

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061125\  
 Data File : BF142728.D  
 Acq On : 11 Jun 2025 11:50  
 Operator : RC/JU  
 Sample : PB168285BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168285BSD

Manual Integrations  
 APPROVED

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

Quant Time: Jun 11 12:17:59 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  | 79958    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 304653   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 167586   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.428 | 188  | 281985   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.069 | 240  | 148975   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.563 | 264  | 159540   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 584593   | 124.521 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.528  | 99   | 699315   | 126.573 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 442271   | 79.449  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 236790   | 128.920 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 979443   | 77.646  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 859457   | 79.236  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.769  | 88   | 67790    | 36.486  | ng    | 99       |
| 3) Pyridine                   | 3.522  | 79   | 187784   | 40.309  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.481  | 42   | 106761   | 44.791  | ng    | 98       |
| 6) Aniline                    | 6.557  | 93   | 235031   | 31.783  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 235077   | 45.820  | ng    | 98       |
| 9) Benzaldehyde               | 6.446  | 77   | 108698   | 31.769  | ng    | 96       |
| 10) Phenol                    | 6.540  | 94   | 271535   | 44.215  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 203412   | 44.344  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 252496   | 43.125  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 254095   | 42.942  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 244725   | 43.146  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 189979   | 45.494  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 308921   | 42.774  | ng    | 98       |
| 17) 2-Methylphenol            | 7.146  | 107  | 181748   | 46.210  | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 91334    | 43.071  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 153317   | 43.589  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 228375   | 46.057  | ng    | 98       |
| 22) Acetophenone              | 7.304  | 105  | 305840   | 45.131  | ng    | 98       |
| 24) Nitrobenzene              | 7.481  | 77   | 224388   | 45.417  | ng    | 100      |
| 25) Isophorone                | 7.716  | 82   | 421864   | 44.759  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.793  | 139  | 128129   | 46.469  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 217370   | 46.303  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 264684   | 45.231  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.040  | 162  | 204043   | 47.097  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 216097   | 45.139  | ng    | 100      |
| 31) Naphthalene               | 8.198  | 128  | 674474   | 44.765  | ng    | 99       |
| 32) Benzoic acid              | 7.957  | 122  | 136622   | 51.676  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 86856    | 14.357  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 134005   | 43.926  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 58307m   | 49.858  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.734  | 107  | 206170   | 45.766  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 428144   | 44.895  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 441163   | 44.655  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 216872   | 44.712  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 293138   | 94.162  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 148294   | 47.231  | ng    | 99       |

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 Acq On : 11 Jun 2025 11:50  
 Operator : RC/JU  
 Sample : PB168285BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168285BSD

Manual Integrations  
 APPROVED

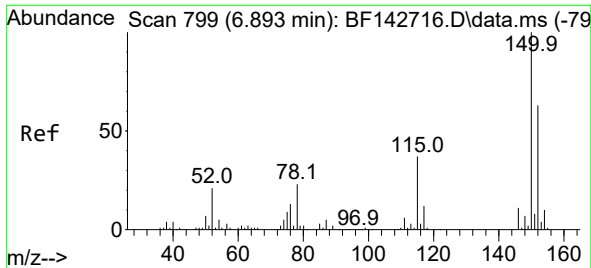
Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025

Quant Time: Jun 11 12:17:59 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) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 155805   | 45.944  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 586146   | 45.042  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 434176   | 45.287  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.481  | 65   | 123837   | 45.415  | ng    | 95       |
| 49) Acenaphthylene            | 9.798  | 152  | 733996   | 45.406  | ng    | 100      |
| 50) Dimethylphthalate         | 9.657  | 163  | 522022   | 46.646  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 111554   | 46.122  | ng    | 95       |
| 52) Acenaphthene              | 9.975  | 154  | 499655   | 49.852  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 67107    | 25.580  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 142845   | 107.815 | ng    | 93       |
| 55) Dibenzofuran              | 10.145 | 168  | 638399   | 44.730  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.057 | 139  | 172443   | 96.918  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.128 | 165  | 152297   | 47.624  | ng    | 98       |
| 58) Fluorene                  | 10.486 | 166  | 503700   | 44.691  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 131356   | 46.041  | ng    | 99       |
| 60) Diethylphthalate          | 10.357 | 149  | 516838   | 46.575  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 248444   | 45.137  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 109301   | 46.571  | ng    | 98       |
| 63) Azobenzene                | 10.639 | 77   | 441139   | 45.518  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 86177    | 48.802  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 437418   | 45.128  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 150357   | 45.172  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 164704   | 44.578  | ng    | 98       |
| 69) Atrazine                  | 11.122 | 200  | 128706   | 49.805  | ng    | 100      |
| 70) Pentachlorophenol         | 11.233 | 266  | 179040   | 92.443  | ng    | 97       |
| 71) Phenanthrene              | 11.451 | 178  | 678589   | 44.919  | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 702094   | 44.926  | ng    | 100      |
| 73) Carbazole                 | 11.657 | 167  | 601663   | 45.988  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 699562   | 47.886  | ng    | 99       |
| 75) Fluoranthene              | 12.639 | 202  | 645627   | 44.944  | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 172676   | 32.546  | ng    | 98       |
| 78) Pyrene                    | 12.875 | 202  | 631683   | 45.628  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 206062   | 50.334  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 469680   | 47.577  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.022 | 252  | 70698    | 22.208  | ng    | 100      |
| 83) Chrysene                  | 14.098 | 228  | 408413   | 44.809  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 298050   | 48.511  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 555755   | 47.148  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.092 | 276  | 547077   | 46.273  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.127 | 252  | 436349   | 46.450  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 431458   | 47.337  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 424339   | 47.509  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.104 | 278  | 449495   | 46.562  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.551 | 276  | 437957   | 45.623  | ng    | 100      |

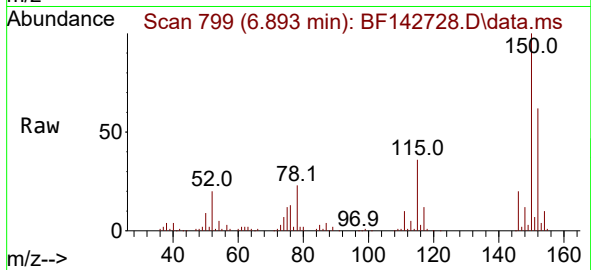
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.893 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50

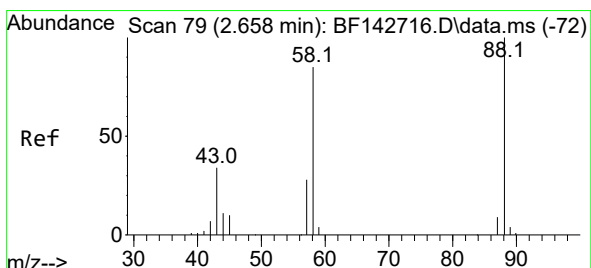
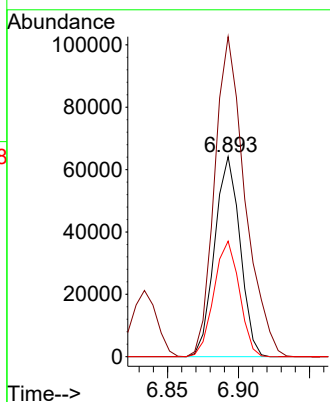
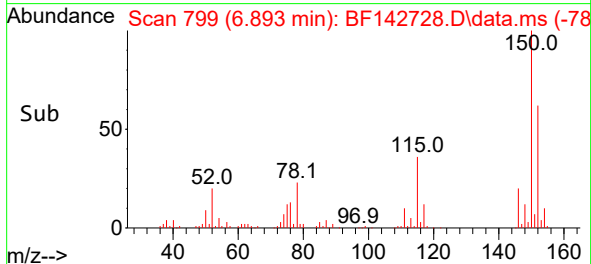
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168285BSD



Tgt Ion:152 Resp: 79958  
 Ion Ratio Lower Upper  
 152 100  
 150 160.0 126.9 190.3  
 115 57.8 47.0 70.6

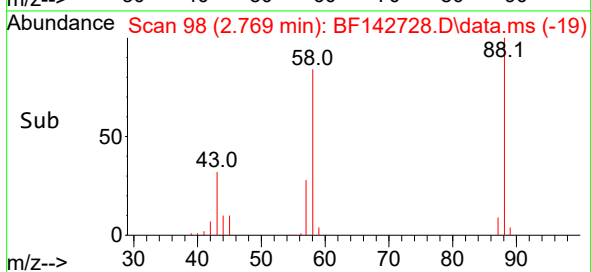
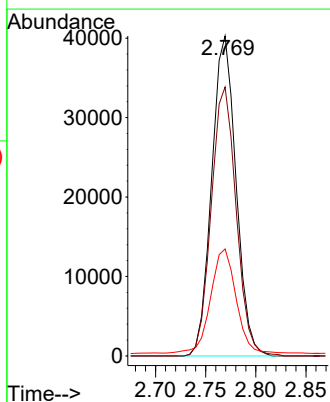
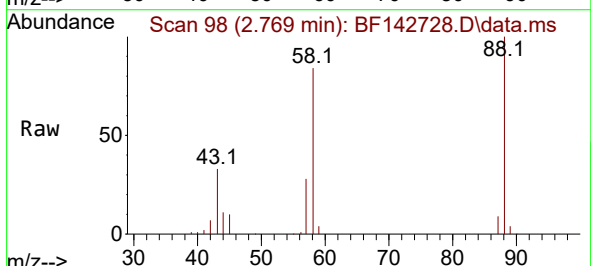
Manual Integrations  
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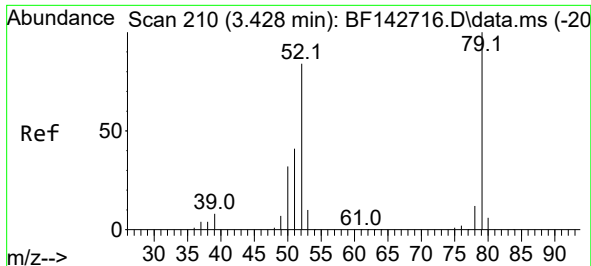
Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025



#2  
 1,4-Dioxane  
 Concen: 36.486 ng  
 RT: 2.769 min Scan# 98  
 Delta R.T. 0.112 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50

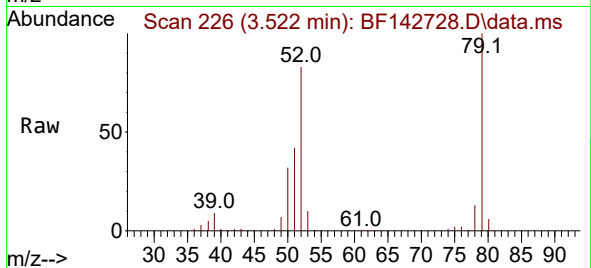
Tgt Ion: 88 Resp: 67790  
 Ion Ratio Lower Upper  
 88 100  
 58 86.1 68.4 102.6  
 43 35.2 27.0 40.6





#3  
Pyridine  
Concen: 40.309 ng  
RT: 3.522 min Scan# 210  
Delta R.T. 0.094 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

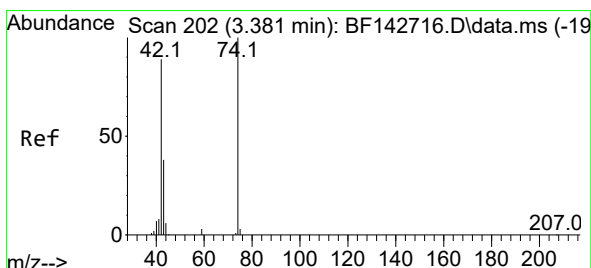
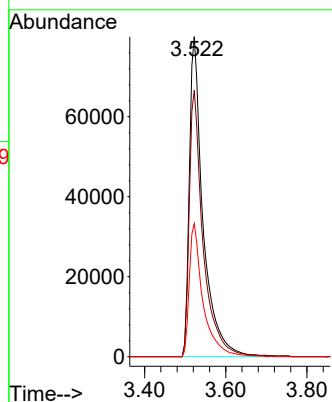
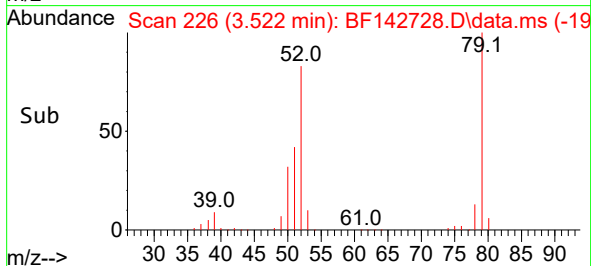
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



Tgt Ion: 79 Resp: 187784  
Ion Ratio Lower Upper  
79 100  
52 83.3 67.1 100.7  
51 41.6 32.6 48.8

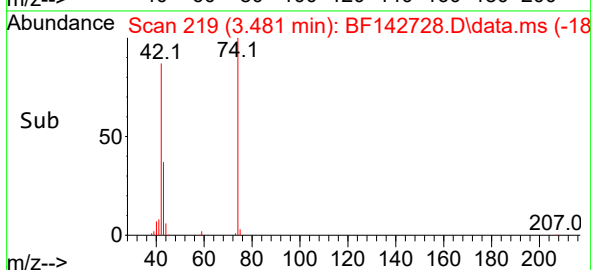
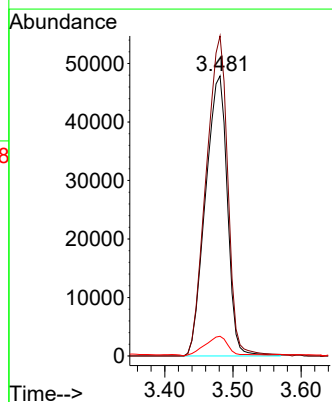
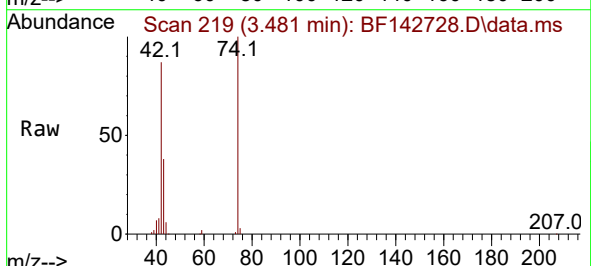
Manual Integrations  
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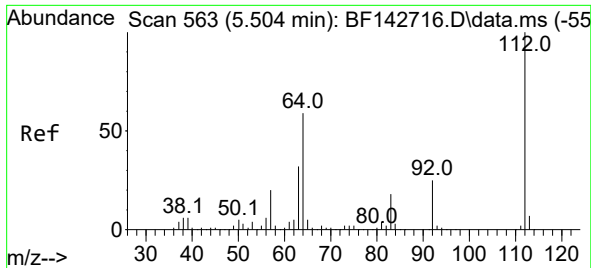
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#4  
n-Nitrosodimethylamine  
Concen: 44.791 ng  
RT: 3.481 min Scan# 219  
Delta R.T. 0.100 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Tgt Ion: 42 Resp: 106761  
Ion Ratio Lower Upper  
42 100  
74 114.3 89.6 134.4  
44 7.1 5.4 8.2





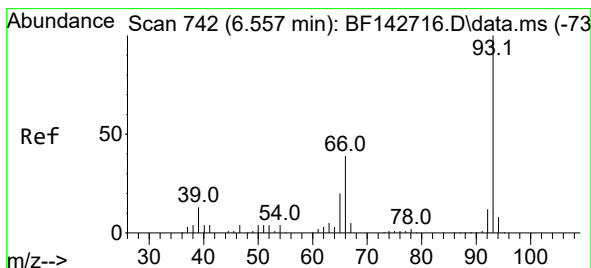
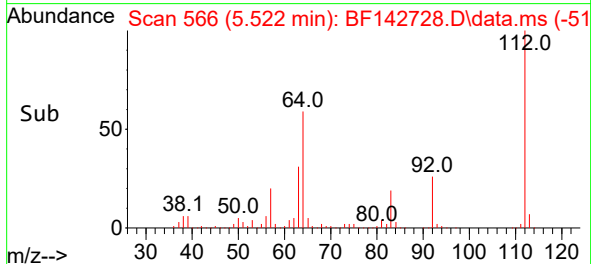
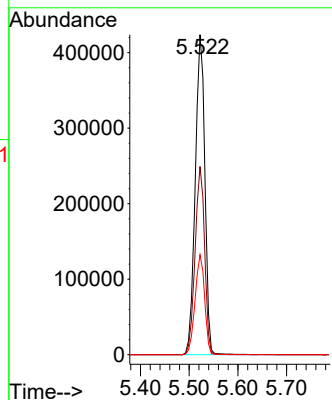
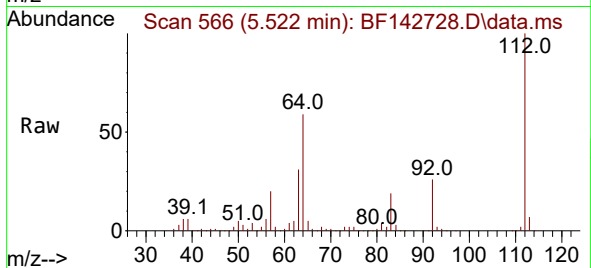
#5  
2-Fluorophenol  
Concen: 124.521 ng  
RT: 5.522 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD

Tgt Ion:112 Resp: 58459  
Ion Ratio Lower Upper  
112 100  
64 58.8 47.4 71.2  
63 31.2 25.4 38.0

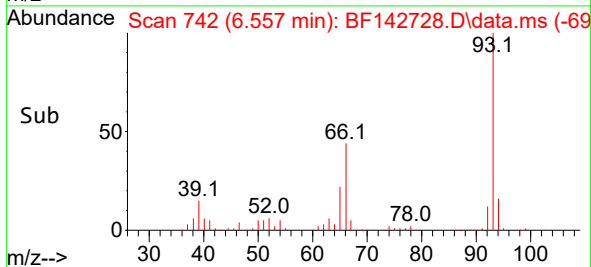
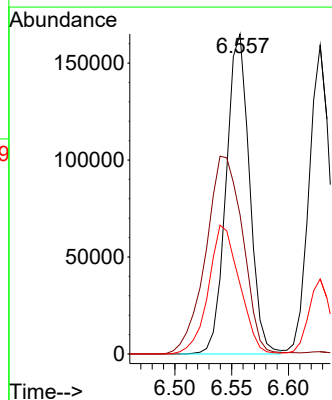
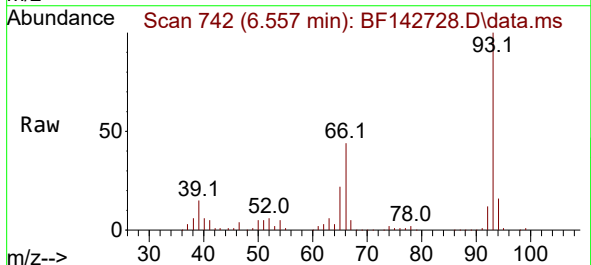
Manual Integrations  
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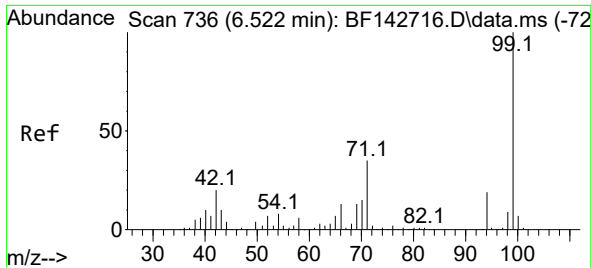
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#6  
Aniline  
Concen: 31.783 ng  
RT: 6.557 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Tgt Ion: 93 Resp: 235031  
Ion Ratio Lower Upper  
93 100  
66 43.5 32.0 48.0  
65 21.8 16.1 24.1





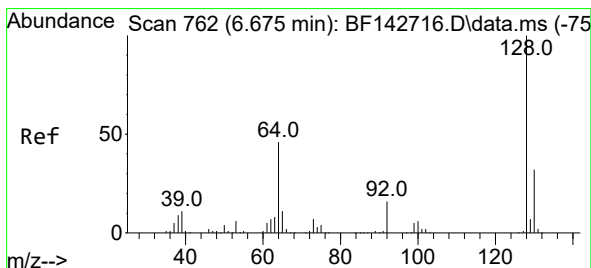
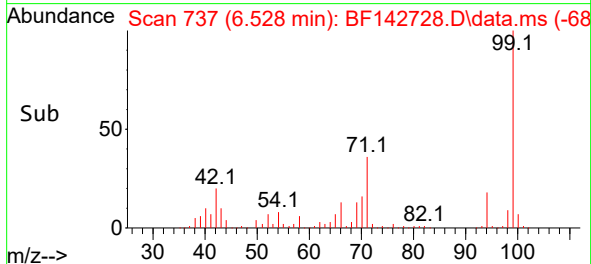
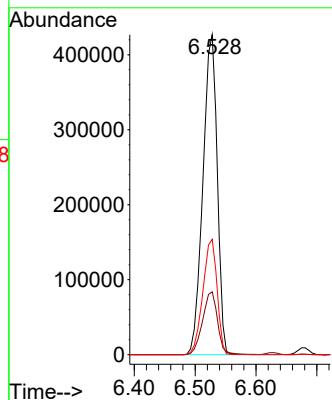
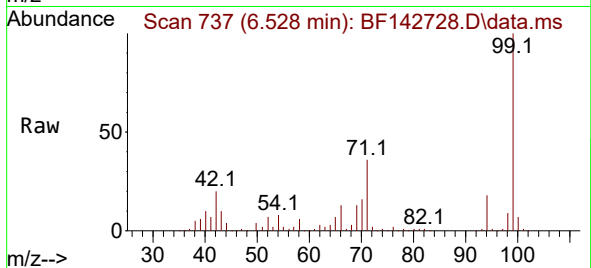
#7  
Phenol-d6  
Concen: 126.573 ng  
RT: 6.528 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD

Tgt Ion: 99 Resp: 699315  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.9 23.9  
71 36.0 28.0 42.0

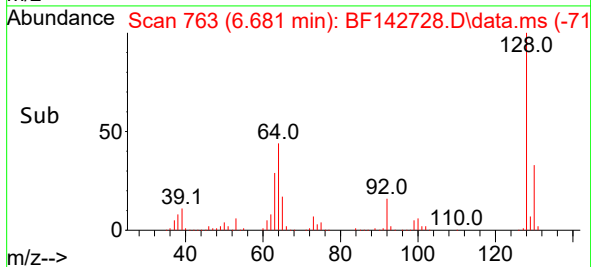
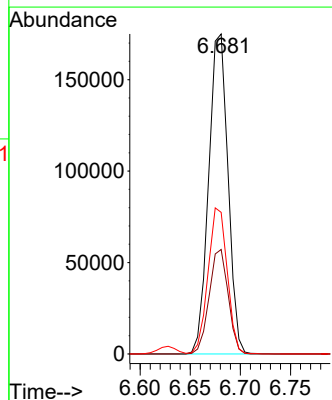
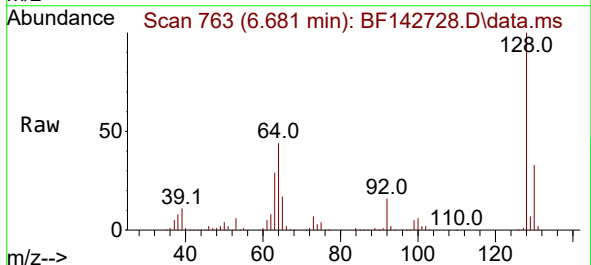
Manual Integrations  
APPROVED

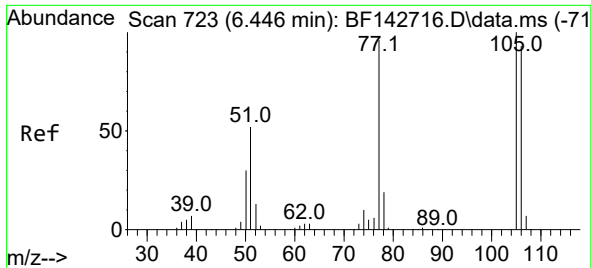
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#8  
2-Chlorophenol  
Concen: 45.820 ng  
RT: 6.681 min Scan# 763  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

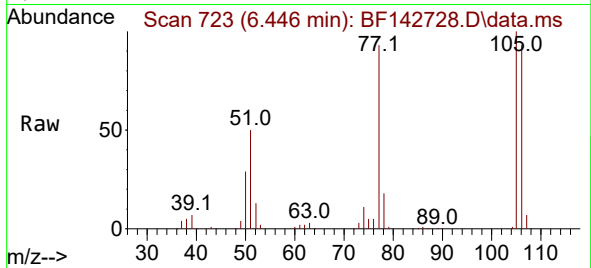
Tgt Ion:128 Resp: 235077  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.4 52.4  
64 44.3 26.5 66.5





#9  
Benzaldehyde  
Concen: 31.769 ng  
RT: 6.446 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

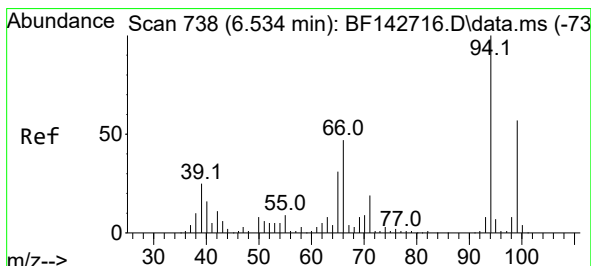
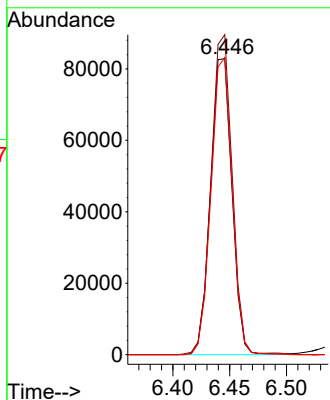
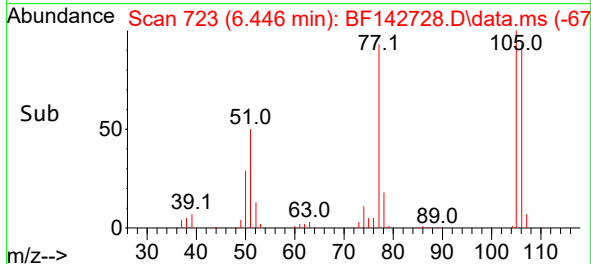
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



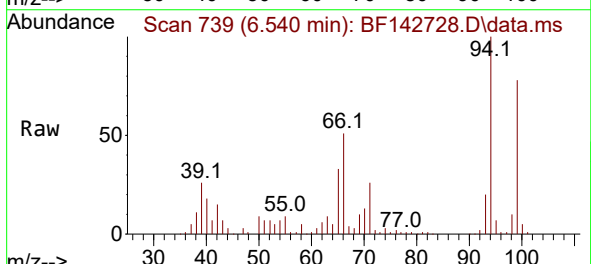
Tgt Ion: 77 Resp: 108698  
Ion Ratio Lower Upper  
77 100  
105 108.1 84.1 124.1  
106 100.4 77.2 117.2

