

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022725\  
 Data File : BF141796.D  
 Acq On : 27 Feb 2025 16:46  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 28 01:24:58 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:19:57 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 282585   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 1143337  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 626338   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 1041715  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 688606   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 539147   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 749674   | 42.367 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 976719   | 42.408 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 726034   | 40.590 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 235147   | 39.990 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1686318  | 43.170 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 1785806  | 41.959 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 162630   | 20.255 | ng    | 100      |
| 3) Pyridine                   | 3.446  | 79   | 419991   | 21.024 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 194836   | 20.270 | ng    | 99       |
| 6) Aniline                    | 6.551  | 93   | 510018   | 21.416 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 406583   | 21.241 | ng    | 99       |
| 9) Benzaldehyde               | 6.440  | 77   | 289246   | 21.590 | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 527399m  | 21.493 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 393290   | 20.964 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 435544   | 21.247 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 437770   | 21.195 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 416995   | 21.620 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 388176   | 21.089 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 607289   | 21.316 | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 329265   | 20.839 | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 162363   | 21.002 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.293  | 70   | 316487   | 20.904 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 425612   | 21.633 | ng    | 98       |
| 22) Acetophenone              | 7.293  | 105  | 585913   | 21.041 | ng    | # 97     |
| 24) Nitrobenzene              | 7.463  | 77   | 395521   | 20.649 | ng    | 97       |
| 25) Isophorone                | 7.704  | 82   | 789349   | 20.541 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 132844   | 18.604 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 292966   | 20.740 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 513944   | 20.966 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 338122   | 20.749 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 374188   | 20.955 | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1258082  | 21.409 | ng    | 99       |
| 32) Benzoic acid              | 7.898  | 122  | 165613   | 19.487 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 454568   | 21.097 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 230541   | 20.776 | ng    | 98       |
| 35) Caprolactam               | 8.587  | 113  | 102898   | 20.521 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 376094   | 20.776 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 826497   | 21.443 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 796808   | 21.545 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 377360   | 20.861 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 158105   | 20.943 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 238591   | 20.419 | ng    | 100      |

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Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

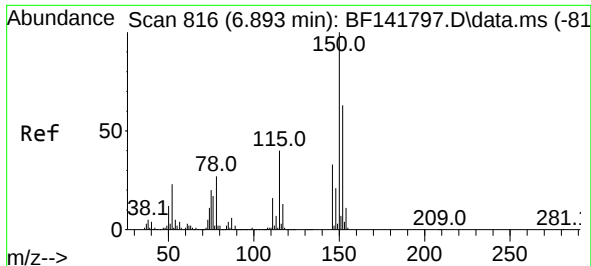
Quant Time: Feb 28 01:24:58 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:19:57 2025  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 242709   | 20.976 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1021081  | 21.418 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 752142   | 21.375 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 153869   | 18.870 | ng    | 97       |
| 49) Acenaphthylene            | 9.786  | 152  | 1126303  | 21.349 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 879870   | 20.977 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 144673   | 19.796 | ng    | 98       |
| 52) Acenaphthene              | 9.957  | 154  | 749963   | 21.068 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 152114   | 19.664 | ng    | # 99     |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 41521    | 19.116 | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 1105278  | 21.332 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 123415   | 19.922 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 165949   | 19.214 | ng    | 98       |
| 58) Fluorene                  | 10.469 | 166  | 822264   | 21.187 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 210339   | 20.902 | ng    | 99       |
| 60) Diethylphthalate          | 10.345 | 149  | 894118   | 21.264 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 409697   | 21.069 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 143482   | 20.031 | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 942499   | 21.288 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 65163    | 19.161 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 717531   | 20.977 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 248503   | 20.423 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 265367   | 20.653 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 203939   | 21.680 | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 167231   | 20.521 | ng    | 99       |
| 71) Phenanthrene              | 11.433 | 178  | 1181769  | 21.209 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1203701  | 21.554 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 1056147  | 21.416 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1345098  | 21.518 | ng    | 99       |
| 75) Fluoranthene              | 12.622 | 202  | 1242031  | 21.753 | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 136521   | 15.752 | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 1249647  | 20.957 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 442702   | 20.434 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 953146   | 20.956 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 262708   | 20.132 | ng    | 100      |
| 83) Chrysene                  | 14.074 | 228  | 850641   | 20.288 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 542812   | 20.122 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 763685   | 18.910 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 668777   | 19.480 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 826369   | 22.501 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.116 | 252  | 592250   | 18.973 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 610871   | 20.740 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 552725   | 19.724 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.451 | 276  | 557705   | 19.426 | ng    | 100      |

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

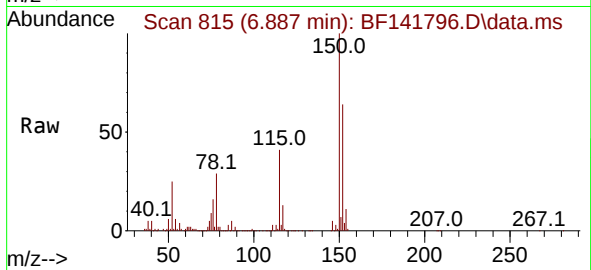
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

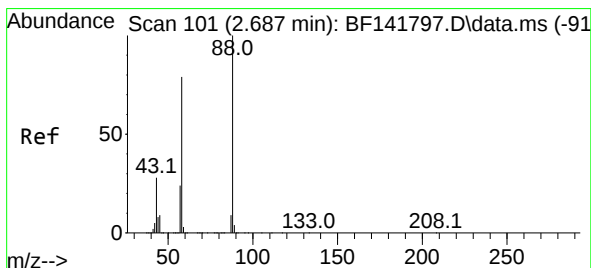
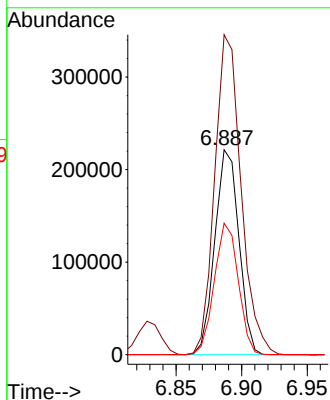
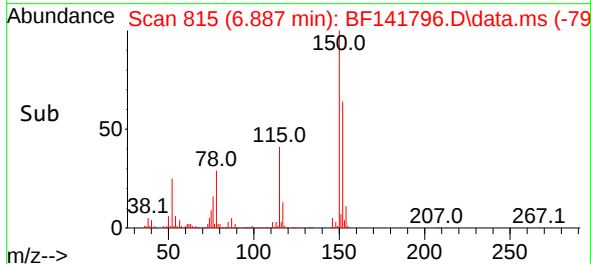
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:152 Resp: 28258  
Ion Ratio Lower Upper  
152 100  
150 156.1 127.5 191.3  
115 64.2 51.4 77.2

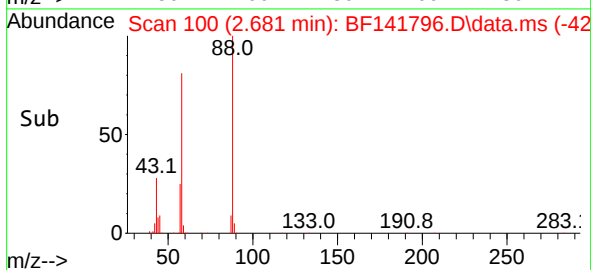
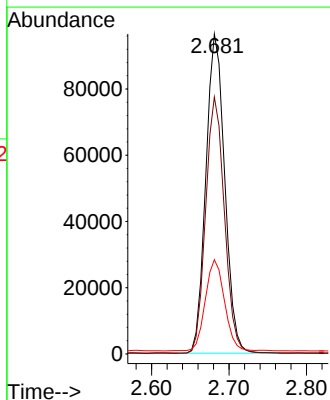
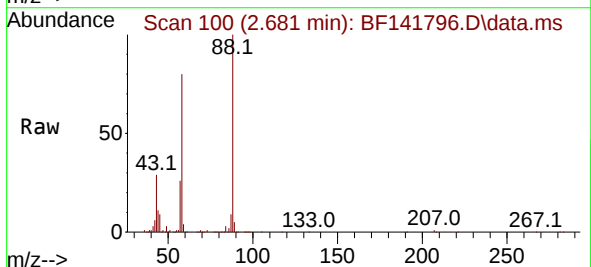
Manual Integrations  
APPROVED

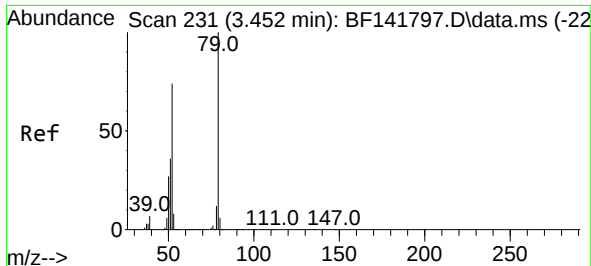
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#2  
1,4-Dioxane  
Concen: 20.255 ng  
RT: 2.681 min Scan# 100  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

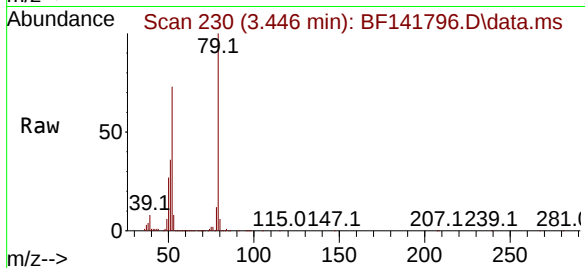
Tgt Ion: 88 Resp: 162630  
Ion Ratio Lower Upper  
88 100  
58 80.0 63.9 95.9  
43 29.0 23.0 34.6





#3  
Pyridine  
Concen: 21.024 ng  
RT: 3.446 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

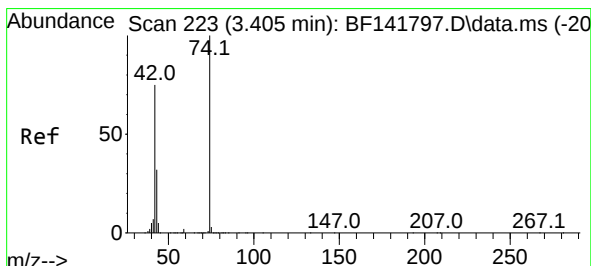
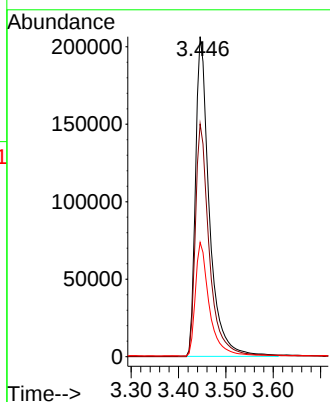
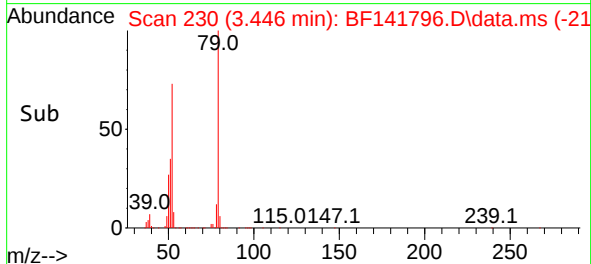
Instrument :  
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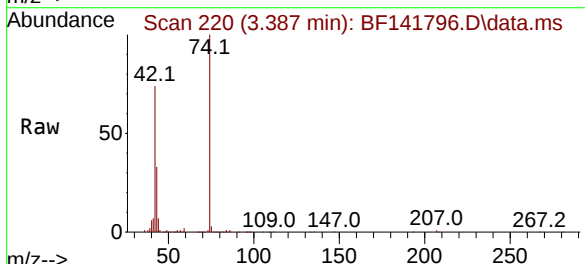
Tgt Ion: 79 Resp: 41999  
Ion Ratio Lower Upper  
79 100  
52 72.7 59.0 88.4  
51 35.7 29.0 43.4

Manual Integrations  
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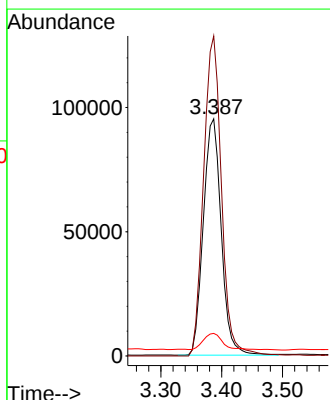
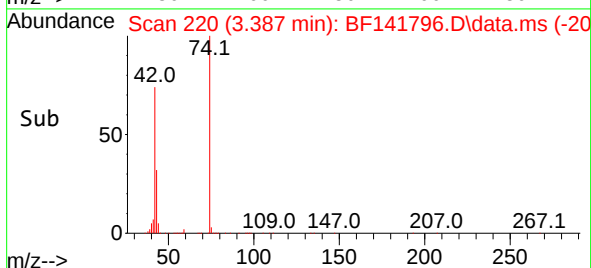
Reviewed By :Yogesh Patel 02/28/2025  
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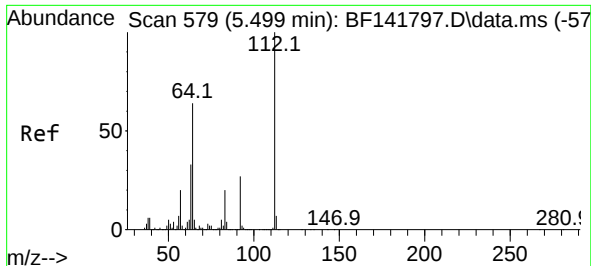


#4  
n-Nitrosodimethylamine  
Concen: 20.270 ng  
RT: 3.387 min Scan# 220  
Delta R.T. -0.018 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



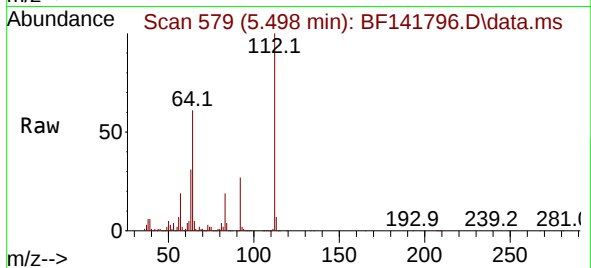
Tgt Ion: 42 Resp: 194836  
Ion Ratio Lower Upper  
42 100  
74 135.0 107.1 160.7  
44 9.5 6.6 9.8





#5  
2-Fluorophenol  
Concen: 42.367 ng  
RT: 5.498 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

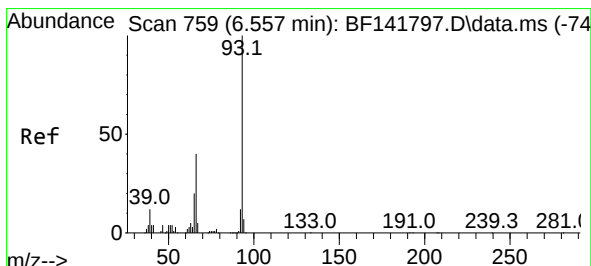
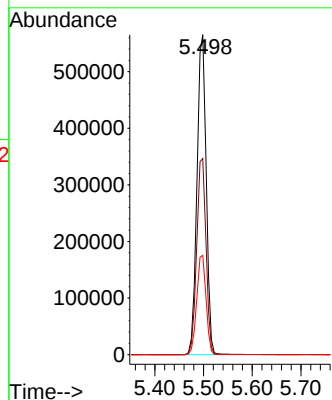
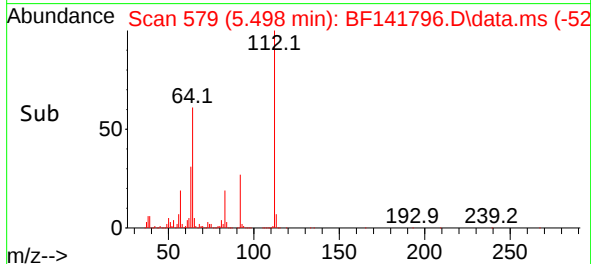
Instrument :  
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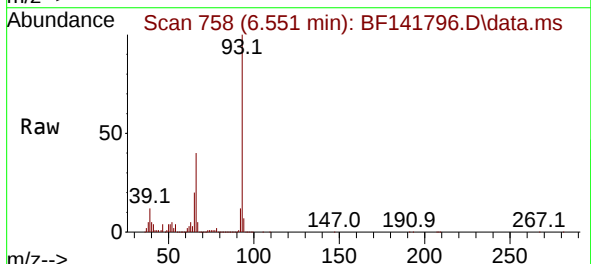
Tgt Ion:112 Resp: 749674  
Ion Ratio Lower Upper  
112 100  
64 61.3 51.3 76.9  
63 31.1 26.2 39.4

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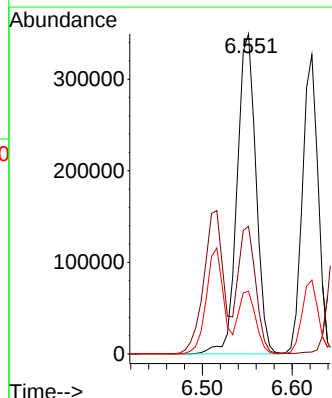
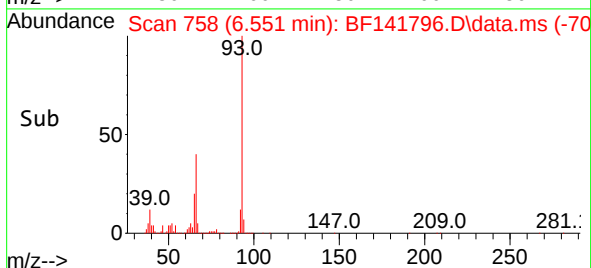
Reviewed By :Yogesh Patel 02/28/2025  
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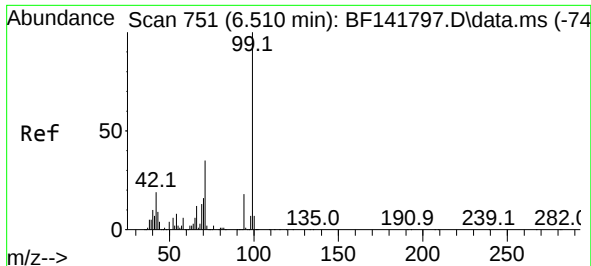


#6  
Aniline  
Concen: 21.416 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



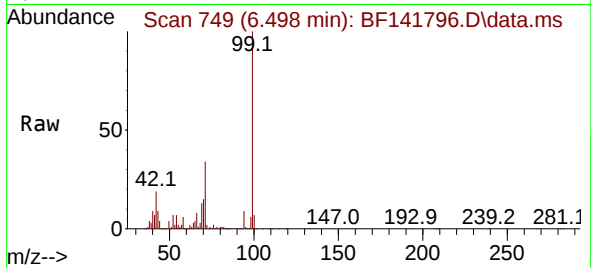
Tgt Ion: 93 Resp: 510018  
Ion Ratio Lower Upper  
93 100  
66 39.9 32.3 48.5  
65 19.7 15.9 23.9





#7  
Phenol-d6  
Concen: 42.408 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

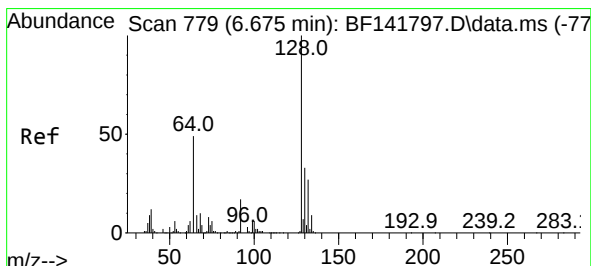
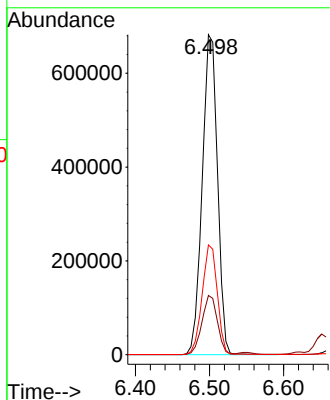
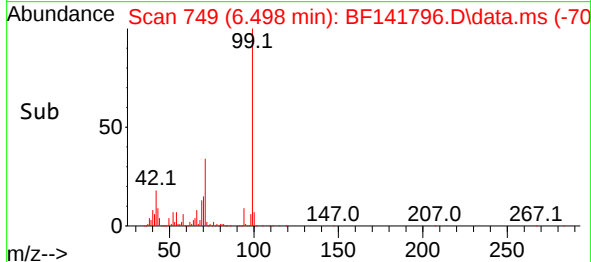
Instrument :  
BNA\_F  
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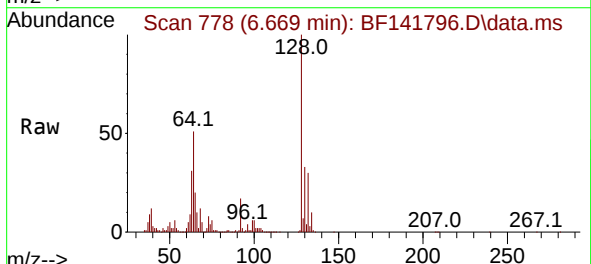
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Ion Ratio Lower Upper  
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71 34.3 28.2 42.2

Manual Integrations  
APPROVED

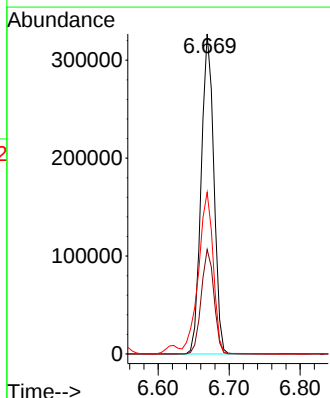
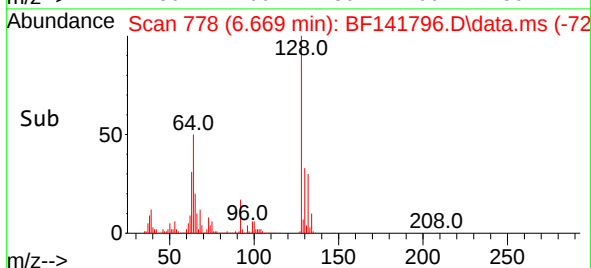
Reviewed By :Yogesh Patel 02/28/2025  
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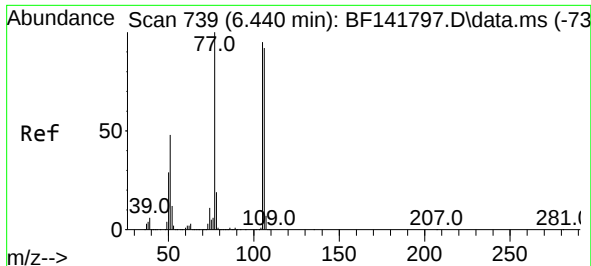


#8  
2-Chlorophenol  
Concen: 21.241 ng  
RT: 6.669 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



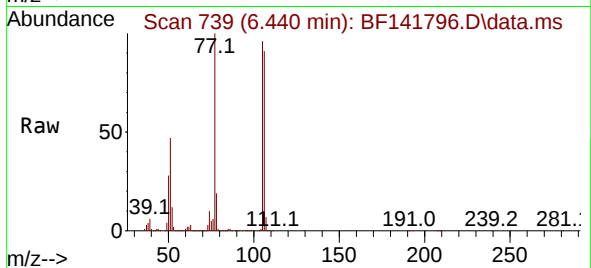
Tgt Ion:128 Resp: 406583  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.6 52.6  
64 50.5 31.1 71.1





#9  
Benzaldehyde  
Concen: 21.590 ng  
RT: 6.440 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

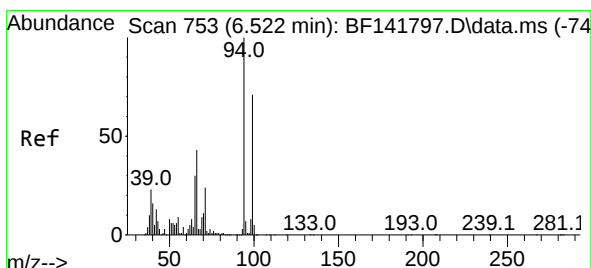
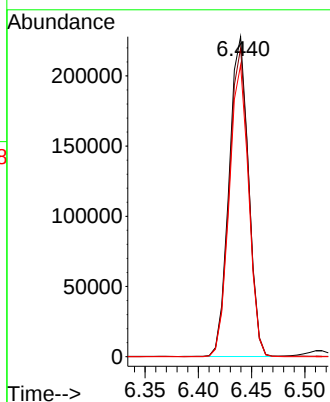
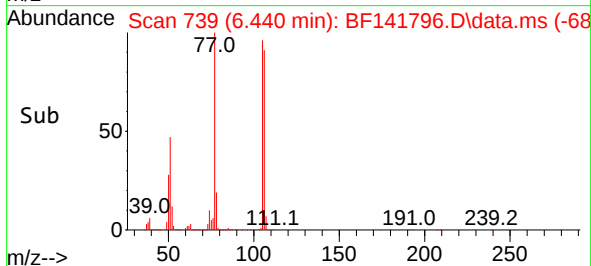
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



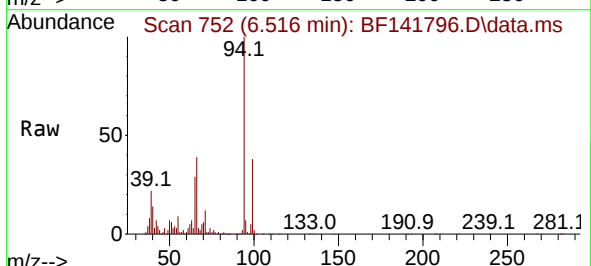
Tgt Ion: 77 Resp: 289240  
Ion Ratio Lower Upper  
77 100  
105 96.4 75.3 115.3  
106 91.1 72.3 112.3

Manual Integrations  
APPROVED

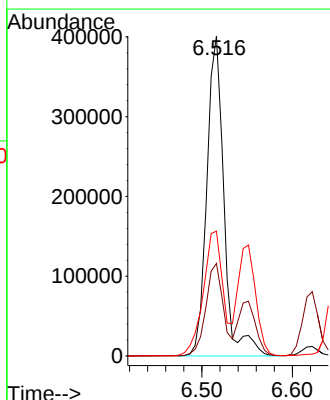
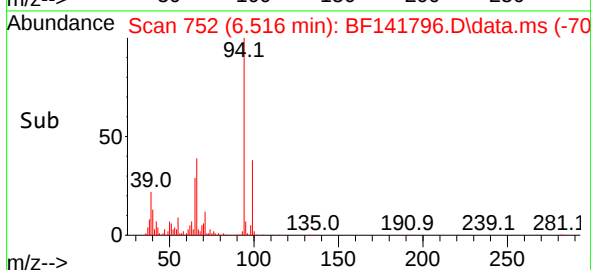
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

