

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020725\  
 Data File : BF141506.D  
 Acq On : 07 Feb 2025 14:33  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 02/10/2025  
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 07 15:09:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 91880    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 360290   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.828  | 164  | 198348   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 340922   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.957 | 240  | 238177   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.416 | 264  | 192868   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 475650   | 81.160 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 587648   | 79.333 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 553575   | 80.140 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 158428   | 79.512 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1006130  | 78.150 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.904 | 244  | 1115806  | 79.087 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.475  | 88   | 94001    | 39.852 | ng    | 100      |
| 3) Pyridine                   | 3.199  | 79   | 234861   | 41.842 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.157  | 42   | 146825   | 39.505 | ng    | 96       |
| 6) Aniline                    | 6.451  | 93   | 276601   | 39.807 | ng    | 94       |
| 8) 2-Chlorophenol             | 6.575  | 128  | 254071   | 40.121 | ng    | 96       |
| 9) Benzaldehyde               | 6.340  | 77   | 155074   | 39.396 | ng    | 100      |
| 10) Phenol                    | 6.446  | 94   | 307937   | 39.942 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 227223   | 39.239 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.728  | 146  | 265506   | 39.713 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 265354   | 38.847 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 252127   | 39.770 | ng    | 100      |
| 15) Benzyl Alcohol            | 6.934  | 79   | 221923   | 39.069 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069  | 45   | 389773   | 39.320 | ng    | 99       |
| 17) 2-Methylphenol            | 7.051  | 107  | 195478   | 39.445 | ng    | 99       |
| 18) Hexachloroethane          | 7.298  | 117  | 100140   | 39.613 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 179697   | 40.556 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 244214   | 38.777 | ng    | 98       |
| 22) Acetophenone              | 7.198  | 105  | 352167   | 39.294 | ng    | 99       |
| 24) Nitrobenzene              | 7.375  | 77   | 268254   | 39.825 | ng    | 100      |
| 25) Isophorone                | 7.610  | 82   | 437623   | 39.733 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.687  | 139  | 137445   | 41.014 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 158012   | 40.362 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 285112   | 40.398 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.940  | 162  | 213366   | 40.337 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.016  | 180  | 229655   | 39.869 | ng    | 99       |
| 31) Naphthalene               | 8.092  | 128  | 749587   | 39.968 | ng    | 100      |
| 32) Benzoic acid              | 7.857  | 122  | 163033   | 40.092 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 235464   | 35.960 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 137788   | 39.845 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 67233    | 41.746 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.634  | 107  | 234989   | 40.105 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.787  | 142  | 481204   | 39.430 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.881  | 142  | 465894   | 39.416 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.951  | 216  | 226553   | 39.480 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.934  | 237  | 76451    | 40.055 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 145794   | 39.310 | ng    | 98       |

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 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

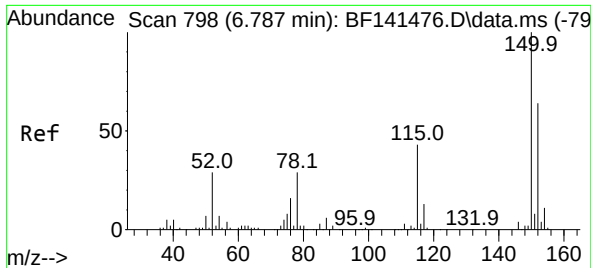
Reviewed By :Anahy Claudio 02/10/2025  
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 07 15:09:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 158176   | 39.352 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 606143   | 39.417 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.275  | 162  | 448999   | 39.485 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.375  | 65   | 152856   | 40.054 | ng    | 98       |
| 49) Acenaphthylene            | 9.686  | 152  | 673155   | 39.800 | ng    | 99       |
| 50) Dimethylphthalate         | 9.551  | 163  | 530887   | 39.426 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 116863   | 39.701 | ng    | 99       |
| 52) Acenaphthene              | 9.863  | 154  | 442729m  | 38.936 | ng    |          |
| 53) 3-Nitroaniline            | 9.786  | 138  | 124846   | 39.406 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 67053    | 38.328 | ng    | 97       |
| 55) Dibenzofuran              | 10.034 | 168  | 656713   | 39.347 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.957  | 139  | 95307    | 40.524 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 158641   | 40.483 | ng    | 97       |
| 58) Fluorene                  | 10.375 | 166  | 507132   | 39.298 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232  | 137272   | 39.668 | ng    | 97       |
| 60) Diethylphthalate          | 10.251 | 149  | 520921   | 39.320 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 244431   | 39.371 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 129336   | 40.203 | ng    | 97       |
| 63) Azobenzene                | 10.528 | 77   | 516030   | 39.181 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.428 | 198  | 94709    | 39.992 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 430480   | 39.446 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 148075   | 38.862 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 156412   | 39.865 | ng    | 98       |
| 69) Atrazine                  | 11.016 | 200  | 124255   | 37.952 | ng    | 99       |
| 70) Pentachlorophenol         | 11.122 | 266  | 100181   | 39.932 | ng    | 99       |
| 71) Phenanthrene              | 11.339 | 178  | 737878   | 39.319 | ng    | 99       |
| 72) Anthracene                | 11.392 | 178  | 746361   | 39.564 | ng    | 100      |
| 73) Carbazole                 | 11.545 | 167  | 684333   | 40.316 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 785155   | 40.060 | ng    | 100      |
| 75) Fluoranthene              | 12.527 | 202  | 796201   | 40.018 | ng    | 99       |
| 77) Benzidine                 | 12.651 | 184  | 232310   | 44.226 | ng    | 99       |
| 78) Pyrene                    | 12.757 | 202  | 810550   | 39.977 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 305087   | 43.443 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.945 | 228  | 626940   | 39.598 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.910 | 252  | 183288   | 40.414 | ng    | 98       |
| 83) Chrysene                  | 13.986 | 228  | 556110   | 38.041 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 361384   | 45.626 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.563 | 149  | 484418   | 42.871 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.862 | 276  | 480414   | 40.313 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 14.998 | 252  | 549964   | 42.468 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.027 | 252  | 412835   | 37.333 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.357 | 252  | 420423   | 40.121 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.880 | 278  | 390089   | 40.397 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.298 | 276  | 396572   | 39.245 | ng    | 99       |

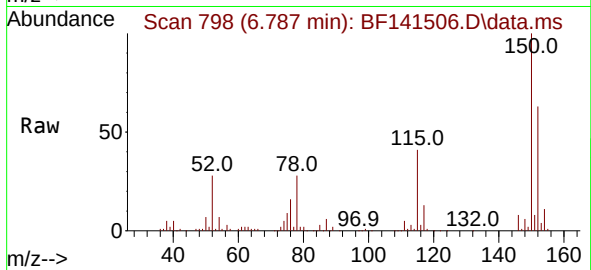
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 798  
 Delta R.T. -0.005 min  
 Lab File: BF141506.D  
 Acq: 07 Feb 2025 14:33

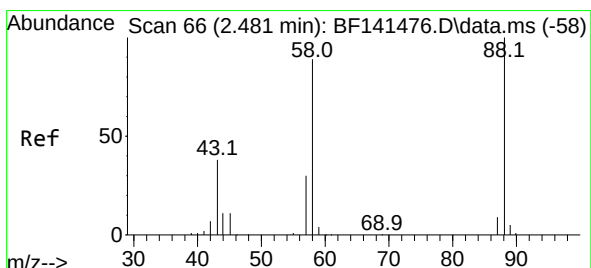
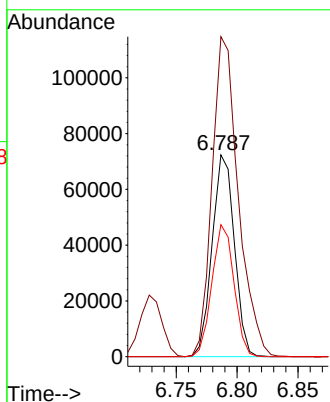
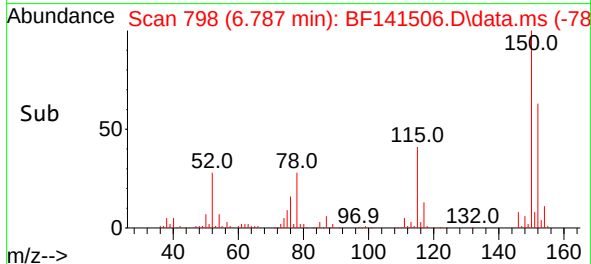
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:152 Resp: 91880  
 Ion Ratio Lower Upper  
 152 100  
 150 158.6 125.0 187.4  
 115 65.4 53.6 80.4

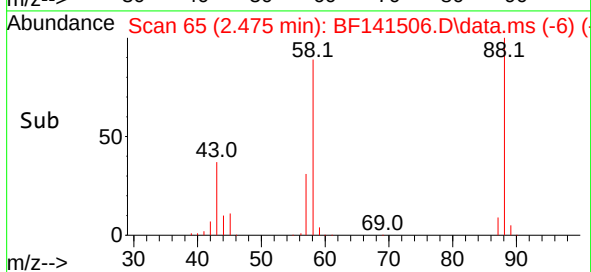
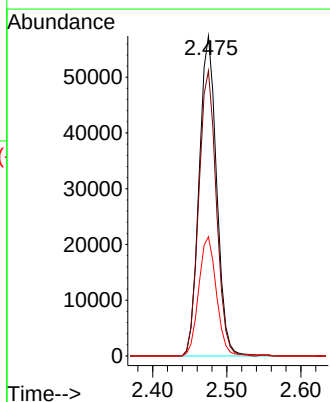
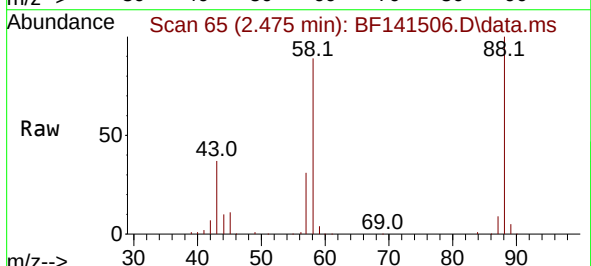
Manual Integrations  
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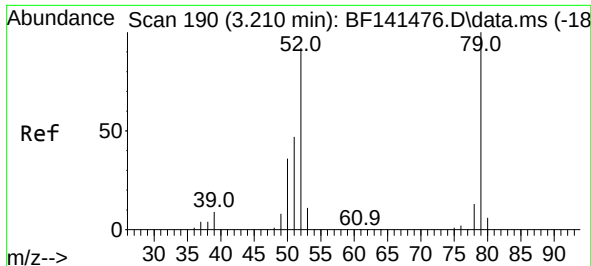
Reviewed By :Anahy Claudio 02/10/2025  
 Supervised By :mohammad ahmed 02/12/2025



#2  
 1,4-Dioxane  
 Concen: 39.852 ng  
 RT: 2.475 min Scan# 65  
 Delta R.T. -0.006 min  
 Lab File: BF141506.D  
 Acq: 07 Feb 2025 14:33

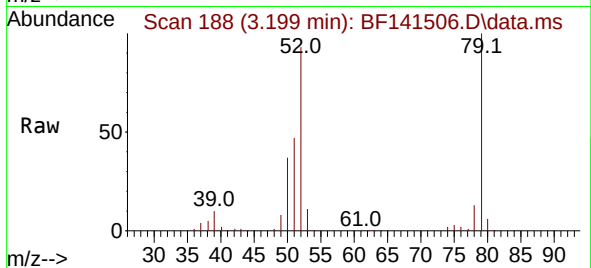
Tgt Ion: 88 Resp: 94001  
 Ion Ratio Lower Upper  
 88 100  
 58 89.1 71.1 106.7  
 43 37.9 30.6 46.0





#3  
Pyridine  
Concen: 41.842 ng  
RT: 3.199 min Scan# 188  
Delta R.T. -0.017 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

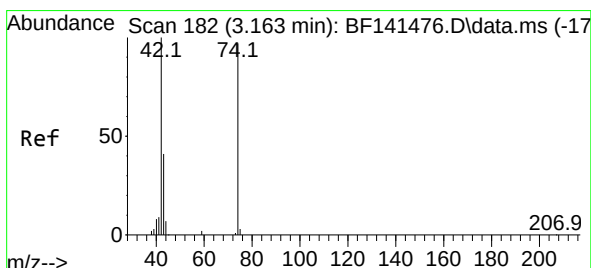
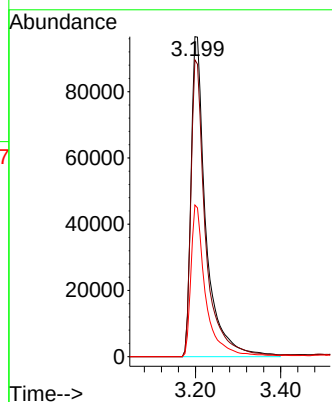
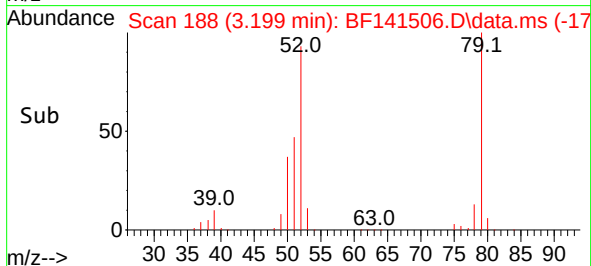
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



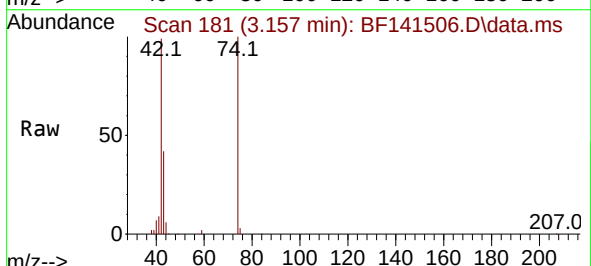
Tgt Ion: 79 Resp: 23486  
Ion Ratio Lower Upper  
79 100  
52 92.8 73.7 110.5  
51 47.4 37.5 56.3

Manual Integrations  
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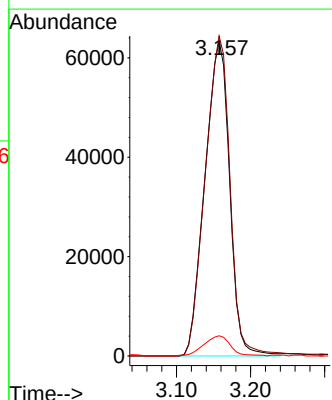
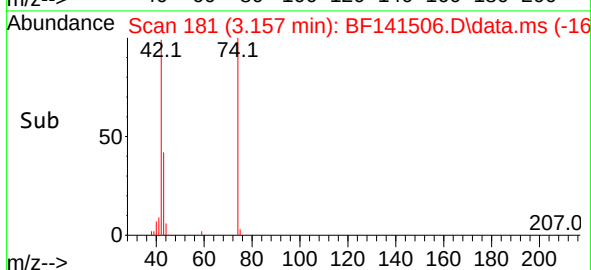
Reviewed By :Anahy Claudio 02/10/2025  
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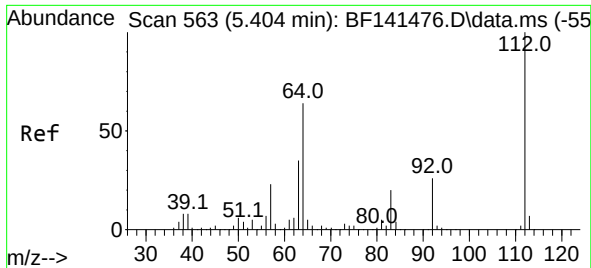


#4  
n-Nitrosodimethylamine  
Concen: 39.505 ng  
RT: 3.157 min Scan# 181  
Delta R.T. -0.029 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion: 42 Resp: 146825  
Ion Ratio Lower Upper  
42 100  
74 101.5 78.0 117.0  
44 6.4 5.4 8.2





#5  
2-Fluorophenol  
Concen: 81.160 ng  
RT: 5.404 min Scan# 501  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

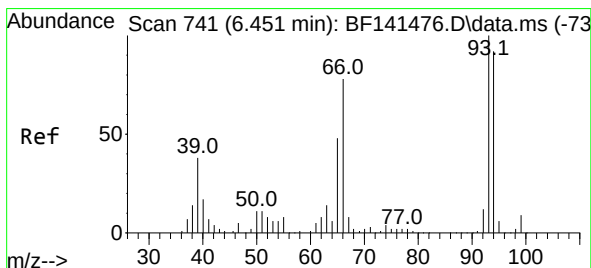
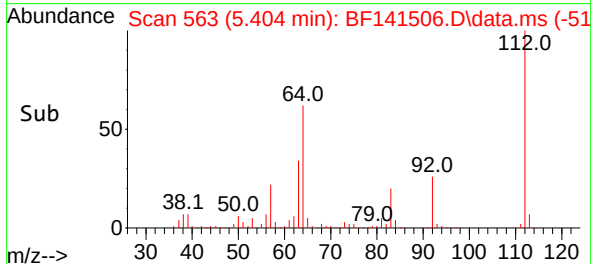
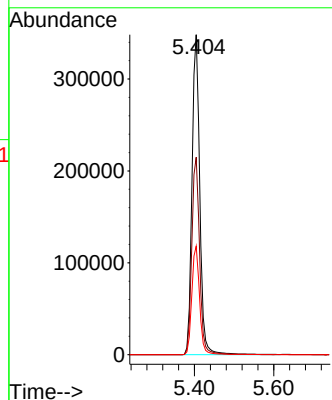
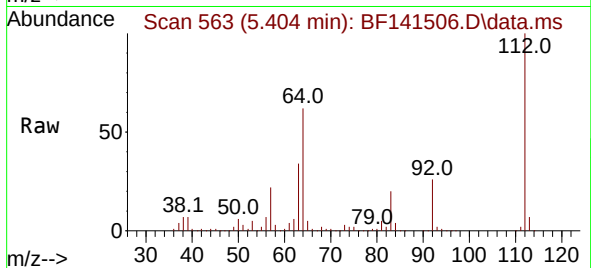
SSTDCCC040

Tgt Ion:112 Resp: 475650  
Ion Ratio Lower Upper  
112 100  
64 61.7 51.1 76.7  
63 33.9 28.4 42.6

Manual Integrations

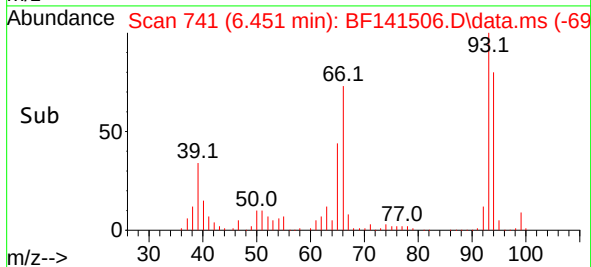
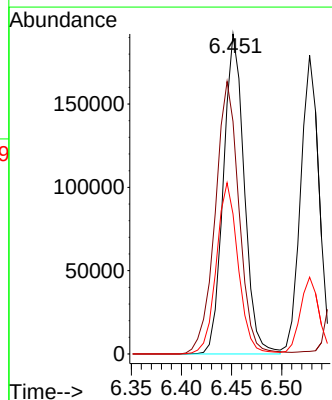
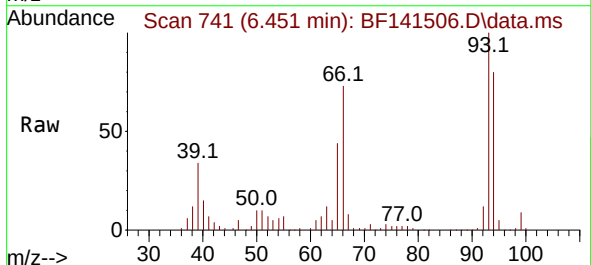
APPROVED

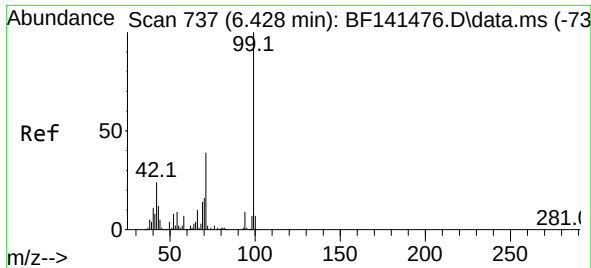
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#6  
Aniline  
Concen: 39.807 ng  
RT: 6.451 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

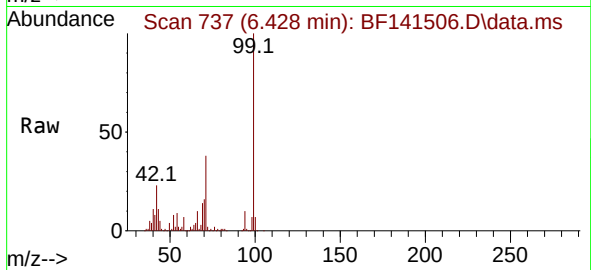
Tgt Ion: 93 Resp: 276601  
Ion Ratio Lower Upper  
93 100  
66 72.6 62.6 94.0  
65 43.8 38.3 57.5





#7  
Phenol-d6  
Concen: 79.333 ng  
RT: 6.428 min Scan# 714  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

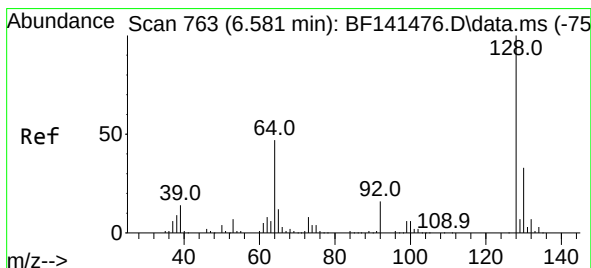
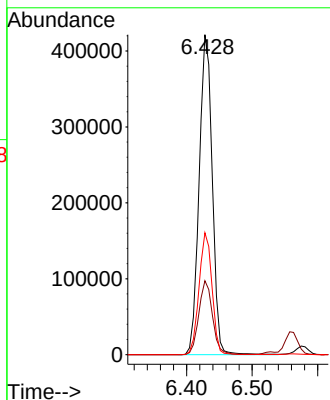
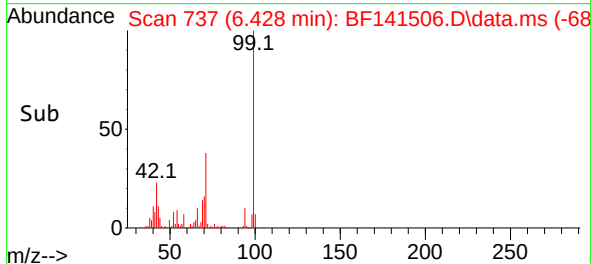
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



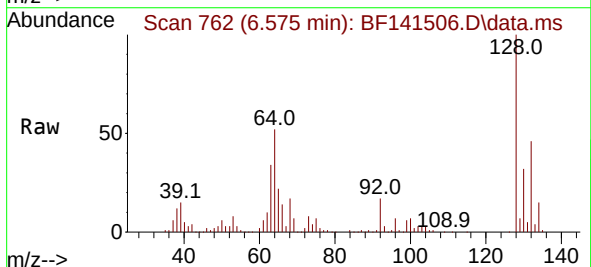
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Ion Ratio Lower Upper  
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71 38.1 31.1 46.7

Manual Integrations  
APPROVED

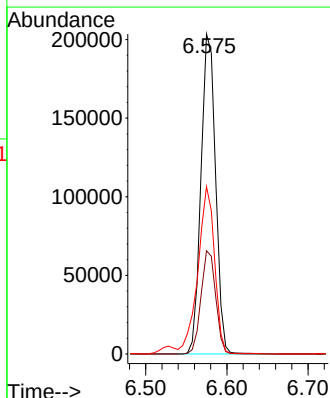
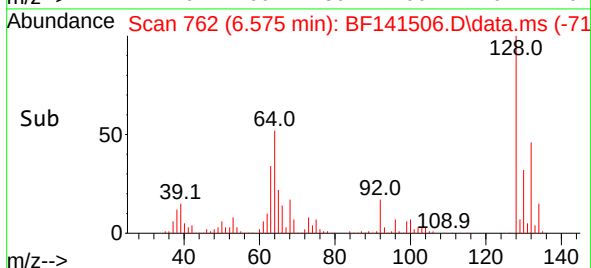
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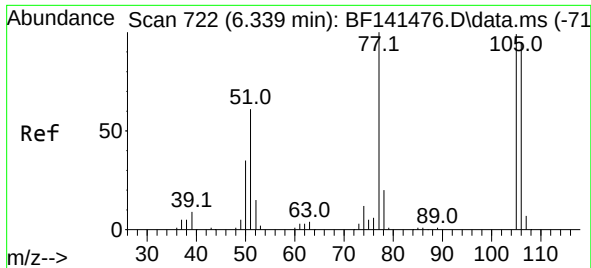


#8  
2-Chlorophenol  
Concen: 40.121 ng  
RT: 6.575 min Scan# 762  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



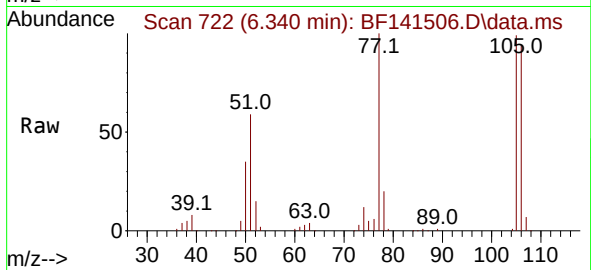
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Ion Ratio Lower Upper  
128 100  
130 32.3 12.7 52.7  
64 52.3 28.3 68.3





#9  
Benzaldehyde  
Concen: 39.396 ng  
RT: 6.340 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

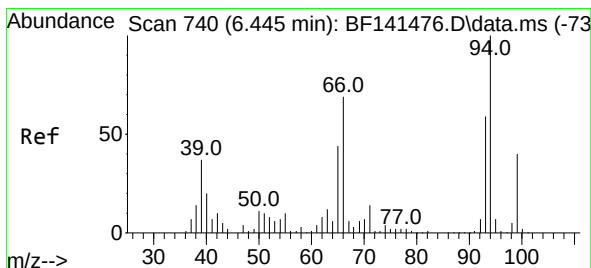
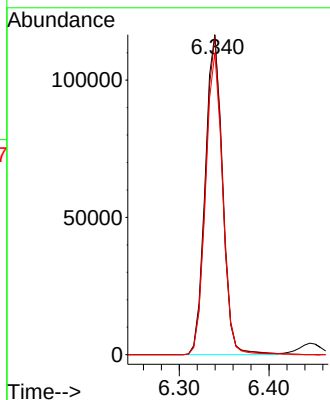
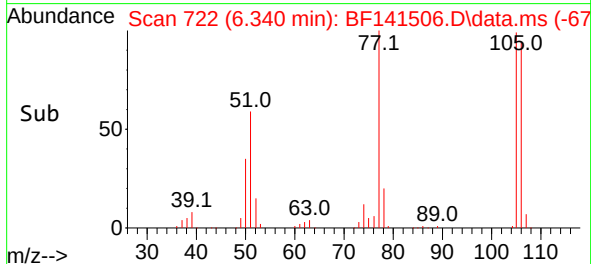
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 155074  
Ion Ratio Lower Upper  
77 100  
105 99.4 79.4 119.4  
106 94.3 75.1 115.1

