

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102824\  
 Data File : BF140075.D  
 Acq On : 28 Oct 2024 09:32  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024  
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 28 09:55:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 132517   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 497360   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 274065   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 494703   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 250901   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 263501   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 635250   | 75.045 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 814577   | 74.300 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 750063   | 83.584 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 216066   | 84.285 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1310048  | 79.000 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1254654  | 81.484 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 148154   | 37.538 | ng    | 96       |
| 3) Pyridine                   | 3.440  | 79   | 374133   | 38.244 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 197677   | 37.610 | ng    | 96       |
| 6) Aniline                    | 6.551  | 93   | 388187   | 37.992 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 328283   | 37.936 | ng    | 100      |
| 9) Benzaldehyde               | 6.439  | 77   | 234409   | 38.007 | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 427262m  | 37.802 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 324860   | 37.186 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.833  | 146  | 395383   | 39.802 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 393761   | 39.676 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 364568   | 39.360 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 307563   | 38.244 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 538199   | 36.130 | ng    | 98       |
| 17) 2-Methylphenol            | 7.133  | 107  | 278276   | 37.712 | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 139330   | 39.369 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 243835   | 36.671 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 349881   | 37.070 | ng    | # 83     |
| 22) Acetophenone              | 7.298  | 105  | 466951   | 38.331 | ng    | 99       |
| 24) Nitrobenzene              | 7.475  | 77   | 394888   | 40.136 | ng    | 100      |
| 25) Isophorone                | 7.710  | 82   | 654467   | 38.425 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 151084   | 40.704 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 220819   | 35.678 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 392131   | 38.000 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 277268   | 39.331 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 313301   | 40.164 | ng    | 100      |
| 31) Naphthalene               | 8.198  | 128  | 1010972  | 39.413 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 184222   | 34.127 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 341100   | 38.998 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 198499   | 40.501 | ng    | 100      |
| 35) Caprolactam               | 8.616  | 113  | 88634    | 39.542 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 305431   | 39.128 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 616924   | 39.271 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 607270   | 39.400 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 303883   | 41.099 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 99773    | 38.781 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 205507   | 39.258 | ng    | 99       |

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 Sample : SSTDCCC040  
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## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 28 09:55:45 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

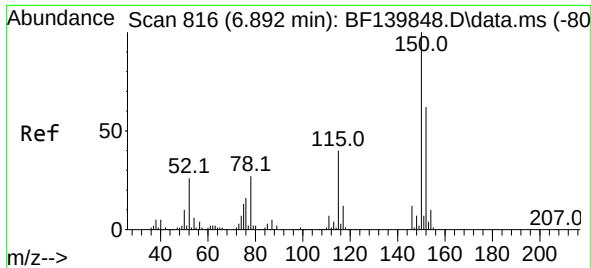
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 214705   | 39.754 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 756187   | 39.635 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 620778   | 40.398 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 201129   | 42.796 | ng    | 94       |
| 49) Acenaphthylene            | 9.792  | 152  | 891367   | 40.124 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 682031   | 39.953 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 161527   | 43.701 | ng    | 98       |
| 52) Acenaphthene              | 9.963  | 154  | 579769   | 40.343 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.874  | 138  | 160653   | 42.148 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 64847    | 45.309 | ng    | # 1      |
| 55) Dibenzofuran              | 10.133 | 168  | 813269   | 39.443 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.027 | 139  | 120058   | 40.940 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 209655   | 46.125 | ng    | 99       |
| 58) Fluorene                  | 10.474 | 166  | 633488   | 40.338 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 170444   | 40.257 | ng    | 98       |
| 60) Diethylphthalate          | 10.345 | 149  | 675530   | 40.303 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 324430   | 40.907 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 156727   | 43.535 | ng    | 98       |
| 63) Azobenzene                | 10.627 | 77   | 685497   | 38.577 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 96169    | 47.659 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 569092   | 38.436 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 205221   | 40.268 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.021 | 284  | 230272   | 40.175 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 155137   | 38.680 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 142153   | 40.865 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 899645   | 38.500 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 889039   | 38.994 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 803004   | 37.870 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 957414   | 39.082 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 901406   | 38.158 | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 186877   | 45.296 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 894517   | 40.730 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.468 | 149  | 271701   | 41.265 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 665269   | 40.732 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 211560   | 44.426 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 587960   | 39.262 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 334928   | 45.339 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 547586   | 40.754 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 684787   | 40.396 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 615487   | 38.345 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 563702   | 40.721 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 533309   | 40.379 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 563984   | 39.881 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 583161   | 41.284 | ng    | 98       |

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

## Manual Integrations

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 18 15:07:50 2024  
Response via : Initial Calibration





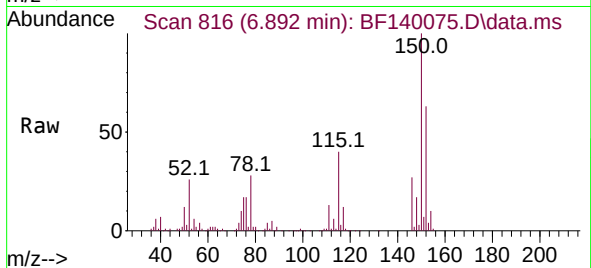
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

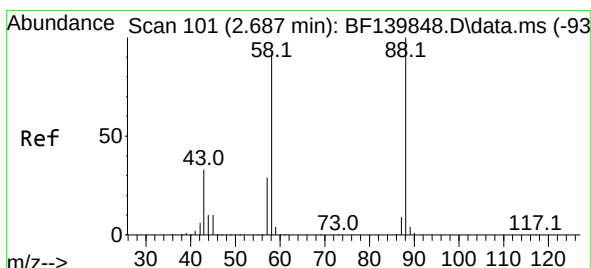
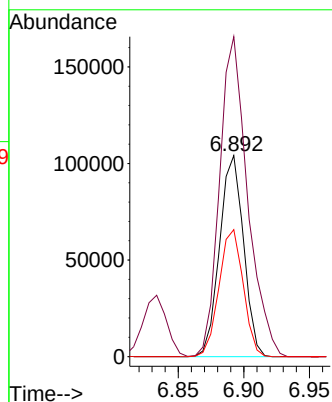
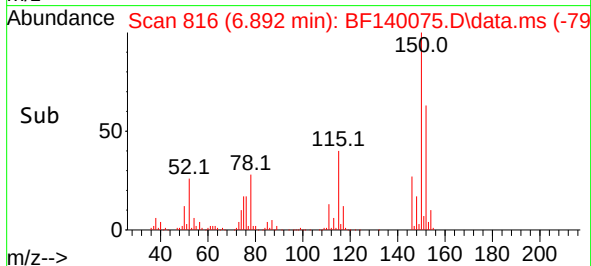


Tgt Ion:152 Resp: 13251  
Ion Ratio Lower Upper  
152 100  
150 159.1 130.2 195.2  
115 63.1 51.4 77.2

Manual Integrations

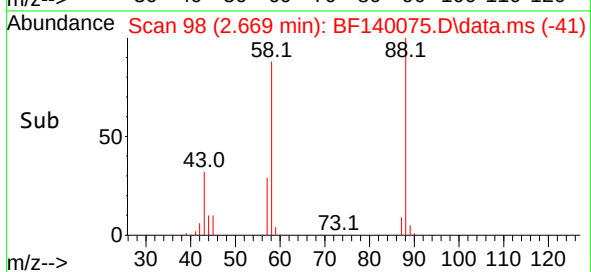
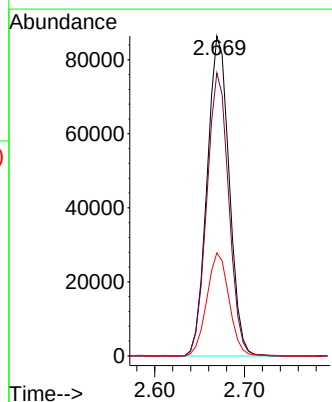
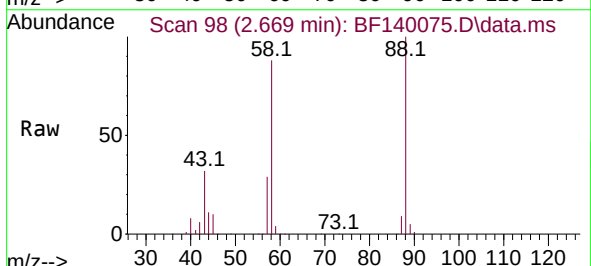
APPROVED

