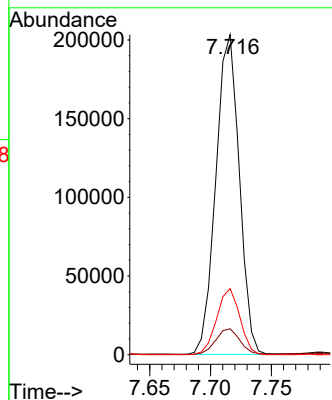
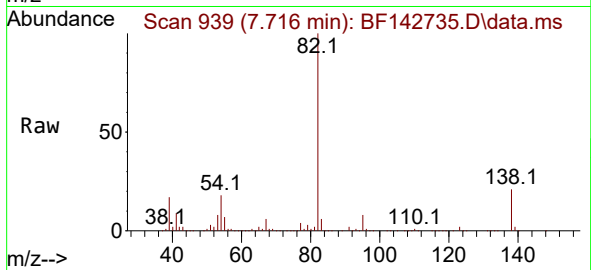
#25  
Isophorone  
Concen: 45.177 ng  
RT: 7.716 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS

Tgt Ion: 82 Resp: 272219  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.0 9.0  
138 20.6 15.8 23.6

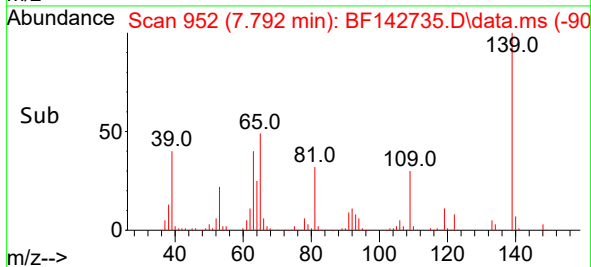
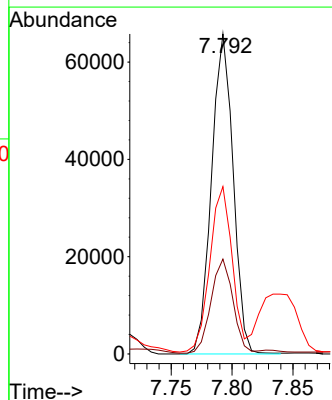
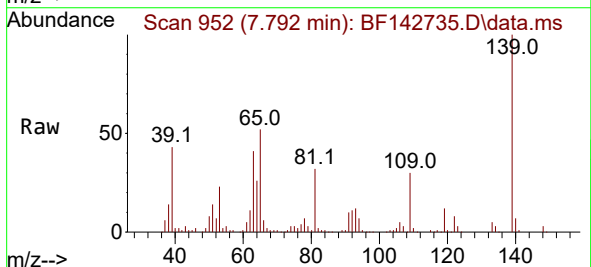
Manual Integrations  
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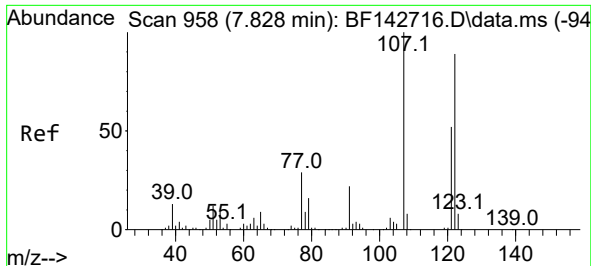
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#26  
2-Nitrophenol  
Concen: 46.019 ng  
RT: 7.792 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Tgt Ion:139 Resp: 81120  
Ion Ratio Lower Upper  
139 100  
109 29.6 23.4 35.2  
65 52.3 38.7 58.1





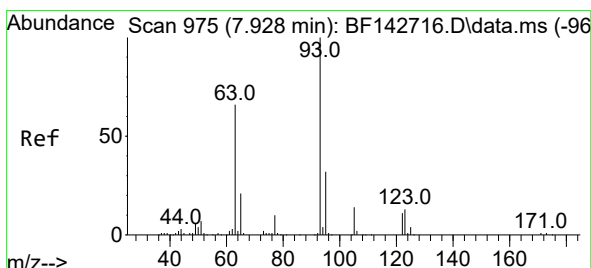
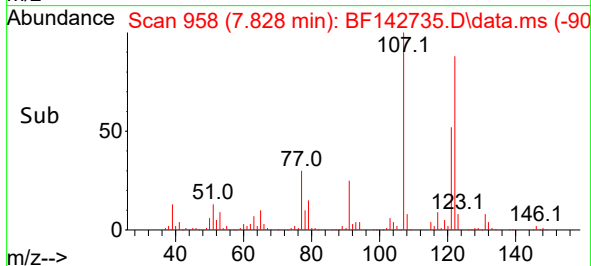
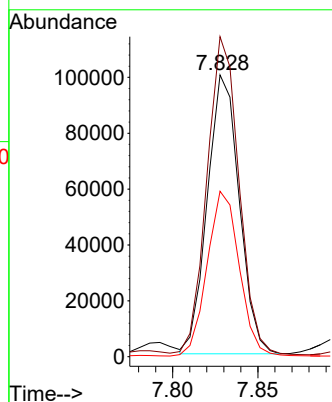
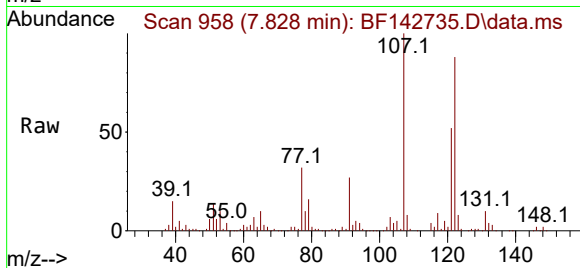
#27  
2,4-Dimethylphenol  
Concen: 43.260 ng  
RT: 7.828 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS

Tgt Ion:122 Resp: 12983  
Ion Ratio Lower Upper  
122 100  
107 113.6 90.4 135.6  
121 58.7 46.9 70.3

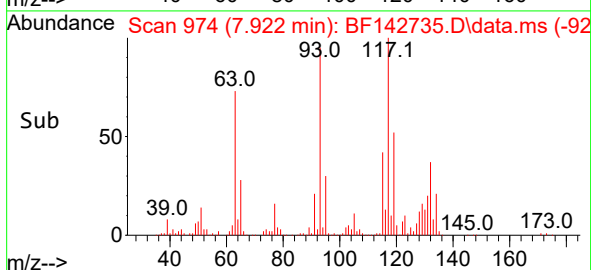
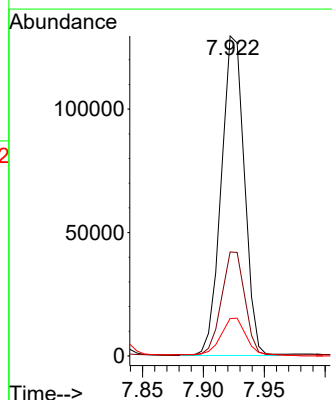
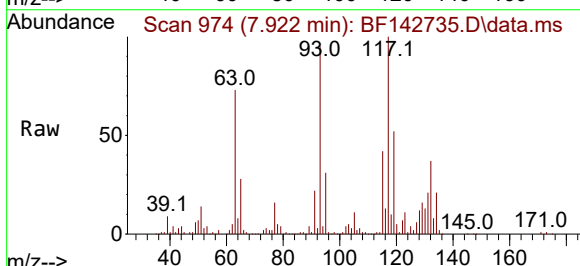
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APPROVED

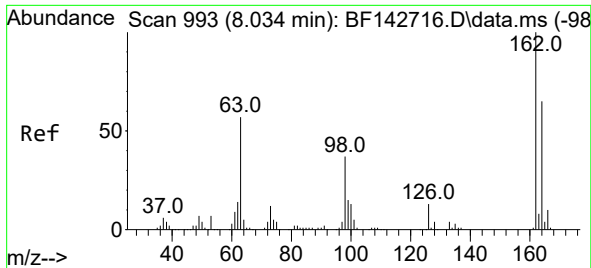
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.848 ng  
RT: 7.922 min Scan# 974  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Tgt Ion: 93 Resp: 171522  
Ion Ratio Lower Upper  
93 100  
95 32.5 25.9 38.9  
123 11.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 42.926 ng

RT: 8.039 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

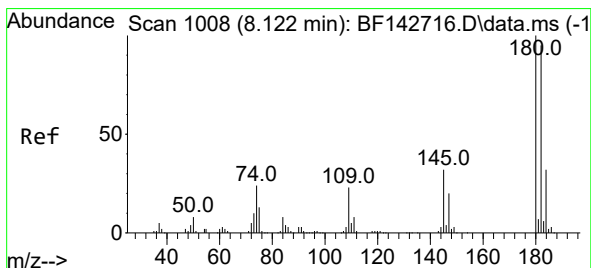
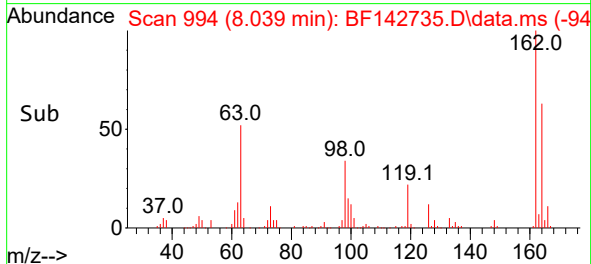
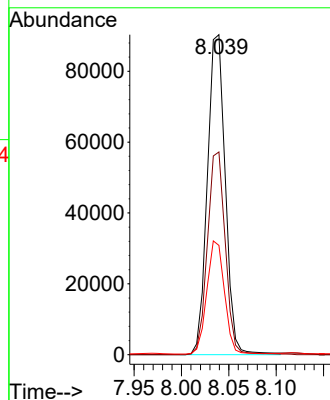
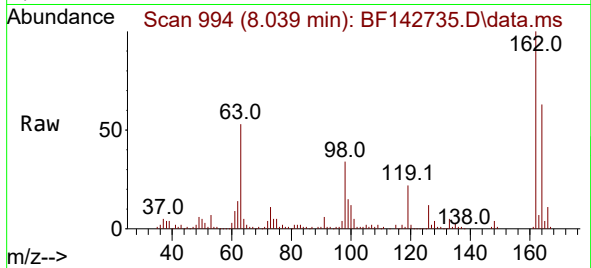
MW-2-20250605MS

|             |              |
|-------------|--------------|
| Tgt Ion:162 | Resp: 118894 |
| Ion Ratio   | Lower Upper  |
| 162 100     |              |
| 164 63.3    | 45.1 85.1    |
| 98 34.1     | 16.7 56.7    |

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.189 ng

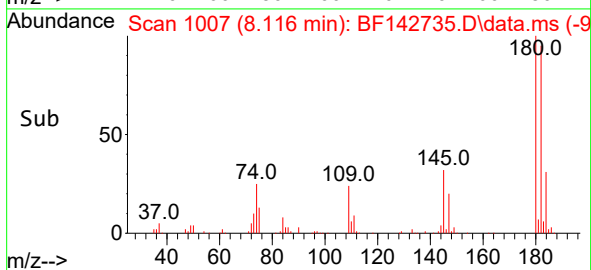
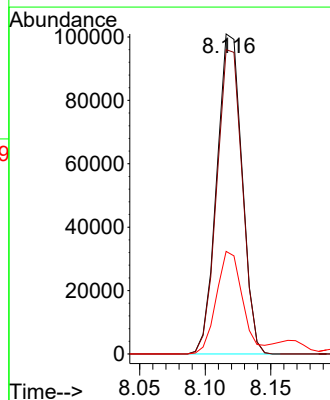
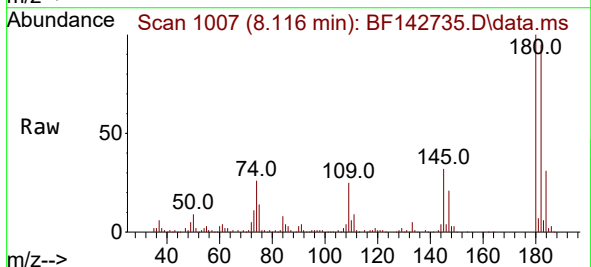
RT: 8.116 min Scan# 1007

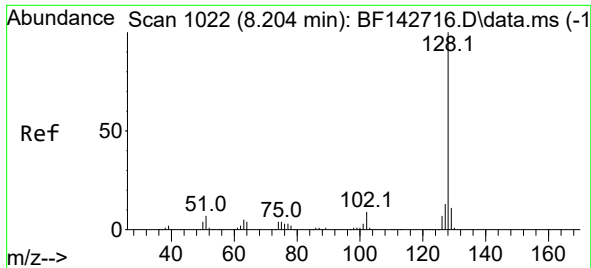
Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

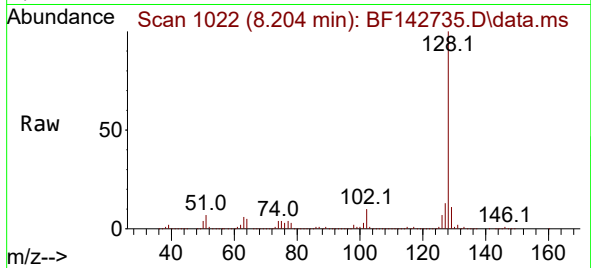
|             |              |
|-------------|--------------|
| Tgt Ion:180 | Resp: 135245 |
| Ion Ratio   | Lower Upper  |
| 180 100     |              |
| 182 95.1    | 75.9 113.9   |
| 145 32.1    | 25.7 38.5    |





#31  
Naphthalene  
Concen: 149.893 ng  
RT: 8.204 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

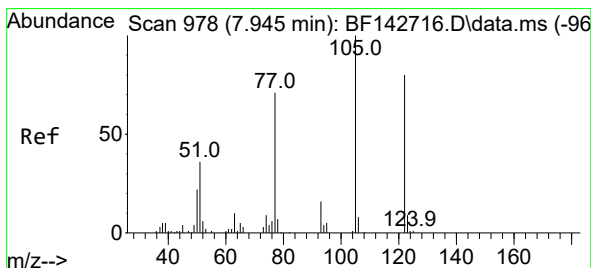
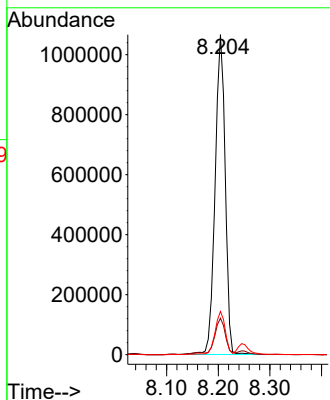
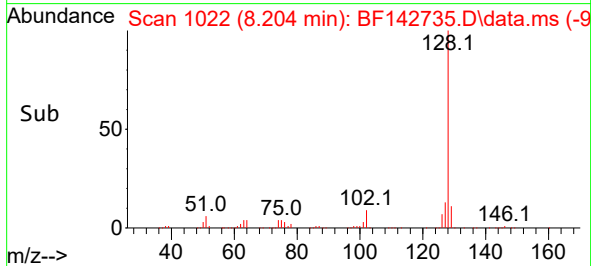
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion:128 Resp: 1443840  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 13.5 10.4 15.6

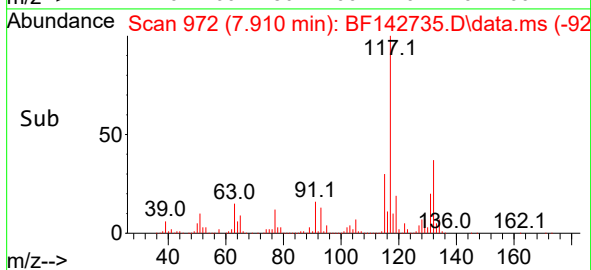
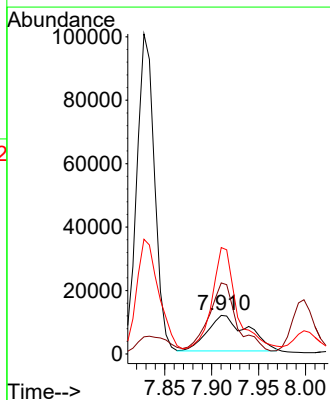
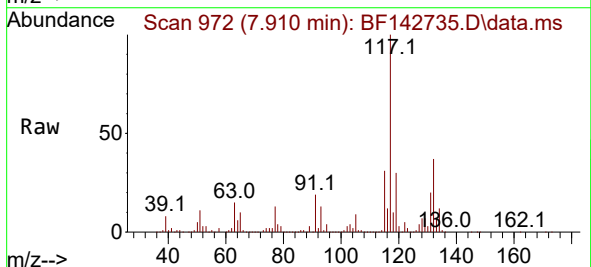
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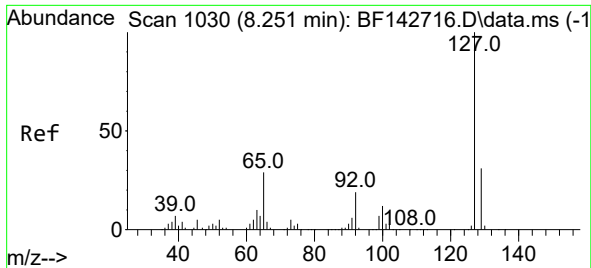
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#32  
Benzoic acid  
Concen: 19.920 ng m  
RT: 7.910 min Scan# 972  
Delta R.T. -0.035 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Tgt Ion:122 Resp: 33669  
Ion Ratio Lower Upper  
122 100  
105 184.2 102.6 142.6#  
77 275.5 68.2 108.2#





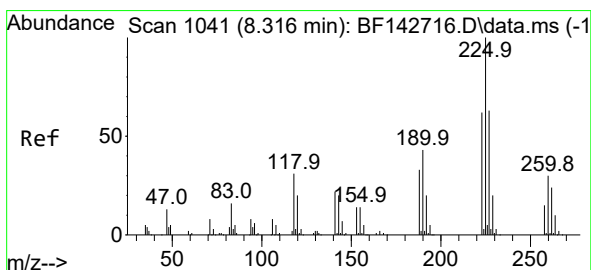
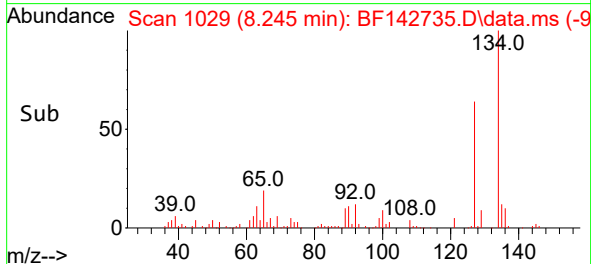
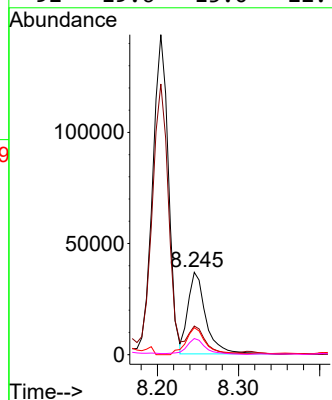
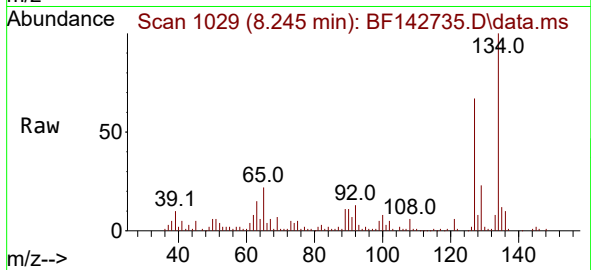
#33  
4-Chloroaniline  
Concen: 14.482 ng  
RT: 8.245 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 5601      |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 34.7  | 25.6 38.4 |
| 65          | 32.8  | 23.0 34.4 |
| 92          | 19.6  | 15.0 22.4 |

