

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062824\  
 Data File : BF138391.D  
 Acq On : 28 Jun 2024 16:29  
 Operator : CG\JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:40:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 29 02:31:37 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 187955   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 727838   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 385050   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 605964   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.034 | 240  | 236419   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.492 | 264  | 316299   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.505  | 112  | 1556311  | 137.282 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.528  | 99   | 2108361  | 138.059 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 2067723  | 147.579 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 442321   | 140.602 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000   | ng    |          |
| 79) Terphenyl-d14             | 12.981 | 244  | 2249642  | 130.402 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.670  | 88   | 396560   | 74.264  | ng    | 99       |
| 3) Pyridine                   | 3.428  | 79   | 1006268  | 78.991  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.417  | 42   | 605268   | 76.158  | ng    | 99       |
| 6) Aniline                    | 6.552  | 93   | 1068065  | 71.668  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 825901   | 67.863  | ng    | 96       |
| 10) Phenol                    | 6.546  | 94   | 1134276  | 69.715  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 902454   | 70.623  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 953856   | 68.441  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.899  | 146  | 945457   | 67.656  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.058  | 146  | 826637   | 64.076  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 744881   | 68.099  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1760673  | 68.310  | ng    | 95       |
| 17) 2-Methylphenol            | 7.146  | 107  | 720319   | 71.416  | ng    | # 93     |
| 18) Hexachloroethane          | 7.393  | 117  | 353204   | 70.073  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 678942   | 70.522  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.299  | 107  | 779304   | 66.497  | ng    | 99       |
| 22) Acetophenone              | 7.299  | 105  | 1141736  | 69.146  | ng    | # 98     |
| 24) Nitrobenzene              | 7.475  | 77   | 1029104  | 72.215  | ng    | 98       |
| 25) Isophorone                | 7.710  | 82   | 1927326  | 74.602  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 487911   | 79.377  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 578236   | 73.502  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 1110494  | 71.412  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 719773   | 71.236  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 814622   | 69.340  | ng    | 100      |
| 31) Naphthalene               | 8.187  | 128  | 2486853  | 67.588  | ng    | 99       |
| 32) Benzoic acid              | 7.987  | 122  | 586339   | 78.977  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 908013   | 70.660  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.299  | 225  | 480178   | 68.077  | ng    | 99       |
| 35) Caprolactam               | 8.646  | 113  | 242902m  | 76.129  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 780576   | 72.527  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 1577807  | 66.350  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 1528718  | 66.287  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.040  | 216  | 721711   | 67.763  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 262944   | 83.873  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 491691   | 72.552  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 9.199  | 196  | 528470   | 71.701  | ng    | 96       |

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 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:40:10 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

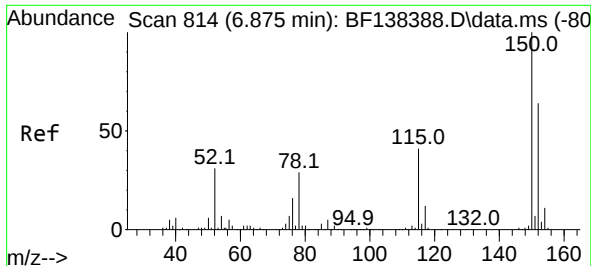
QLast Update : Sat Jun 29 02:31:37 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.340  | 154  | 1908249  | 66.373 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1498818  | 68.375 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 537829   | 76.062 | ng    | 98       |
| 49) Acenaphthylene            | 9.781  | 152  | 2029919  | 65.845 | ng    | 99       |
| 50) Dimethylphthalate         | 9.646  | 163  | 1775706  | 71.756 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 404746   | 73.028 | ng    | 95       |
| 52) Acenaphthene              | 9.951  | 154  | 1462802m | 69.296 | ng    |          |
| 53) 3-Nitroaniline            | 9.881  | 138  | 400916   | 73.242 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 188325   | 80.298 | ng    | 90       |
| 55) Dibenzofuran              | 10.122 | 168  | 1908320  | 65.612 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.040 | 139  | 290312   | 81.799 | ng    | 86       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 498354   | 73.028 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.240 | 232  | 404077   | 73.811 | ng    | 99       |
| 60) Diethylphthalate          | 10.340 | 149  | 1575739  | 68.105 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 379636   | 75.560 | ng    | 99       |
| 63) Azobenzene                | 10.616 | 77   | 1704897  | 69.775 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 269931   | 78.942 | ng    | 78       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 1290430  | 68.596 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 449994   | 69.088 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 490993   | 68.393 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 334080   | 63.338 | ng    | 98       |
| 70) Pentachlorophenol         | 11.204 | 266  | 299100   | 82.292 | ng    | 98       |
| 71) Phenanthrene              | 11.428 | 178  | 1978595  | 66.876 | ng    | 99       |
| 72) Anthracene                | 11.481 | 178  | 1993471  | 67.564 | ng    | 99       |
| 73) Carbazole                 | 11.634 | 167  | 1648353  | 67.293 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 2141422  | 68.982 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 1755322  | 66.178 | ng    | 98       |
| 77) Benzidine                 | 12.728 | 184  | 67315    | 35.607 | ng    | 98       |
| 78) Pyrene                    | 12.839 | 202  | 1700864  | 67.312 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 564522   | 73.419 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.022 | 228  | 1102532  | 72.453 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 330642   | 73.595 | ng    | 99       |
| 83) Chrysene                  | 14.057 | 228  | 1092048  | 73.751 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 713487   | 73.993 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.622 | 149  | 1315444  | 77.938 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 1304307  | 82.070 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.075 | 252  | 1293705  | 74.547 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 1157078  | 72.388 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 1151225  | 75.683 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 1048537  | 81.735 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 1040358  | 82.899 | ng    | 98       |

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





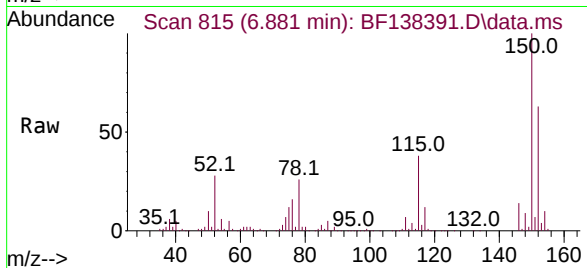
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



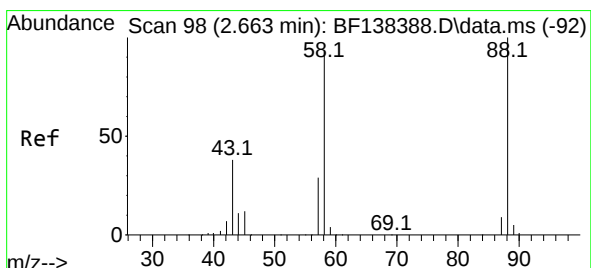
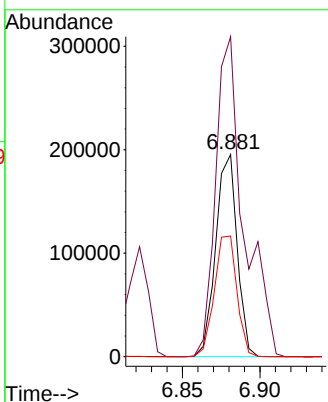
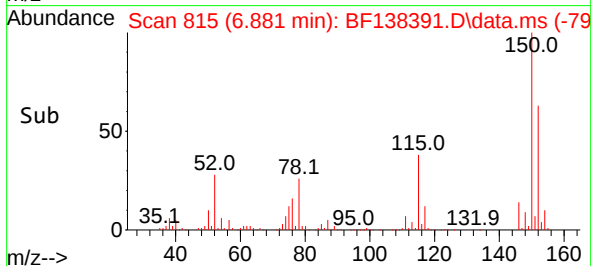
Tgt Ion:152 Resp: 18795  
Ion Ratio Lower Upper  
152 100  
150 158.2 124.9 187.3  
115 59.6 50.8 76.2

Manual Integrations

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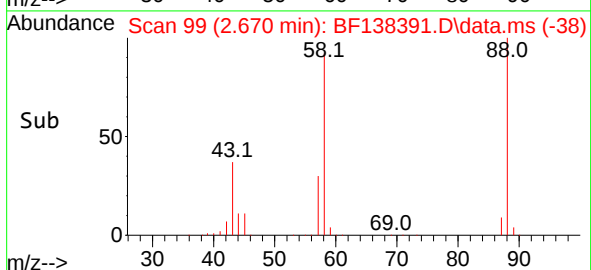
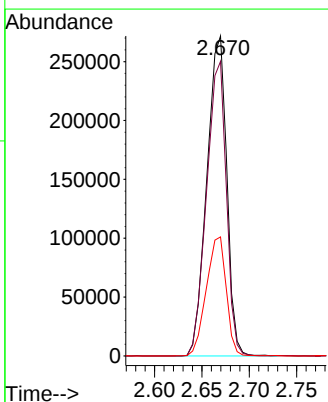
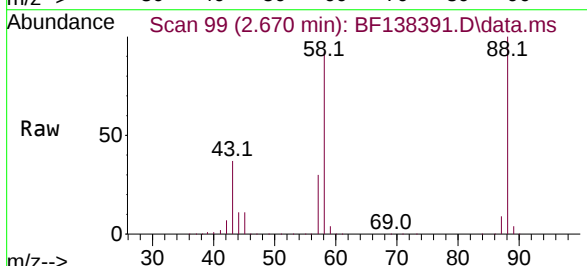
Reviewed By :Yogesh Patel 06/29/2024

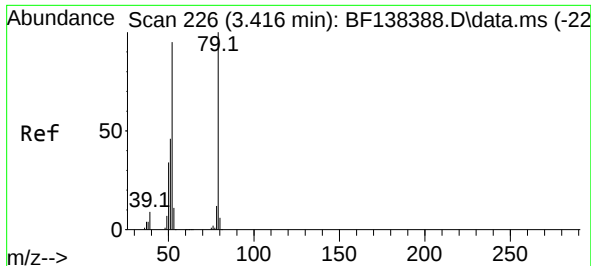
Supervised By :mohammad ahmed 06/29/2024



#2  
1,4-Dioxane  
Concen: 74.264 ng  
RT: 2.670 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion: 88 Resp: 396560  
Ion Ratio Lower Upper  
88 100  
58 91.6 73.7 110.5  
43 37.3 30.1 45.1





#3

Pyridine

Concen: 78.991 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1006268

Ion Ratio Lower Upper

79 100

52 95.0 76.2 114.2

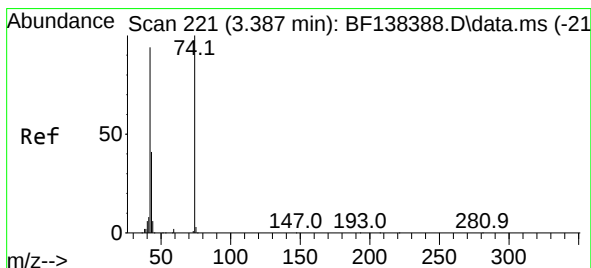
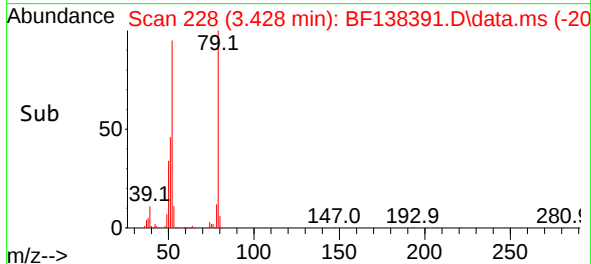
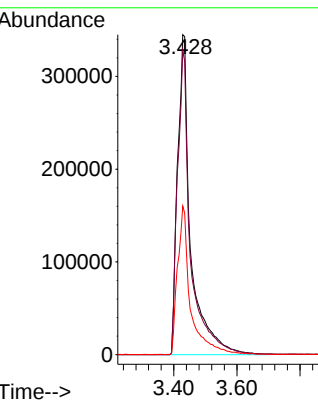
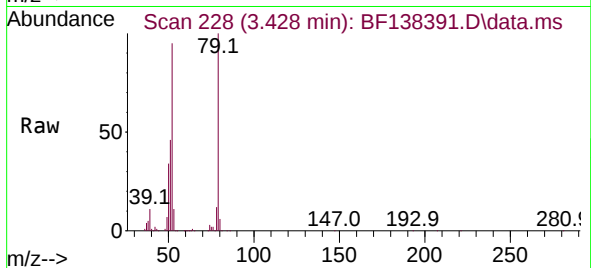
51 46.4 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#4

n-Nitrosodimethylamine

Concen: 76.158 ng

RT: 3.417 min Scan# 226

Delta R.T. 0.030 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

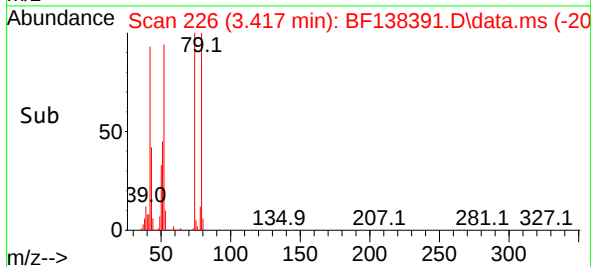
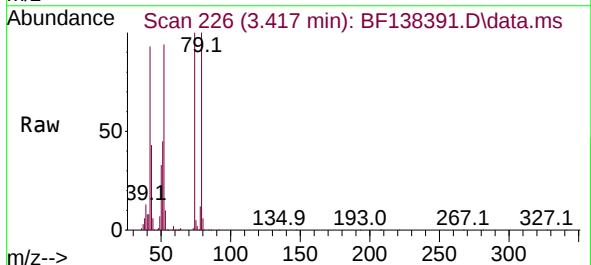
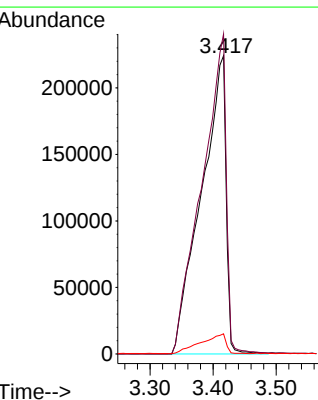
Tgt Ion: 42 Resp: 605268

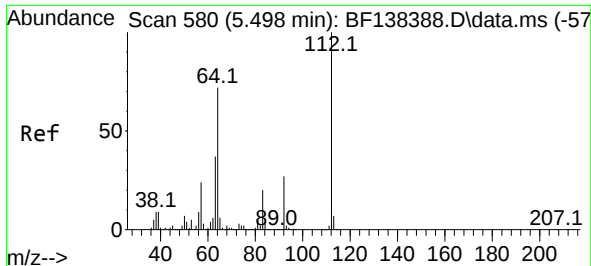
Ion Ratio Lower Upper

42 100

74 107.3 85.1 127.7

44 6.7 5.5 8.3





#5  
2-Fluorophenol  
Concen: 137.282 ng  
RT: 5.505 min Scan# 580  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

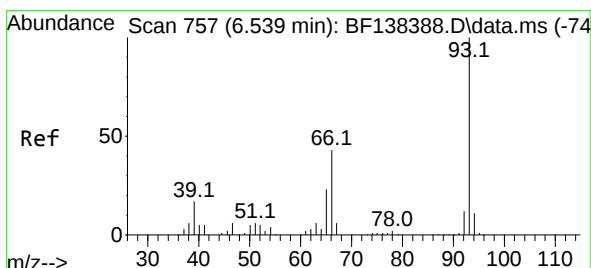
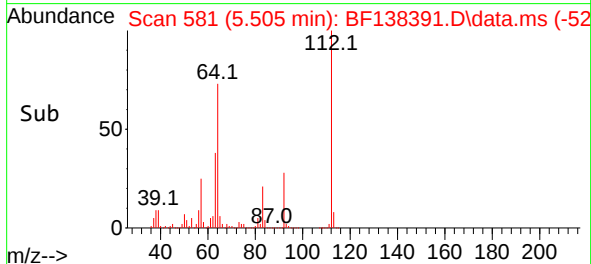
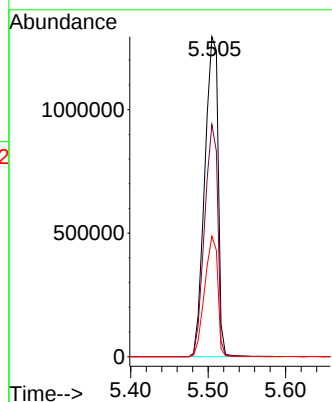
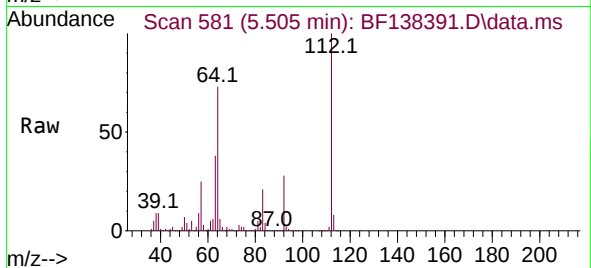
SSTDICC080

Tgt Ion:112 Resp: 155631  
Ion Ratio Lower Upper  
112 100  
64 72.5 57.2 85.8  
63 37.7 29.4 44.0

Manual Integrations

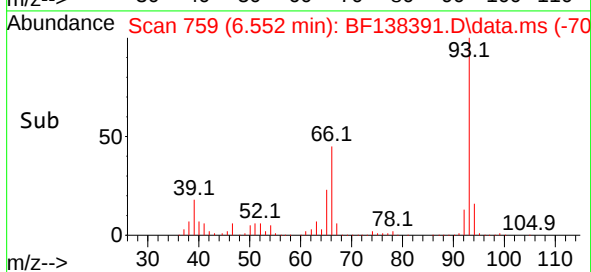
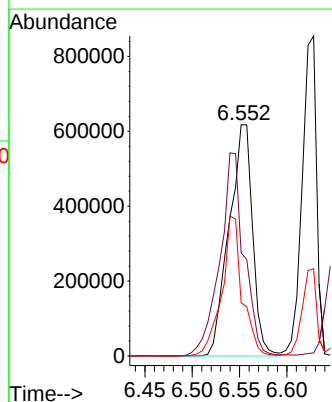
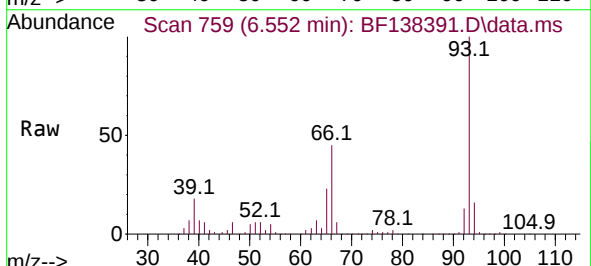
APPROVED

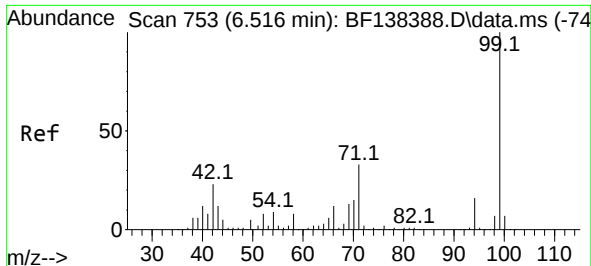
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#6  
Aniline  
Concen: 71.668 ng  
RT: 6.552 min Scan# 759  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion: 93 Resp: 1068065  
Ion Ratio Lower Upper  
93 100  
66 44.5 34.7 52.1  
65 23.0 18.5 27.7





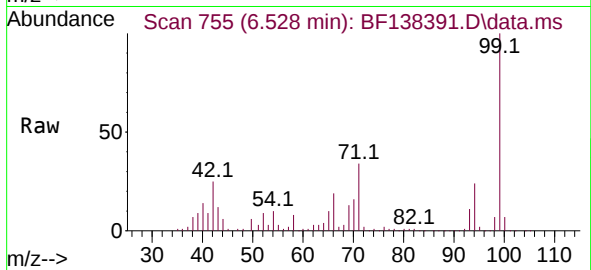
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Phenol-d6  
Concen: 138.059 ng  
RT: 6.528 min Scan# 710  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

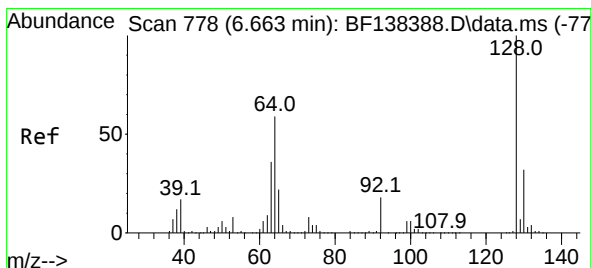
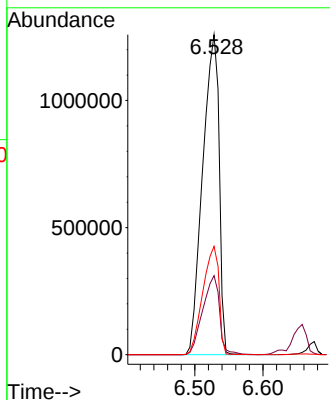
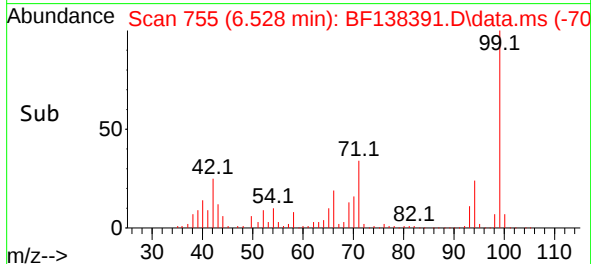


Tgt Ion: 99 Resp: 210836  
Ion Ratio Lower Upper  
99 100  
42 24.7 18.5 27.7  
71 33.8 26.1 39.1

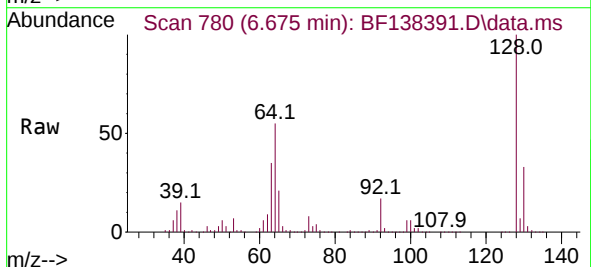
Manual Integrations

APPROVED

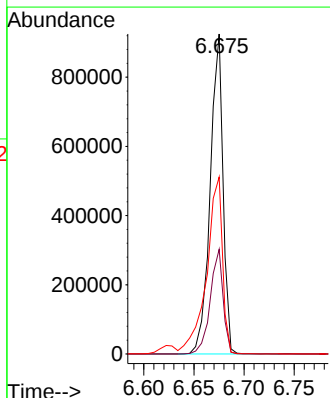
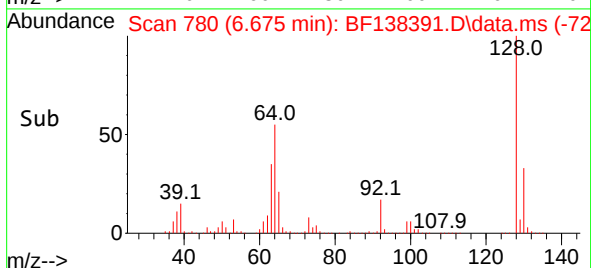
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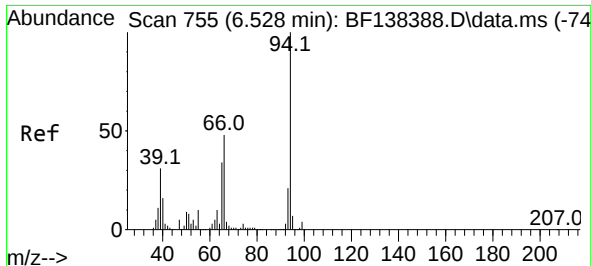


#8  
2-Chlorophenol  
Concen: 67.863 ng  
RT: 6.675 min Scan# 780  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



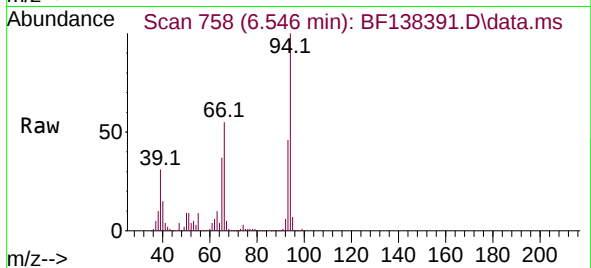
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Ion Ratio Lower Upper  
128 100  
130 32.7 12.3 52.3  
64 55.3 39.6 79.6





#10  
Phenol  
Concen: 69.715 ng  
RT: 6.546 min Scan# 755  
Delta R.T. 0.018 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

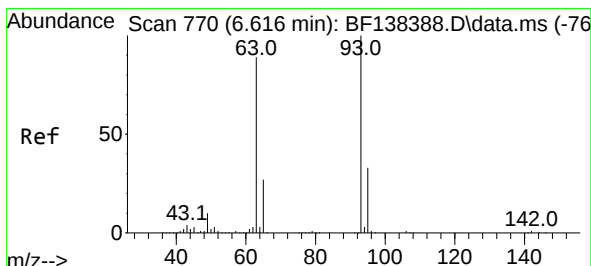
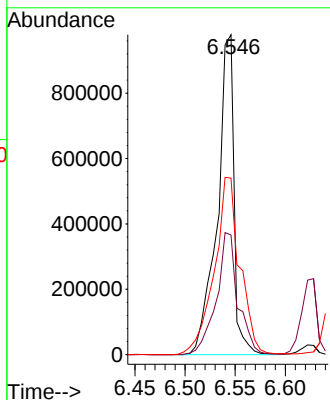
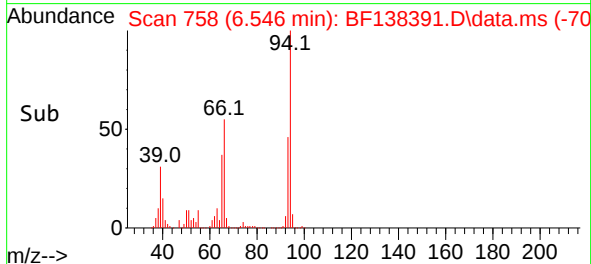
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 94 Resp: 1134270  
Ion Ratio Lower Upper  
94 100  
65 37.4 14.2 54.2  
66 55.2 27.9 67.9