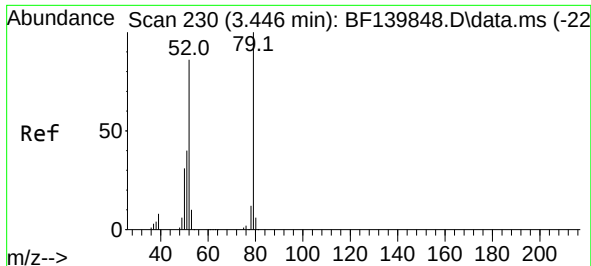
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#2  
1,4-Dioxane  
Concen: 37.538 ng  
RT: 2.669 min Scan# 98  
Delta R.T. -0.018 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

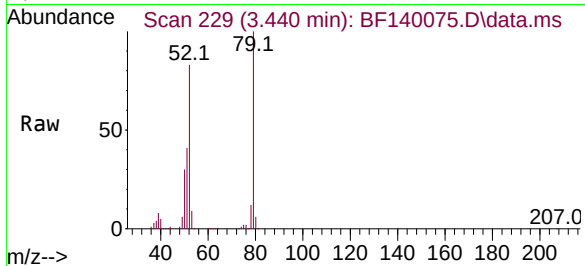
Tgt Ion: 88 Resp: 148154  
Ion Ratio Lower Upper  
88 100  
58 87.9 73.3 109.9  
43 32.5 27.1 40.7





#3  
Pyridine  
Concen: 38.244 ng  
RT: 3.440 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

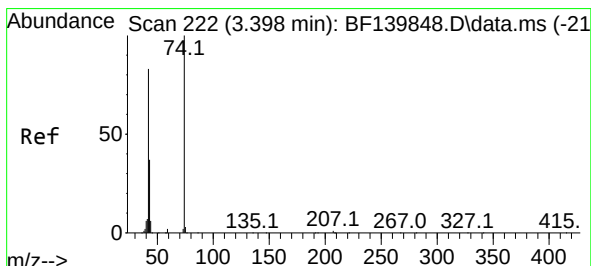
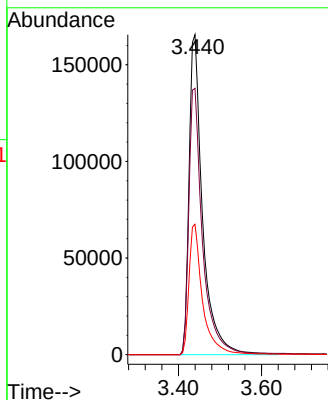
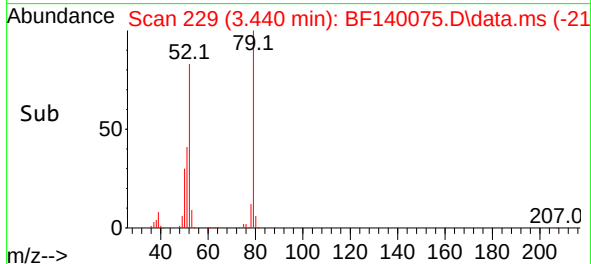
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



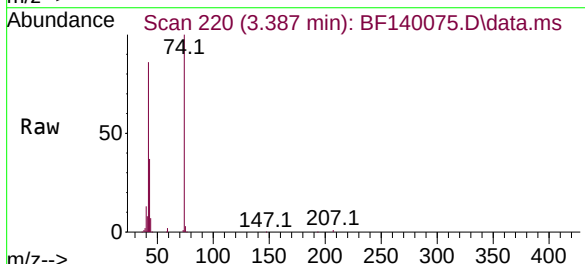
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Ion Ratio Lower Upper  
79 100  
52 83.2 68.5 102.7  
51 40.7 32.3 48.5

Manual Integrations  
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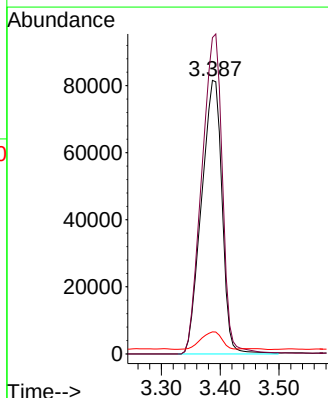
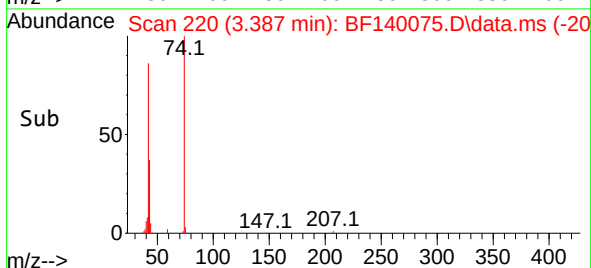
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

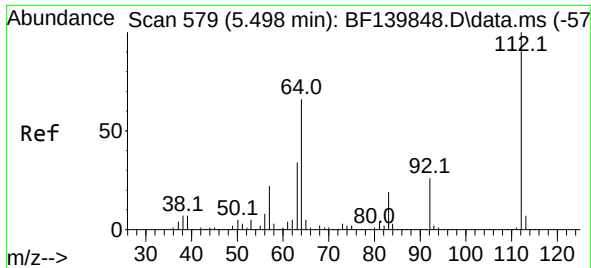


#4  
n-Nitrosodimethylamine  
Concen: 37.610 ng  
RT: 3.387 min Scan# 220  
Delta R.T. -0.012 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion: 42 Resp: 197677  
Ion Ratio Lower Upper  
42 100  
74 115.6 96.2 144.4  
44 8.1 6.2 9.2





#5  
2-Fluorophenol  
Concen: 75.045 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

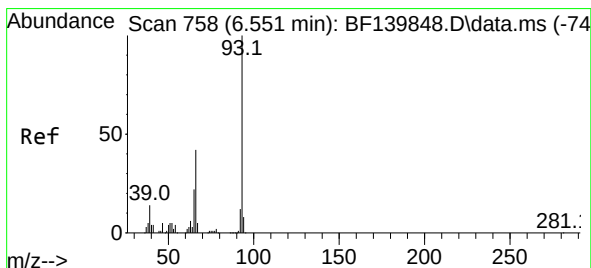
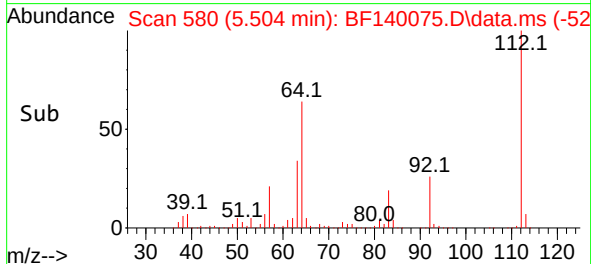
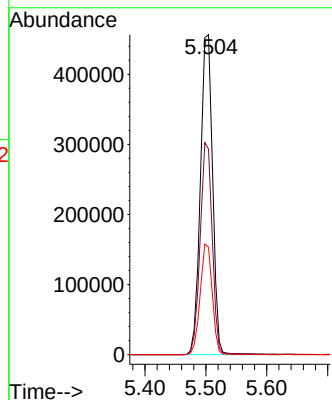
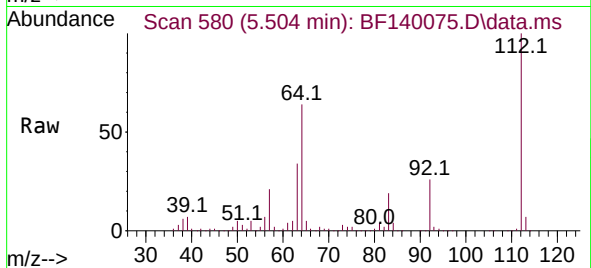
SSTDCCC040

Tgt Ion:112 Resp: 635250  
Ion Ratio Lower Upper  
112 100  
64 64.3 53.0 79.6  
63 33.6 27.0 40.4

Manual Integrations

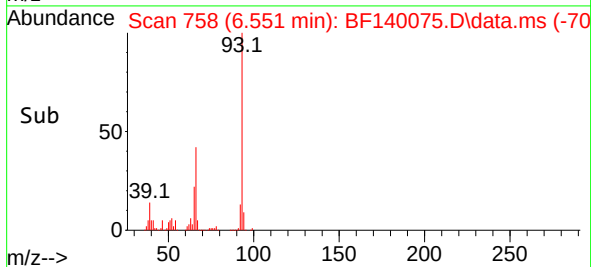
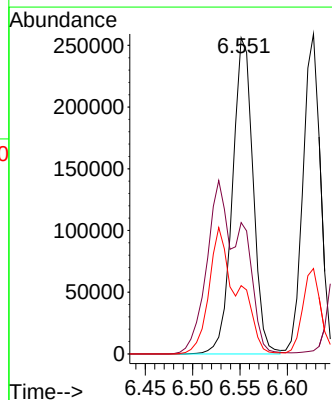
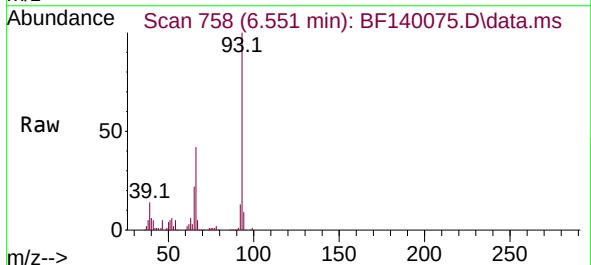
APPROVED