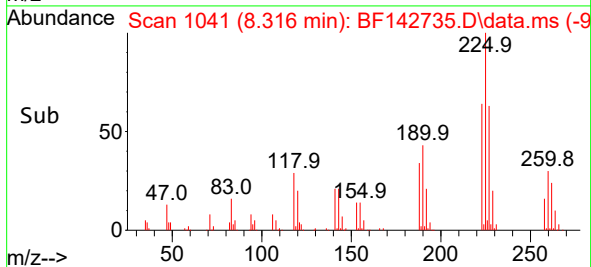
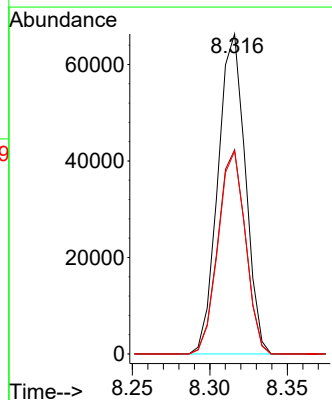
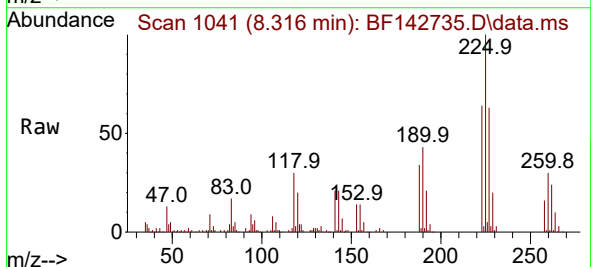
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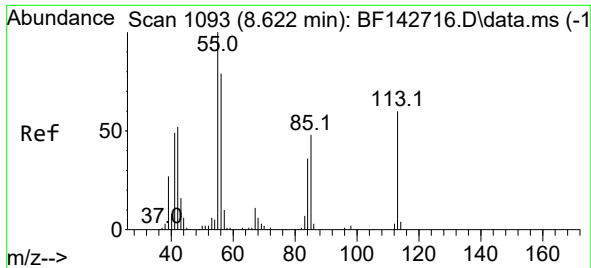
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#34  
Hexachlorobutadiene  
Concen: 41.790 ng  
RT: 8.316 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 81505     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.8  | 49.3 73.9 |
| 227         | 63.4  | 50.6 75.8 |





#35  
 Caprolactam  
 Concen: 9.868 ng  
 RT: 8.645 min Scan# 1107  
 Delta R.T. 0.024 min  
 Lab File: BF142735.D  
 Acq: 11 Jun 2025 15:20

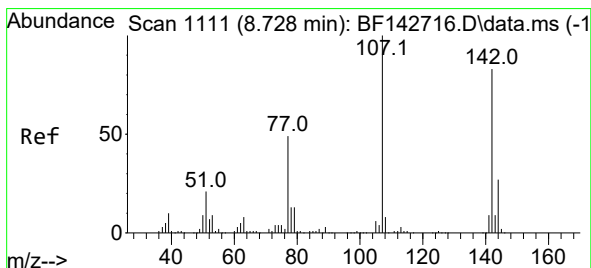
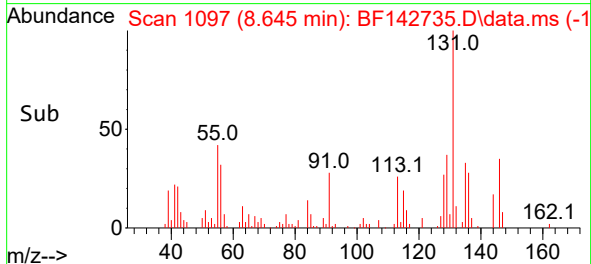
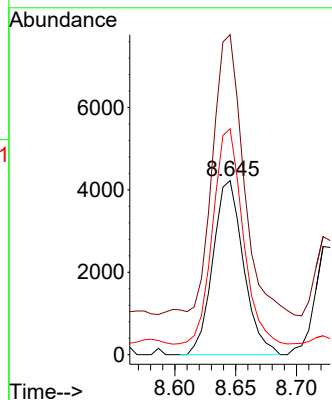
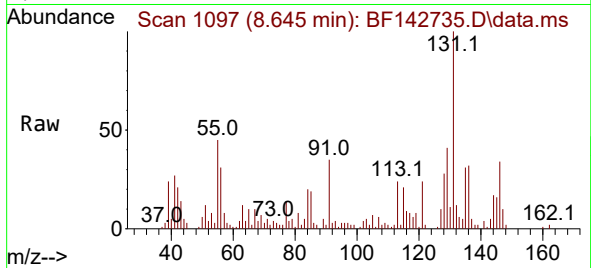
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2-20250605MS

Tgt Ion:113 Resp: 7378

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 55  | 183.9 | 147.9 | 187.9 |
| 56  | 129.8 | 111.9 | 151.9 |

Manual Integrations  
 APPROVED

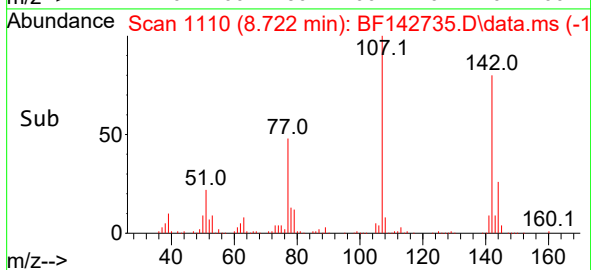
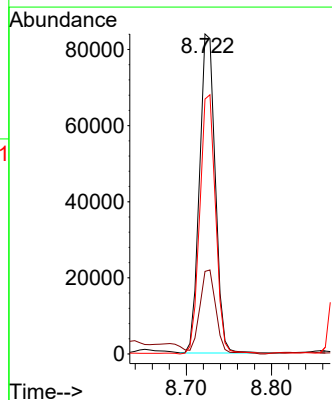
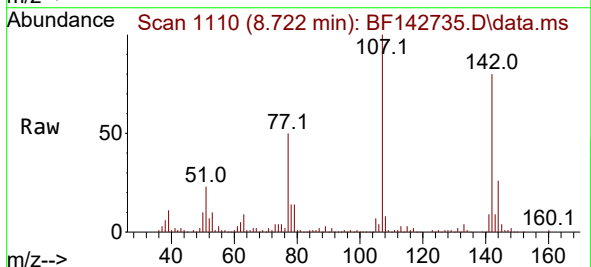
Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025

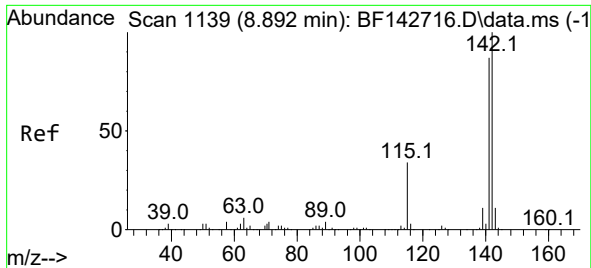


#36  
 4-Chloro-3-methylphenol  
 Concen: 37.392 ng  
 RT: 8.722 min Scan# 1110  
 Delta R.T. -0.006 min  
 Lab File: BF142735.D  
 Acq: 11 Jun 2025 15:20

Tgt Ion:107 Resp: 107688

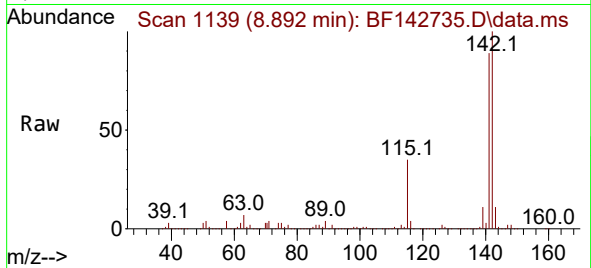
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 144 | 25.8  | 21.3  | 31.9  |
| 142 | 79.7  | 66.2  | 99.2  |





#37  
2-Methylnaphthalene  
Concen: 80.213 ng  
RT: 8.892 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

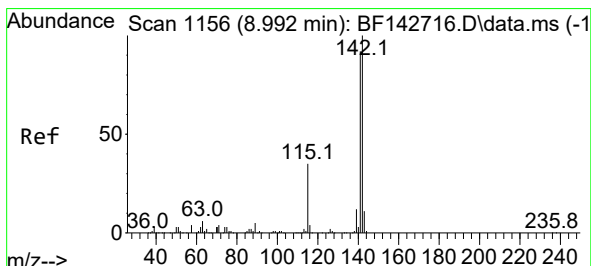
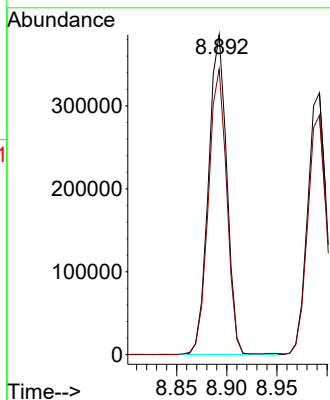
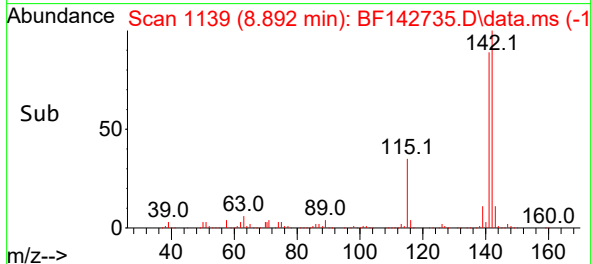
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion:142 Resp: 48904  
Ion Ratio Lower Upper  
142 100  
141 89.3 69.9 104.9

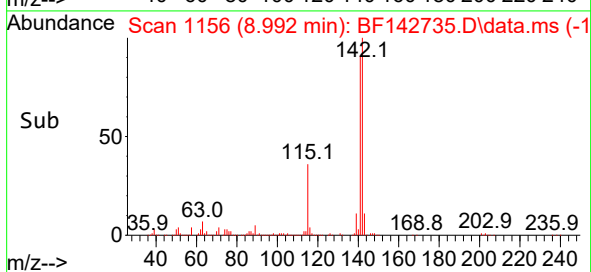
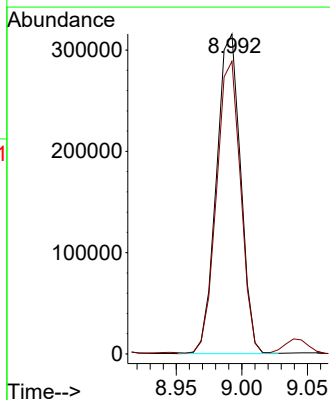
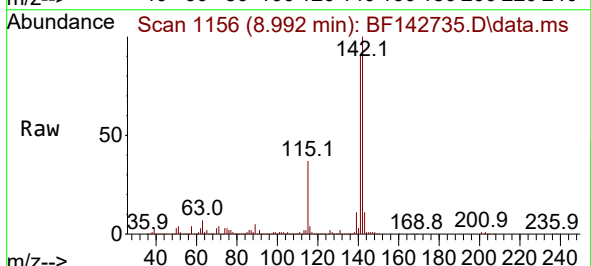
Manual Integrations  
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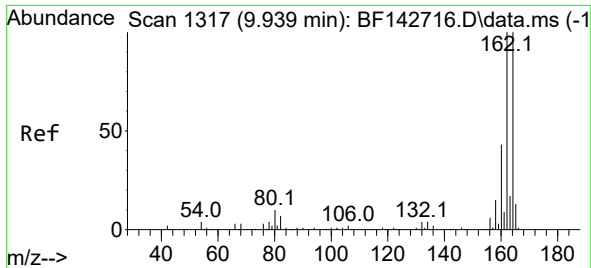
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#38  
1-Methylnaphthalene  
Concen: 63.926 ng  
RT: 8.992 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Tgt Ion:142 Resp: 403754  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

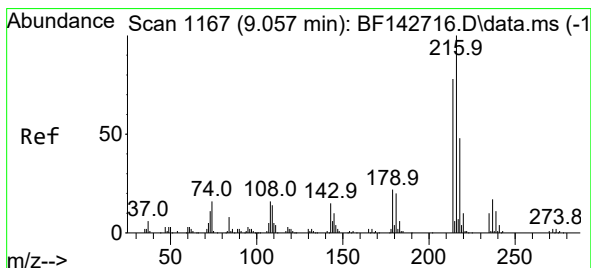
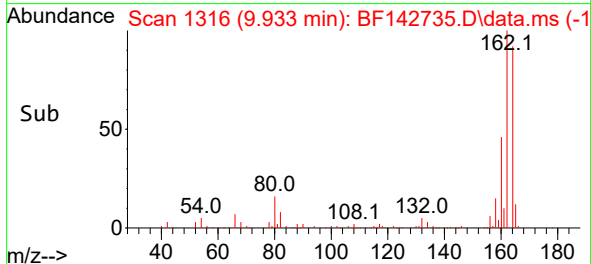
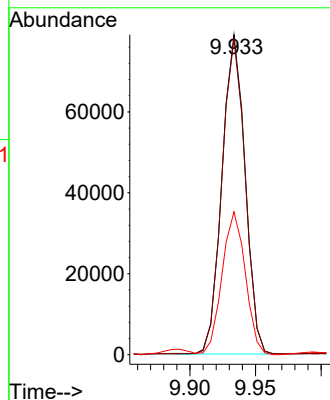
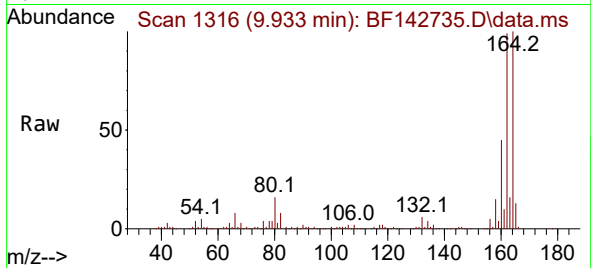
MW-2-20250605MS

Tgt Ion:164 Resp: 9653  
 Ion Ratio Lower Upper  
 164 100  
 162 98.6 79.9 119.9  
 160 44.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.785 ng

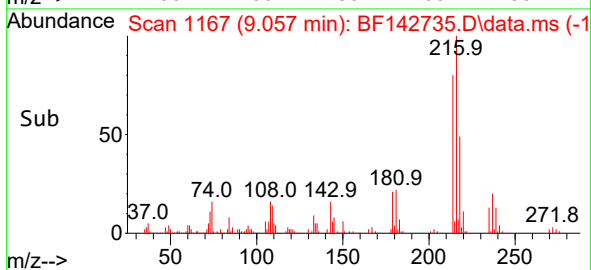
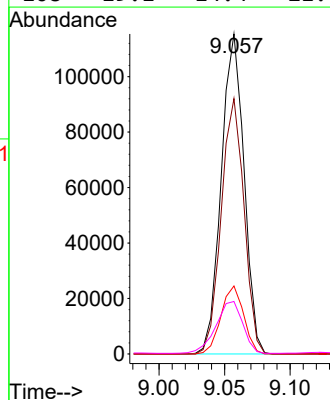
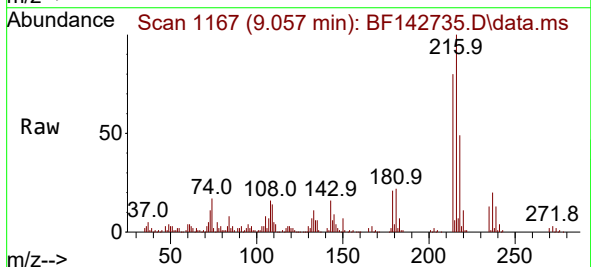
RT: 9.057 min Scan# 1167

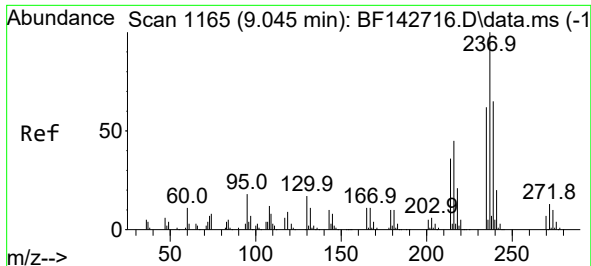
Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

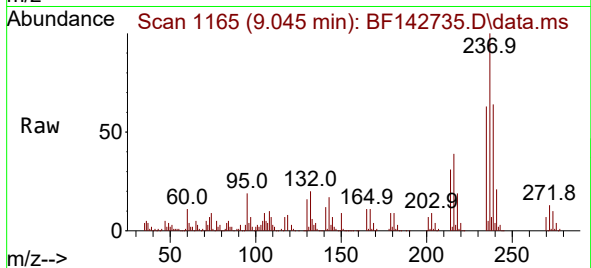
Tgt Ion:216 Resp: 139097  
 Ion Ratio Lower Upper  
 216 100  
 214 79.7 62.6 94.0  
 179 21.2 17.1 25.7  
 108 19.1 14.4 21.6





#41  
Hexachlorocyclopentadiene  
Concen: 84.555 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

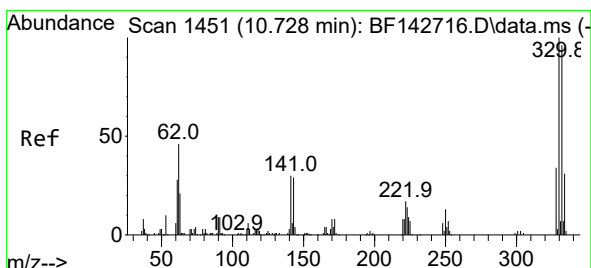
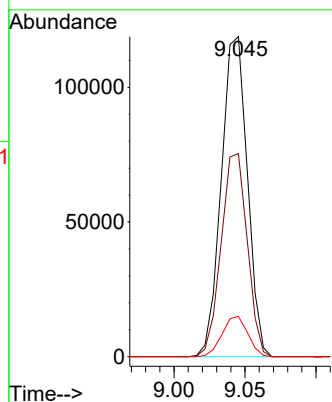
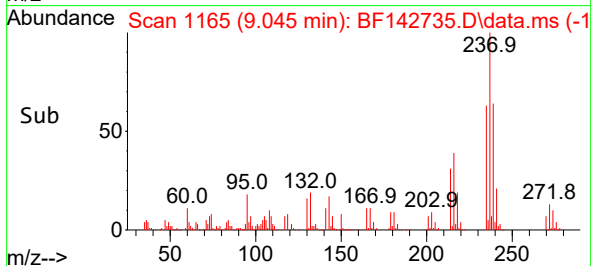
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