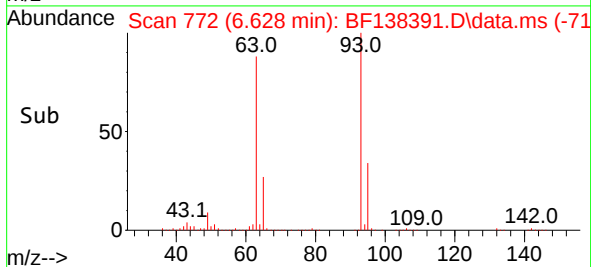
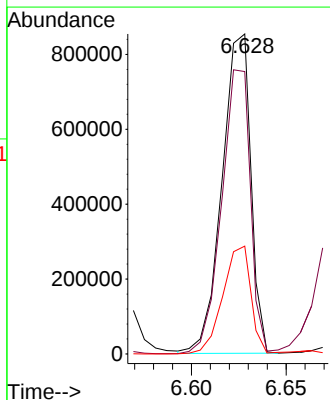
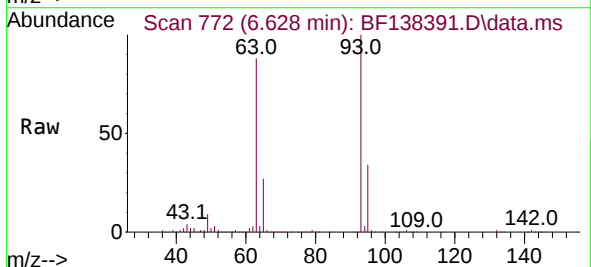
Manual Integrations  
APPROVED

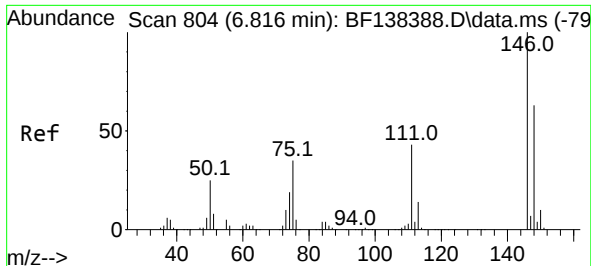
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#11  
bis(2-Chloroethyl)ether  
Concen: 70.623 ng  
RT: 6.628 min Scan# 772  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

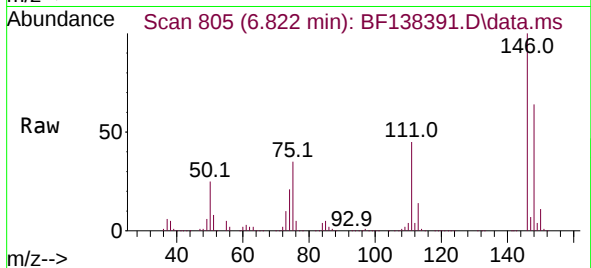
Tgt Ion: 93 Resp: 902454  
Ion Ratio Lower Upper  
93 100  
63 88.3 68.2 108.2  
95 33.7 12.4 52.4





#12  
1,3-Dichlorobenzene  
Concen: 68.441 ng  
RT: 6.822 min Scan# 805  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

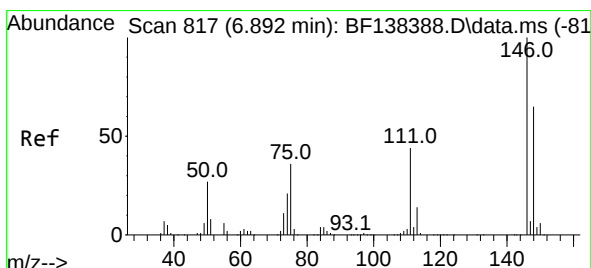
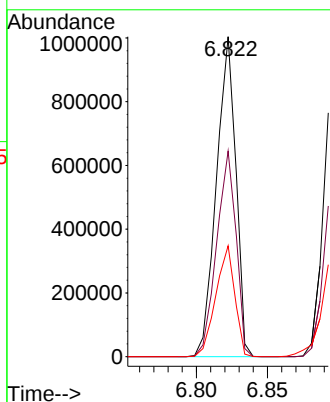
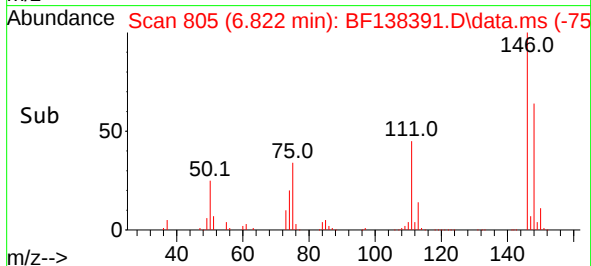
Instrument :  
BNA\_F  
Client SampleId :  
SSTDICC080



Tgt Ion:146 Resp: 953850  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.3 75.5  
75 34.7 27.8 41.6

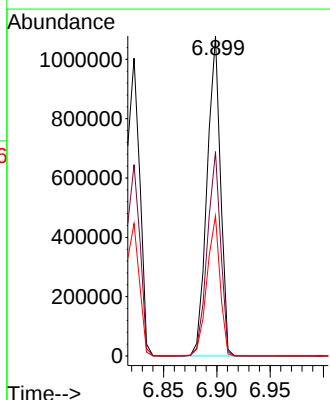
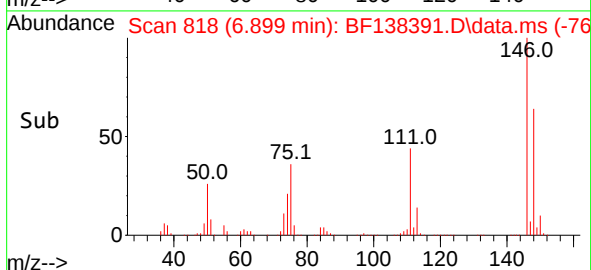
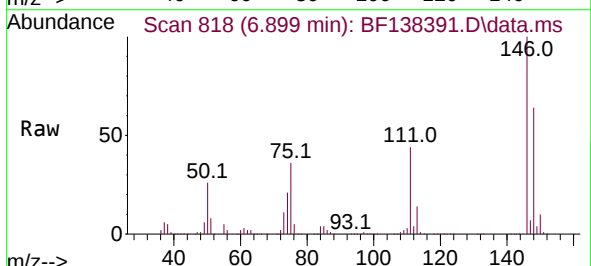
Manual Integrations  
APPROVED

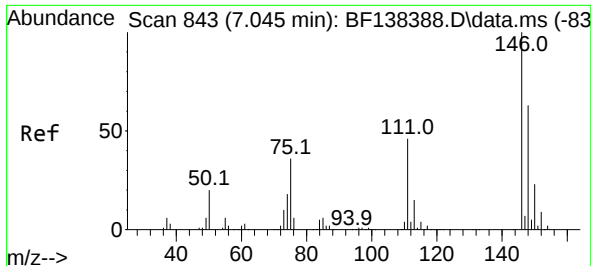
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#13  
1,4-Dichlorobenzene  
Concen: 67.656 ng  
RT: 6.899 min Scan# 818  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:146 Resp: 945457  
Ion Ratio Lower Upper  
146 100  
148 63.9 52.0 78.0  
111 43.8 35.4 53.0





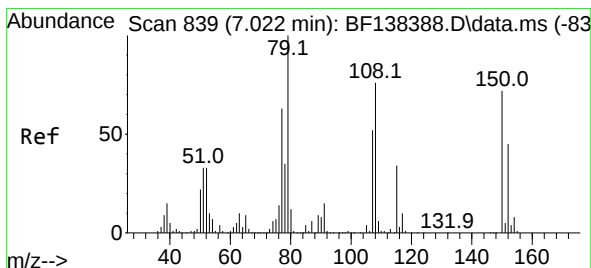
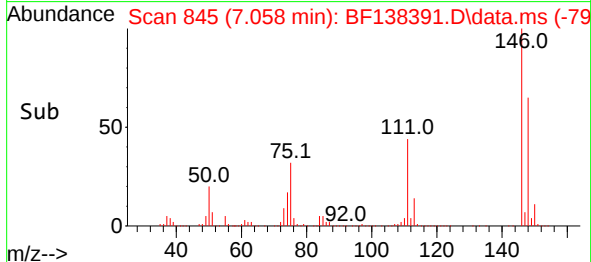
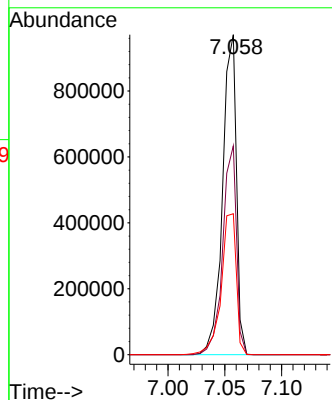
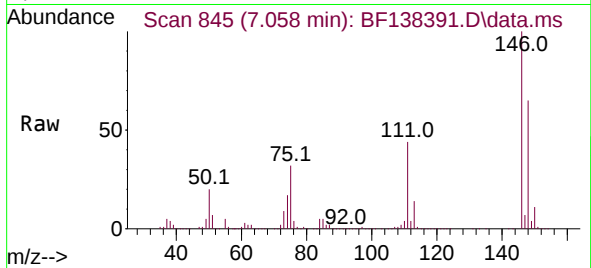
#14  
1,2-Dichlorobenzene  
Concen: 64.076 ng  
RT: 7.058 min Scan# 843  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:146 Resp: 82663  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.3 75.5  
111 44.0 37.1 55.7

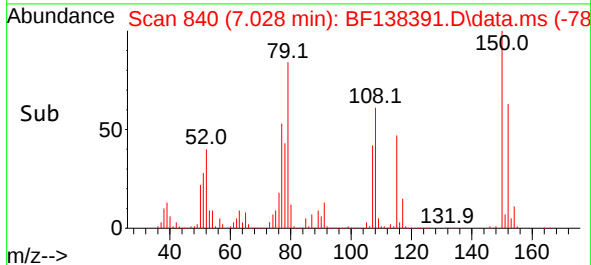
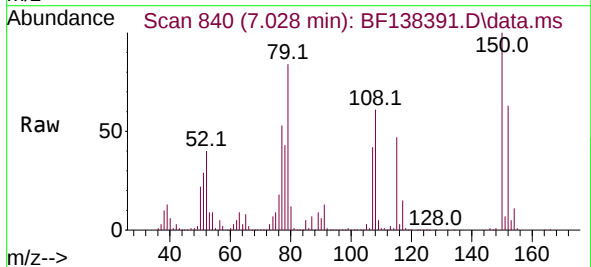
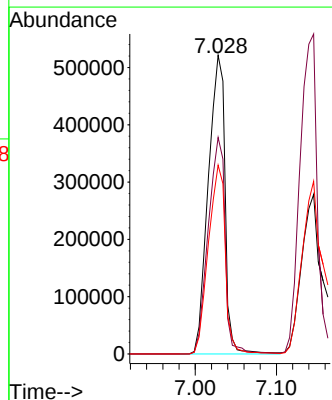
Manual Integrations  
APPROVED

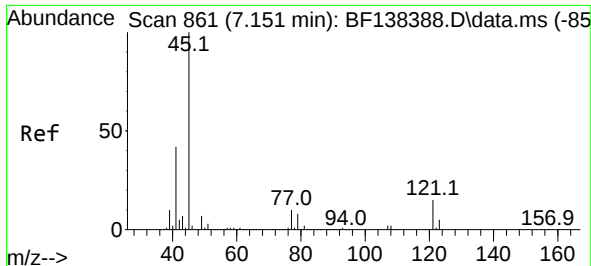
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#15  
Benzyl Alcohol  
Concen: 68.099 ng  
RT: 7.028 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion: 79 Resp: 744881  
Ion Ratio Lower Upper  
79 100  
108 72.5 60.9 91.3  
77 63.2 50.6 75.8





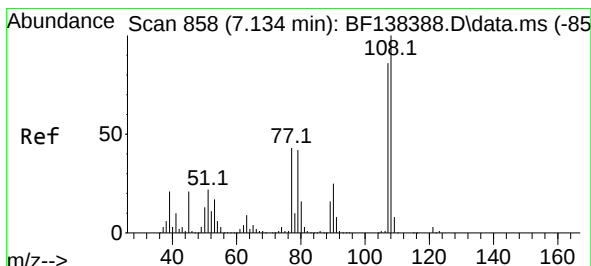
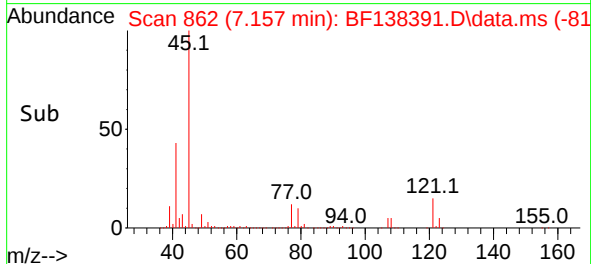
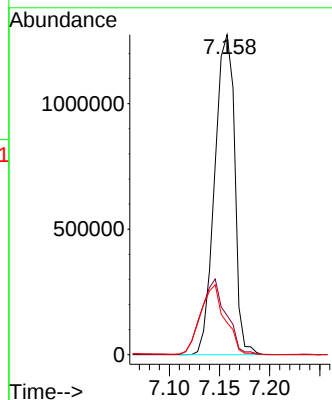
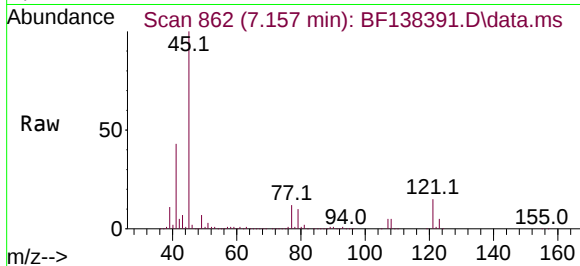
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 68.310 ng  
RT: 7.157 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 45 Resp: 176067  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 30.4  
79 10.0 0.0 28.1

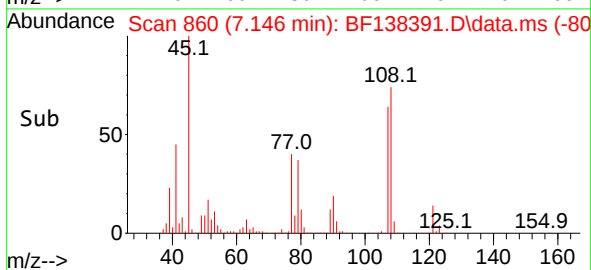
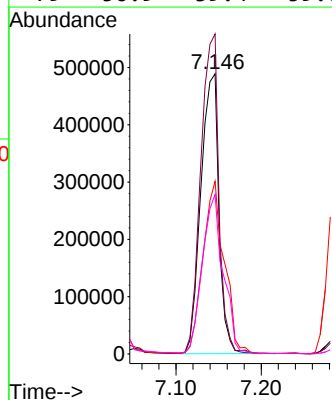
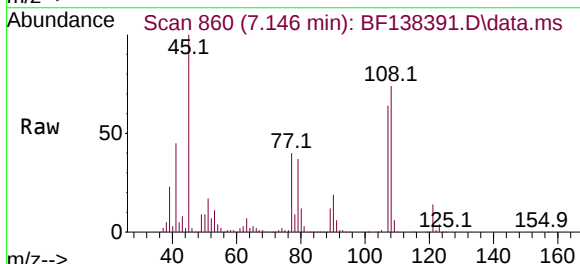
Manual Integrations  
APPROVED

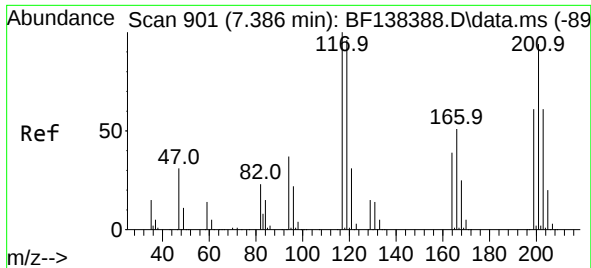
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#17  
2-Methylphenol  
Concen: 71.416 ng  
RT: 7.146 min Scan# 860  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:107 Resp: 720319  
Ion Ratio Lower Upper  
107 100  
108 114.2 92.6 138.8  
77 61.6 40.3 60.5#  
79 56.9 39.4 59.0





#18  
Hexachloroethane  
Concen: 70.073 ng  
RT: 7.393 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

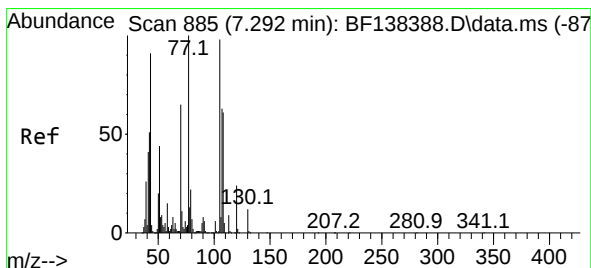
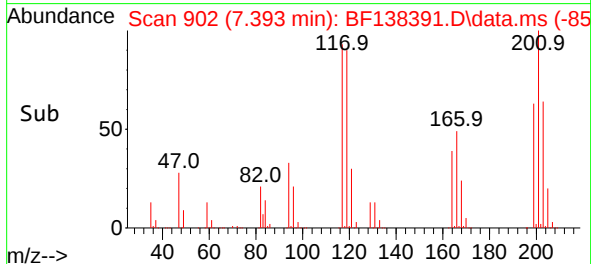
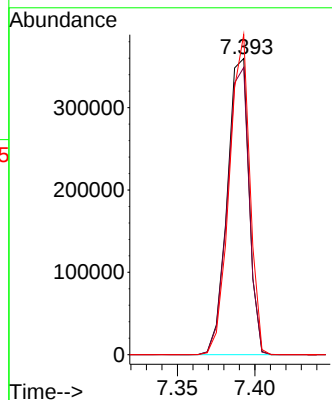
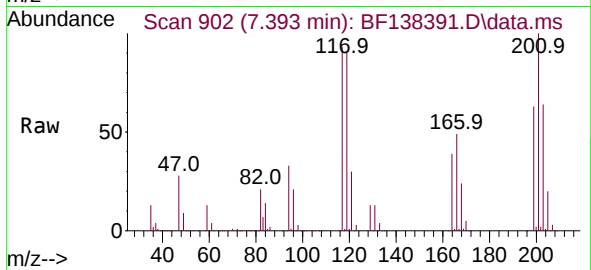
SSTDICC080

Tgt Ion:117 Resp: 353204  
Ion Ratio Lower Upper  
117 100  
119 97.0 77.1 115.7  
201 108.0 75.6 113.4

Manual Integrations

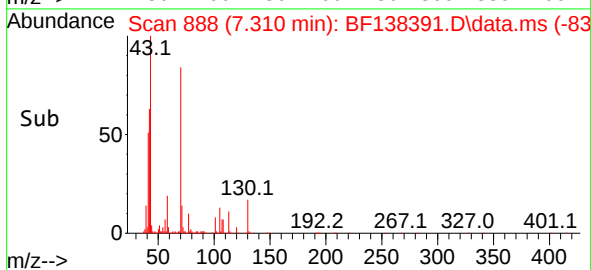
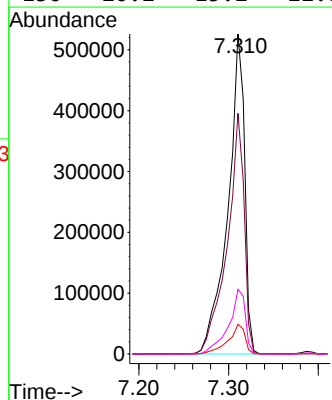
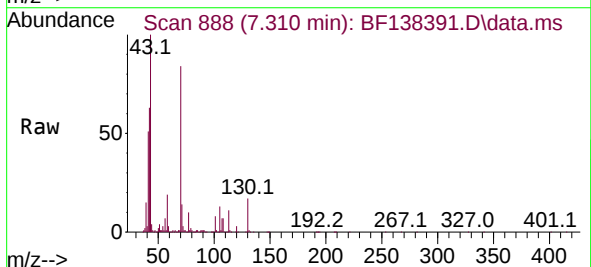
APPROVED

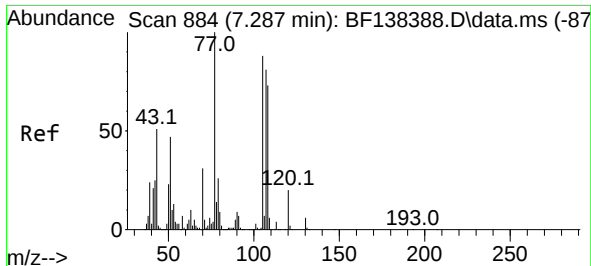
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#19  
n-Nitroso-di-n-propylamine  
Concen: 70.522 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.018 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion: 70 Resp: 678942  
Ion Ratio Lower Upper  
70 100  
42 75.2 62.5 93.7  
101 9.2 7.0 10.4  
130 20.2 15.2 22.8





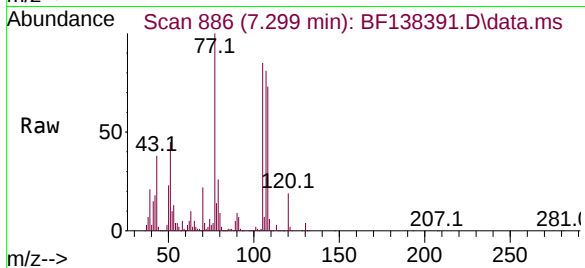
#20  
3+4-Methylphenols  
Concen: 66.497 ng  
RT: 7.299 min Scan# 884  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

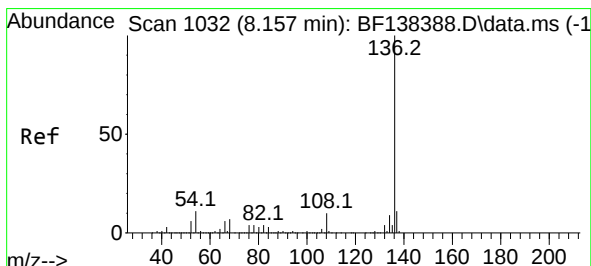
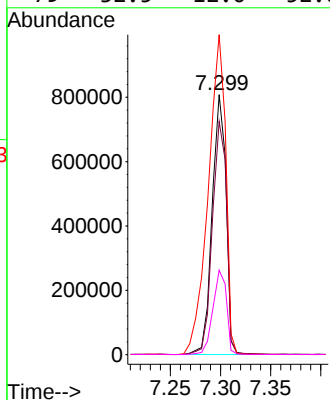
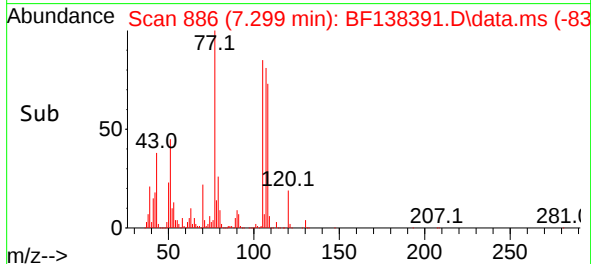


Tgt Ion:107 Resp: 779304  
Ion Ratio Lower Upper  
107 100  
108 89.8 70.8 110.8  
77 123.1 104.0 144.0  
79 32.5 12.0 52.0

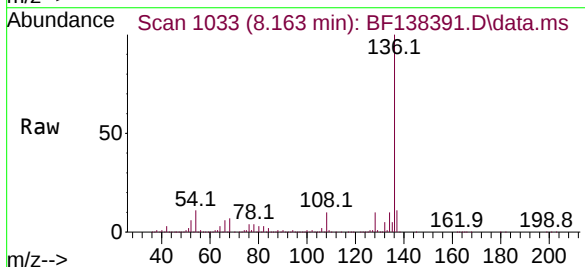
Manual Integrations

APPROVED

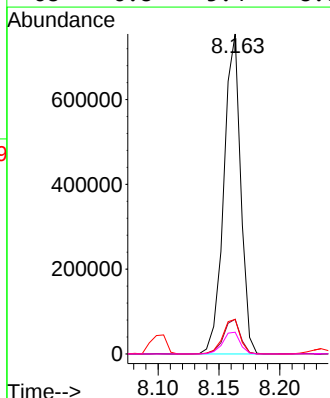
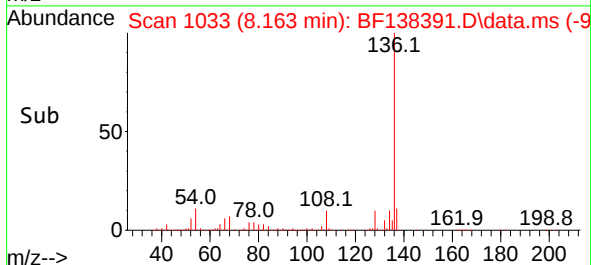
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

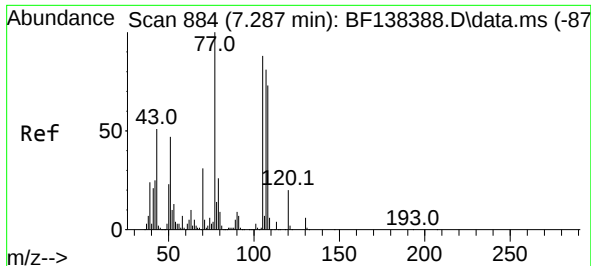


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:136 Resp: 727838  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 10.8 9.0 13.4  
68 6.8 5.4 8.0





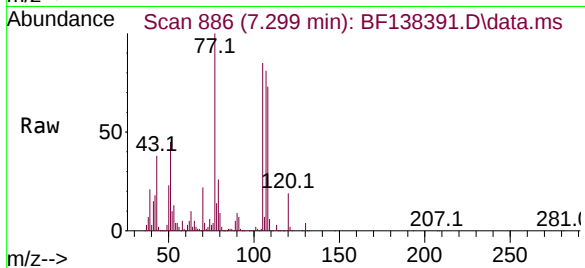
#22  
Acetophenone  
Concen: 69.146 ng  
RT: 7.299 min Scan# 886  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



