

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030425\  
 Data File : BF141828.D  
 Acq On : 04 Mar 2025 15:48  
 Operator : RC/JU  
 Sample : Q1480-25MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4MS

Quant Time: Mar 04 16:20:42 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

### Manual Integrations APPROVED

Reviewed By :Anahy  
 Claudio

03/05/2025  
 Supervised By :Jagrut  
 Upadhyay

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.887  | 152  | 280974   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.163  | 136  | 1094421  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.922  | 164  | 576961   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.404 | 188  | 904924   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.039 | 240  | 549629   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12          | 15.510 | 264  | 574685   | 20.000 | ng    | -0.01    |

|                             |        |     |         |         |    |       |
|-----------------------------|--------|-----|---------|---------|----|-------|
| System Monitoring Compounds |        |     |         |         |    |       |
| 5) 2-Fluorophenol           | 5.516  | 112 | 1936854 | 110.086 | ng | 0.02  |
| 7) Phenol-d6                | 6.510  | 99  | 2422796 | 105.798 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.445  | 82  | 1580741 | 92.324  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330 | 630832  | 116.462 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.239  | 172 | 2773689 | 77.084  | ng | 0.00  |
| 79) Terphenyl-d14           | 12.986 | 244 | 2416712 | 71.140  | ng | -0.01 |

|                               |       |     |         |         |        |
|-------------------------------|-------|-----|---------|---------|--------|
| Target Compounds              |       |     |         |         | Qvalue |
| 2) 1,4-Dioxane                | 2.787 | 88  | 336186  | 42.112  | ng 99  |
| 3) Pyridine                   | 3.540 | 79  | 802639  | 40.409  | ng 100 |
| 4) n-Nitrosodimethylamine     | 3.481 | 42  | 410148  | 42.914  | ng 95  |
| 6) Aniline                    | 6.546 | 93  | 722924  | 30.365  | ng 99  |
| 8) 2-Chlorophenol             | 6.669 | 128 | 815308  | 42.838  | ng 98  |
| 9) Benzaldehyde               | 6.434 | 77  | 310132  | 23.282  | ng 99  |
| 10) Phenol                    | 6.522 | 94  | 1011950 | 41.353  | ng 98  |
| 11) bis(2-Chloroethyl)ether   | 6.622 | 93  | 760280  | 40.759  | ng 99  |
| 12) 1,3-Dichlorobenzene       | 6.828 | 146 | 853360  | 41.868  | ng 99  |
| 13) 1,4-Dichlorobenzene       | 6.904 | 146 | 862010  | 41.973  | ng 99  |
| 14) 1,2-Dichlorobenzene       | 7.057 | 146 | 820877  | 42.804  | ng 99  |
| 15) Benzyl Alcohol            | 7.022 | 79  | 727190  | 39.733  | ng 99  |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157 | 45  | 1162884 | 41.051  | ng 99  |
| 17) 2-Methylphenol            | 7.128 | 107 | 659204  | 41.961  | ng 99  |
| 18) Hexachloroethane          | 7.398 | 117 | 321061  | 41.768  | ng 98  |
| 19) n-Nitroso-di-n-propyla... | 7.293 | 70  | 582719  | 38.709  | ng 97  |
| 20) 3+4-Methylphenols         | 7.281 | 107 | 809830  | 41.398  | ng 93  |
| 22) Acetophenone              | 7.293 | 105 | 1198092 | 44.949  | ng 99  |
| 24) Nitrobenzene              | 7.463 | 77  | 861089  | 46.965  | ng 100 |
| 25) Isophorone                | 7.704 | 82  | 1571659 | 42.727  | ng 100 |
| 26) 2-Nitrophenol             | 7.781 | 139 | 391901  | 47.863  | ng 99  |
| 27) 2,4-Dimethylphenol        | 7.810 | 122 | 705359  | 52.166  | ng 100 |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93  | 946042  | 40.318  | ng 100 |
| 29) 2,4-Dichlorophenol        | 8.016 | 162 | 665075  | 42.636  | ng 99  |
| 30) 1,2,4-Trichlorobenzene    | 8.104 | 180 | 719985  | 42.122  | ng 99  |
| 31) Naphthalene               | 8.187 | 128 | 2321956 | 41.280  | ng 99  |
| 32) Benzoic acid              | 7.904 | 122 | 322264m | 31.671  | ng     |
| 33) 4-Chloroaniline           | 8.228 | 127 | 333294  | 16.160  | ng 99  |
| 34) Hexachlorobutadiene       | 8.304 | 225 | 446279  | 42.016  | ng 99  |
| 35) Caprolactam               | 8.592 | 113 | 210546m | 43.876  | ng     |
| 36) 4-Chloro-3-methylphenol   | 8.710 | 107 | 701351  | 40.475  | ng 96  |
| 37) 2-Methylnaphthalene       | 8.875 | 142 | 1463065 | 39.656  | ng 99  |
| 38) 1-Methylnaphthalene       | 8.975 | 142 | 1425991 | 40.281  | ng 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 767326  | 46.049  | ng 99  |
| 41) Hexachlorocyclopentadiene | 9.034 | 237 | 980152  | 140.947 | ng 100 |
| 43) 2,4,6-Trichlorophenol     | 9.151 | 196 | 481377  | 44.722  | ng 99  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030425\  
 Data File : BF141828.D  
 Acq On : 04 Mar 2025 15:48  
 Operator : RC/JU  
 Sample : Q1480-25MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4MS

Manual Integrations  
 APPROVED

Reviewed By :Anahy  
 Claudio

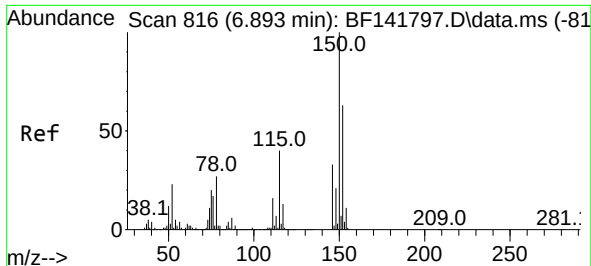
03/05/2025  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Mar 04 16:20:42 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) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 477240   | 44.775  | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 2031934  | 46.269  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1403924  | 43.313  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 425033   | 47.914  | ng    | 99       |
| 49) Acenaphthylene            | 9.781  | 152  | 2145476  | 44.148  | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 1581162  | 40.923  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 342750   | 46.467  | ng    | 97       |
| 52) Acenaphthene              | 9.951  | 154  | 1470170  | 44.834  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 221470   | 29.358  | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 269264   | 79.519  | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 1925297  | 40.339  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 609134   | 106.742 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 446180   | 49.316  | ng    | 96       |
| 58) Fluorene                  | 10.469 | 166  | 1454753  | 40.692  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 397375   | 42.867  | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 1529579  | 39.489  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 717216   | 40.040  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 338247   | 51.262  | ng    | 96       |
| 63) Azobenzene                | 10.622 | 77   | 1714859  | 42.048  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 196107   | 46.355  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 1289618  | 43.400  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 449308   | 42.508  | ng    | 97       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 480534   | 43.053  | ng    | 100      |
| 69) Atrazine                  | 11.104 | 200  | 467139   | 57.168  | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 567096   | 80.110  | ng    | 100      |
| 71) Phenanthrene              | 11.433 | 178  | 2098818  | 43.360  | ng    | 100      |
| 72) Anthracene                | 11.481 | 178  | 2120557  | 43.712  | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 1784440  | 41.654  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 2201206  | 40.536  | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 1990131  | 40.125  | ng    | 99       |
| 77) Benzidine                 | 12.733 | 184  | 710660   | 102.728 | ng    | 100      |
| 78) Pyrene                    | 12.845 | 202  | 1995623  | 41.930  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 773034   | 44.704  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 1599557  | 44.060  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 315204   | 30.262  | ng    | 100      |
| 83) Chrysene                  | 14.069 | 228  | 1385334  | 41.396  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 1010991  | 46.954  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1623744  | 50.372  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.998 | 276  | 1783630  | 48.741  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1467507  | 37.488  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 1400890  | 42.104  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 1396307  | 44.476  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 1432699  | 47.964  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.451 | 276  | 1394513  | 45.571  | ng    | 99       |

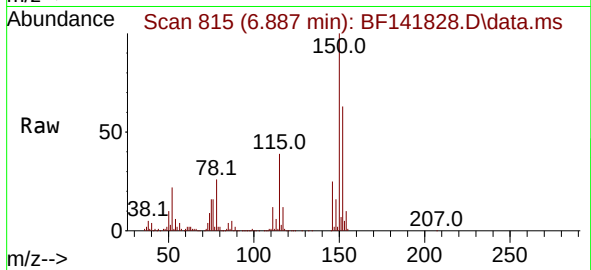
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



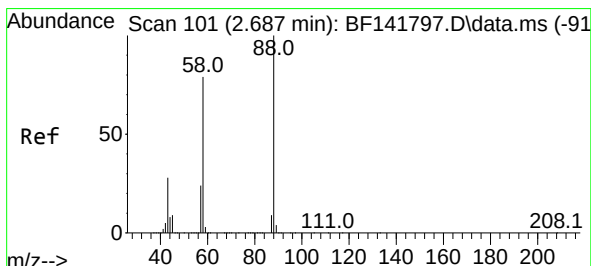
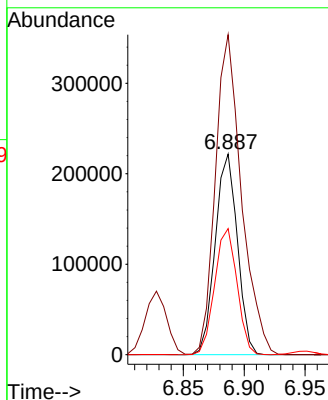
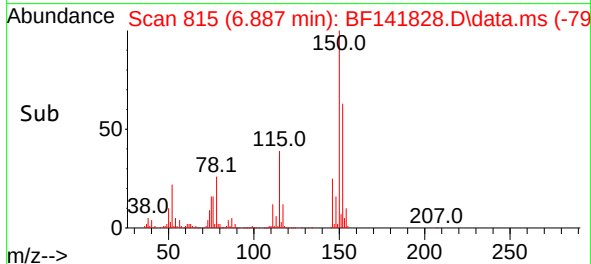
Tgt Ion:152 Resp: 280974  
Ion Ratio Lower Upper  
152 100  
150 159.5 127.5 191.3  
115 62.8 51.4 77.2

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

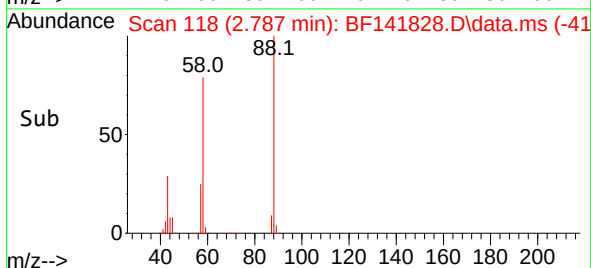
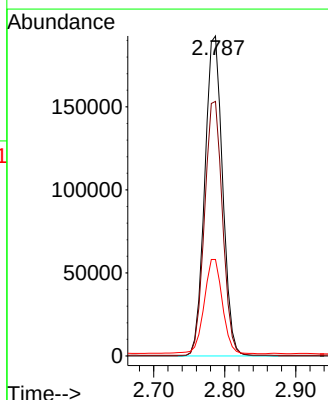
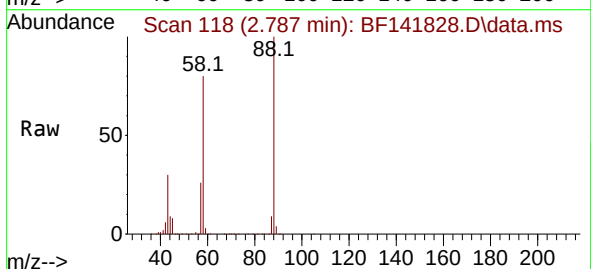
03/05/2025  
Supervised By :Jagrut  
Upadhyay

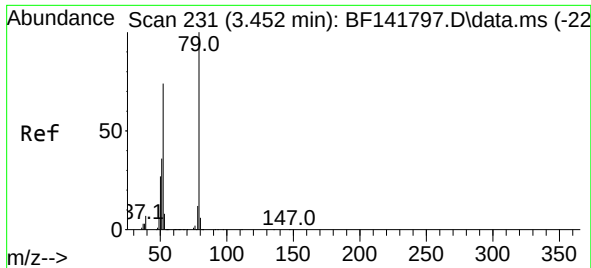
03/05/2025



#2  
1,4-Dioxane  
Concen: 42.112 ng  
RT: 2.787 min Scan# 118  
Delta R.T. 0.100 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

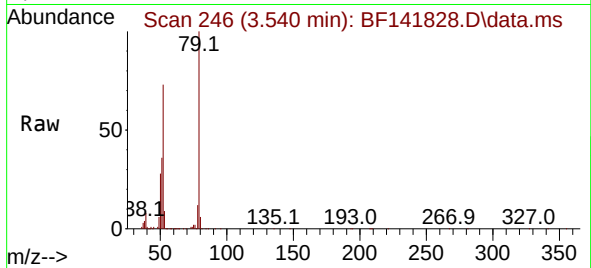
Tgt Ion: 88 Resp: 336186  
Ion Ratio Lower Upper  
88 100  
58 79.9 63.9 95.9  
43 30.6 23.0 34.6





#3  
 Pyridine  
 Concen: 40.409 ng  
 RT: 3.540 min Scan# 246  
 Delta R.T. 0.088 min  
 Lab File: BF141828.D  
 Acq: 04 Mar 2025 15:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4MS



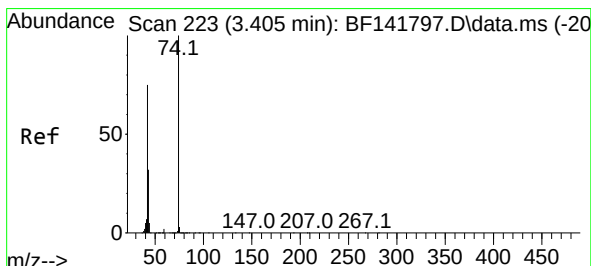
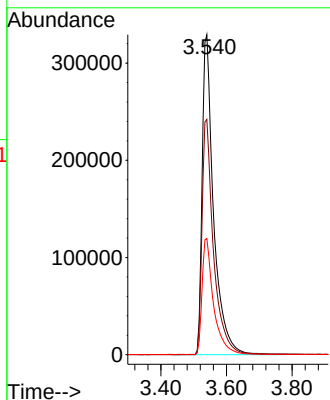
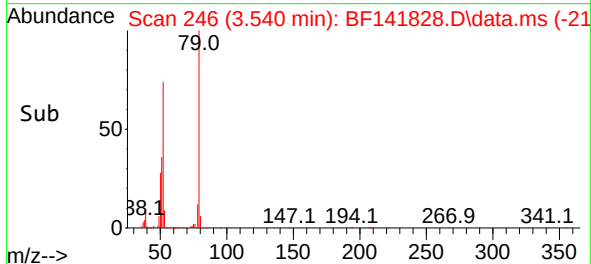
Tgt Ion: 79 Resp: 802639  
 Ion Ratio Lower Upper  
 79 100  
 52 73.5 59.0 88.4  
 51 36.3 29.0 43.4

Manual Integrations  
 APPROVED

Reviewed By :Anahy  
 Claudio

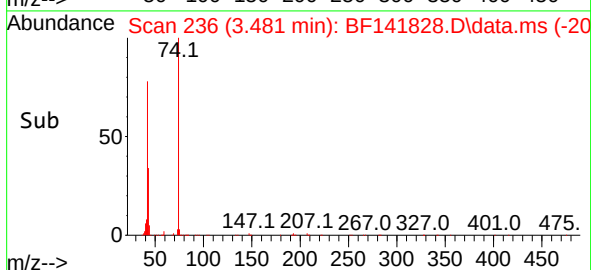
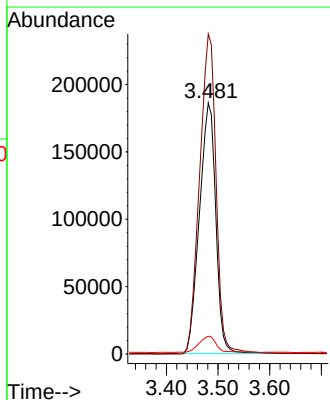
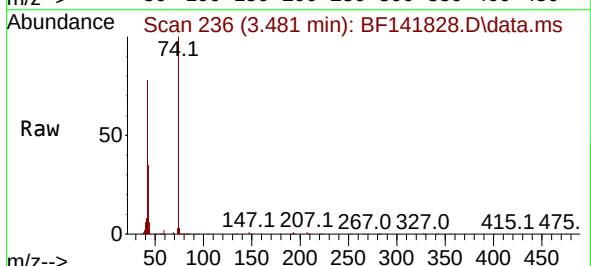
03/05/2025  
 Supervised By :Jagrut  
 Upadhyay

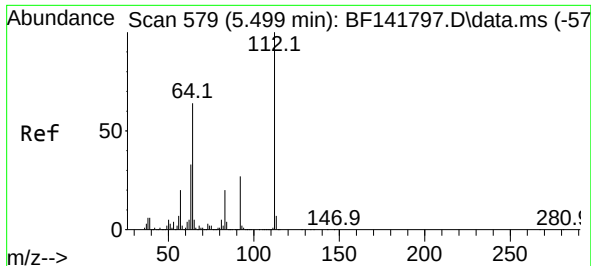
03/05/2025



#4  
 n-Nitrosodimethylamine  
 Concen: 42.914 ng  
 RT: 3.481 min Scan# 236  
 Delta R.T. 0.076 min  
 Lab File: BF141828.D  
 Acq: 04 Mar 2025 15:48

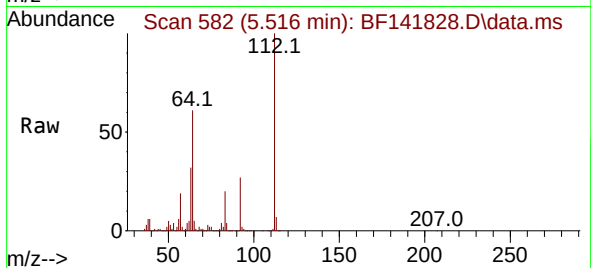
Tgt Ion: 42 Resp: 410148  
 Ion Ratio Lower Upper  
 42 100  
 74 127.5 107.1 160.7  
 44 7.1 6.6 9.8





#5  
2-Fluorophenol  
Concen: 110.086 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



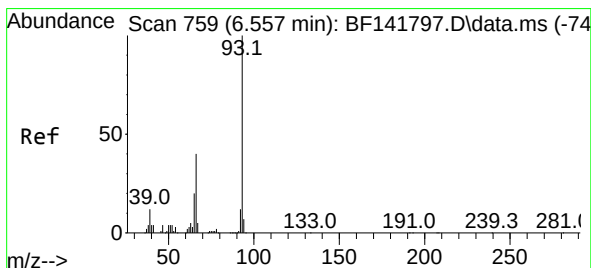
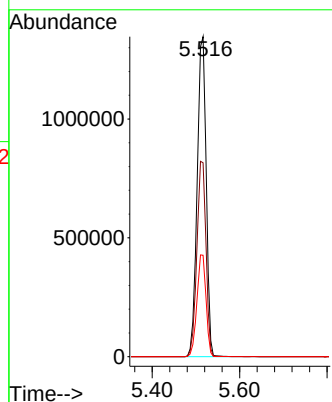
Tgt Ion:112 Resp: 1936854  
Ion Ratio Lower Upper  
112 100  
64 60.6 51.3 76.9  
63 31.7 26.2 39.4

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

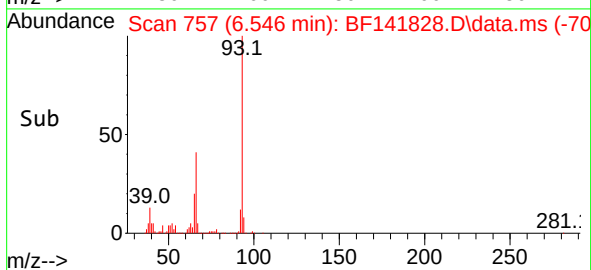
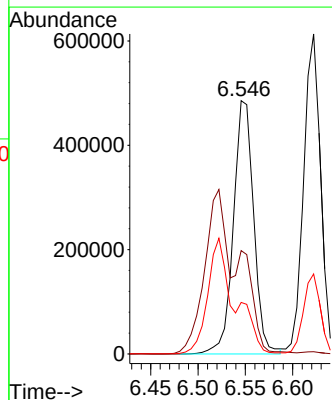
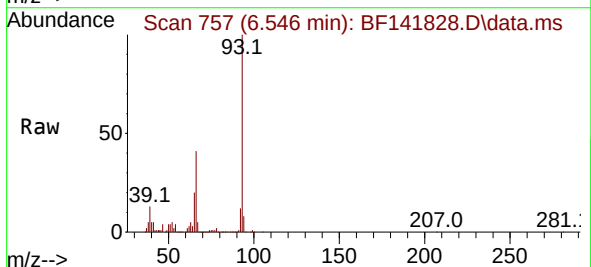
03/05/2025  
Supervised By :Jagrut  
Upadhyay

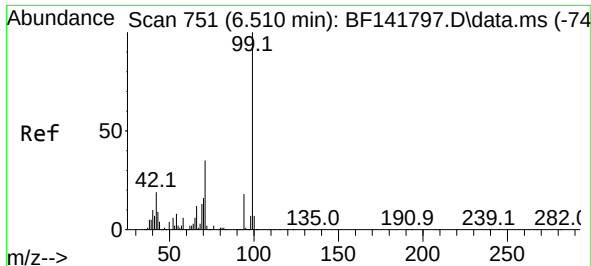
03/05/2025



#6  
Aniline  
Concen: 30.365 ng  
RT: 6.546 min Scan# 757  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

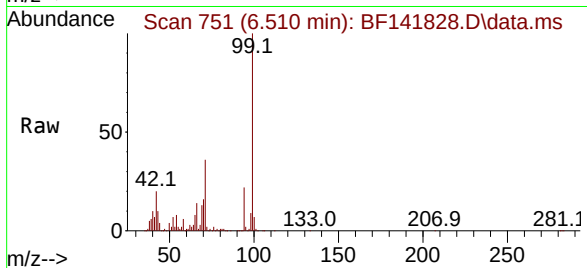
Tgt Ion: 93 Resp: 722924  
Ion Ratio Lower Upper  
93 100  
66 40.8 32.3 48.5  
65 20.3 15.9 23.9





#7  
Phenol-d6  
Concen: 105.798 ng  
RT: 6.510 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



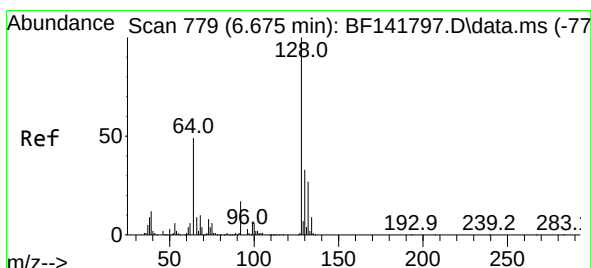
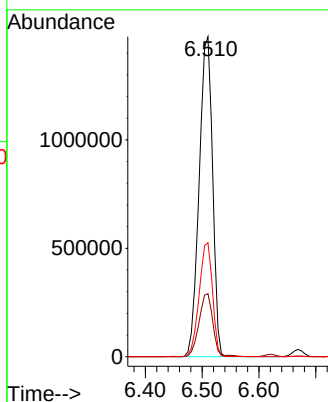
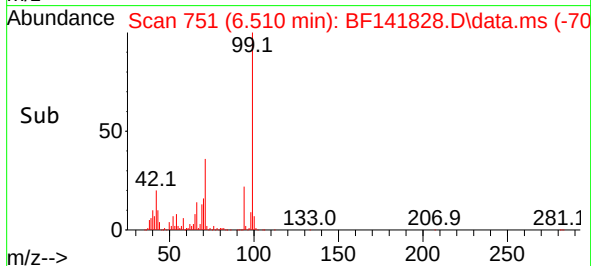
Tgt Ion: 99 Resp: 2422790  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.2 22.8  
71 35.6 28.2 42.2

Manual Integrations  
APPROVED

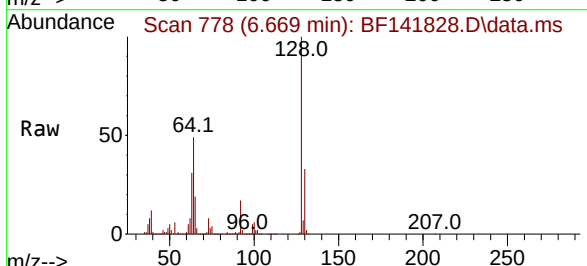
Reviewed By :Anahy  
Claudio

03/05/2025  
Supervised By :Jagrut  
Upadhyay

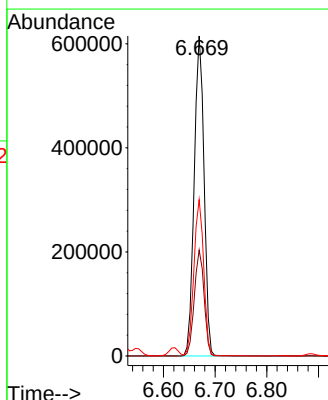
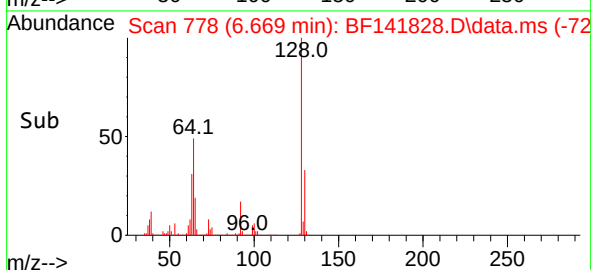
03/05/2025

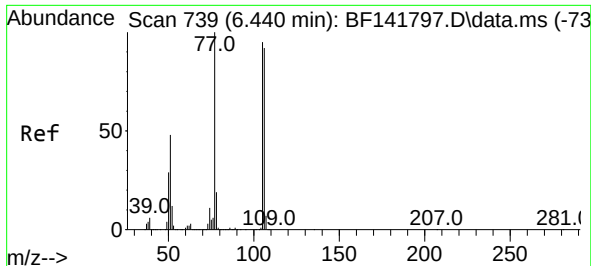


#8  
2-Chlorophenol  
Concen: 42.838 ng  
RT: 6.669 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48



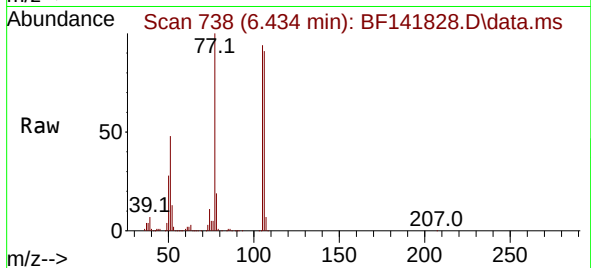
Tgt Ion:128 Resp: 815308  
Ion Ratio Lower Upper  
128 100  
130 33.1 12.6 52.6  
64 48.8 31.1 71.1





