

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103023\  
 Data File : BF136030.D  
 Acq On : 30 Oct 2023 15:51  
 Operator : CG\JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 18:47:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 30 17:15:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 149619   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 590567   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 298033   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 554138   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 269608   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 293154   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 1478533  | 155.286 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.469  | 99   | 1846851  | 155.681 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 1597280  | 163.043 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 506349   | 159.172 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 2611184  | 139.665 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 2825069  | 162.838 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.581  | 88   | 343437   | 82.835  | ng    | 99       |
| 3) Pyridine                   | 3.351  | 79   | 938148   | 82.900  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.334  | 42   | 396969   | 83.898  | ng    | 99       |
| 6) Aniline                    | 6.504  | 93   | 1206733  | 78.569  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.616  | 128  | 776623   | 76.293  | ng    | 99       |
| 9) Benzaldehyde               | 6.381  | 77   | 454856   | 68.762  | ng    | 97       |
| 10) Phenol                    | 6.486  | 94   | 954713m  | 77.803  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 753219   | 78.413  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 822688   | 77.651  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 820693   | 77.295  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 738733   | 74.409  | ng    | 96       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 633870   | 75.357  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 1028768  | 77.809  | ng    | 99       |
| 17) 2-Methylphenol            | 7.081  | 107  | 690841   | 80.000  | ng    | 99       |
| 18) Hexachloroethane          | 7.339  | 117  | 293334   | 78.603  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 526331   | 77.650  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.239  | 107  | 749280   | 71.156  | ng    | 95       |
| 22) Acetophenone              | 7.245  | 105  | 948442   | 72.425  | ng    | # 91     |
| 24) Nitrobenzene              | 7.416  | 77   | 795754   | 80.302  | ng    | 95       |
| 25) Isophorone                | 7.657  | 82   | 1522123  | 82.299  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.728  | 139  | 408390   | 90.327  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 679201   | 79.499  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 895650   | 79.037  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 639664   | 79.419  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 680613   | 77.463  | ng    | 98       |
| 31) Naphthalene               | 8.133  | 128  | 2123734  | 74.574  | ng    | 98       |
| 32) Benzoic acid              | 7.916  | 122  | 584218m  | 81.675  | ng    |          |
| 33) 4-Chloroaniline           | 8.180  | 127  | 963472   | 77.253  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 392736   | 77.942  | ng    | 99       |
| 35) Caprolactam               | 8.580  | 113  | 222487m  | 84.953  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.669  | 107  | 673691   | 79.672  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1421971  | 74.467  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1329685  | 74.827  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 653124   | 76.841  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 393773   | 86.717  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 447845   | 80.811  | ng    | 99       |

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Manual Integrations  
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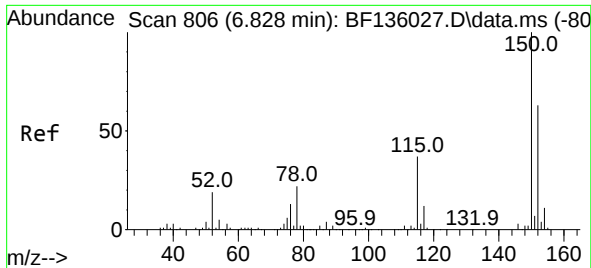
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 518852   | 80.823 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 1686656  | 74.238 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.316  | 162  | 1290994  | 77.080 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.410  | 65   | 436334   | 88.028 | ng    | 99       |
| 49) Acenaphthylene            | 9.733  | 152  | 1992544  | 76.259 | ng    | 99       |
| 50) Dimethylphthalate         | 9.604  | 163  | 1547246  | 78.705 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.657  | 165  | 367327   | 87.363 | ng    | 95       |
| 52) Acenaphthene              | 9.904  | 154  | 1250144m | 75.512 | ng    |          |
| 53) 3-Nitroaniline            | 9.827  | 138  | 426580   | 86.951 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.927  | 184  | 188641   | 82.504 | ng    | 94       |
| 55) Dibenzofuran              | 10.074 | 168  | 1822847  | 75.261 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 332905   | 90.716 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.063 | 165  | 456415   | 85.796 | ng    | 99       |
| 58) Fluorene                  | 10.421 | 166  | 1302948  | 71.850 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 406269   | 79.602 | ng    | 99       |
| 60) Diethylphthalate          | 10.304 | 149  | 1467482  | 78.127 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 654658   | 72.321 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.451 | 138  | 412769   | 87.375 | ng    | 96       |
| 63) Azobenzene                | 10.574 | 77   | 1404703  | 77.653 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.469 | 198  | 262012   | 81.929 | ng    | 77       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 1277422  | 76.418 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 462166   | 79.550 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 491809   | 79.261 | ng    | 100      |
| 69) Atrazine                  | 11.069 | 200  | 323963   | 71.229 | ng    | 98       |
| 70) Pentachlorophenol         | 11.157 | 266  | 338625   | 84.977 | ng    | 99       |
| 71) Phenanthrene              | 11.386 | 178  | 2073085  | 74.301 | ng    | 100      |
| 72) Anthracene                | 11.439 | 178  | 2122368  | 74.235 | ng    | 99       |
| 73) Carbazole                 | 11.592 | 167  | 1892029  | 76.155 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 2159029  | 76.052 | ng    | 98       |
| 75) Fluoranthene              | 12.580 | 202  | 2103987  | 73.404 | ng    | 99       |
| 77) Benzidine                 | 12.704 | 184  | 415259   | 79.023 | ng    | 98       |
| 78) Pyrene                    | 12.810 | 202  | 2120181  | 89.196 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.439 | 149  | 760695   | 89.404 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 1444636  | 80.937 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 483216   | 84.822 | ng    | # 99     |
| 83) Chrysene                  | 14.045 | 228  | 1458159  | 82.954 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.009 | 149  | 822521   | 82.975 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 1348568  | 90.812 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 1760741  | 91.900 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.068 | 252  | 1347594  | 77.687 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.098 | 252  | 1319202  | 76.862 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 1326651  | 82.311 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.050 | 278  | 1426605  | 90.901 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 1495315  | 81.535 | ng    | 99       |

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

## Manual Integrations

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QLast Update : Mon Oct 30 17:15:29 2023  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

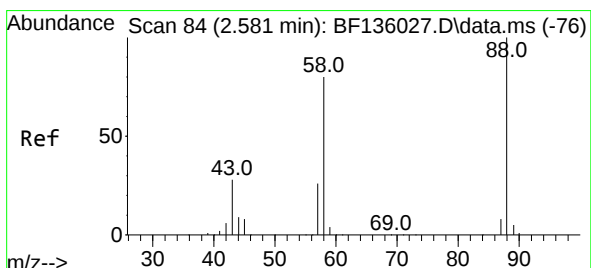
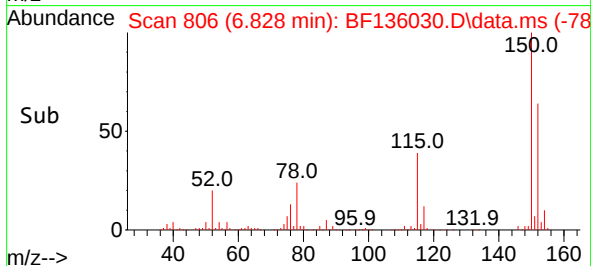
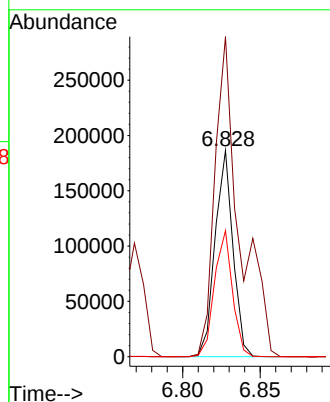
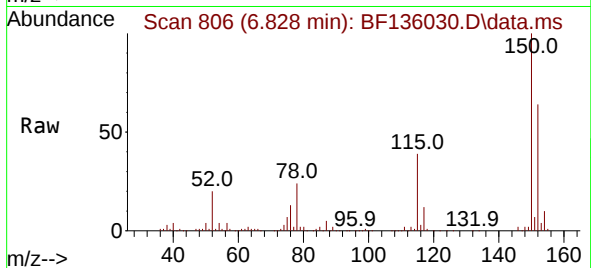
SSTDICC080

Tgt Ion:152 Resp: 149619  
Ion Ratio Lower Upper  
152 100  
150 155.2 126.4 189.6  
115 61.1 47.0 70.4

Manual Integrations

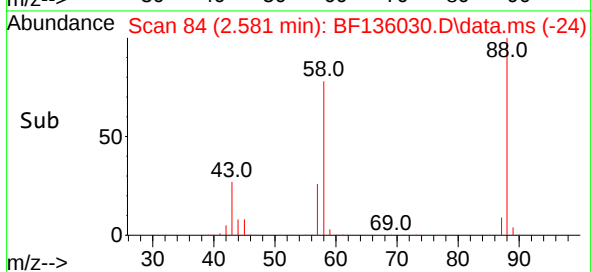
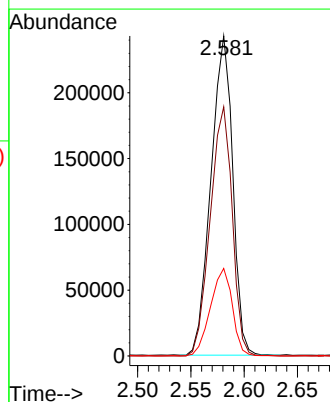
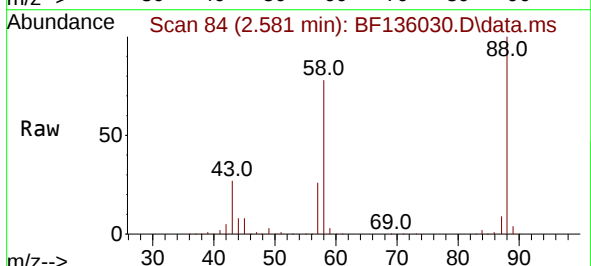
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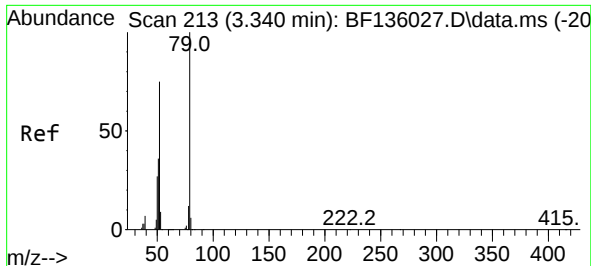
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#2  
1,4-Dioxane  
Concen: 82.835 ng  
RT: 2.581 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion: 88 Resp: 343437  
Ion Ratio Lower Upper  
88 100  
58 78.9 64.3 96.5  
43 27.7 22.3 33.5





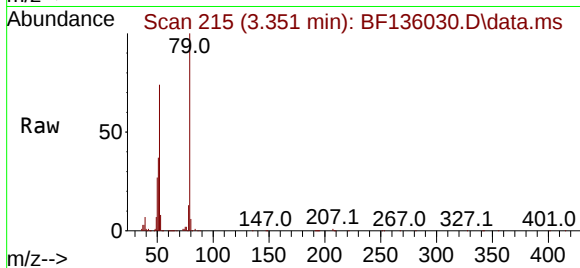
#3  
Pyridine  
Concen: 82.900 ng  
RT: 3.351 min Scan# 213  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

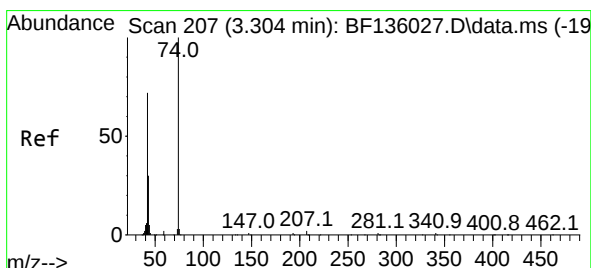
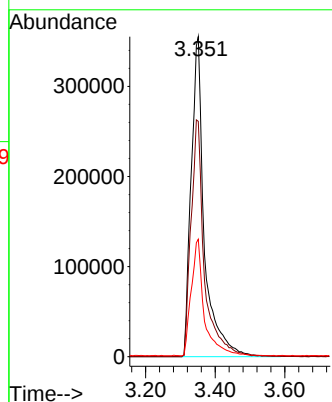
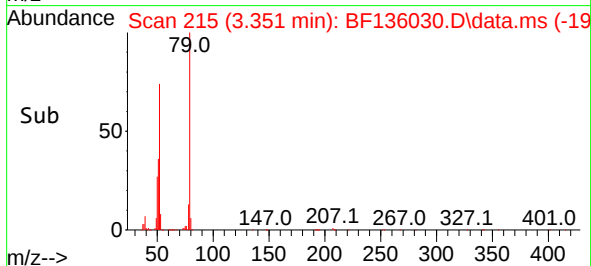


Tgt Ion: 79 Resp: 93814  
Ion Ratio Lower Upper  
79 100  
52 73.6 60.3 90.5  
51 36.7 29.3 43.9

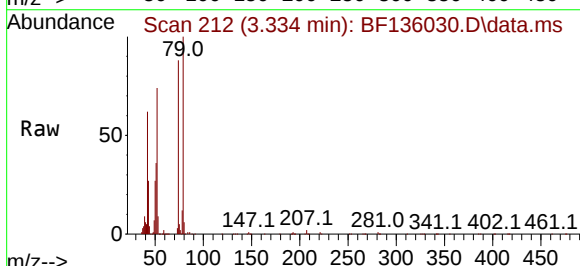
Manual Integrations

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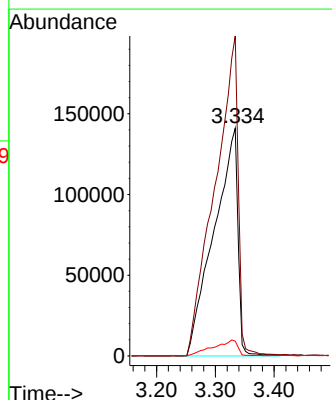
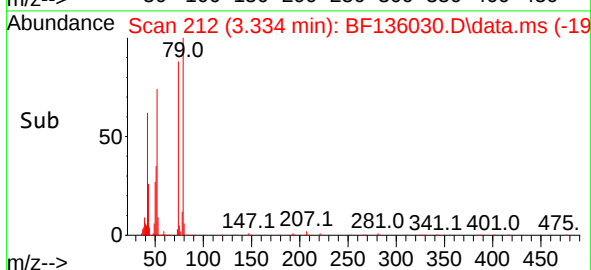
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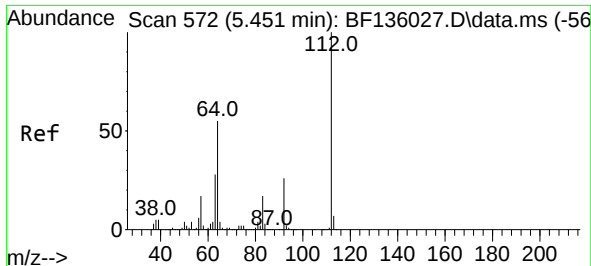


#4  
n-Nitrosodimethylamine  
Concen: 83.898 ng  
RT: 3.334 min Scan# 212  
Delta R.T. 0.029 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion: 42 Resp: 396969  
Ion Ratio Lower Upper  
42 100  
74 140.5 111.8 167.6  
44 6.6 6.2 9.4





#5  
2-Fluorophenol  
Concen: 155.286 ng  
RT: 5.457 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

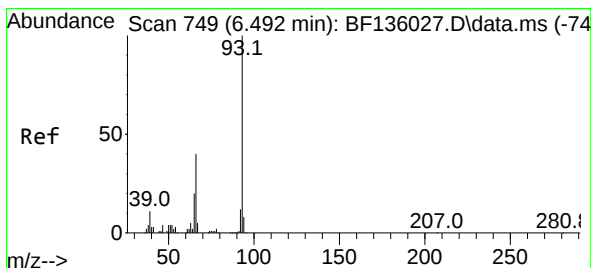
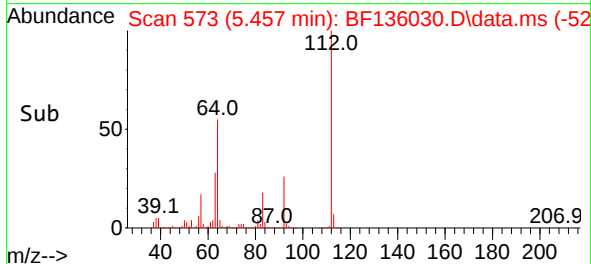
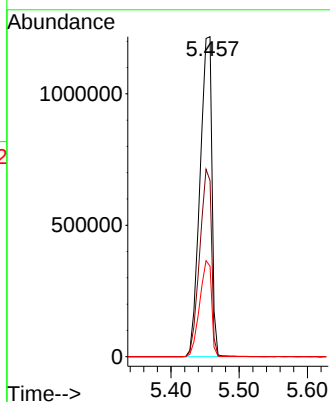
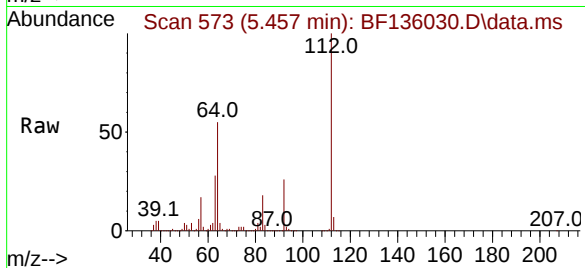
SSTDICC080

Tgt Ion:112 Resp: 147853  
Ion Ratio Lower Upper  
112 100  
64 55.1 43.9 65.9  
63 28.3 22.4 33.6

Manual Integrations

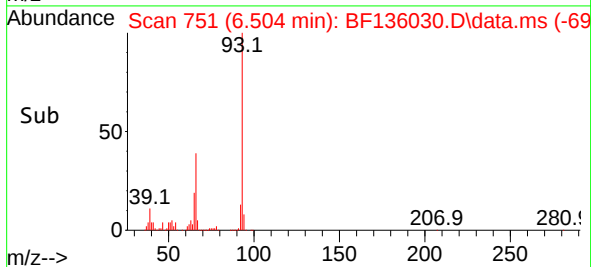
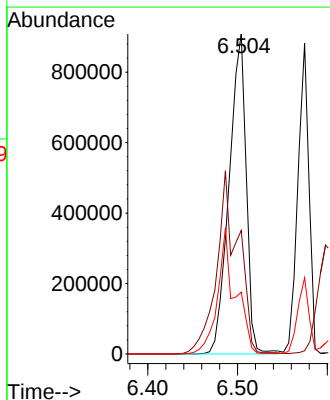
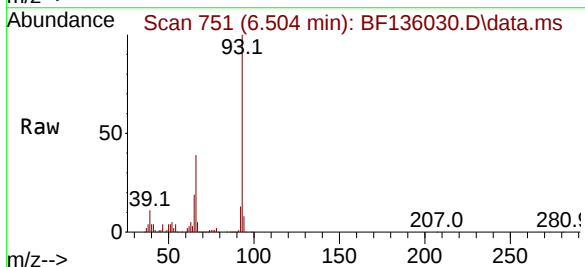
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Supervised By :mohammad ahmed 10/31/2023



#6  
Aniline  
Concen: 78.569 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

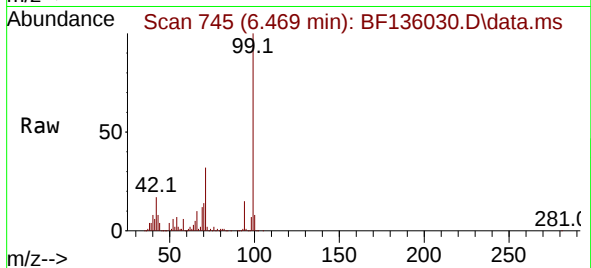
Tgt Ion: 93 Resp: 1206733  
Ion Ratio Lower Upper  
93 100  
66 38.6 32.4 48.6  
65 19.3 16.2 24.2





#7  
Phenol-d6  
Concen: 155.681 ng  
RT: 6.469 min Scan# 743  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

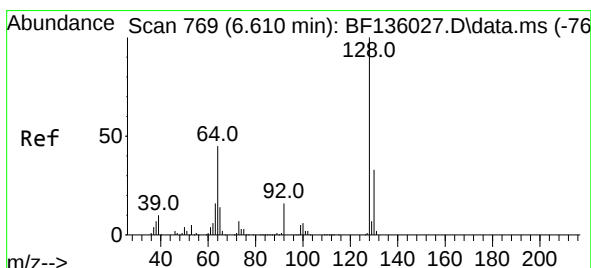
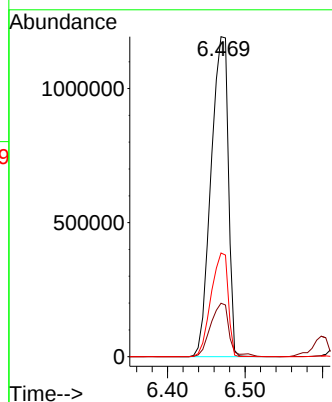
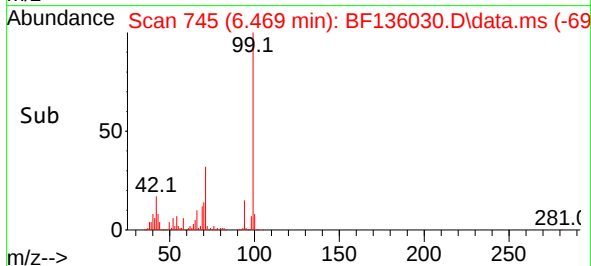
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 184685  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.7 20.5  
71 32.4 25.9 38.9

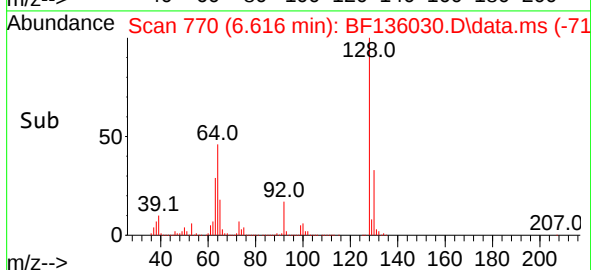
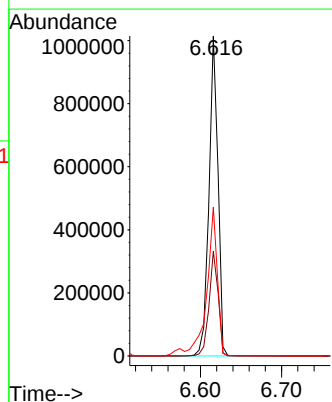
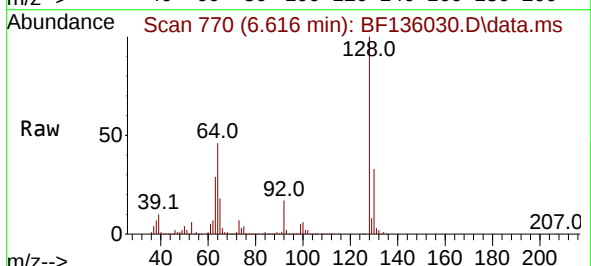
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Supervised By :mohammad ahmed 10/31/2023



#8  
2-Chlorophenol  
Concen: 76.293 ng  
RT: 6.616 min Scan# 770  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

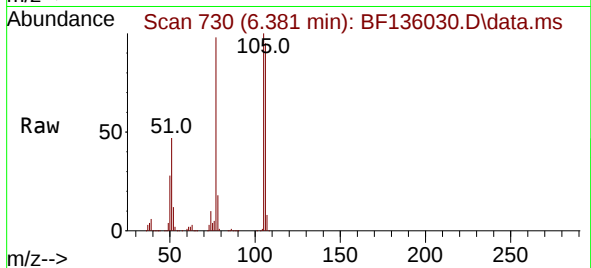
Tgt Ion:128 Resp: 776623  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.8 52.8  
64 46.5 25.8 65.8





#9  
Benzaldehyde  
Concen: 68.762 ng  
RT: 6.381 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

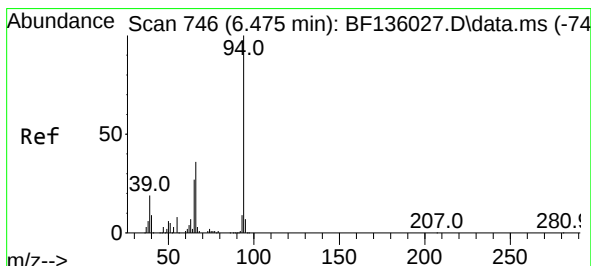
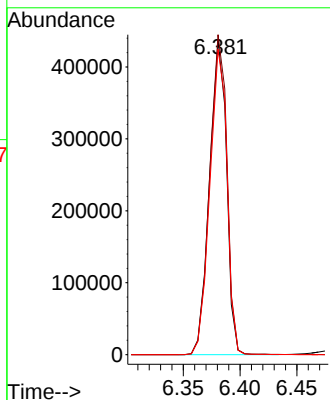
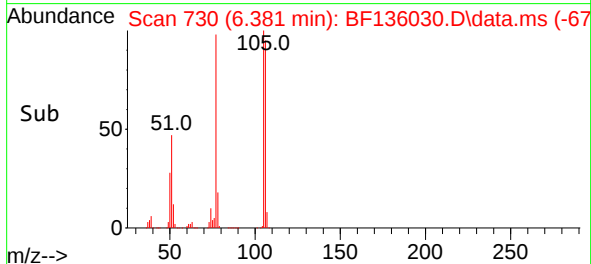
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



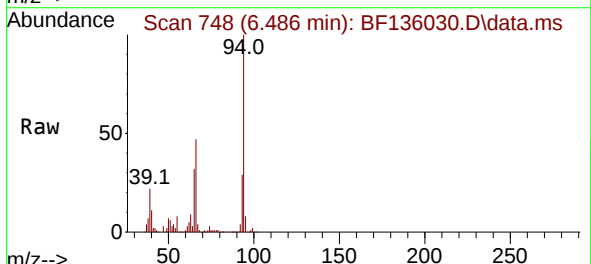
Tgt Ion: 77 Resp: 454850  
Ion Ratio Lower Upper  
77 100  
105 101.9 85.7 125.7  
106 97.3 79.8 119.8