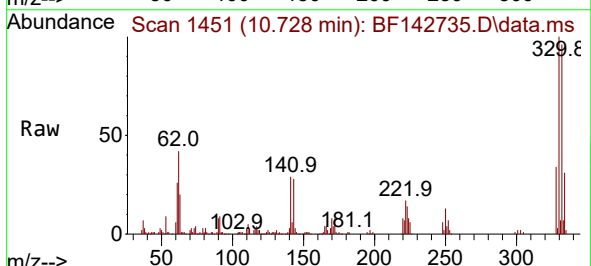
Tgt Ion:237 Resp: 151620  
Ion Ratio Lower Upper  
237 100  
235 63.5 41.9 81.9  
272 12.6 0.0 32.5

Manual Integrations  
APPROVED

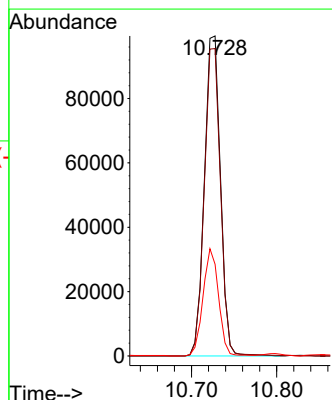
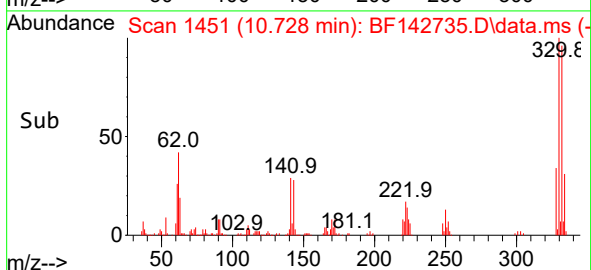
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

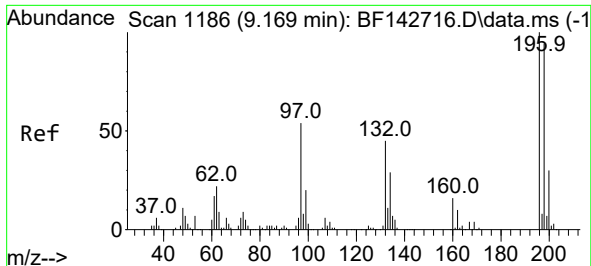


#42  
2,4,6-Tribromophenol  
Concen: 123.040 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



Tgt Ion:330 Resp: 130175  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.6  
141 32.5 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 46.744 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

MW-2-20250605MS

Tgt Ion:196 Resp: 8454

Ion Ratio Lower Upper

196 100

198 97.3 75.5 113.3

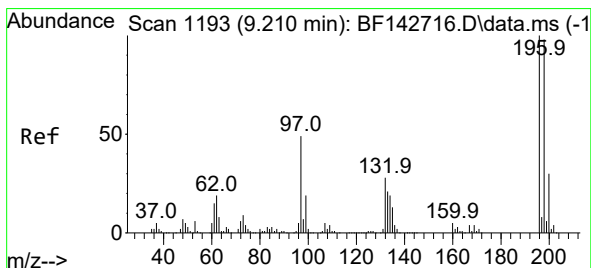
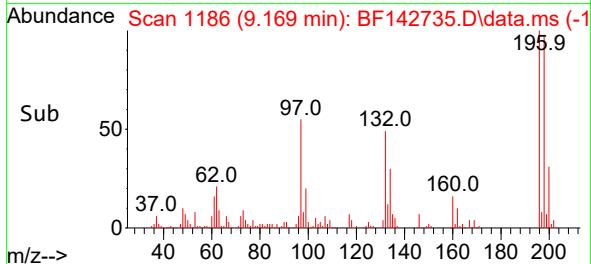
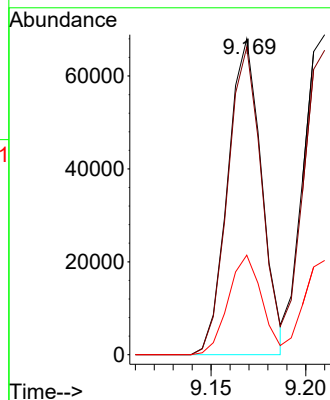
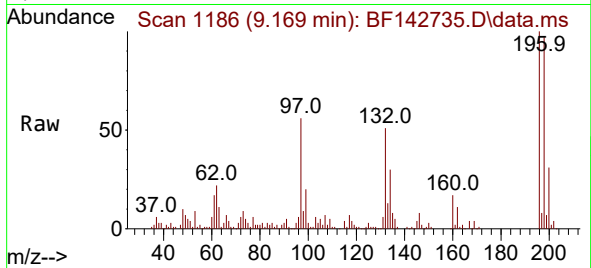
200 31.5 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#44

2,4,5-Trichlorophenol

Concen: 46.303 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:196 Resp: 90449

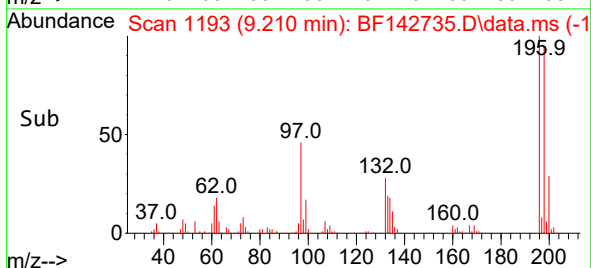
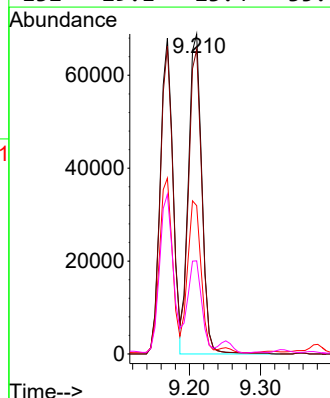
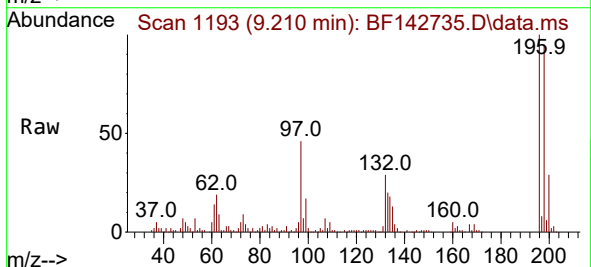
Ion Ratio Lower Upper

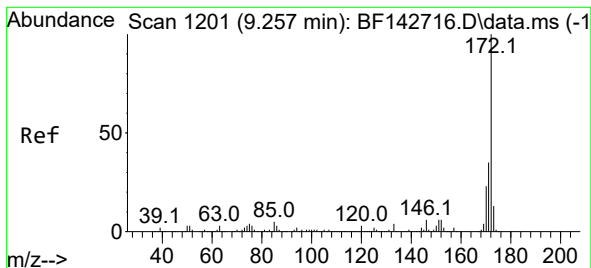
196 100

198 95.2 78.2 117.2

97 46.4 38.6 57.8

132 29.1 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 85.249 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

MW-2-20250605MS

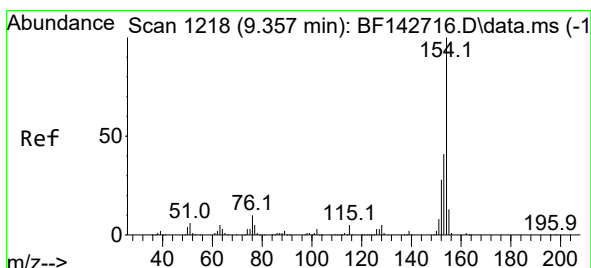
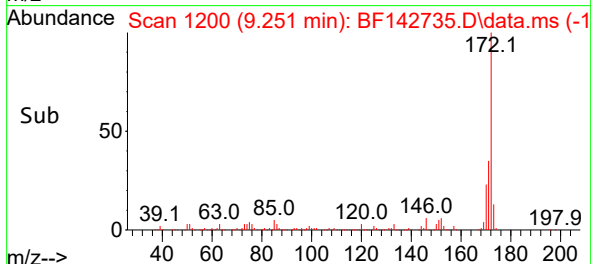
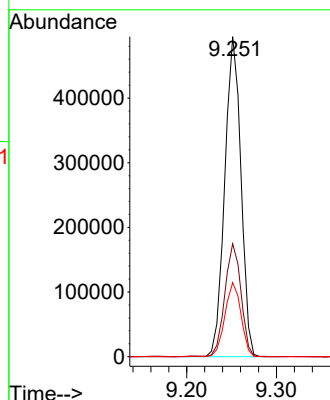
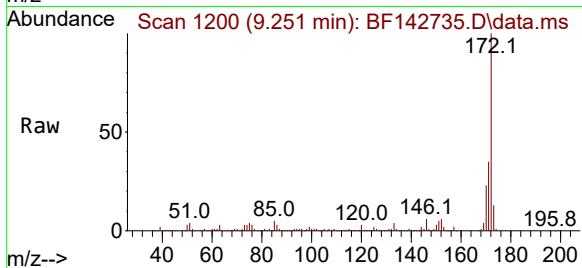
Tgt Ion:172 Resp: 61942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.3  | 28.1  | 42.1  |
| 170 | 23.2  | 18.6  | 27.8  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#46

1,1'-Biphenyl

Concen: 49.997 ng

RT: 9.351 min Scan# 1217

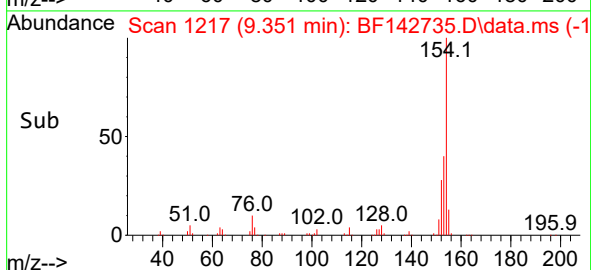
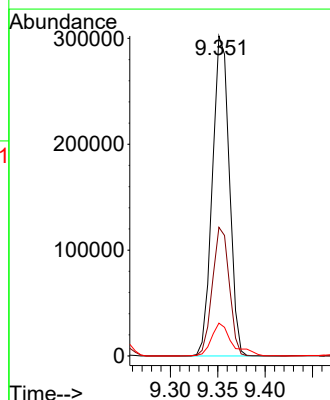
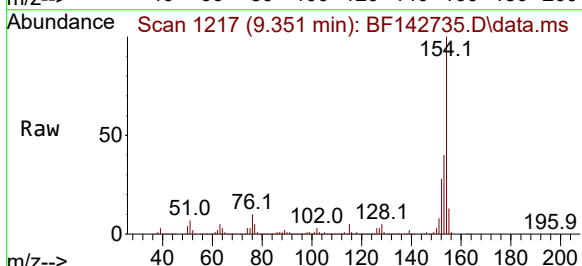
Delta R.T. -0.006 min

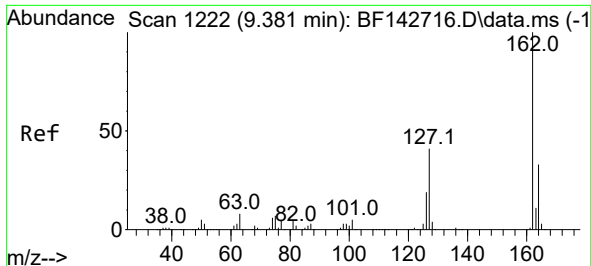
Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:154 Resp: 374772

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.2  | 20.6  | 60.6  |
| 76  | 10.2  | 0.0   | 30.2  |





#47

2-Chloronaphthalene

Concen: 49.213 ng

RT: 9.381 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

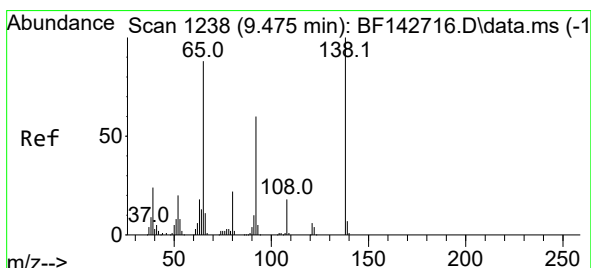
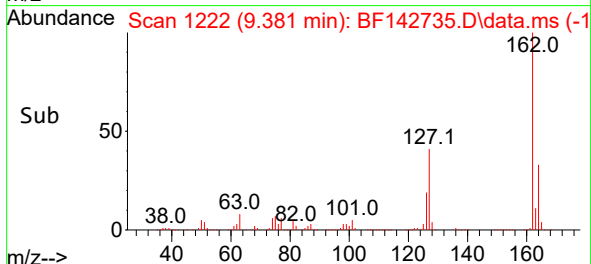
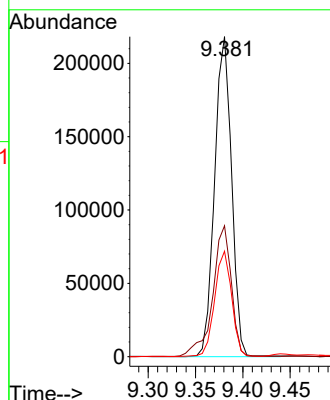
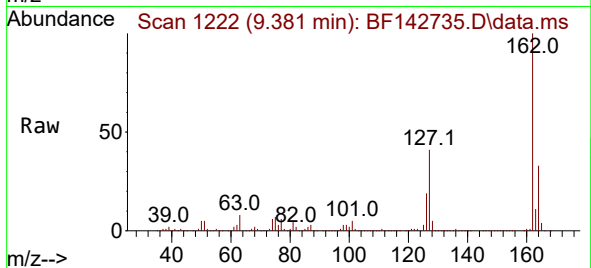
MW-2-20250605MS

Tgt Ion:162 Resp: 271770  
 Ion Ratio Lower Upper  
 162 100  
 127 40.9 33.5 50.3  
 164 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025



#48

2-Nitroaniline

Concen: 47.578 ng

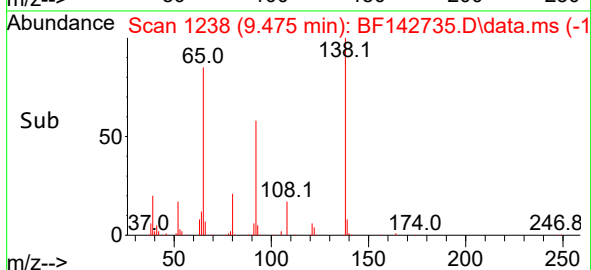
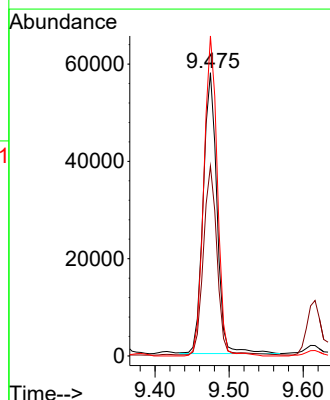
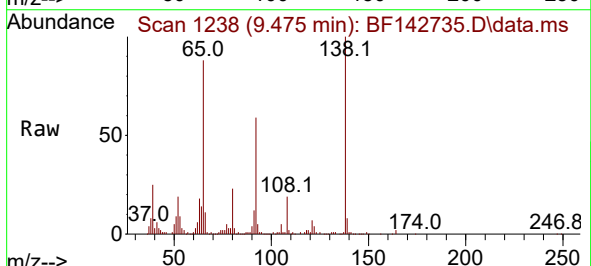
RT: 9.475 min Scan# 1238

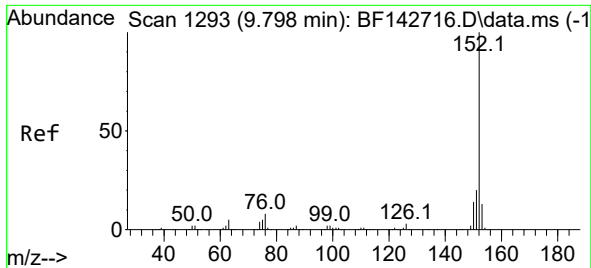
Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

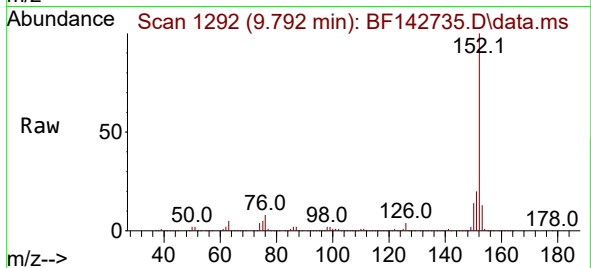
Tgt Ion: 65 Resp: 74730  
 Ion Ratio Lower Upper  
 65 100  
 92 67.0 54.5 81.7  
 138 113.0 90.6 136.0





#49  
Acenaphthylene  
Concen: 47.703 ng  
RT: 9.792 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

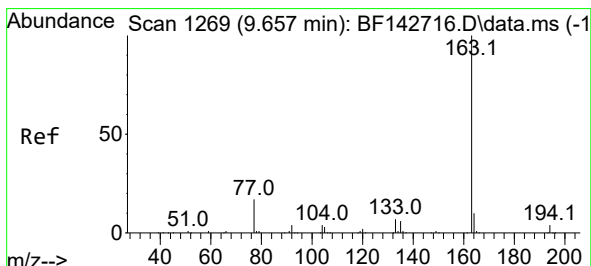
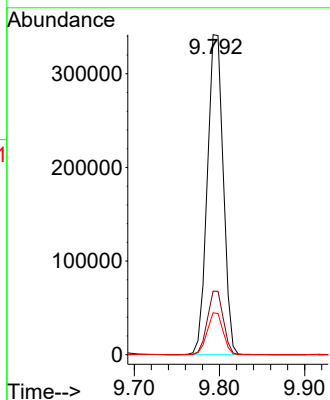
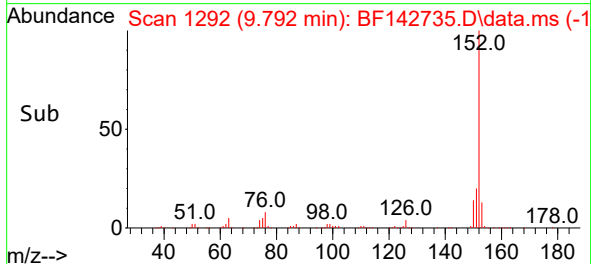
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