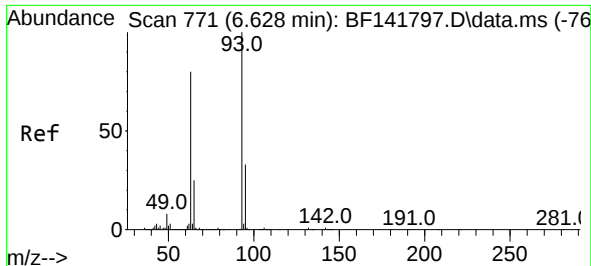


#10  
Phenol  
Concen: 21.493 ng m  
RT: 6.516 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion: 94 Resp: 527399  
Ion Ratio Lower Upper  
94 100  
65 28.9 10.2 50.2  
66 39.0 23.2 63.2





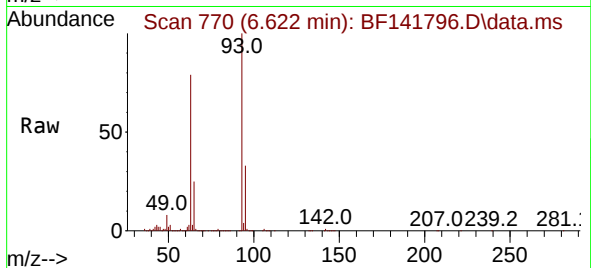
#11  
bis(2-Chloroethyl)ether  
Concen: 20.964 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

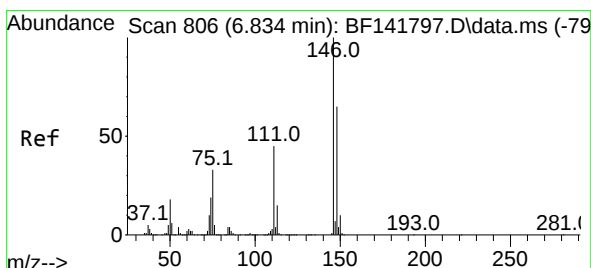
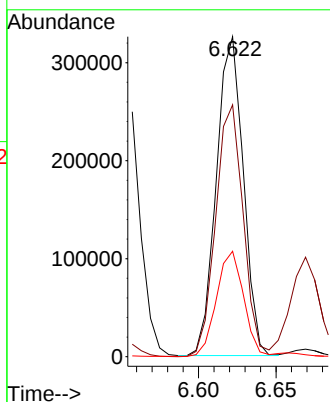
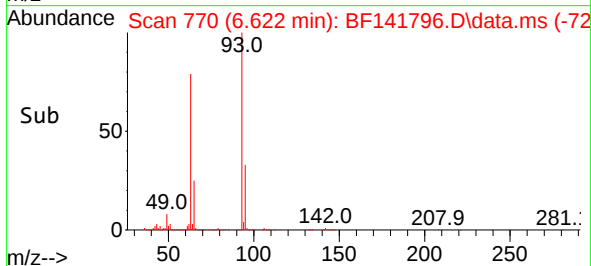


Tgt Ion: 93 Resp: 393290  
Ion Ratio Lower Upper  
93 100  
63 78.7 59.3 99.3  
95 32.9 13.2 53.2

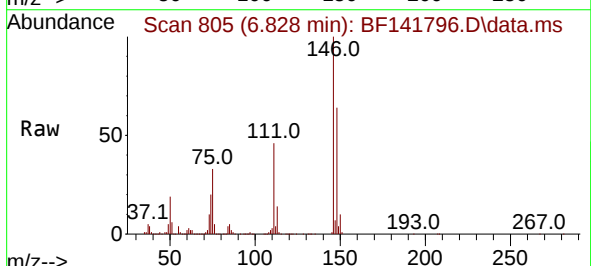
Manual Integrations

APPROVED

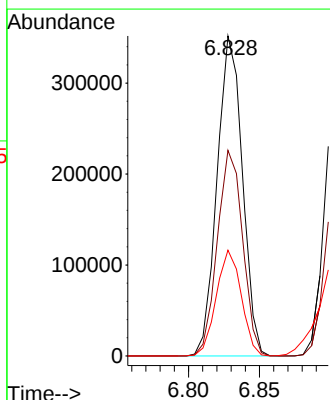
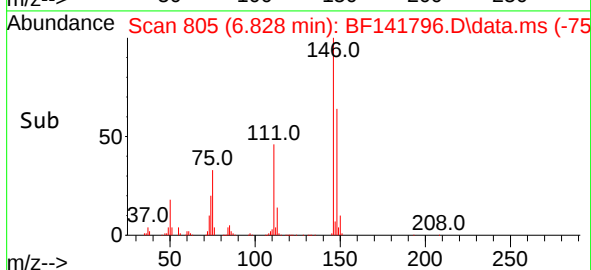
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

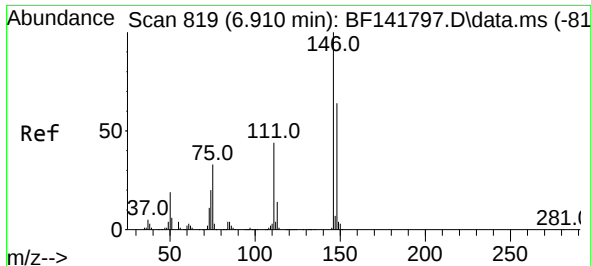


#12  
1,3-Dichlorobenzene  
Concen: 21.247 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



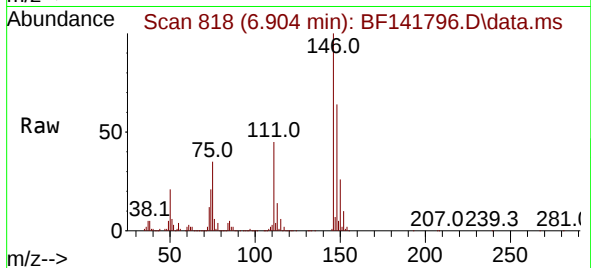
Tgt Ion:146 Resp: 435544  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.6  
75 33.0 26.2 39.4





#13  
1,4-Dichlorobenzene  
Concen: 21.195 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

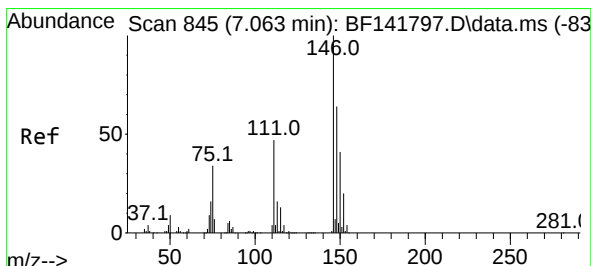
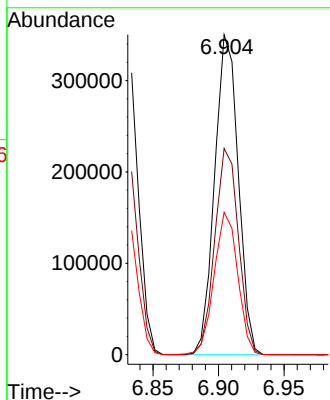
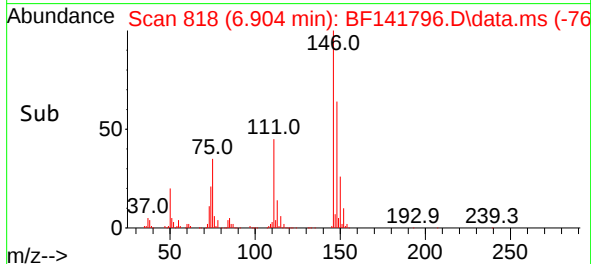
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



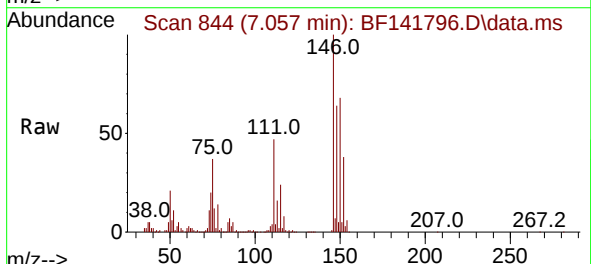
Tgt Ion:146 Resp: 437770  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.4 77.2  
111 44.5 35.5 53.3

Manual Integrations  
APPROVED

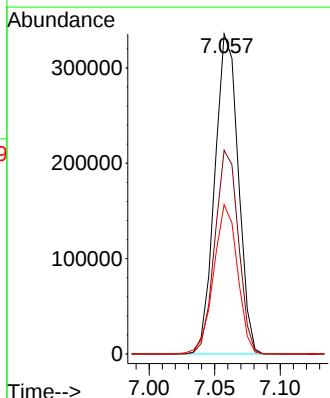
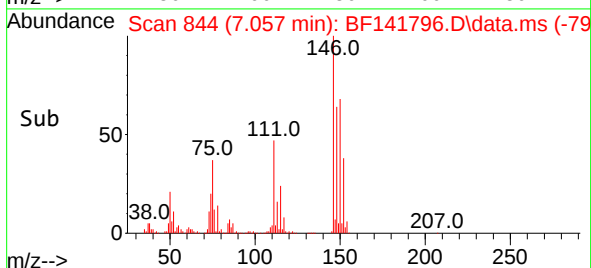
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

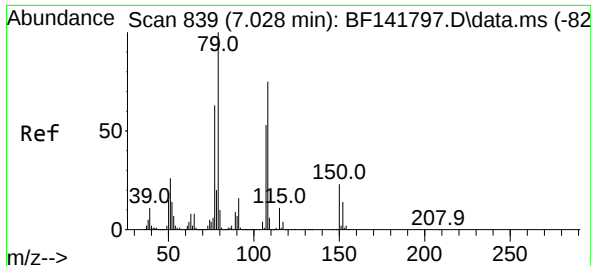


#14  
1,2-Dichlorobenzene  
Concen: 21.620 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



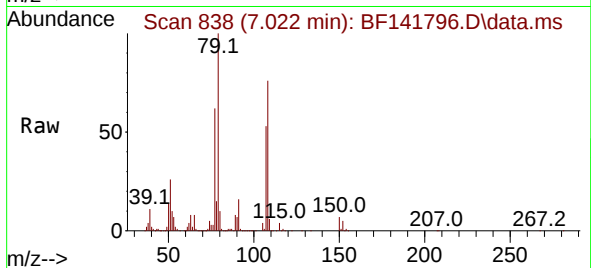
Tgt Ion:146 Resp: 416995  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.2 76.8  
111 46.6 37.8 56.6





#15  
Benzyl Alcohol  
Concen: 21.089 ng  
RT: 7.022 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

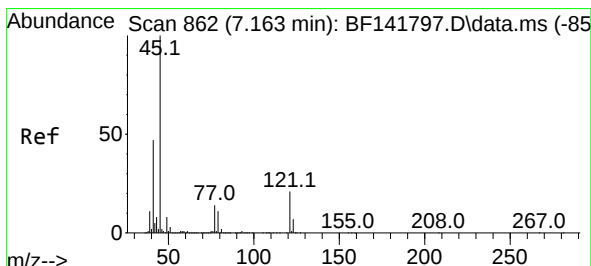
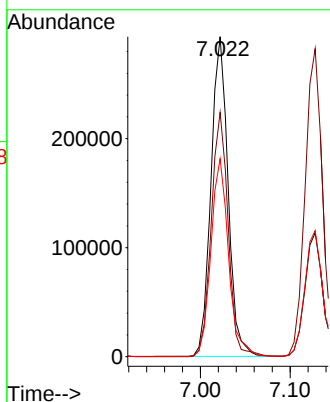
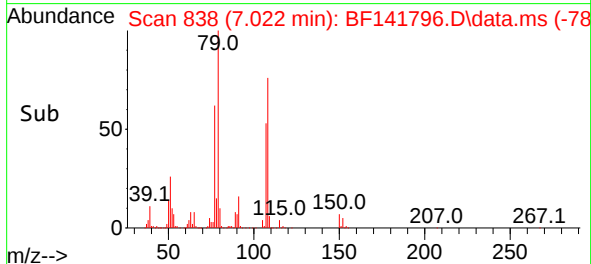
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



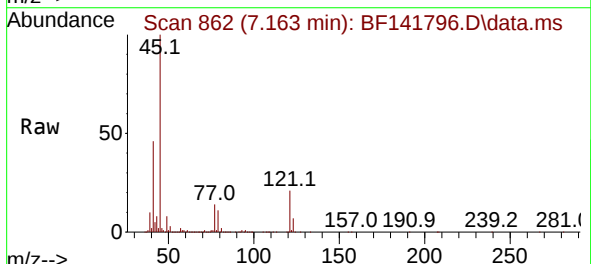
Tgt Ion: 79 Resp: 388170  
Ion Ratio Lower Upper  
79 100  
108 76.3 60.2 90.2  
77 61.9 50.2 75.2

Manual Integrations  
APPROVED

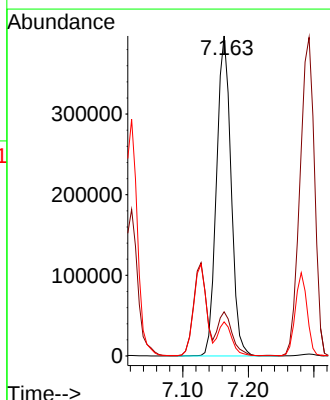
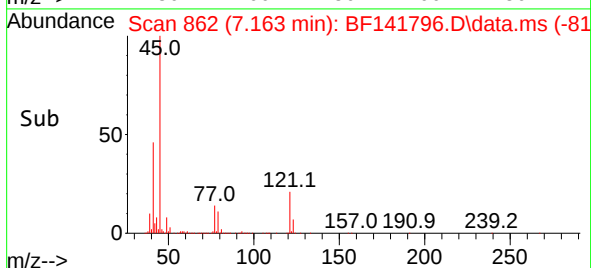
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.316 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



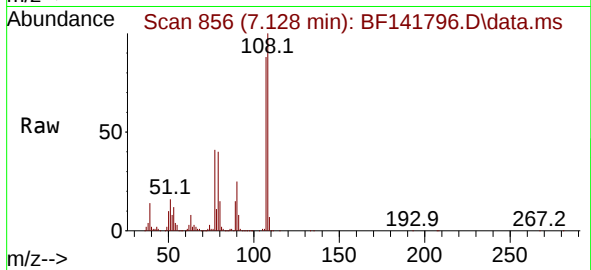
Tgt Ion: 45 Resp: 607289  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 34.4  
79 10.7 0.0 30.9





#17  
2-Methylphenol  
Concen: 20.839 ng  
RT: 7.128 min Scan# 856  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

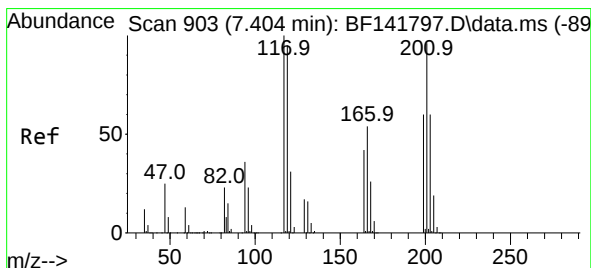
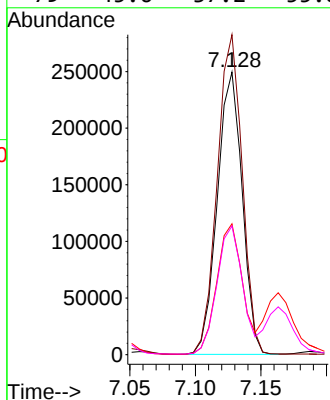
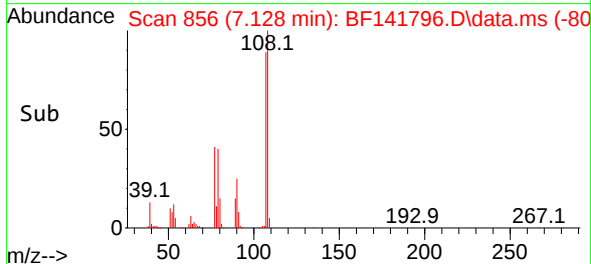
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:107 Resp: 32926  
Ion Ratio Lower Upper  
107 100  
108 113.3 90.6 135.8  
77 46.4 37.7 56.5  
79 45.6 37.2 55.8

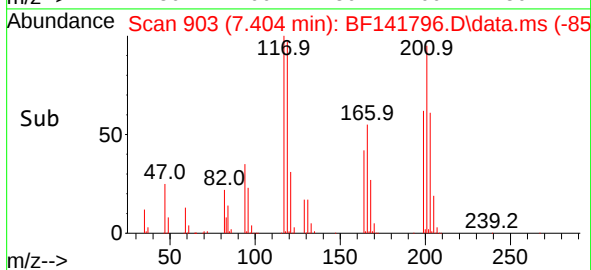
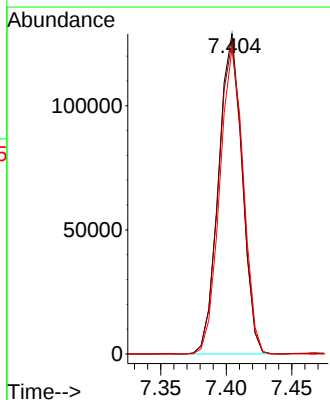
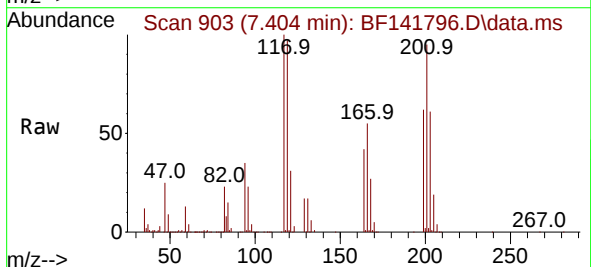
Manual Integrations  
APPROVED

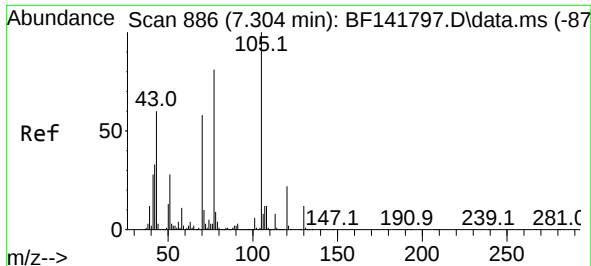
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#18  
Hexachloroethane  
Concen: 21.002 ng  
RT: 7.404 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

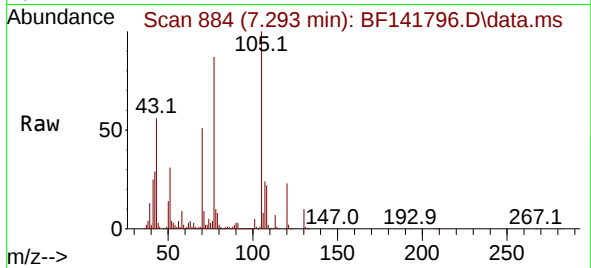
Tgt Ion:117 Resp: 162363  
Ion Ratio Lower Upper  
117 100  
119 97.5 75.8 113.8  
201 95.4 76.7 115.1





#19  
n-Nitroso-di-n-propylamine  
Concen: 20.904 ng  
RT: 7.293 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

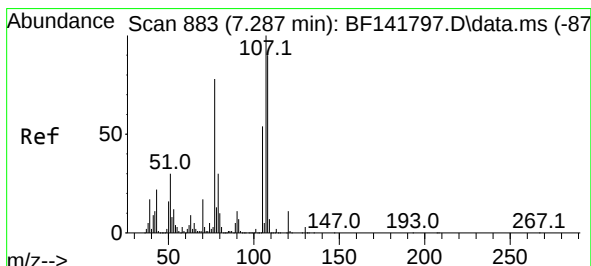
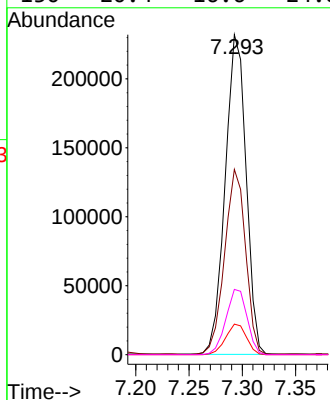
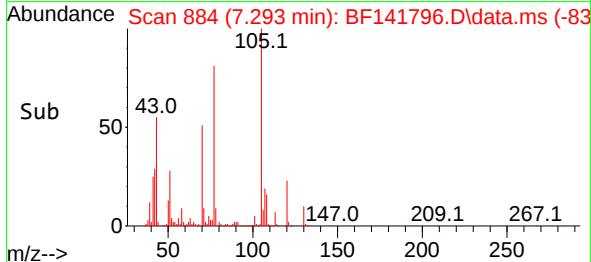
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



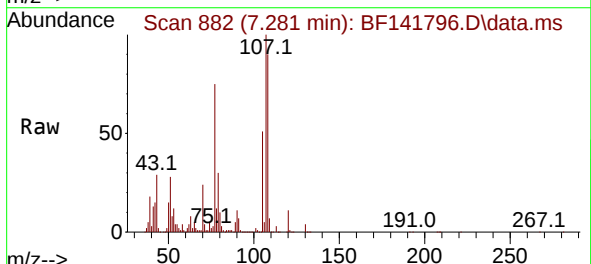
Tgt Ion: 70 Resp: 31648  
Ion Ratio Lower Upper  
70 100  
42 57.9 45.4 68.0  
101 9.6 7.8 11.8  
130 20.4 16.6 24.8

Manual Integrations  
APPROVED

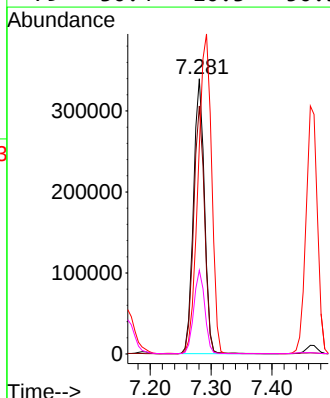
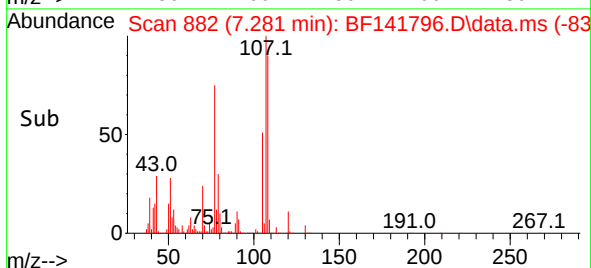
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

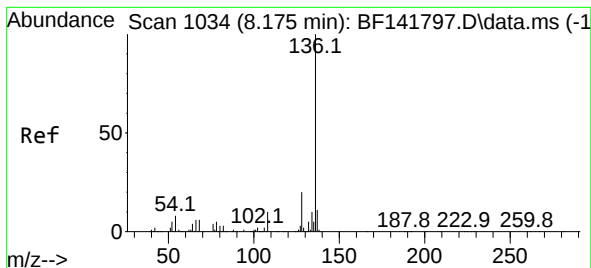


#20  
3+4-Methylphenols  
Concen: 21.633 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion:107 Resp: 425612  
Ion Ratio Lower Upper  
107 100  
108 90.1 69.7 109.7  
77 75.5 58.3 98.3  
79 30.4 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 114333

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.9 10.3

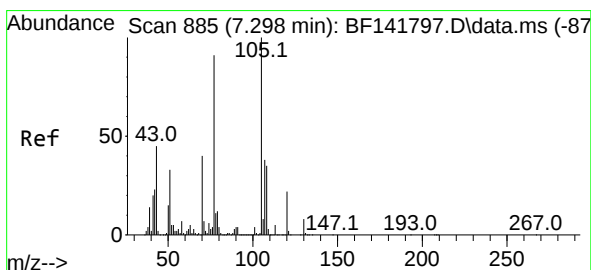
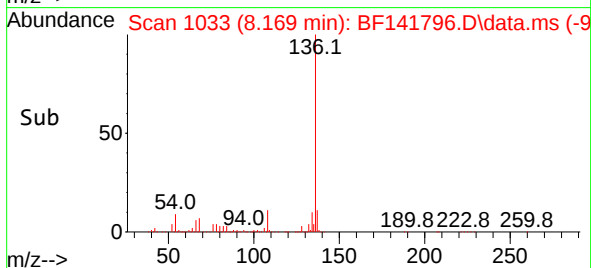
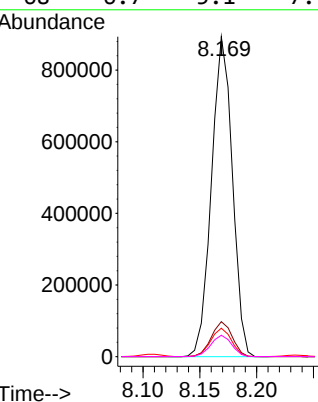
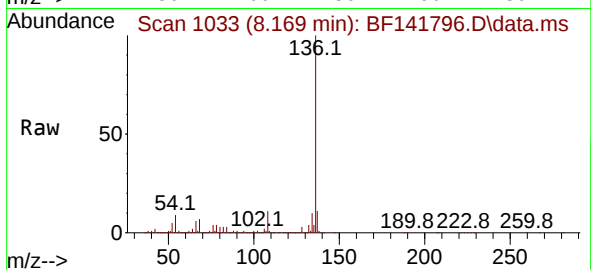
68 6.7 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#22

Acetophenone

Concen: 21.041 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Tgt Ion:105 Resp: 585913

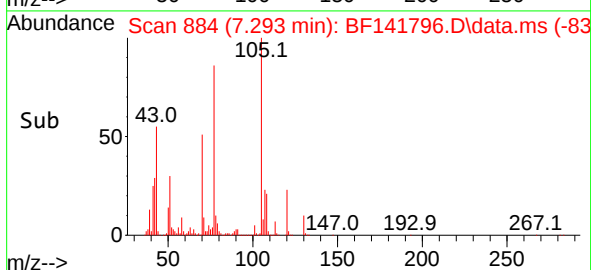
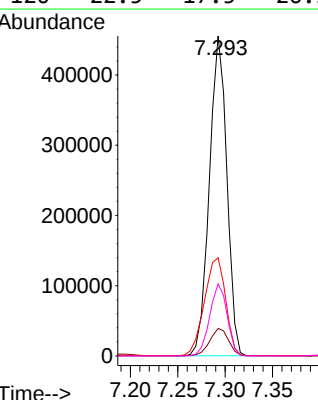
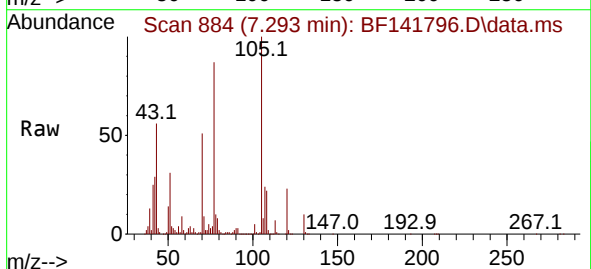
Ion Ratio Lower Upper