#9  
Benzaldehyde  
Concen: 23.282 ng  
RT: 6.434 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



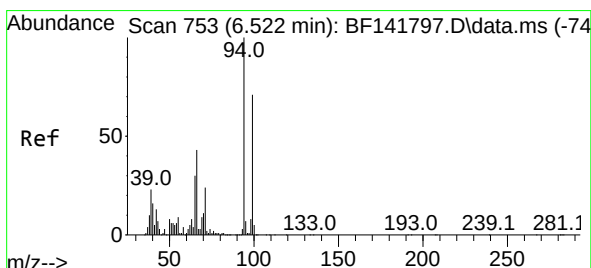
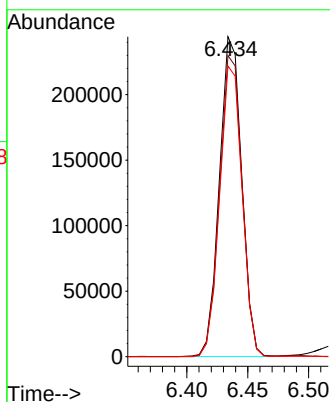
Tgt Ion: 77 Resp: 310132  
Ion Ratio Lower Upper  
77 100  
105 94.1 75.3 115.3  
106 90.8 72.3 112.3

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

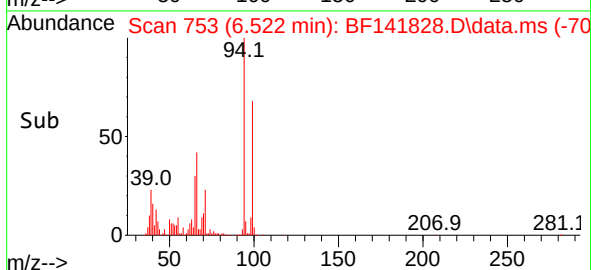
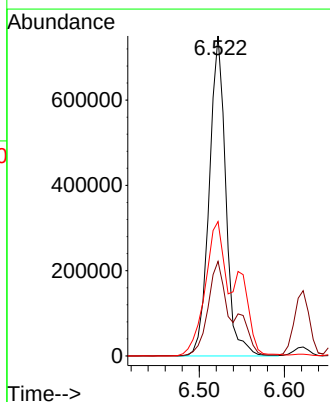
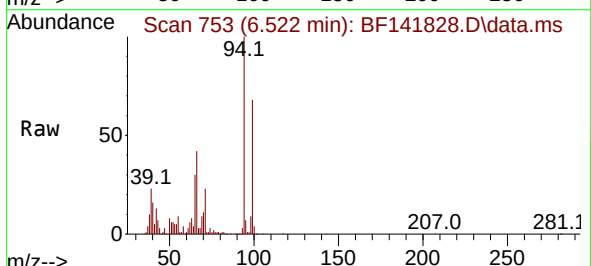
03/05/2025  
Supervised By :Jagrut  
Upadhyay

03/05/2025

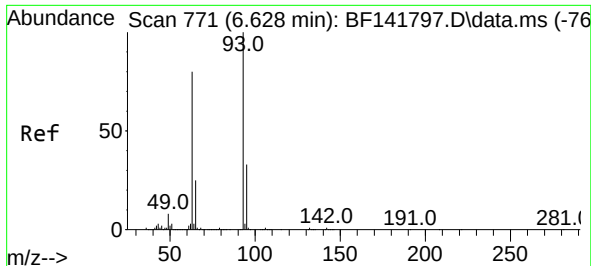


#10  
Phenol  
Concen: 41.353 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion: 94 Resp: 1011950  
Ion Ratio Lower Upper  
94 100  
65 29.6 10.2 50.2  
66 42.0 23.2 63.2

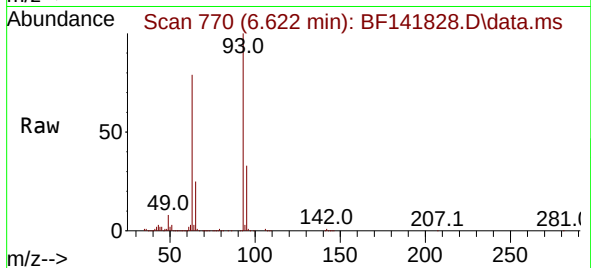






#11  
bis(2-Chloroethyl)ether  
Concen: 40.759 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



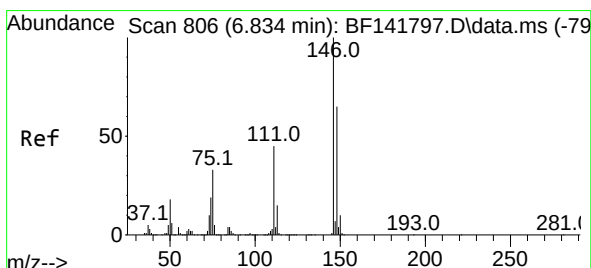
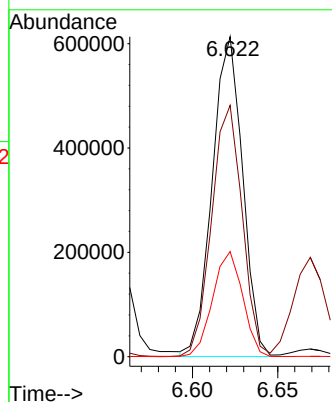
Tgt Ion: 93 Resp: 760280  
Ion Ratio Lower Upper  
93 100  
63 78.5 59.3 99.3  
95 32.8 13.2 53.2

Manual Integrations  
APPROVED

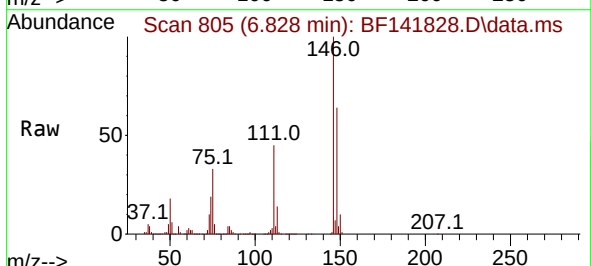
Reviewed By :Anahy  
Claudio

03/05/2025  
Supervised By :Jagrut  
Upadhyay

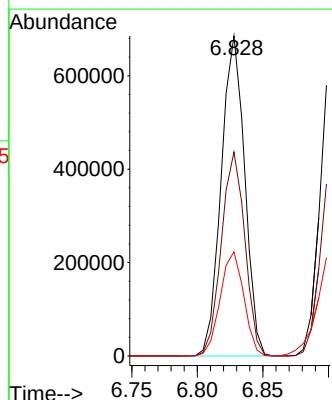
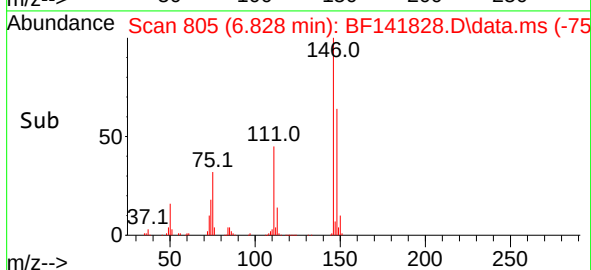
03/05/2025

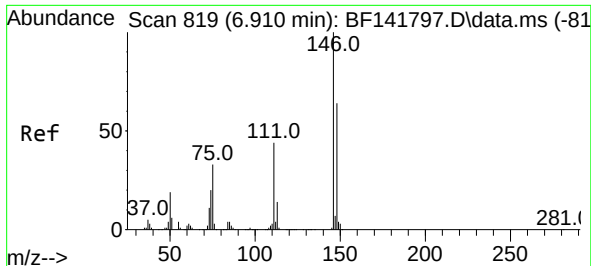


#12  
1,3-Dichlorobenzene  
Concen: 41.868 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48



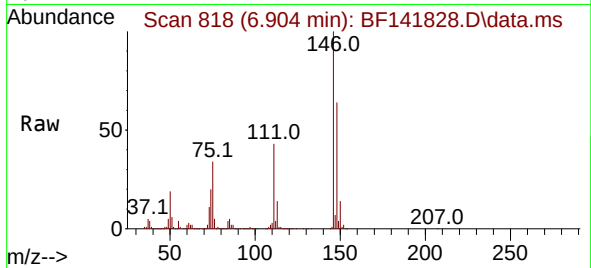
Tgt Ion:146 Resp: 853360  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.8 77.6  
75 32.6 26.2 39.4





#13  
1,4-Dichlorobenzene  
Concen: 41.973 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



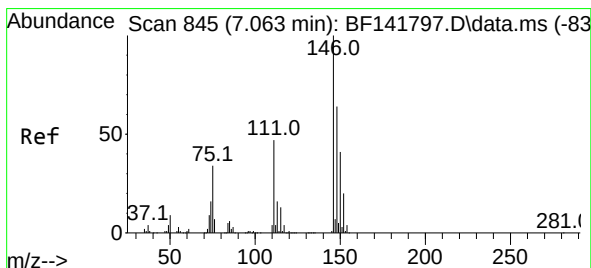
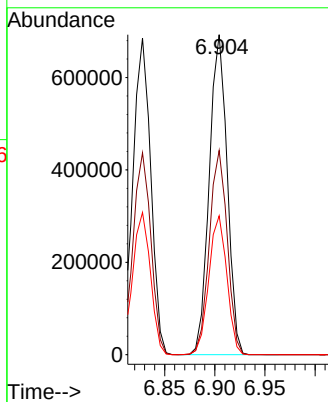
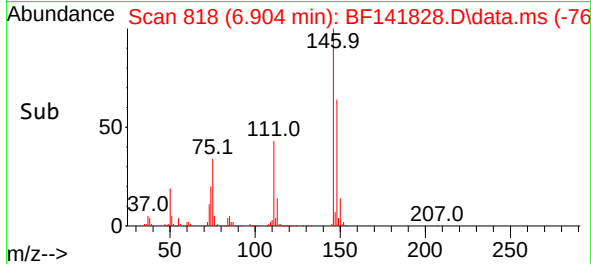
Tgt Ion:146 Resp: 862010  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.4 77.2  
111 43.4 35.5 53.3

Manual Integrations  
APPROVED

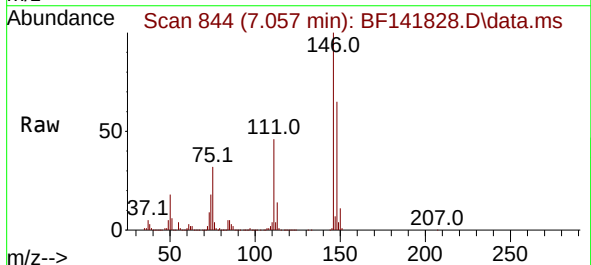
Reviewed By :Anahy  
Claudio

03/05/2025  
Supervised By :Jagrut  
Upadhyay

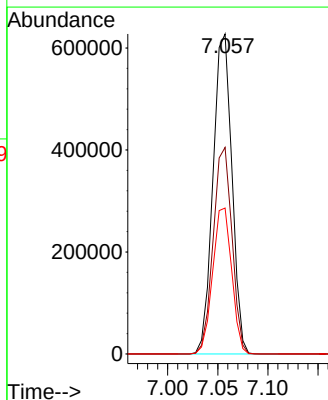
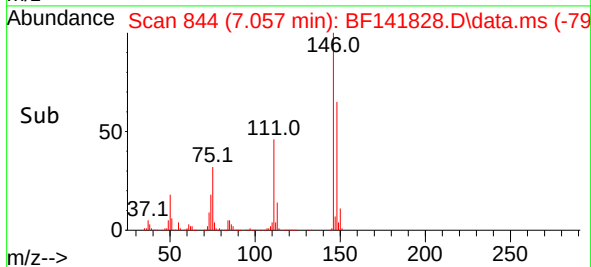
03/05/2025

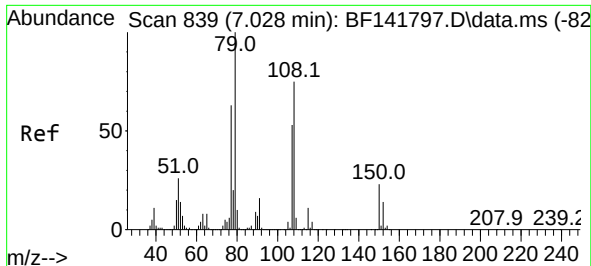


#14  
1,2-Dichlorobenzene  
Concen: 42.804 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48



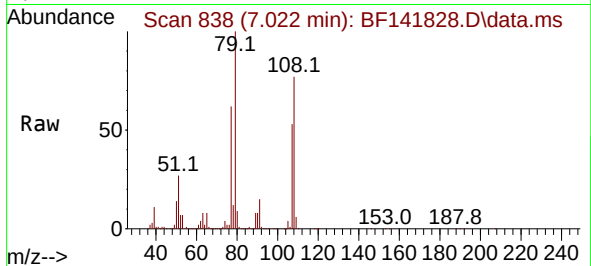
Tgt Ion:146 Resp: 820877  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.2 76.8  
111 45.6 37.8 56.6





#15  
Benzyl Alcohol  
Concen: 39.733 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



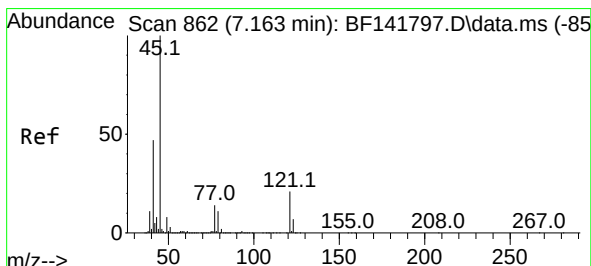
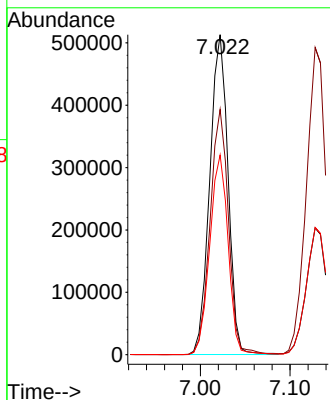
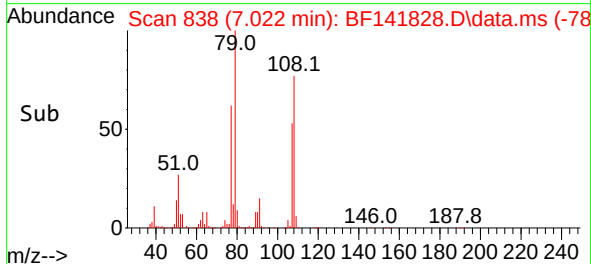
Tgt Ion: 79 Resp: 727190  
Ion Ratio Lower Upper  
79 100  
108 76.7 60.2 90.2  
77 62.4 50.2 75.2

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

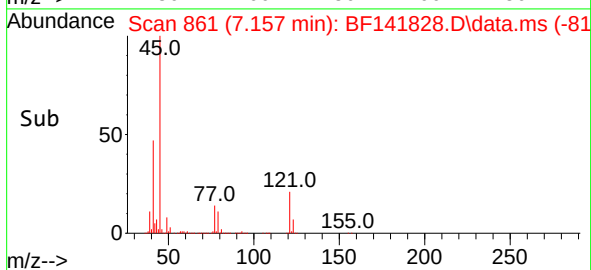
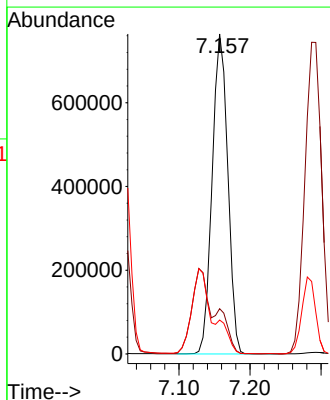
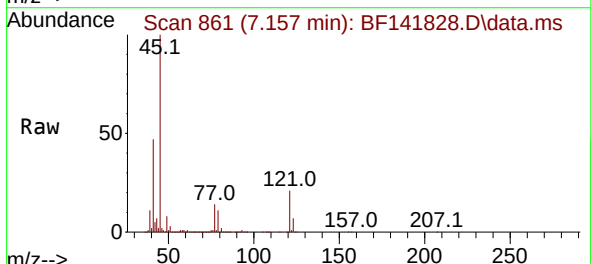
03/05/2025  
Supervised By :Jagrut  
Upadhyay

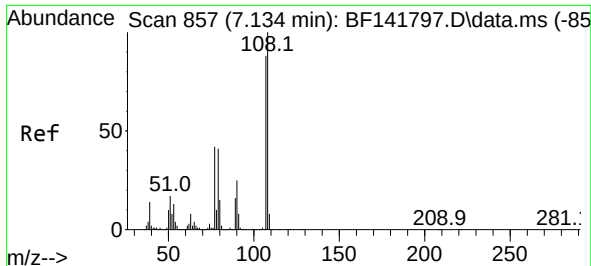
03/05/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.051 ng  
RT: 7.157 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

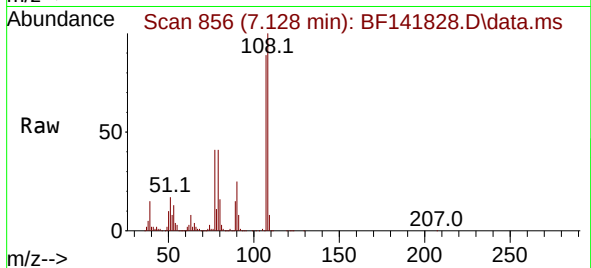
Tgt Ion: 45 Resp: 1162884  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 34.4  
79 10.6 0.0 30.9





#17  
2-Methylphenol  
Concen: 41.961 ng  
RT: 7.128 min Scan# 857  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



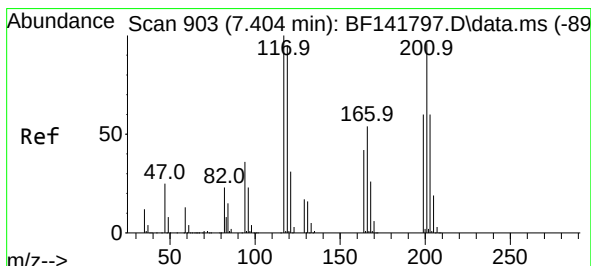
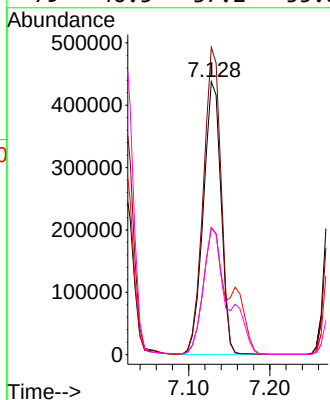
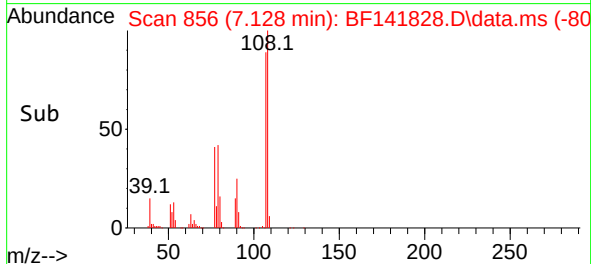
Tgt Ion:107 Resp: 659204  
Ion Ratio Lower Upper  
107 100  
108 112.5 90.6 135.8  
77 46.6 37.7 56.5  
79 46.5 37.2 55.8

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

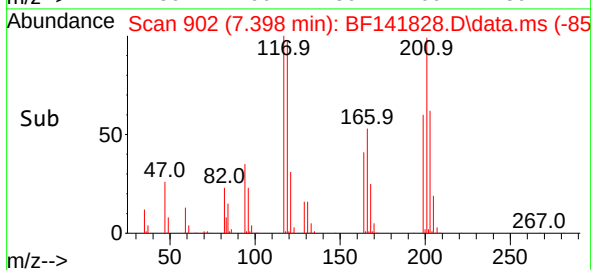
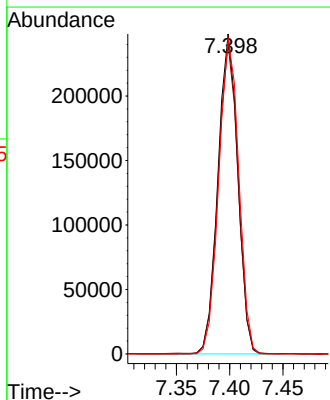
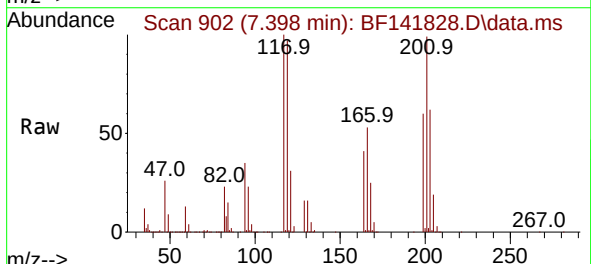
03/05/2025  
Supervised By :Jagrut  
Upadhyay

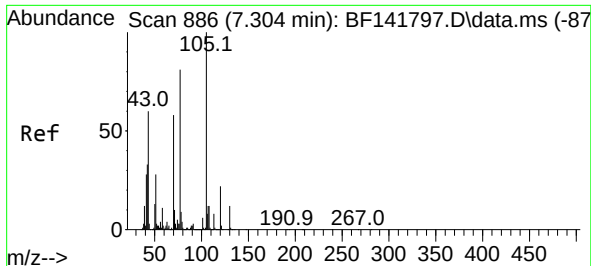
03/05/2025



#18  
Hexachloroethane  
Concen: 41.768 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

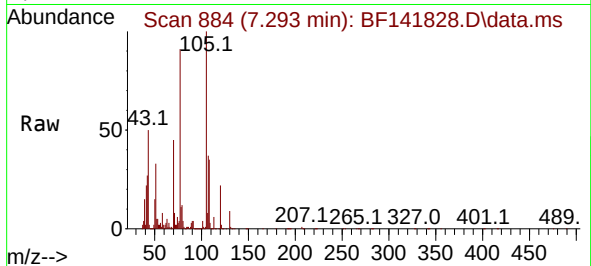
Tgt Ion:117 Resp: 321061  
Ion Ratio Lower Upper  
117 100  
119 96.8 75.8 113.8  
201 98.5 76.7 115.1





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.709 ng  
RT: 7.293 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



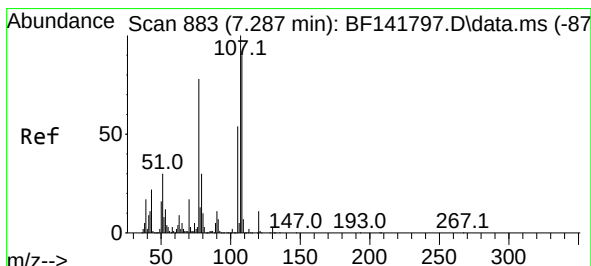
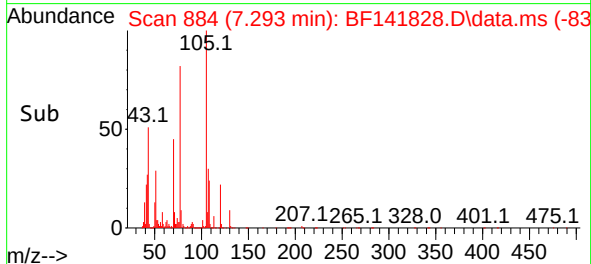
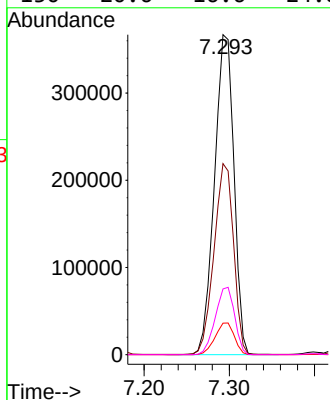
Tgt Ion: 70 Resp: 582719  
Ion Ratio Lower Upper  
70 100  
42 59.7 45.4 68.0  
101 9.9 7.8 11.8  
130 20.6 16.6 24.8

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

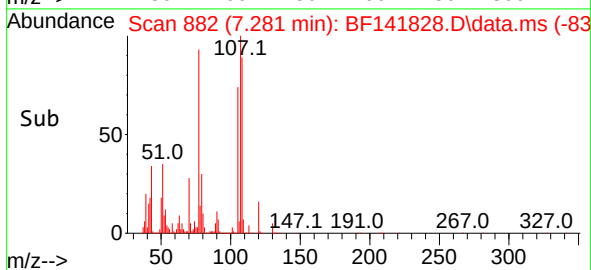
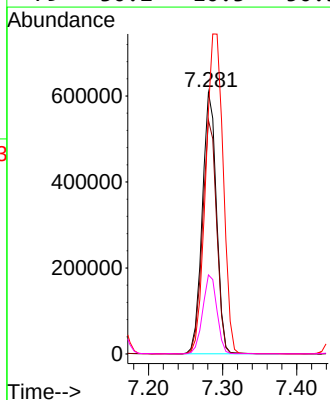
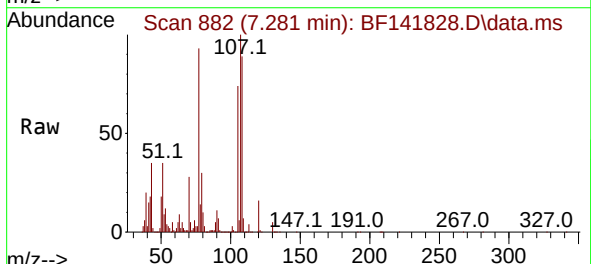
03/05/2025  
Supervised By :Jagrut  
Upadhyay

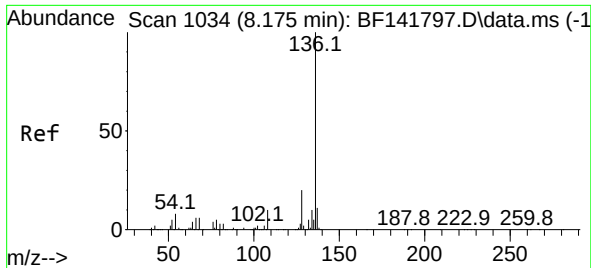
03/05/2025



#20  
3+4-Methylphenols  
Concen: 41.398 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

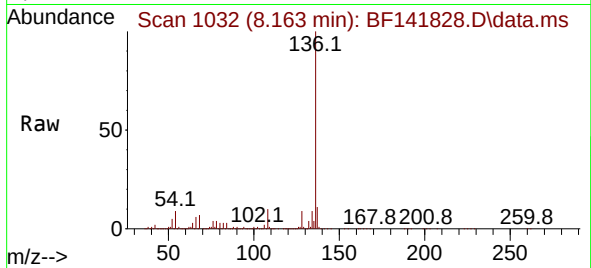
Tgt Ion:107 Resp: 809830  
Ion Ratio Lower Upper  
107 100  
108 89.4 69.7 109.7  
77 92.9 58.3 98.3  
79 30.2 10.3 50.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