Manual Integrations  
APPROVED

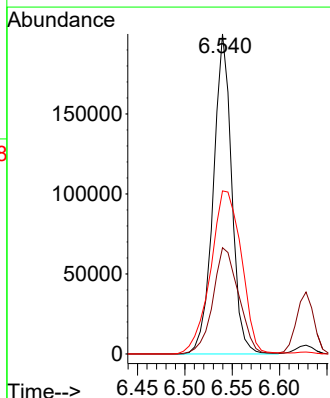
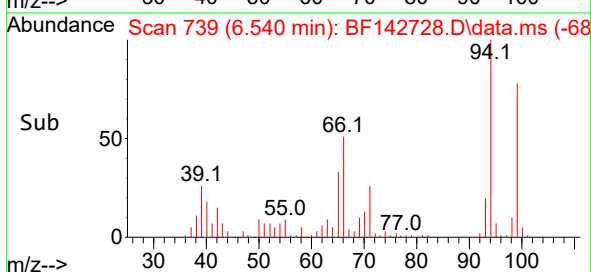
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

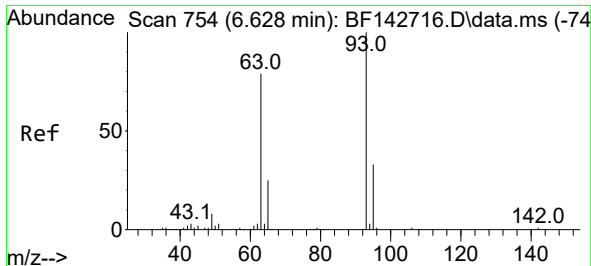


#10  
Phenol  
Concen: 44.215 ng  
RT: 6.540 min Scan# 739  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion: 94 Resp: 271535  
Ion Ratio Lower Upper  
94 100  
65 33.2 11.4 51.4  
66 51.0 26.7 66.7





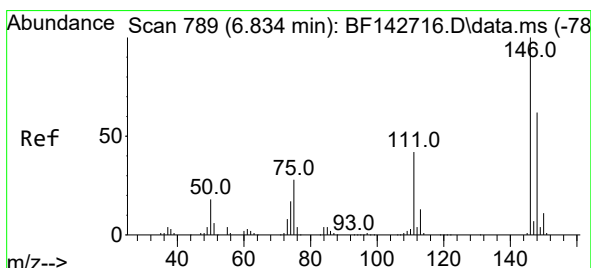
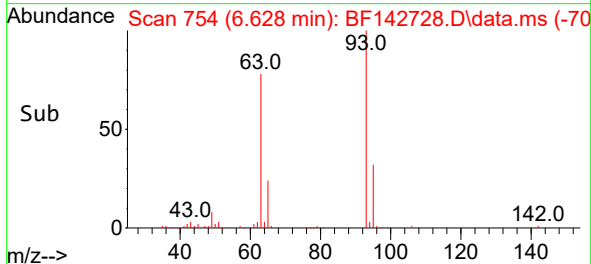
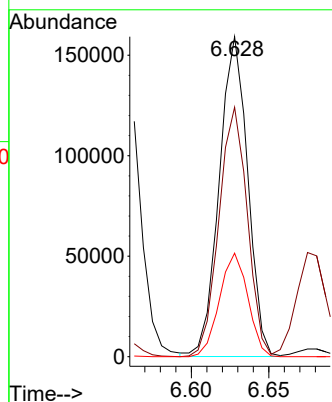
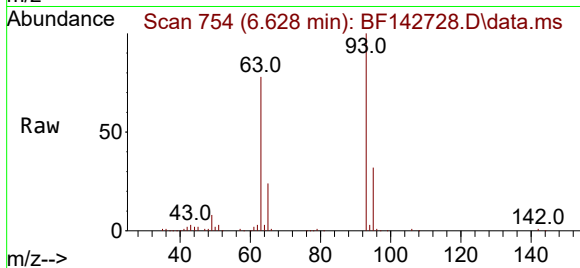
#11  
bis(2-Chloroethyl)ether  
Concen: 44.344 ng  
RT: 6.628 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD

Tgt Ion: 93 Resp: 203412  
Ion Ratio Lower Upper  
93 100  
63 78.0 58.3 98.3  
95 32.4 13.1 53.1

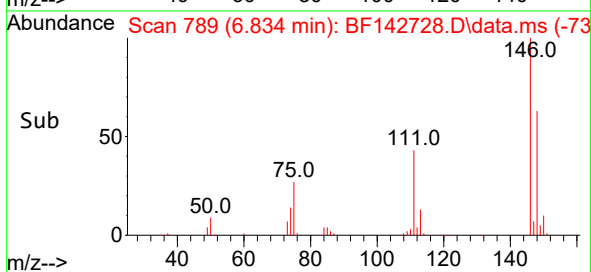
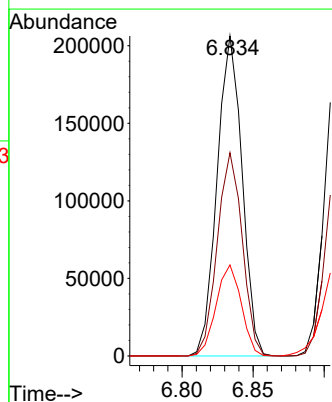
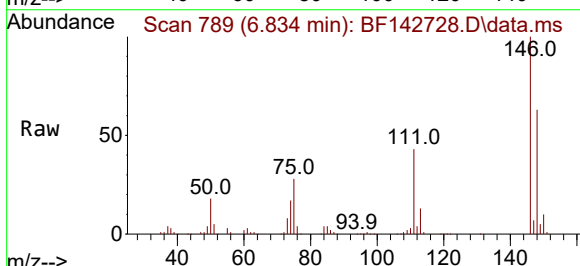
Manual Integrations  
APPROVED

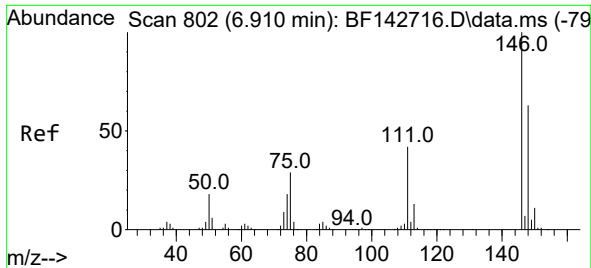
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#12  
1,3-Dichlorobenzene  
Concen: 43.125 ng  
RT: 6.834 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Tgt Ion:146 Resp: 252496  
Ion Ratio Lower Upper  
146 100  
148 63.5 49.9 74.9  
75 28.5 22.6 34.0





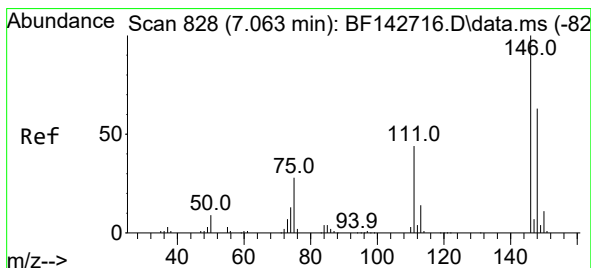
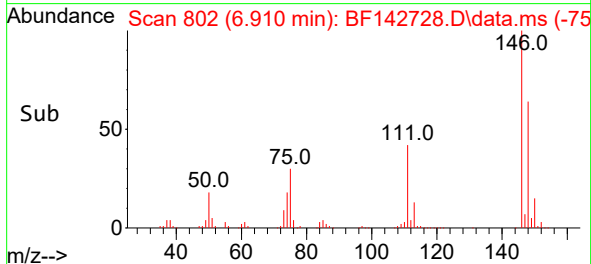
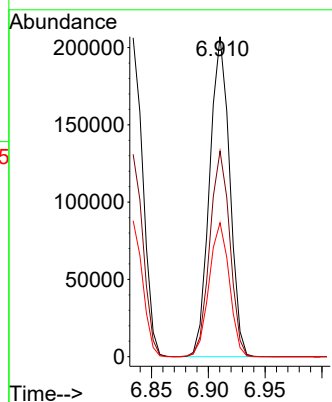
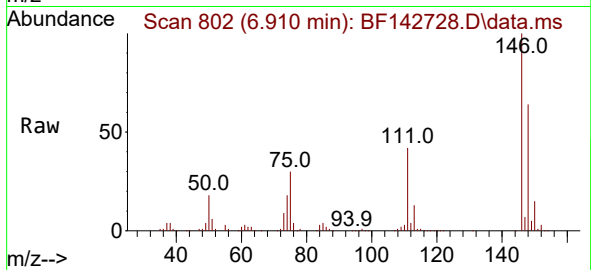
#13  
1,4-Dichlorobenzene  
Concen: 42.942 ng  
RT: 6.910 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD

Tgt Ion:146 Resp: 254095  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.5 75.7  
111 41.9 33.6 50.4

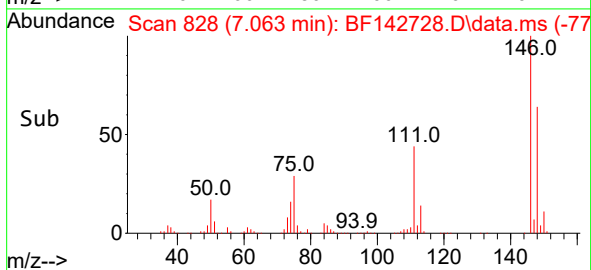
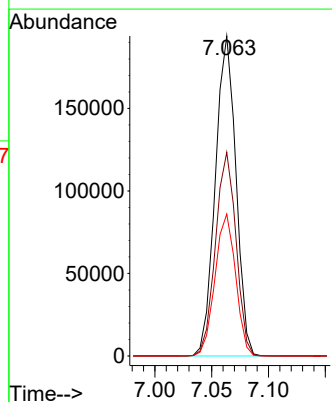
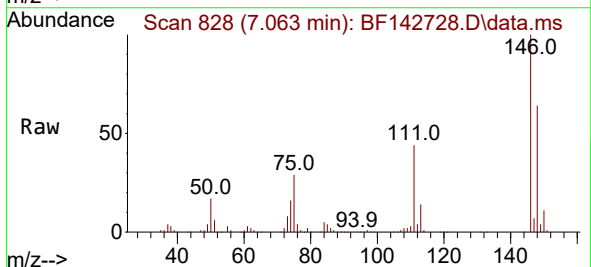
Manual Integrations  
APPROVED

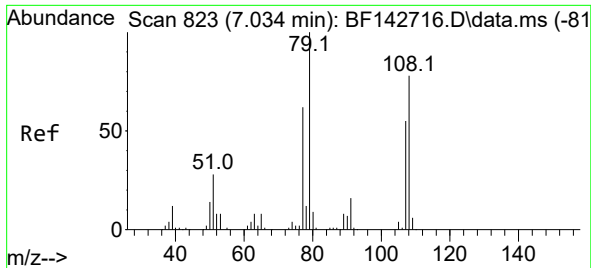
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#14  
1,2-Dichlorobenzene  
Concen: 43.146 ng  
RT: 7.063 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

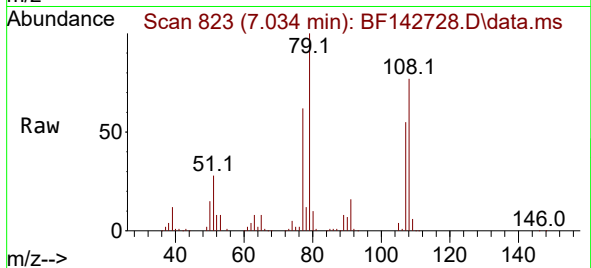
Tgt Ion:146 Resp: 244725  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.4 75.6  
111 44.4 35.2 52.8





#15  
Benzyl Alcohol  
Concen: 45.494 ng  
RT: 7.034 min Scan# 823  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

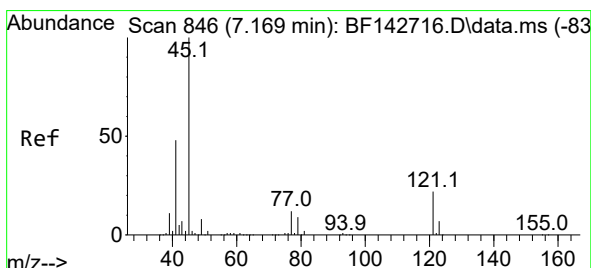
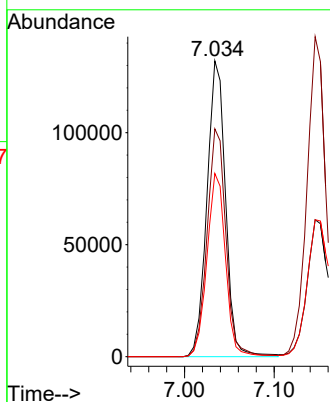
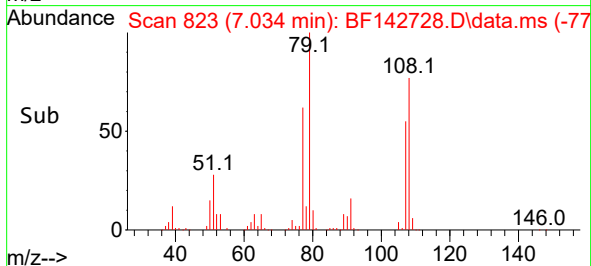
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



Tgt Ion: 79 Resp: 189979  
Ion Ratio Lower Upper  
79 100  
108 77.0 62.6 94.0  
77 61.9 49.8 74.8

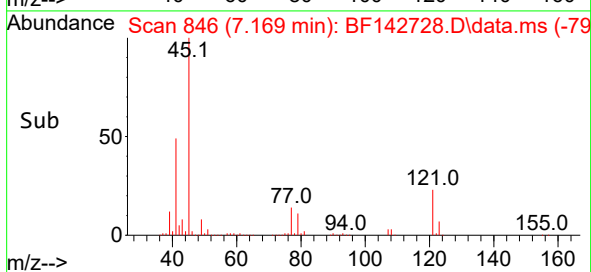
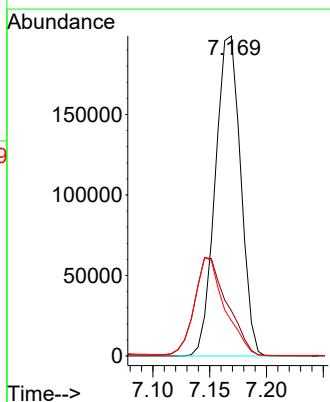
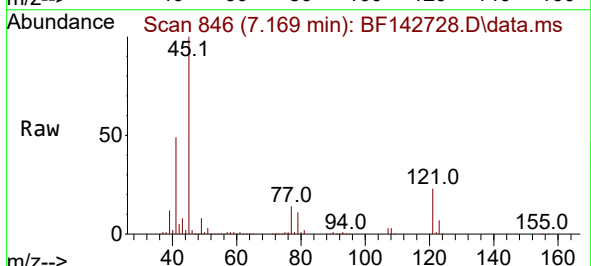
Manual Integrations  
APPROVED

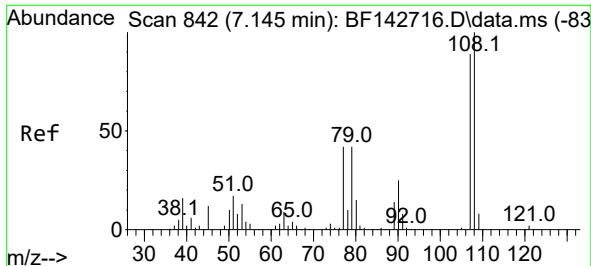
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.774 ng  
RT: 7.169 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

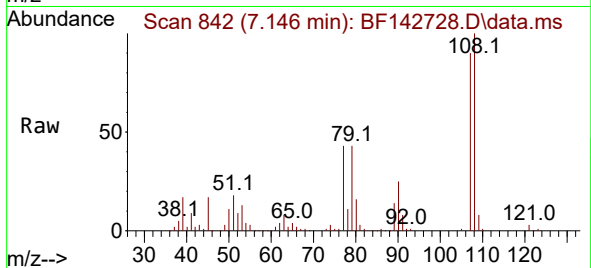
Tgt Ion: 45 Resp: 308921  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 33.1  
79 11.1 0.0 30.5





#17  
2-Methylphenol  
Concen: 46.210 ng  
RT: 7.146 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

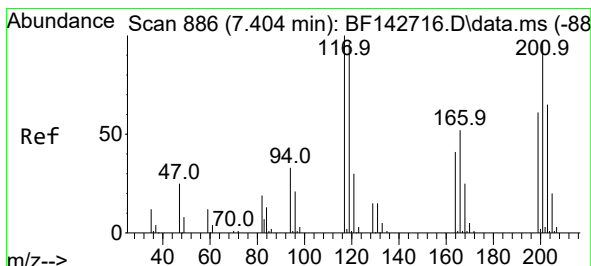
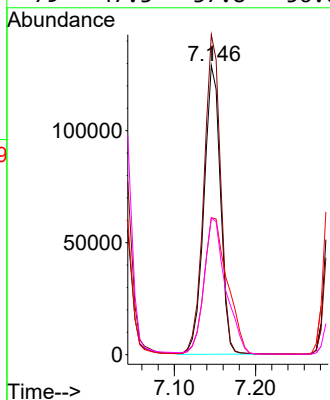
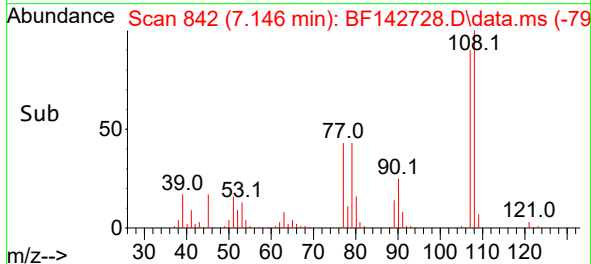
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



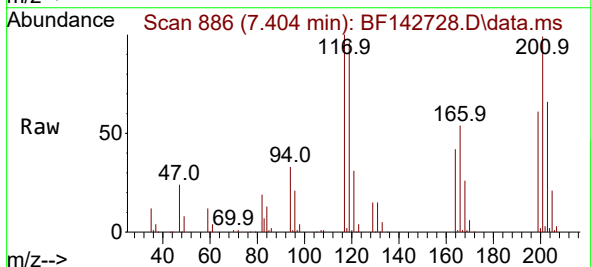
Tgt Ion:107 Resp: 181748  
Ion Ratio Lower Upper  
107 100  
108 110.7 90.0 135.0  
77 47.4 38.2 57.2  
79 47.3 37.8 56.6

Manual Integrations  
APPROVED

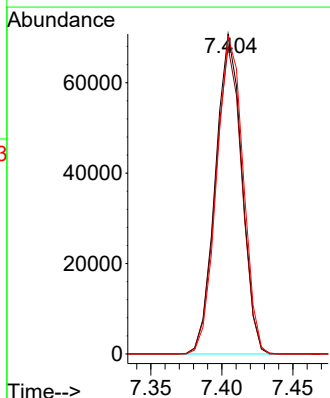
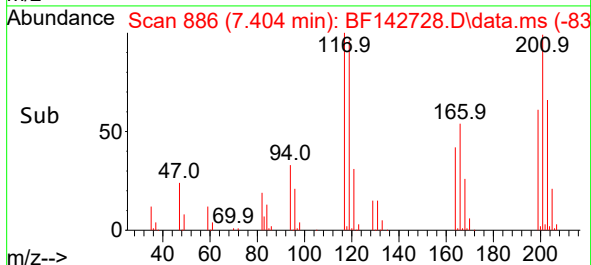
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

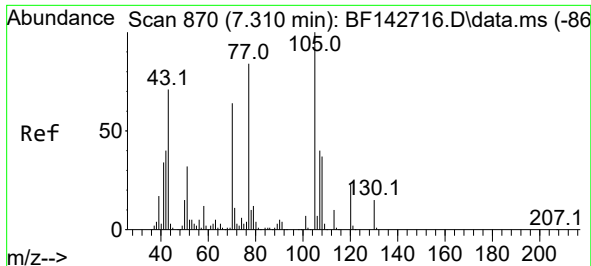


#18  
Hexachloroethane  
Concen: 43.071 ng  
RT: 7.404 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



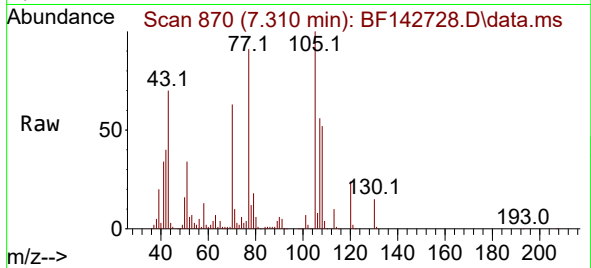
Tgt Ion:117 Resp: 91334  
Ion Ratio Lower Upper  
117 100  
119 96.1 76.4 114.6  
201 99.2 77.8 116.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.589 ng  
RT: 7.310 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

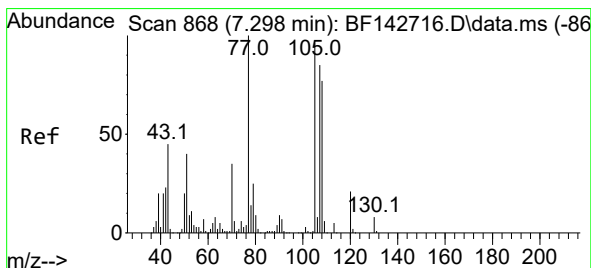
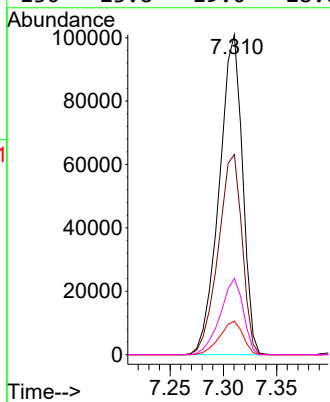
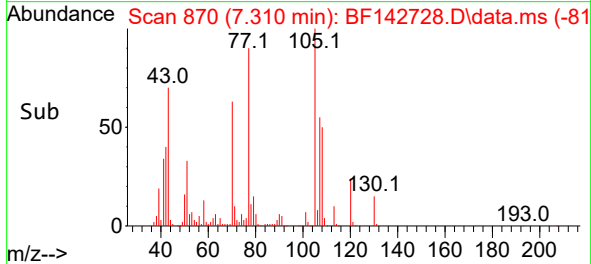
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



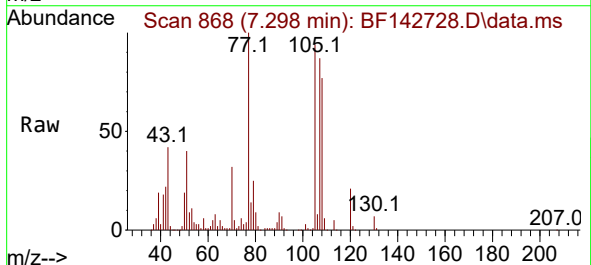
Tgt Ion: 70 Resp: 15331  
Ion Ratio Lower Upper  
70 100  
42 62.5 50.2 75.4  
101 10.5 8.3 12.5  
130 23.8 19.0 28.6

Manual Integrations  
APPROVED

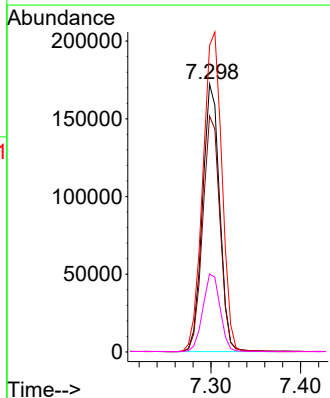
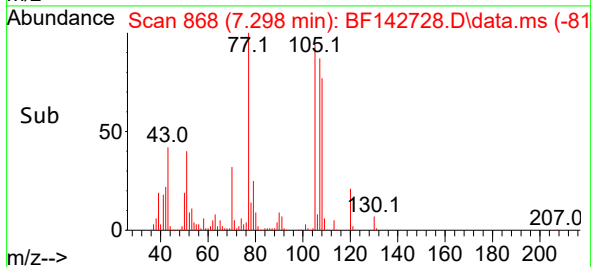
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

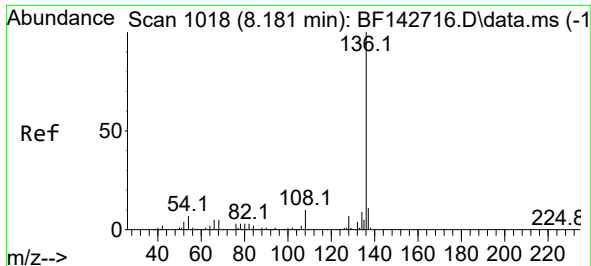


#20  
3+4-Methylphenols  
Concen: 46.057 ng  
RT: 7.298 min Scan# 868  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



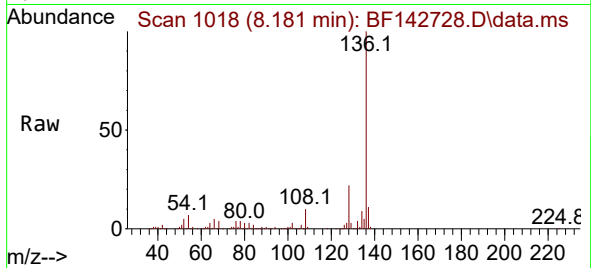
Tgt Ion:107 Resp: 228375  
Ion Ratio Lower Upper  
107 100  
108 88.1 69.9 109.9  
77 114.3 97.4 137.4  
79 29.1 9.4 49.4





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

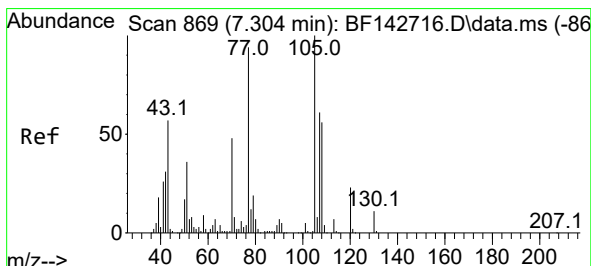
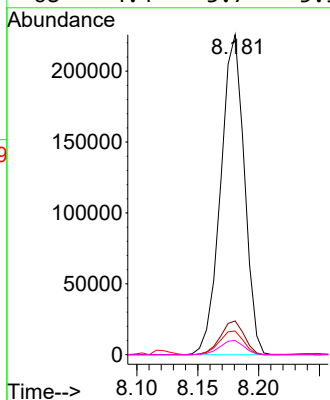
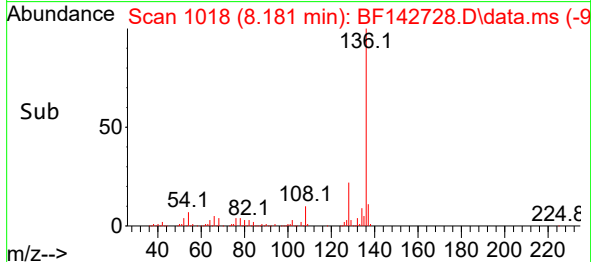
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



