

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030725\  
 Data File : BF141893.D  
 Acq On : 07 Mar 2025 18:30  
 Operator : RC/JU  
 Sample : Q1488-02MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-101-SB01MS

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 21:45:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 146872   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 566046   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 296352   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 482424   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 376304   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 373298   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1085782  | 118.061 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 1289939  | 107.760 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 976810   | 110.305 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 507581   | 182.438 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1887954  | 102.150 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 1932793  | 83.100  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.805  | 88   | 134944   | 32.337  | ng    | # 79     |
| 3) Pyridine                   | 3.534  | 79   | 304229   | 29.301  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.463  | 42   | 167627   | 33.553  | ng    | # 95     |
| 6) Aniline                    | 6.551  | 93   | 271425   | 21.810  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 392071   | 39.409  | ng    | 95       |
| 9) Benzaldehyde               | 6.440  | 77   | 82387    | 11.832  | ng    | 97       |
| 10) Phenol                    | 6.522  | 94   | 421103   | 32.921  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 347294   | 35.618  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 403448   | 37.867  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 413101   | 38.481  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 404172   | 40.318  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 376371   | 39.342  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 445763   | 30.103  | ng    | 94       |
| 17) 2-Methylphenol            | 7.134  | 107  | 327586   | 39.891  | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 149748   | 37.269  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 284179   | 36.114  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 417320   | 40.811  | ng    | 97       |
| 22) Acetophenone              | 7.292  | 105  | 635484   | 46.096  | ng    | 97       |
| 24) Nitrobenzene              | 7.469  | 77   | 425775   | 44.899  | ng    | 96       |
| 25) Isophorone                | 7.704  | 82   | 779771   | 40.987  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 202530   | 47.827  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 347141   | 49.638  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 457528   | 37.700  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 345967   | 42.882  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 365988   | 41.399  | ng    | 99       |
| 31) Naphthalene               | 8.187  | 128  | 1141283  | 39.230  | ng    | 99       |
| 32) Benzoic acid              | 7.910  | 122  | 245541   | 43.017  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 117535   | 11.018  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 232432   | 42.309  | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 107829m  | 43.446  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 387917   | 43.283  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 769169   | 40.308  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 735586   | 40.174  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 417293   | 48.755  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 385277   | 107.863 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 260598   | 47.135  | ng    | 99       |

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Manual Integrations  
 APPROVED

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 Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 21:45:45 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

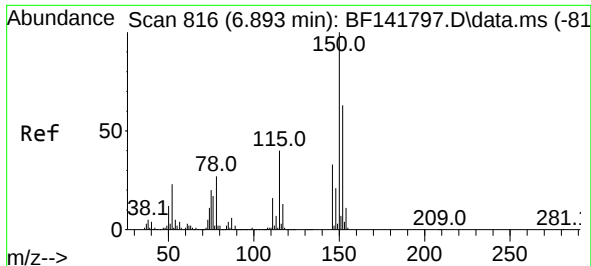
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 273305   | 49.921  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 1127721  | 49.994  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 749626   | 45.026  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 238921   | 52.027  | ng    | 95       |
| 49) Acenaphthylene            | 9.781  | 152  | 1179845  | 47.266  | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 929996   | 46.861  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 202875   | 53.116  | ng    | 94       |
| 52) Acenaphthene              | 9.951  | 154  | 846529   | 50.260  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 121880   | 31.242  | ng    | # 92     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 171206   | 92.918  | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 1036351  | 42.274  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 318494   | 108.658 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 265097   | 56.493  | ng    | 90       |
| 58) Fluorene                  | 10.469 | 166  | 843493   | 45.934  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 231562   | 48.633  | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 887696   | 44.618  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 424604   | 46.150  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 191771   | 56.583  | ng    | 97       |
| 63) Azobenzene                | 10.622 | 77   | 828989   | 39.573  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 114613   | 50.036  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 723072   | 45.645  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 266010   | 47.208  | ng    | 96       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 295638   | 49.684  | ng    | 96       |
| 69) Atrazine                  | 11.104 | 200  | 285547   | 65.549  | ng    | 98       |
| 70) Pentachlorophenol         | 11.204 | 266  | 357301   | 94.677  | ng    | 99       |
| 71) Phenanthrene              | 11.427 | 178  | 1199549  | 46.485  | ng    | 99       |
| 72) Anthracene                | 11.480 | 178  | 1200670  | 46.426  | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 1040605  | 45.564  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1188156  | 41.042  | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 1125422  | 42.563  | ng    | 96       |
| 77) Benzidine                 | 12.733 | 184  | 358813   | 75.758  | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 1188284  | 36.467  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 471966   | 39.865  | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1131048  | 45.505  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 260330   | 36.506  | ng    | 99       |
| 83) Chrysene                  | 14.068 | 228  | 998763   | 43.591  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 621644   | 42.170  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1101586  | 49.914  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 897282   | 37.748  | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1178241  | 46.336  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.115 | 252  | 1025295  | 47.439  | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 975022   | 47.812  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 744676   | 38.380  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 17.451 | 276  | 665037   | 33.457  | ng    | 95       |

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

## Manual Integrations

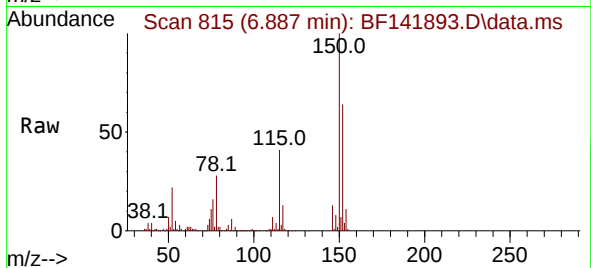
Quant Time: Mar 07 21:45:45 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 28 01:48:16 2025  
Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF141893.D  
 Acq: 07 Mar 2025 18:30

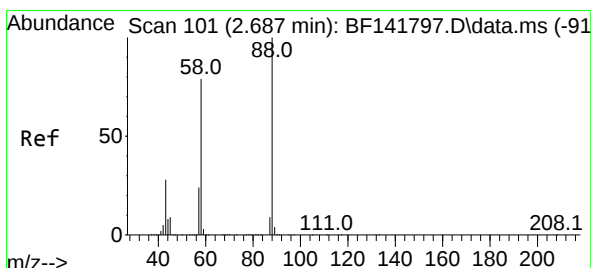
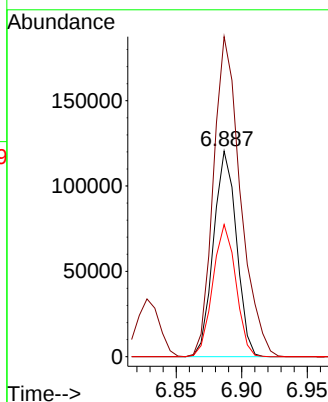
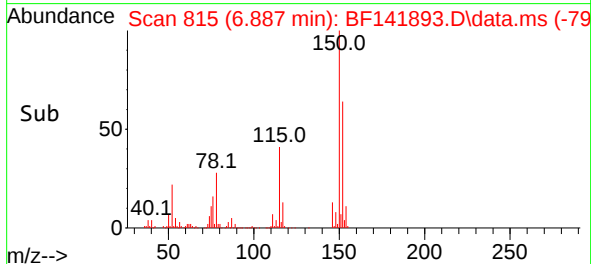
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-101-SB01MS



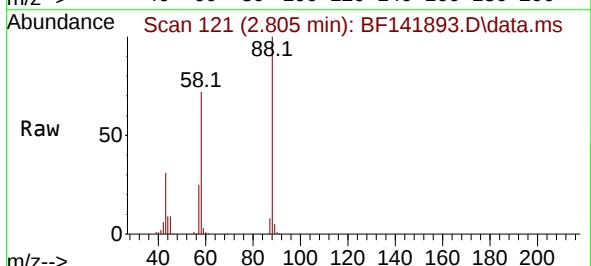
Tgt Ion:152 Resp: 146872  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 127.5 191.3  
 115 64.3 51.4 77.2

Manual Integrations  
 APPROVED

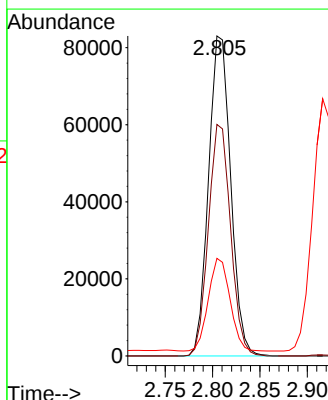
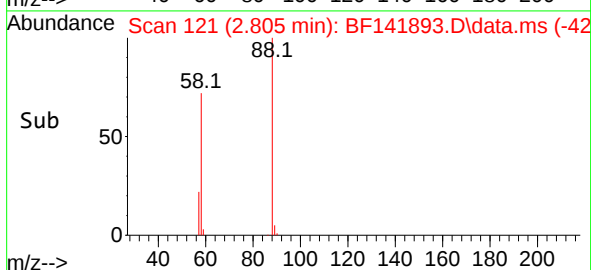
Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025

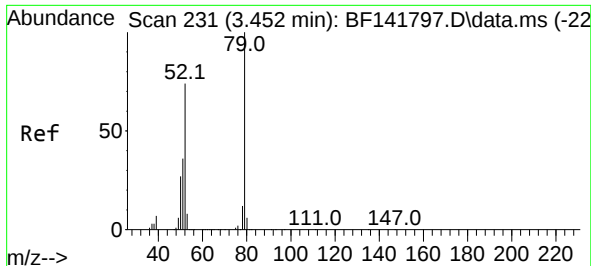


#2  
 1,4-Dioxane  
 Concen: 32.337 ng  
 RT: 2.805 min Scan# 121  
 Delta R.T. 0.118 min  
 Lab File: BF141893.D  
 Acq: 07 Mar 2025 18:30



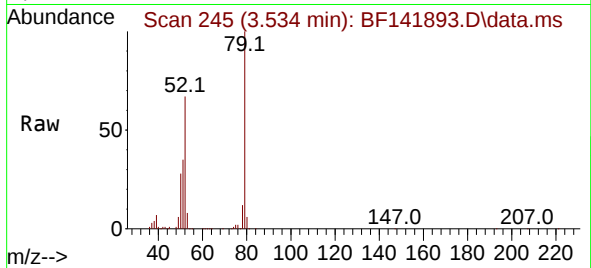
Tgt Ion: 88 Resp: 134944  
 Ion Ratio Lower Upper  
 88 100  
 58 72.5 63.9 95.9  
 43 0.0 23.0 34.6#





#3  
Pyridine  
Concen: 29.301 ng  
RT: 3.534 min Scan# 24  
Delta R.T. 0.082 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

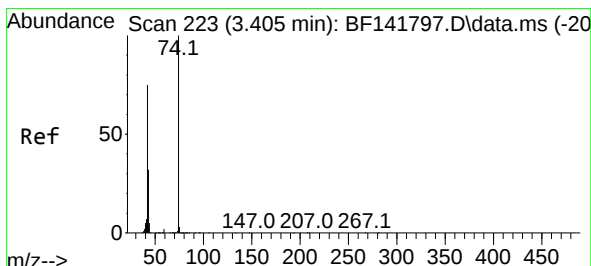
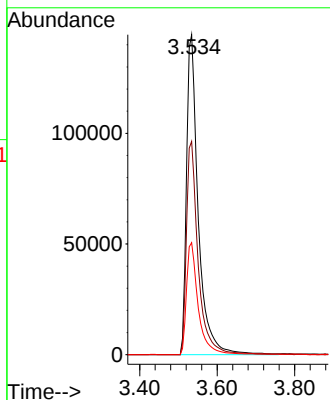
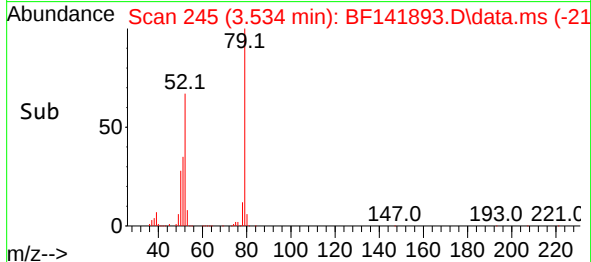
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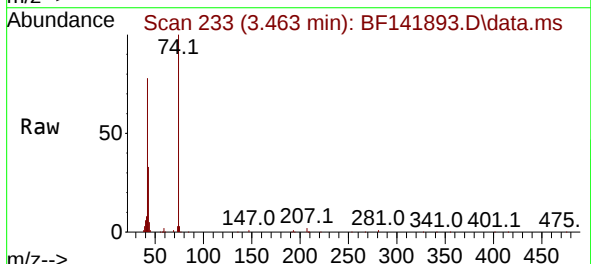
Tgt Ion: 79 Resp: 304229  
Ion Ratio Lower Upper  
79 100  
52 66.7 59.0 88.4  
51 35.0 29.0 43.4

Manual Integrations  
APPROVED

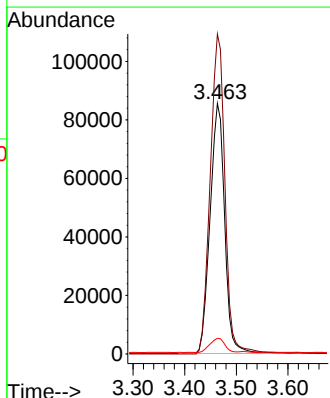
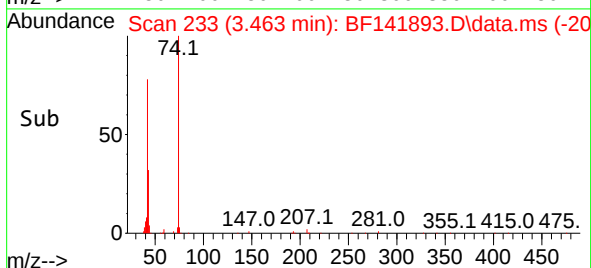
Reviewed By :Anahy Claudio 03/10/2025  
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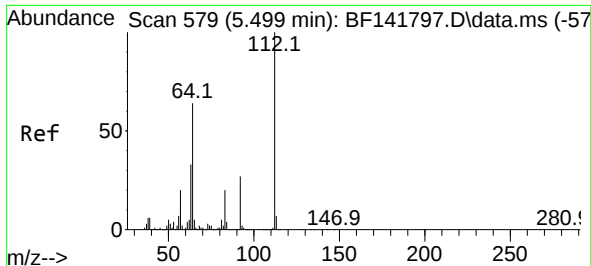


#4  
n-Nitrosodimethylamine  
Concen: 33.553 ng  
RT: 3.463 min Scan# 233  
Delta R.T. 0.059 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



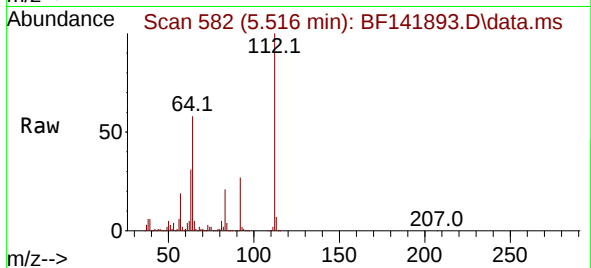
Tgt Ion: 42 Resp: 167627  
Ion Ratio Lower Upper  
42 100  
74 127.7 107.1 160.7  
44 6.2 6.6 9.8





#5  
2-Fluorophenol  
Concen: 118.061 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

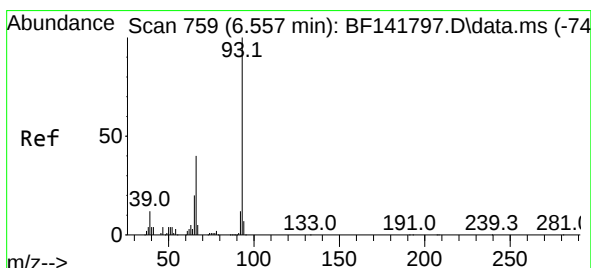
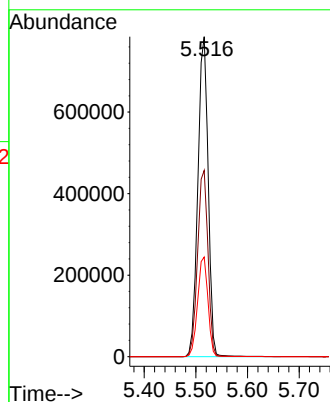
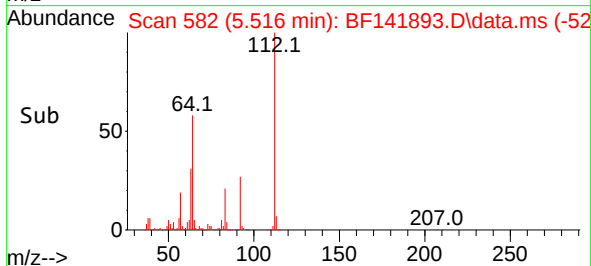
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Tgt Ion: 112 Resp: 108578  
Ion Ratio Lower Upper  
112 100  
64 58.2 51.3 76.9  
63 31.2 26.2 39.4

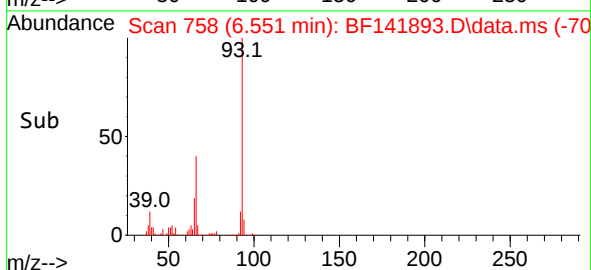
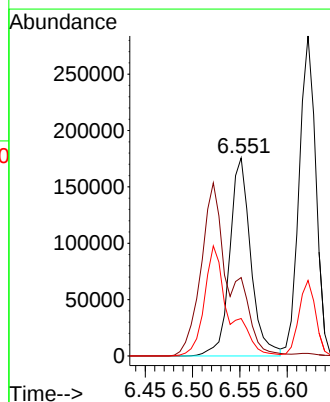
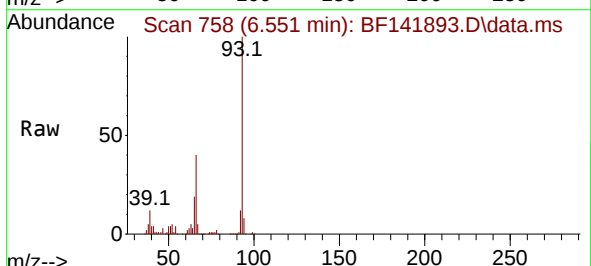
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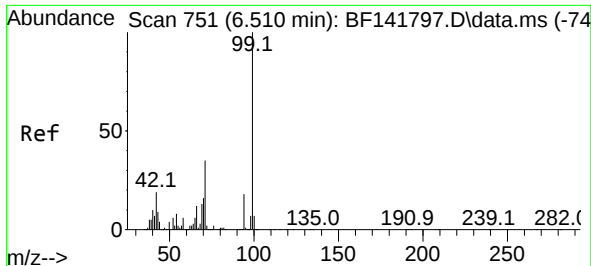
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#6  
Aniline  
Concen: 21.810 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

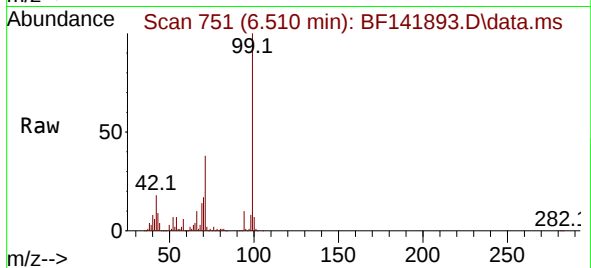
Tgt Ion: 93 Resp: 271425  
Ion Ratio Lower Upper  
93 100  
66 39.6 32.3 48.5  
65 18.9 15.9 23.9





#7  
Phenol-d6  
Concen: 107.760 ng  
RT: 6.510 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

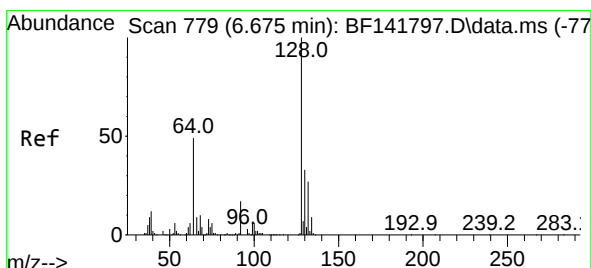
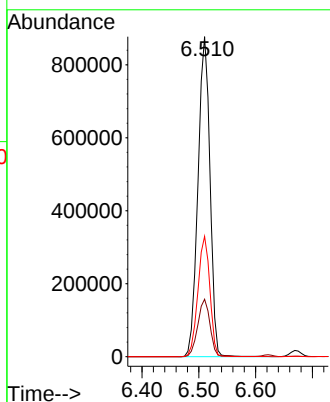
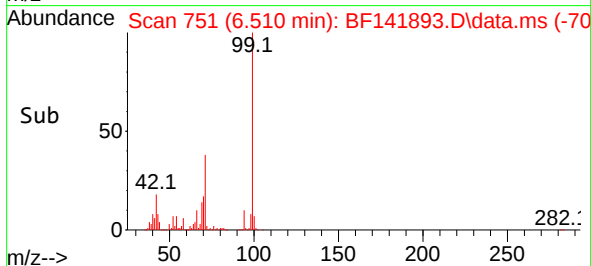
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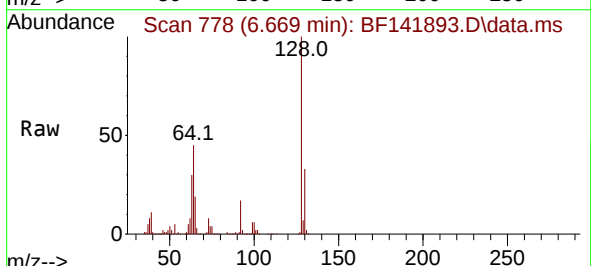
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42 18.0 15.2 22.8  
71 37.6 28.2 42.2

Manual Integrations  
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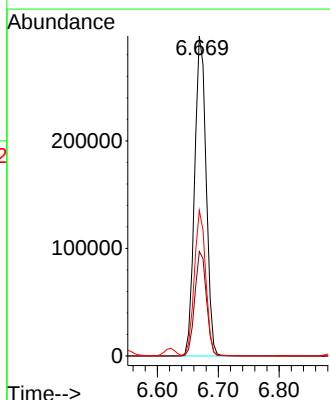
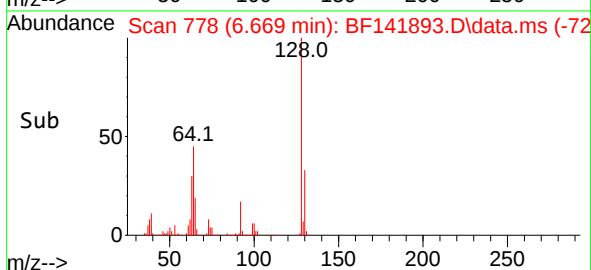
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

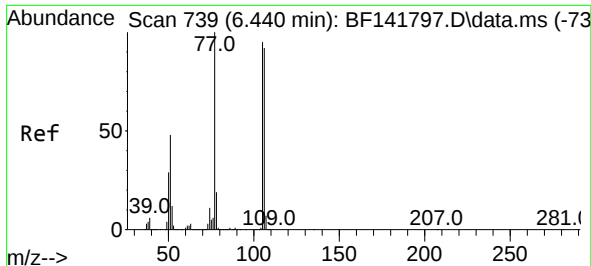


#8  
2-Chlorophenol  
Concen: 39.409 ng  
RT: 6.669 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



Tgt Ion:128 Resp: 392071  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.6 52.6  
64 45.5 31.1 71.1





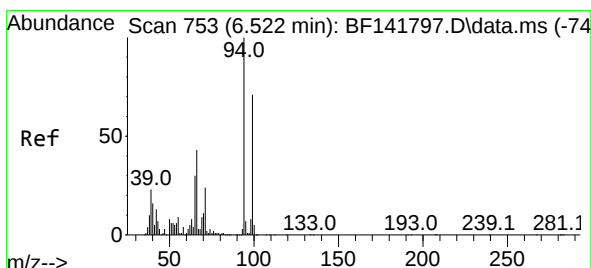
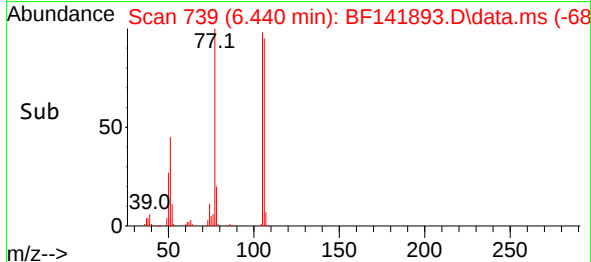
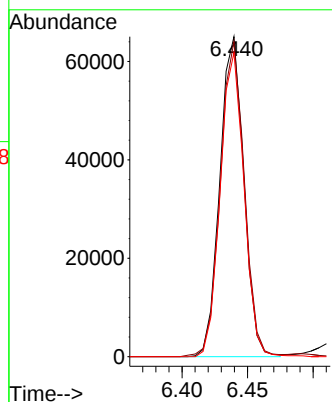
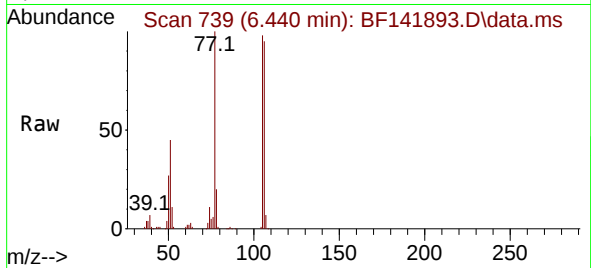
#9  
Benzaldehyde  
Concen: 11.832 ng  
RT: 6.440 min Scan# 710  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS

Tgt Ion: 77 Resp: 8238  
Ion Ratio Lower Upper  
77 100  
105 98.5 75.3 115.3  
106 95.0 72.3 112.3