Tgt Ion:136 Resp: 109442

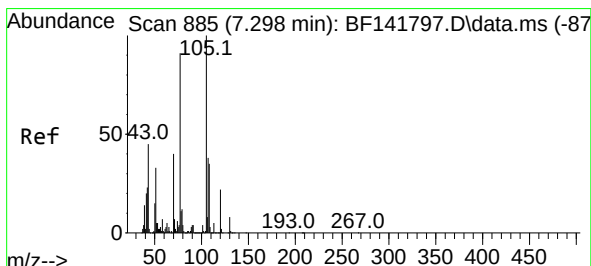
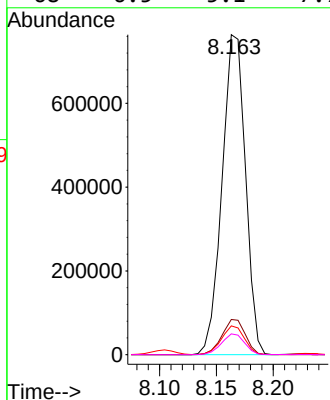
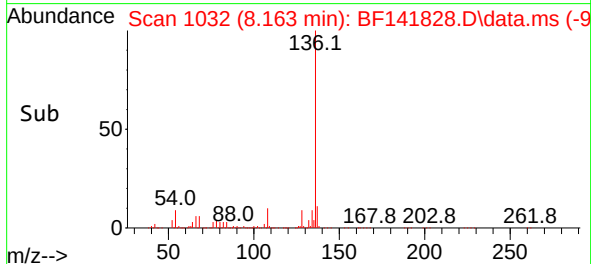
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.9   | 13.3  |
| 54  | 9.0   | 6.9   | 10.3  |
| 68  | 6.5   | 5.1   | 7.7   |

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

03/05/2025  
Supervised By :Jagrut  
Upadhyay

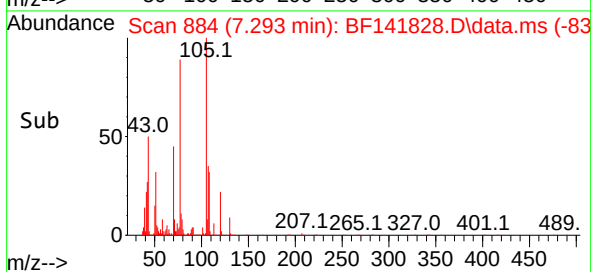
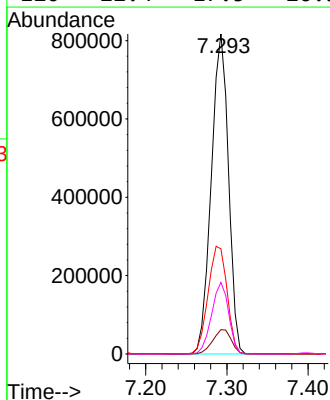
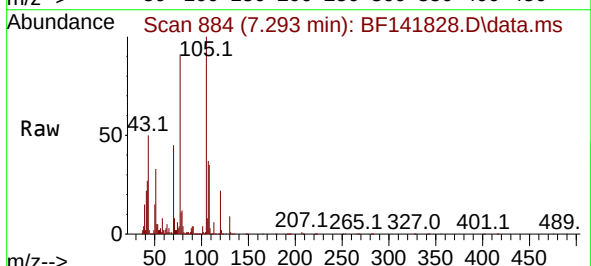
03/05/2025

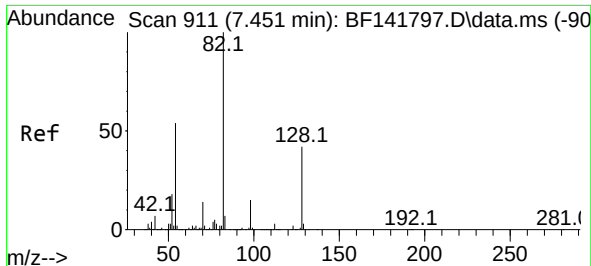


#22  
Acetophenone  
Concen: 44.949 ng  
RT: 7.293 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:105 Resp: 1198092

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.6   | 5.4   | 8.0   |
| 51  | 32.9  | 26.1  | 39.1  |
| 120 | 22.4  | 17.5  | 26.3  |





#23

Nitrobenzene-d5

Concen: 92.324 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

Tgt Ion: 82 Resp: 158074

Ion Ratio Lower Upper

82 100

128 43.7 33.5 50.3

54 52.4 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Anahy

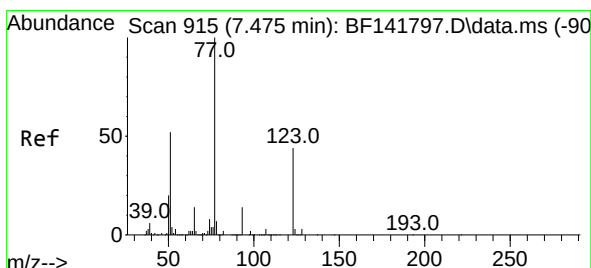
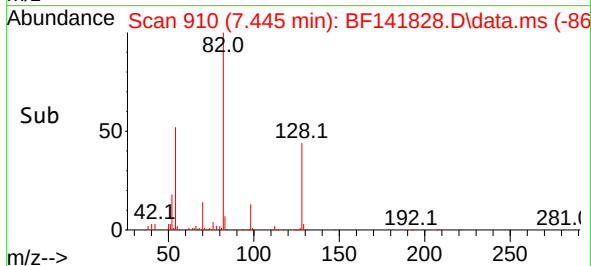
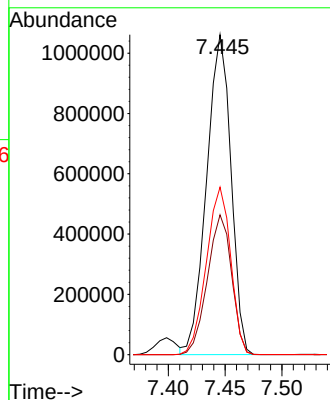
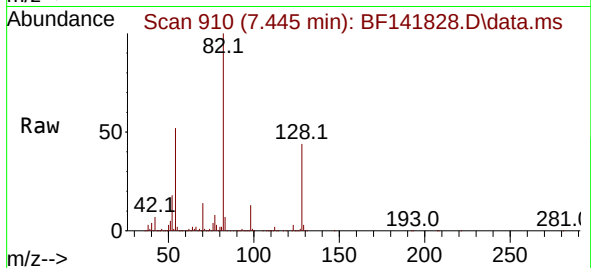
Claudio

03/05/2025

Supervised By :Jagrut

Upadhyay

03/05/2025



#24

Nitrobenzene

Concen: 46.965 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

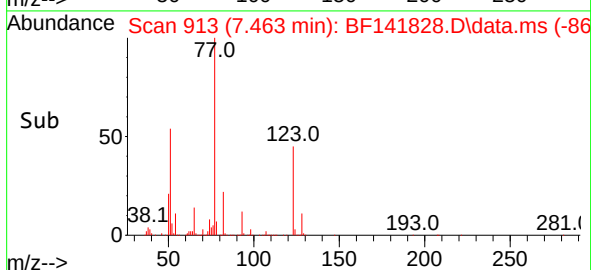
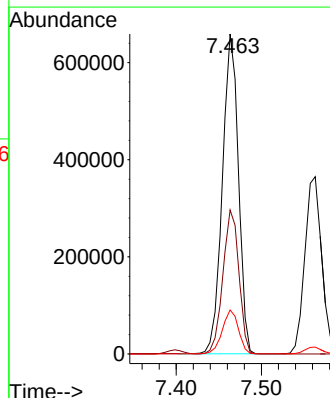
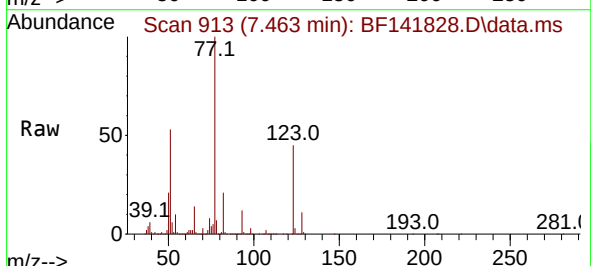
Tgt Ion: 77 Resp: 861089

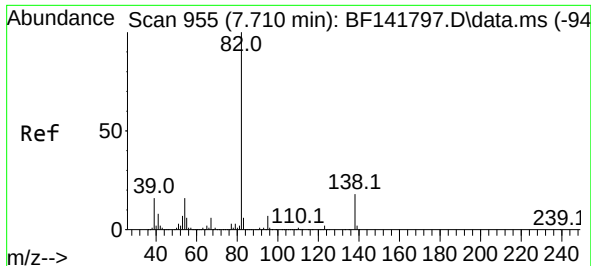
Ion Ratio Lower Upper

77 100

123 45.0 35.8 53.8

65 13.8 11.2 16.8





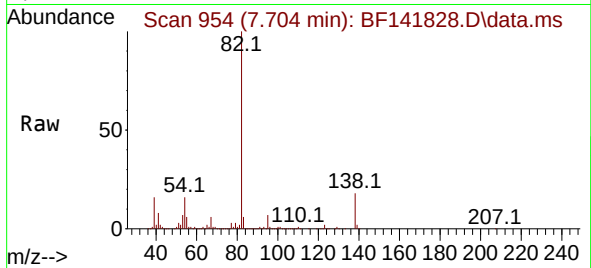
#25  
Isophorone  
Concen: 42.727 ng  
RT: 7.704 min Scan# 954  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS



Tgt Ion: 82 Resp: 1571659  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 17.7 14.0 21.0

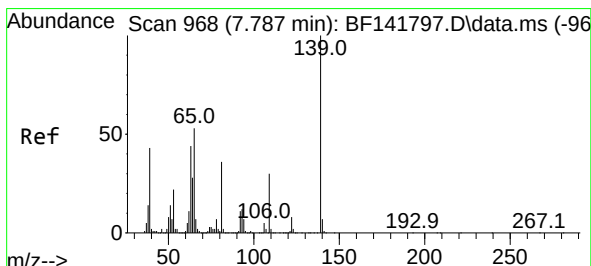
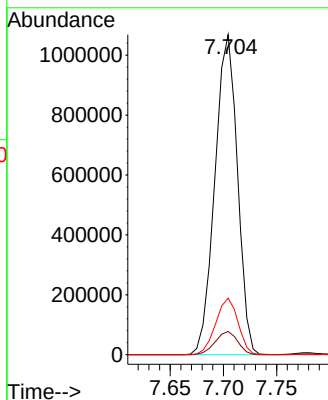
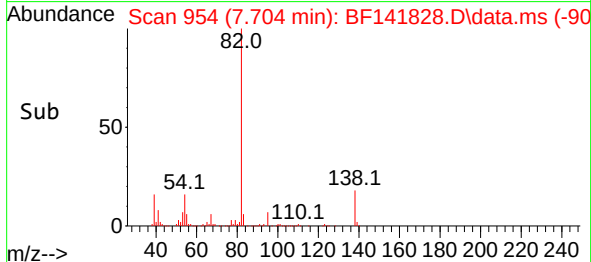
Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

03/05/2025

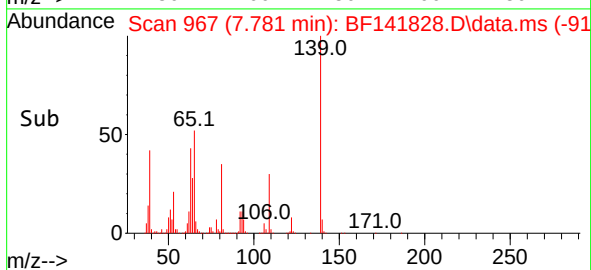
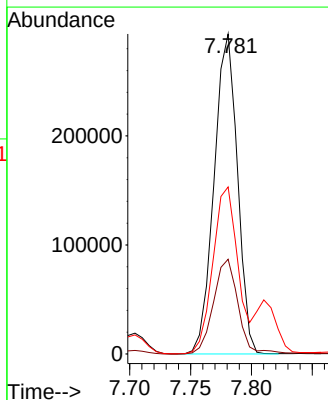
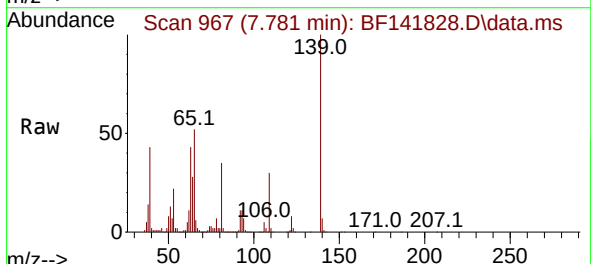
Supervised By :Jagrut  
Upadhyay

03/05/2025

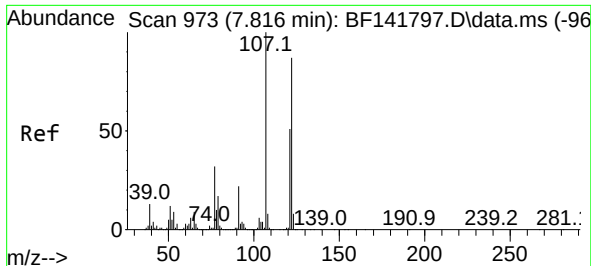


#26  
2-Nitrophenol  
Concen: 47.863 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:139 Resp: 391901  
Ion Ratio Lower Upper  
139 100  
109 29.6 24.1 36.1  
65 52.2 42.3 63.5







#27

2,4-Dimethylphenol

Concen: 52.166 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141828.D

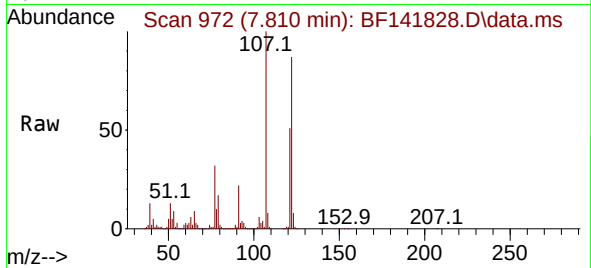
Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS



Tgt Ion:122 Resp: 70535

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 115.1 | 92.5  | 138.7 |
| 121 | 58.5  | 47.1  | 70.7  |

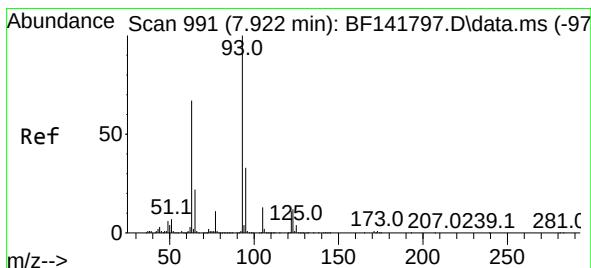
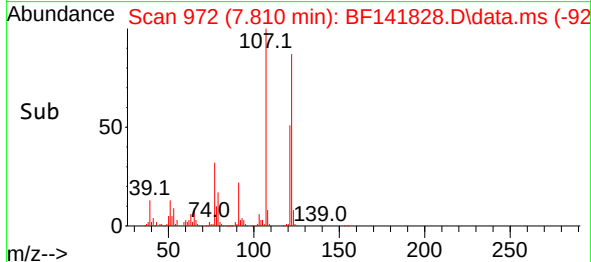
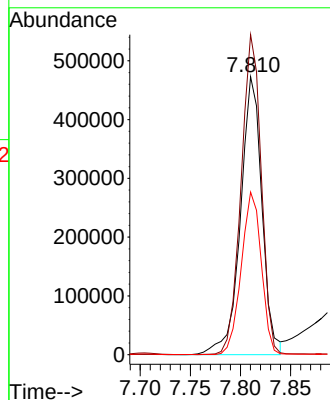
Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

03/05/2025

Supervised By :Jagrut  
Upadhyay

03/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.318 ng

RT: 7.910 min Scan# 989

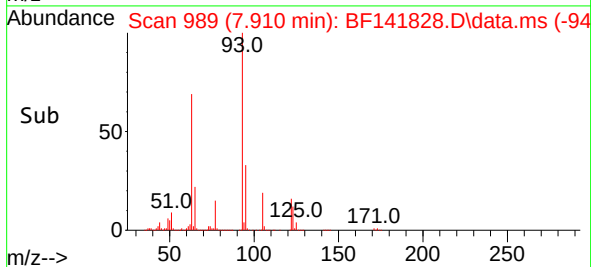
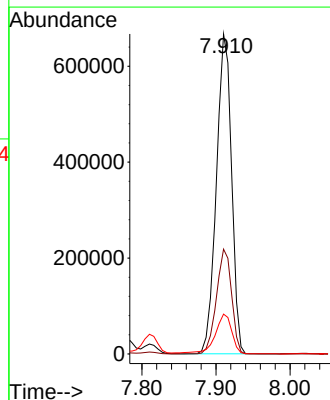
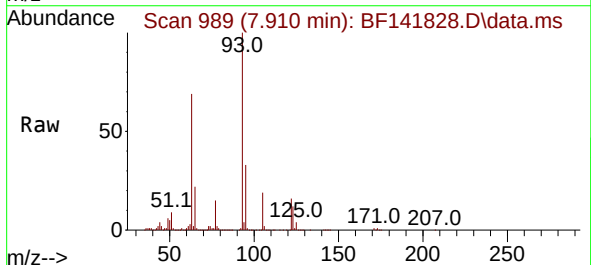
Delta R.T. -0.012 min

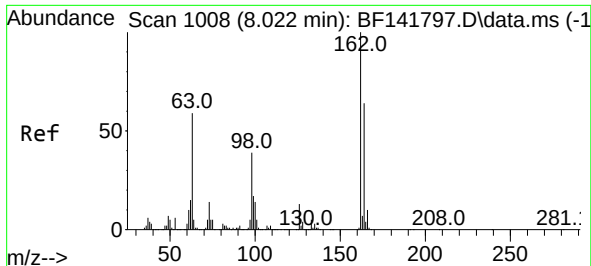
Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Tgt Ion: 93 Resp: 946042

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.7  | 26.5  | 39.7  |
| 123 | 12.4  | 10.0  | 15.0  |





#29

2,4-Dichlorophenol

Concen: 42.636 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

Tgt Ion:162 Resp: 66507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 64.4  | 44.3  | 84.3  |
| 98  | 38.8  | 19.6  | 59.6  |

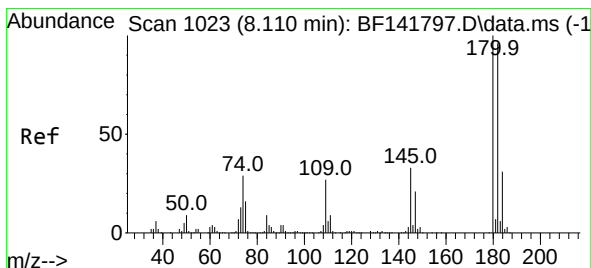
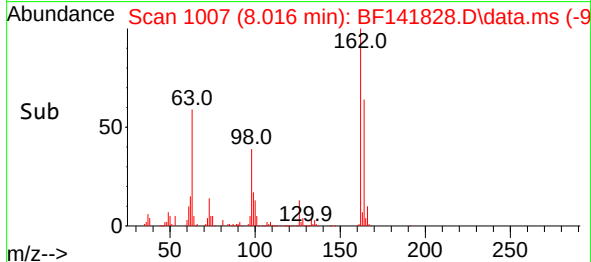
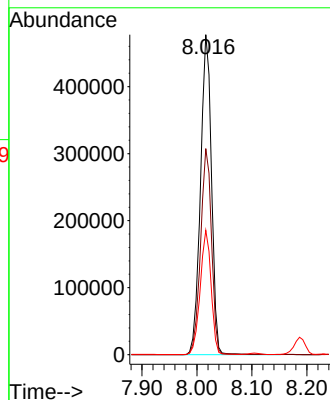
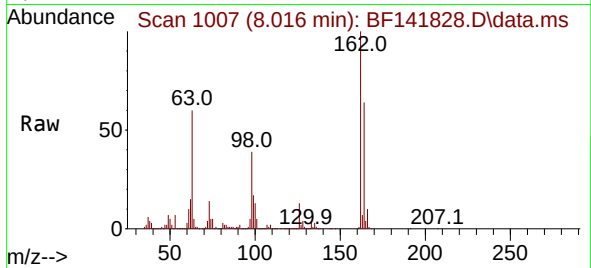
Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

03/05/2025

Supervised By :Jagrut  
Upadhyay

03/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.122 ng

RT: 8.104 min Scan# 1022

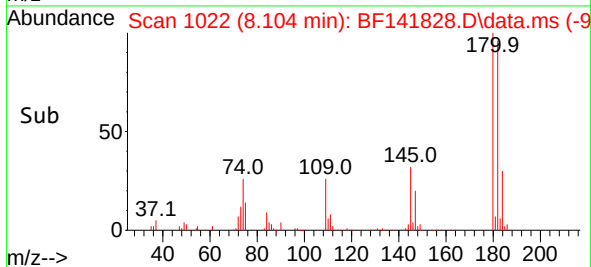
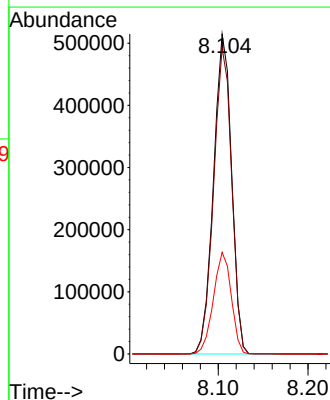
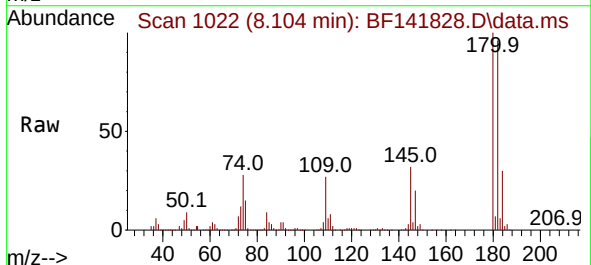
Delta R.T. -0.006 min

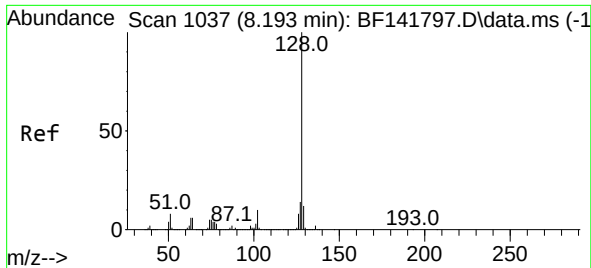
Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Tgt Ion:180 Resp: 719985

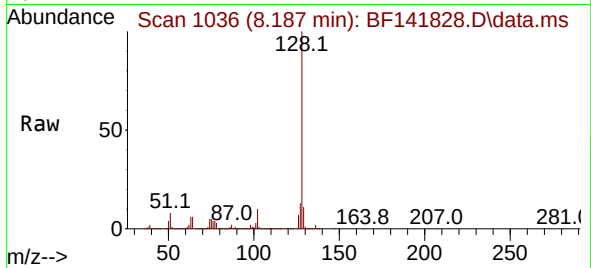
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.6  | 76.8  | 115.2 |
| 145 | 31.8  | 26.4  | 39.6  |





#31  
Naphthalene  
Concen: 41.280 ng  
RT: 8.187 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



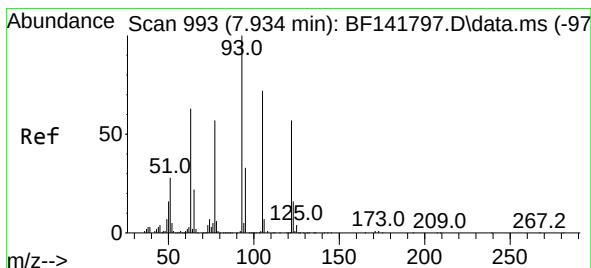
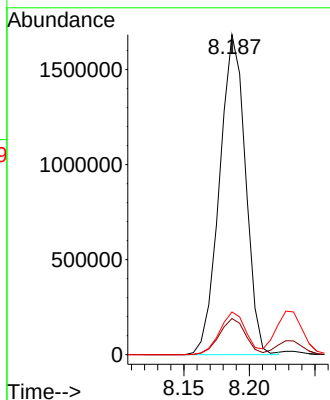
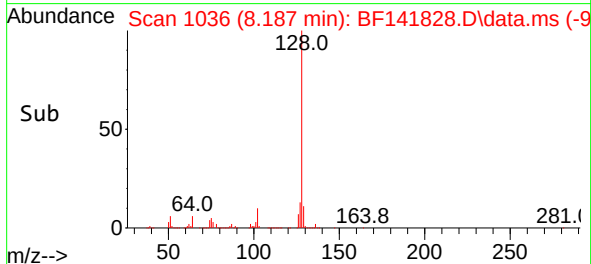
Tgt Ion:128 Resp: 2321950  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.4 11.0 16.4

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

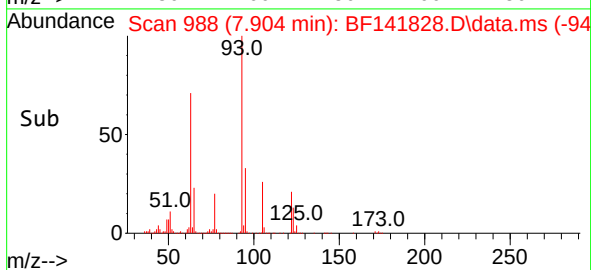
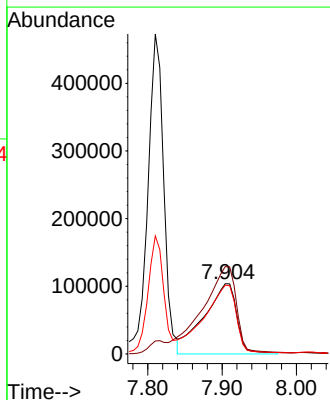
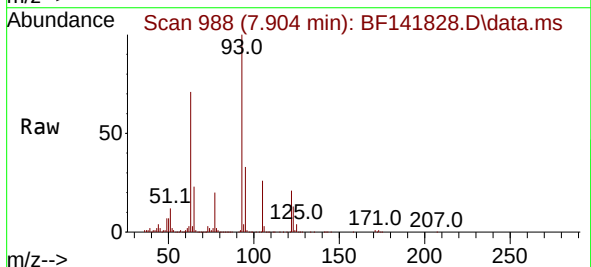
03/05/2025  
Supervised By :Jagrut  
Upadhyay

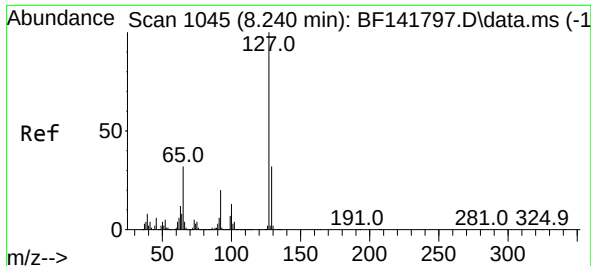
03/05/2025



#32  
Benzoic acid  
Concen: 31.671 ng m  
RT: 7.904 min Scan# 988  
Delta R.T. -0.030 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