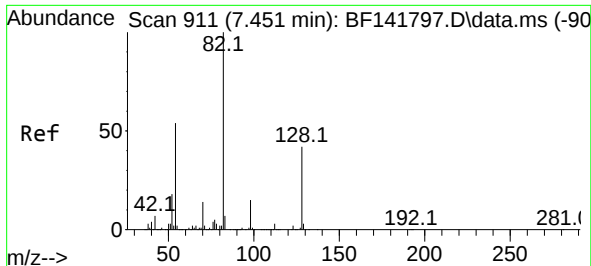
105 100

71 8.6 5.4 8.0#

51 30.7 26.1 39.1

120 22.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 40.590 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

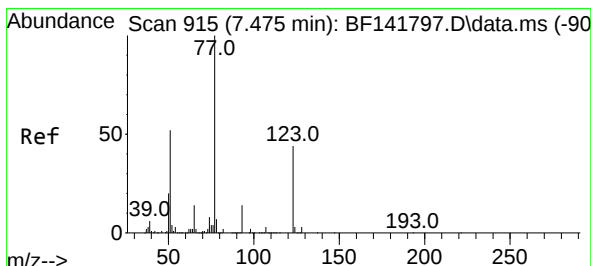
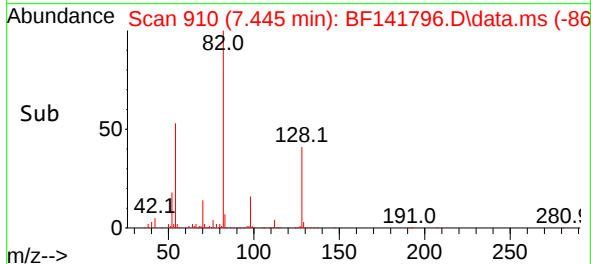
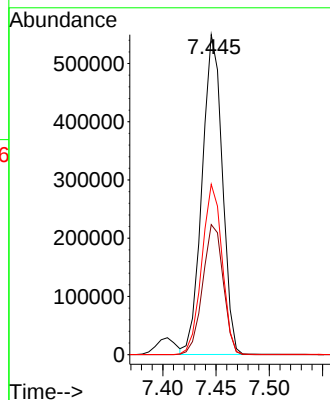
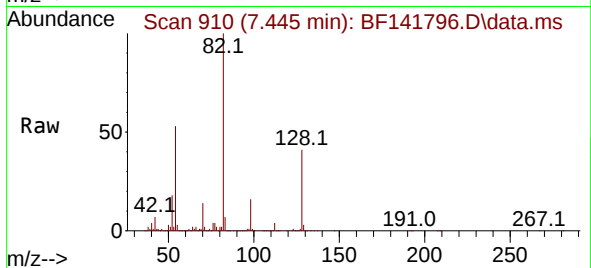
Tgt Ion: 82 Resp: 726034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.7  | 33.5  | 50.3  |
| 54  | 53.3  | 42.7  | 64.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#24

Nitrobenzene

Concen: 20.649 ng

RT: 7.463 min Scan# 913

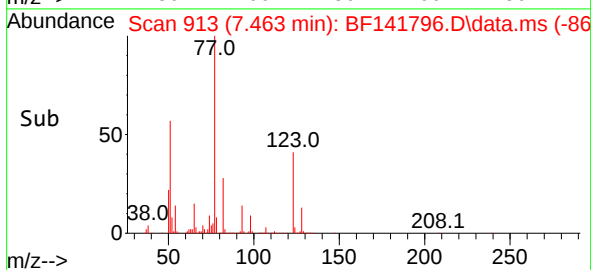
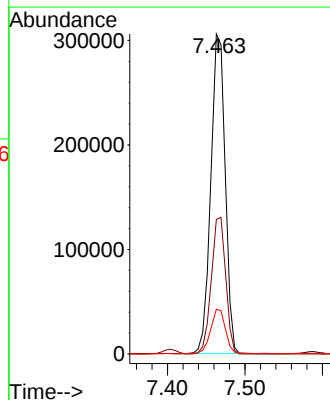
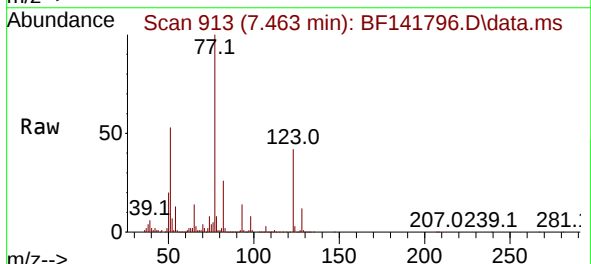
Delta R.T. -0.012 min

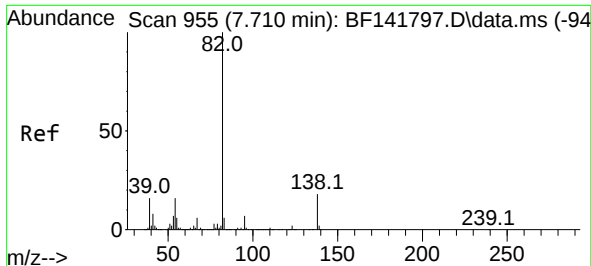
Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Tgt Ion: 77 Resp: 395521

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.1  | 35.8  | 53.8  |
| 65  | 14.0  | 11.2  | 16.8  |





#25  
Isophorone  
Concen: 20.541 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

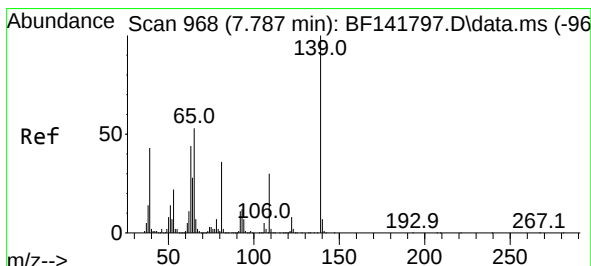
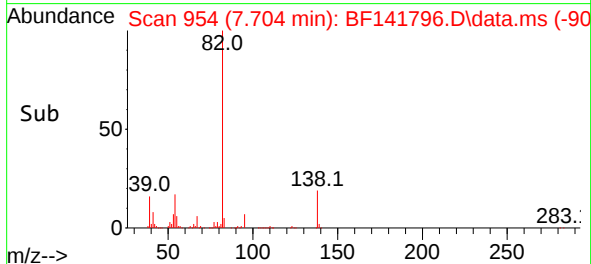
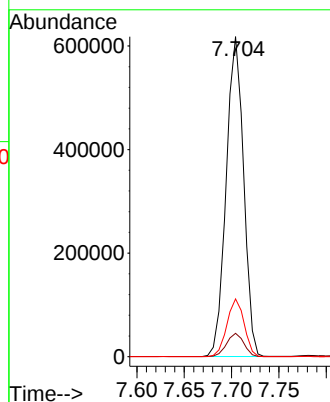
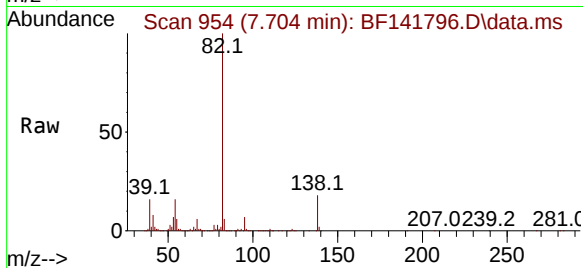
SSTDICC020

Tgt Ion: 82 Resp: 789349  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 18.1 14.0 21.0

Manual Integrations

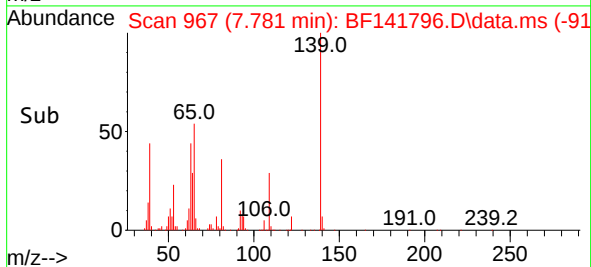
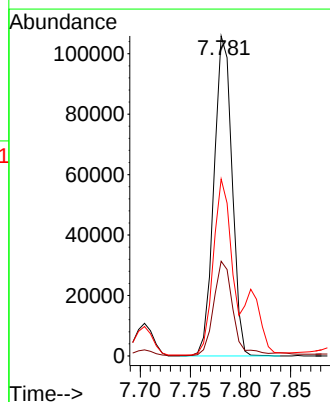
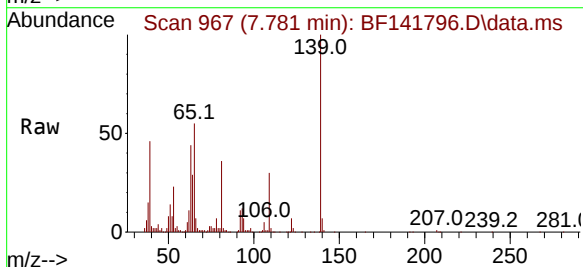
APPROVED

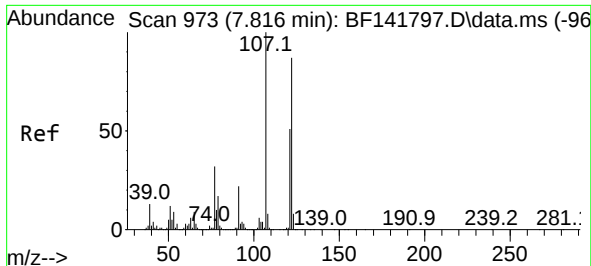
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#26  
2-Nitrophenol  
Concen: 18.604 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:139 Resp: 132844  
Ion Ratio Lower Upper  
139 100  
109 29.6 24.1 36.1  
65 55.3 42.3 63.5





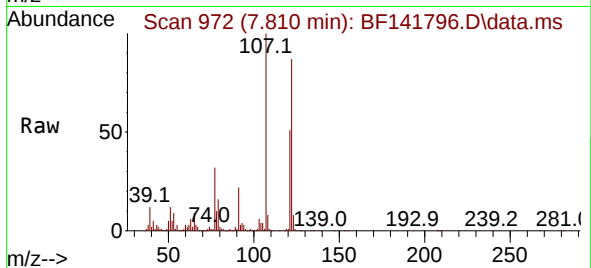
#27  
2,4-Dimethylphenol  
Concen: 20.740 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

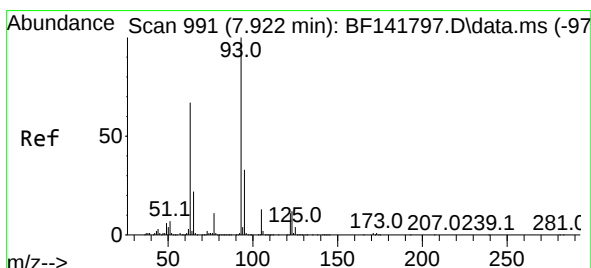
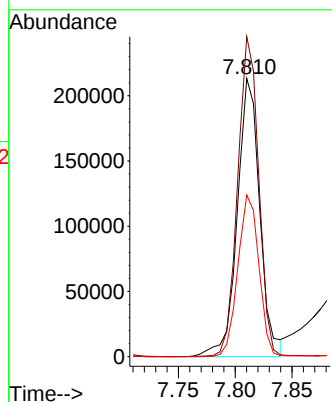
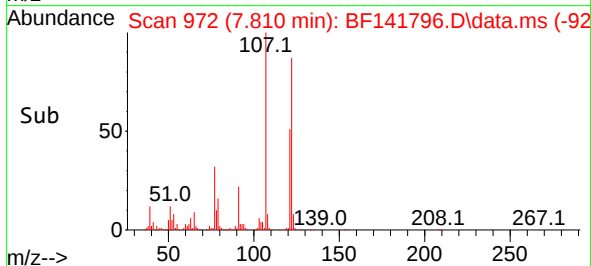


Tgt Ion:122 Resp: 292960  
Ion Ratio Lower Upper  
122 100  
107 115.0 92.5 138.7  
121 58.1 47.1 70.7

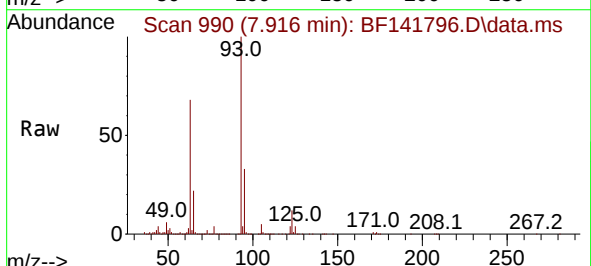
Manual Integrations

APPROVED

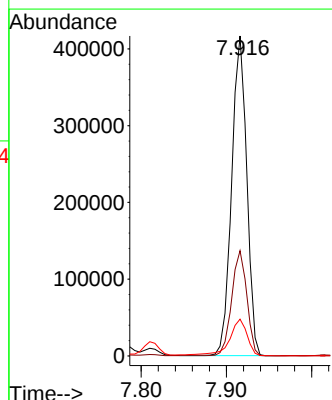
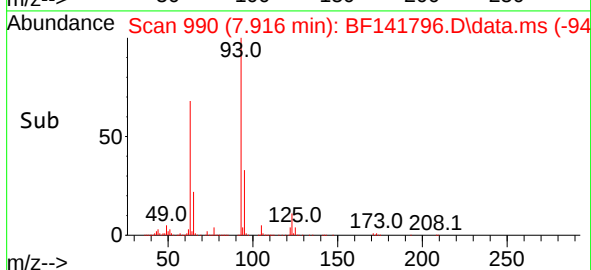
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

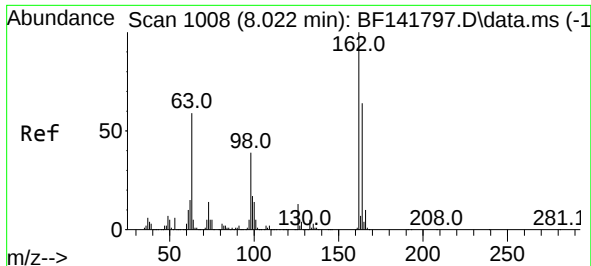


#28  
bis(2-Chloroethoxy)methane  
Concen: 20.966 ng  
RT: 7.916 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion: 93 Resp: 513944  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.5 39.7  
123 11.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 20.749 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

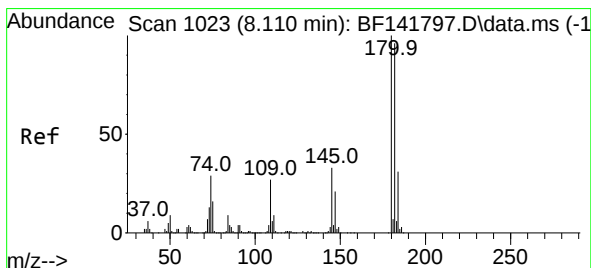
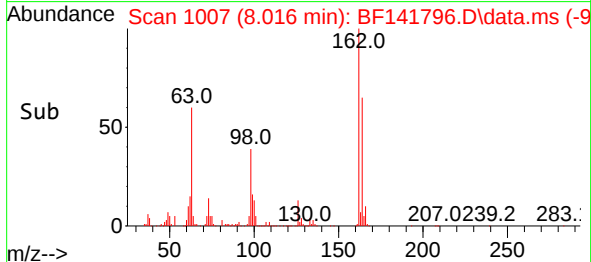
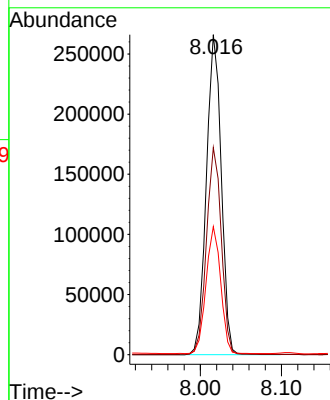
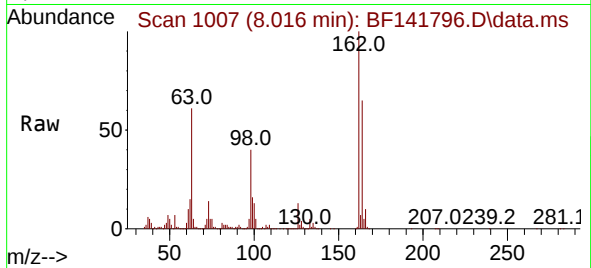
Tgt Ion:162 Resp: 33812  
 Ion Ratio Lower Upper  
 162 100  
 164 64.7 44.3 84.3  
 98 40.0 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.955 ng

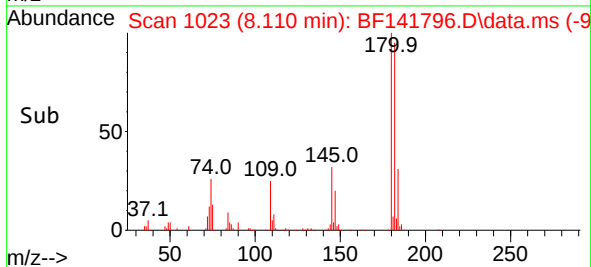
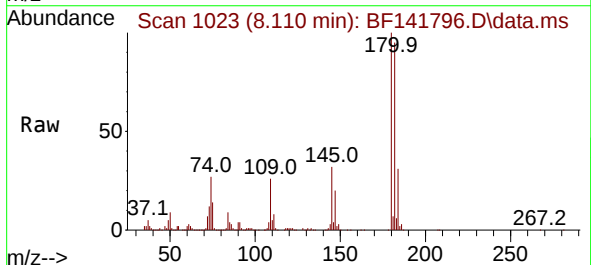
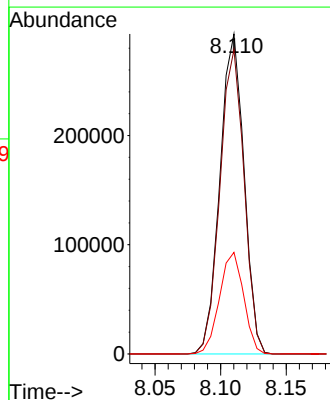
RT: 8.110 min Scan# 1023

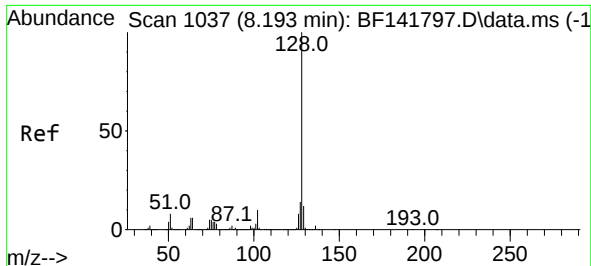
Delta R.T. -0.000 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

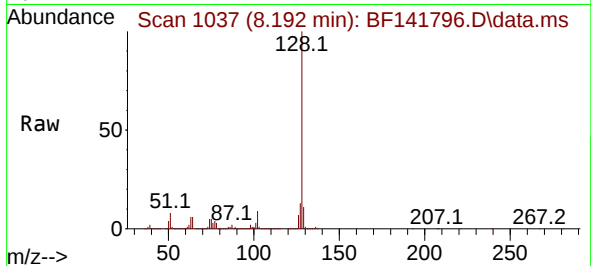
Tgt Ion:180 Resp: 374188  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 76.8 115.2  
 145 31.8 26.4 39.6





#31  
Naphthalene  
Concen: 21.409 ng  
RT: 8.192 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

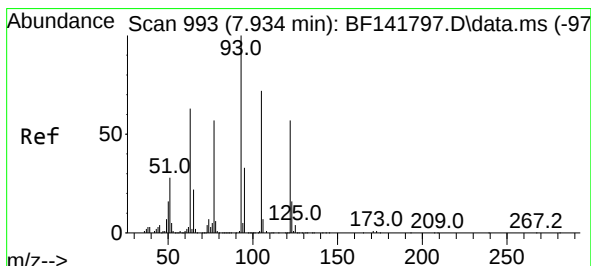
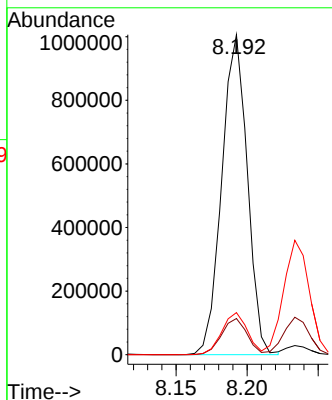
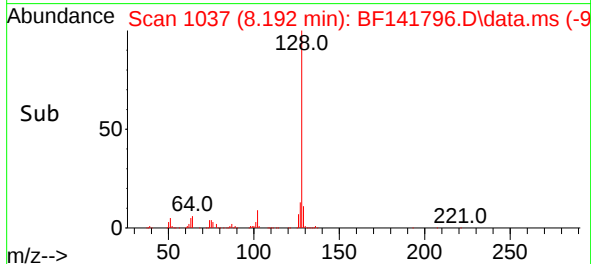
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:128 Resp: 125808  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.2 11.0 16.4

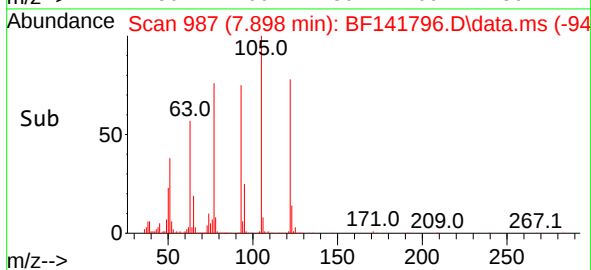
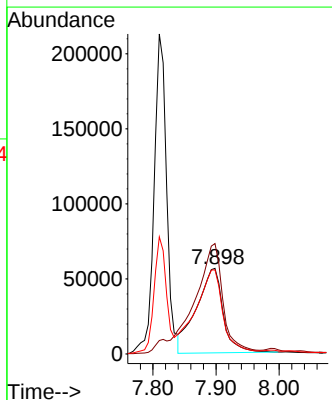
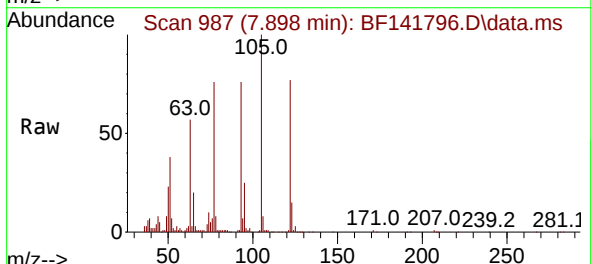
Manual Integrations  
APPROVED

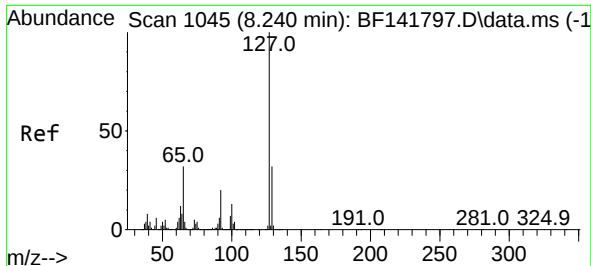
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#32  
Benzoic acid  
Concen: 19.487 ng  
RT: 7.898 min Scan# 987  
Delta R.T. -0.036 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:122 Resp: 165613  
Ion Ratio Lower Upper  
122 100  
105 129.2 105.8 145.8  
77 98.4 79.9 119.9





#33  
4-Chloroaniline  
Concen: 21.097 ng  
RT: 8.234 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

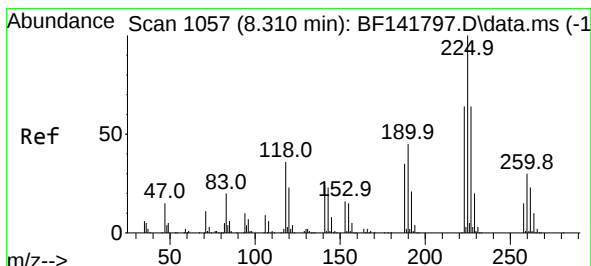
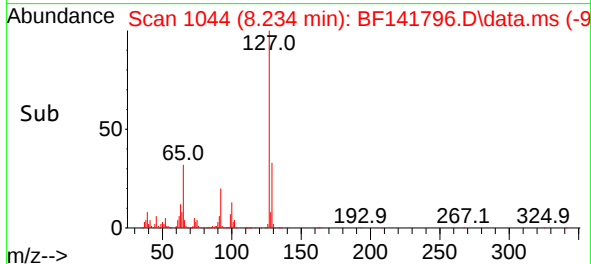
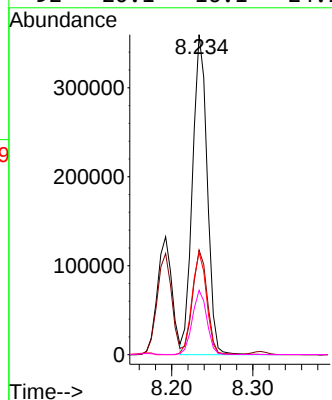
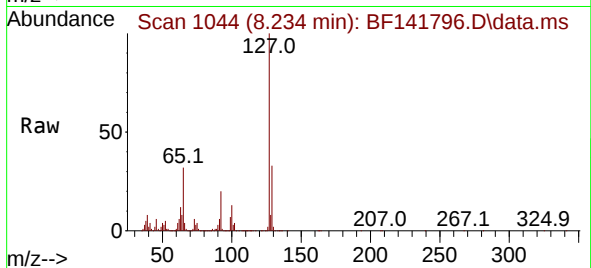
SSTDICC020

Tgt Ion:127 Resp: 45456  
Ion Ratio Lower Upper  
127 100  
129 32.7 26.1 39.1  
65 32.0 25.7 38.5  
92 20.1 16.1 24.1