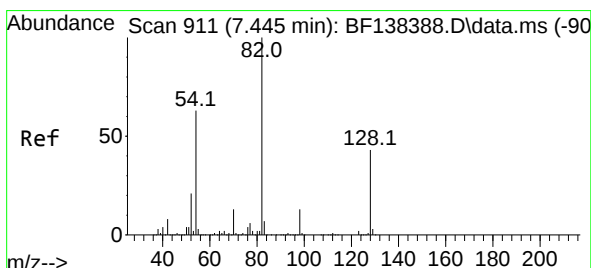
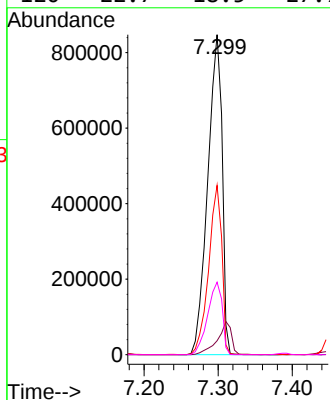
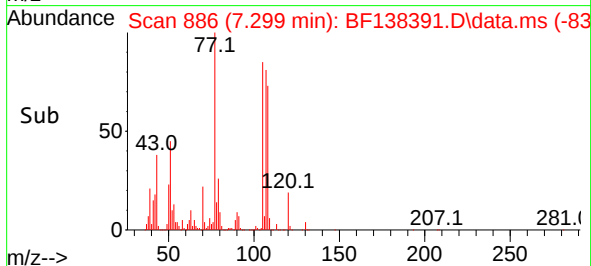
Tgt Ion:105 Resp: 1141730  
Ion Ratio Lower Upper  
105 100  
71 4.4 4.7 7.1  
51 52.9 43.2 64.8  
120 22.7 18.5 27.7

Manual Integrations

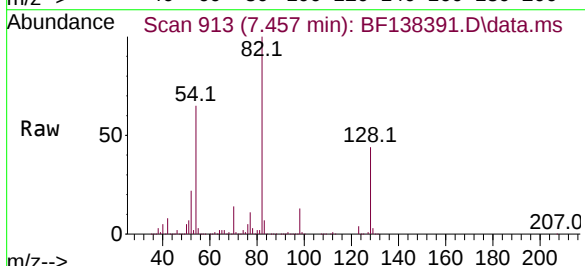
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

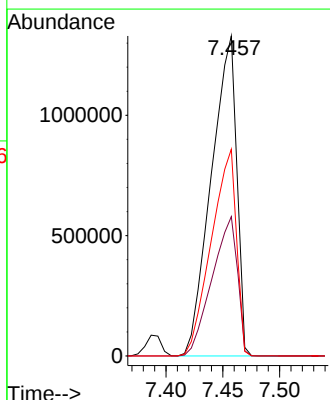
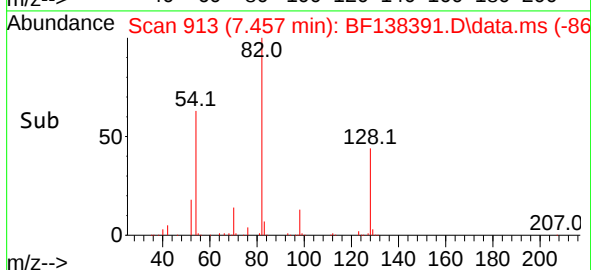
Supervised By :mohammad ahmed 06/29/2024

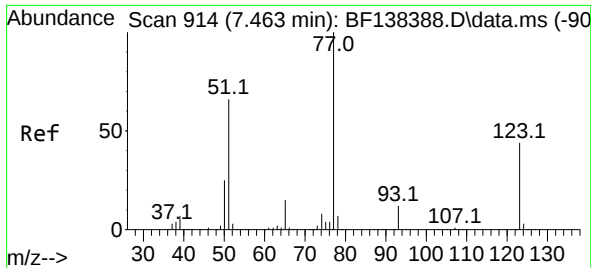


#23  
Nitrobenzene-d5  
Concen: 147.579 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion: 82 Resp: 2067723  
Ion Ratio Lower Upper  
82 100  
128 43.6 34.6 52.0  
54 64.6 50.5 75.7





#24  
Nitrobenzene  
Concen: 72.215 ng  
RT: 7.475 min Scan# 914  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

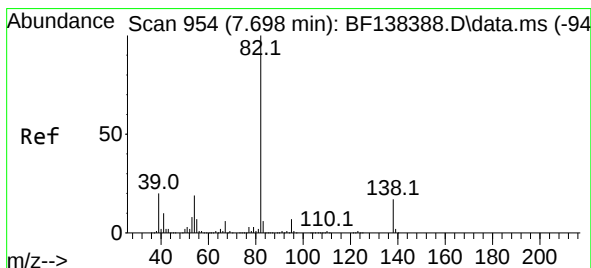
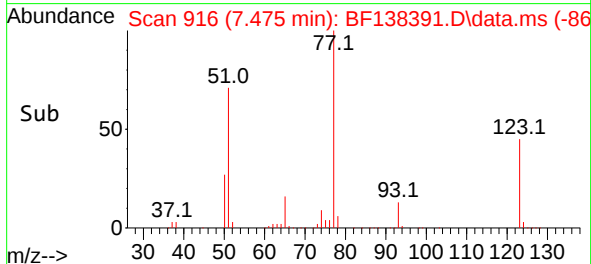
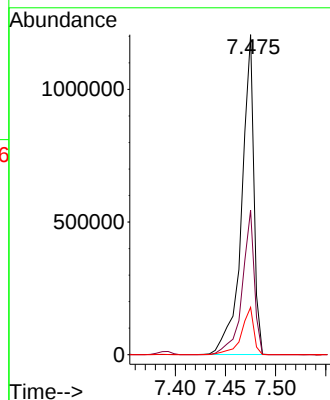
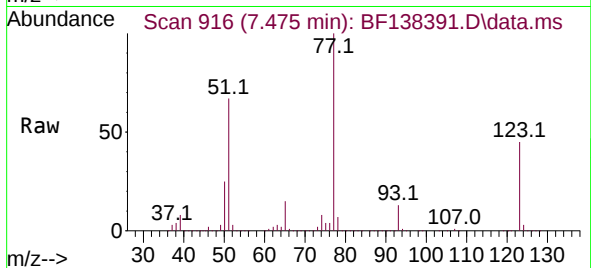
SSTDICC080

Tgt Ion: 77 Resp: 1029104  
Ion Ratio Lower Upper  
77 100  
123 45.1 35.0 52.6  
65 14.8 12.1 18.1

Manual Integrations

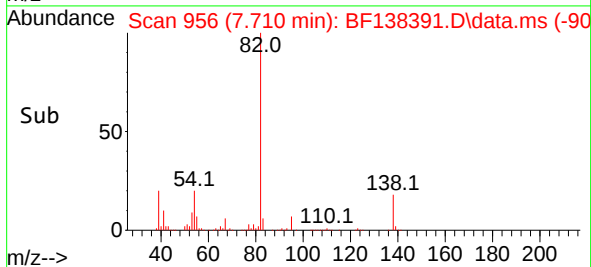
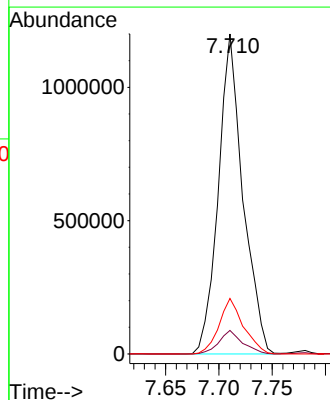
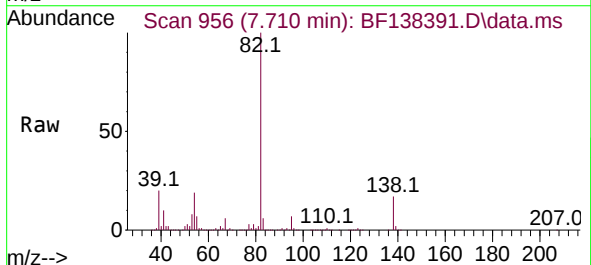
APPROVED

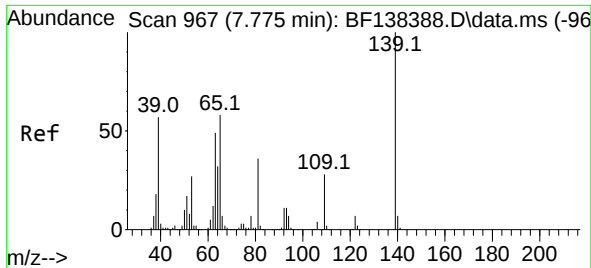
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#25  
Isophorone  
Concen: 74.602 ng  
RT: 7.710 min Scan# 956  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion: 82 Resp: 1927326  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.7 8.5  
138 17.4 13.4 20.2





#26  
2-Nitrophenol  
Concen: 79.377 ng  
RT: 7.781 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

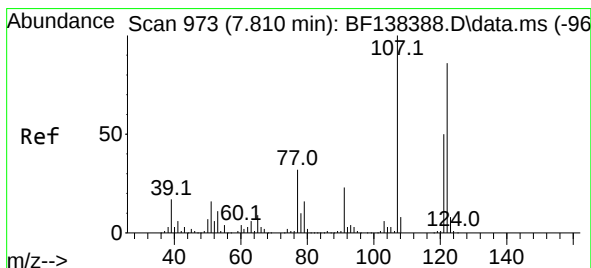
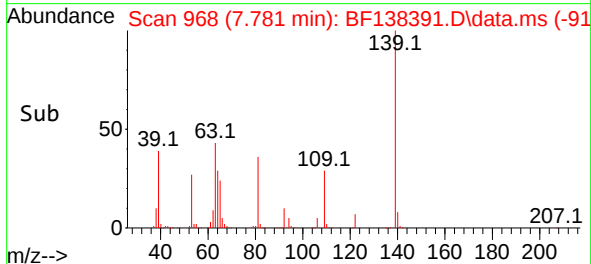
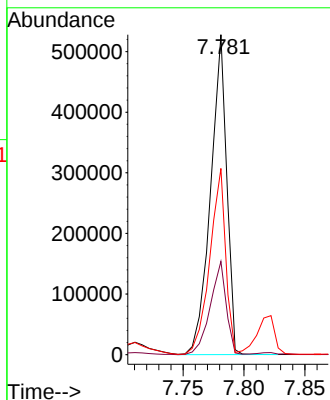
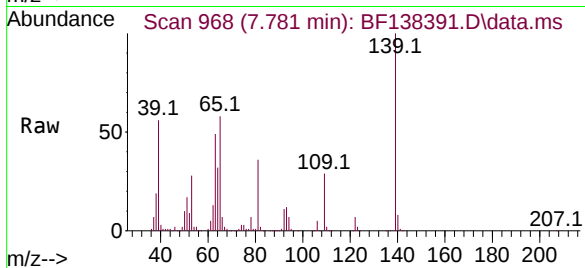
SSTDICC080

Tgt Ion:139 Resp: 48791  
Ion Ratio Lower Upper  
139 100  
109 29.2 22.5 33.7  
65 58.2 46.2 69.2

Manual Integrations

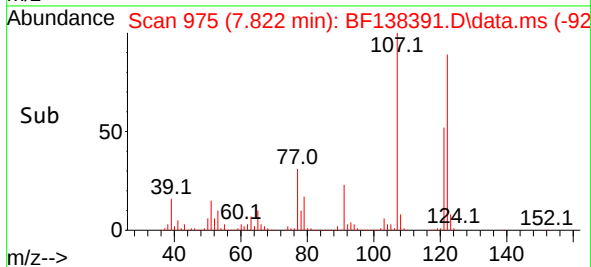
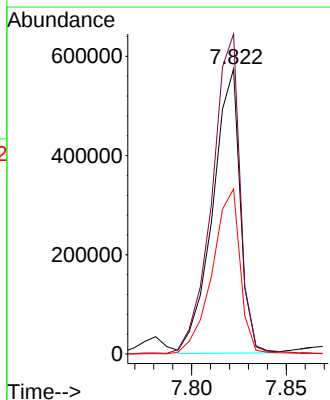
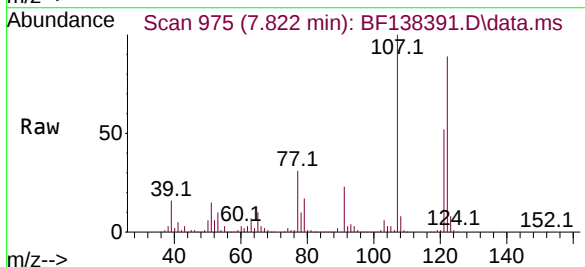
APPROVED

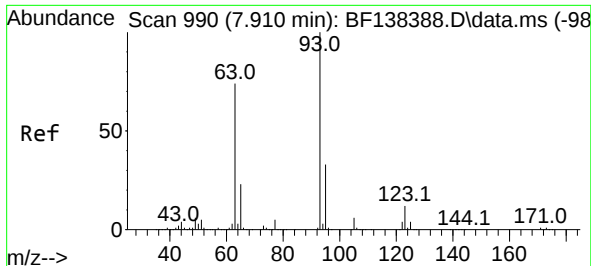
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#27  
2,4-Dimethylphenol  
Concen: 73.502 ng  
RT: 7.822 min Scan# 975  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

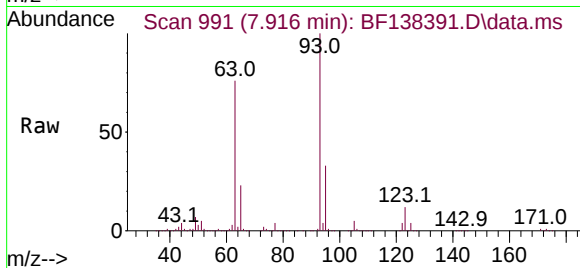
Tgt Ion:122 Resp: 578236  
Ion Ratio Lower Upper  
122 100  
107 112.3 92.5 138.7  
121 57.9 46.5 69.7





#28  
bis(2-Chloroethoxy)methane  
Concen: 71.412 ng  
RT: 7.916 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

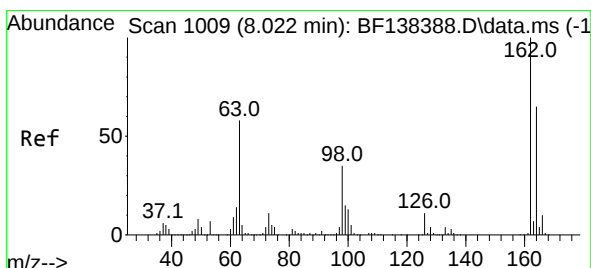
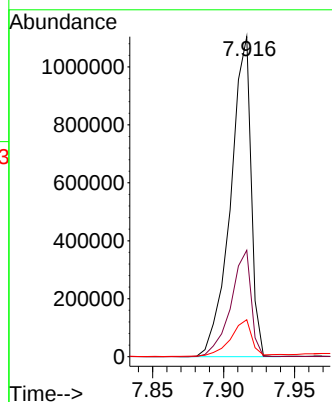
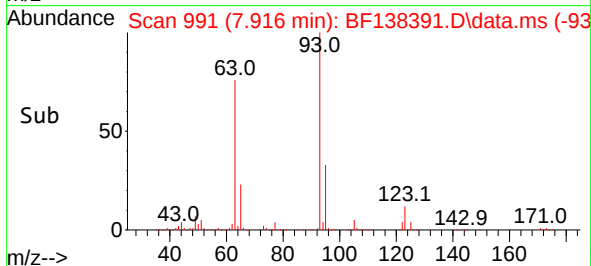
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 93 Resp: 1110494  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.6 40.0  
123 11.6 9.6 14.4

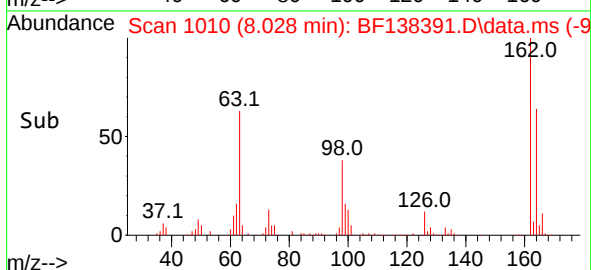
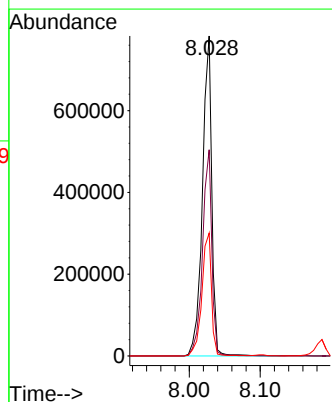
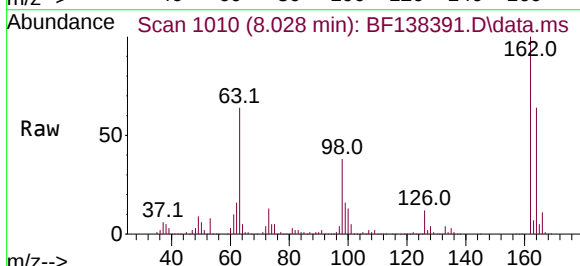
Manual Integrations  
APPROVED

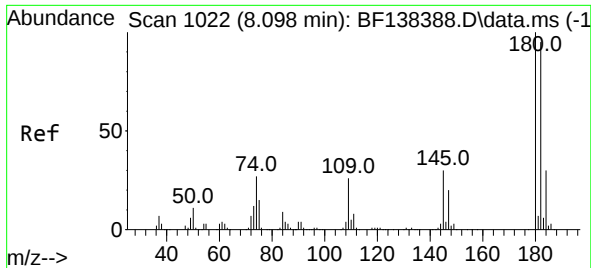
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#29  
2,4-Dichlorophenol  
Concen: 71.236 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:162 Resp: 719773  
Ion Ratio Lower Upper  
162 100  
164 64.5 45.4 85.4  
98 38.4 15.2 55.2





#30  
1,2,4-Trichlorobenzene  
Concen: 69.340 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

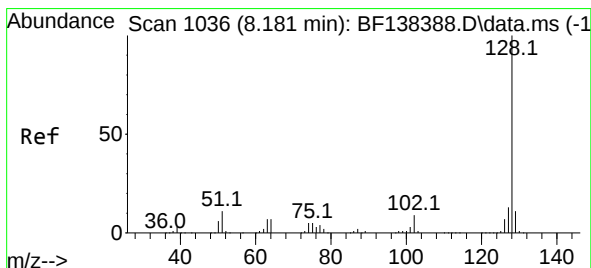
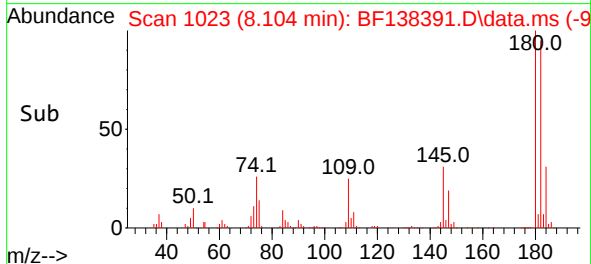
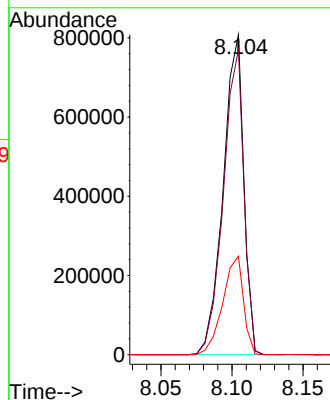
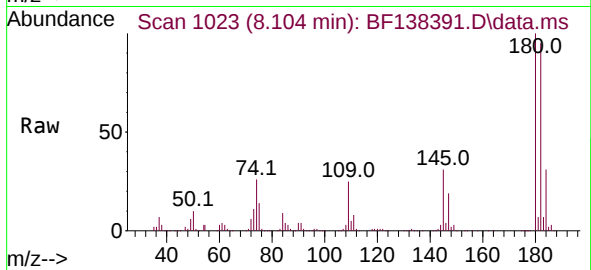
SSTDICC080

Tgt Ion:180 Resp: 81462  
Ion Ratio Lower Upper  
180 100  
182 95.3 76.0 114.0  
145 30.8 24.2 36.2

Manual Integrations

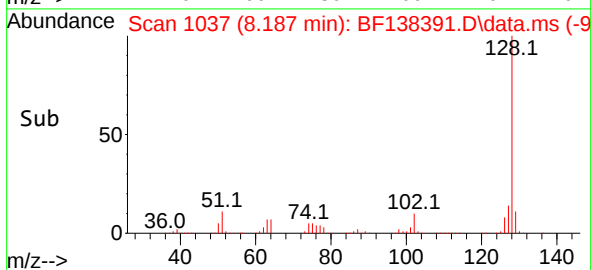
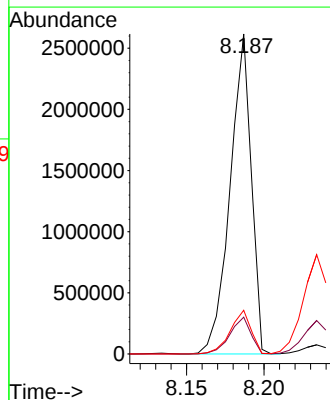
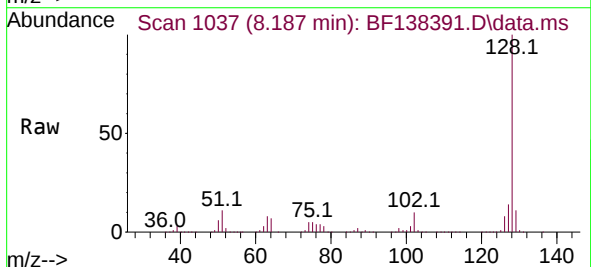
APPROVED

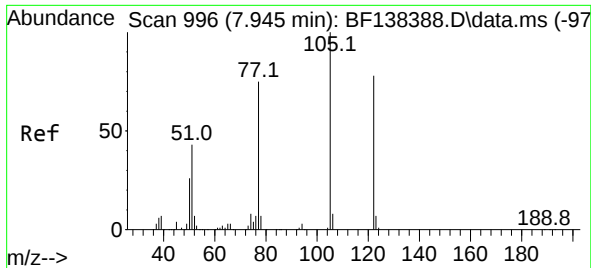
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#31  
Naphthalene  
Concen: 67.588 ng  
RT: 8.187 min Scan# 1037  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

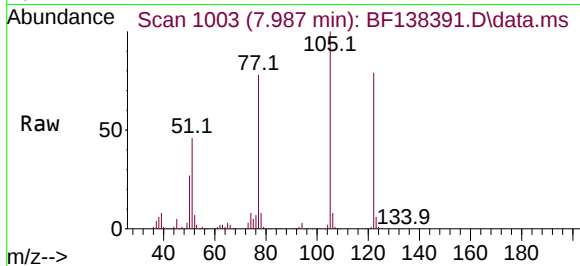
Tgt Ion:128 Resp: 2486853  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.7 10.6 16.0





#32  
Benzoic acid  
Concen: 78.977 ng  
RT: 7.987 min Scan# 1003  
Delta R.T. 0.042 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

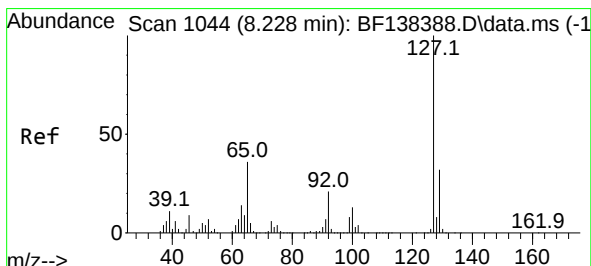
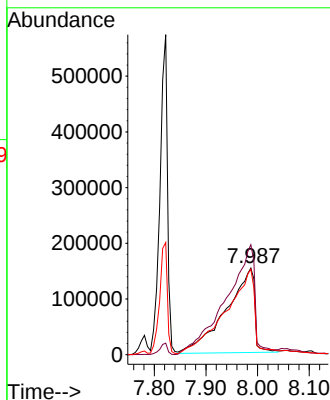
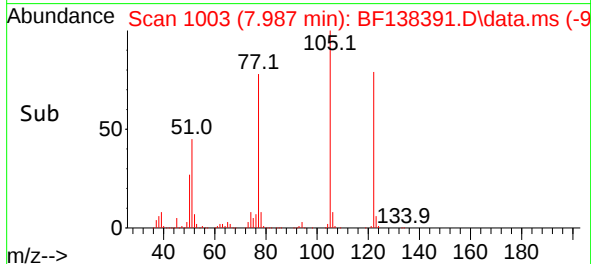
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:122 Resp: 586339  
Ion Ratio Lower Upper  
122 100  
105 127.2 103.8 143.8  
77 98.9 74.3 114.3

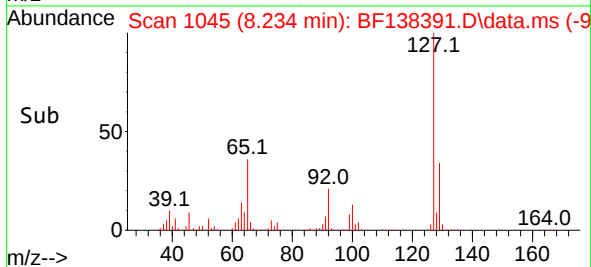
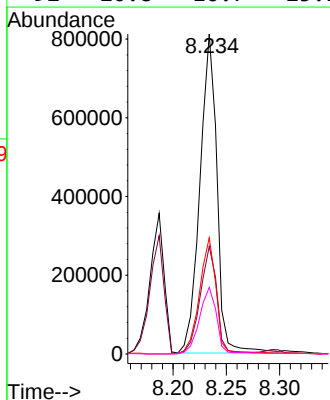
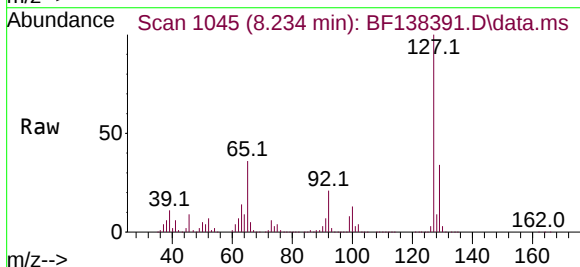
Manual Integrations  
APPROVED