Manual Integrations  
APPROVED

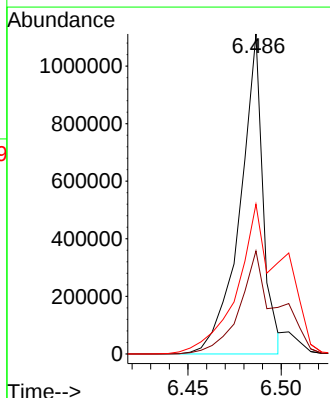
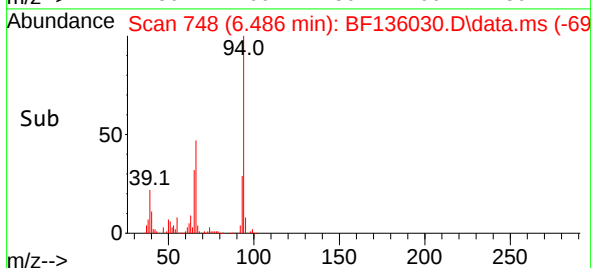
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

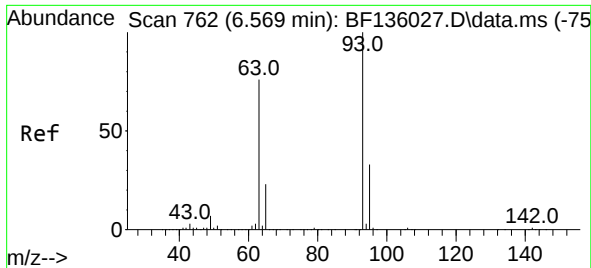


#10  
Phenol  
Concen: 77.803 ng m  
RT: 6.486 min Scan# 748  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion: 94 Resp: 954713  
Ion Ratio Lower Upper  
94 100  
65 32.2 7.5 47.5  
66 46.8 17.1 57.1





#11  
bis(2-Chloroethyl)ether  
Concen: 78.413 ng  
RT: 6.575 min Scan# 763  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

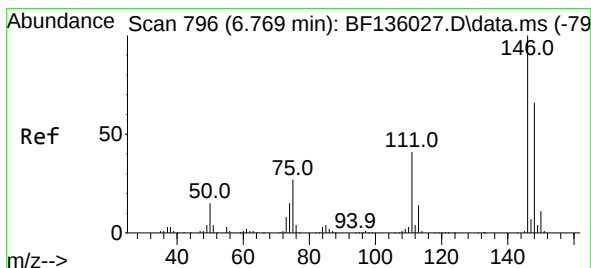
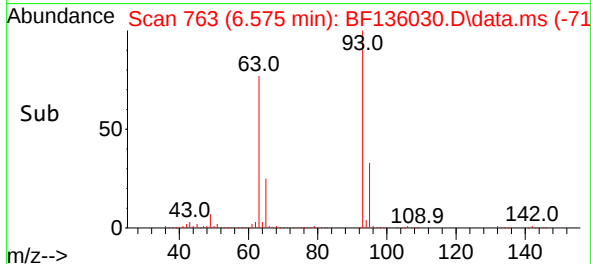
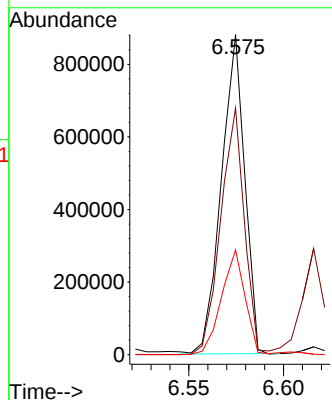
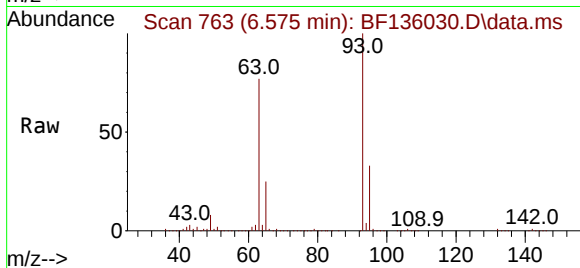
SSTDICC080

Tgt Ion: 93 Resp: 753219  
Ion Ratio Lower Upper  
93 100  
63 77.1 55.8 95.8  
95 32.7 12.9 52.9

Manual Integrations

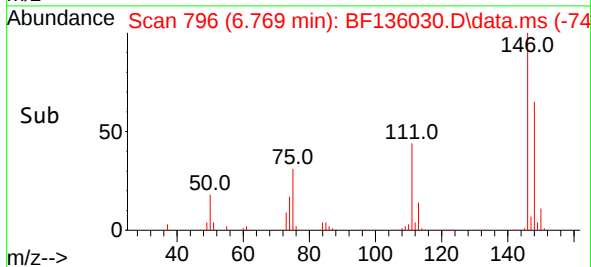
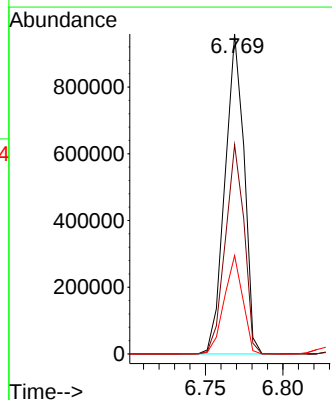
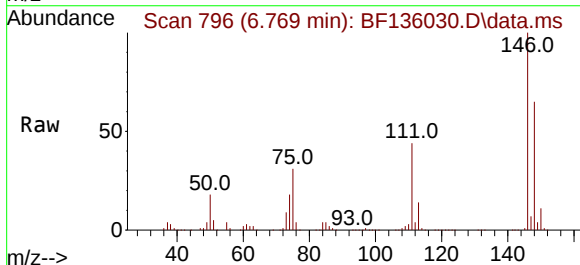
APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#12  
1,3-Dichlorobenzene  
Concen: 77.651 ng  
RT: 6.769 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

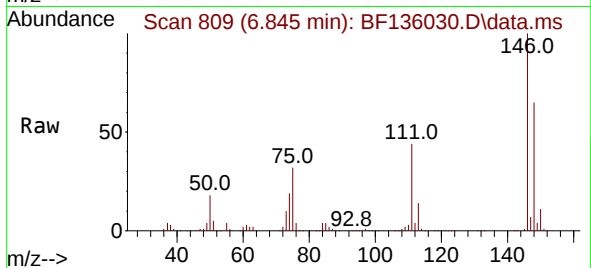
Tgt Ion:146 Resp: 822688  
Ion Ratio Lower Upper  
146 100  
148 65.4 52.6 78.8  
75 30.8 21.6 32.4





#13  
1,4-Dichlorobenzene  
Concen: 77.295 ng  
RT: 6.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

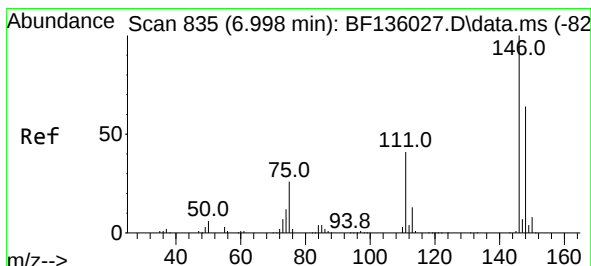
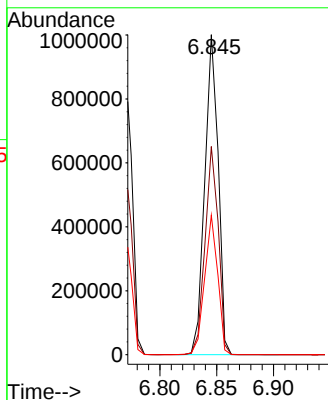
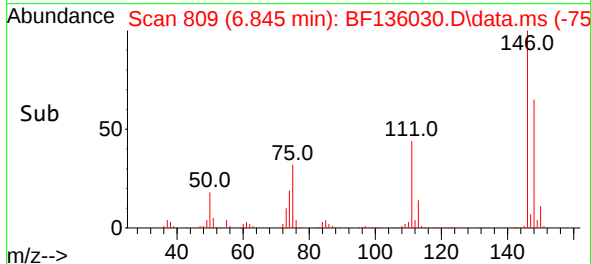
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC080



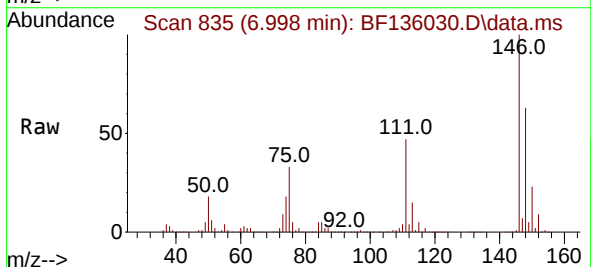
Tgt Ion:146 Resp: 820693  
Ion Ratio Lower Upper  
146 100  
148 65.1 52.1 78.1  
111 43.5 32.6 48.8

Manual Integrations  
APPROVED

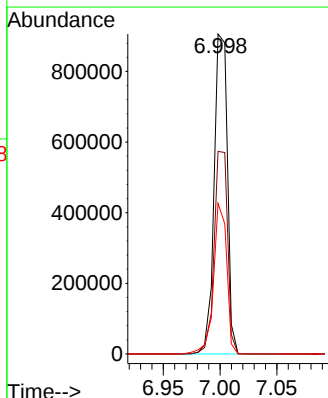
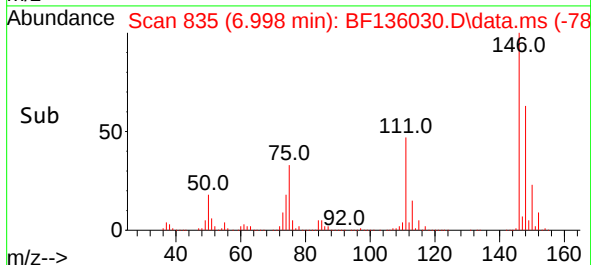
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

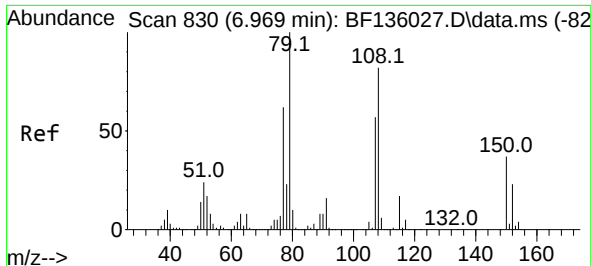


#14  
1,2-Dichlorobenzene  
Concen: 74.409 ng  
RT: 6.998 min Scan# 835  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion:146 Resp: 738733  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.4 77.2  
111 47.0 33.0 49.4





#15  
Benzyl Alcohol  
Concen: 75.357 ng  
RT: 6.975 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

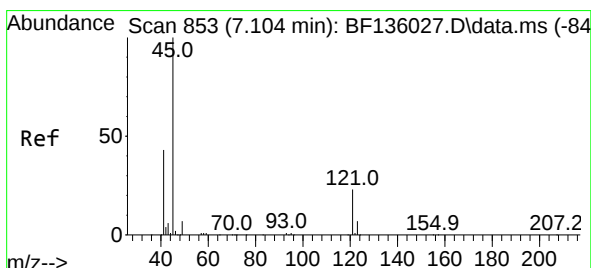
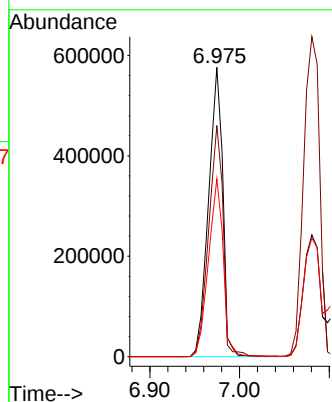
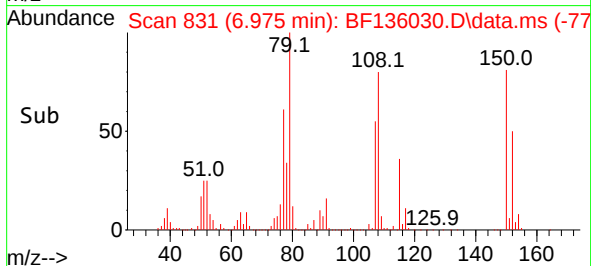
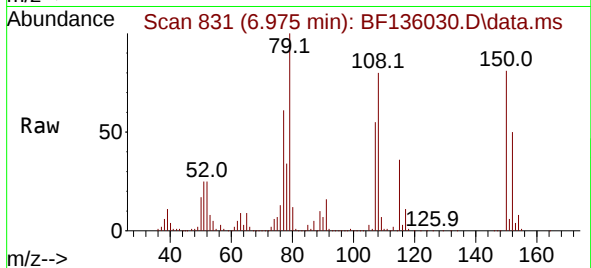
SSTDICC080

Tgt Ion: 79 Resp: 633870  
Ion Ratio Lower Upper  
79 100  
108 79.9 65.9 98.9  
77 61.4 49.4 74.2

Manual Integrations

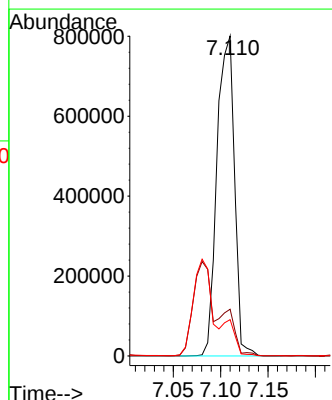
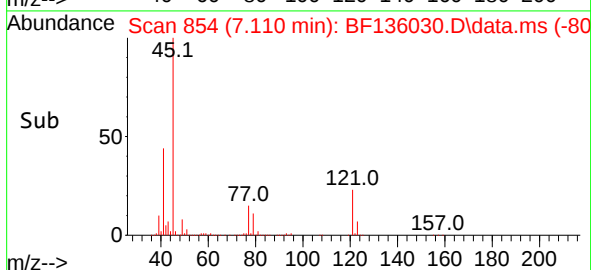
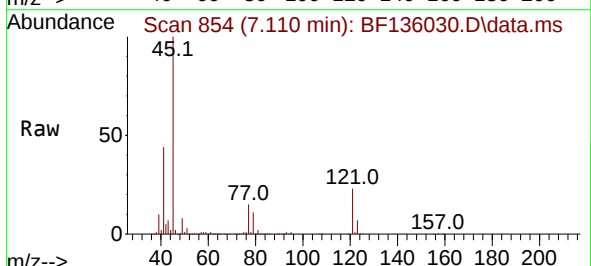
APPROVED

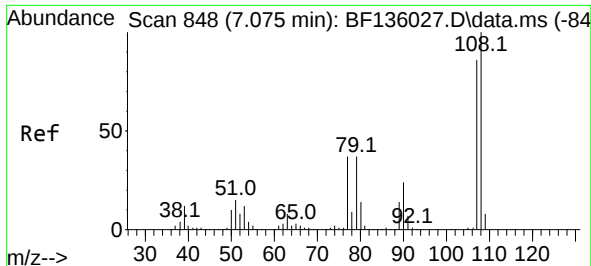
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 77.809 ng  
RT: 7.110 min Scan# 854  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion: 45 Resp: 1028768  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 34.6  
79 11.4 0.0 30.6





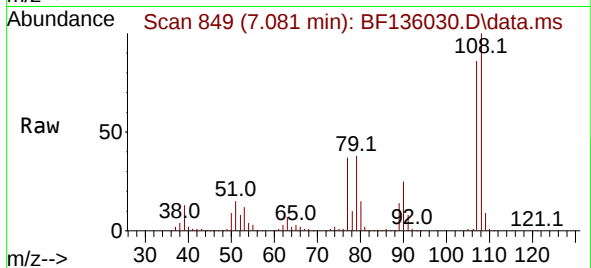
#17  
2-Methylphenol  
Concen: 80.000 ng  
RT: 7.081 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

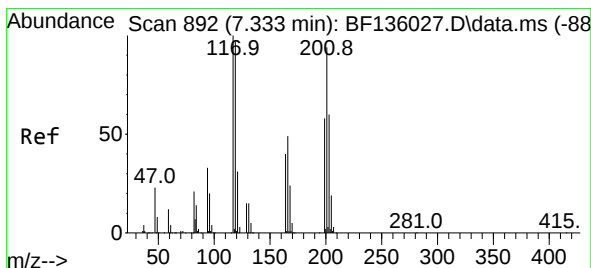
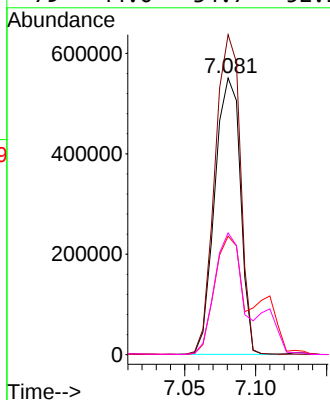
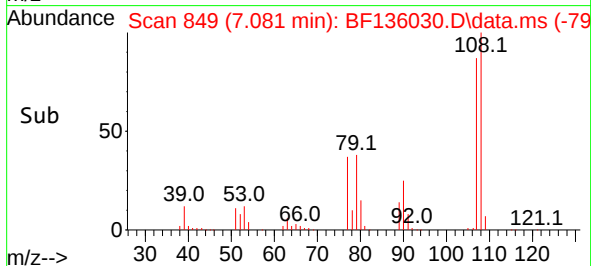


Tgt Ion:107 Resp: 69084  
Ion Ratio Lower Upper  
107 100  
108 115.7 93.4 140.2  
77 42.9 34.4 51.6  
79 44.0 34.7 52.1

Manual Integrations

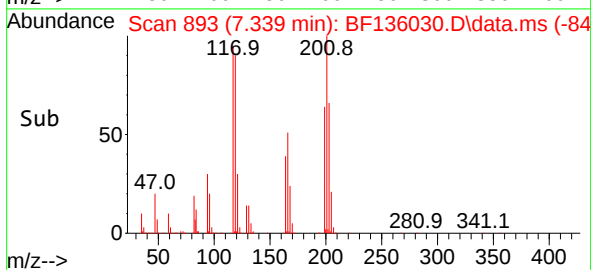
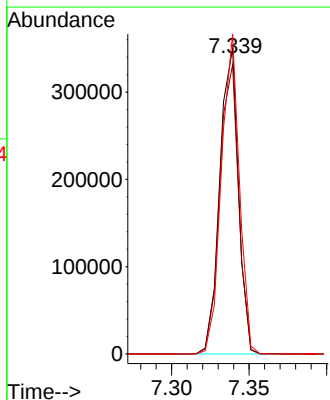
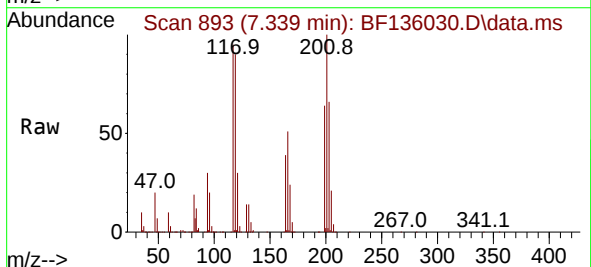
APPROVED

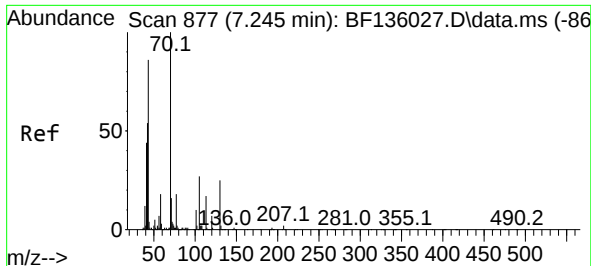
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#18  
Hexachloroethane  
Concen: 78.603 ng  
RT: 7.339 min Scan# 893  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:117 Resp: 293334  
Ion Ratio Lower Upper  
117 100  
119 94.8 77.7 116.5  
201 104.8 75.0 112.6





#19

n-Nitroso-di-n-propylamine

Concen: 77.650 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 52633

Ion Ratio Lower Upper

70 100

42 52.3 43.0 64.4

101 9.9 8.0 12.0

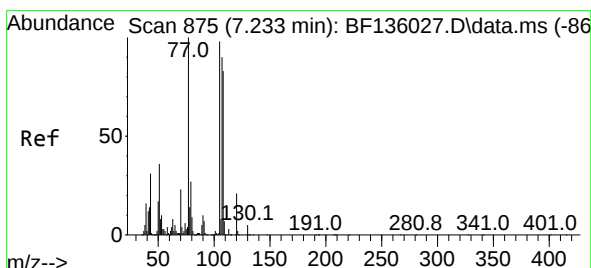
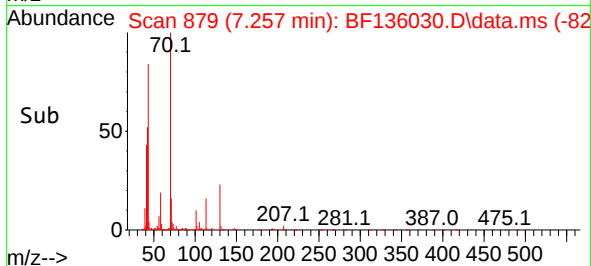
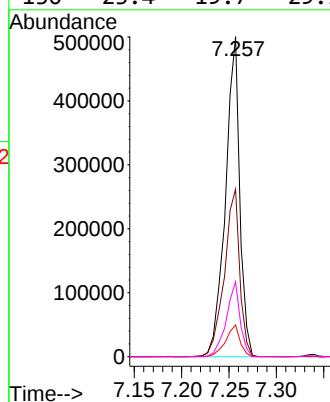
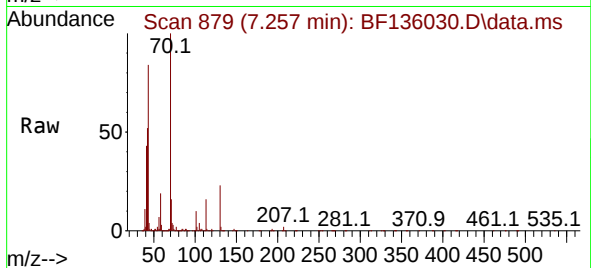
130 23.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#20

3+4-Methylphenols

Concen: 71.156 ng

RT: 7.239 min Scan# 876

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Tgt Ion:107 Resp: 749280

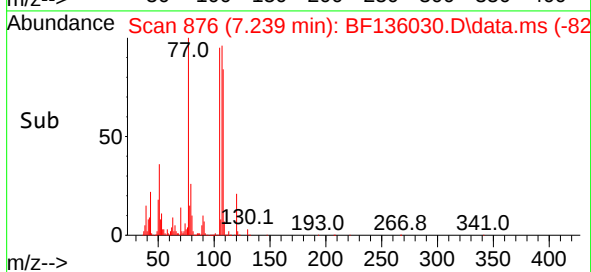
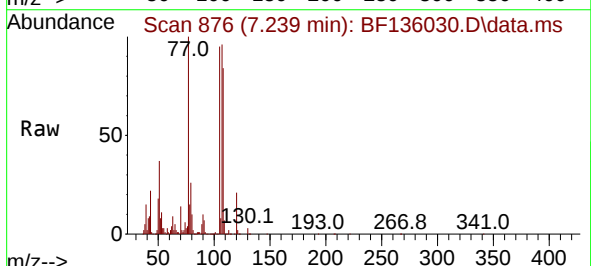
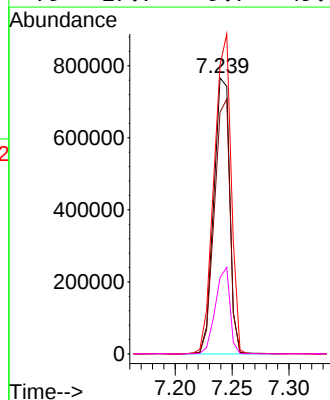
Ion Ratio Lower Upper

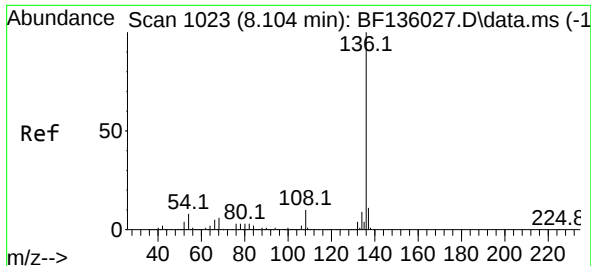
107 100

108 87.7 72.3 112.3

77 104.7 91.4 131.4

79 27.7 9.7 49.7





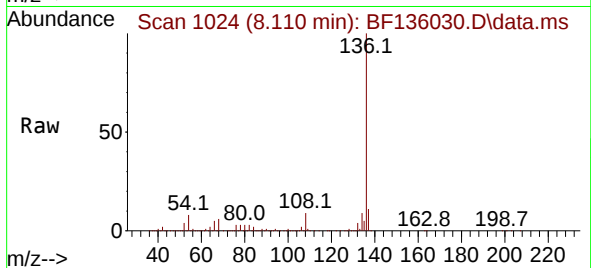
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

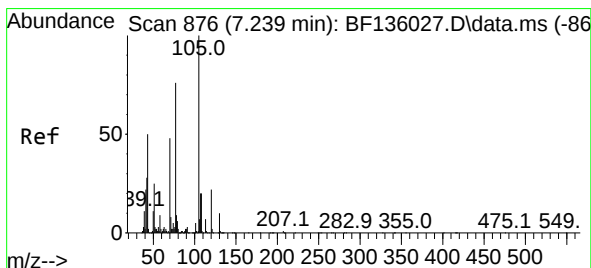
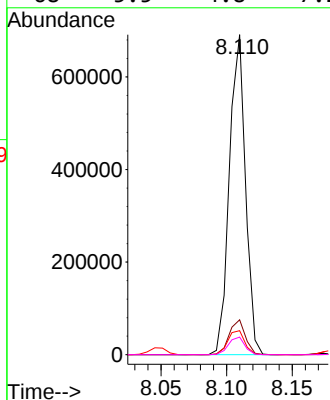
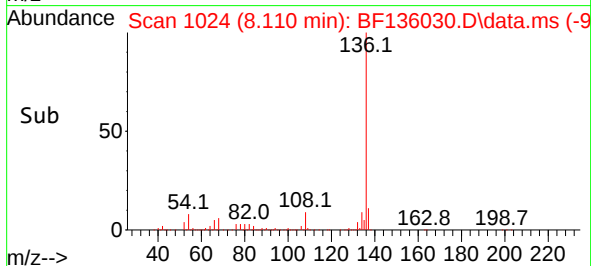


Tgt Ion:136 Resp: 59056  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.5 6.6 9.8  
68 5.5 4.8 7.2