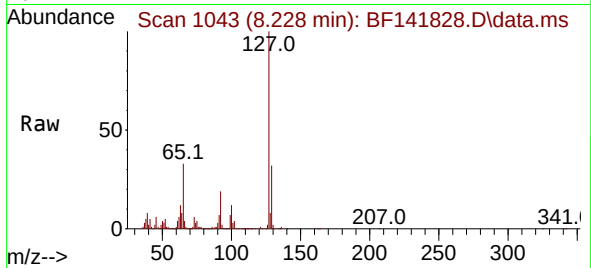
Tgt Ion:122 Resp: 322264  
Ion Ratio Lower Upper  
122 100  
105 124.3 105.8 145.8  
77 97.9 79.9 119.9





#33  
4-Chloroaniline  
Concen: 16.160 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



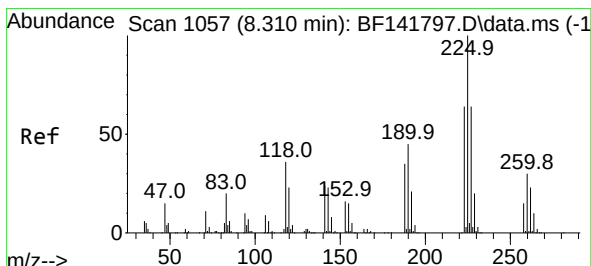
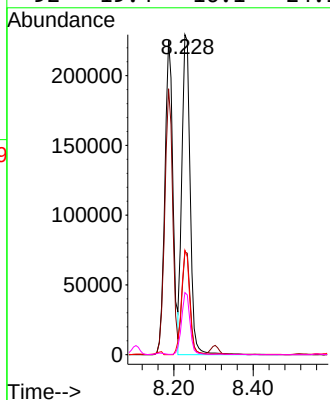
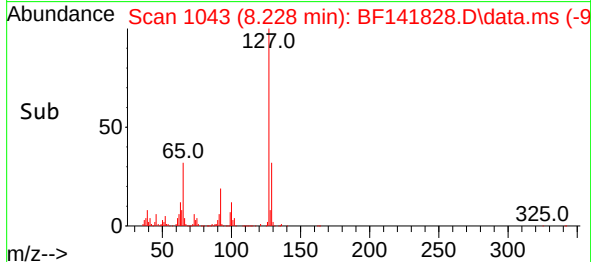
Tgt Ion:127 Resp: 333294  
Ion Ratio Lower Upper  
127 100  
129 32.1 26.1 39.1  
65 32.6 25.7 38.5  
92 19.4 16.1 24.1

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

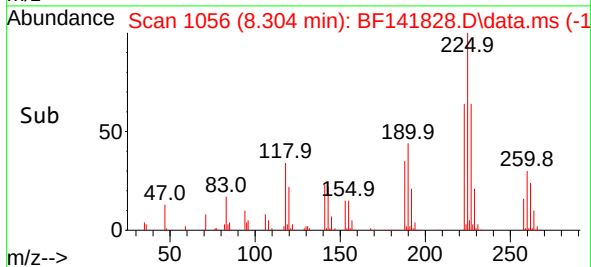
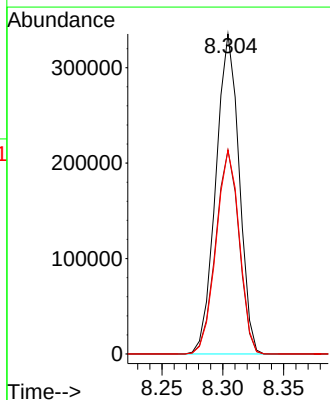
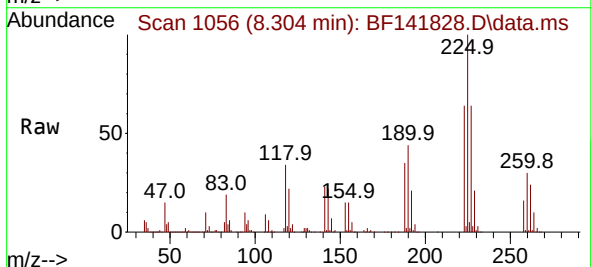
03/05/2025  
Supervised By :Jagrut  
Upadhyay

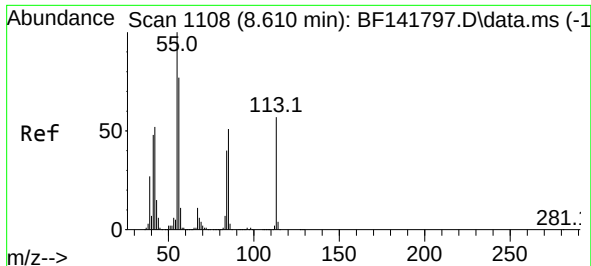
03/05/2025



#34  
Hexachlorobutadiene  
Concen: 42.016 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

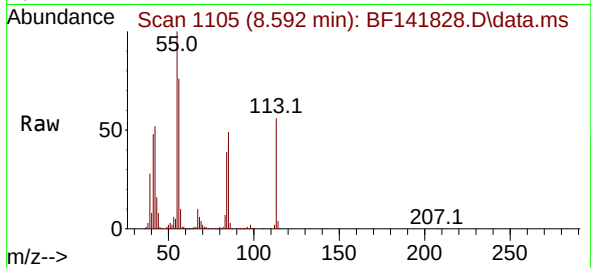
Tgt Ion:225 Resp: 446279  
Ion Ratio Lower Upper  
225 100  
223 63.7 51.4 77.2  
227 63.7 51.6 77.4





#35  
Caprolactam  
Concen: 43.876 ng m  
RT: 8.592 min Scan# 1105  
Delta R.T. -0.018 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



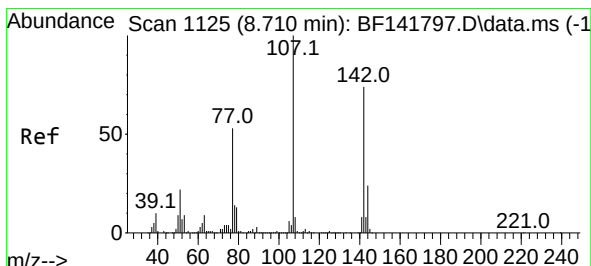
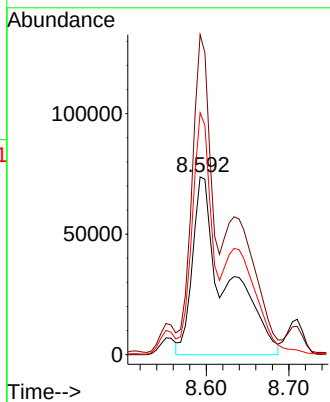
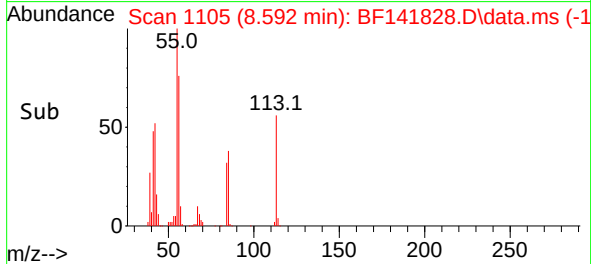
Tgt Ion:113 Resp: 210540  
Ion Ratio Lower Upper  
113 100  
55 180.0 155.6 195.6  
56 136.1 114.6 154.6

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

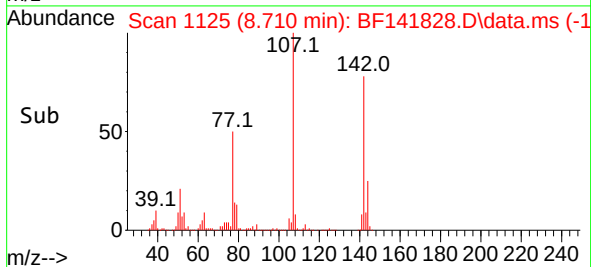
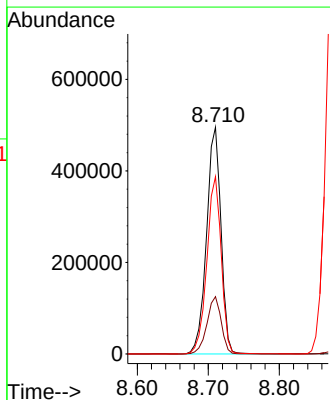
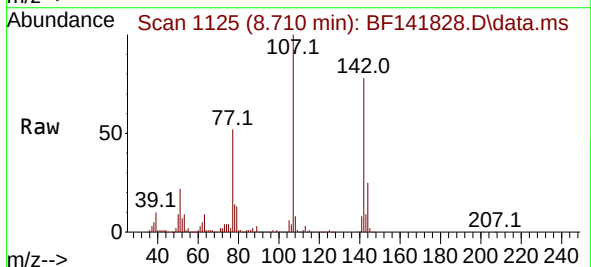
03/05/2025  
Supervised By :Jagrut  
Upadhyay

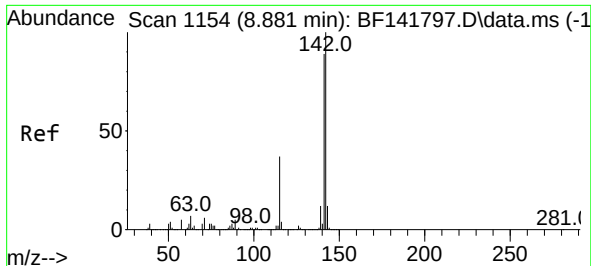
03/05/2025



#36  
4-Chloro-3-methylphenol  
Concen: 40.475 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. 0.000 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

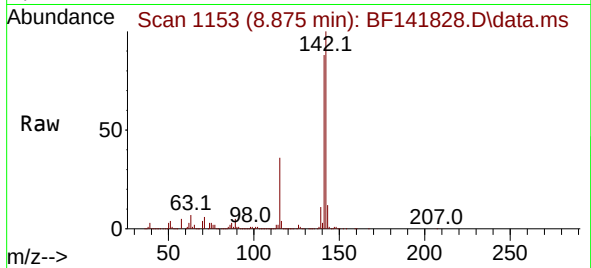
Tgt Ion:107 Resp: 701351  
Ion Ratio Lower Upper  
107 100  
144 25.3 19.4 29.0  
142 78.2 59.4 89.0





#37  
2-Methylnaphthalene  
Concen: 39.656 ng  
RT: 8.875 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



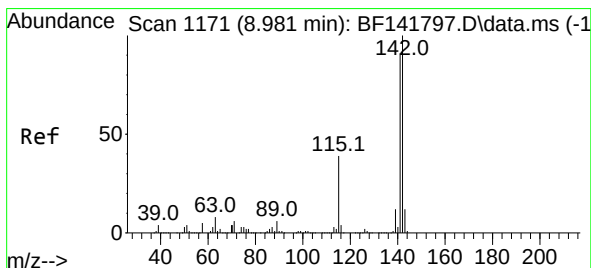
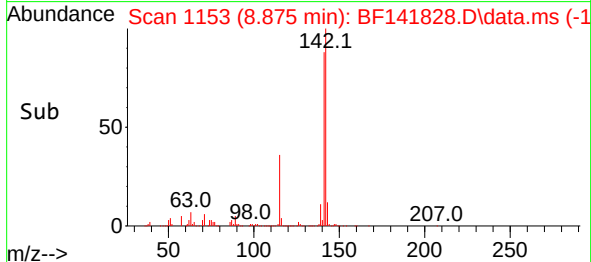
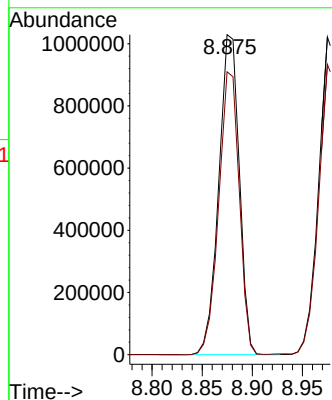
Tgt Ion:142 Resp: 146306  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.1 106.7

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

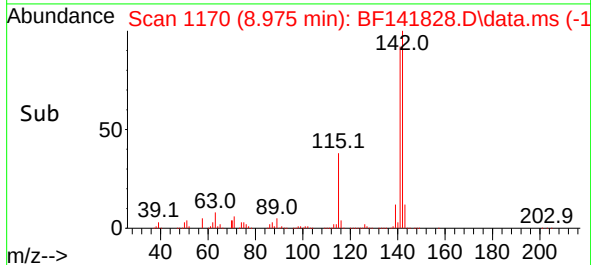
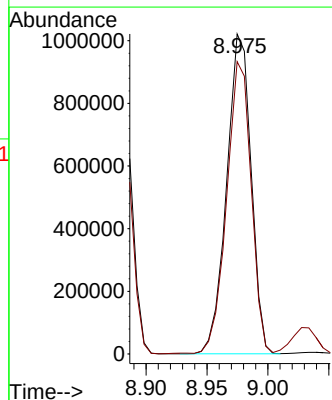
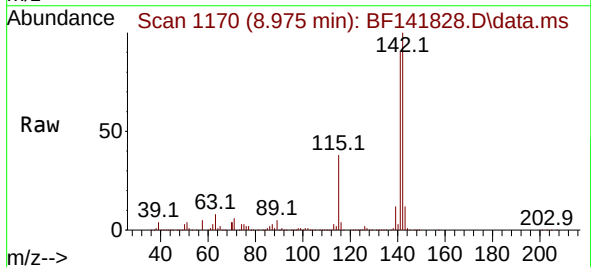
03/05/2025  
Supervised By :Jagrut  
Upadhyay

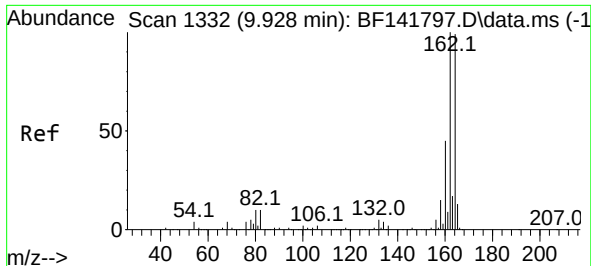
03/05/2025



#38  
1-Methylnaphthalene  
Concen: 40.281 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

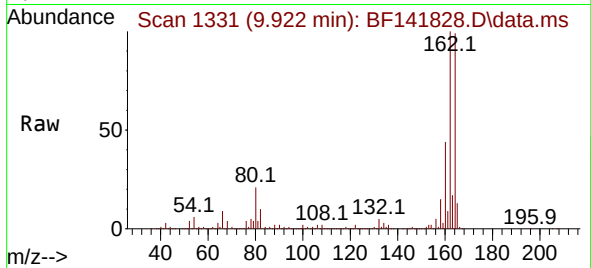
Tgt Ion:142 Resp: 1425991  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.1 109.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



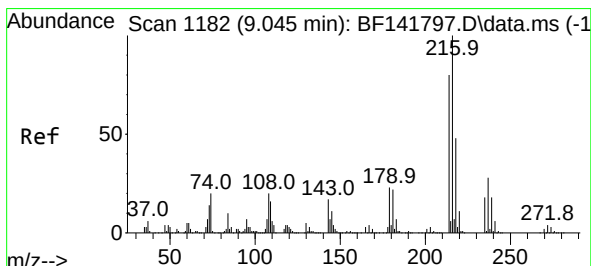
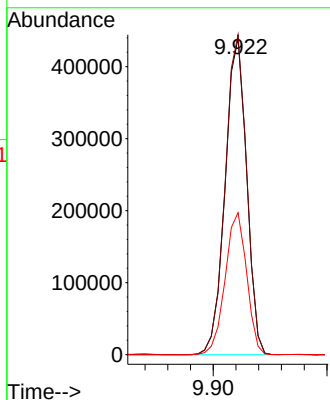
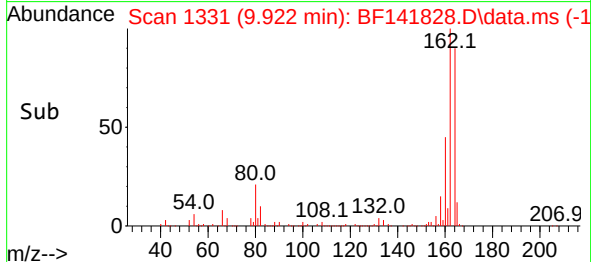
Tgt Ion:164 Resp: 57696  
Ion Ratio Lower Upper  
164 100  
162 101.2 80.6 120.8  
160 44.9 36.3 54.5

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

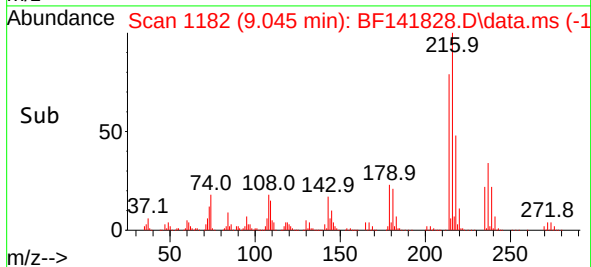
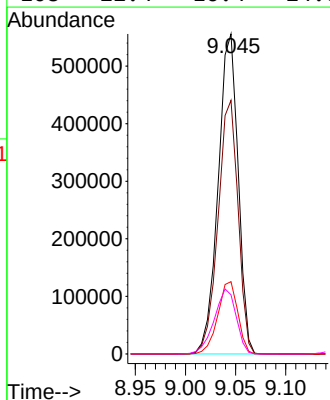
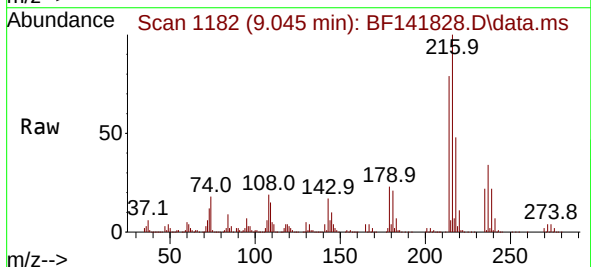
03/05/2025  
Supervised By :Jagrut  
Upadhyay

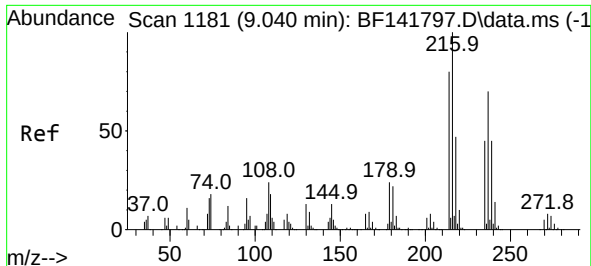
03/05/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.049 ng  
RT: 9.045 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

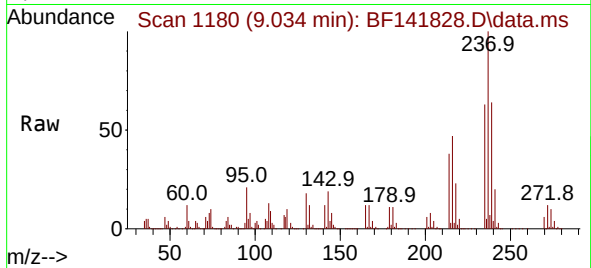
Tgt Ion:216 Resp: 767326  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.5 95.3  
179 22.7 18.1 27.1  
108 22.4 16.4 24.6





#41  
Hexachlorocyclopentadiene  
Concen: 140.947 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



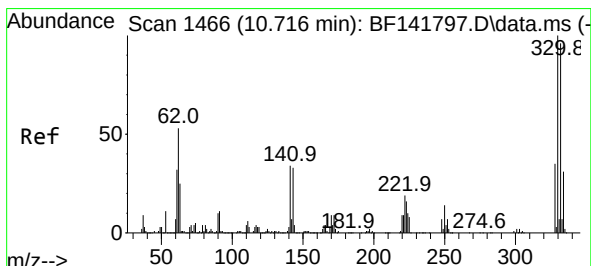
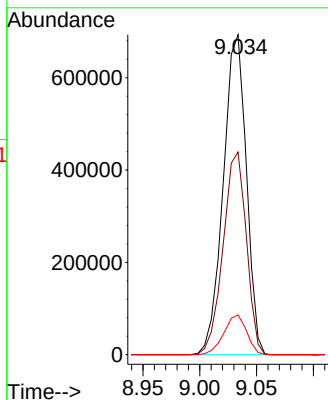
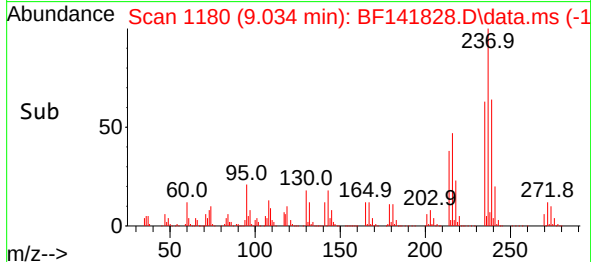
Tgt Ion:237 Resp: 980152  
Ion Ratio Lower Upper  
237 100  
235 63.3 43.3 83.3  
272 12.4 0.0 31.9

Manual Integrations  
APPROVED

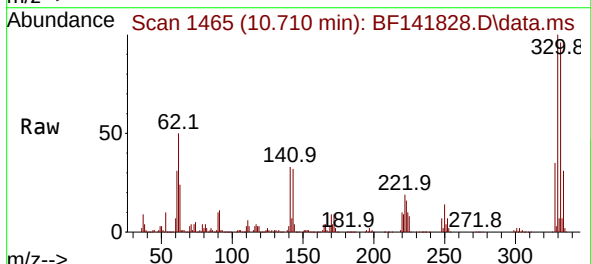
Reviewed By :Anahy  
Claudio

03/05/2025  
Supervised By :Jagrut  
Upadhyay

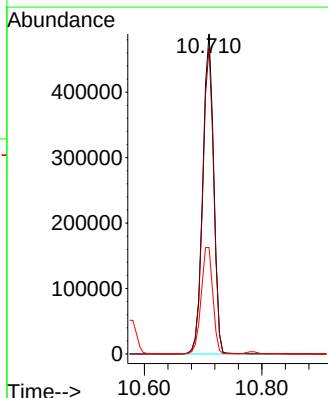
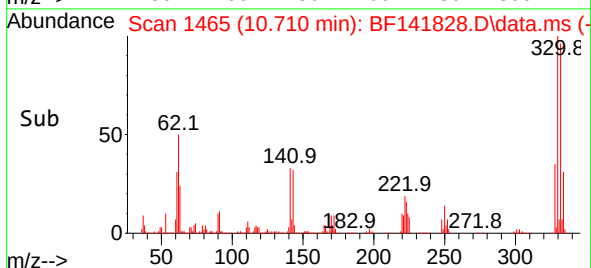
03/05/2025



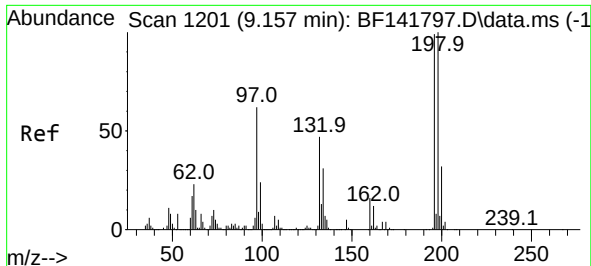
#42  
2,4,6-Tribromophenol  
Concen: 116.462 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48



Tgt Ion:330 Resp: 630832  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.6 115.0  
141 35.3 29.0 43.4







#43  
2,4,6-Trichlorophenol  
Concen: 44.722 ng  
RT: 9.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

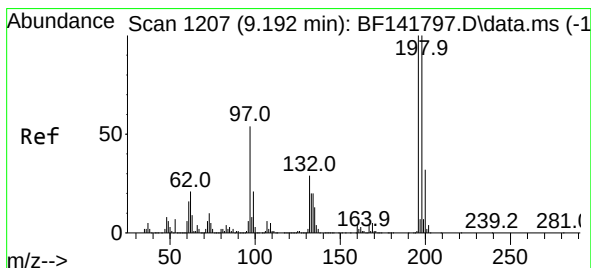
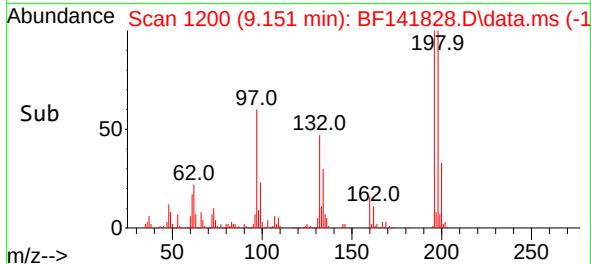
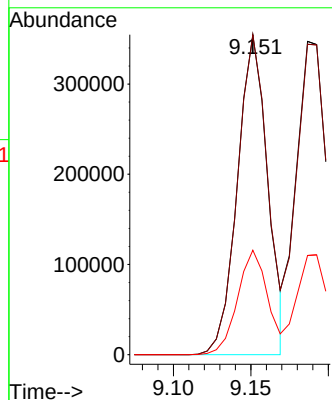
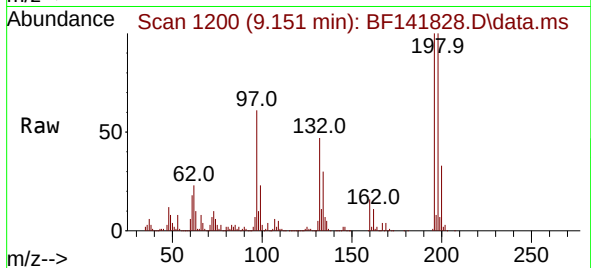
Tgt Ion:196 Resp: 48137  
Ion Ratio Lower Upper  
196 100  
198 100.0 80.4 120.6  
200 32.7 25.7 38.5

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

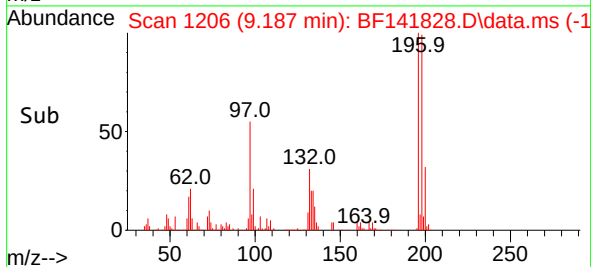
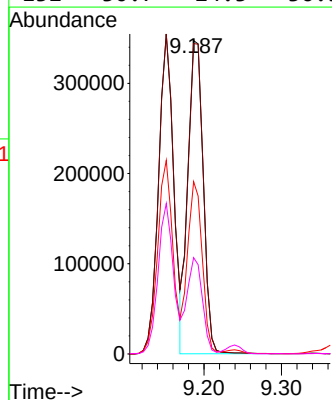
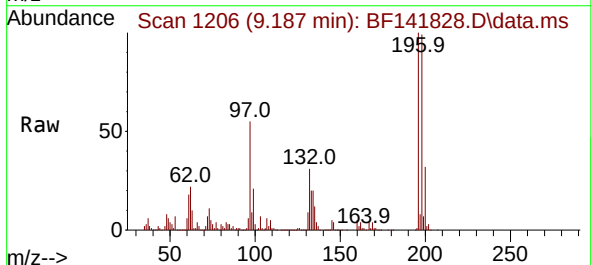
03/05/2025  
Supervised By :Jagrut  
Upadhyay