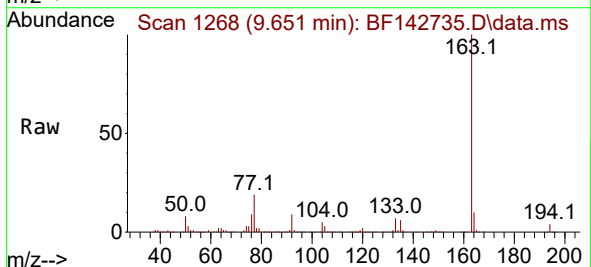
Tgt Ion:152 Resp: 44419  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.6  
153 13.1 10.5 15.7

Manual Integrations  
APPROVED

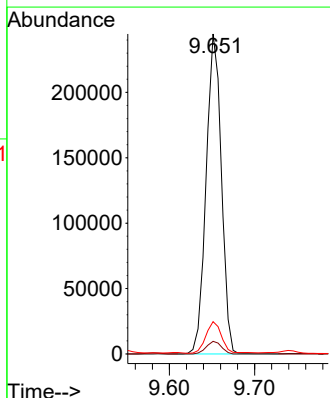
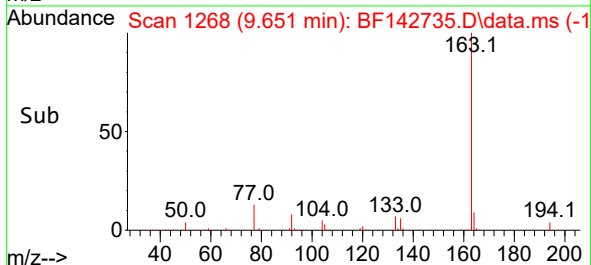
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

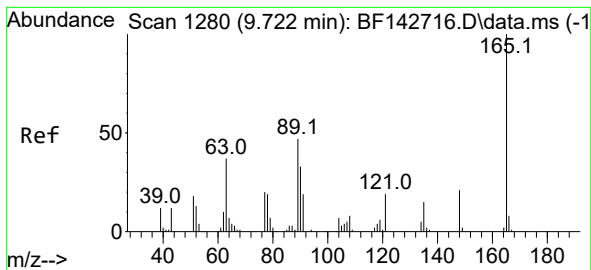


#50  
Dimethylphthalate  
Concen: 47.193 ng  
RT: 9.651 min Scan# 1268  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



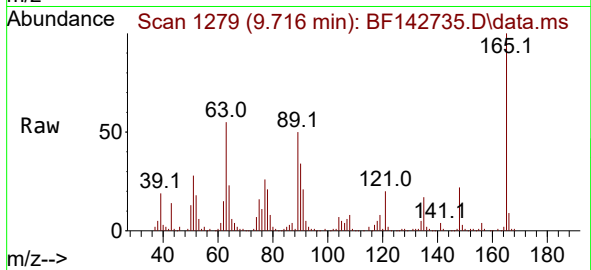
Tgt Ion:163 Resp: 304222  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.1 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 47.222 ng  
RT: 9.716 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

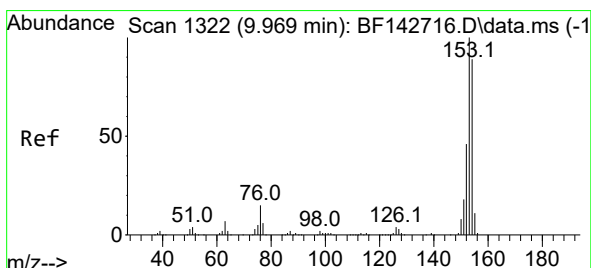
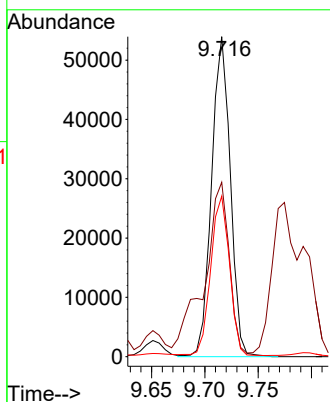
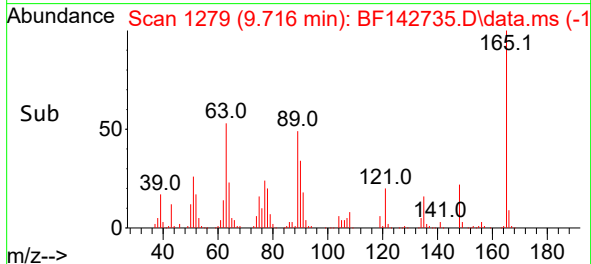
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion:165 Resp: 6579  
Ion Ratio Lower Upper  
165 100  
63 54.5 40.6 60.8  
89 50.2 37.6 56.4

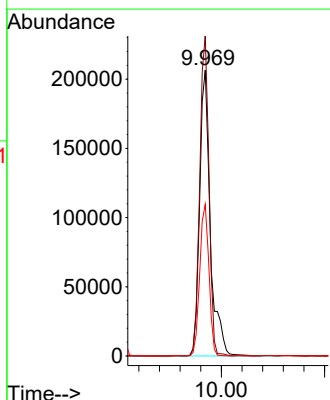
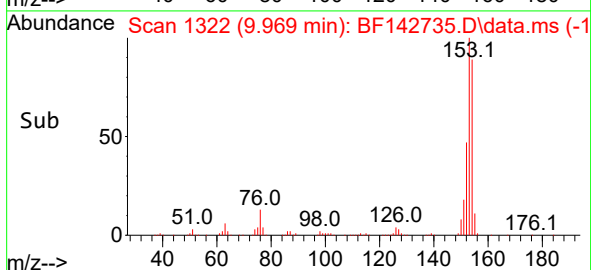
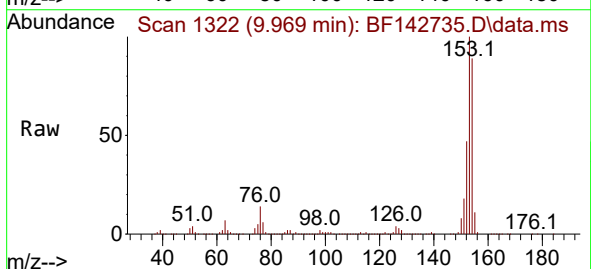
Manual Integrations  
APPROVED

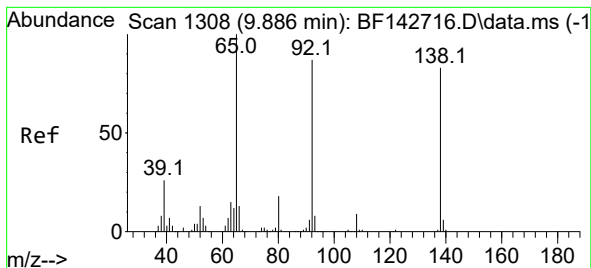
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#52  
Acenaphthene  
Concen: 51.407 ng  
RT: 9.969 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Tgt Ion:154 Resp: 296788  
Ion Ratio Lower Upper  
154 100  
153 111.9 90.1 135.1  
152 53.0 41.9 62.9





#53

3-Nitroaniline

Concen: 21.281 ng

RT: 9.881 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

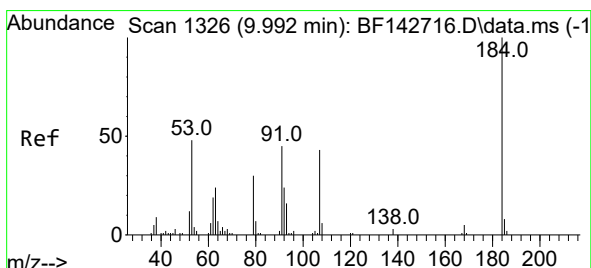
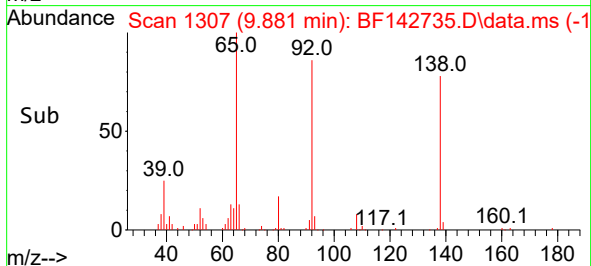
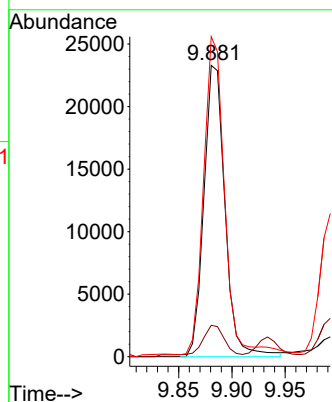
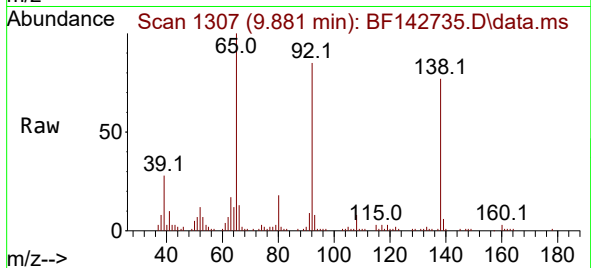
MW-2-20250605MS

Tgt Ion:138 Resp: 32158  
 Ion Ratio Lower Upper  
 138 100  
 108 10.7 8.3 12.5  
 92 109.8 84.6 127.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025



#54

2,4-Dinitrophenol

Concen: 85.243 ng

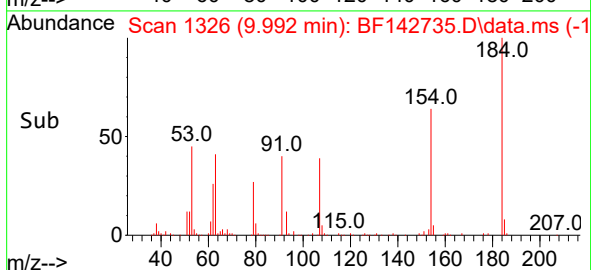
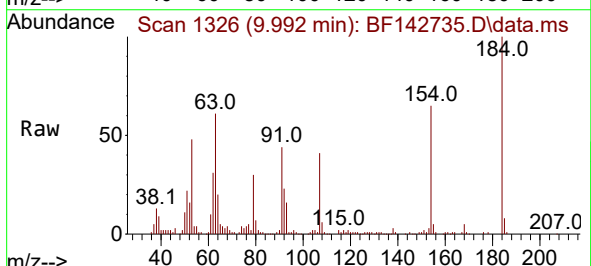
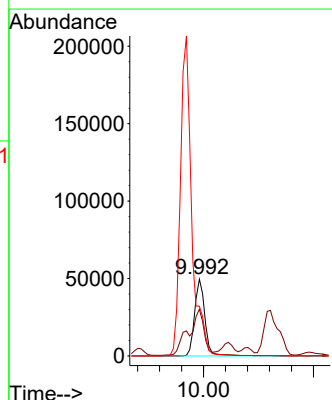
RT: 9.992 min Scan# 1326

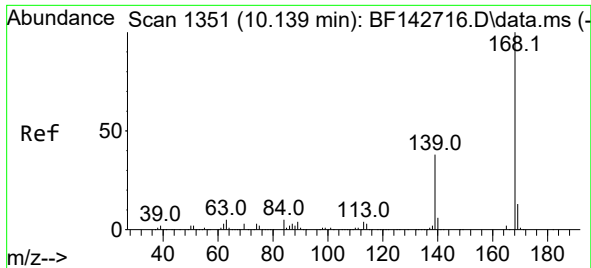
Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

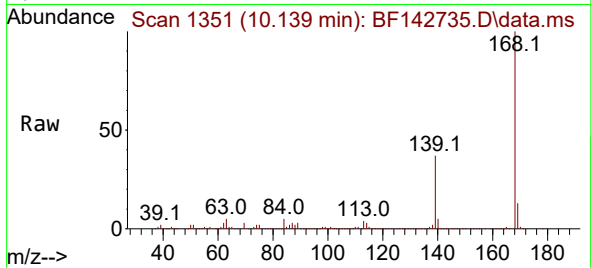
Tgt Ion:184 Resp: 65055  
 Ion Ratio Lower Upper  
 184 100  
 63 60.9 51.7 77.5  
 154 64.8 60.1 90.1





#55  
Dibenzofuran  
Concen: 48.396 ng  
RT: 10.139 min Scan# 1351  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

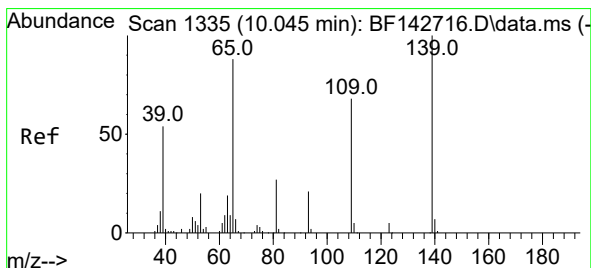
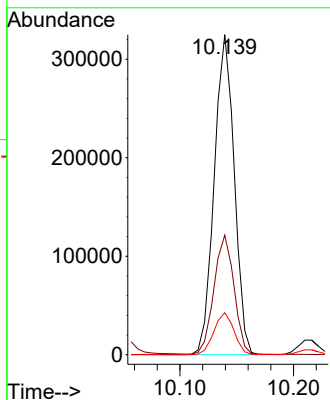
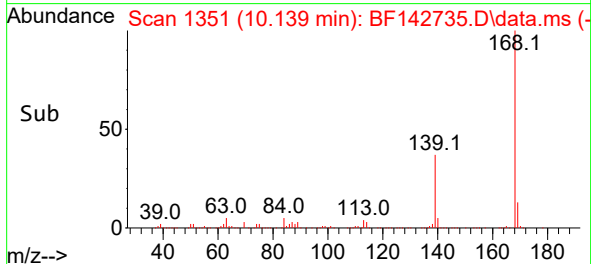
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion:168 Resp: 397870  
Ion Ratio Lower Upper  
168 100  
139 37.3 30.9 46.3  
169 13.1 10.8 16.2

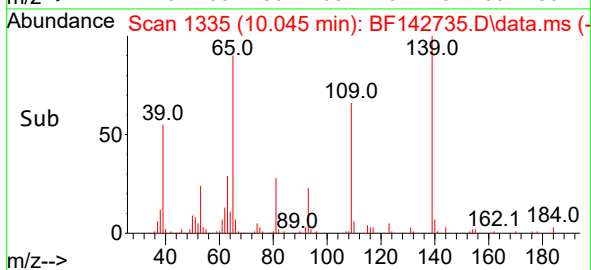
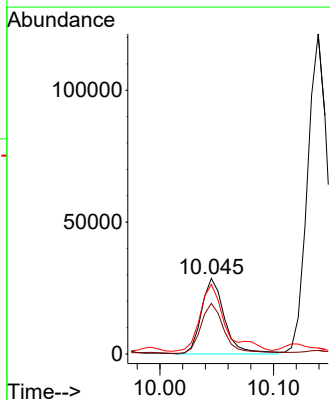
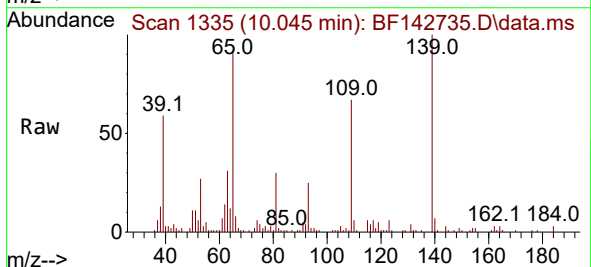
Manual Integrations  
APPROVED

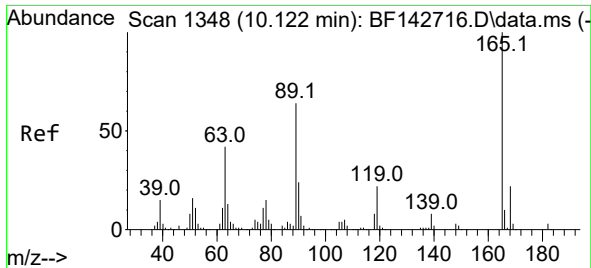
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#56  
4-Nitrophenol  
Concen: 39.567 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

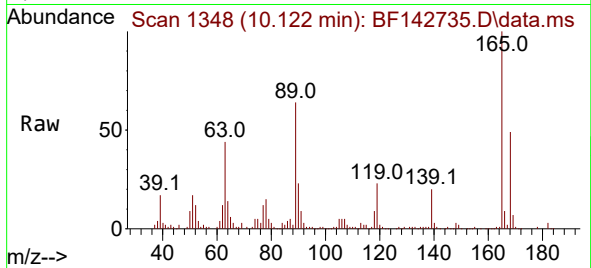
Tgt Ion:139 Resp: 40552  
Ion Ratio Lower Upper  
139 100  
109 67.0 47.5 87.5  
65 92.2 69.2 109.2





#57  
2,4-Dinitrotoluene  
Concen: 46.759 ng  
RT: 10.122 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

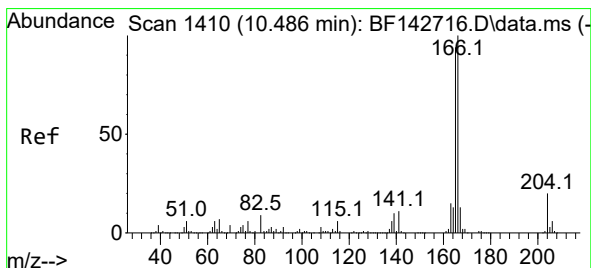
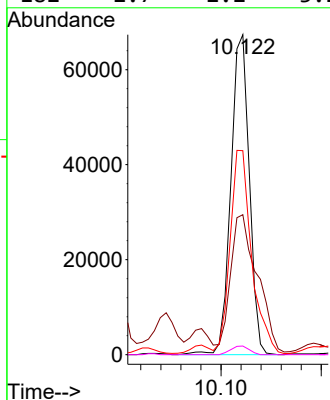
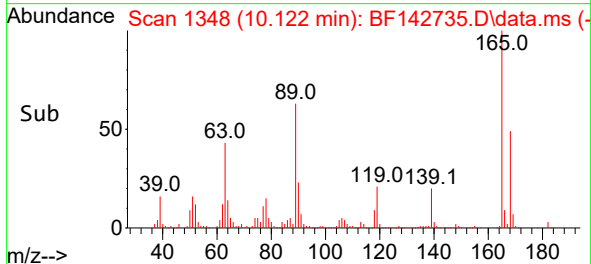
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



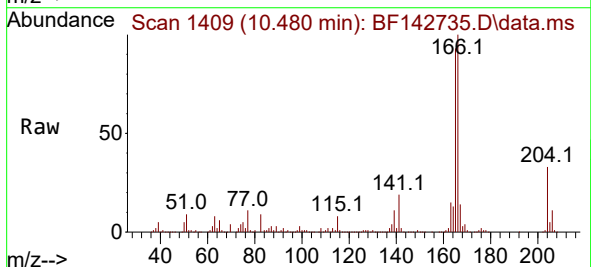
Tgt Ion:165 Resp: 8613  
Ion Ratio Lower Upper  
165 100  
63 43.7 34.1 51.1  
89 63.8 50.8 76.2  
182 2.7 2.2 3.2