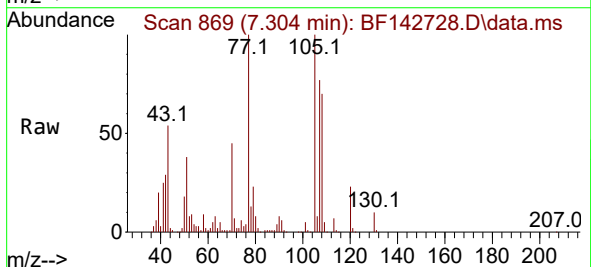
Tgt Ion:136 Resp: 30465  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.7 13.1  
54 7.4 5.9 8.9  
68 4.4 3.7 5.5

Manual Integrations  
APPROVED

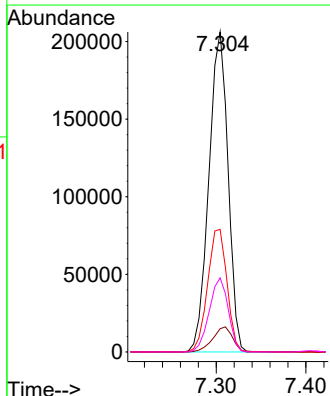
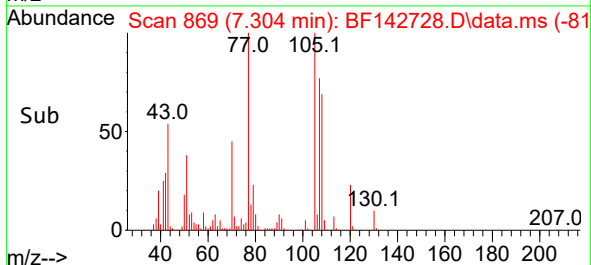
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

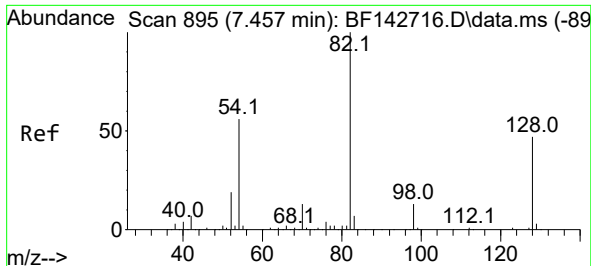


#22  
Acetophenone  
Concen: 45.131 ng  
RT: 7.304 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



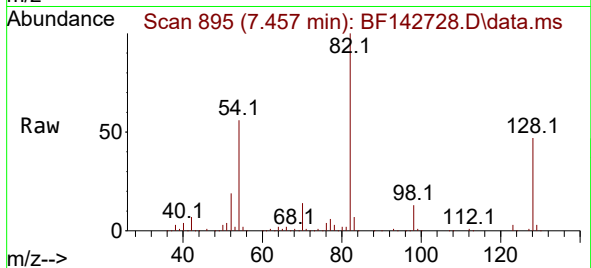
Tgt Ion:105 Resp: 305840  
Ion Ratio Lower Upper  
105 100  
71 7.2 6.4 9.6  
51 38.3 29.1 43.7  
120 23.1 18.3 27.5





#23  
Nitrobenzene-d5  
Concen: 79.449 ng  
RT: 7.457 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

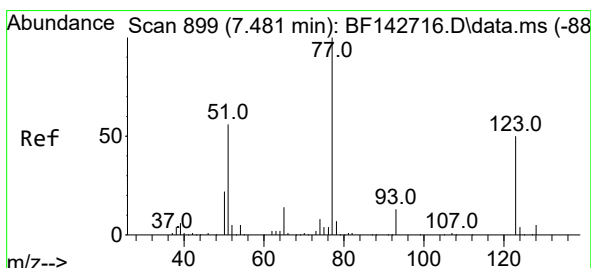
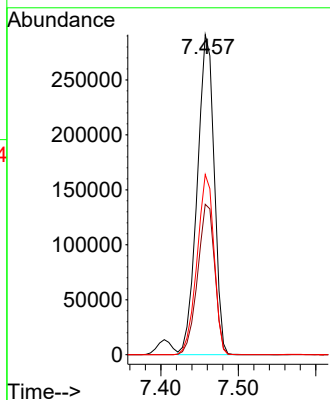
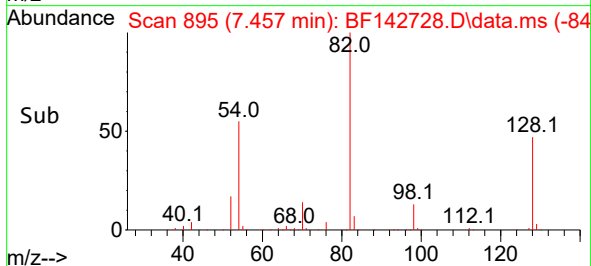
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



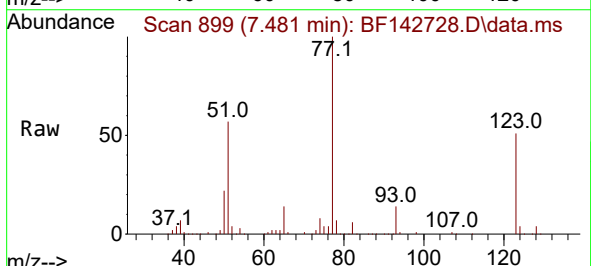
Tgt Ion: 82 Resp: 44227  
Ion Ratio Lower Upper  
82 100  
128 47.0 37.8 56.8  
54 56.3 44.9 67.3

Manual Integrations  
APPROVED

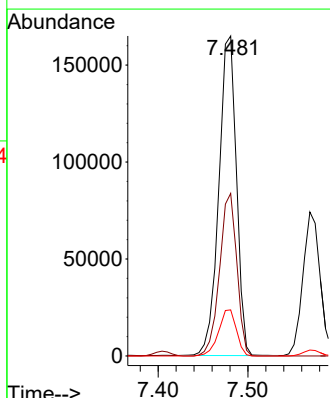
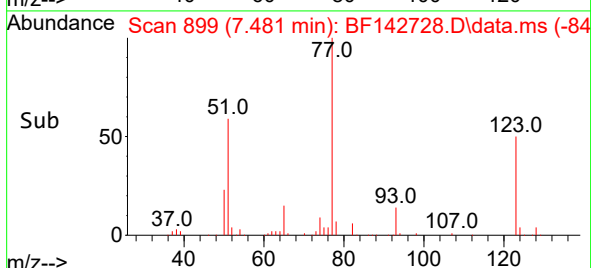
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

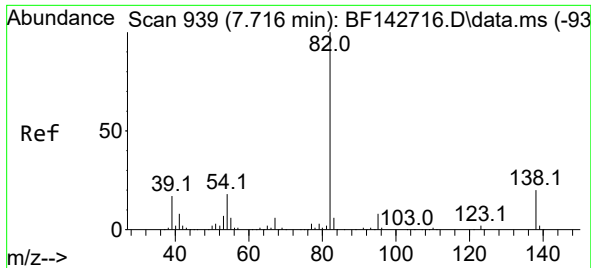


#24  
Nitrobenzene  
Concen: 45.417 ng  
RT: 7.481 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion: 77 Resp: 224388  
Ion Ratio Lower Upper  
77 100  
123 50.8 40.8 61.2  
65 14.4 11.5 17.3





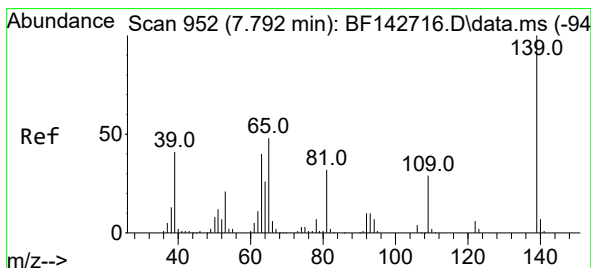
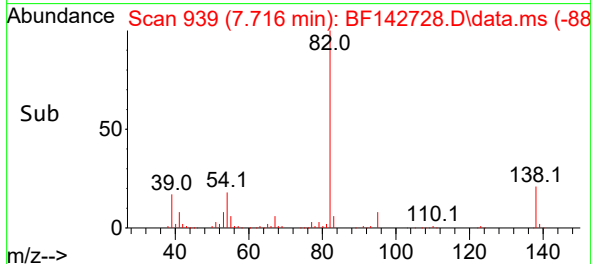
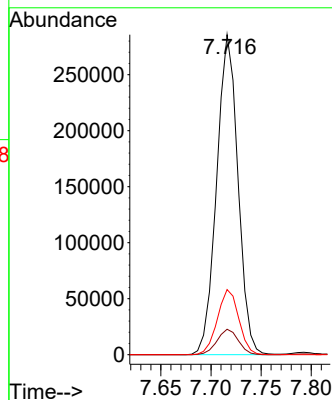
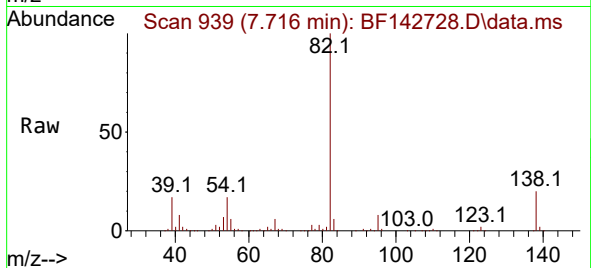
#25  
Isophorone  
Concen: 44.759 ng  
RT: 7.716 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD

Tgt Ion: 82 Resp: 421864  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.0 9.0  
138 20.4 15.8 23.6

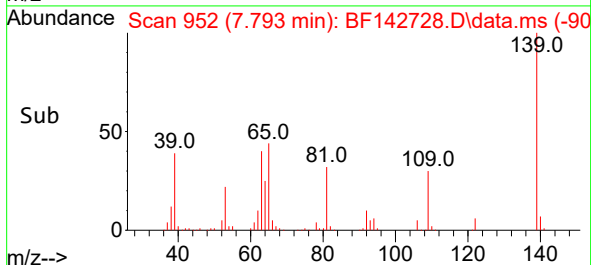
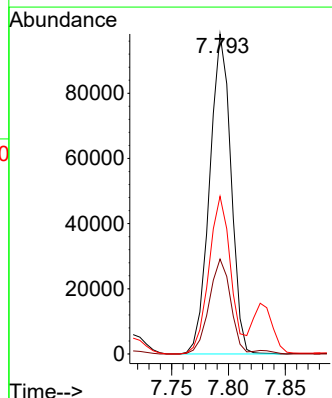
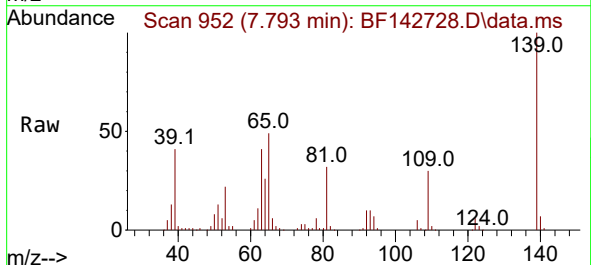
Manual Integrations  
APPROVED

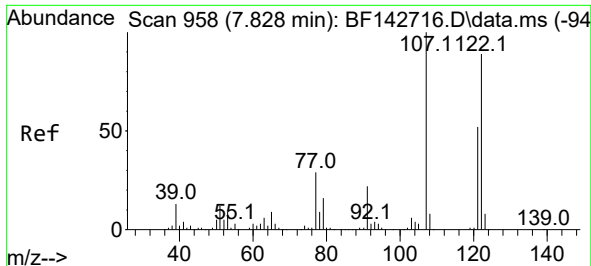
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#26  
2-Nitrophenol  
Concen: 46.469 ng  
RT: 7.793 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Tgt Ion:139 Resp: 128129  
Ion Ratio Lower Upper  
139 100  
109 29.7 23.4 35.2  
65 49.3 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 46.303 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD

Tgt Ion:122 Resp: 217370

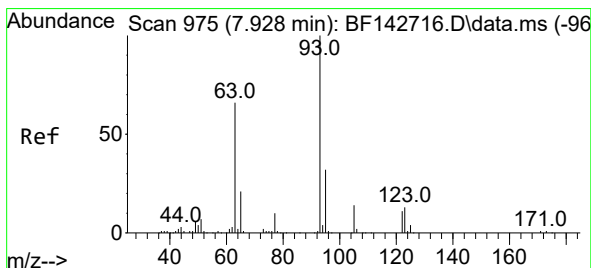
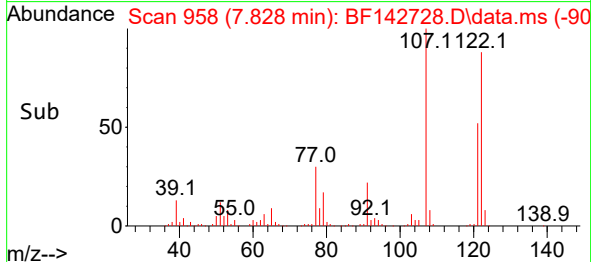
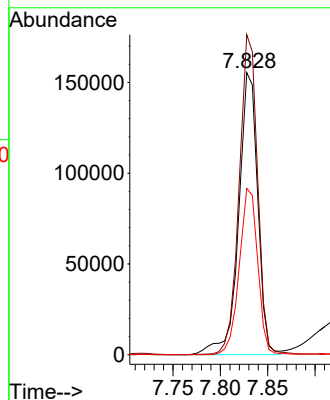
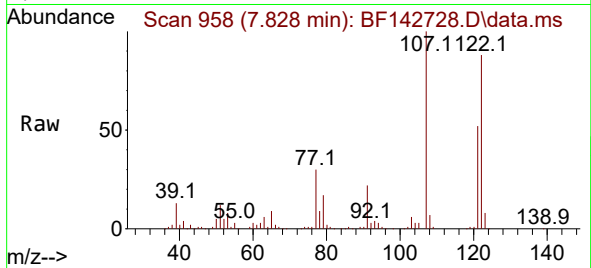
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 113.4 | 90.4  | 135.6 |
| 121 | 58.9  | 46.9  | 70.3  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.231 ng

RT: 7.928 min Scan# 975

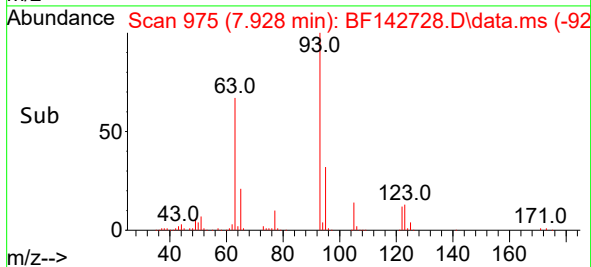
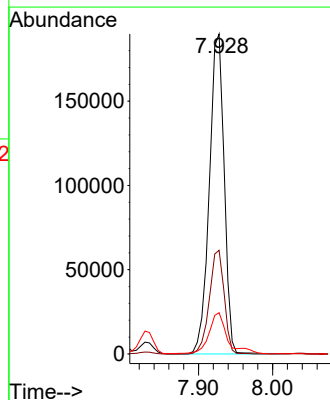
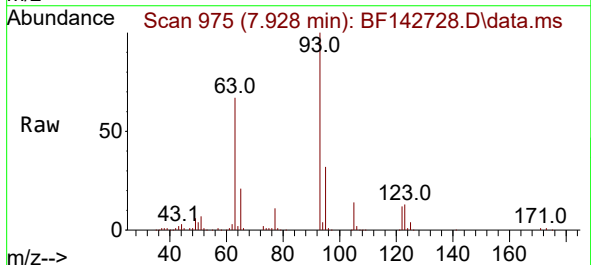
Delta R.T. 0.000 min

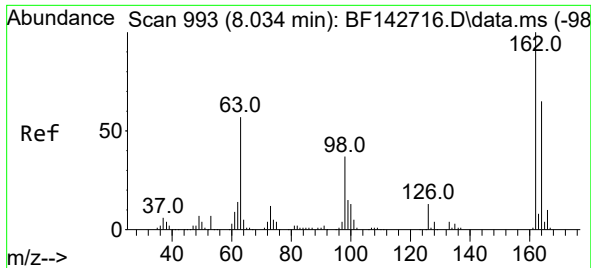
Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Tgt Ion: 93 Resp: 264684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.4  | 25.9  | 38.9  |
| 123 | 12.9  | 10.3  | 15.5  |





#29

2,4-Dichlorophenol

Concen: 47.097 ng

RT: 8.040 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

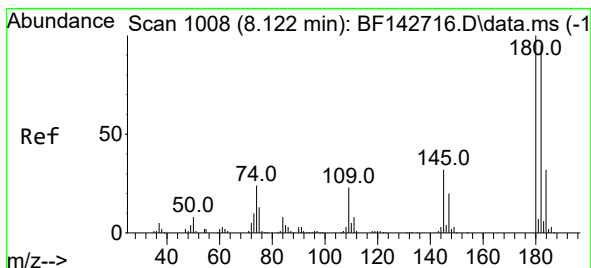
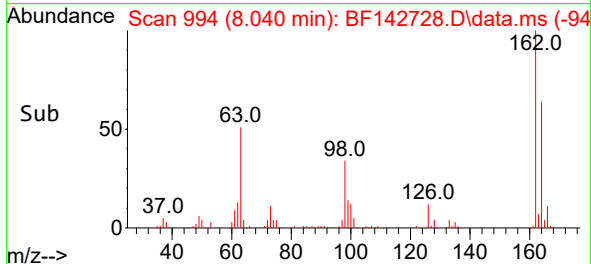
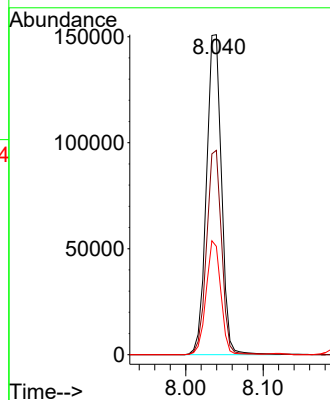
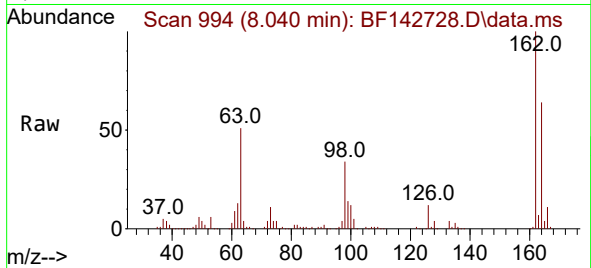
PB168285BSD

|             |             |
|-------------|-------------|
| Tgt Ion:162 | Resp: 20404 |
| Ion Ratio   | Lower Upper |
| 162 100     |             |
| 164 63.9    | 45.1 85.1   |
| 98 33.9     | 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: 45.139 ng

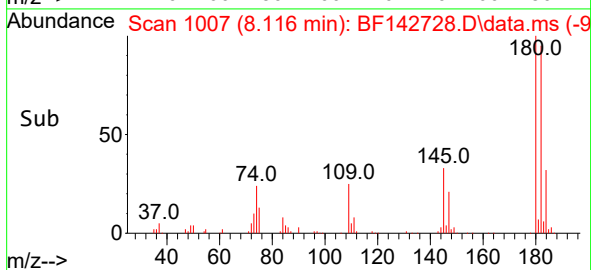
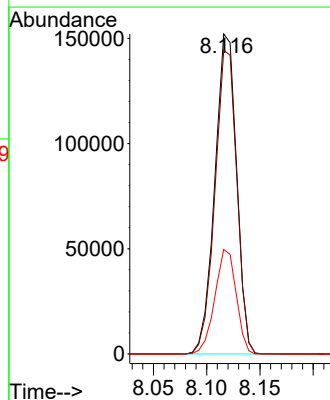
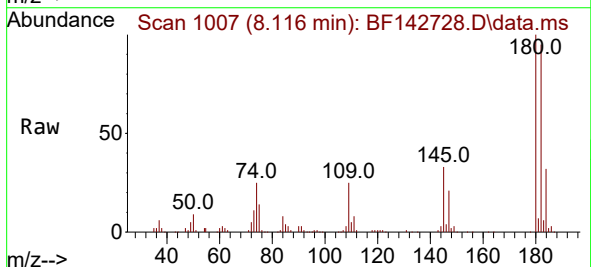
RT: 8.116 min Scan# 1007

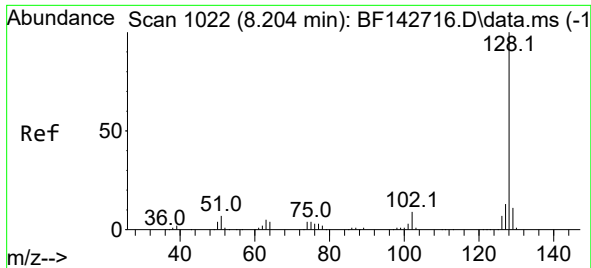
Delta R.T. -0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

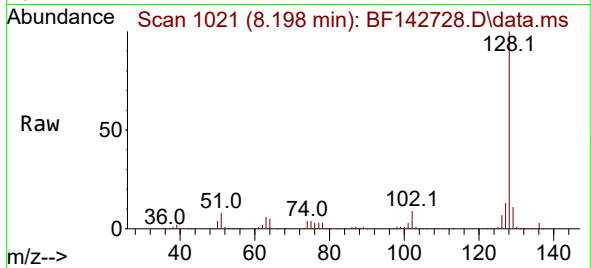
|             |              |
|-------------|--------------|
| Tgt Ion:180 | Resp: 216097 |
| Ion Ratio   | Lower Upper  |
| 180 100     |              |
| 182 94.9    | 75.9 113.9   |
| 145 32.7    | 25.7 38.5    |





#31  
Naphthalene  
Concen: 44.765 ng  
RT: 8.198 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

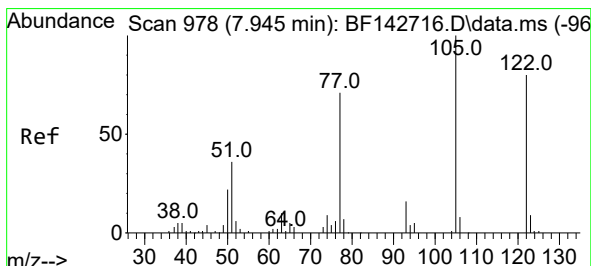
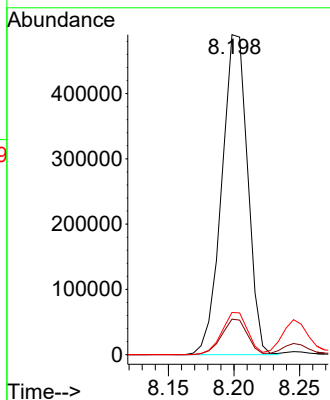
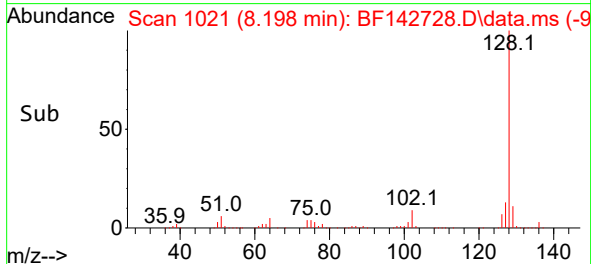
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



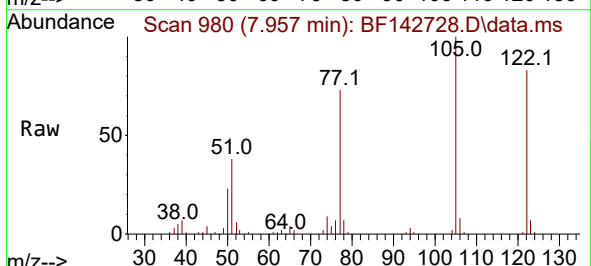
Tgt Ion:128 Resp: 674474  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.2 10.4 15.6

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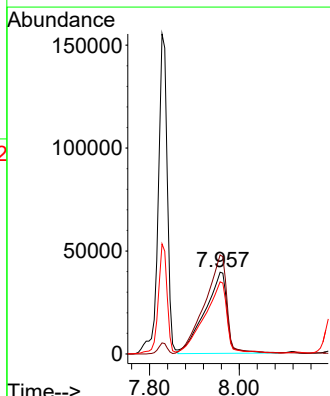
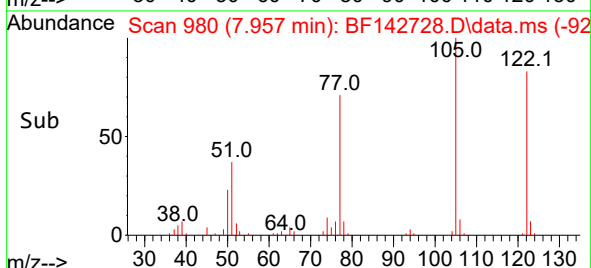
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

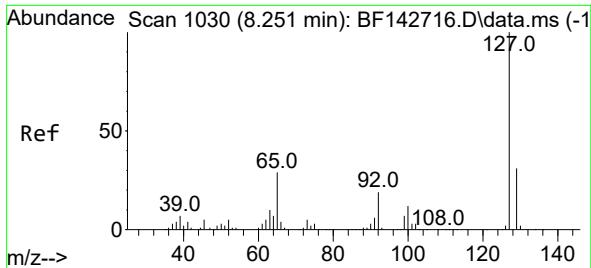


#32  
Benzoic acid  
Concen: 51.676 ng  
RT: 7.957 min Scan# 980  
Delta R.T. 0.012 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:122 Resp: 136622  
Ion Ratio Lower Upper  
122 100  
105 121.2 102.6 142.6  
77 88.3 68.2 108.2





#33  
4-Chloroaniline  
Concen: 14.357 ng  
RT: 8.245 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