Manual Integrations

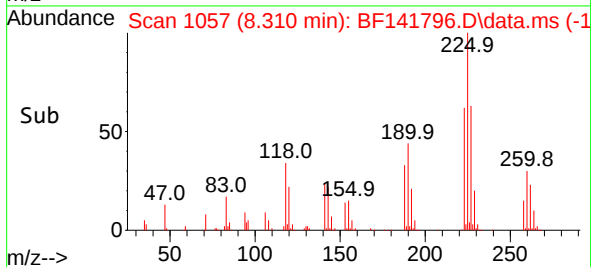
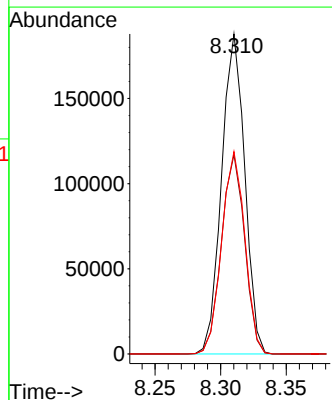
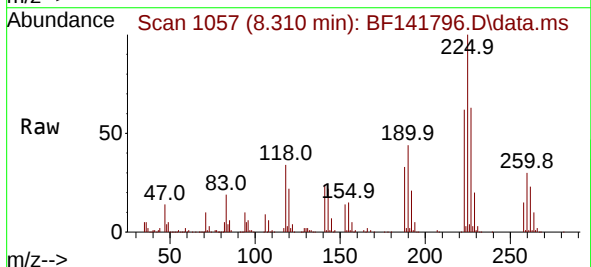
APPROVED

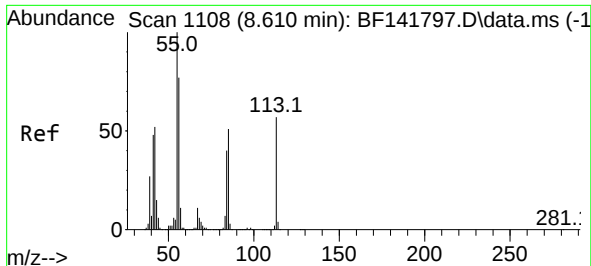
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#34  
Hexachlorobutadiene  
Concen: 20.776 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:225 Resp: 230541  
Ion Ratio Lower Upper  
225 100  
223 62.3 51.4 77.2  
227 63.2 51.6 77.4





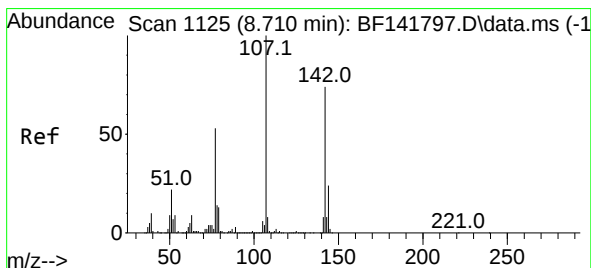
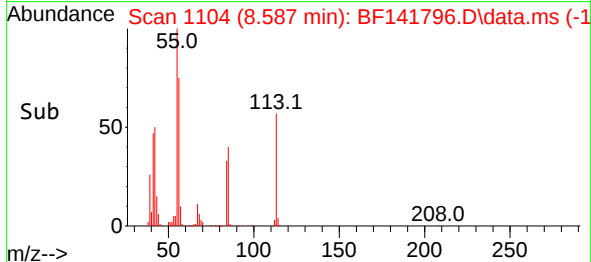
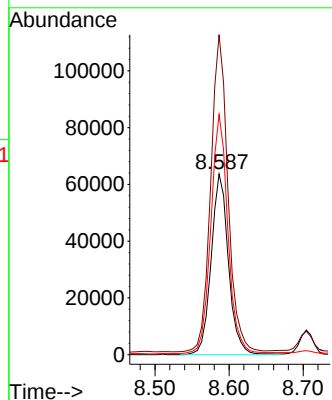
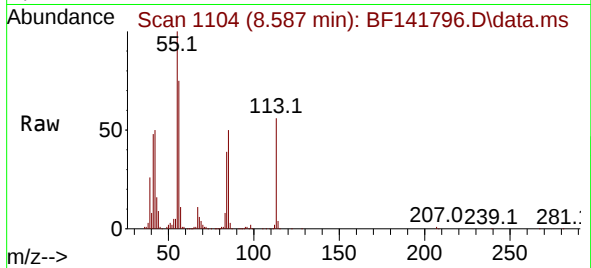
#35  
Caprolactam  
Concen: 20.521 ng  
RT: 8.587 min Scan# 1104  
Delta R.T. -0.024 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:113 Resp: 102898  
Ion Ratio Lower Upper  
113 100  
55 177.2 155.6 195.6  
56 132.9 114.6 154.6

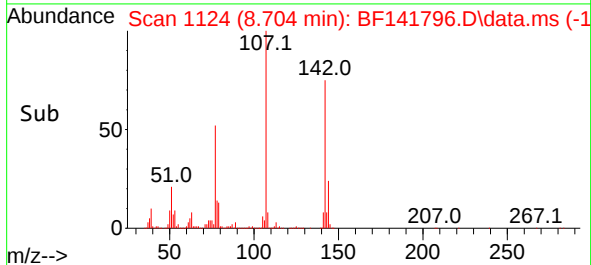
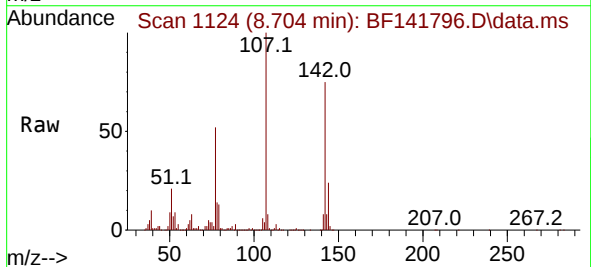
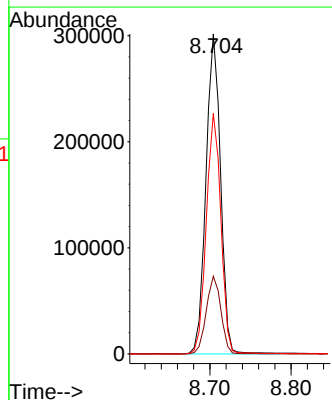
Manual Integrations  
APPROVED

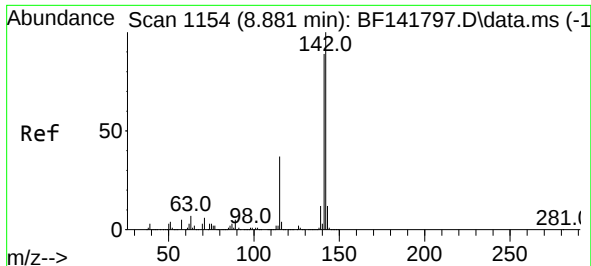
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#36  
4-Chloro-3-methylphenol  
Concen: 20.776 ng  
RT: 8.704 min Scan# 1124  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

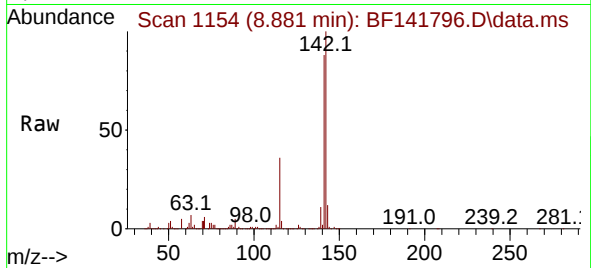
Tgt Ion:107 Resp: 376094  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.4 29.0  
142 75.1 59.4 89.0





#37  
2-Methylnaphthalene  
Concen: 21.443 ng  
RT: 8.881 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

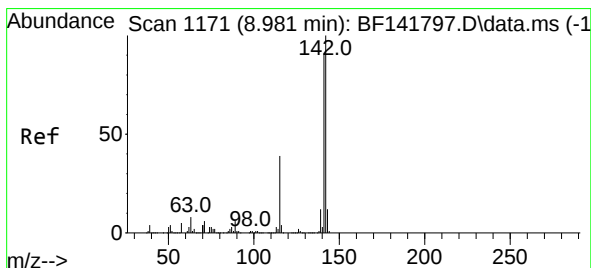
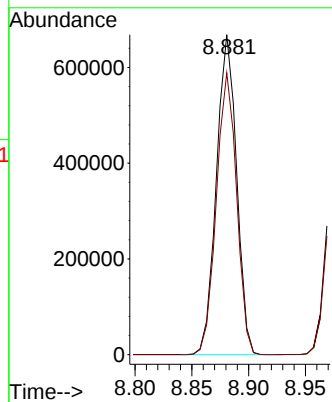
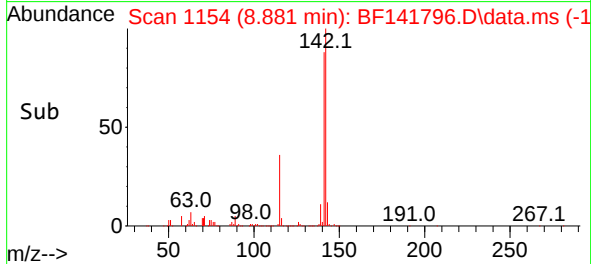
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:142 Resp: 82649  
Ion Ratio Lower Upper  
142 100  
141 88.1 71.1 106.7

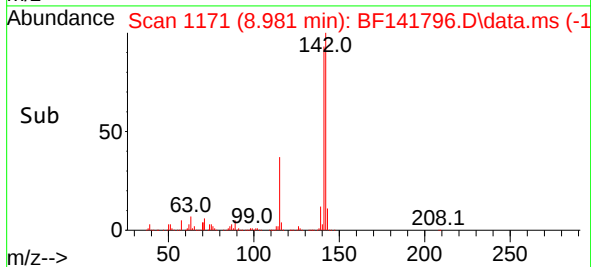
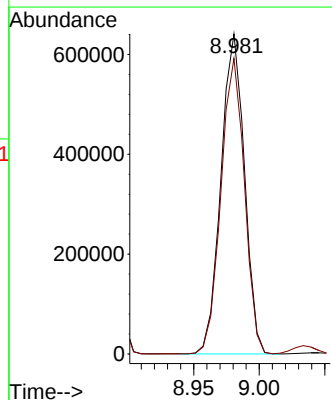
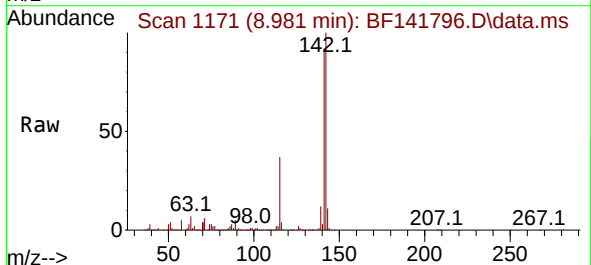
Manual Integrations  
APPROVED

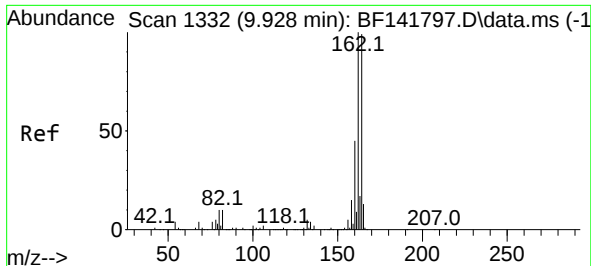
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#38  
1-Methylnaphthalene  
Concen: 21.545 ng  
RT: 8.981 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

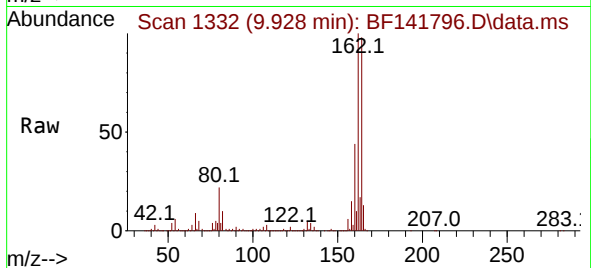
Tgt Ion:142 Resp: 796808  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.1 109.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

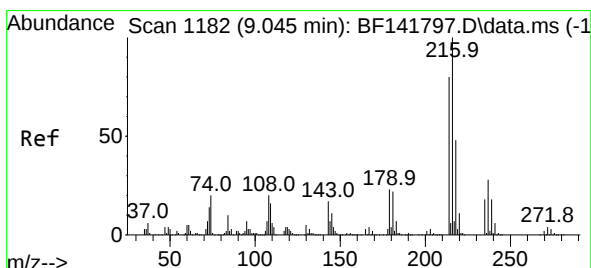
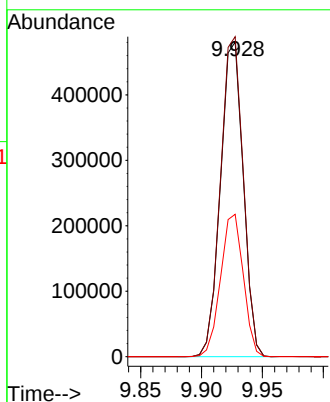
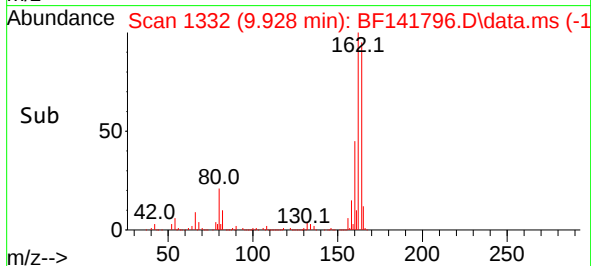
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



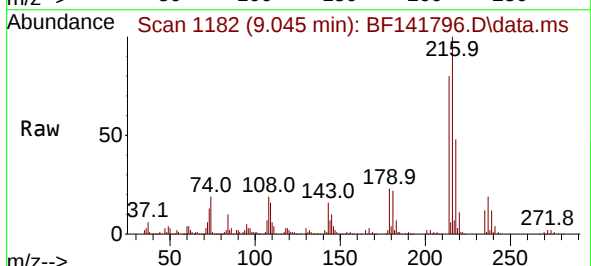
Tgt Ion:164 Resp: 626338  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.6 120.8  
160 45.3 36.3 54.5

Manual Integrations  
APPROVED

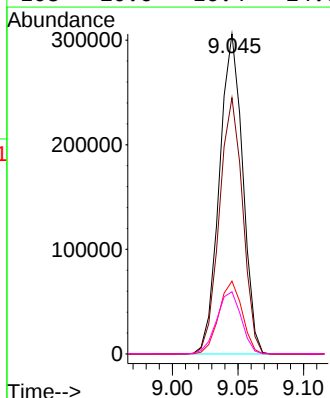
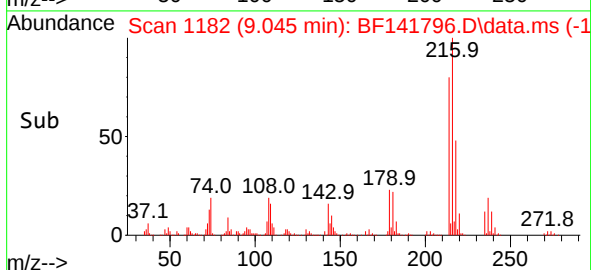
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

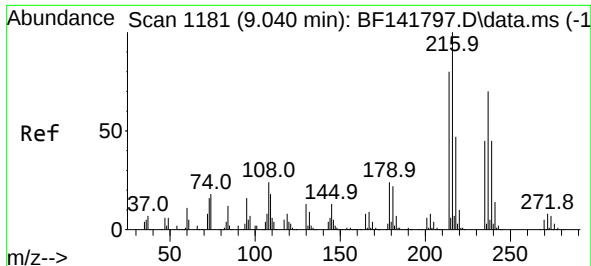


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.861 ng  
RT: 9.045 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



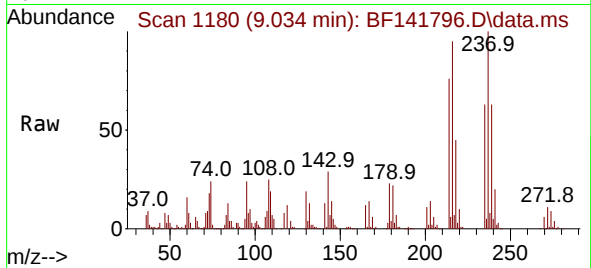
Tgt Ion:216 Resp: 377360  
Ion Ratio Lower Upper  
216 100  
214 80.0 63.5 95.3  
179 22.8 18.1 27.1  
108 20.6 16.4 24.6





#41  
Hexachlorocyclopentadiene  
Concen: 20.943 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

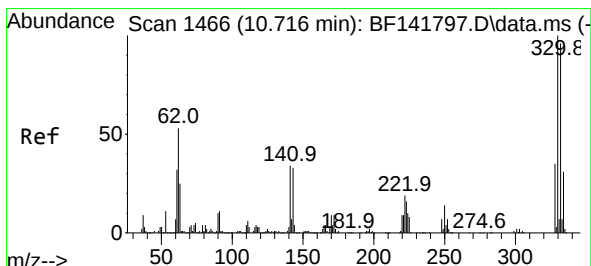
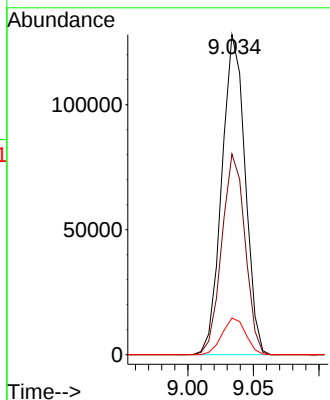
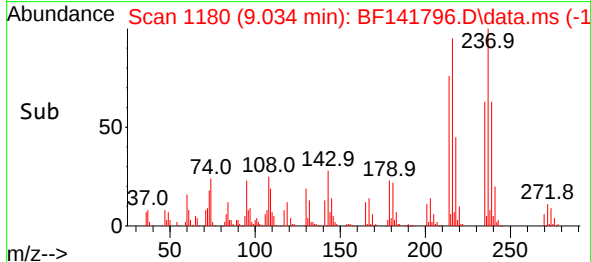
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



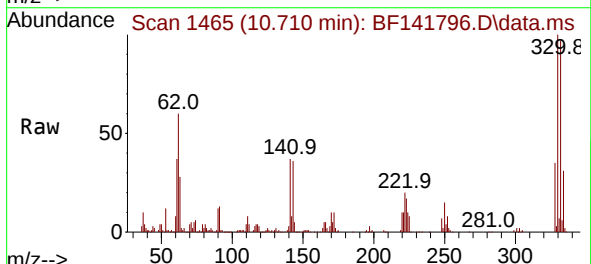
Tgt Ion:237 Resp: 15810  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.3 83.3  
272 11.4 0.0 31.9

Manual Integrations  
APPROVED

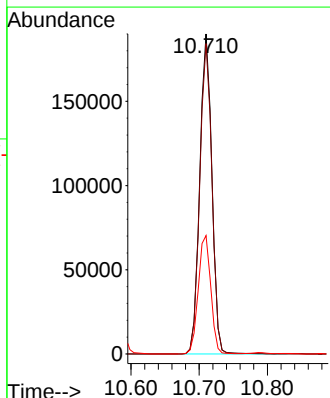
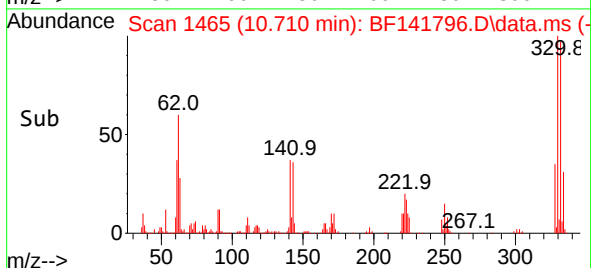
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

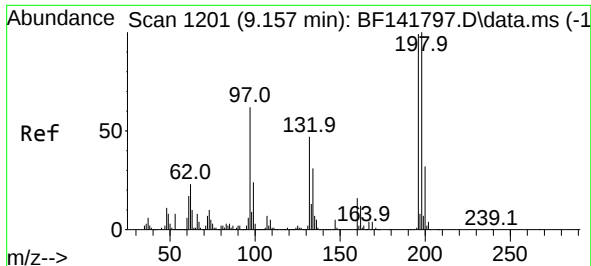


#42  
2,4,6-Tribromophenol  
Concen: 39.990 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion:330 Resp: 235147  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.6 115.0  
141 38.3 29.0 43.4





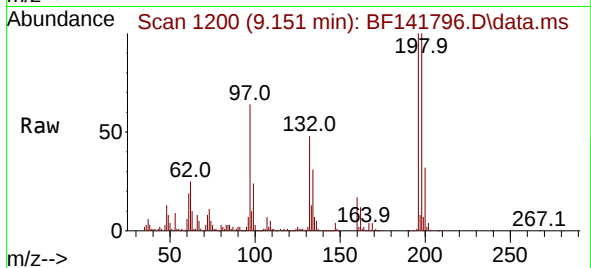
#43  
2,4,6-Trichlorophenol  
Concen: 20.419 ng  
RT: 9.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



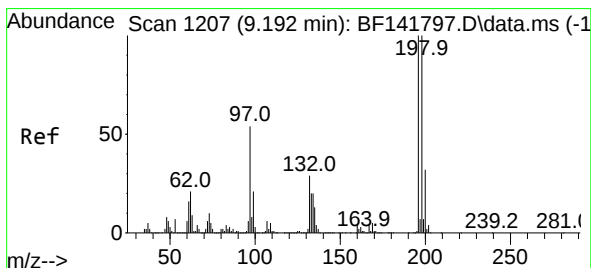
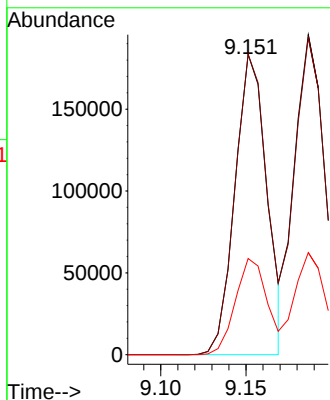
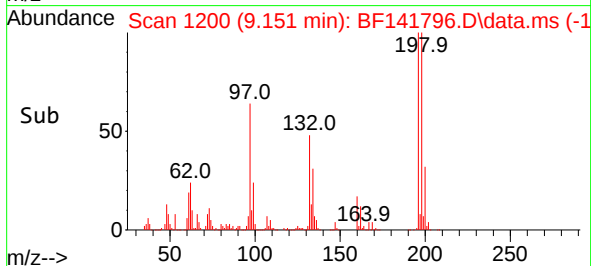
Tgt Ion:196 Resp: 23859  
Ion Ratio Lower Upper  
196 100  
198 100.1 80.4 120.6  
200 32.0 25.7 38.5

Manual Integrations

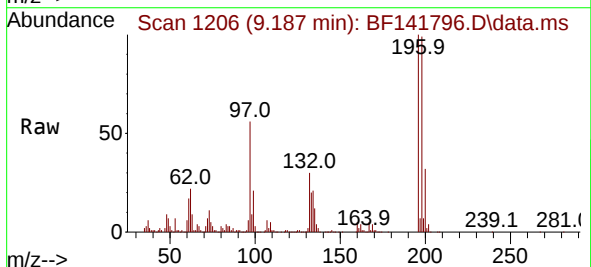
APPROVED

Reviewed By :Yogesh Patel 02/28/2025

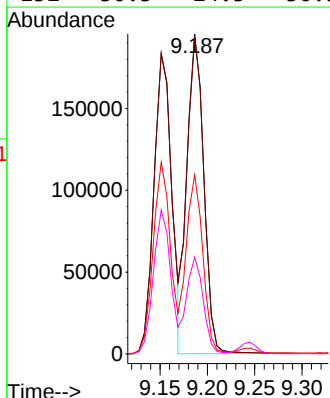
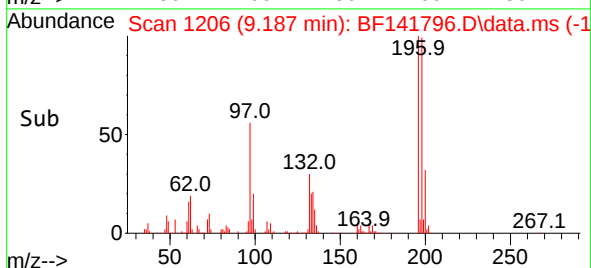
Supervised By :mohammad ahmed 02/28/2025

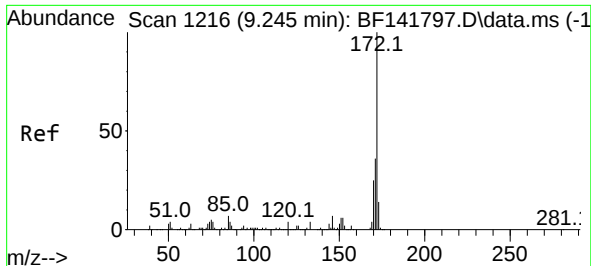


#44  
2,4,5-Trichlorophenol  
Concen: 20.976 ng  
RT: 9.187 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion:196 Resp: 242709  
Ion Ratio Lower Upper  
196 100  
198 99.1 79.7 119.5  
97 55.9 44.2 66.2  
132 30.3 24.3 36.5





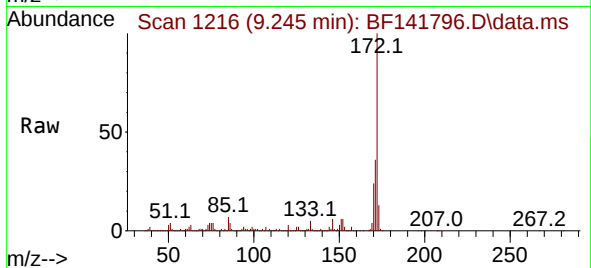
#45  
2-Fluorobiphenyl  
Concen: 43.170 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



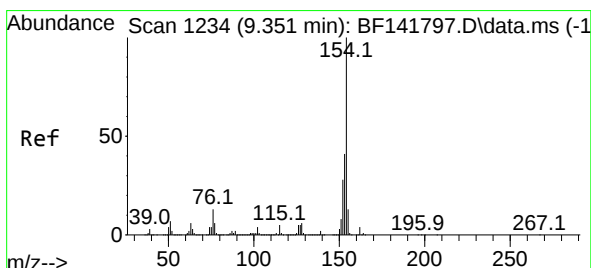
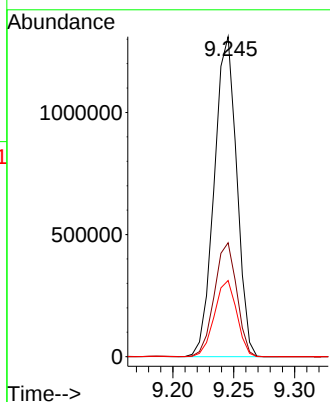
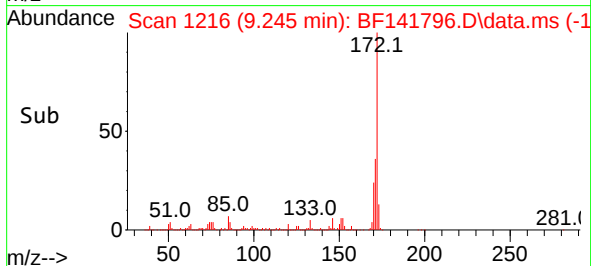
Tgt Ion:172 Resp: 1686318  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.2 43.8  
170 23.8 19.7 29.5