Manual Integrations

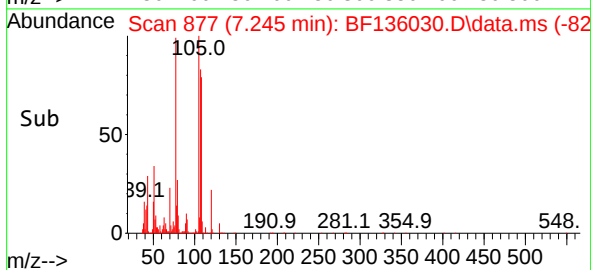
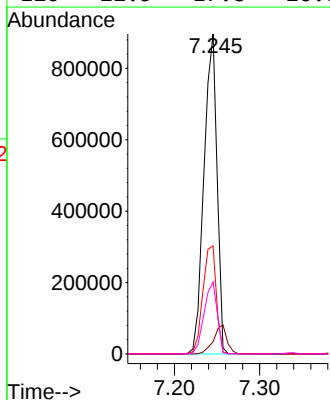
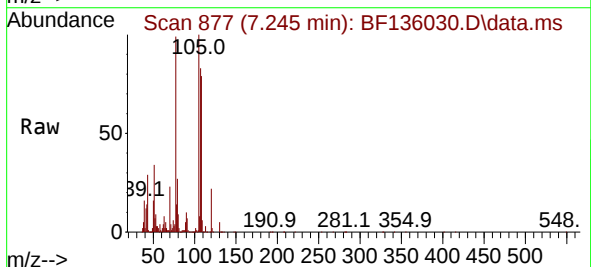
APPROVED

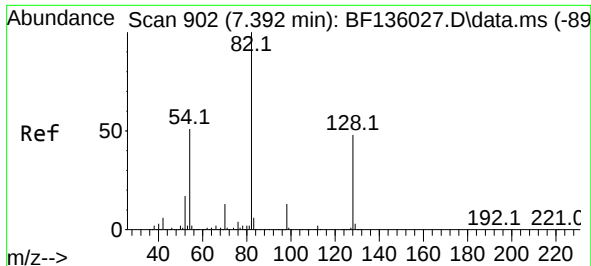
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#22  
Acetophenone  
Concen: 72.425 ng  
RT: 7.245 min Scan# 877  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:105 Resp: 948442  
Ion Ratio Lower Upper  
105 100  
71 3.8 6.5 9.7#  
51 33.7 20.3 30.5#  
120 22.5 17.8 26.8





#23

Nitrobenzene-d5

Concen: 163.043 ng

RT: 7.398 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1597280

Ion Ratio Lower Upper

82 100

128 47.5 38.6 57.8

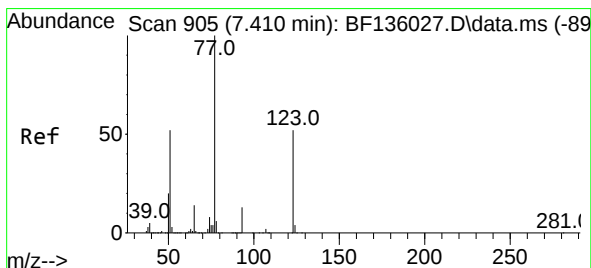
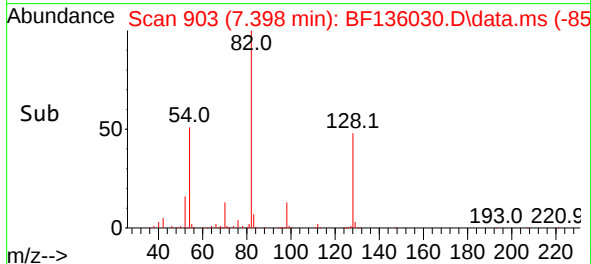
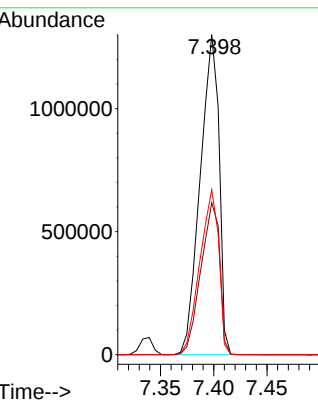
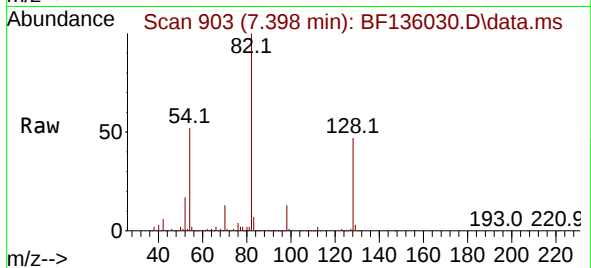
54 51.6 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#24

Nitrobenzene

Concen: 80.302 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

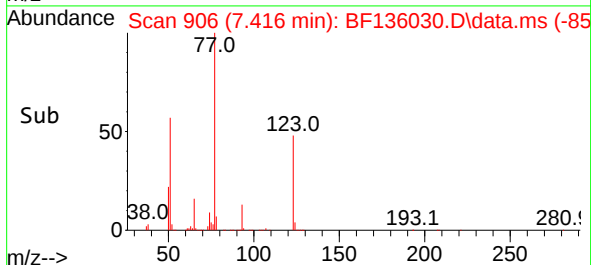
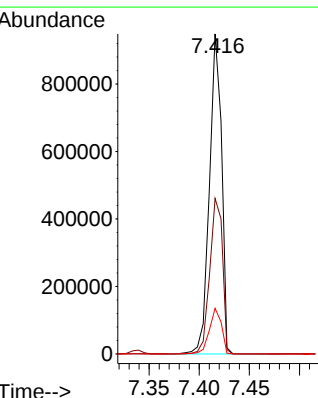
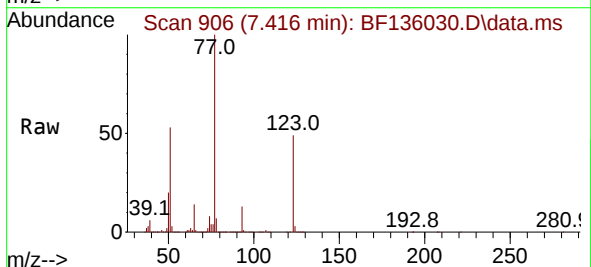
Tgt Ion: 77 Resp: 795754

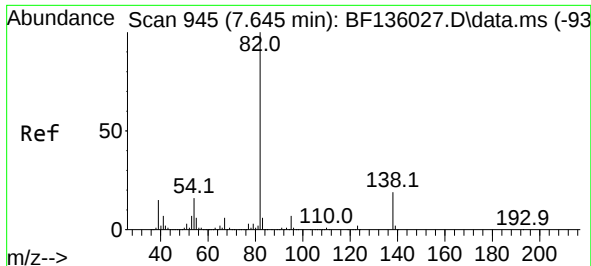
Ion Ratio Lower Upper

77 100

123 48.6 42.3 63.5

65 14.3 11.0 16.6





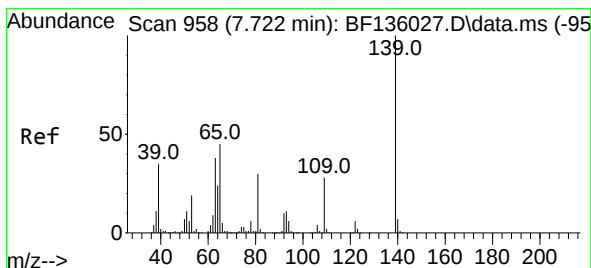
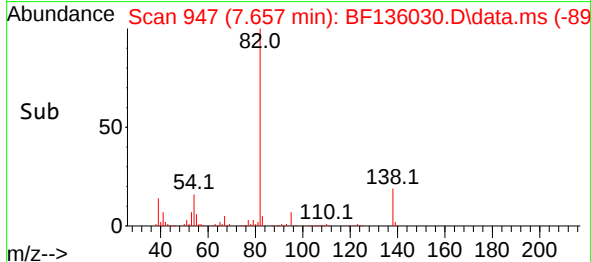
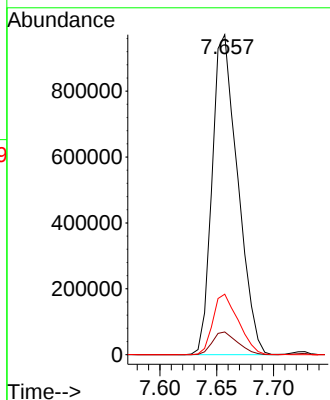
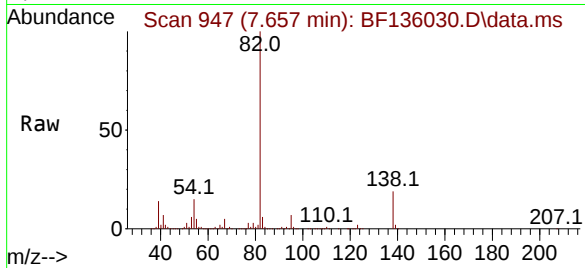
#25  
Isophorone  
Concen: 82.299 ng  
RT: 7.657 min Scan# 945  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 82 Resp: 152212  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.9 8.9  
138 18.9 15.3 22.9

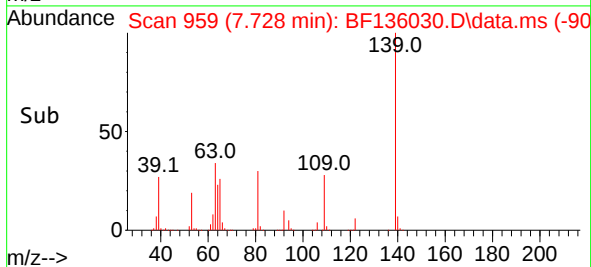
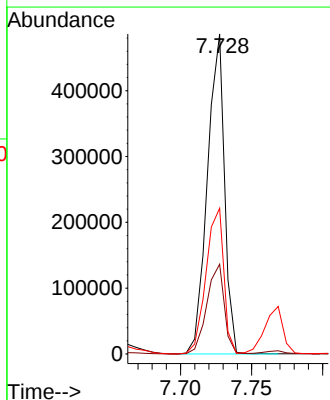
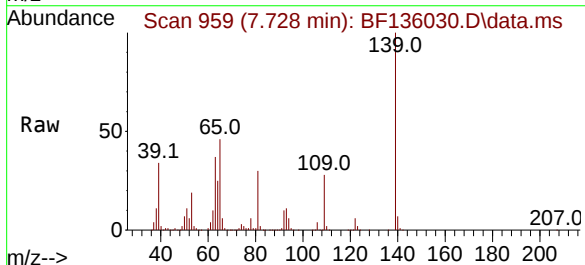
Manual Integrations  
APPROVED

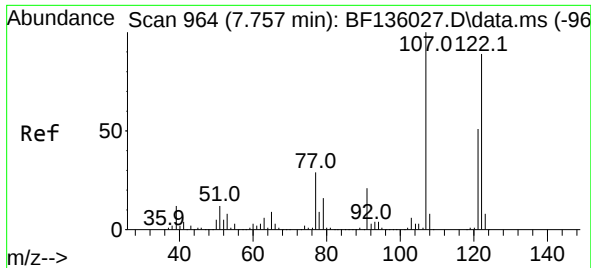
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#26  
2-Nitrophenol  
Concen: 90.327 ng  
RT: 7.728 min Scan# 959  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:139 Resp: 408390  
Ion Ratio Lower Upper  
139 100  
109 28.1 22.6 34.0  
65 45.6 36.3 54.5





#27  
2,4-Dimethylphenol  
Concen: 79.499 ng  
RT: 7.769 min Scan# 90  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

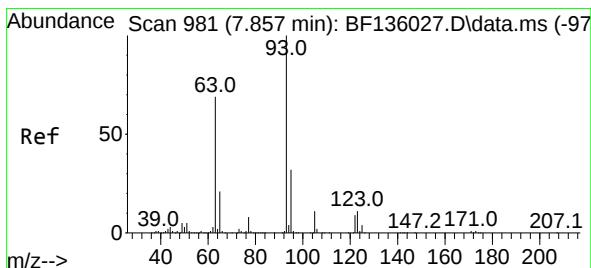
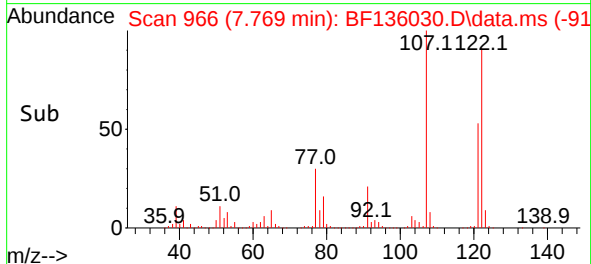
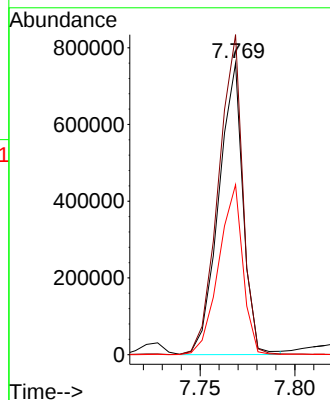
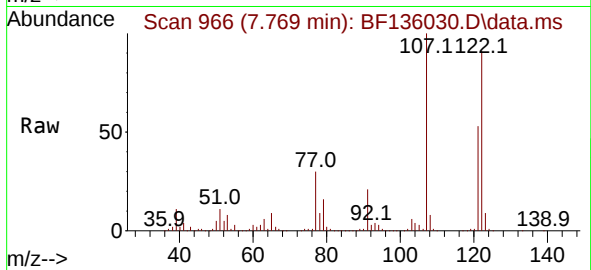
SSTDICC080

Tgt Ion:122 Resp: 67920  
Ion Ratio Lower Upper  
122 100  
107 109.8 89.6 134.4  
121 58.3 46.0 69.0

Manual Integrations

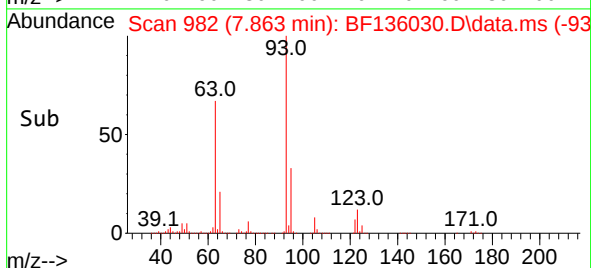
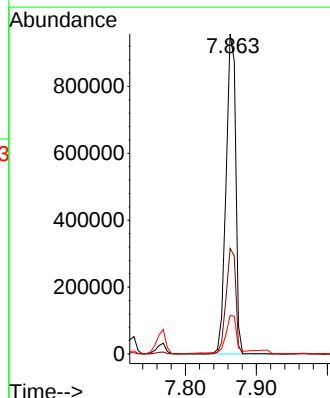
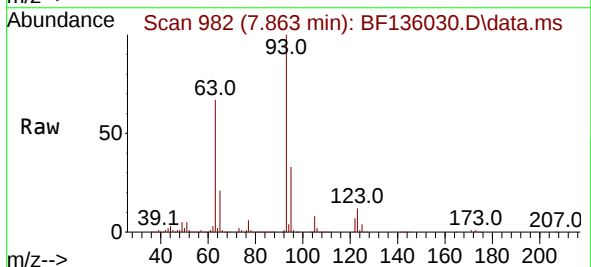
APPROVED

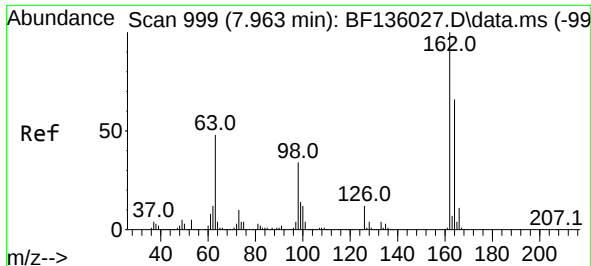
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 79.037 ng  
RT: 7.863 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion: 93 Resp: 895650  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.7 38.5  
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 79.419 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

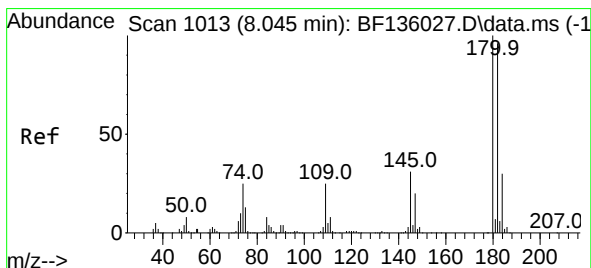
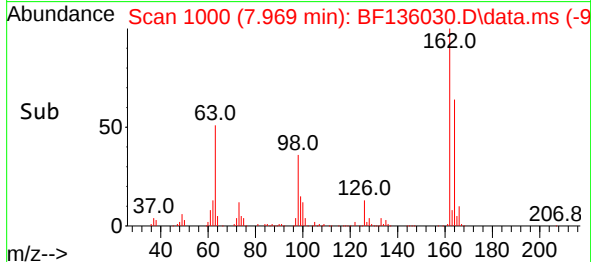
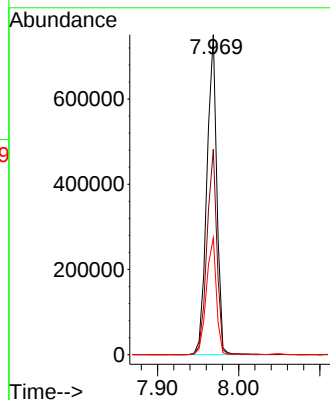
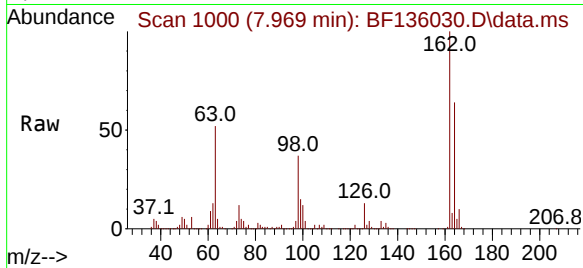
SSTDICC080

Tgt Ion:162 Resp: 639664  
 Ion Ratio Lower Upper  
 162 100  
 164 64.2 45.5 85.5  
 98 36.5 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 77.463 ng

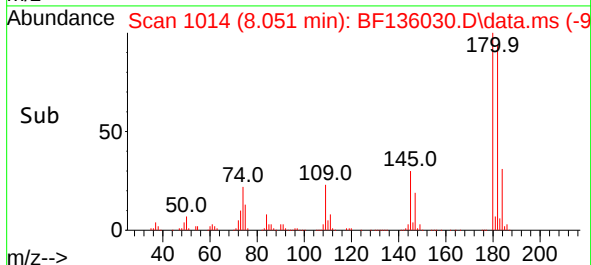
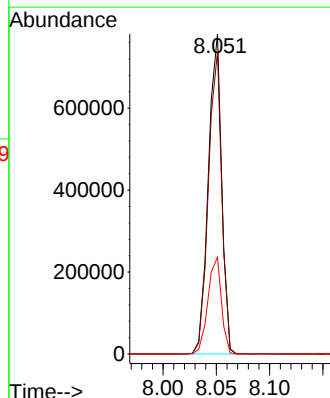
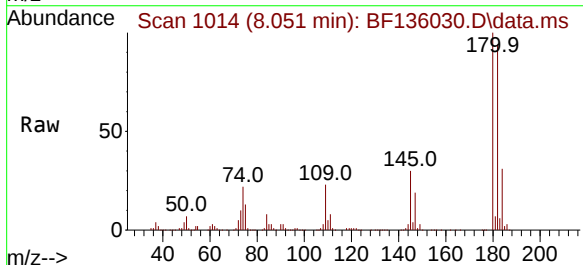
RT: 8.051 min Scan# 1014

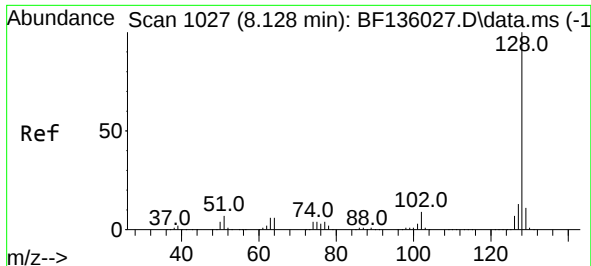
Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

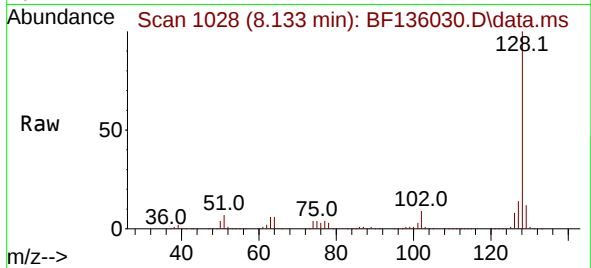
Tgt Ion:180 Resp: 680613  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 76.9 115.3  
 145 30.3 24.7 37.1





#31  
Naphthalene  
Concen: 74.574 ng  
RT: 8.133 min Scan# 1027  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

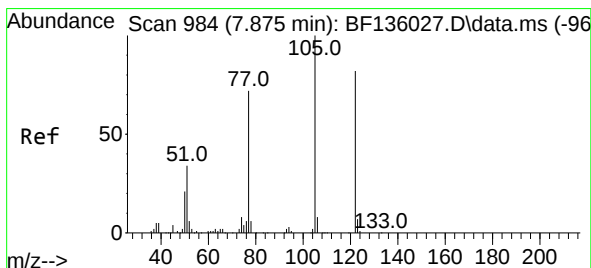
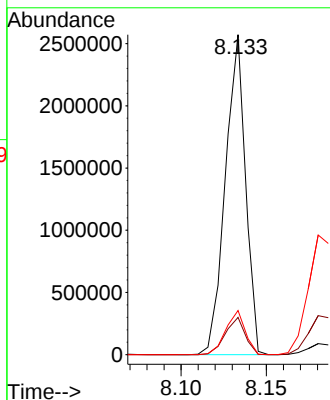
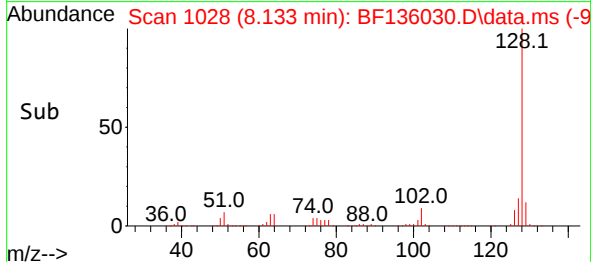
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:128 Resp: 2123734  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.9 13.3  
127 13.8 10.5 15.7

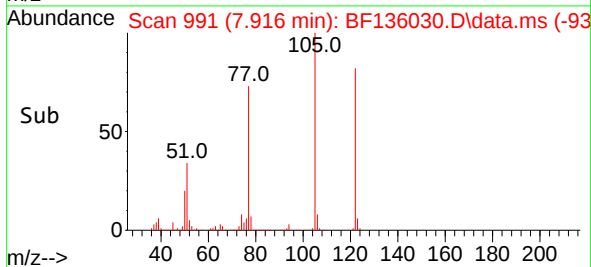
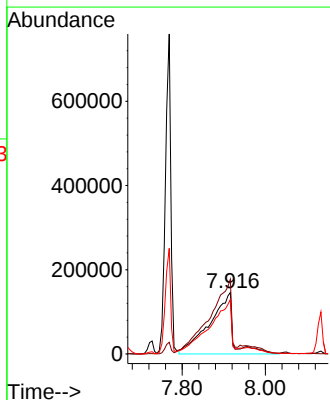
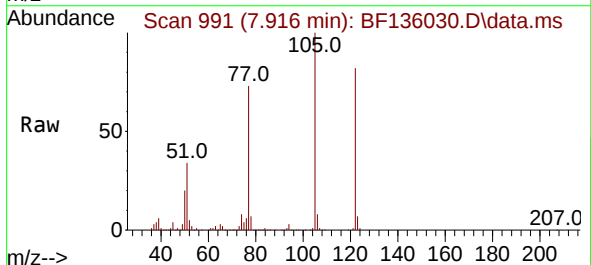
Manual Integrations  
APPROVED

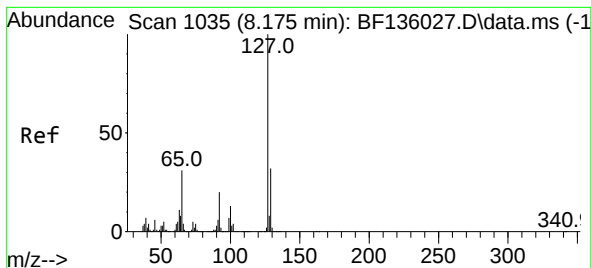
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#32  
Benzoic acid  
Concen: 81.675 ng m  
RT: 7.916 min Scan# 991  
Delta R.T. 0.041 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:122 Resp: 584218  
Ion Ratio Lower Upper  
122 100  
105 121.2 99.5 139.5  
77 88.5 66.8 106.8





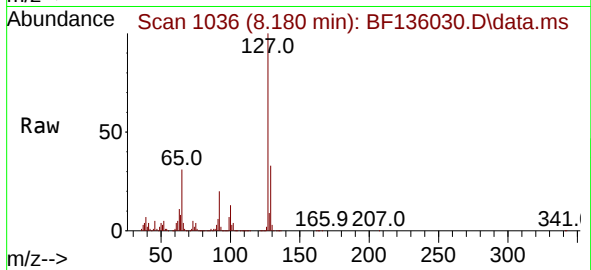
#33  
4-Chloroaniline  
Concen: 77.253 ng  
RT: 8.180 min Scan# 1035  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