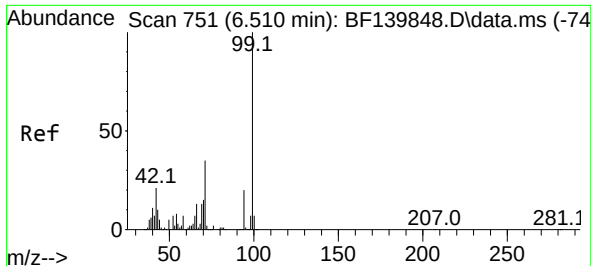
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#6  
Aniline  
Concen: 37.992 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

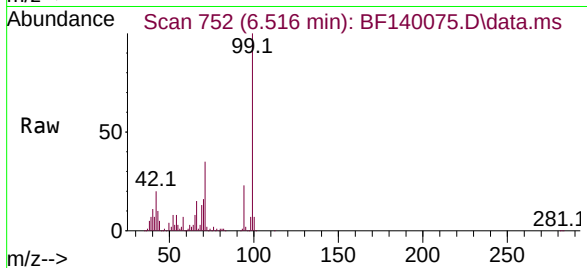
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Ion Ratio Lower Upper  
93 100  
66 41.5 34.0 51.0  
65 21.6 17.4 26.0





#7  
Phenol-d6  
Concen: 74.300 ng  
RT: 6.516 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

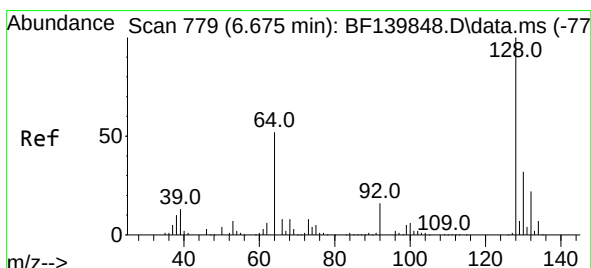
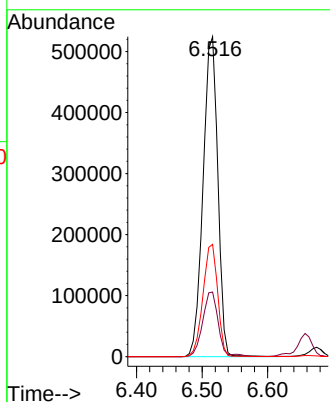
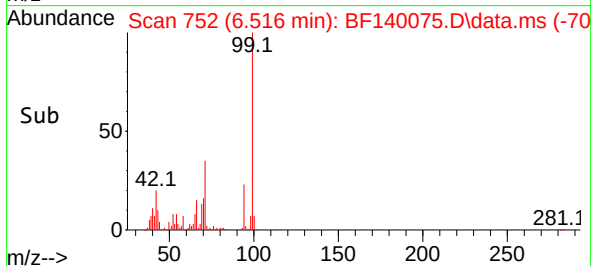
Instrument :  
BNA\_F  
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SSTDCCC040



Tgt Ion: 99 Resp: 814572  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.7 25.1  
71 35.1 27.7 41.5

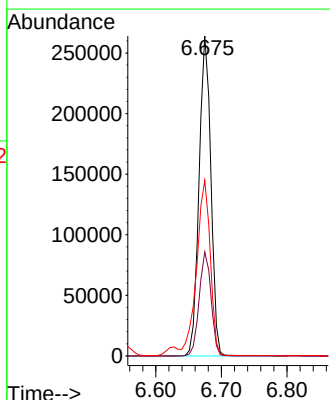
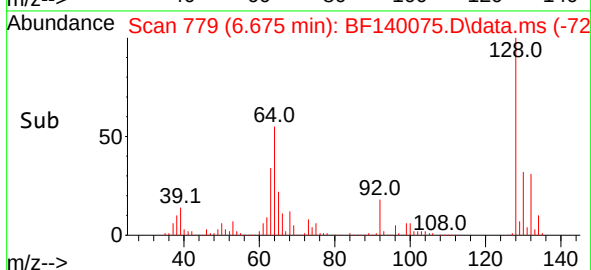
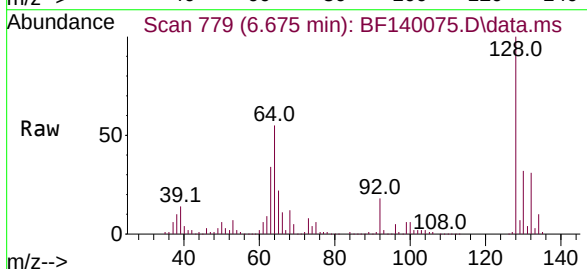
Manual Integrations  
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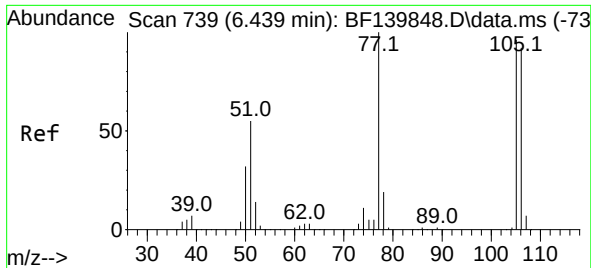
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#8  
2-Chlorophenol  
Concen: 37.936 ng  
RT: 6.675 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

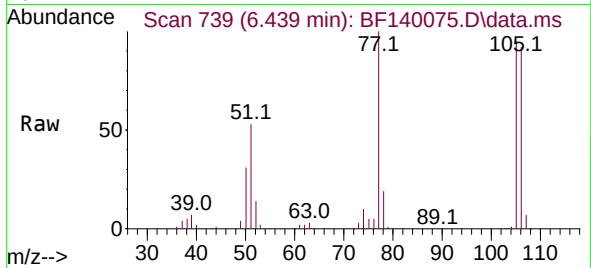
Tgt Ion:128 Resp: 328283  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.3 52.3  
64 54.8 34.6 74.6





#9  
Benzaldehyde  
Concen: 38.007 ng  
RT: 6.439 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

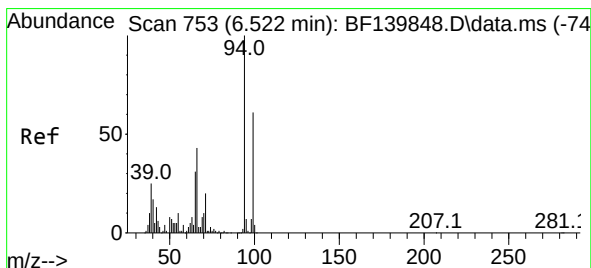
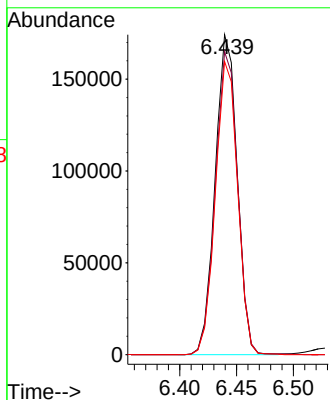
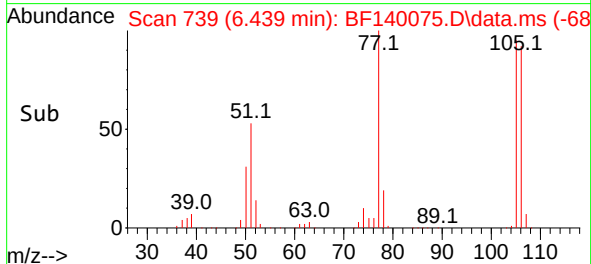
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



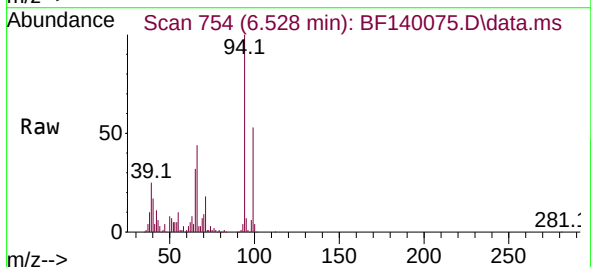
Tgt Ion: 77 Resp: 234409  
Ion Ratio Lower Upper  
77 100  
105 94.6 75.5 115.5  
106 91.6 71.7 111.7