Manual Integrations

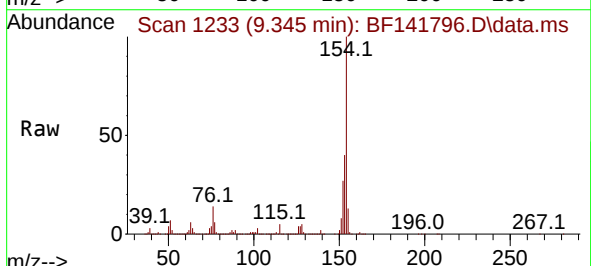
APPROVED

Reviewed By :Yogesh Patel 02/28/2025

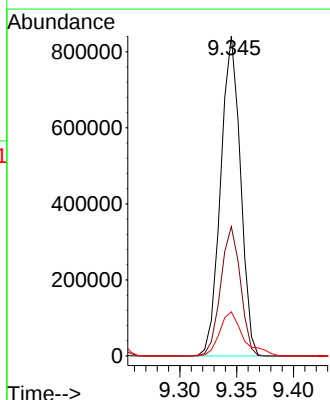
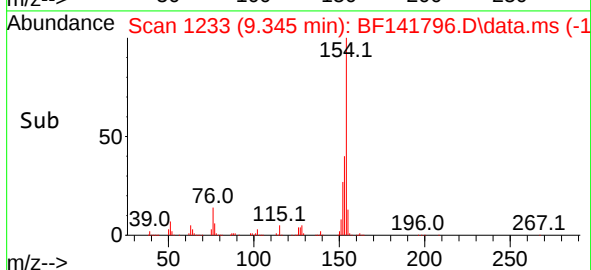
Supervised By :mohammad ahmed 02/28/2025

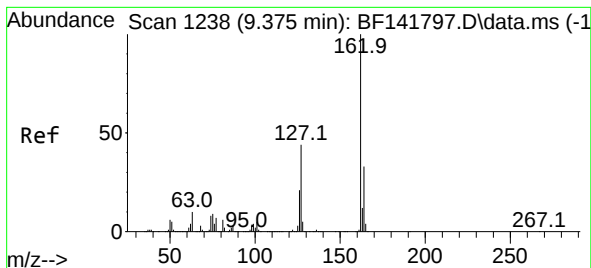


#46  
1,1'-Biphenyl  
Concen: 21.418 ng  
RT: 9.345 min Scan# 1233  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion:154 Resp: 1021081  
Ion Ratio Lower Upper  
154 100  
153 40.4 21.4 61.4  
76 13.8 0.0 33.4





#47

2-Chloronaphthalene

Concen: 21.375 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 75214

Ion Ratio Lower Upper

162 100

127 42.5 35.0 52.6

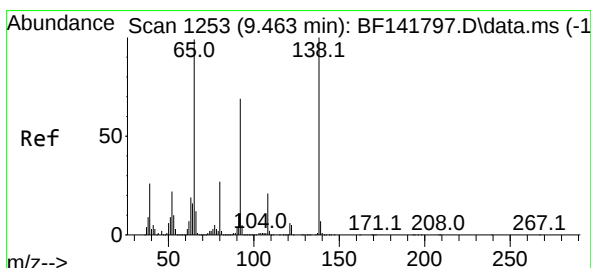
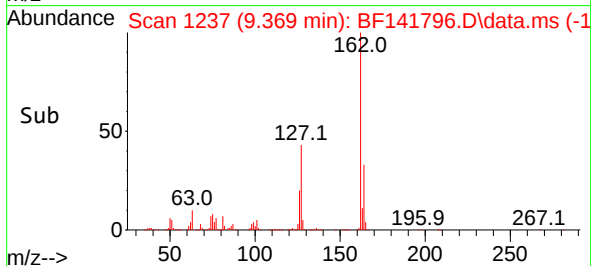
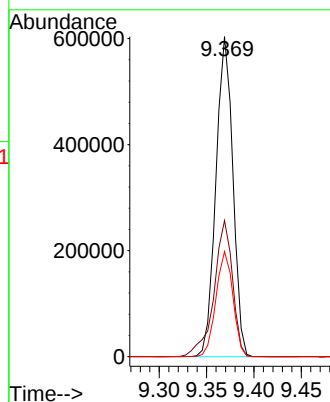
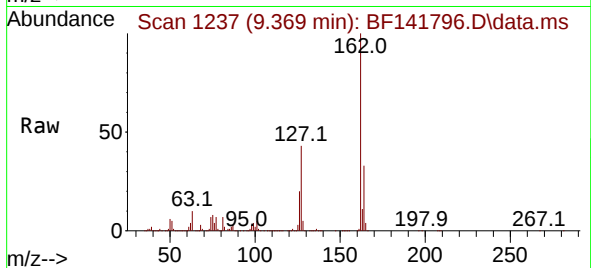
164 32.9 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#48

2-Nitroaniline

Concen: 18.870 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

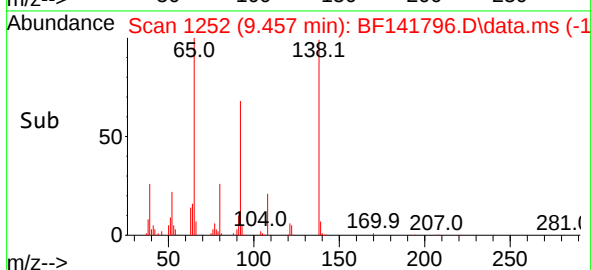
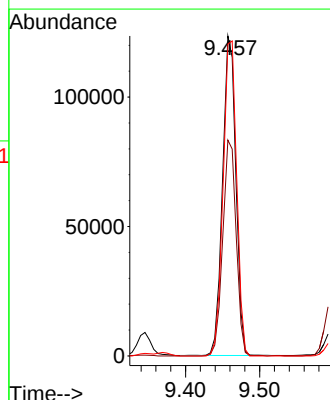
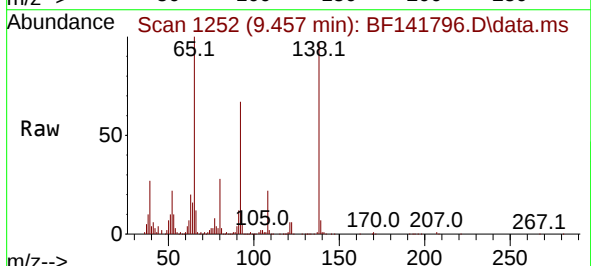
Tgt Ion: 65 Resp: 153869

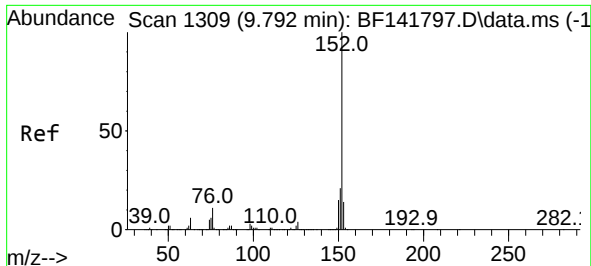
Ion Ratio Lower Upper

65 100

92 67.5 55.7 83.5

138 97.5 80.6 121.0





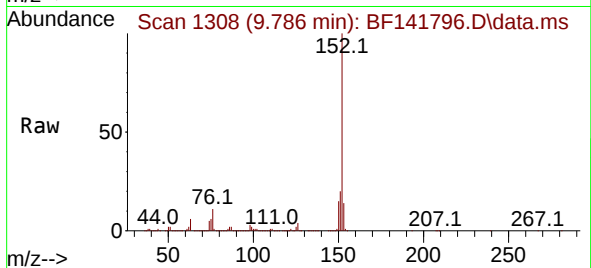
#49  
Acenaphthylene  
Concen: 21.349 ng  
RT: 9.786 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



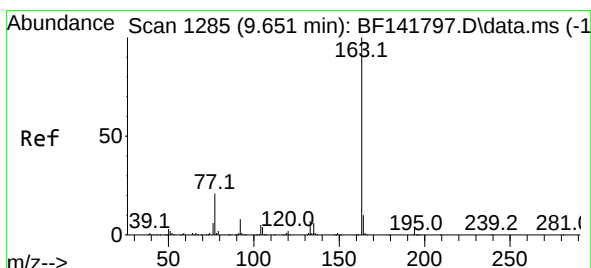
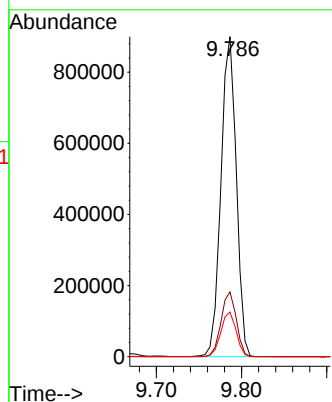
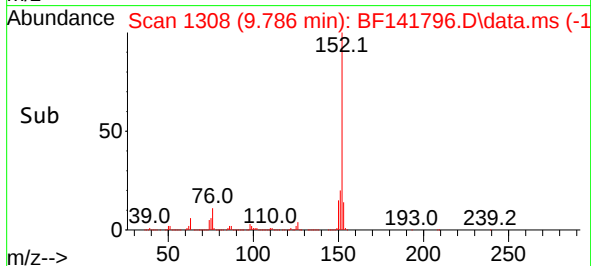
Tgt Ion:152 Resp: 112630  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.6 24.8  
153 13.9 11.2 16.8

Manual Integrations

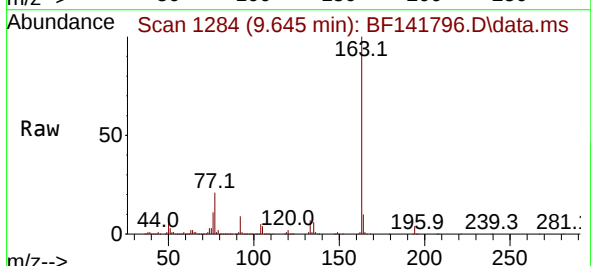
APPROVED

Reviewed By :Yogesh Patel 02/28/2025

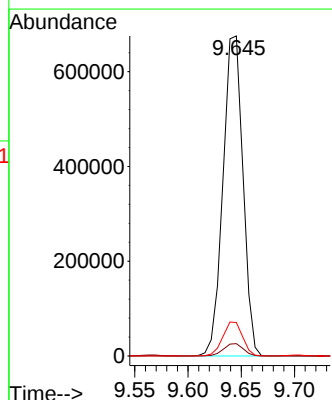
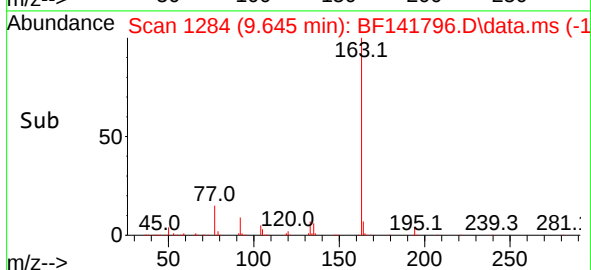
Supervised By :mohammad ahmed 02/28/2025

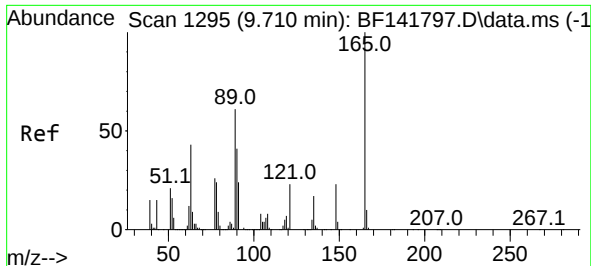


#50  
Dimethylphthalate  
Concen: 20.977 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion:163 Resp: 879870  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.4 8.4 12.6





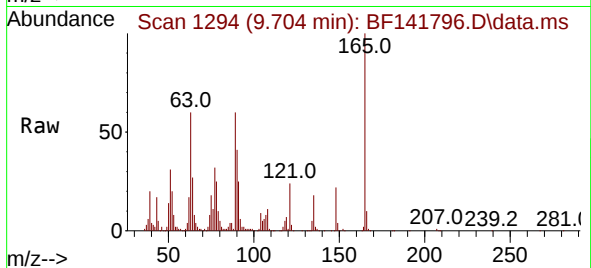
#51  
2,6-Dinitrotoluene  
Concen: 19.796 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

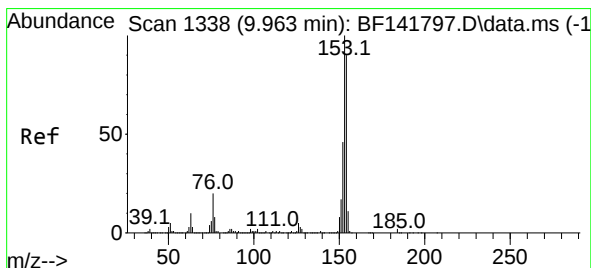
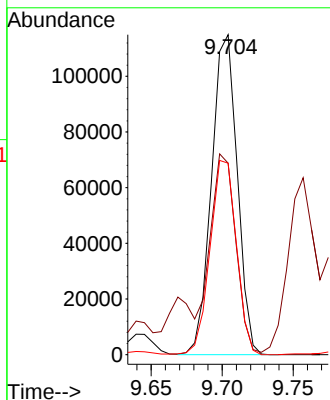
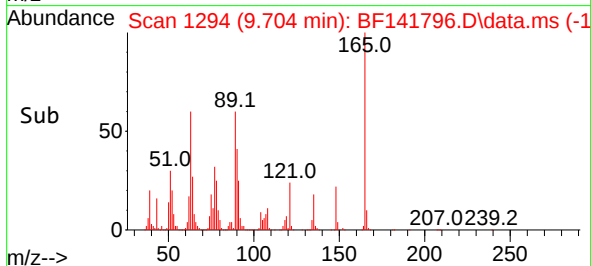


Tgt Ion:165 Resp: 144673  
Ion Ratio Lower Upper  
165 100  
63 59.9 49.5 74.3  
89 59.8 49.0 73.4

Manual Integrations

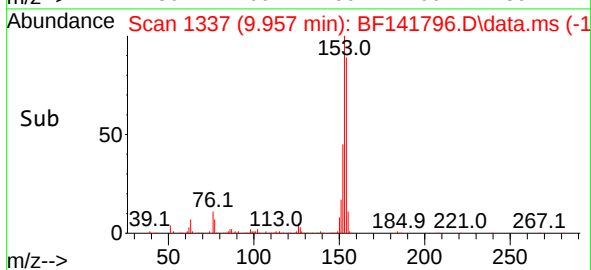
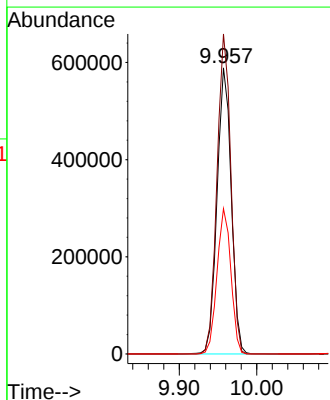
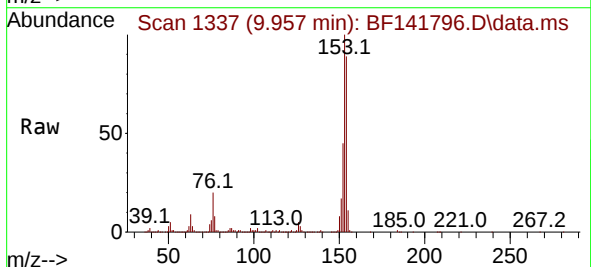
APPROVED

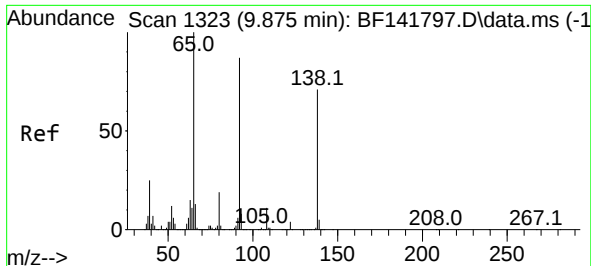
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#52  
Acenaphthene  
Concen: 21.068 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

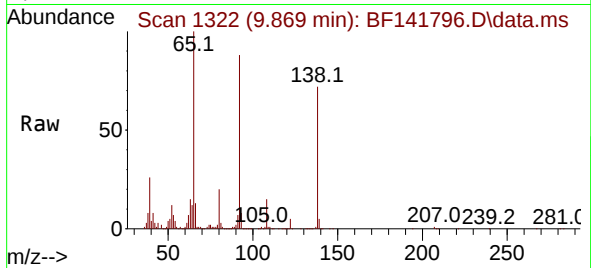
Tgt Ion:154 Resp: 749963  
Ion Ratio Lower Upper  
154 100  
153 111.9 88.7 133.1  
152 50.8 40.9 61.3





#53  
3-Nitroaniline  
Concen: 19.664 ng  
RT: 9.869 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

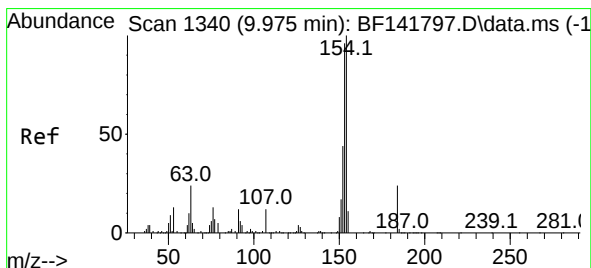
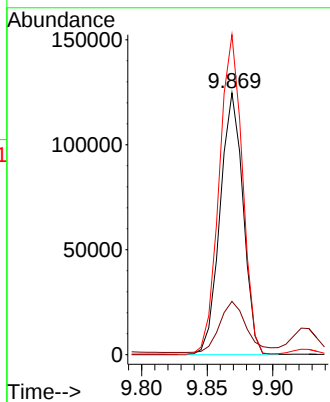
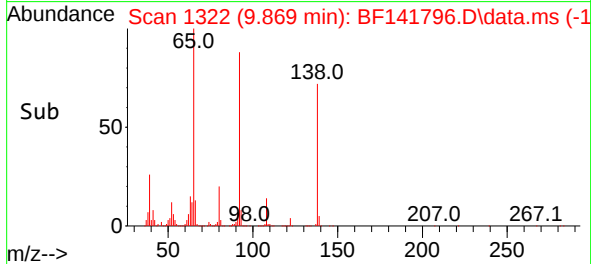
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



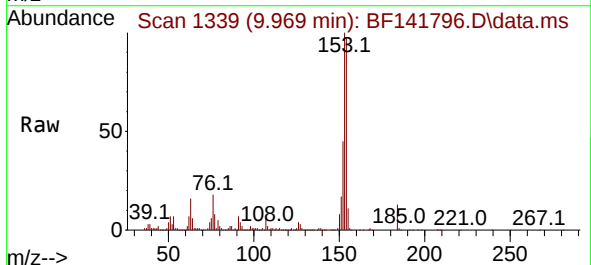
Tgt Ion:138 Resp: 152114  
Ion Ratio Lower Upper  
138 100  
108 20.3 12.7 19.1#  
92 122.3 97.9 146.9

Manual Integrations  
APPROVED

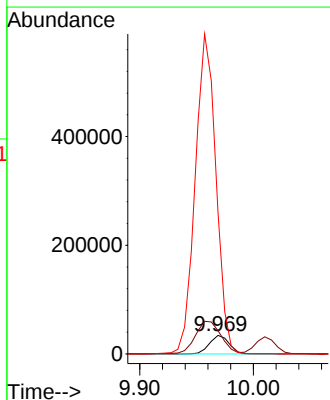
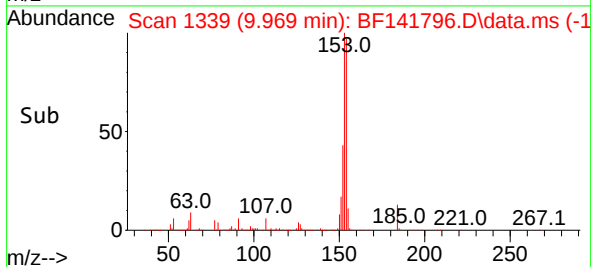
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

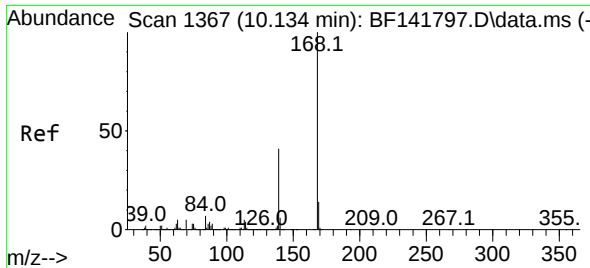


#54  
2,4-Dinitrophenol  
Concen: 19.116 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



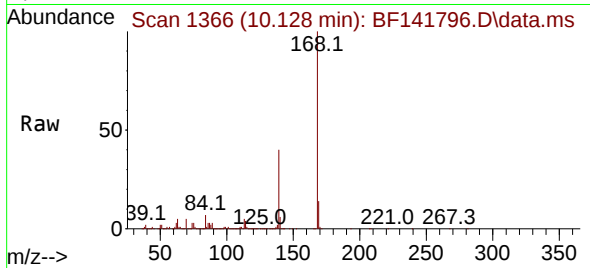
Tgt Ion:184 Resp: 41521  
Ion Ratio Lower Upper  
184 100  
63 125.2 79.0 118.6#  
154 760.8 335.8 503.8#





#55  
Dibenzenofuran  
Concen: 21.332 ng  
RT: 10.128 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

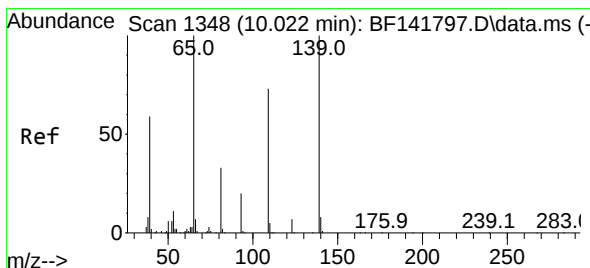
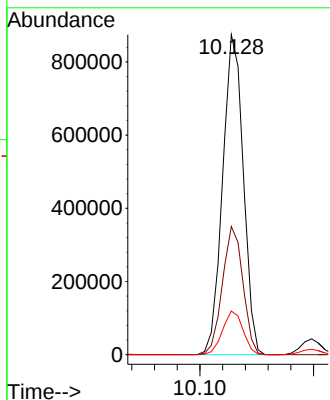
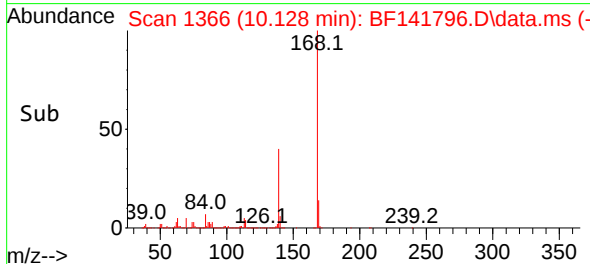
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:168 Resp: 1105278  
Ion Ratio Lower Upper  
168 100  
139 40.1 32.9 49.3  
169 13.6 11.1 16.7

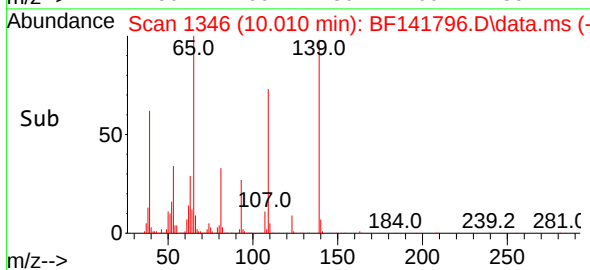
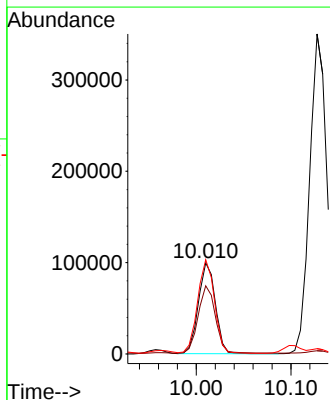
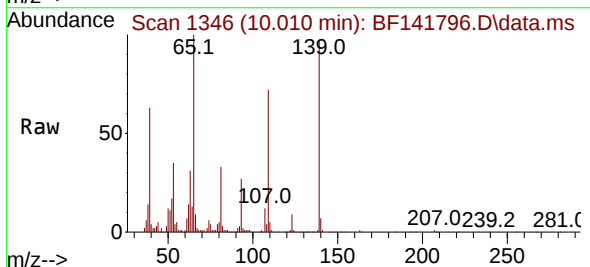
Manual Integrations  
APPROVED

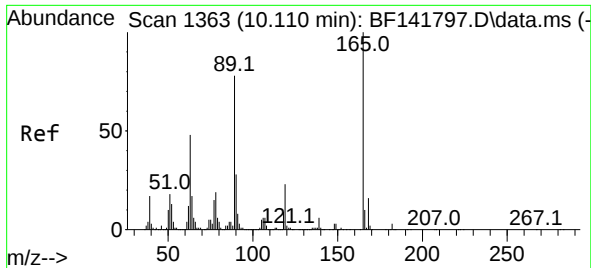
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#56  
4-Nitrophenol  
Concen: 19.922 ng  
RT: 10.010 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

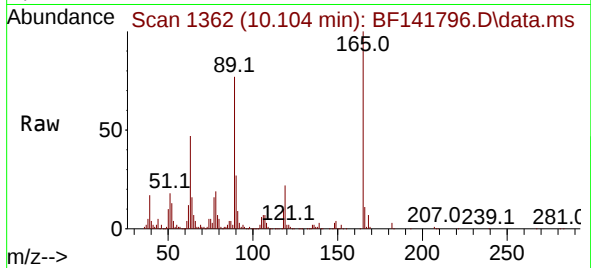
Tgt Ion:139 Resp: 123415  
Ion Ratio Lower Upper  
139 100  
109 74.8 53.4 93.4  
65 103.5 82.1 122.1