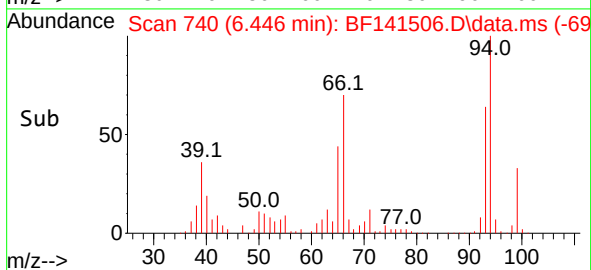
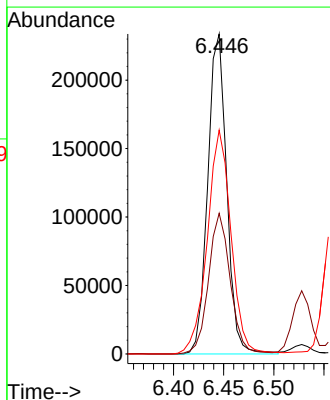
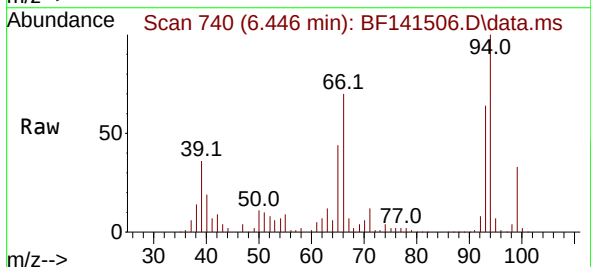
Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

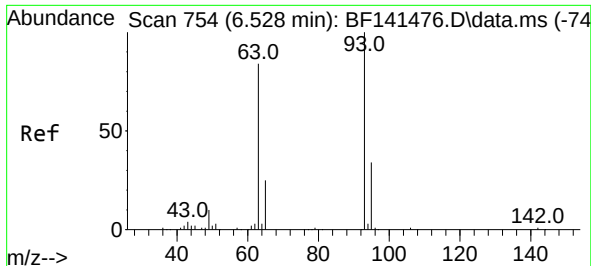


#10  
Phenol  
Concen: 39.942 ng  
RT: 6.446 min Scan# 740  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion: 94 Resp: 307937  
Ion Ratio Lower Upper  
94 100  
65 44.0 23.7 63.7  
66 70.0 49.3 89.3

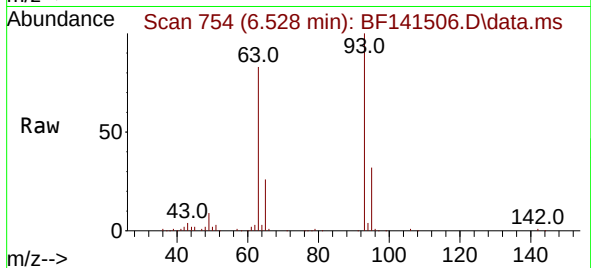






#11  
bis(2-Chloroethyl)ether  
Concen: 39.239 ng  
RT: 6.528 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

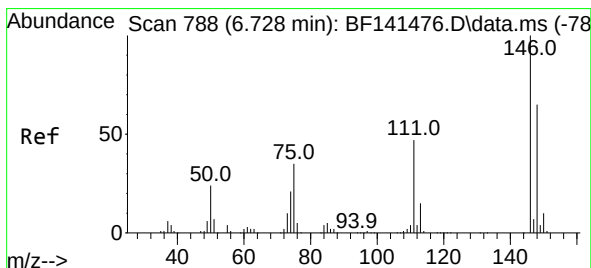
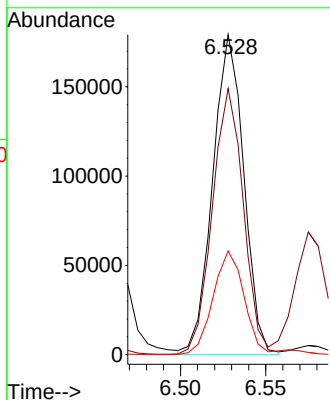
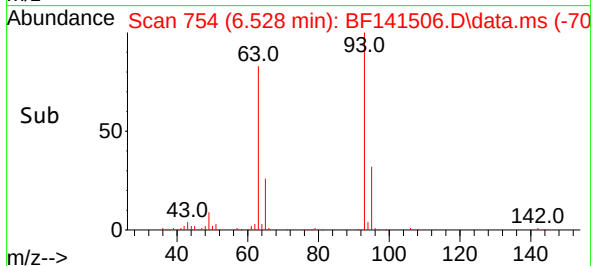
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



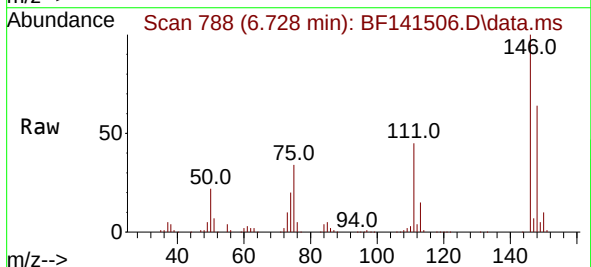
Tgt Ion: 93 Resp: 22722  
Ion Ratio Lower Upper  
93 100  
63 83.1 62.0 102.0  
95 32.4 12.6 52.6

Manual Integrations  
APPROVED

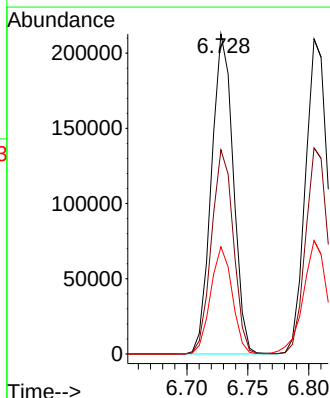
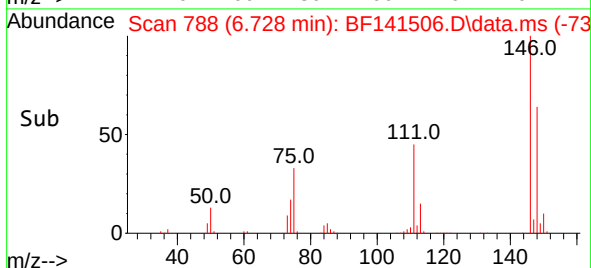
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

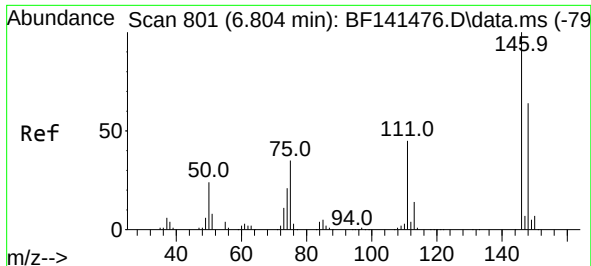


#12  
1,3-Dichlorobenzene  
Concen: 39.713 ng  
RT: 6.728 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



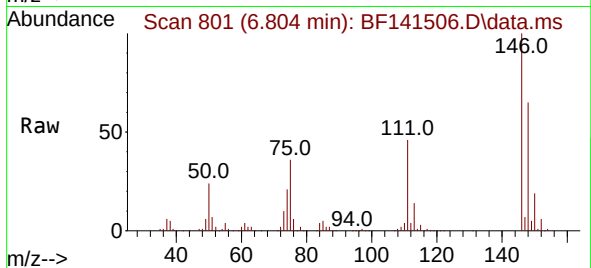
Tgt Ion:146 Resp: 265506  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.9 77.9  
75 33.5 28.2 42.2





#13  
1,4-Dichlorobenzene  
Concen: 38.847 ng  
RT: 6.804 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

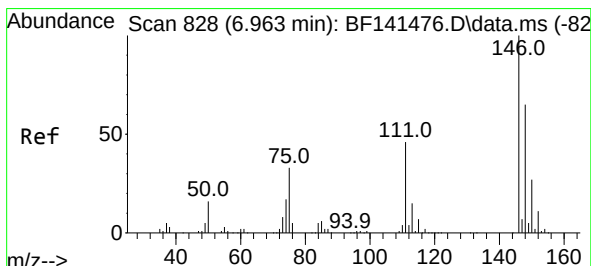
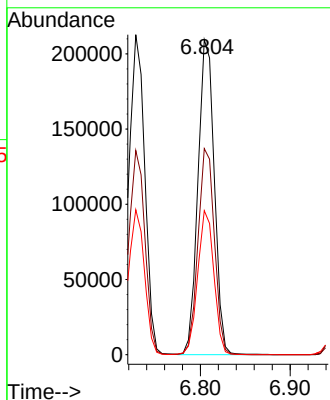
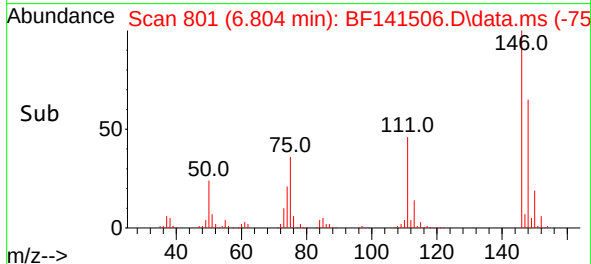
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



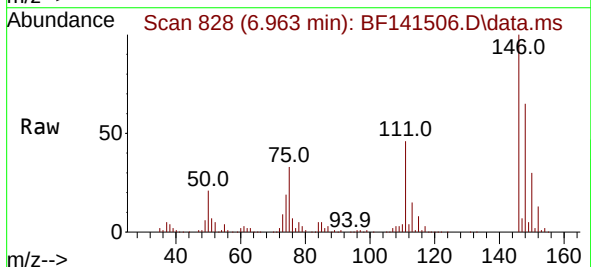
Tgt Ion:146 Resp: 265354  
Ion Ratio Lower Upper  
146 100  
148 65.4 50.9 76.3  
111 45.7 35.9 53.9

Manual Integrations  
APPROVED

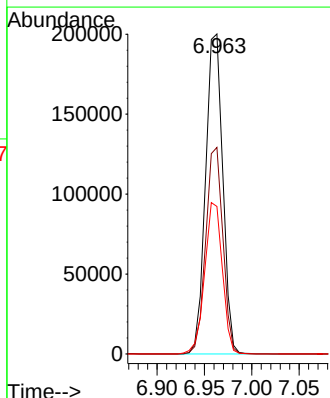
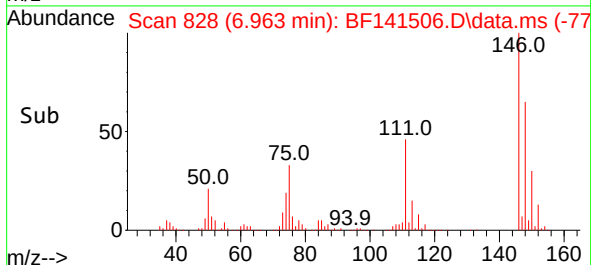
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

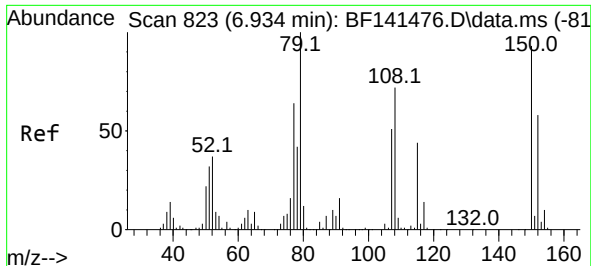


#14  
1,2-Dichlorobenzene  
Concen: 39.770 ng  
RT: 6.963 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:146 Resp: 252127  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.8 77.6  
111 46.1 37.0 55.4





#15  
Benzyl Alcohol  
Concen: 39.069 ng  
RT: 6.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

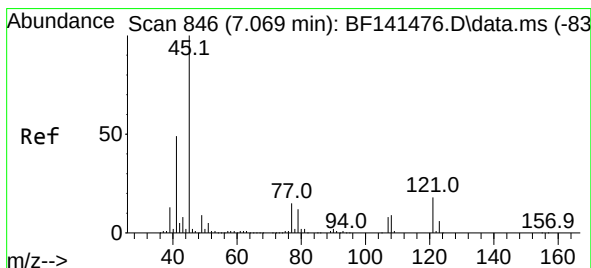
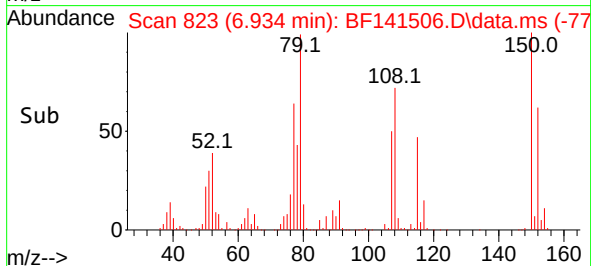
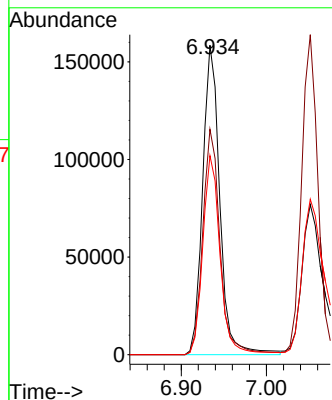
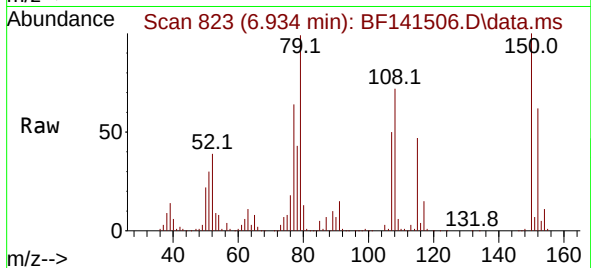
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 221923  
Ion Ratio Lower Upper  
79 100  
108 72.8 57.4 86.2  
77 64.3 50.9 76.3

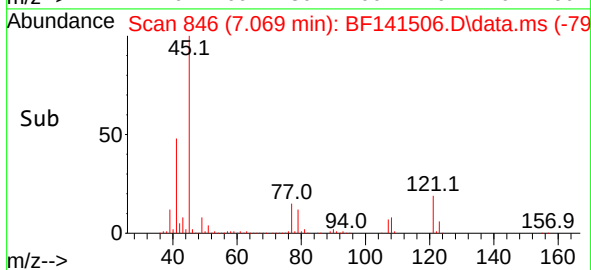
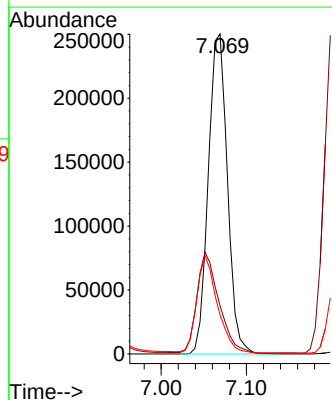
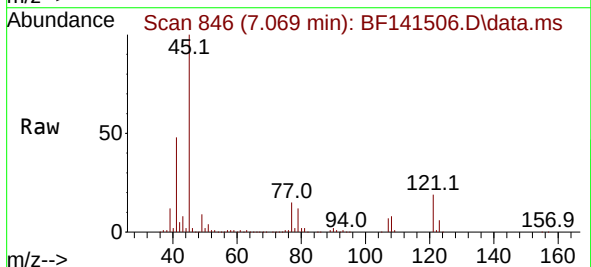
Manual Integrations  
APPROVED

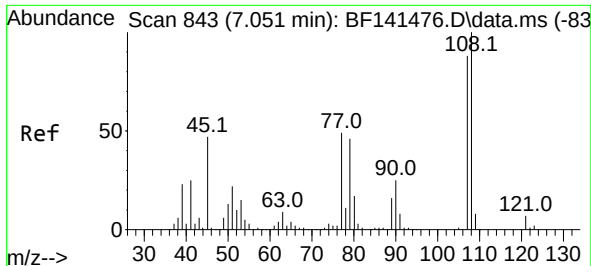
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.320 ng  
RT: 7.069 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion: 45 Resp: 389773  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 35.8  
79 12.2 0.0 32.7





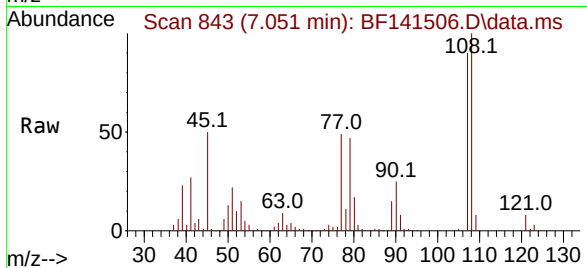
#17  
2-Methylphenol  
Concen: 39.445 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

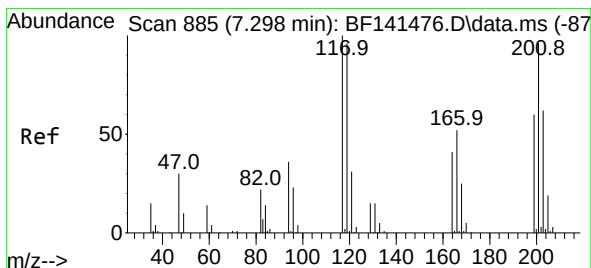
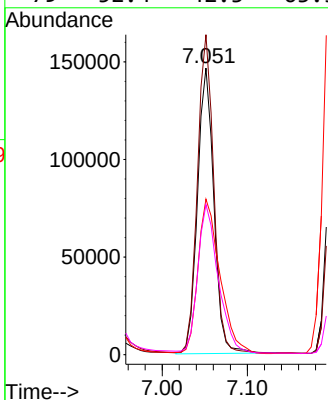


Tgt Ion:107 Resp: 195478  
Ion Ratio Lower Upper  
107 100  
108 111.7 90.6 136.0  
77 54.3 44.4 66.6  
79 52.4 42.3 63.5

Manual Integrations

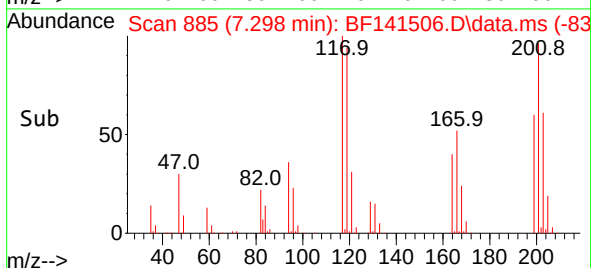
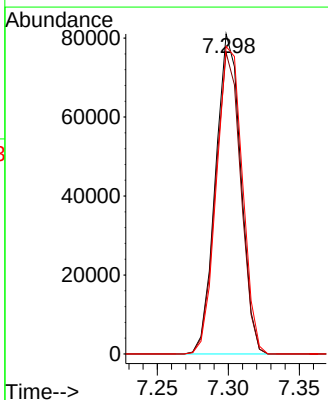
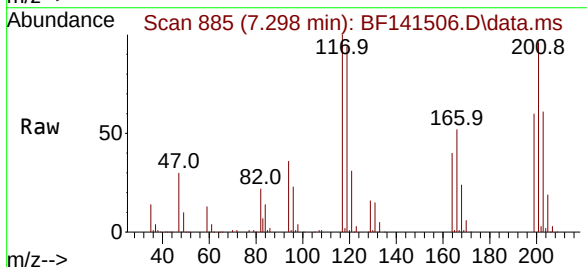
APPROVED

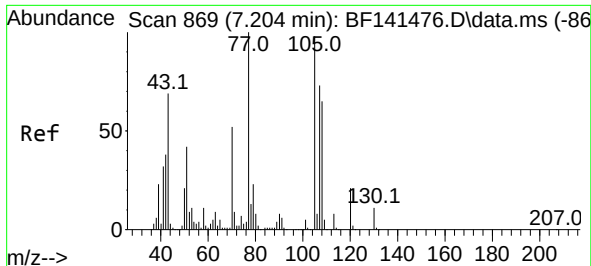
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#18  
Hexachloroethane  
Concen: 39.613 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

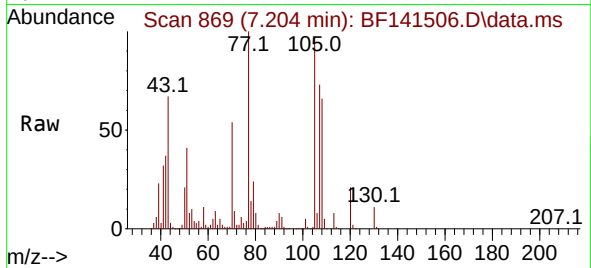
Tgt Ion:117 Resp: 100140  
Ion Ratio Lower Upper  
117 100  
119 94.1 76.5 114.7  
201 96.1 76.7 115.1





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.556 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

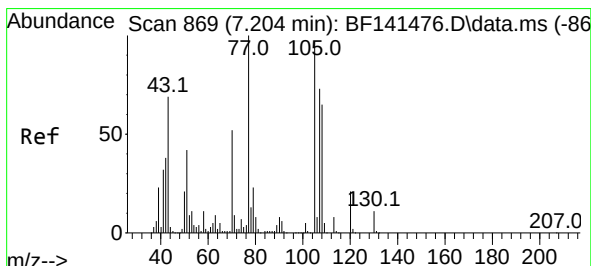
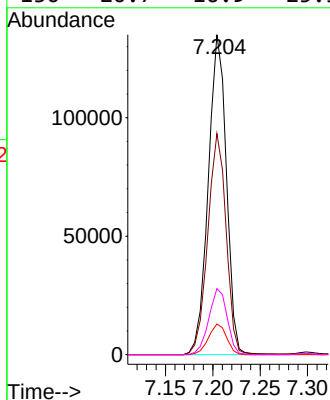
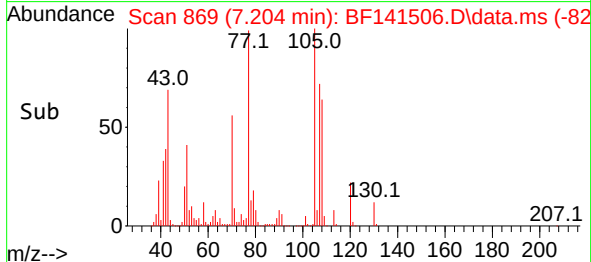
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



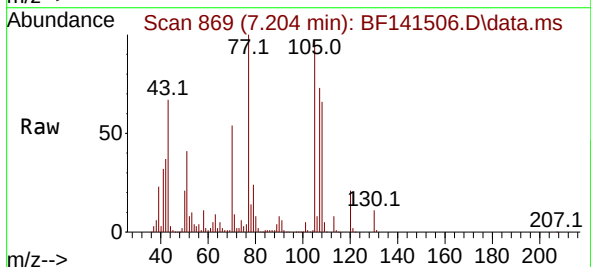
Tgt Ion: 70 Resp: 179697  
Ion Ratio Lower Upper  
70 100  
42 69.1 57.4 86.2  
101 9.6 8.0 12.0  
130 20.7 16.9 25.3

Manual Integrations  
APPROVED

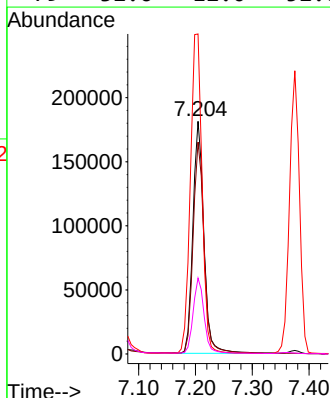
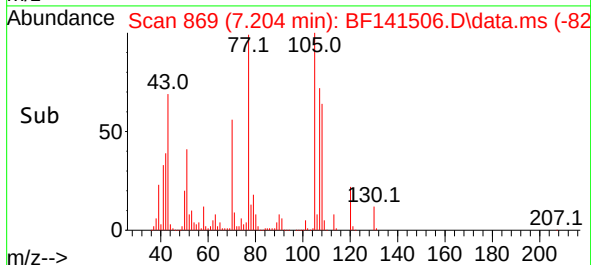
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

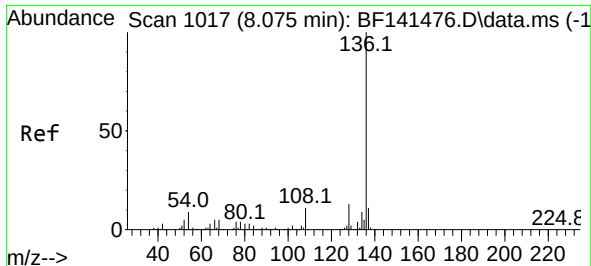


#20  
3+4-Methylphenols  
Concen: 38.777 ng  
RT: 7.204 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:107 Resp: 244214  
Ion Ratio Lower Upper  
107 100  
108 91.0 68.5 108.5  
77 137.5 116.5 156.5  
79 32.6 12.0 52.0





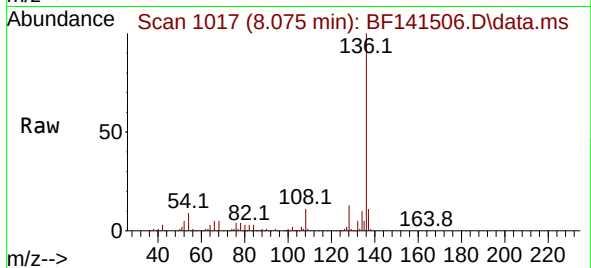
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

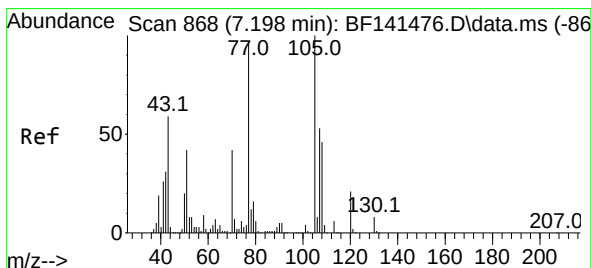
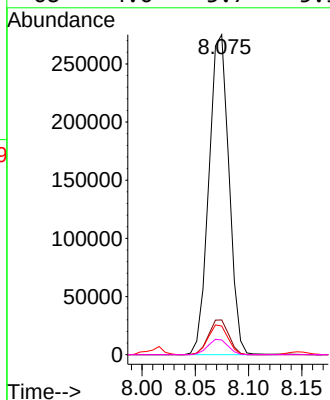
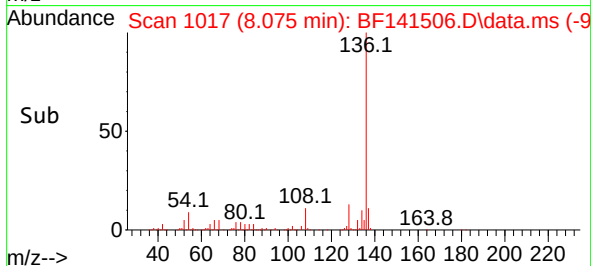