Manual Integrations  
APPROVED

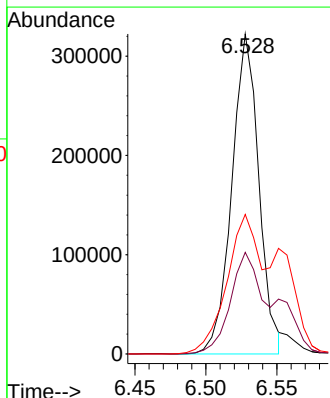
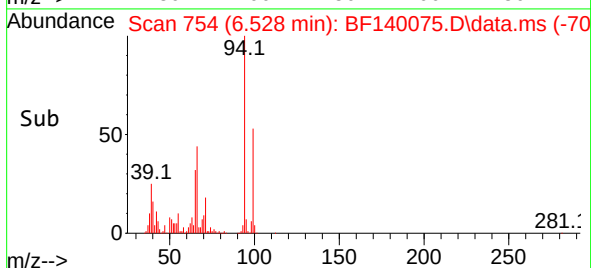
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



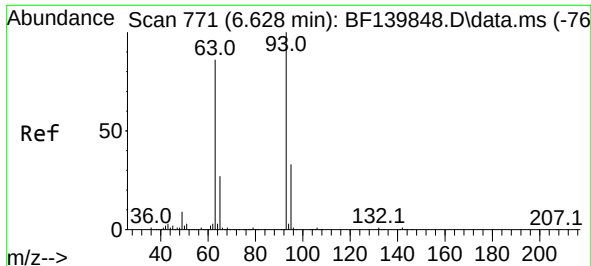
#10  
Phenol  
Concen: 37.802 ng m  
RT: 6.528 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion: 94 Resp: 427262  
Ion Ratio Lower Upper  
94 100  
65 31.7 11.1 51.1  
66 43.6 22.7 62.7

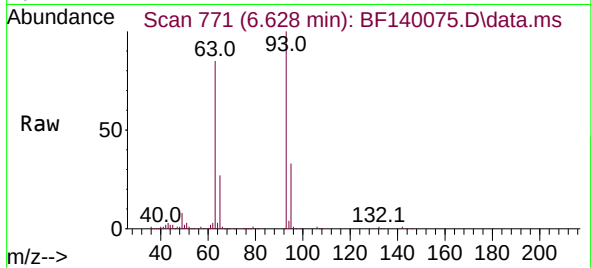






#11  
bis(2-Chloroethyl)ether  
Concen: 37.186 ng  
RT: 6.628 min Scan# 771  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

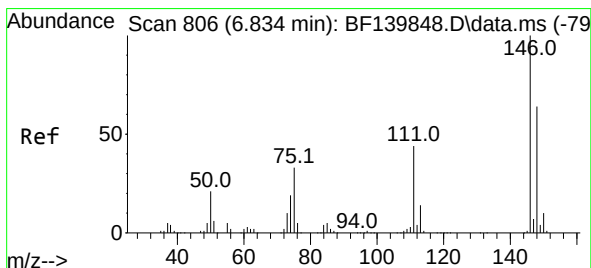
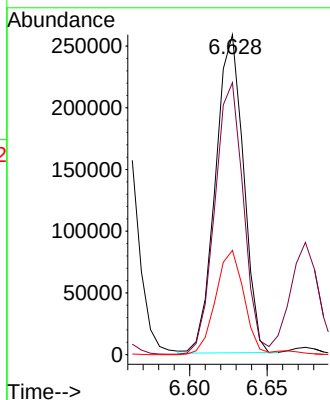
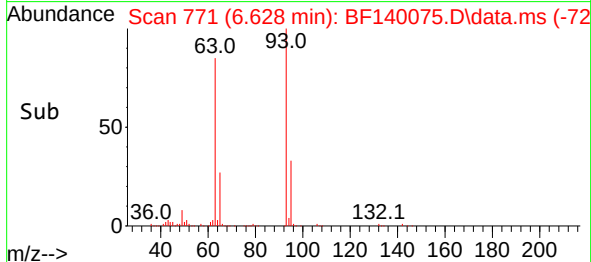
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 93 Resp: 324860  
Ion Ratio Lower Upper  
93 100  
63 85.0 65.0 105.0  
95 32.6 12.4 52.4

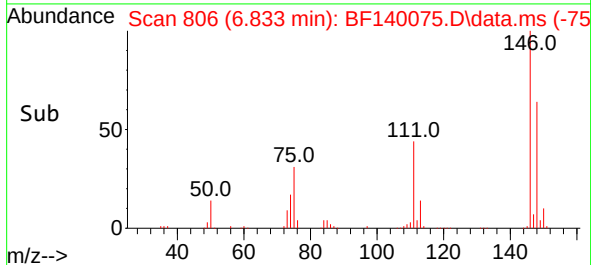
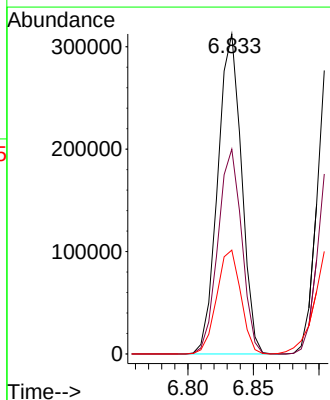
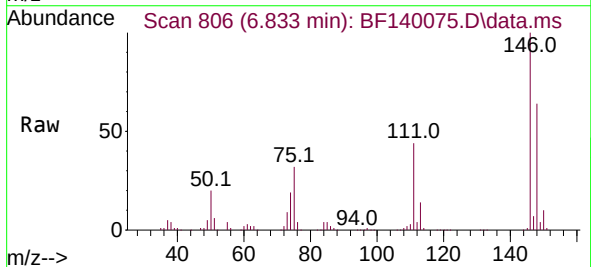
Manual Integrations  
APPROVED

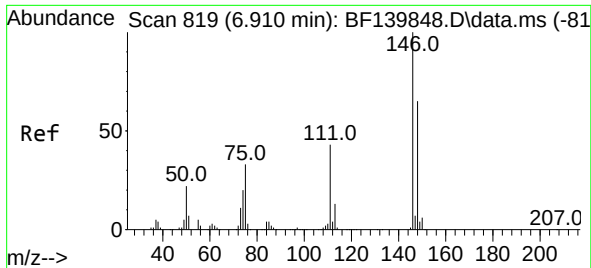
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#12  
1,3-Dichlorobenzene  
Concen: 39.802 ng  
RT: 6.833 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:146 Resp: 395383  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.0 76.4  
75 32.4 26.4 39.6





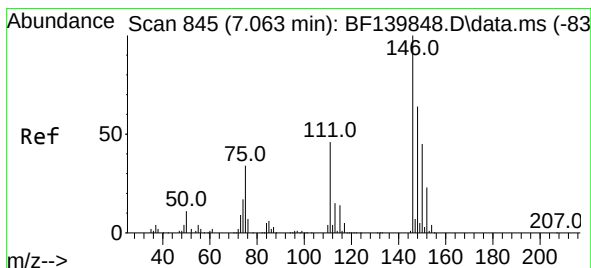
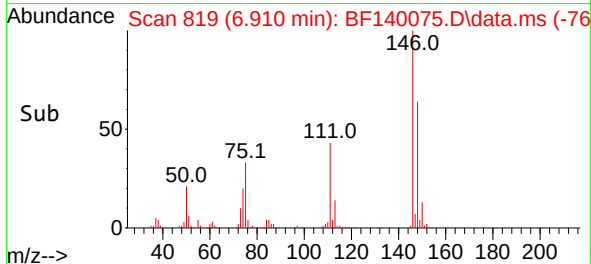
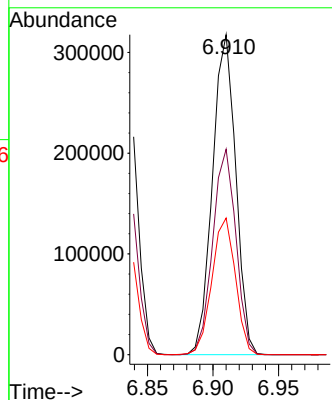
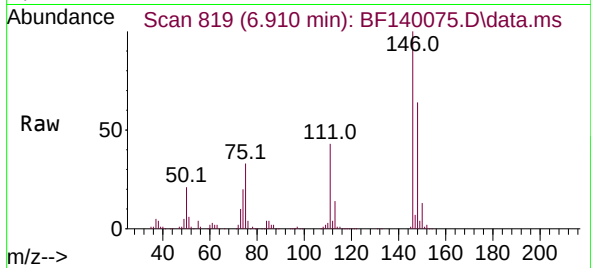
#13  
1,4-Dichlorobenzene  
Concen: 39.676 ng  
RT: 6.910 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 393761  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.8 77.8  
111 42.7 34.6 51.8