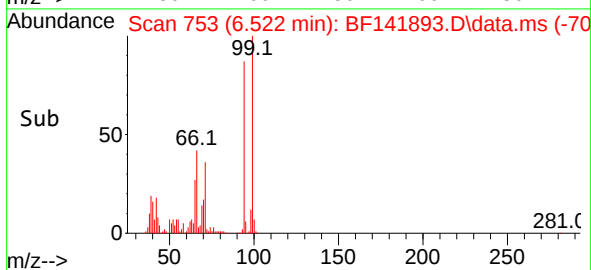
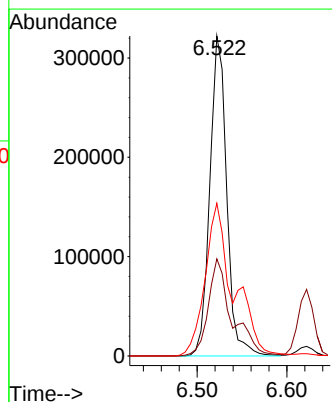
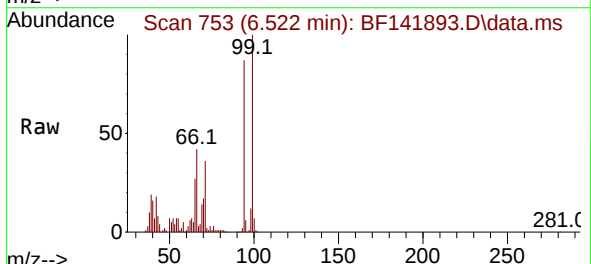
Manual Integrations  
APPROVED

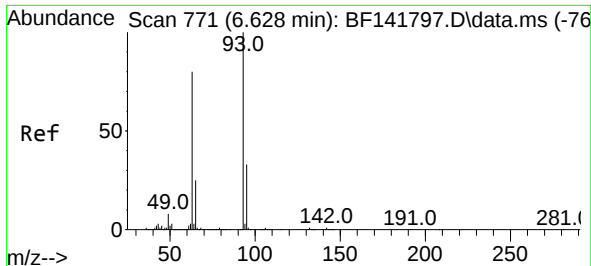
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#10  
Phenol  
Concen: 32.921 ng  
RT: 6.522 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

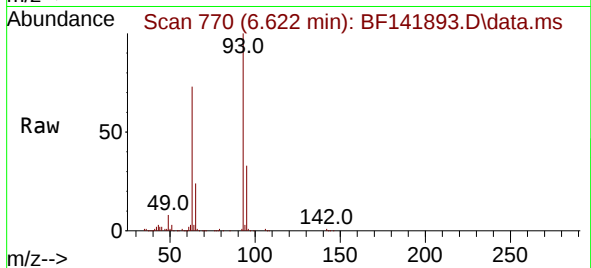
Tgt Ion: 94 Resp: 421103  
Ion Ratio Lower Upper  
94 100  
65 30.3 10.2 50.2  
66 47.7 23.2 63.2





#11  
bis(2-Chloroethyl)ether  
Concen: 35.618 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

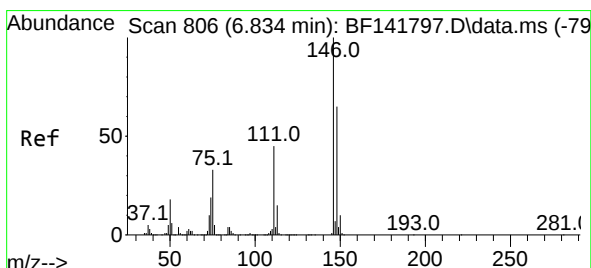
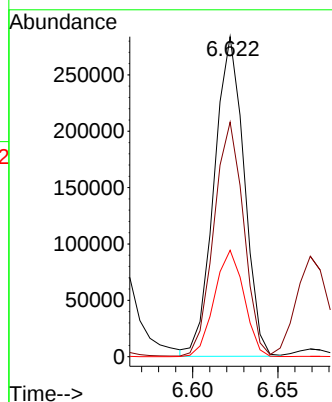
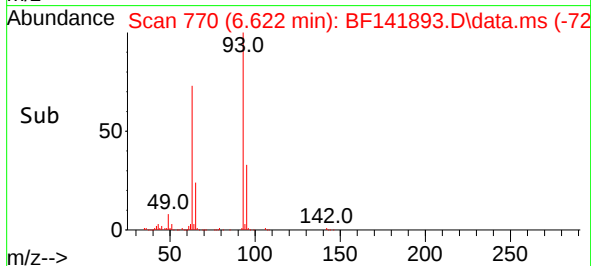
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



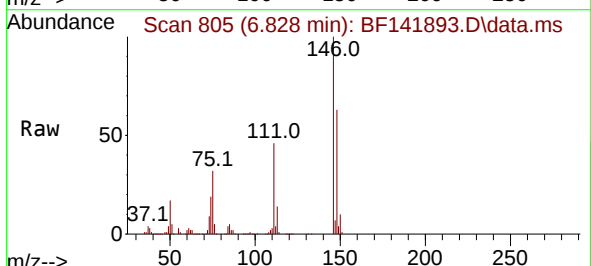
Tgt Ion: 93 Resp: 347294  
Ion Ratio Lower Upper  
93 100  
63 73.3 59.3 99.3  
95 33.3 13.2 53.2

Manual Integrations  
APPROVED

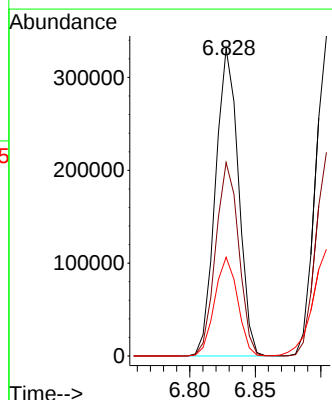
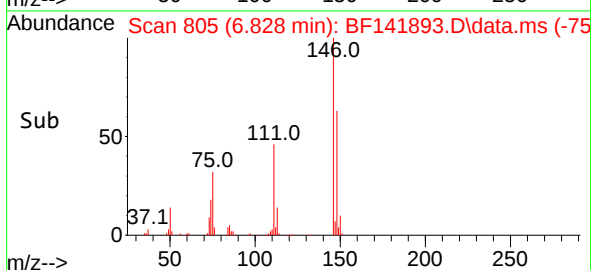
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

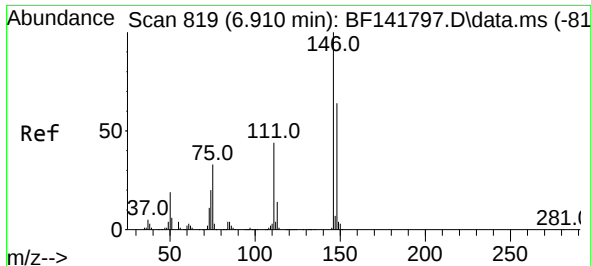


#12  
1,3-Dichlorobenzene  
Concen: 37.867 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



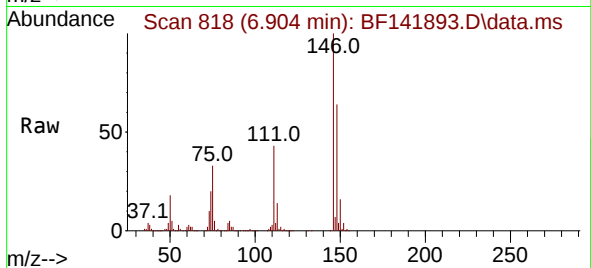
Tgt Ion:146 Resp: 403448  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.8 77.6  
75 32.1 26.2 39.4





#13  
1,4-Dichlorobenzene  
Concen: 38.481 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

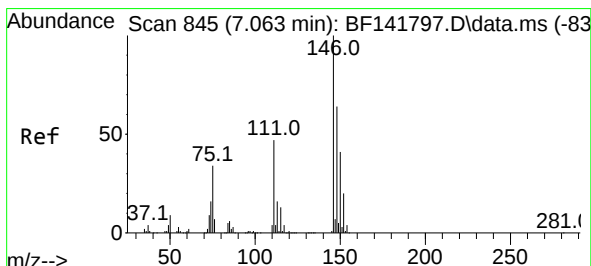
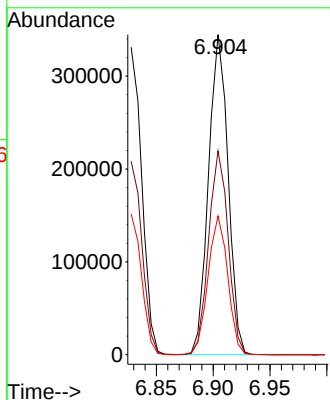
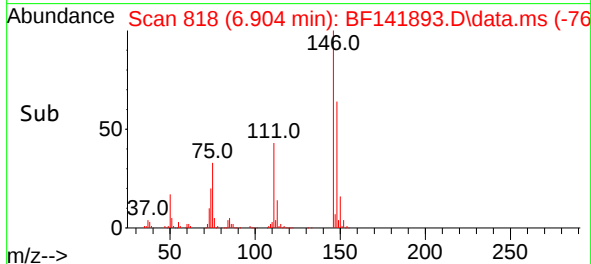
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



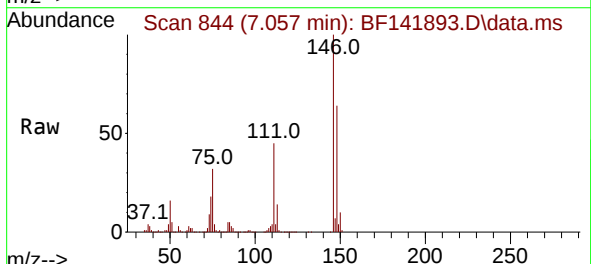
Tgt Ion:146 Resp: 41310  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.4 77.2  
111 43.3 35.5 53.3

Manual Integrations  
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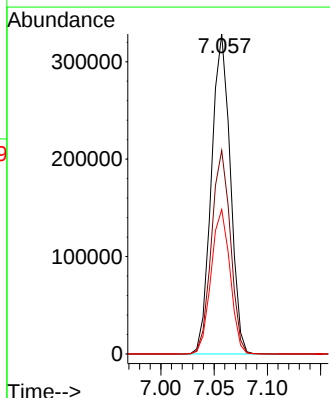
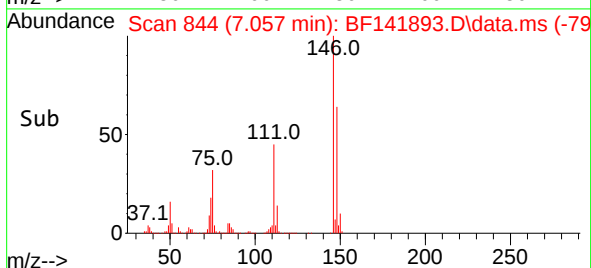
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

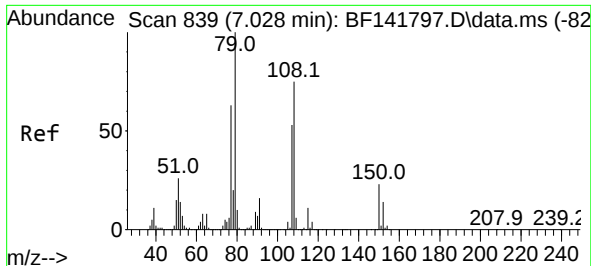


#14  
1,2-Dichlorobenzene  
Concen: 40.318 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



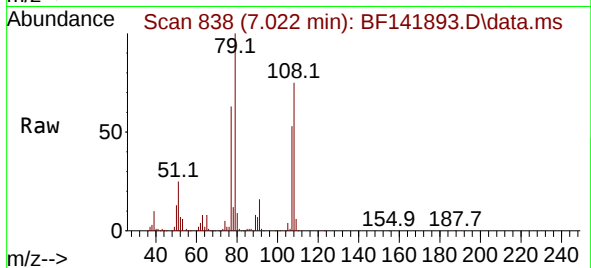
Tgt Ion:146 Resp: 404172  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.2 76.8  
111 45.1 37.8 56.6





#15  
Benzyl Alcohol  
Concen: 39.342 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

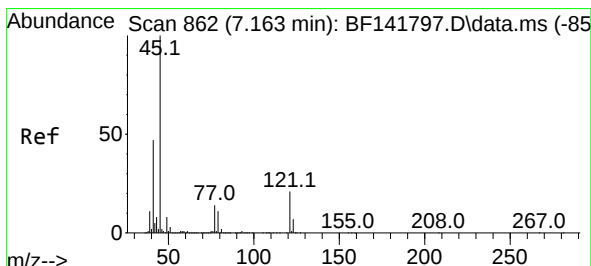
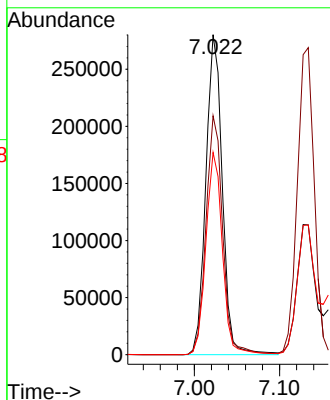
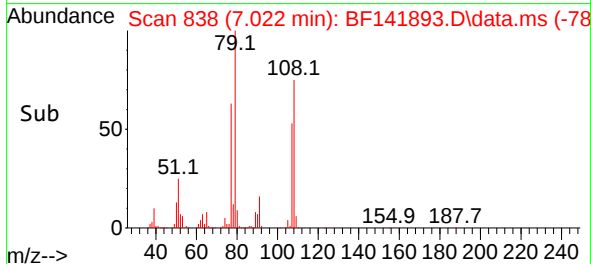
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion: 79 Resp: 37637  
Ion Ratio Lower Upper  
79 100  
108 74.7 60.2 90.2  
77 63.2 50.2 75.2

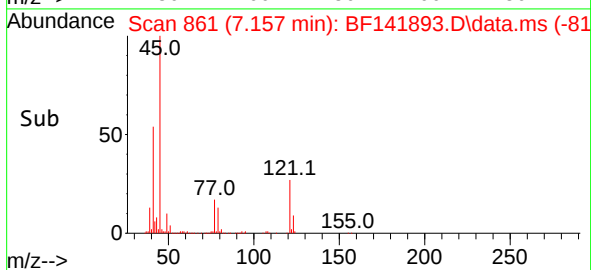
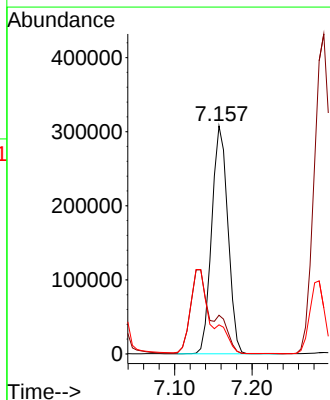
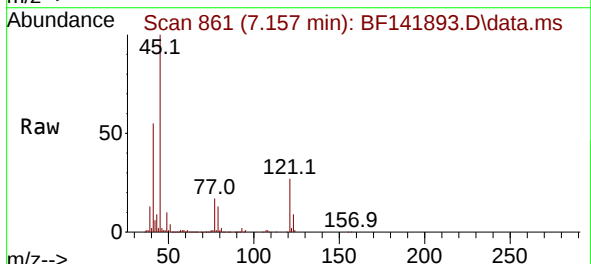
Manual Integrations  
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Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.103 ng  
RT: 7.157 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

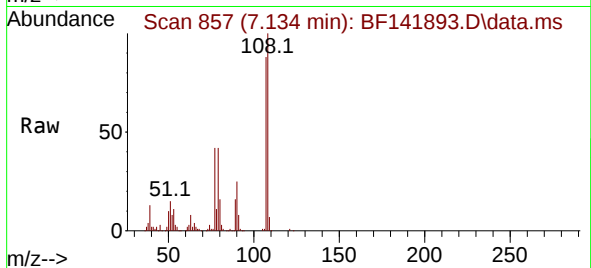
Tgt Ion: 45 Resp: 445763  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 34.4  
79 12.8 0.0 30.9





#17  
2-Methylphenol  
Concen: 39.891 ng  
RT: 7.134 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

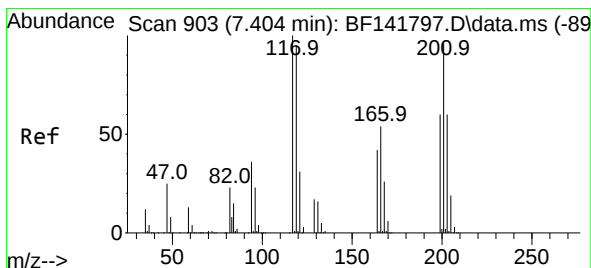
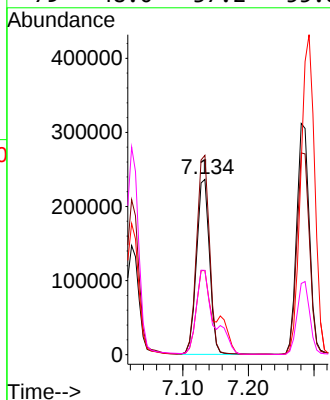
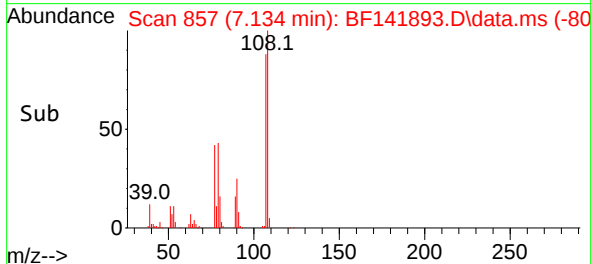
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:107 Resp: 327580  
Ion Ratio Lower Upper  
107 100  
108 113.6 90.6 135.8  
77 48.0 37.7 56.5  
79 48.0 37.2 55.8

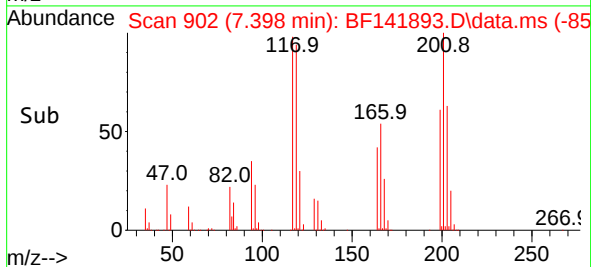
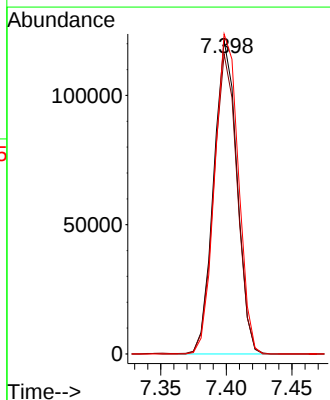
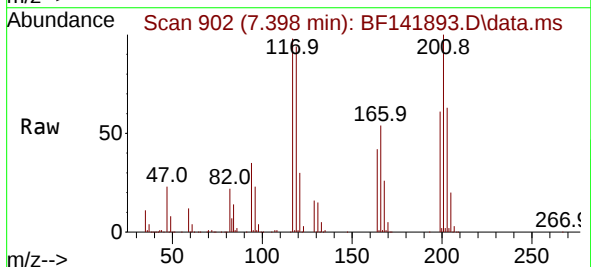
Manual Integrations  
APPROVED

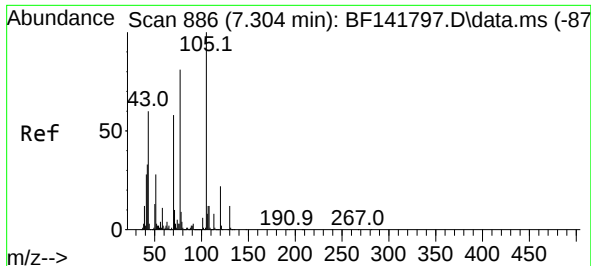
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#18  
Hexachloroethane  
Concen: 37.269 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Tgt Ion:117 Resp: 149748  
Ion Ratio Lower Upper  
117 100  
119 95.7 75.8 113.8  
201 102.1 76.7 115.1





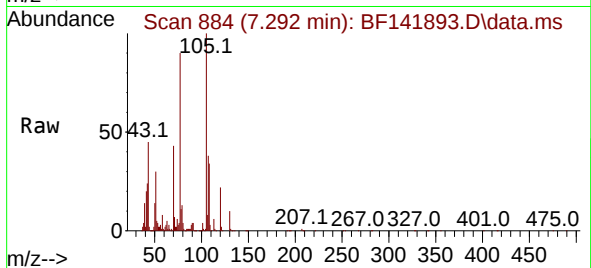
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.114 ng  
RT: 7.292 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS

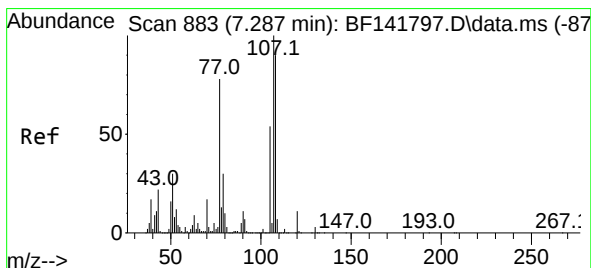
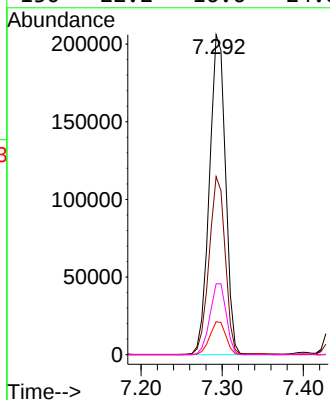
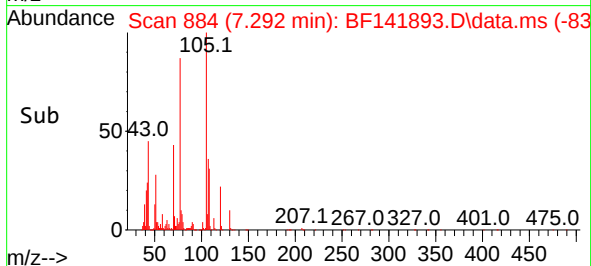


Tgt Ion: 70 Resp: 284179  
Ion Ratio Lower Upper  
70 100  
42 55.7 45.4 68.0  
101 10.3 7.8 11.8  
130 22.2 16.6 24.8

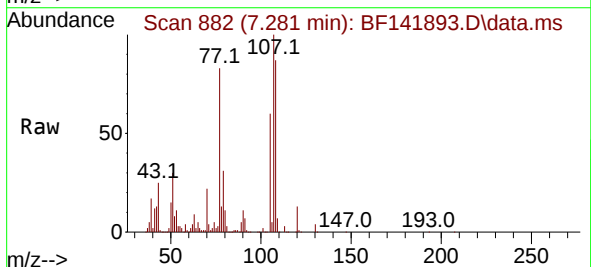
Manual Integrations

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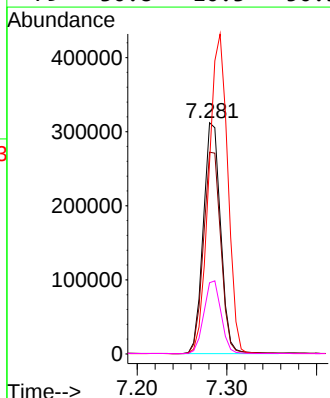
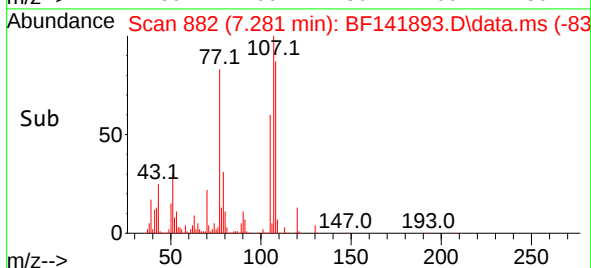
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

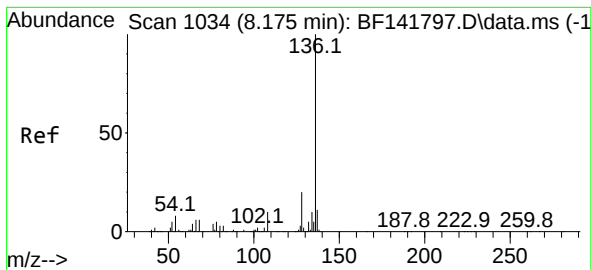


#20  
3+4-Methylphenols  
Concen: 40.811 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



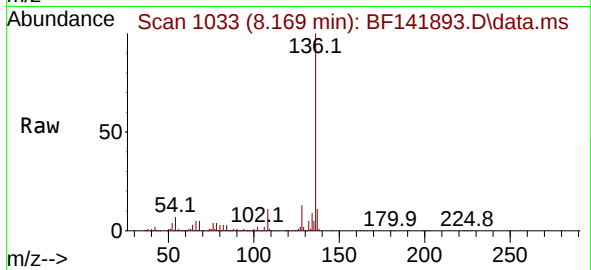
Tgt Ion:107 Resp: 417320  
Ion Ratio Lower Upper  
107 100  
108 87.2 69.7 109.7  
77 82.8 58.3 98.3  
79 30.8 10.3 50.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

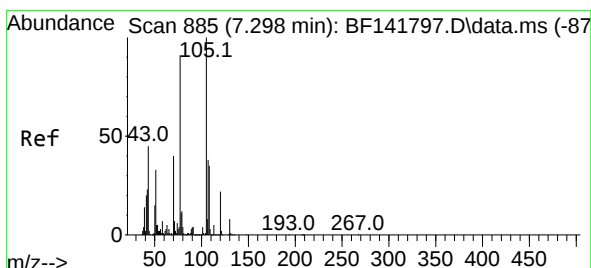
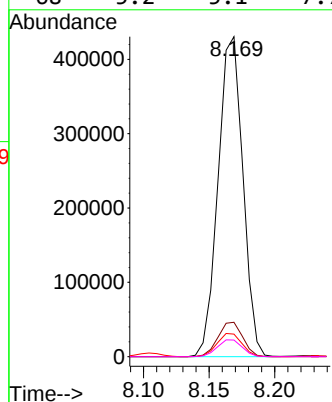
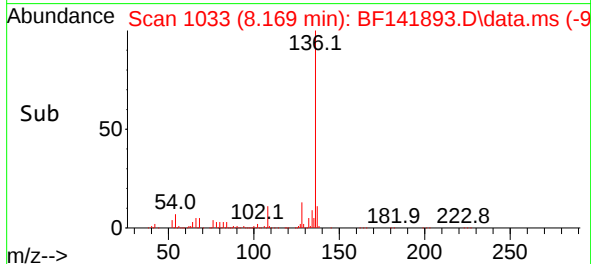
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:136 Resp: 566040  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 7.1 6.9 10.3  
68 5.2 5.1 7.7