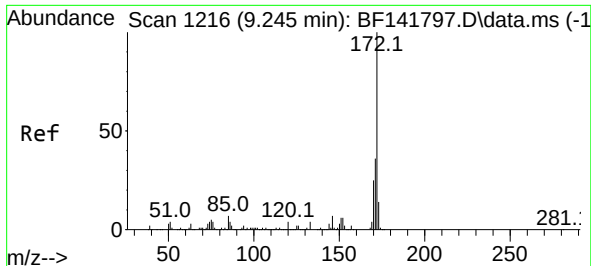
03/05/2025



#44  
2,4,5-Trichlorophenol  
Concen: 44.775 ng  
RT: 9.187 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

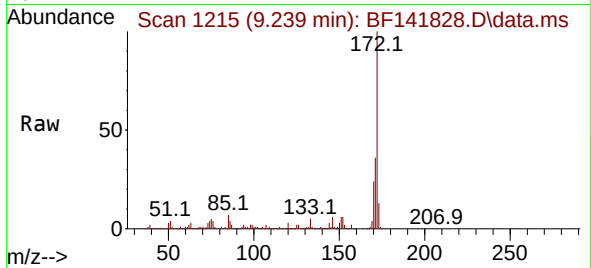
Tgt Ion:196 Resp: 477240  
Ion Ratio Lower Upper  
196 100  
198 99.1 79.7 119.5  
97 55.0 44.2 66.2  
132 30.7 24.3 36.5





#45  
2-Fluorobiphenyl  
Concen: 77.084 ng  
RT: 9.239 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



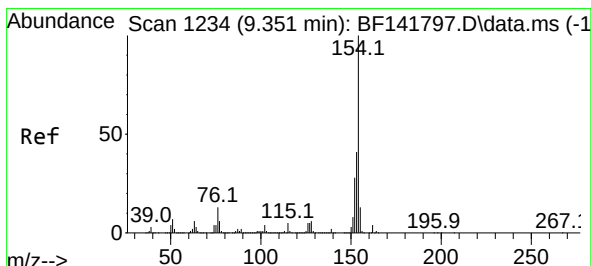
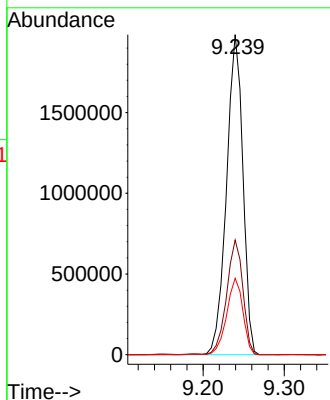
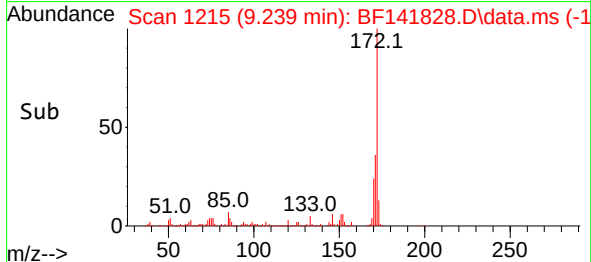
Tgt Ion:172 Resp: 2773689  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.2 43.8  
170 23.8 19.7 29.5

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

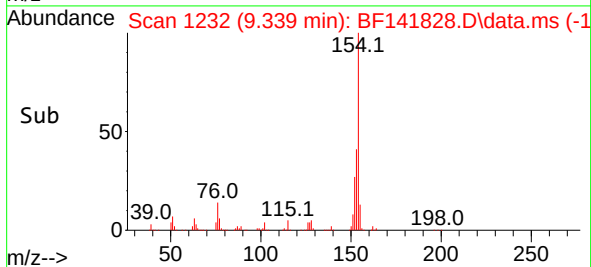
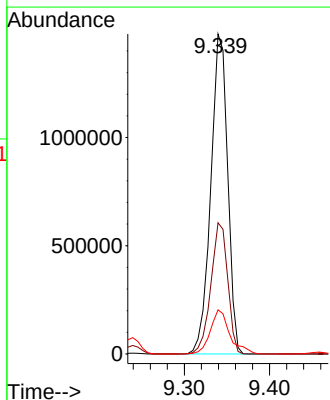
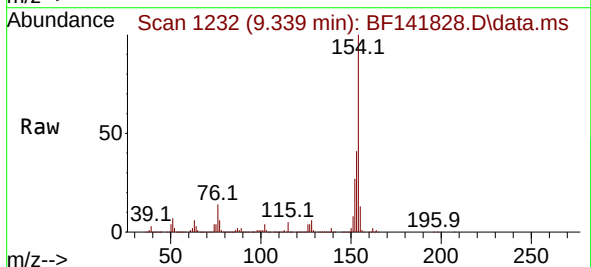
03/05/2025  
Supervised By :Jagrut  
Upadhyay

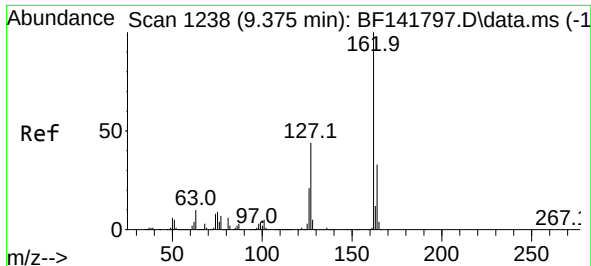
03/05/2025



#46  
1,1'-Biphenyl  
Concen: 46.269 ng  
RT: 9.339 min Scan# 1232  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:154 Resp: 2031934  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.4 61.4  
76 13.8 0.0 33.4





#47

2-Chloronaphthalene

Concen: 43.313 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

Tgt Ion:162 Resp: 1403924

Ion Ratio Lower Upper

162 100

127 42.4 35.0 52.6

164 33.0 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Anahy

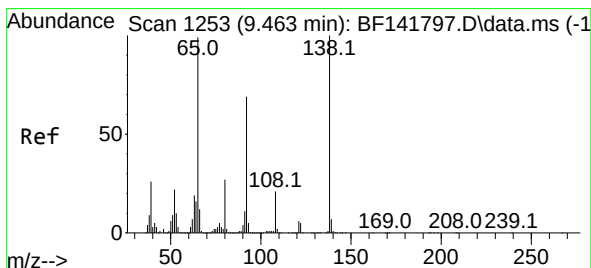
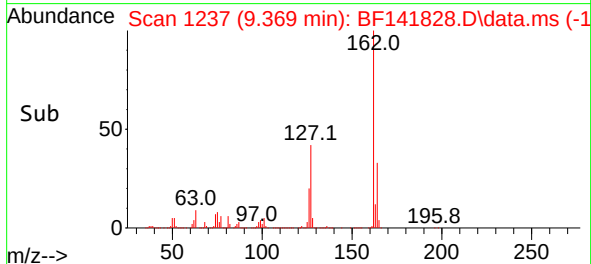
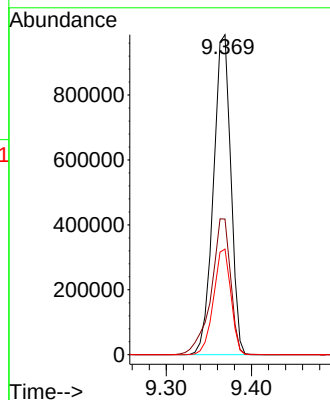
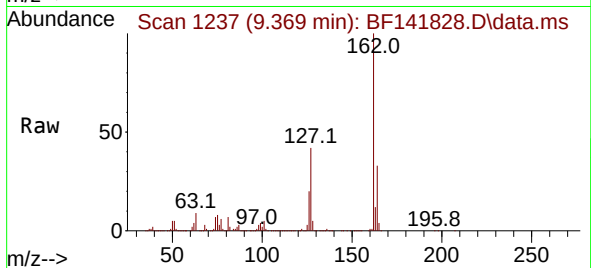
Claudio

03/05/2025

Supervised By :Jagrut

Upadhyay

03/05/2025



#48

2-Nitroaniline

Concen: 47.914 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

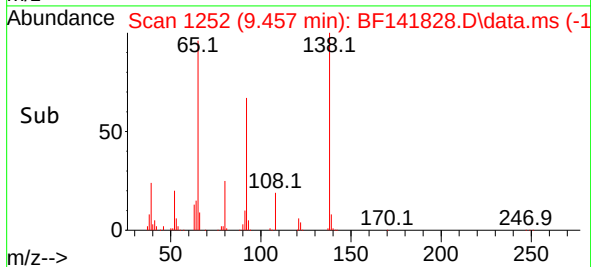
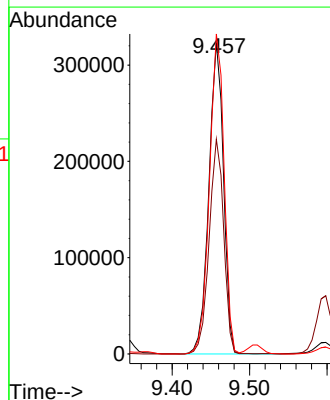
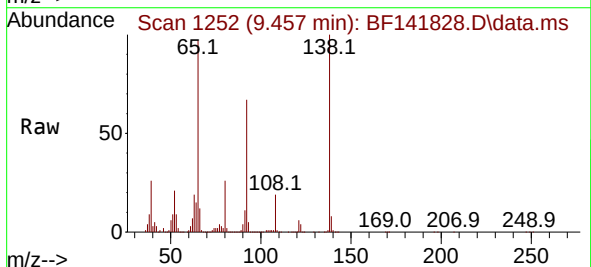
Tgt Ion: 65 Resp: 425033

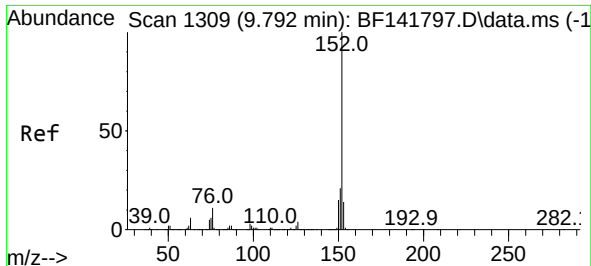
Ion Ratio Lower Upper

65 100

92 69.0 55.7 83.5

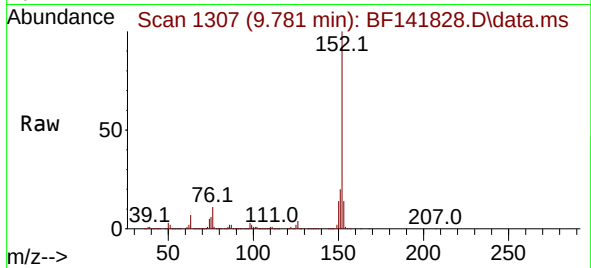
138 102.8 80.6 121.0





#49  
Acenaphthylene  
Concen: 44.148 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



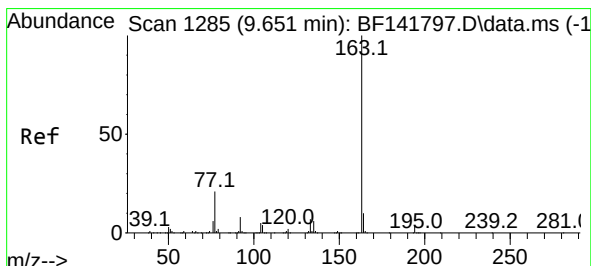
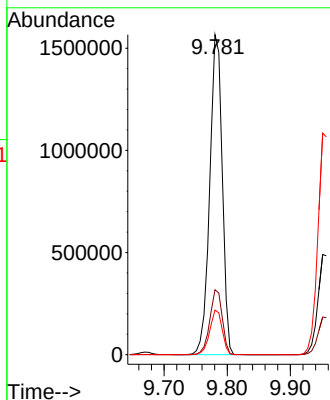
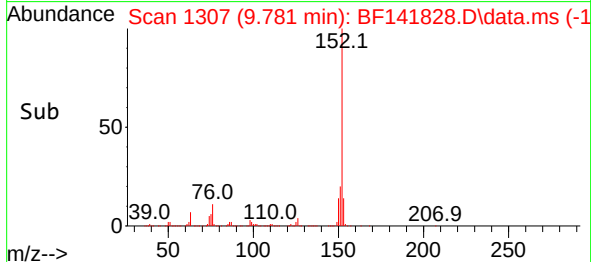
Tgt Ion:152 Resp: 2145470  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.6 24.8  
153 13.9 11.2 16.8

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

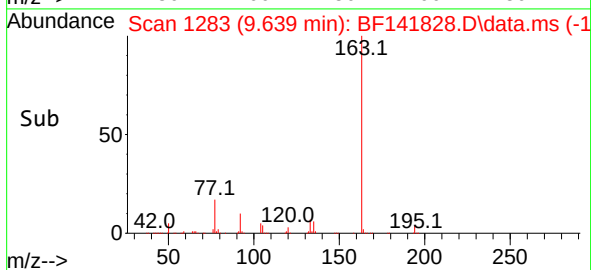
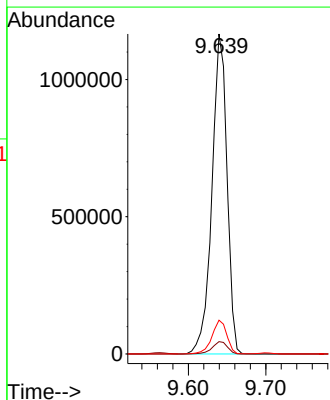
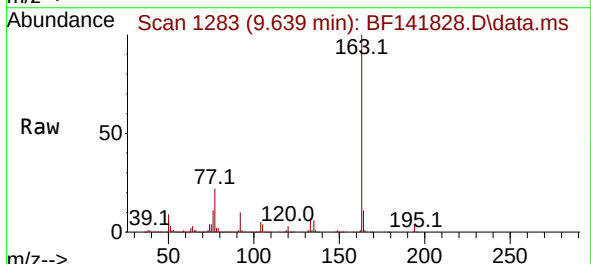
03/05/2025  
Supervised By :Jagrut  
Upadhyay

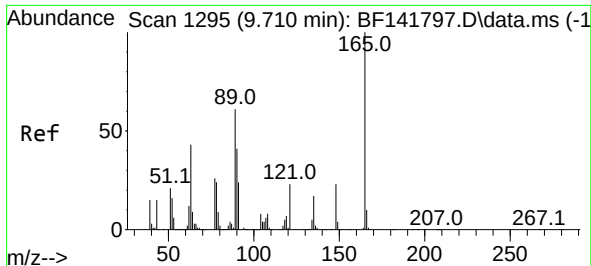
03/05/2025



#50  
Dimethylphthalate  
Concen: 40.923 ng  
RT: 9.639 min Scan# 1283  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:163 Resp: 1581162  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.5 8.4 12.6





#51  
2,6-Dinitrotoluene  
Concen: 46.467 ng  
RT: 9.698 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

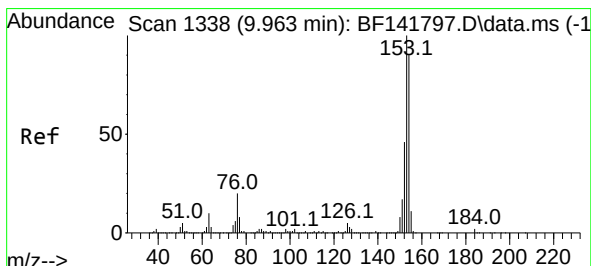
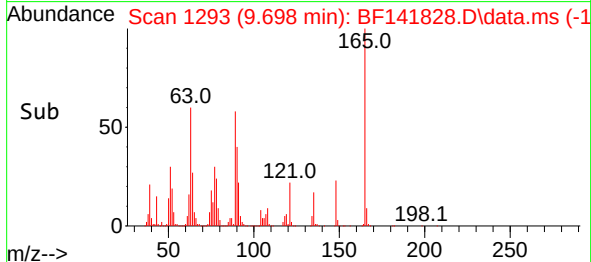
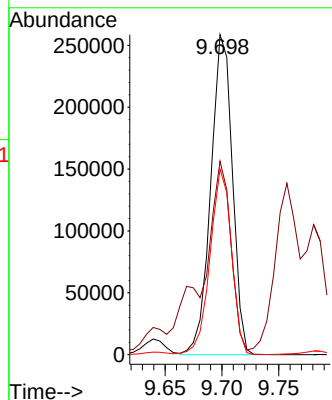
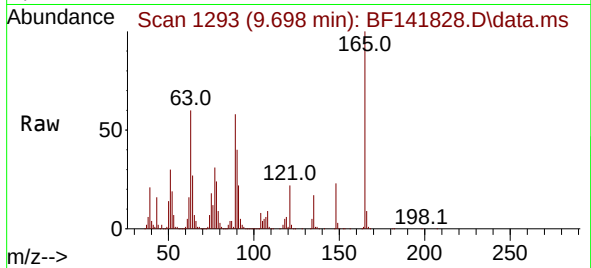
Tgt Ion:165 Resp: 342750  
Ion Ratio Lower Upper  
165 100  
63 60.5 49.5 74.3  
89 58.0 49.0 73.4

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

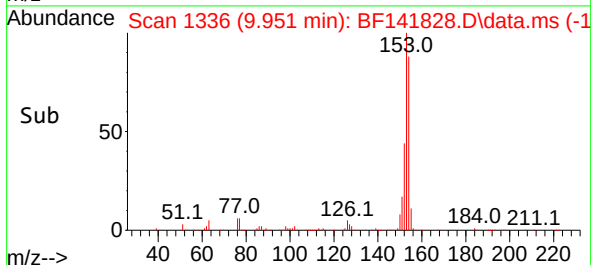
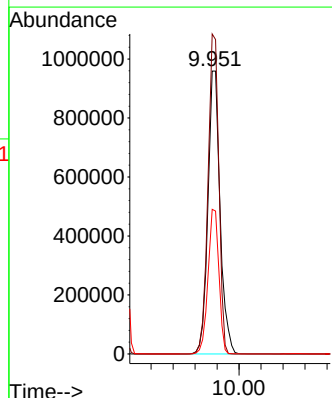
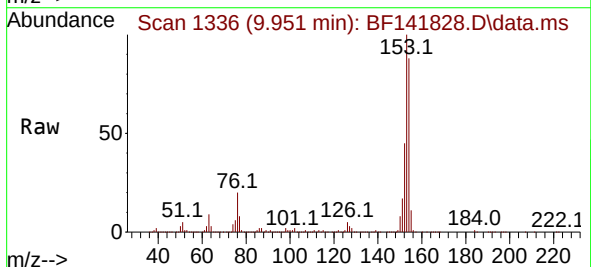
03/05/2025  
Supervised By :Jagrut  
Upadhyay

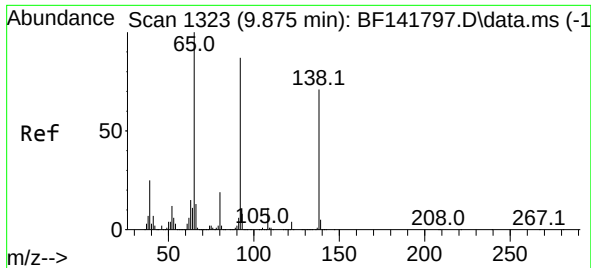
03/05/2025



#52  
Acenaphthene  
Concen: 44.834 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

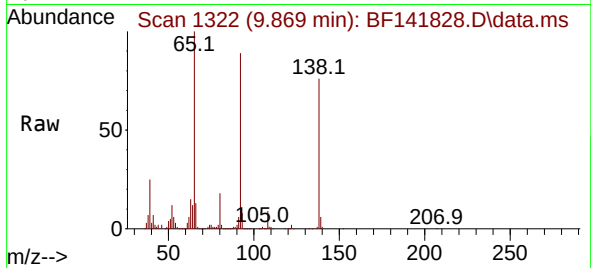
Tgt Ion:154 Resp: 1470170  
Ion Ratio Lower Upper  
154 100  
153 113.1 88.7 133.1  
152 51.1 40.9 61.3





#53  
3-Nitroaniline  
Concen: 29.358 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



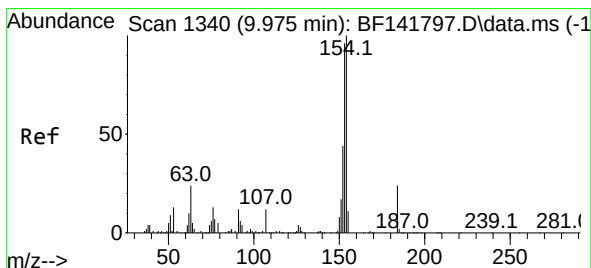
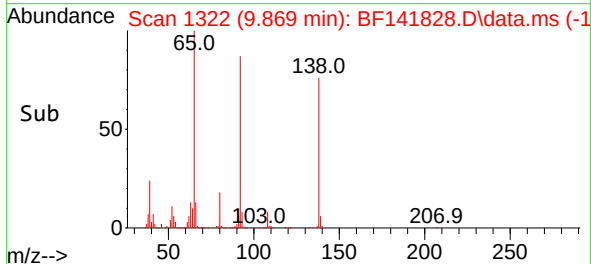
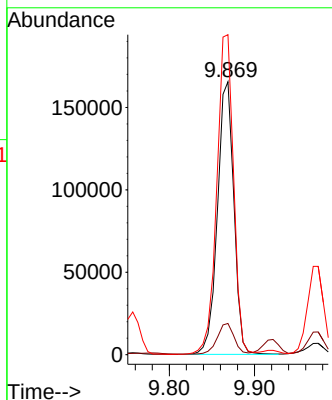
Tgt Ion:138 Resp: 221470  
Ion Ratio Lower Upper  
138 100  
108 11.4 12.7 19.1  
92 117.2 97.9 146.9

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

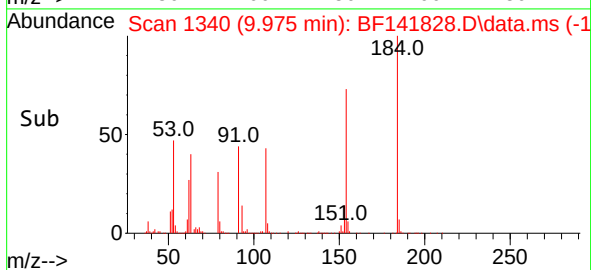
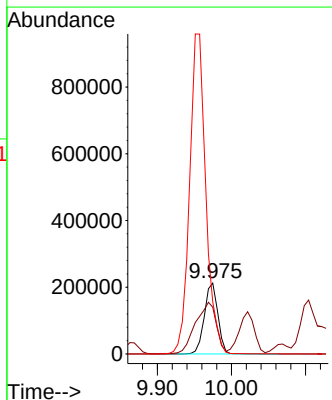
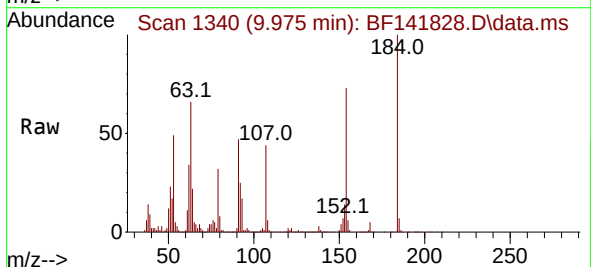
03/05/2025  
Supervised By :Jagrut  
Upadhyay

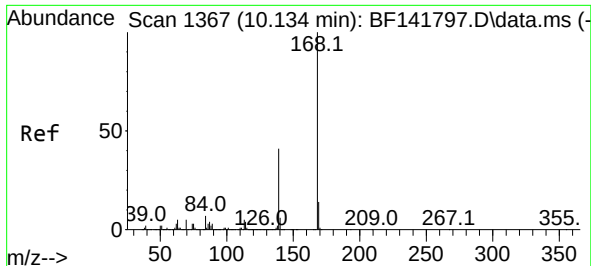
03/05/2025



#54  
2,4-Dinitrophenol  
Concen: 79.519 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

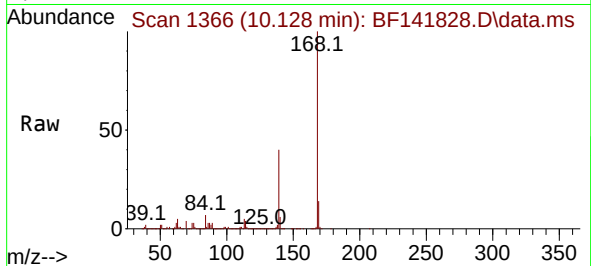
Tgt Ion:184 Resp: 269264  
Ion Ratio Lower Upper  
184 100  
63 65.9 79.0 118.6#  
154 73.1 335.8 503.8#





#55  
Dibenzenofuran  
Concen: 40.339 ng  
RT: 10.128 min Scan# 1366  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



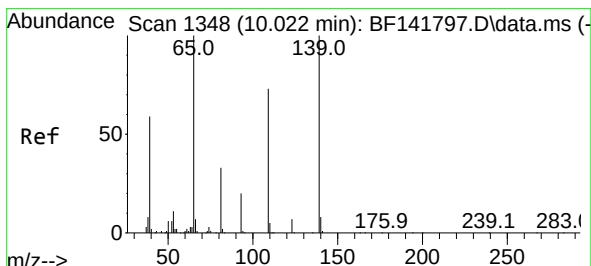
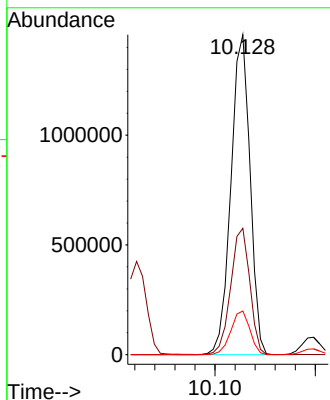
Tgt Ion:168 Resp: 192529  
Ion Ratio Lower Upper  
168 100  
139 39.5 32.9 49.3  
169 13.7 11.1 16.7

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

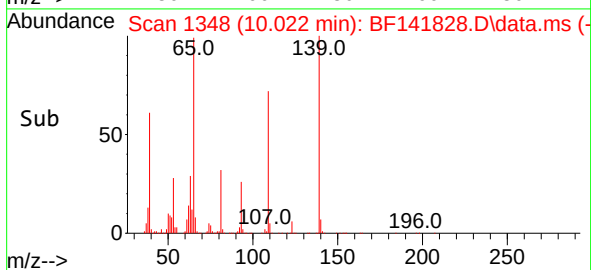
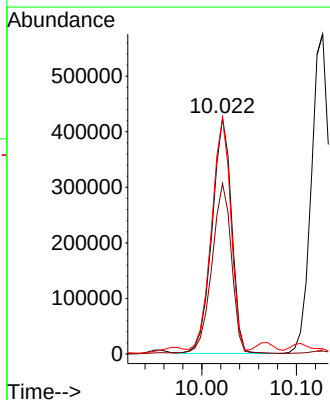
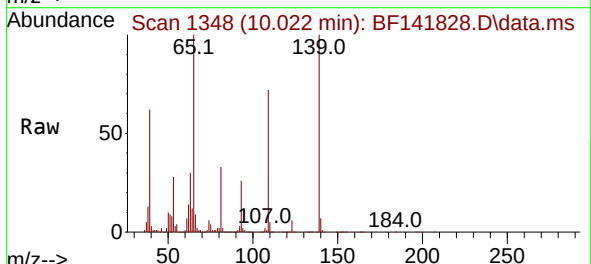
03/05/2025  
Supervised By :Jagrut  
Upadhyay