Manual Integrations  
APPROVED

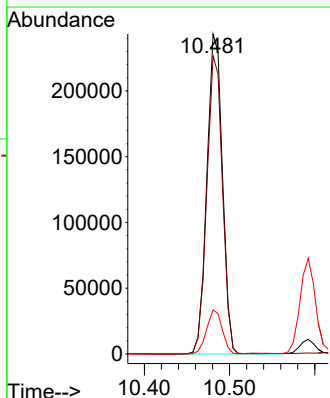
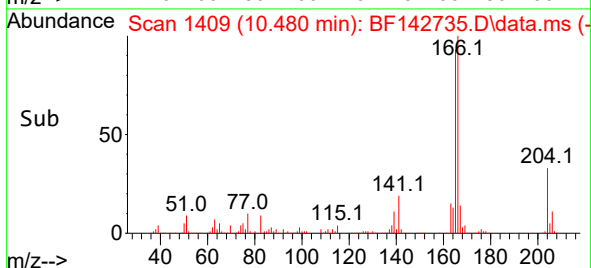
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

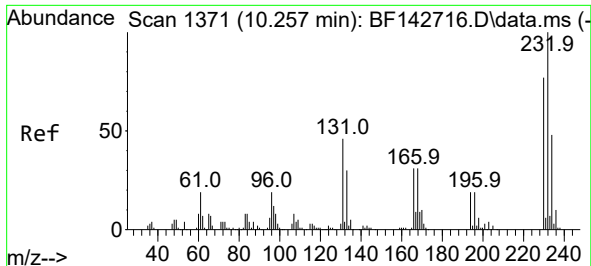


#58  
Fluorene  
Concen: 47.491 ng  
RT: 10.480 min Scan# 1409  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



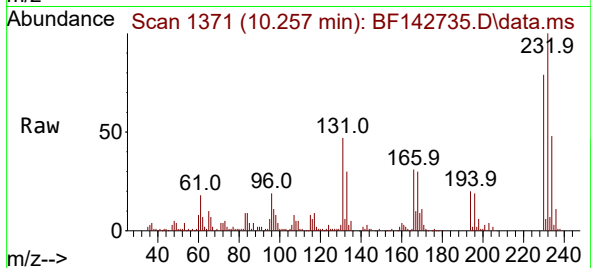
Tgt Ion:166 Resp: 308320  
Ion Ratio Lower Upper  
166 100  
165 93.1 74.9 112.3  
167 13.7 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.328 ng m  
RT: 10.257 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

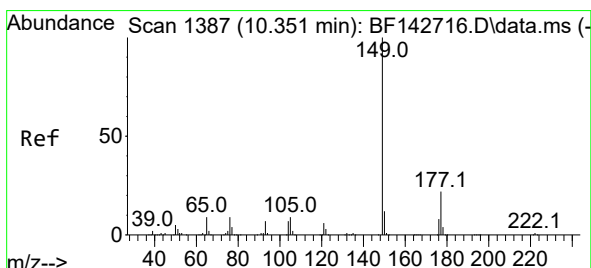
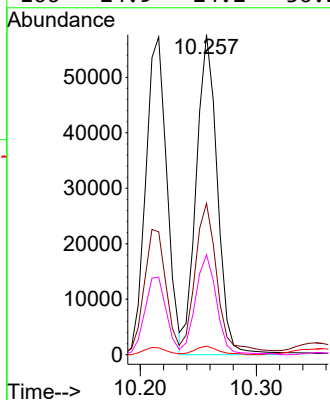
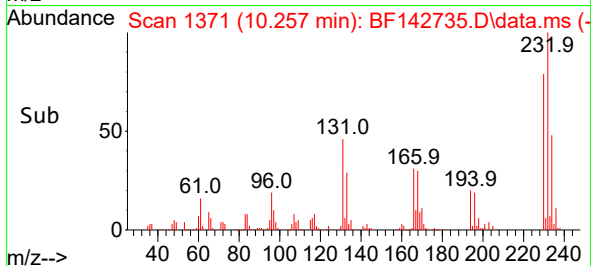
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion:232 Resp: 7284  
Ion Ratio Lower Upper  
232 100  
131 39.8 35.8 53.8  
130 2.5 1.8 2.6  
166 24.9 24.2 36.2

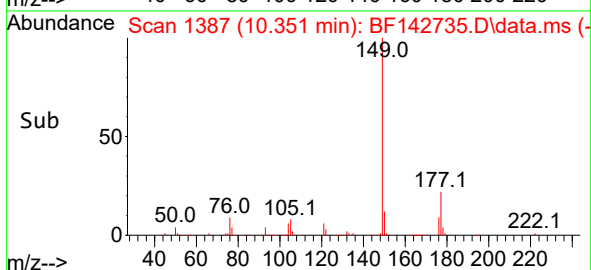
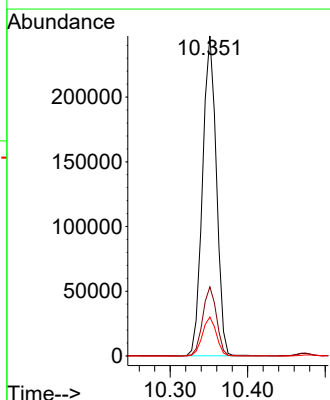
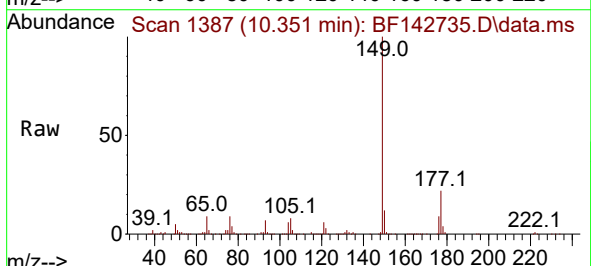
Manual Integrations  
APPROVED

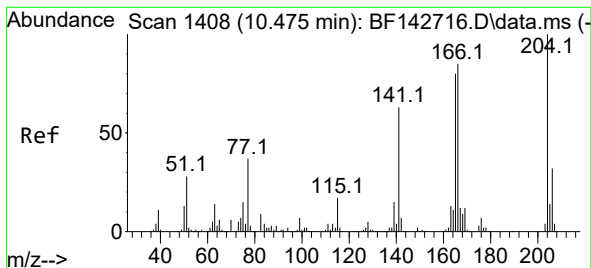
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#60  
Diethylphthalate  
Concen: 47.876 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

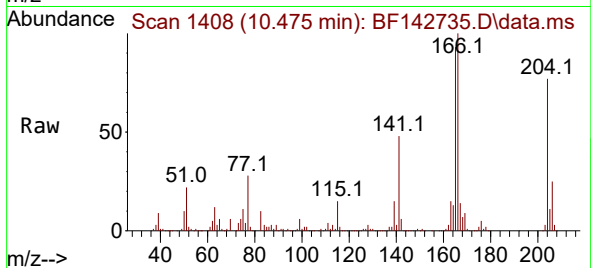
Tgt Ion:149 Resp: 306024  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.4 26.0  
150 12.2 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 46.191 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

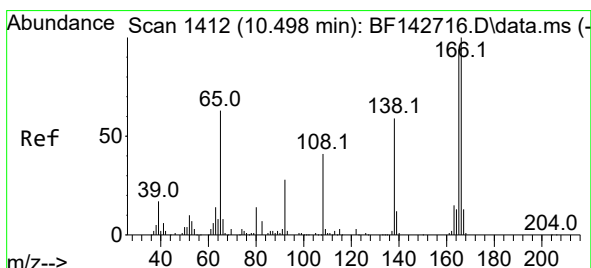
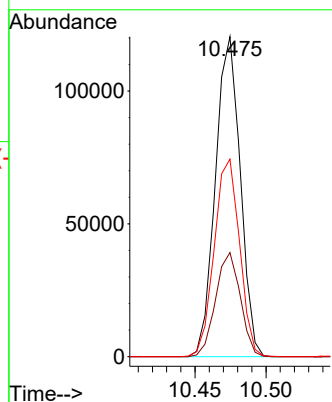
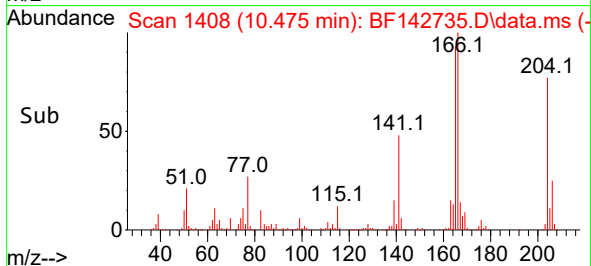
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



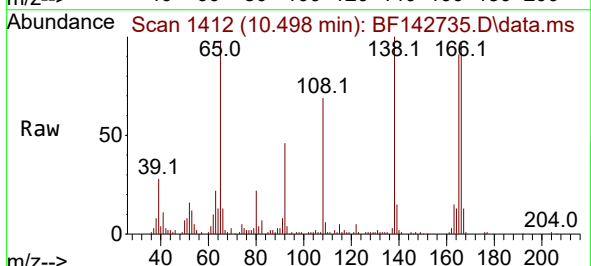
Tgt Ion:204 Resp: 14645  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.9 38.9  
141 61.7 50.2 75.4

Manual Integrations  
APPROVED

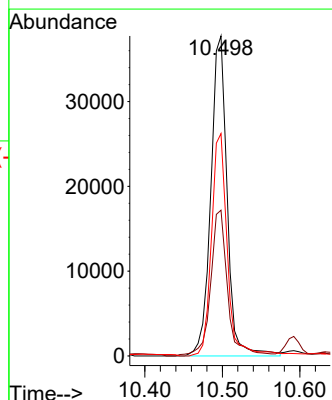
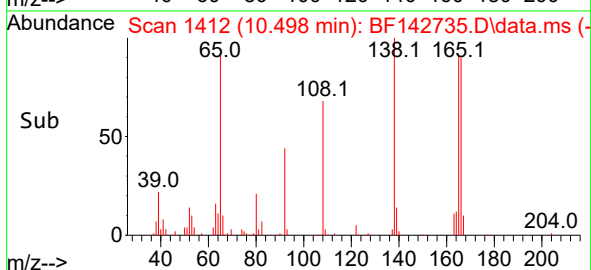
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

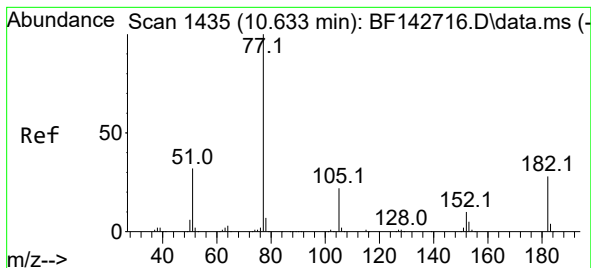


#62  
4-Nitroaniline  
Concen: 40.955 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



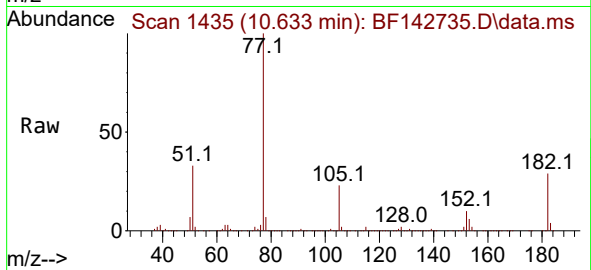
Tgt Ion:138 Resp: 55367  
Ion Ratio Lower Upper  
138 100  
92 45.5 27.2 67.2  
108 69.5 49.9 89.9





#63  
Azobenzene  
Concen: 46.531 ng  
RT: 10.633 min Scan# 1435  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

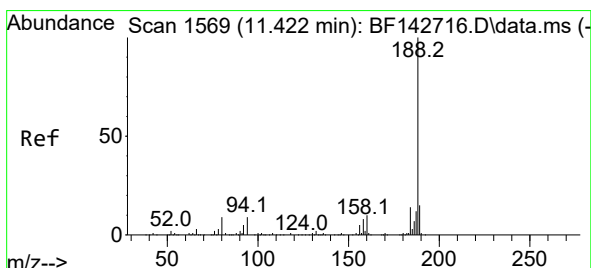
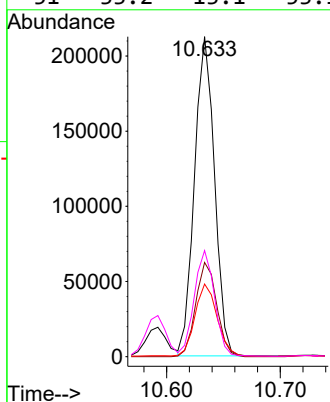
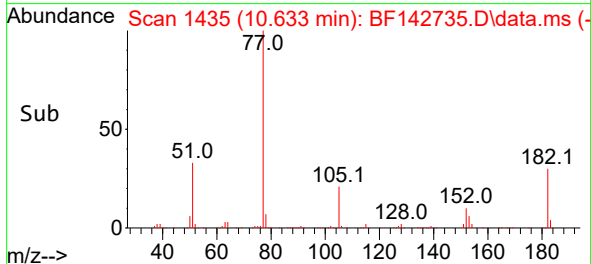
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



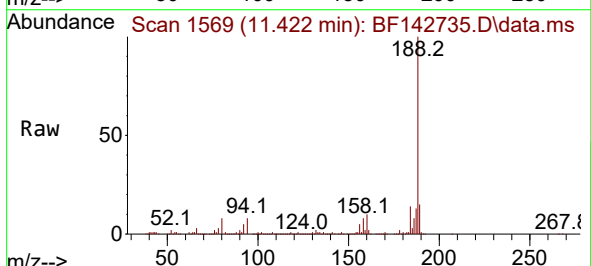
Tgt Ion: 77 Resp: 25976  
Ion Ratio Lower Upper  
77 100  
182 29.5 7.8 47.8  
105 22.7 1.9 41.9  
51 33.2 13.1 53.1

Manual Integrations  
APPROVED

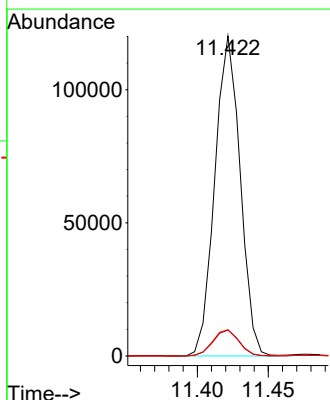
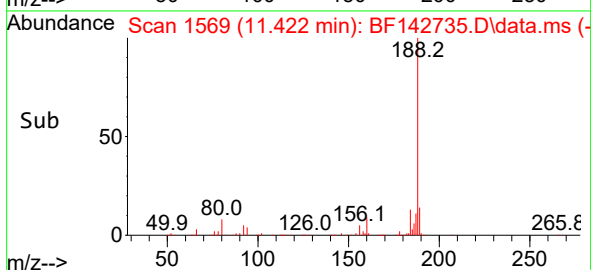
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

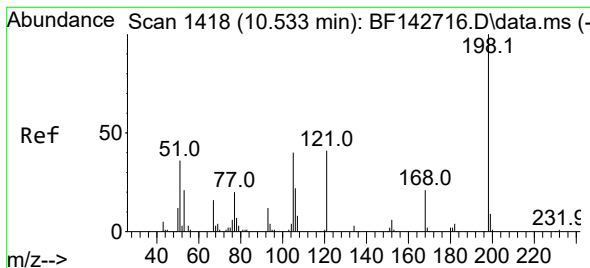


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



Tgt Ion:188 Resp: 149205  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.8 10.2  
80 8.2 7.1 10.7





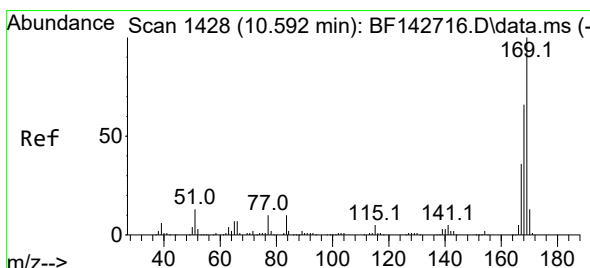
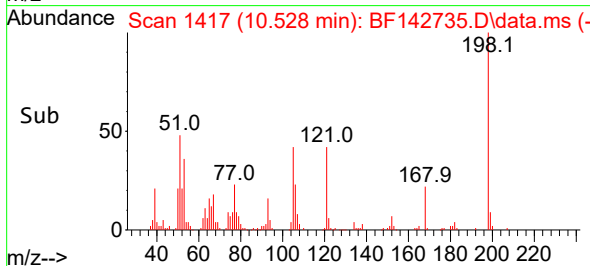
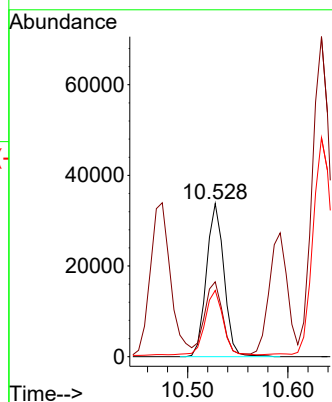
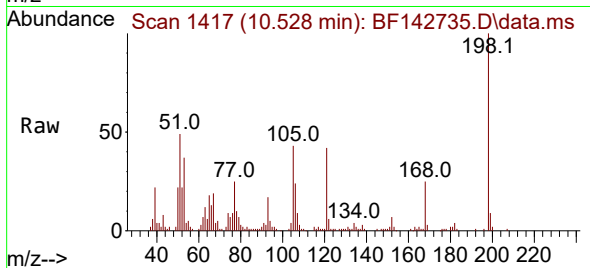
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.173 ng  
RT: 10.528 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS

Tgt Ion:198 Resp: 4127  
Ion Ratio Lower Upper  
198 100  
51 48.9 25.5 65.5  
105 43.2 21.1 61.1

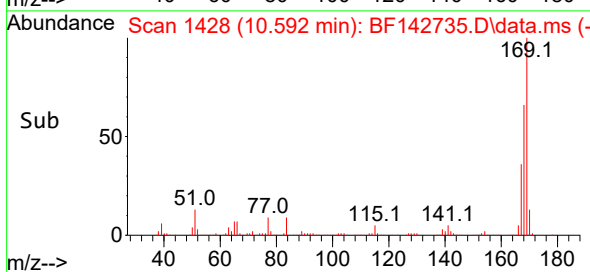
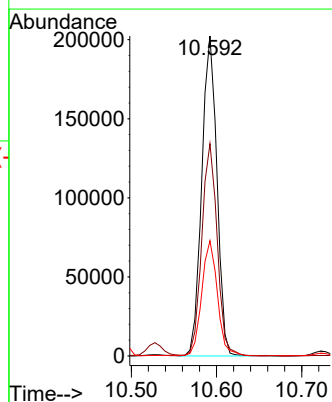
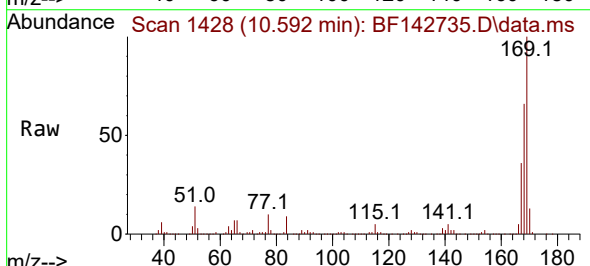
Manual Integrations  
APPROVED