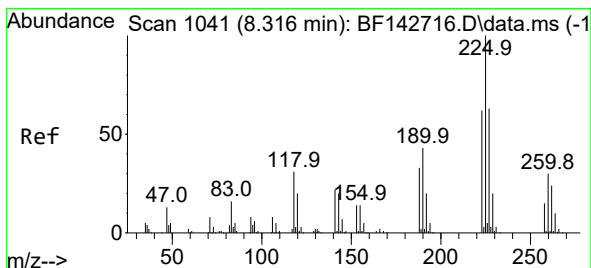
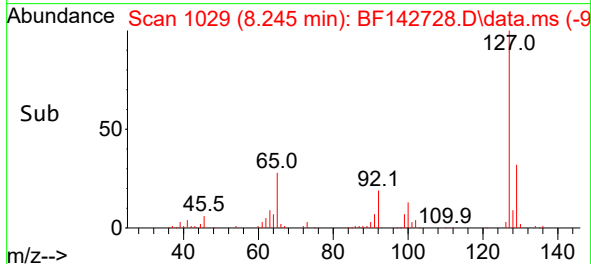
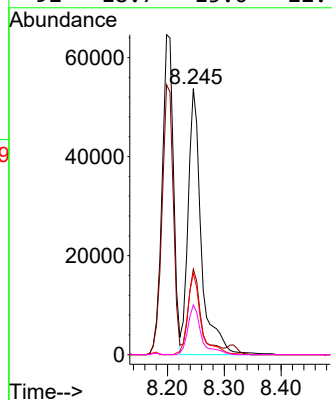
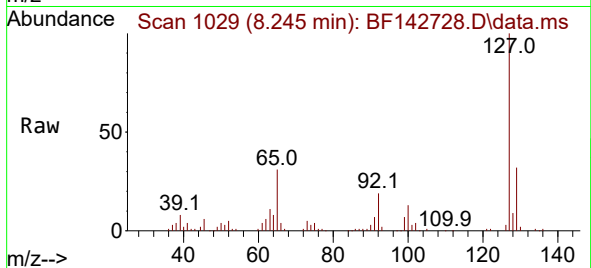
PB168285BSD

Tgt Ion:127 Resp: 86850  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.6 38.4  
65 30.5 23.0 34.4  
92 18.7 15.0 22.4

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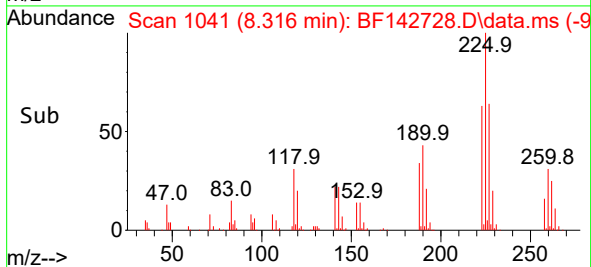
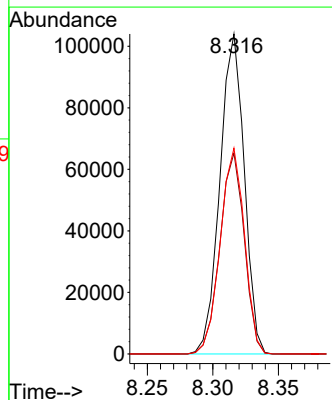
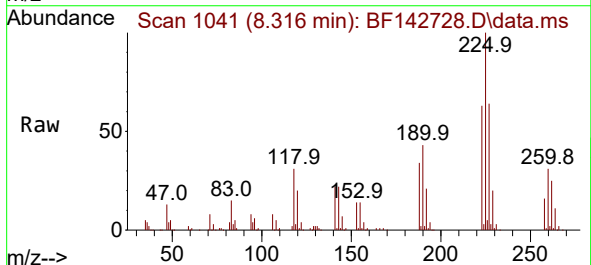
APPROVED

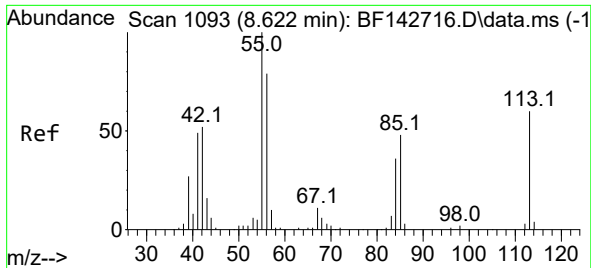
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#34  
Hexachlorobutadiene  
Concen: 43.926 ng  
RT: 8.316 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

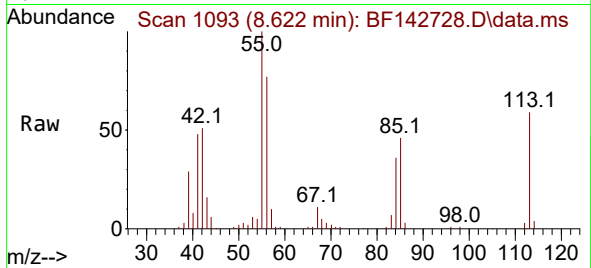
Tgt Ion:225 Resp: 134005  
Ion Ratio Lower Upper  
225 100  
223 62.8 49.3 73.9  
227 64.3 50.6 75.8





#35  
 Caprolactam  
 Concen: 49.858 ng m  
 RT: 8.622 min Scan# 1093  
 Delta R.T. 0.000 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50

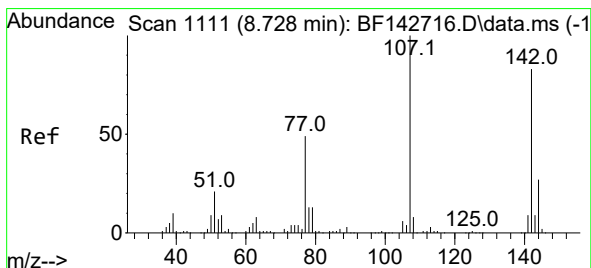
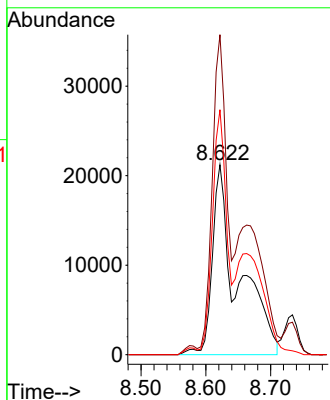
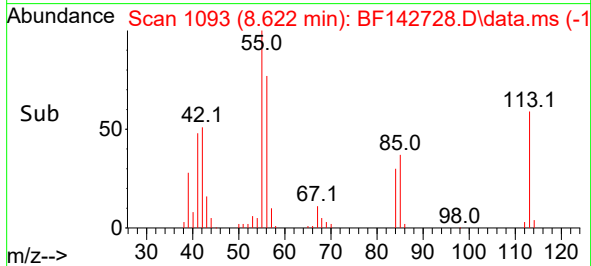
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168285BSD



Tgt Ion:113 Resp: 5830  
 Ion Ratio Lower Upper  
 113 100  
 55 168.5 147.9 187.9  
 56 129.0 111.9 151.9

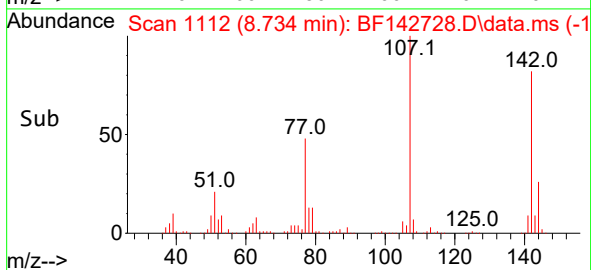
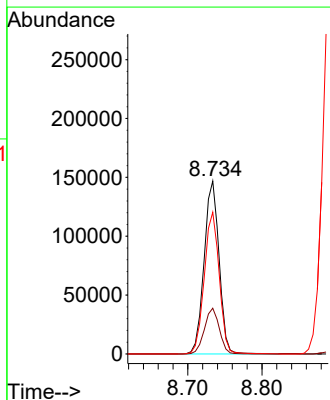
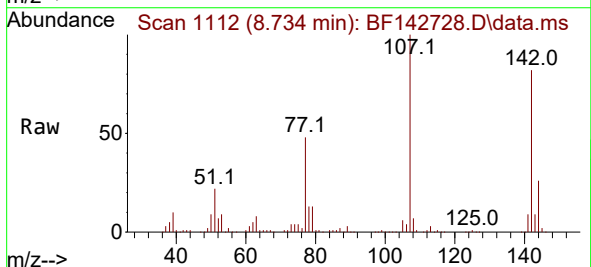
Manual Integrations  
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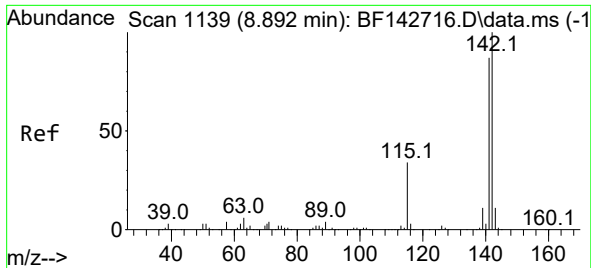
Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.766 ng  
 RT: 8.734 min Scan# 1112  
 Delta R.T. 0.006 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50

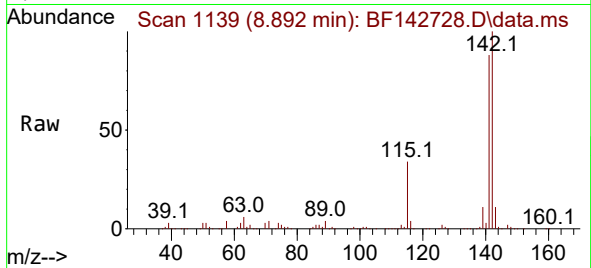
Tgt Ion:107 Resp: 206170  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 21.3 31.9  
 142 82.0 66.2 99.2





#37  
2-Methylnaphthalene  
Concen: 44.895 ng  
RT: 8.892 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

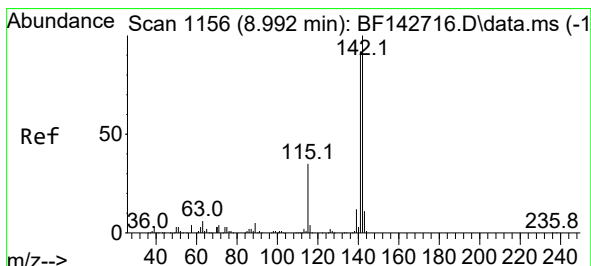
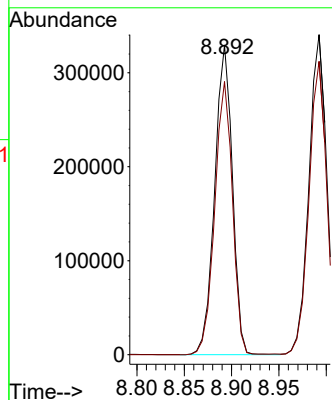
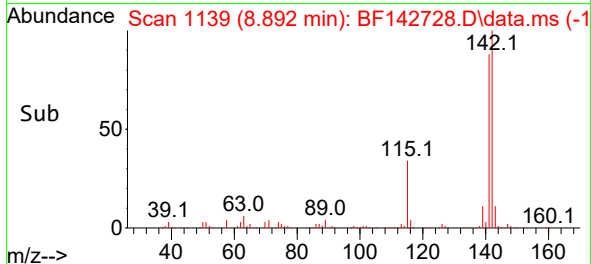
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



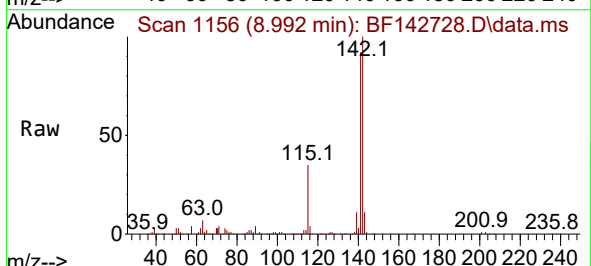
Tgt Ion:142 Resp: 428144  
Ion Ratio Lower Upper  
142 100  
141 88.2 69.9 104.9

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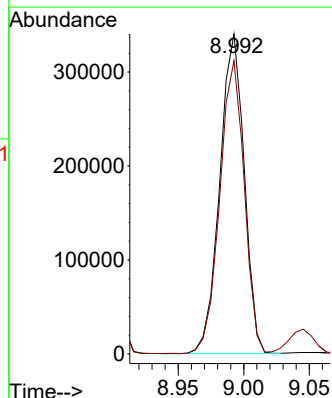
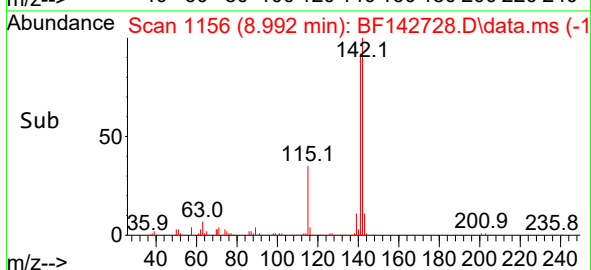
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

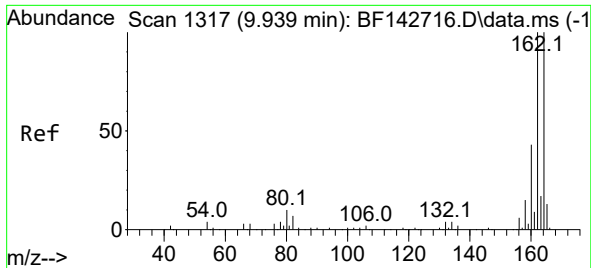


#38  
1-Methylnaphthalene  
Concen: 44.655 ng  
RT: 8.992 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:142 Resp: 441163  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142728.D

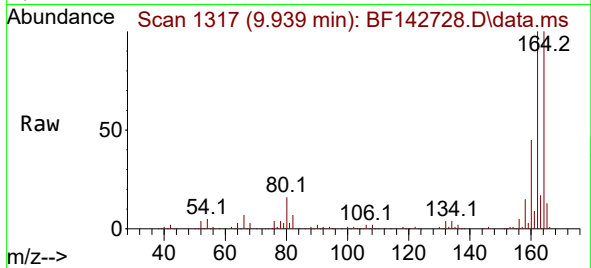
Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD



Tgt Ion:164 Resp: 167580

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

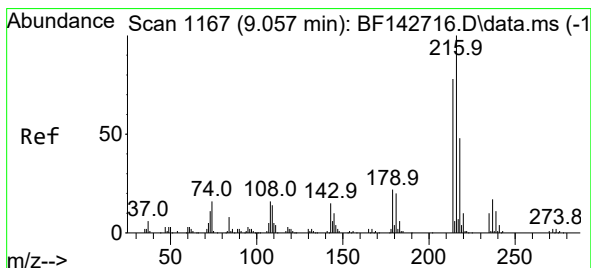
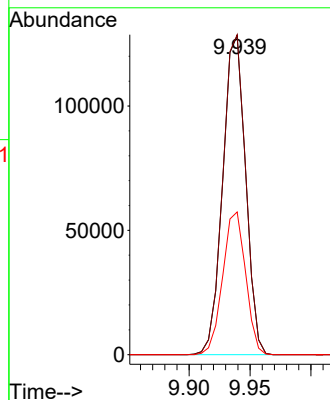
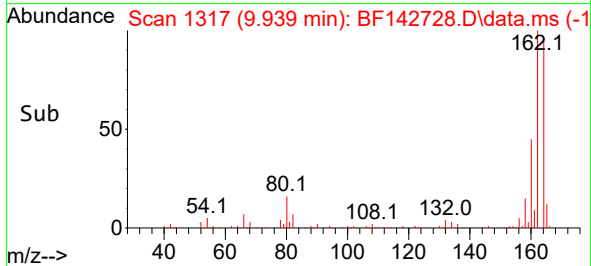
160 44.7 34.8 52.2

Manual Integrations

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Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.712 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Tgt Ion:216 Resp: 216872

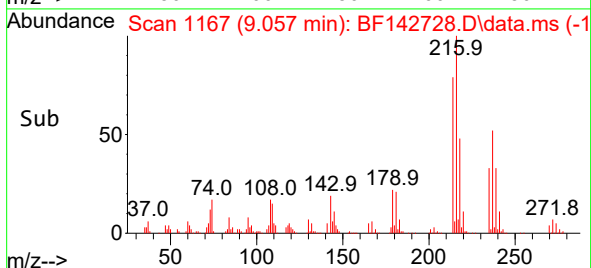
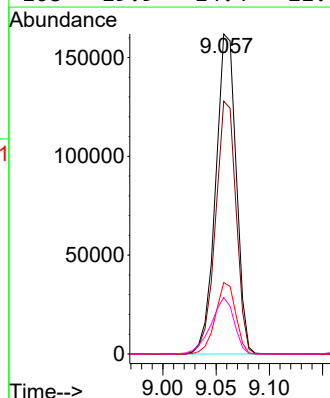
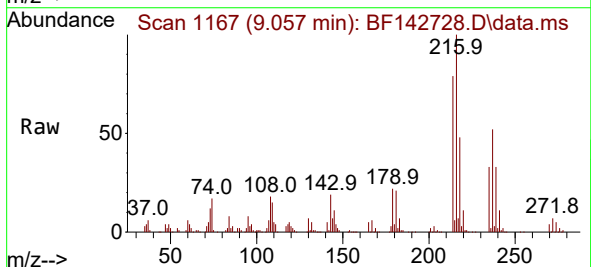
Ion Ratio Lower Upper

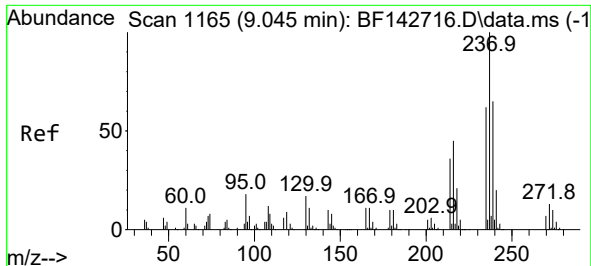
216 100

214 78.8 62.6 94.0

179 21.9 17.1 25.7

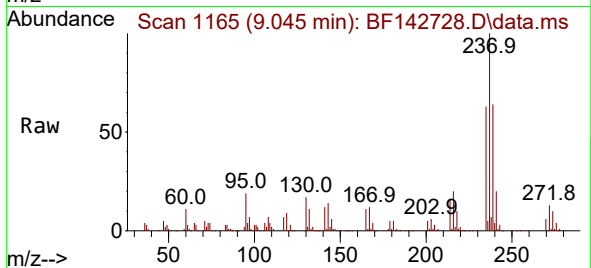
108 19.9 14.4 21.6





#41  
Hexachlorocyclopentadiene  
Concen: 94.162 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

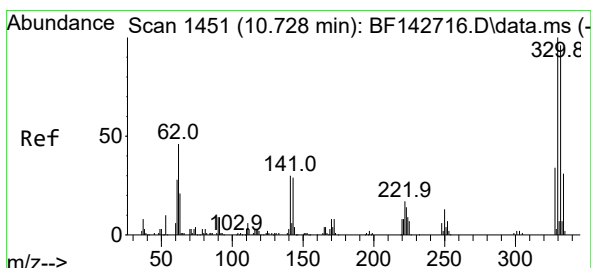
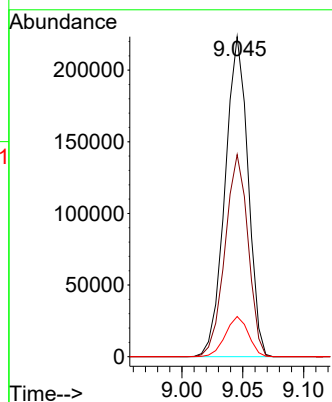
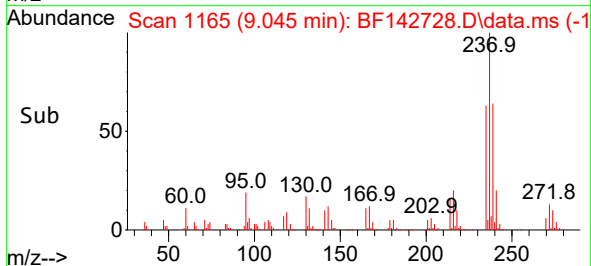
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



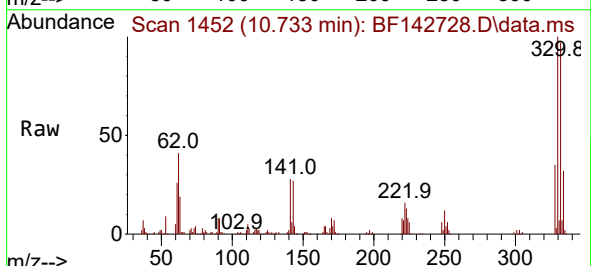
Tgt Ion:237 Resp: 293138  
Ion Ratio Lower Upper  
237 100  
235 63.2 41.9 81.9  
272 12.5 0.0 32.5

Manual Integrations  
APPROVED

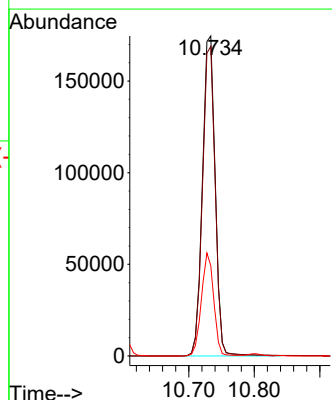
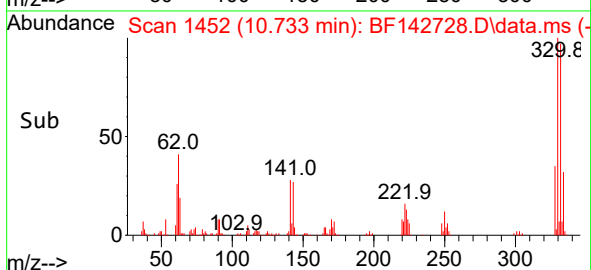
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

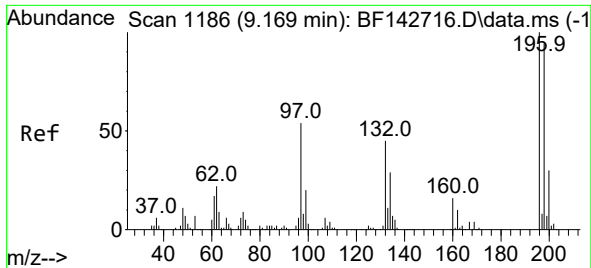


#42  
2,4,6-Tribromophenol  
Concen: 128.920 ng  
RT: 10.733 min Scan# 1452  
Delta R.T. 0.005 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



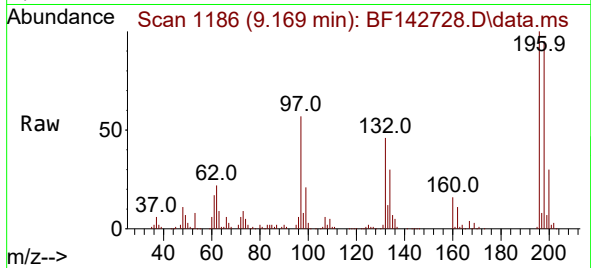
Tgt Ion:330 Resp: 236790  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.0 115.6  
141 31.1 25.4 38.0





#43  
2,4,6-Trichlorophenol  
Concen: 47.231 ng  
RT: 9.169 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

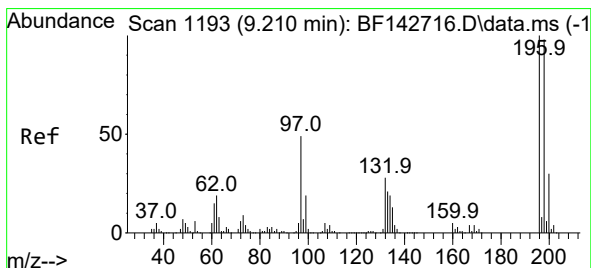
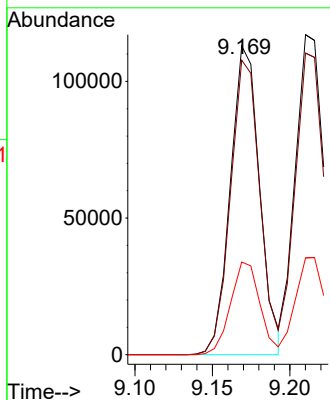
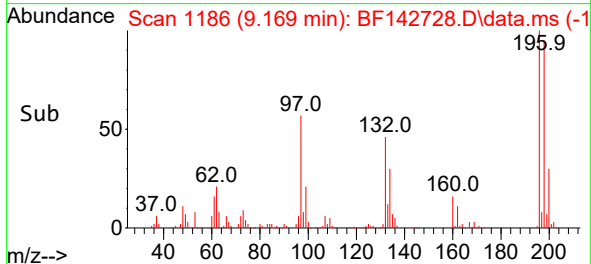
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



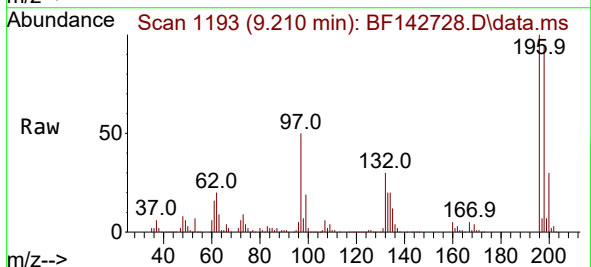
Tgt Ion:196 Resp: 148294  
Ion Ratio Lower Upper  
196 100  
198 95.4 75.5 113.3  
200 30.0 23.8 35.8

Manual Integrations  
APPROVED

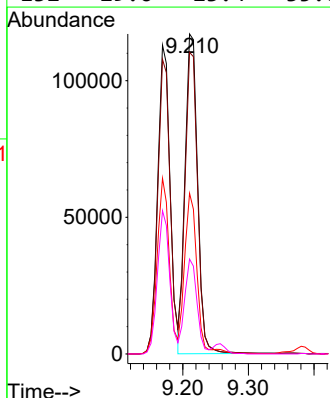
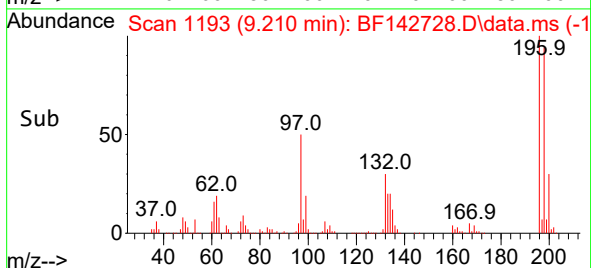
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

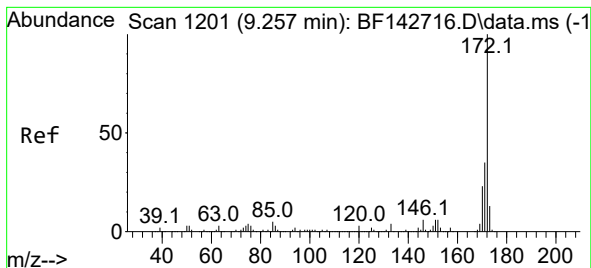


#44  
2,4,5-Trichlorophenol  
Concen: 45.944 ng  
RT: 9.210 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:196 Resp: 155805  
Ion Ratio Lower Upper  
196 100  
198 94.3 78.2 117.2  
97 50.2 38.6 57.8  
132 29.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 77.646 ng