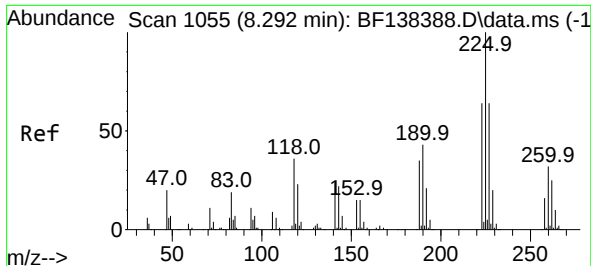
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#33  
4-Chloroaniline  
Concen: 70.660 ng  
RT: 8.234 min Scan# 1045  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:127 Resp: 908013  
Ion Ratio Lower Upper  
127 100  
129 33.6 25.4 38.2  
65 36.3 28.7 43.1  
92 20.8 16.7 25.1





#34  
Hexachlorobutadiene  
Concen: 68.077 ng  
RT: 8.299 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

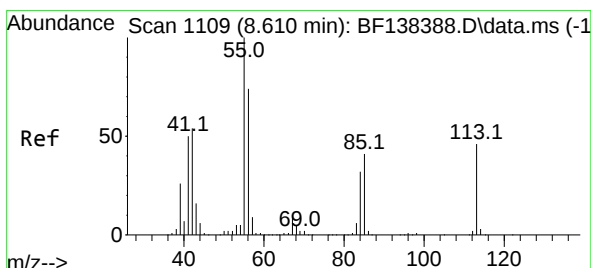
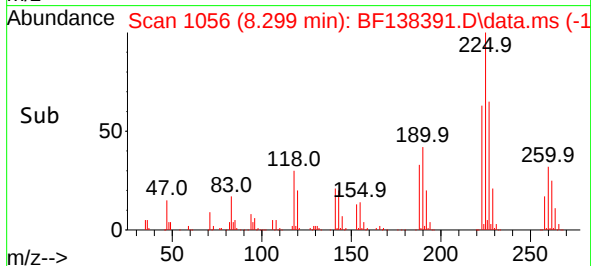
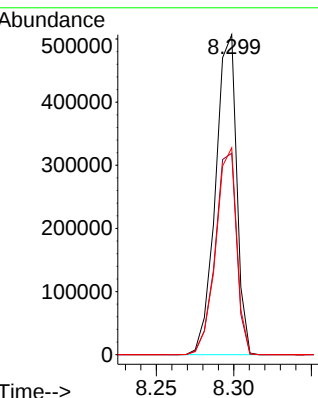
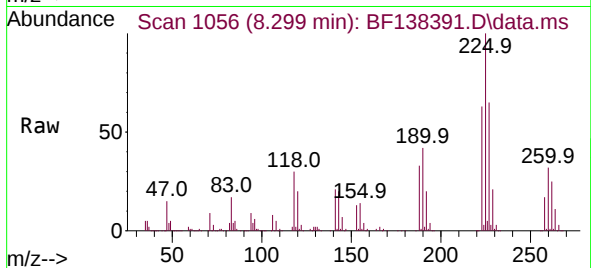
SSTDICC080

Tgt Ion:225 Resp: 480178  
Ion Ratio Lower Upper  
225 100  
223 63.0 51.0 76.6  
227 64.7 51.2 76.8

Manual Integrations

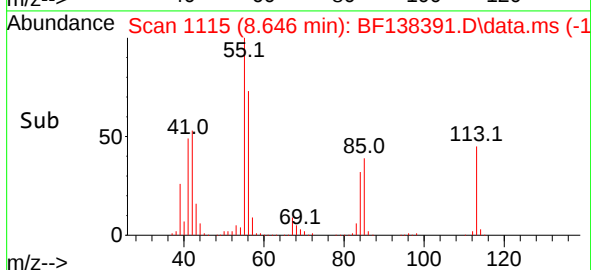
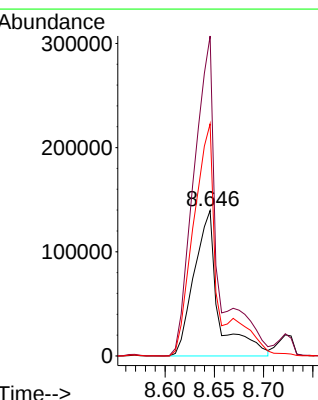
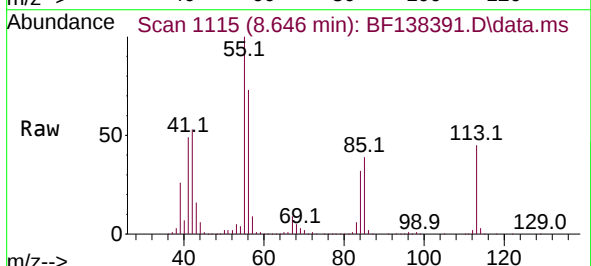
APPROVED

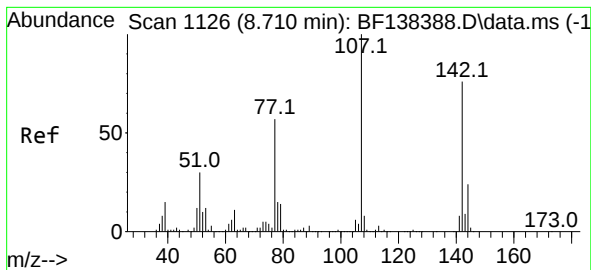
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#35  
Caprolactam  
Concen: 76.129 ng m  
RT: 8.646 min Scan# 1115  
Delta R.T. 0.036 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

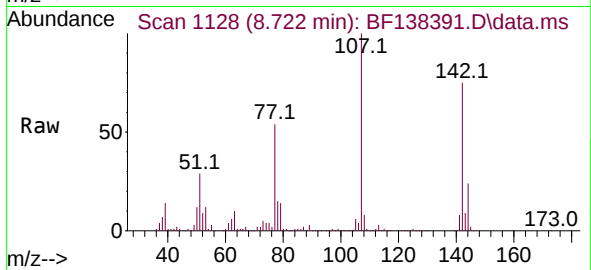
Tgt Ion:113 Resp: 242902  
Ion Ratio Lower Upper  
113 100  
55 219.9 195.9 235.9  
56 159.6 138.7 178.7





#36  
4-Chloro-3-methylphenol  
Concen: 72.527 ng  
RT: 8.722 min Scan# 1127  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

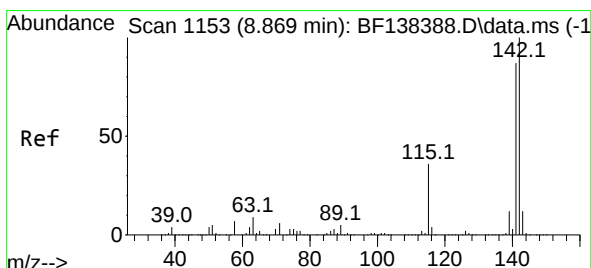
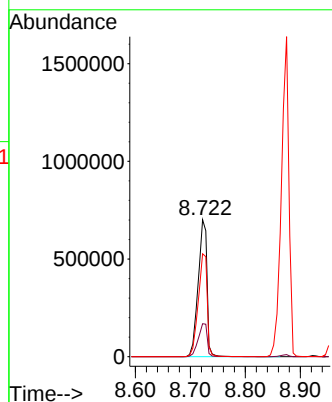
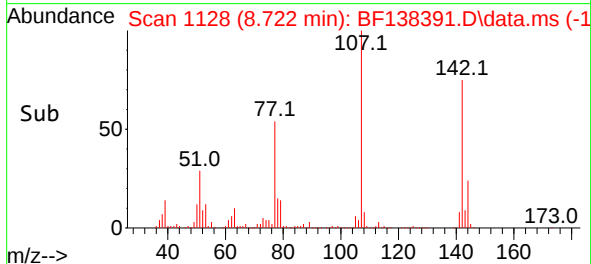
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



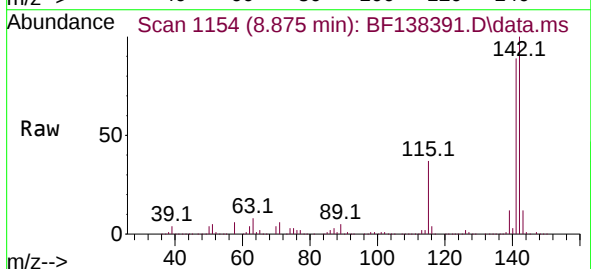
Tgt Ion:107 Resp: 780570  
Ion Ratio Lower Upper  
107 100  
144 24.0 19.2 28.8  
142 75.1 61.0 91.6

Manual Integrations  
APPROVED

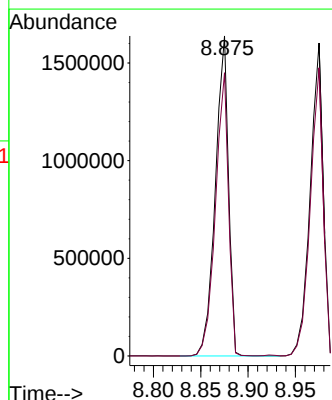
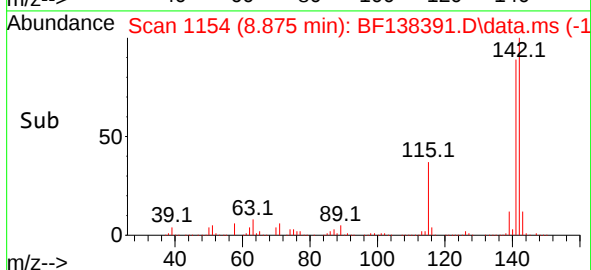
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

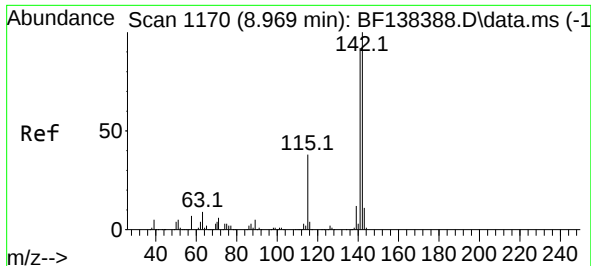


#37  
2-Methylnaphthalene  
Concen: 66.350 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:142 Resp: 1577807  
Ion Ratio Lower Upper  
142 100  
141 88.5 69.6 104.4





#38  
1-Methylnaphthalene  
Concen: 66.287 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

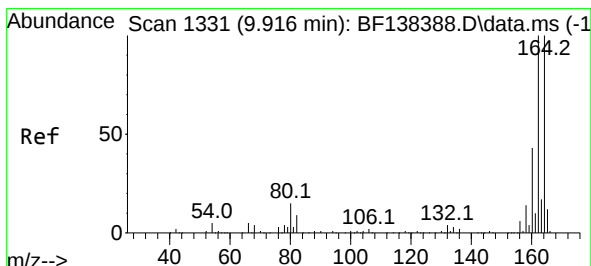
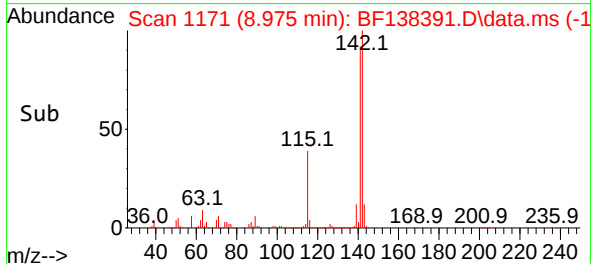
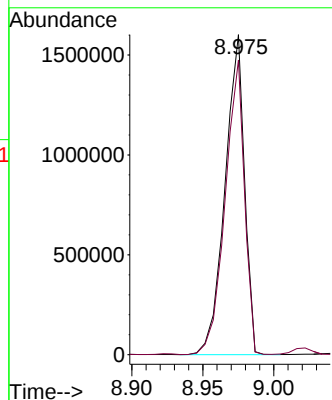
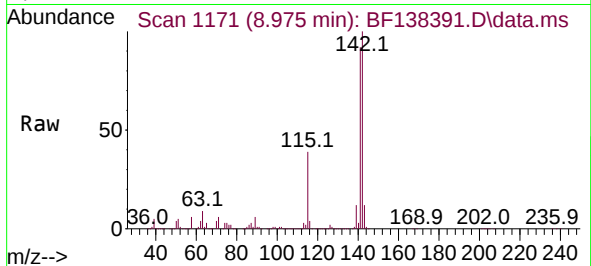
SSTDICC080

Tgt Ion:142 Resp: 1528718  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.7 110.5

Manual Integrations

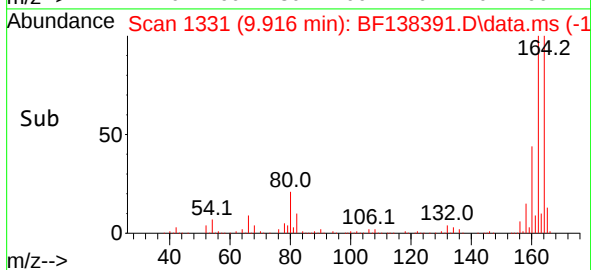
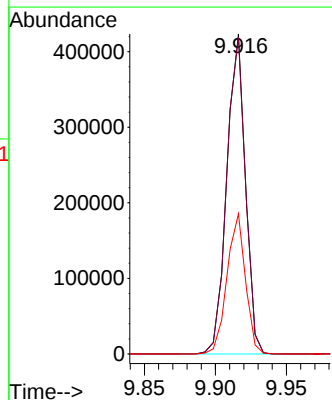
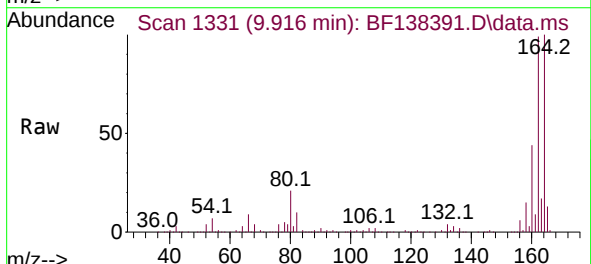
APPROVED

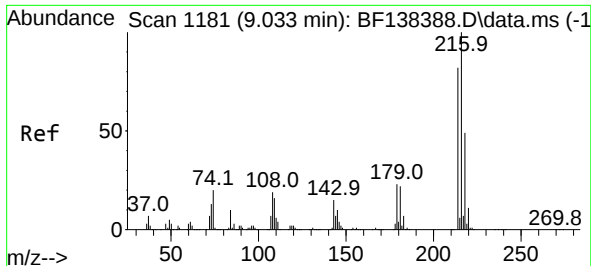
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:164 Resp: 385050  
Ion Ratio Lower Upper  
164 100  
162 98.9 80.1 120.1  
160 43.8 34.1 51.1





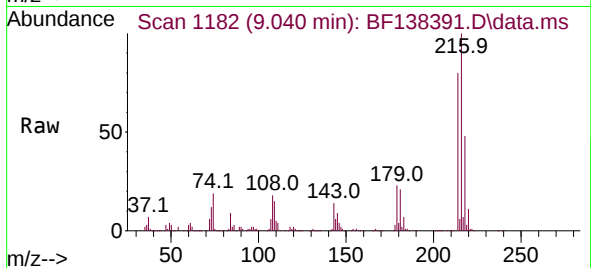
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 67.763 ng  
RT: 9.040 min Scan# 1181  
Delta R.T. 0.007 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

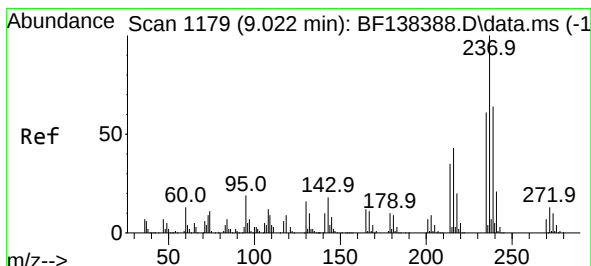
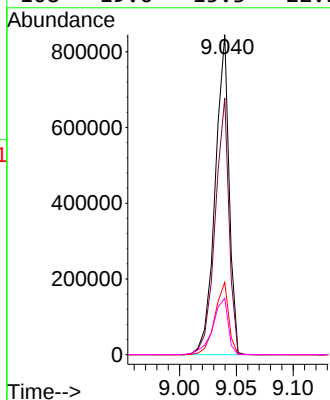
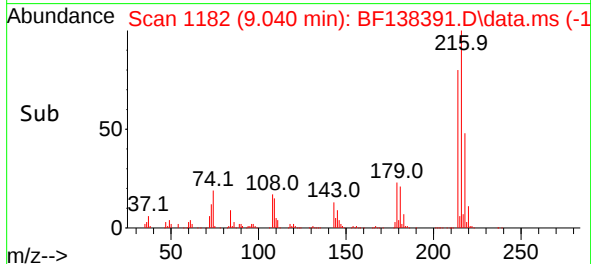


Tgt Ion:216 Resp: 72171  
Ion Ratio Lower Upper  
216 100  
214 79.5 64.2 96.4  
179 22.3 17.4 26.0  
108 19.6 15.3 22.9

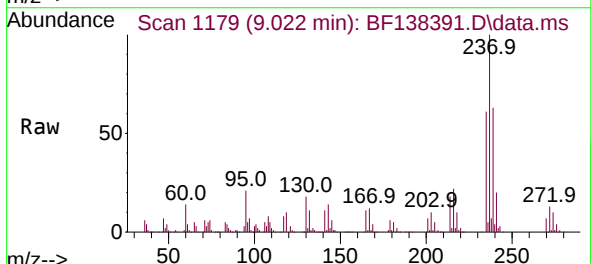
Manual Integrations

APPROVED

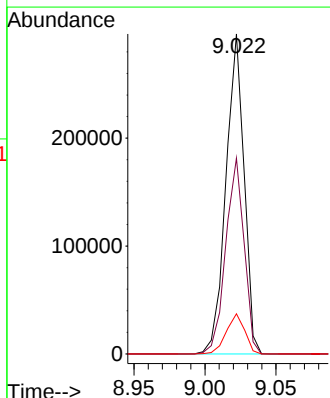
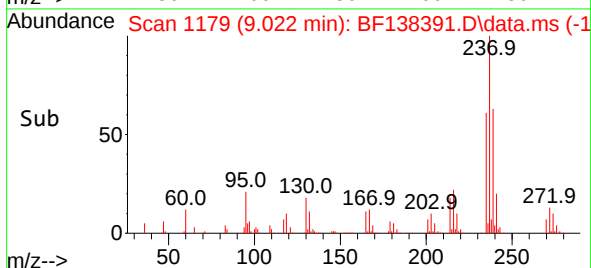
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

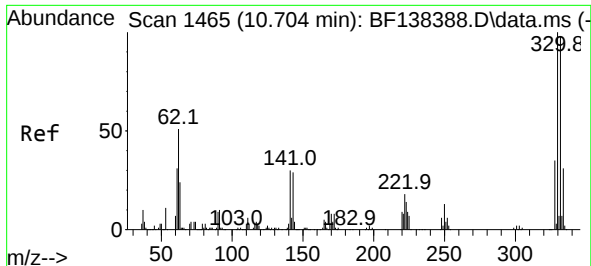


#41  
Hexachlorocyclopentadiene  
Concen: 83.873 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:237 Resp: 262944  
Ion Ratio Lower Upper  
237 100  
235 61.2 41.4 81.4  
272 12.6 0.0 33.1





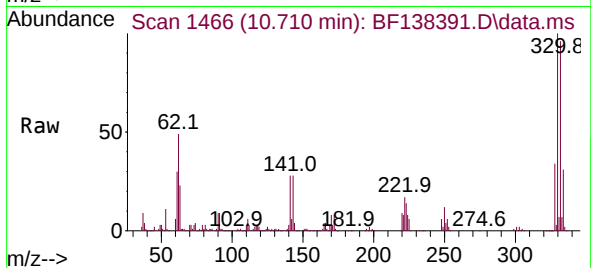
#42  
2,4,6-Tribromophenol  
Concen: 140.602 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



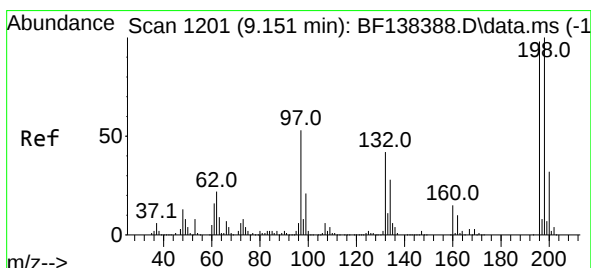
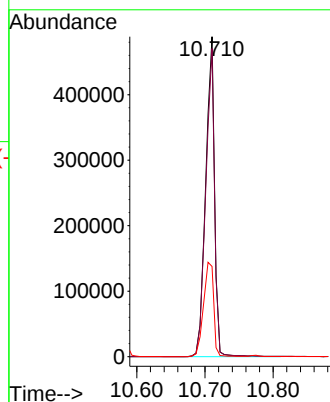
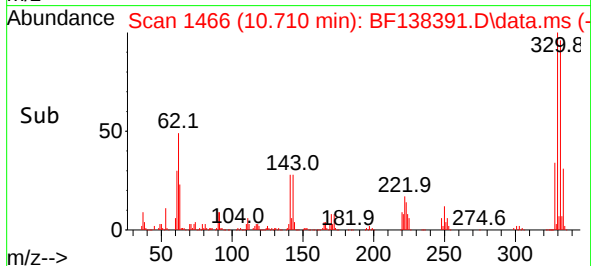
Tgt Ion:330 Resp: 44232  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.6  
141 33.8 28.1 42.1

Manual Integrations

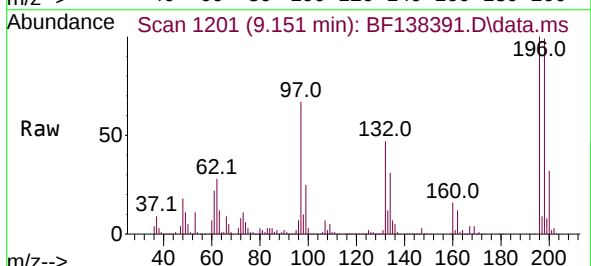
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

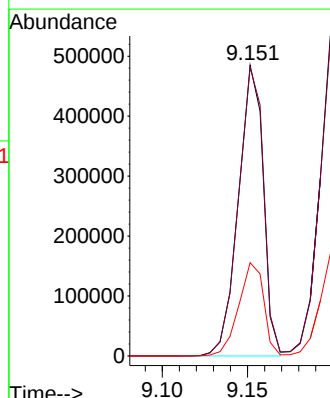
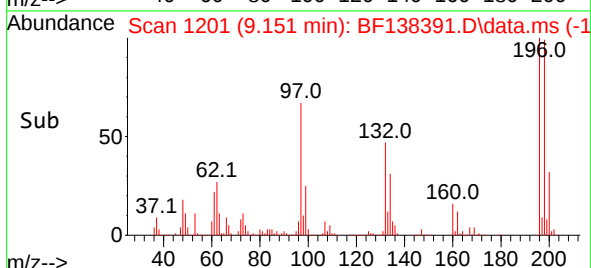
Supervised By :mohammad ahmed 06/29/2024

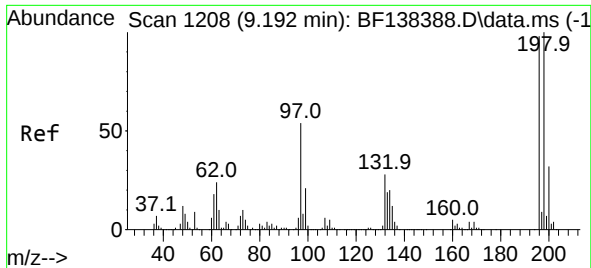


#43  
2,4,6-Trichlorophenol  
Concen: 72.552 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:196 Resp: 491691  
Ion Ratio Lower Upper  
196 100  
198 99.3 81.8 122.8  
200 32.1 26.2 39.4





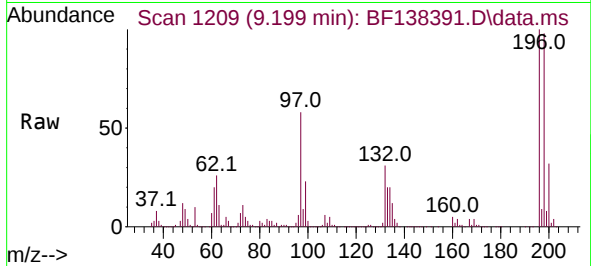
#44  
 2,4,5-Trichlorophenol  
 Concen: 71.701 ng  
 RT: 9.199 min Scan# 1  
 Delta R.T. 0.006 min  
 Lab File: BF138391.D  
 Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



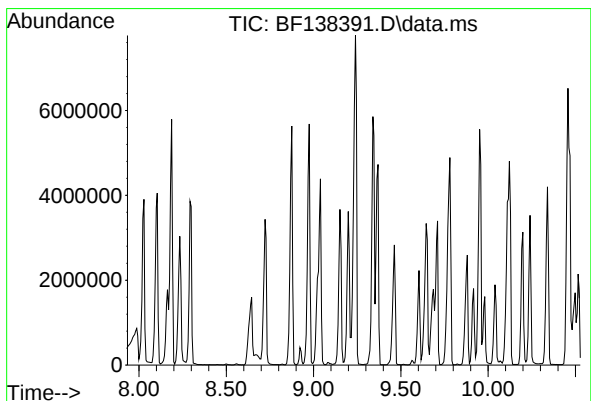
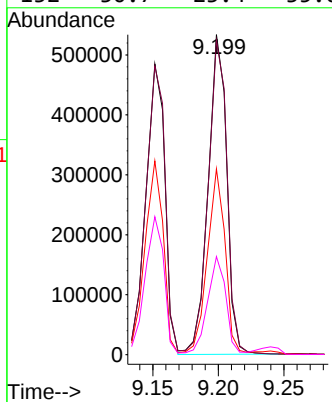
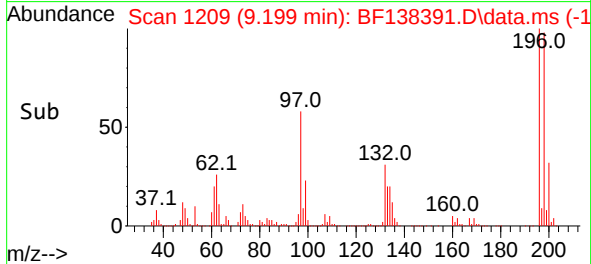
Tgt Ion:196 Resp: 528470  
 Ion Ratio Lower Upper  
 196 100  
 198 98.3 81.8 122.6  
 97 58.0 44.2 66.4  
 132 30.7 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