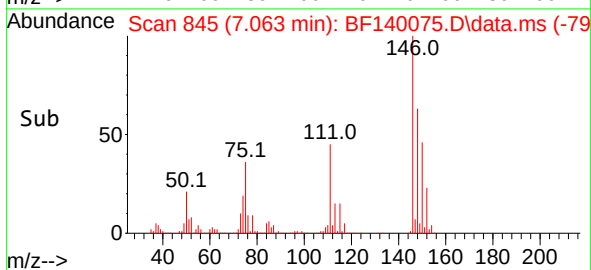
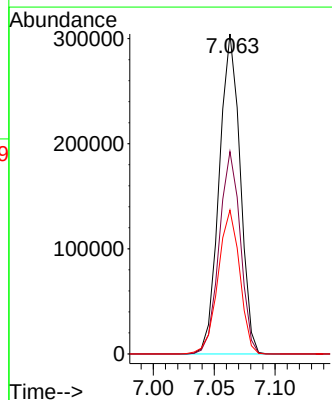
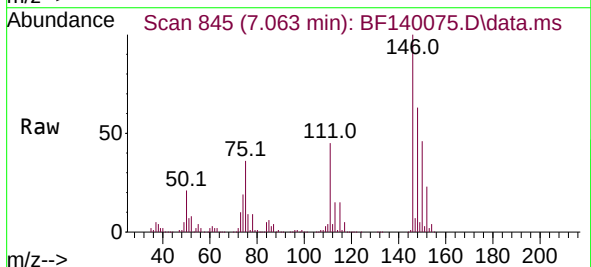
Manual Integrations  
APPROVED

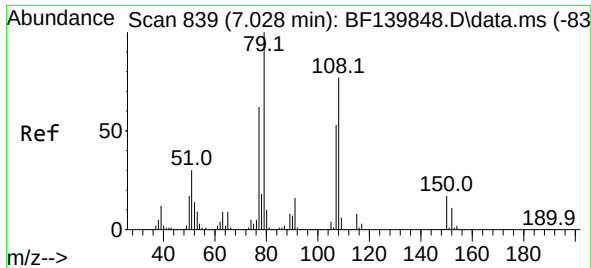
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#14  
1,2-Dichlorobenzene  
Concen: 39.360 ng  
RT: 7.063 min Scan# 845  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

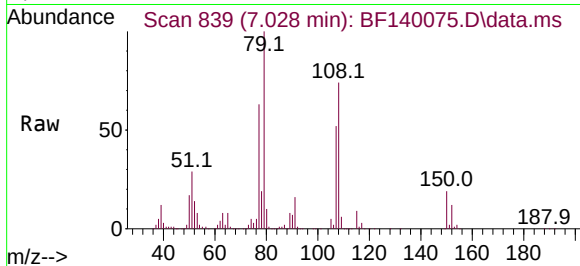
Tgt Ion:146 Resp: 364568  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.4 77.2  
111 44.9 36.7 55.1





#15  
Benzyl Alcohol  
Concen: 38.244 ng  
RT: 7.028 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

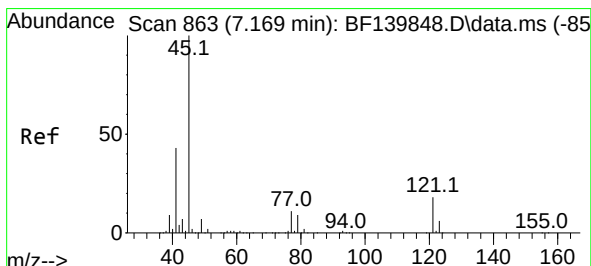
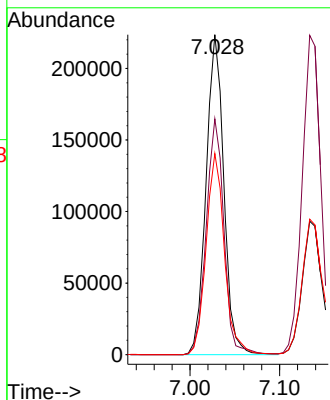
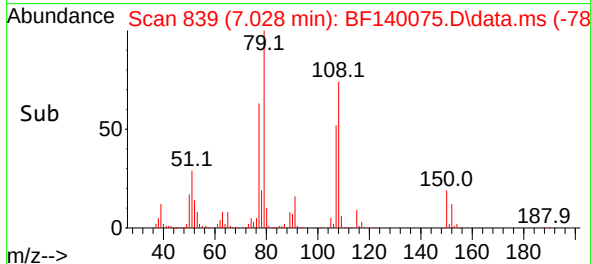
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 307563  
Ion Ratio Lower Upper  
79 100  
108 73.7 61.4 92.0  
77 62.8 49.9 74.9

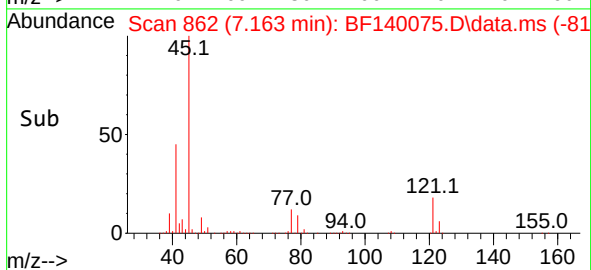
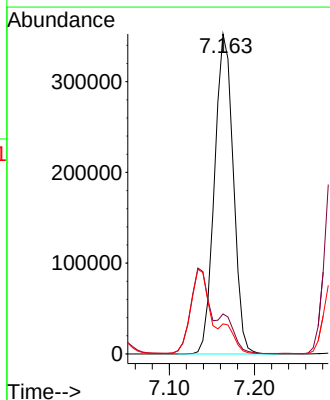
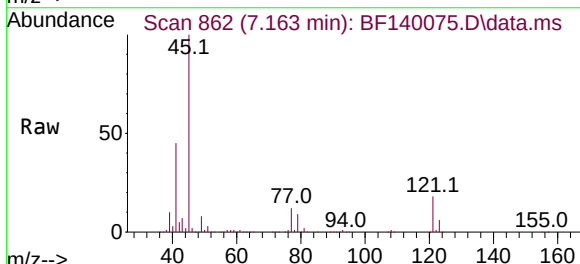
Manual Integrations  
APPROVED

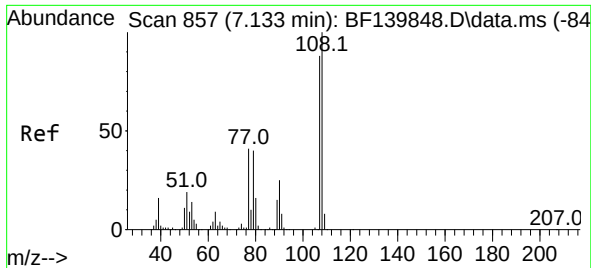
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.130 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion: 45 Resp: 538199  
Ion Ratio Lower Upper  
45 100  
77 12.5 0.0 31.5  
79 9.4 0.0 29.1





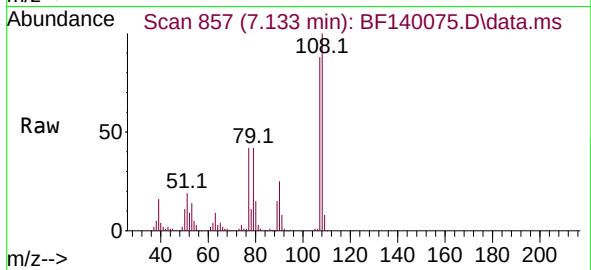
#17  
2-Methylphenol  
Concen: 37.712 ng  
RT: 7.133 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

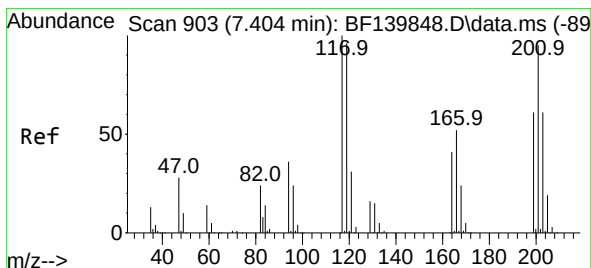
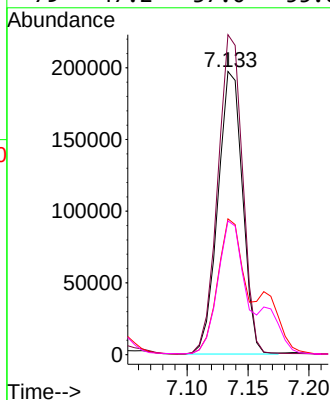
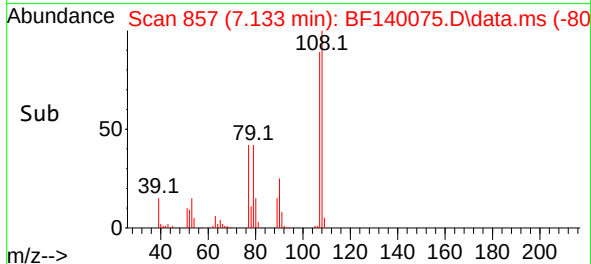