#57  
2,4-Dinitrotoluene  
Concen: 19.214 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

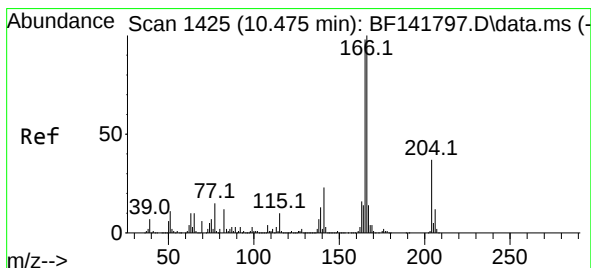
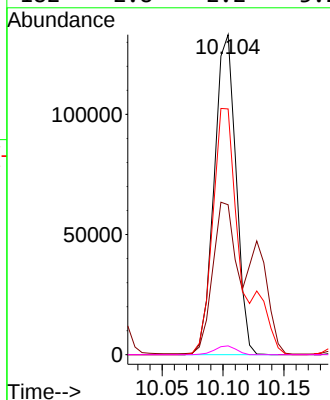
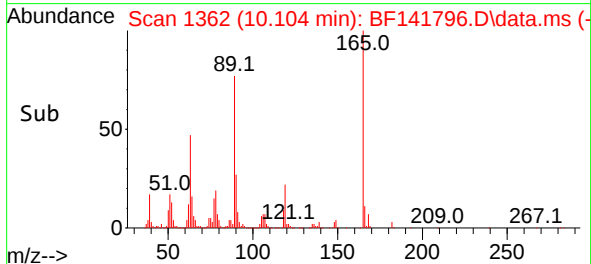
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:165 Resp: 165949  
Ion Ratio Lower Upper  
165 100  
63 46.9 38.8 58.2  
89 76.8 62.6 94.0  
182 2.8 2.2 3.2

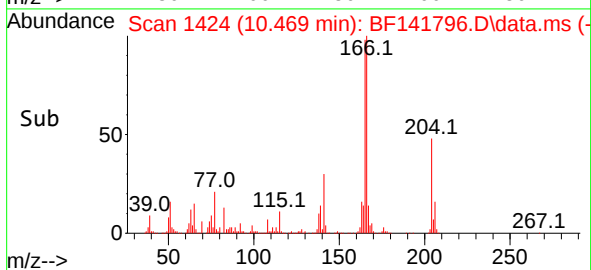
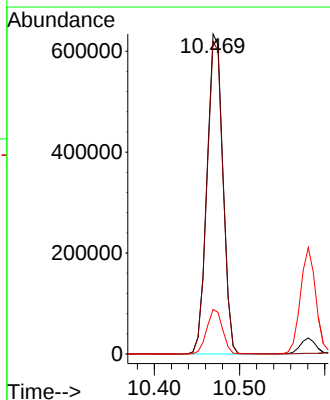
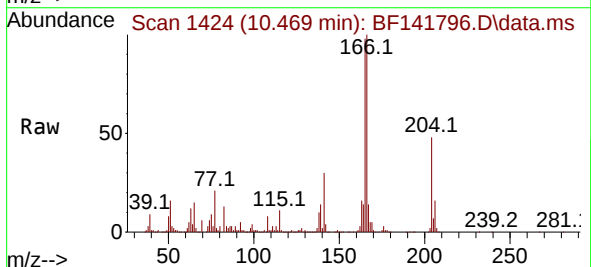
Manual Integrations  
APPROVED

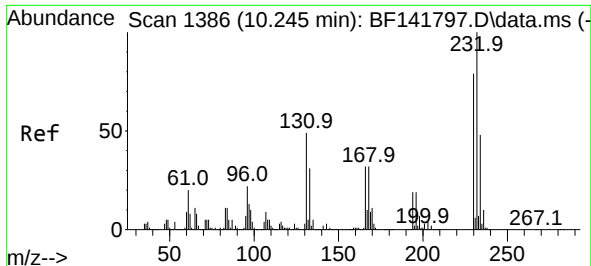
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#58  
Fluorene  
Concen: 21.187 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:166 Resp: 822264  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.6 117.8  
167 13.9 11.0 16.4





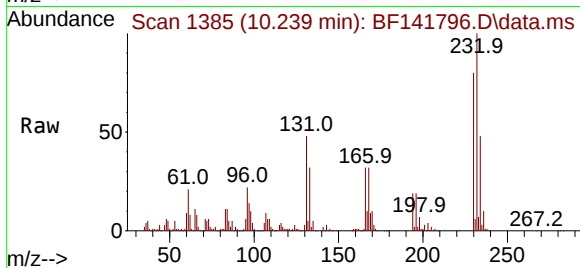
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.902 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

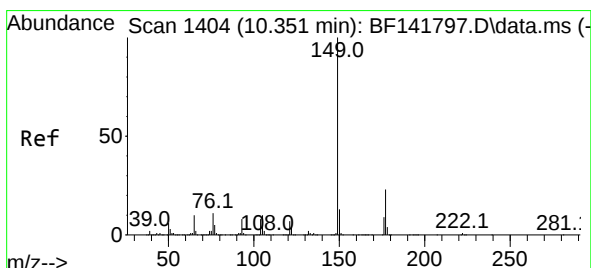
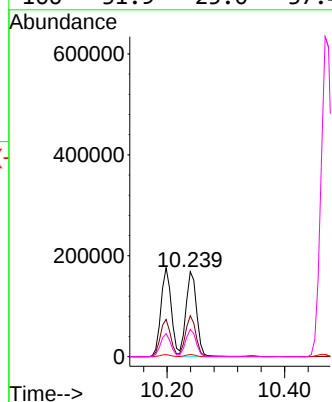
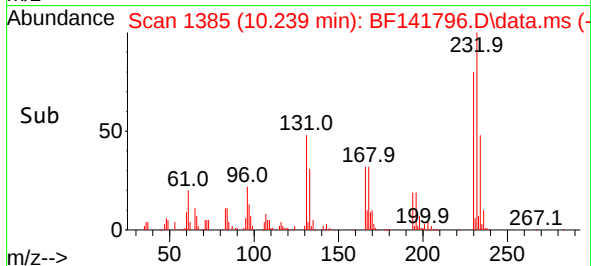


Tgt Ion:232 Resp: 210339  
Ion Ratio Lower Upper  
232 100  
131 47.6 37.8 56.8  
130 2.5 2.0 3.0  
166 31.9 25.0 37.4

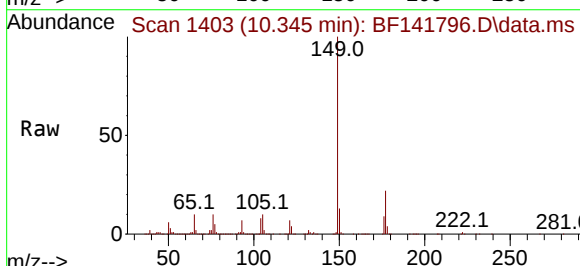
Manual Integrations

APPROVED

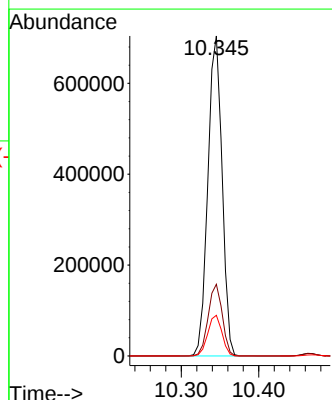
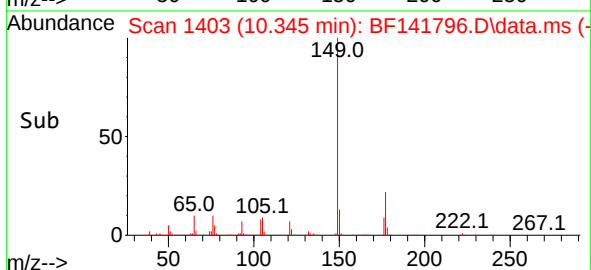
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

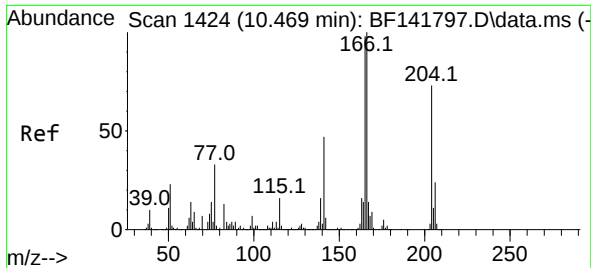


#60  
Diethylphthalate  
Concen: 21.264 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



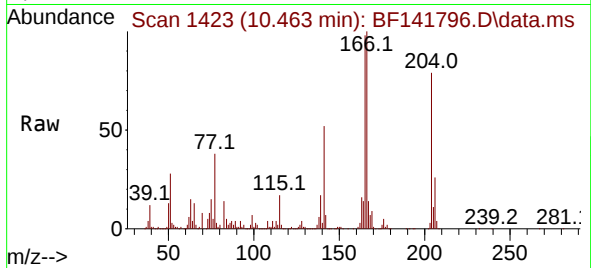
Tgt Ion:149 Resp: 894118  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.3 27.5  
150 12.7 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 21.069 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

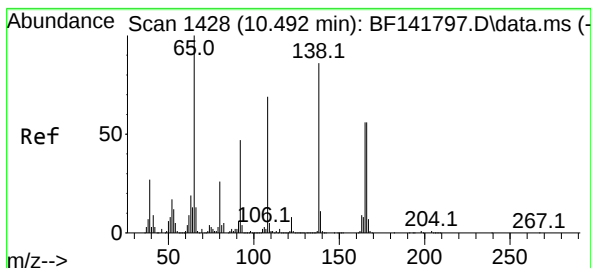
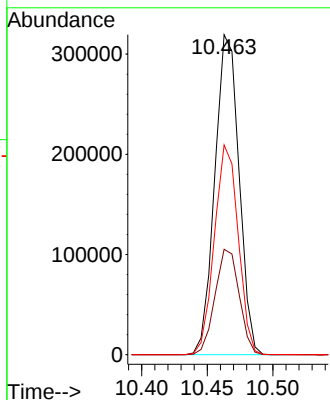
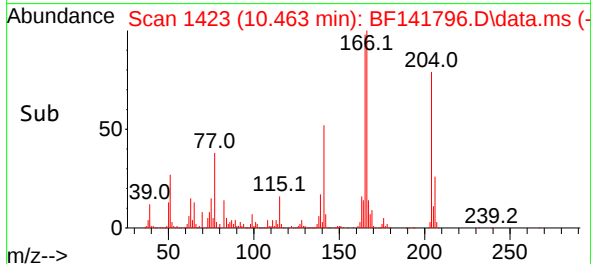
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



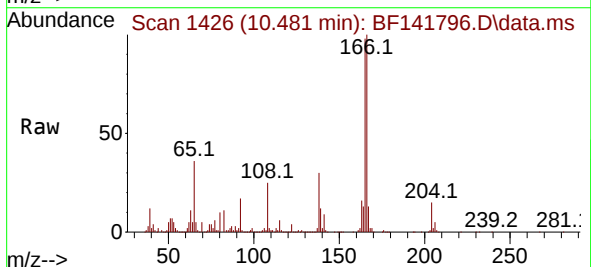
Tgt Ion:204 Resp: 409697  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.2 39.4  
141 65.6 51.7 77.5

Manual Integrations  
APPROVED

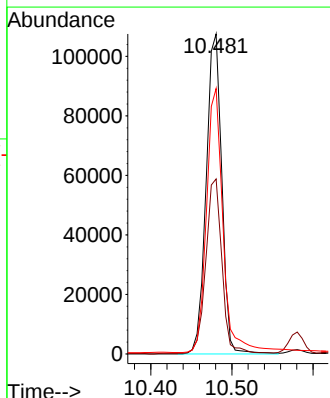
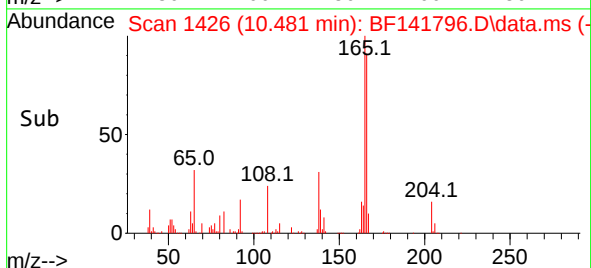
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

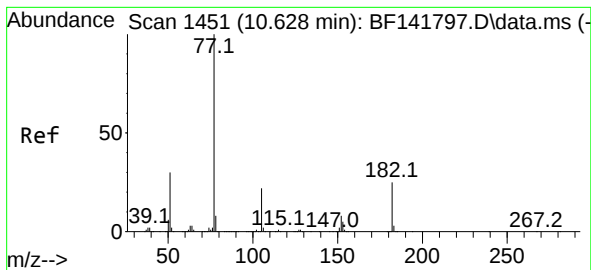


#62  
4-Nitroaniline  
Concen: 20.031 ng  
RT: 10.481 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



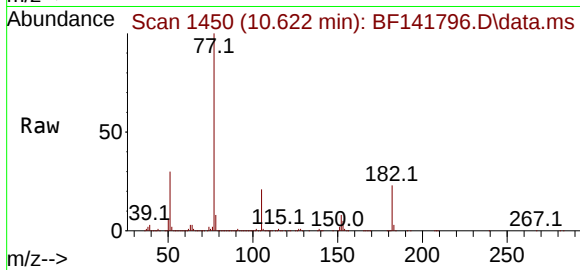
Tgt Ion:138 Resp: 143482  
Ion Ratio Lower Upper  
138 100  
92 54.7 34.9 74.9  
108 82.9 59.6 99.6





#63  
Azobenzene  
Concen: 21.288 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

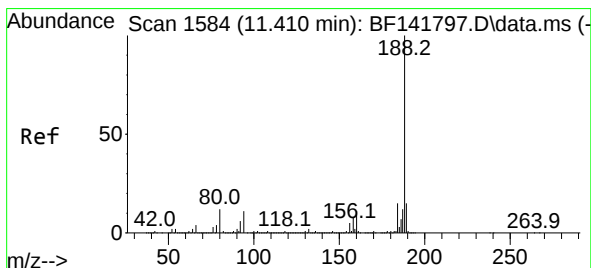
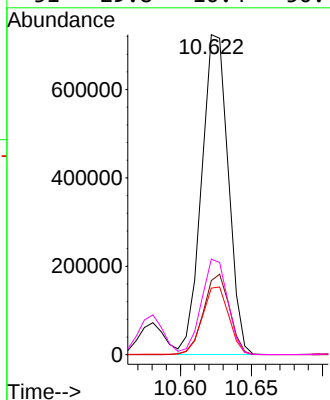
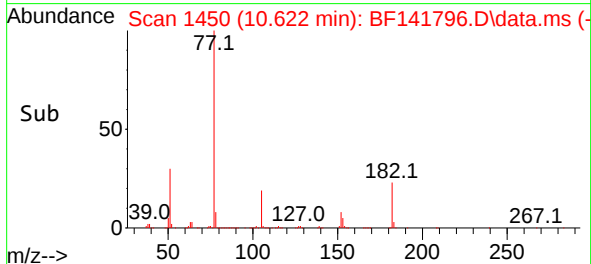
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 77 Resp: 942495  
Ion Ratio Lower Upper  
77 100  
182 23.2 4.2 44.2  
105 20.8 1.5 41.5  
51 29.8 10.4 50.4

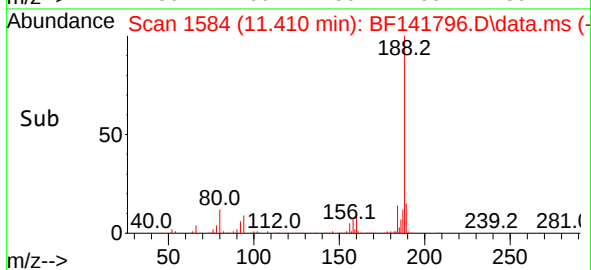
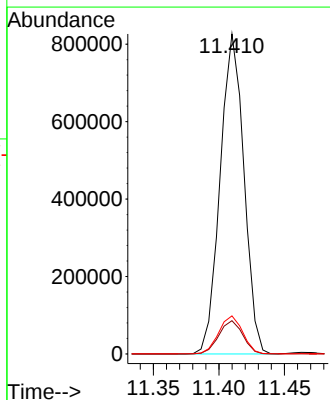
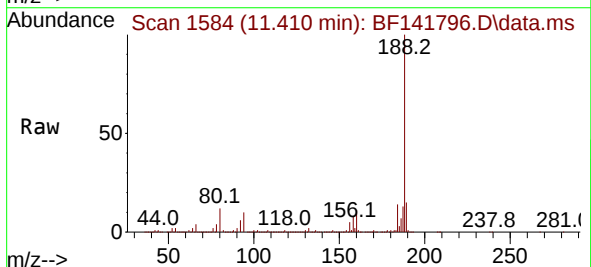
Manual Integrations  
APPROVED

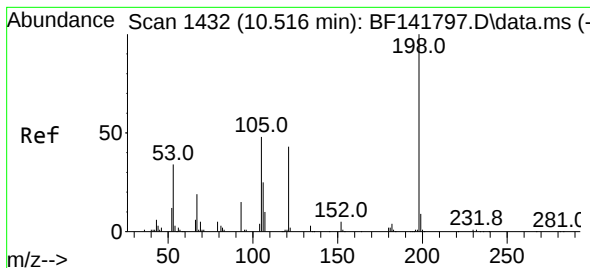
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:188 Resp: 1041715  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.9 13.3  
80 11.9 9.7 14.5





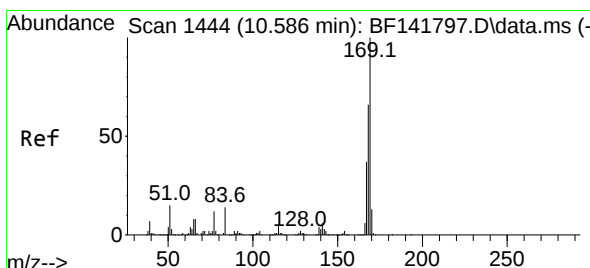
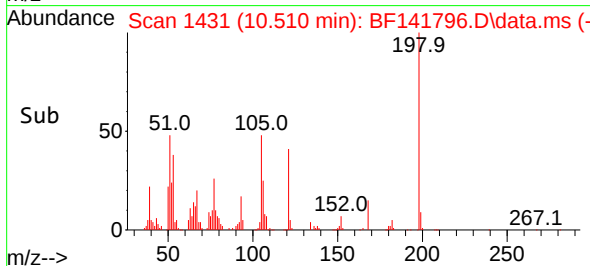
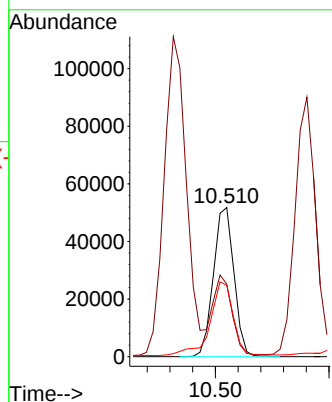
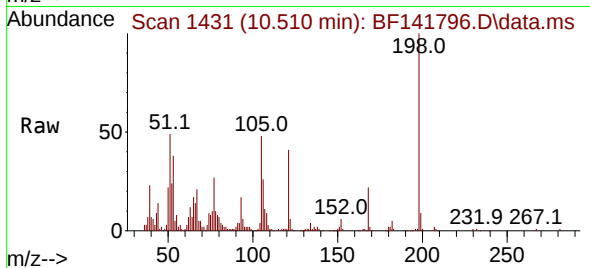
#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.161 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:198 Resp: 6516  
Ion Ratio Lower Upper  
198 100  
51 48.7 32.1 72.1  
105 47.9 28.5 68.5

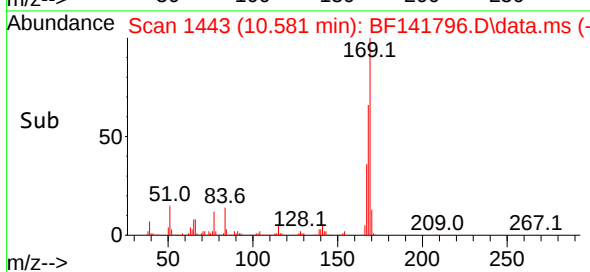
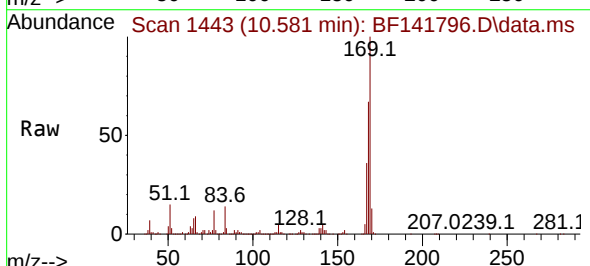
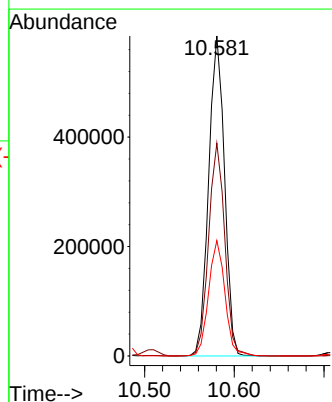
Manual Integrations  
APPROVED

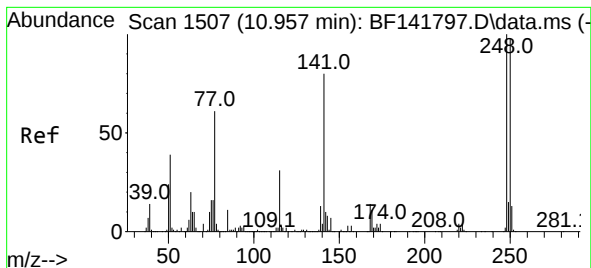
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#66  
n-Nitrosodiphenylamine  
Concen: 20.977 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

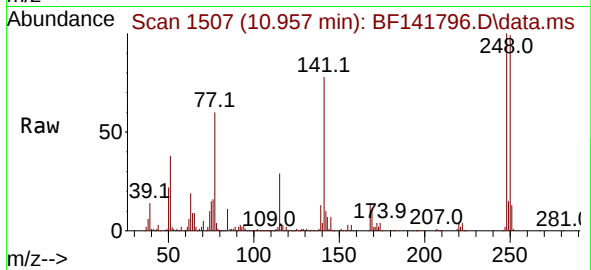
Tgt Ion:169 Resp: 717531  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.0 79.6  
167 36.0 29.3 43.9





#67  
4-Bromophenyl-phenylether  
Concen: 20.423 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

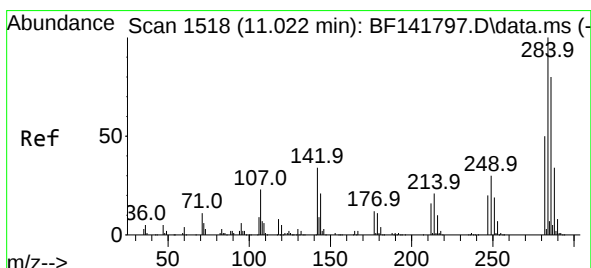
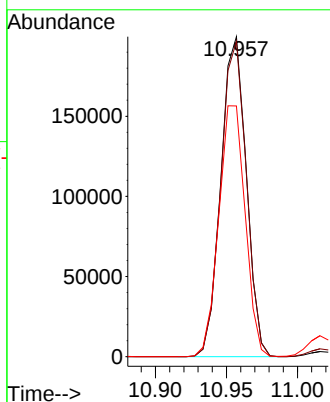
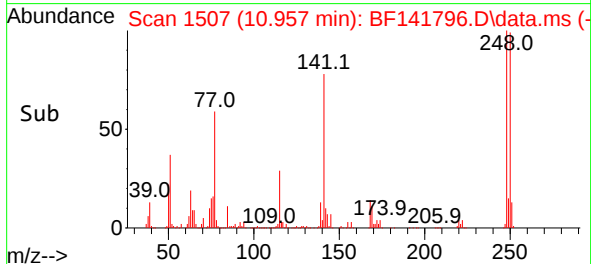
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



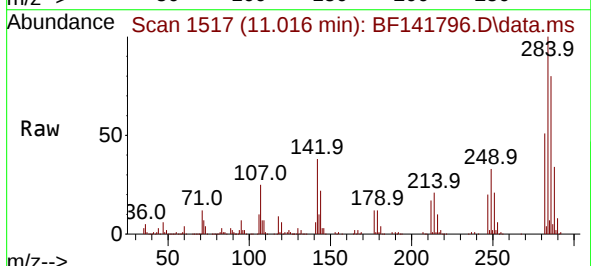
Tgt Ion:248 Resp: 248500  
Ion Ratio Lower Upper  
248 100  
250 98.6 78.1 117.1  
141 78.3 64.3 96.5

Manual Integrations  
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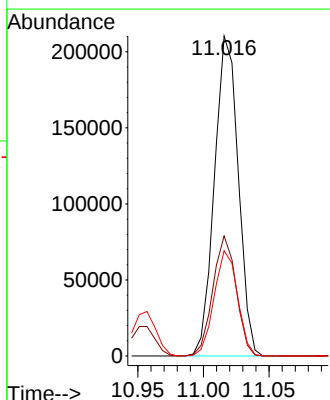
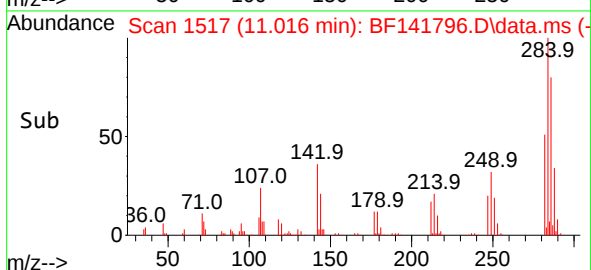
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

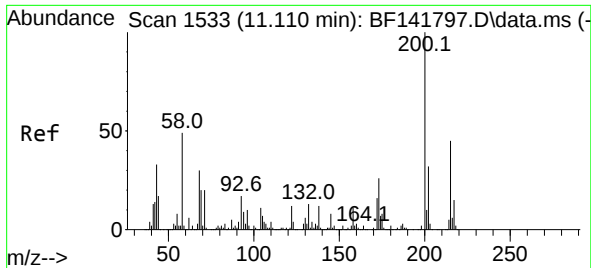


#68  
Hexachlorobenzene  
Concen: 20.653 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