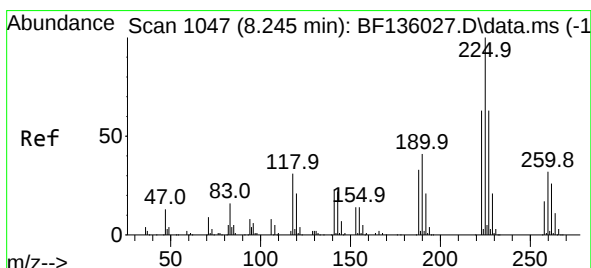
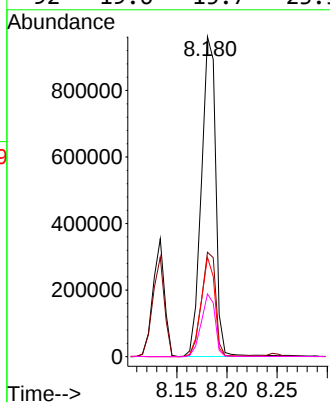
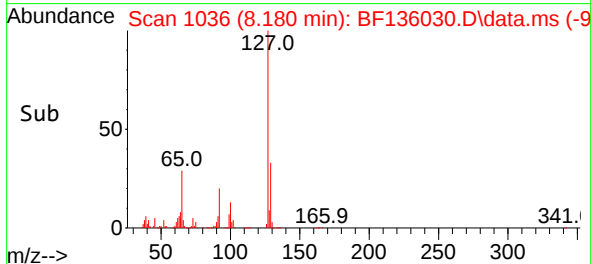


Tgt Ion:127 Resp: 963472  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.9 38.9  
65 31.1 24.6 37.0  
92 19.6 15.7 23.5

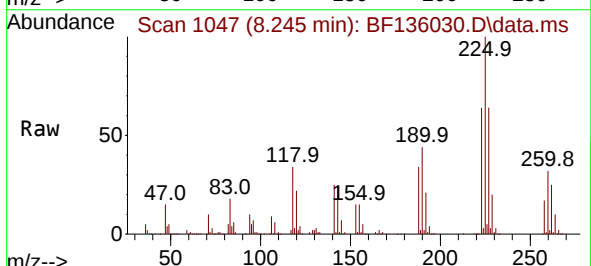
Manual Integrations

APPROVED

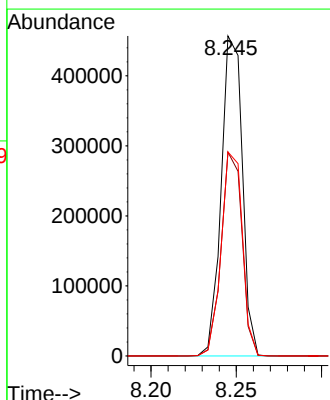
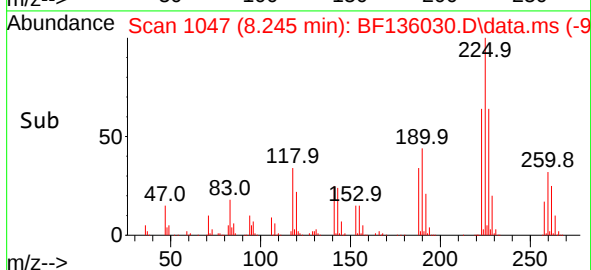
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

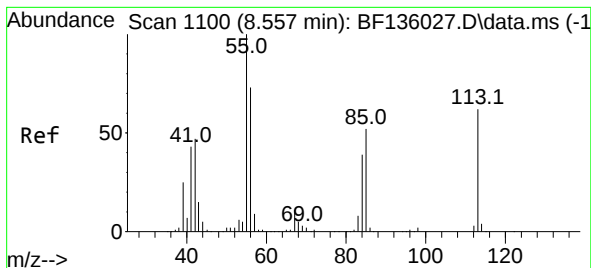


#34  
Hexachlorobutadiene  
Concen: 77.942 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion:225 Resp: 392736  
Ion Ratio Lower Upper  
225 100  
223 63.7 50.3 75.5  
227 63.8 50.6 75.8





#35

Caprolactam

Concen: 84.953 ng m

RT: 8.580 min Scan# 1104

Delta R.T. 0.024 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

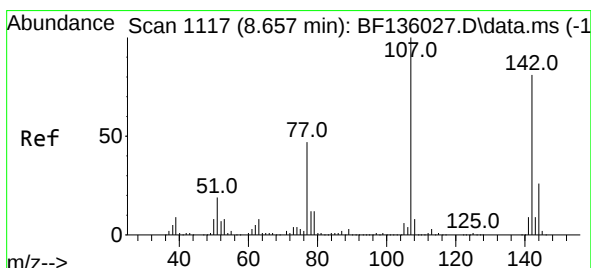
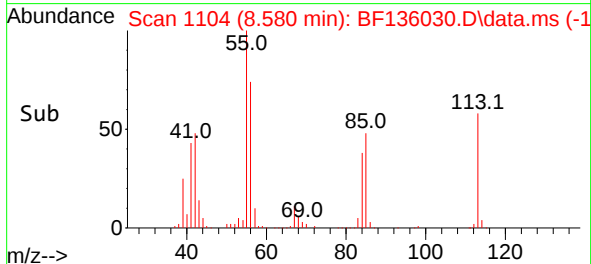
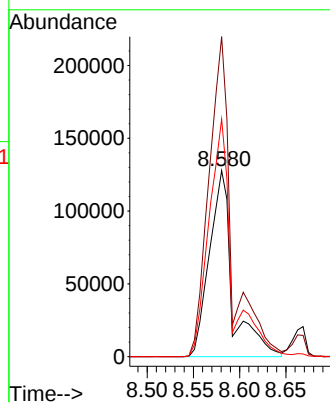
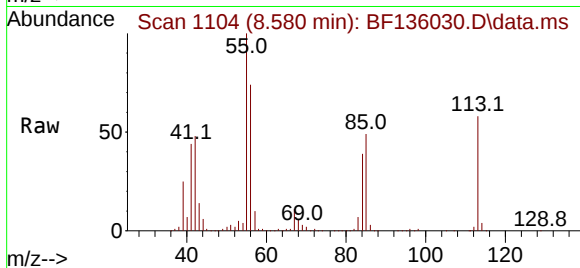
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 22248 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 171.9 | 142.2 | 182.2 |
| 56        | 127.6 | 97.7  | 137.7 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#36

4-Chloro-3-methylphenol

Concen: 79.672 ng

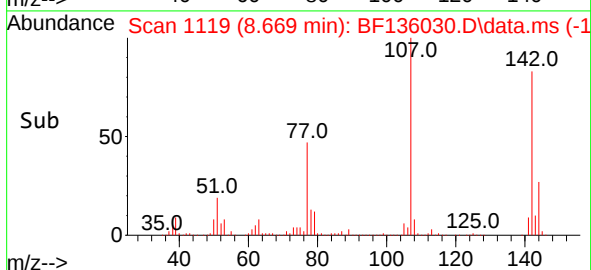
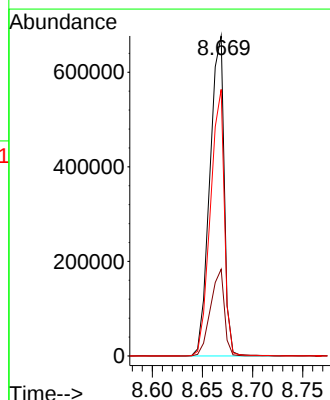
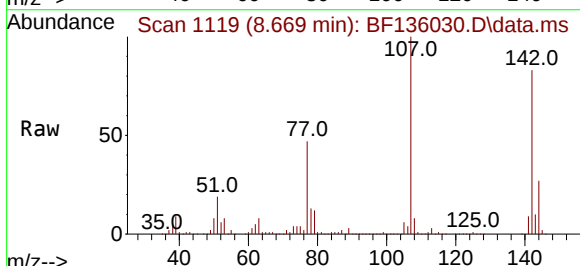
RT: 8.669 min Scan# 1119

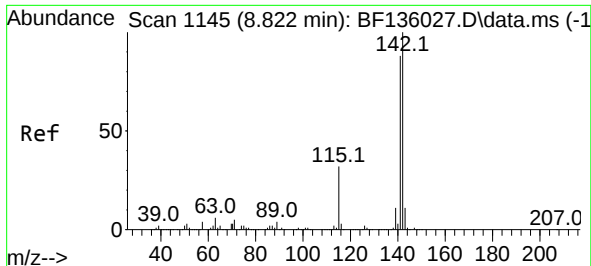
Delta R.T. 0.012 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 673691 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 27.1  | 20.6  | 31.0   |
| 142       | 83.3  | 64.6  | 97.0   |





#37

2-Methylnaphthalene

Concen: 74.467 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 142197

Ion Ratio Lower Upper

142 100

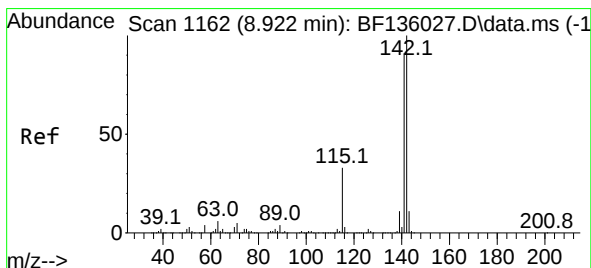
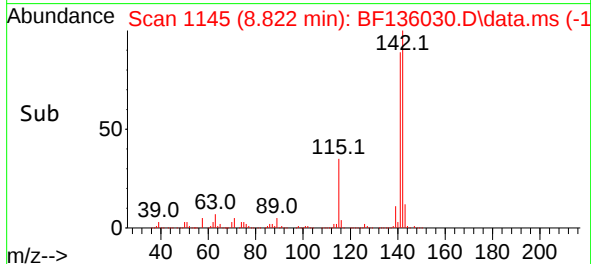
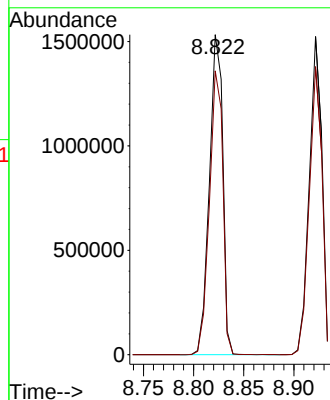
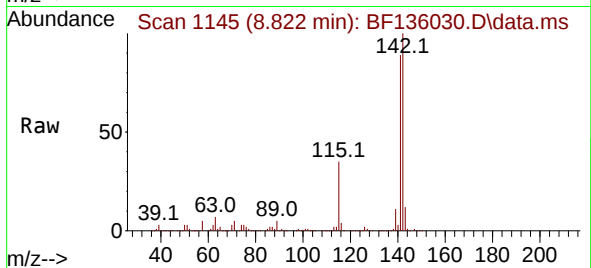
141 88.7 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#38

1-Methylnaphthalene

Concen: 74.827 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF136030.D

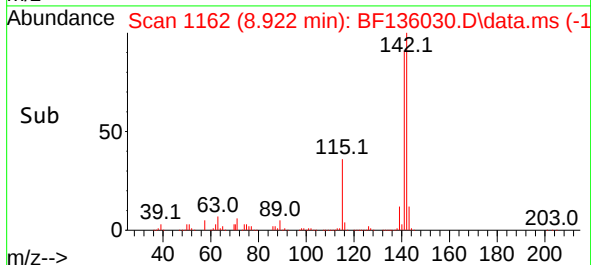
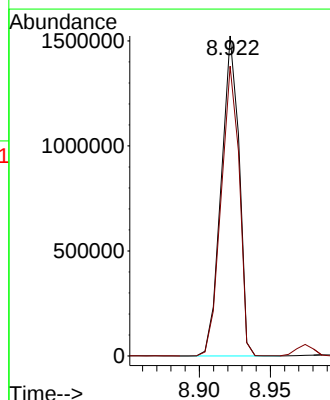
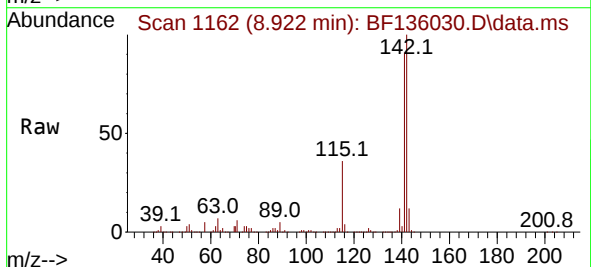
Acq: 30 Oct 2023 15:51

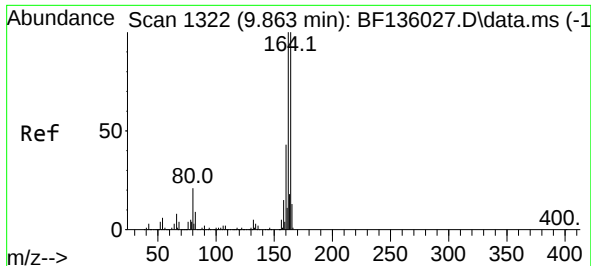
Tgt Ion:142 Resp: 1329685

Ion Ratio Lower Upper

142 100

141 90.6 72.6 109.0





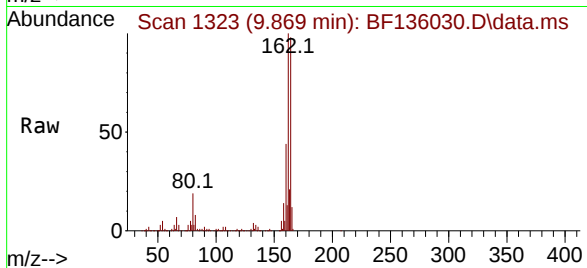
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1173  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



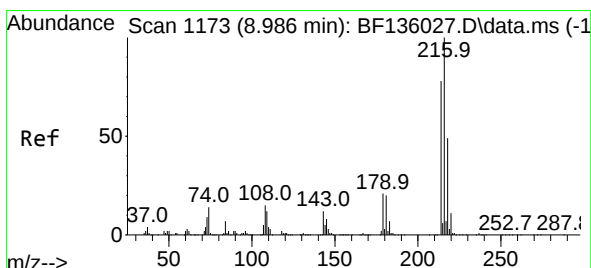
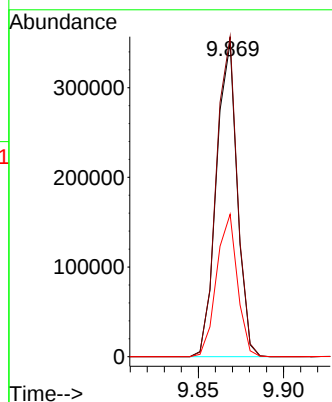
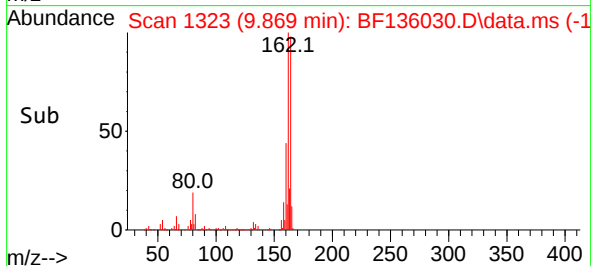
Tgt Ion:164 Resp: 29803  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.1 120.1  
160 45.3 34.8 52.2

Manual Integrations

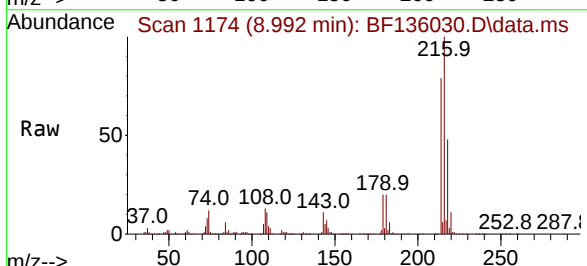
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

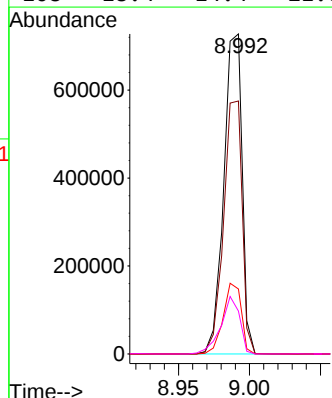
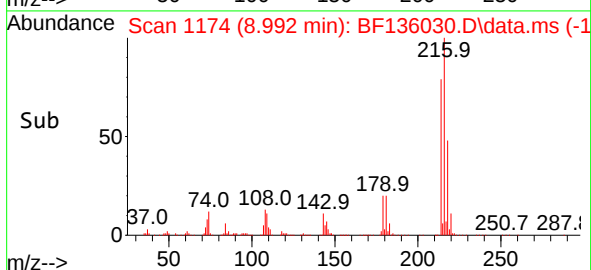
Supervised By :mohammad ahmed 10/31/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 76.841 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



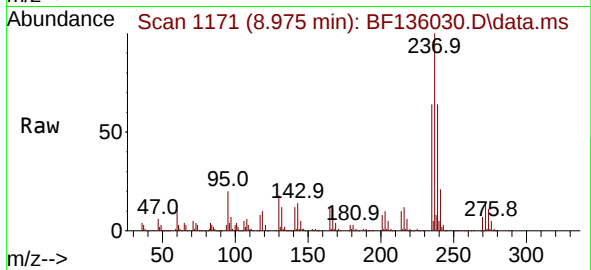
Tgt Ion:216 Resp: 653124  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.8 95.6  
179 21.7 17.5 26.3  
108 18.4 14.4 21.6





#41  
Hexachlorocyclopentadiene  
Concen: 86.717 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

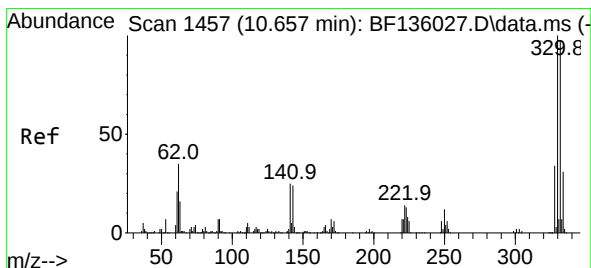
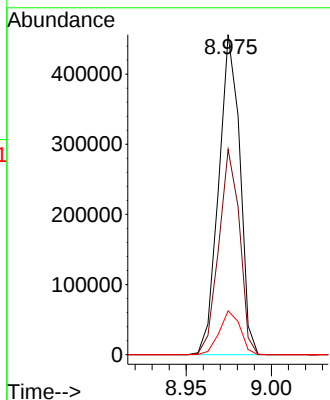
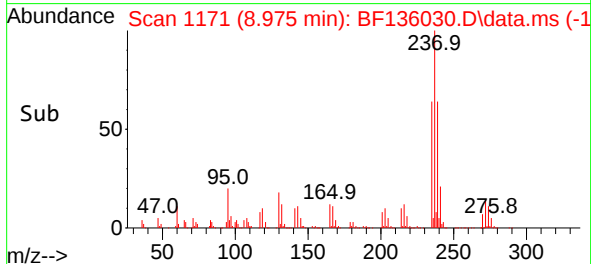
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



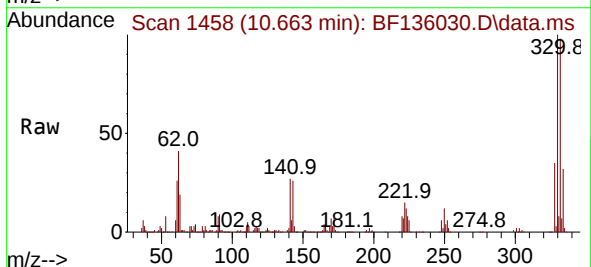
Tgt Ion: 237 Resp: 393777  
Ion Ratio Lower Upper  
237 100  
235 64.2 43.3 83.3  
272 13.7 0.0 34.2

Manual Integrations  
APPROVED

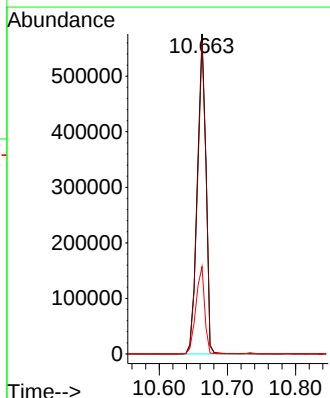
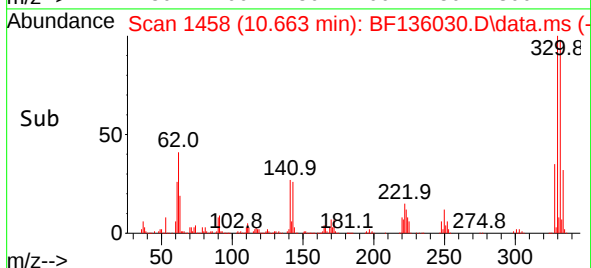
Reviewed By : Yogesh Patel 10/31/2023  
Supervised By : mohammad ahmed 10/31/2023

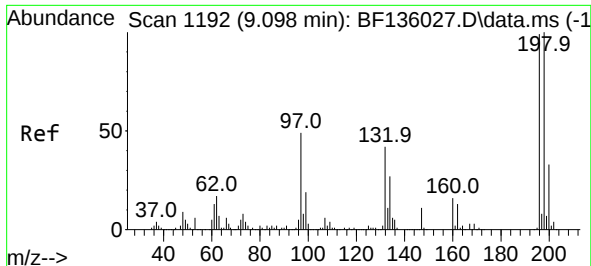


#42  
2,4,6-Tribromophenol  
Concen: 159.172 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion: 330 Resp: 506349  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.9 115.3  
141 27.8 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 80.811 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 44784

Ion Ratio Lower Upper

196 100

198 100.6 80.7 121.1

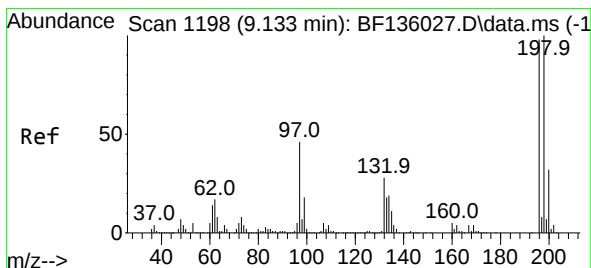
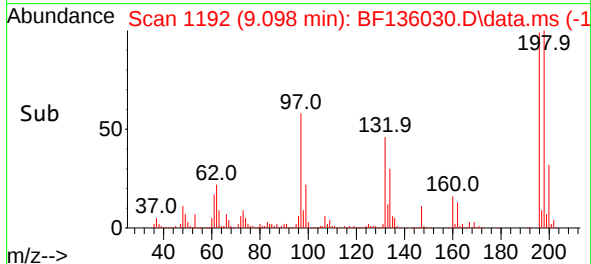
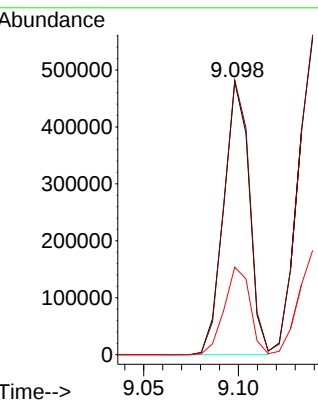
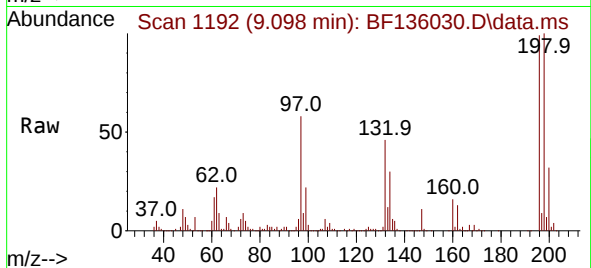
200 32.1 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#44

2,4,5-Trichlorophenol

Concen: 80.823 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Tgt Ion:196 Resp: 518852

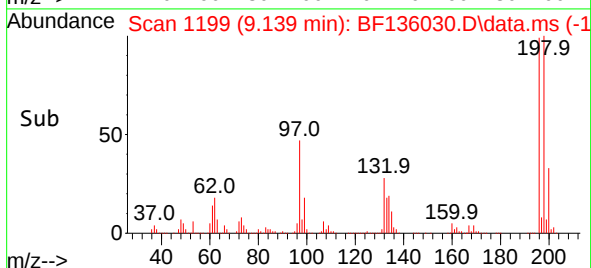
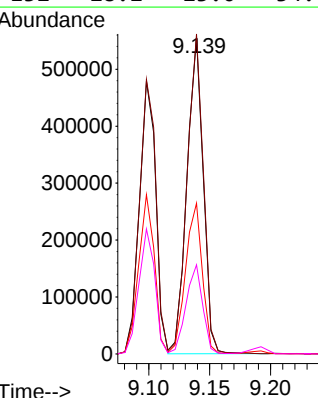
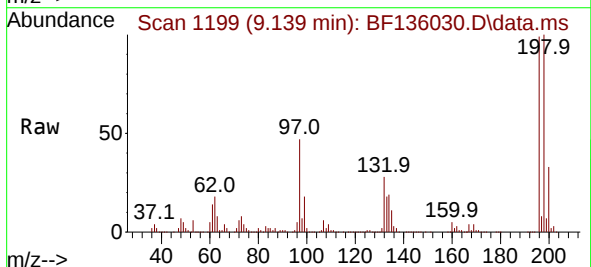
Ion Ratio Lower Upper

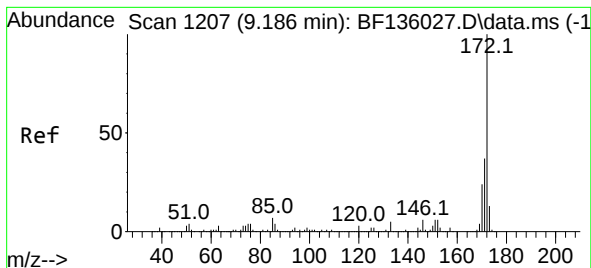
196 100

198 101.0 81.6 122.4

97 47.6 38.2 57.2

132 28.2 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 139.665 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 2611184

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

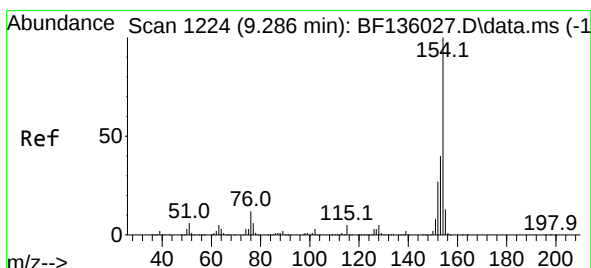
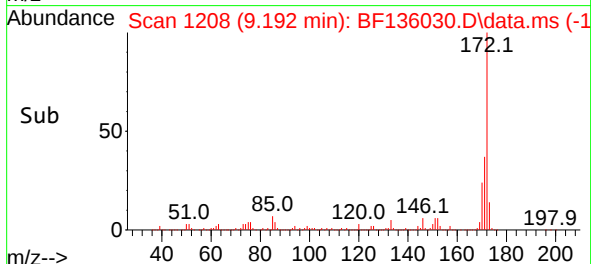
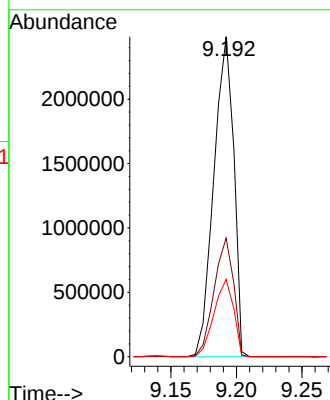
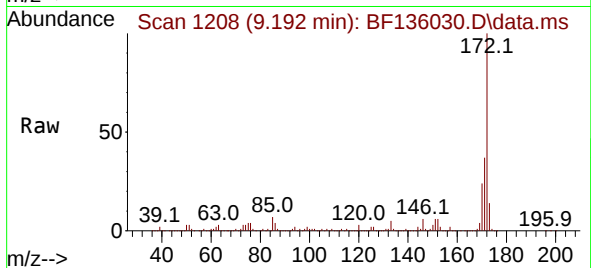
170 24.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#46