Tgt Ion:136 Resp: 360290  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.0 7.2 10.8  
68 4.6 3.7 5.5

Manual Integrations

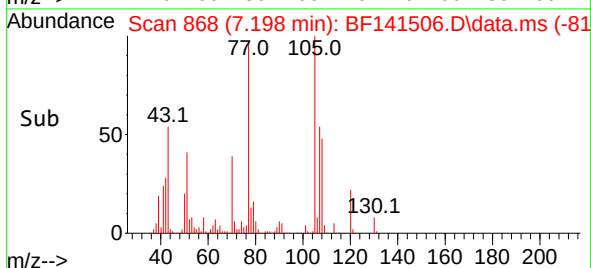
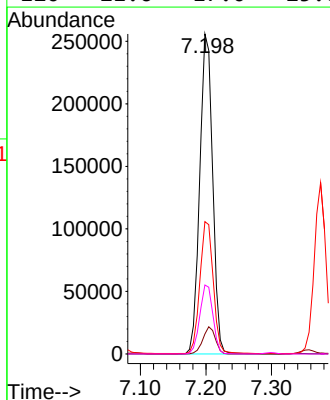
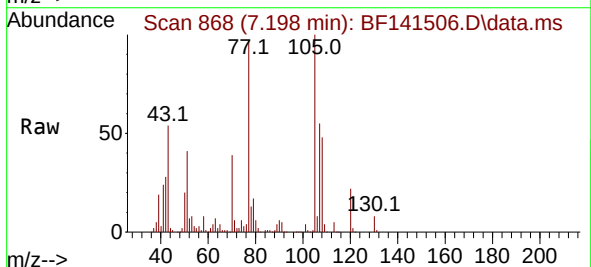
APPROVED

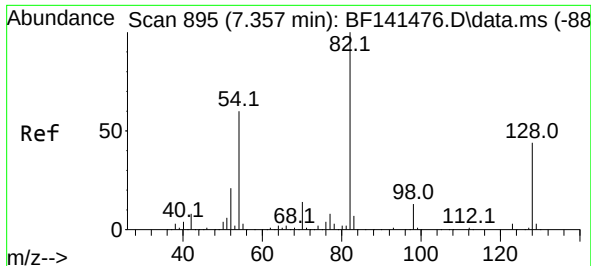
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#22  
Acetophenone  
Concen: 39.294 ng  
RT: 7.198 min Scan# 868  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion:105 Resp: 352167  
Ion Ratio Lower Upper  
105 100  
71 6.3 5.7 8.5  
51 41.3 33.7 50.5  
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.140 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

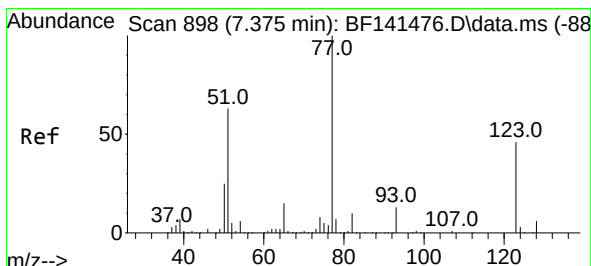
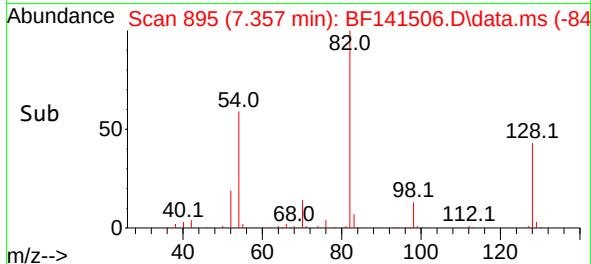
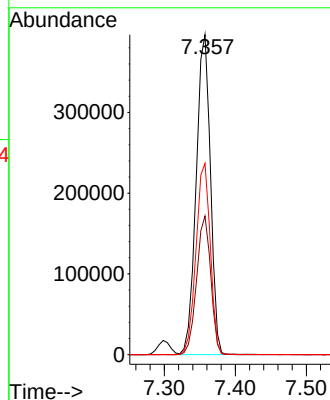
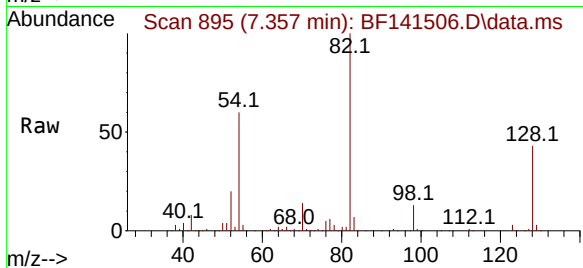
SSTDCCC040

Tgt Ion: 82 Resp: 553579  
 Ion Ratio Lower Upper  
 82 100  
 128 43.4 34.8 52.2  
 54 59.7 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025  
 Supervised By :mohammad ahmed 02/12/2025



#24

Nitrobenzene

Concen: 39.825 ng

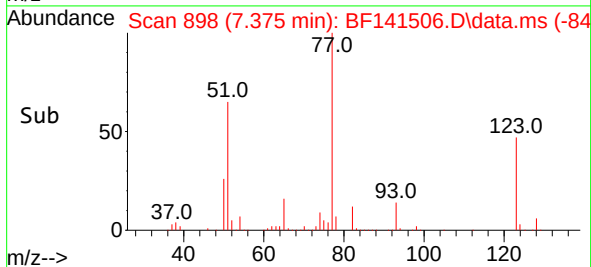
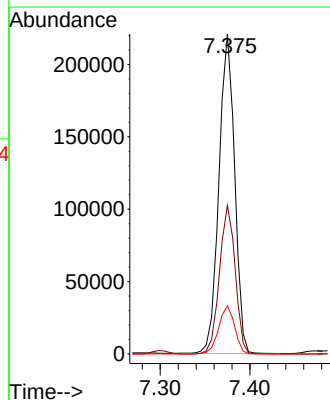
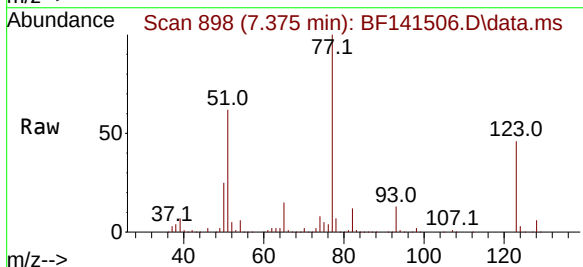
RT: 7.375 min Scan# 898

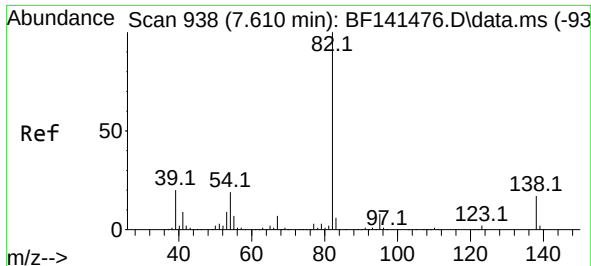
Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Tgt Ion: 77 Resp: 268254  
 Ion Ratio Lower Upper  
 77 100  
 123 46.4 36.9 55.3  
 65 15.0 11.9 17.9





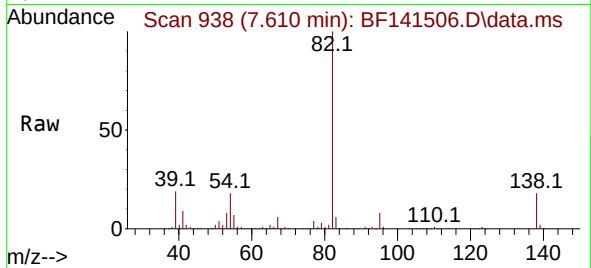
#25  
Isophorone  
Concen: 39.733 ng  
RT: 7.610 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

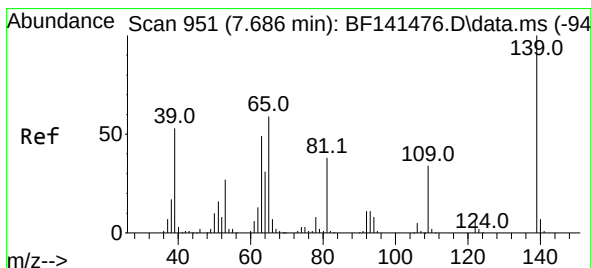
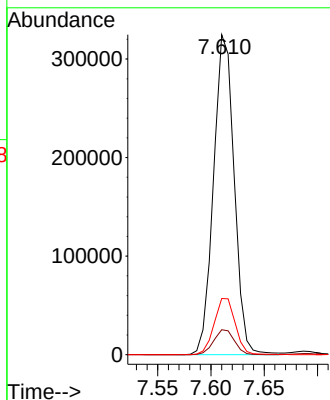
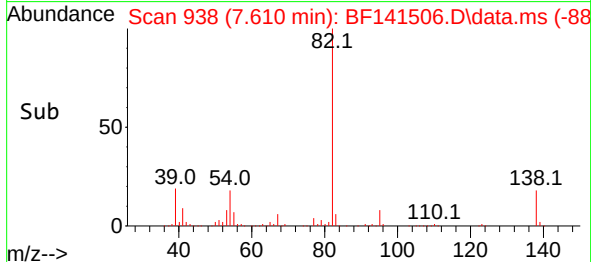
SSTDCCC040



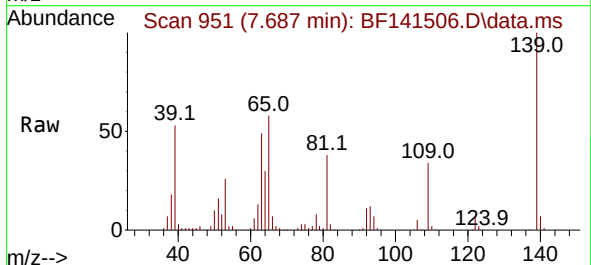
Tgt Ion: 82 Resp: 437623  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.4 9.6  
138 17.5 13.9 20.9

Manual Integrations  
APPROVED

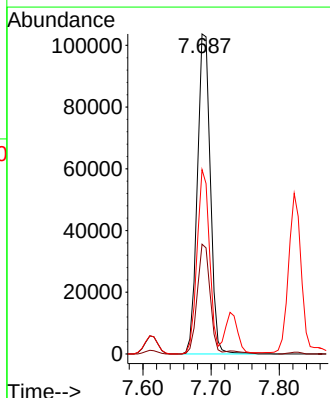
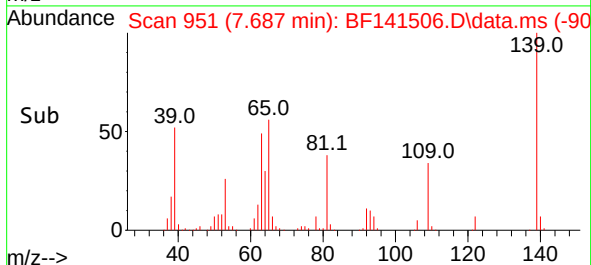
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



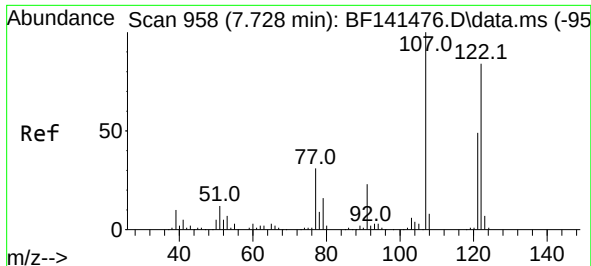
#26  
2-Nitrophenol  
Concen: 41.014 ng  
RT: 7.687 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:139 Resp: 137445  
Ion Ratio Lower Upper  
139 100  
109 34.3 27.0 40.6  
65 57.6 47.1 70.7







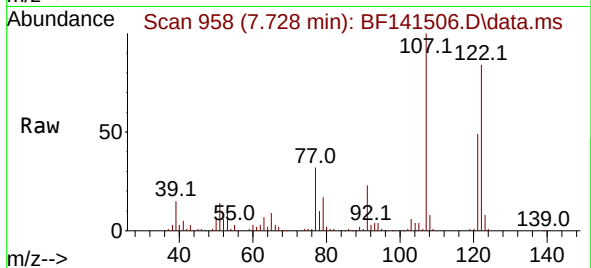
#27  
2,4-Dimethylphenol  
Concen: 40.362 ng  
RT: 7.728 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

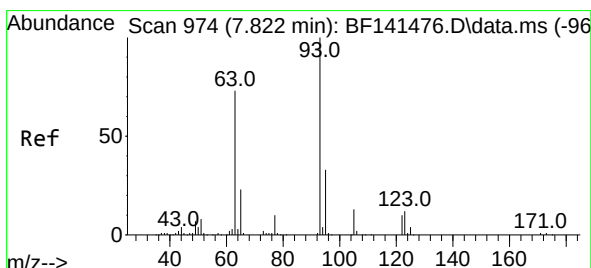
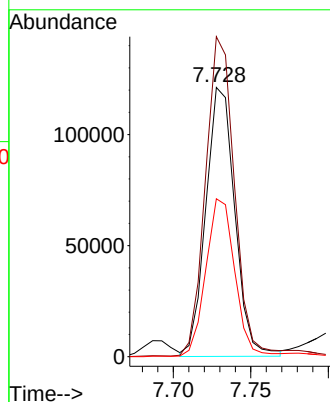
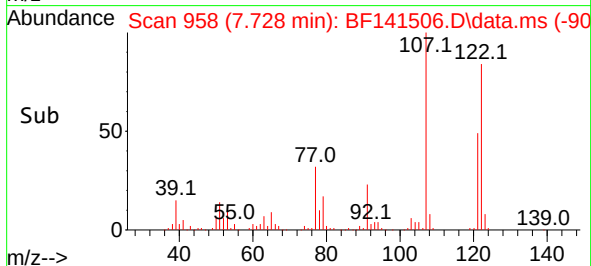


Tgt Ion:122 Resp: 158012  
Ion Ratio Lower Upper  
122 100  
107 118.8 94.3 141.5  
121 58.6 46.0 69.0

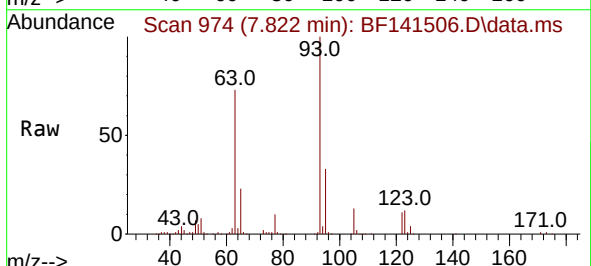
Manual Integrations

APPROVED

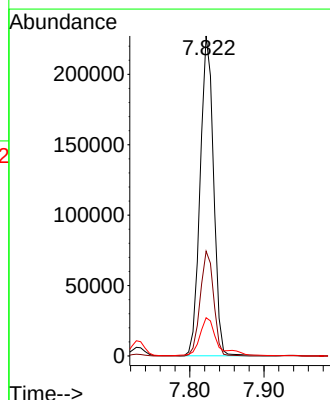
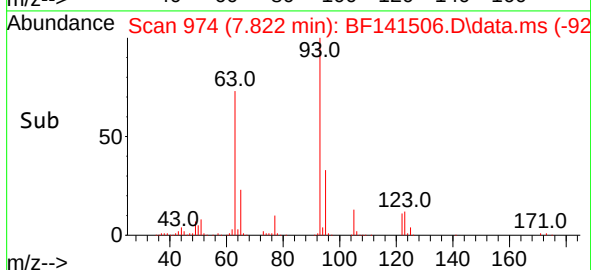
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

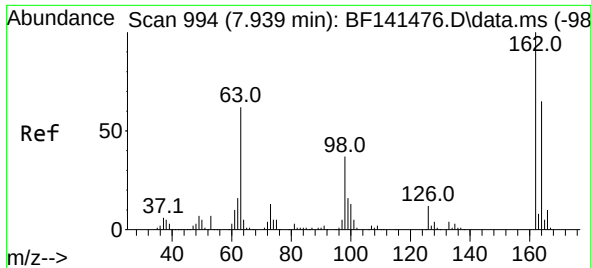


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.398 ng  
RT: 7.822 min Scan# 974  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion: 93 Resp: 285112  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.1 39.1  
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.337 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 21336

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

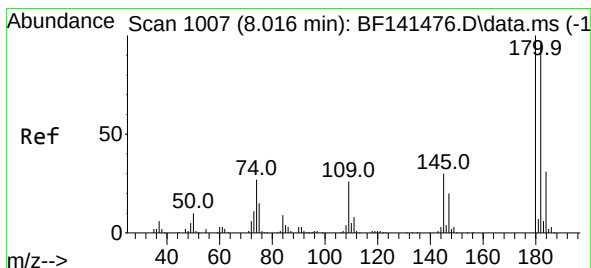
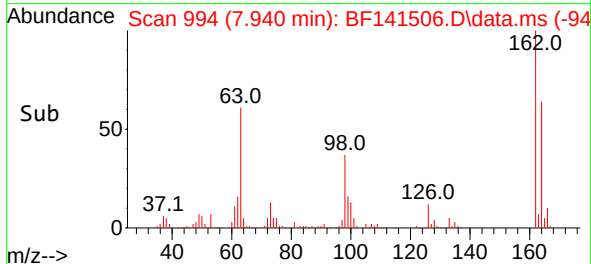
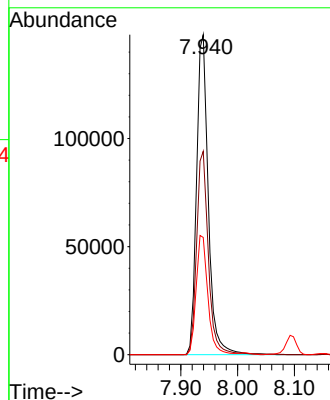
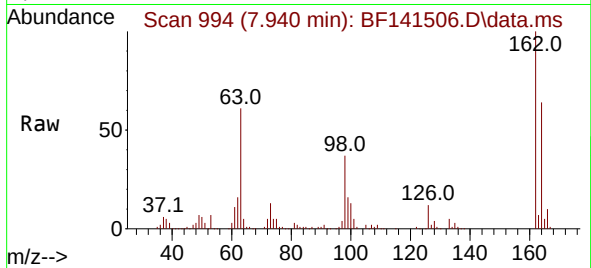
98 36.7 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.869 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

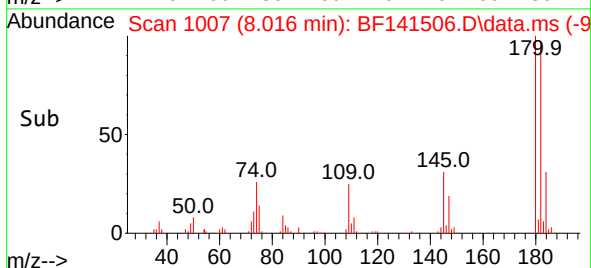
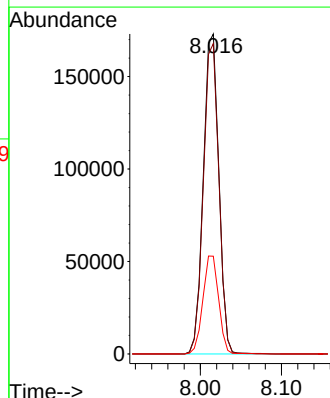
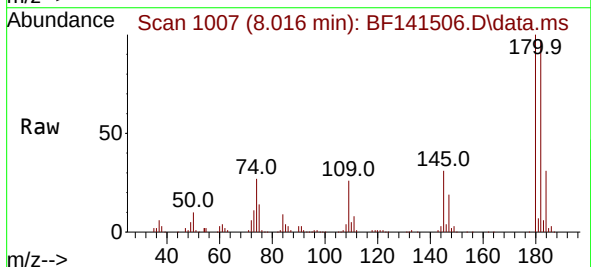
Tgt Ion:180 Resp: 229655

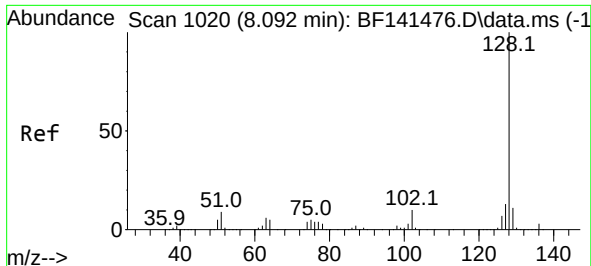
Ion Ratio Lower Upper

180 100

182 97.0 76.8 115.2

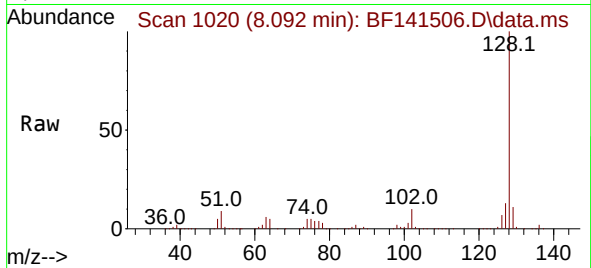
145 30.5 24.2 36.4





#31  
Naphthalene  
Concen: 39.968 ng  
RT: 8.092 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

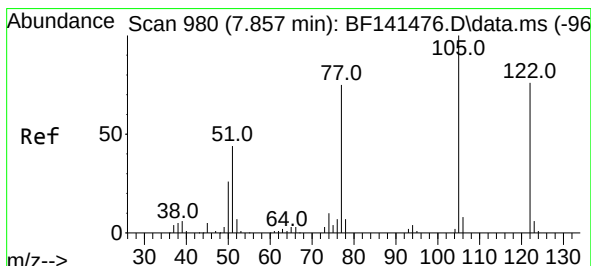
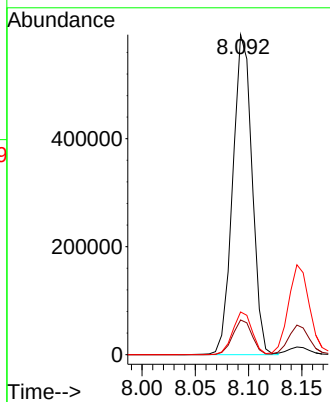
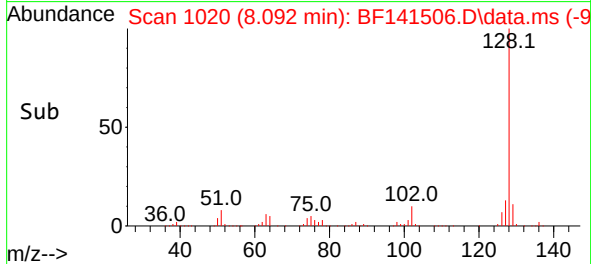
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 74958  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.4 10.7 16.1

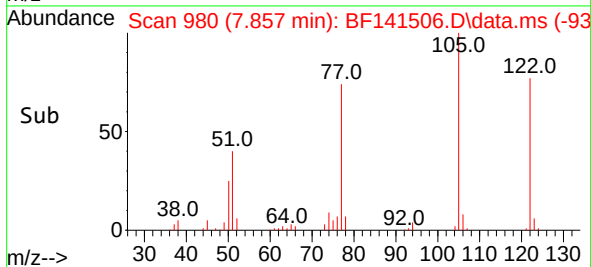
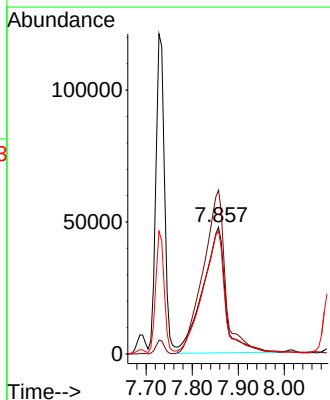
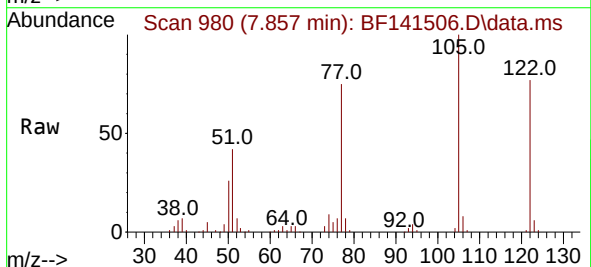
Manual Integrations  
APPROVED

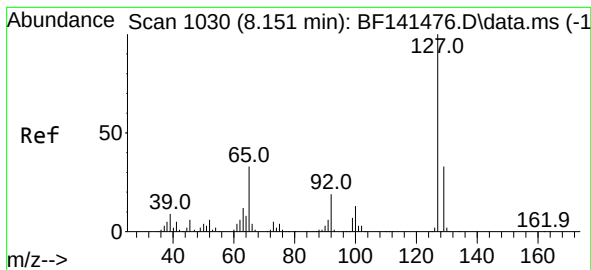
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#32  
Benzoic acid  
Concen: 40.092 ng  
RT: 7.857 min Scan# 980  
Delta R.T. -0.035 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion:122 Resp: 163033  
Ion Ratio Lower Upper  
122 100  
105 129.3 106.5 146.5  
77 97.1 76.3 116.3





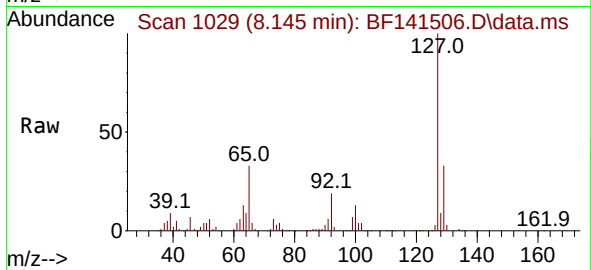
#33  
4-Chloroaniline  
Concen: 35.960 ng  
RT: 8.145 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