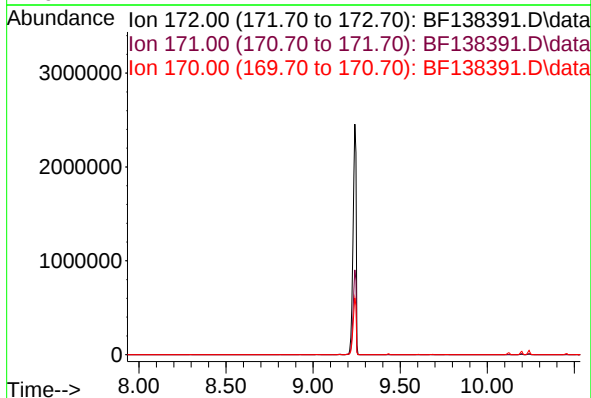
Supervised By :mohammad ahmed 06/29/2024

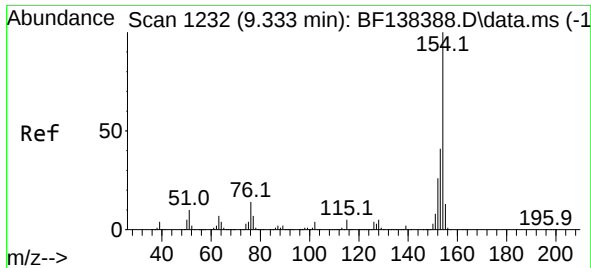


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.23 min

Lab File: BF138391.D  
 Acq: 28 Jun 2024 16:29

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 36.2  
 170 23.8





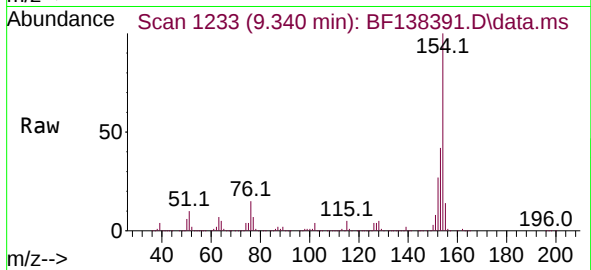
#46  
1,1'-Biphenyl  
Concen: 66.373 ng  
RT: 9.340 min Scan# 1233  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

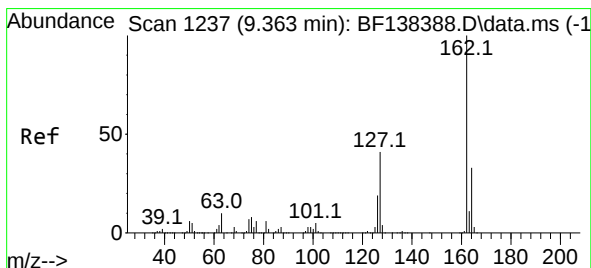
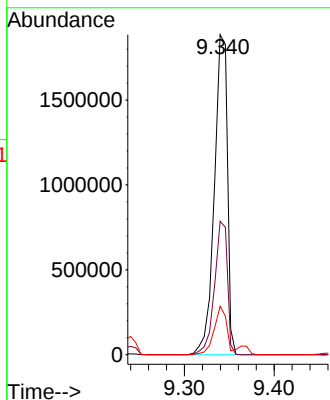
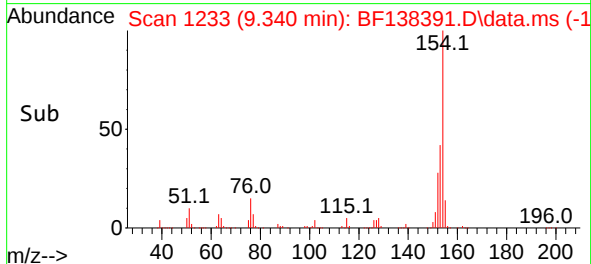


Tgt Ion:154 Resp: 1908249  
Ion Ratio Lower Upper  
154 100  
153 41.6 20.5 60.5  
76 15.1 0.0 34.4

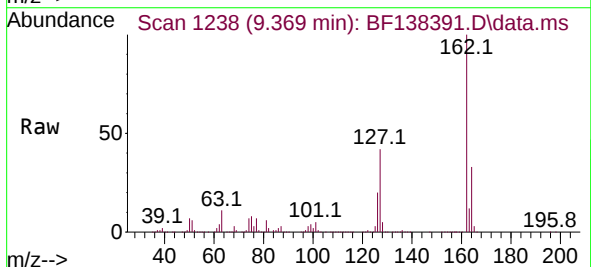
Manual Integrations

APPROVED

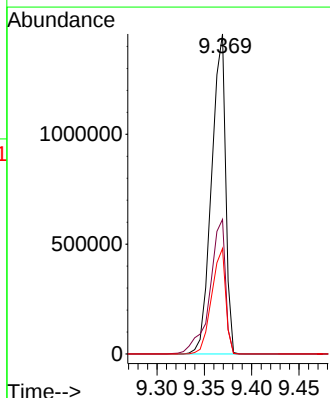
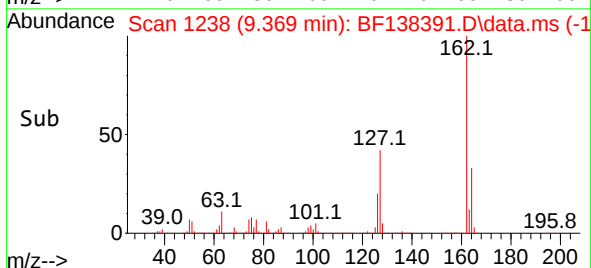
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

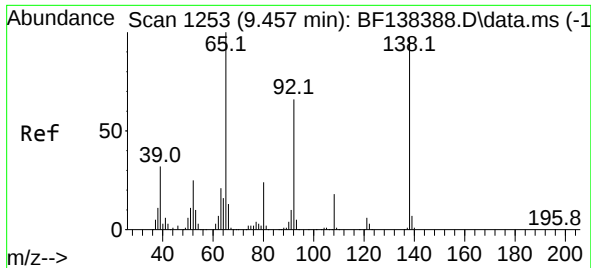


#47  
2-Chloronaphthalene  
Concen: 68.375 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:162 Resp: 1498818  
Ion Ratio Lower Upper  
162 100  
127 42.1 32.7 49.1  
164 32.9 26.6 40.0





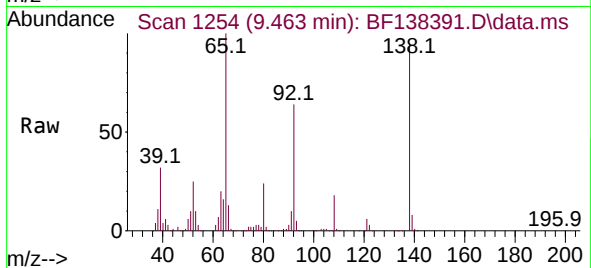
#48  
2-Nitroaniline  
Concen: 76.062 ng  
RT: 9.463 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



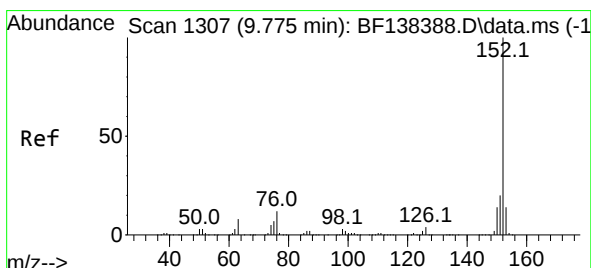
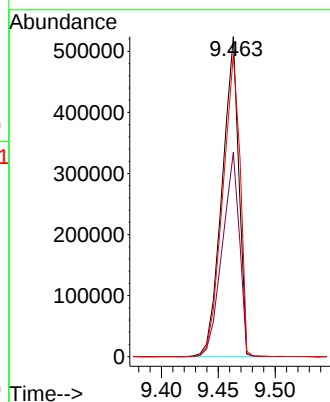
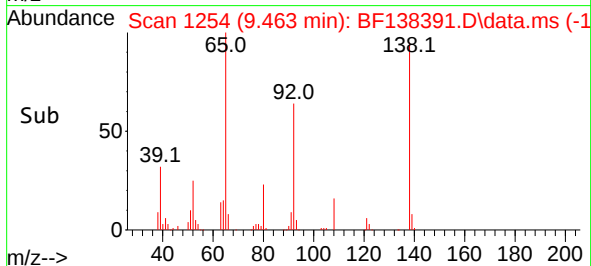
Tgt Ion: 65 Resp: 537829  
Ion Ratio Lower Upper  
65 100  
92 63.8 52.6 79.0  
138 94.5 77.4 116.0

Manual Integrations

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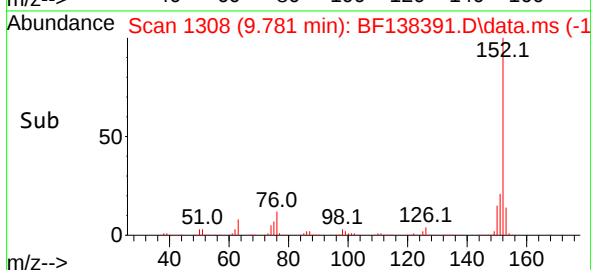
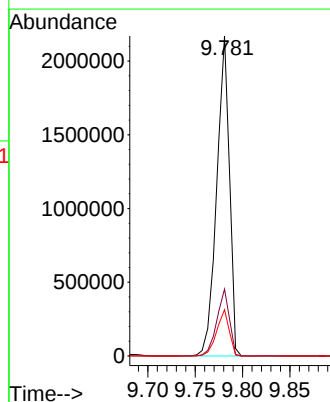
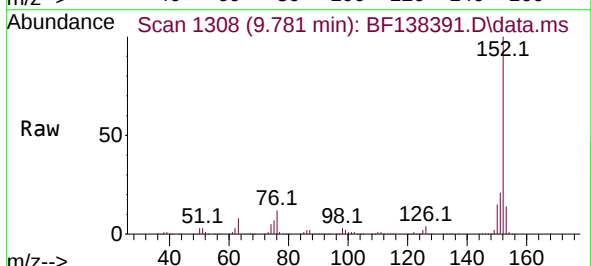
Reviewed By :Yogesh Patel 06/29/2024

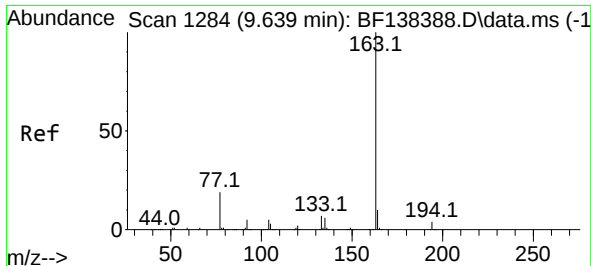
Supervised By :mohammad ahmed 06/29/2024



#49  
Acenaphthylene  
Concen: 65.845 ng  
RT: 9.781 min Scan# 1308  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:152 Resp: 2029919  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.2 24.4  
153 14.4 11.4 17.2





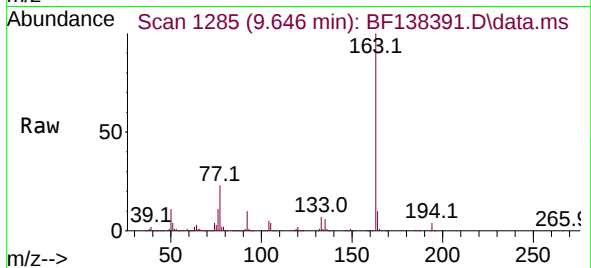
#50  
Dimethylphthalate  
Concen: 71.756 ng  
RT: 9.646 min Scan# 1285  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

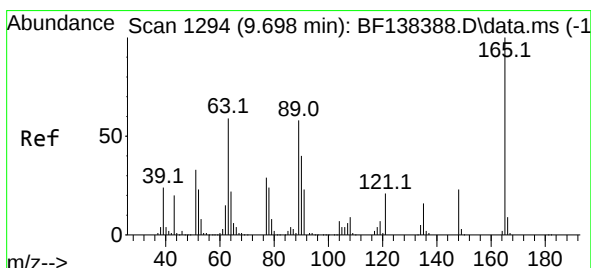
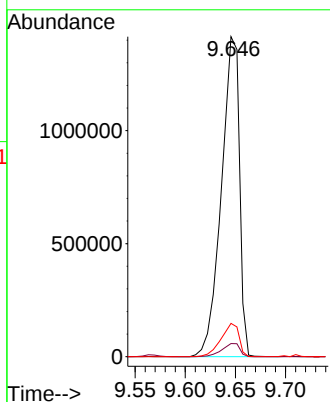
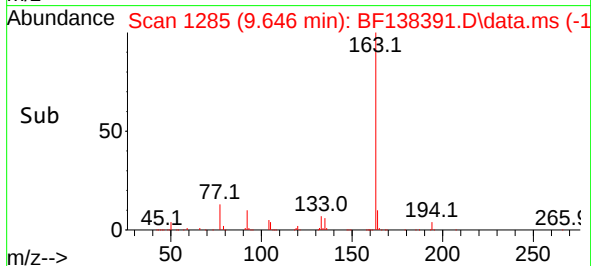


Tgt Ion:163 Resp: 1775700  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.5 5.3  
164 10.4 8.2 12.4

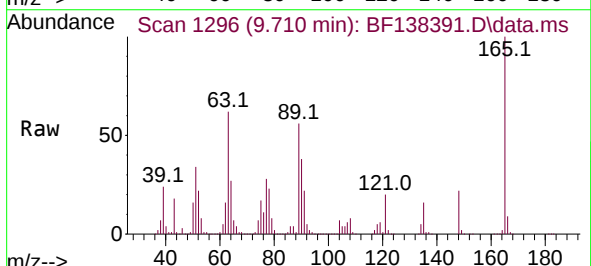
Manual Integrations

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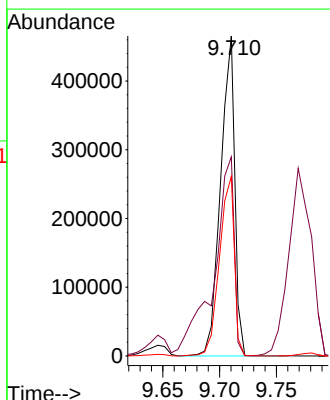
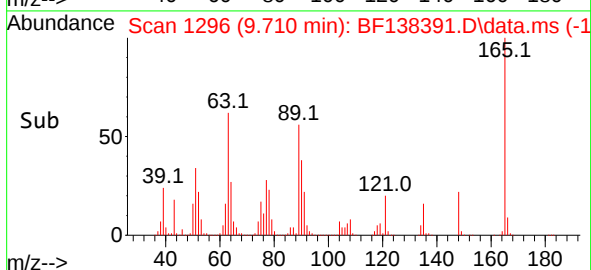
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

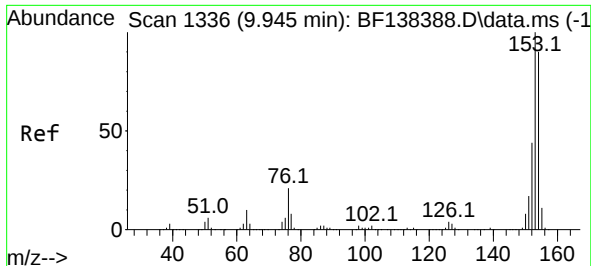


#51  
2,6-Dinitrotoluene  
Concen: 73.028 ng  
RT: 9.710 min Scan# 1296  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:165 Resp: 404746  
Ion Ratio Lower Upper  
165 100  
63 62.2 53.8 80.8  
89 56.1 46.4 69.6





#52

Acenaphthene

Concen: 69.296 ng m

RT: 9.951 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 146280

Ion Ratio Lower Upper

154 100

153 112.1 89.4 134.0

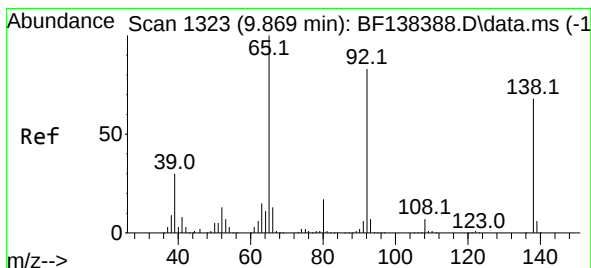
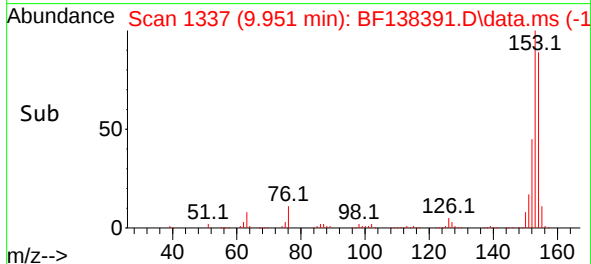
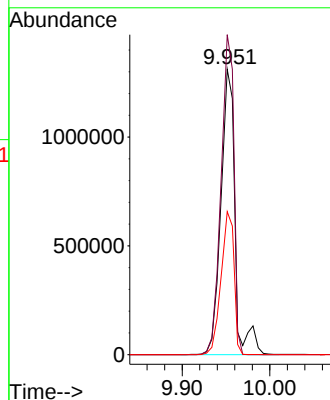
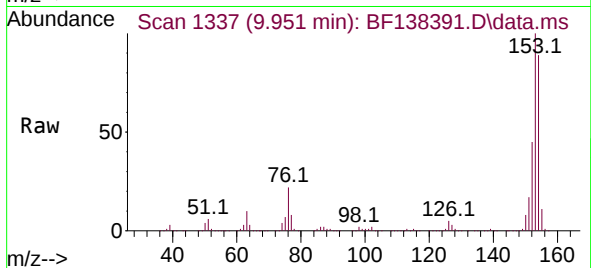
152 50.1 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#53

3-Nitroaniline

Concen: 73.242 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.012 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

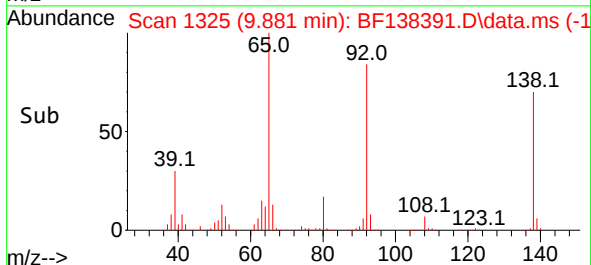
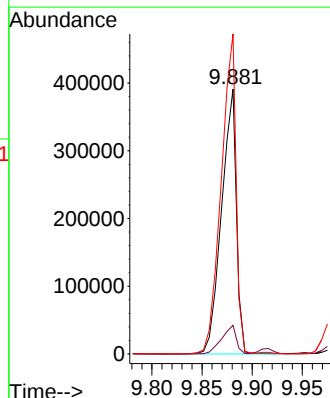
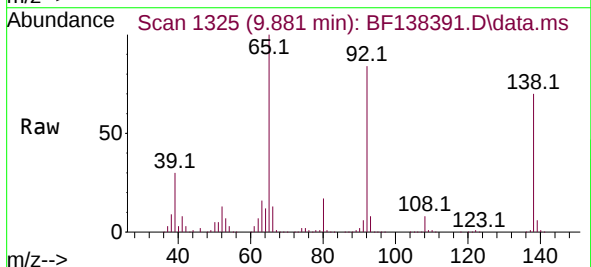
Tgt Ion:138 Resp: 400916

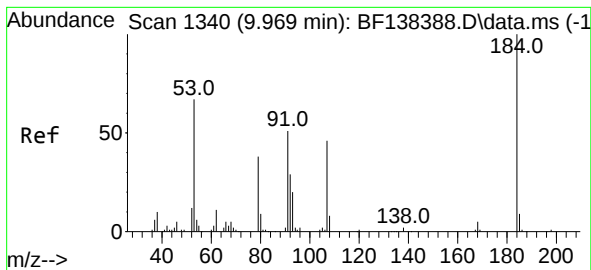
Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

92 120.9 97.3 145.9





#54  
2,4-Dinitrophenol  
Concen: 80.298 ng  
RT: 9.981 min Scan# 1342  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

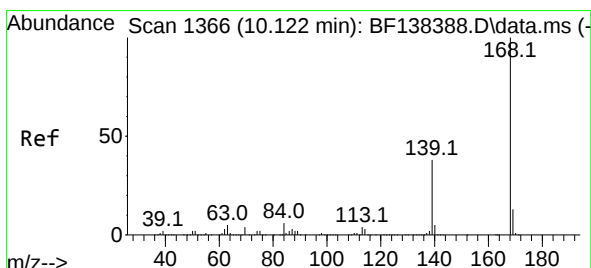
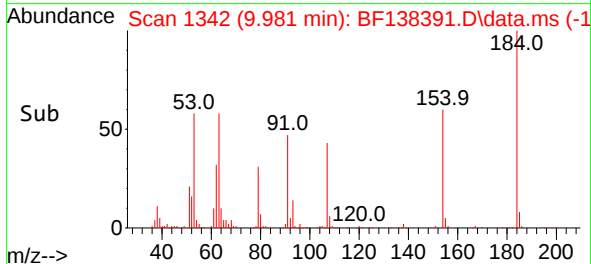
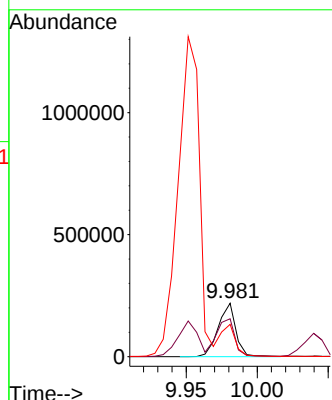
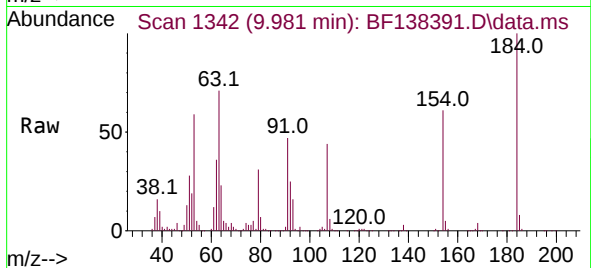
SSTDICC080

Tgt Ion:184 Resp: 188329  
Ion Ratio Lower Upper  
184 100  
63 71.0 67.3 100.9  
154 60.5 51.0 76.4

Manual Integrations

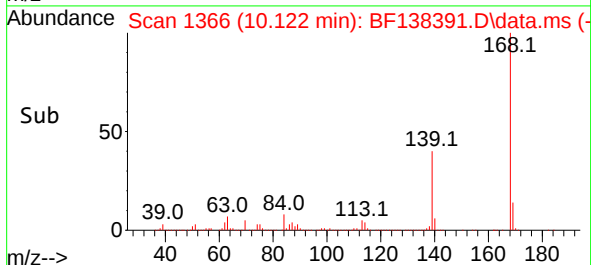
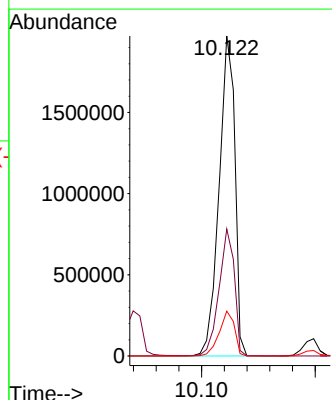
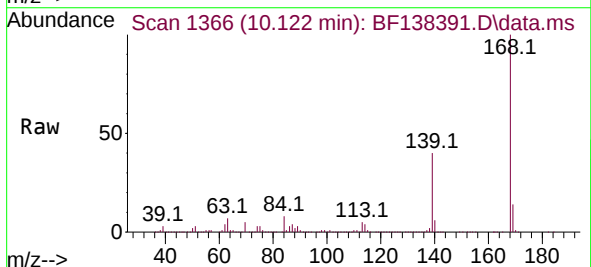
APPROVED

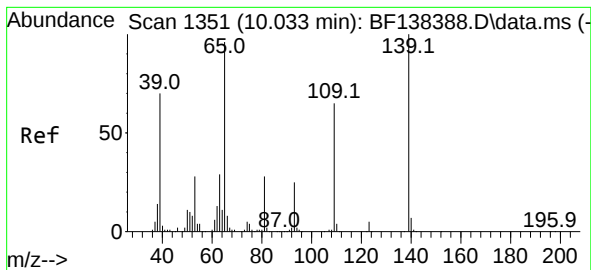
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#55  
Dibenzofuran  
Concen: 65.612 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:168 Resp: 1908320  
Ion Ratio Lower Upper  
168 100  
139 39.7 30.4 45.6  
169 14.0 10.7 16.1





#56  
4-Nitrophenol  
Concen: 81.799 ng  
RT: 10.040 min Scan# 1351  
Delta R.T. 0.007 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