Tgt Ion:107 Resp: 278276  
Ion Ratio Lower Upper  
107 100  
108 113.0 91.3 136.9  
77 48.0 37.1 55.7  
79 47.2 37.0 55.6

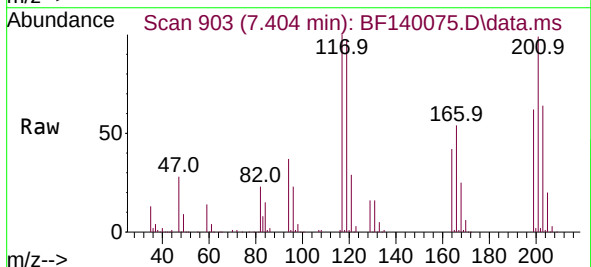
Manual Integrations

APPROVED

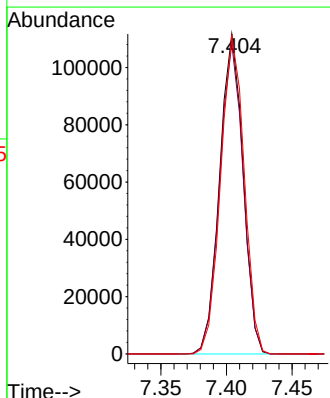
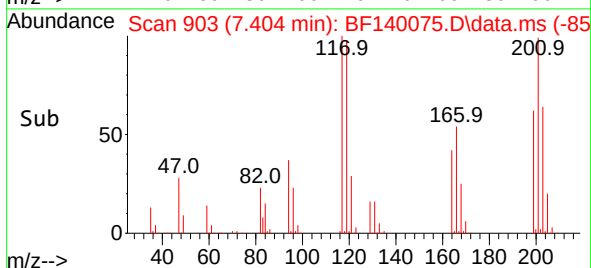
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

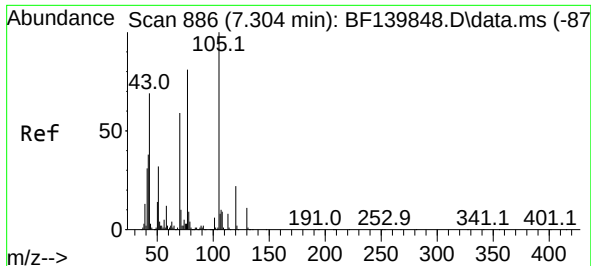


#18  
Hexachloroethane  
Concen: 39.369 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:117 Resp: 139330  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.0 115.4  
201 99.5 76.2 114.4





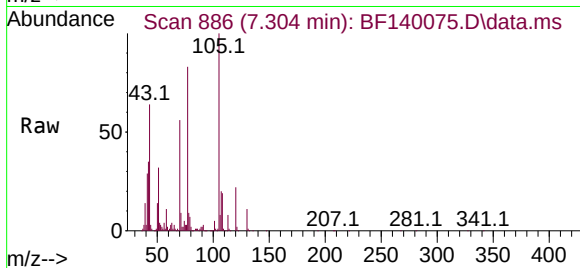
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.671 ng  
RT: 7.304 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



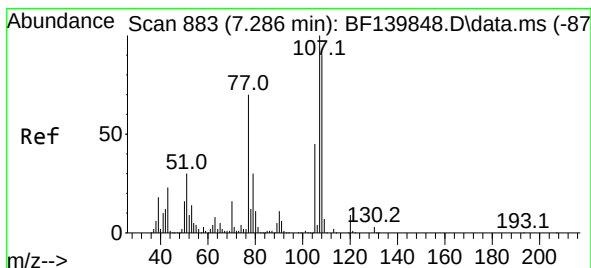
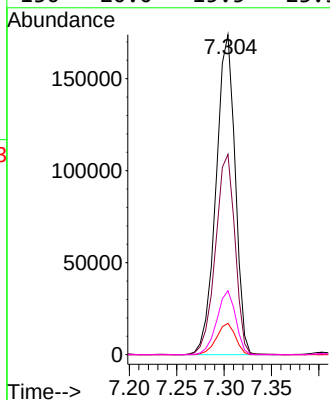
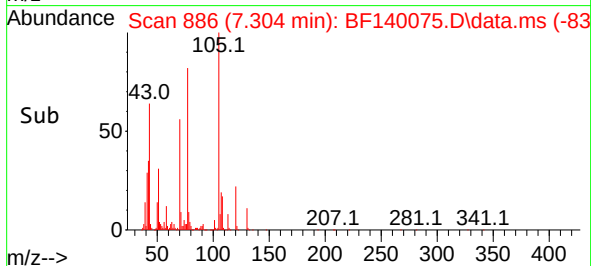
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 24383 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 62.6  | 51.5  | 77.3  |
| 101       | 9.8   | 7.5   | 11.3  |
| 130       | 20.0  | 15.5  | 23.3  |

Manual Integrations

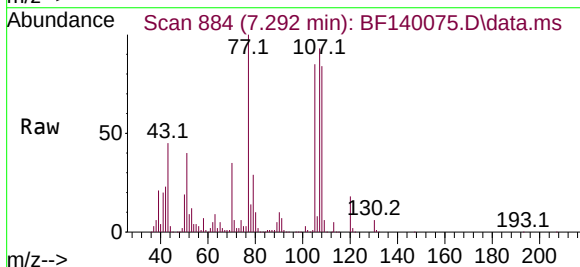
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

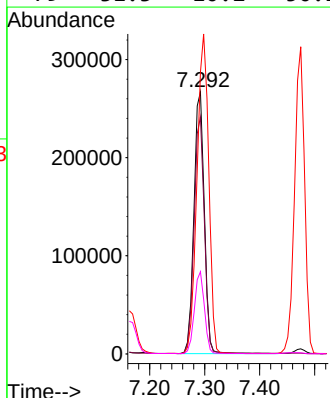
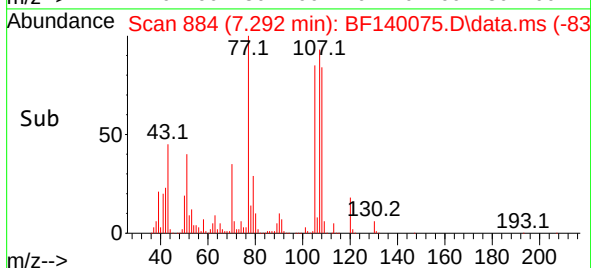
Supervised By :mohammad ahmed 10/30/2024

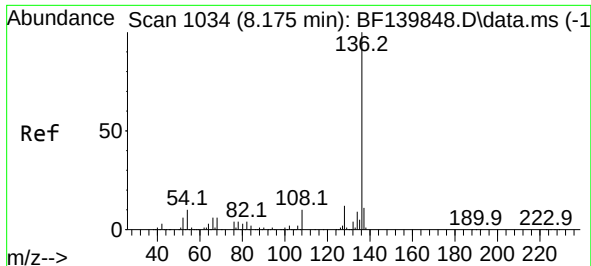


#20  
3+4-Methylphenols  
Concen: 37.070 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 349881 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 90.4  | 69.8  | 109.8  |
| 77        | 107.5 | 50.5  | 90.5   |
| 79        | 31.3  | 10.2  | 50.2   |





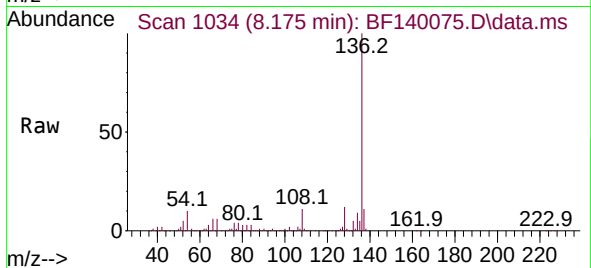
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