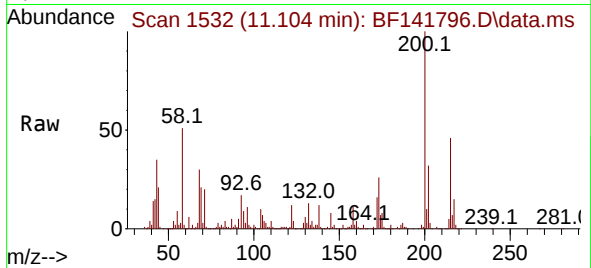
Tgt Ion:284 Resp: 265367  
Ion Ratio Lower Upper  
284 100  
142 37.5 28.2 42.2  
249 32.9 25.5 38.3





#69  
 Atrazine  
 Concen: 21.680 ng  
 RT: 11.104 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF141796.D  
 Acq: 27 Feb 2025 16:46

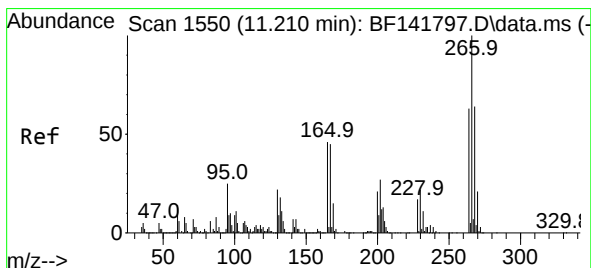
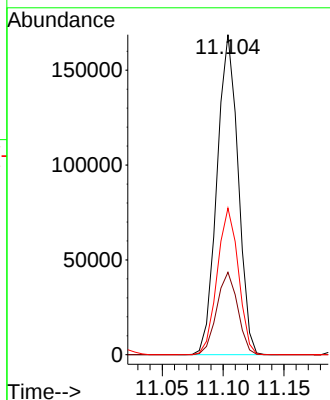
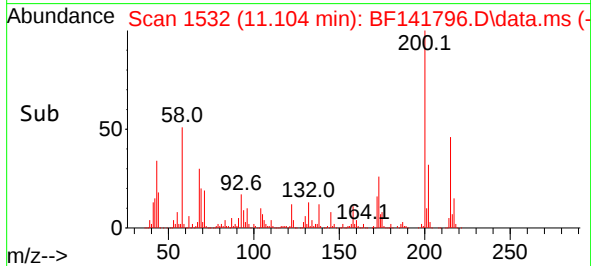
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020



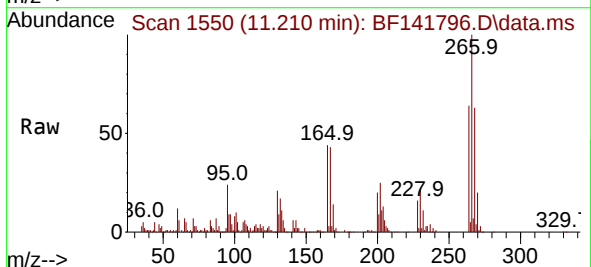
Tgt Ion:200 Resp: 203939  
 Ion Ratio Lower Upper  
 200 100  
 173 25.7 5.6 45.6  
 215 45.8 25.3 65.3

Manual Integrations  
 APPROVED

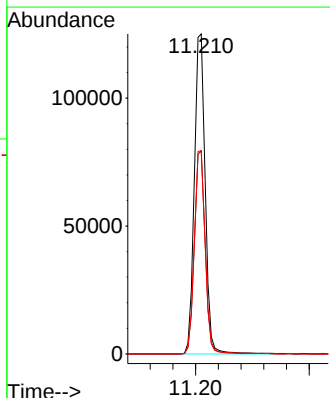
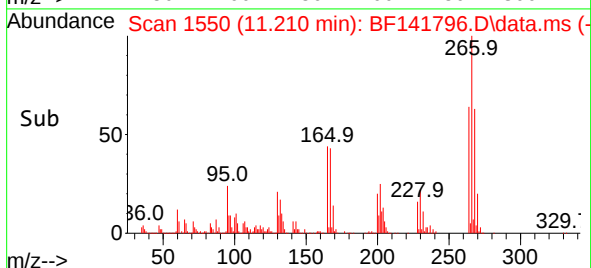
Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

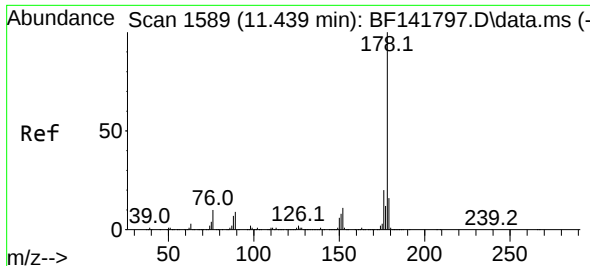


#70  
 Pentachlorophenol  
 Concen: 20.521 ng  
 RT: 11.210 min Scan# 1550  
 Delta R.T. -0.000 min  
 Lab File: BF141796.D  
 Acq: 27 Feb 2025 16:46



Tgt Ion:266 Resp: 167231  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 50.9 76.3  
 264 63.6 50.2 75.4





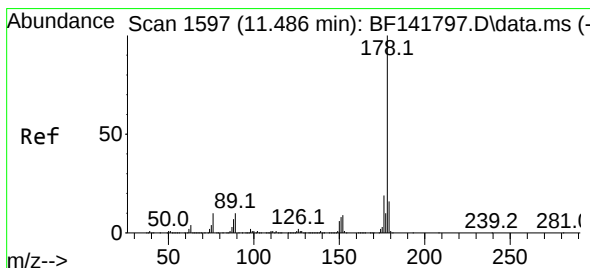
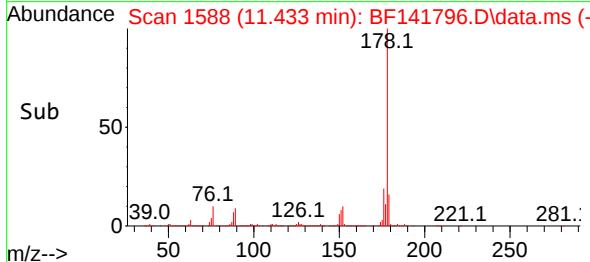
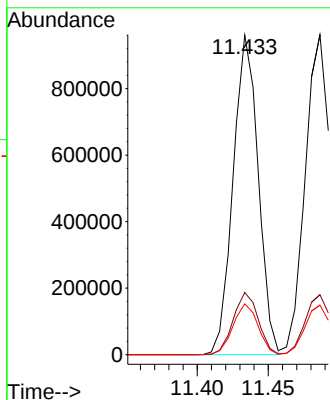
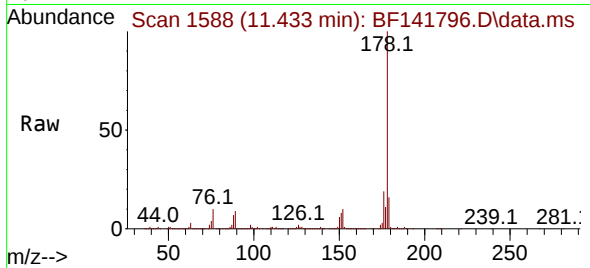
#71  
Phenanthrene  
Concen: 21.209 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:178 Resp: 1181769  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.0 24.0  
179 15.9 12.6 19.0

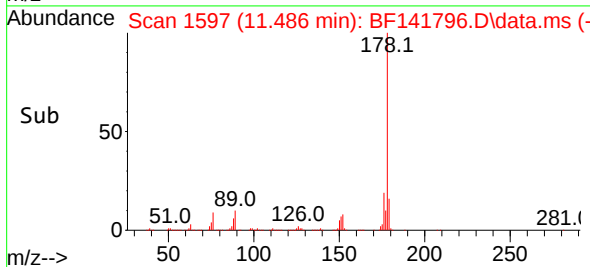
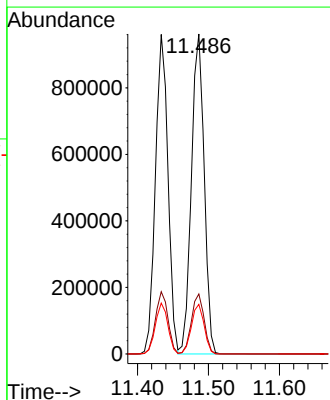
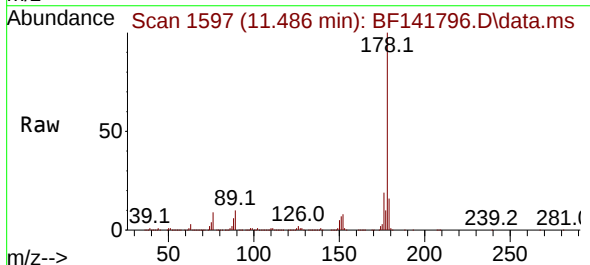
Manual Integrations  
APPROVED

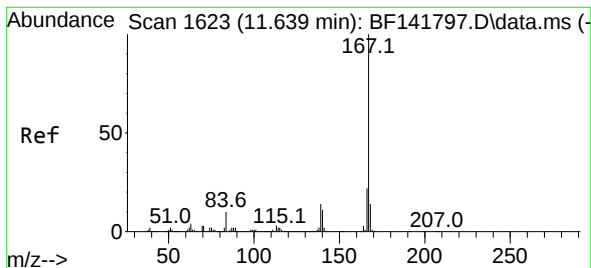
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#72  
Anthracene  
Concen: 21.554 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

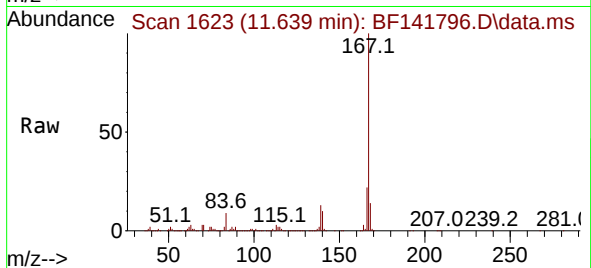
Tgt Ion:178 Resp: 1203701  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.0  
179 15.5 12.8 19.2





#73  
 Carbazole  
 Concen: 21.416 ng  
 RT: 11.639 min Scan# 1623  
 Delta R.T. -0.000 min  
 Lab File: BF141796.D  
 Acq: 27 Feb 2025 16:46

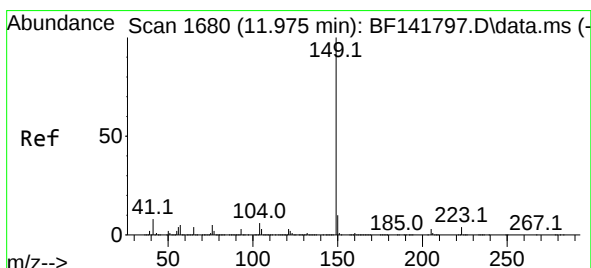
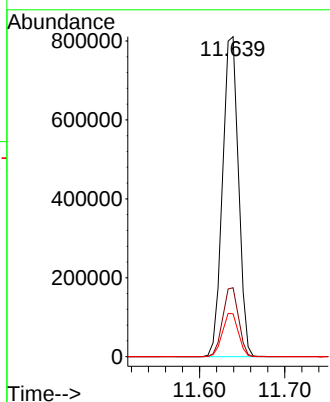
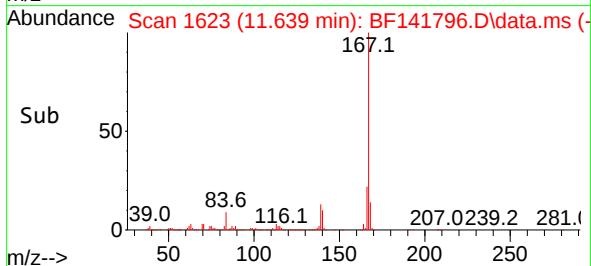
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020



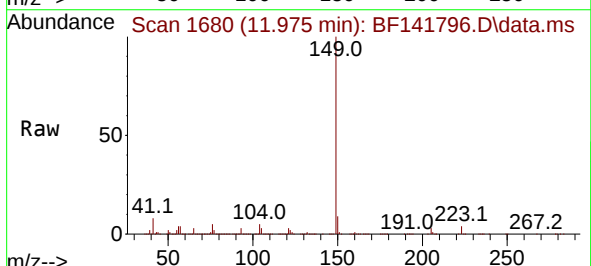
Tgt Ion:167 Resp: 105614  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.5 26.3  
 139 13.4 11.3 16.9

Manual Integrations  
 APPROVED

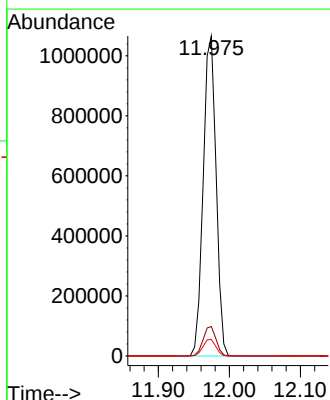
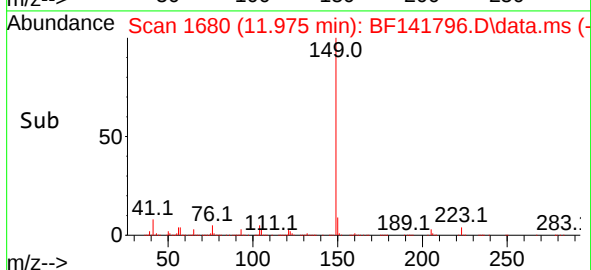
Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

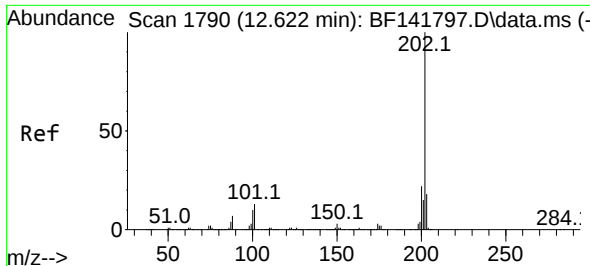


#74  
 Di-n-butylphthalate  
 Concen: 21.518 ng  
 RT: 11.975 min Scan# 1680  
 Delta R.T. -0.000 min  
 Lab File: BF141796.D  
 Acq: 27 Feb 2025 16:46



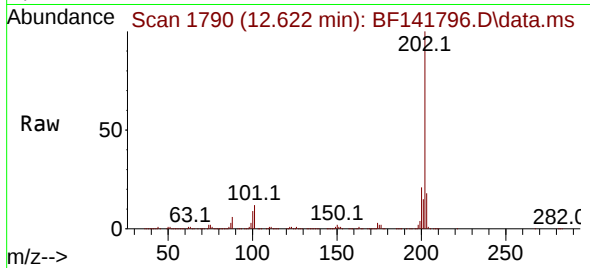
Tgt Ion:149 Resp: 1345098  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.7 11.5  
 104 5.2 4.4 6.6





#75  
Fluoranthene  
Concen: 21.753 ng  
RT: 12.622 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

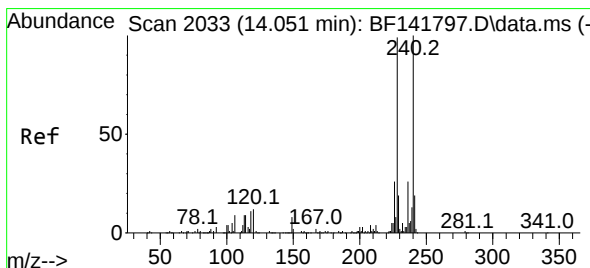
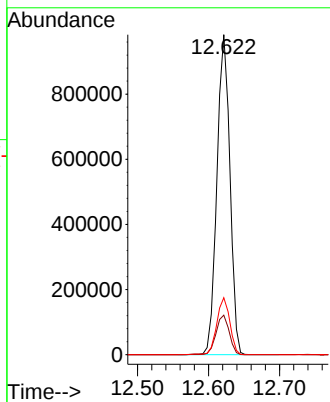
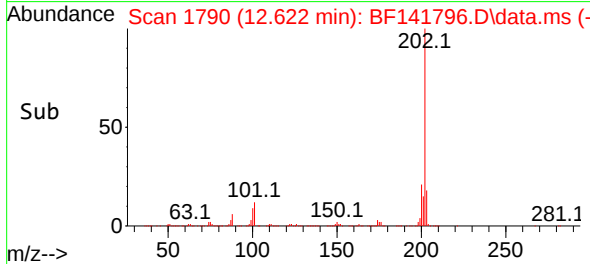
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:202 Resp: 124203  
Ion Ratio Lower Upper  
202 100  
101 12.3 0.0 32.8  
203 17.8 0.0 38.0

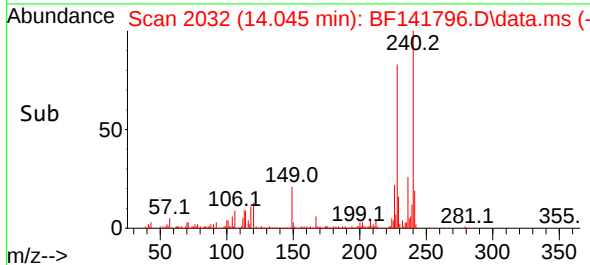
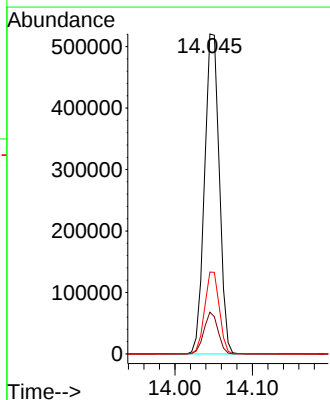
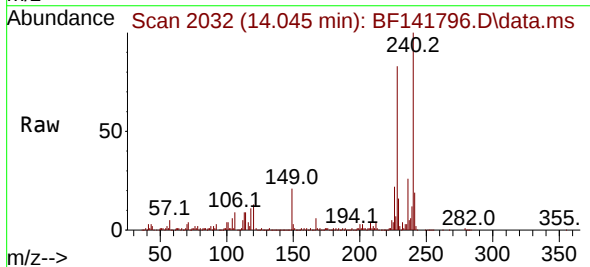
Manual Integrations  
APPROVED

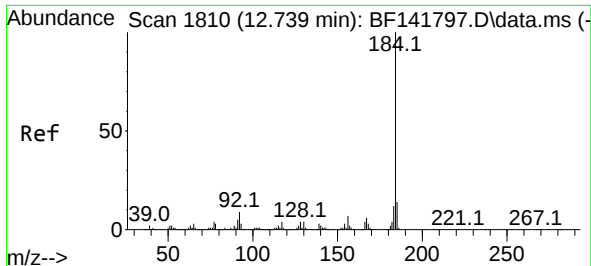
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

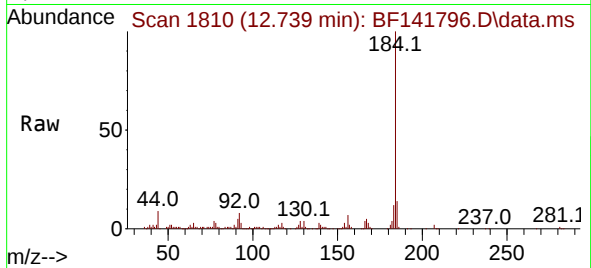
Tgt Ion:240 Resp: 688606  
Ion Ratio Lower Upper  
240 100  
120 13.1 9.7 14.5  
236 25.6 21.0 31.4





#77  
Benzidine  
Concen: 15.752 ng  
RT: 12.739 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

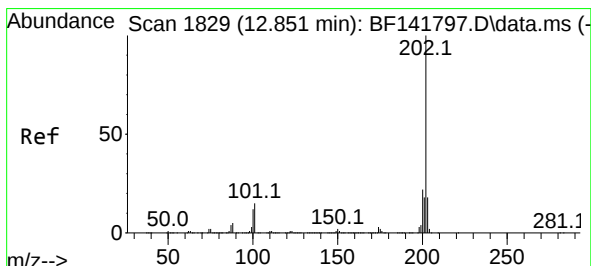
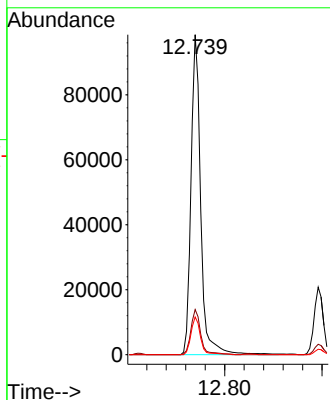
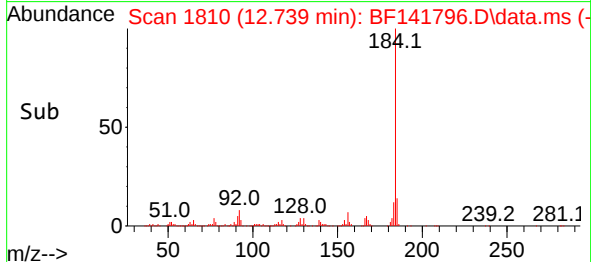
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:184 Resp: 13652  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.6 17.4  
183 11.8 9.4 14.0

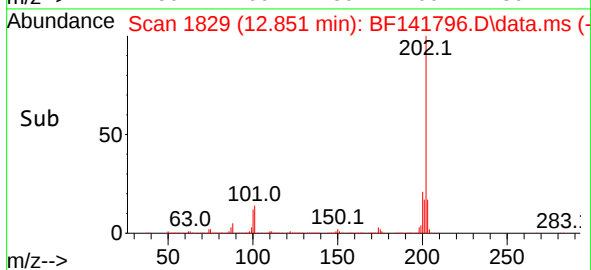
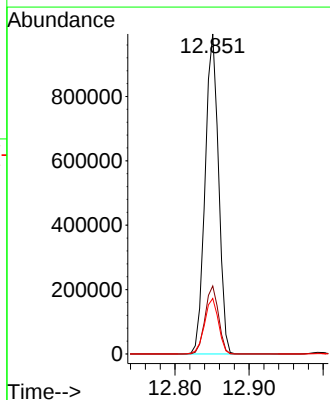
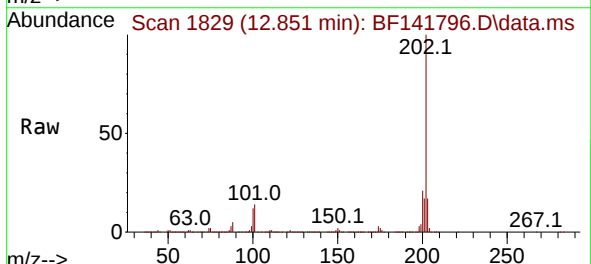
Manual Integrations  
APPROVED

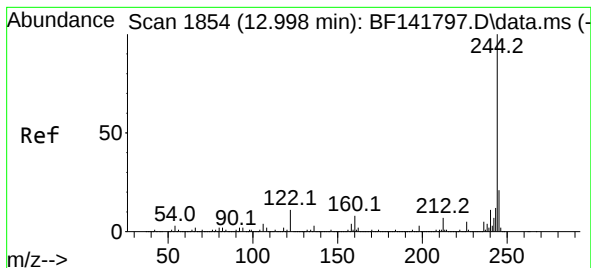
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#78  
Pyrene  
Concen: 20.957 ng  
RT: 12.851 min Scan# 1829  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:202 Resp: 1249647  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.4 26.0  
203 17.4 14.6 22.0





#79

Terphenyl-d14

Concen: 41.959 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:244 Resp: 1785800

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

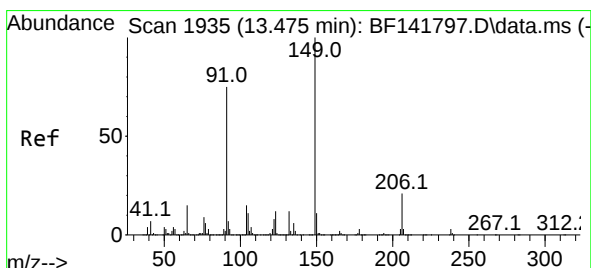
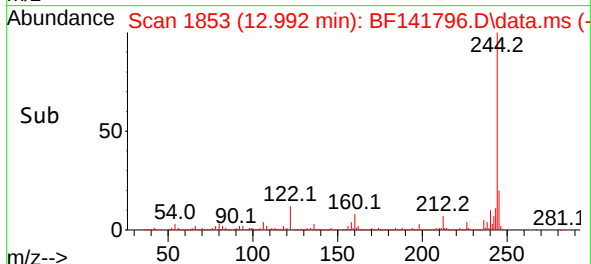
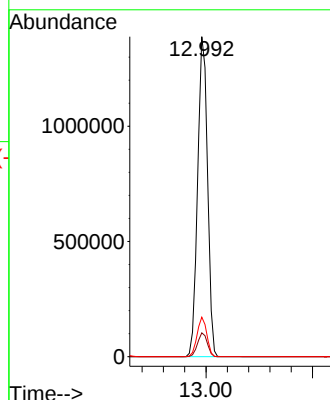
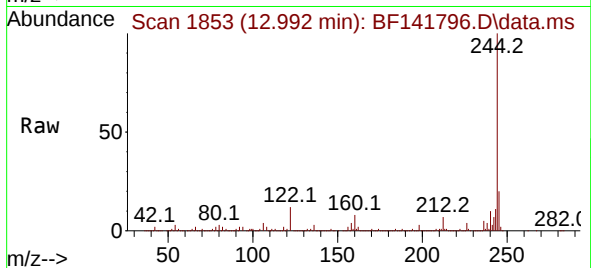
122 12.4 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#80

Butylbenzylphthalate

Concen: 20.434 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

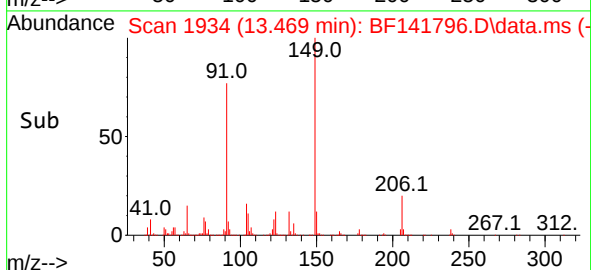
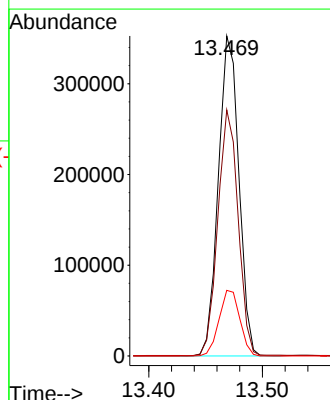
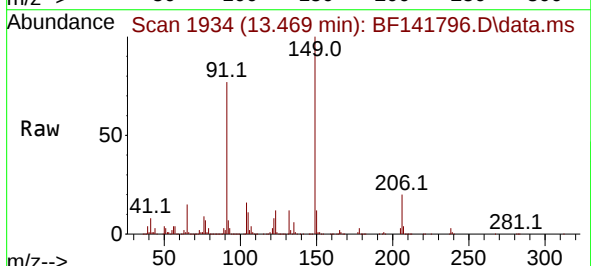
Tgt Ion:149 Resp: 442702