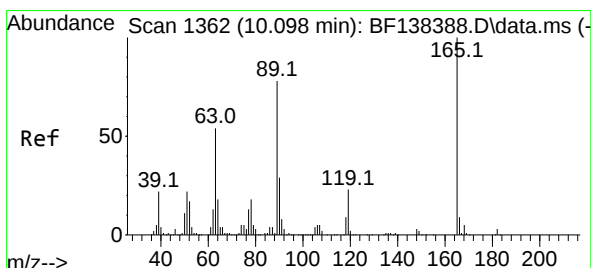
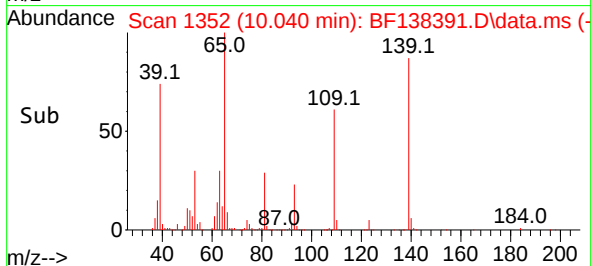
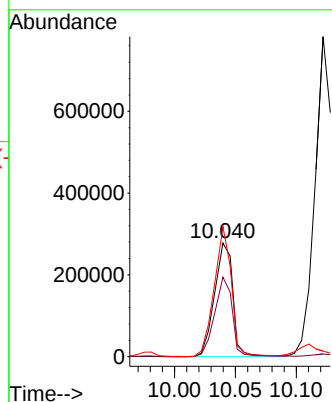
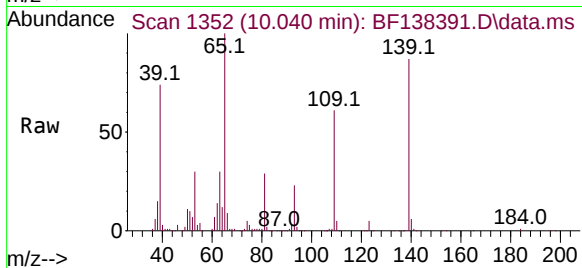
SSTDICC080

Tgt Ion:139 Resp: 290312  
Ion Ratio Lower Upper  
139 100  
109 70.0 44.6 84.6  
65 114.4 75.9 115.9

Manual Integrations

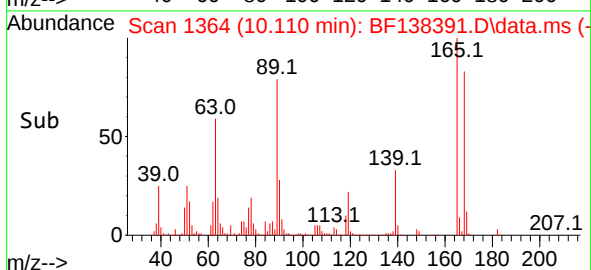
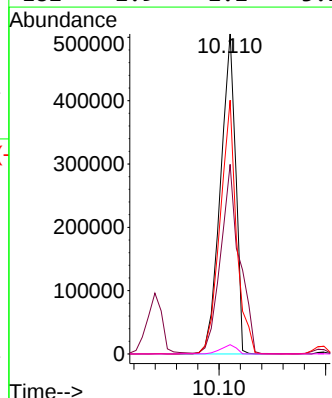
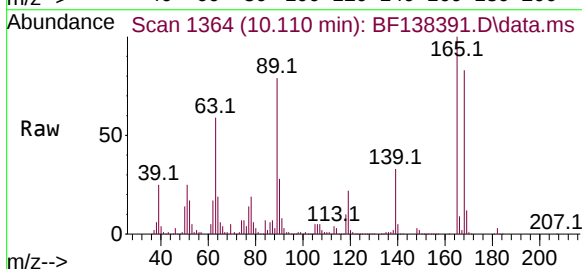
APPROVED

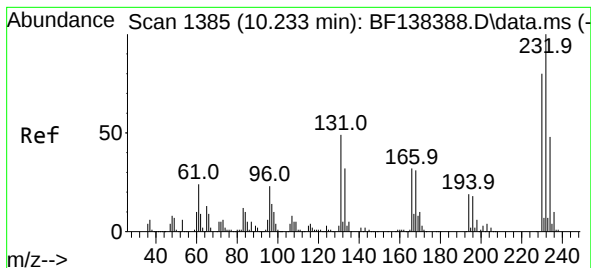
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#57  
2,4-Dinitrotoluene  
Concen: 73.028 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

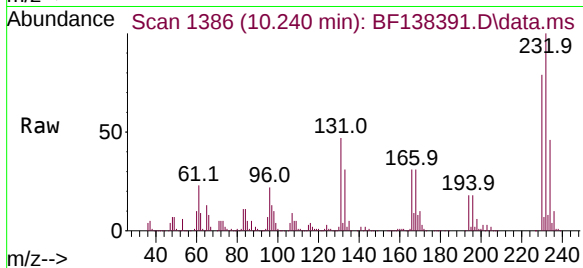
Tgt Ion:165 Resp: 498354  
Ion Ratio Lower Upper  
165 100  
63 59.3 43.4 65.2  
89 79.3 62.6 93.8  
182 2.9 2.2 3.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 73.811 ng  
RT: 10.240 min Scan# 1385  
Delta R.T. 0.007 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

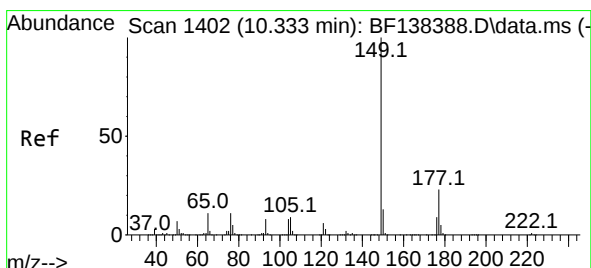
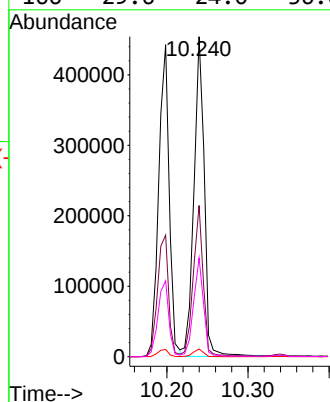
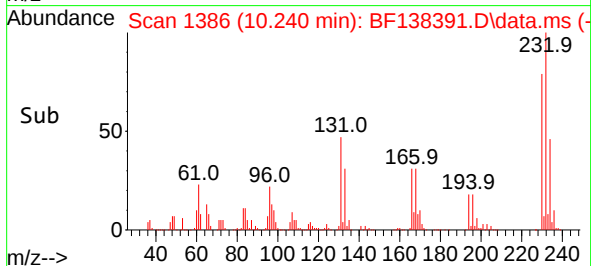
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:232 Resp: 404071  
Ion Ratio Lower Upper  
232 100  
131 45.4 36.6 55.0  
130 2.4 1.8 2.8  
166 29.6 24.0 36.0

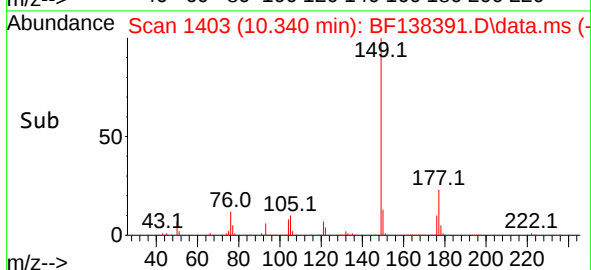
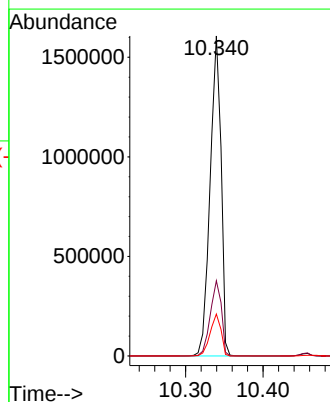
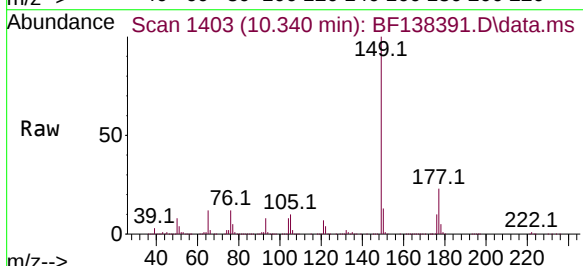
Manual Integrations  
APPROVED

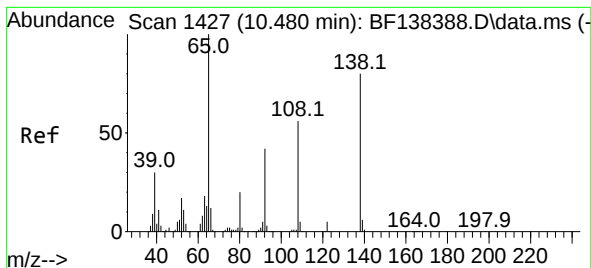
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#60  
Diethylphthalate  
Concen: 68.105 ng  
RT: 10.340 min Scan# 1403  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:149 Resp: 1575739  
Ion Ratio Lower Upper  
149 100  
177 23.5 18.4 27.6  
150 13.1 10.2 15.2





#62  
4-Nitroaniline  
Concen: 75.560 ng  
RT: 10.498 min Scan# 1427  
Delta R.T. 0.018 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

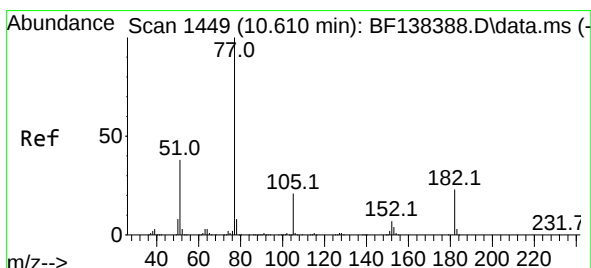
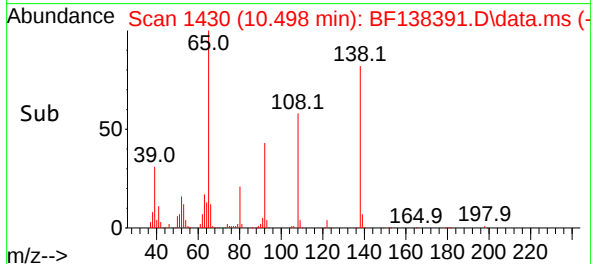
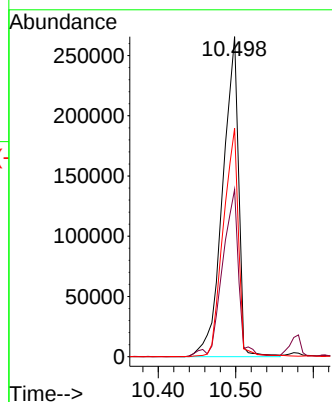
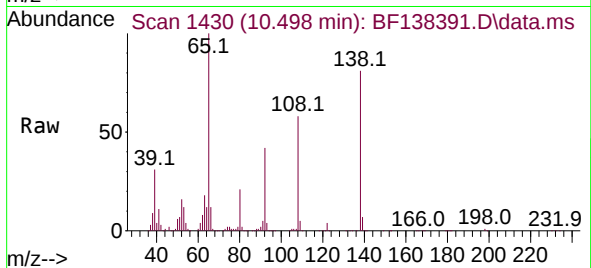
SSTDICC080

Tgt Ion:138 Resp: 379630  
Ion Ratio Lower Upper  
138 100  
92 52.3 32.6 72.6  
108 71.3 50.3 90.3

Manual Integrations

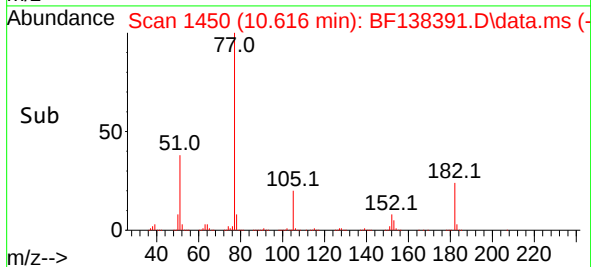
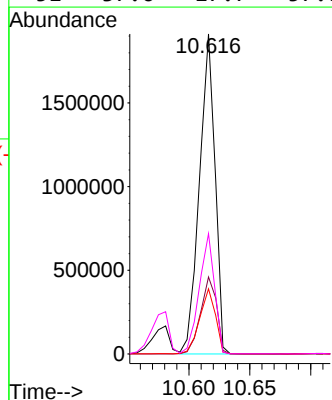
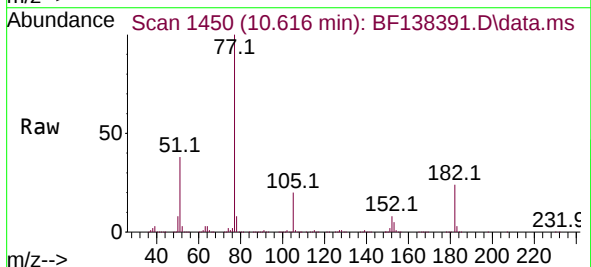
APPROVED

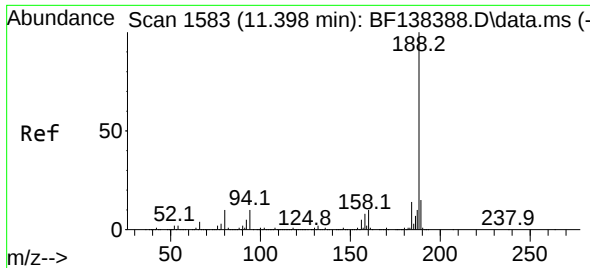
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#63  
Azobenzene  
Concen: 69.775 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion: 77 Resp: 1704897  
Ion Ratio Lower Upper  
77 100  
182 24.1 2.7 42.7  
105 20.4 0.6 40.6  
51 37.6 17.7 57.7





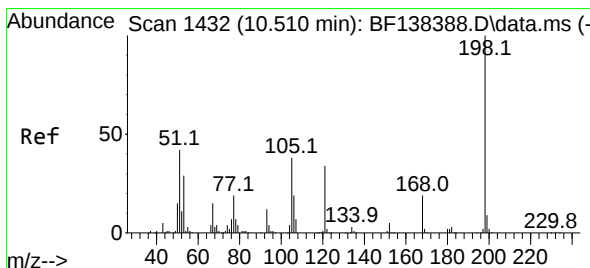
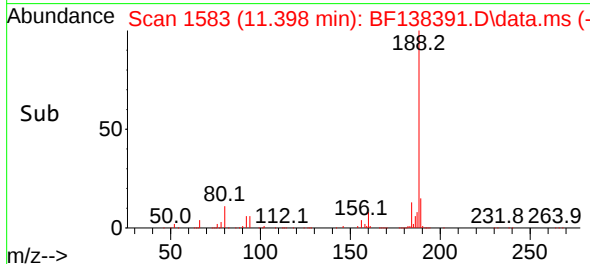
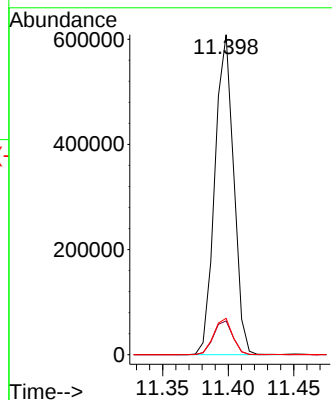
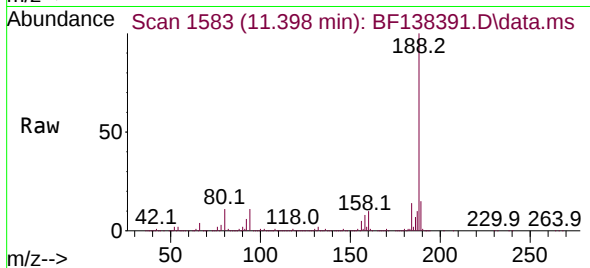
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:188 Resp: 605964  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.0 12.0  
80 11.3 8.2 12.4

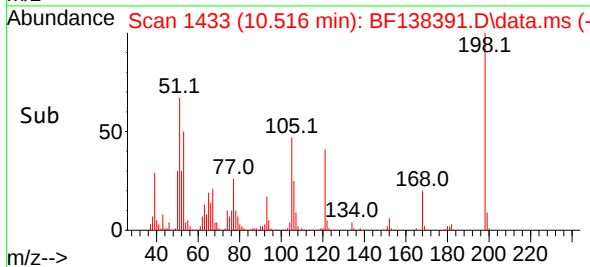
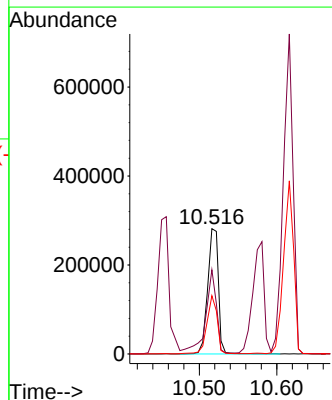
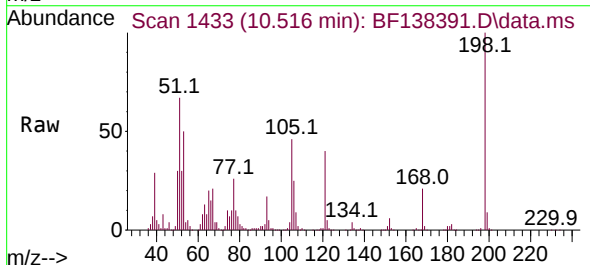
Manual Integrations  
APPROVED

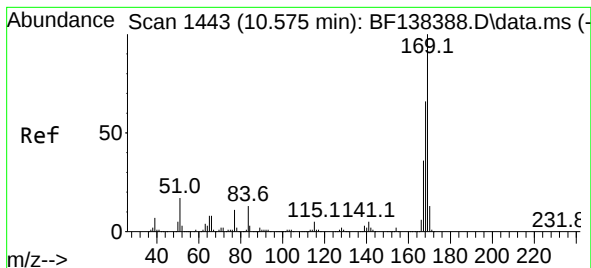
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#65  
4,6-Dinitro-2-methylphenol  
Concen: 78.942 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

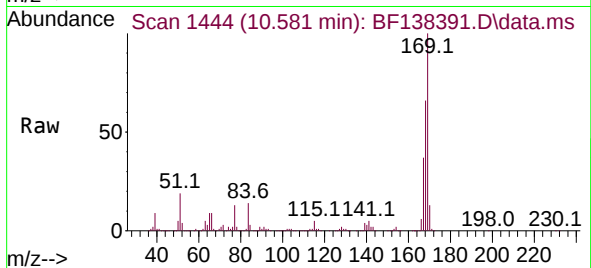
Tgt Ion:198 Resp: 269931  
Ion Ratio Lower Upper  
198 100  
51 67.1 27.9 67.9  
105 46.4 18.2 58.2





#66  
n-Nitrosodiphenylamine  
Concen: 68.596 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

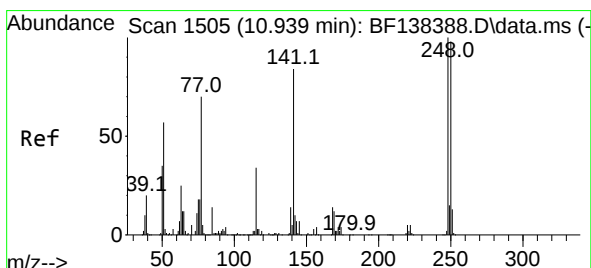
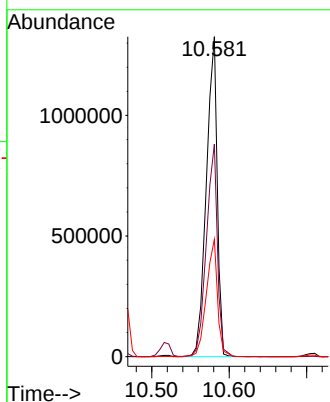
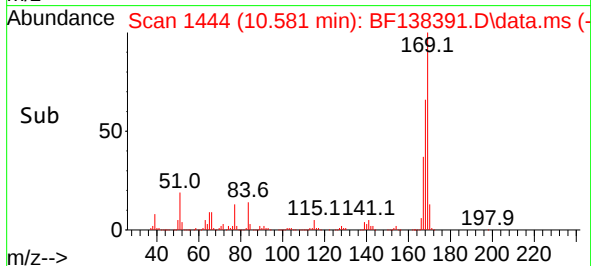
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:169 Resp: 1290430  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.5 78.7  
167 36.6 28.8 43.2

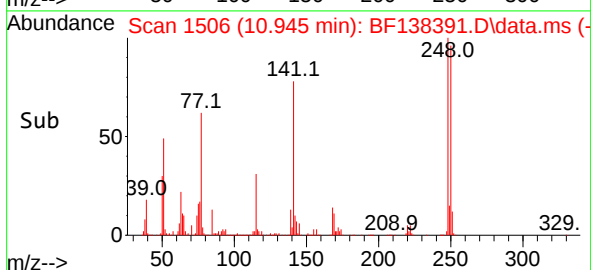
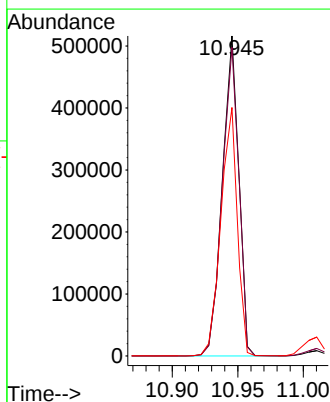
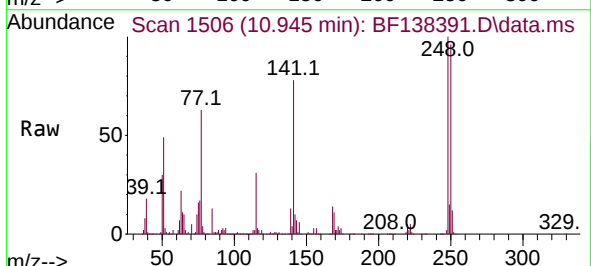
Manual Integrations  
APPROVED

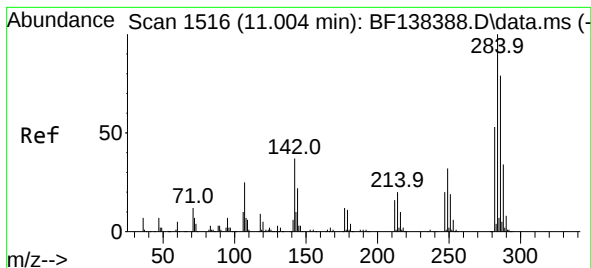
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#67  
4-Bromophenyl-phenylether  
Concen: 69.088 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:248 Resp: 449994  
Ion Ratio Lower Upper  
248 100  
250 96.4 78.2 117.4  
141 77.7 67.6 101.4





#68

Hexachlorobenzene

Concen: 68.393 ng

RT: 11.010 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

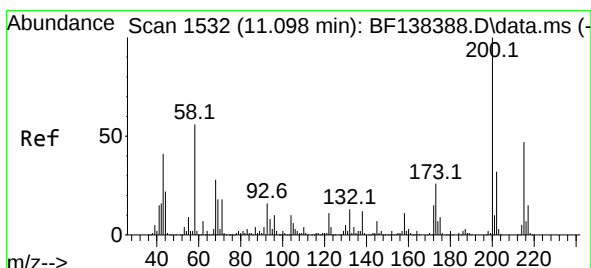
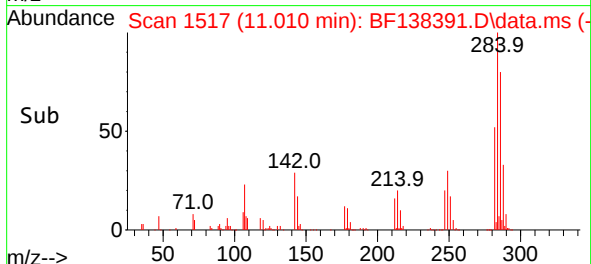
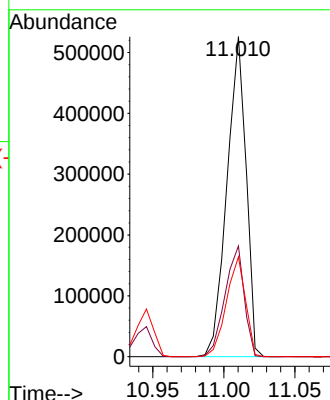
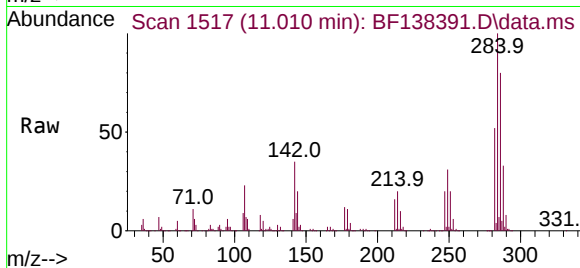
SSTDICC080

|             |                |
|-------------|----------------|
| Tgt Ion:284 | Resp: 490993   |
| Ion Ratio   | Lower Upper    |
| 284         | 100            |
| 142         | 34.6 29.2 43.8 |
| 249         | 31.2 25.8 38.6 |

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#69

Atrazine

Concen: 63.338 ng

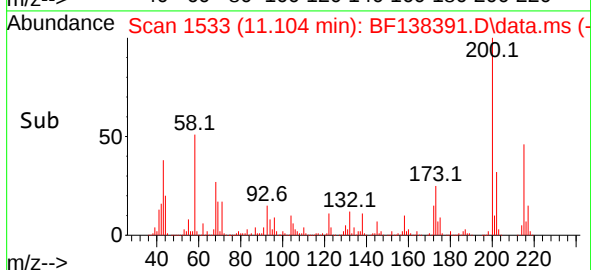
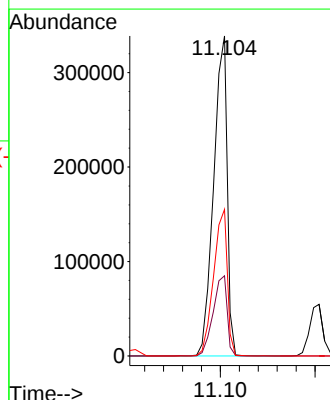
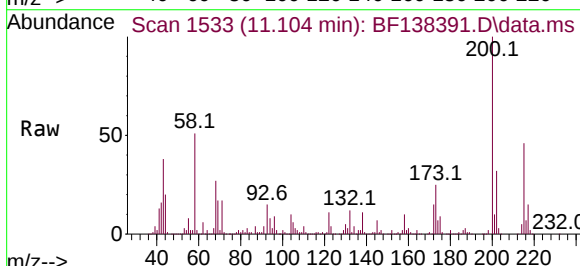
RT: 11.104 min Scan# 1533