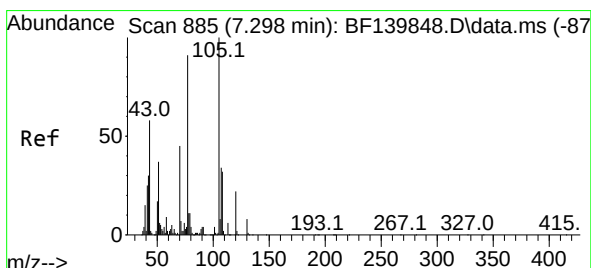
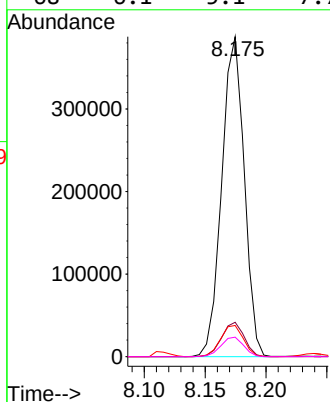
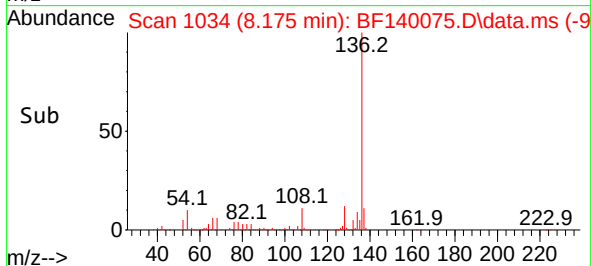
Tgt Ion:136 Resp: 497360  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 12.8  
54 9.7 8.4 12.6  
68 6.1 5.1 7.7

Manual Integrations

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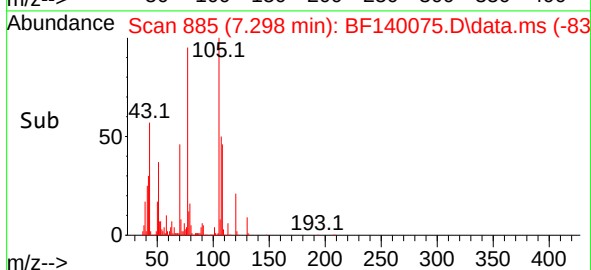
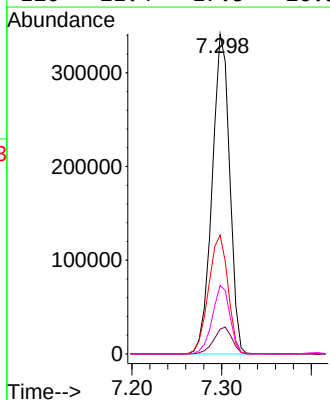
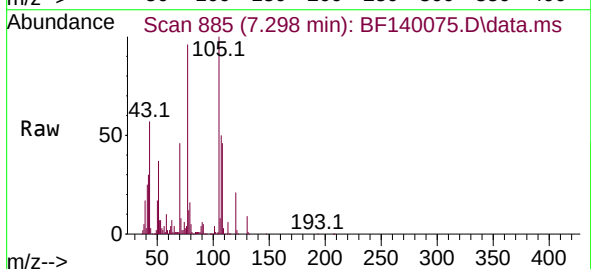
Reviewed By :Yogesh Patel 10/29/2024

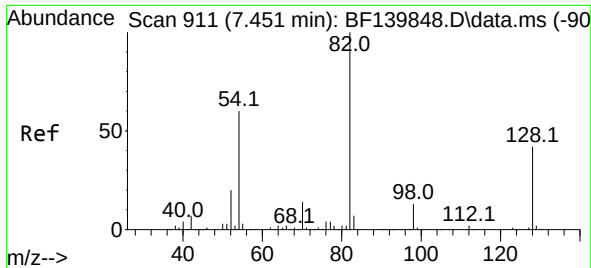
Supervised By :mohammad ahmed 10/30/2024



#22  
Acetophenone  
Concen: 38.331 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:105 Resp: 466951  
Ion Ratio Lower Upper  
105 100  
71 7.7 5.9 8.9  
51 37.2 29.4 44.2  
120 21.4 17.5 26.3





#23  
Nitrobenzene-d5  
Concen: 83.584 ng  
RT: 7.451 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

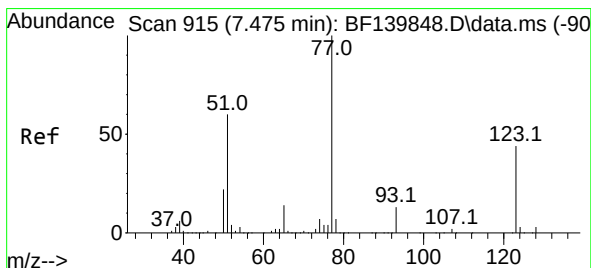
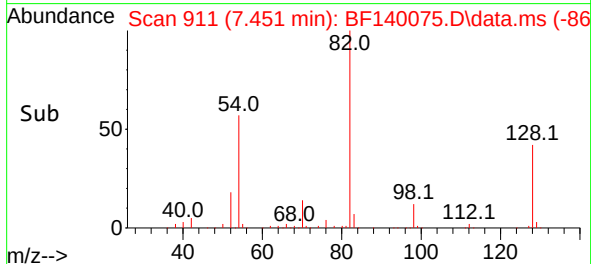
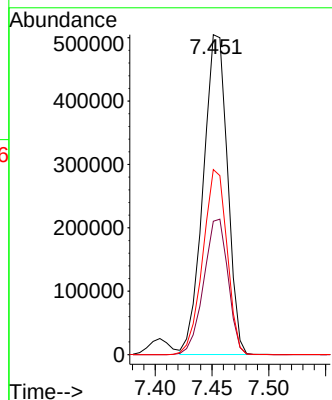
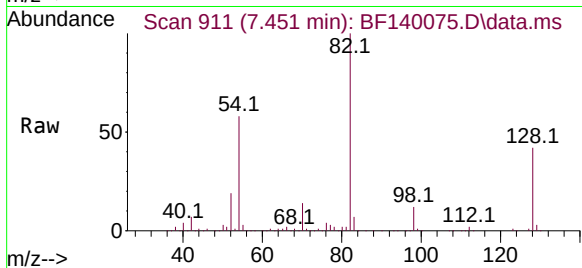
SSTDCCC040

Tgt Ion: 82 Resp: 750063  
Ion Ratio Lower Upper  
82 100  
128 41.7 33.4 50.0  
54 57.8 47.8 71.8

Manual Integrations

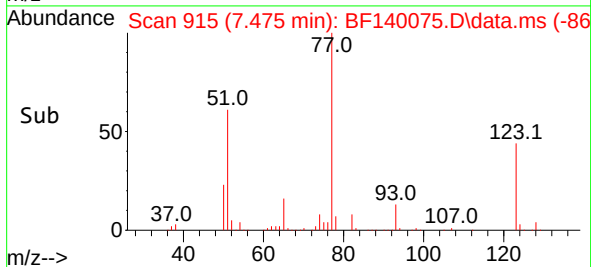
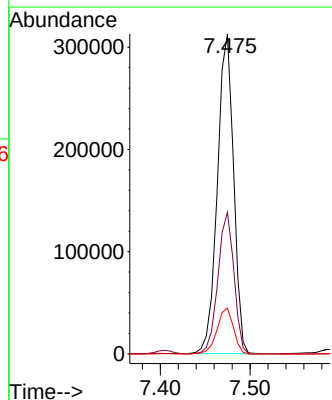
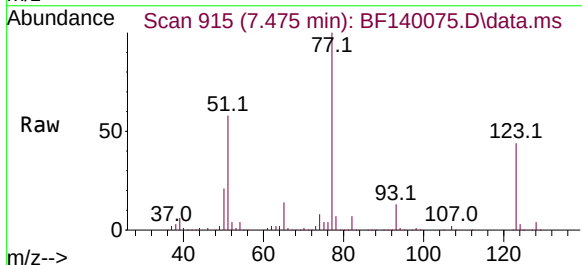
APPROVED

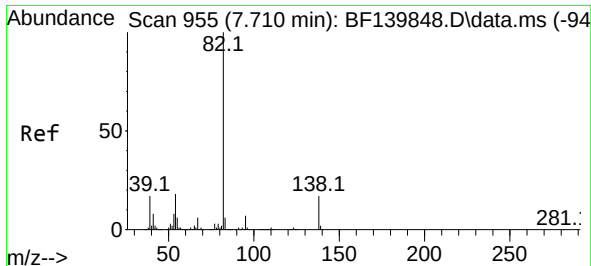
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#24  
Nitrobenzene  
Concen: 40.136 ng  
RT: 7.475 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

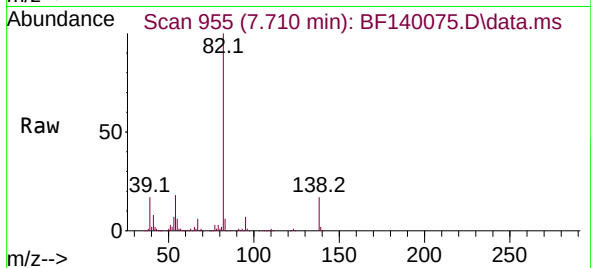
Tgt Ion: 77 Resp: 394888  
Ion Ratio Lower Upper  
77 100  
123 44.3 35.7 53.5  
65 14.3 11.5 17.3





#25  
Isophorone  
Concen: 38.425 ng  
RT: 7.710 min Scan# 955  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