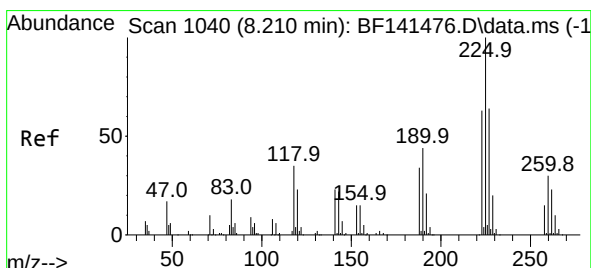
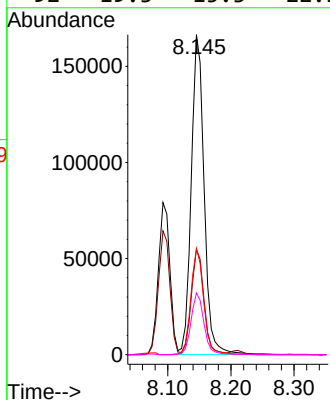
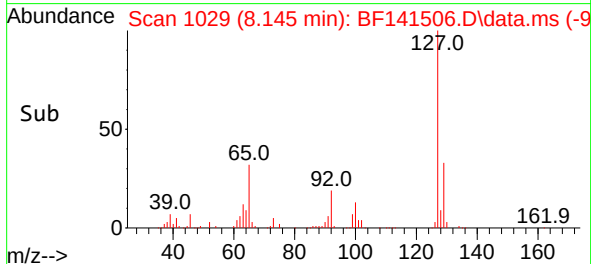


Tgt Ion:127 Resp: 23546  
Ion Ratio Lower Upper  
127 100  
129 32.9 26.5 39.7  
65 33.2 26.4 39.6  
92 19.3 15.3 22.9

Manual Integrations

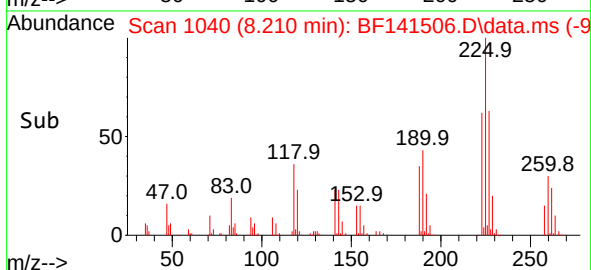
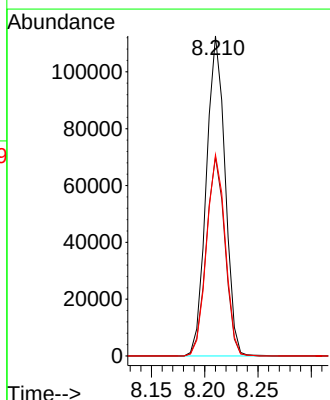
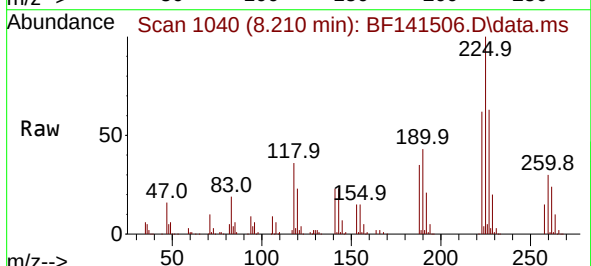
APPROVED

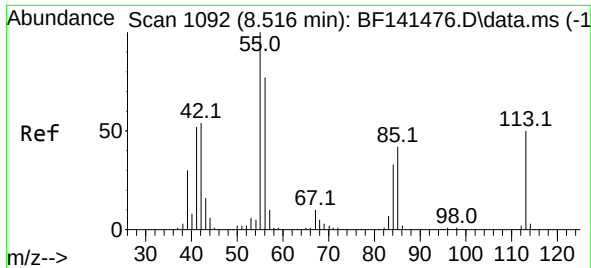
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#34  
Hexachlorobutadiene  
Concen: 39.845 ng  
RT: 8.210 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion:225 Resp: 137788  
Ion Ratio Lower Upper  
225 100  
223 62.2 50.1 75.1  
227 62.9 51.0 76.6





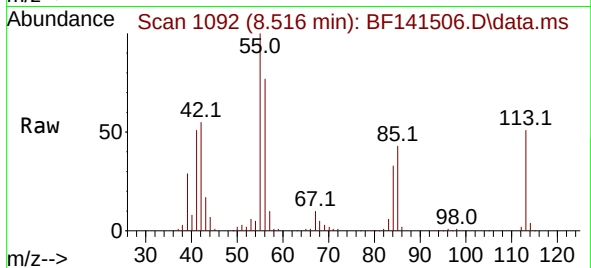
#35  
Caprolactam  
Concen: 41.746 ng  
RT: 8.516 min Scan# 1092  
Delta R.T. -0.029 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

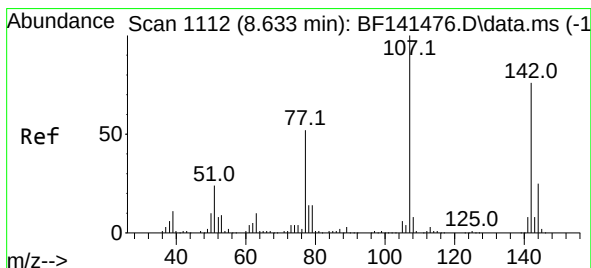
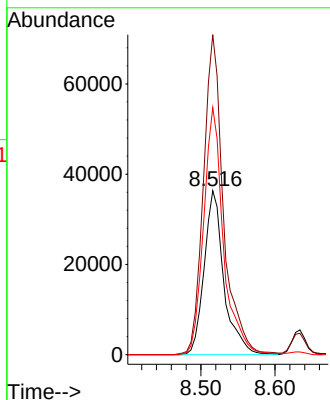
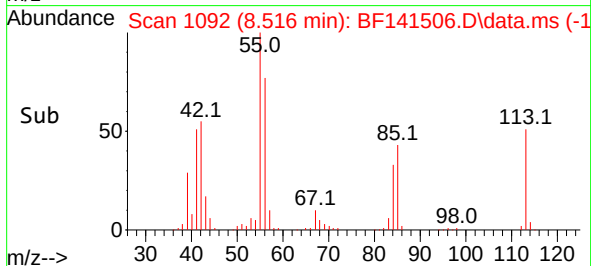


Tgt Ion:113 Resp: 6723  
Ion Ratio Lower Upper  
113 100  
55 195.1 180.8 220.8  
56 150.6 133.6 173.6

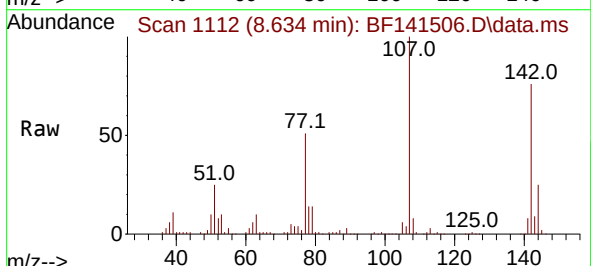
Manual Integrations

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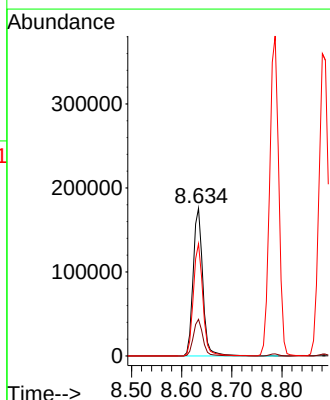
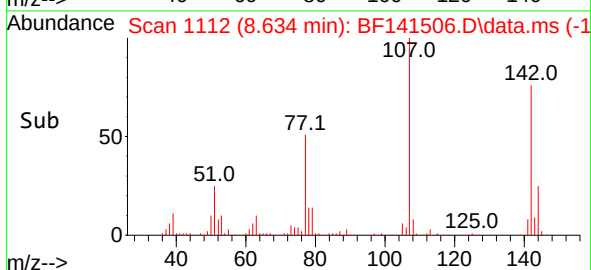
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

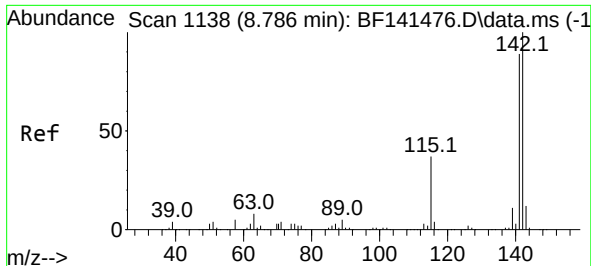


#36  
4-Chloro-3-methylphenol  
Concen: 40.105 ng  
RT: 8.634 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:107 Resp: 234989  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.7 29.5  
142 76.0 60.8 91.2





#37  
2-Methylnaphthalene  
Concen: 39.430 ng  
RT: 8.787 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

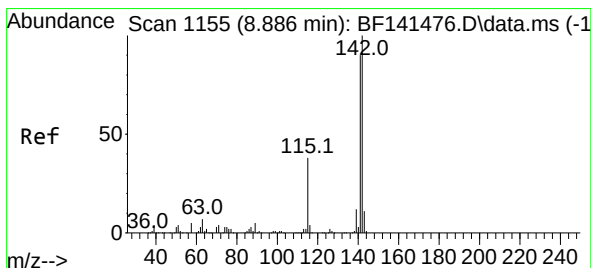
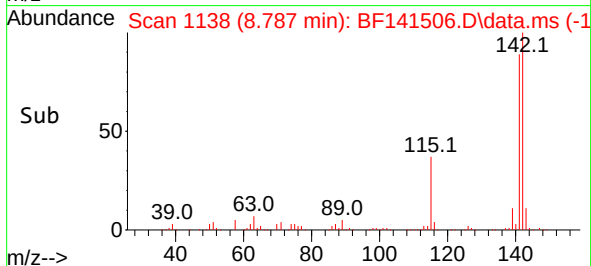
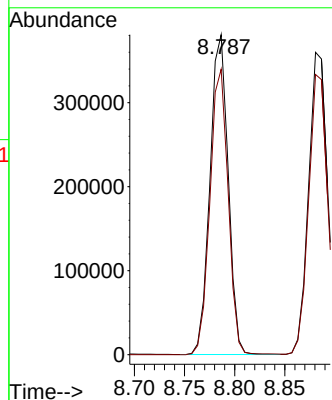
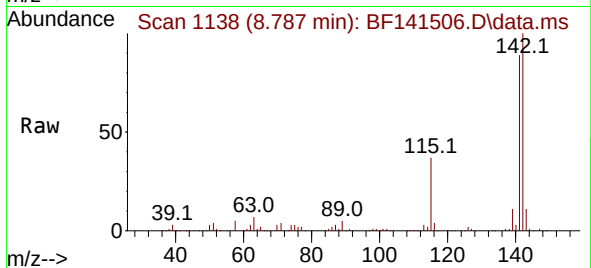
SSTDCCC040

Tgt Ion:142 Resp: 481204  
Ion Ratio Lower Upper  
142 100  
141 89.2 71.2 106.8

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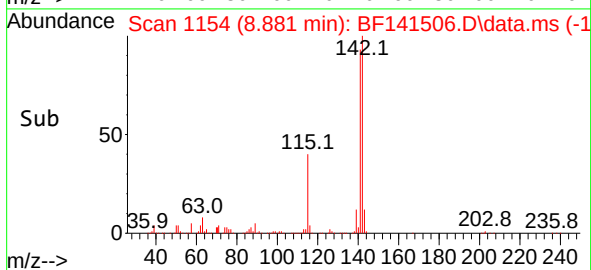
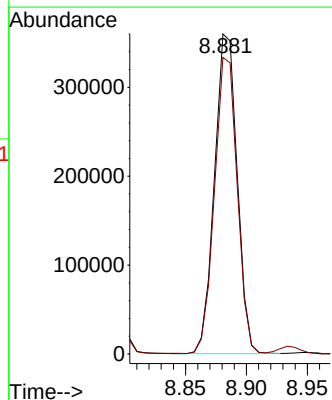
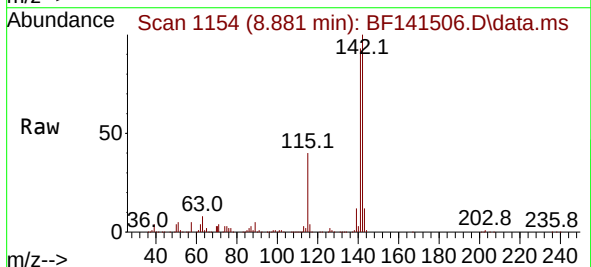
APPROVED

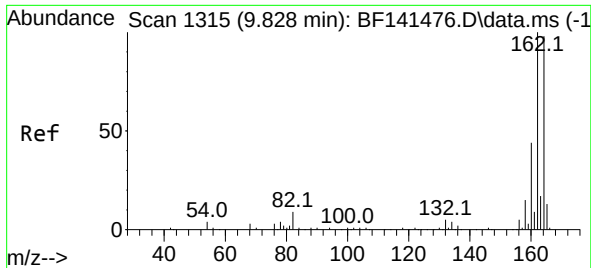
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#38  
1-Methylnaphthalene  
Concen: 39.416 ng  
RT: 8.881 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion:142 Resp: 465894  
Ion Ratio Lower Upper  
142 100  
141 92.6 72.1 108.1





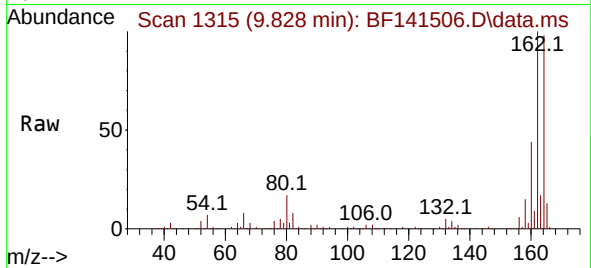
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 11315  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

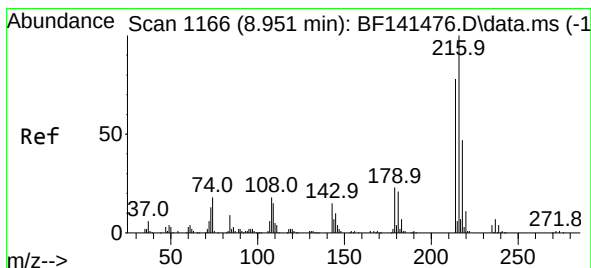
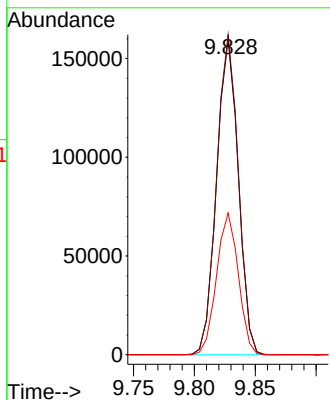
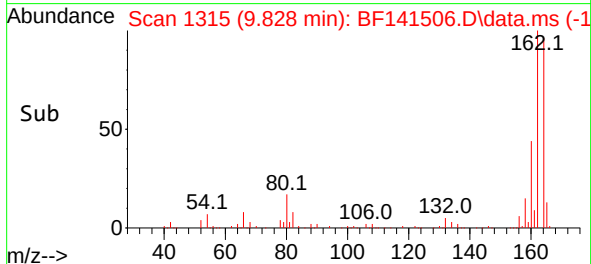


Tgt Ion:164 Resp: 198348  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.3 121.9  
160 45.0 35.9 53.9

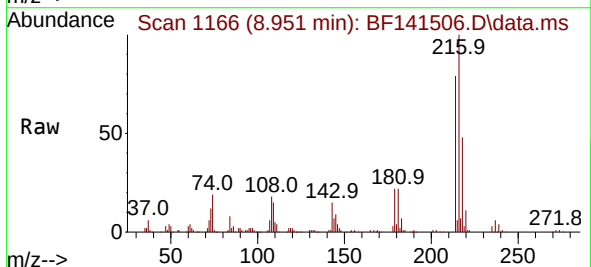
Manual Integrations

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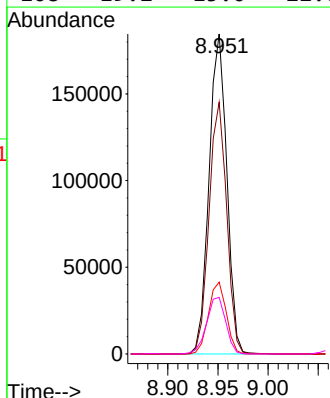
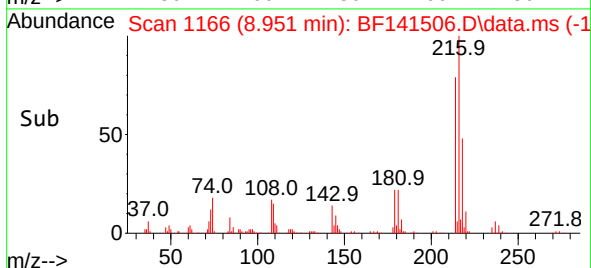
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

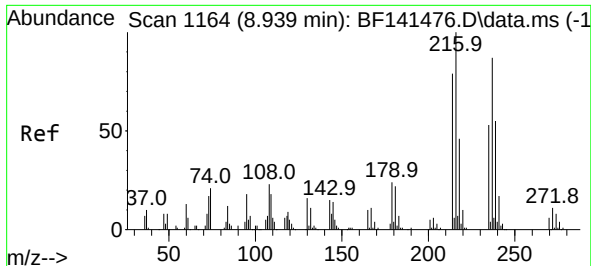


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.480 ng  
RT: 8.951 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



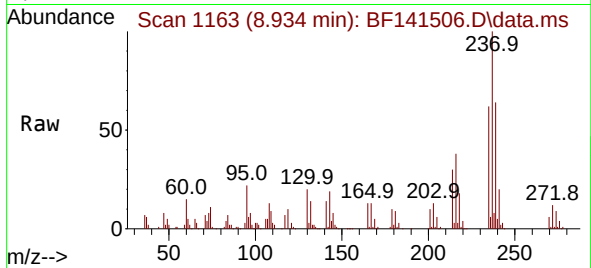
Tgt Ion:216 Resp: 226553  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.3 93.5  
179 22.6 18.0 27.0  
108 19.2 15.0 22.6





#41  
Hexachlorocyclopentadiene  
Concen: 40.055 ng  
RT: 8.934 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

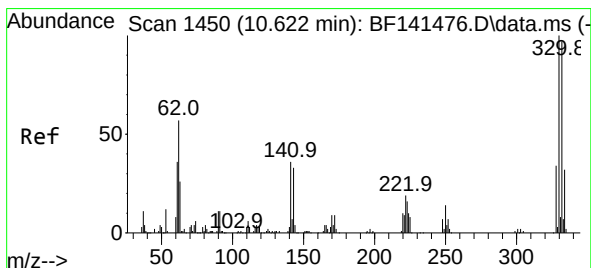
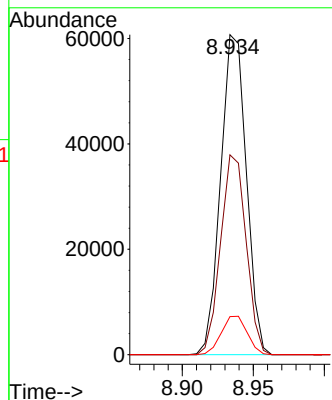
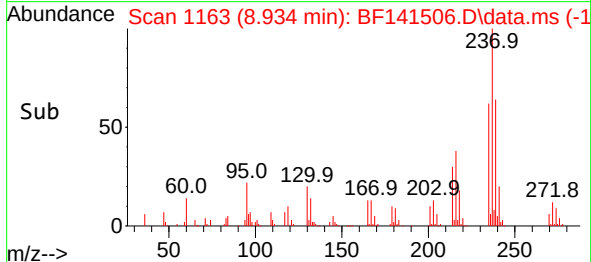
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



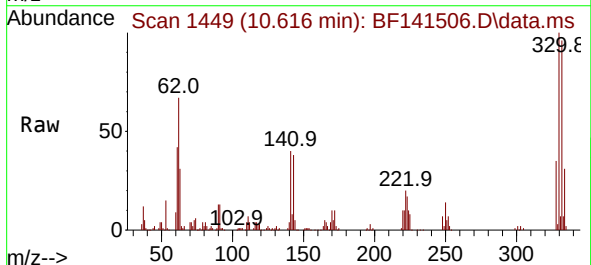
Tgt Ion:237 Resp: 7645  
Ion Ratio Lower Upper  
237 100  
235 62.5 41.4 81.4  
272 11.9 0.0 32.4

Manual Integrations  
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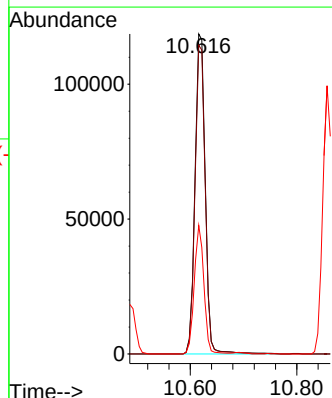
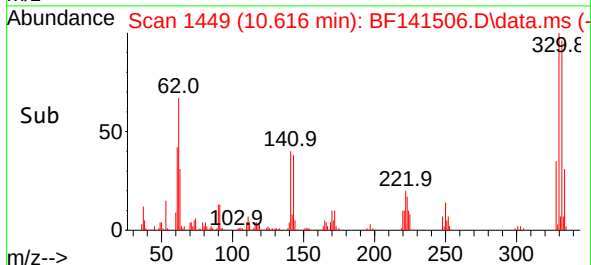
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



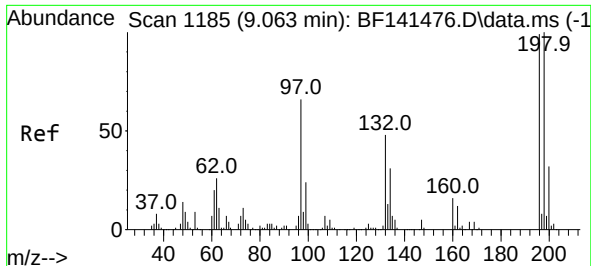
#42  
2,4,6-Tribromophenol  
Concen: 79.512 ng  
RT: 10.616 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:330 Resp: 158428  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.5 117.7  
141 37.9 31.0 46.4

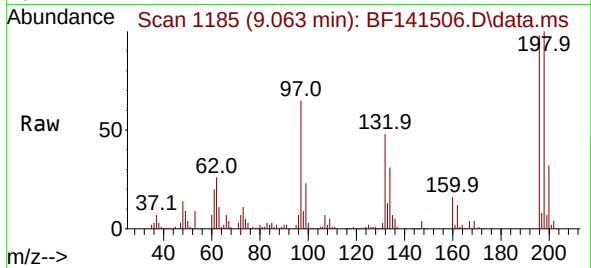






#43  
2,4,6-Trichlorophenol  
Concen: 39.310 ng  
RT: 9.063 min Scan# 1185  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

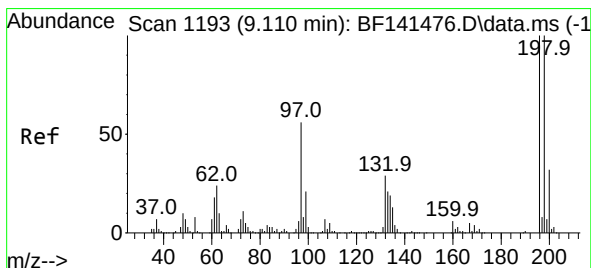
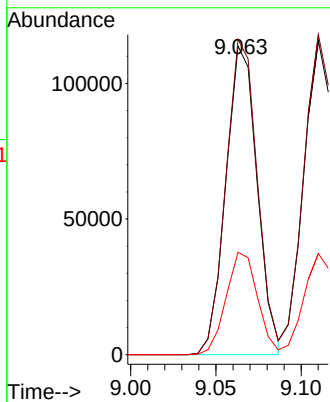
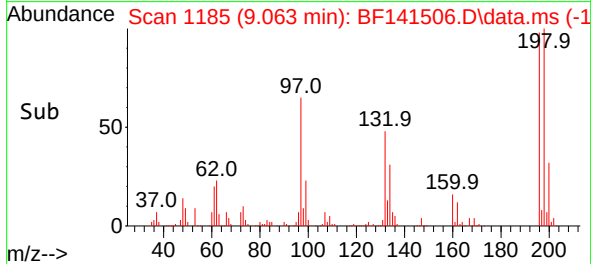
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



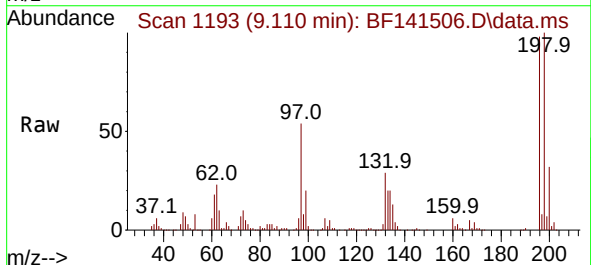
Tgt Ion:196 Resp: 145794  
Ion Ratio Lower Upper  
196 100  
198 102.2 80.6 121.0  
200 33.2 25.5 38.3

Manual Integrations  
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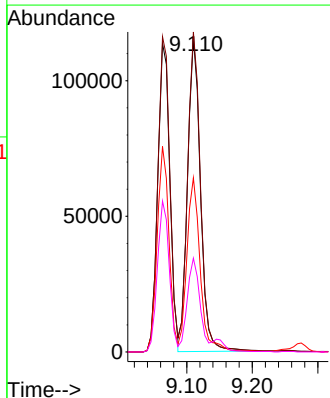
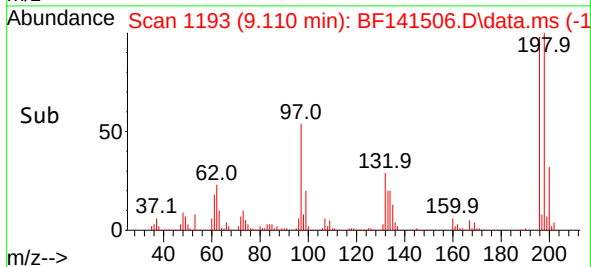
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

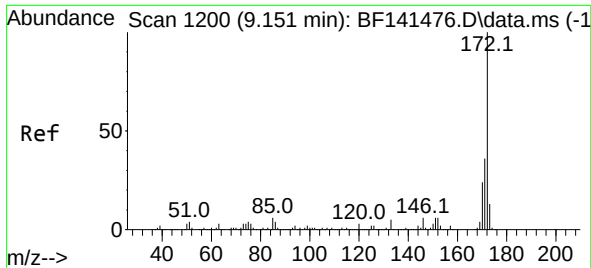


#44  
2,4,5-Trichlorophenol  
Concen: 39.352 ng  
RT: 9.110 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:196 Resp: 158176  
Ion Ratio Lower Upper  
196 100  
198 102.0 79.8 119.8  
97 55.4 44.8 67.2  
132 29.9 23.9 35.9





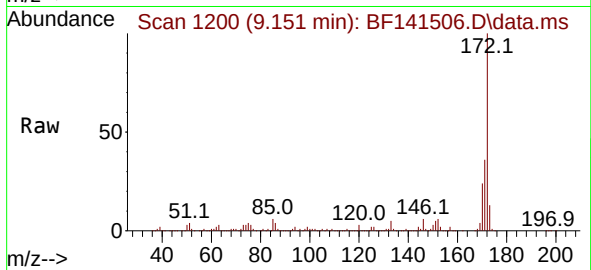
#45  
2-Fluorobiphenyl  
Concen: 78.150 ng  
RT: 9.151 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