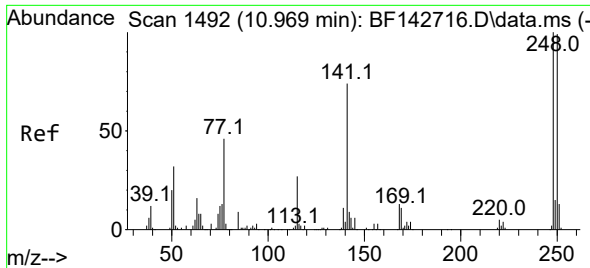
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#66  
n-Nitrosodiphenylamine  
Concen: 48.770 ng  
RT: 10.592 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

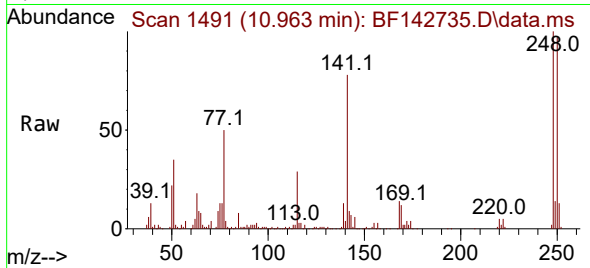
Tgt Ion:169 Resp: 250126  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.0 79.4  
167 36.0 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 49.973 ng  
RT: 10.963 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

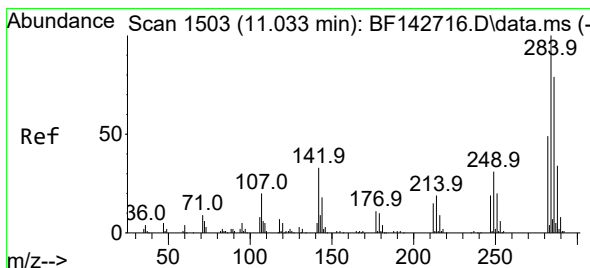
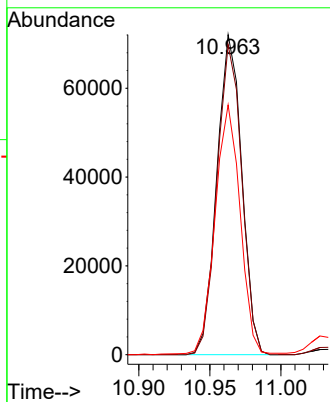
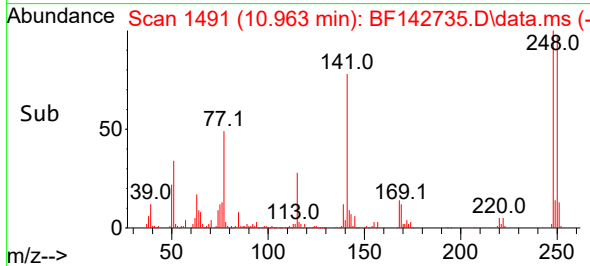
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



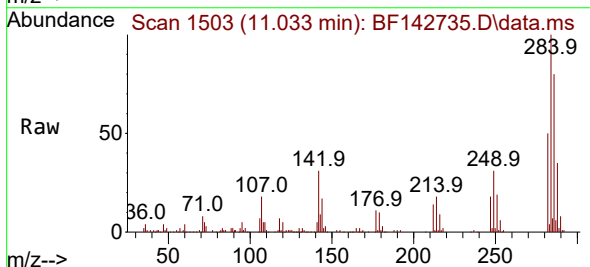
Tgt Ion:248 Resp: 88012  
Ion Ratio Lower Upper  
248 100  
250 96.9 79.2 118.8  
141 78.0 59.3 88.9

Manual Integrations  
APPROVED

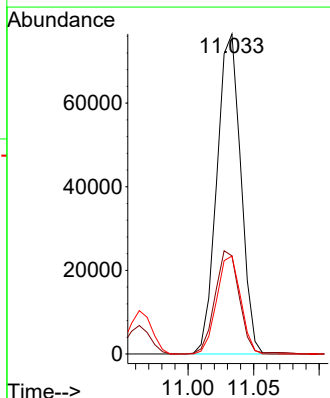
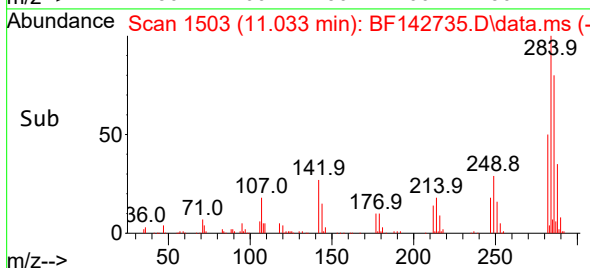
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

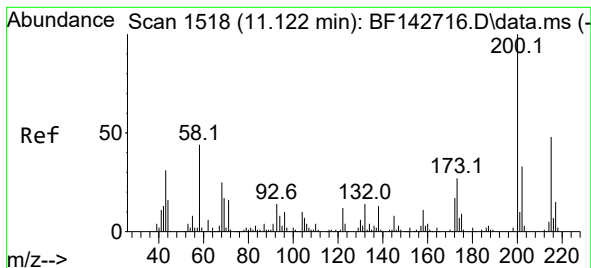


#68  
Hexachlorobenzene  
Concen: 49.565 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



Tgt Ion:284 Resp: 96899  
Ion Ratio Lower Upper  
284 100  
142 30.7 26.0 39.0  
249 30.6 24.6 37.0





#69

Atrazine

Concen: 53.489 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

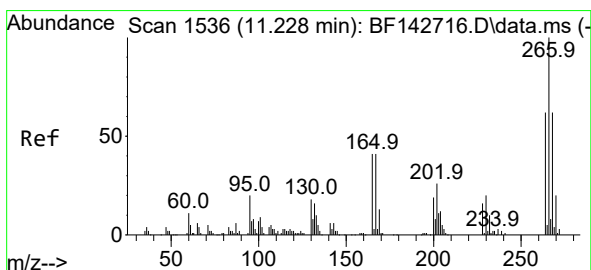
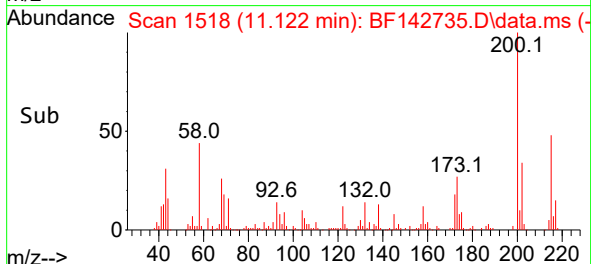
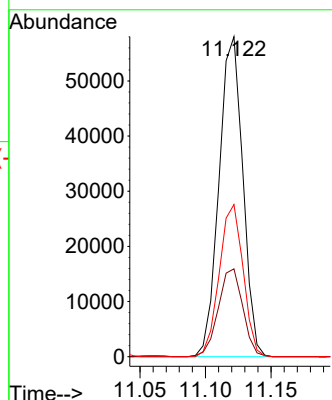
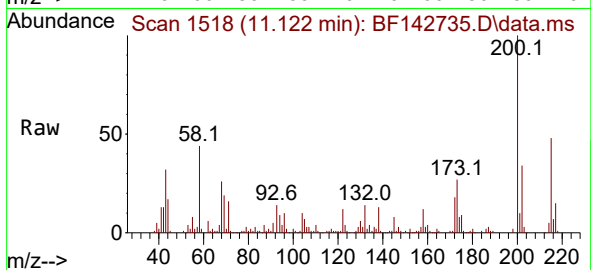
MW-2-20250605MS

Tgt Ion:200 Resp: 73139  
 Ion Ratio Lower Upper  
 200 100  
 173 27.5 7.4 47.4  
 215 47.5 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025



#70

Pentachlorophenol

Concen: 106.085 ng

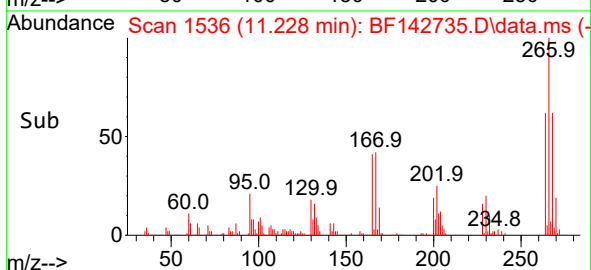
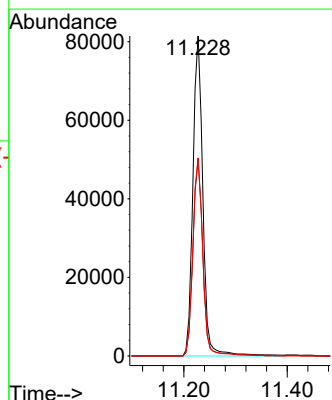
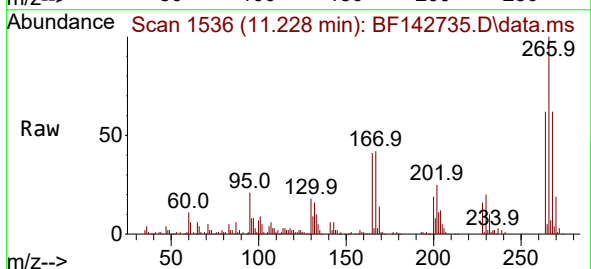
RT: 11.228 min Scan# 1536

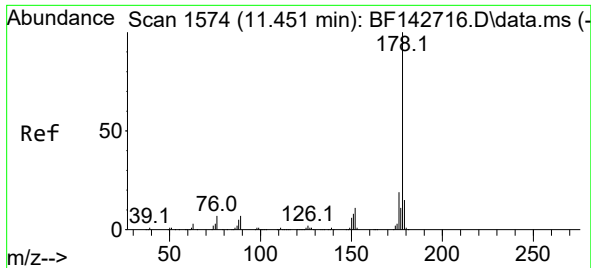
Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:266 Resp: 108714  
 Ion Ratio Lower Upper  
 266 100  
 268 61.6 49.6 74.4  
 264 61.9 49.5 74.3





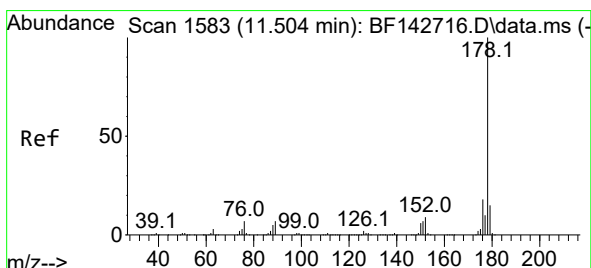
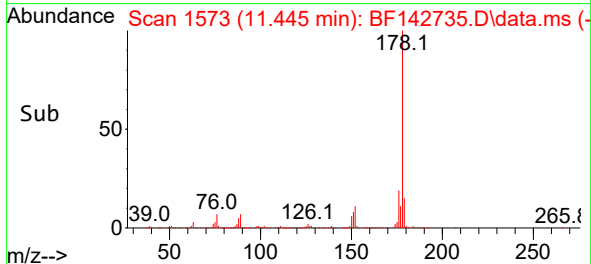
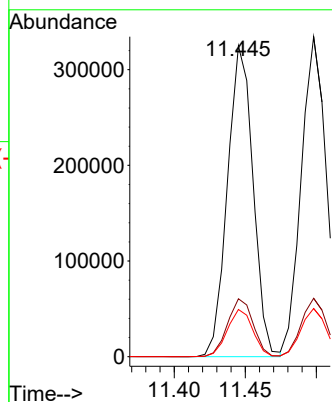
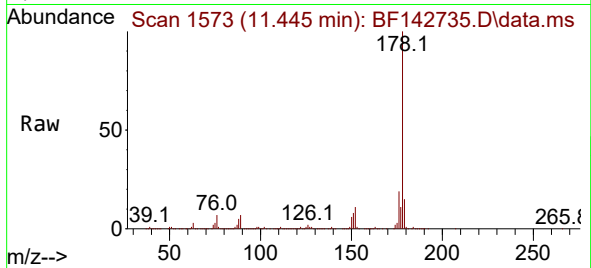
#71  
Phenanthrene  
Concen: 50.970 ng  
RT: 11.445 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS

Tgt Ion:178 Resp: 407429  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.4 23.2  
179 15.2 12.2 18.4

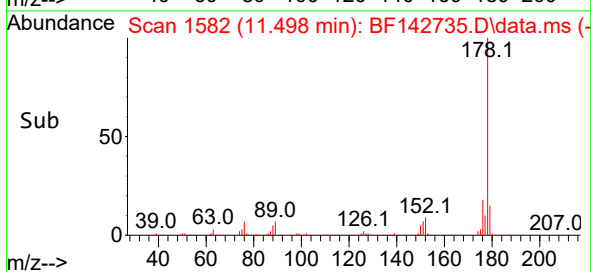
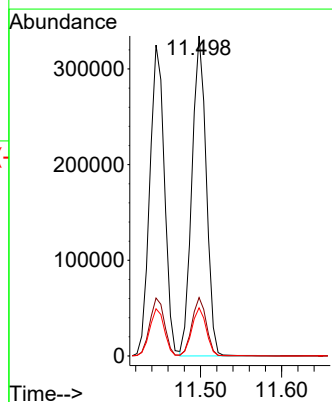
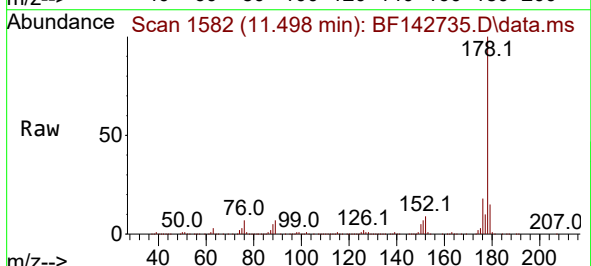
Manual Integrations  
APPROVED

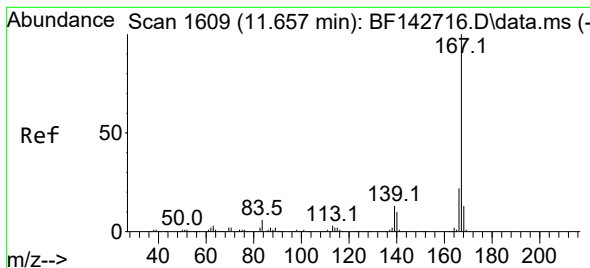
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#72  
Anthracene  
Concen: 49.642 ng  
RT: 11.498 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

Tgt Ion:178 Resp: 410494  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.8 22.2  
179 15.0 12.2 18.2





#73

Carbazole

Concen: 53.339 ng

RT: 11.651 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

MW-2-20250605MS

Tgt Ion:167 Resp: 36924

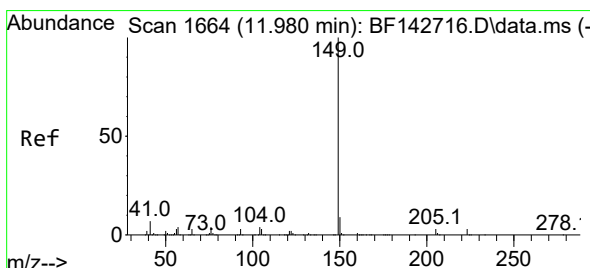
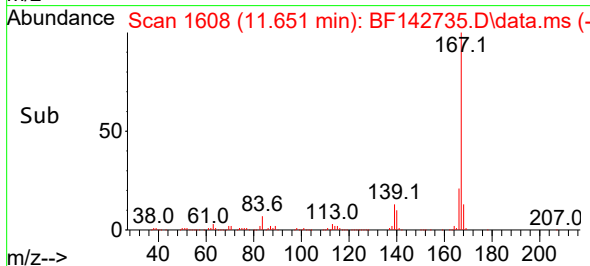
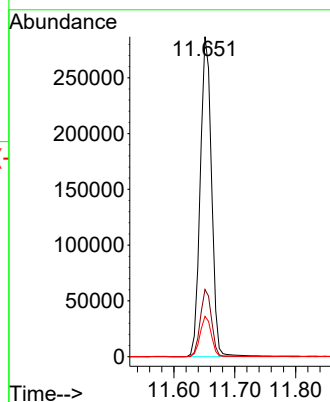
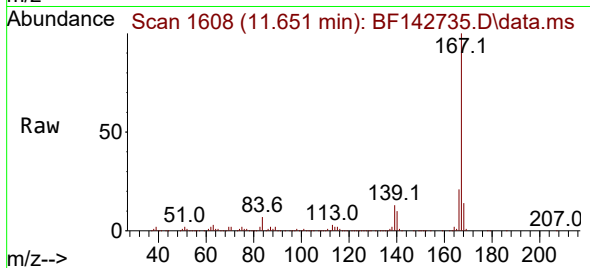
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.0  | 17.2  | 25.8  |
| 139 | 12.6  | 10.2  | 15.4  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#74

Di-n-butylphthalate

Concen: 60.483 ng

RT: 11.980 min Scan# 1664

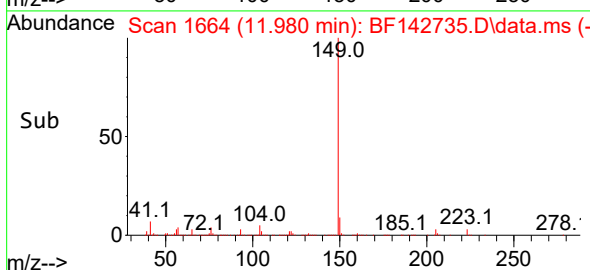
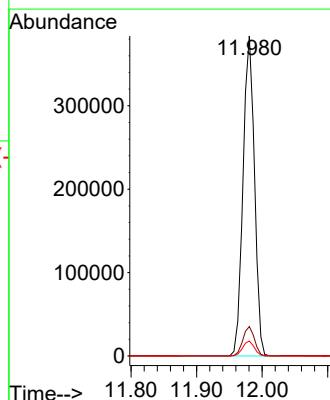
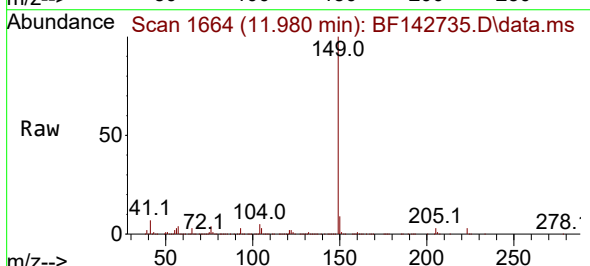
Delta R.T. -0.000 min