RT: 9.257 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF142728.D

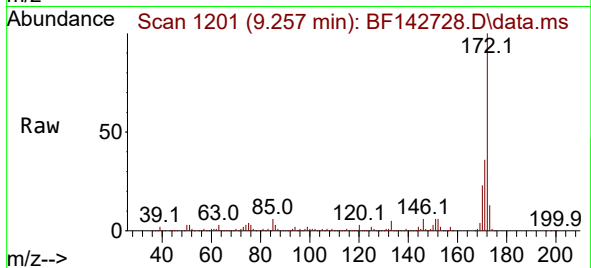
Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD



Tgt Ion:172 Resp: 97944

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

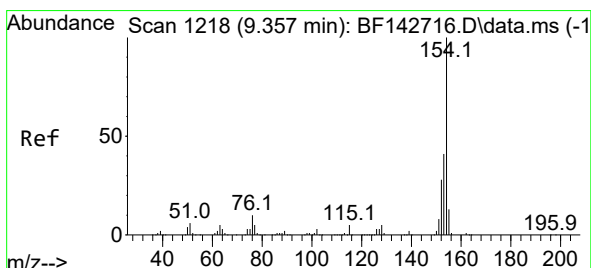
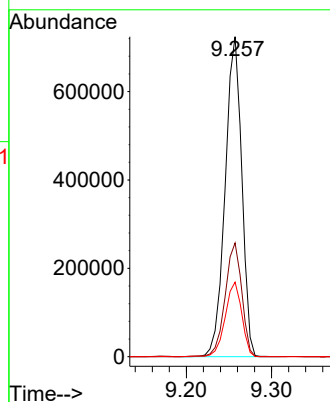
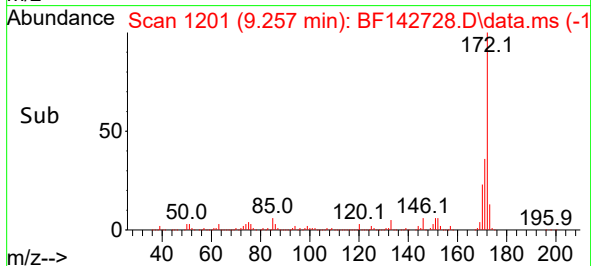
170 23.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#46

1,1'-Biphenyl

Concen: 45.042 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

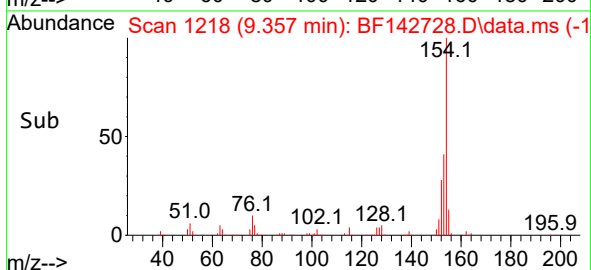
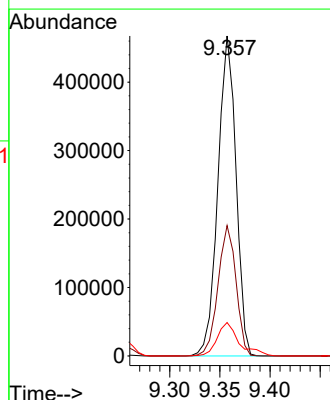
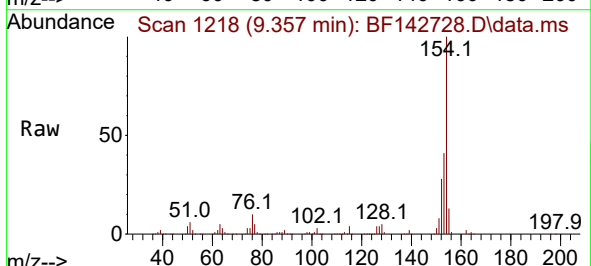
Tgt Ion:154 Resp: 586146

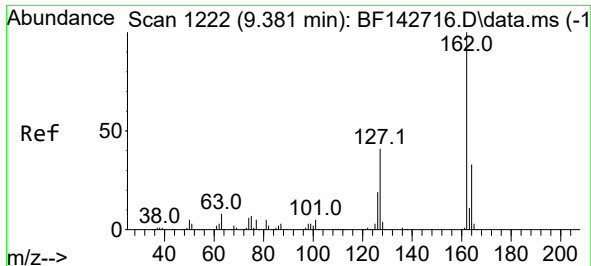
Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

76 10.5 0.0 30.2





#47

2-Chloronaphthalene

Concen: 45.287 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

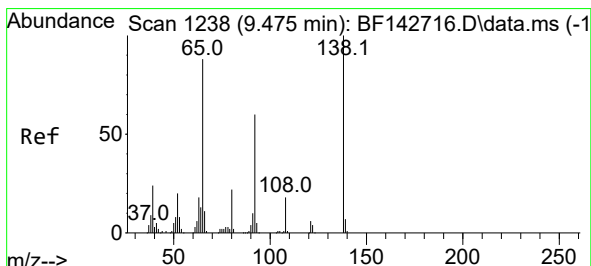
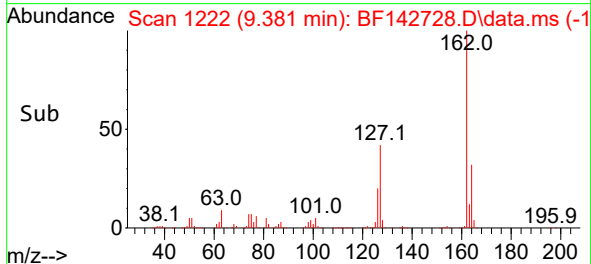
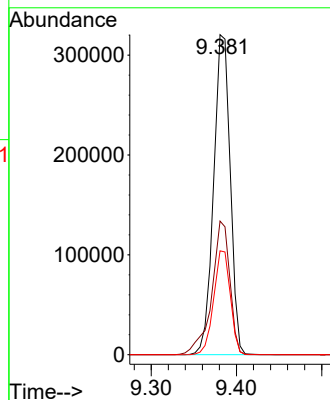
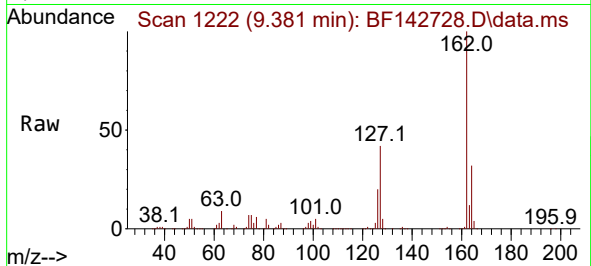
PB168285BSD

Tgt Ion:162 Resp: 434170  
 Ion Ratio Lower Upper  
 162 100  
 127 41.8 33.5 50.3  
 164 32.5 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: 45.415 ng

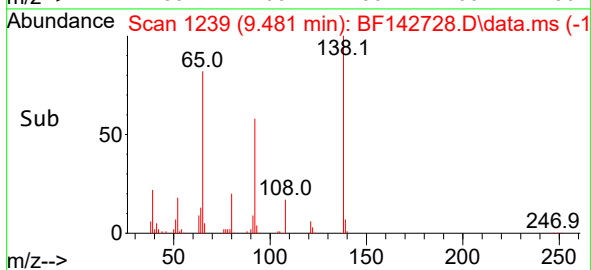
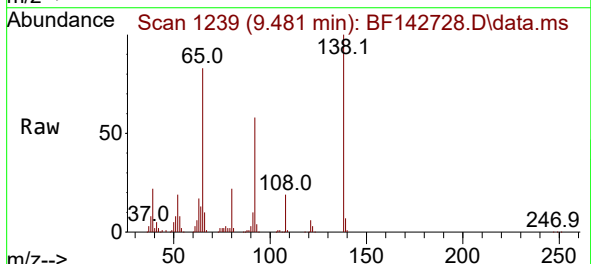
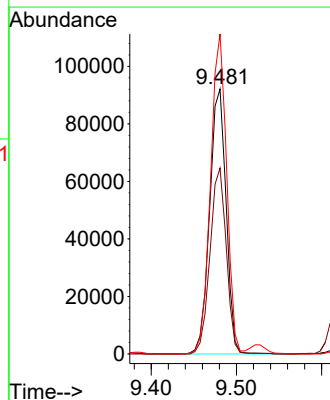
RT: 9.481 min Scan# 1239

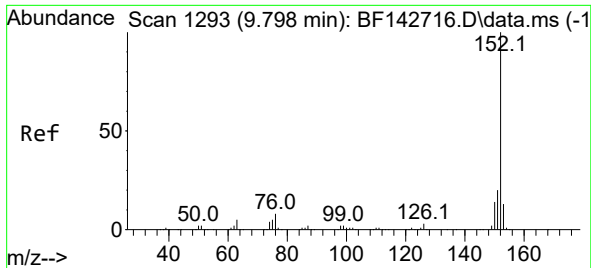
Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

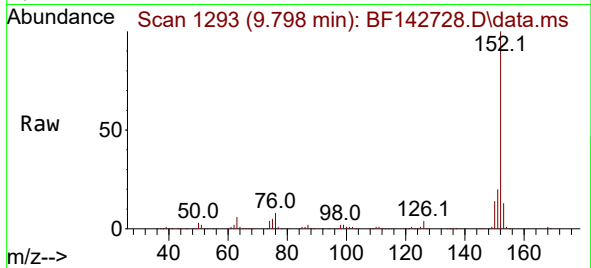
Tgt Ion: 65 Resp: 123837  
 Ion Ratio Lower Upper  
 65 100  
 92 70.2 54.5 81.7  
 138 120.8 90.6 136.0





#49  
Acenaphthylene  
Concen: 45.406 ng  
RT: 9.798 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

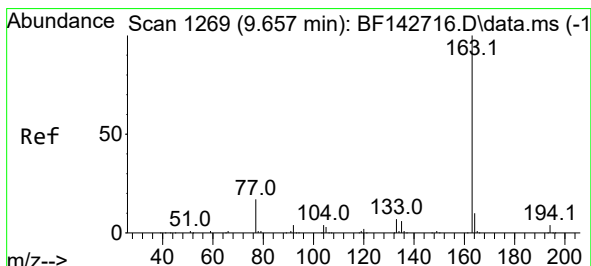
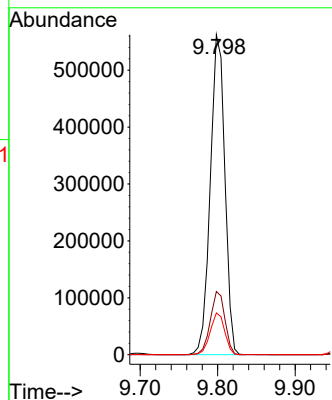
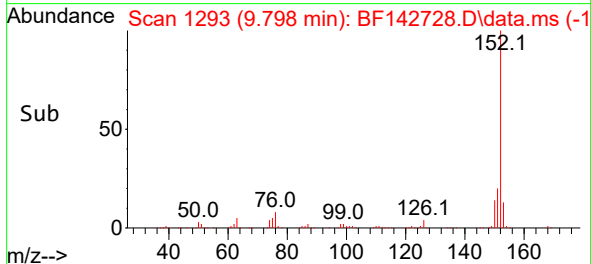
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



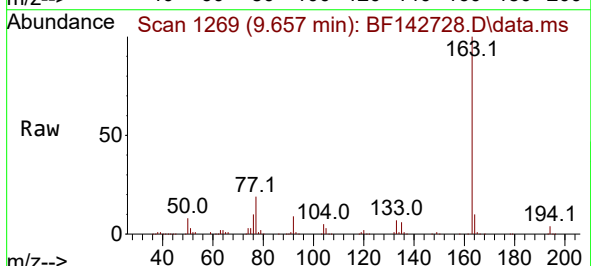
Tgt Ion:152 Resp: 733990  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.6  
153 13.0 10.5 15.7

Manual Integrations  
APPROVED

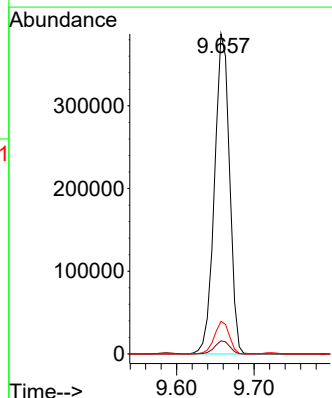
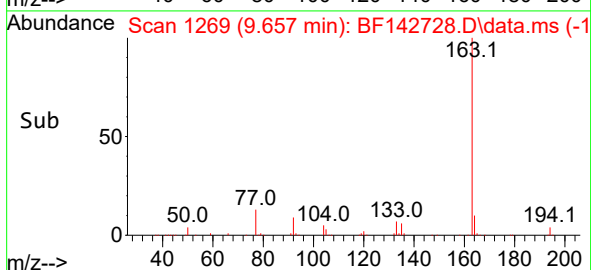
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

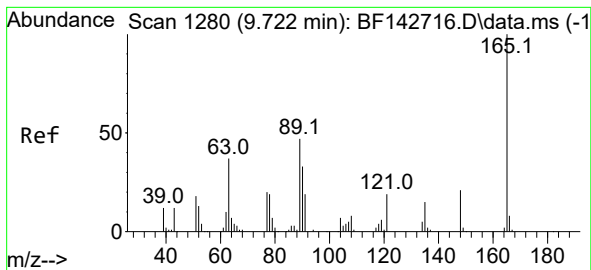


#50  
Dimethylphthalate  
Concen: 46.646 ng  
RT: 9.657 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



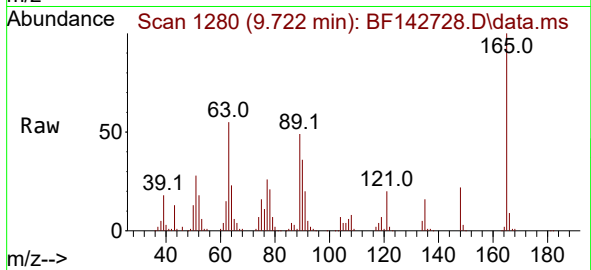
Tgt Ion:163 Resp: 522022  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.2 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 46.122 ng  
RT: 9.722 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

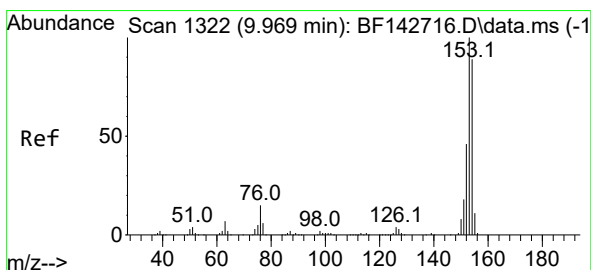
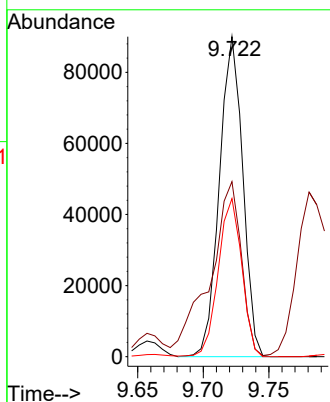
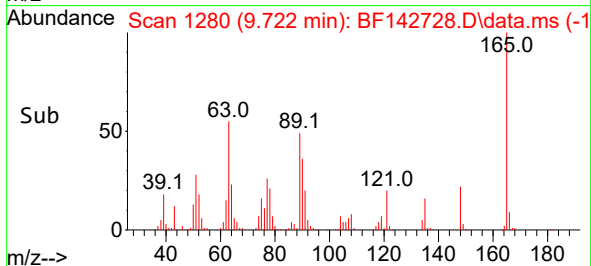
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



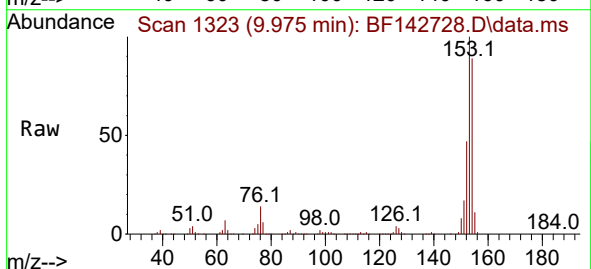
Tgt Ion:165 Resp: 111554  
Ion Ratio Lower Upper  
165 100  
63 54.7 40.6 60.8  
89 49.4 37.6 56.4

Manual Integrations  
APPROVED

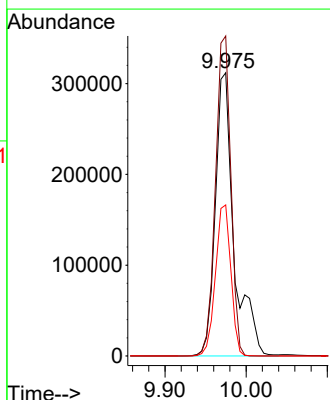
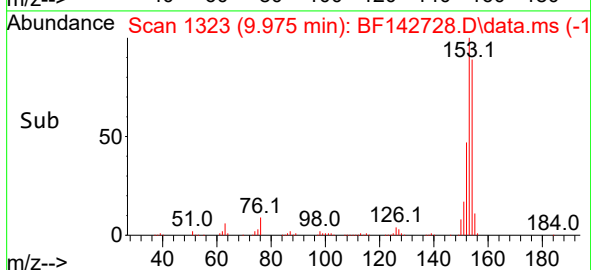
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

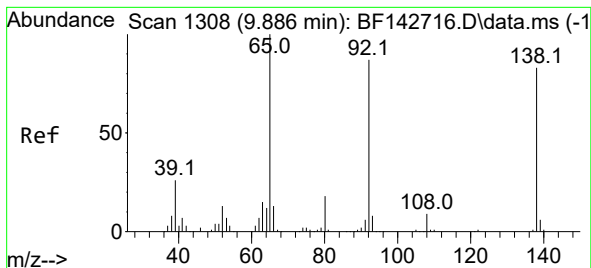


#52  
Acenaphthene  
Concen: 49.852 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



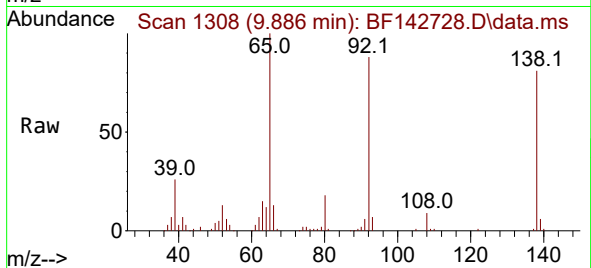
Tgt Ion:154 Resp: 499655  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.1 135.1  
152 53.3 41.9 62.9





#53  
3-Nitroaniline  
Concen: 25.580 ng  
RT: 9.886 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

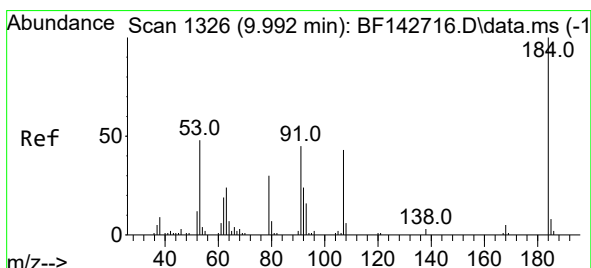
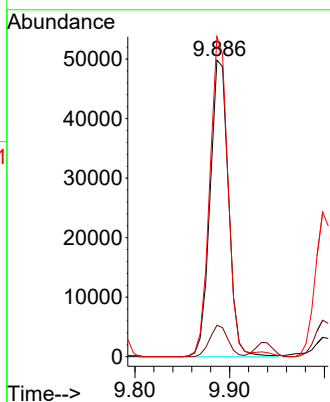
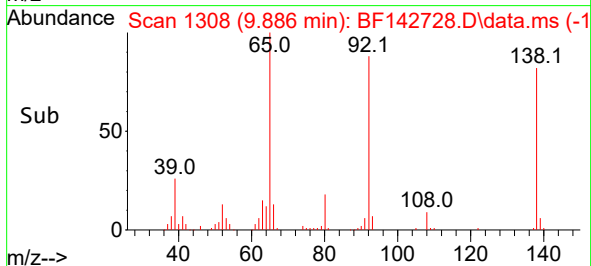
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



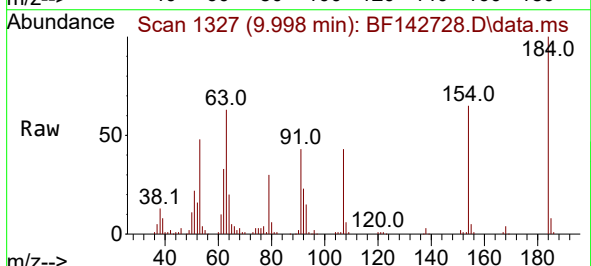
Tgt Ion:138 Resp: 6710  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.3 12.5  
92 107.9 84.6 127.0

Manual Integrations  
APPROVED

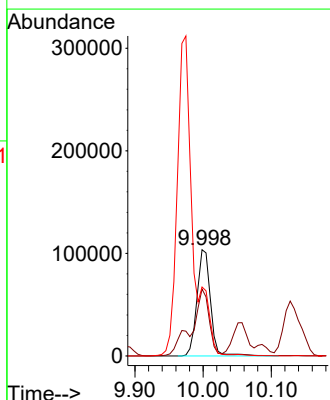
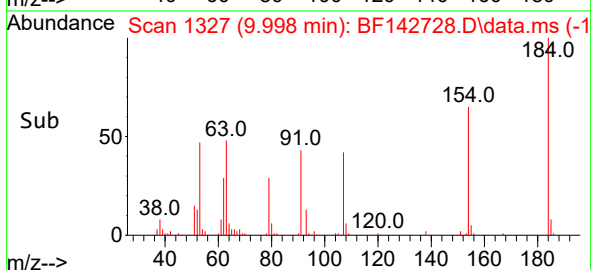
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

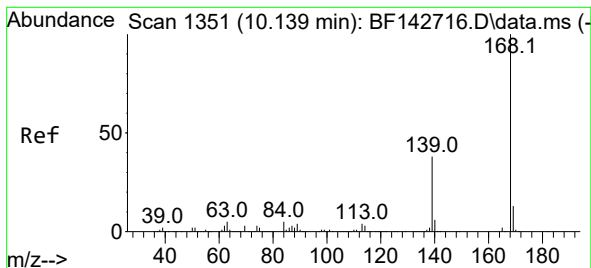


#54  
2,4-Dinitrophenol  
Concen: 107.815 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:184 Resp: 142845  
Ion Ratio Lower Upper  
184 100  
63 63.0 51.7 77.5  
154 65.0 60.1 90.1





#55

Dibenzofuran

Concen: 44.730 ng

RT: 10.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD

Tgt Ion:168 Resp: 638399

Ion Ratio Lower Upper

168 100

139 38.6 30.9 46.3

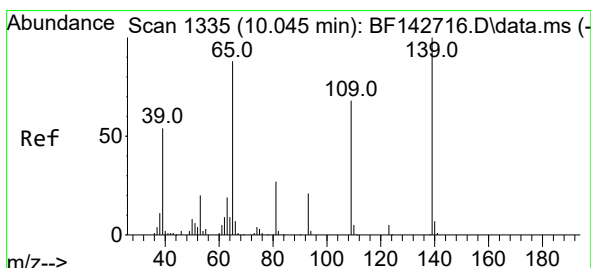
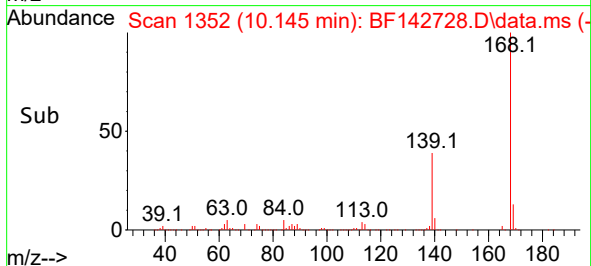
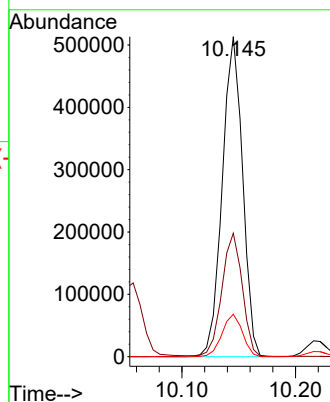
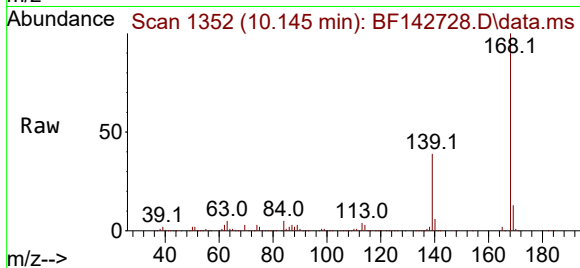
169 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#56

4-Nitrophenol

Concen: 96.918 ng

RT: 10.057 min Scan# 1337

Delta R.T. 0.012 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

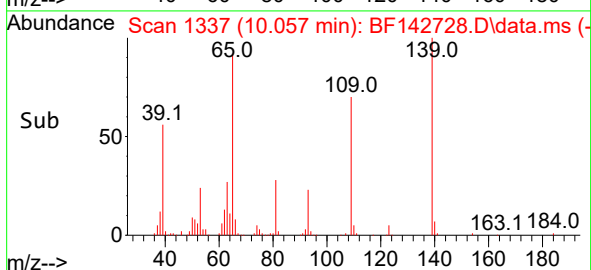
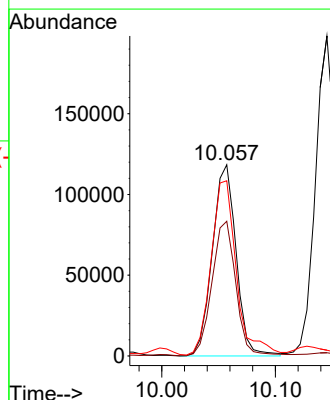
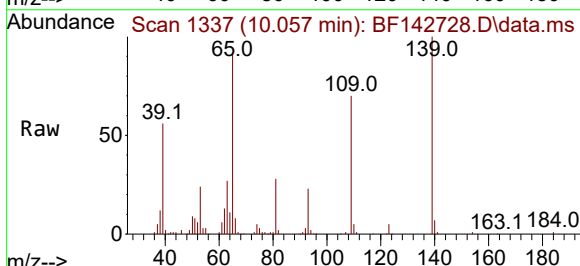
Tgt Ion:139 Resp: 172443