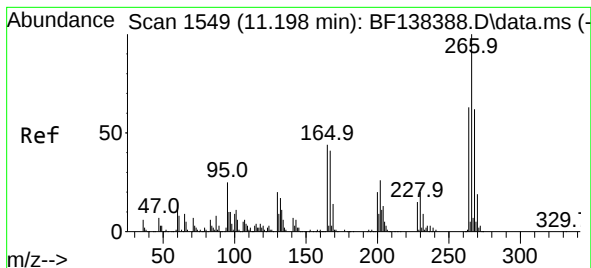
Delta R.T. 0.006 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

|             |                |
|-------------|----------------|
| Tgt Ion:200 | Resp: 334080   |
| Ion Ratio   | Lower Upper    |
| 200         | 100            |
| 173         | 25.0 6.2 46.2  |
| 215         | 45.8 27.4 67.4 |





#70

Pentachlorophenol

Concen: 82.292 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138391.D

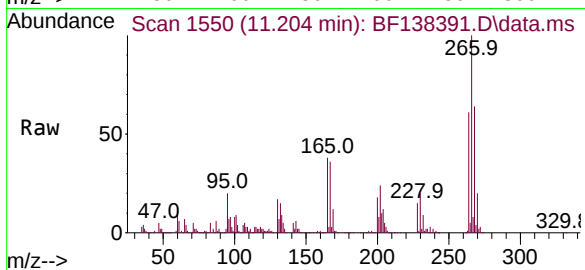
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:266 Resp: 299100

Ion Ratio Lower Upper

266 100

268 63.9 49.9 74.9

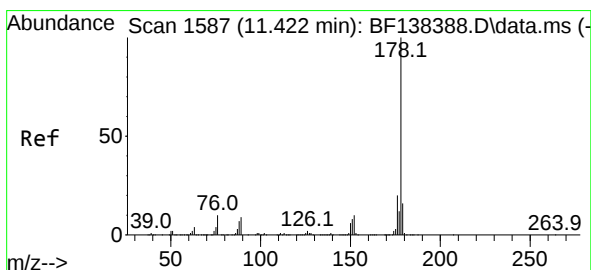
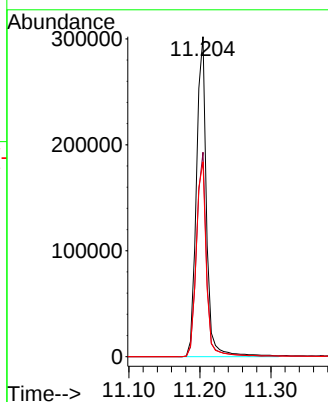
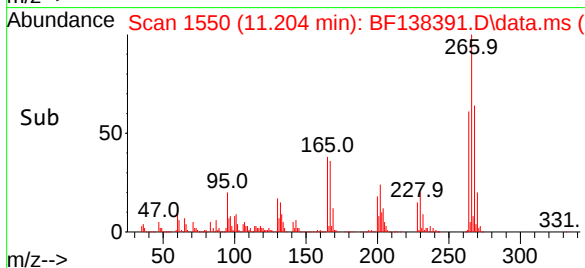
264 60.9 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#71

Phenanthrene

Concen: 66.876 ng

RT: 11.428 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

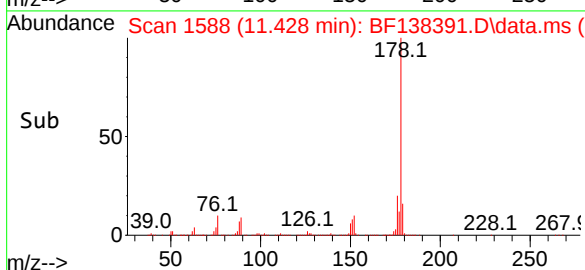
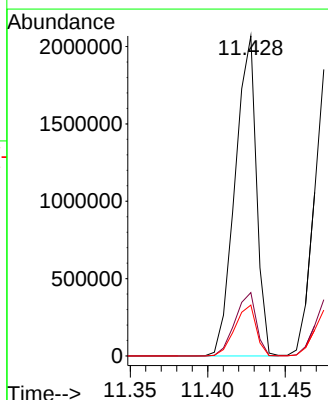
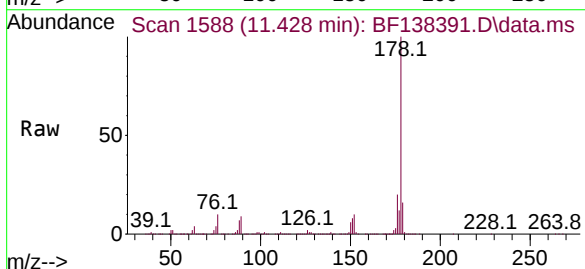
Tgt Ion:178 Resp: 1978595

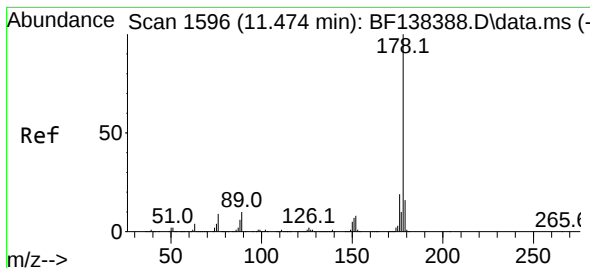
Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

179 15.9 12.6 18.8





#72

Anthracene

Concen: 67.564 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.007 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 199347

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.6

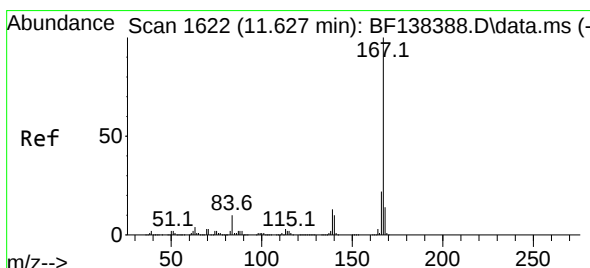
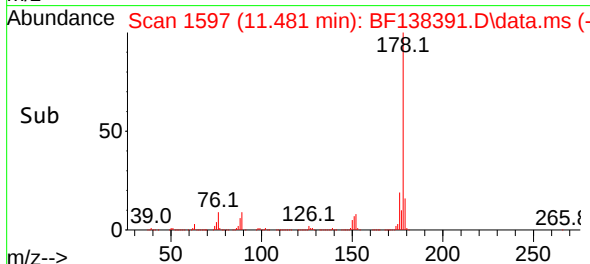
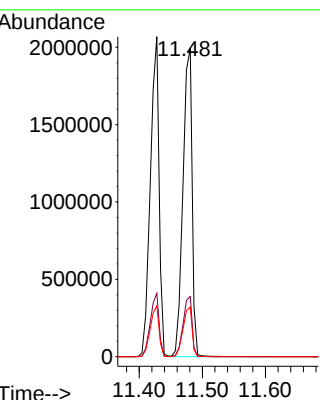
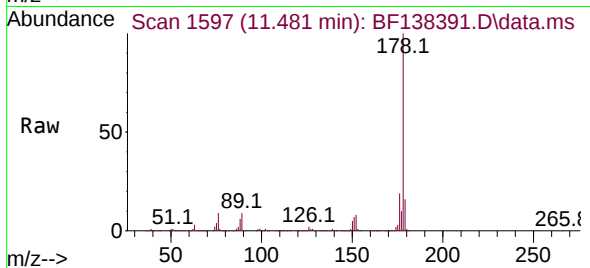
179 16.1 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#73

Carbazole

Concen: 67.293 ng

RT: 11.634 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

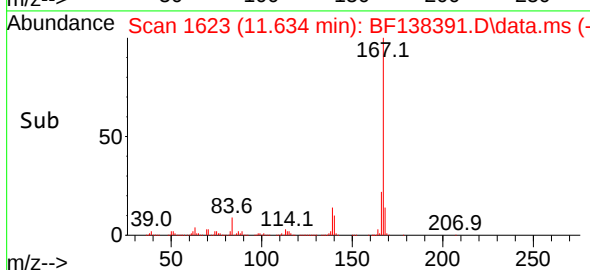
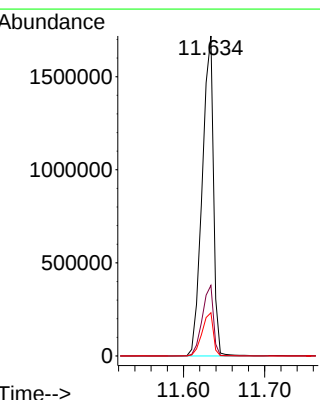
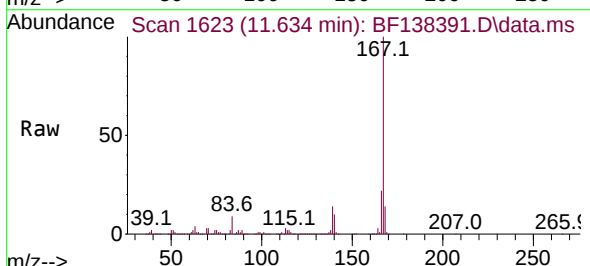
Tgt Ion:167 Resp: 1648353

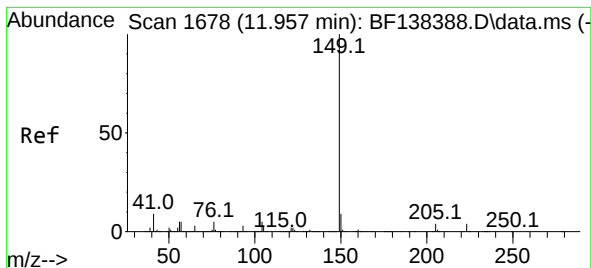
Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

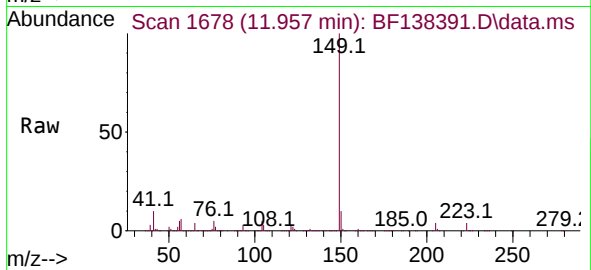
139 13.5 10.7 16.1





#74  
Di-n-butylphthalate  
Concen: 68.982 ng  
RT: 11.957 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

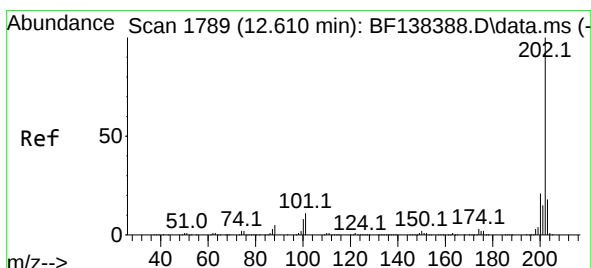
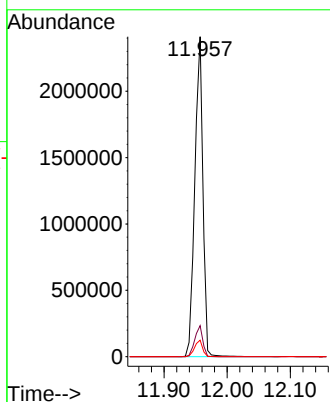
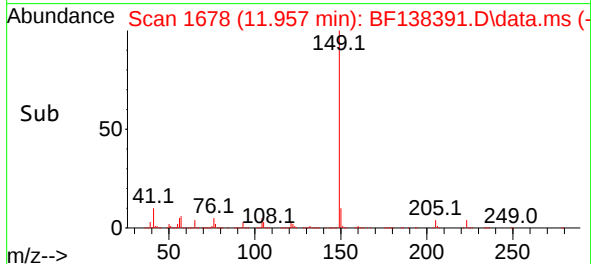
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



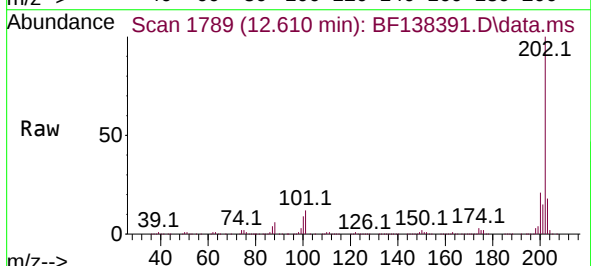
Tgt Ion:149 Resp: 214142  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.4 11.2  
104 5.1 3.8 5.8

Manual Integrations  
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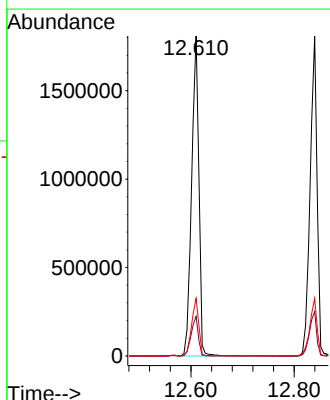
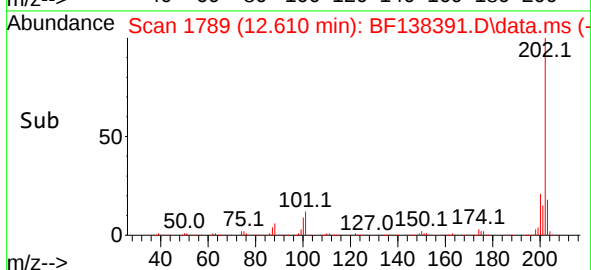
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

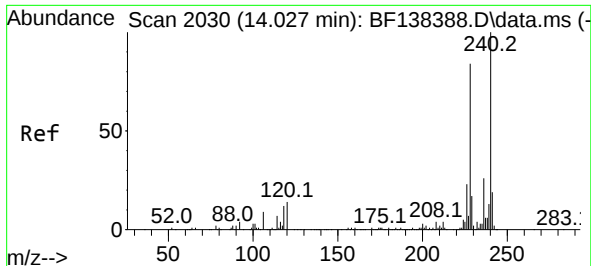


#75  
Fluoranthene  
Concen: 66.178 ng  
RT: 12.610 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:202 Resp: 1755322  
Ion Ratio Lower Upper  
202 100  
101 12.3 0.0 30.5  
203 18.0 0.0 37.6





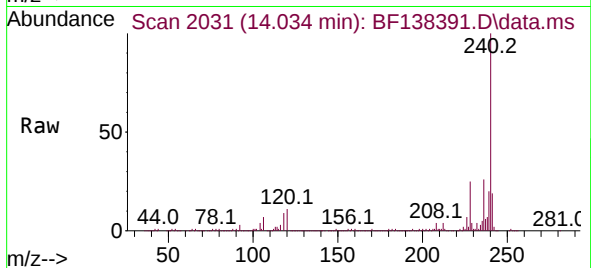
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.034 min Scan# 2030  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

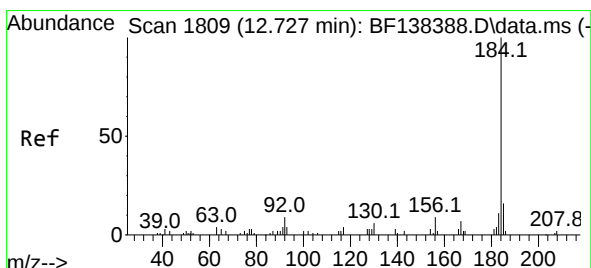
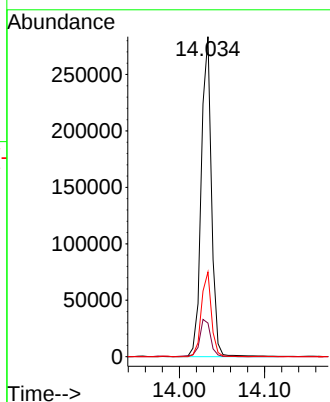
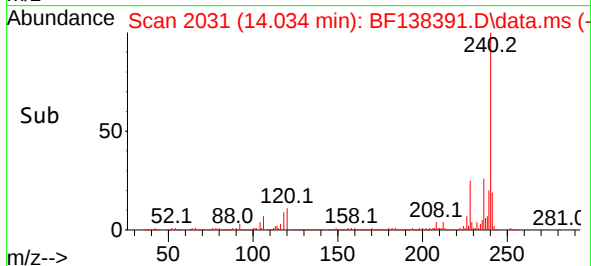


Tgt Ion:240 Resp: 236415  
Ion Ratio Lower Upper  
240 100  
120 10.5 10.9 16.3  
236 26.5 20.6 30.8

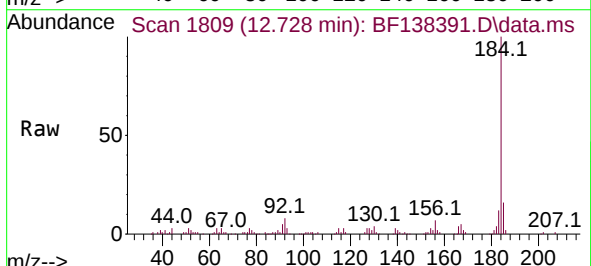
Manual Integrations

APPROVED

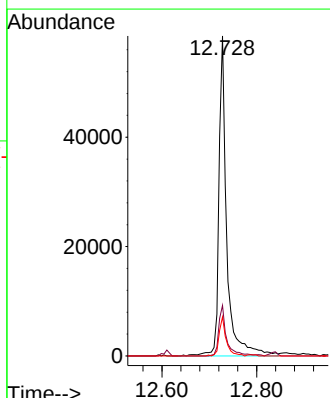
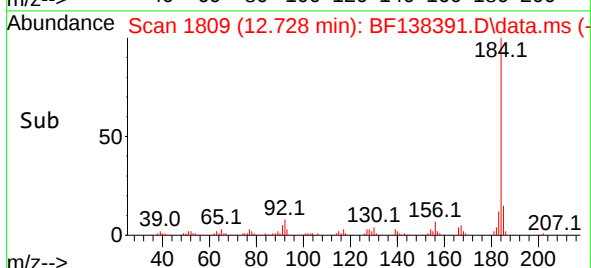
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

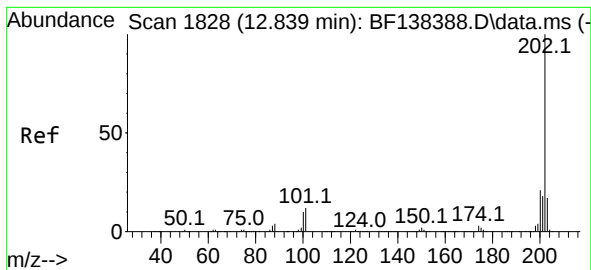


#77  
Benzidine  
Concen: 35.607 ng  
RT: 12.728 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



Tgt Ion:184 Resp: 67315  
Ion Ratio Lower Upper  
184 100  
185 15.8 13.0 19.4  
183 12.2 9.0 13.6





#78

Pyrene

Concen: 67.312 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 1700864

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

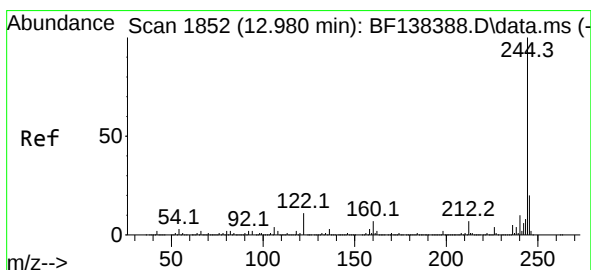
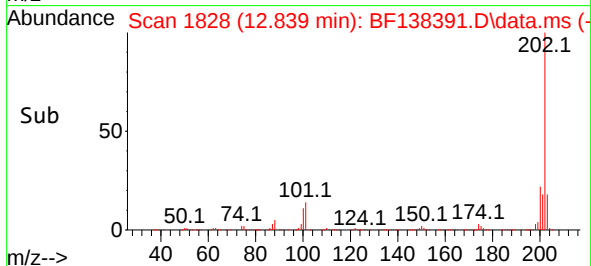
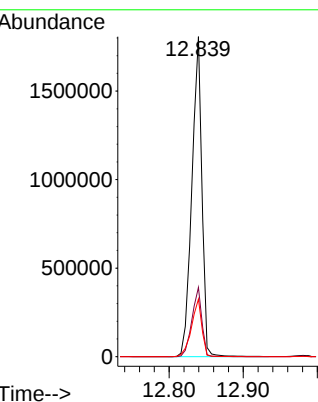
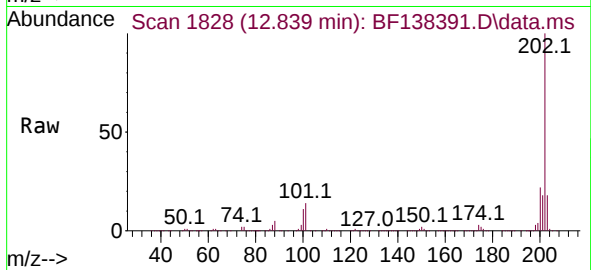
203 18.0 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#79

Terphenyl-d14

Concen: 130.402 ng

RT: 12.981 min Scan# 1852

Delta R.T. 0.001 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

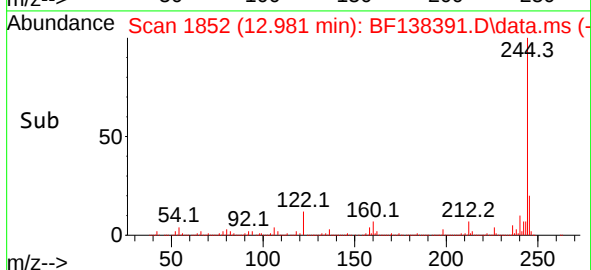
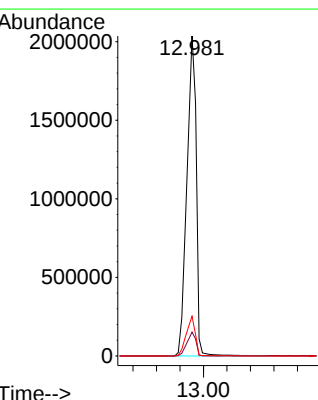
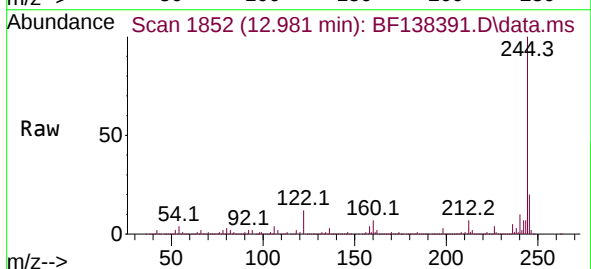
Tgt Ion:244 Resp: 2249642

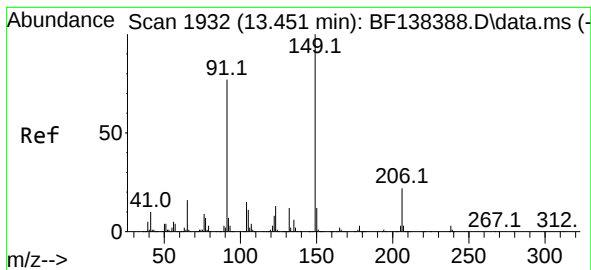
Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 12.4 9.0 13.4





#80  
Butylbenzylphthalate  
Concen: 73.419 ng  
RT: 13.451 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

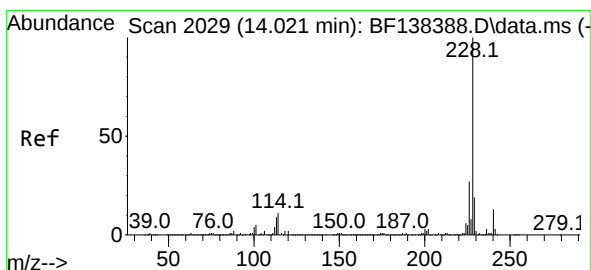
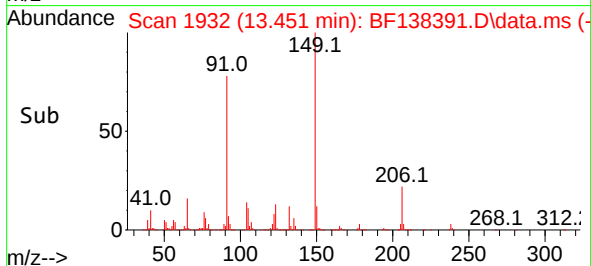
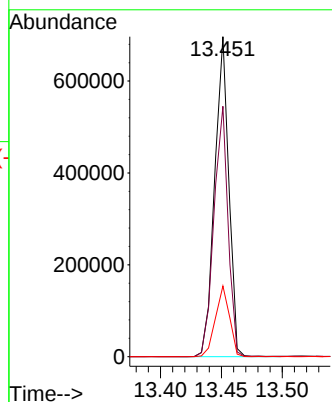
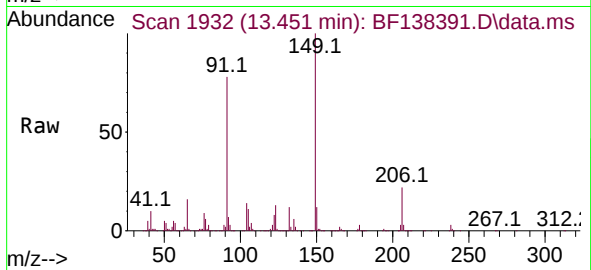
SSTDICC080

Tgt Ion:149 Resp: 56452  
Ion Ratio Lower Upper  
149 100  
91 78.2 62.0 93.0  
206 22.1 17.6 26.4