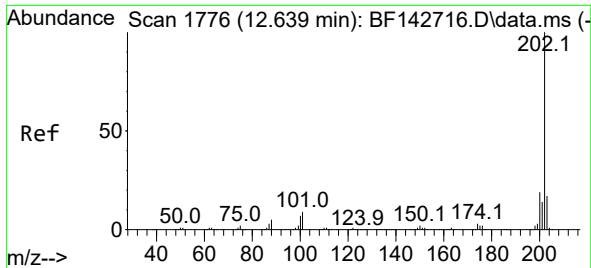
Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Tgt Ion:149 Resp: 467525

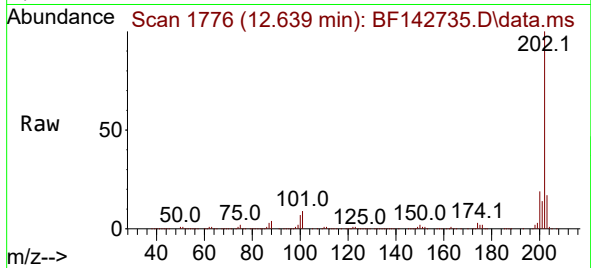
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.2   | 10.8  |
| 104 | 4.6   | 3.4   | 5.2   |





#75  
Fluoranthene  
Concen: 55.250 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

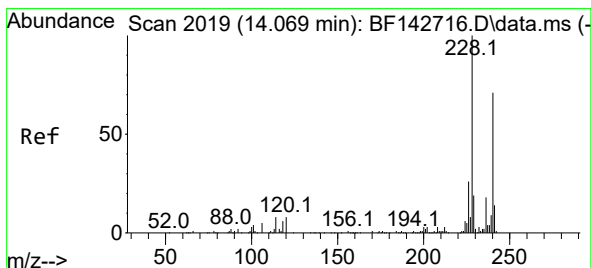
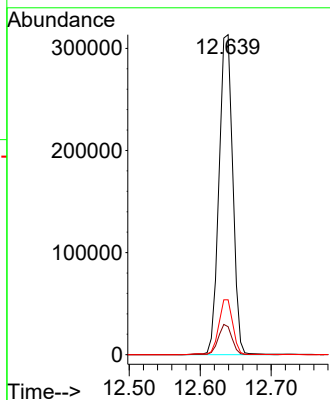
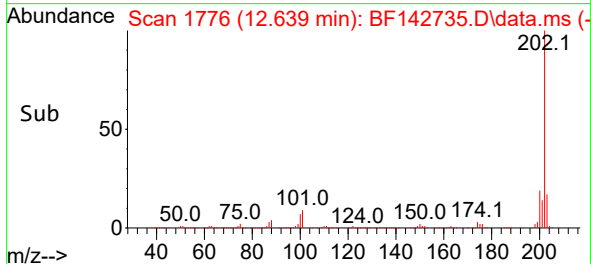
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



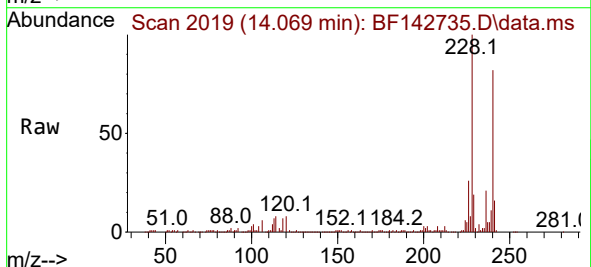
Tgt Ion:202 Resp: 419950  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 29.5  
203 17.1 0.0 37.0

Manual Integrations  
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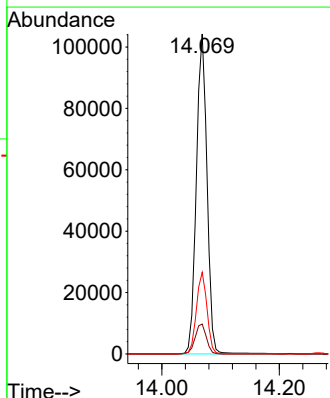
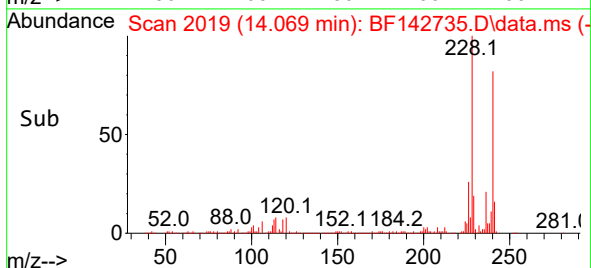
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

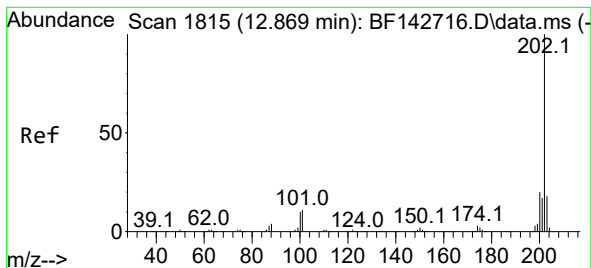


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



Tgt Ion:240 Resp: 131264  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.5 12.7  
236 25.5 20.1 30.1





#78

Pyrene

Concen: 34.555 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF142735.D

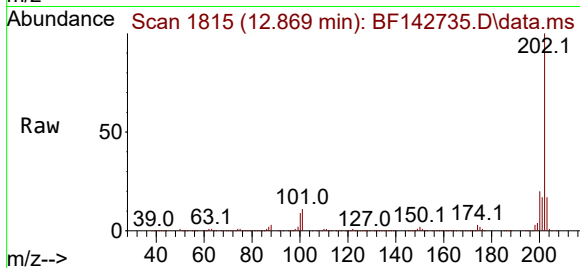
Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

MW-2-20250605MS



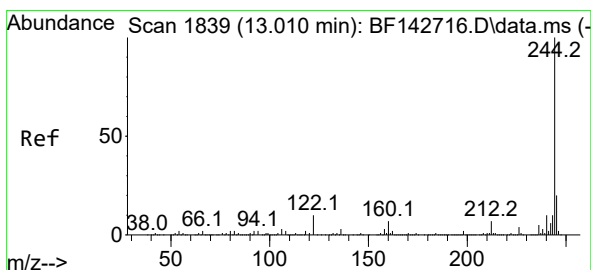
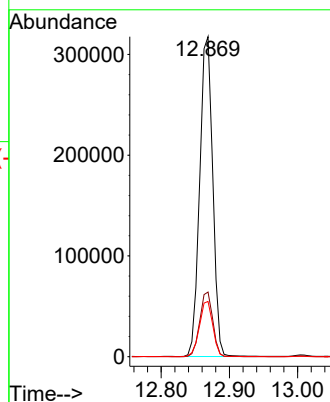
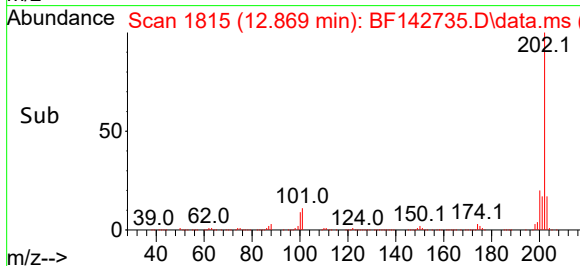
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 42151 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 20.2  | 15.8  | 23.8  |
| 203       | 17.3  | 14.1  | 21.1  |

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#79

Terphenyl-d14

Concen: 60.099 ng

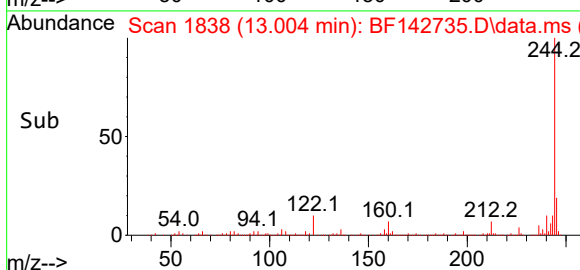
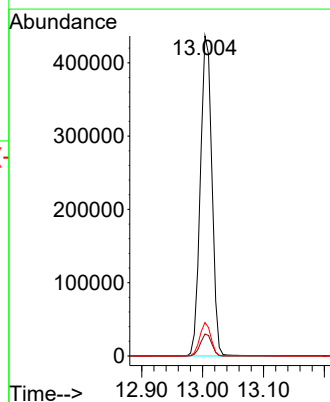
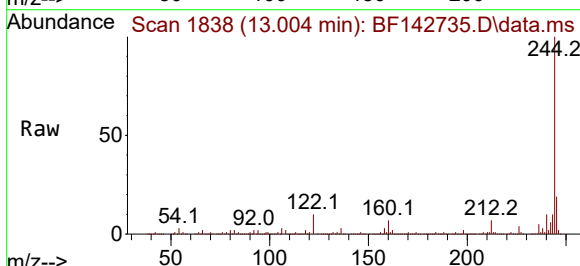
RT: 13.004 min Scan# 1838

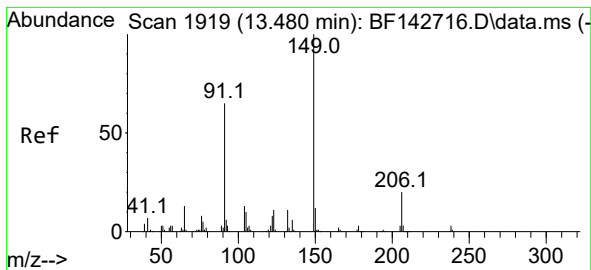
Delta R.T. -0.006 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

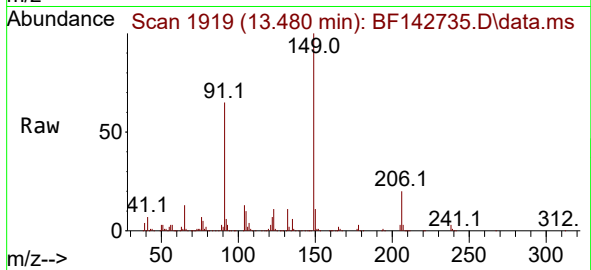
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 574387 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.9   | 5.4   | 8.0    |
| 122       | 10.4  | 8.3   | 12.5   |





#80  
Butylbenzylphthalate  
Concen: 54.778 ng  
RT: 13.480 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

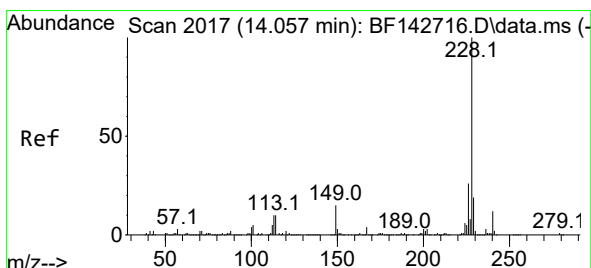
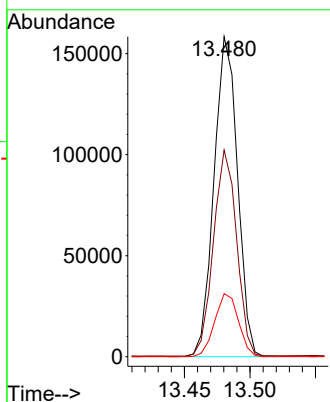
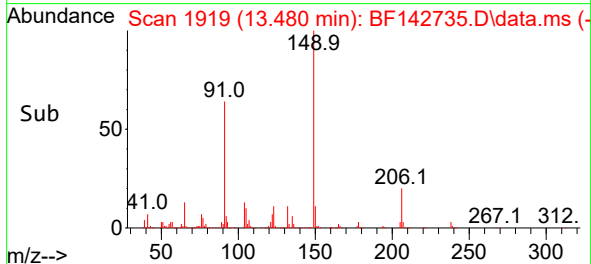
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



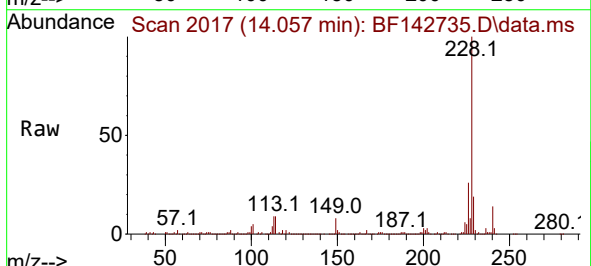
Tgt Ion:149 Resp: 197597  
Ion Ratio Lower Upper  
149 100  
91 64.6 52.3 78.5  
206 19.7 16.0 24.0

Manual Integrations  
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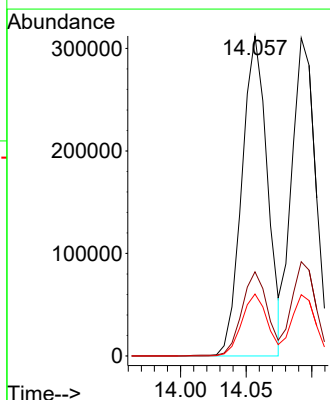
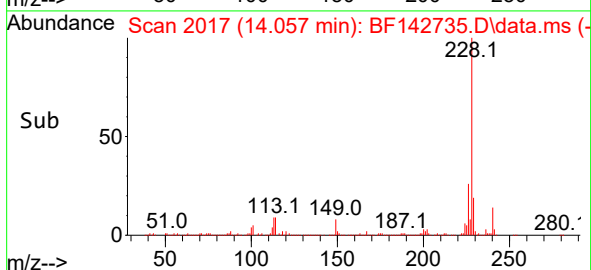
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

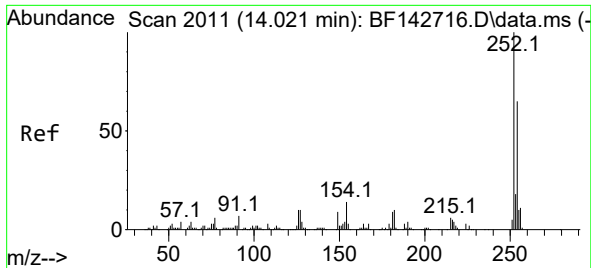


#81  
Benzo(a)anthracene  
Concen: 48.624 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



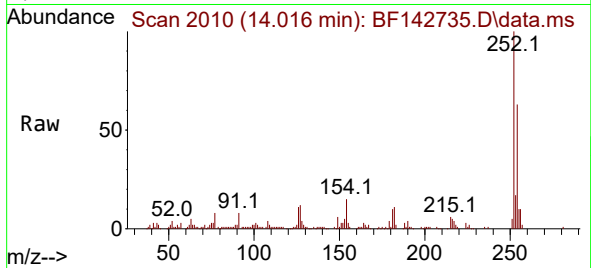
Tgt Ion:228 Resp: 422953  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.0 31.4  
229 19.4 15.5 23.3





#82  
3,3'-Dichlorobenzidine  
Concen: 25.254 ng  
RT: 14.016 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

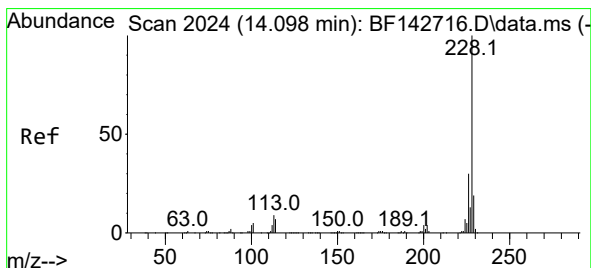
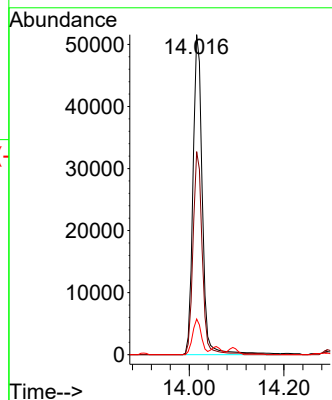
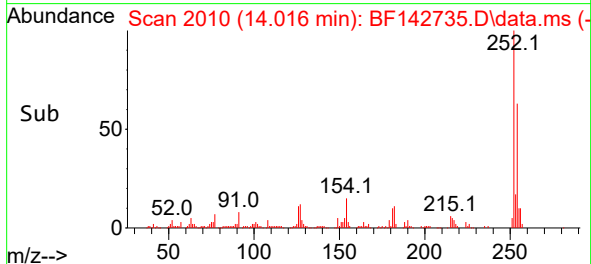
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



Tgt Ion:252 Resp: 7083  
Ion Ratio Lower Upper  
252 100  
254 63.5 51.8 77.6  
126 11.2 8.1 12.1

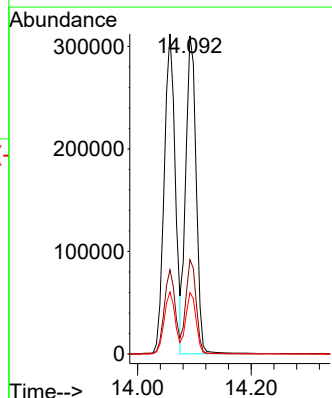
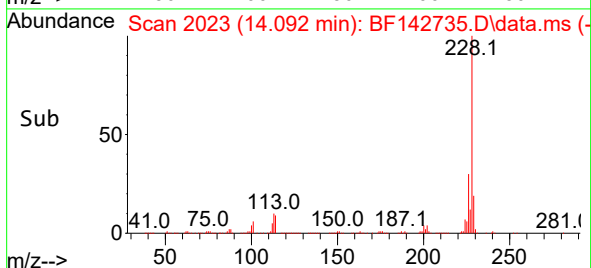
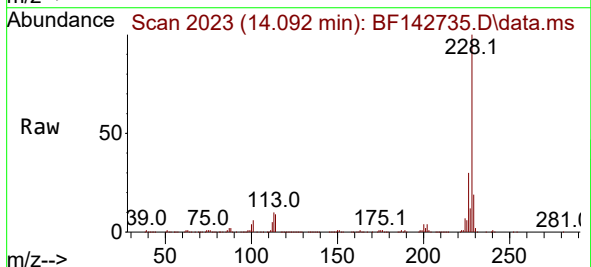
Manual Integrations  
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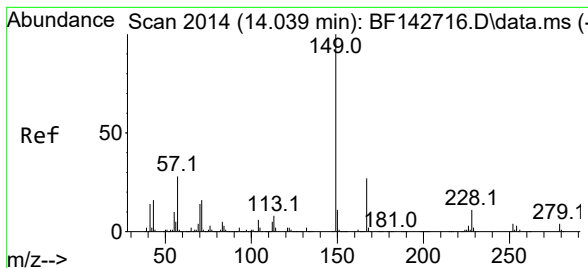
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#83  
Chrysene  
Concen: 48.958 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