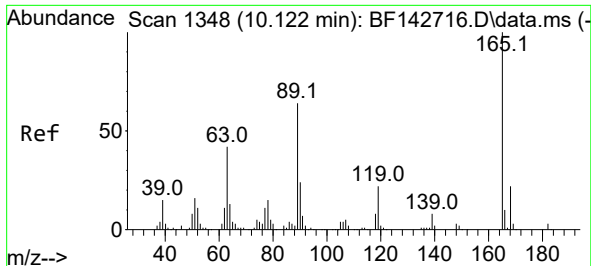
Ion Ratio Lower Upper

139 100

109 70.4 47.5 87.5

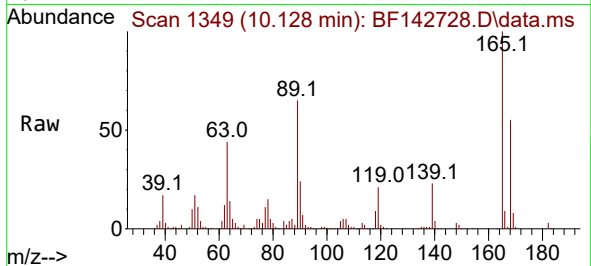
65 91.6 69.2 109.2





#57  
2,4-Dinitrotoluene  
Concen: 47.624 ng  
RT: 10.128 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

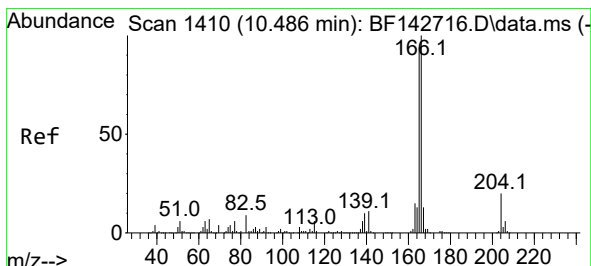
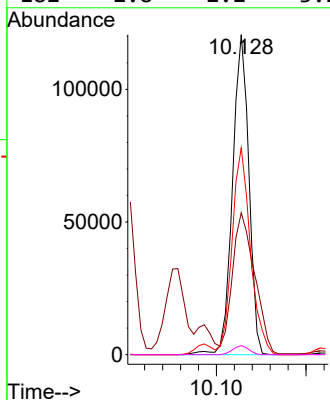
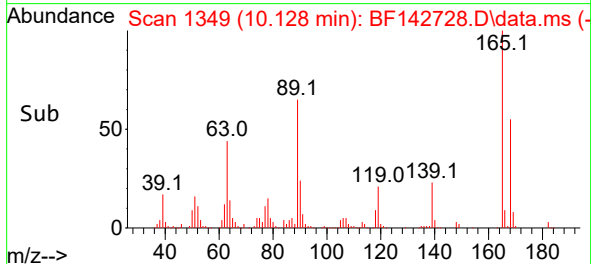
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



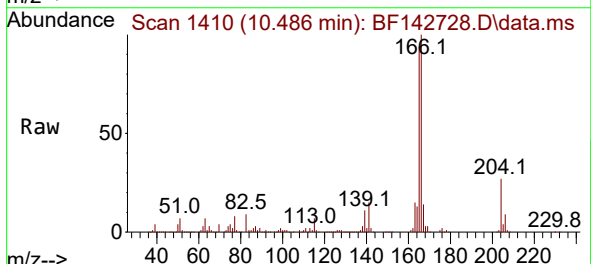
Tgt Ion:165 Resp: 15229  
Ion Ratio Lower Upper  
165 100  
63 44.3 34.1 51.1  
89 64.6 50.8 76.2  
182 2.8 2.2 3.2

Manual Integrations  
APPROVED

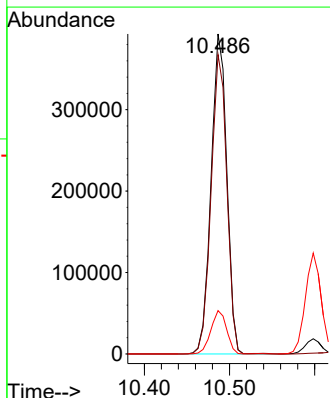
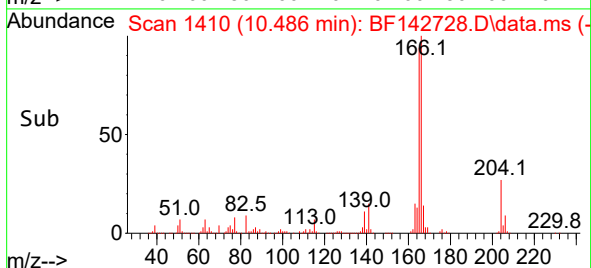
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

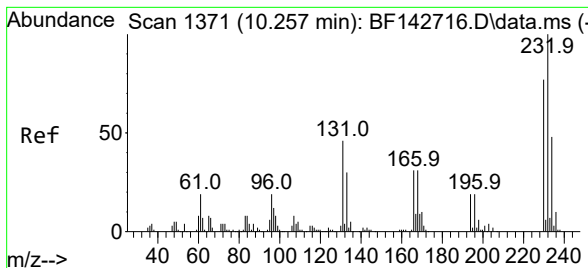


#58  
Fluorene  
Concen: 44.691 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



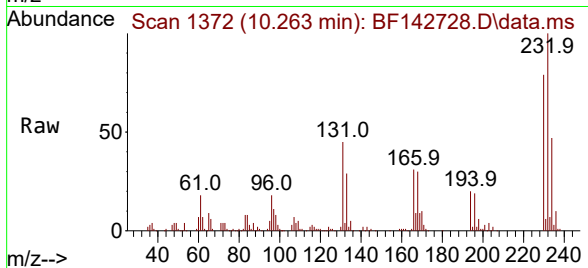
Tgt Ion:166 Resp: 503700  
Ion Ratio Lower Upper  
166 100  
165 93.5 74.9 112.3  
167 13.5 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.041 ng  
RT: 10.263 min Scan# 1372  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

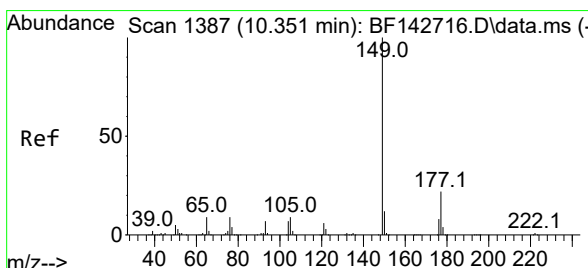
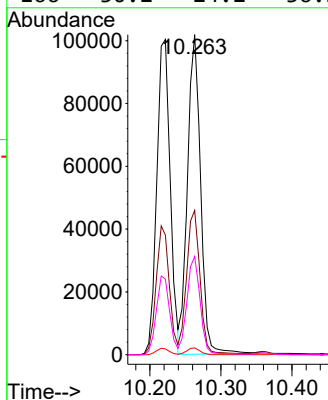
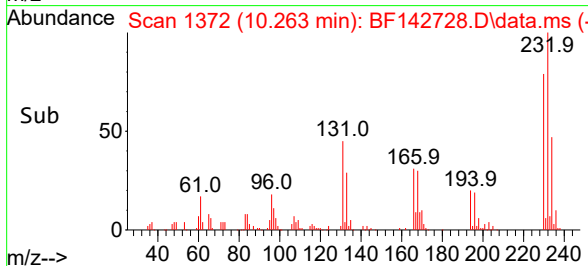
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



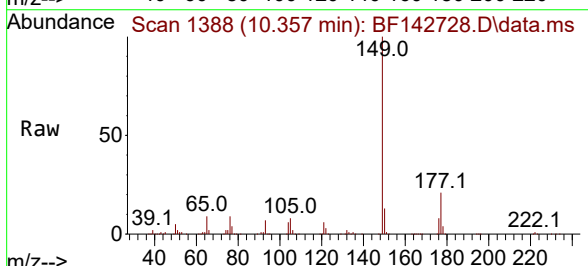
Tgt Ion:232 Resp: 131350  
Ion Ratio Lower Upper  
232 100  
131 46.2 35.8 53.8  
130 2.1 1.8 2.6  
166 30.2 24.2 36.2

Manual Integrations  
APPROVED

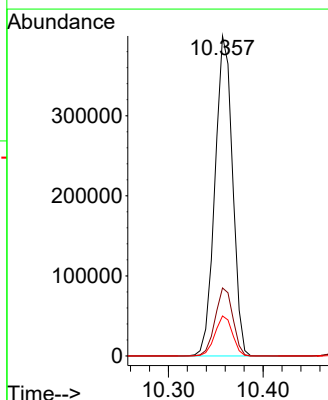
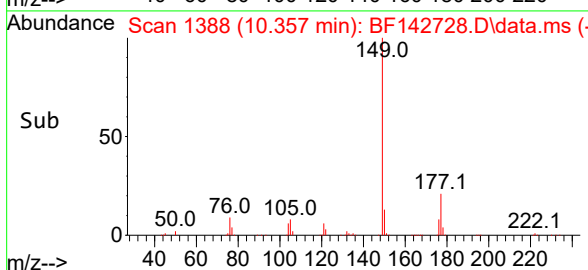
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

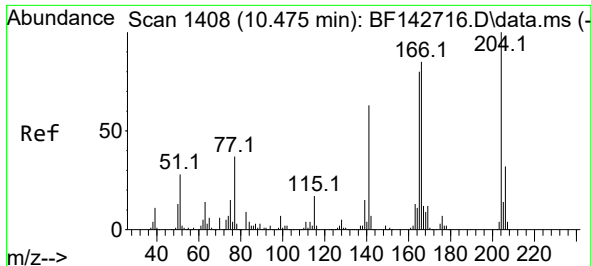


#60  
Diethylphthalate  
Concen: 46.575 ng  
RT: 10.357 min Scan# 1388  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



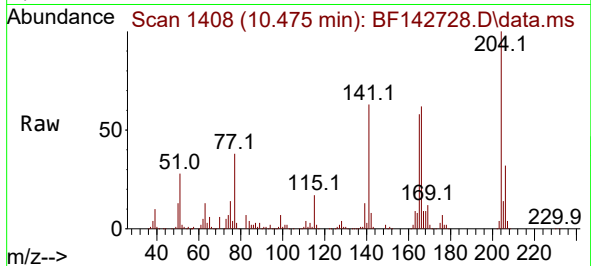
Tgt Ion:149 Resp: 516838  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.4 26.0  
150 12.5 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 45.137 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

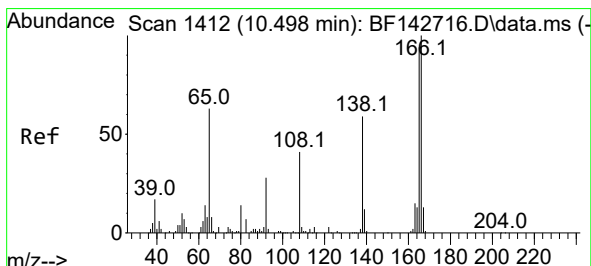
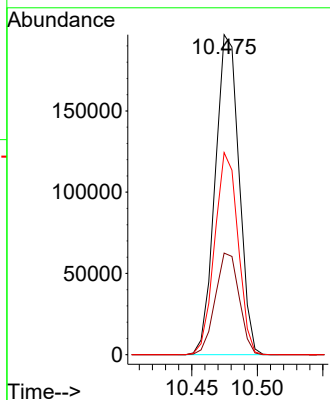
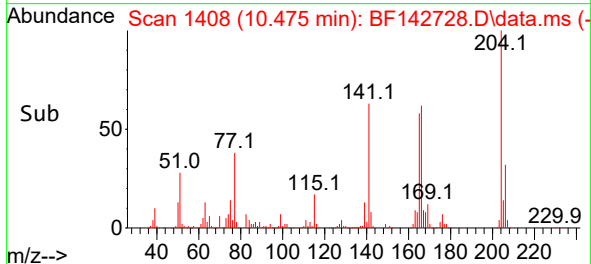
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



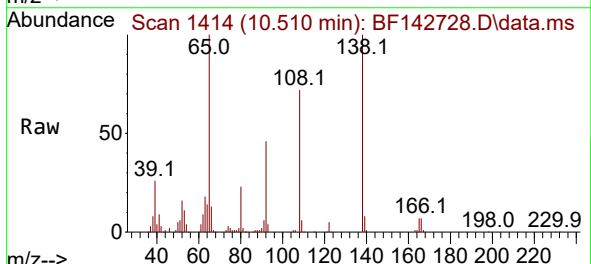
Tgt Ion:204 Resp: 248444  
Ion Ratio Lower Upper  
204 100  
206 31.7 25.9 38.9  
141 63.1 50.2 75.4

Manual Integrations  
APPROVED

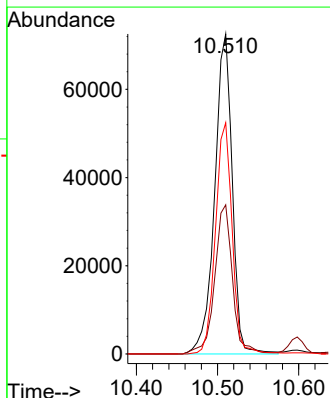
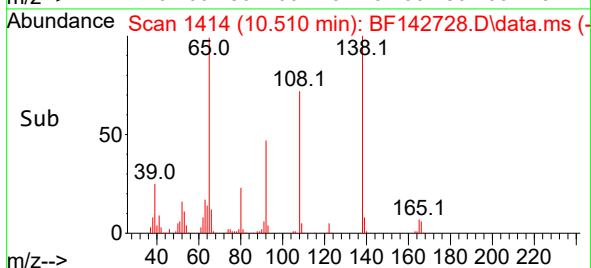
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

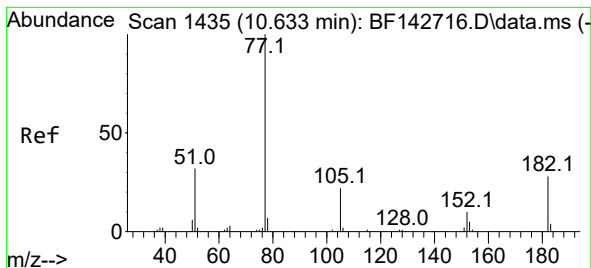


#62  
4-Nitroaniline  
Concen: 46.571 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. 0.012 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



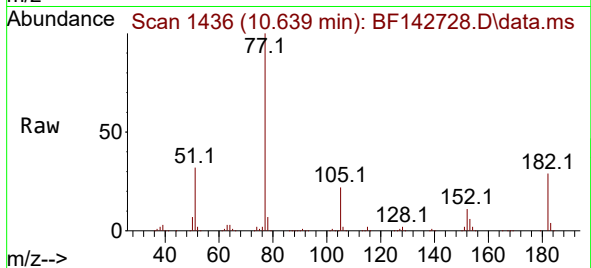
Tgt Ion:138 Resp: 109301  
Ion Ratio Lower Upper  
138 100  
92 46.6 27.2 67.2  
108 72.3 49.9 89.9





#63  
Azobenzene  
Concen: 45.518 ng  
RT: 10.639 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

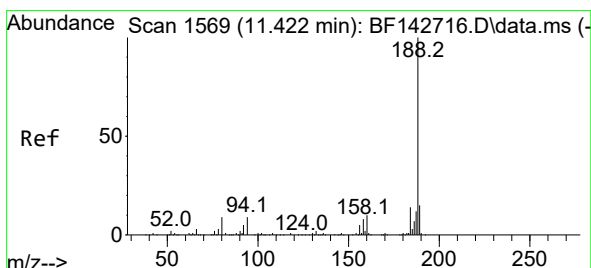
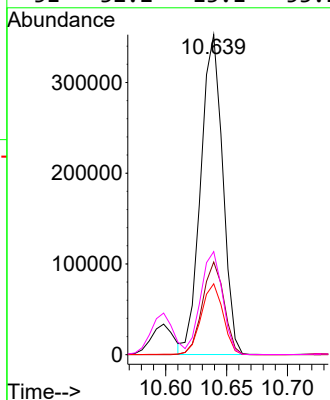
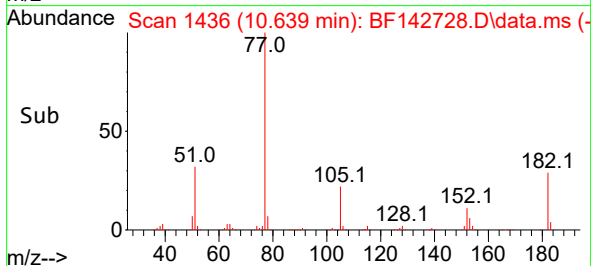
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



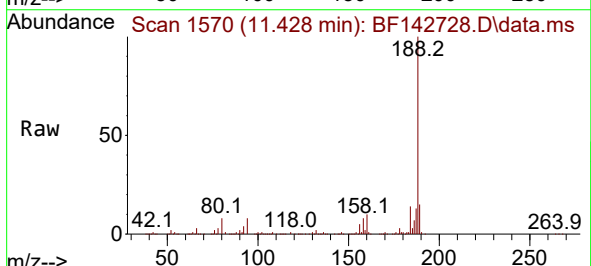
Tgt Ion: 77 Resp: 441139  
Ion Ratio Lower Upper  
77 100  
182 28.9 7.8 47.8  
105 22.1 1.9 41.9  
51 32.2 13.1 53.1

Manual Integrations  
APPROVED

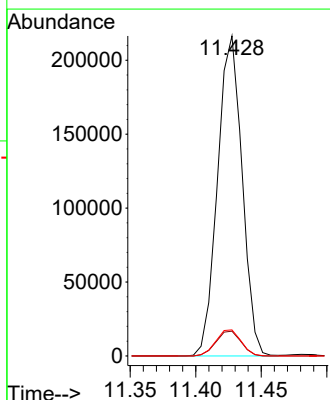
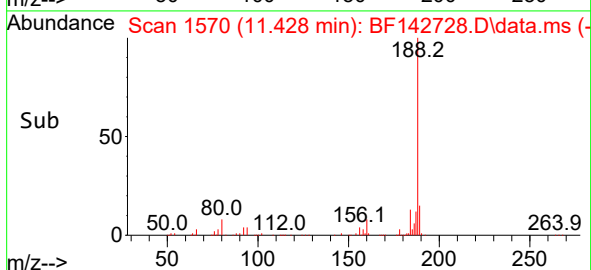
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

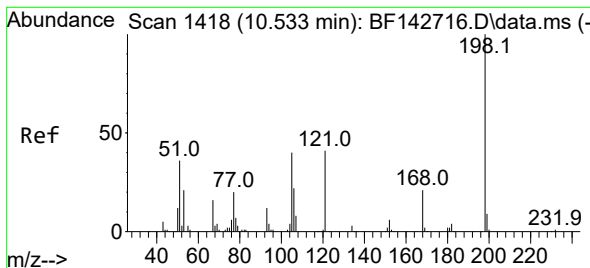


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.428 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:188 Resp: 281985  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.8 10.2  
80 8.2 7.1 10.7





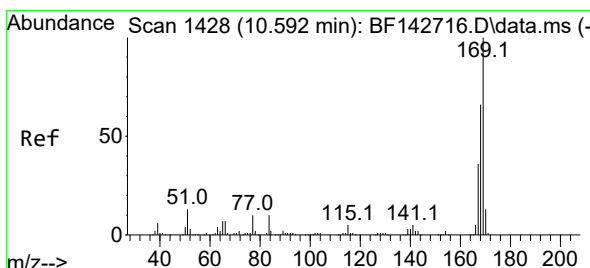
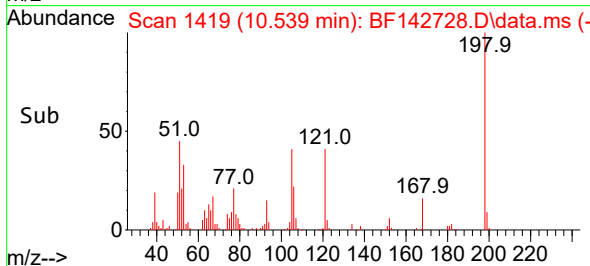
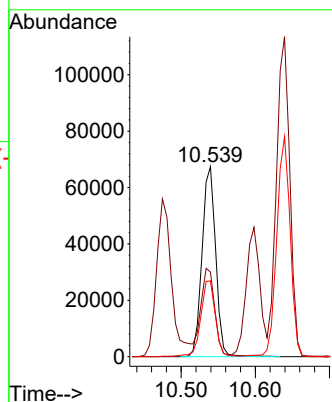
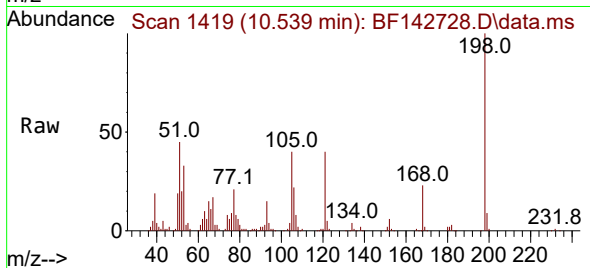
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.802 ng  
RT: 10.539 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD

Tgt Ion:198 Resp: 8617  
Ion Ratio Lower Upper  
198 100  
51 44.5 25.5 65.5  
105 39.9 21.1 61.1

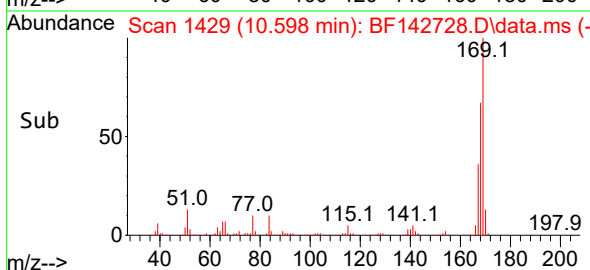
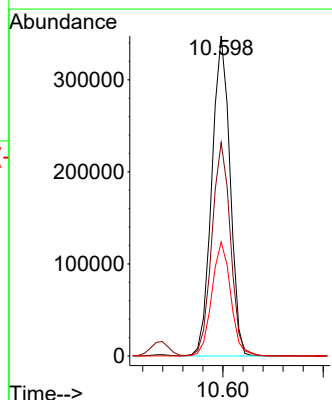
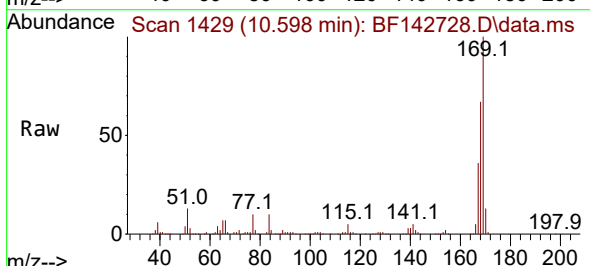
Manual Integrations  
APPROVED

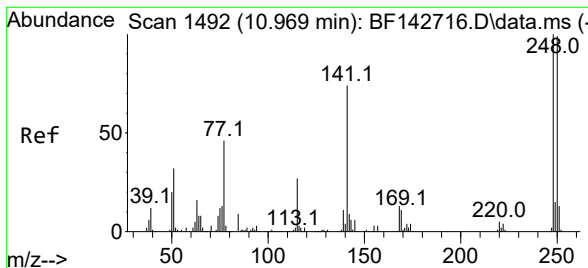
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#66  
n-Nitrosodiphenylamine  
Concen: 45.128 ng  
RT: 10.598 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

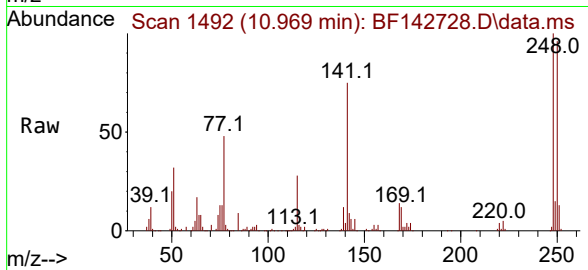
Tgt Ion:169 Resp: 437418  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.0 79.4  
167 35.7 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 45.172 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

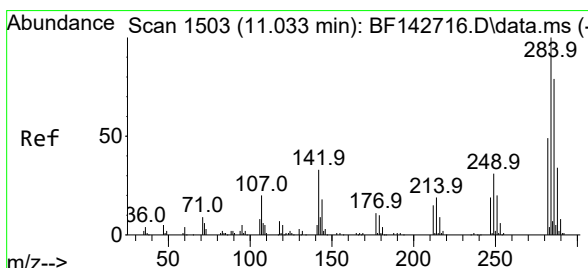
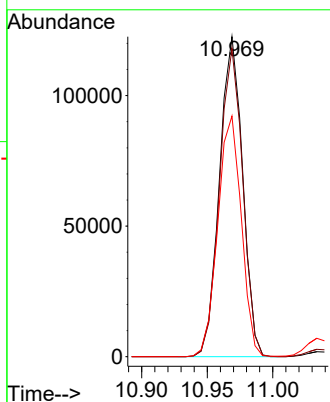
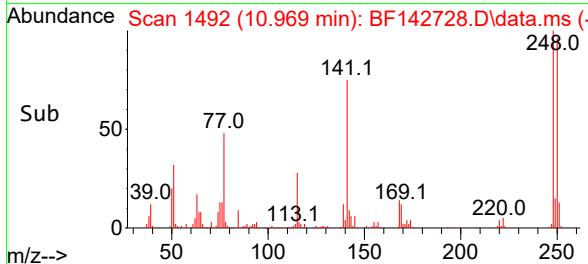
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



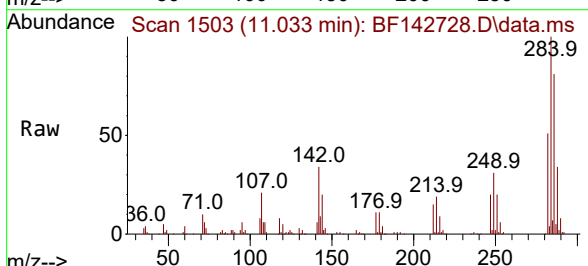
Tgt Ion:248 Resp: 15035  
Ion Ratio Lower Upper  
248 100  
250 96.3 79.2 118.8  
141 75.2 59.3 88.9

Manual Integrations  
APPROVED

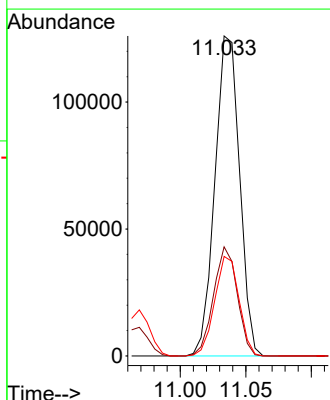
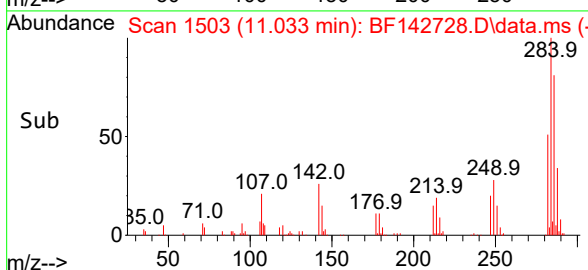
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