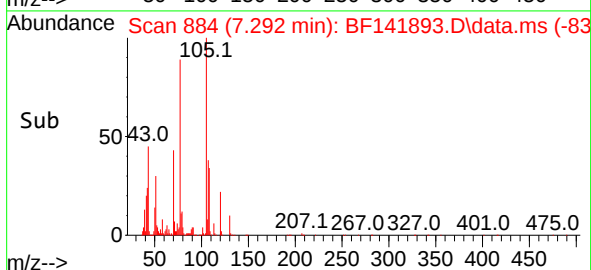
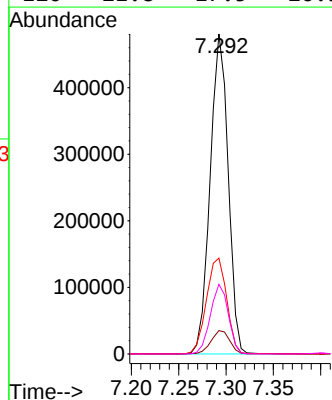
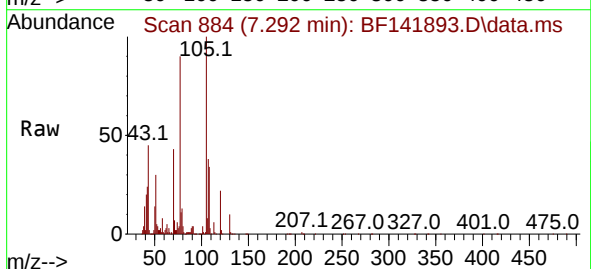
Manual Integrations  
APPROVED

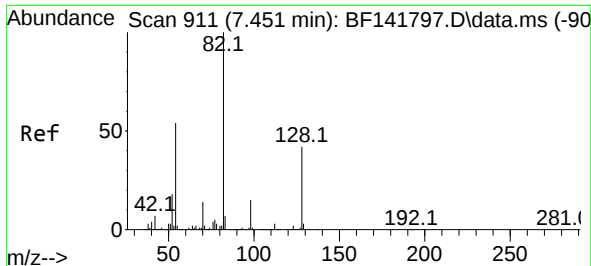
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#22  
Acetophenone  
Concen: 46.096 ng  
RT: 7.292 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Tgt Ion:105 Resp: 635484  
Ion Ratio Lower Upper  
105 100  
71 7.3 5.4 8.0  
51 29.9 26.1 39.1  
120 21.8 17.5 26.3





#23

Nitrobenzene-d5

Concen: 110.305 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS

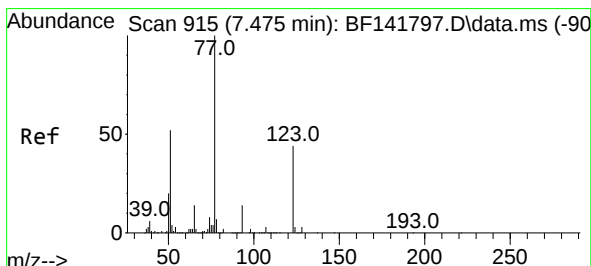
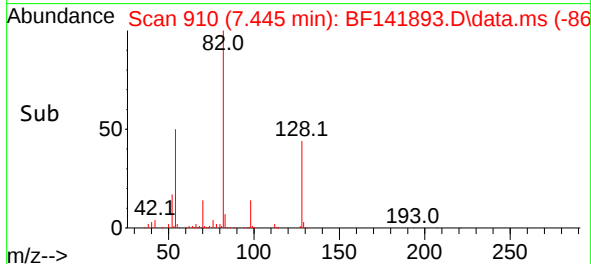
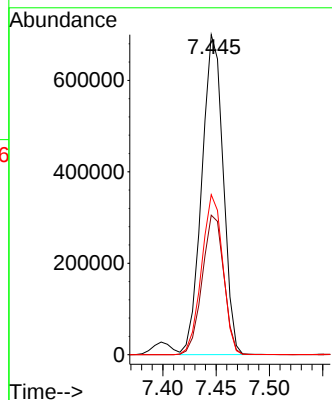
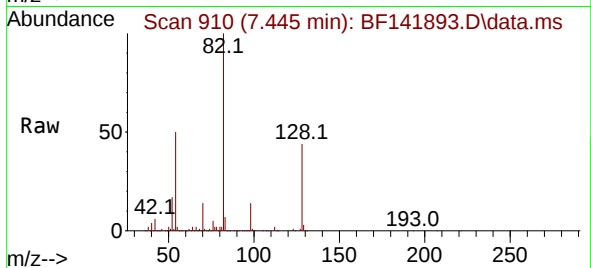
Tgt Ion: 82 Resp: 976810

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.6  | 33.5  | 50.3  |
| 54  | 50.0  | 42.7  | 64.1  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#24

Nitrobenzene

Concen: 44.899 ng

RT: 7.469 min Scan# 914

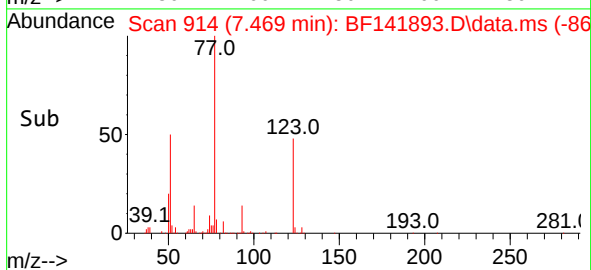
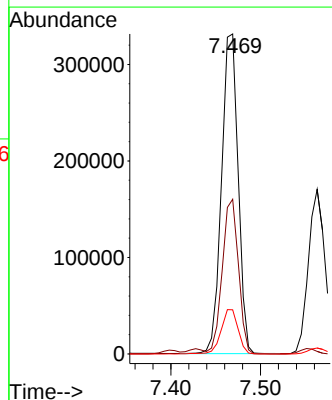
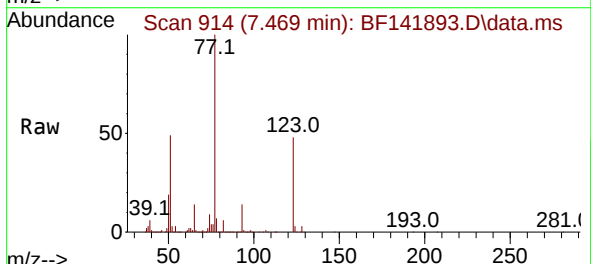
Delta R.T. -0.006 min

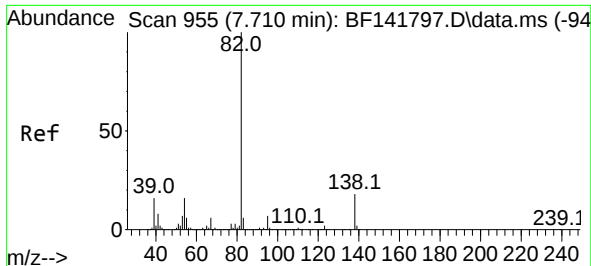
Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Tgt Ion: 77 Resp: 425775

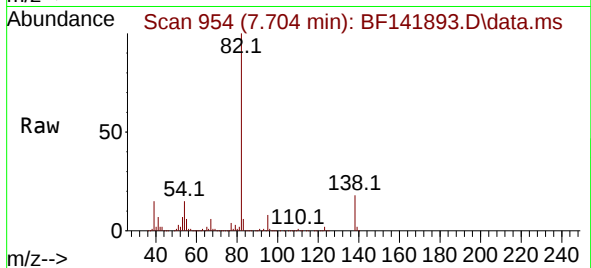
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 48.3  | 35.8  | 53.8  |
| 65  | 13.8  | 11.2  | 16.8  |





#25  
Isophorone  
Concen: 40.987 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

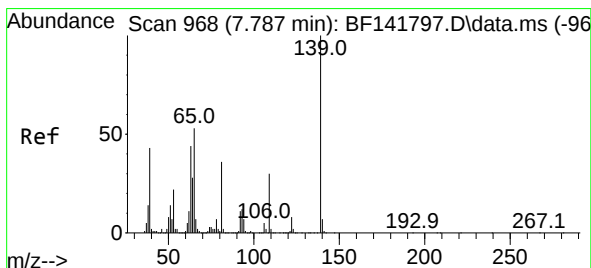
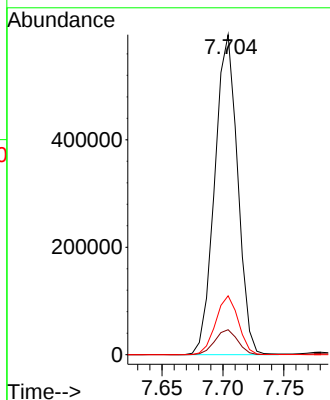
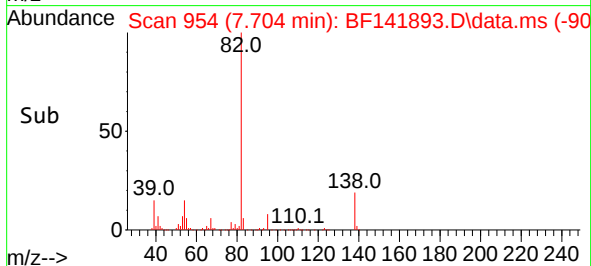
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion: 82 Resp: 77977  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.8 8.8  
138 18.4 14.0 21.0

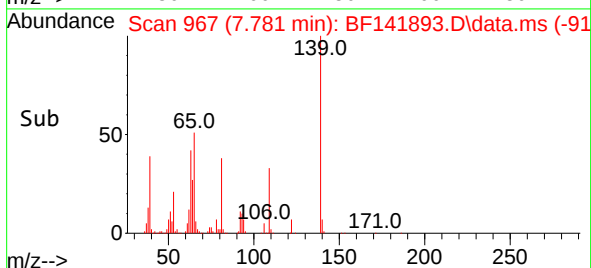
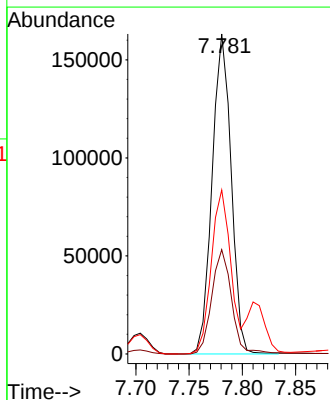
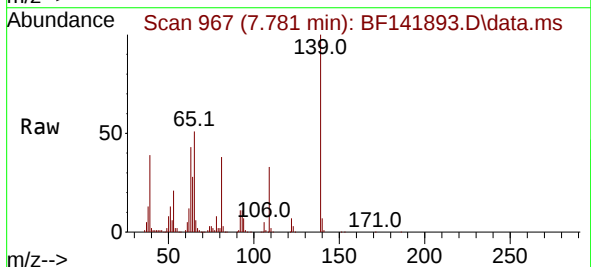
Manual Integrations  
APPROVED

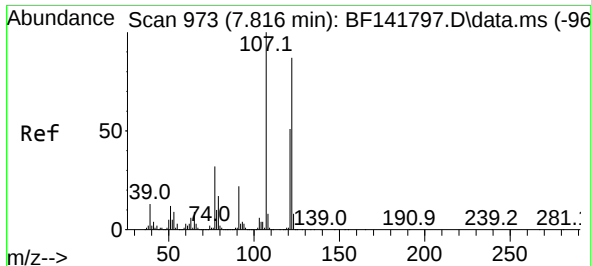
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#26  
2-Nitrophenol  
Concen: 47.827 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Tgt Ion:139 Resp: 202530  
Ion Ratio Lower Upper  
139 100  
109 32.6 24.1 36.1  
65 51.2 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 49.638 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141893.D

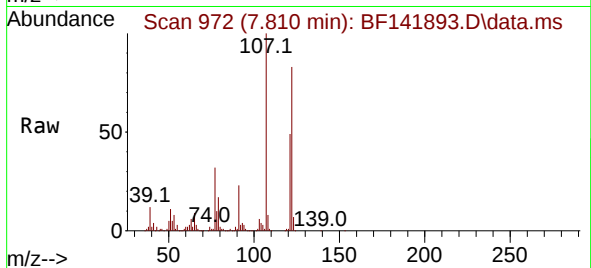
Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS



Tgt Ion:122 Resp: 34714

Ion Ratio Lower Upper

122 100

107 120.5 92.5 138.7

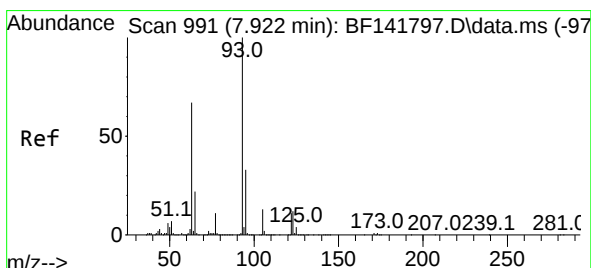
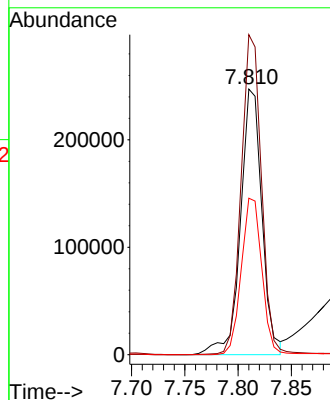
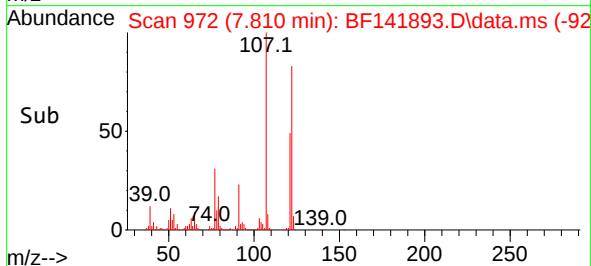
121 58.9 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.700 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

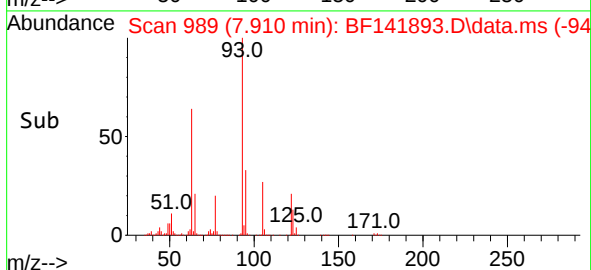
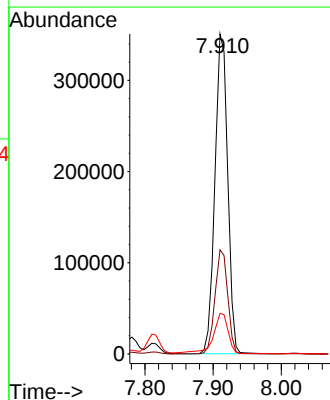
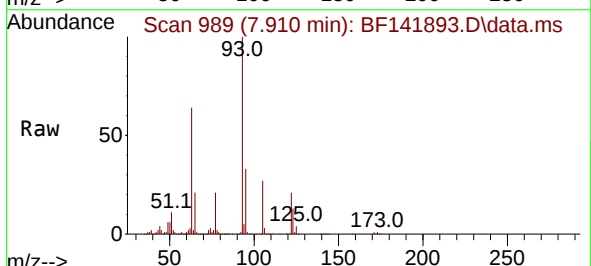
Tgt Ion: 93 Resp: 457528

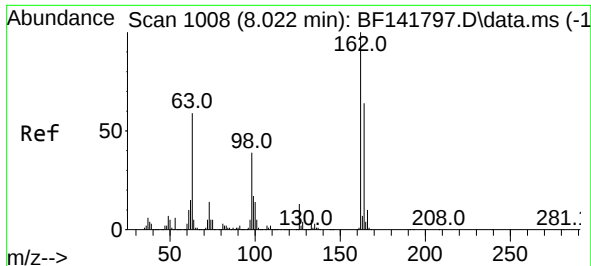
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 12.7 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.882 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS

Tgt Ion:162 Resp: 34596

Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

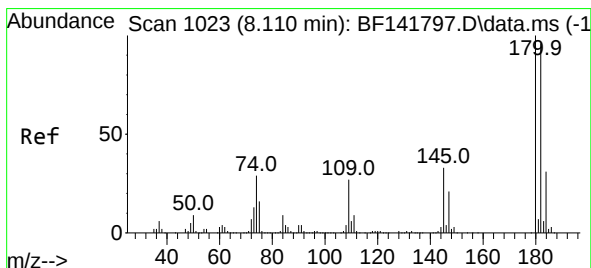
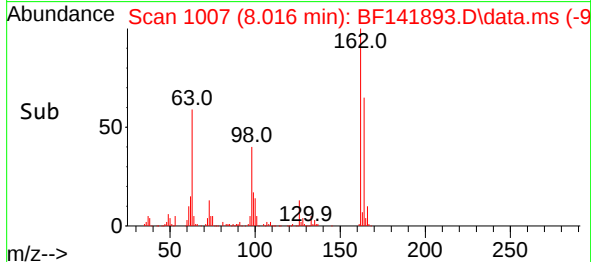
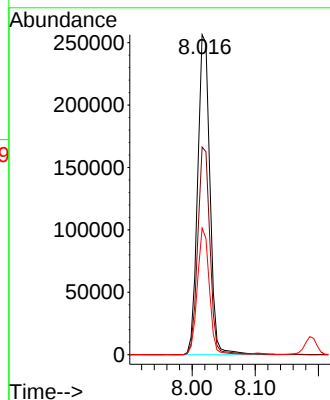
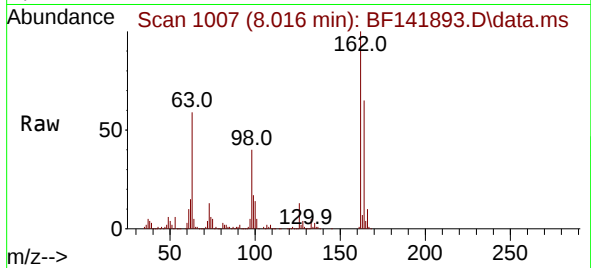
98 39.5 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.399 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

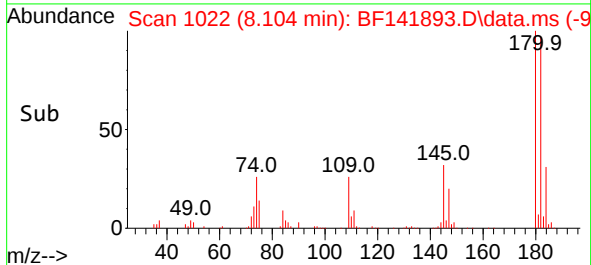
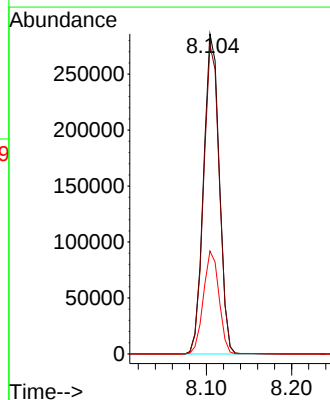
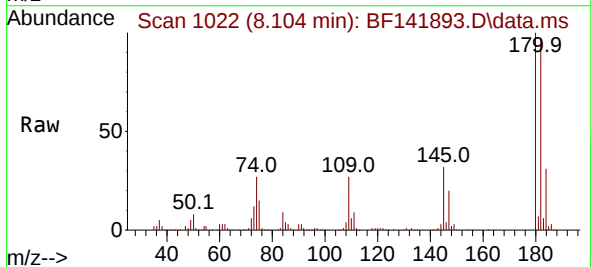
Tgt Ion:180 Resp: 365988

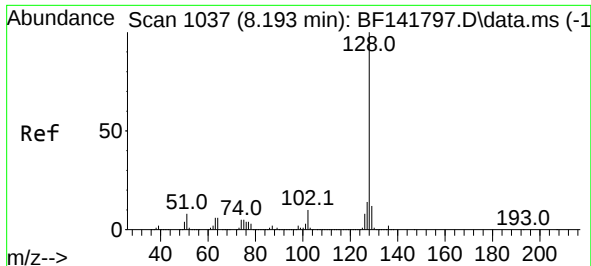
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

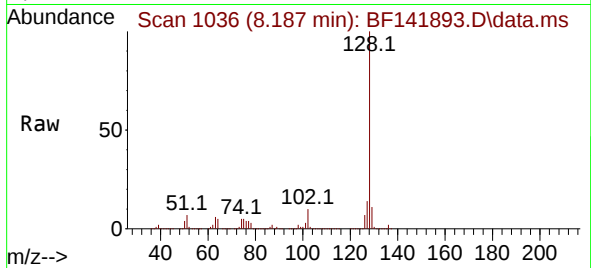
145 32.2 26.4 39.6





#31  
Naphthalene  
Concen: 39.230 ng  
RT: 8.187 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

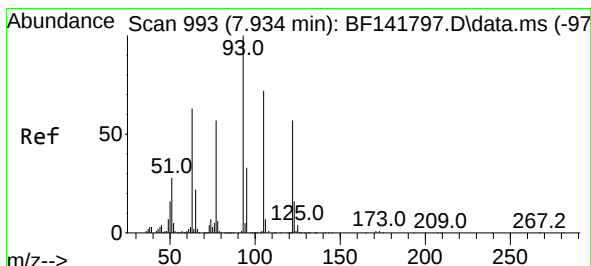
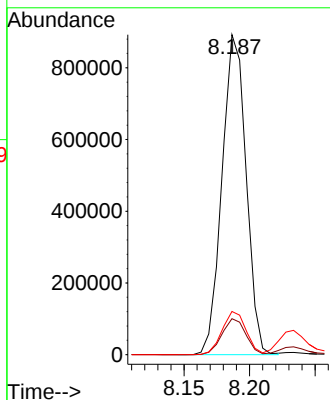
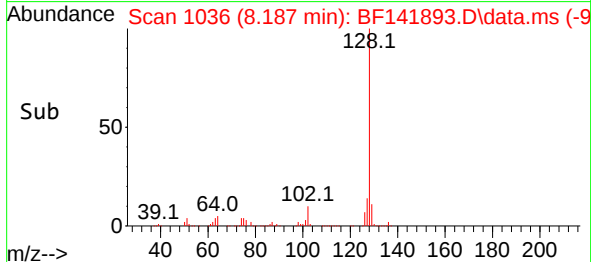
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:128 Resp: 114128  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.5 11.0 16.4

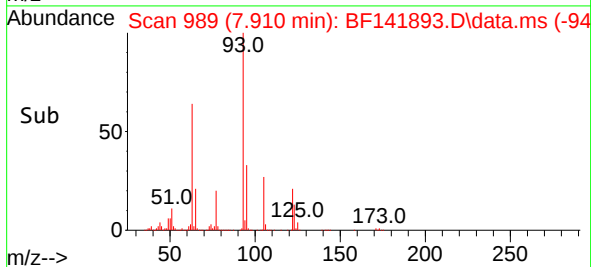
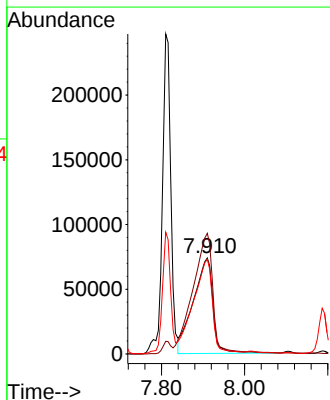
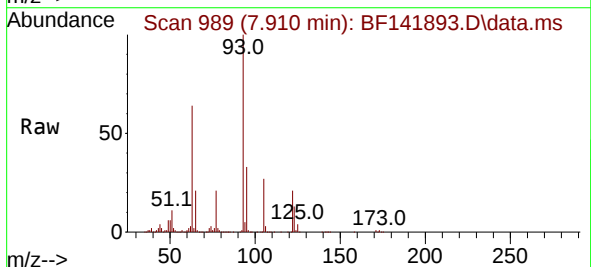
Manual Integrations  
APPROVED

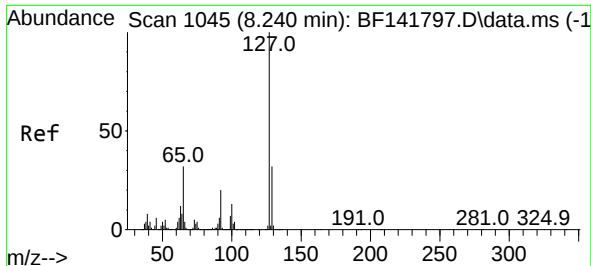
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#32  
Benzoic acid  
Concen: 43.017 ng  
RT: 7.910 min Scan# 989  
Delta R.T. -0.024 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

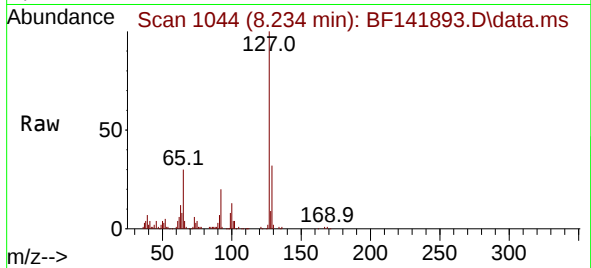
Tgt Ion:122 Resp: 245541  
Ion Ratio Lower Upper  
122 100  
105 125.7 105.8 145.8  
77 98.7 79.9 119.9





#33  
4-Chloroaniline  
Concen: 11.018 ng  
RT: 8.234 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

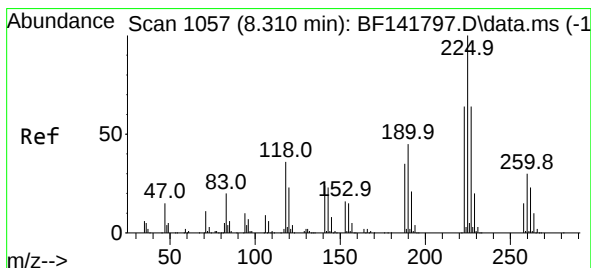
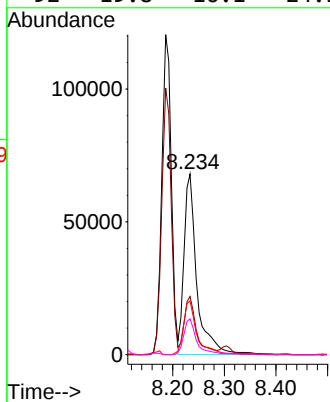
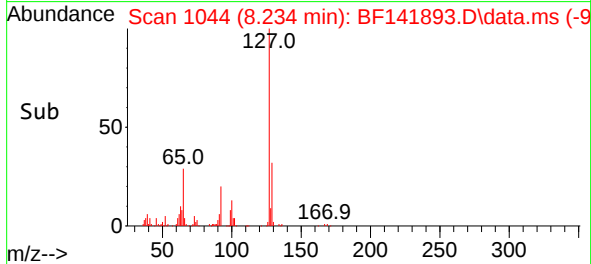
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:127 Resp: 11753  
Ion Ratio Lower Upper  
127 100  
129 32.3 26.1 39.1  
65 29.8 25.7 38.5  
92 19.8 16.1 24.1