1,1'-Biphenyl

Concen: 74.238 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

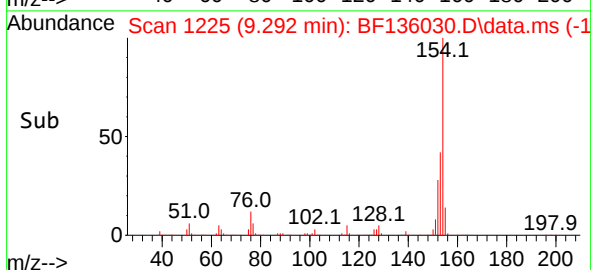
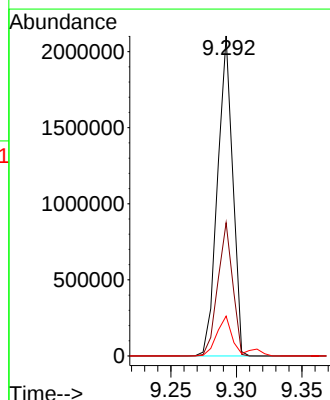
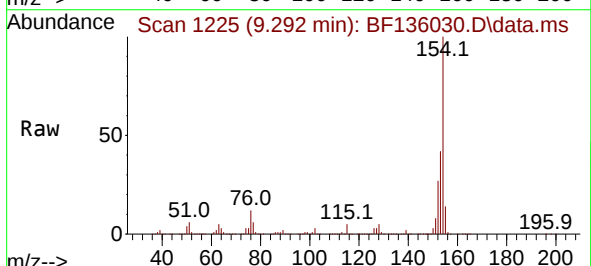
Tgt Ion:154 Resp: 1686656

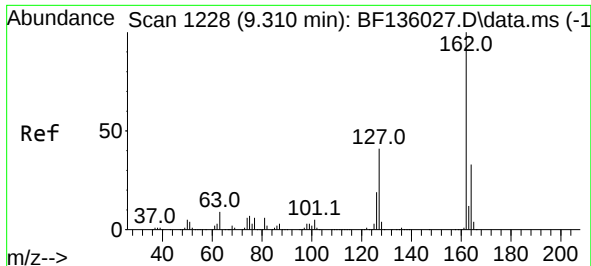
Ion Ratio Lower Upper

154 100

153 41.7 20.1 60.1

76 12.5 0.0 32.5





#47

2-Chloronaphthalene

Concen: 77.080 ng

RT: 9.316 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1290994

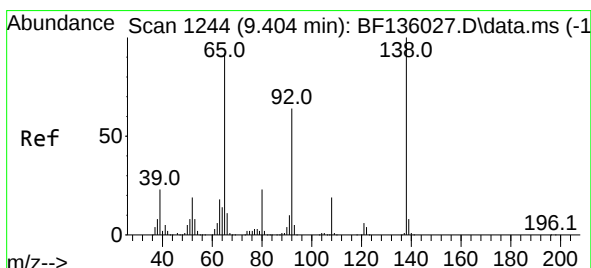
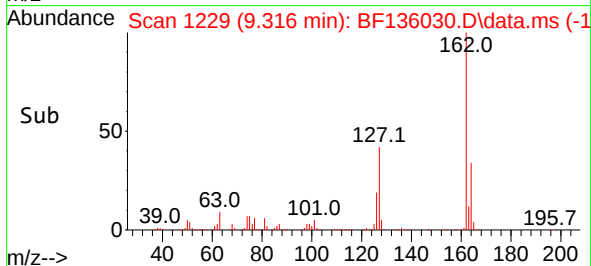
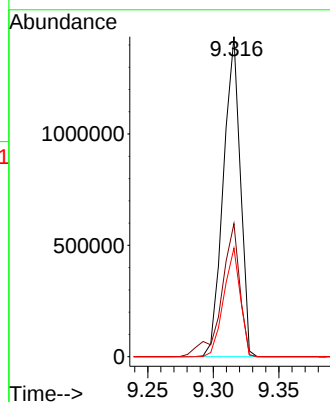
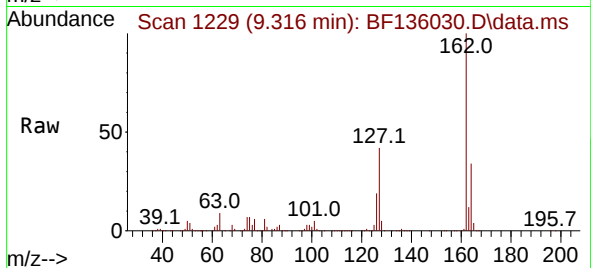
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 41.6  | 32.4  | 48.6  |
| 164 | 33.9  | 26.7  | 40.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#48

2-Nitroaniline

Concen: 88.028 ng

RT: 9.410 min Scan# 1245

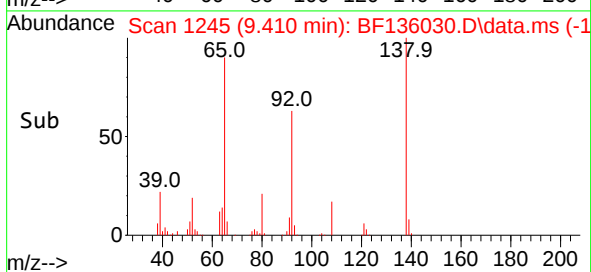
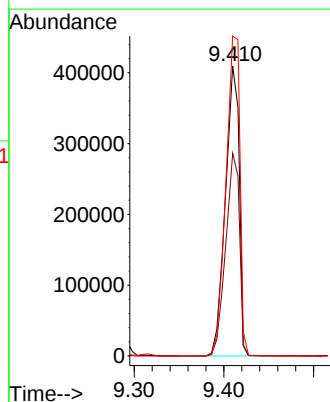
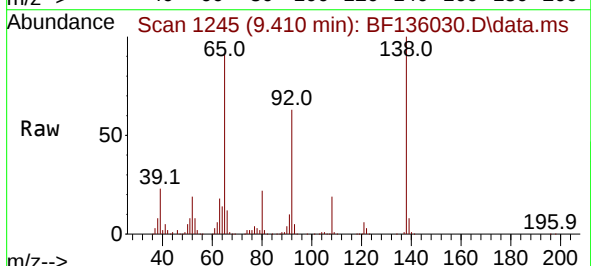
Delta R.T. 0.006 min

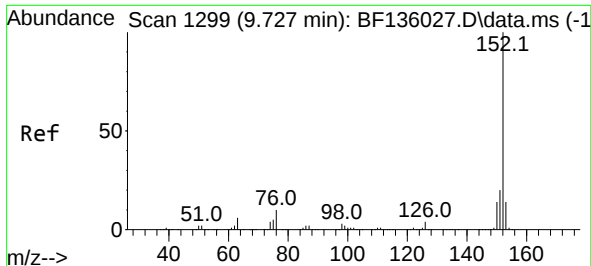
Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Tgt Ion: 65 Resp: 436334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 69.9  | 55.7  | 83.5  |
| 138 | 110.4 | 86.8  | 130.2 |





#49  
Acenaphthylene  
Concen: 76.259 ng  
RT: 9.733 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

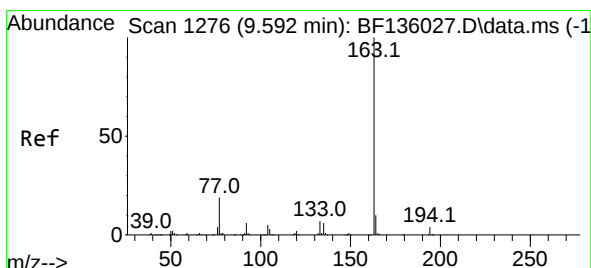
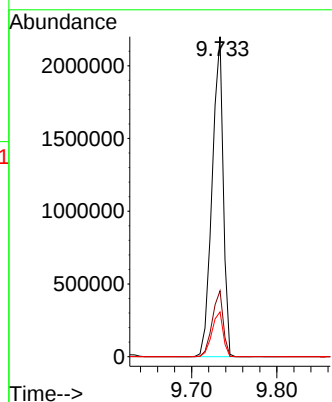
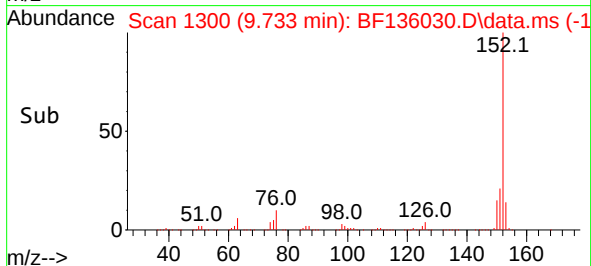
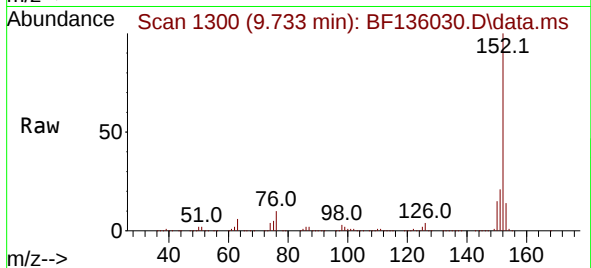
SSTDICC080

Tgt Ion:152 Resp: 1992544  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1  
153 14.0 11.4 17.2

Manual Integrations

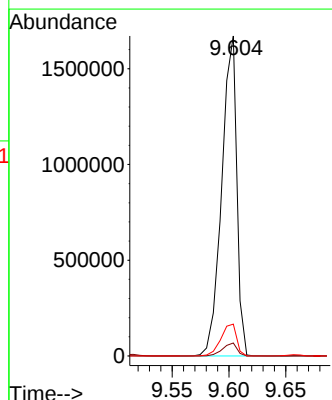
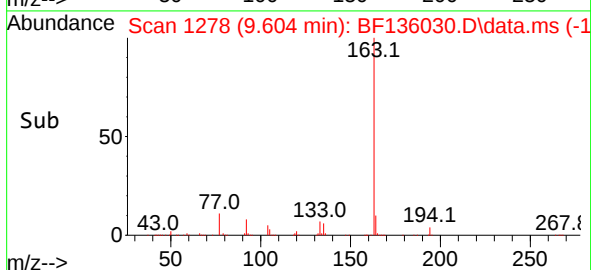
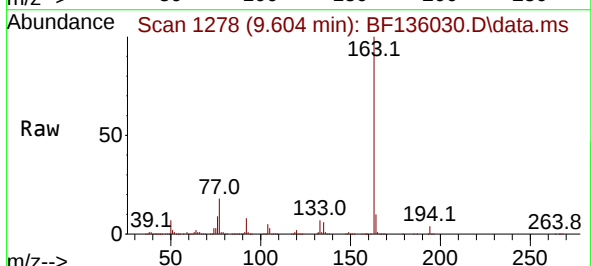
APPROVED

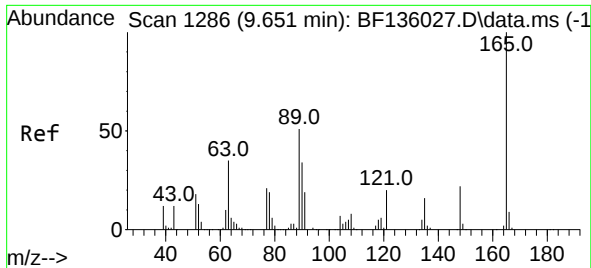
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#50  
Dimethylphthalate  
Concen: 78.705 ng  
RT: 9.604 min Scan# 1278  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:163 Resp: 1547246  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 9.9 8.1 12.1





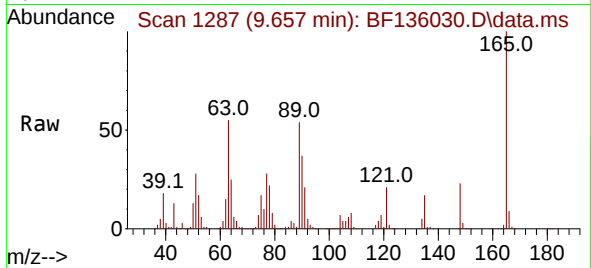
#51  
2,6-Dinitrotoluene  
Concen: 87.363 ng  
RT: 9.657 min Scan# 1286  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

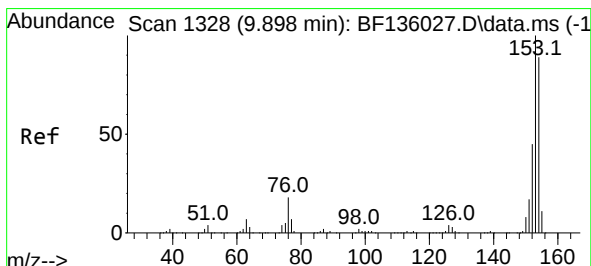
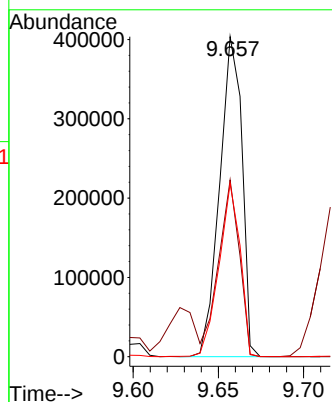
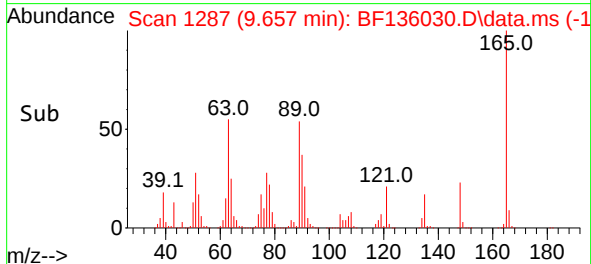


Tgt Ion:165 Resp: 367327  
Ion Ratio Lower Upper  
165 100  
63 55.2 40.8 61.2  
89 54.1 41.1 61.7

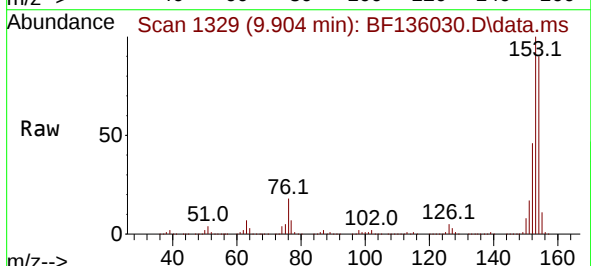
Manual Integrations

APPROVED

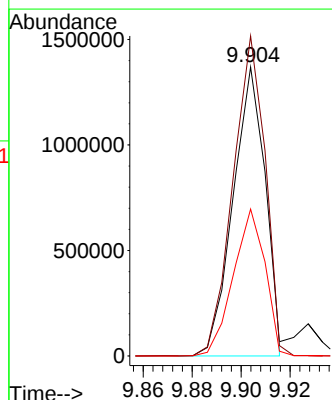
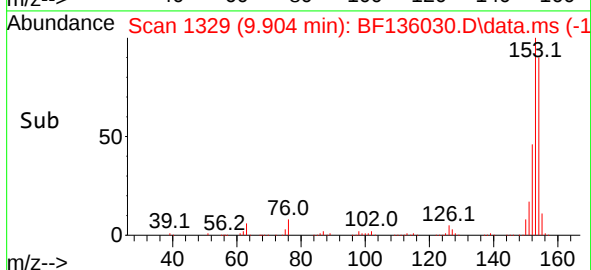
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

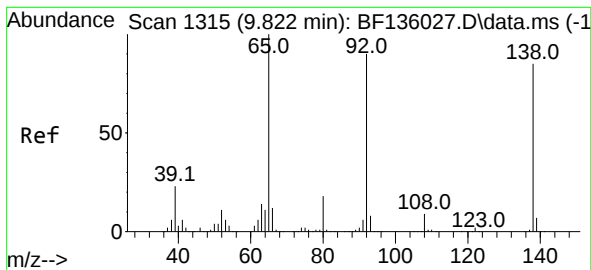


#52  
Acenaphthene  
Concen: 75.512 ng m  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion:154 Resp: 1250144  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.9 134.9  
152 50.8 40.2 60.2





#53  
3-Nitroaniline  
Concen: 86.951 ng  
RT: 9.827 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

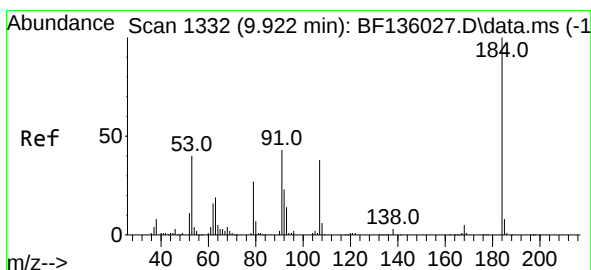
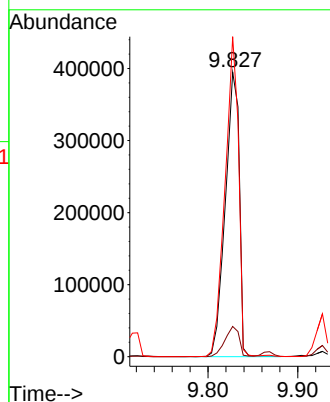
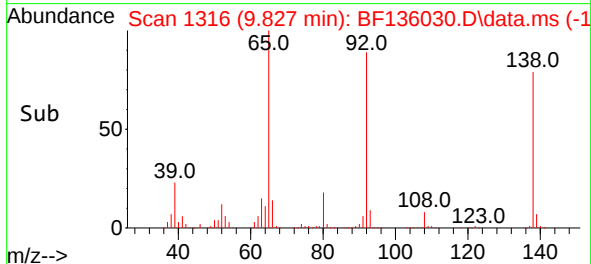
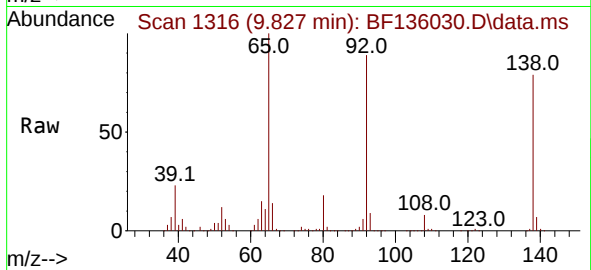
SSTDICC080

Tgt Ion:138 Resp: 426580  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.8 13.2  
92 112.5 84.6 126.8

Manual Integrations

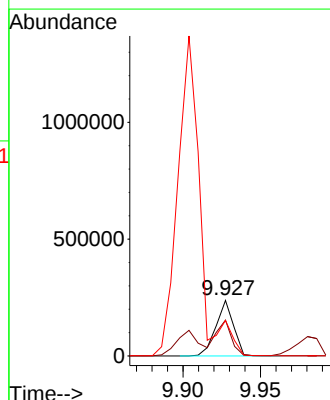
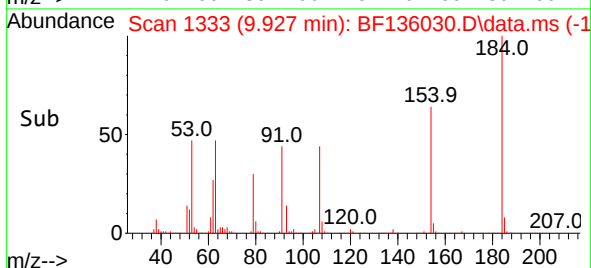
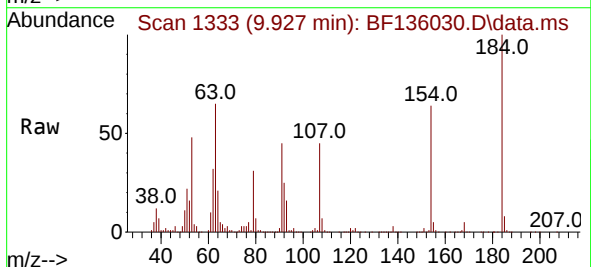
APPROVED

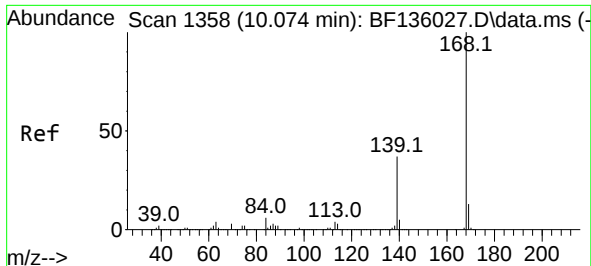
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#54  
2,4-Dinitrophenol  
Concen: 82.504 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. 0.005 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:184 Resp: 188641  
Ion Ratio Lower Upper  
184 100  
63 64.6 43.7 65.5  
154 64.0 51.2 76.8





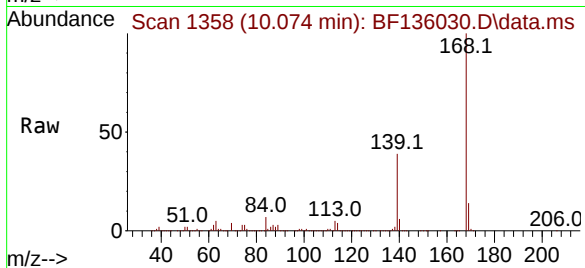
#55  
Dibenzenofuran  
Concen: 75.261 ng  
RT: 10.074 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



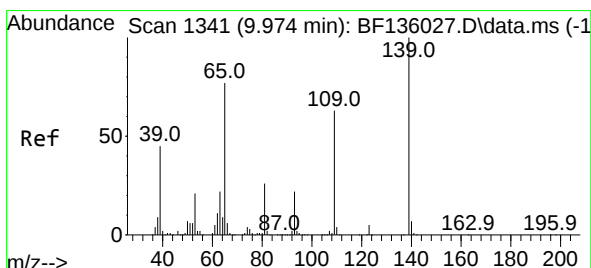
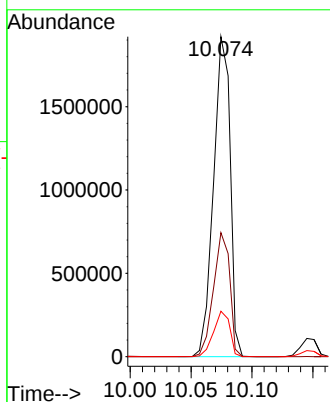
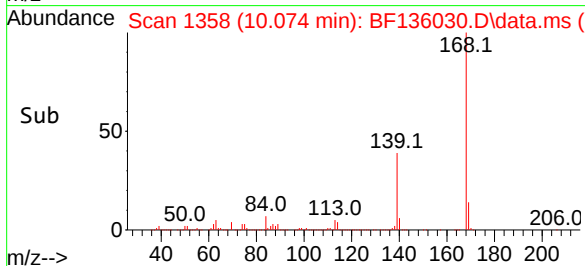
Tgt Ion:168 Resp: 182284  
Ion Ratio Lower Upper  
168 100  
139 38.7 29.4 44.0  
169 14.2 10.5 15.7

Manual Integrations

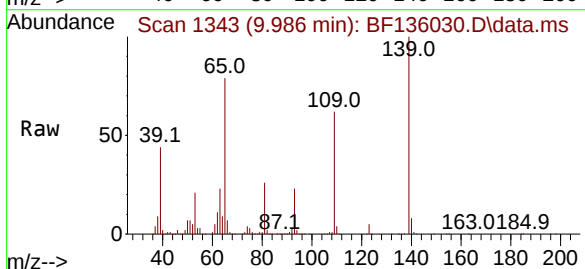
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

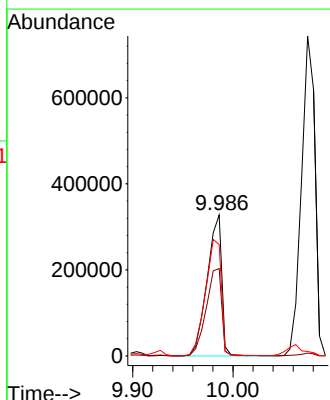
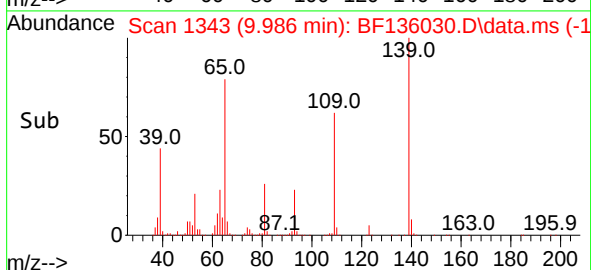
Supervised By :mohammad ahmed 10/31/2023

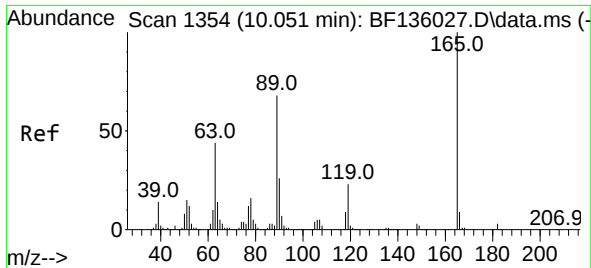


#56  
4-Nitrophenol  
Concen: 90.716 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion:139 Resp: 332905  
Ion Ratio Lower Upper  
139 100  
109 62.0 43.2 83.2  
65 79.0 57.6 97.6