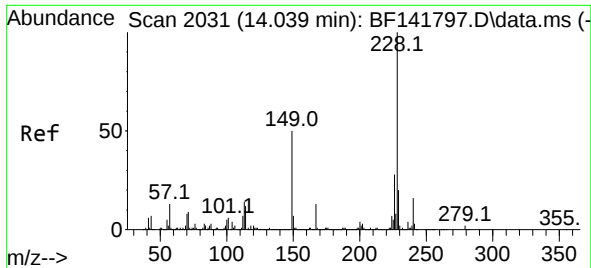
Ion Ratio Lower Upper

149 100

91 76.9 60.1 90.1

206 20.5 16.8 25.2





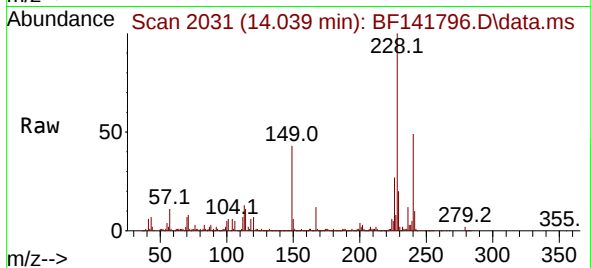
#81  
Benzo(a)anthracene  
Concen: 20.956 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

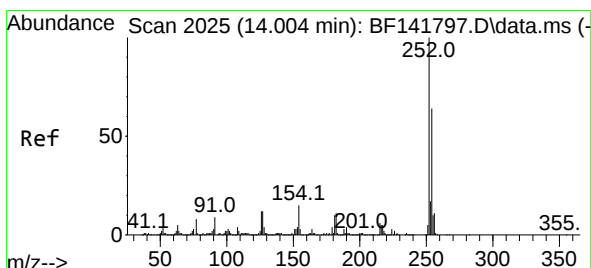
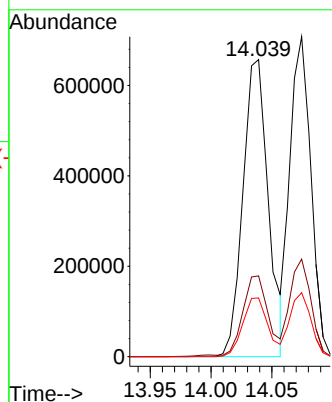
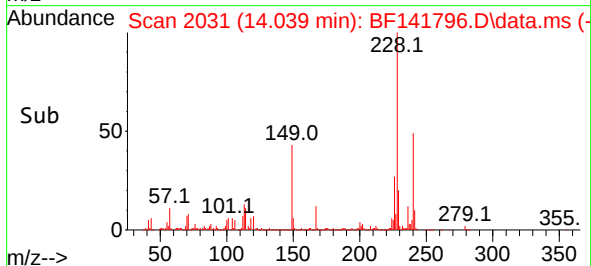


Tgt Ion:228 Resp: 953140  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.1 33.1  
229 19.8 16.1 24.1

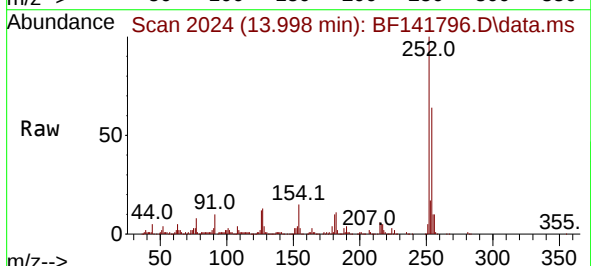
Manual Integrations

APPROVED

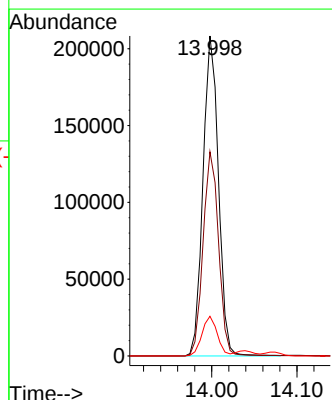
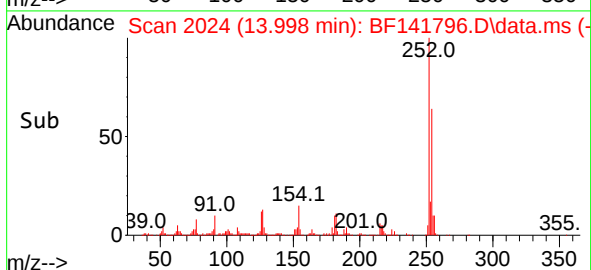
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

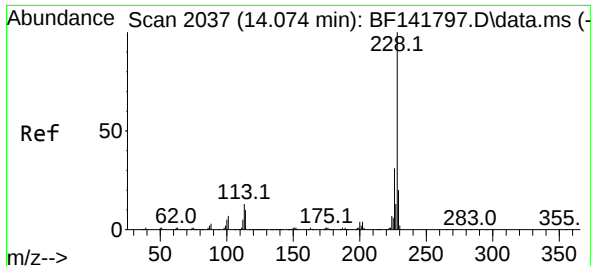


#82  
3,3'-Dichlorobenzidine  
Concen: 20.132 ng  
RT: 13.998 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



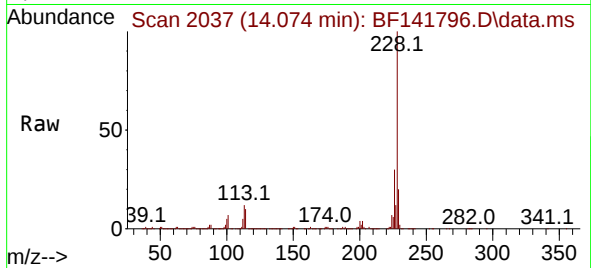
Tgt Ion:252 Resp: 262708  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.4 77.0  
126 12.4 9.8 14.6





#83  
Chrysene  
Concen: 20.288 ng  
RT: 14.074 min Scan# 2037  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

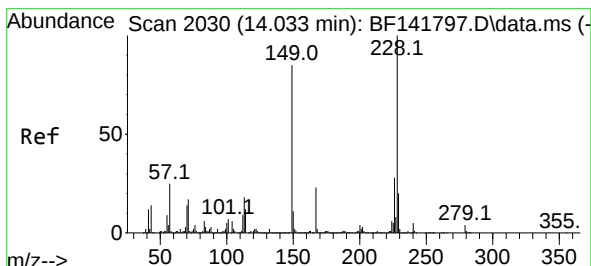
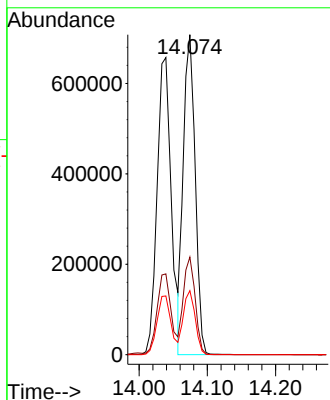
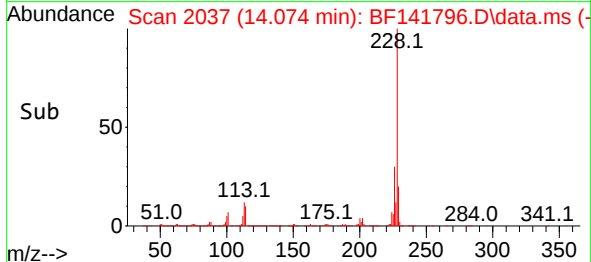
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:228 Resp: 85064  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.6 37.0  
229 20.0 16.1 24.1

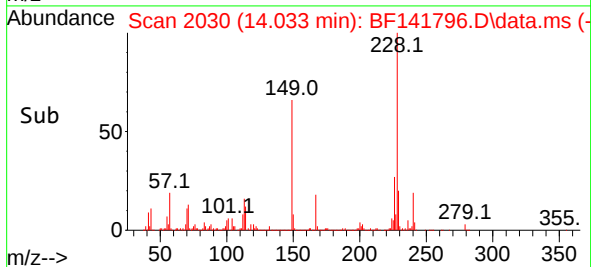
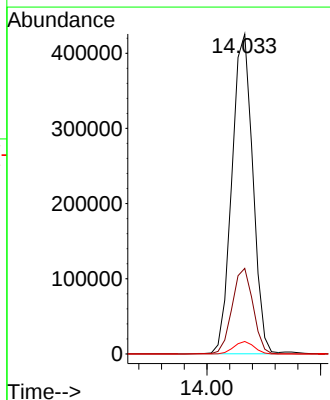
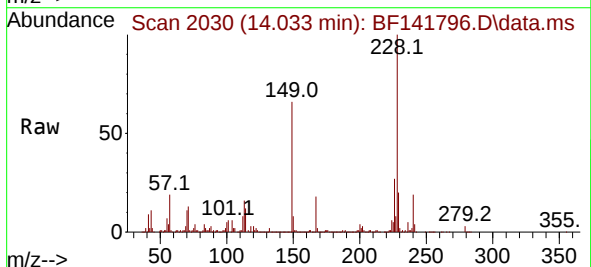
Manual Integrations  
APPROVED

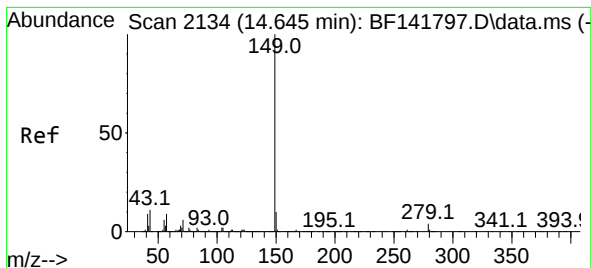
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.122 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

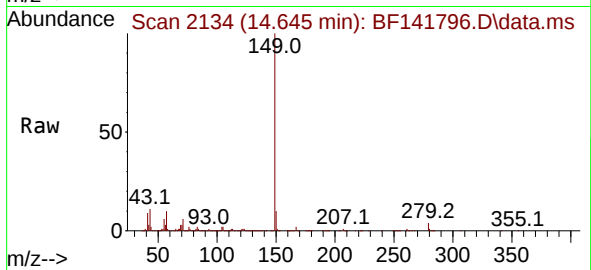
Tgt Ion:149 Resp: 542812  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.2 31.8  
279 3.9 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 18.910 ng  
RT: 14.645 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

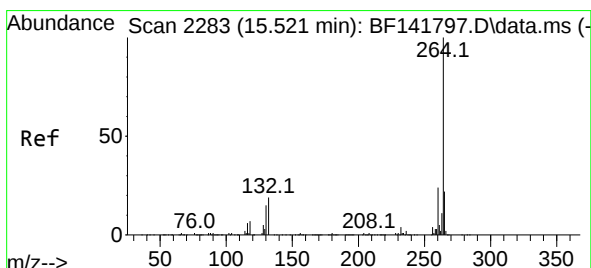
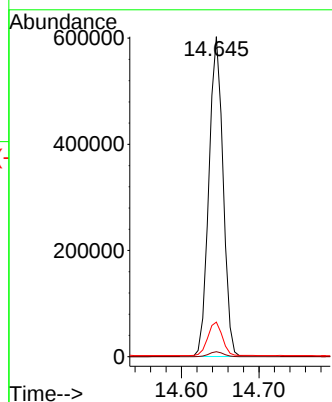
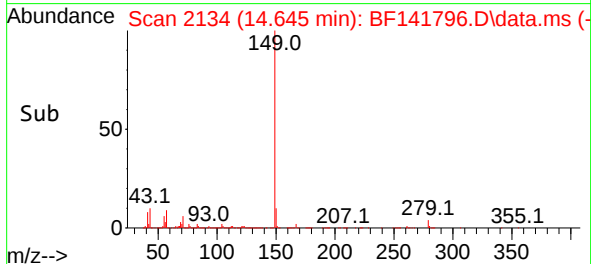
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:149 Resp: 76368  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.7 8.6 12.8

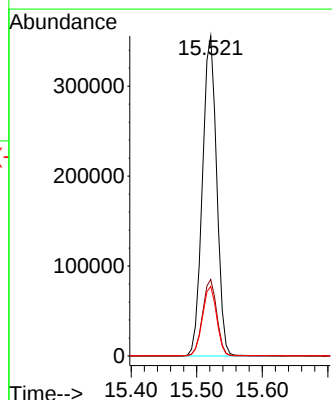
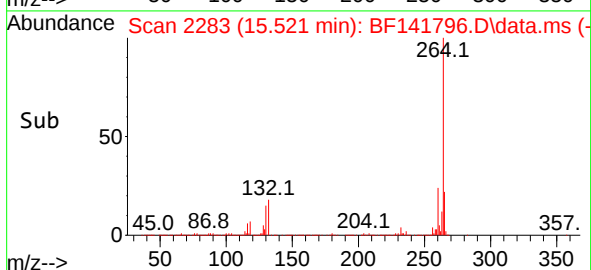
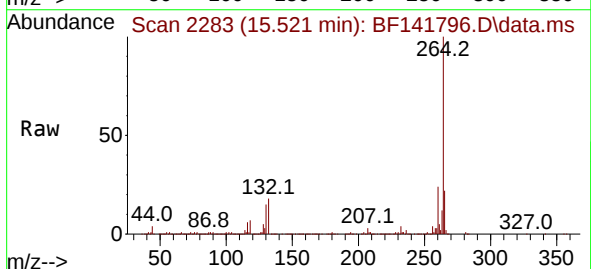
Manual Integrations  
APPROVED

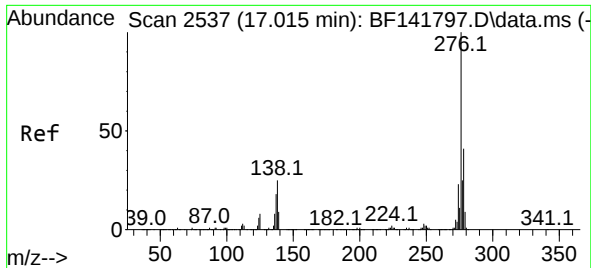
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 2283  
Delta R.T. -0.000 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:264 Resp: 539147  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.9 28.3  
265 21.7 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 19.480 ng  
RT: 17.004 min Scan# 2109  
Delta R.T. -0.012 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

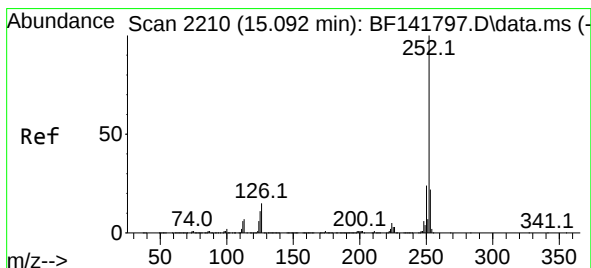
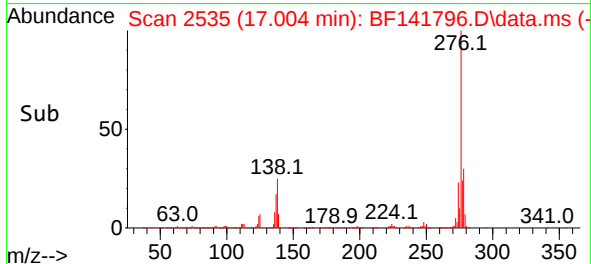
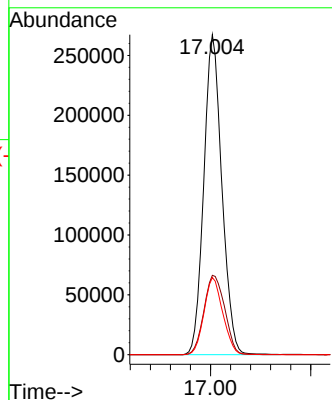
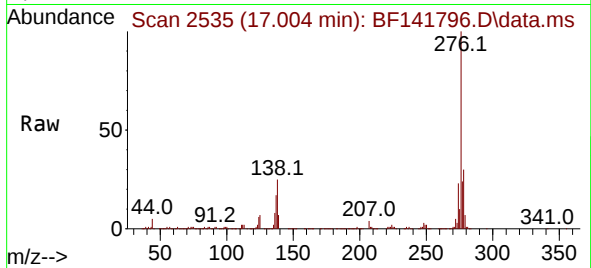
ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 668777  
Ion Ratio Lower Upper  
276 100  
138 28.5 22.5 33.7  
277 25.1 20.3 30.5

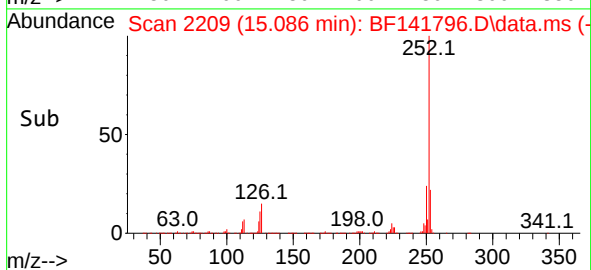
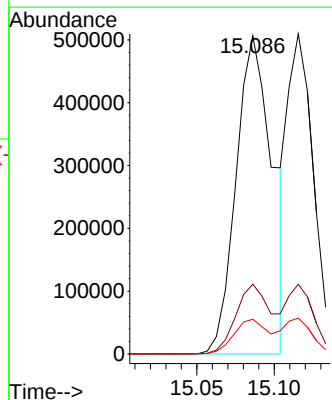
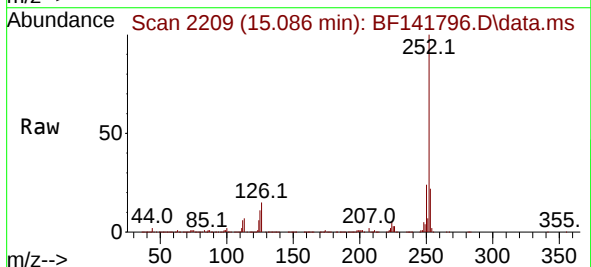
Manual Integrations  
APPROVED

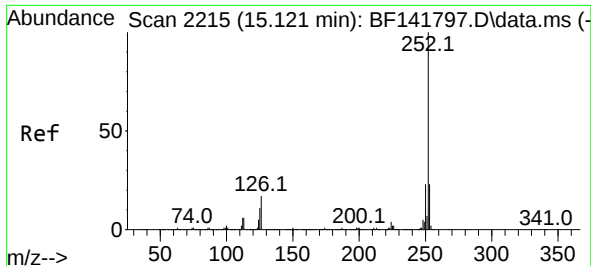
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#88  
Benzo(b)fluoranthene  
Concen: 22.501 ng  
RT: 15.086 min Scan# 2209  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

Tgt Ion:252 Resp: 826369  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.7 26.5  
125 10.9 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 18.973 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 592250

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

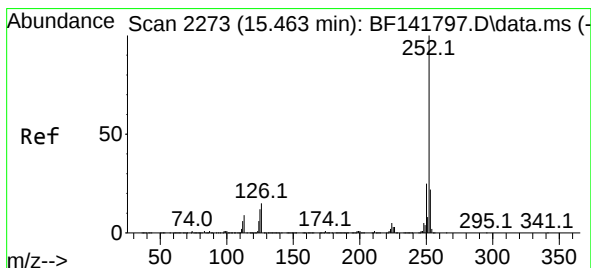
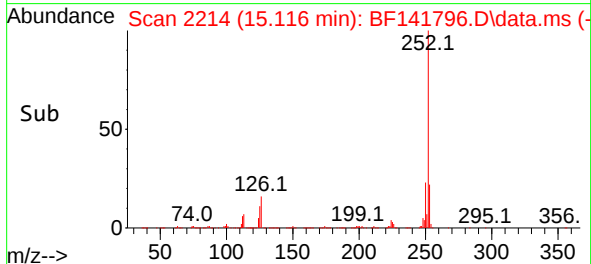
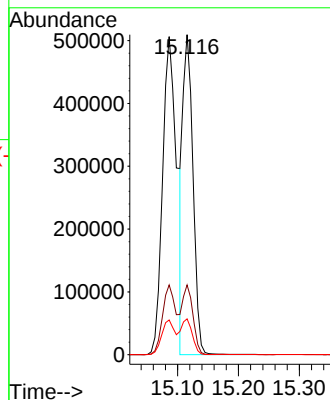
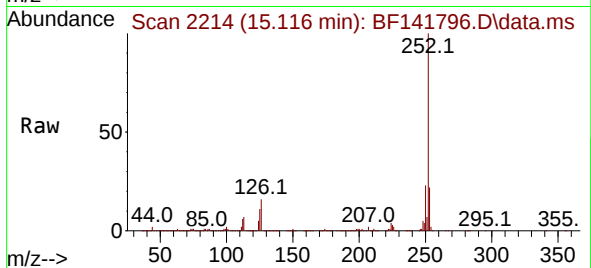
125 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#90

Benzo(a)pyrene

Concen: 20.740 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF141796.D

Acq: 27 Feb 2025 16:46

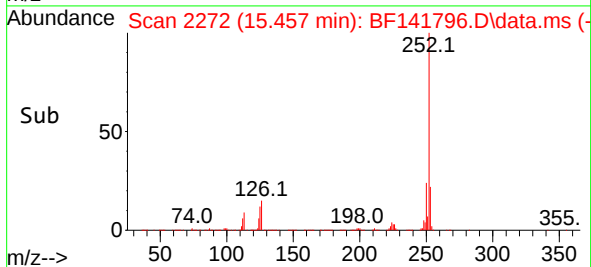
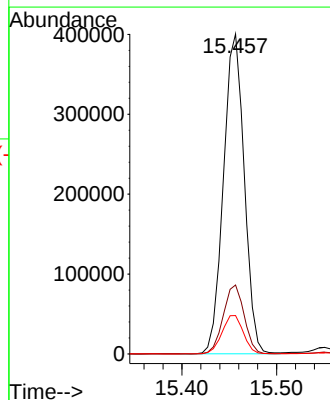
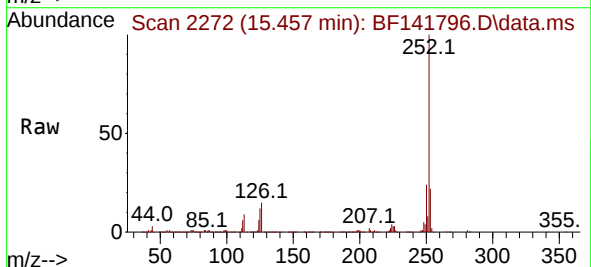
Tgt Ion:252 Resp: 610871

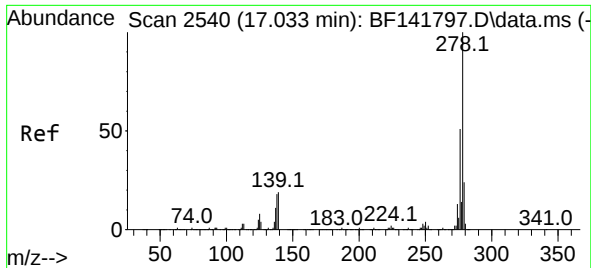
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

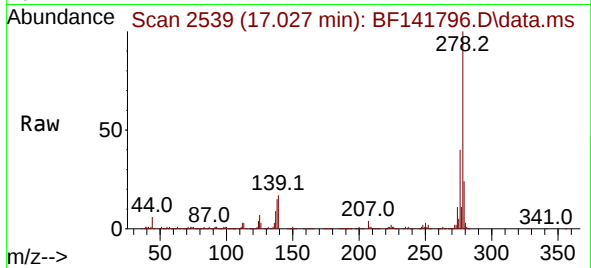
125 12.0 9.4 14.2





#91  
Dibenzo(a,h)anthracene  
Concen: 19.724 ng  
RT: 17.027 min Scan# 2539  
Delta R.T. -0.006 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46

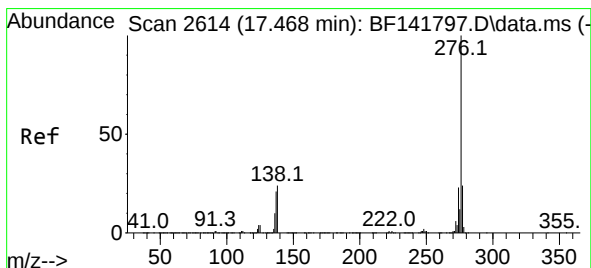
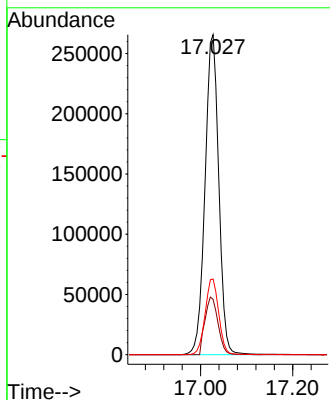
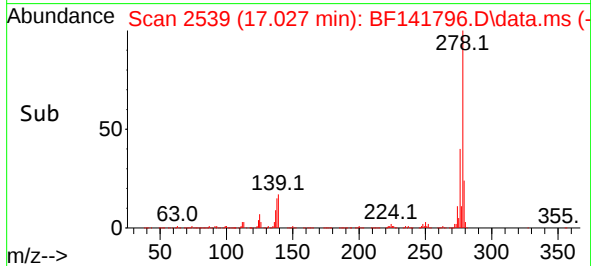
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



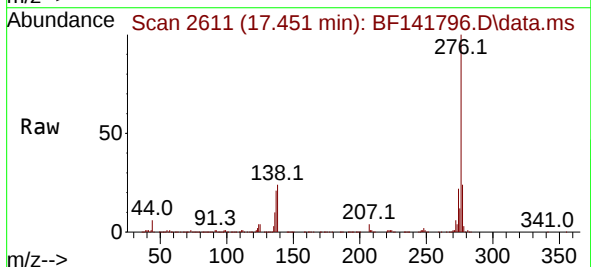
Tgt Ion:278 Resp: 552725  
Ion Ratio Lower Upper  
278 100  
139 17.3 14.9 22.3  
279 23.7 19.3 28.9

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#92  
Benzo(g,h,i)perylene  
Concen: 19.426 ng  
RT: 17.451 min Scan# 2611  
Delta R.T. -0.018 min  
Lab File: BF141796.D  
Acq: 27 Feb 2025 16:46



Tgt Ion:276 Resp: 557705  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.4 29.0  
138 24.3 19.3 28.9