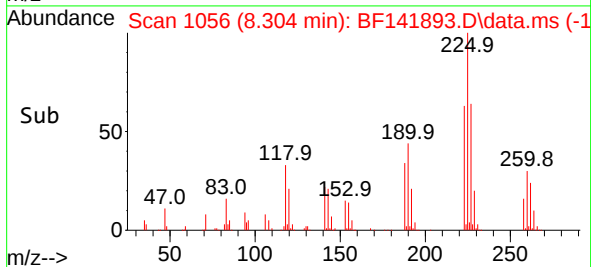
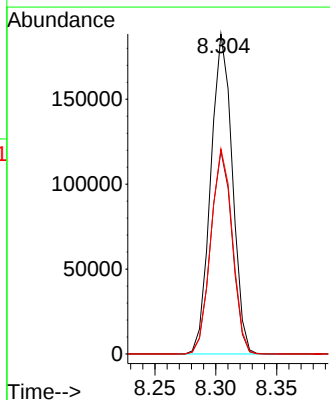
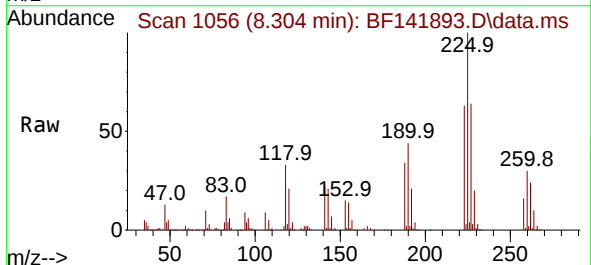
Manual Integrations  
APPROVED

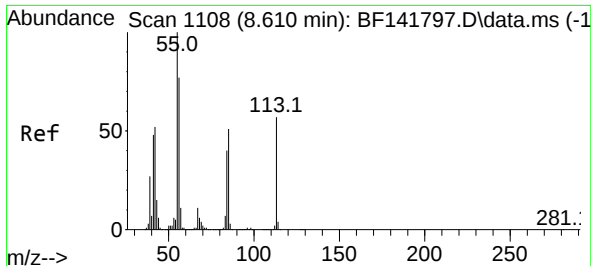
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#34  
Hexachlorobutadiene  
Concen: 42.309 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

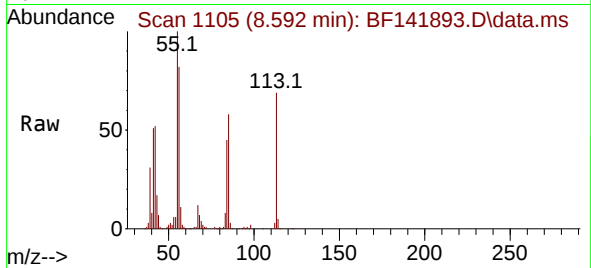
Tgt Ion:225 Resp: 232432  
Ion Ratio Lower Upper  
225 100  
223 63.4 51.4 77.2  
227 64.1 51.6 77.4





#35  
Caprolactam  
Concen: 43.446 ng m  
RT: 8.592 min Scan# 1105  
Delta R.T. -0.018 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

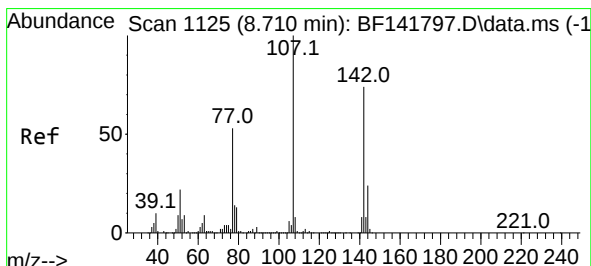
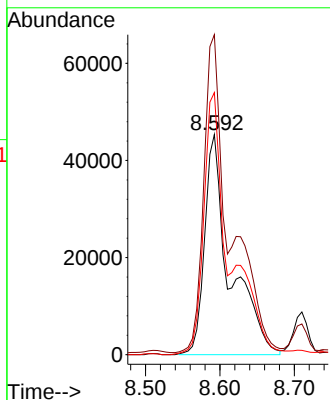
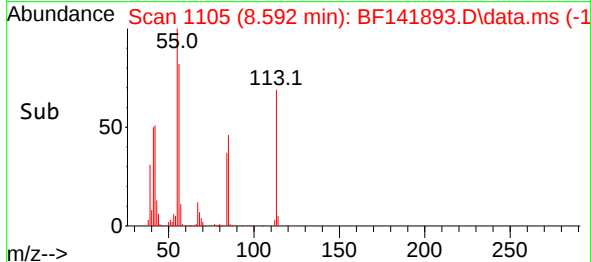
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:113 Resp: 107829  
Ion Ratio Lower Upper  
113 100  
55 145.4 155.6 195.6  
56 119.0 114.6 154.6

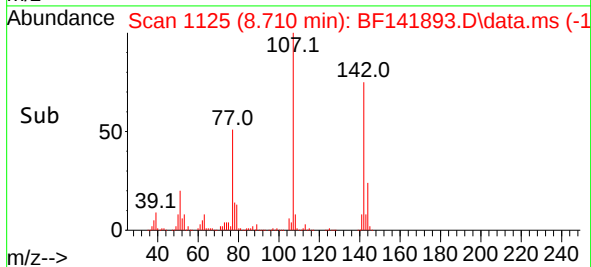
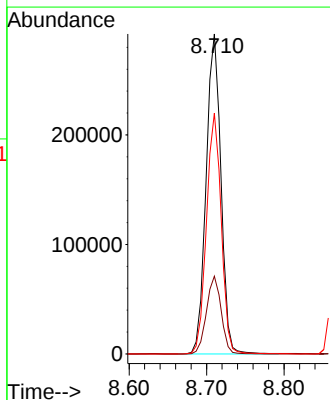
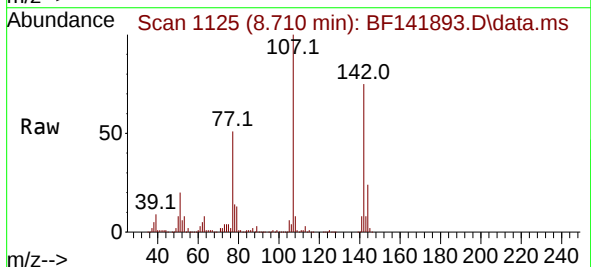
Manual Integrations  
APPROVED

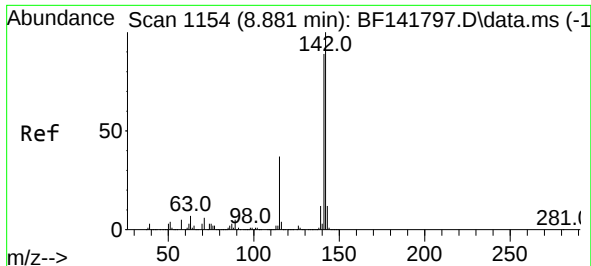
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#36  
4-Chloro-3-methylphenol  
Concen: 43.283 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

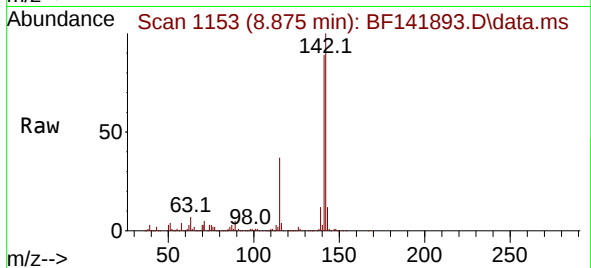
Tgt Ion:107 Resp: 387917  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.4 29.0  
142 75.3 59.4 89.0





#37  
2-Methylnaphthalene  
Concen: 40.308 ng  
RT: 8.875 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

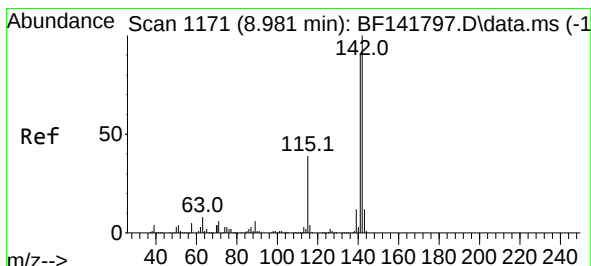
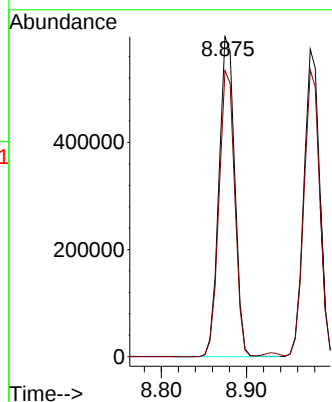
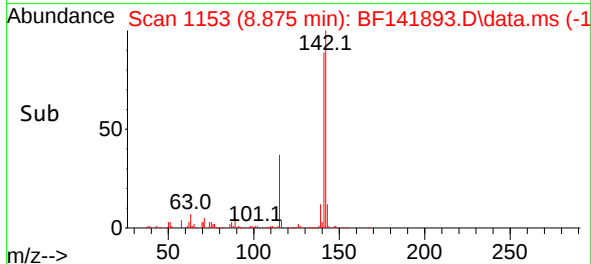
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:142 Resp: 769169  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.1 106.7

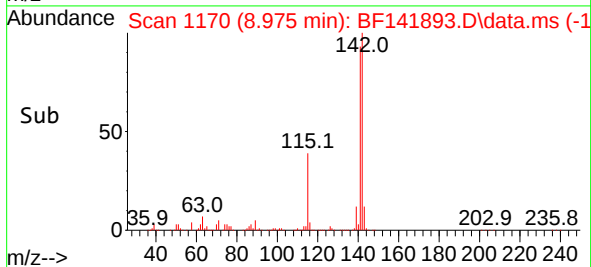
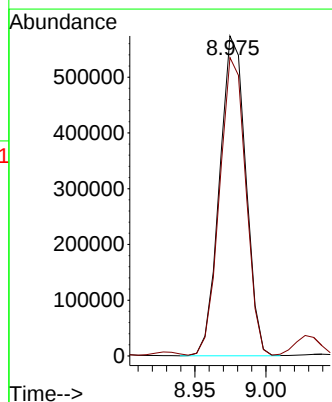
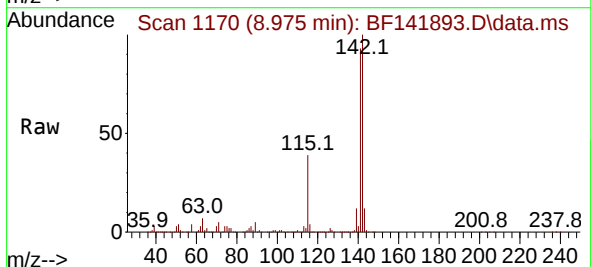
Manual Integrations  
APPROVED

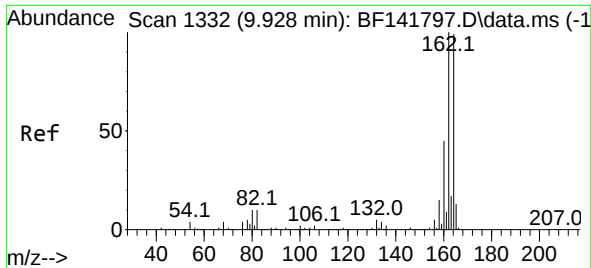
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#38  
1-Methylnaphthalene  
Concen: 40.174 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

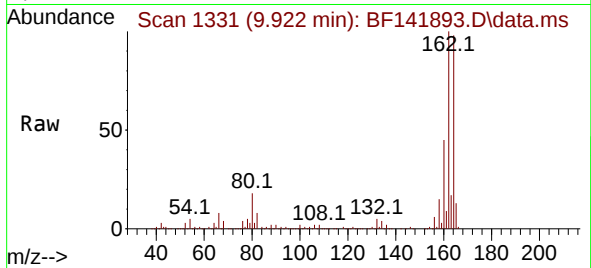
Tgt Ion:142 Resp: 735586  
Ion Ratio Lower Upper  
142 100  
141 93.3 73.1 109.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

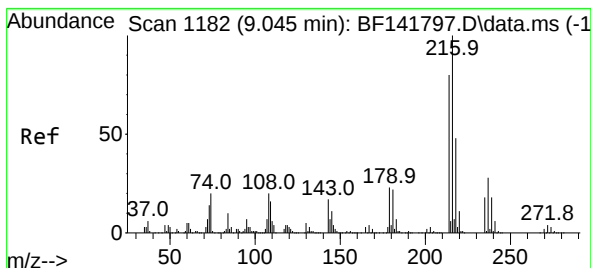
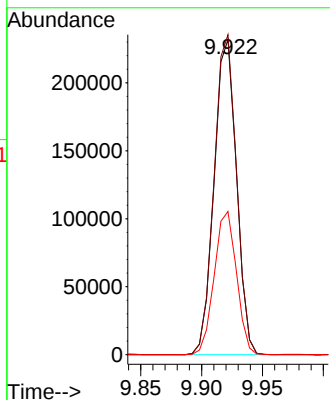
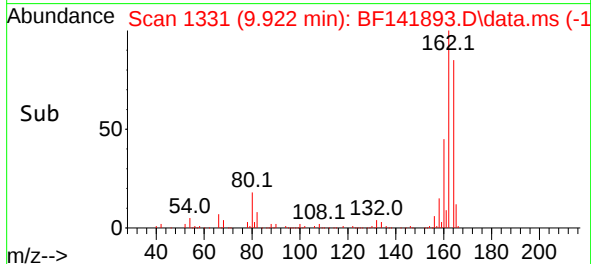
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:164 Resp: 296352  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.6 120.8  
160 45.5 36.3 54.5

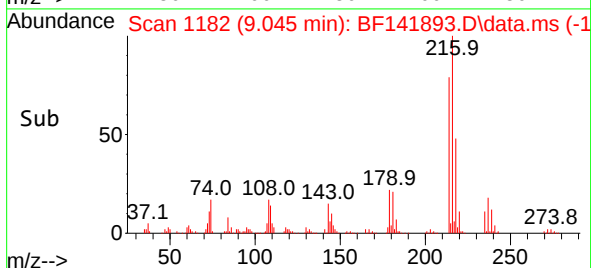
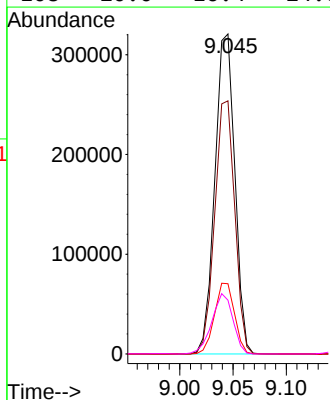
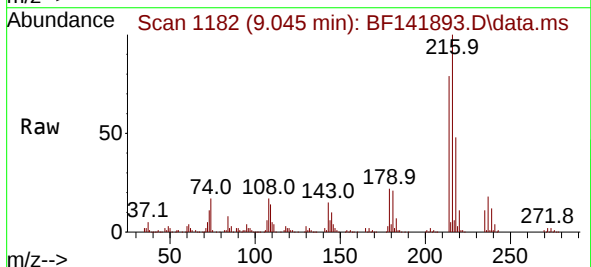
Manual Integrations  
APPROVED

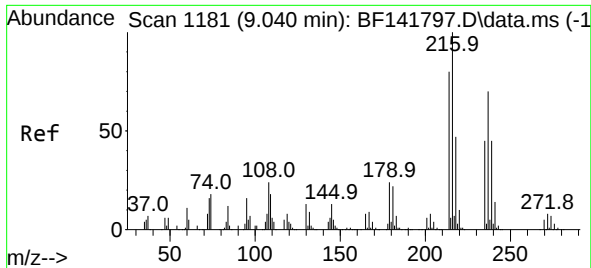
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.755 ng  
RT: 9.045 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

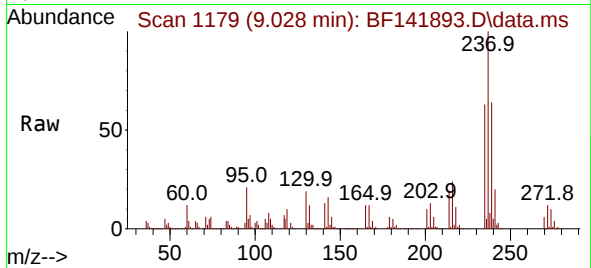
Tgt Ion:216 Resp: 417293  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.5 95.3  
179 22.2 18.1 27.1  
108 20.0 16.4 24.6





#41  
Hexachlorocyclopentadiene  
Concen: 107.863 ng  
RT: 9.028 min Scan# 1181  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

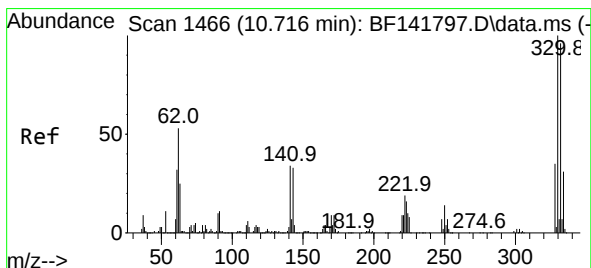
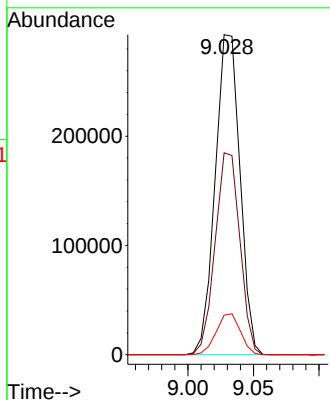
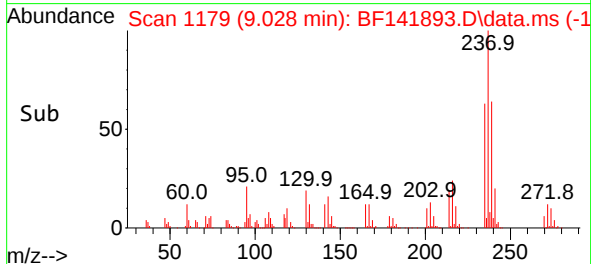
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



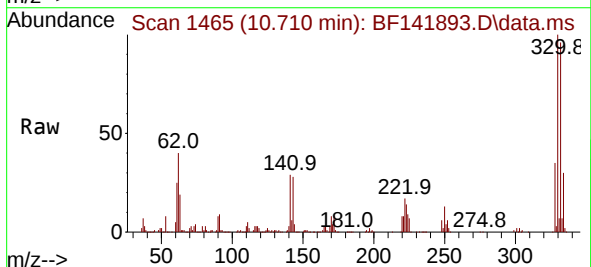
Tgt Ion:237 Resp: 38527  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.3 83.3  
272 12.3 0.0 31.9

Manual Integrations  
APPROVED

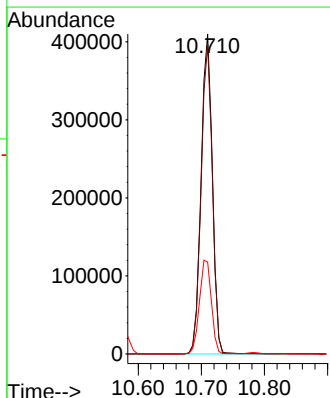
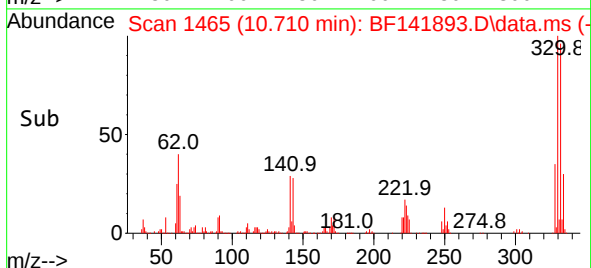
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

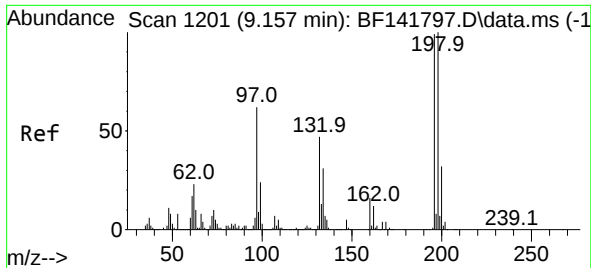


#42  
2,4,6-Tribromophenol  
Concen: 182.438 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



Tgt Ion:330 Resp: 507581  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.6 115.0  
141 31.1 29.0 43.4





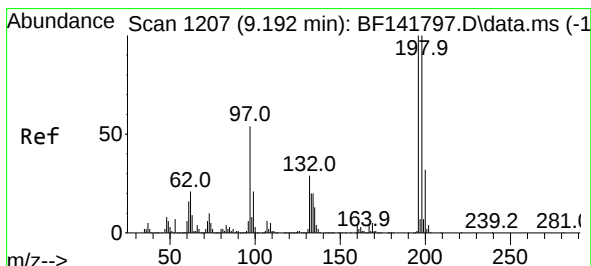
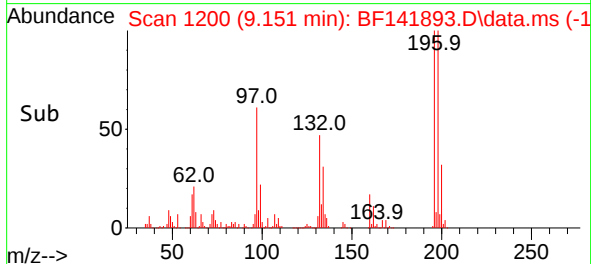
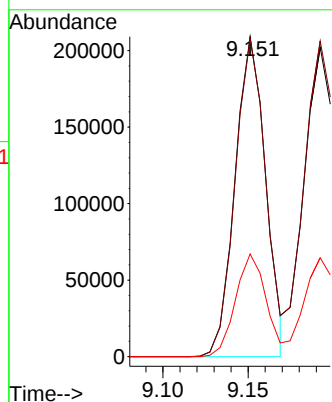
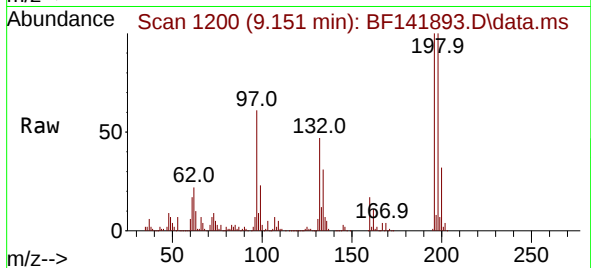
#43  
2,4,6-Trichlorophenol  
Concen: 47.135 ng  
RT: 9.151 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS

Tgt Ion:196 Resp: 260598  
Ion Ratio Lower Upper  
196 100  
198 99.5 80.4 120.6  
200 32.1 25.7 38.5

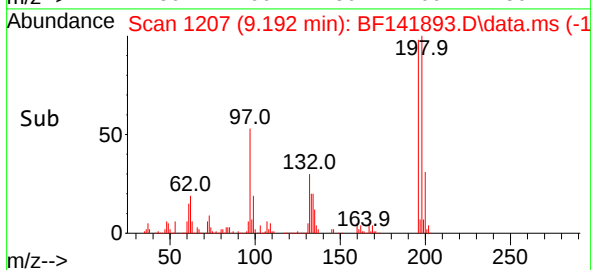
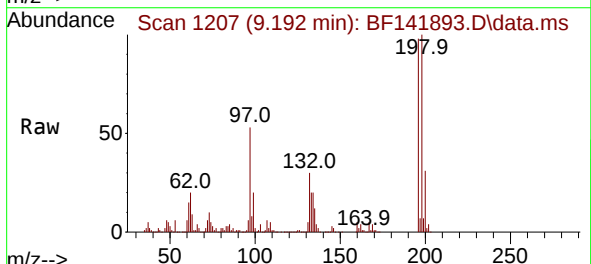
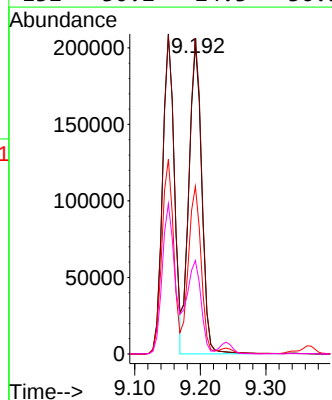
Manual Integrations  
APPROVED

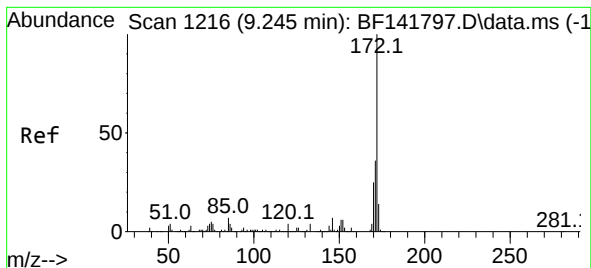
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#44  
2,4,5-Trichlorophenol  
Concen: 49.921 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

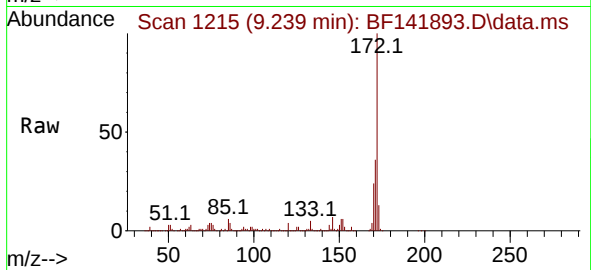
Tgt Ion:196 Resp: 273305  
Ion Ratio Lower Upper  
196 100  
198 102.1 79.7 119.5  
97 54.2 44.2 66.2  
132 30.2 24.3 36.5





#45  
2-Fluorobiphenyl  
Concen: 102.150 ng  
RT: 9.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