Manual Integrations

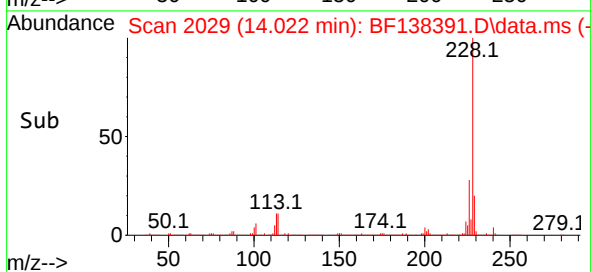
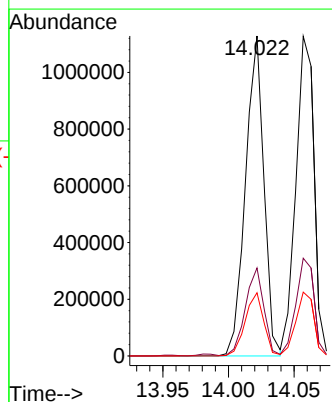
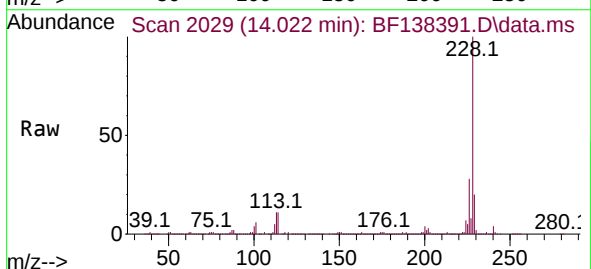
APPROVED

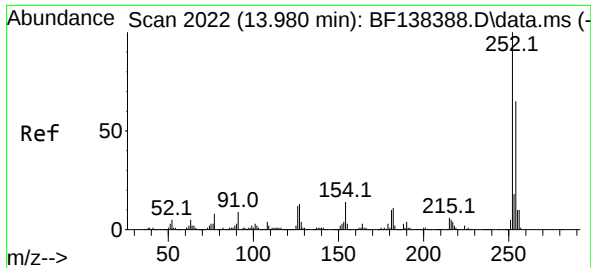
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#81  
Benzo(a)anthracene  
Concen: 72.453 ng  
RT: 14.022 min Scan# 2029  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:228 Resp: 1102532  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.7 32.5  
229 19.8 15.5 23.3





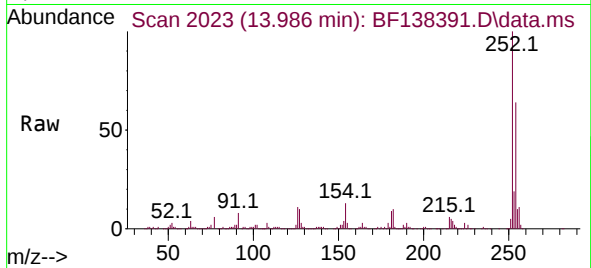
#82  
3,3'-Dichlorobenzidine  
Concen: 73.595 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

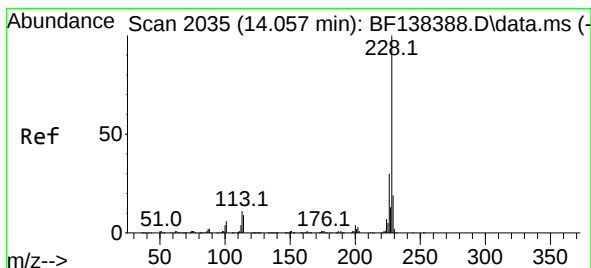
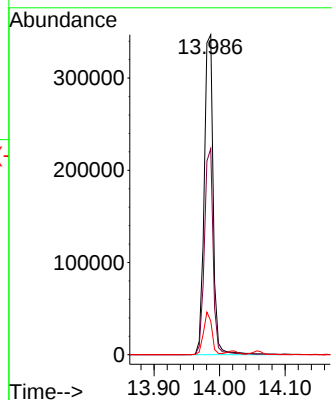
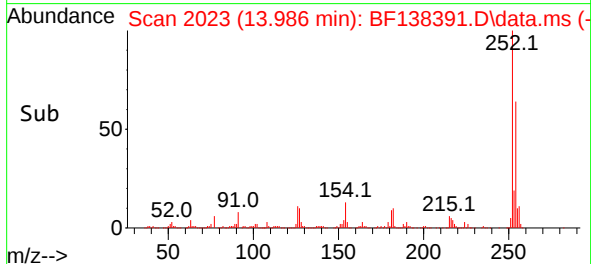


Tgt Ion:252 Resp: 33064  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.8 77.6  
126 10.5 9.5 14.3

Manual Integrations

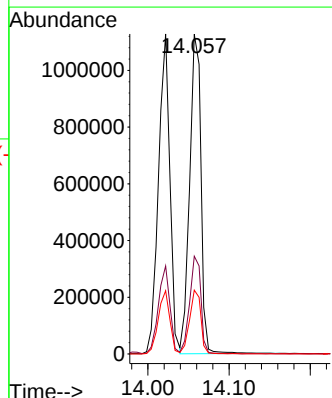
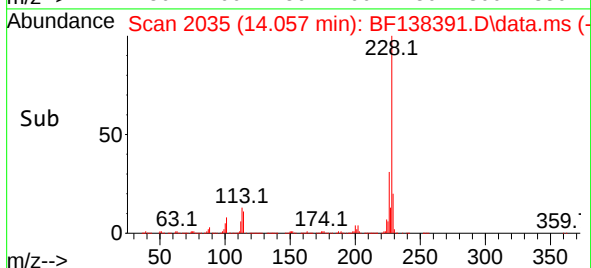
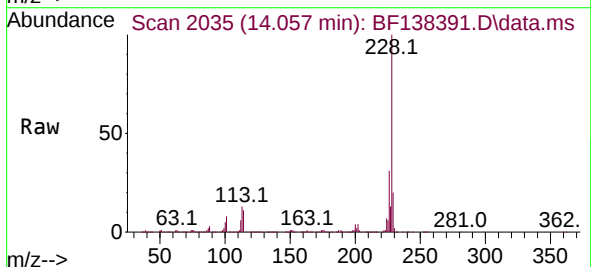
APPROVED

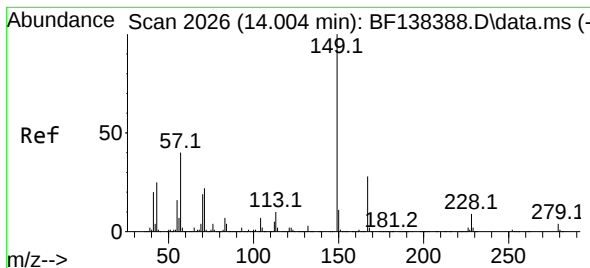
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#83  
Chrysene  
Concen: 73.751 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

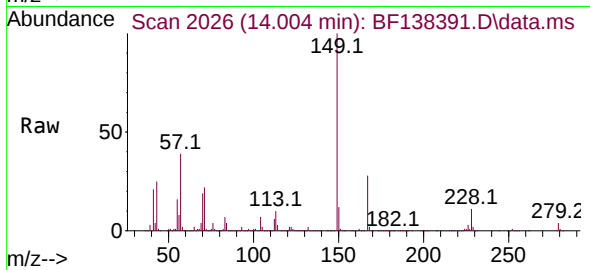
Tgt Ion:228 Resp: 1092048  
Ion Ratio Lower Upper  
228 100  
226 30.6 23.8 35.6  
229 20.0 15.2 22.8





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 73.993 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

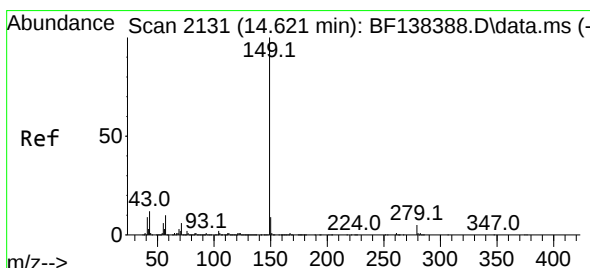
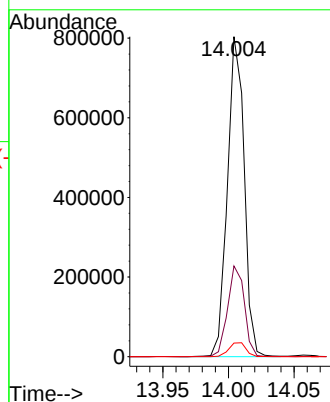
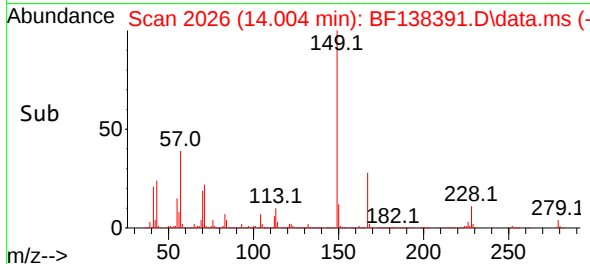
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 71348  
Ion Ratio Lower Upper  
149 100  
167 28.4 22.6 33.8  
279 4.2 3.2 4.8

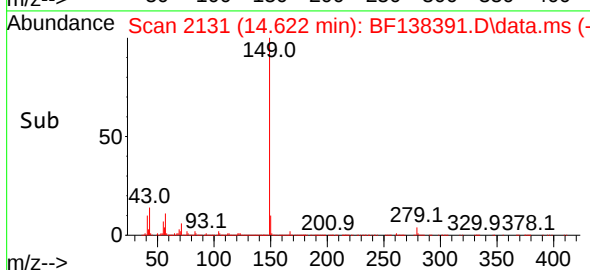
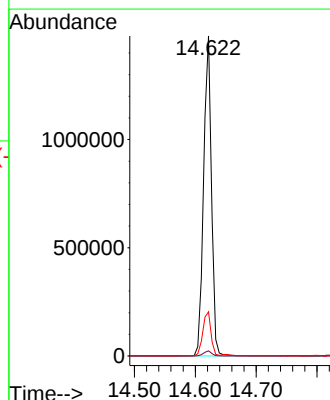
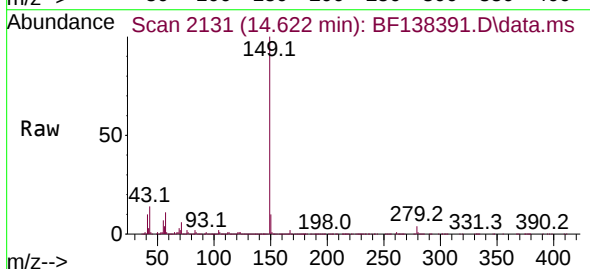
Manual Integrations  
APPROVED

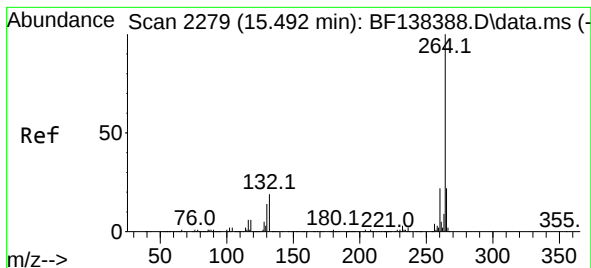
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024



#85  
Di-n-octyl phthalate  
Concen: 77.938 ng  
RT: 14.622 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

Tgt Ion:149 Resp: 1315444  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 14.3 10.9 16.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:264 Resp: 316299

Ion Ratio Lower Upper

264 100

260 23.5 17.8 26.6

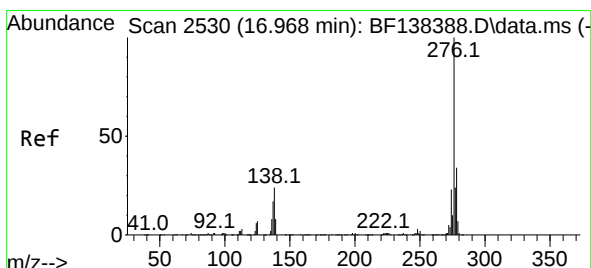
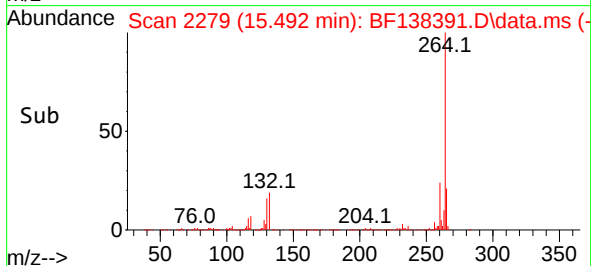
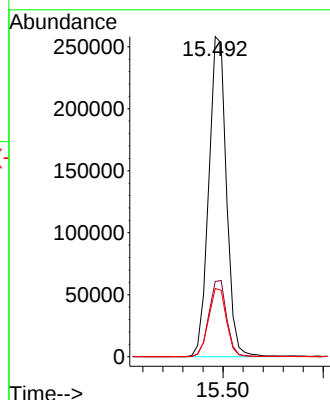
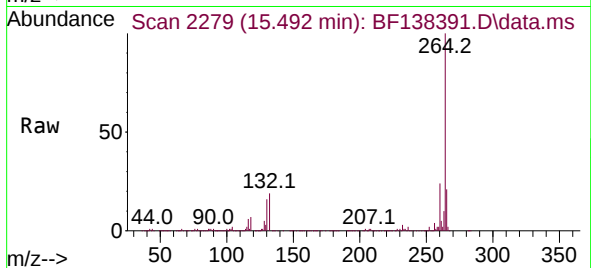
265 21.3 17.5 26.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 82.070 ng

RT: 16.980 min Scan# 2532

Delta R.T. 0.012 min

Lab File: BF138391.D

Acq: 28 Jun 2024 16:29

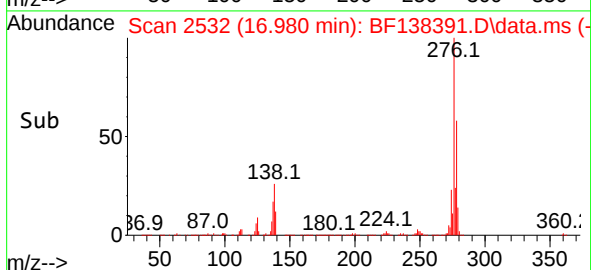
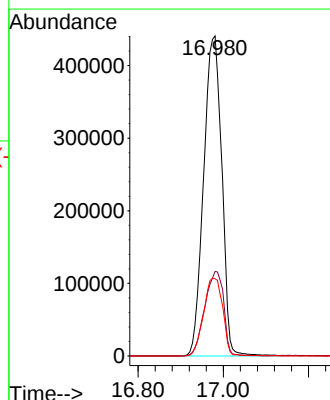
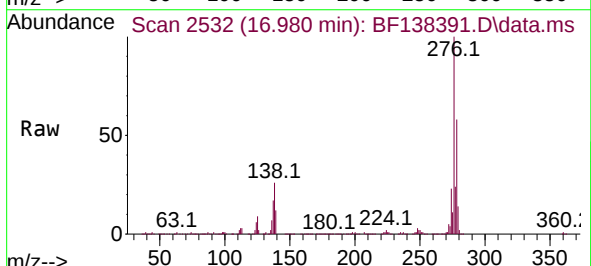
Tgt Ion:276 Resp: 1304307

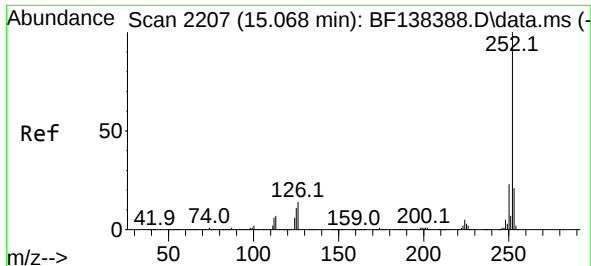
Ion Ratio Lower Upper

276 100

138 27.5 22.1 33.1

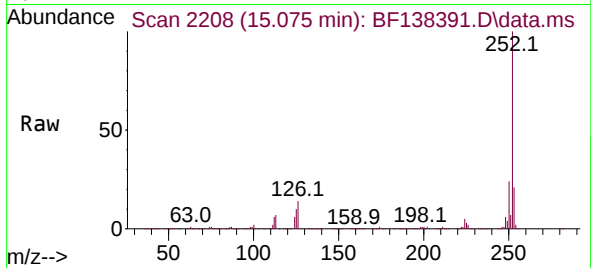
277 25.5 20.4 30.6





#88  
Benzo(b)fluoranthene  
Concen: 74.547 ng  
RT: 15.075 min Scan# 2113  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

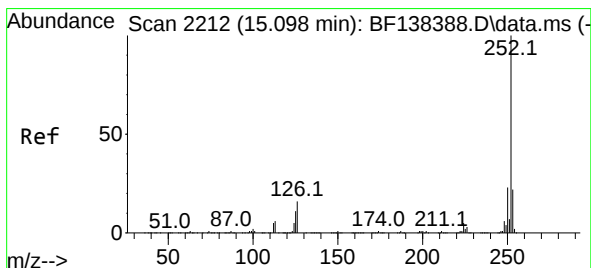
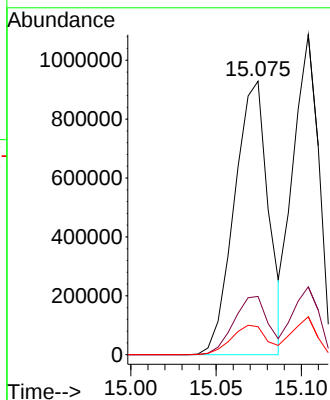
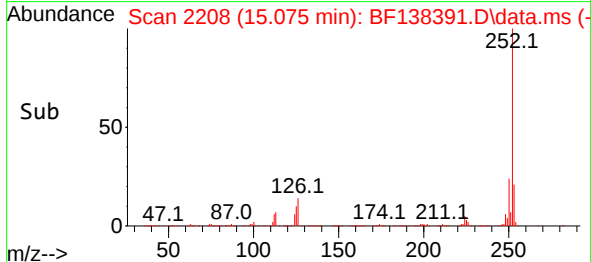
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



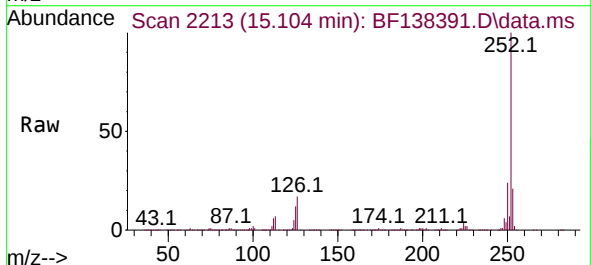
Tgt Ion:252 Resp: 1293708  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.0 25.4  
125 10.3 8.6 12.8

Manual Integrations  
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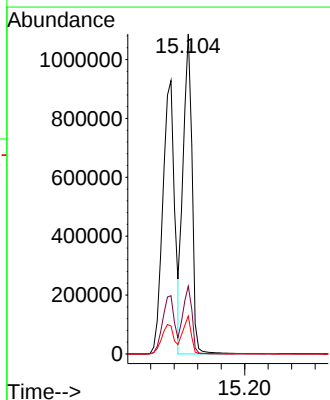
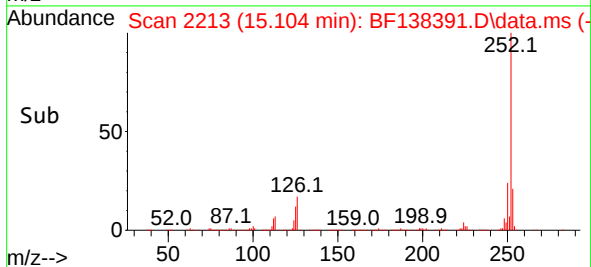
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

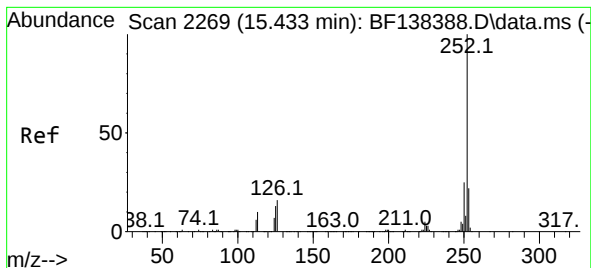


#89  
Benzo(k)fluoranthene  
Concen: 72.388 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



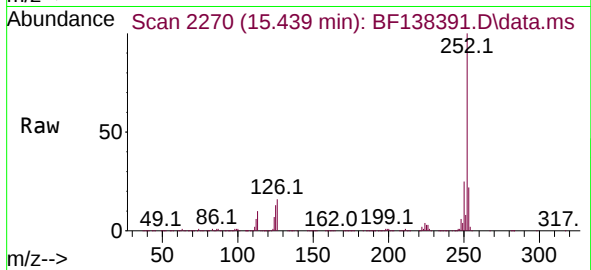
Tgt Ion:252 Resp: 1157078  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.4 26.2  
125 11.9 8.7 13.1





#90  
Benzo(a)pyrene  
Concen: 75.683 ng  
RT: 15.439 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29

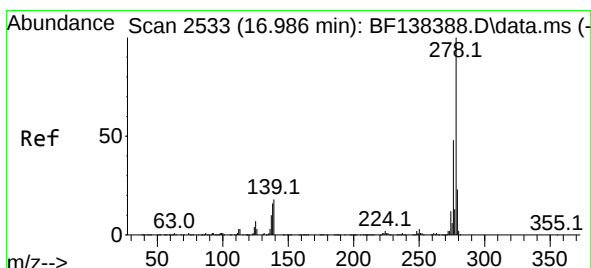
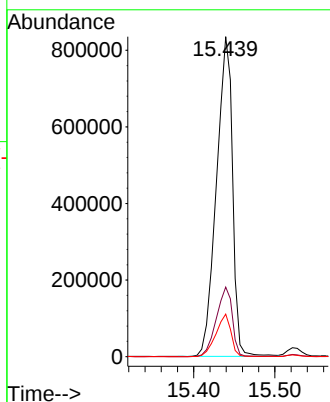
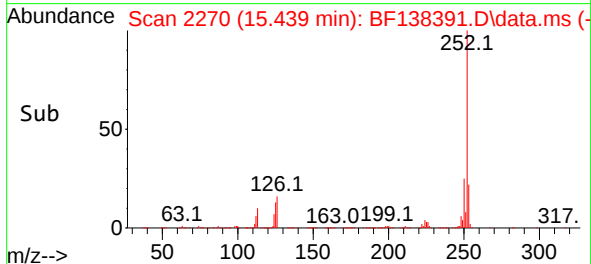
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



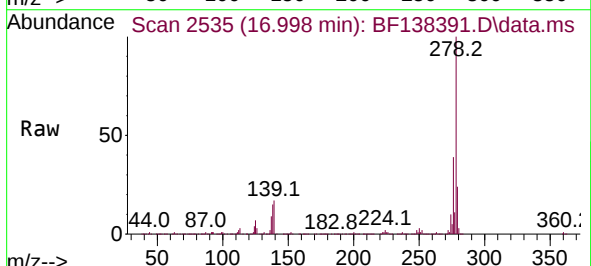
Tgt Ion:252 Resp: 115122  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 13.3 10.2 15.2

Manual Integrations  
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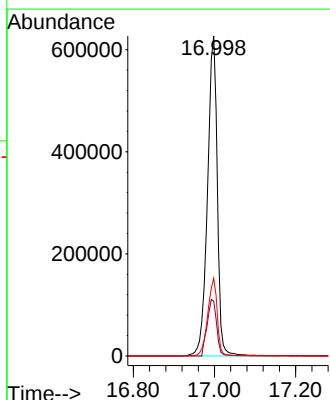
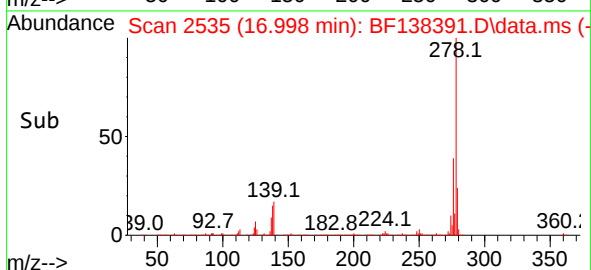
Reviewed By :Yogesh Patel 06/29/2024  
Supervised By :mohammad ahmed 06/29/2024

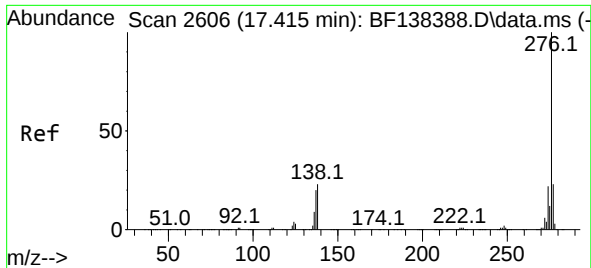


#91  
Dibenzo(a,h)anthracene  
Concen: 81.735 ng  
RT: 16.998 min Scan# 2535  
Delta R.T. 0.012 min  
Lab File: BF138391.D  
Acq: 28 Jun 2024 16:29



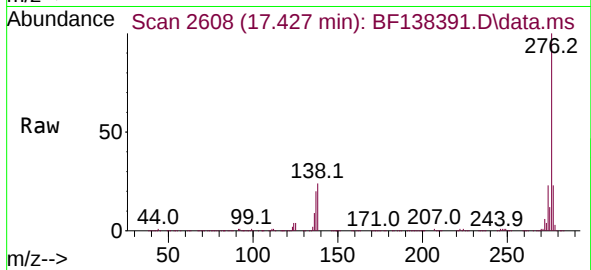
Tgt Ion:278 Resp: 1048537  
Ion Ratio Lower Upper  
278 100  
139 17.2 14.3 21.5  
279 24.3 18.5 27.7





#92  
 Benzo(g,h,i)perylene  
 Concen: 82.899 ng  
 RT: 17.427 min Scan# 20  
 Delta R.T. 0.012 min  
 Lab File: BF138391.D  
 Acq: 28 Jun 2024 16:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080



Tgt Ion:276 Resp: 1040358  
 Ion Ratio Lower Upper  
 276 100  
 277 23.5 18.3 27.5  
 138 24.2 18.3 27.5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024  
 Supervised By :mohammad ahmed 06/29/2024