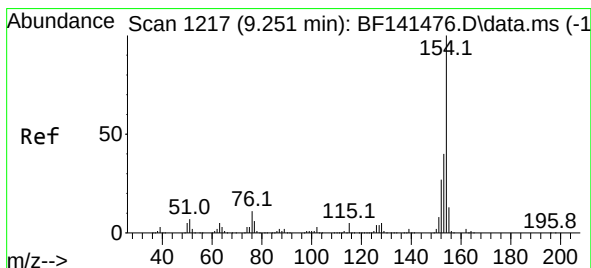
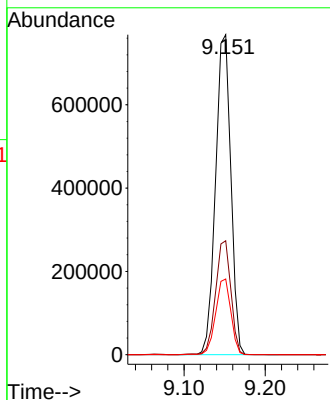
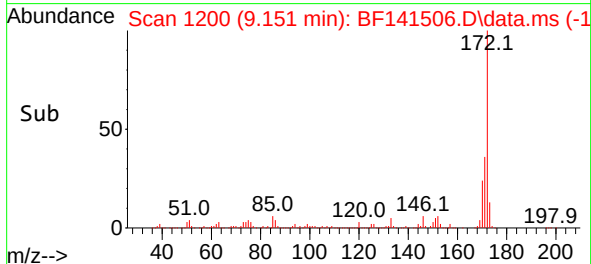


Tgt Ion:172 Resp: 1006130  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.7 43.1  
170 23.7 18.9 28.3

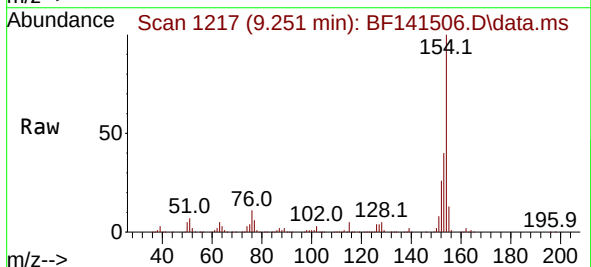
Manual Integrations

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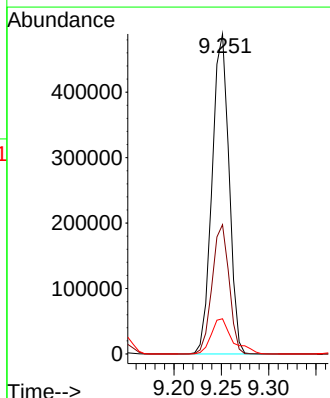
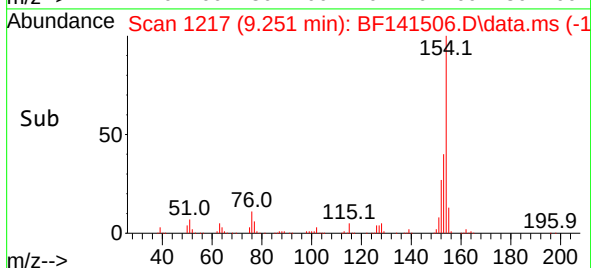
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

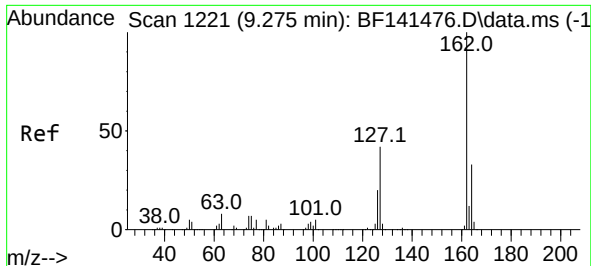


#46  
1,1'-Biphenyl  
Concen: 39.417 ng  
RT: 9.251 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



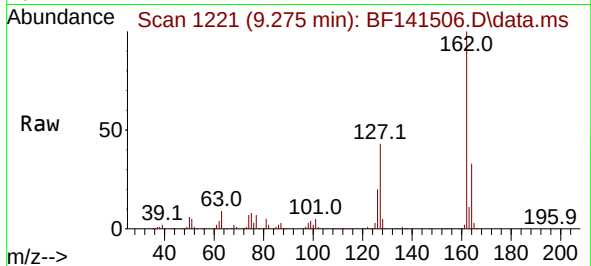
Tgt Ion:154 Resp: 606143  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.4 60.4  
76 11.0 0.0 30.8





#47  
2-Chloronaphthalene  
Concen: 39.485 ng  
RT: 9.275 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

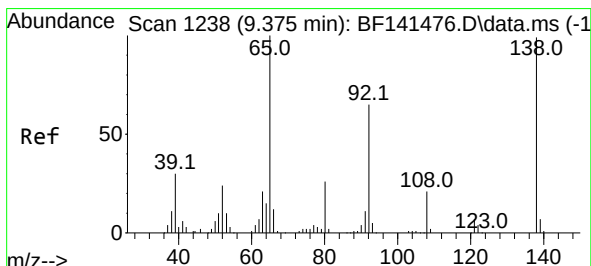
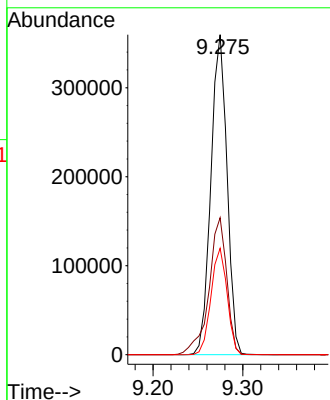
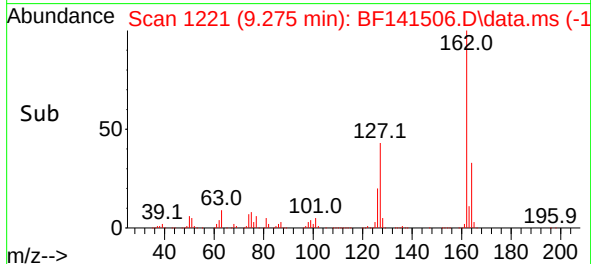
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 448999  
Ion Ratio Lower Upper  
162 100  
127 42.8 34.1 51.1  
164 33.2 26.3 39.5

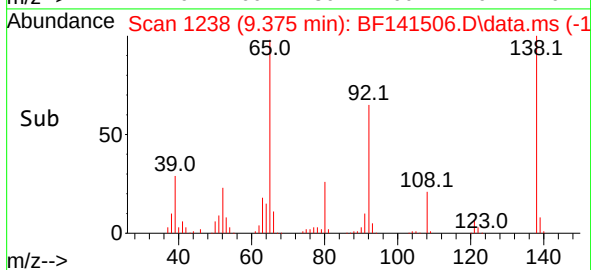
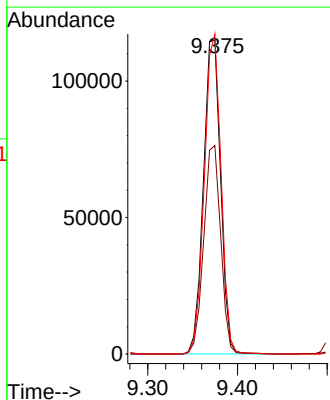
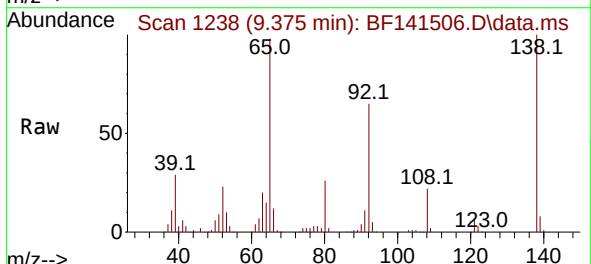
Manual Integrations  
APPROVED

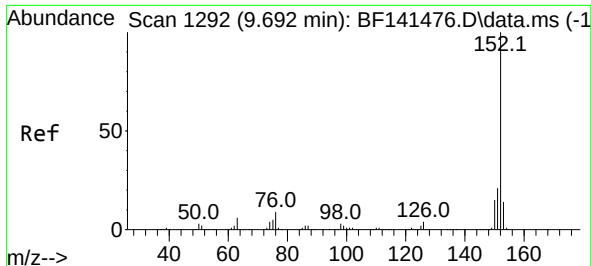
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#48  
2-Nitroaniline  
Concen: 40.054 ng  
RT: 9.375 min Scan# 1238  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

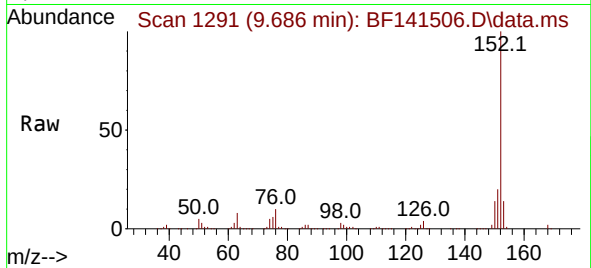
Tgt Ion: 65 Resp: 152856  
Ion Ratio Lower Upper  
65 100  
92 66.4 52.2 78.2  
138 101.9 79.5 119.3





#49  
Acenaphthylene  
Concen: 39.800 ng  
RT: 9.686 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

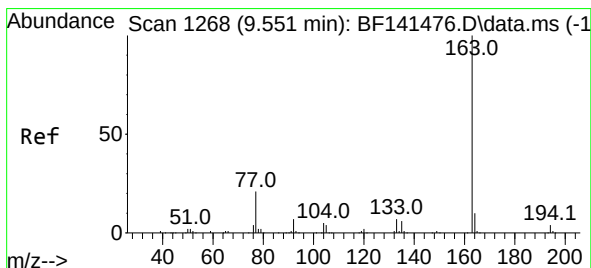
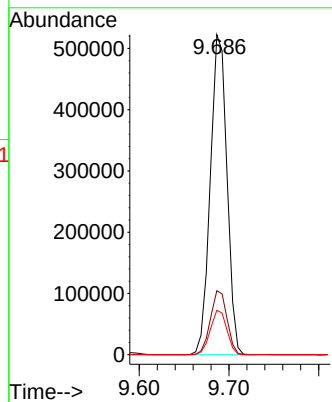
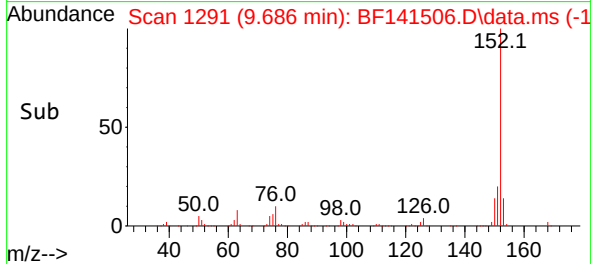
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



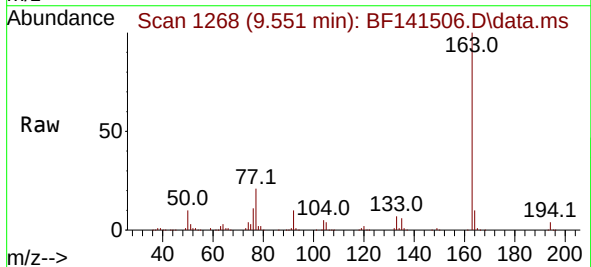
Tgt Ion:152 Resp: 67315  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.4 24.6  
153 13.9 10.9 16.3

Manual Integrations  
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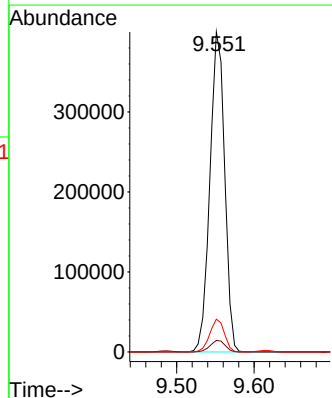
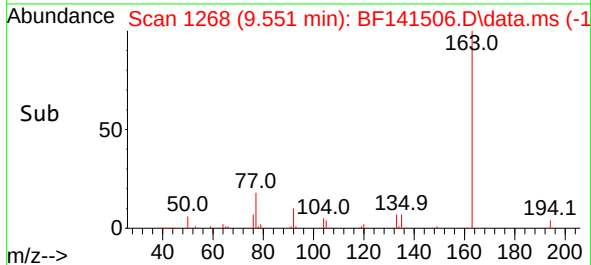
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

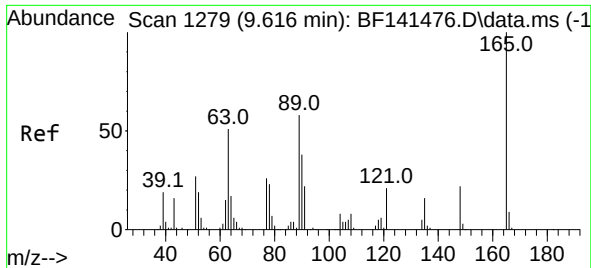


#50  
Dimethylphthalate  
Concen: 39.426 ng  
RT: 9.551 min Scan# 1268  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:163 Resp: 530887  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.3 7.9 11.9





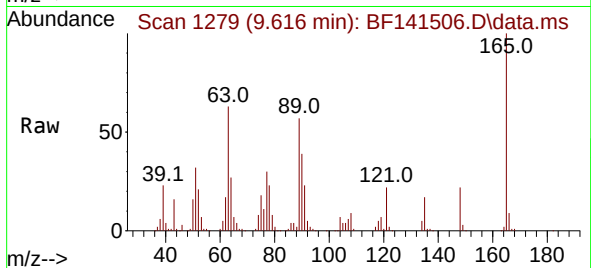
#51  
2,6-Dinitrotoluene  
Concen: 39.701 ng  
RT: 9.616 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

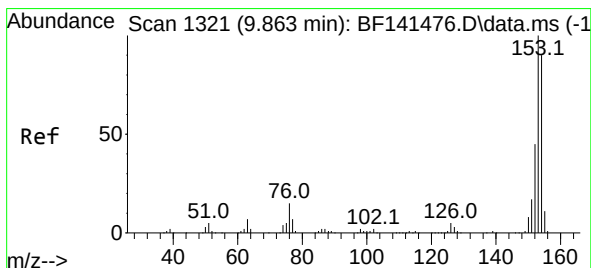
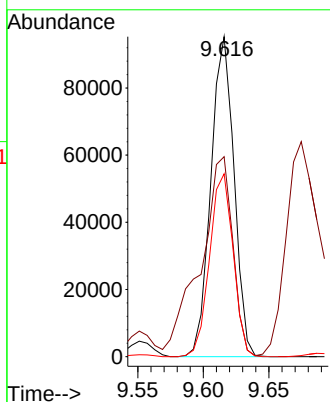
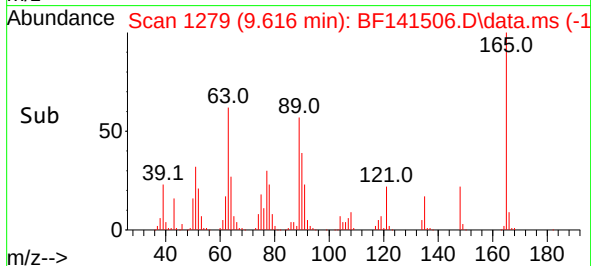


Tgt Ion:165 Resp: 11686  
Ion Ratio Lower Upper  
165 100  
63 62.5 49.4 74.0  
89 57.2 46.5 69.7

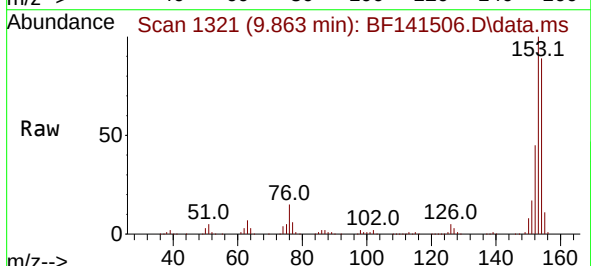
Manual Integrations

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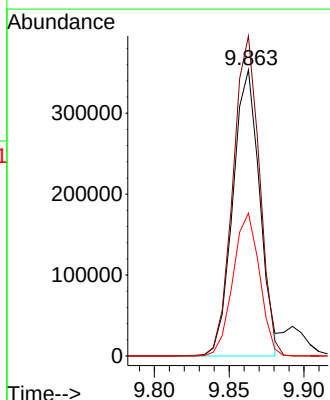
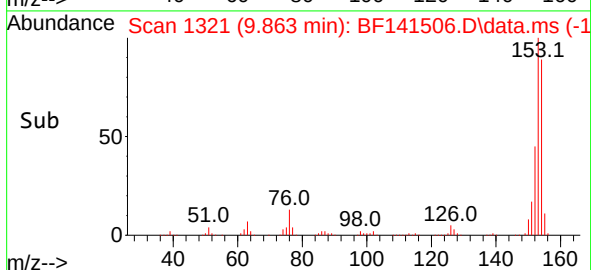
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

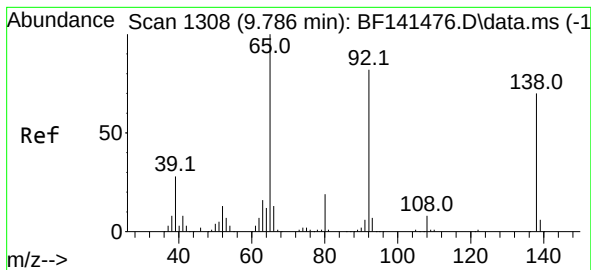


#52  
Acenaphthene  
Concen: 38.936 ng m  
RT: 9.863 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:154 Resp: 442729  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.2 133.8  
152 50.0 39.8 59.8





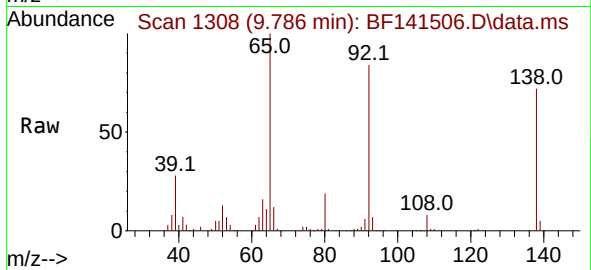
#53  
3-Nitroaniline  
Concen: 39.406 ng  
RT: 9.786 min Scan# 1308  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

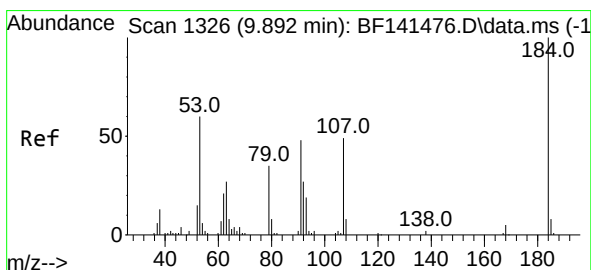
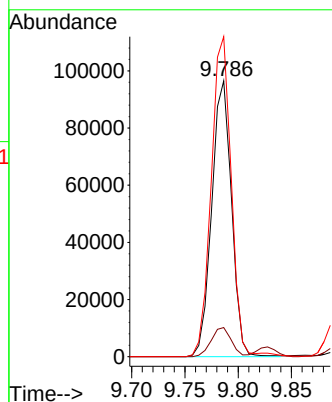
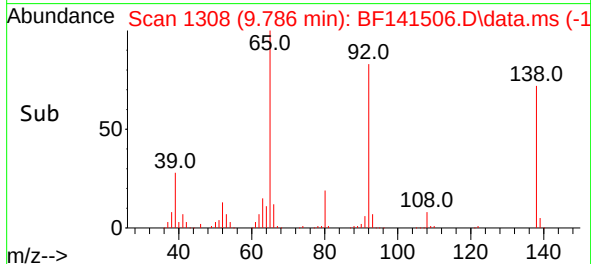


Tgt Ion:138 Resp: 124840  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.0 13.4  
92 116.0 93.7 140.5

Manual Integrations

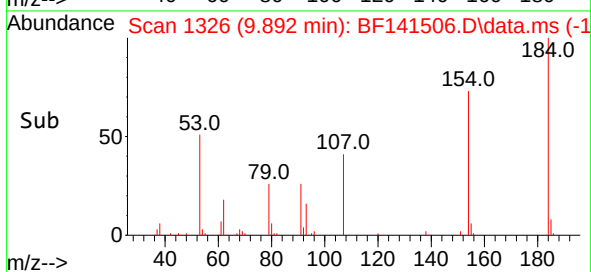
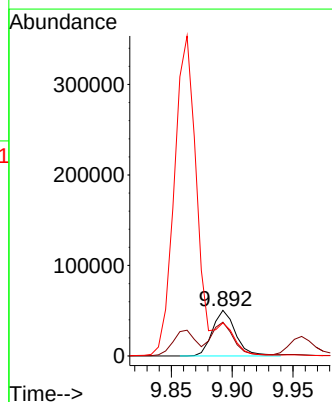
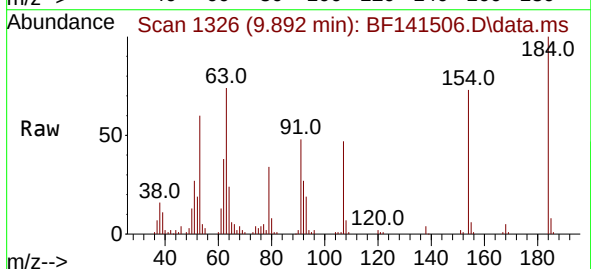
APPROVED

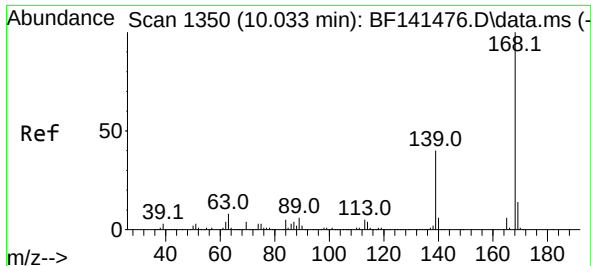
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#54  
2,4-Dinitrophenol  
Concen: 38.328 ng  
RT: 9.892 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

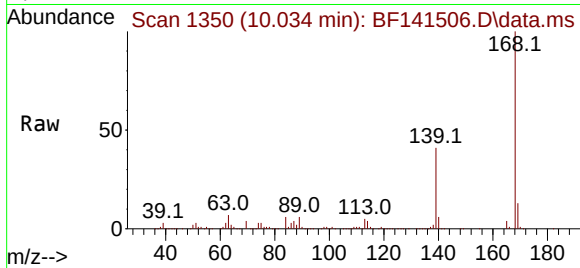
Tgt Ion:184 Resp: 67053  
Ion Ratio Lower Upper  
184 100  
63 74.1 61.0 91.6  
154 72.8 59.9 89.9





#55  
Dibenzofuran  
Concen: 39.347 ng  
RT: 10.034 min Scan# 1350  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

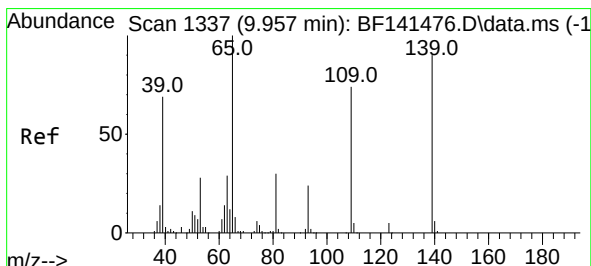
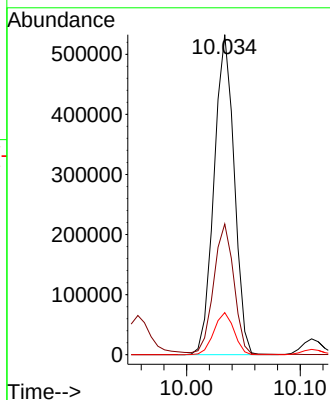
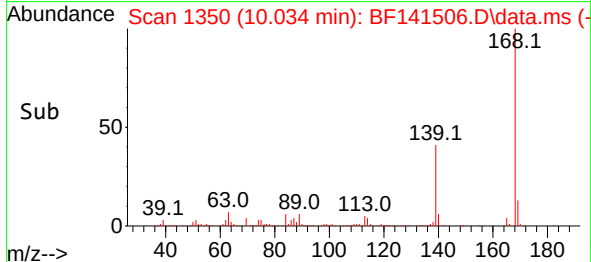
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 656711  
Ion Ratio Lower Upper  
168 100  
139 40.9 32.7 49.1  
169 13.1 10.8 16.2

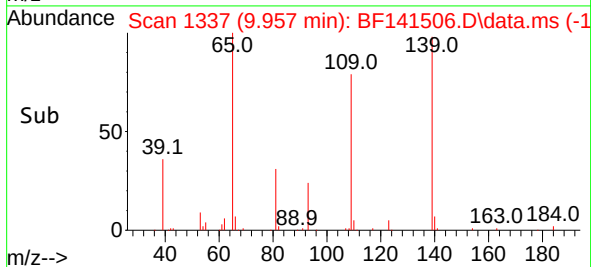
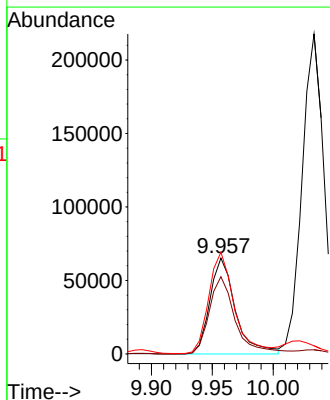
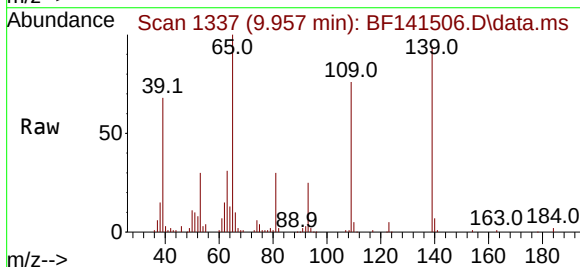
Manual Integrations  
APPROVED

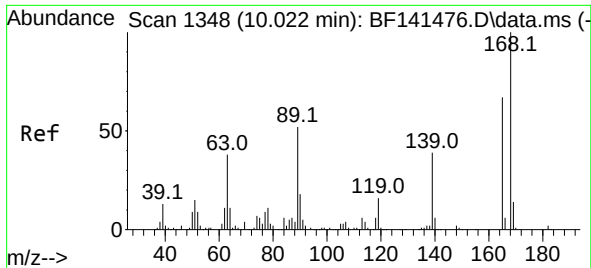
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#56  
4-Nitrophenol  
Concen: 40.524 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion:139 Resp: 95307  
Ion Ratio Lower Upper  
139 100  
109 80.7 62.0 102.0  
65 106.1 91.2 131.2