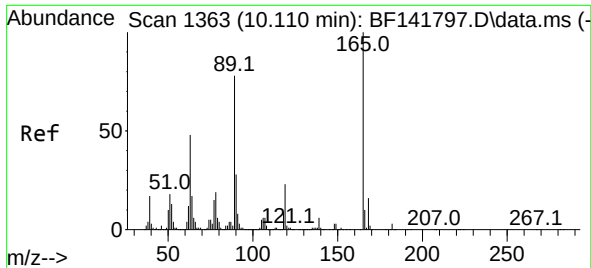
03/05/2025



#56  
4-Nitrophenol  
Concen: 106.742 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

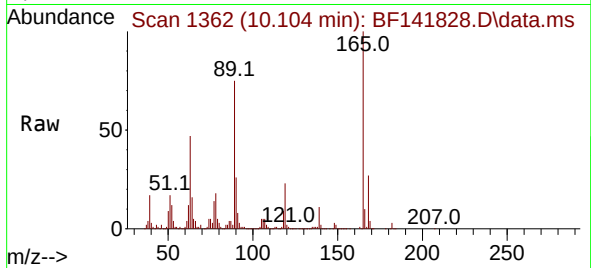
Tgt Ion:139 Resp: 609134  
Ion Ratio Lower Upper  
139 100  
109 72.2 53.4 93.4  
65 99.7 82.1 122.1





#57  
2,4-Dinitrotoluene  
Concen: 49.316 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



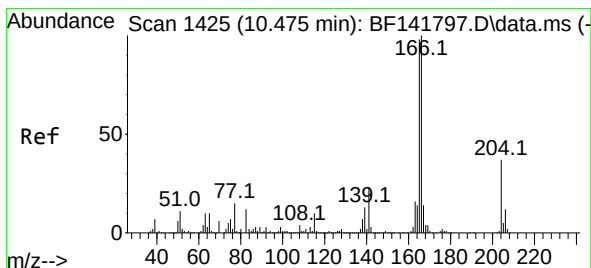
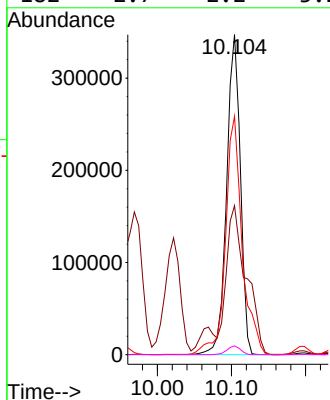
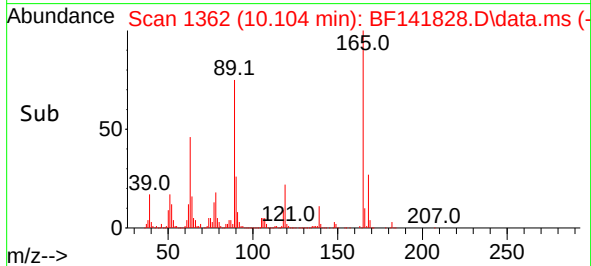
Tgt Ion:165 Resp: 446180  
Ion Ratio Lower Upper  
165 100  
63 46.6 38.8 58.2  
89 74.5 62.6 94.0  
182 2.7 2.2 3.2

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

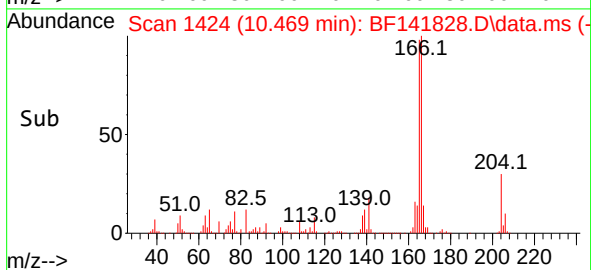
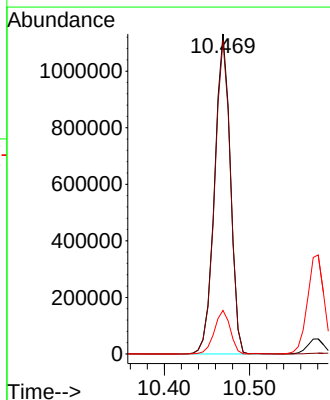
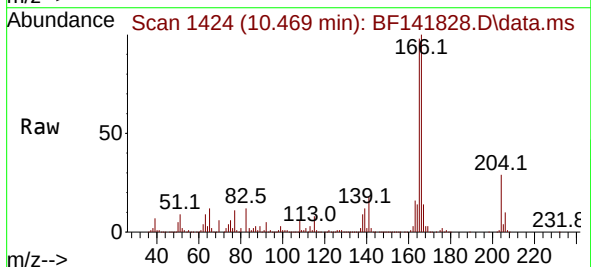
03/05/2025  
Supervised By :Jagrut  
Upadhyay

03/05/2025

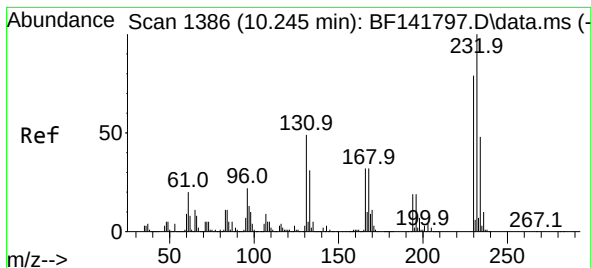


#58  
Fluorene  
Concen: 40.692 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:166 Resp: 1454753  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.6 117.8  
167 13.6 11.0 16.4

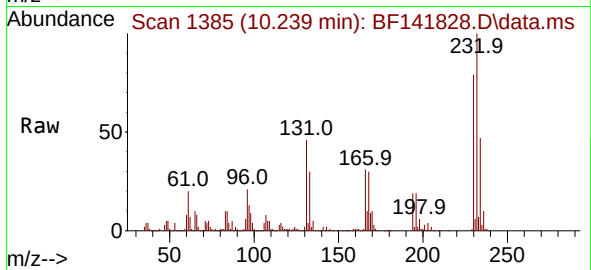






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.867 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



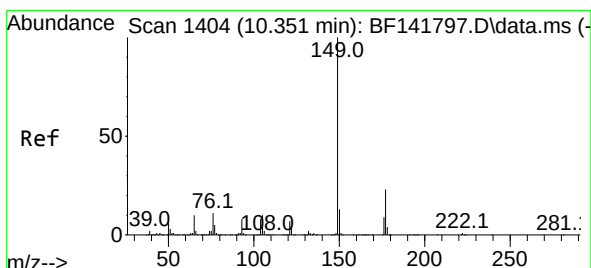
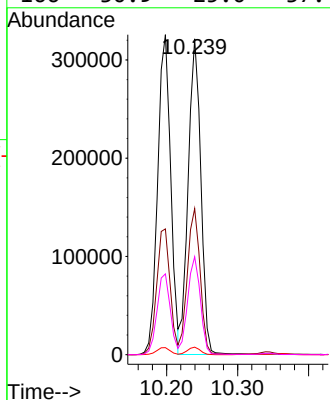
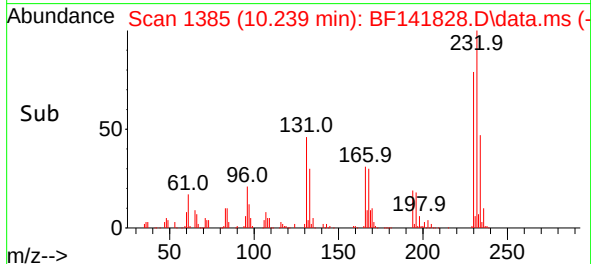
Tgt Ion:232 Resp: 397379  
Ion Ratio Lower Upper  
232 100  
131 46.7 37.8 56.8  
130 2.4 2.0 3.0  
166 30.9 25.0 37.4

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

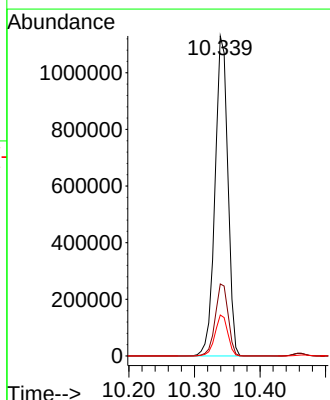
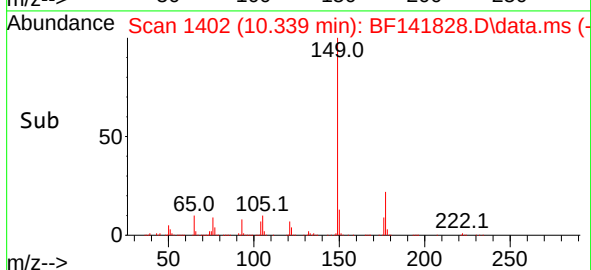
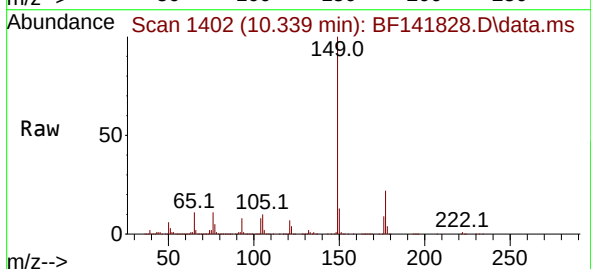
03/05/2025  
Supervised By :Jagrut  
Upadhyay

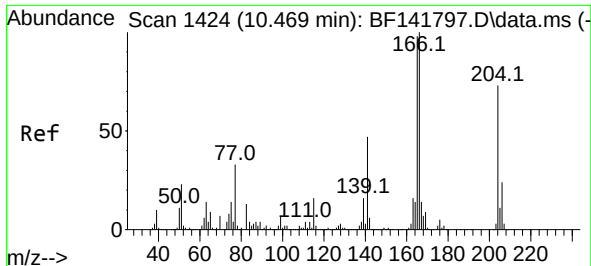
03/05/2025



#60  
Diethylphthalate  
Concen: 39.489 ng  
RT: 10.339 min Scan# 1402  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

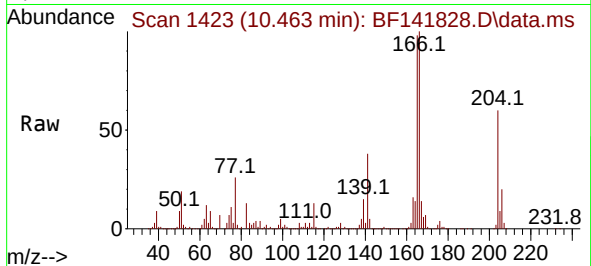
Tgt Ion:149 Resp: 1529579  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.3 27.5  
150 12.8 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 40.040 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



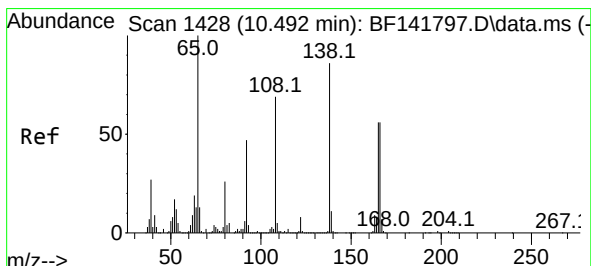
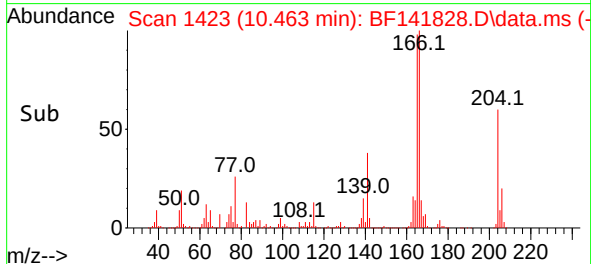
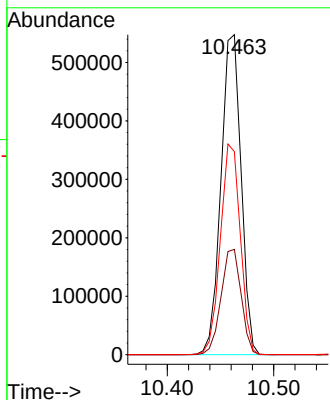
Tgt Ion:204 Resp: 717210  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.2 39.4  
141 63.5 51.7 77.5

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

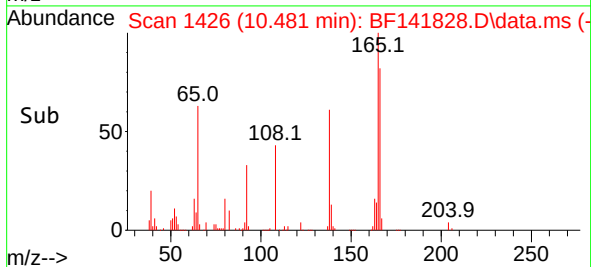
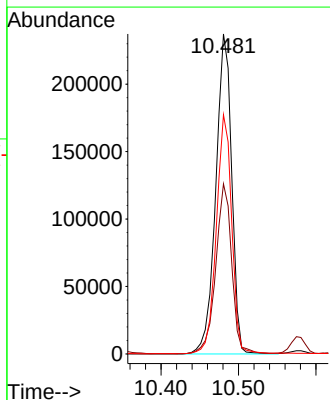
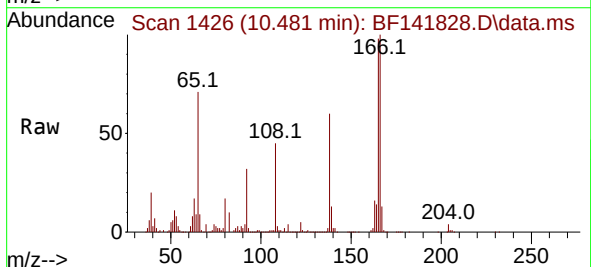
03/05/2025  
Supervised By :Jagrut  
Upadhyay

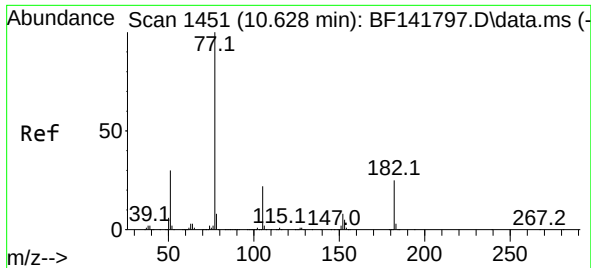
03/05/2025



#62  
4-Nitroaniline  
Concen: 51.262 ng  
RT: 10.481 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

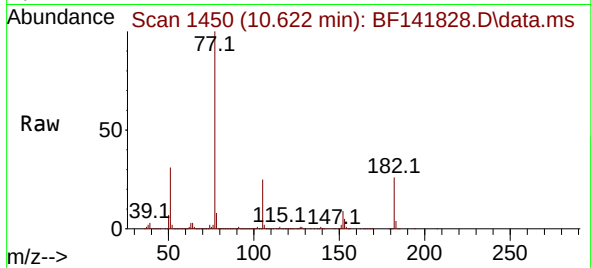
Tgt Ion:138 Resp: 338247  
Ion Ratio Lower Upper  
138 100  
92 53.2 34.9 74.9  
108 74.8 59.6 99.6





#63  
Azobenzene  
Concen: 42.048 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



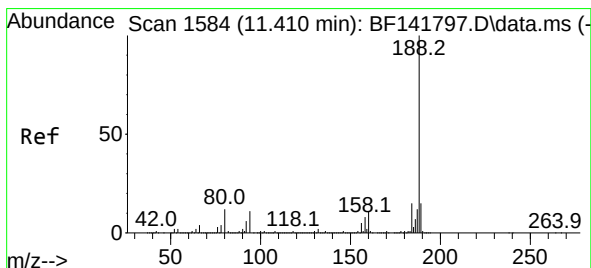
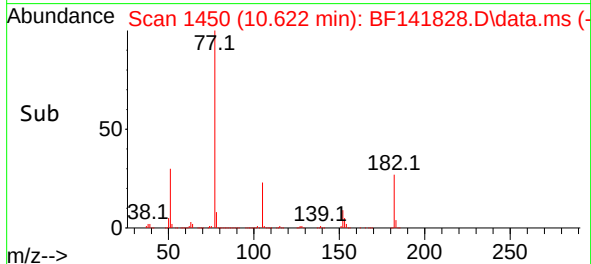
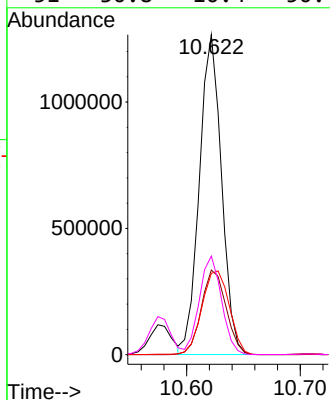
Tgt Ion: 77 Resp: 1714859  
Ion Ratio Lower Upper  
77 100  
182 26.4 4.2 44.2  
105 25.4 1.5 41.5  
51 30.8 10.4 50.4

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

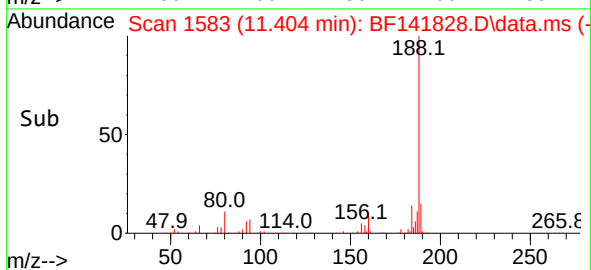
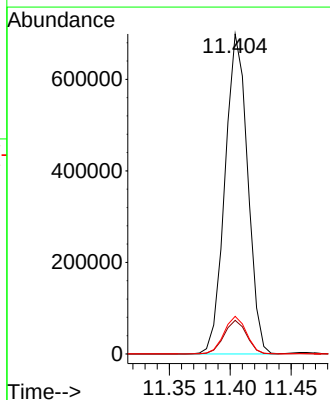
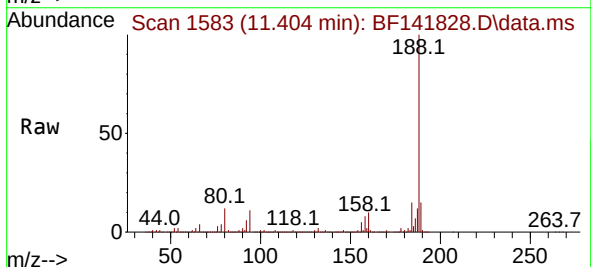
03/05/2025  
Supervised By :Jagrut  
Upadhyay

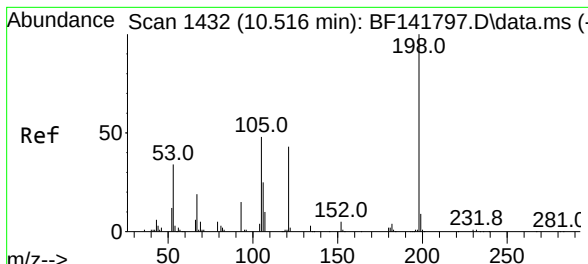
03/05/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

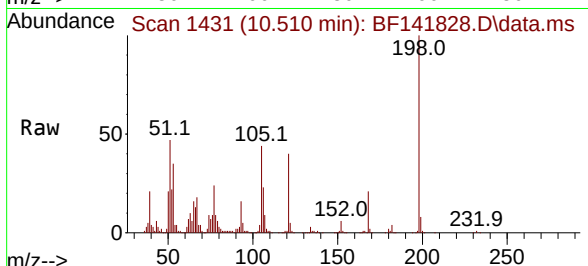
Tgt Ion:188 Resp: 904924  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.9 13.3  
80 11.8 9.7 14.5





#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.355 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



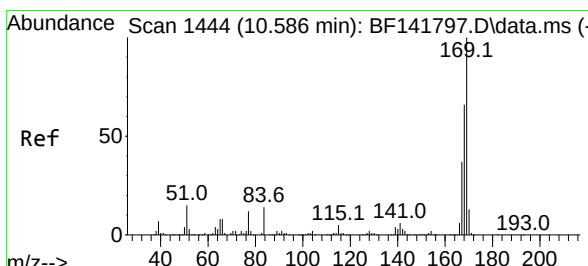
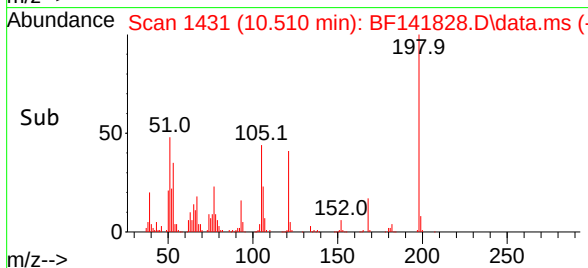
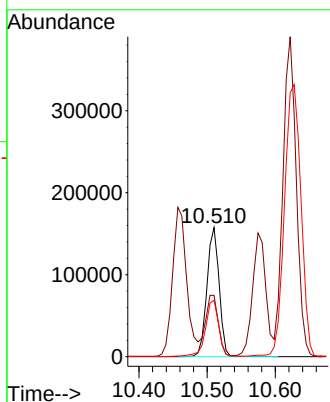
Tgt Ion:198 Resp: 19610  
Ion Ratio Lower Upper  
198 100  
51 47.5 32.1 72.1  
105 43.7 28.5 68.5

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

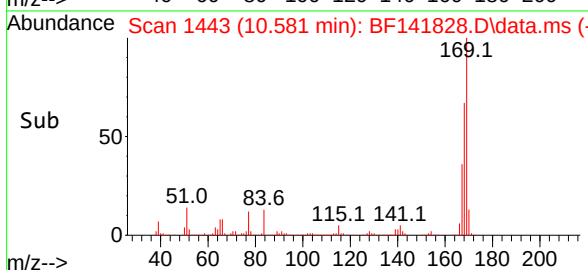
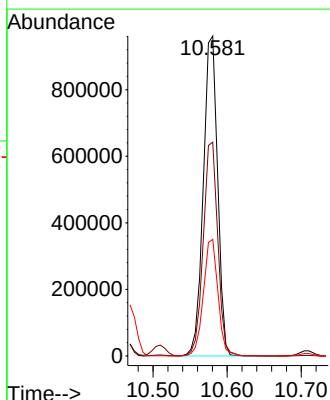
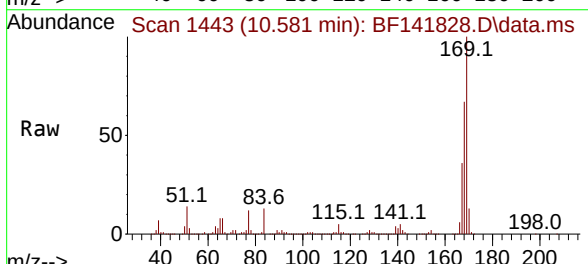
03/05/2025  
Supervised By :Jagrut  
Upadhyay

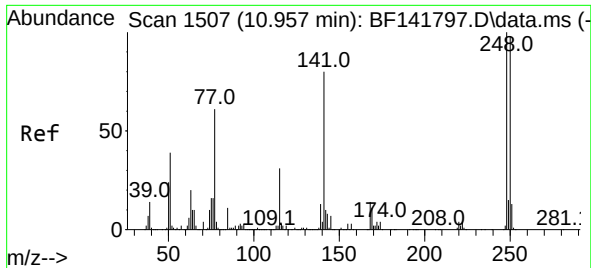
03/05/2025



#66  
n-Nitrosodiphenylamine  
Concen: 43.400 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

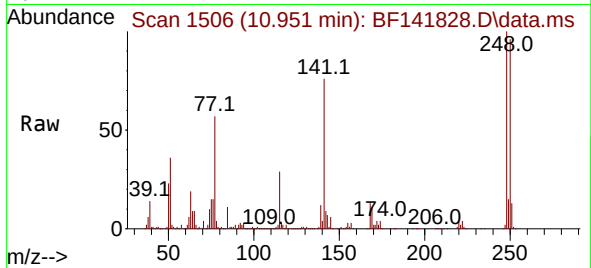
Tgt Ion:169 Resp: 1289618  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.0 79.6  
167 36.4 29.3 43.9





#67  
4-Bromophenyl-phenylether  
Concen: 42.508 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



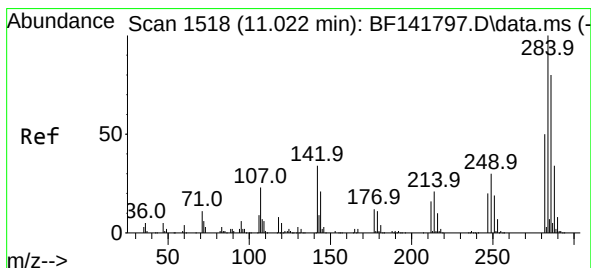
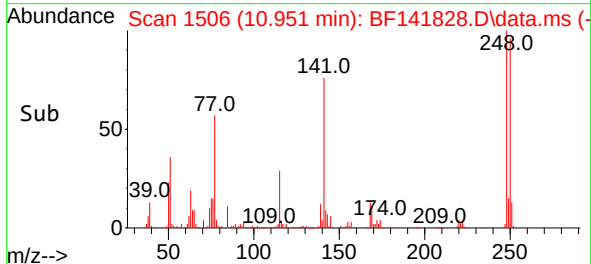
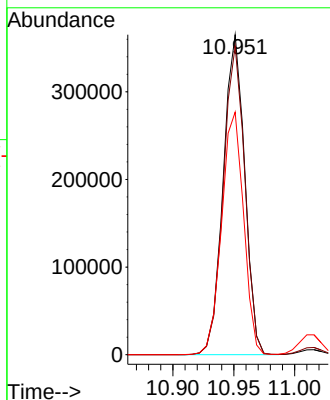
Tgt Ion:248 Resp: 449308  
Ion Ratio Lower Upper  
248 100  
250 96.4 78.1 117.1  
141 75.8 64.3 96.5

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

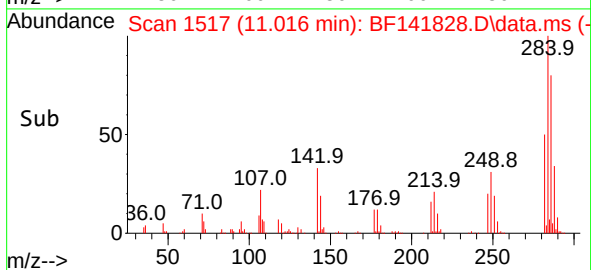
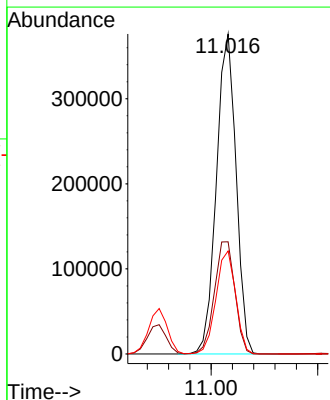
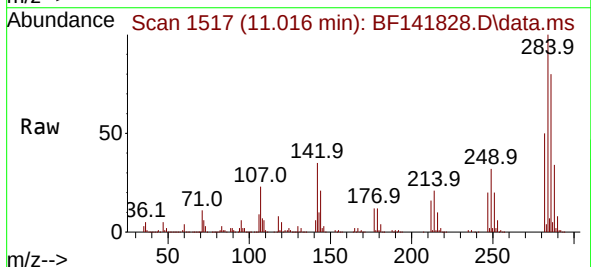
03/05/2025  
Supervised By :Jagrut  
Upadhyay