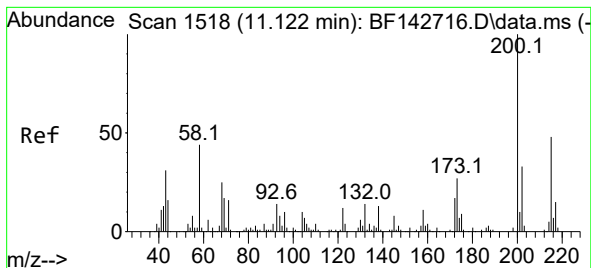


#68  
Hexachlorobenzene  
Concen: 44.578 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:284 Resp: 164704  
Ion Ratio Lower Upper  
284 100  
142 34.1 26.0 39.0  
249 31.1 24.6 37.0





#69

Atrazine

Concen: 49.805 ng

RT: 11.122 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD

Tgt Ion:200 Resp: 128700

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

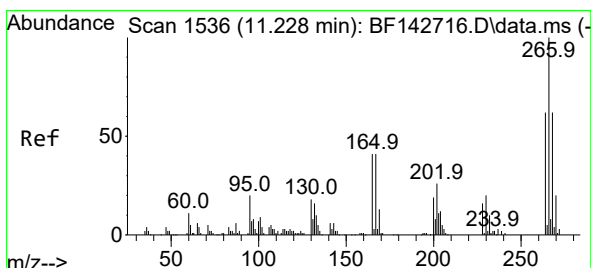
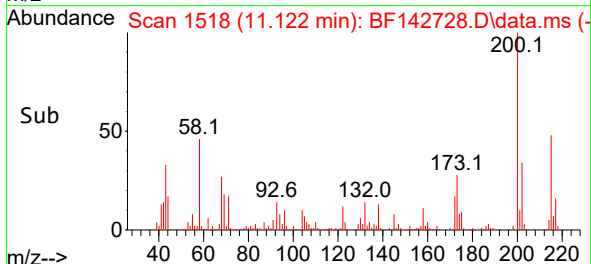
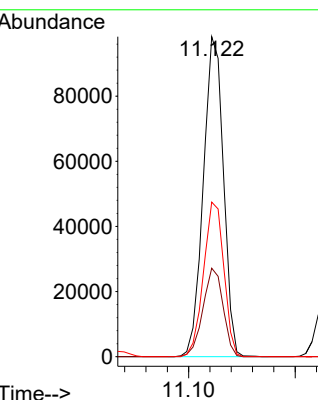
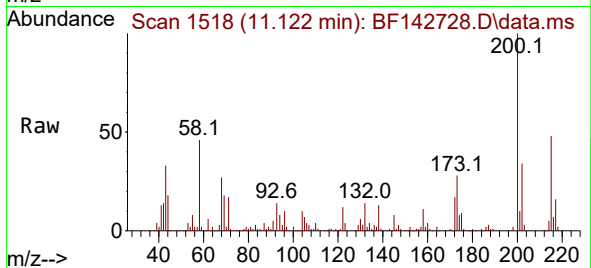
215 48.3 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#70

Pentachlorophenol

Concen: 92.443 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

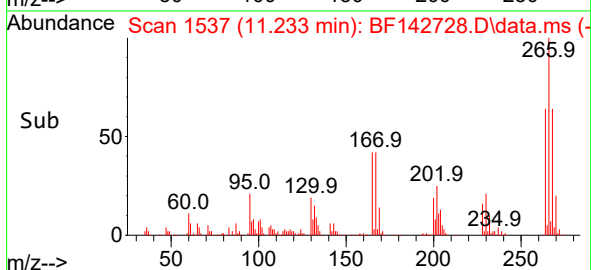
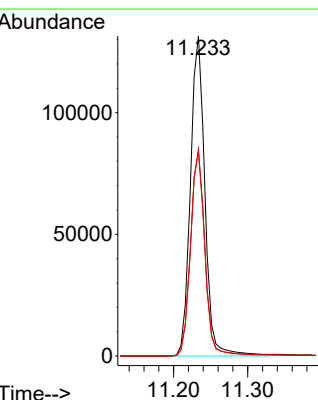
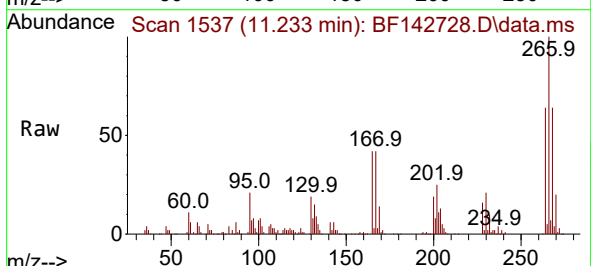
Tgt Ion:266 Resp: 179040

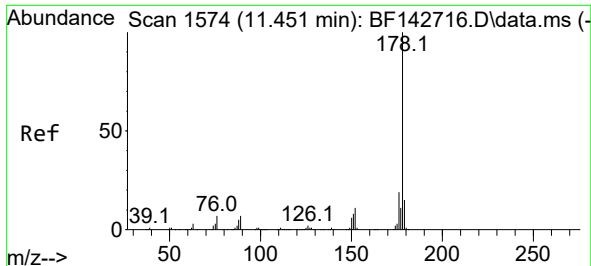
Ion Ratio Lower Upper

266 100

268 64.5 49.6 74.4

264 63.9 49.5 74.3





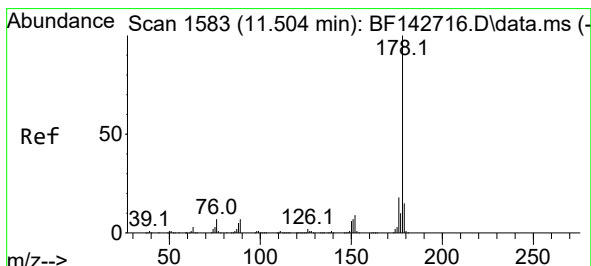
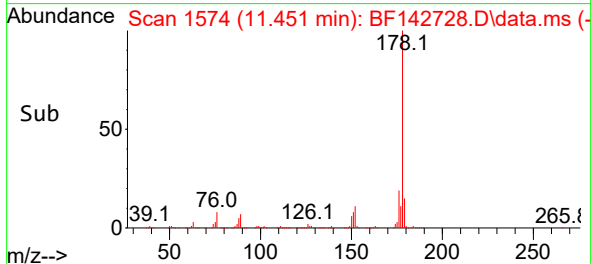
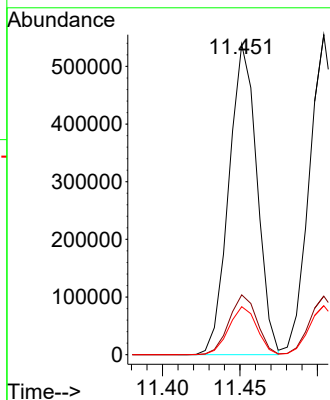
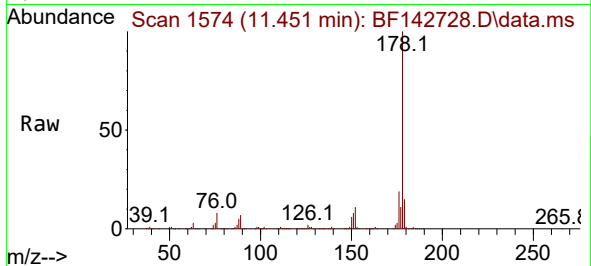
#71  
Phenanthrene  
Concen: 44.919 ng  
RT: 11.451 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD

Tgt Ion:178 Resp: 678589  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.5 12.2 18.4

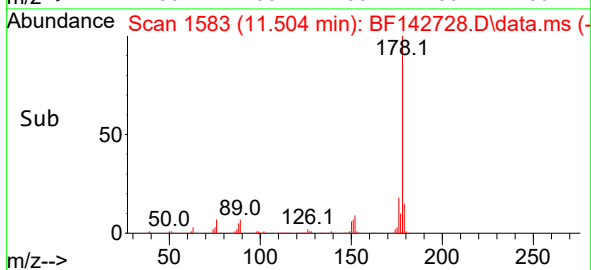
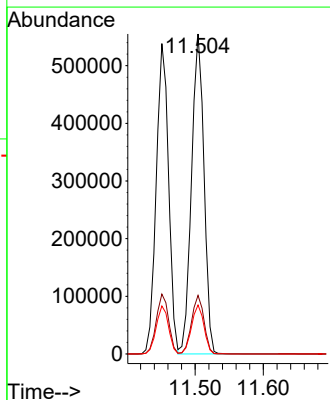
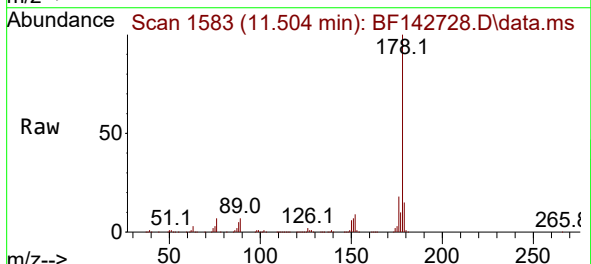
Manual Integrations  
APPROVED

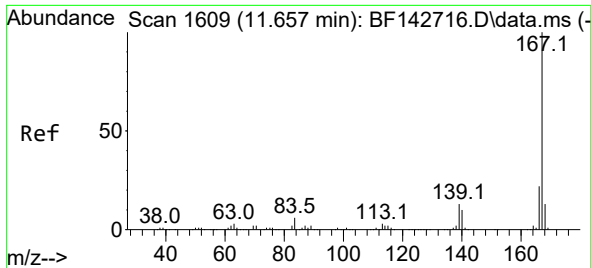
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#72  
Anthracene  
Concen: 44.926 ng  
RT: 11.504 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

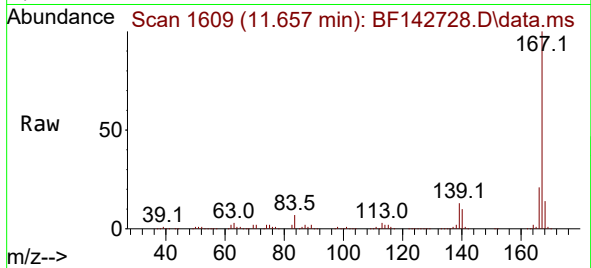
Tgt Ion:178 Resp: 702094  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.3 12.2 18.2





#73  
 Carbazole  
 Concen: 45.988 ng  
 RT: 11.657 min Scan# 1609  
 Delta R.T. 0.000 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50

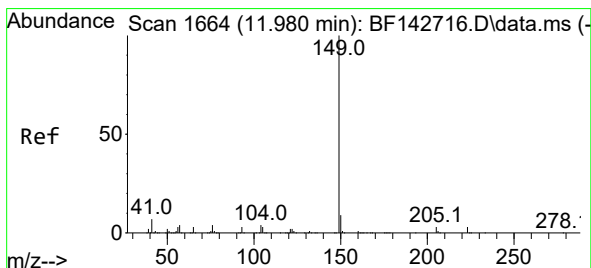
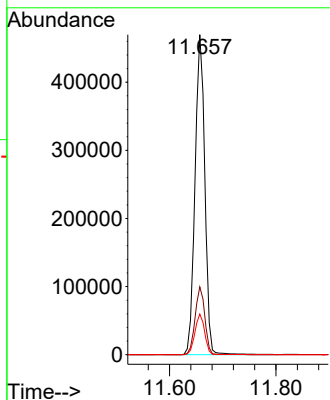
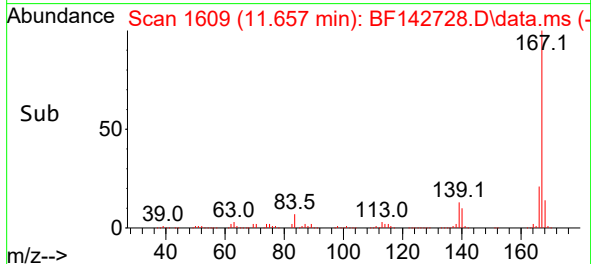
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168285BSD



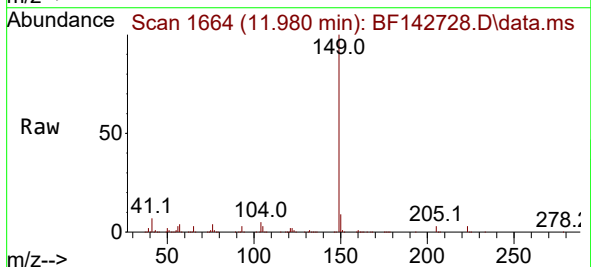
Tgt Ion:167 Resp: 60166  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.2 25.8  
 139 12.7 10.2 15.4

Manual Integrations  
 APPROVED

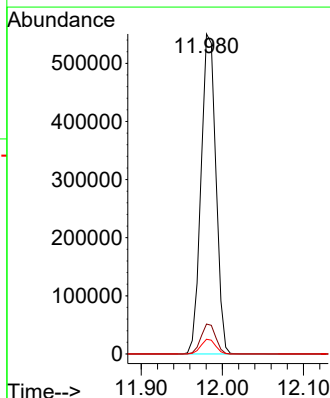
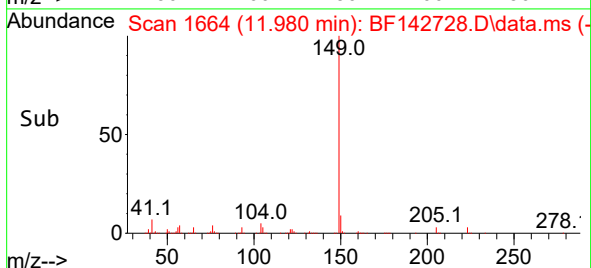
Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025

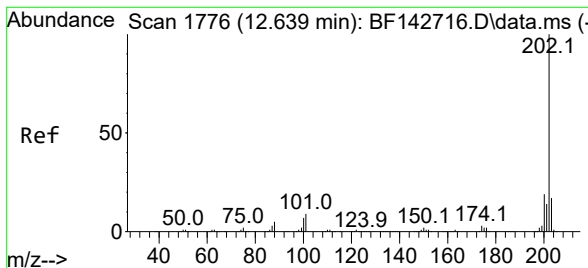


#74  
 Di-n-butylphthalate  
 Concen: 47.886 ng  
 RT: 11.980 min Scan# 1664  
 Delta R.T. 0.000 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50



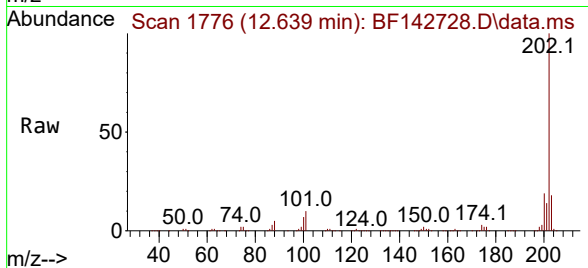
Tgt Ion:149 Resp: 699562  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 4.6 3.4 5.2





#75  
Fluoranthene  
Concen: 44.944 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

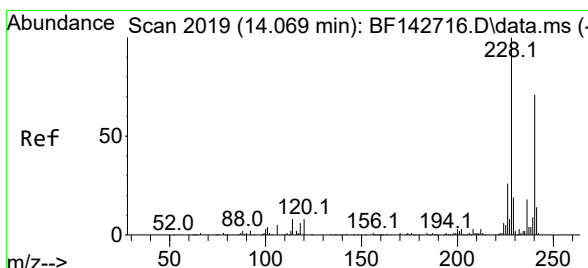
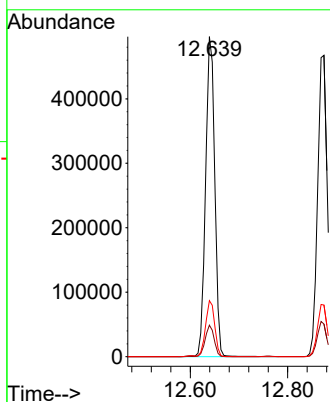
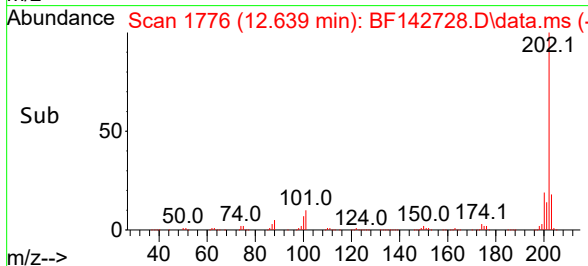
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



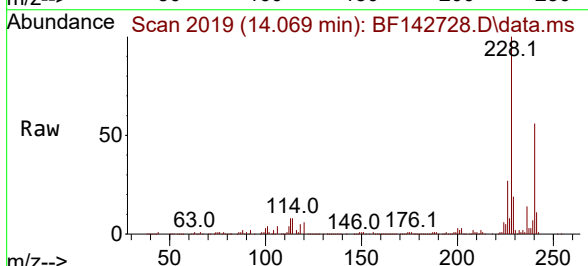
Tgt Ion:202 Resp: 64562  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 29.5  
203 17.5 0.0 37.0

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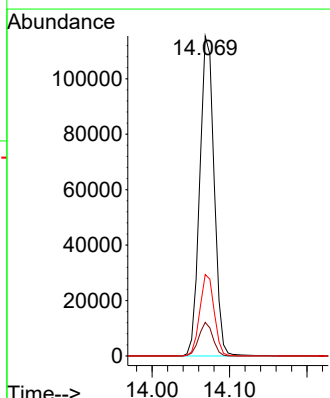
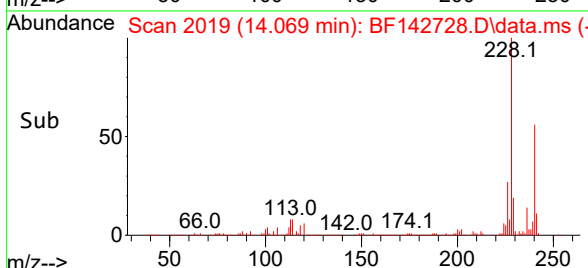
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

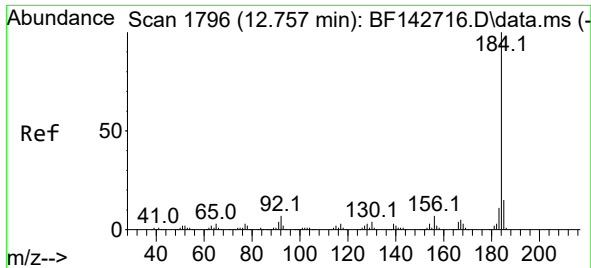


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



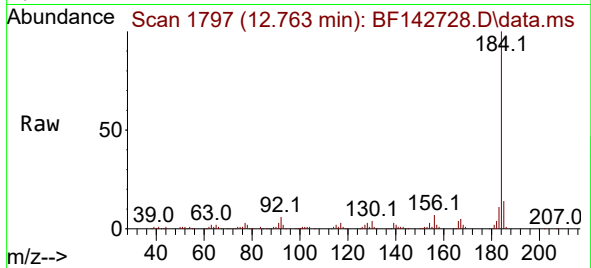
Tgt Ion:240 Resp: 148975  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.5 12.7  
236 25.5 20.1 30.1





#77  
Benzidine  
Concen: 32.546 ng  
RT: 12.763 min Scan# 1796  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

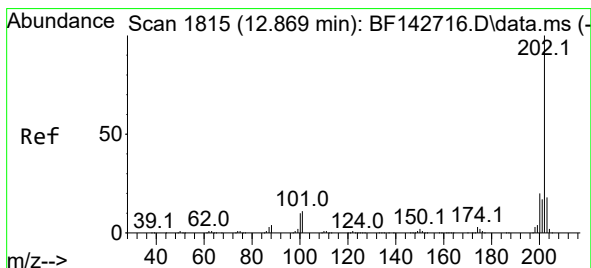
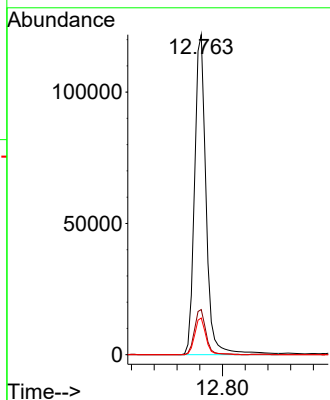
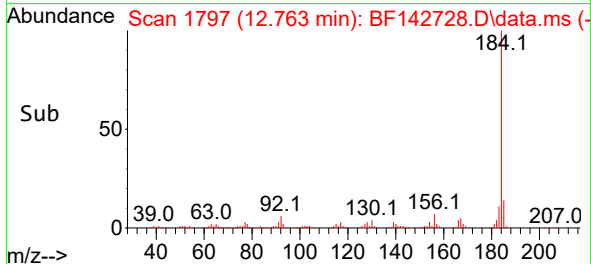
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



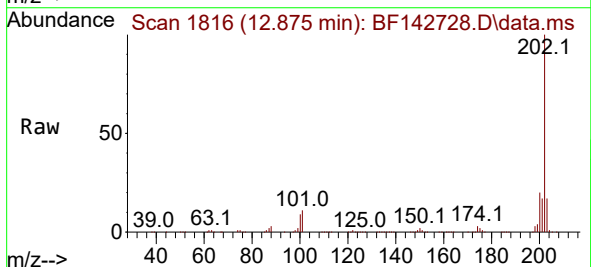
Tgt Ion:184 Resp: 172670  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.7 17.5  
183 11.5 8.6 12.8

Manual Integrations  
APPROVED

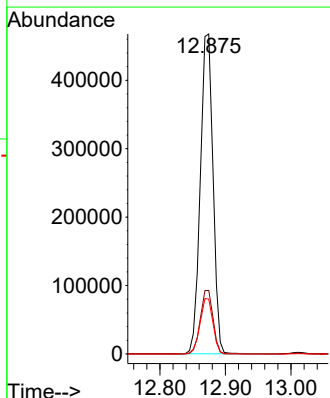
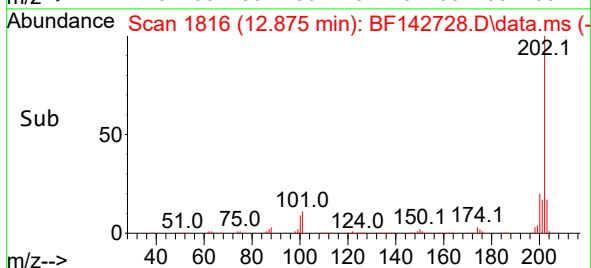
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

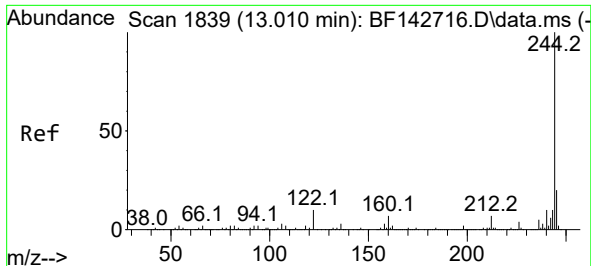


#78  
Pyrene  
Concen: 45.628 ng  
RT: 12.875 min Scan# 1816  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:202 Resp: 631683  
Ion Ratio Lower Upper  
202 100  
200 19.8 15.8 23.8  
203 17.1 14.1 21.1





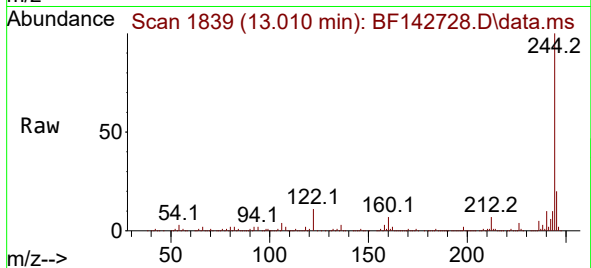
#79  
 Terphenyl-d14  
 Concen: 79.236 ng  
 RT: 13.010 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD

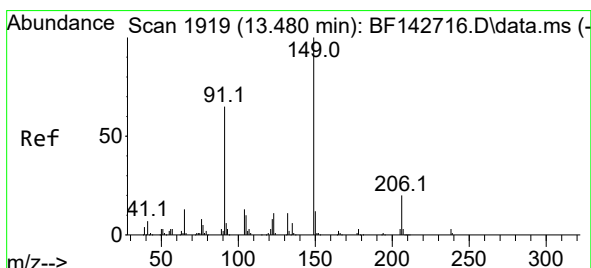
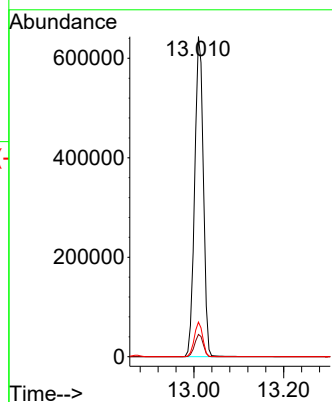
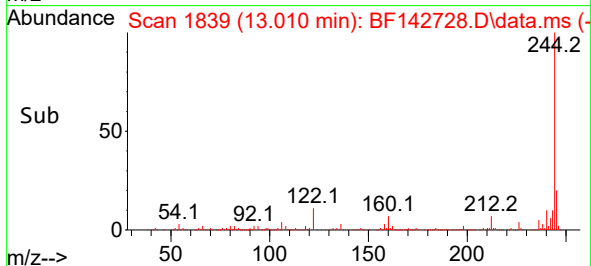


Tgt Ion:244 Resp: 85945  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.0  
 122 10.8 8.3 12.5

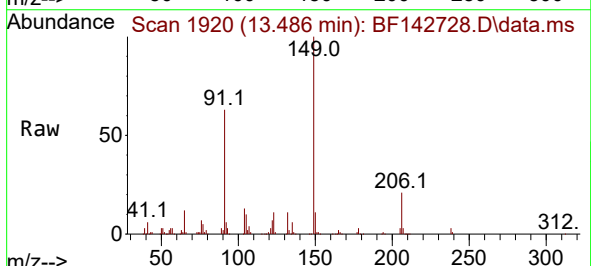
Manual Integrations

APPROVED

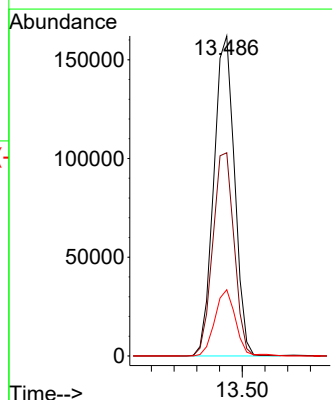
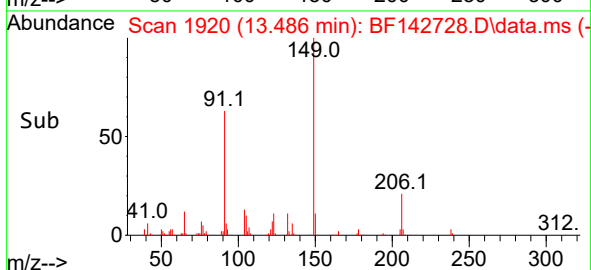
Reviewed By :Anahy Claudio 06/12/2025  
 Supervised By :Jagrut Upadhyay 06/12/2025