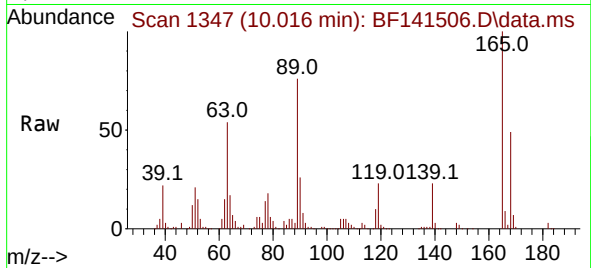
#57  
2,4-Dinitrotoluene  
Concen: 40.483 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

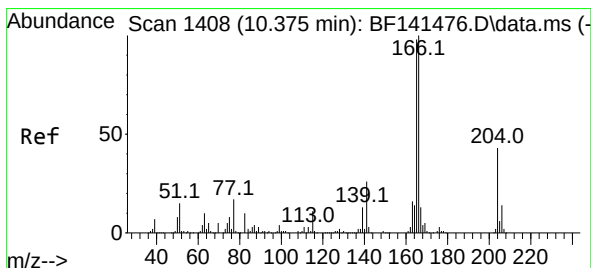
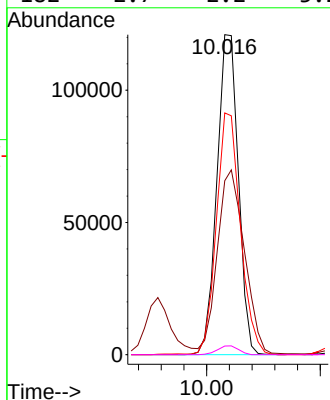
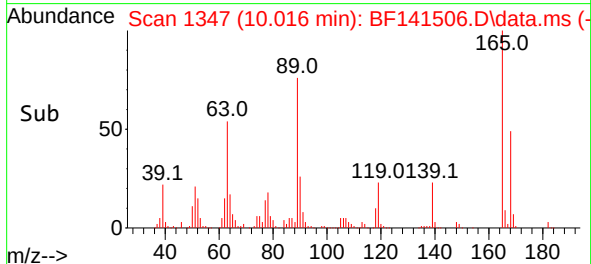


Tgt Ion:165 Resp: 15864  
Ion Ratio Lower Upper  
165 100  
63 54.3 46.4 69.6  
89 75.5 61.8 92.6  
182 2.7 2.2 3.2

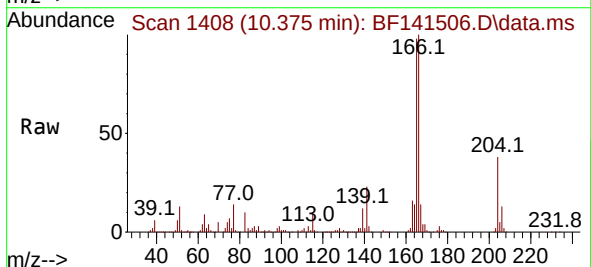
Manual Integrations

APPROVED

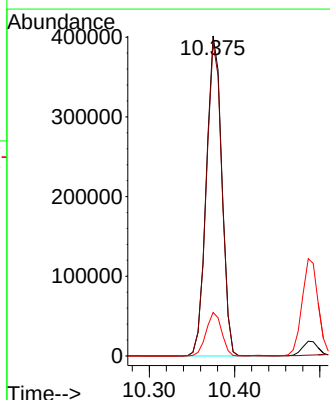
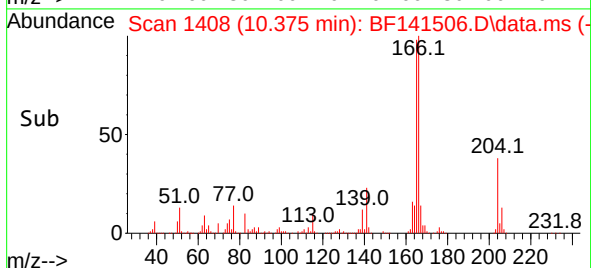
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



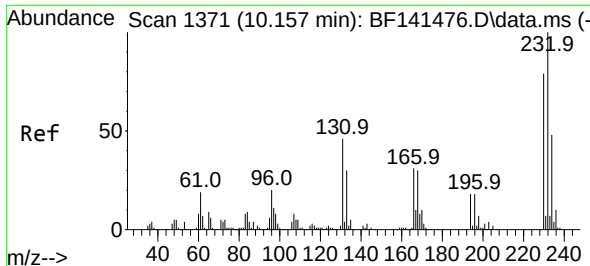
#58  
Fluorene  
Concen: 39.298 ng  
RT: 10.375 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:166 Resp: 507132  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.2 117.2  
167 13.6 10.7 16.1

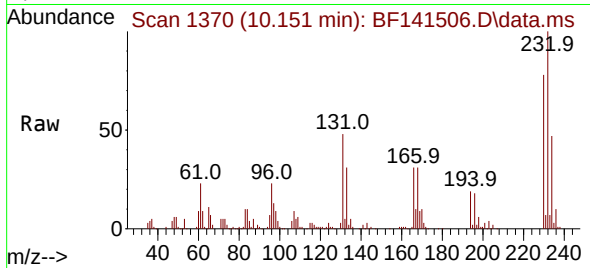






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.668 ng  
RT: 10.151 min Scan# 1370  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

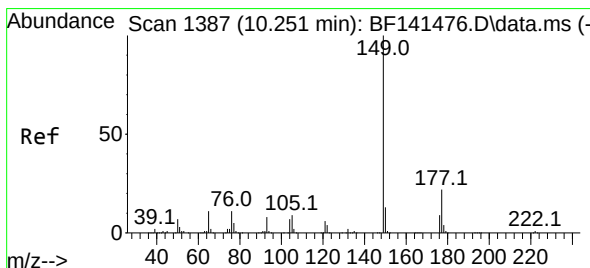
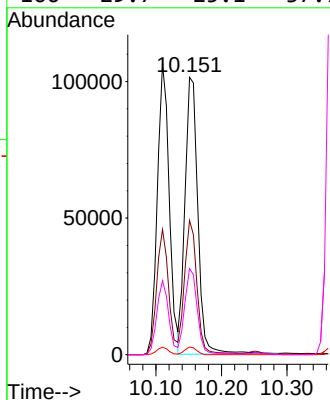
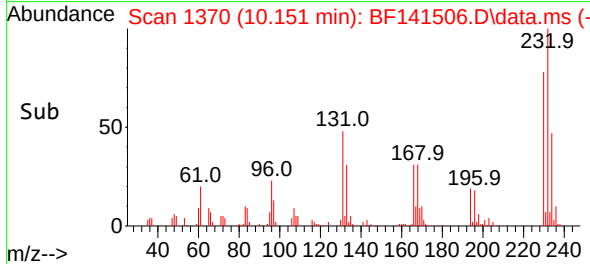
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



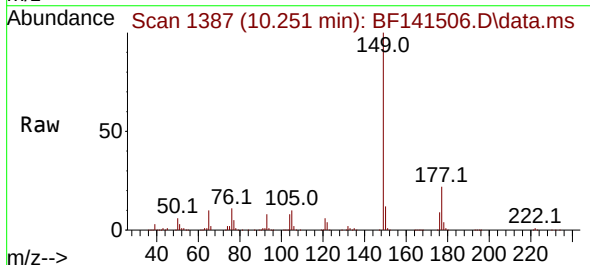
Tgt Ion:232 Resp: 137272  
Ion Ratio Lower Upper  
232 100  
131 46.6 39.2 58.8  
130 2.5 2.1 3.1  
166 29.7 25.1 37.7

Manual Integrations  
APPROVED

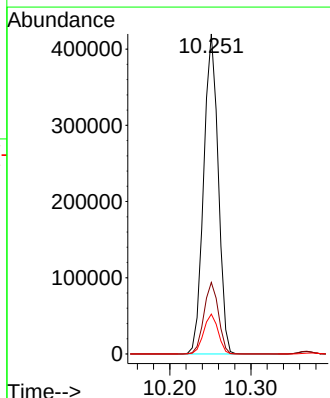
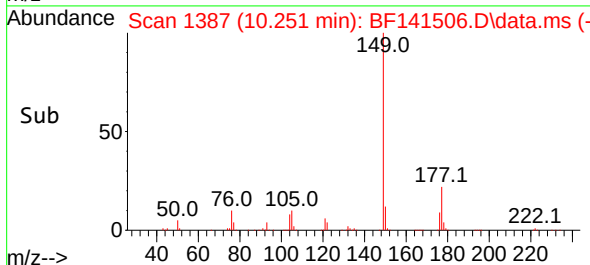
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

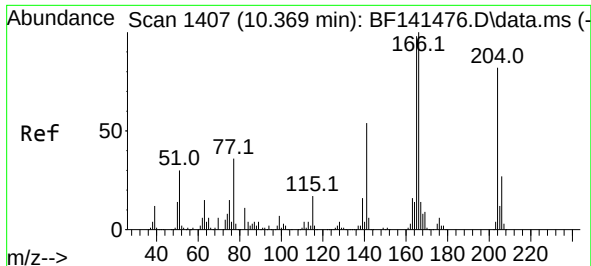


#60  
Diethylphthalate  
Concen: 39.320 ng  
RT: 10.251 min Scan# 1387  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:149 Resp: 520921  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.8 26.6  
150 12.5 10.1 15.1





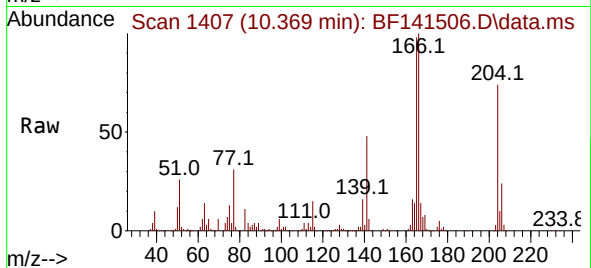
#61  
4-Chlorophenyl-phenylether  
Concen: 39.371 ng  
RT: 10.369 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

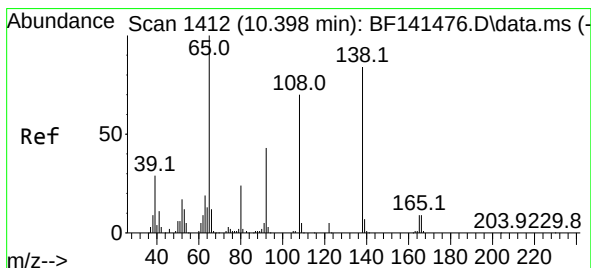
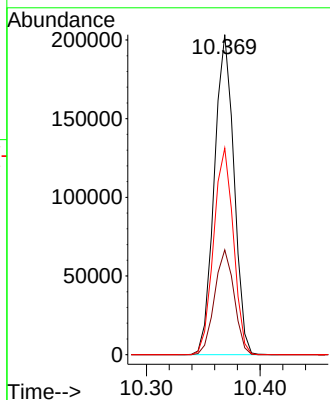
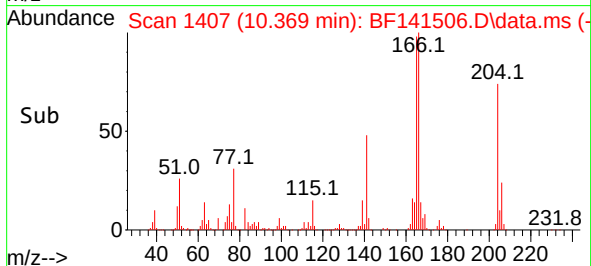
SSTDCCC040



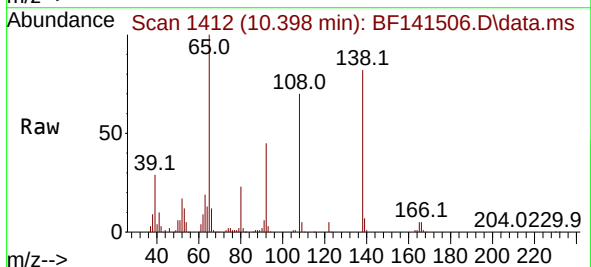
Tgt Ion:204 Resp: 24443  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 40.0  
141 64.5 51.9 77.9

Manual Integrations  
APPROVED

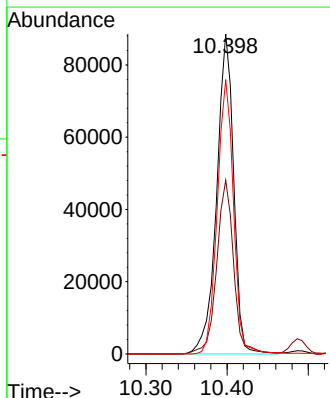
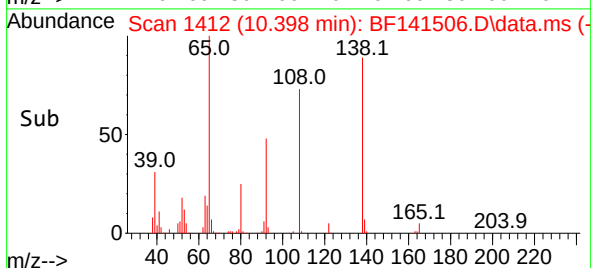
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

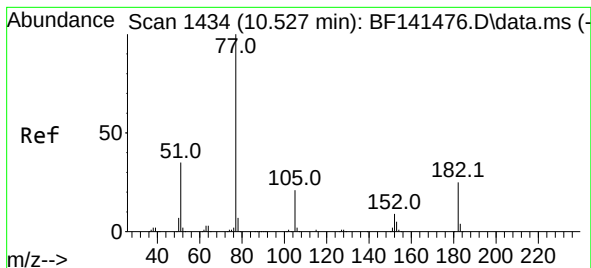


#62  
4-Nitroaniline  
Concen: 40.203 ng  
RT: 10.398 min Scan# 1412  
Delta R.T. -0.017 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



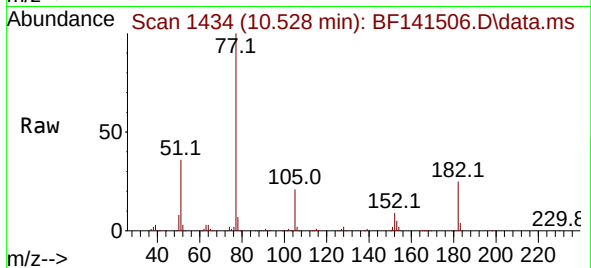
Tgt Ion:138 Resp: 129336  
Ion Ratio Lower Upper  
138 100  
92 54.3 31.3 71.3  
108 85.7 63.7 103.7





#63  
Azobenzene  
Concen: 39.181 ng  
RT: 10.528 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

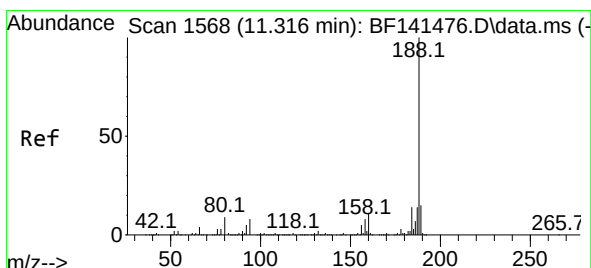
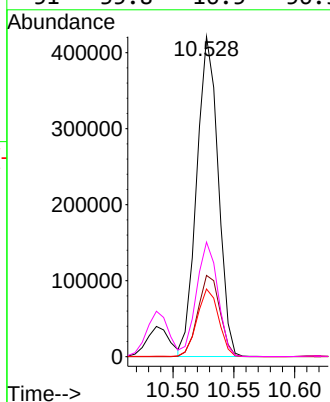
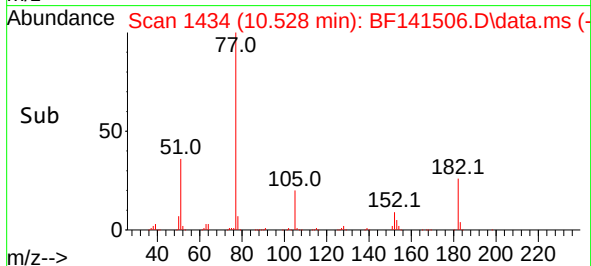
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



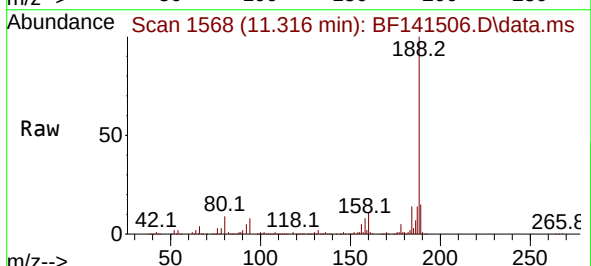
Tgt Ion: 77 Resp: 516030  
Ion Ratio Lower Upper  
77 100  
182 25.4 4.7 44.7  
105 21.1 0.4 40.4  
51 35.8 16.5 56.5

Manual Integrations  
APPROVED

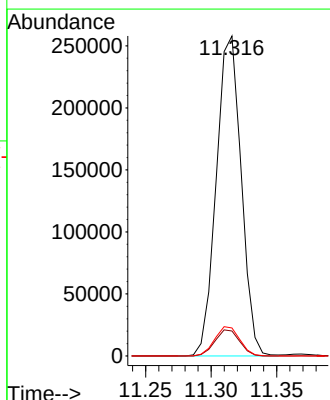
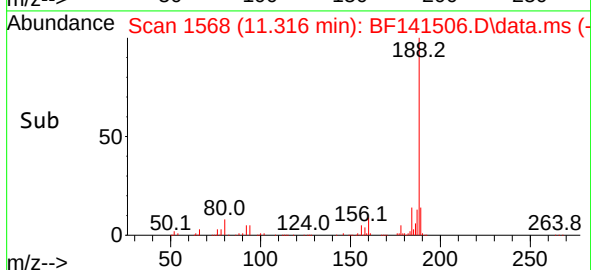
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

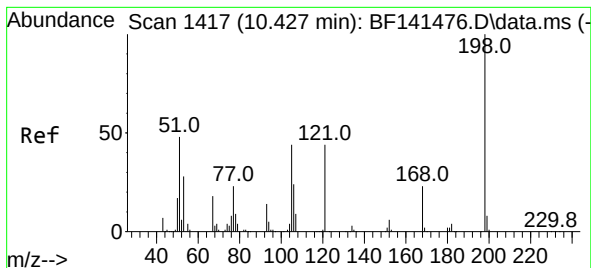


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:188 Resp: 340922  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.6 10.0  
80 8.7 7.3 10.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.992 ng  
RT: 10.428 min Scan# 1417  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

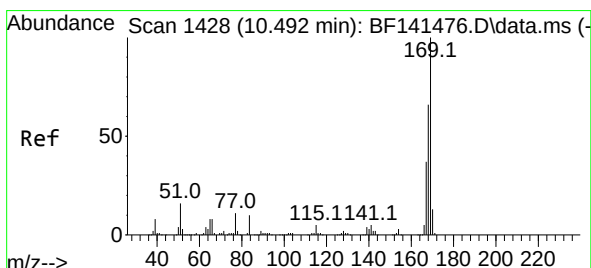
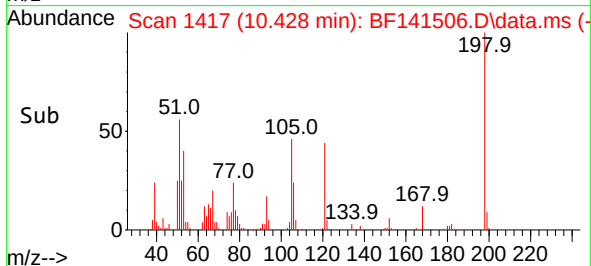
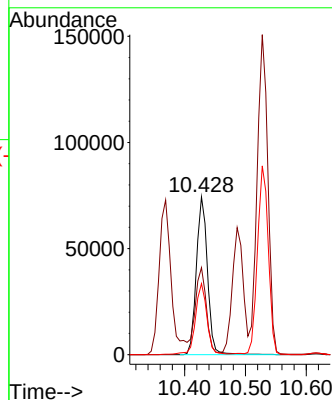
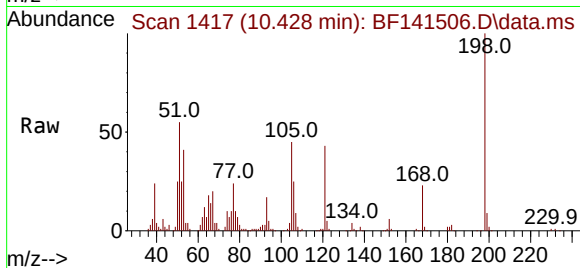
SSTDCCC040

Tgt Ion:198 Resp: 94709  
Ion Ratio Lower Upper  
198 100  
51 55.2 37.4 77.4  
105 45.0 25.2 65.2

Manual Integrations

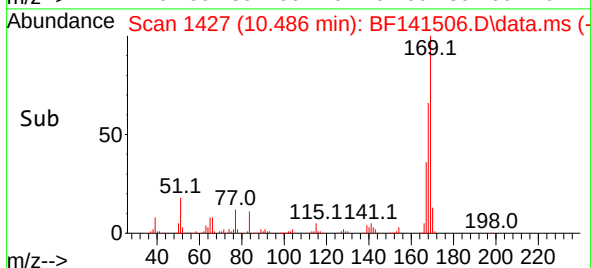
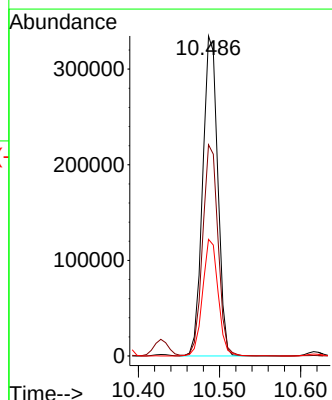
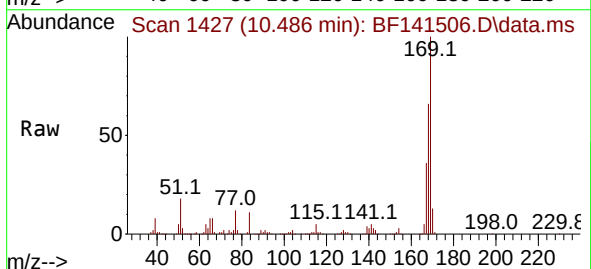
APPROVED

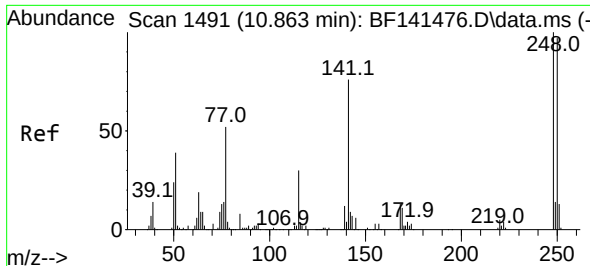
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#66  
n-Nitrosodiphenylamine  
Concen: 39.446 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

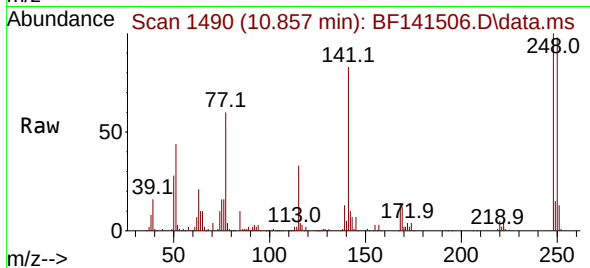
Tgt Ion:169 Resp: 430480  
Ion Ratio Lower Upper  
169 100  
168 66.0 53.3 79.9  
167 36.5 29.4 44.2





#67  
4-Bromophenyl-phenylether  
Concen: 38.862 ng  
RT: 10.857 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

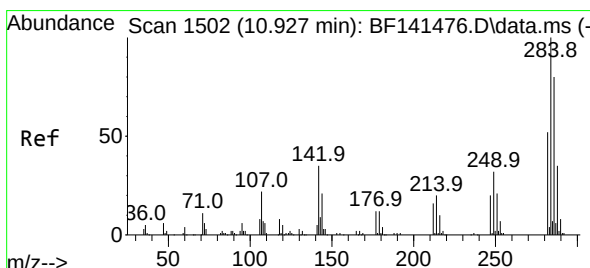
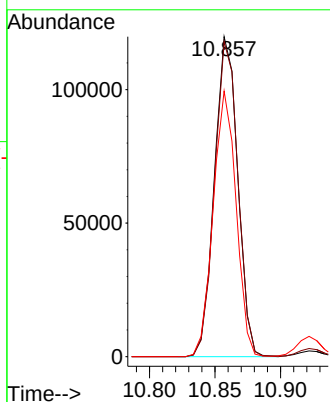
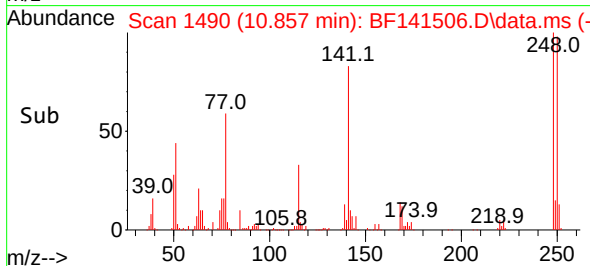
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



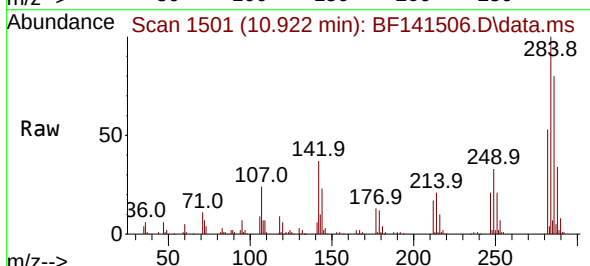
Tgt Ion:248 Resp: 148075  
Ion Ratio Lower Upper  
248 100  
250 98.5 77.8 116.6  
141 83.0 60.6 90.8

Manual Integrations  
APPROVED

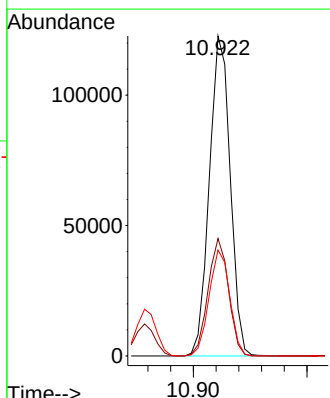
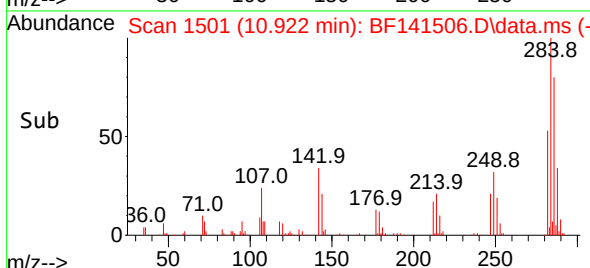
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