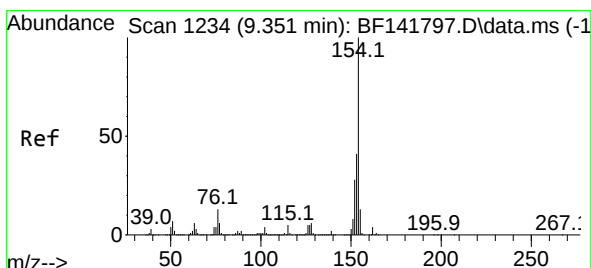
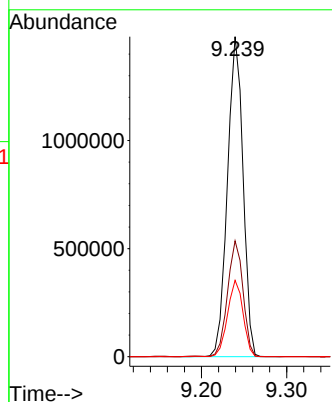
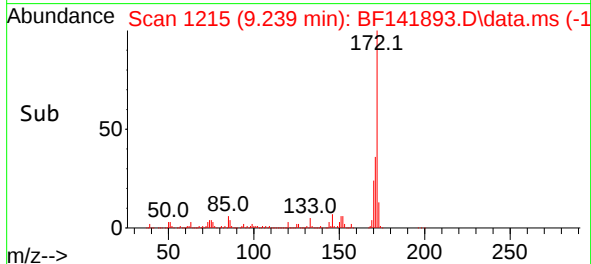
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



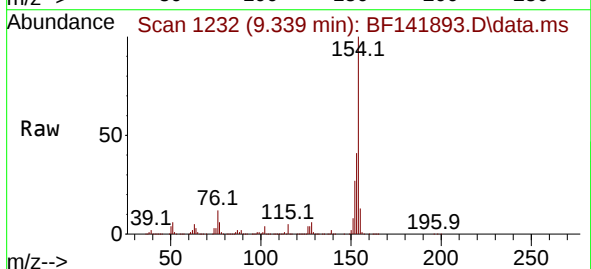
Tgt Ion:172 Resp: 1887954  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.2 43.8  
170 23.8 19.7 29.5

Manual Integrations  
APPROVED

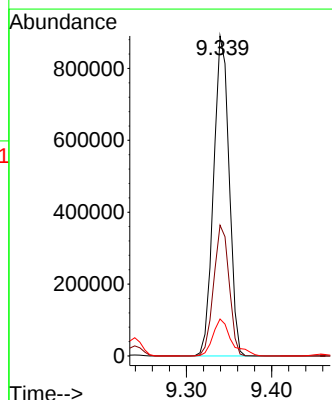
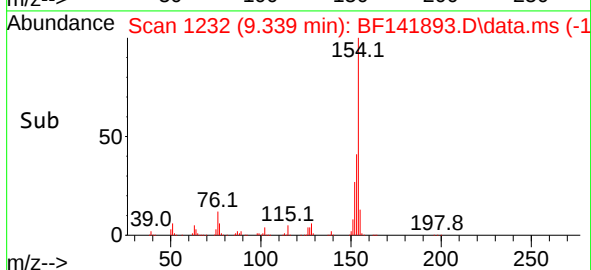
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

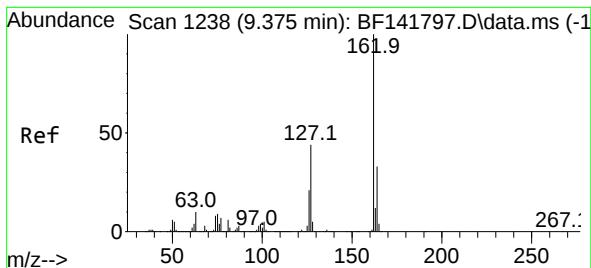


#46  
1,1'-Biphenyl  
Concen: 49.994 ng  
RT: 9.339 min Scan# 1232  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



Tgt Ion:154 Resp: 1127721  
Ion Ratio Lower Upper  
154 100  
153 40.9 21.4 61.4  
76 11.6 0.0 33.4





#47

2-Chloronaphthalene

Concen: 45.026 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS

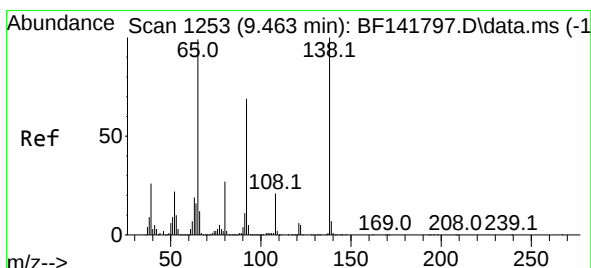
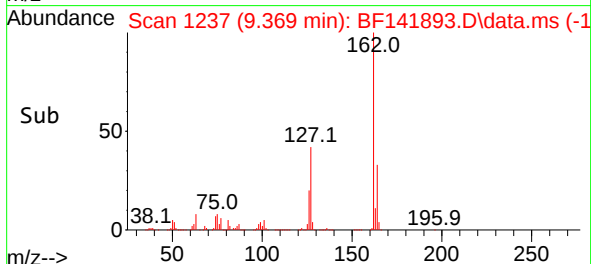
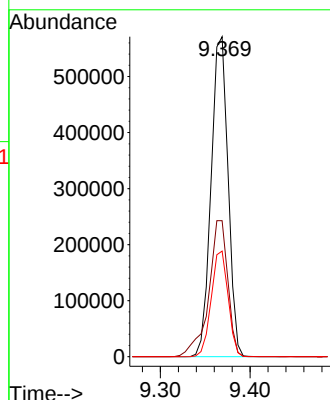
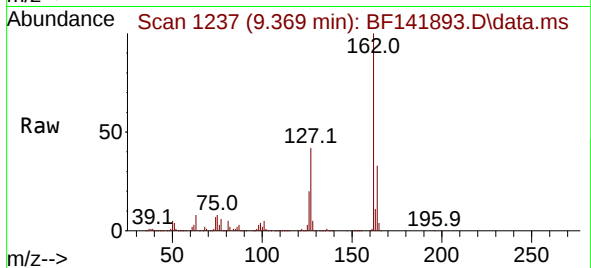
Tgt Ion:162 Resp: 749620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.5  | 35.0  | 52.6  |
| 164 | 33.0  | 26.6  | 40.0  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#48

2-Nitroaniline

Concen: 52.027 ng

RT: 9.457 min Scan# 1252

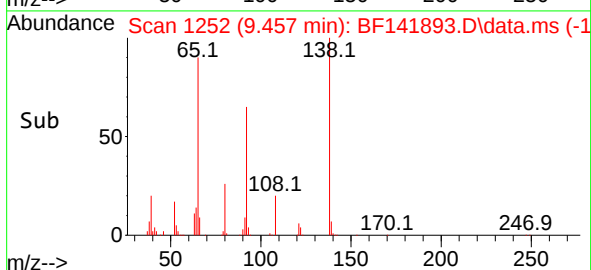
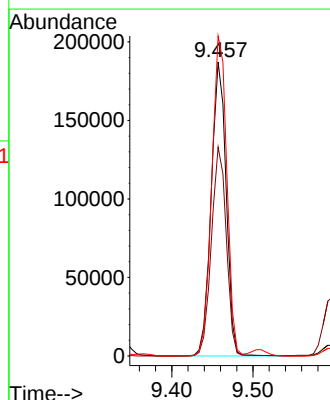
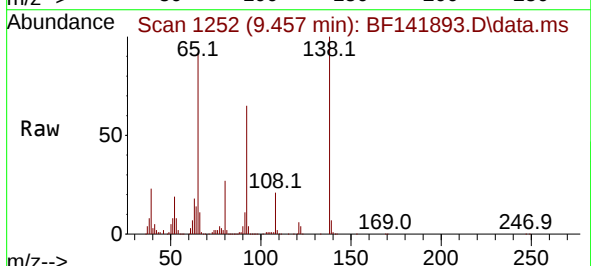
Delta R.T. -0.006 min

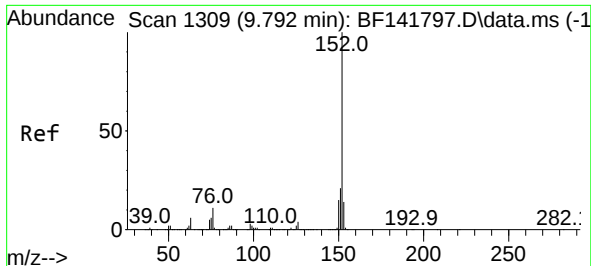
Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Tgt Ion: 65 Resp: 238921

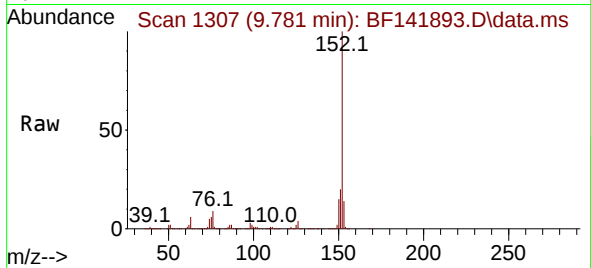
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 71.0  | 55.7  | 83.5  |
| 138 | 108.9 | 80.6  | 121.0 |





#49  
Acenaphthylene  
Concen: 47.266 ng  
RT: 9.781 min Scan# 117984  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

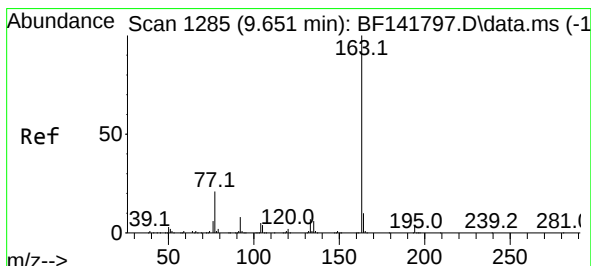
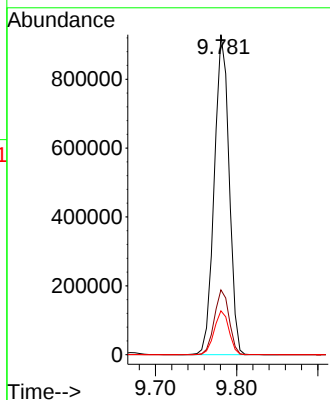
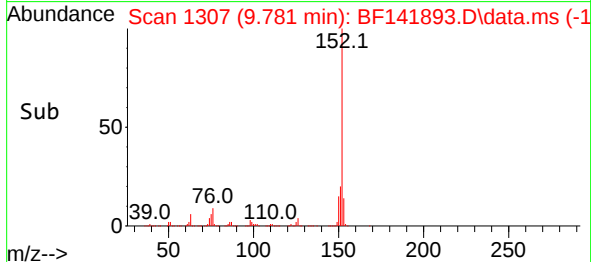
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:152 Resp: 117984  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.6 24.8  
153 13.7 11.2 16.8

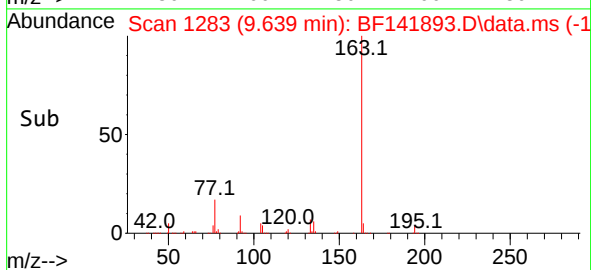
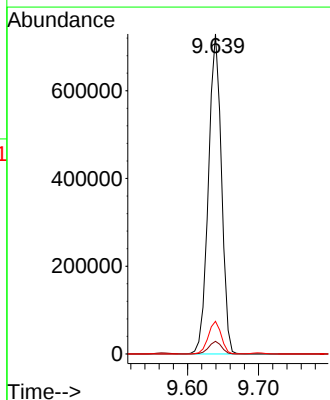
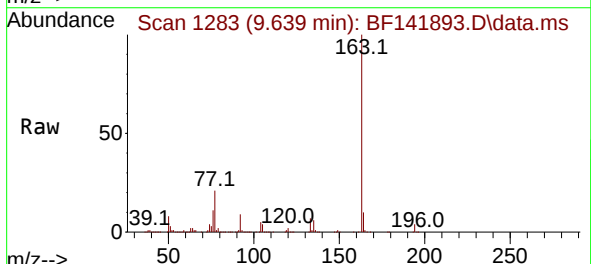
Manual Integrations  
APPROVED

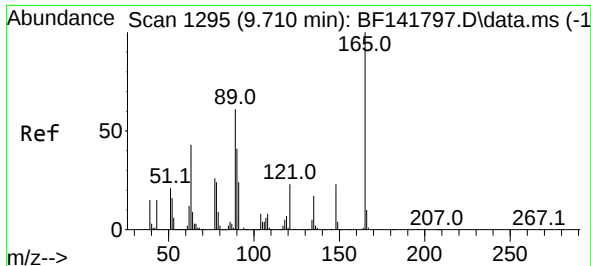
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#50  
Dimethylphthalate  
Concen: 46.861 ng  
RT: 9.639 min Scan# 1283  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

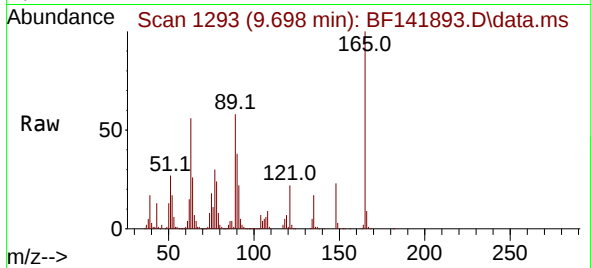
Tgt Ion:163 Resp: 929996  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.2 8.4 12.6





#51  
2,6-Dinitrotoluene  
Concen: 53.116 ng  
RT: 9.698 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

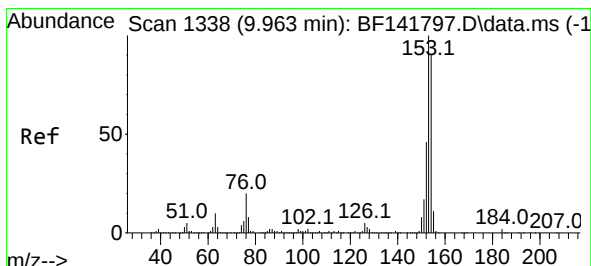
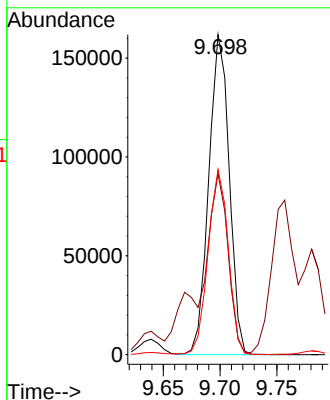
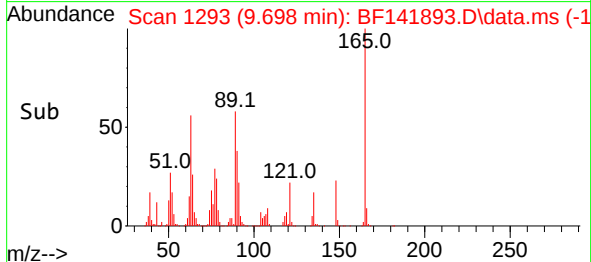
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



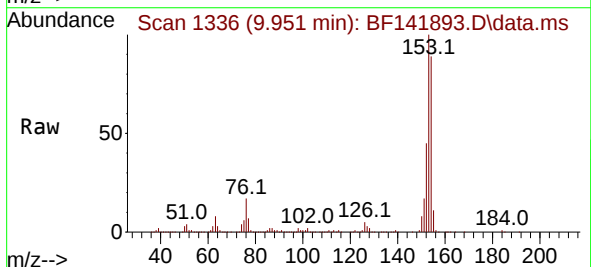
Tgt Ion:165 Resp: 202879  
Ion Ratio Lower Upper  
165 100  
63 56.5 49.5 74.3  
89 57.8 49.0 73.4

Manual Integrations  
APPROVED

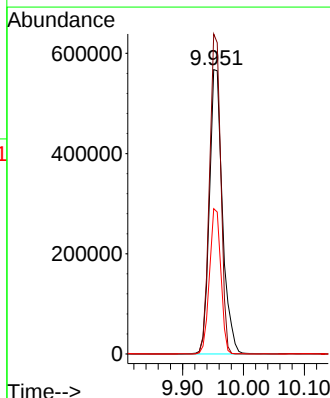
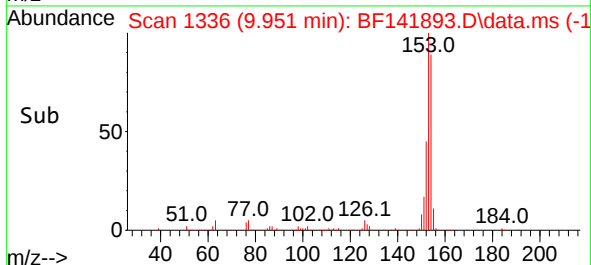
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

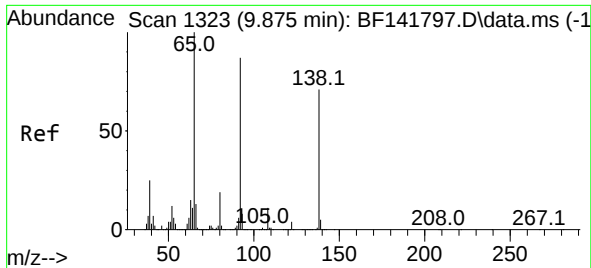


#52  
Acenaphthene  
Concen: 50.260 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



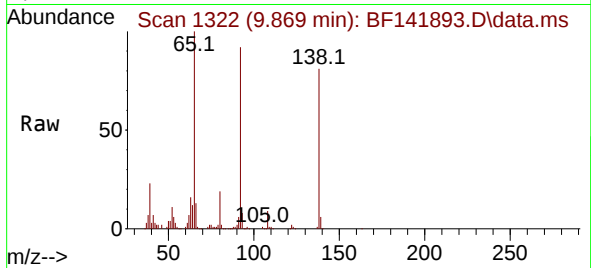
Tgt Ion:154 Resp: 846529  
Ion Ratio Lower Upper  
154 100  
153 112.6 88.7 133.1  
152 51.1 40.9 61.3





#53  
3-Nitroaniline  
Concen: 31.242 ng  
RT: 9.869 min Scan# 1322  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

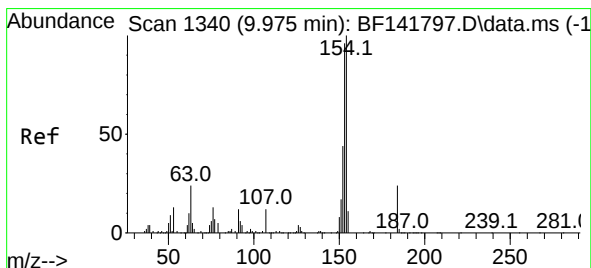
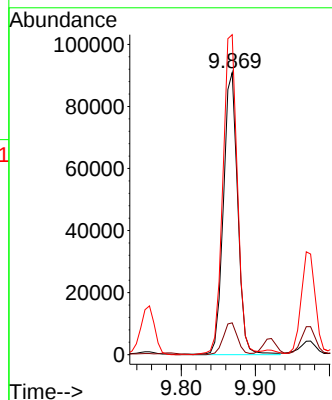
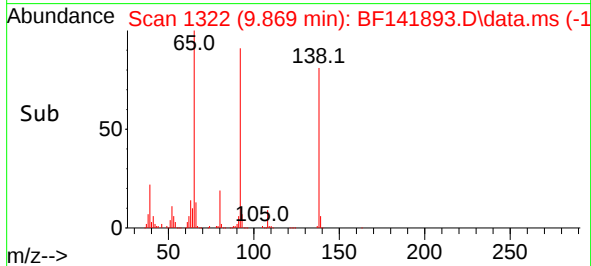
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



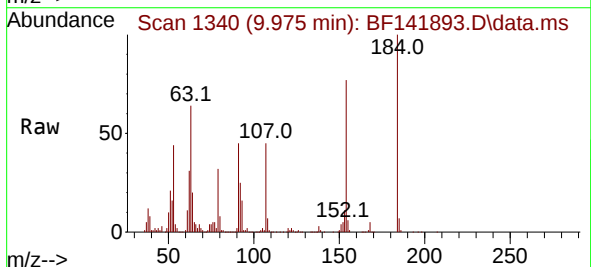
Tgt Ion:138 Resp: 121880  
Ion Ratio Lower Upper  
138 100  
108 11.3 12.7 19.1  
92 113.5 97.9 146.9

Manual Integrations  
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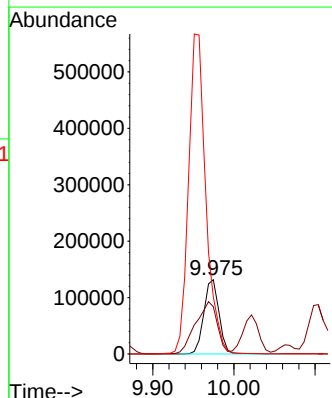
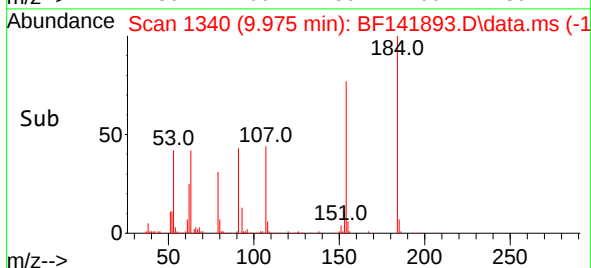
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

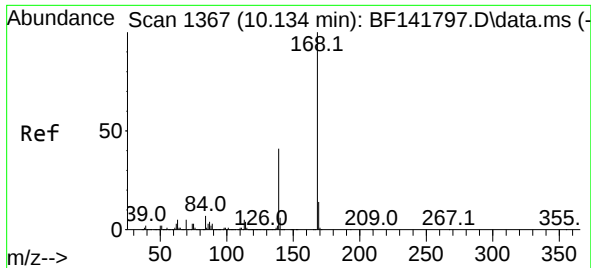


#54  
2,4-Dinitrophenol  
Concen: 92.918 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



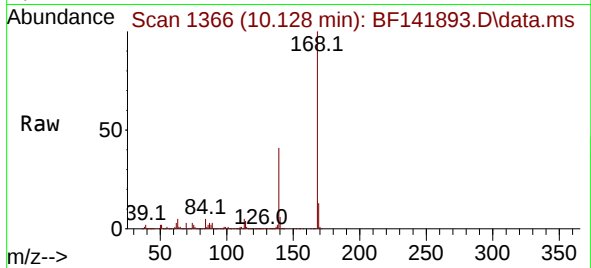
Tgt Ion:184 Resp: 171206  
Ion Ratio Lower Upper  
184 100  
63 63.5 79.0 118.6#  
154 76.9 335.8 503.8#





#55  
Dibenzenofuran  
Concen: 42.274 ng  
RT: 10.128 min Scan# 1366  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

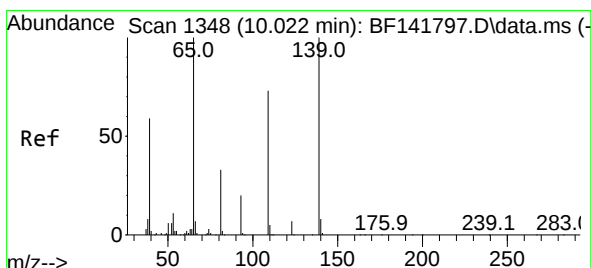
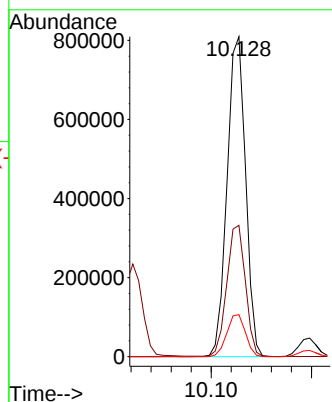
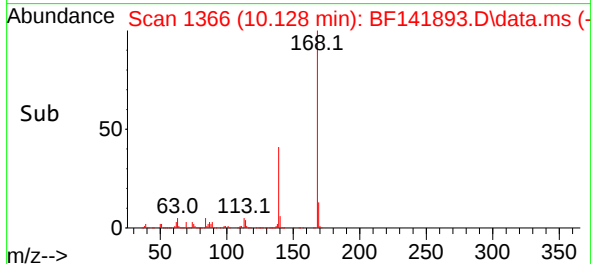
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:168 Resp: 103635  
Ion Ratio Lower Upper  
168 100  
139 41.0 32.9 49.3  
169 13.1 11.1 16.7

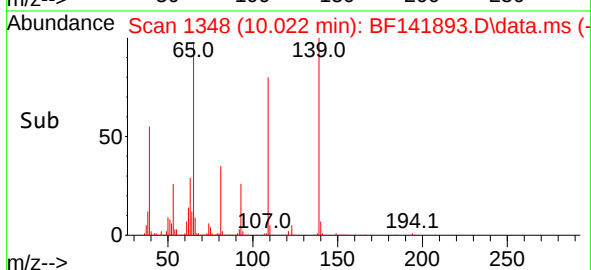
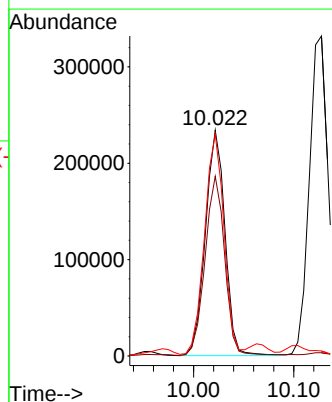
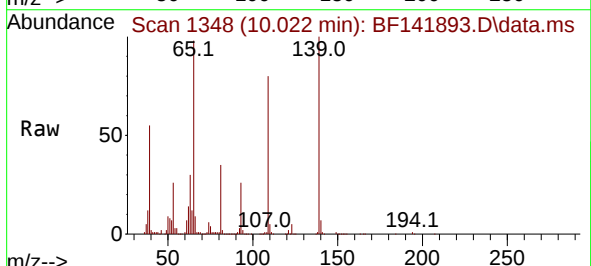
Manual Integrations  
APPROVED

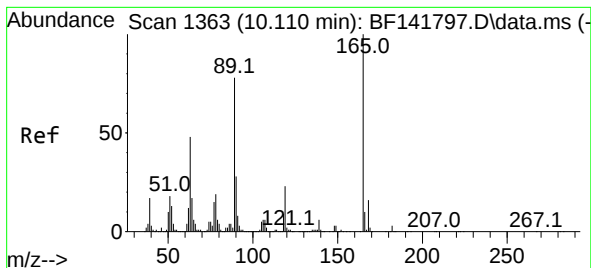
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#56  
4-Nitrophenol  
Concen: 108.658 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