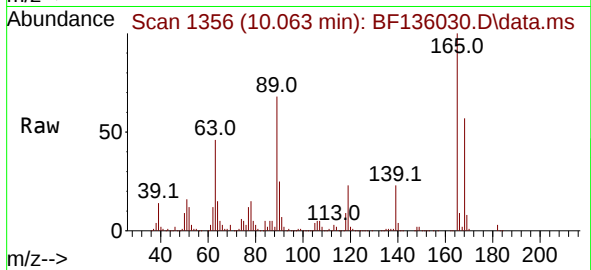
#57  
2,4-Dinitrotoluene  
Concen: 85.796 ng  
RT: 10.063 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

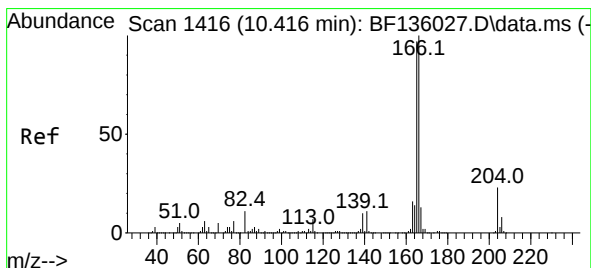
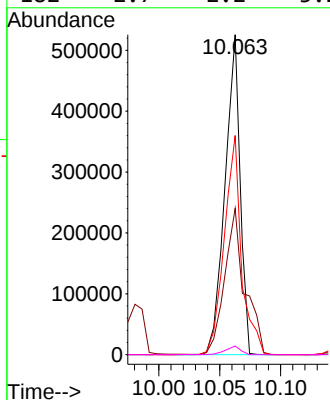
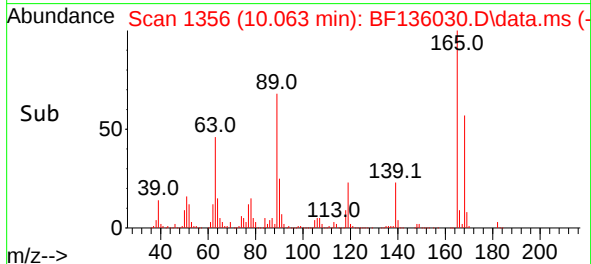


Tgt Ion:165 Resp: 45641  
Ion Ratio Lower Upper  
165 100  
63 45.7 35.2 52.8  
89 68.5 54.8 82.2  
182 2.7 2.2 3.2

Manual Integrations

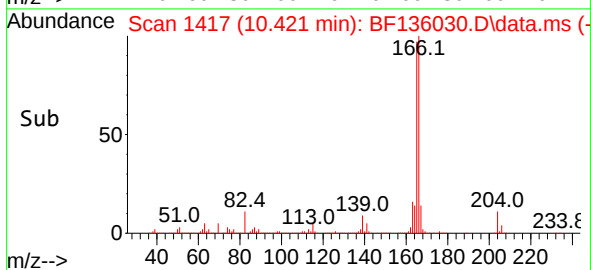
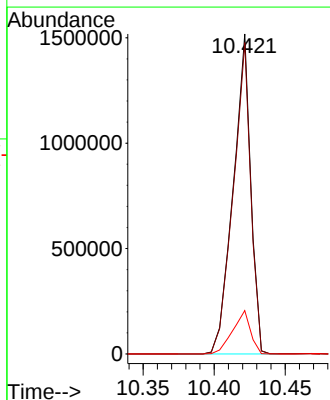
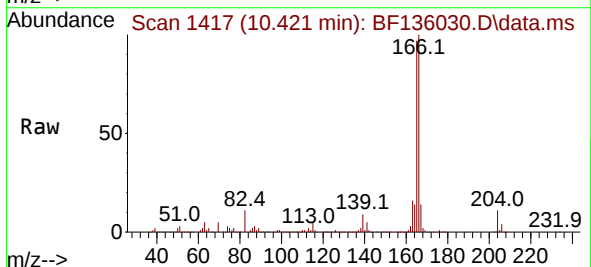
APPROVED

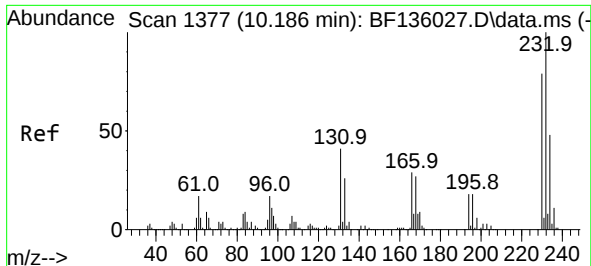
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#58  
Fluorene  
Concen: 71.850 ng  
RT: 10.421 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

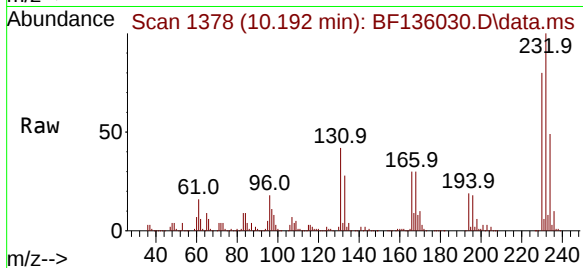
Tgt Ion:166 Resp: 1302948  
Ion Ratio Lower Upper  
166 100  
165 97.3 77.7 116.5  
167 13.6 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 79.602 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

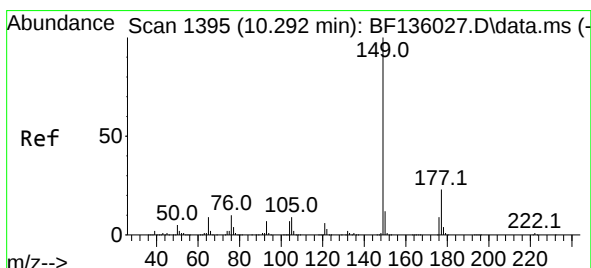
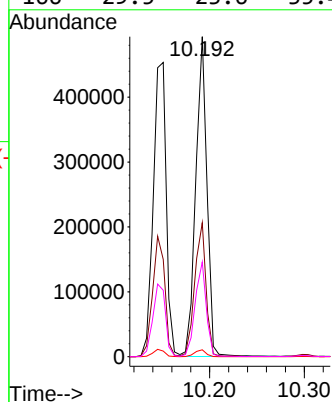
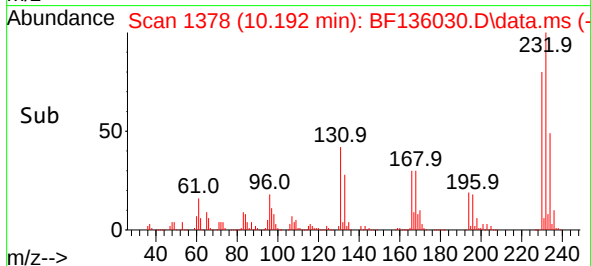
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



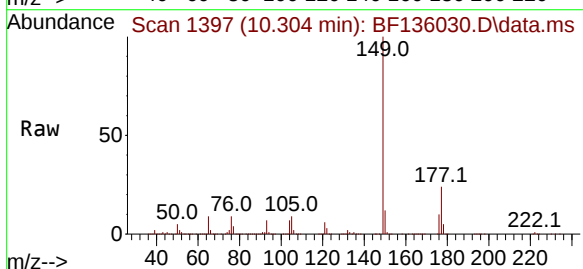
Tgt Ion:232 Resp: 406269  
Ion Ratio Lower Upper  
232 100  
131 42.4 34.6 52.0  
130 2.2 1.6 2.4  
166 29.5 23.6 35.4

Manual Integrations  
APPROVED

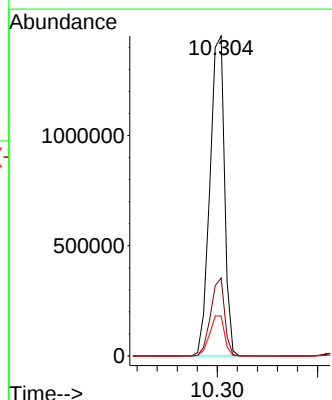
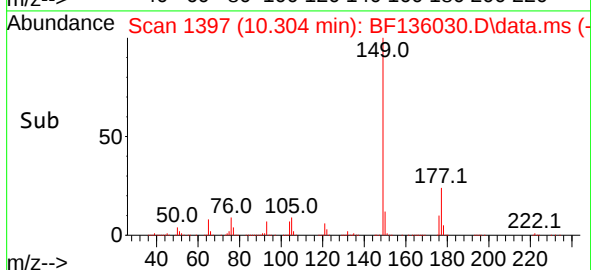
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

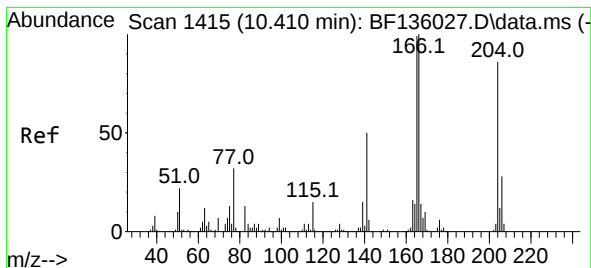


#60  
Diethylphthalate  
Concen: 78.127 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



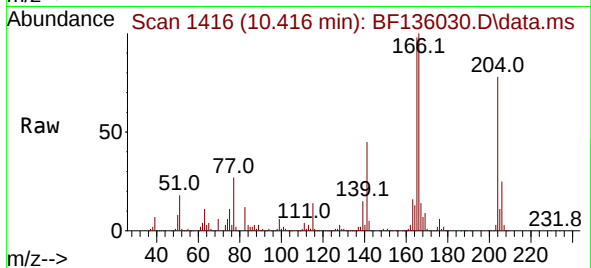
Tgt Ion:149 Resp: 1467482  
Ion Ratio Lower Upper  
149 100  
177 24.3 18.2 27.4  
150 12.5 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 72.321 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

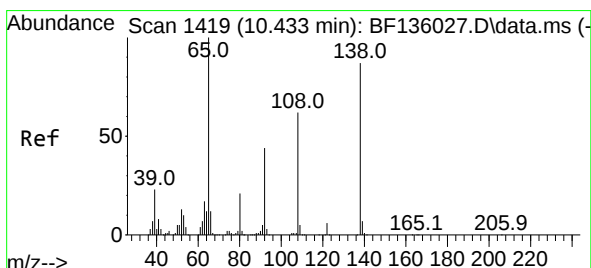
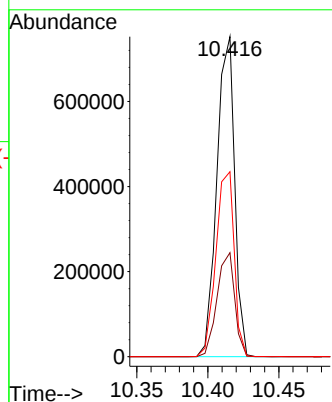
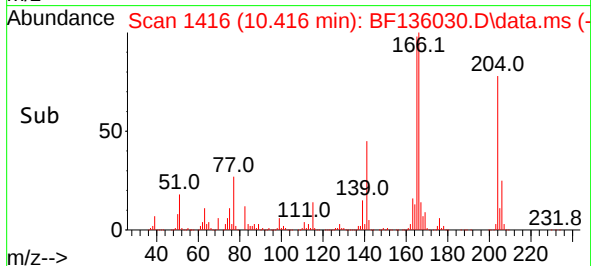
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



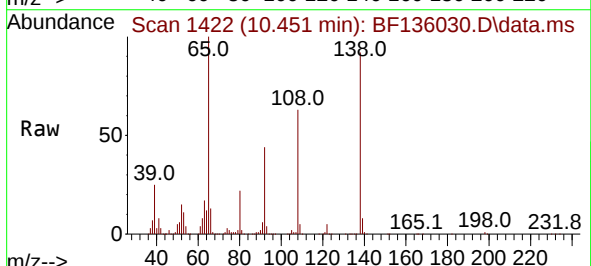
Tgt Ion:204 Resp: 654658  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.6 39.8  
141 57.8 46.8 70.2

Manual Integrations  
APPROVED

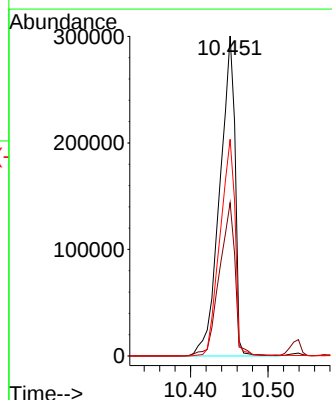
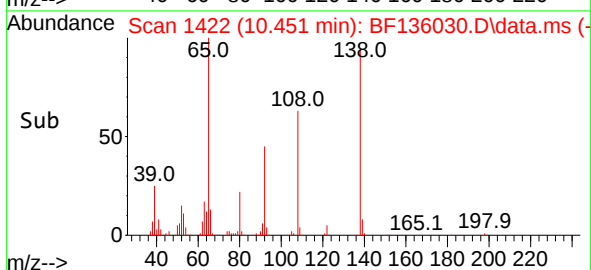
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

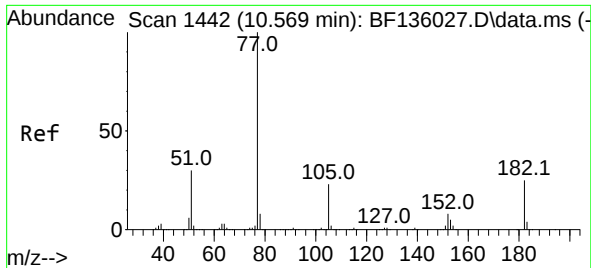


#62  
4-Nitroaniline  
Concen: 87.375 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.018 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion:138 Resp: 412769  
Ion Ratio Lower Upper  
138 100  
92 47.9 30.6 70.6  
108 67.7 51.5 91.5





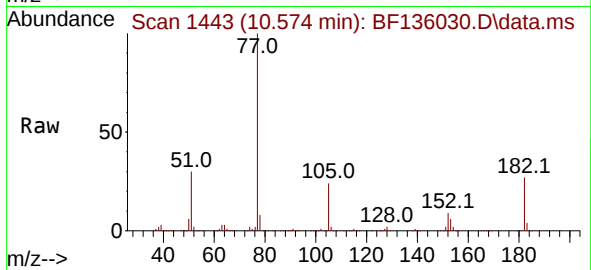
#63  
Azobenzene  
Concen: 77.653 ng  
RT: 10.574 min Scan# 1442  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

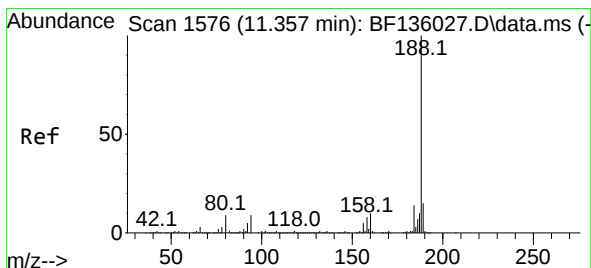
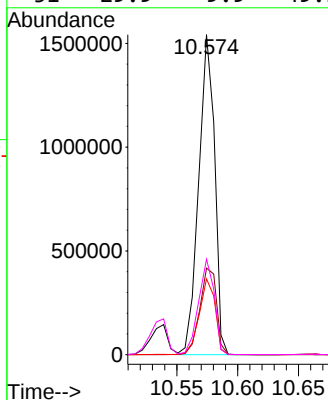
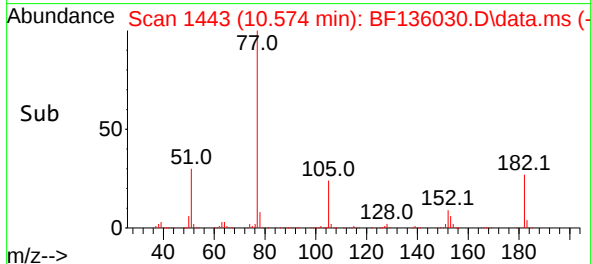


Tgt Ion: 77 Resp: 140470  
Ion Ratio Lower Upper  
77 100  
182 27.1 5.0 45.0  
105 23.7 2.6 42.6  
51 29.9 9.9 49.9

Manual Integrations

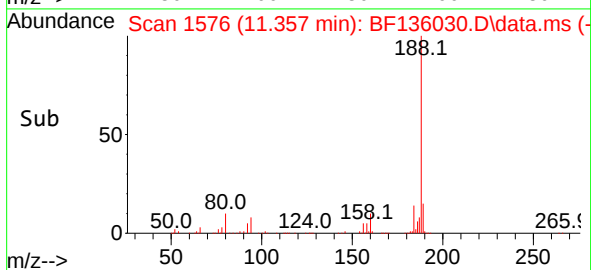
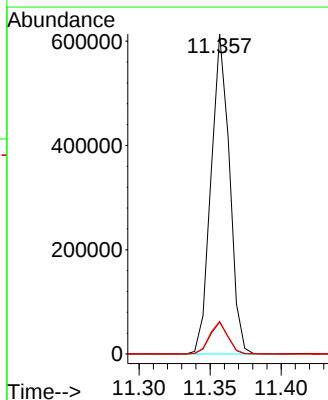
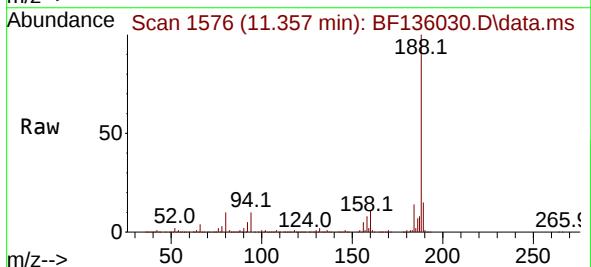
APPROVED

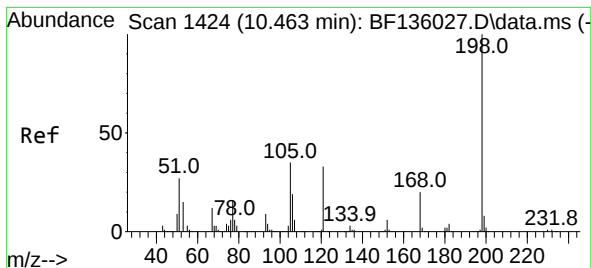
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

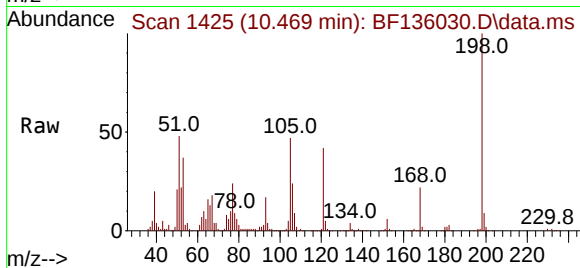
Tgt Ion:188 Resp: 554138  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.2 10.8  
80 10.2 7.4 11.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 81.929 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

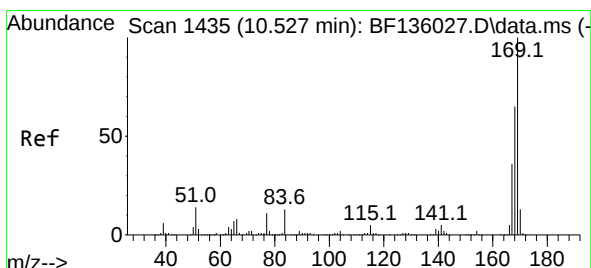
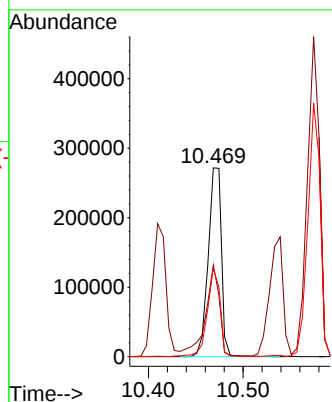
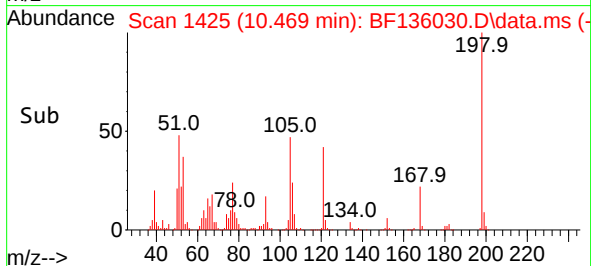
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



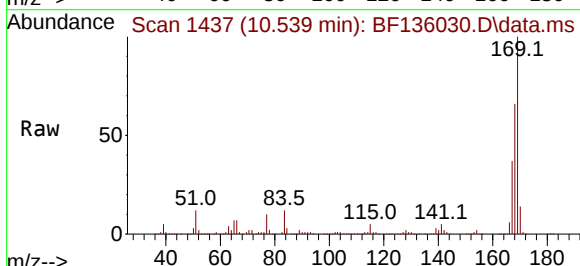
Tgt Ion:198 Resp: 262012  
Ion Ratio Lower Upper  
198 100  
51 48.5 12.9 52.9  
105 46.9 16.0 56.0

Manual Integrations  
APPROVED

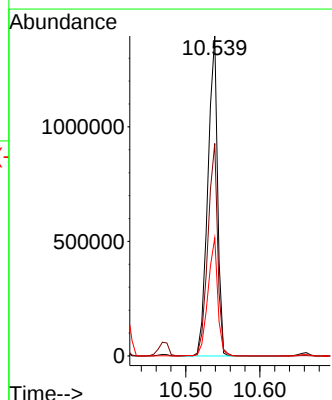
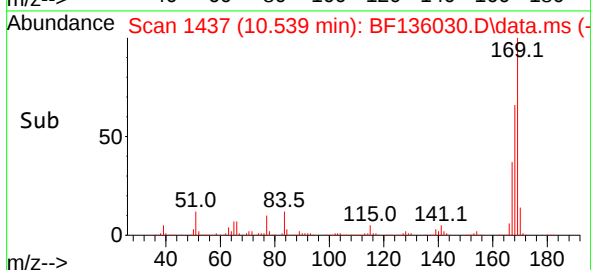
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

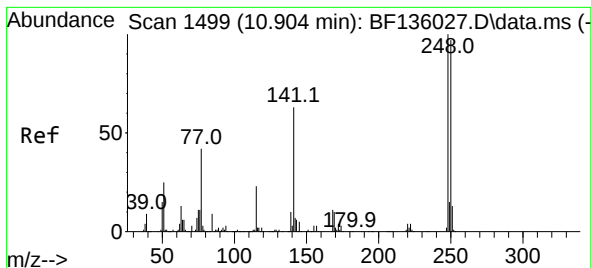


#66  
n-Nitrosodiphenylamine  
Concen: 76.418 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



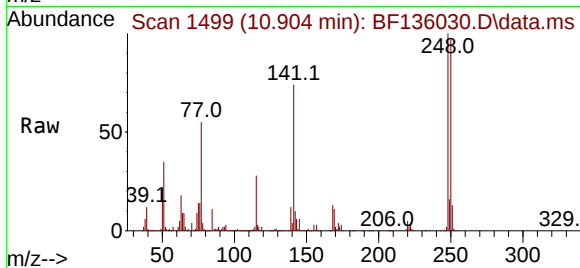
Tgt Ion:169 Resp: 1277422  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.2 78.2  
167 36.9 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 79.550 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

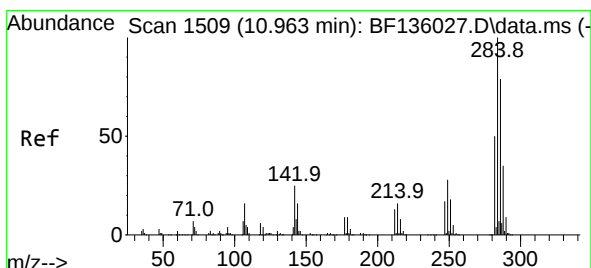
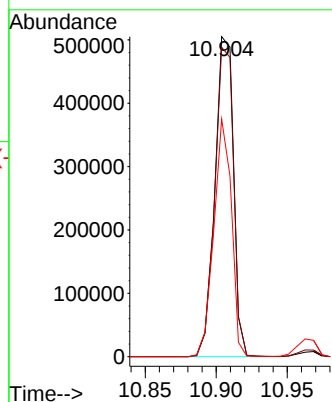
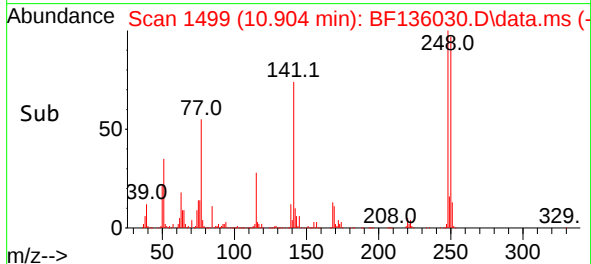
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



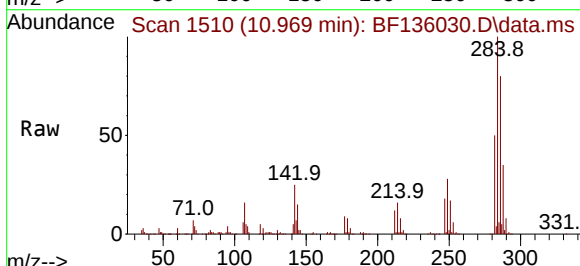
Tgt Ion:248 Resp: 462160  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.6 116.4  
141 74.3 50.4 75.6

Manual Integrations  
APPROVED

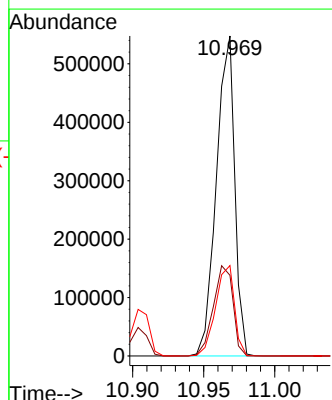
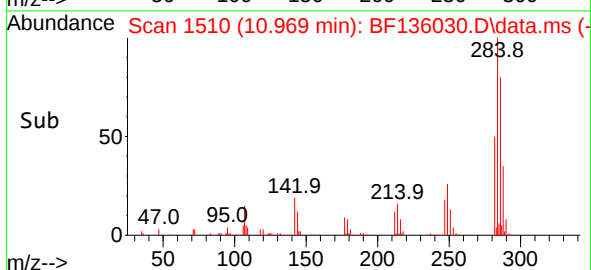
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