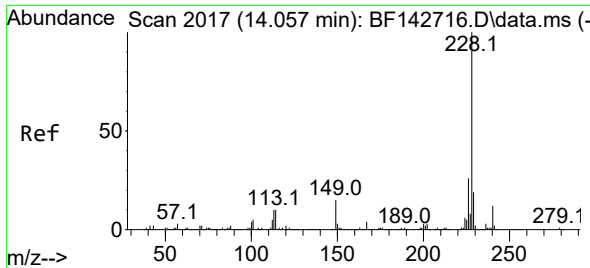


#80  
 Butylbenzylphthalate  
 Concen: 50.334 ng  
 RT: 13.486 min Scan# 1920  
 Delta R.T. 0.006 min  
 Lab File: BF142728.D  
 Acq: 11 Jun 2025 11:50



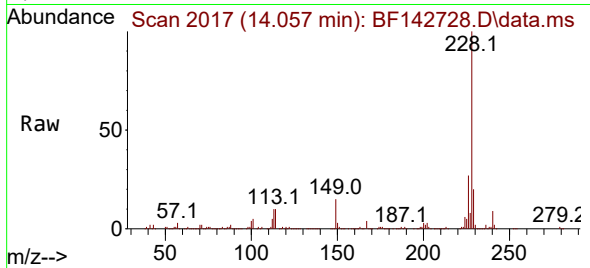
Tgt Ion:149 Resp: 206062  
 Ion Ratio Lower Upper  
 149 100  
 91 63.5 52.3 78.5  
 206 20.7 16.0 24.0





#81  
Benzo(a)anthracene  
Concen: 47.577 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

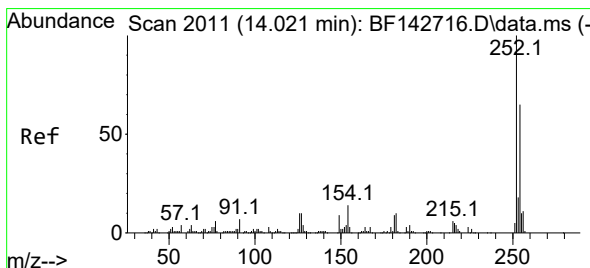
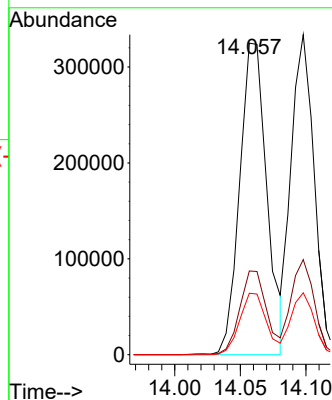
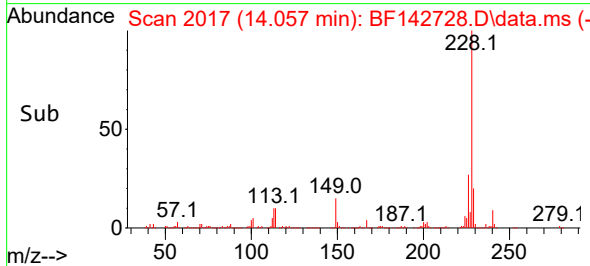
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



Tgt Ion:228 Resp: 469680  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.0 31.4  
229 19.7 15.5 23.3

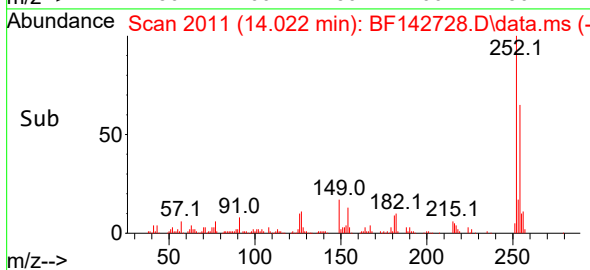
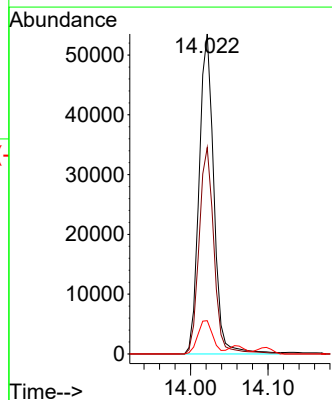
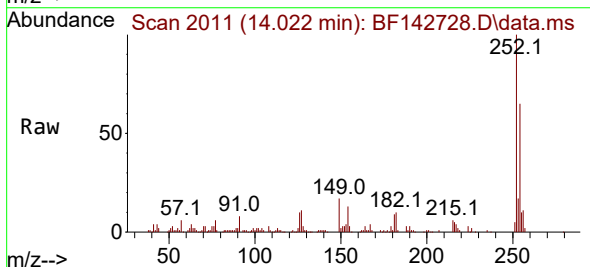
Manual Integrations  
APPROVED

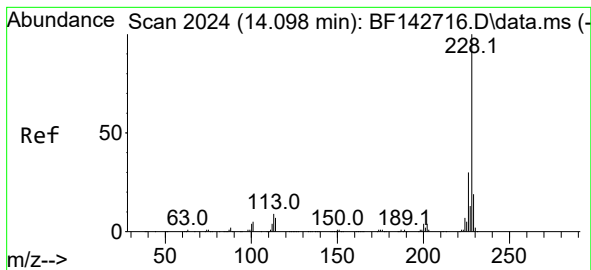
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 22.208 ng  
RT: 14.022 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

Tgt Ion:252 Resp: 70698  
Ion Ratio Lower Upper  
252 100  
254 64.5 51.8 77.6  
126 10.4 8.1 12.1





#83

Chrysene

Concen: 44.809 ng

RT: 14.098 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

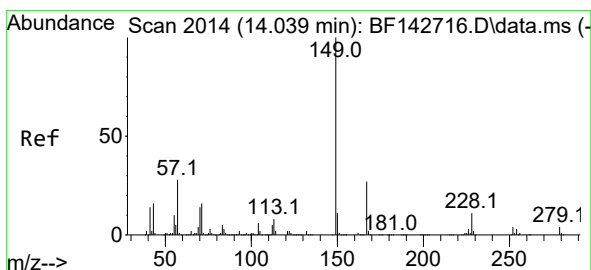
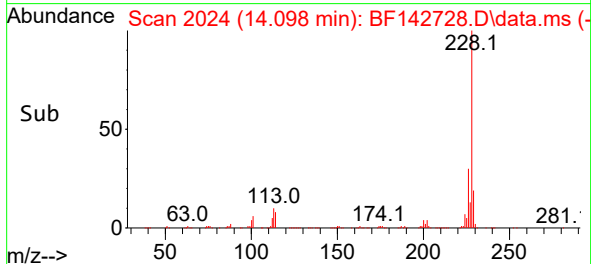
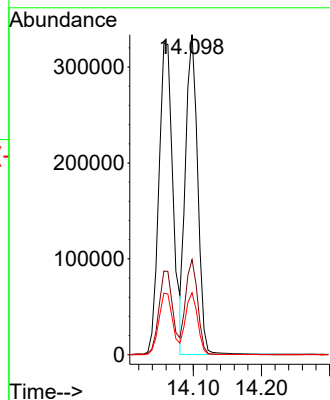
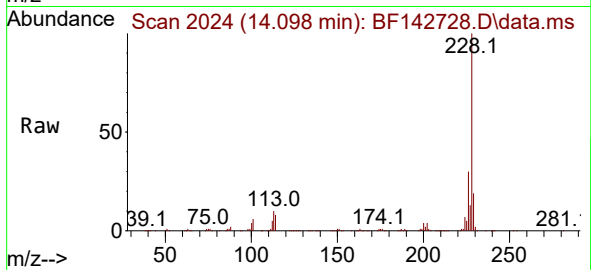
PB168285BSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 40841 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.7  | 23.6  | 35.4  |
| 229       | 19.3  | 15.5  | 23.3  |

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.511 ng

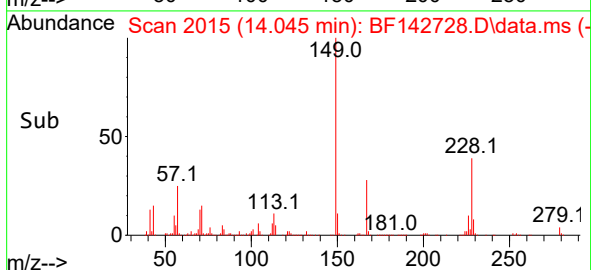
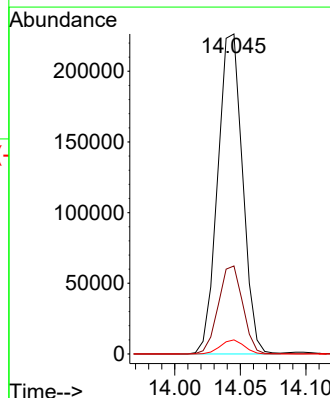
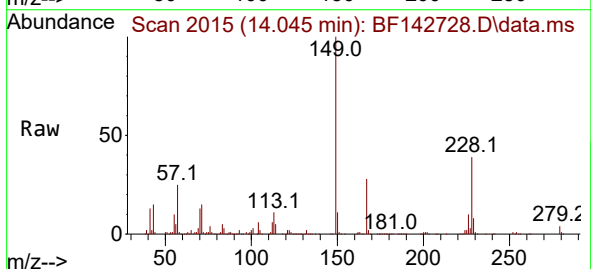
RT: 14.045 min Scan# 2015

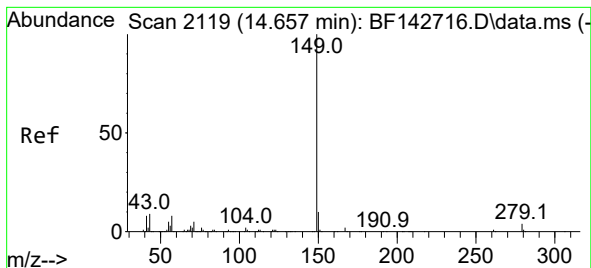
Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

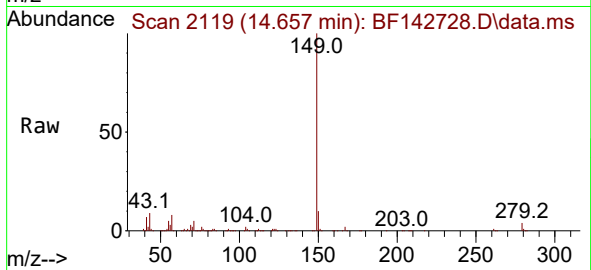
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 298050 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.5  | 21.4  | 32.2   |
| 279       | 4.4   | 3.0   | 4.4    |





#85  
Di-n-octyl phthalate  
Concen: 47.148 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

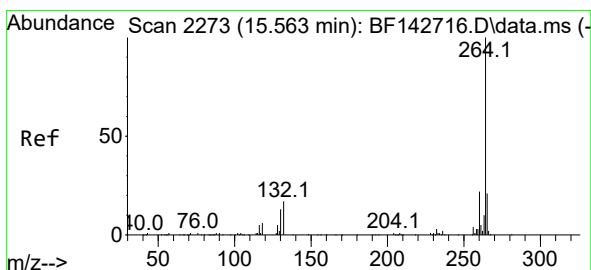
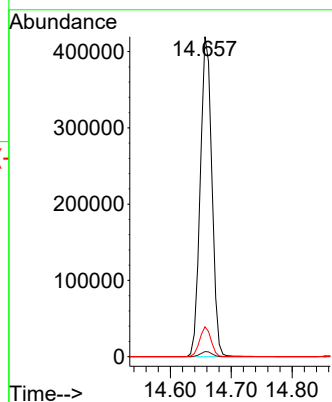
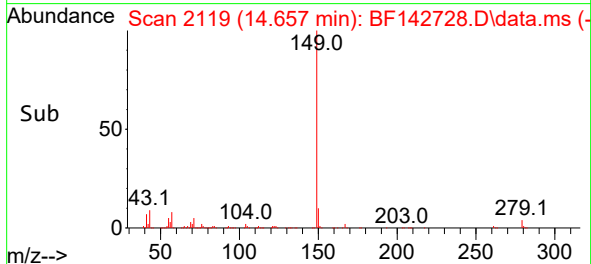
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



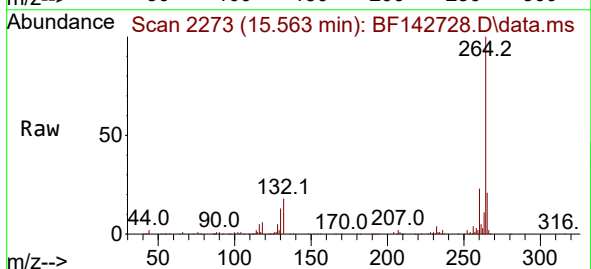
Tgt Ion:149 Resp: 55575  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.1 7.3 10.9

Manual Integrations  
APPROVED

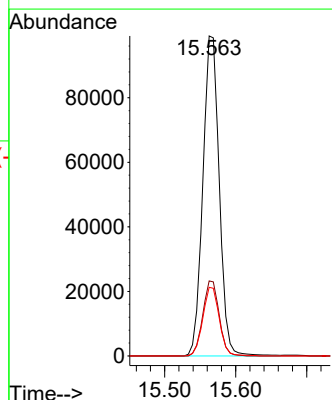
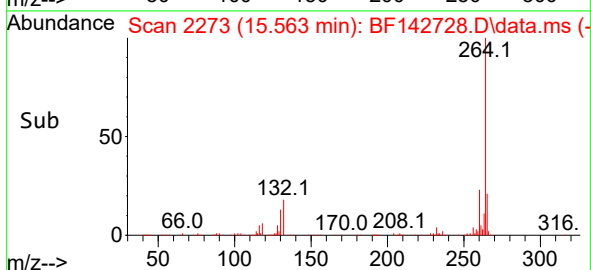
Reviewed By :Anahy Claudio 06/12/2025  
Supervised By :Jagrut Upadhyay 06/12/2025

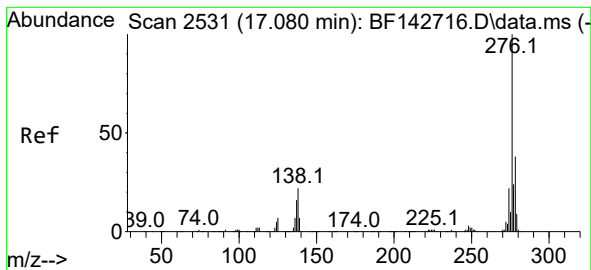


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.563 min Scan# 2273  
Delta R.T. 0.000 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion:264 Resp: 159540  
Ion Ratio Lower Upper  
264 100  
260 23.5 17.8 26.6  
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.273 ng

RT: 17.092 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD

Tgt Ion:276 Resp: 54707

Ion Ratio Lower Upper

276 100

138 24.5 19.3 28.9

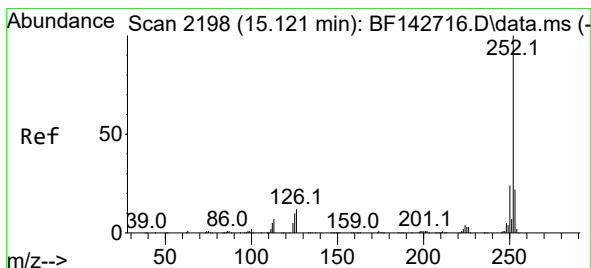
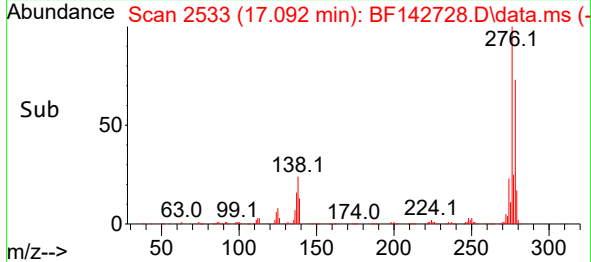
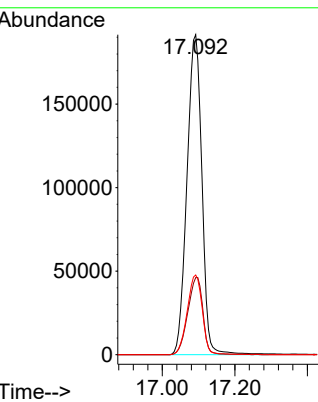
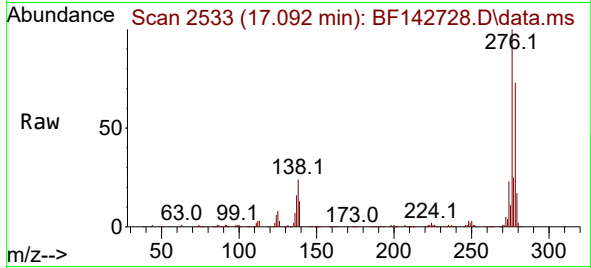
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#88

Benzo(b)fluoranthene

Concen: 46.450 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

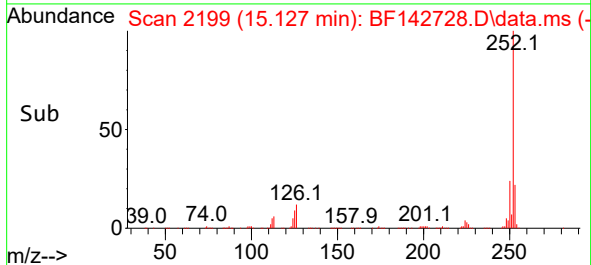
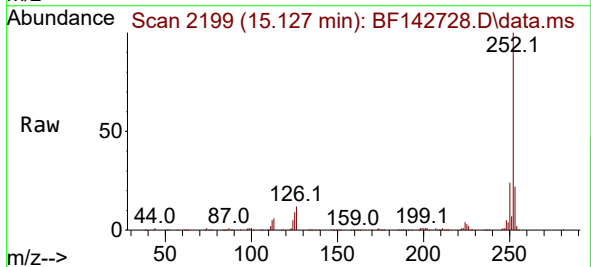
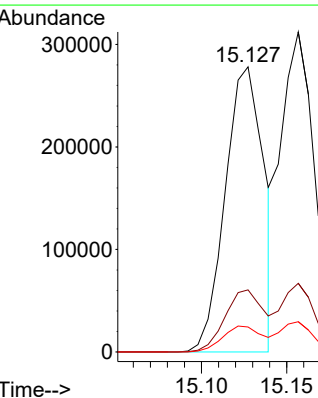
Tgt Ion:252 Resp: 436349

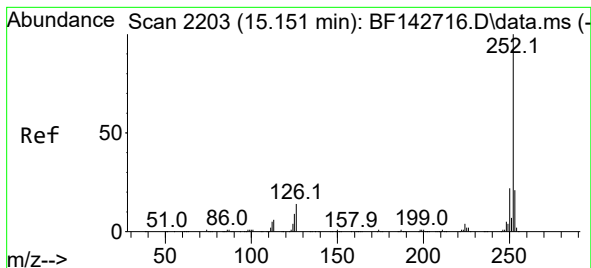
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 47.337 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF142728.D

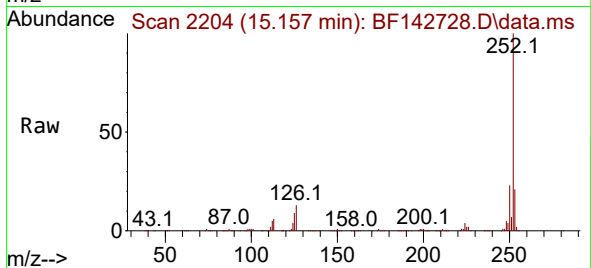
Acq: 11 Jun 2025 11:50

Instrument :

BNA\_F

ClientSampleId :

PB168285BSD



Tgt Ion:252 Resp: 431458

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

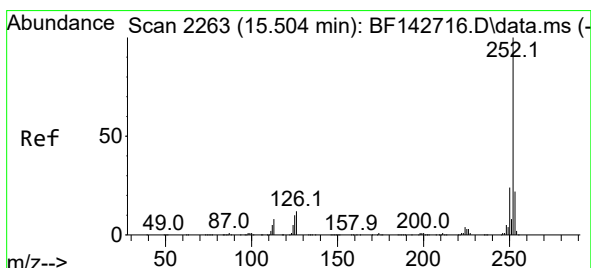
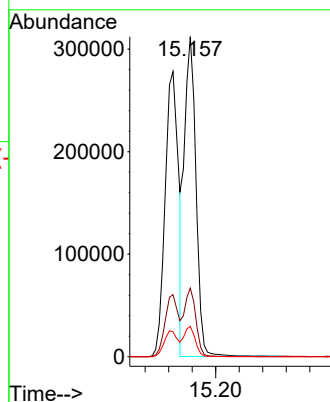
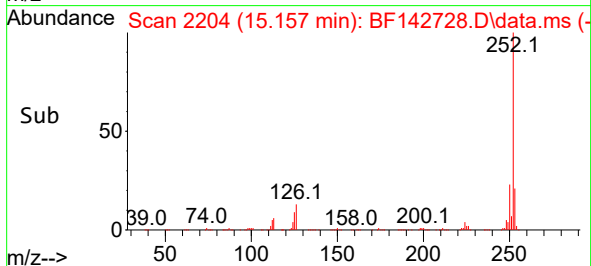
125 9.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/12/2025

Supervised By :Jagrut Upadhyay 06/12/2025



#90

Benzo(a)pyrene

Concen: 47.509 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

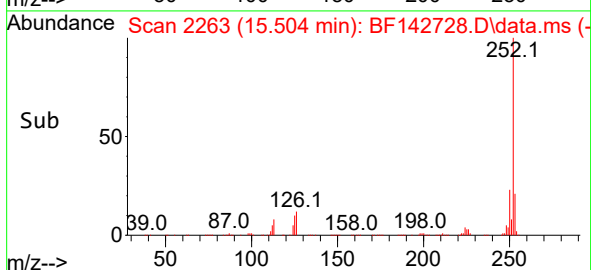
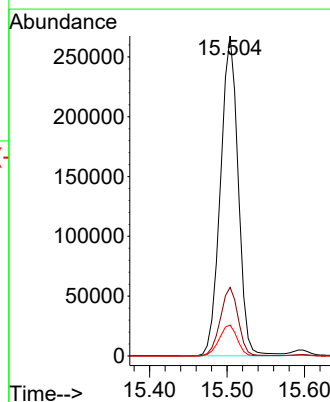
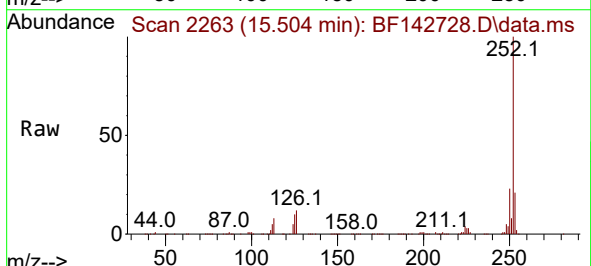
Tgt Ion:252 Resp: 424339

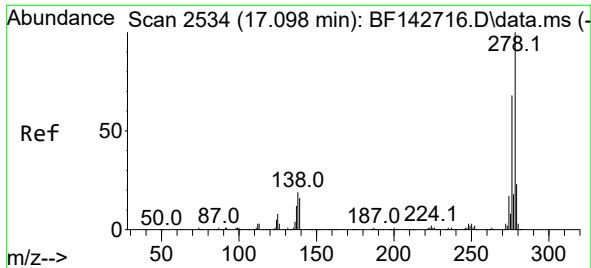
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

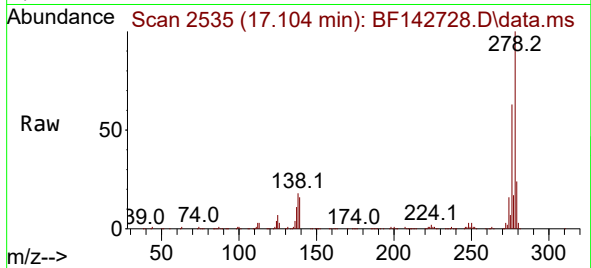
125 9.7 8.0 12.0





#91  
Dibenzo(a,h)anthracene  
Concen: 46.562 ng  
RT: 17.104 min Scan# 2534  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50

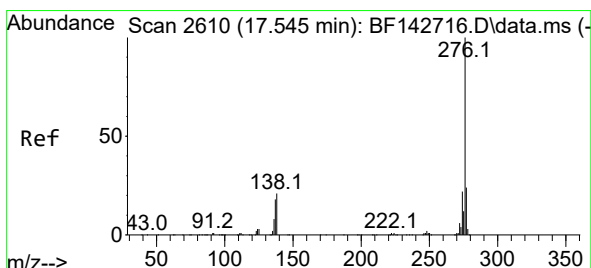
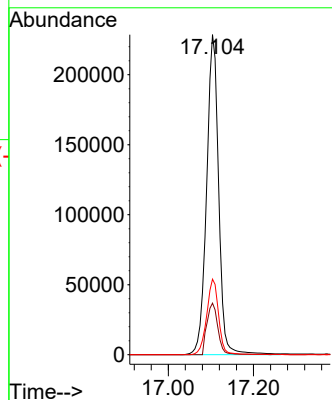
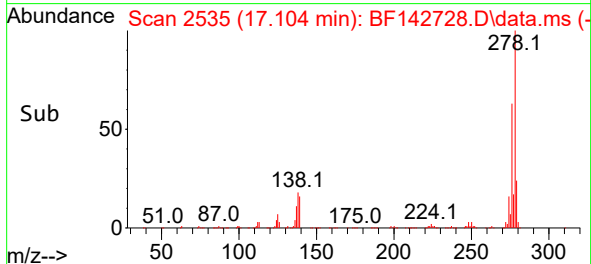
Instrument :  
BNA\_F  
ClientSampleId :  
PB168285BSD



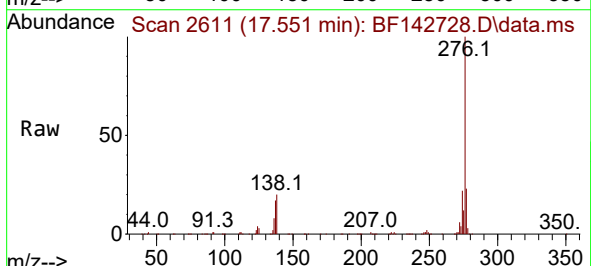
Tgt Ion: 278 Resp: 44949  
Ion Ratio Lower Upper  
278 100  
139 16.1 12.8 19.2  
279 23.6 18.7 28.1

Manual Integrations  
APPROVED

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



#92  
Benzo(g,h,i)perylene  
Concen: 45.623 ng  
RT: 17.551 min Scan# 2611  
Delta R.T. 0.006 min  
Lab File: BF142728.D  
Acq: 11 Jun 2025 11:50



Tgt Ion: 276 Resp: 437957  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.8 28.2  
138 20.4 16.4 24.6