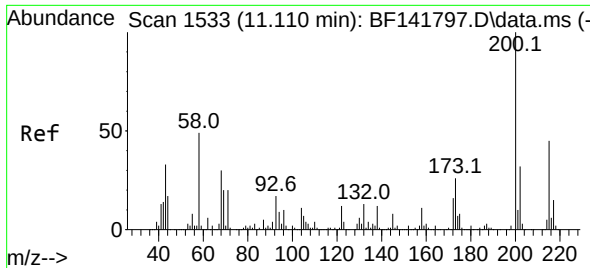
03/05/2025



#68  
Hexachlorobenzene  
Concen: 43.053 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

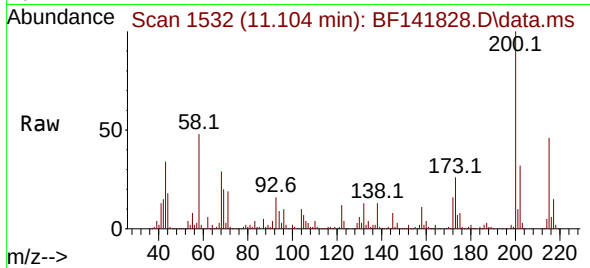
Tgt Ion:284 Resp: 480534  
Ion Ratio Lower Upper  
284 100  
142 35.0 28.2 42.2  
249 32.2 25.5 38.3





#69  
Atrazine  
Concen: 57.168 ng  
RT: 11.104 min Scan# 1533  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



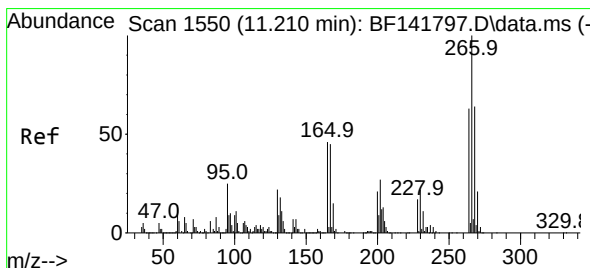
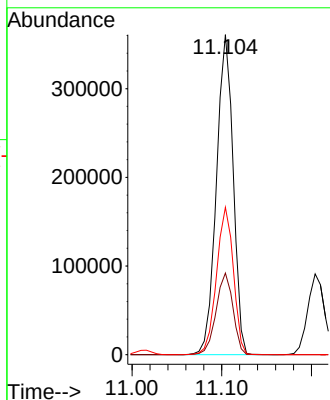
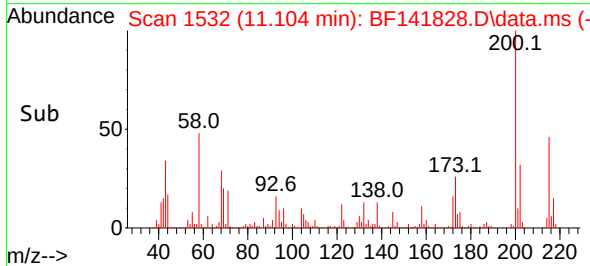
Tgt Ion:200 Resp: 467139  
Ion Ratio Lower Upper  
200 100  
173 25.5 5.6 45.6  
215 46.1 25.3 65.3

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

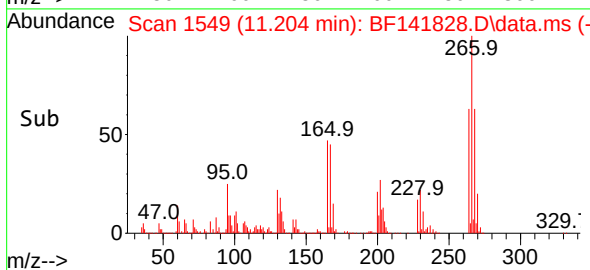
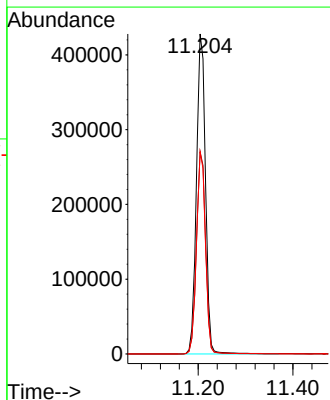
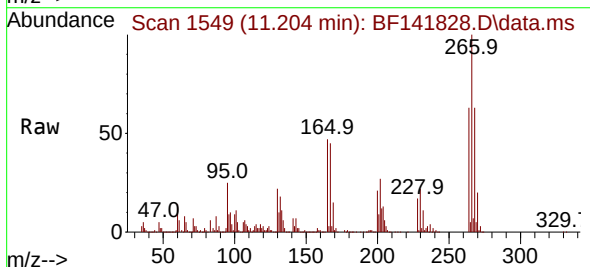
03/05/2025  
Supervised By :Jagrut  
Upadhyay

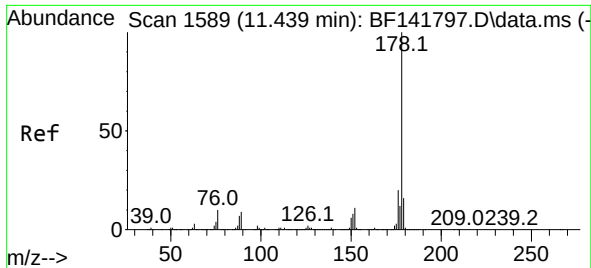
03/05/2025



#70  
Pentachlorophenol  
Concen: 80.110 ng  
RT: 11.204 min Scan# 1549  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:266 Resp: 567096  
Ion Ratio Lower Upper  
266 100  
268 63.2 50.9 76.3  
264 63.0 50.2 75.4





#71  
Phenanthrene  
Concen: 43.360 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS

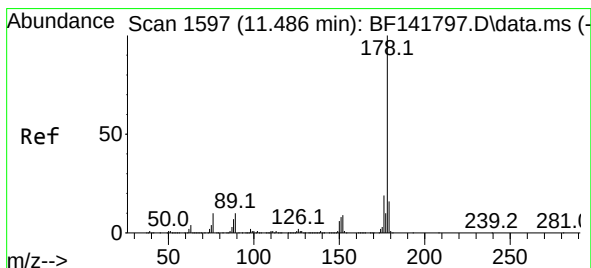
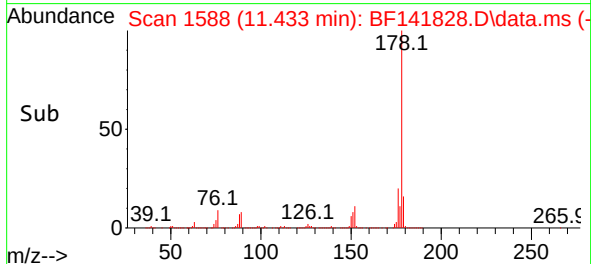
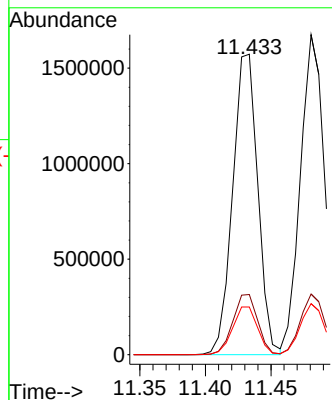
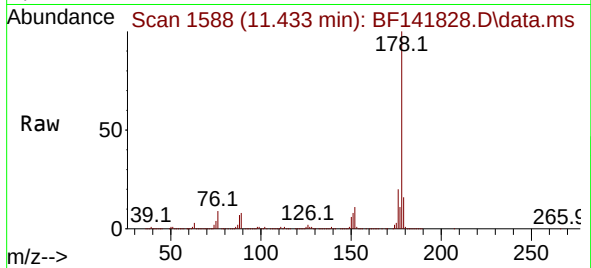
Tgt Ion:178 Resp: 2098818  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.0 24.0  
179 15.9 12.6 19.0

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

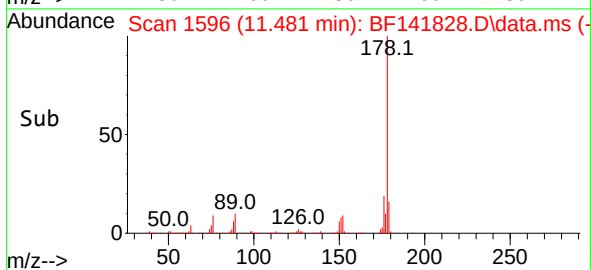
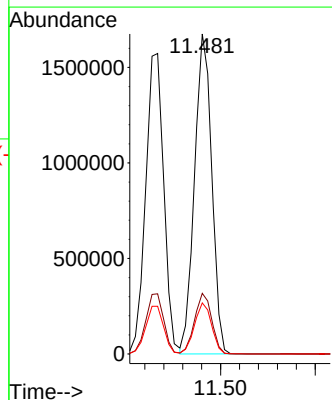
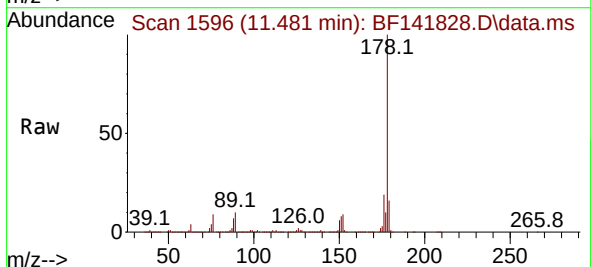
03/05/2025  
Supervised By :Jagrut  
Upadhyay

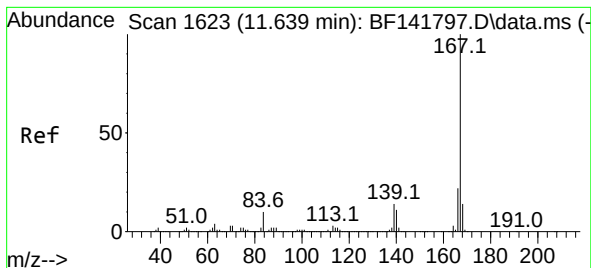
03/05/2025



#72  
Anthracene  
Concen: 43.712 ng  
RT: 11.481 min Scan# 1596  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:178 Resp: 2120557  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 16.0 12.8 19.2





#73

Carbazole

Concen: 41.654 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS

Tgt Ion:167 Resp: 1784440

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 13.6 11.3 16.9

Manual Integrations

APPROVED

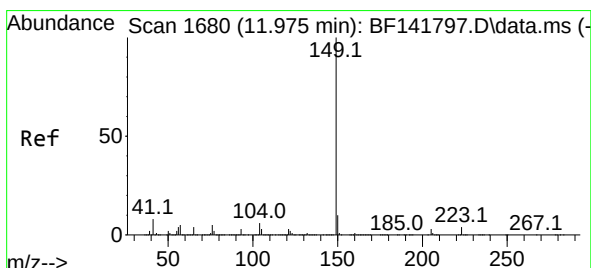
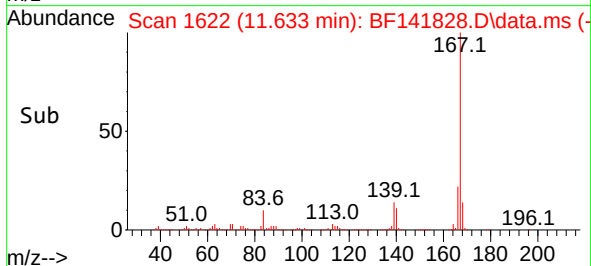
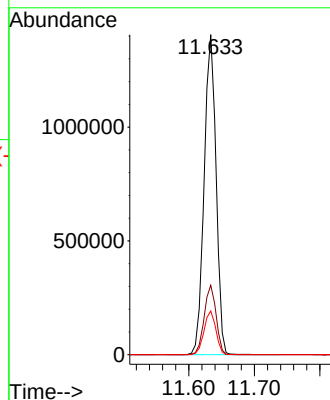
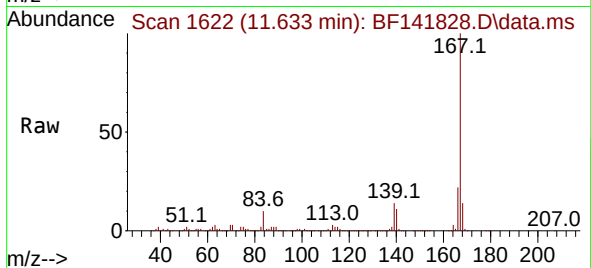
Reviewed By :Anahy

Claudio

03/05/2025

Supervised By :Jagrut  
Upadhyay

03/05/2025



#74

Di-n-butylphthalate

Concen: 40.536 ng

RT: 11.963 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

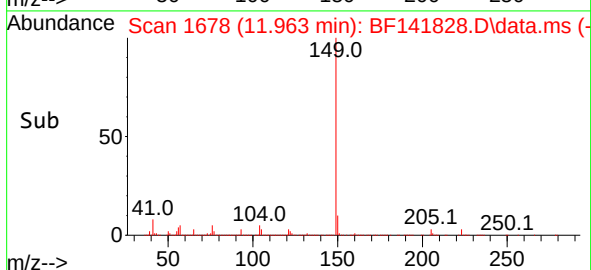
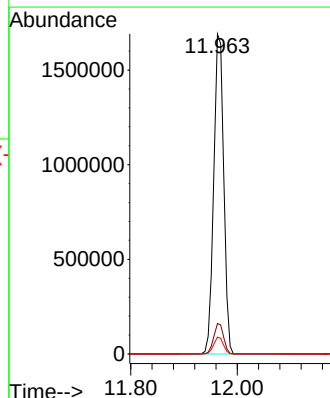
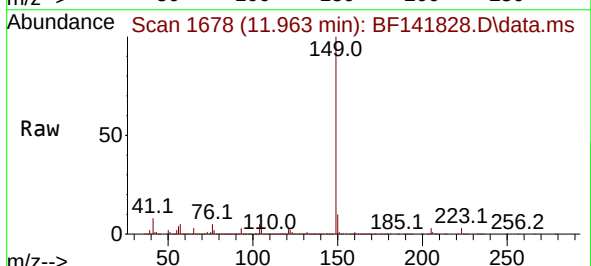
Tgt Ion:149 Resp: 2201206

Ion Ratio Lower Upper

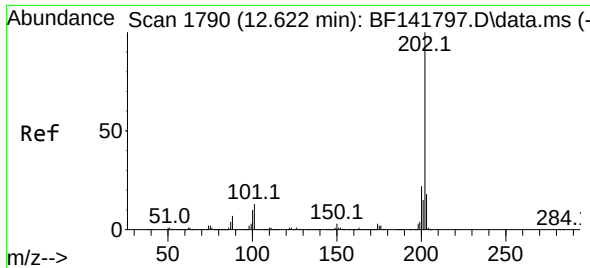
149 100

150 9.5 7.7 11.5

104 5.3 4.4 6.6

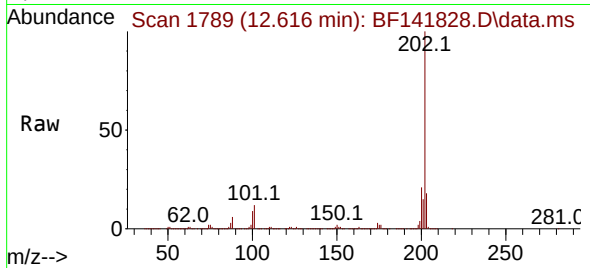






#75  
Fluoranthene  
Concen: 40.125 ng  
RT: 12.616 min Scan# 1789  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



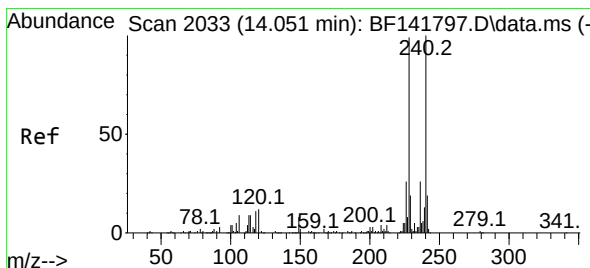
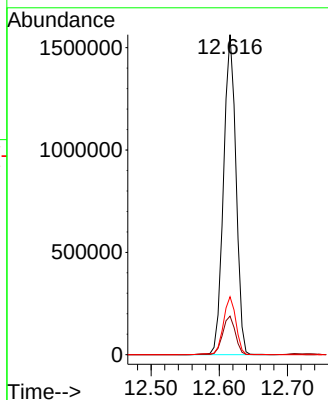
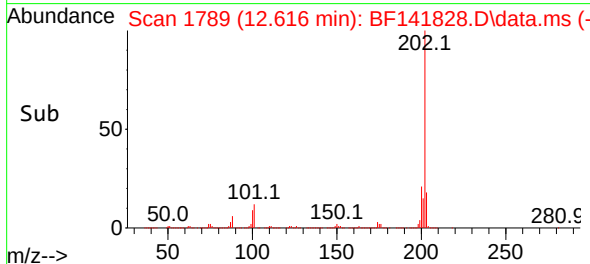
Tgt Ion:202 Resp: 199013  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 32.8  
203 18.1 0.0 38.0

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

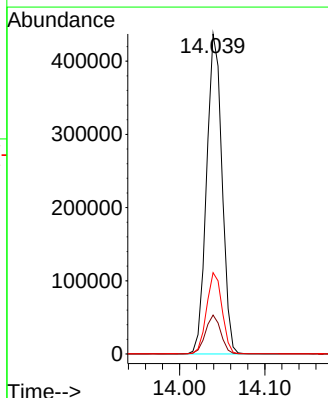
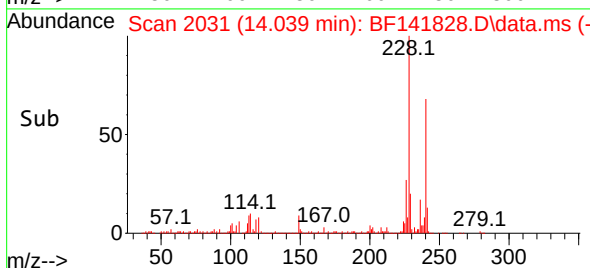
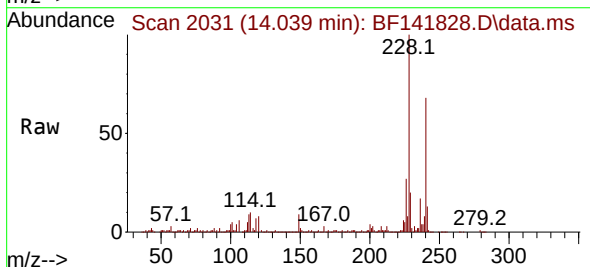
03/05/2025  
Supervised By :Jagrut  
Upadhyay

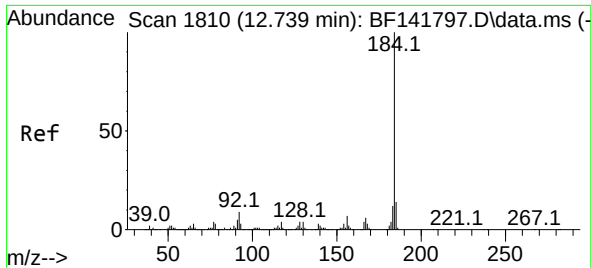
03/05/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

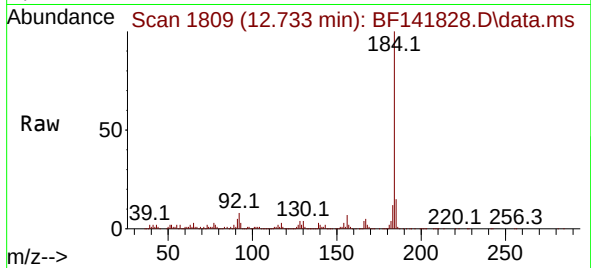
Tgt Ion:240 Resp: 549629  
Ion Ratio Lower Upper  
240 100  
120 12.2 9.7 14.5  
236 25.4 21.0 31.4





#77  
Benzidine  
Concen: 102.728 ng  
RT: 12.733 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



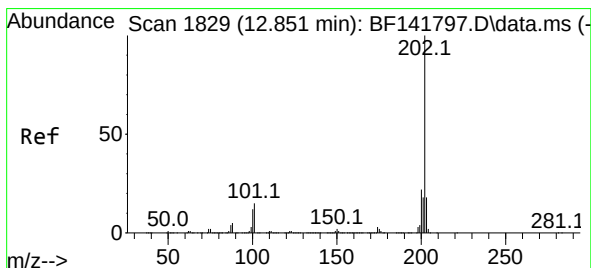
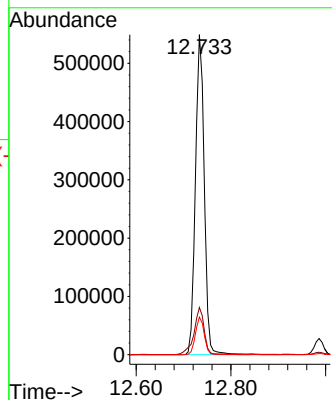
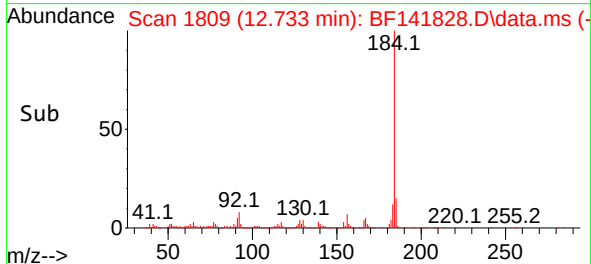
Tgt Ion:184 Resp: 710660  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.6 17.4  
183 11.8 9.4 14.0

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

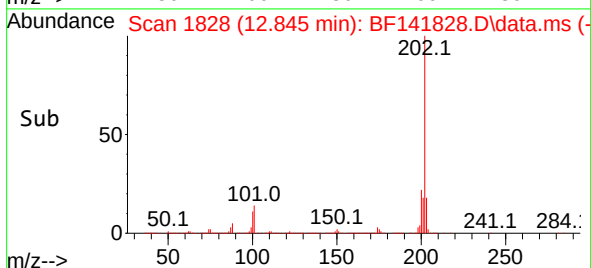
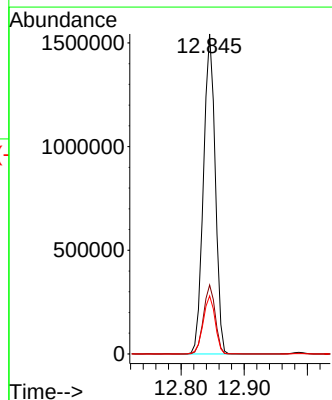
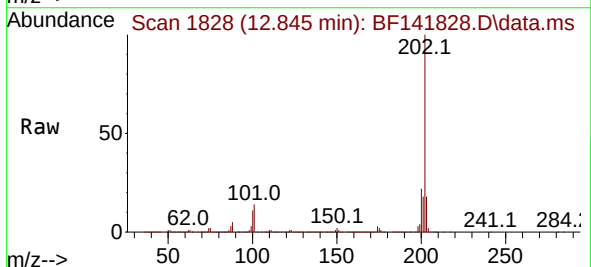
03/05/2025  
Supervised By :Jagrut  
Upadhyay

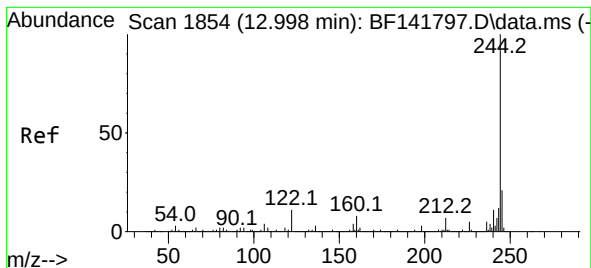
03/05/2025



#78  
Pyrene  
Concen: 41.930 ng  
RT: 12.845 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:202 Resp: 1995623  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.4 26.0  
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 71.140 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141828.D

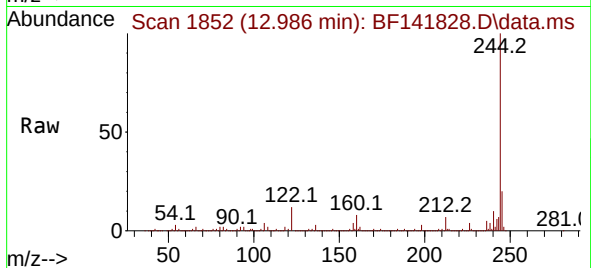
Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS



Tgt Ion:244 Resp: 241671

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Anahy

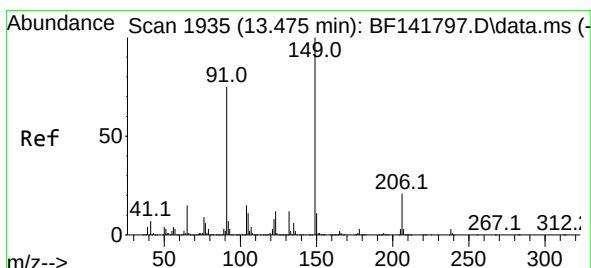
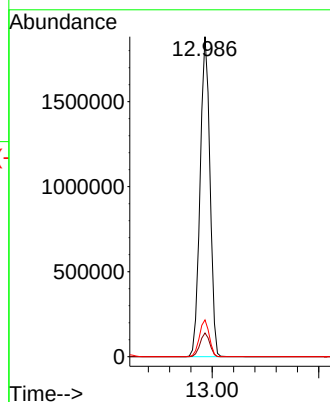
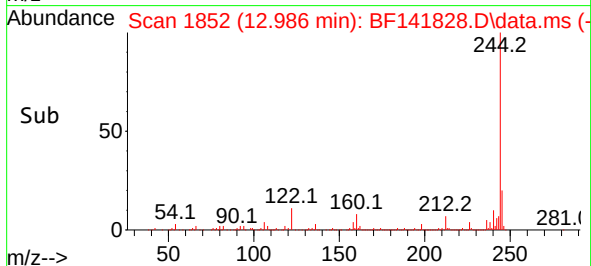
Claudio