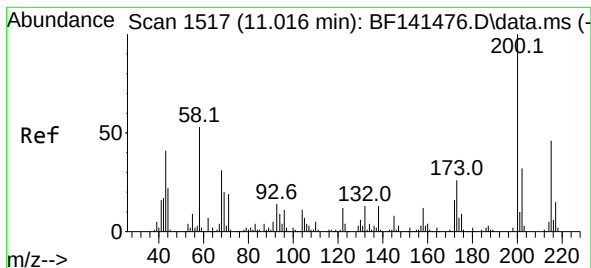


#68  
Hexachlorobenzene  
Concen: 39.865 ng  
RT: 10.922 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:284 Resp: 156412  
Ion Ratio Lower Upper  
284 100  
142 36.7 28.0 42.0  
249 33.1 25.8 38.8





#69

Atrazine

Concen: 37.952 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

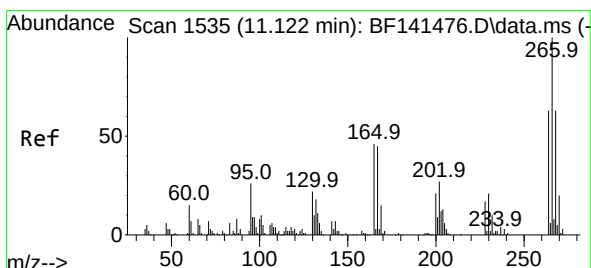
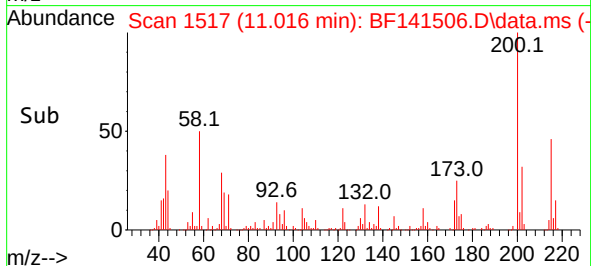
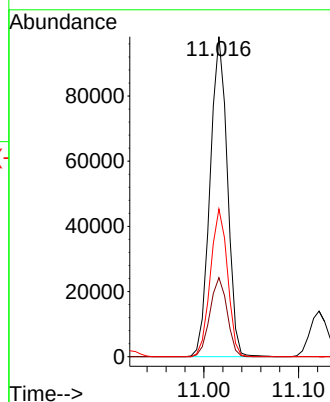
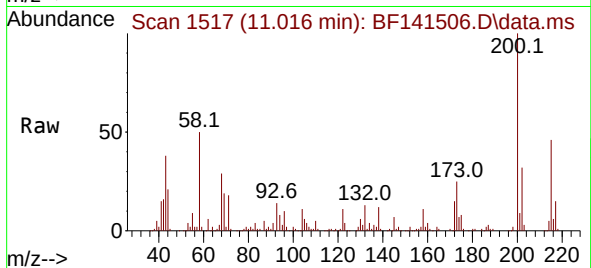
SSTDCCC040

Tgt Ion:200 Resp: 124258  
 Ion Ratio Lower Upper  
 200 100  
 173 24.7 5.9 45.9  
 215 46.2 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025  
 Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 39.932 ng

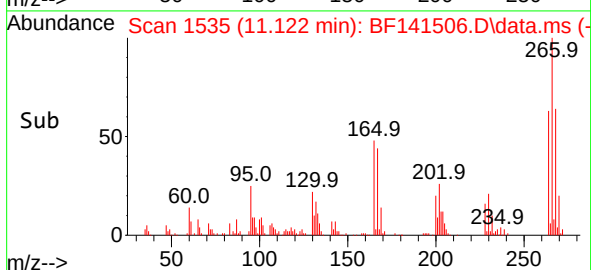
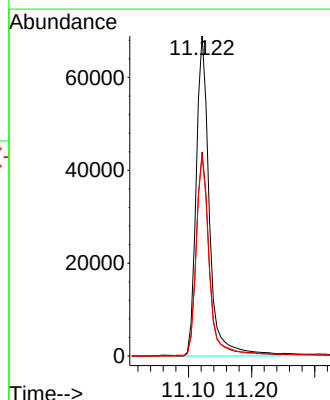
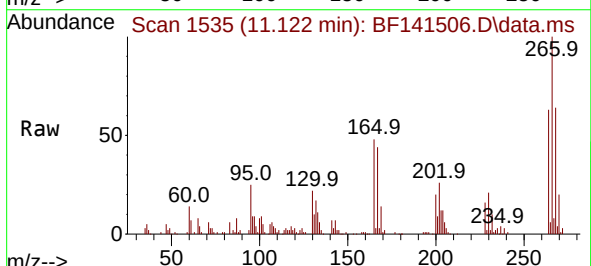
RT: 11.122 min Scan# 1535

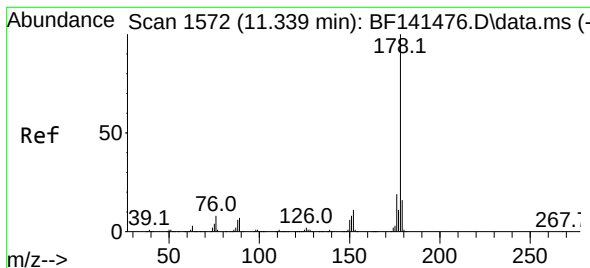
Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

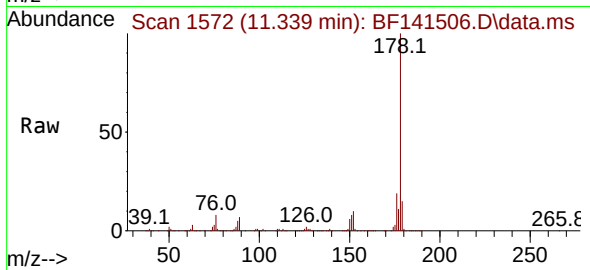
Tgt Ion:266 Resp: 100181  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 50.1 75.1  
 264 62.7 50.1 75.1





#71  
Phenanthrene  
Concen: 39.319 ng  
RT: 11.339 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

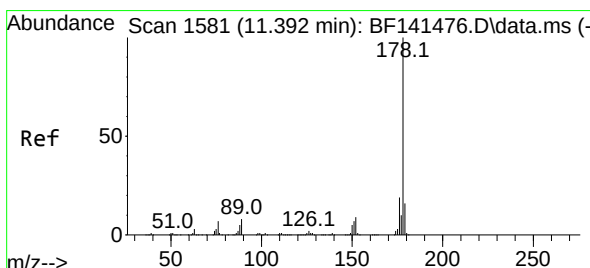
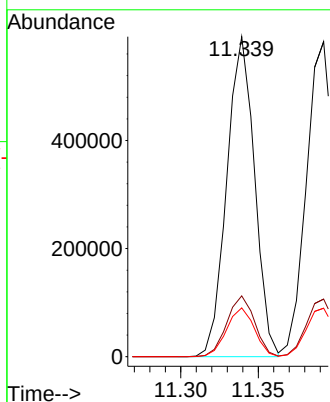
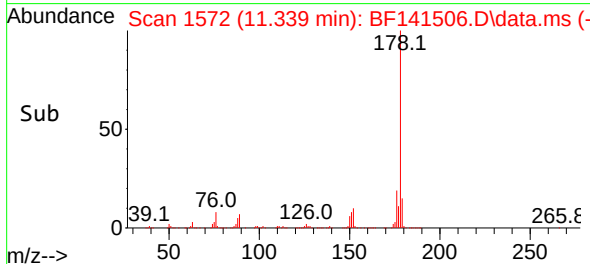
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 737878  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 15.3 12.4 18.6

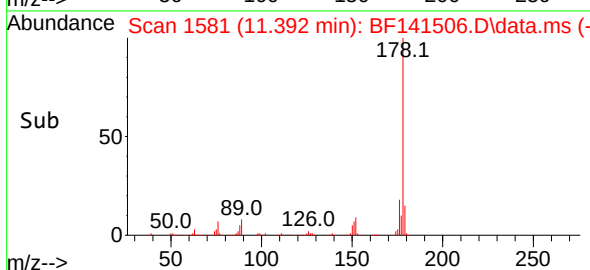
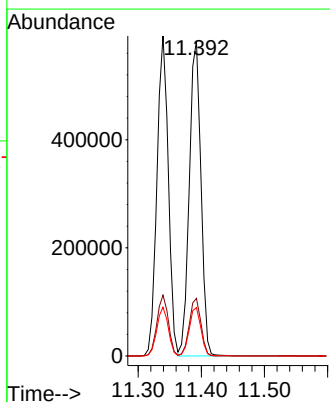
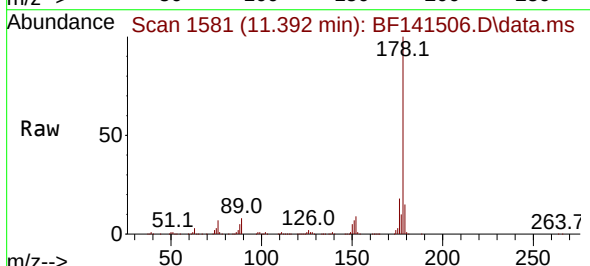
Manual Integrations  
APPROVED

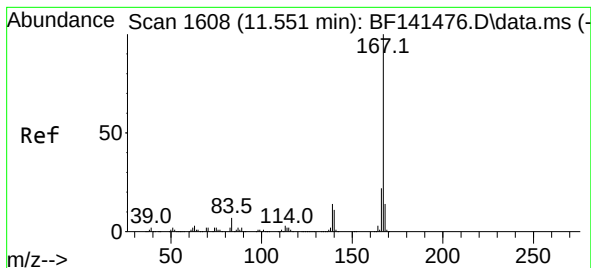
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#72  
Anthracene  
Concen: 39.564 ng  
RT: 11.392 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion:178 Resp: 746361  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.316 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 68433

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

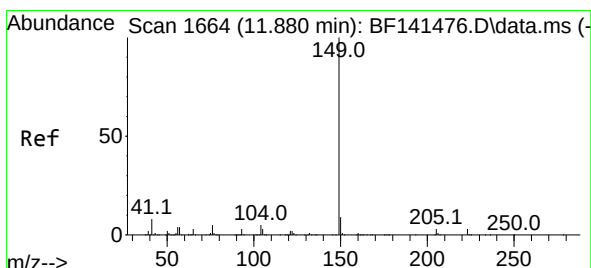
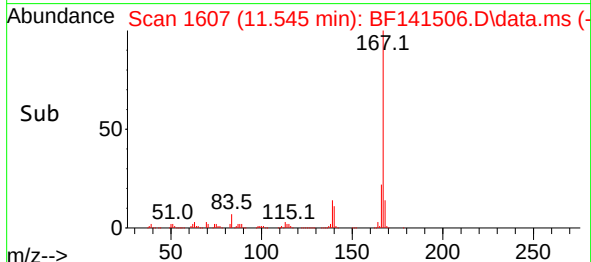
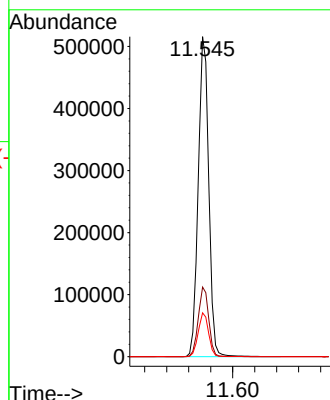
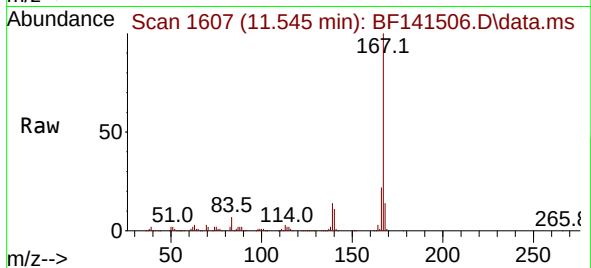
139 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#74

Di-n-butylphthalate

Concen: 40.060 ng

RT: 11.880 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

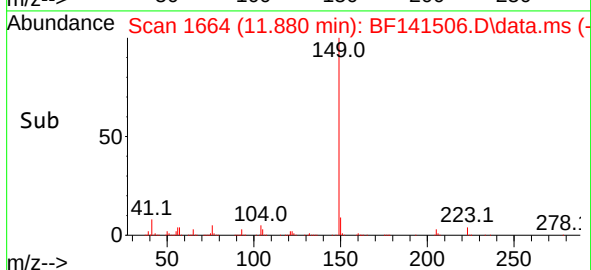
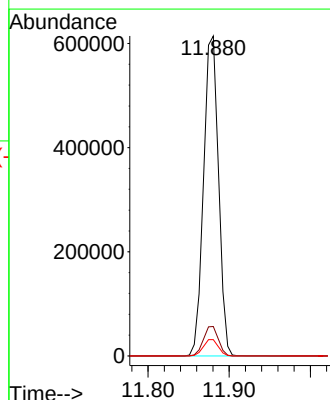
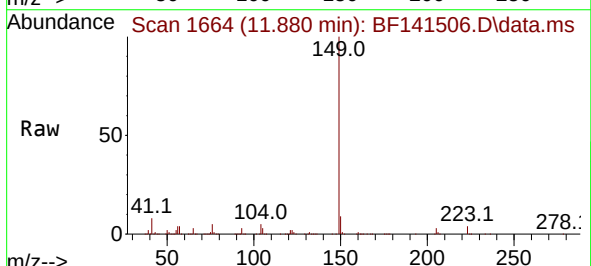
Tgt Ion:149 Resp: 785155

Ion Ratio Lower Upper

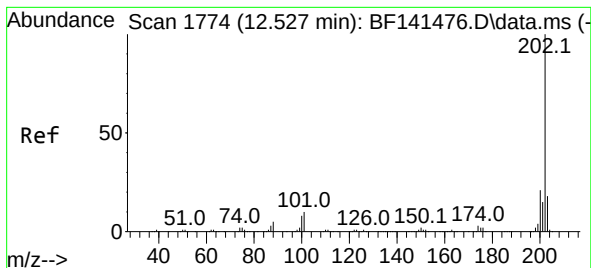
149 100

150 9.2 7.4 11.0

104 5.1 4.2 6.2







#75

Fluoranthene

Concen: 40.018 ng

RT: 12.527 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141506.D

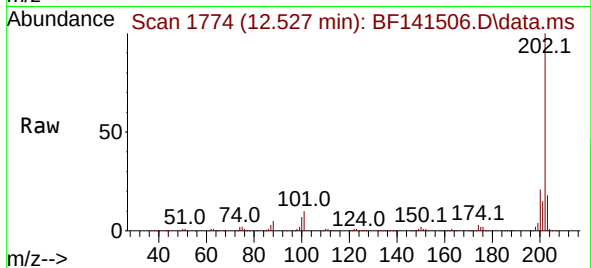
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:202 Resp: 79620

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.2

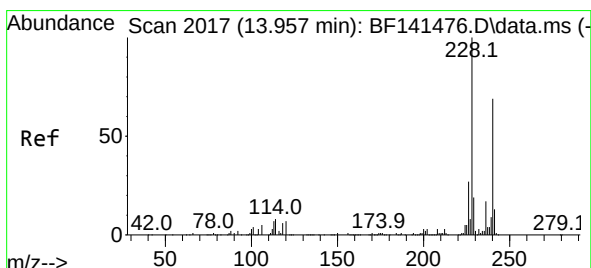
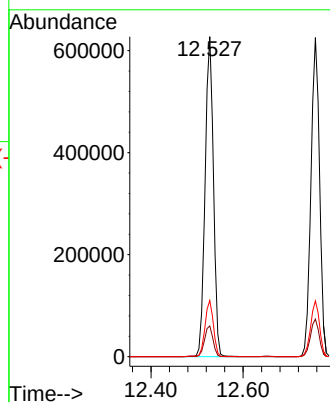
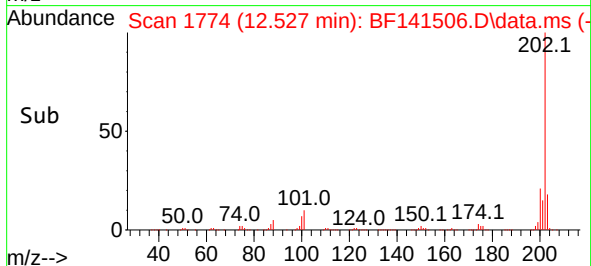
203 17.6 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#76

Chrysene-d12

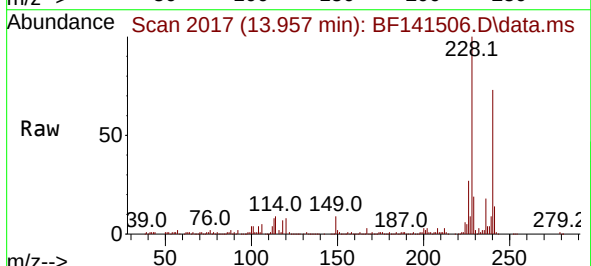
Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33



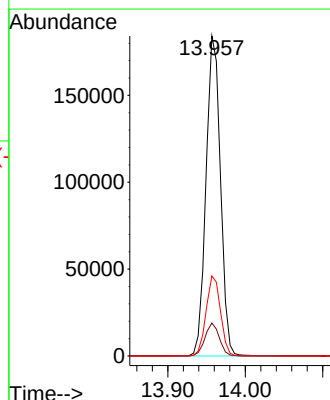
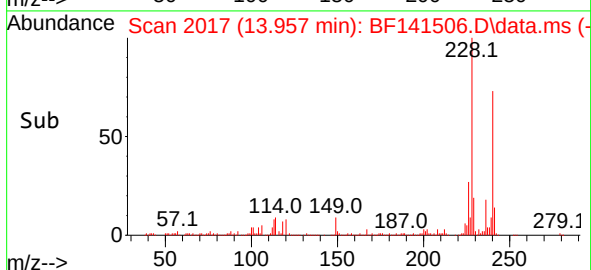
Tgt Ion:240 Resp: 238177

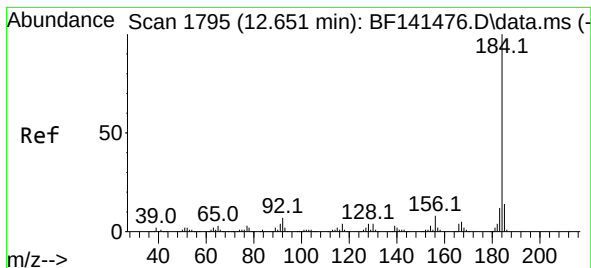
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 25.0 19.8 29.8





#77

Benzidine

Concen: 44.226 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141506.D

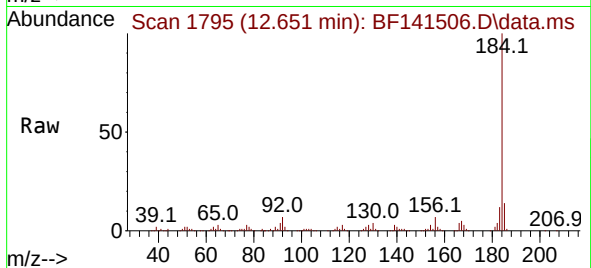
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



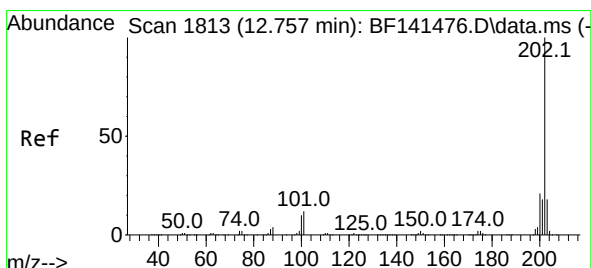
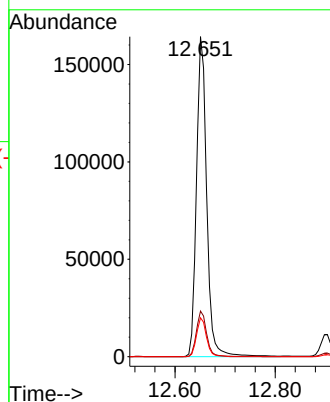
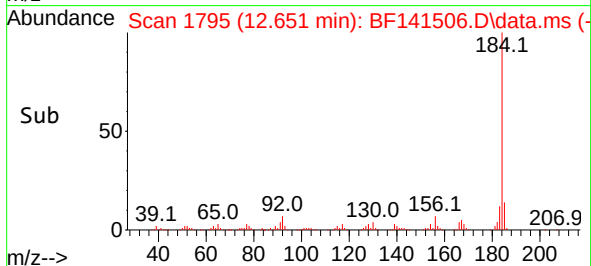
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 232310    |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 14.3  | 11.3 16.9 |
| 183         | 12.1  | 9.3 13.9  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#78

Pyrene

Concen: 39.977 ng

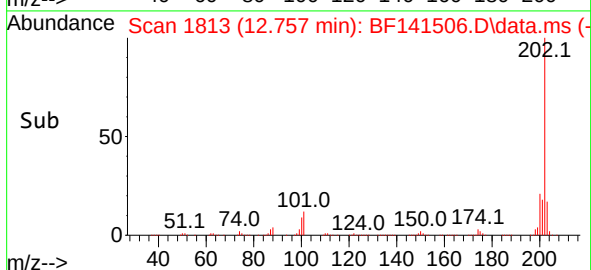
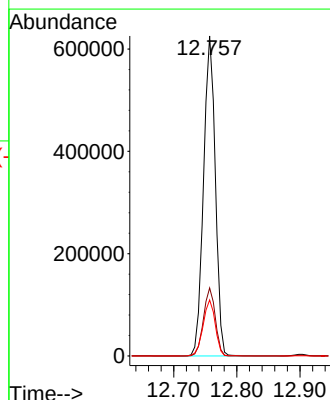
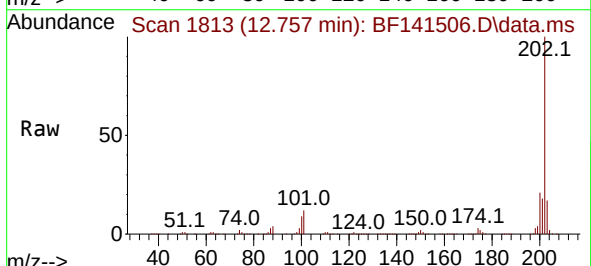
RT: 12.757 min Scan# 1813

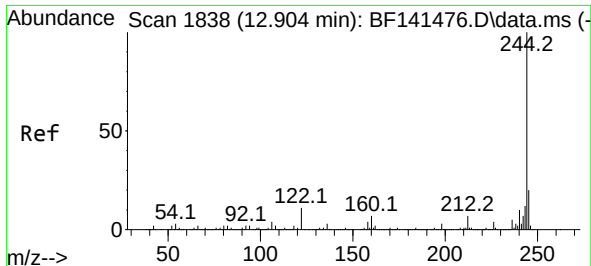
Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 810550    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 21.3  | 17.0 25.4 |
| 203         | 17.5  | 14.3 21.5 |





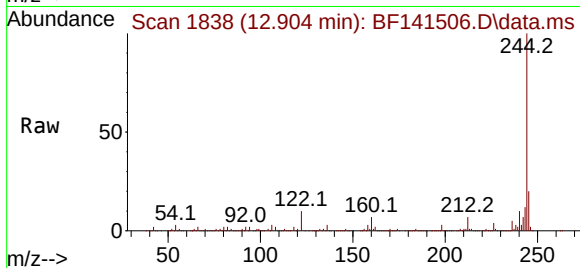
#79  
 Terphenyl-d14  
 Concen: 79.087 ng  
 RT: 12.904 min Scan# 1115800  
 Delta R.T. 0.000 min  
 Lab File: BF141506.D  
 Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

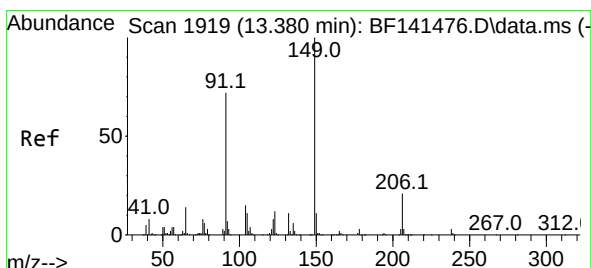
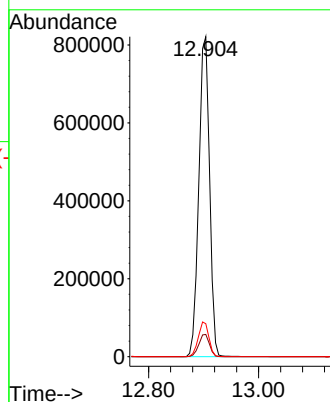
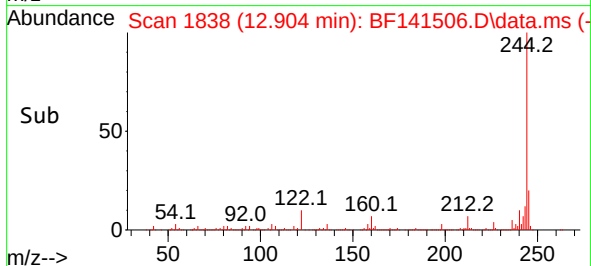


Tgt Ion:244 Resp: 1115800  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.6 8.4  
 122 10.3 8.4 12.6

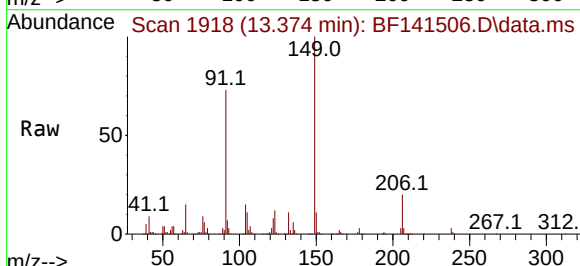
Manual Integrations

APPROVED

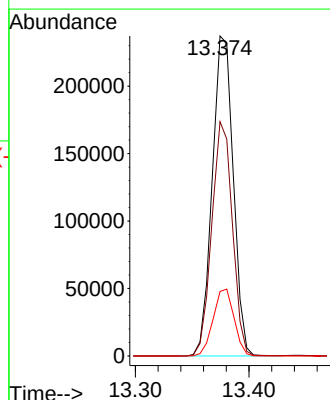
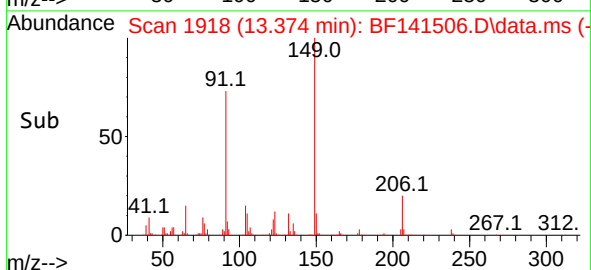
Reviewed By :Anahy Claudio 02/10/2025  
 Supervised By :mohammad ahmed 02/12/2025