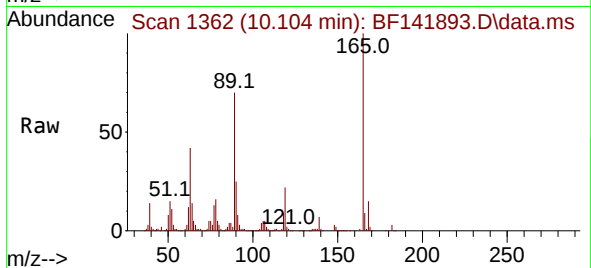
Tgt Ion:139 Resp: 318494  
Ion Ratio Lower Upper  
139 100  
109 79.6 53.4 93.4  
65 98.2 82.1 122.1





#57  
2,4-Dinitrotoluene  
Concen: 56.493 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

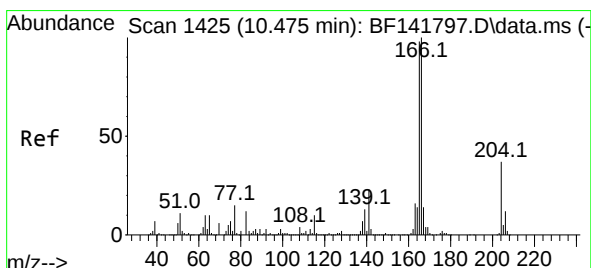
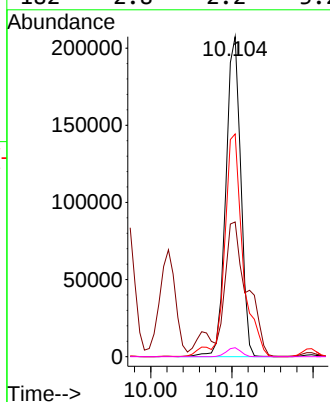
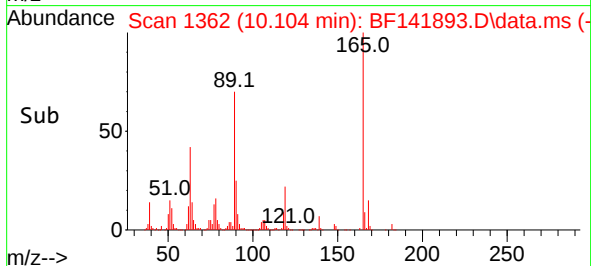
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



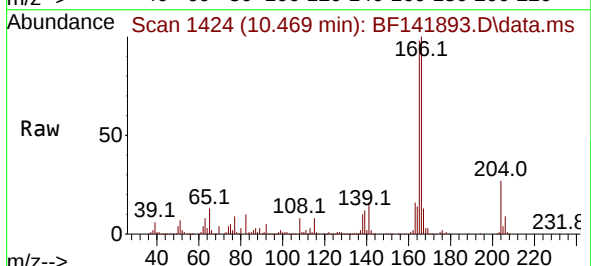
Tgt Ion:165 Resp: 265097  
Ion Ratio Lower Upper  
165 100  
63 42.1 38.8 58.2  
89 69.6 62.6 94.0  
182 2.8 2.2 3.2

Manual Integrations  
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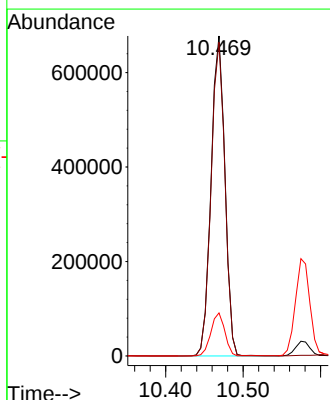
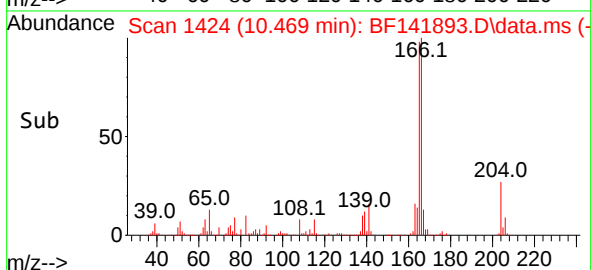
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

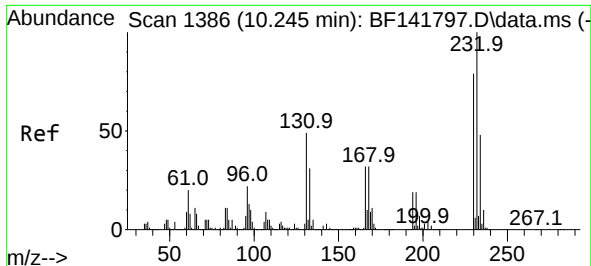


#58  
Fluorene  
Concen: 45.934 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



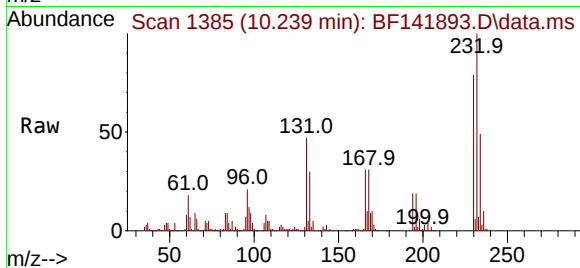
Tgt Ion:166 Resp: 843493  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.6 117.8  
167 13.4 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.633 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

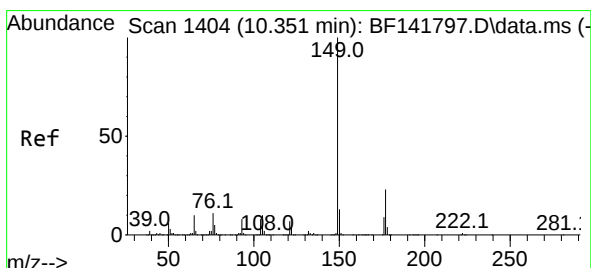
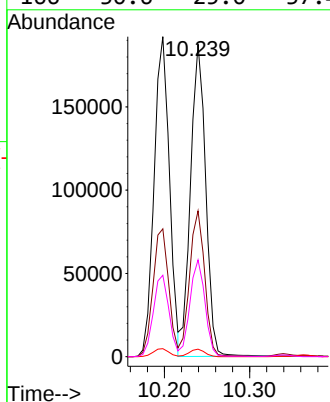
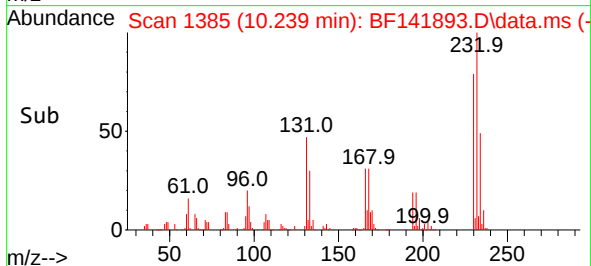
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:232 Resp: 231562  
Ion Ratio Lower Upper  
232 100  
131 47.0 37.8 56.8  
130 2.4 2.0 3.0  
166 30.6 25.0 37.4

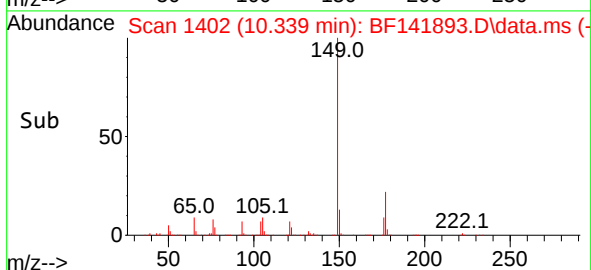
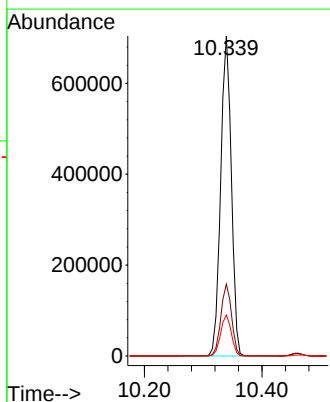
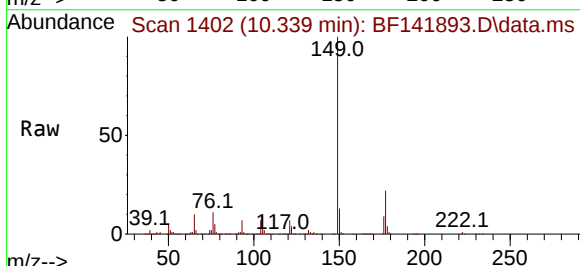
Manual Integrations  
APPROVED

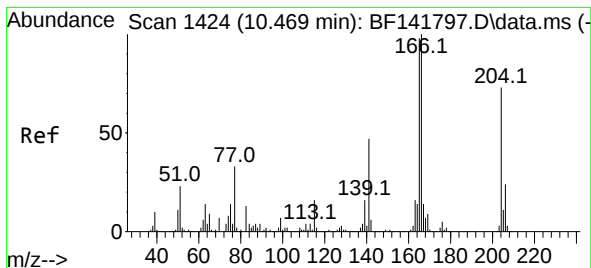
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#60  
Diethylphthalate  
Concen: 44.618 ng  
RT: 10.339 min Scan# 1402  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

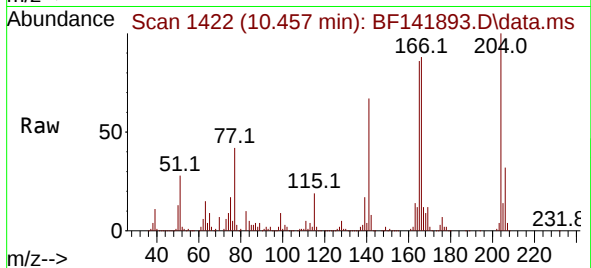
Tgt Ion:149 Resp: 887696  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.3 27.5  
150 12.8 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 46.150 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

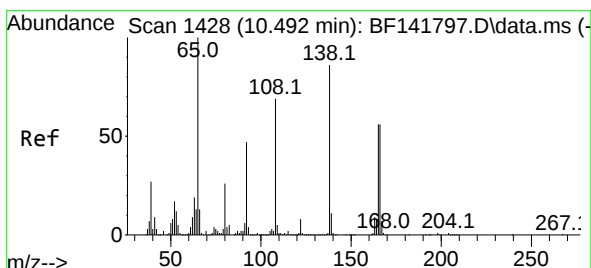
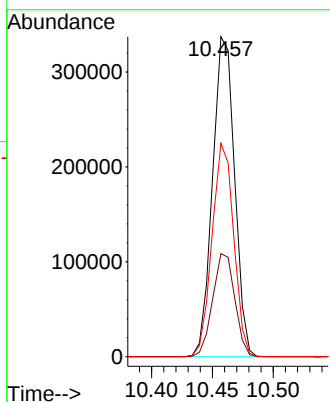
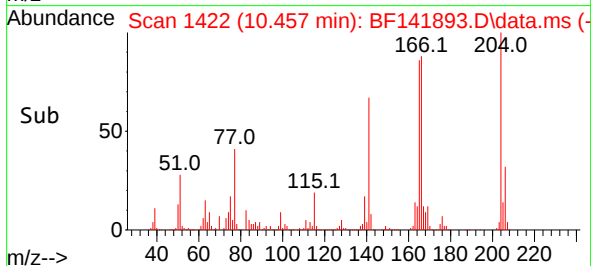
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



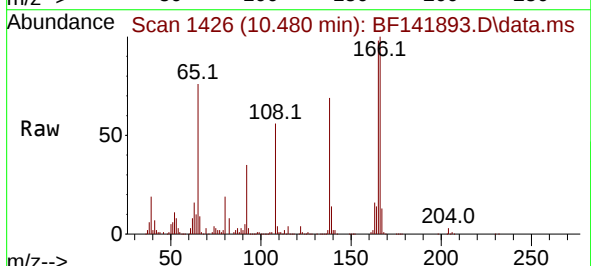
Tgt Ion:204 Resp: 424604  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.2 39.4  
141 66.7 51.7 77.5

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APPROVED

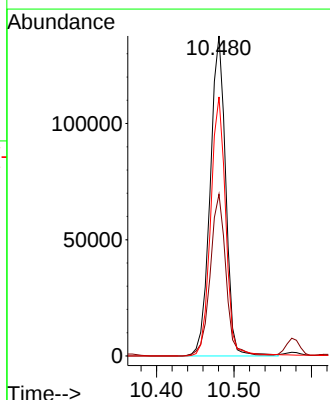
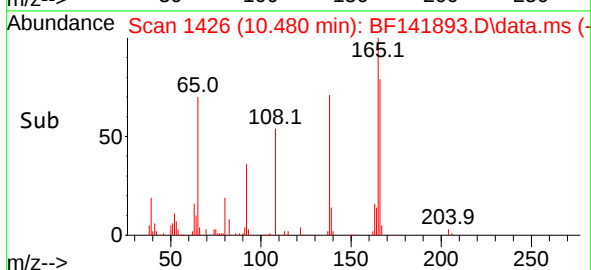
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

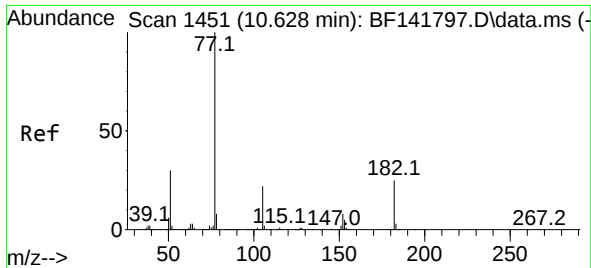


#62  
4-Nitroaniline  
Concen: 56.583 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



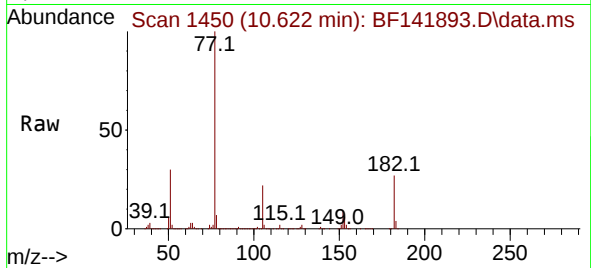
Tgt Ion:138 Resp: 191771  
Ion Ratio Lower Upper  
138 100  
92 50.5 34.9 74.9  
108 80.9 59.6 99.6





#63  
Azobenzene  
Concen: 39.573 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

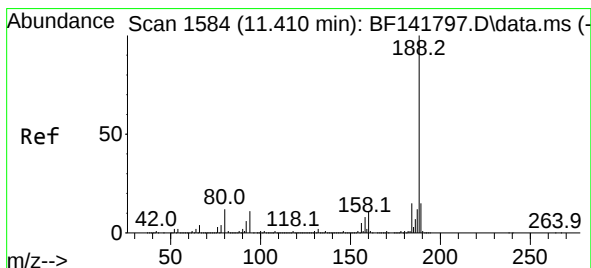
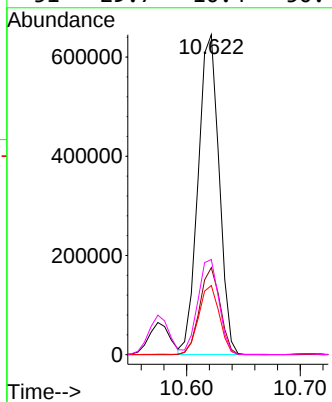
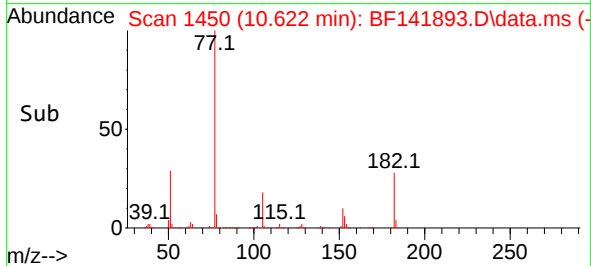
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion: 77 Resp: 828989  
Ion Ratio Lower Upper  
77 100  
182 27.2 4.2 44.2  
105 21.6 1.5 41.5  
51 29.7 10.4 50.4

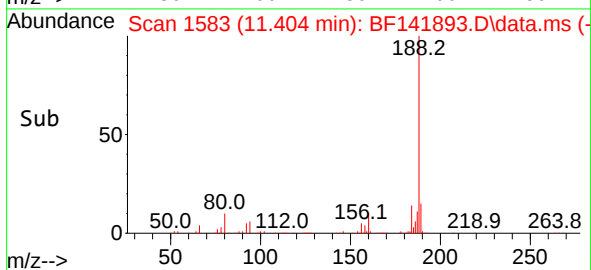
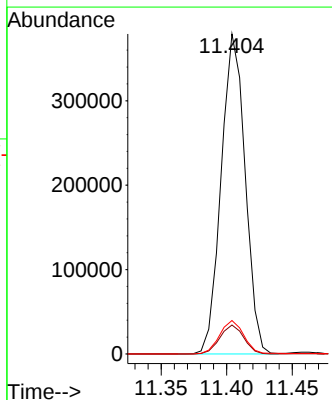
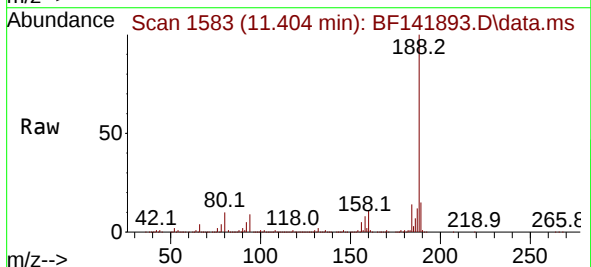
Manual Integrations  
APPROVED

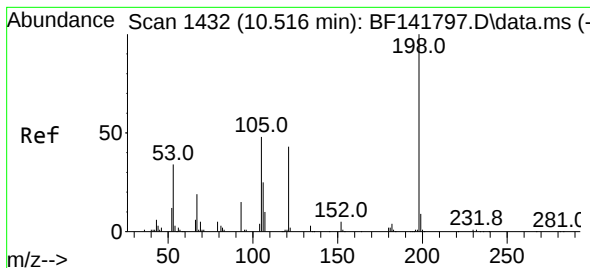
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Tgt Ion:188 Resp: 482424  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.9 13.3  
80 10.4 9.7 14.5





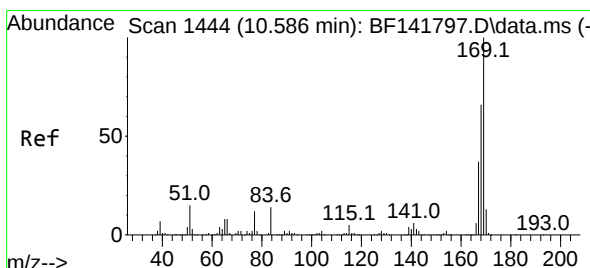
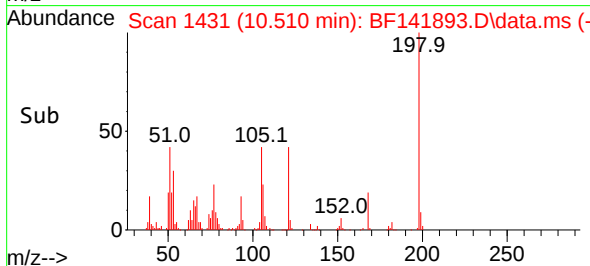
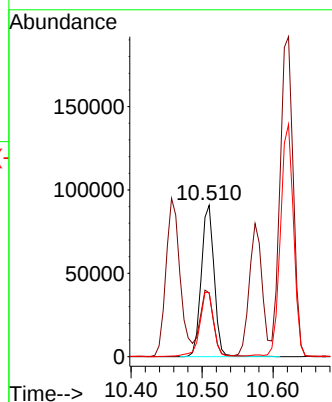
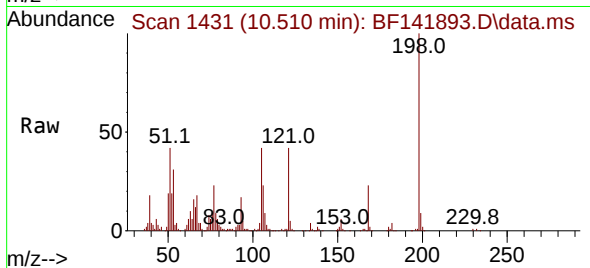
#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.036 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS

Tgt Ion:198 Resp: 114611  
Ion Ratio Lower Upper  
198 100  
51 42.1 32.1 72.1  
105 42.3 28.5 68.5

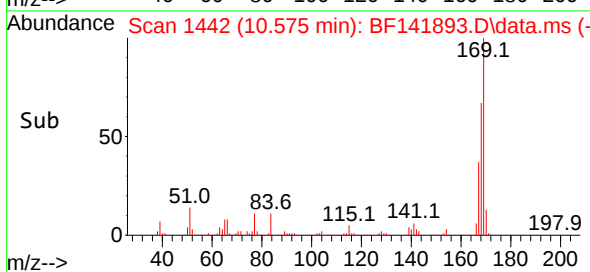
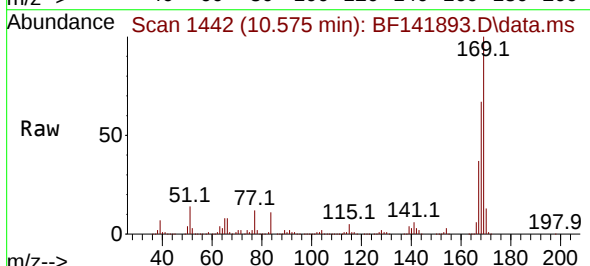
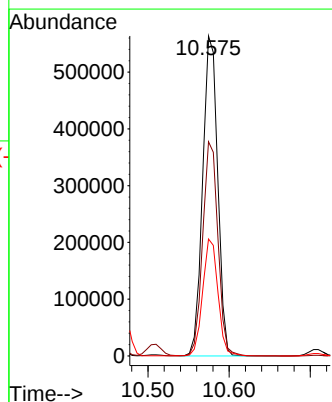
Manual Integrations  
APPROVED

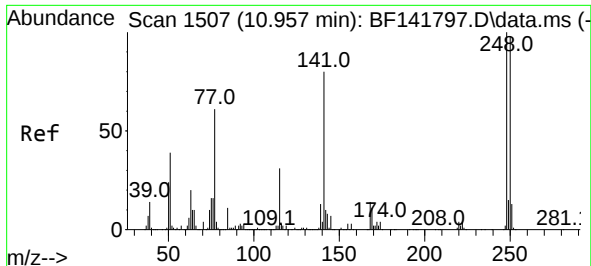
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#66  
n-Nitrosodiphenylamine  
Concen: 45.645 ng  
RT: 10.575 min Scan# 1442  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

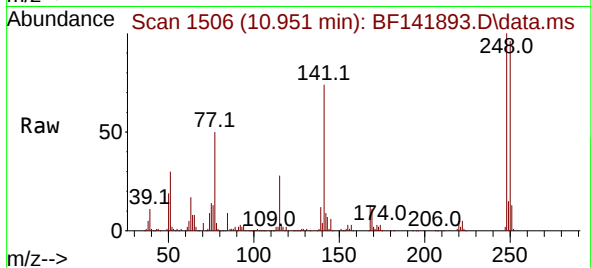
Tgt Ion:169 Resp: 723072  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.0 79.6  
167 36.5 29.3 43.9





#67  
4-Bromophenyl-phenylether  
Concen: 47.208 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

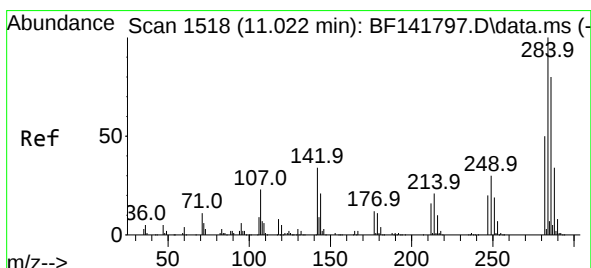
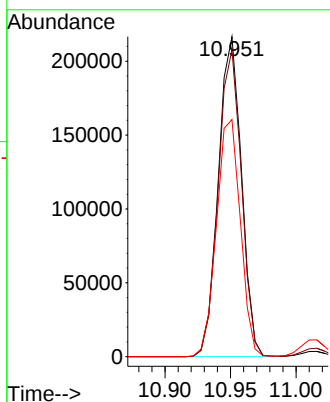
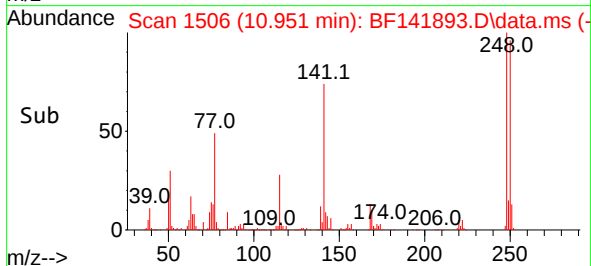
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



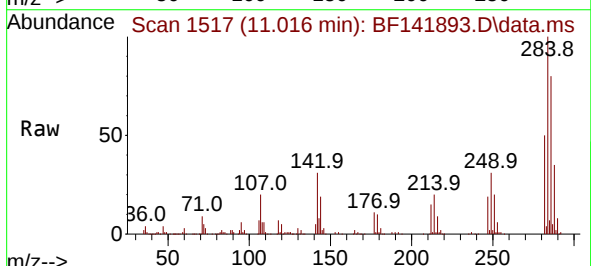
Tgt Ion:248 Resp: 266010  
Ion Ratio Lower Upper  
248 100  
250 96.0 78.1 117.1  
141 74.1 64.3 96.5

Manual Integrations  
APPROVED

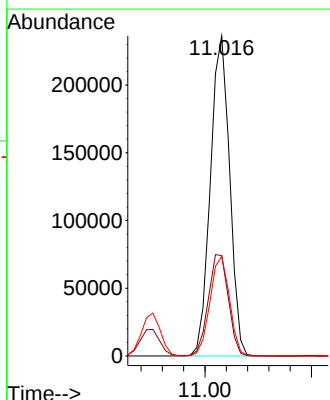
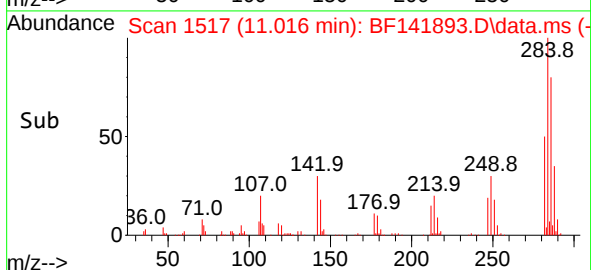
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