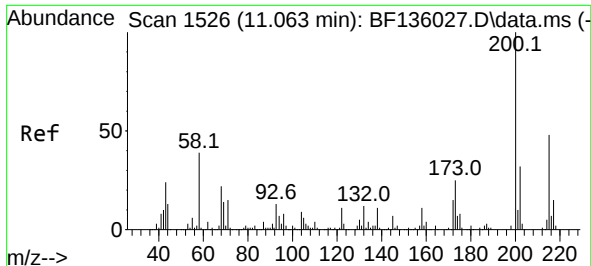


#68  
Hexachlorobenzene  
Concen: 79.261 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion:284 Resp: 491809  
Ion Ratio Lower Upper  
284 100  
142 25.2 20.2 30.4  
249 28.3 22.6 33.8





#69  
 Atrazine  
 Concen: 71.229 ng  
 RT: 11.069 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF136030.D  
 Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

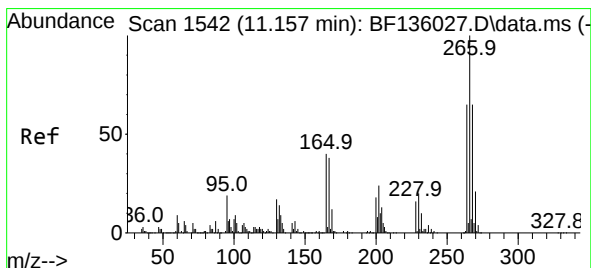
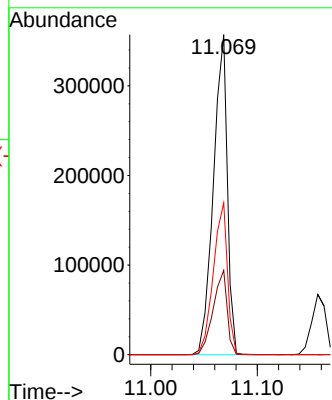
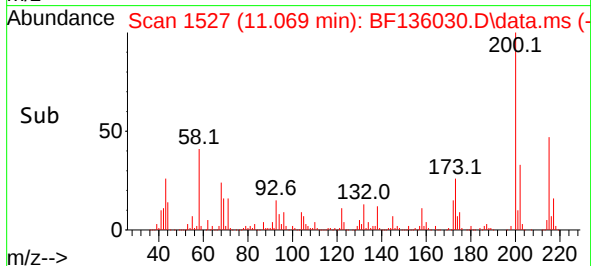
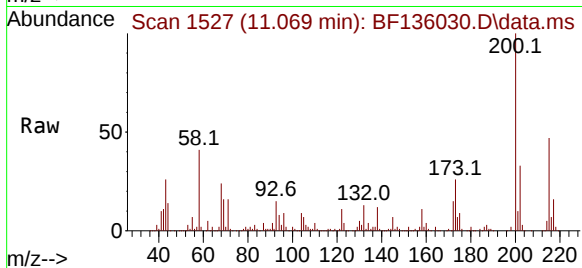
SSTDICC080

Tgt Ion:200 Resp: 32396  
 Ion Ratio Lower Upper  
 200 100  
 173 26.3 5.2 45.2  
 215 47.4 28.4 68.4

Manual Integrations

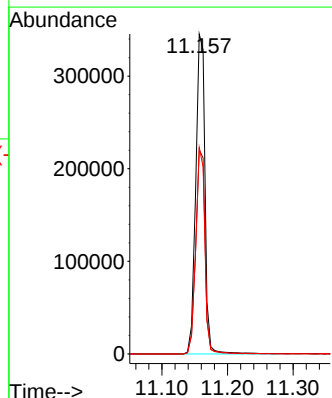
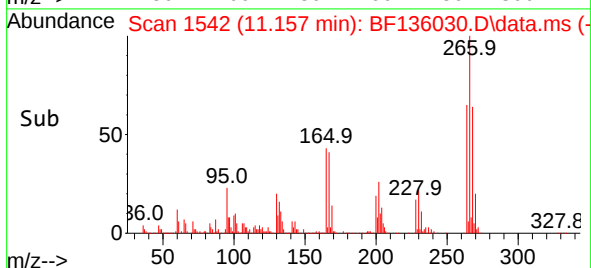
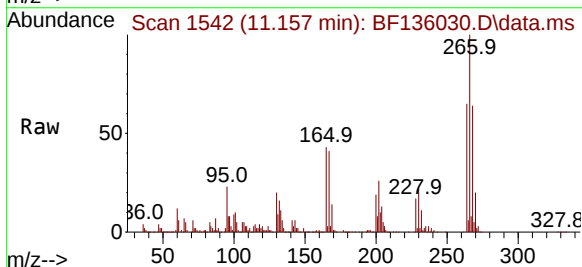
APPROVED

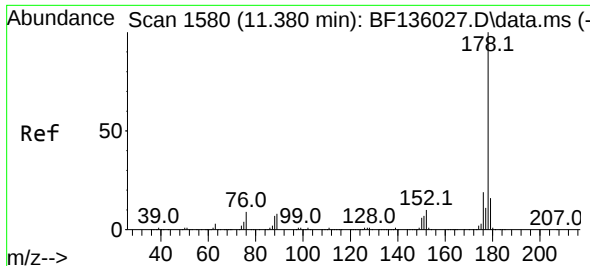
Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023



#70  
 Pentachlorophenol  
 Concen: 84.977 ng  
 RT: 11.157 min Scan# 1542  
 Delta R.T. 0.000 min  
 Lab File: BF136030.D  
 Acq: 30 Oct 2023 15:51

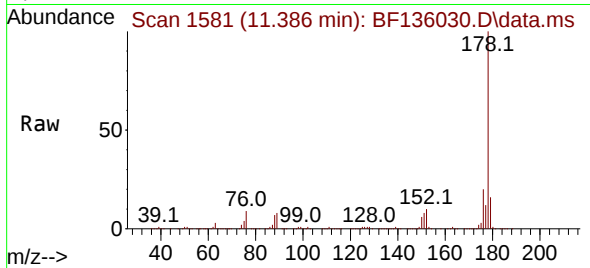
Tgt Ion:266 Resp: 338625  
 Ion Ratio Lower Upper  
 266 100  
 268 63.9 52.2 78.4  
 264 64.5 52.2 78.4





#71  
Phenanthrene  
Concen: 74.301 ng  
RT: 11.386 min Scan# 1580  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

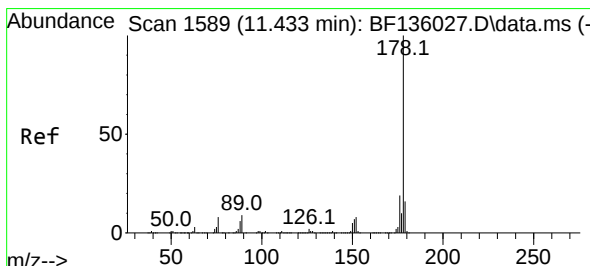
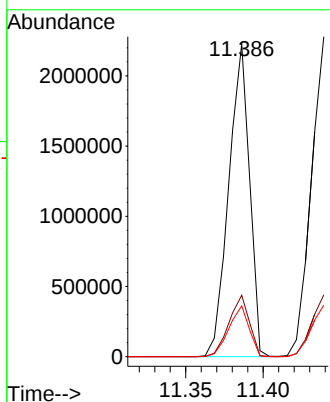
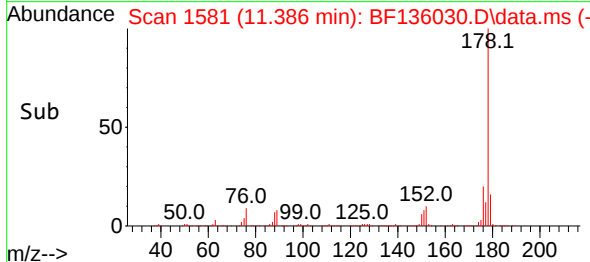
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:178 Resp: 2073085  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.5 23.3  
179 16.2 12.9 19.3

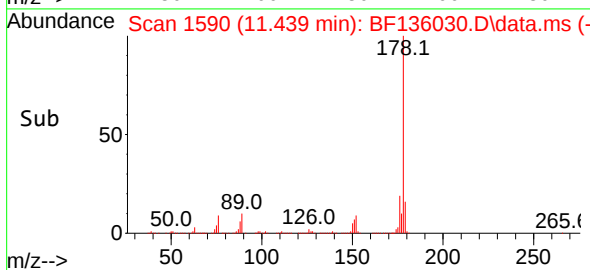
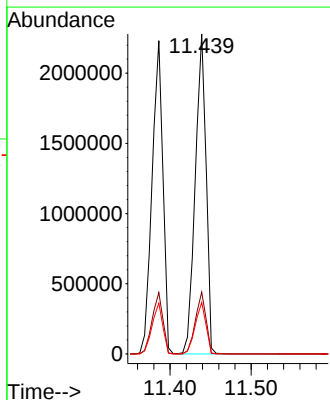
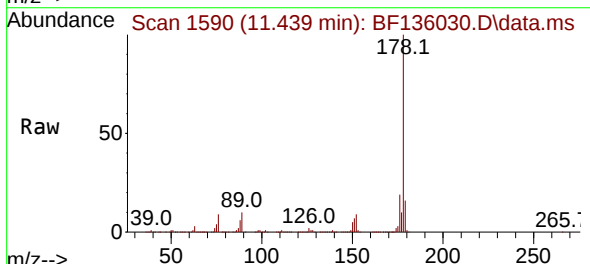
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#72  
Anthracene  
Concen: 74.235 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

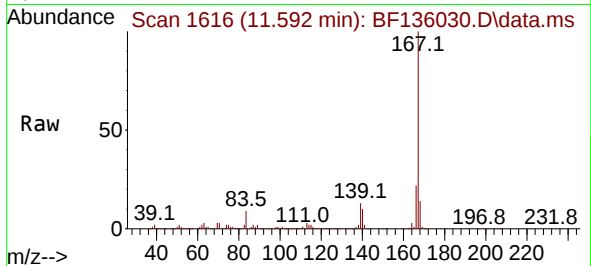
Tgt Ion:178 Resp: 2122368  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.0 22.4  
179 16.1 12.6 18.8





#73  
 Carbazole  
 Concen: 76.155 ng  
 RT: 11.592 min Scan# 1616  
 Delta R.T. 0.000 min  
 Lab File: BF136030.D  
 Acq: 30 Oct 2023 15:51

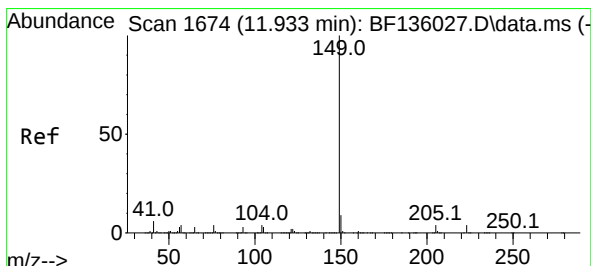
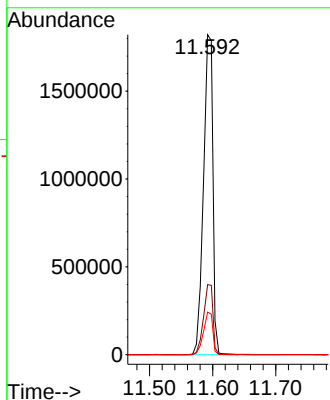
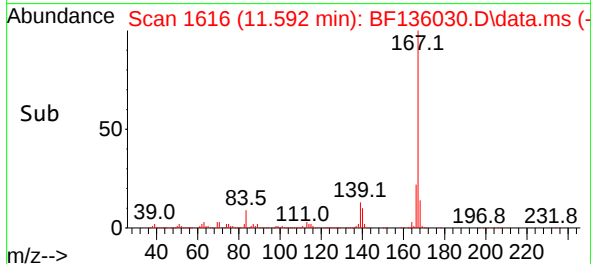
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080



Tgt Ion:167 Resp: 1892029  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.2 25.8  
 139 13.3 9.9 14.9

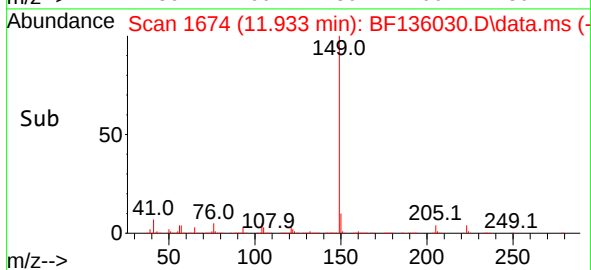
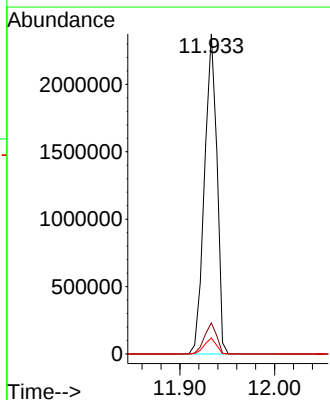
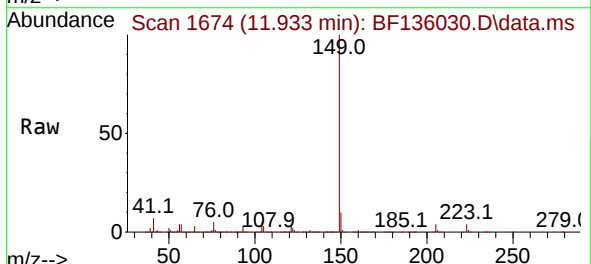
Manual Integrations  
 APPROVED

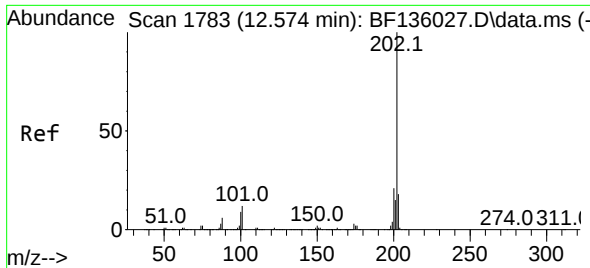
Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023



#74  
 Di-n-butylphthalate  
 Concen: 76.052 ng  
 RT: 11.933 min Scan# 1674  
 Delta R.T. 0.000 min  
 Lab File: BF136030.D  
 Acq: 30 Oct 2023 15:51

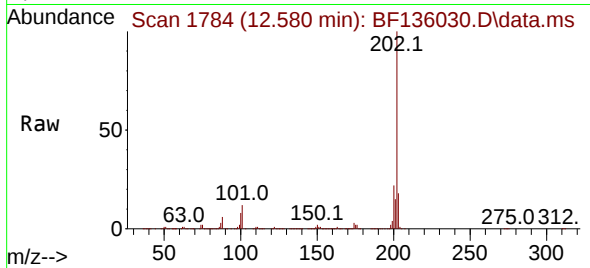
Tgt Ion:149 Resp: 2159029  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.3 10.9  
 104 5.0 3.6 5.4





#75  
Fluoranthene  
Concen: 73.404 ng  
RT: 12.580 min Scan# 1783  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

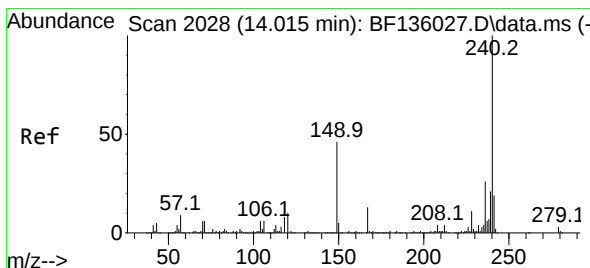
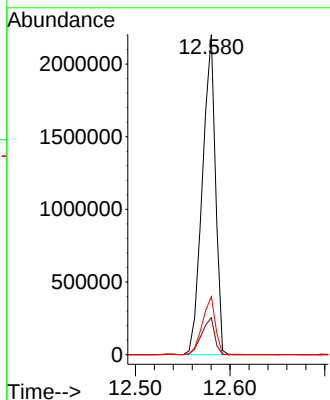
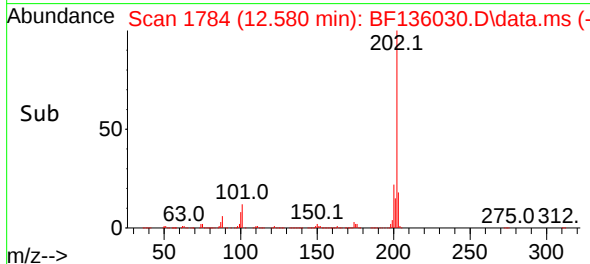
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



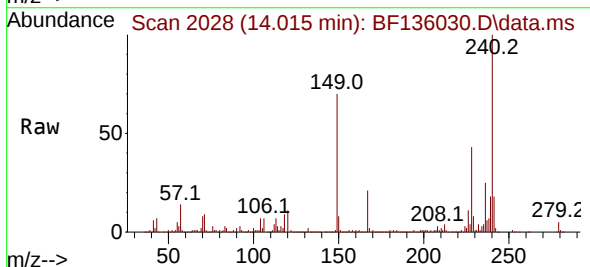
Tgt Ion:202 Resp: 210398  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 31.8  
203 18.1 0.0 37.9

Manual Integrations  
APPROVED

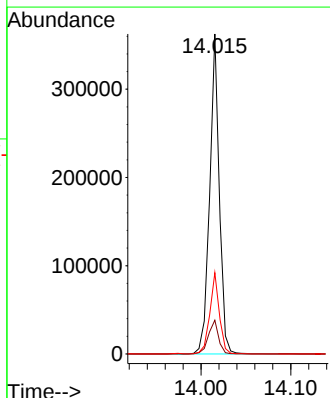
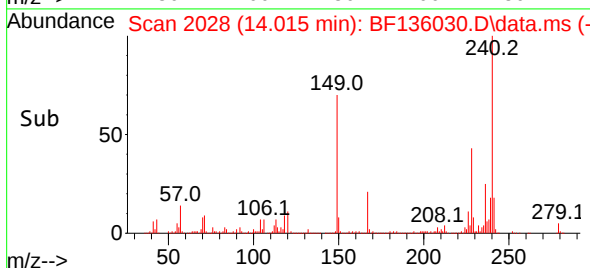
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

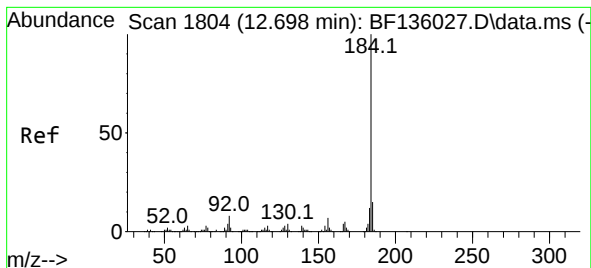


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51



Tgt Ion:240 Resp: 269608  
Ion Ratio Lower Upper  
240 100  
120 10.6 7.6 11.4  
236 25.4 20.6 31.0





#77

Benzidine

Concen: 79.023 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNF\_F

ClientSampleId :

SSTDIC080

Tgt Ion:184 Resp: 41525

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

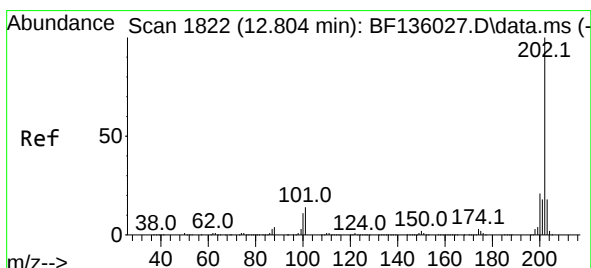
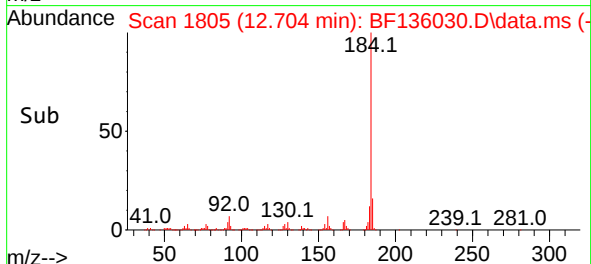
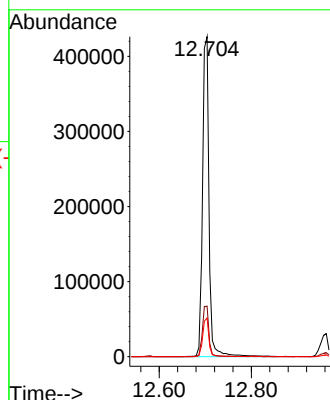
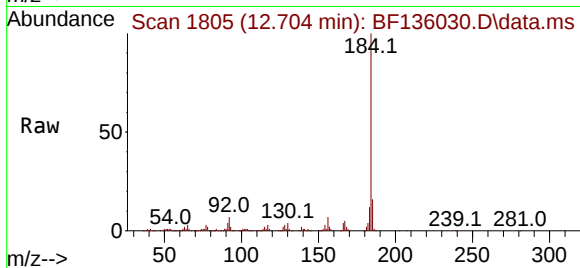
183 12.1 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#78

Pyrene

Concen: 89.196 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

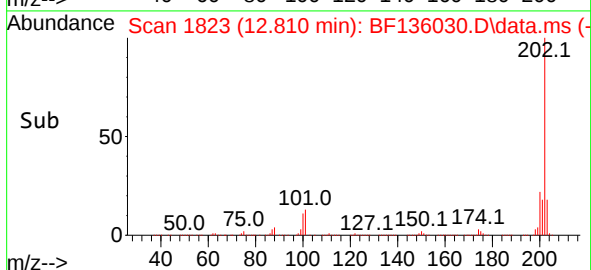
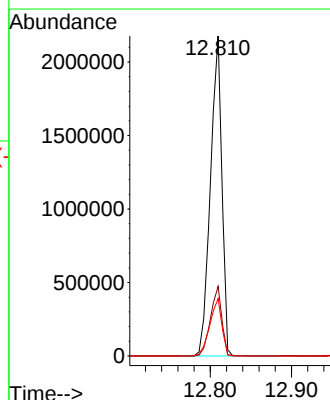
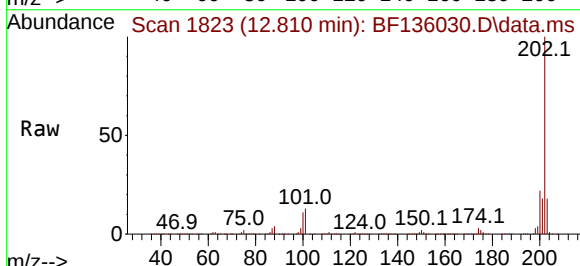
Tgt Ion:202 Resp: 2120181

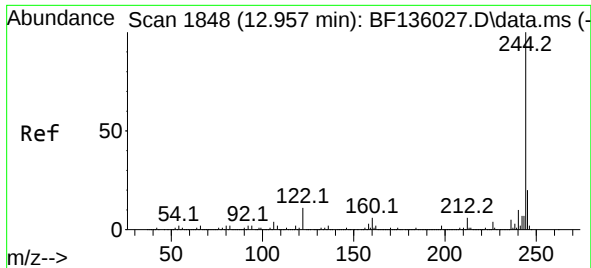
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

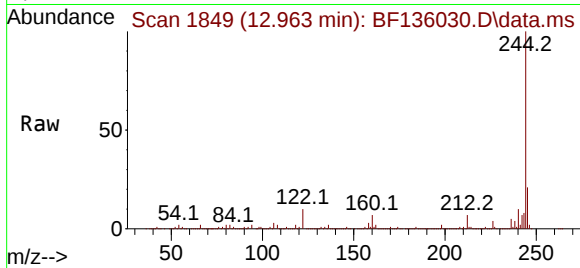
203 18.0 14.4 21.6





#79  
 Terphenyl-d14  
 Concen: 162.838 ng  
 RT: 12.963 min Scan# 1849  
 Delta R.T. 0.006 min  
 Lab File: BF136030.D  
 Acq: 30 Oct 2023 15:51

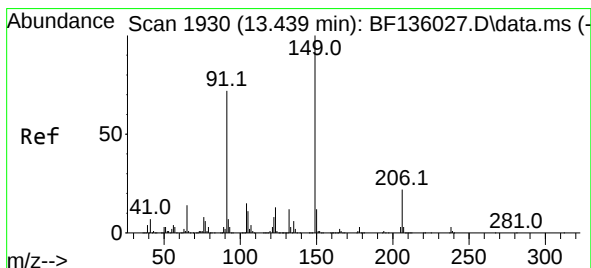
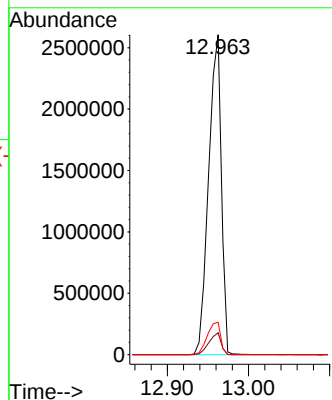
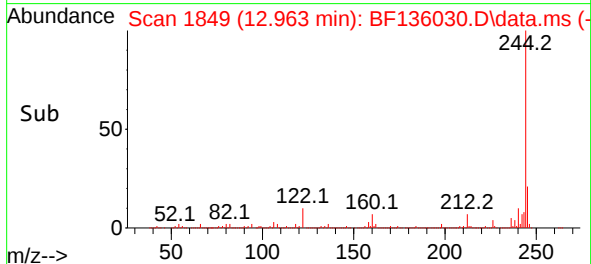
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080



Tgt Ion:244 Resp: 2825069  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.1 7.7  
 122 10.2 8.6 12.8

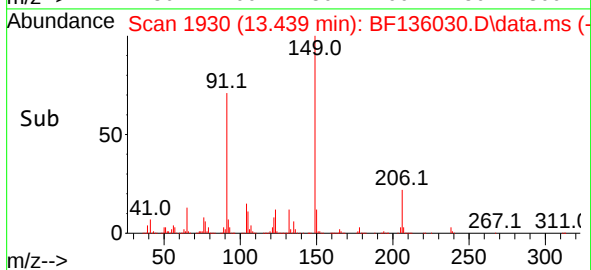
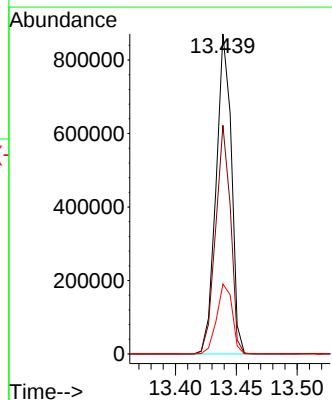
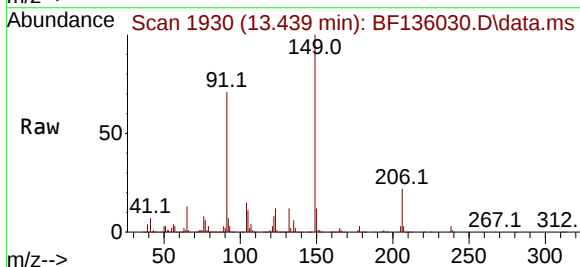
Manual Integrations  
 APPROVED