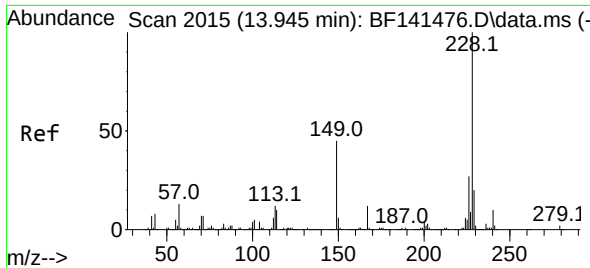


#80  
 Butylbenzylphthalate  
 Concen: 43.443 ng  
 RT: 13.374 min Scan# 1918  
 Delta R.T. -0.006 min  
 Lab File: BF141506.D  
 Acq: 07 Feb 2025 14:33



Tgt Ion:149 Resp: 305087  
 Ion Ratio Lower Upper  
 149 100  
 91 73.2 57.8 86.8  
 206 20.2 16.7 25.1





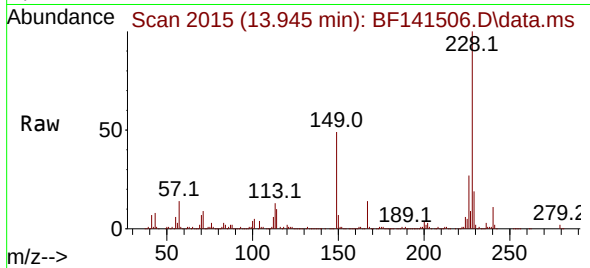
#81  
Benzo(a)anthracene  
Concen: 39.598 ng  
RT: 13.945 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

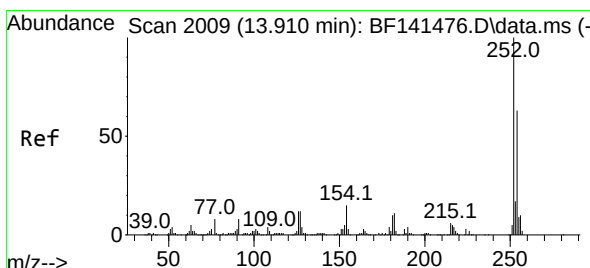
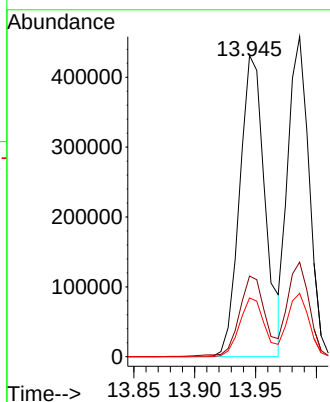
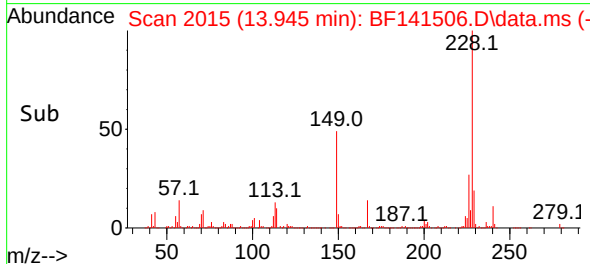


Tgt Ion:228 Resp: 626940  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.8 32.8  
229 19.5 15.8 23.6

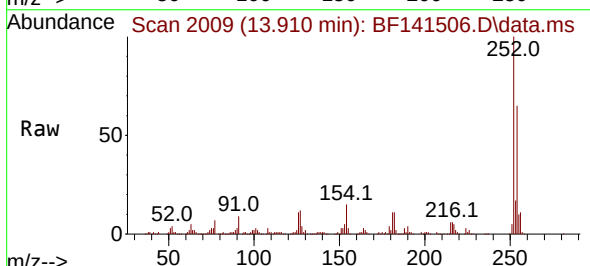
Manual Integrations

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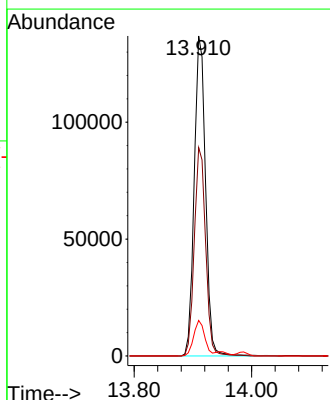
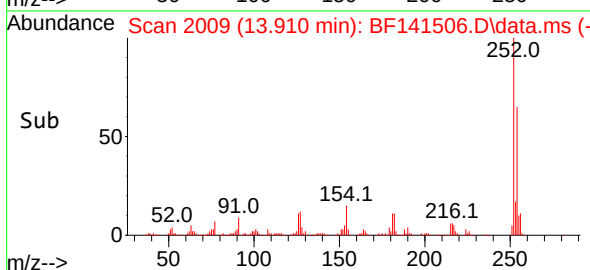
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

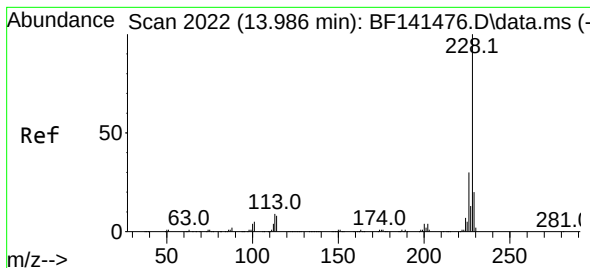


#82  
3,3'-Dichlorobenzidine  
Concen: 40.414 ng  
RT: 13.910 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:252 Resp: 183288  
Ion Ratio Lower Upper  
252 100  
254 65.1 50.6 76.0  
126 11.1 9.3 13.9





#83

Chrysene

Concen: 38.041 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141506.D

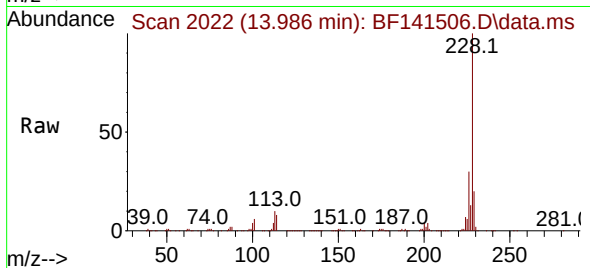
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 556110

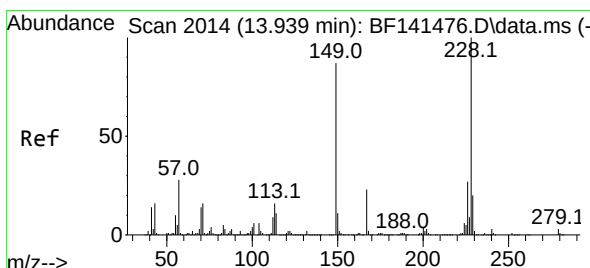
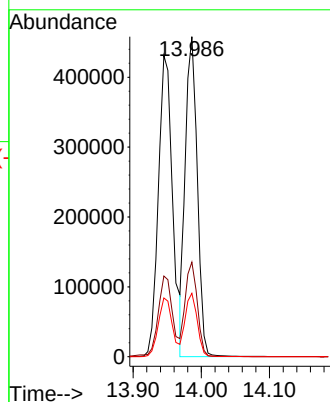
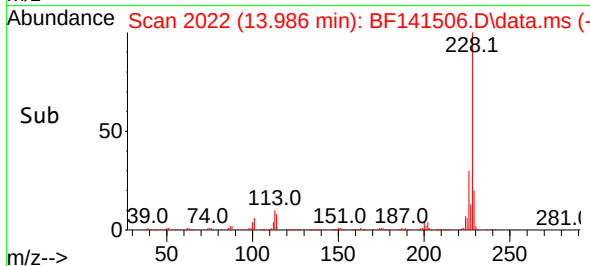
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.5  | 24.0  | 36.0  |
| 229 | 19.8  | 15.7  | 23.5  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.626 ng

RT: 13.939 min Scan# 2014

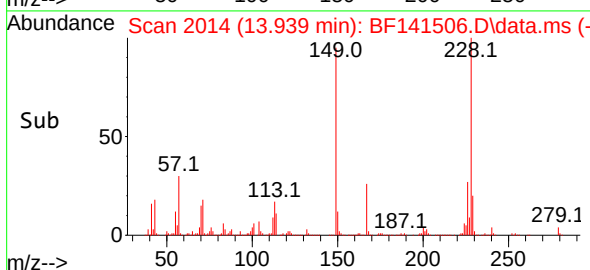
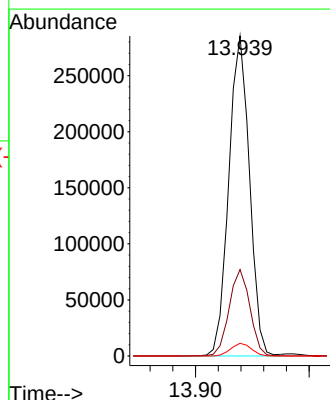
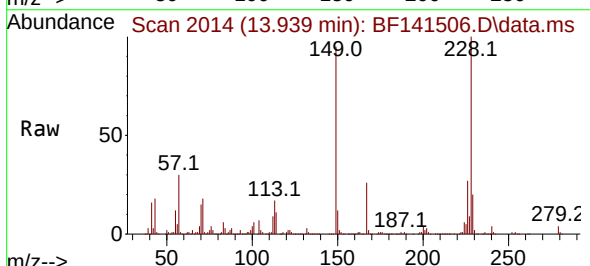
Delta R.T. 0.000 min

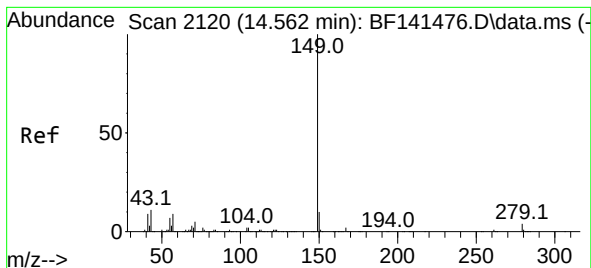
Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Tgt Ion:149 Resp: 361384

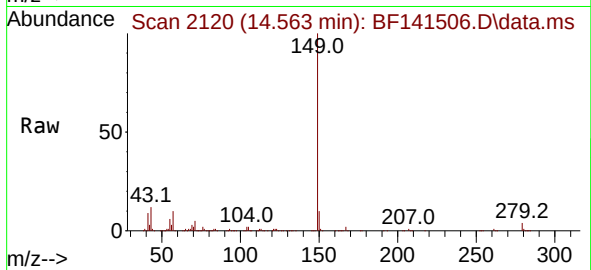
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.0  | 21.4  | 32.0  |
| 279 | 3.9   | 3.1   | 4.7   |





#85  
Di-n-octyl phthalate  
Concen: 42.871 ng  
RT: 14.563 min Scan# 2120  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

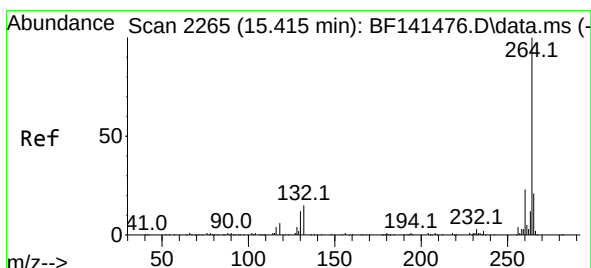
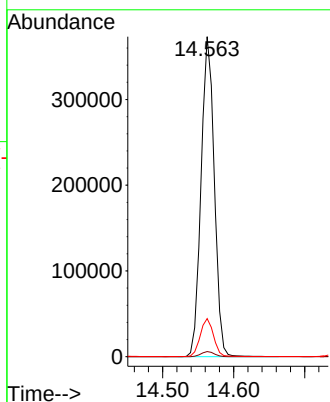
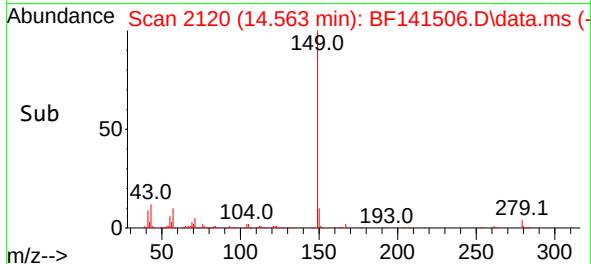
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 484418  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.3 9.5 14.3

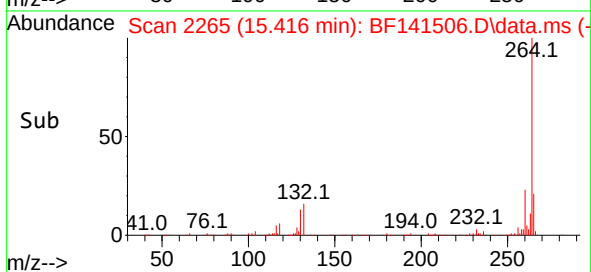
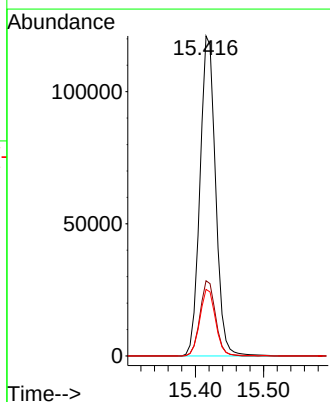
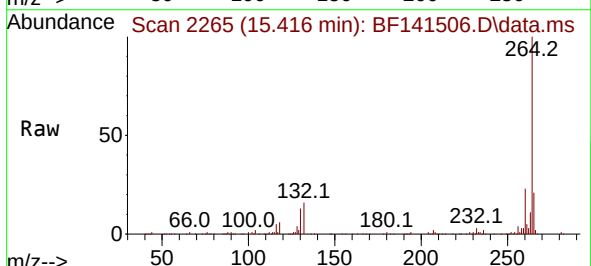
Manual Integrations  
APPROVED

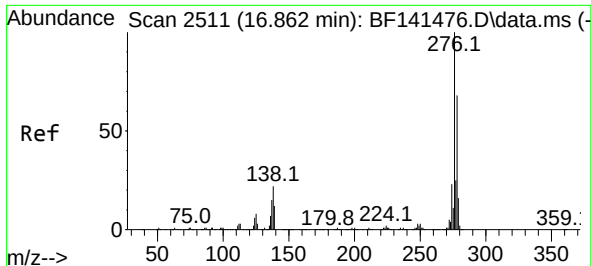
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.416 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Tgt Ion:264 Resp: 192868  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.6 28.0  
265 20.8 17.0 25.4





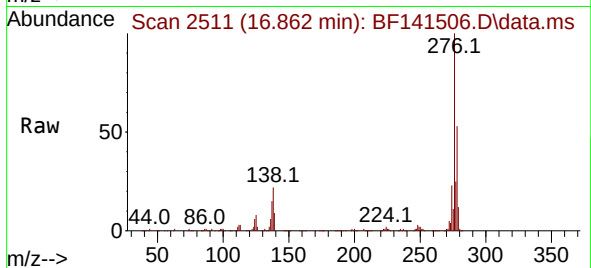
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.313 ng  
RT: 16.862 min Scan# 2111  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

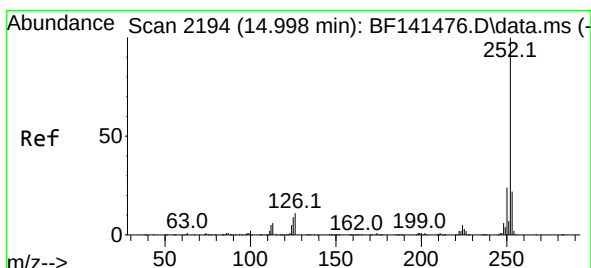
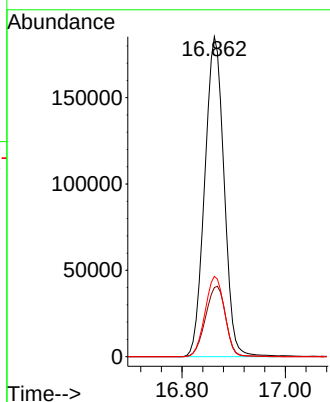
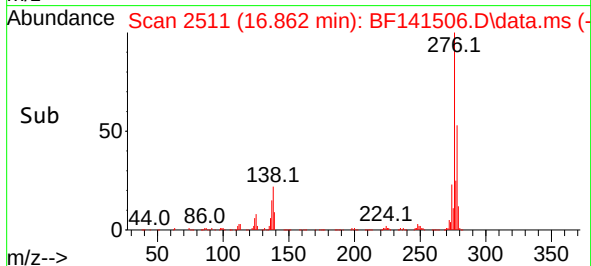


Tgt Ion:276 Resp: 480414  
Ion Ratio Lower Upper  
276 100  
138 22.9 18.0 27.0  
277 25.5 20.4 30.6

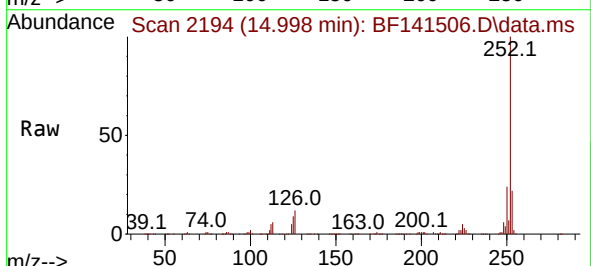
Manual Integrations

APPROVED

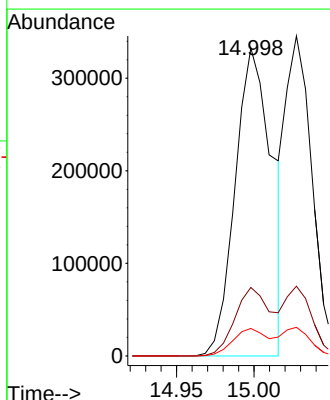
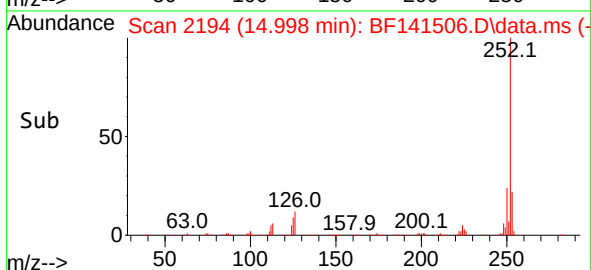
Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025

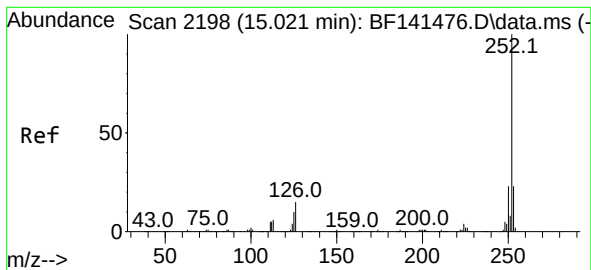


#88  
Benzo(b)fluoranthene  
Concen: 42.468 ng  
RT: 14.998 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:252 Resp: 549964  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 37.333 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 412835

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

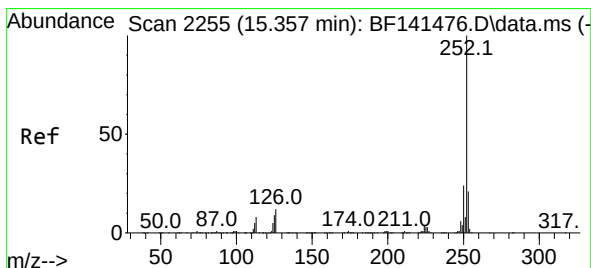
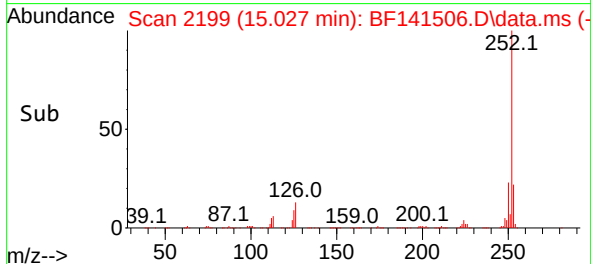
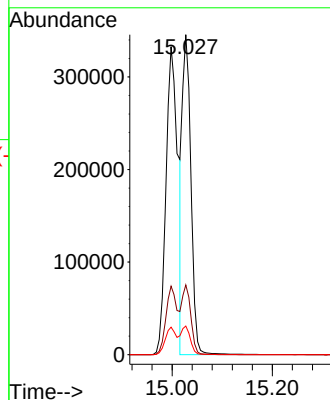
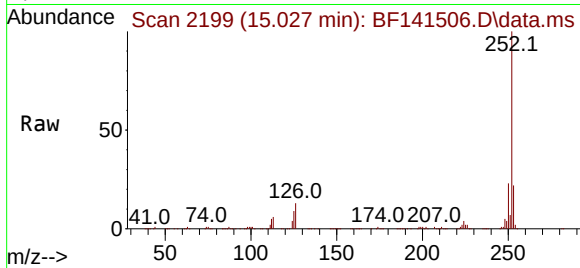
125 9.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025

Supervised By :mohammad ahmed 02/12/2025



#90

Benzo(a)pyrene

Concen: 40.121 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141506.D

Acq: 07 Feb 2025 14:33

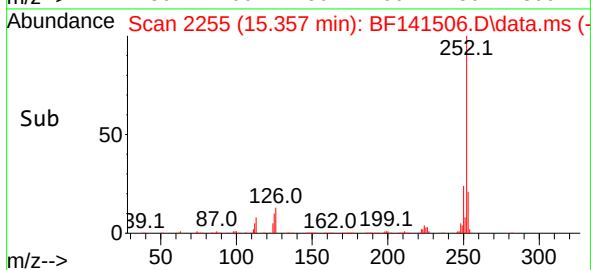
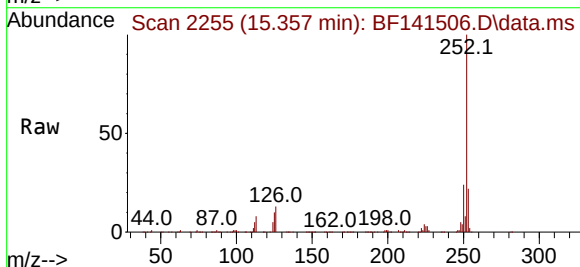
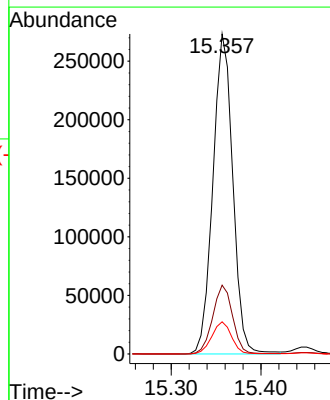
Tgt Ion:252 Resp: 420423

Ion Ratio Lower Upper

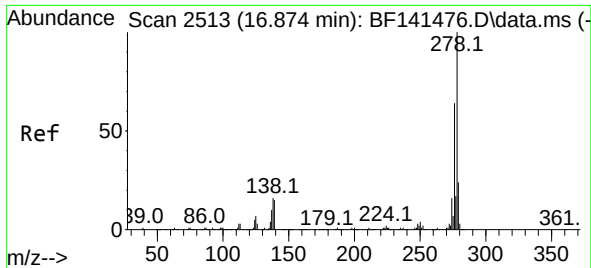
252 100

253 21.5 17.1 25.7

125 10.1 7.4 11.2







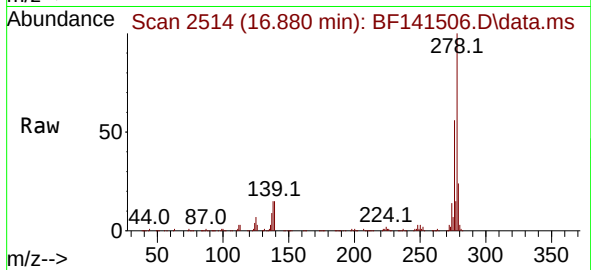
#91  
Dibenzo(a,h)anthracene  
Concen: 40.397 ng  
RT: 16.880 min Scan# 2514  
Delta R.T. -0.012 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

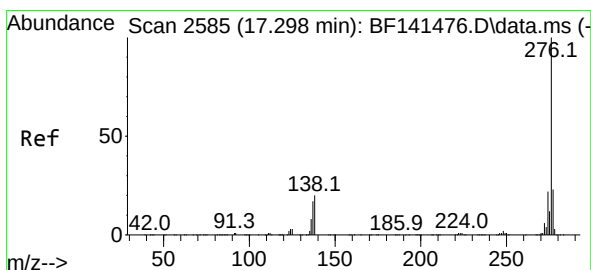
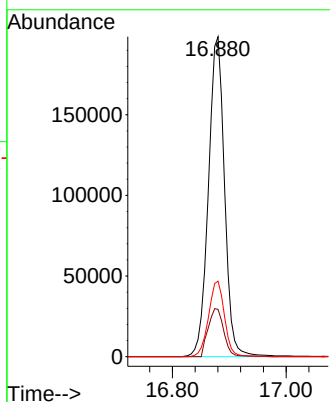
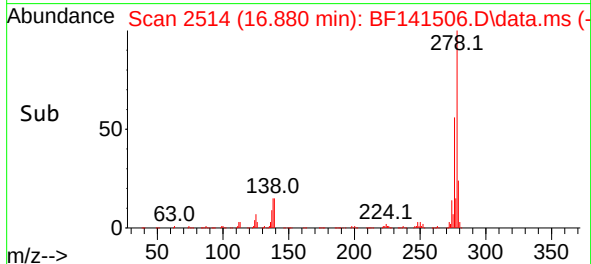


Tgt Ion:278 Resp: 390089  
Ion Ratio Lower Upper  
278 100  
139 14.8 11.8 17.6  
279 23.6 19.1 28.7

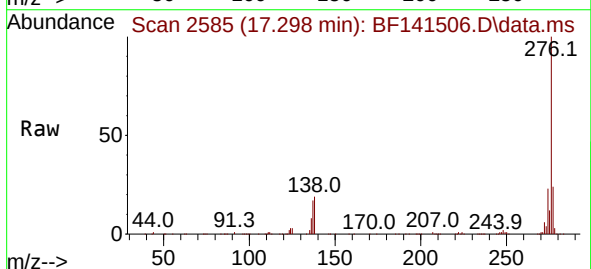
Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/10/2025  
Supervised By :mohammad ahmed 02/12/2025



#92  
Benzo(g,h,i)perylene  
Concen: 39.245 ng  
RT: 17.298 min Scan# 2585  
Delta R.T. -0.017 min  
Lab File: BF141506.D  
Acq: 07 Feb 2025 14:33



Tgt Ion:276 Resp: 396572  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.6 28.0  
138 19.5 15.9 23.9