03/05/2025

Supervised By :Jagrut

Upadhyay

03/05/2025



#80

Butylbenzylphthalate

Concen: 44.704 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141828.D

Acq: 04 Mar 2025 15:48

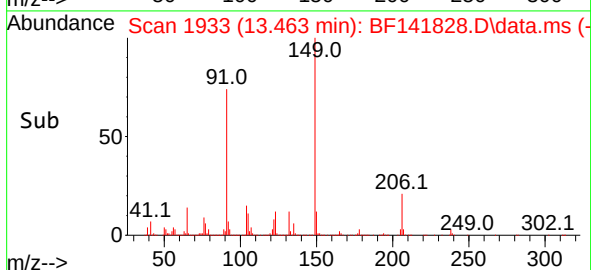
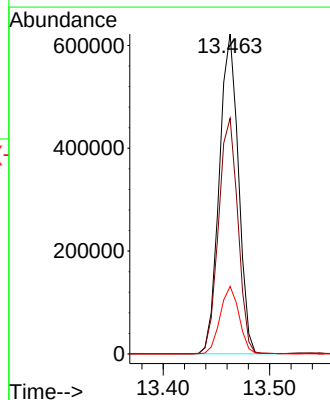
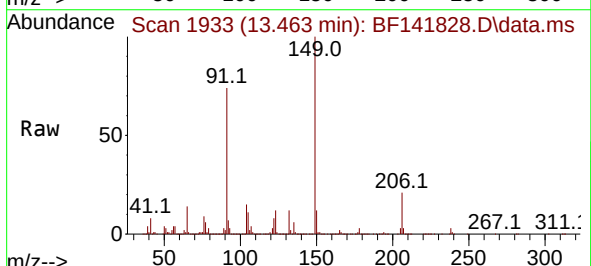
Tgt Ion:149 Resp: 773034

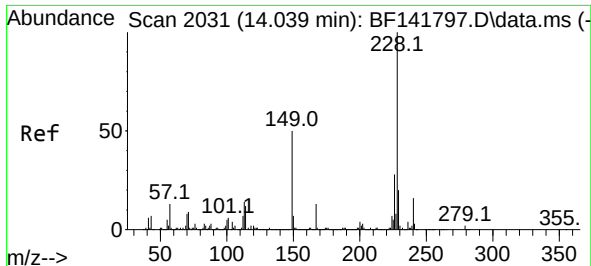
Ion Ratio Lower Upper

149 100

91 73.7 60.1 90.1

206 21.1 16.8 25.2





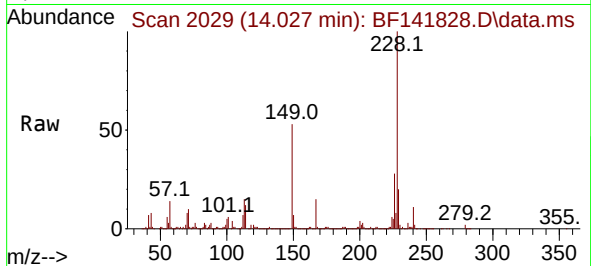
#81  
Benzo(a)anthracene  
Concen: 44.060 ng  
RT: 14.027 min Scan# 2031  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :

BNA\_F

ClientSampleId :

TP-4MS



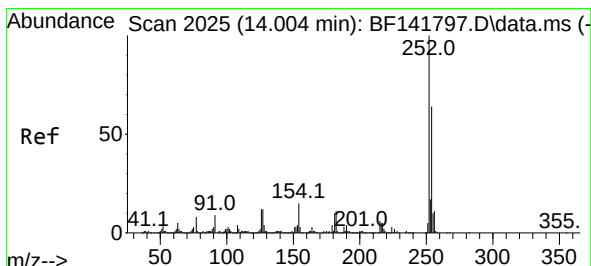
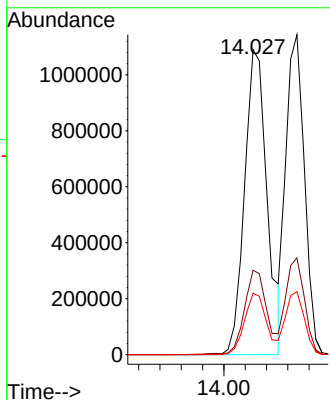
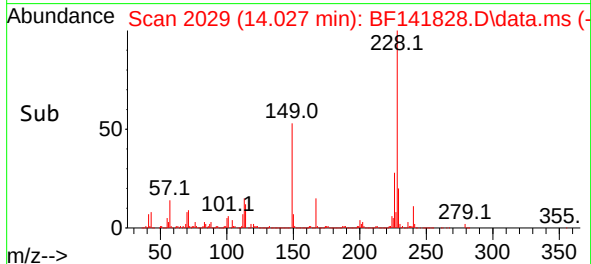
Tgt Ion:228 Resp: 159955  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.1 33.1  
229 20.1 16.1 24.1

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

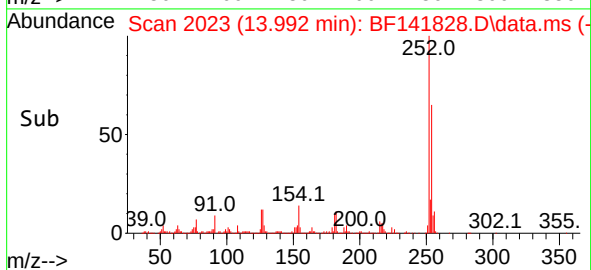
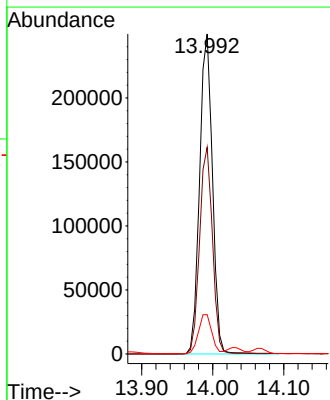
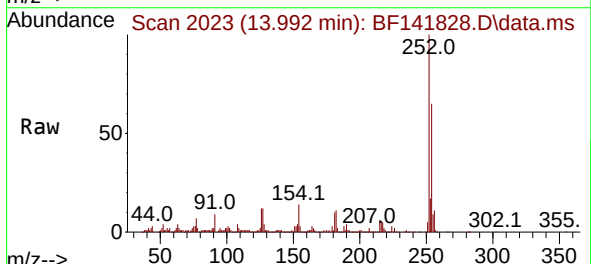
03/05/2025  
Supervised By :Jagrut  
Upadhyay

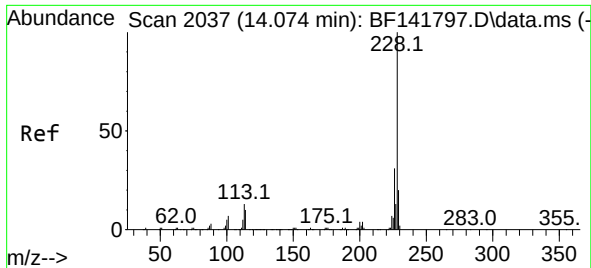
03/05/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 30.262 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

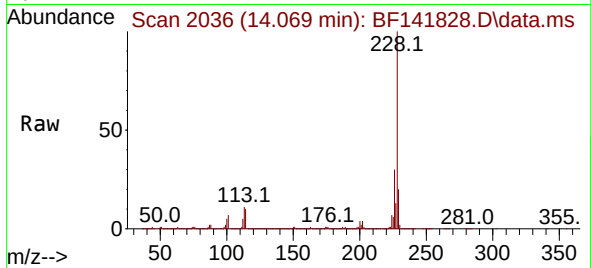
Tgt Ion:252 Resp: 315204  
Ion Ratio Lower Upper  
252 100  
254 64.6 51.4 77.0  
126 12.3 9.8 14.6





#83  
Chrysene  
Concen: 41.396 ng  
RT: 14.069 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



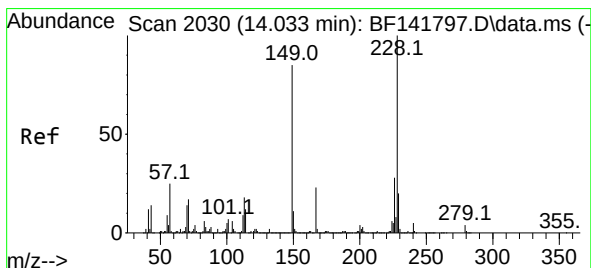
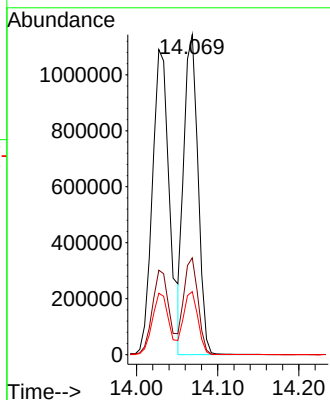
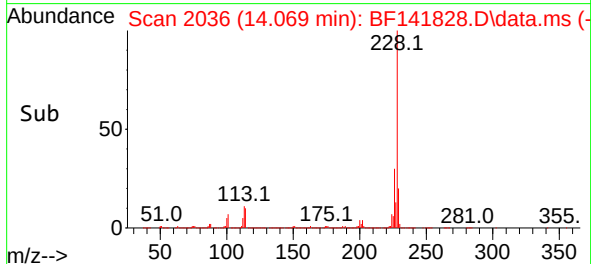
Tgt Ion:228 Resp: 1385334  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.6 37.0  
229 19.7 16.1 24.1

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

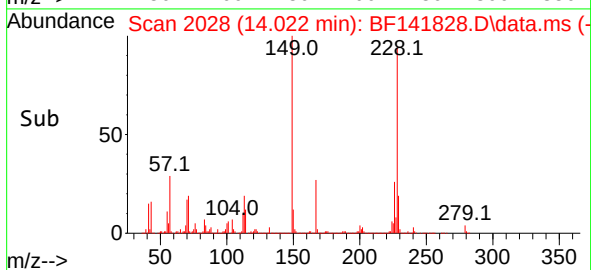
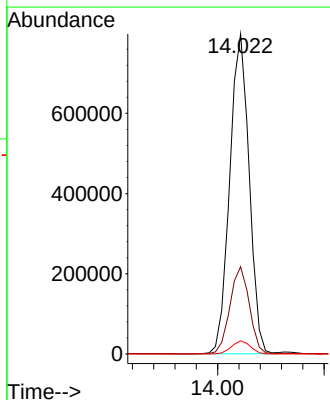
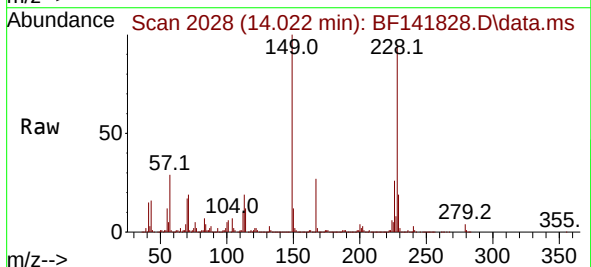
03/05/2025  
Supervised By :Jagrut  
Upadhyay

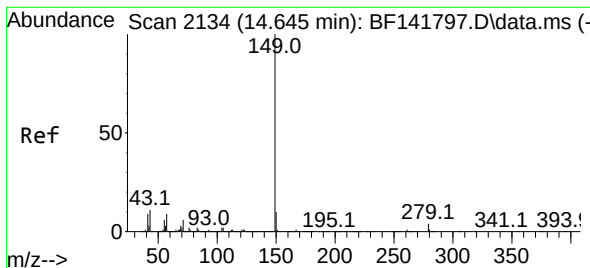
03/05/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.954 ng  
RT: 14.022 min Scan# 2028  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

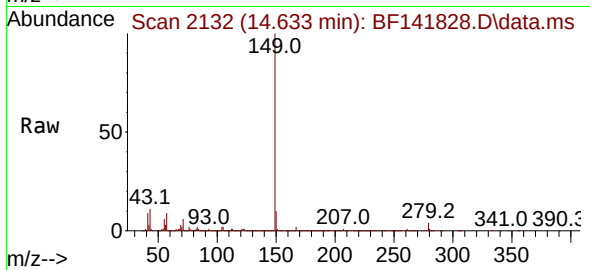
Tgt Ion:149 Resp: 1010991  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.2 31.8  
279 4.1 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 50.372 ng  
RT: 14.633 min Scan# 2134  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



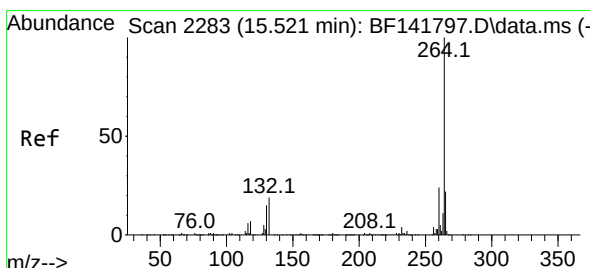
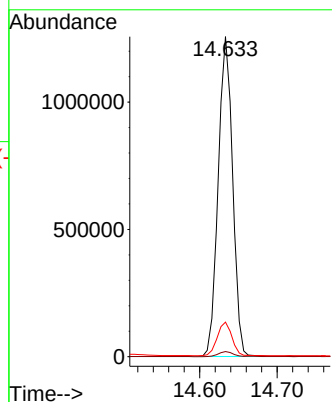
Tgt Ion:149 Resp: 1623744  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 10.6 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

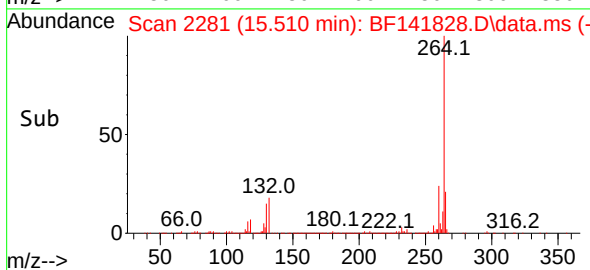
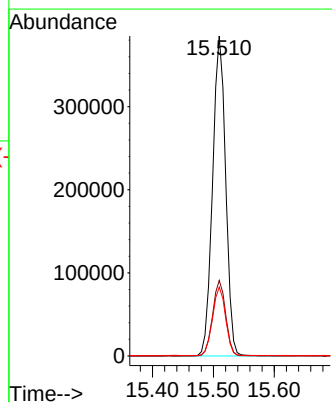
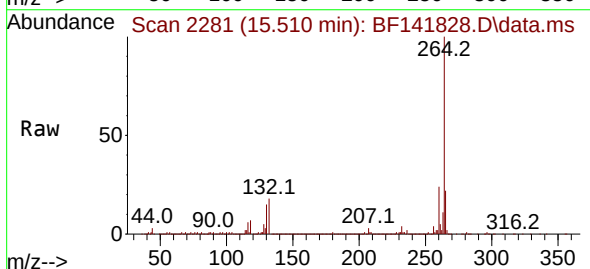
03/05/2025  
Supervised By :Jagrut  
Upadhyay

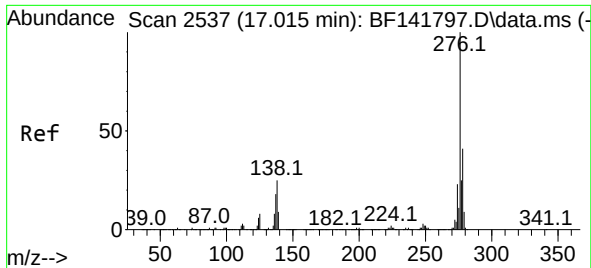
03/05/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.510 min Scan# 2281  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

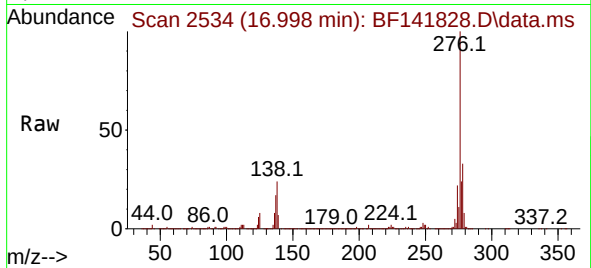
Tgt Ion:264 Resp: 574685  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.9 28.3  
265 21.5 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.741 ng  
RT: 16.998 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



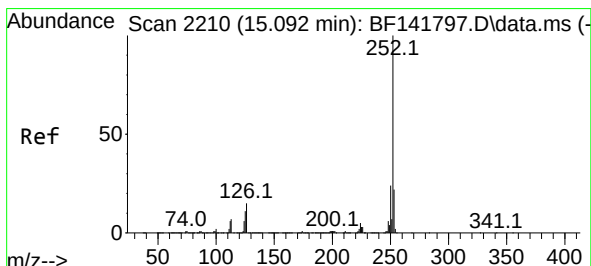
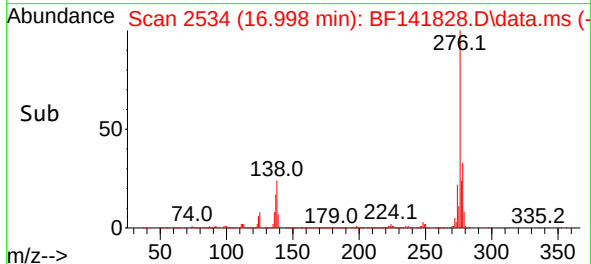
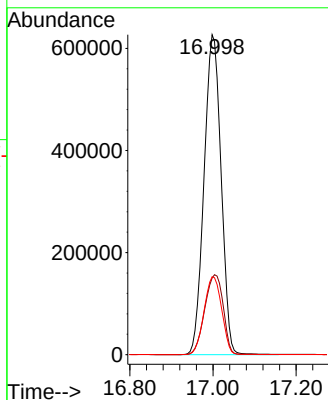
Tgt Ion:276 Resp: 1783630  
Ion Ratio Lower Upper  
276 100  
138 27.0 22.5 33.7  
277 25.3 20.3 30.5

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

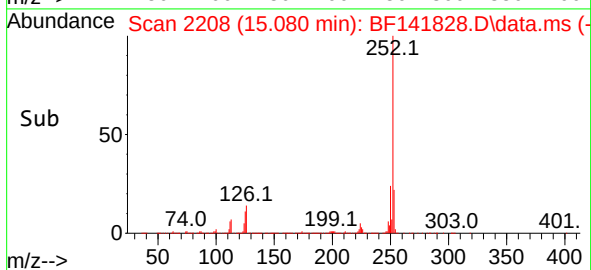
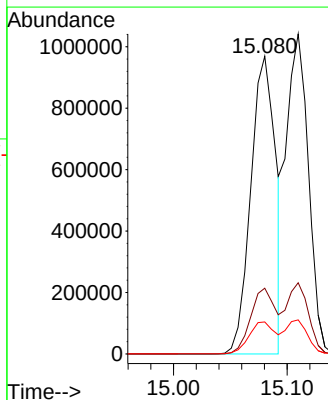
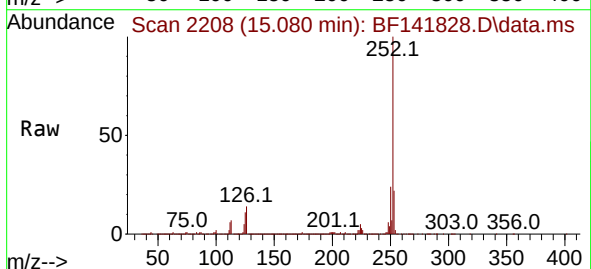
03/05/2025  
Supervised By :Jagrut  
Upadhyay

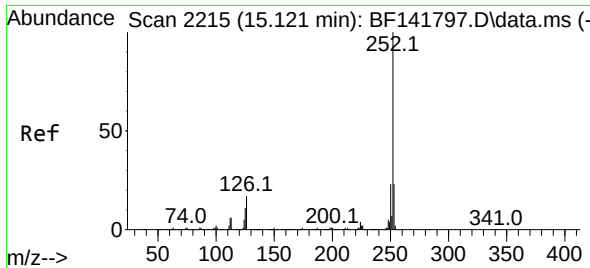
03/05/2025



#88  
Benzo(b)fluoranthene  
Concen: 37.488 ng  
RT: 15.080 min Scan# 2208  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

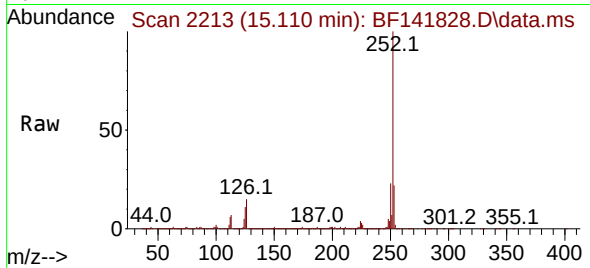
Tgt Ion:252 Resp: 1467507  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 10.8 8.6 13.0





#89  
Benzo(k)fluoranthene  
Concen: 42.104 ng  
RT: 15.110 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



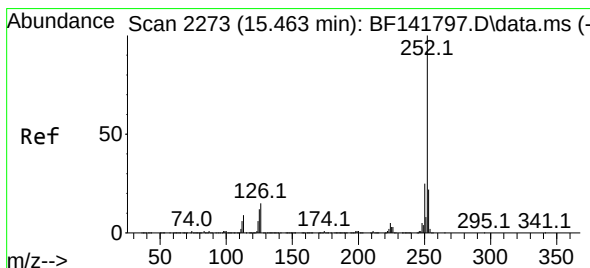
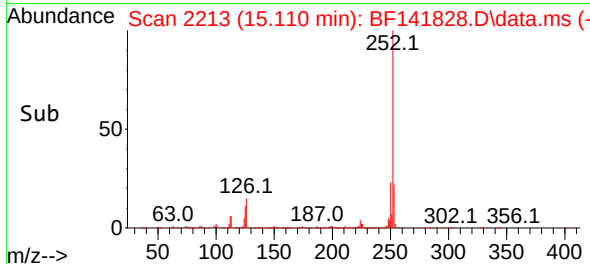
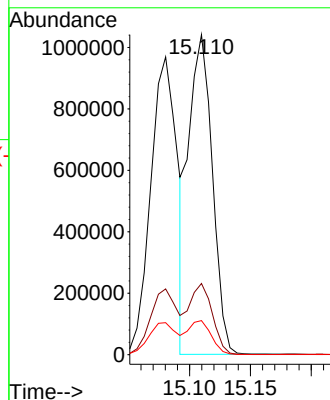
Tgt Ion:252 Resp: 1400890  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 10.7 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

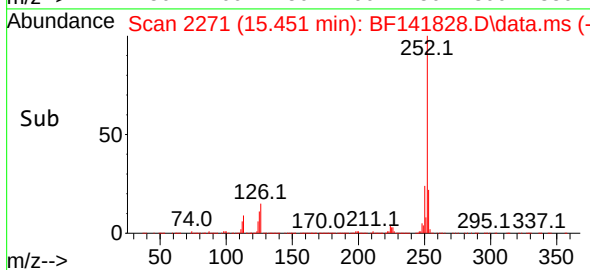
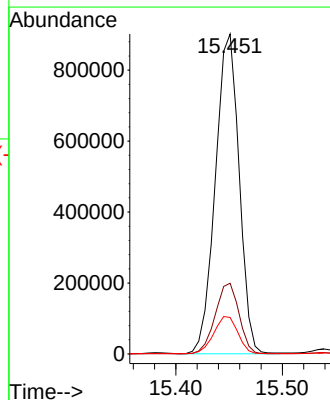
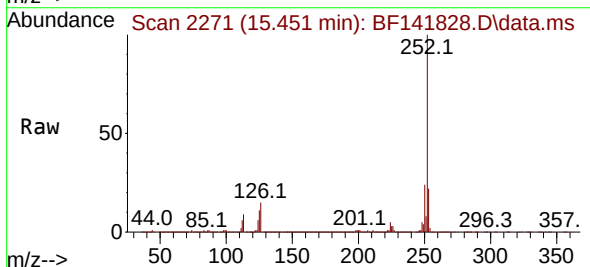
03/05/2025  
Supervised By :Jagrut  
Upadhyay

03/05/2025

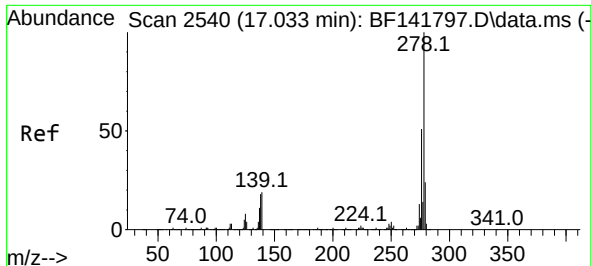


#90  
Benzo(a)pyrene  
Concen: 44.476 ng  
RT: 15.451 min Scan# 2271  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:252 Resp: 1396307  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 11.4 9.4 14.2

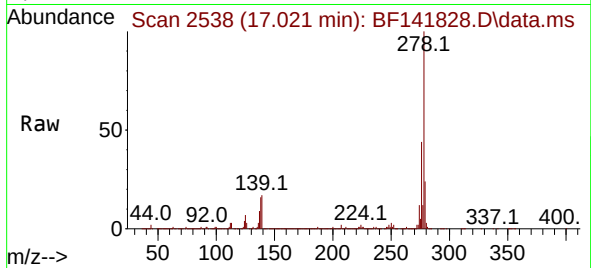






#91  
Dibenzo(a,h)anthracene  
Concen: 47.964 ng  
RT: 17.021 min Scan# 2538  
Delta R.T. -0.012 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Instrument :  
BNA\_F  
ClientSampleId :  
TP-4MS



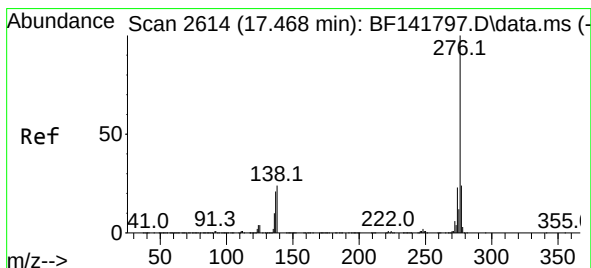
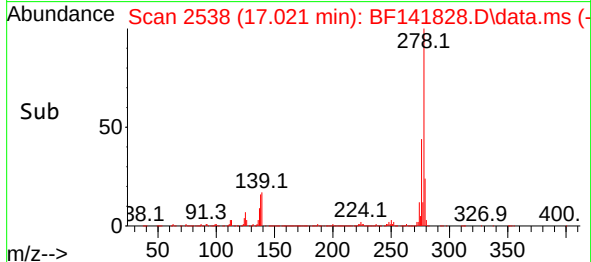
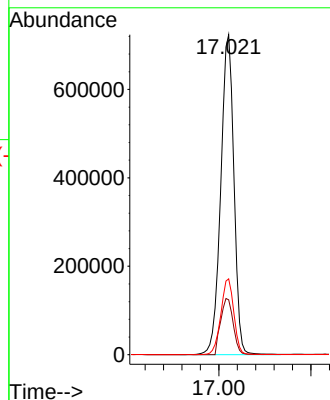
Tgt Ion:278 Resp: 1432699  
Ion Ratio Lower Upper  
278 100  
139 17.2 14.9 22.3  
279 23.7 19.3 28.9

Manual Integrations  
APPROVED

Reviewed By :Anahy  
Claudio

03/05/2025  
Supervised By :Jagrut  
Upadhyay

03/05/2025



#92  
Benzo(g,h,i)perylene  
Concen: 45.571 ng  
RT: 17.451 min Scan# 2611  
Delta R.T. -0.018 min  
Lab File: BF141828.D  
Acq: 04 Mar 2025 15:48

Tgt Ion:276 Resp: 1394513  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.4 29.0  
138 23.6 19.3 28.9