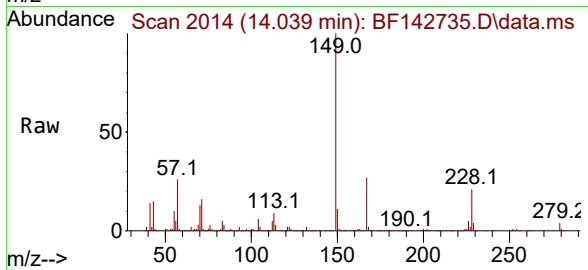
Tgt Ion:228 Resp: 393175  
Ion Ratio Lower Upper  
228 100  
226 29.6 23.6 35.4  
229 19.3 15.5 23.3





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.281 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

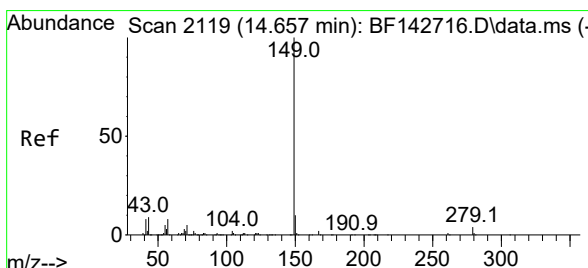
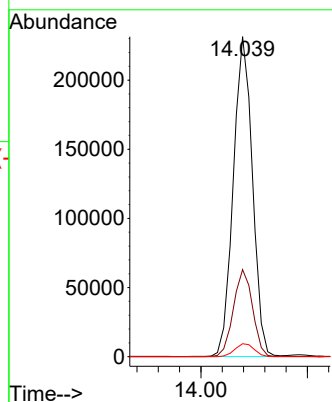
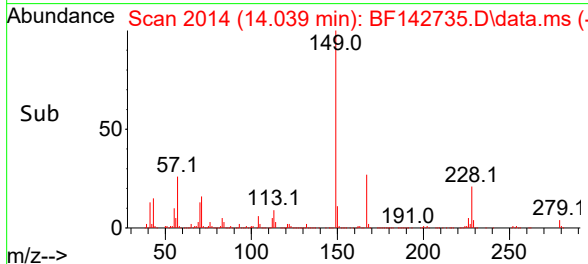
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



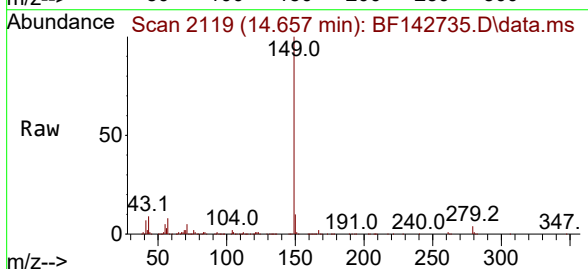
Tgt Ion:149 Resp: 288438  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.4 32.2  
279 4.1 3.0 4.4

Manual Integrations  
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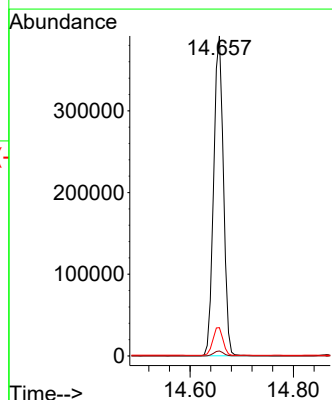
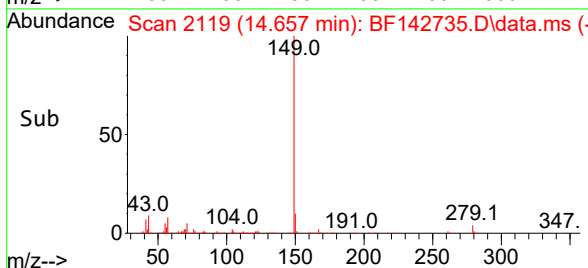
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

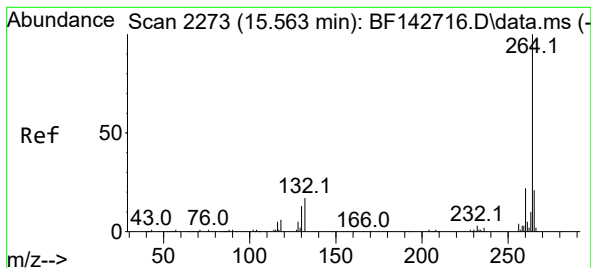


#85  
Di-n-octyl phthalate  
Concen: 49.362 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



Tgt Ion:149 Resp: 512678  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 9.0 7.3 10.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142735.D

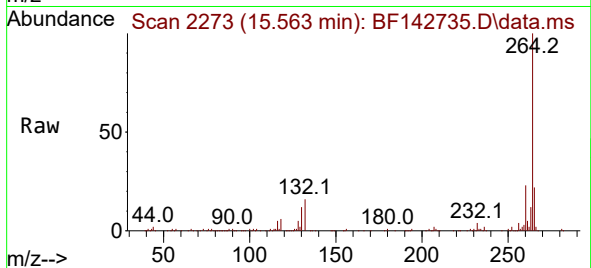
Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

MW-2-20250605MS



Tgt Ion:264 Resp: 15761

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

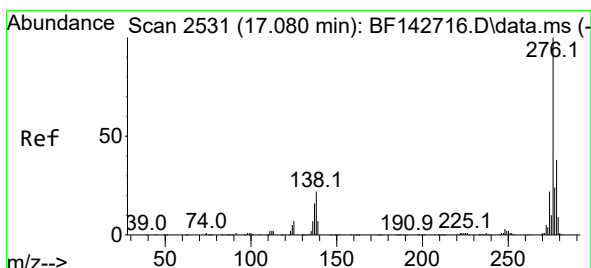
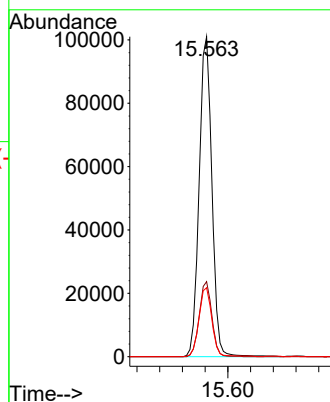
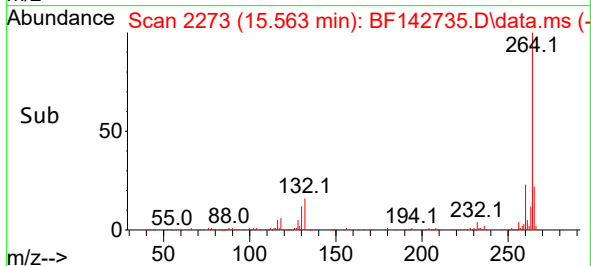
265 21.5 16.6 25.0

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.217 ng

RT: 17.080 min Scan# 2531

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

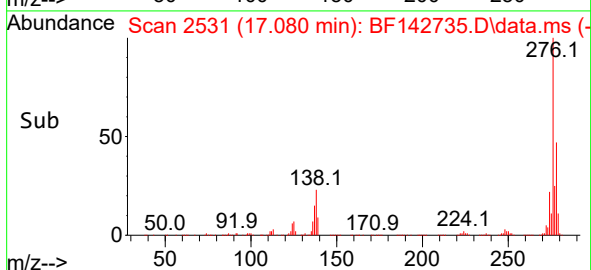
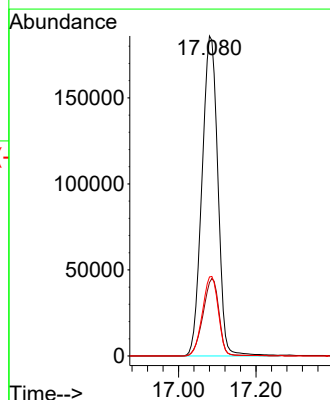
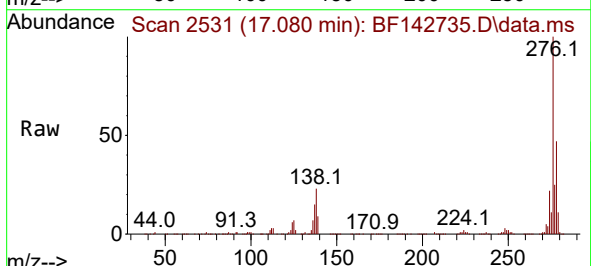
Tgt Ion:276 Resp: 528129

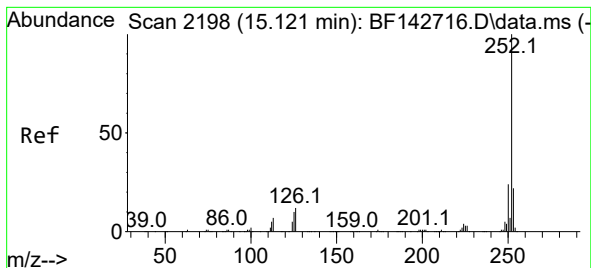
Ion Ratio Lower Upper

276 100

138 24.2 19.3 28.9

277 25.1 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 52.873 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

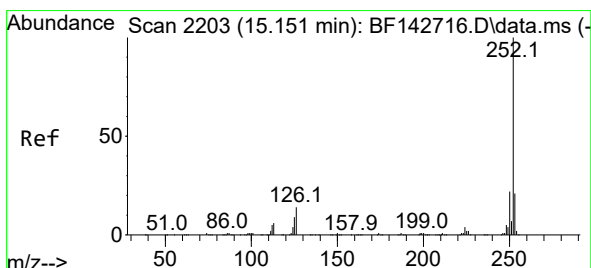
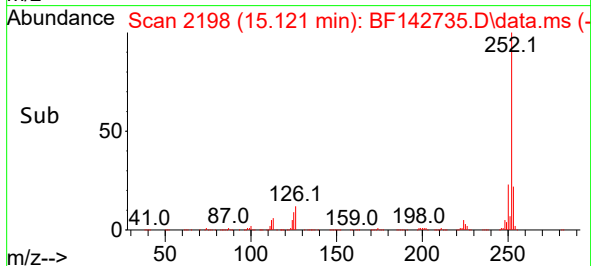
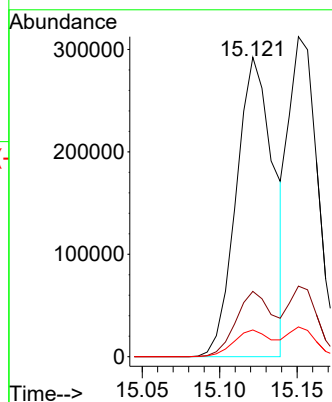
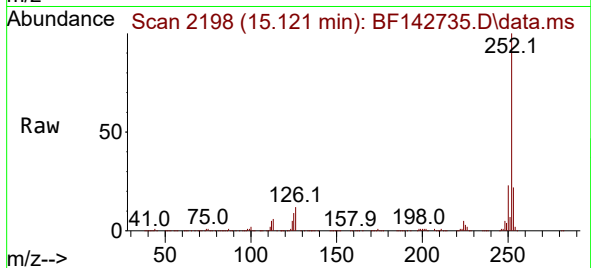
MW-2-20250605MS

Tgt Ion:252 Resp: 490678  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.7 26.5  
 125 8.9 7.8 11.6

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025



#89

Benzo(k)fluoranthene

Concen: 45.228 ng

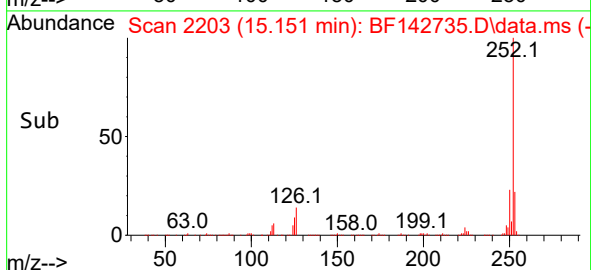
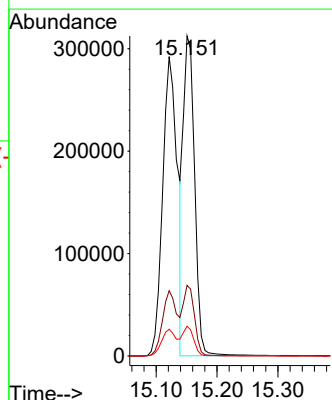
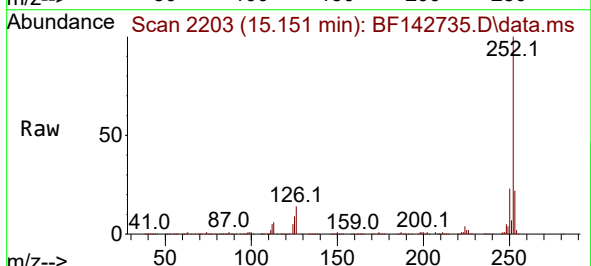
RT: 15.151 min Scan# 2203

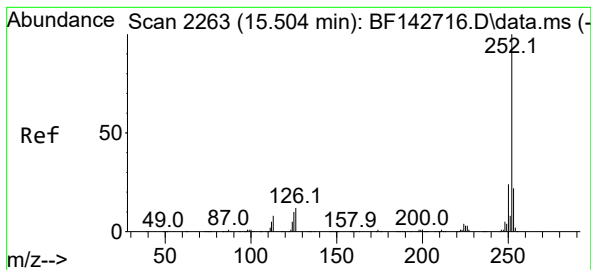
Delta R.T. -0.000 min

Lab File: BF142735.D

Acq: 11 Jun 2025 15:20

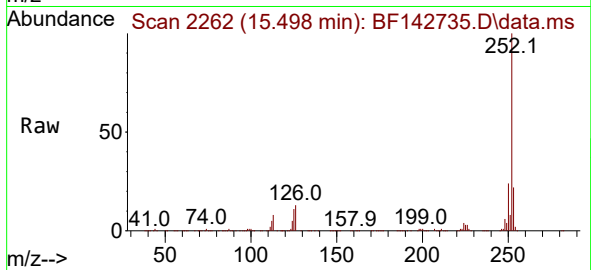
Tgt Ion:252 Resp: 407250  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.3 25.9  
 125 9.3 7.5 11.3





#90  
Benzo(a)pyrene  
Concen: 49.409 ng  
RT: 15.498 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20

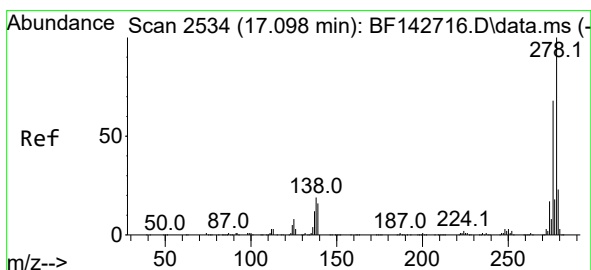
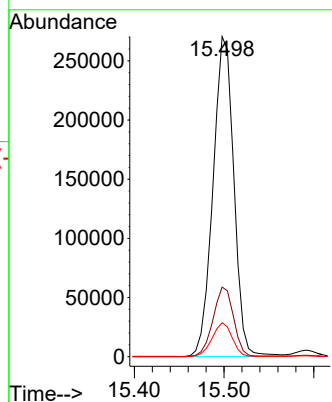
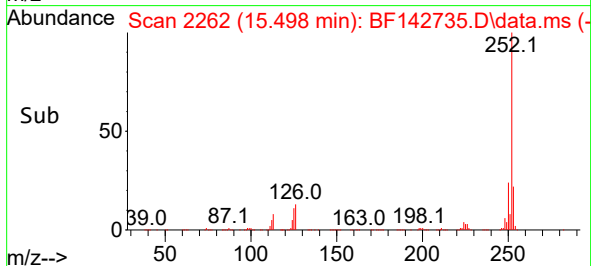
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20250605MS



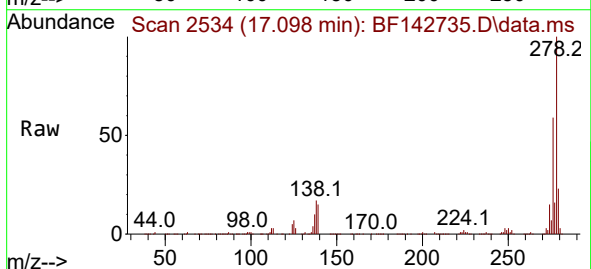
Tgt Ion:252 Resp: 435969  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 10.6 8.0 12.0

Manual Integrations  
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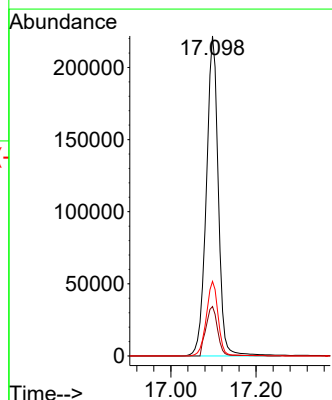
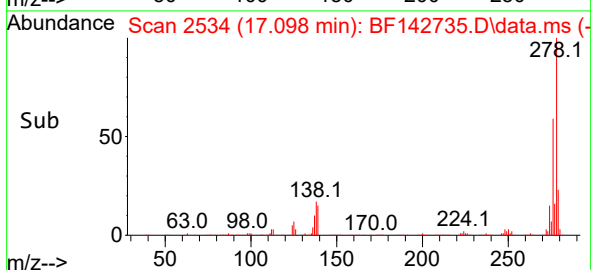
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

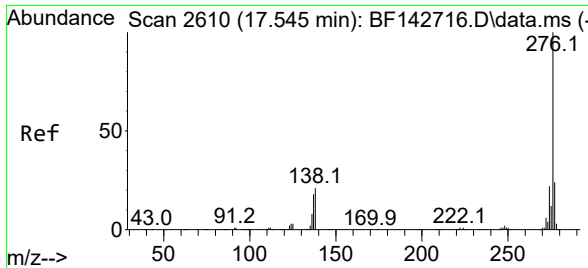


#91  
Dibenzo(a,h)anthracene  
Concen: 45.387 ng  
RT: 17.098 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: BF142735.D  
Acq: 11 Jun 2025 15:20



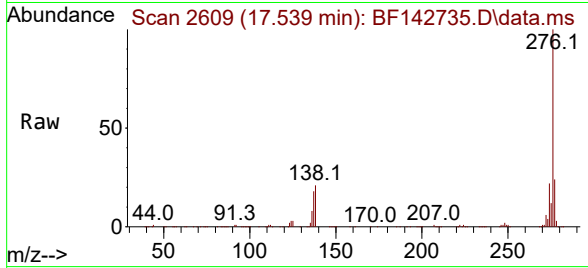
Tgt Ion:278 Resp: 432848  
Ion Ratio Lower Upper  
278 100  
139 15.5 12.8 19.2  
279 23.3 18.7 28.1





#92  
 Benzo(g,h,i)perylene  
 Concen: 43.879 ng  
 RT: 17.539 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: BF142735.D  
 Acq: 11 Jun 2025 15:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2-20250605MS



Tgt Ion: 276 Resp: 416129  
 Ion Ratio Lower Upper  
 276 100  
 277 23.7 18.8 28.2  
 138 21.1 16.4 24.6

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025