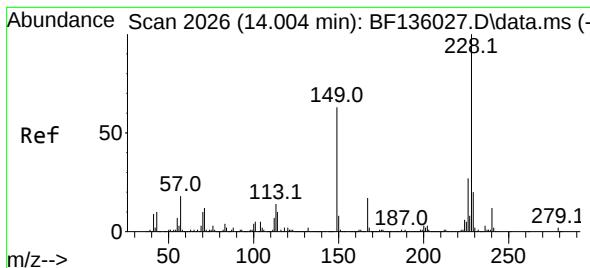
Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023



#80  
 Butylbenzylphthalate  
 Concen: 89.404 ng  
 RT: 13.439 min Scan# 1930  
 Delta R.T. 0.000 min  
 Lab File: BF136030.D  
 Acq: 30 Oct 2023 15:51

Tgt Ion:149 Resp: 760695  
 Ion Ratio Lower Upper  
 149 100  
 91 71.4 57.6 86.4  
 206 21.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 80.937 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136030.D

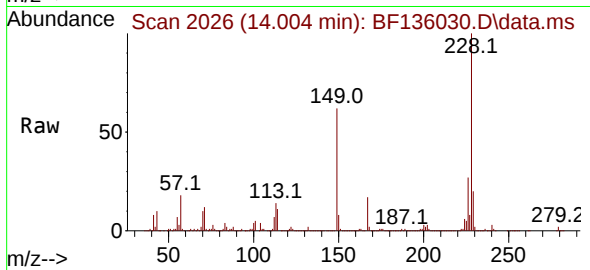
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:228 Resp: 1444630

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

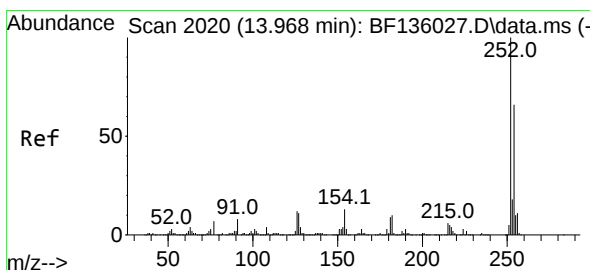
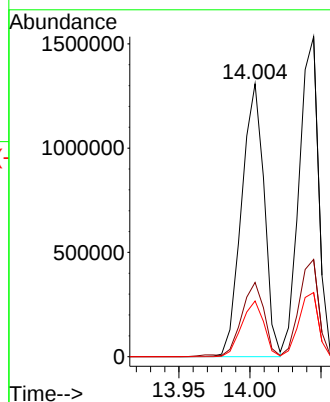
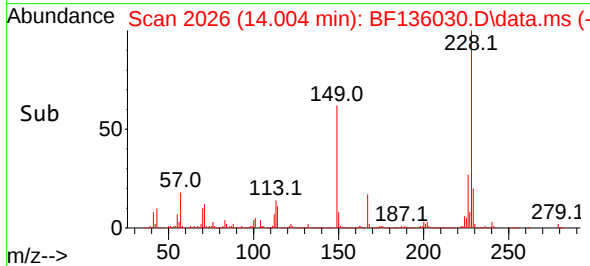
229 20.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 84.822 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

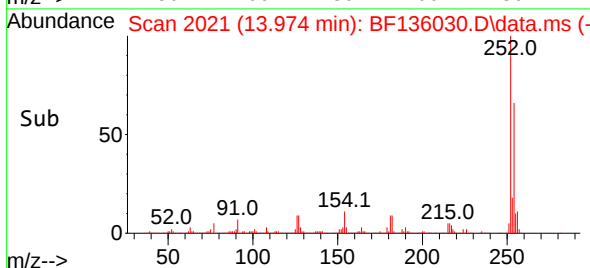
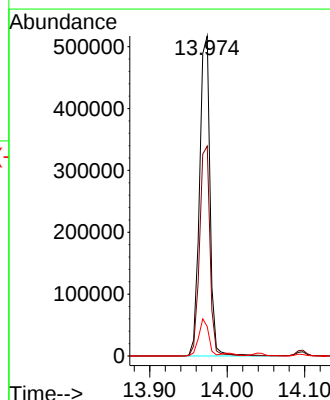
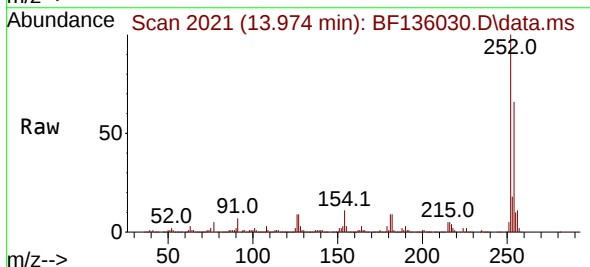
Tgt Ion:252 Resp: 483216

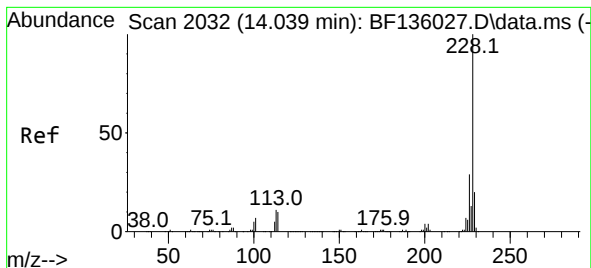
Ion Ratio Lower Upper

252 100

254 65.6 52.5 78.7

126 9.1 9.4 14.2#





#83

Chrysene

Concen: 82.954 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 145815

Ion Ratio Lower Upper

228 100

226 30.4 23.5 35.3

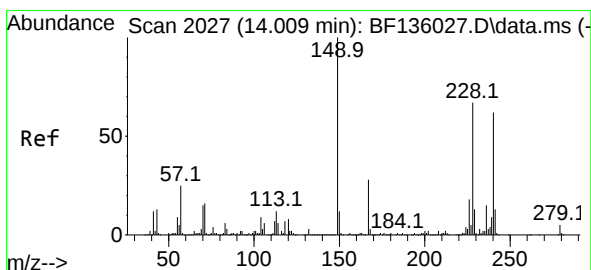
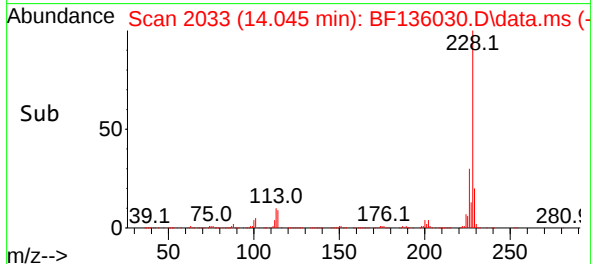
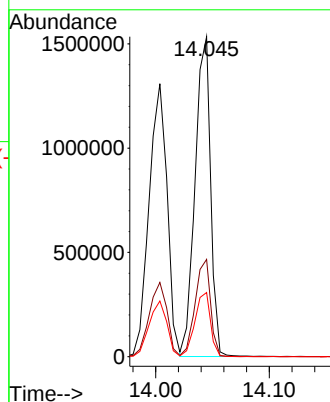
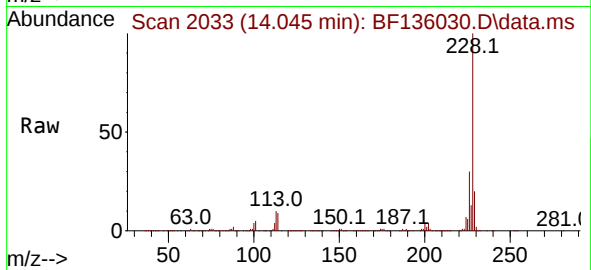
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.975 ng

RT: 14.009 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136030.D

Acq: 30 Oct 2023 15:51

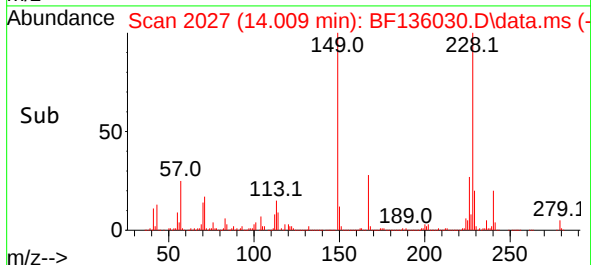
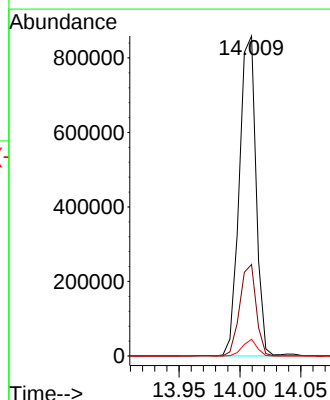
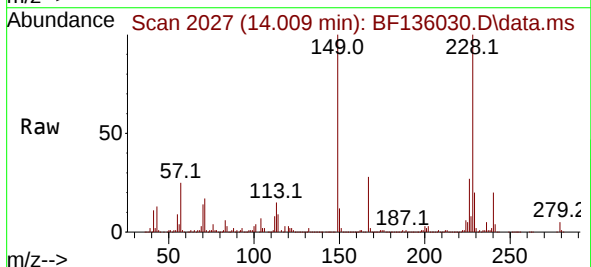
Tgt Ion:149 Resp: 822521

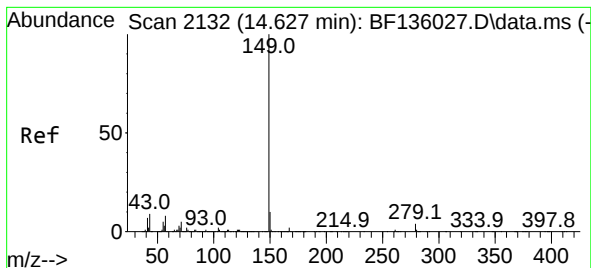
Ion Ratio Lower Upper

149 100

167 28.6 22.6 33.8

279 5.2 4.1 6.1





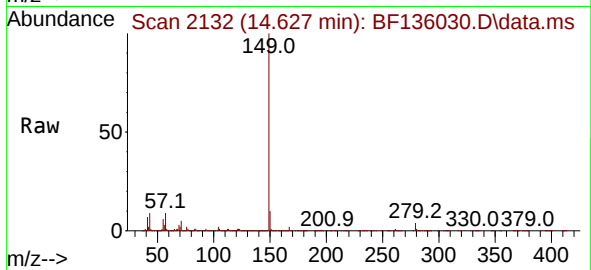
#85  
Di-n-octyl phthalate  
Concen: 90.812 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

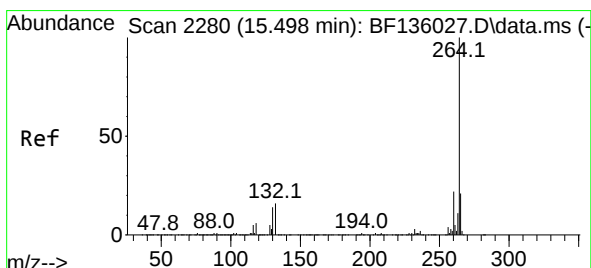
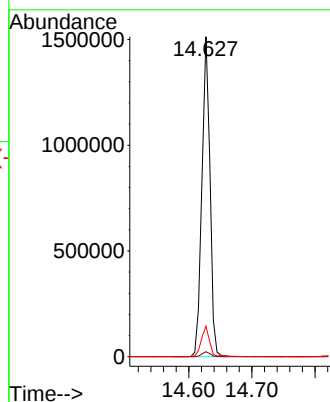
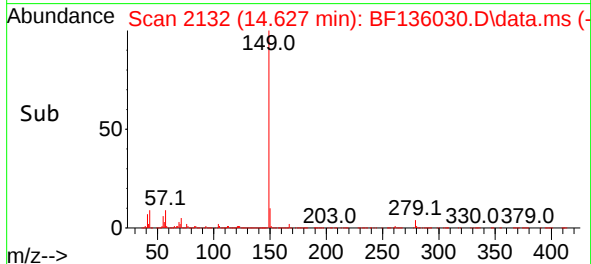


Tgt Ion:149 Resp: 134856  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.7 7.6 11.4

Manual Integrations

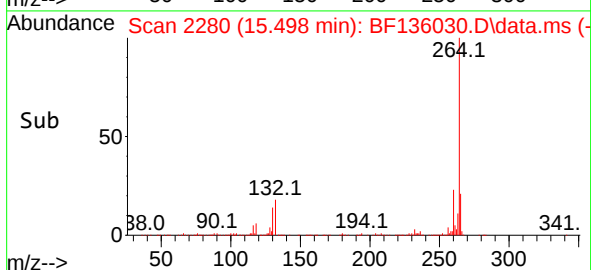
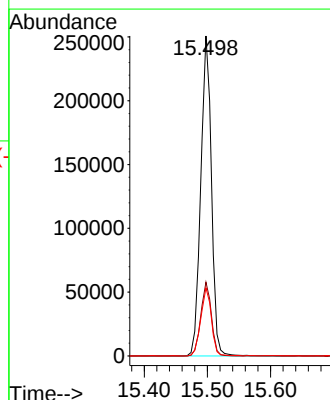
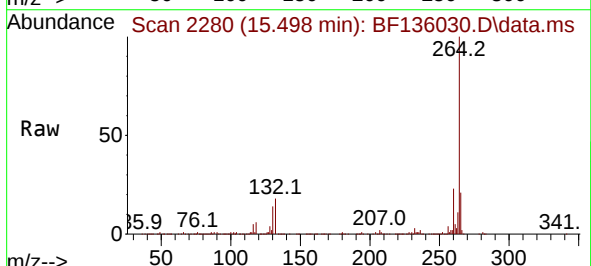
APPROVED

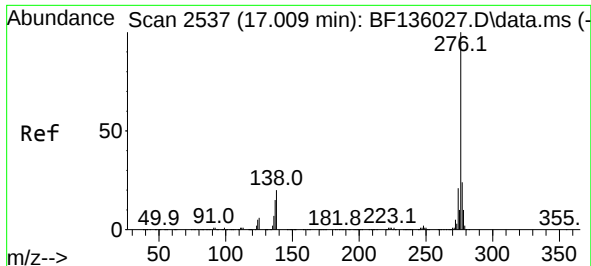
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.498 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:264 Resp: 293154  
Ion Ratio Lower Upper  
264 100  
260 23.1 17.9 26.9  
265 21.2 16.8 25.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 91.900 ng  
RT: 17.027 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Instrument :

BNA\_F

ClientSampleId :

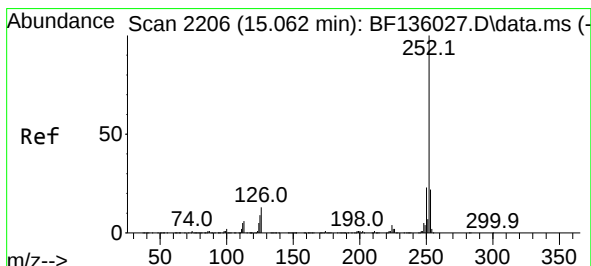
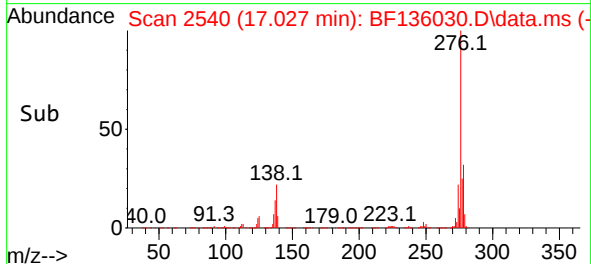
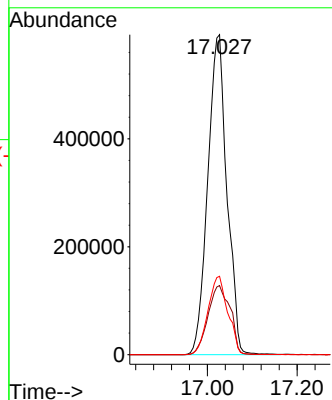
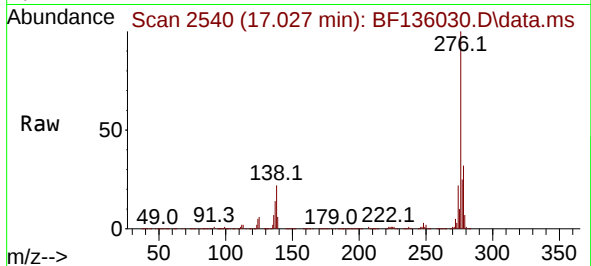
SSTDICC080

Tgt Ion:276 Resp: 176074  
Ion Ratio Lower Upper  
276 100  
138 25.1 20.4 30.6  
277 25.6 20.2 30.2

Manual Integrations

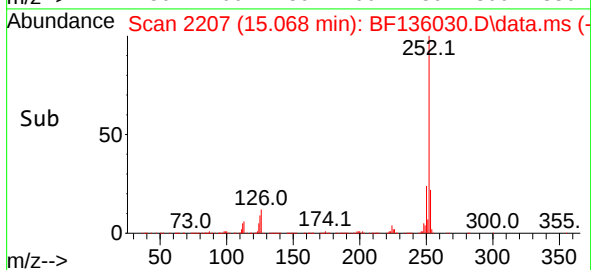
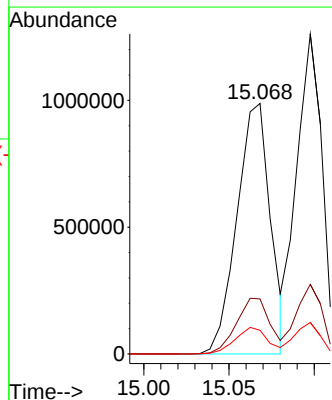
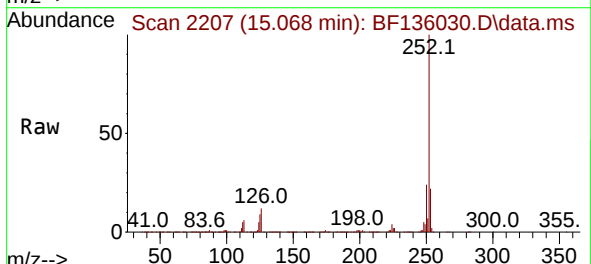
APPROVED

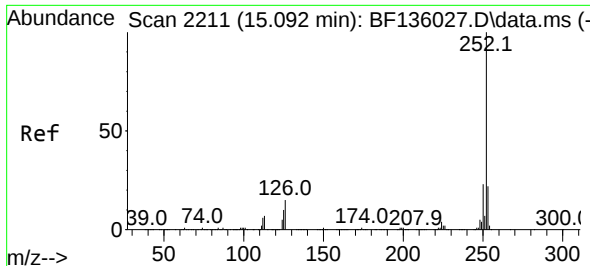
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#88  
Benzo(b)fluoranthene  
Concen: 77.687 ng  
RT: 15.068 min Scan# 2207  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

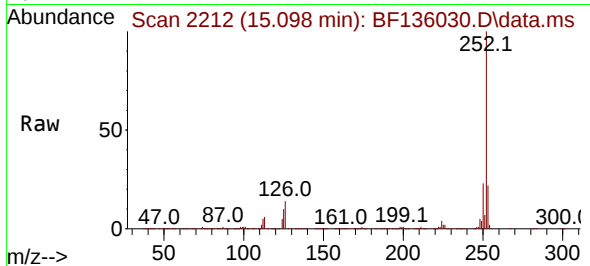
Tgt Ion:252 Resp: 1347594  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 9.5 7.5 11.3





#89  
Benzo(k)fluoranthene  
Concen: 76.862 ng  
RT: 15.098 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

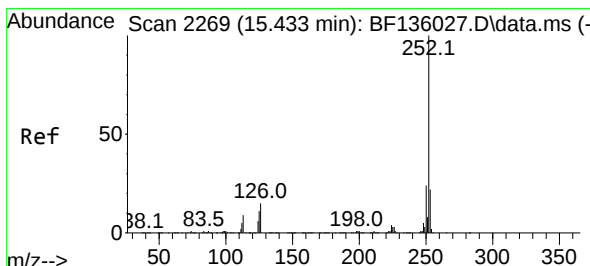
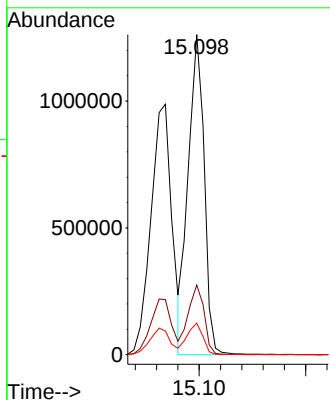
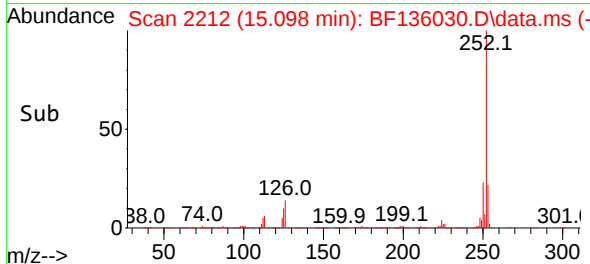
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:252 Resp: 131920  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.0  
125 9.9 8.0 12.0

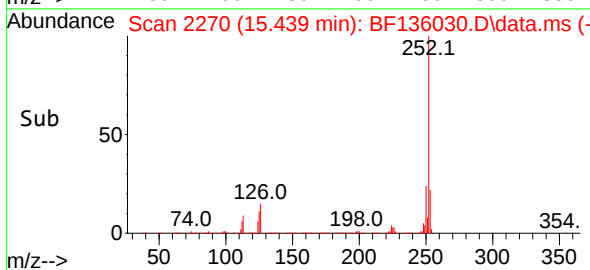
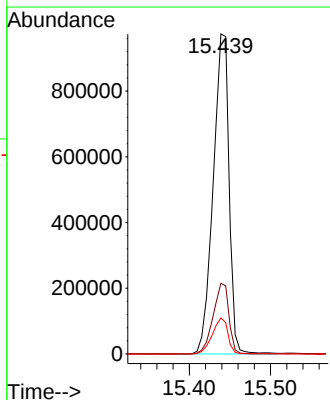
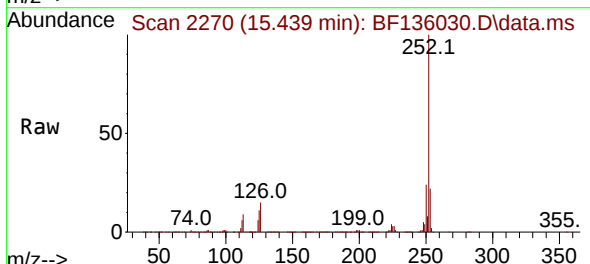
Manual Integrations  
APPROVED

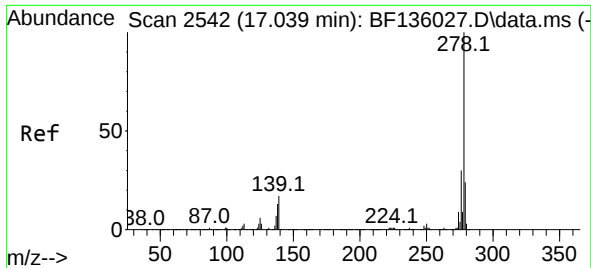
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#90  
Benzo(a)pyrene  
Concen: 82.311 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. 0.006 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

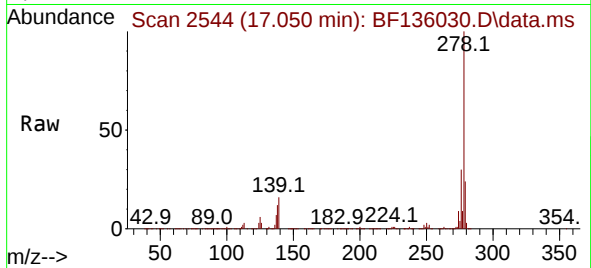
Tgt Ion:252 Resp: 1326651  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 11.3 9.0 13.6





#91  
Dibenzo(a,h)anthracene  
Concen: 90.901 ng  
RT: 17.050 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

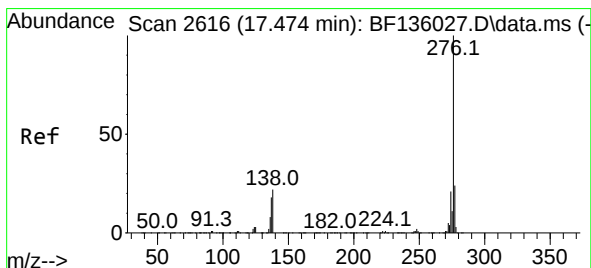
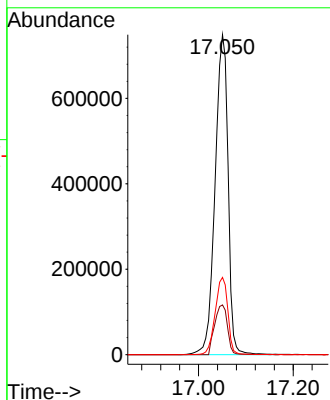
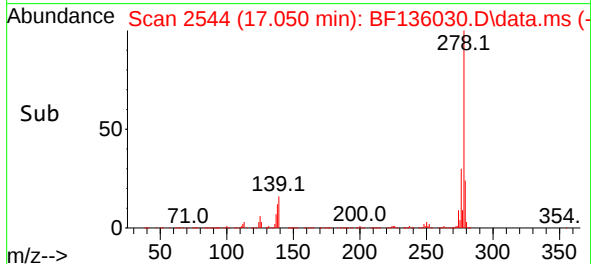
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:278 Resp: 142660  
Ion Ratio Lower Upper  
278 100  
139 15.6 13.7 20.5  
279 24.2 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#92  
Benzo(g,h,i)perylene  
Concen: 81.535 ng  
RT: 17.492 min Scan# 2619  
Delta R.T. 0.018 min  
Lab File: BF136030.D  
Acq: 30 Oct 2023 15:51

Tgt Ion:276 Resp: 1495315  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.0 28.4  
138 22.1 17.4 26.2