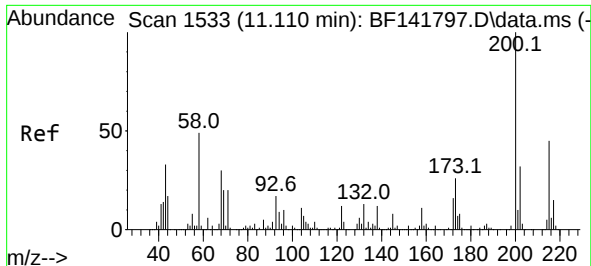


#68  
Hexachlorobenzene  
Concen: 49.684 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30



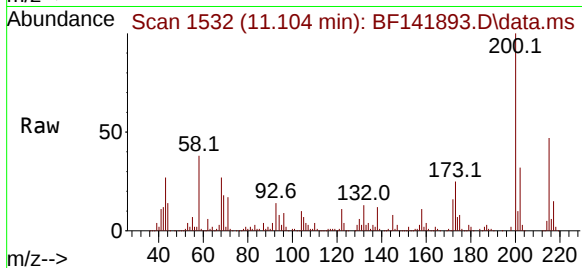
Tgt Ion:284 Resp: 295638  
Ion Ratio Lower Upper  
284 100  
142 31.4 28.2 42.2  
249 31.2 25.5 38.3





#69  
 Atrazine  
 Concen: 65.549 ng  
 RT: 11.104 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF141893.D  
 Acq: 07 Mar 2025 18:30

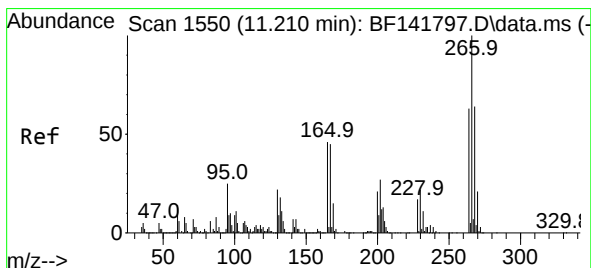
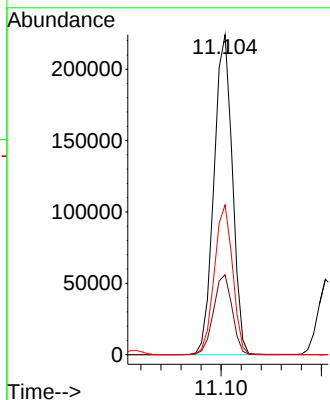
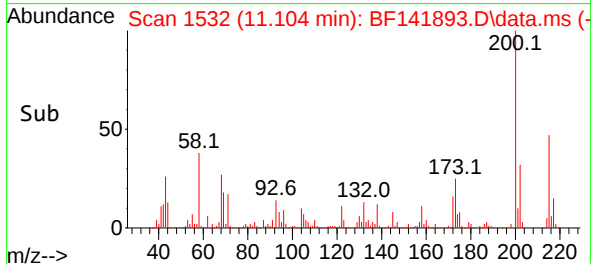
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-101-SB01MS



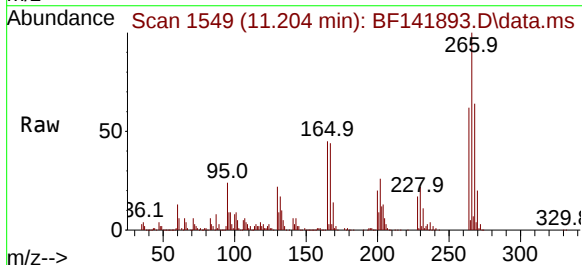
Tgt Ion:200 Resp: 28554  
 Ion Ratio Lower Upper  
 200 100  
 173 25.0 5.6 45.6  
 215 46.8 25.3 65.3

Manual Integrations  
 APPROVED

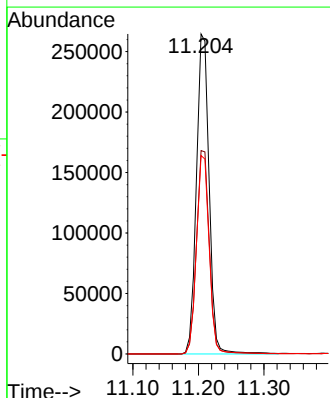
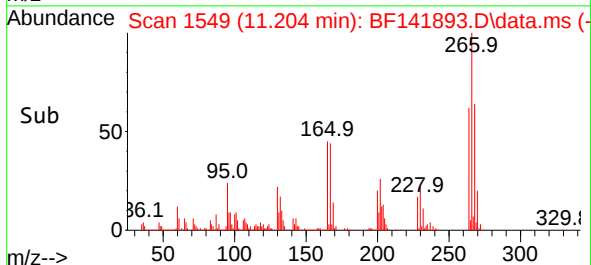
Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025

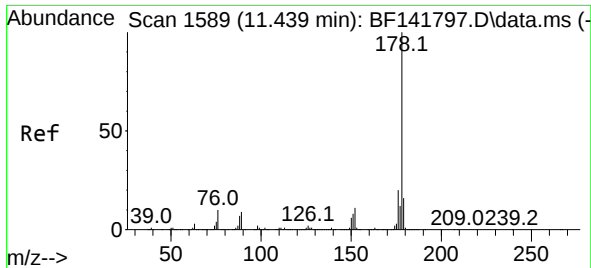


#70  
 Pentachlorophenol  
 Concen: 94.677 ng  
 RT: 11.204 min Scan# 1549  
 Delta R.T. -0.006 min  
 Lab File: BF141893.D  
 Acq: 07 Mar 2025 18:30



Tgt Ion:266 Resp: 357301  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 50.9 76.3  
 264 62.0 50.2 75.4





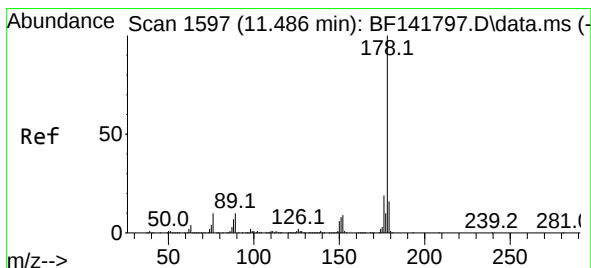
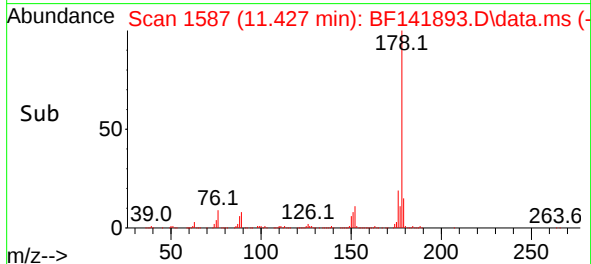
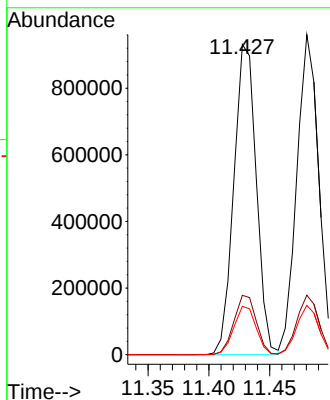
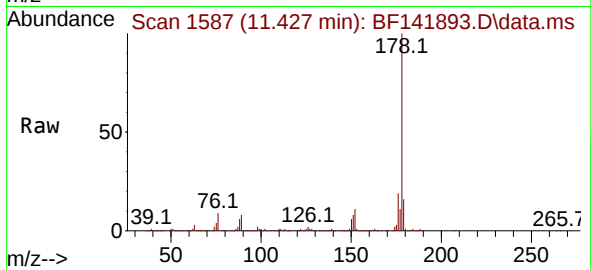
#71  
Phenanthrene  
Concen: 46.485 ng  
RT: 11.427 min Scan# 1199549  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS

Tgt Ion:178 Resp: 1199549  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.0 24.0  
179 15.6 12.6 19.0

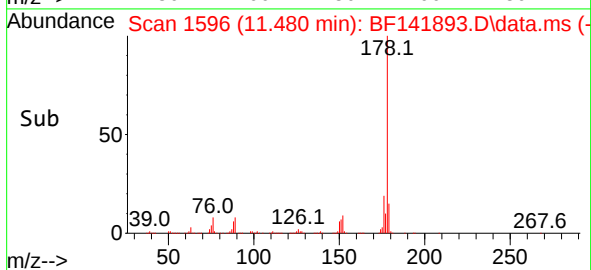
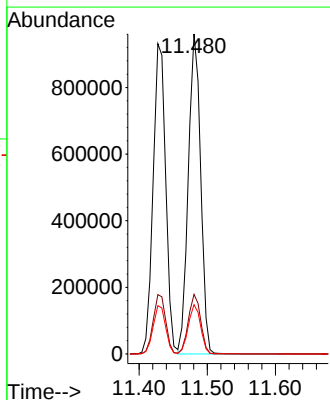
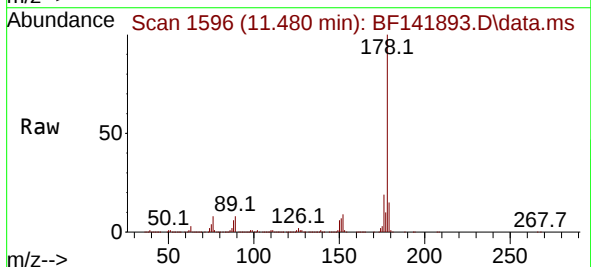
Manual Integrations  
APPROVED

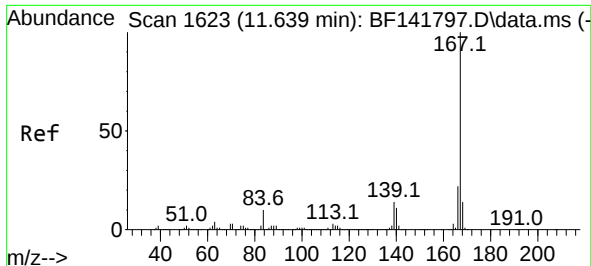
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#72  
Anthracene  
Concen: 46.426 ng  
RT: 11.480 min Scan# 1596  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

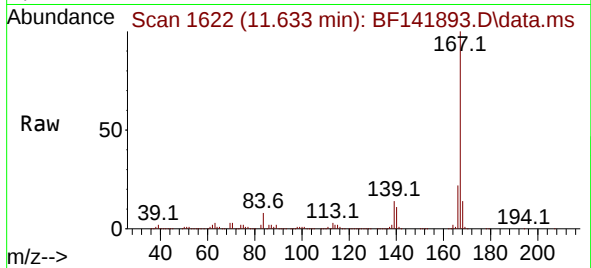
Tgt Ion:178 Resp: 1200670  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.4 23.0  
179 15.4 12.8 19.2





#73  
 Carbazole  
 Concen: 45.564 ng  
 RT: 11.633 min Scan# 1622  
 Delta R.T. -0.006 min  
 Lab File: BF141893.D  
 Acq: 07 Mar 2025 18:30

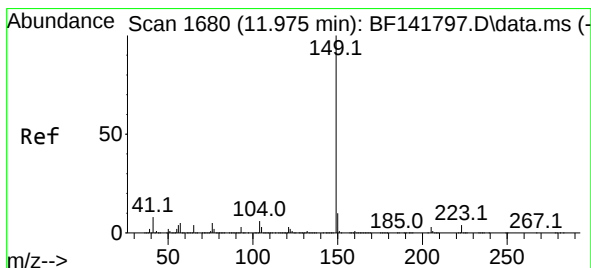
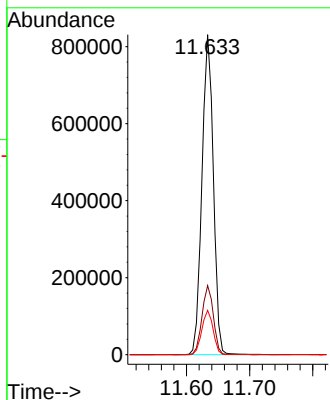
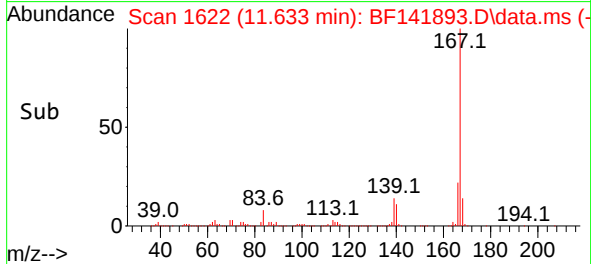
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-101-SB01MS



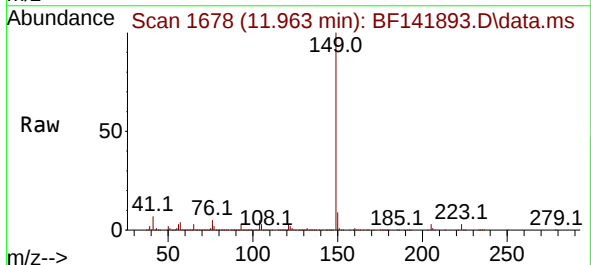
Tgt Ion:167 Resp: 1040609  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.5 26.3  
 139 13.9 11.3 16.9

Manual Integrations  
 APPROVED

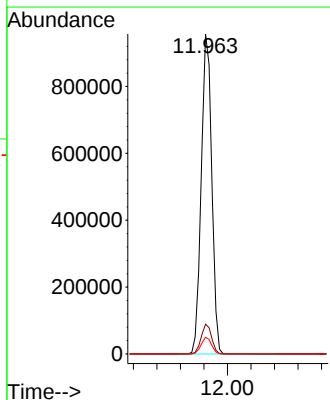
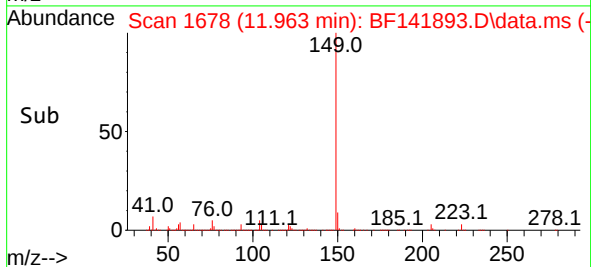
Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025

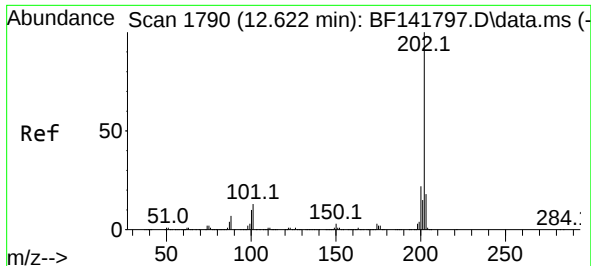


#74  
 Di-n-butylphthalate  
 Concen: 41.042 ng  
 RT: 11.963 min Scan# 1678  
 Delta R.T. -0.012 min  
 Lab File: BF141893.D  
 Acq: 07 Mar 2025 18:30



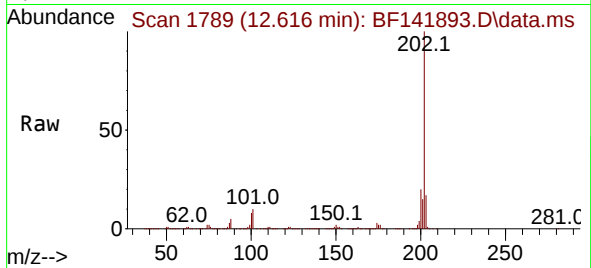
Tgt Ion:149 Resp: 1188156  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.7 11.5  
 104 5.2 4.4 6.6





#75  
Fluoranthene  
Concen: 42.563 ng  
RT: 12.616 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

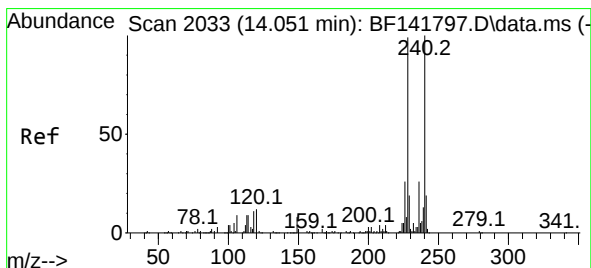
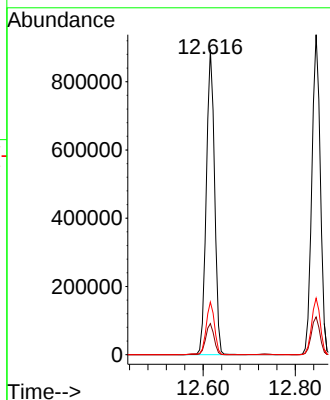
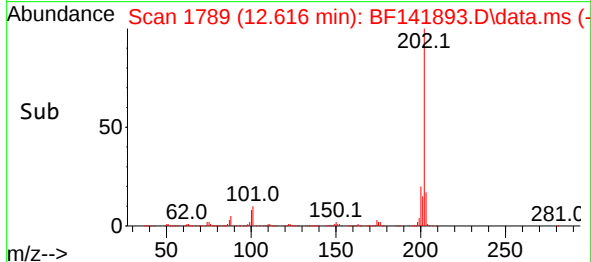
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:202 Resp: 112542  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 32.8  
203 17.3 0.0 38.0

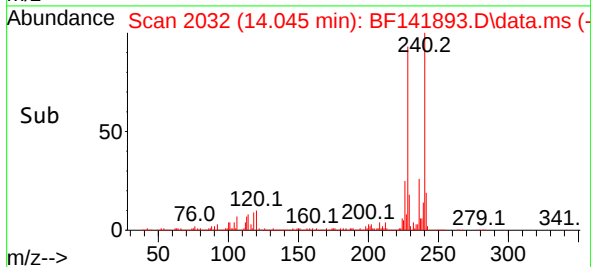
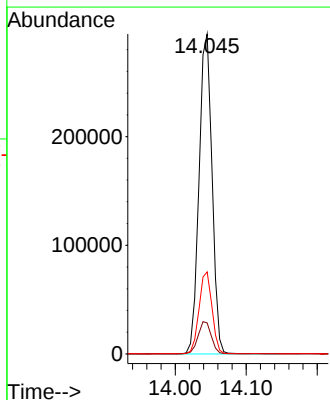
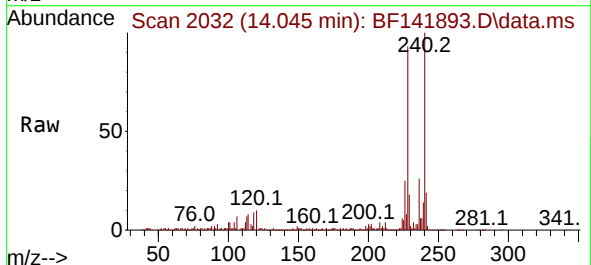
Manual Integrations  
APPROVED

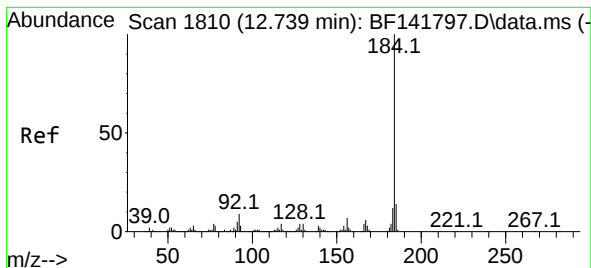
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Tgt Ion:240 Resp: 376304  
Ion Ratio Lower Upper  
240 100  
120 9.7 9.7 14.5  
236 25.7 21.0 31.4





#77

Benzidine

Concen: 75.758 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

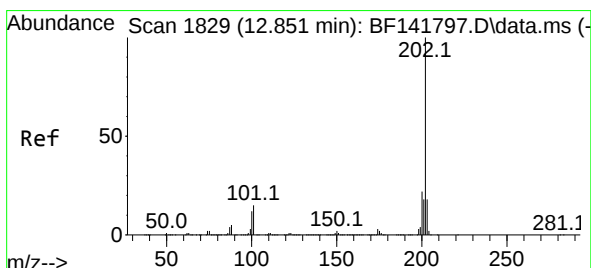
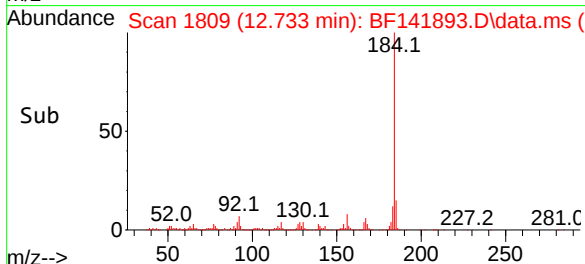
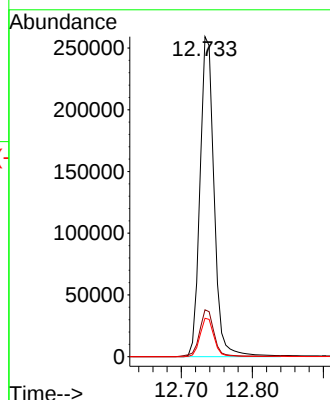
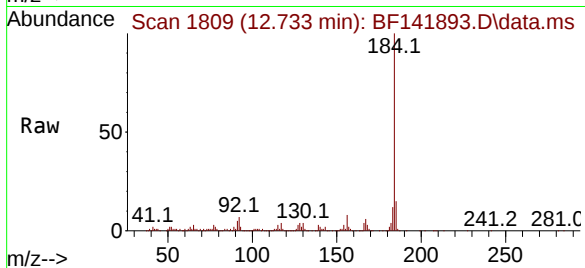
ENV-101-SB01MS

Tgt Ion:184 Resp: 358811  
 Ion Ratio Lower Upper  
 184 100  
 185 14.7 11.6 17.4  
 183 12.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025



#78

Pyrene

Concen: 36.467 ng

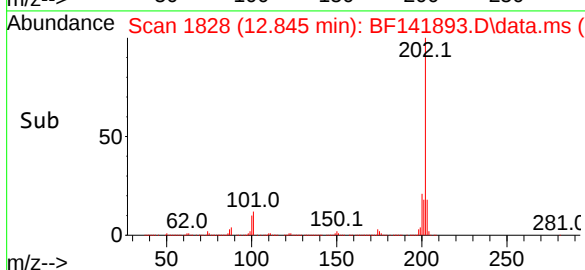
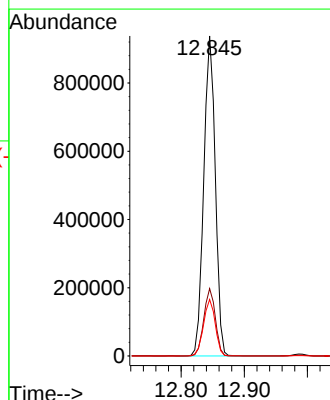
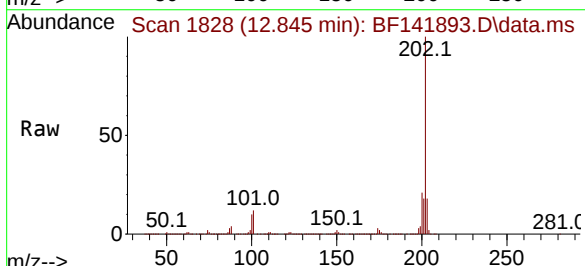
RT: 12.845 min Scan# 1828

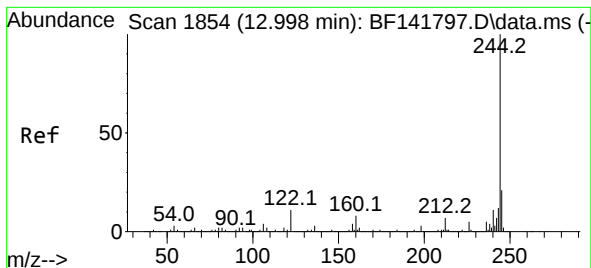
Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Tgt Ion:202 Resp: 1188284  
 Ion Ratio Lower Upper  
 202 100  
 200 21.1 17.4 26.0  
 203 17.7 14.6 22.0





#79

Terphenyl-d14

Concen: 83.100 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141893.D

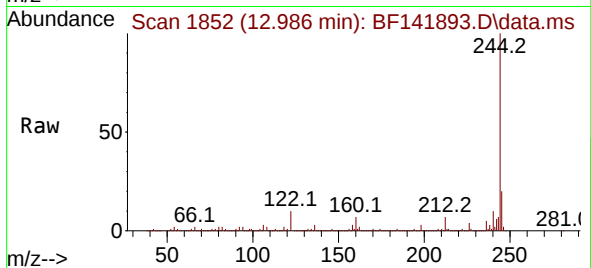
Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS



Tgt Ion:244 Resp: 193279

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

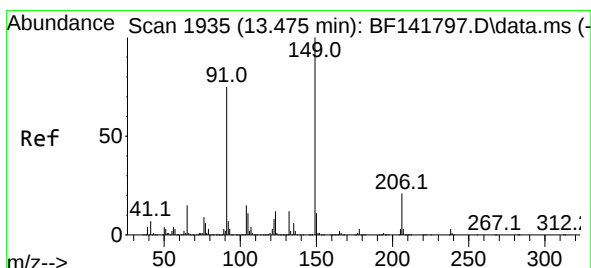
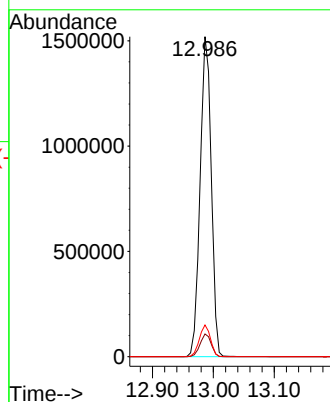
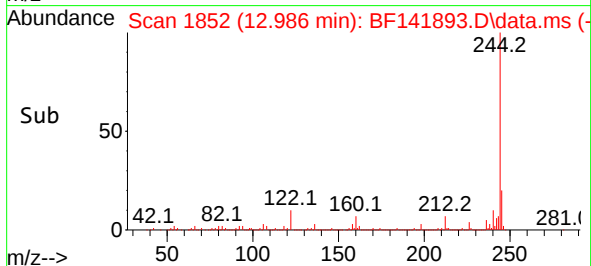
122 9.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#80

Butylbenzylphthalate

Concen: 39.865 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

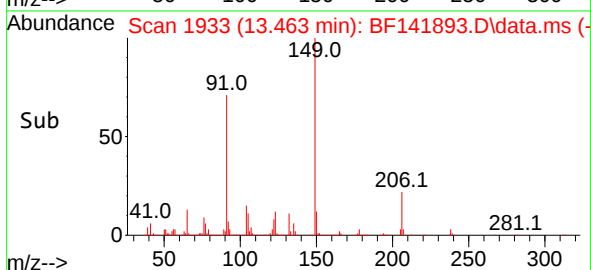
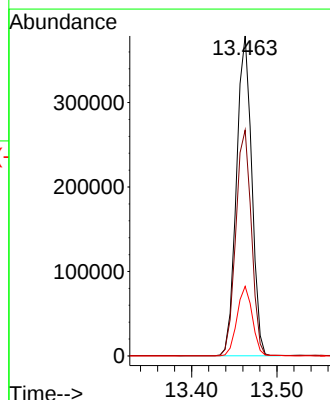
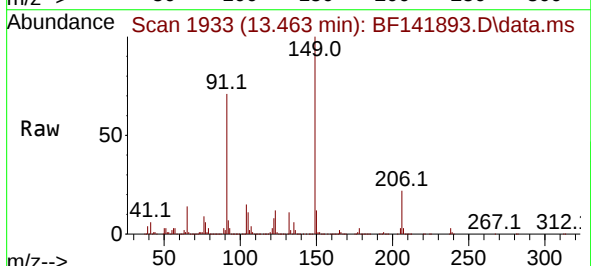
Tgt Ion:149 Resp: 471966

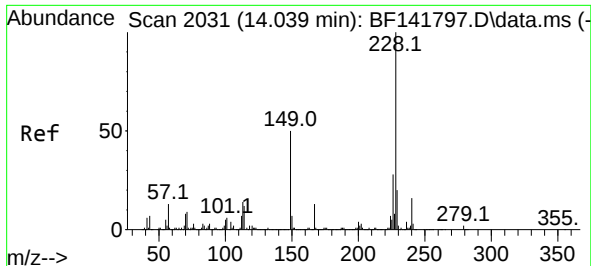
Ion Ratio Lower Upper

149 100

91 70.6 60.1 90.1

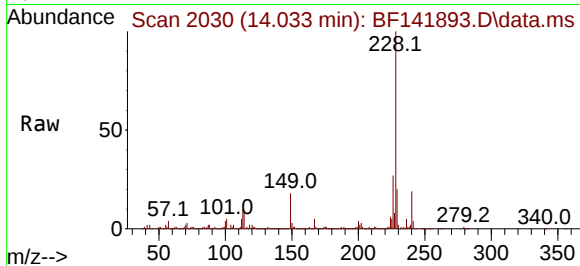
206 21.8 16.8 25.2





#81  
Benzo(a)anthracene  
Concen: 45.505 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

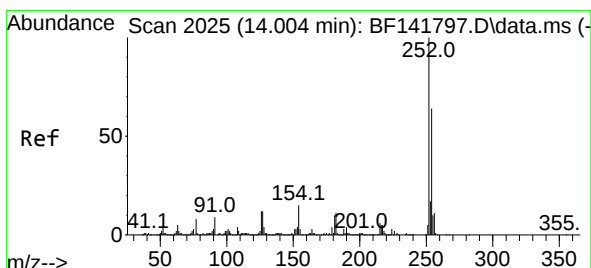
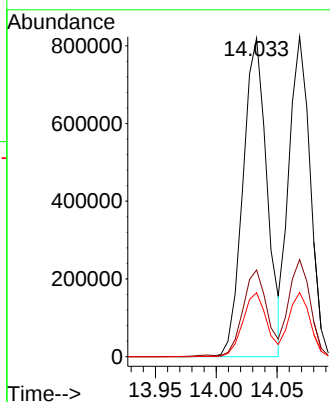
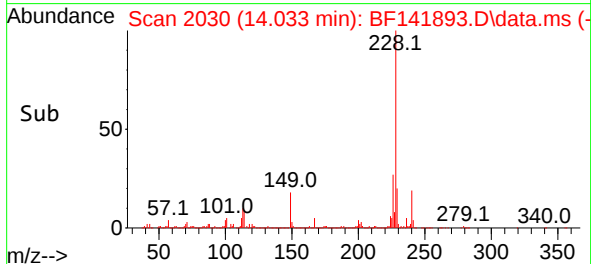
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:228 Resp: 113104  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.1 33.1  
229 20.1 16.1 24.1

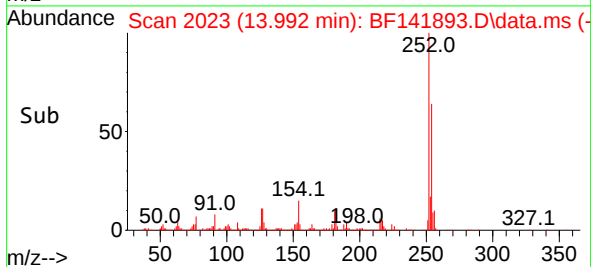
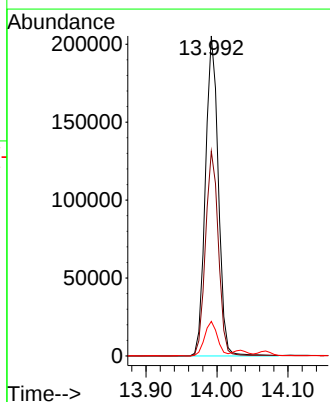
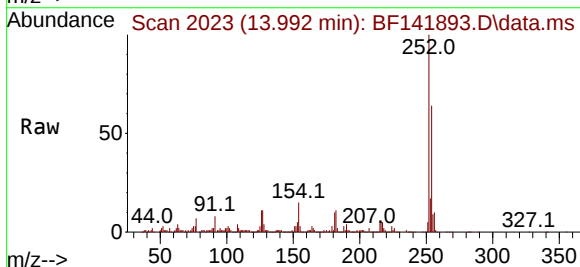
Manual Integrations  
APPROVED

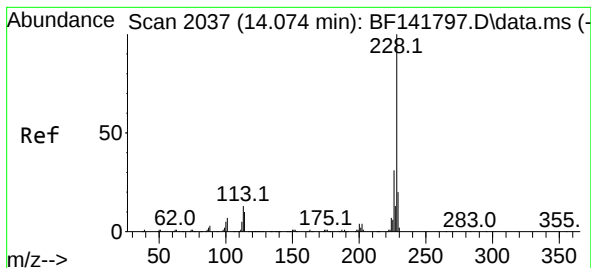
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 36.506 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Tgt Ion:252 Resp: 260330  
Ion Ratio Lower Upper  
252 100  
254 64.0 51.4 77.0  
126 10.8 9.8 14.6





#83

Chrysene

Concen: 43.591 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS

Tgt Ion:228 Resp: 99876

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

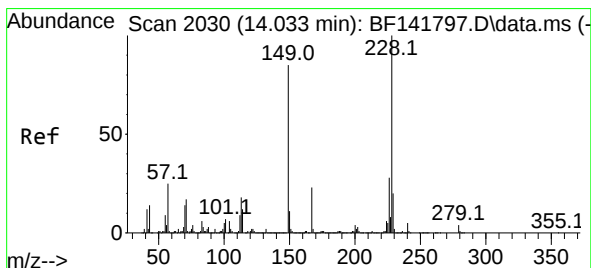
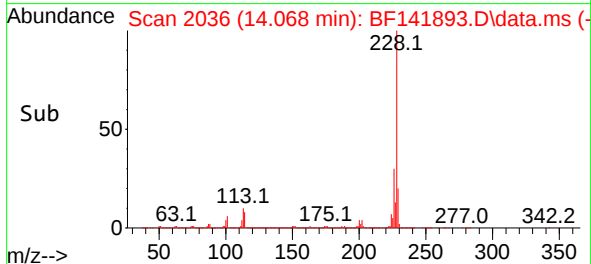
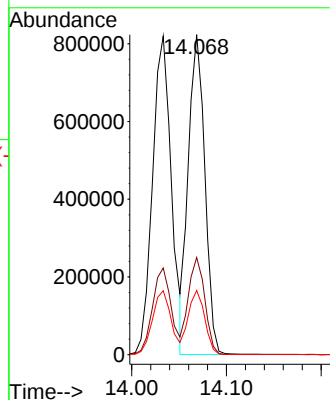
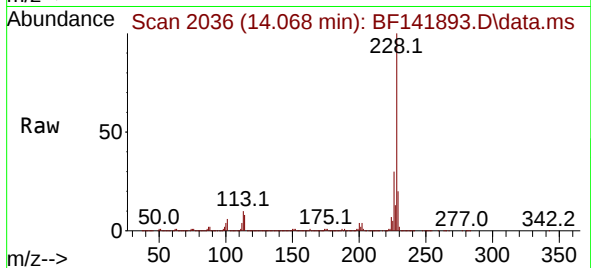
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.170 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

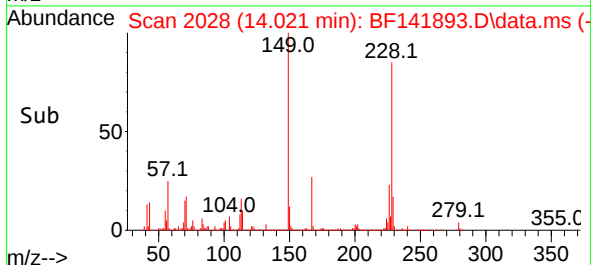
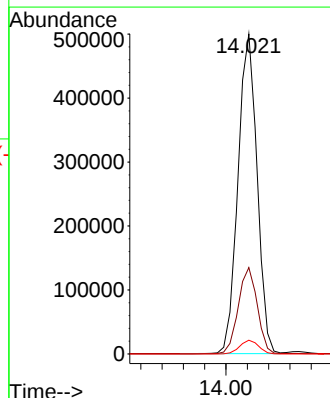
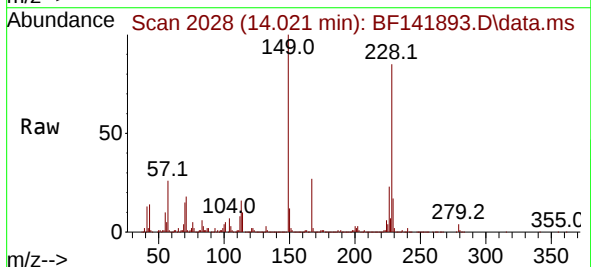
Tgt Ion:149 Resp: 621644

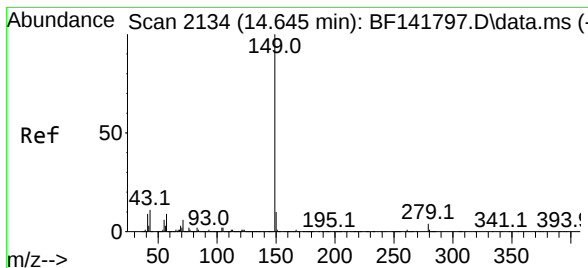
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

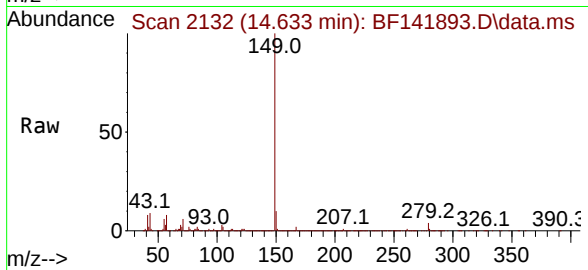
279 4.3 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 49.914 ng  
RT: 14.633 min Scan# 2132  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

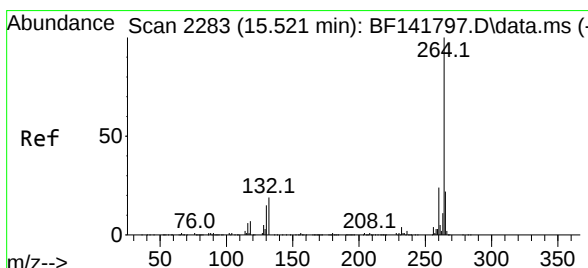
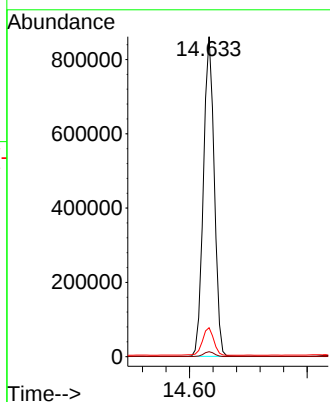
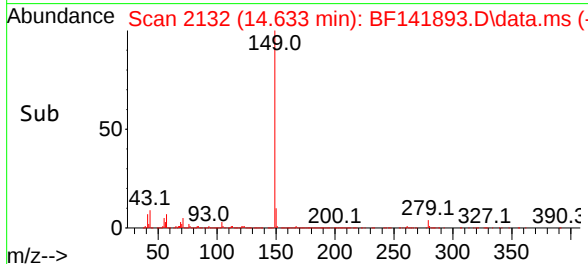
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:149 Resp: 1101580  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 8.9 8.6 12.8

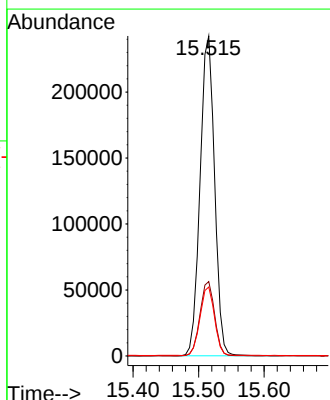
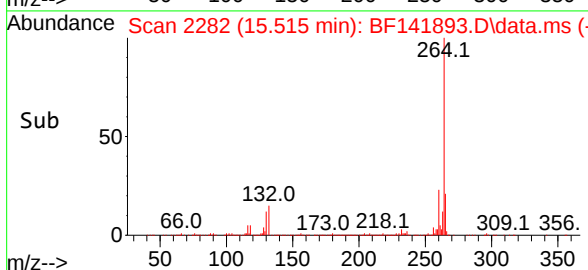
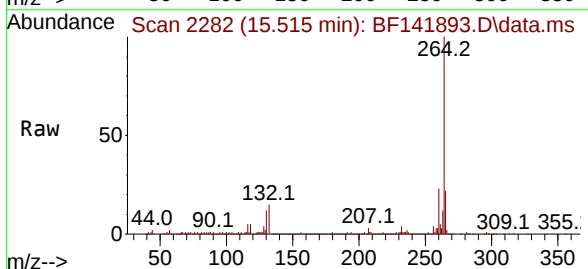
Manual Integrations  
APPROVED

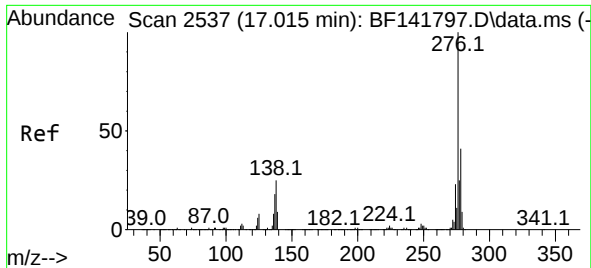
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.515 min Scan# 2282  
Delta R.T. -0.006 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

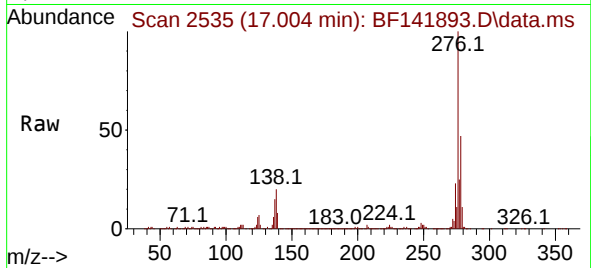
Tgt Ion:264 Resp: 373298  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.9 28.3  
265 21.6 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.748 ng  
RT: 17.004 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

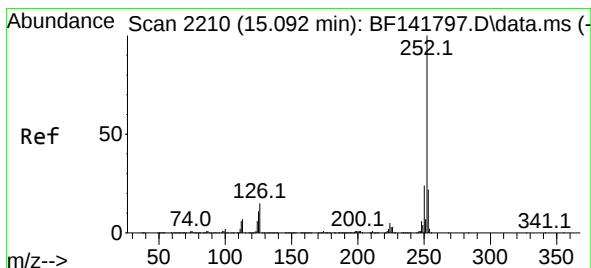
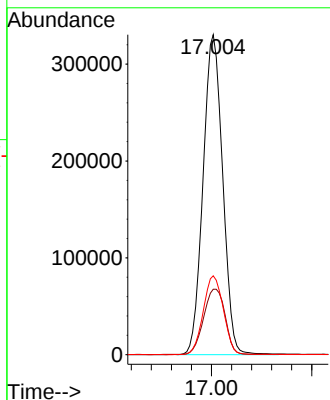
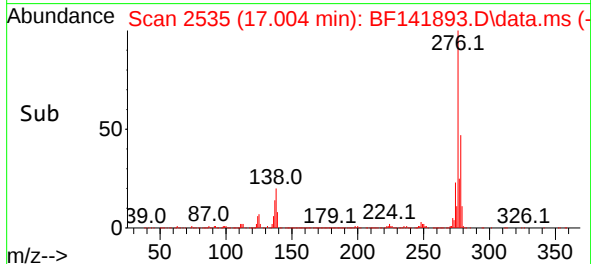
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-101-SB01MS



Tgt Ion:276 Resp: 89728  
Ion Ratio Lower Upper  
276 100  
138 22.4 22.5 33.7  
277 25.4 20.3 30.5

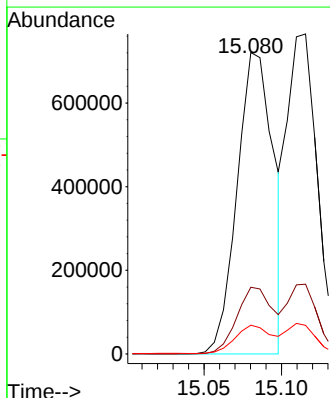
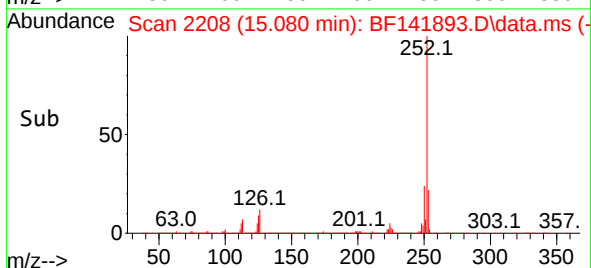
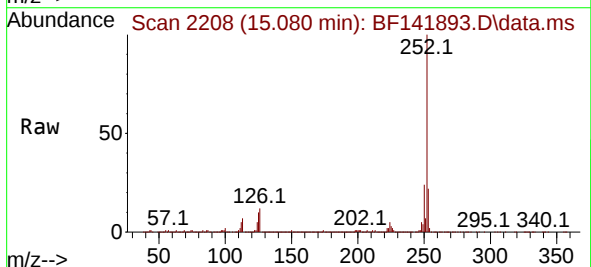
Manual Integrations  
APPROVED

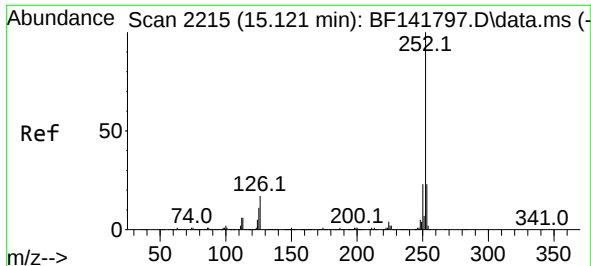
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#88  
Benzo(b)fluoranthene  
Concen: 46.336 ng  
RT: 15.080 min Scan# 2208  
Delta R.T. -0.012 min  
Lab File: BF141893.D  
Acq: 07 Mar 2025 18:30

Tgt Ion:252 Resp: 1178241  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 9.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 47.439 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS

Tgt Ion:252 Resp: 102529

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

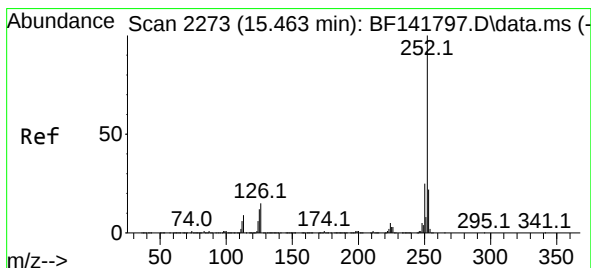
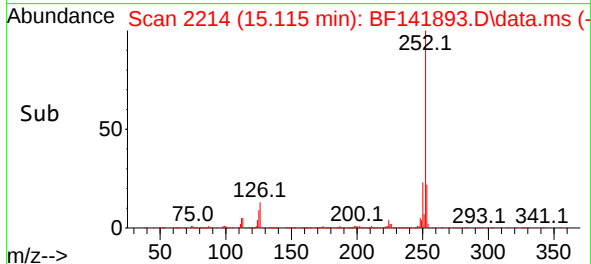
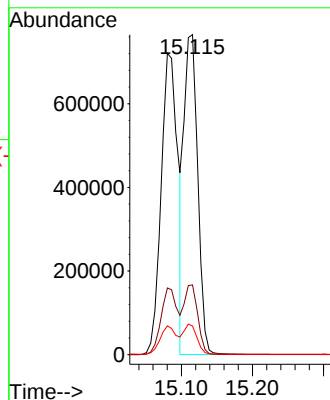
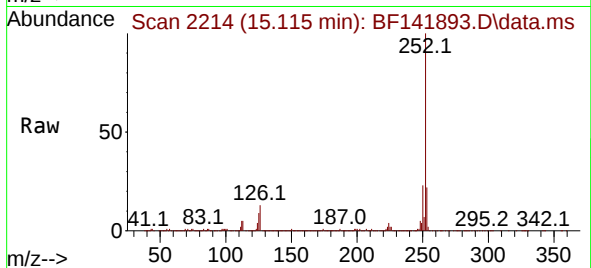
125 8.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#90

Benzo(a)pyrene

Concen: 47.812 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

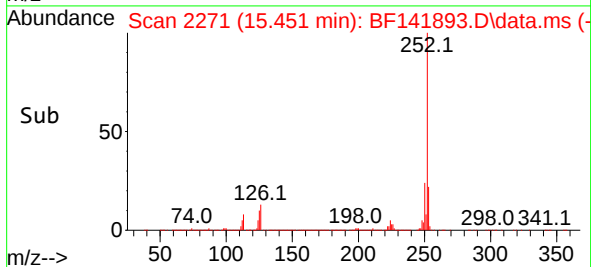
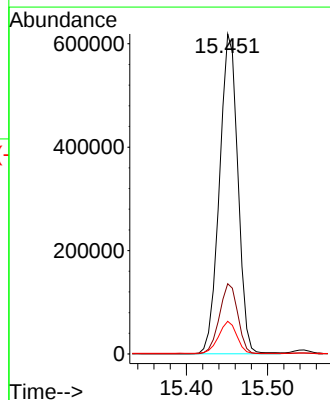
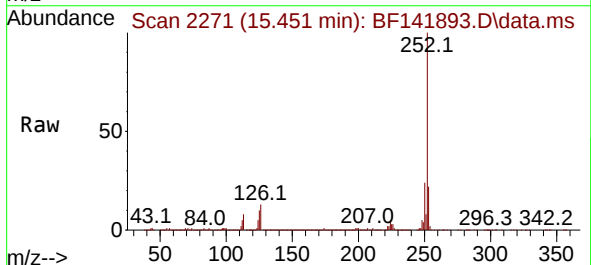
Tgt Ion:252 Resp: 975022

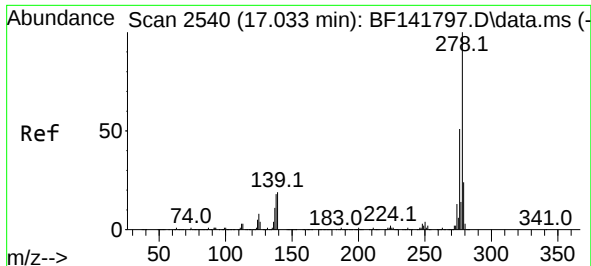
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 38.380 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

ENV-101-SB01MS

Tgt Ion:278 Resp: 744670

Ion Ratio Lower Upper

278 100

139 14.5 14.9 22.3

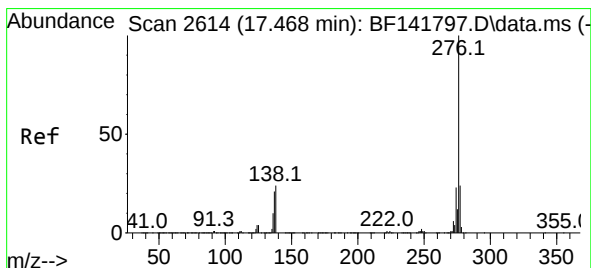
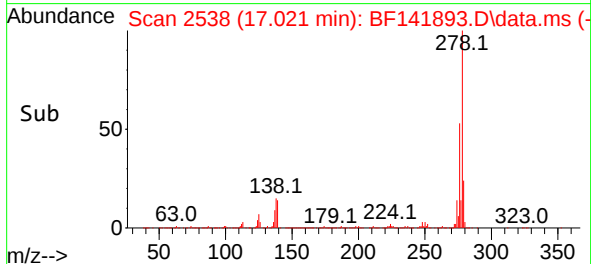
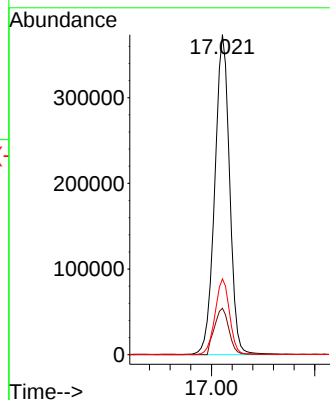
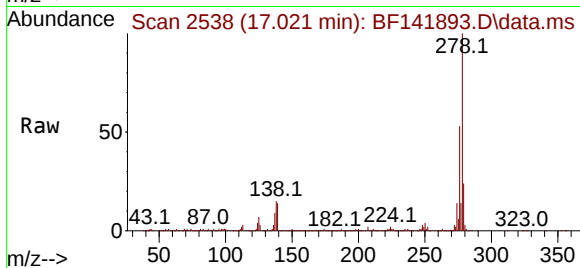
279 23.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#92

Benzo(g,h,i)perylene

Concen: 33.457 ng

RT: 17.451 min Scan# 2611

Delta R.T. -0.018 min

Lab File: BF141893.D

Acq: 07 Mar 2025 18:30

Tgt Ion:276 Resp: 665037

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 20.0 19.3 28.9