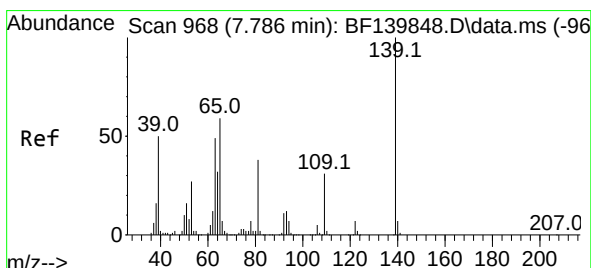
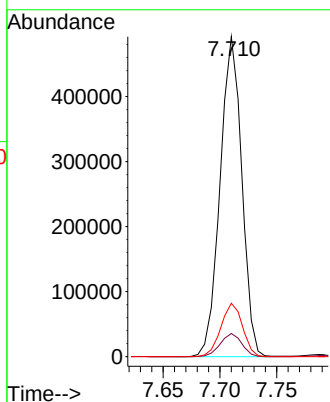
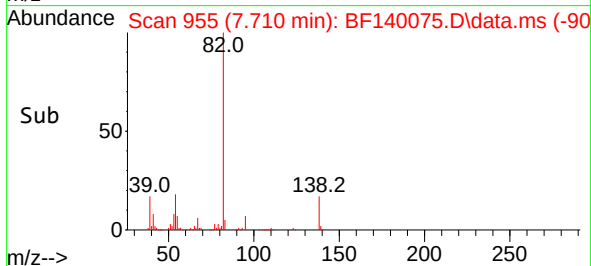
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 654462  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.5 8.3  
138 16.7 13.2 19.8

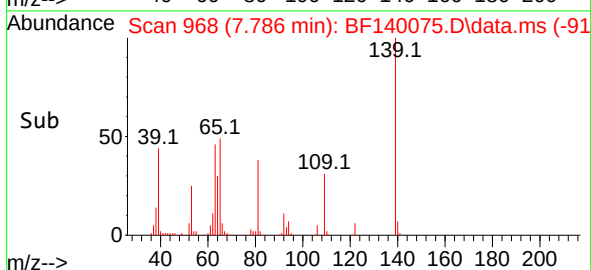
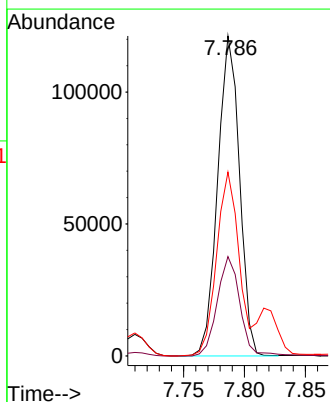
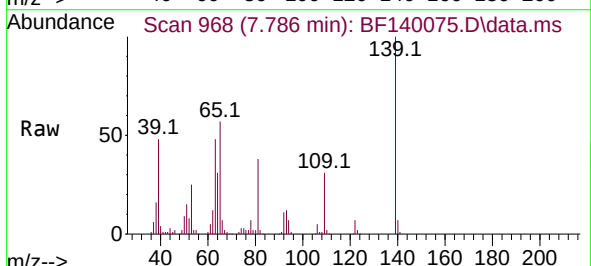
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

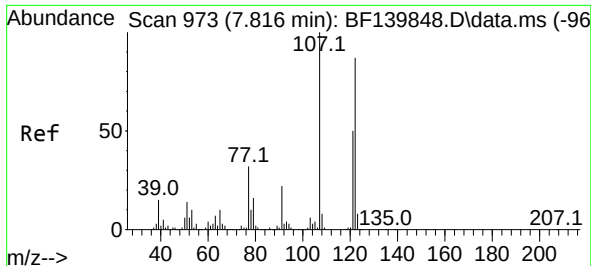


#26  
2-Nitrophenol  
Concen: 40.704 ng  
RT: 7.786 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:139 Resp: 151084  
Ion Ratio Lower Upper  
139 100  
109 31.1 25.1 37.7  
65 57.4 47.5 71.3







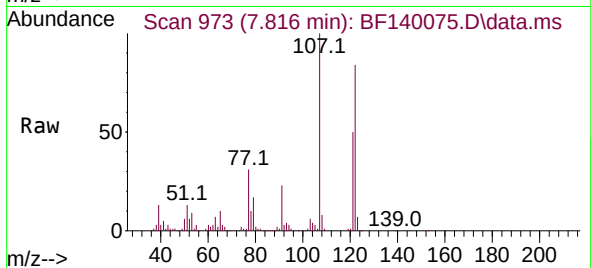
#27  
2,4-Dimethylphenol  
Concen: 35.678 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



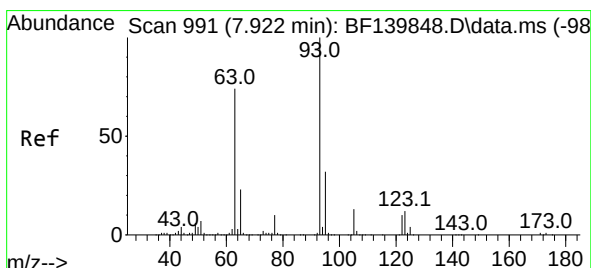
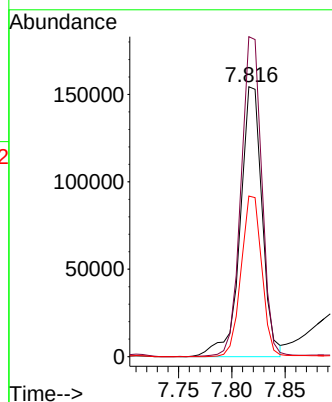
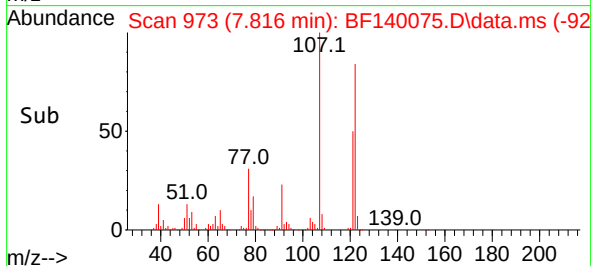
Tgt Ion:122 Resp: 220819  
Ion Ratio Lower Upper  
122 100  
107 118.6 91.9 137.9  
121 59.5 46.2 69.4

Manual Integrations

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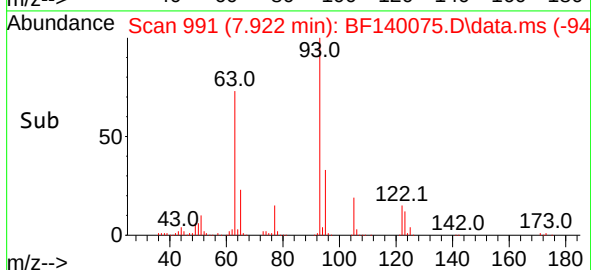
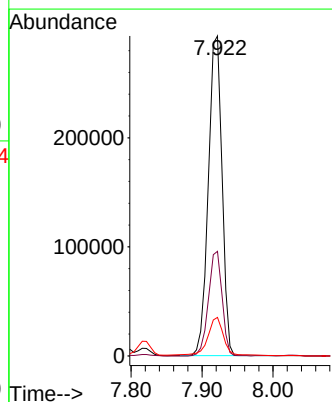
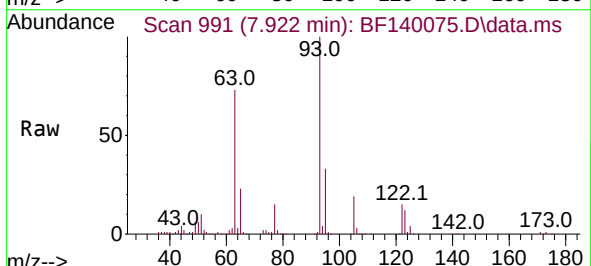
Reviewed By :Yogesh Patel 10/29/2024

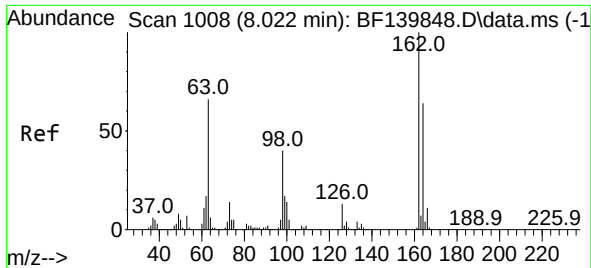
Supervised By :mohammad ahmed 10/30/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.000 ng  
RT: 7.922 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion: 93 Resp: 392131  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.0 39.0  
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.331 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 277268

Ion Ratio Lower Upper

162 100

164 63.6 43.9 83.9

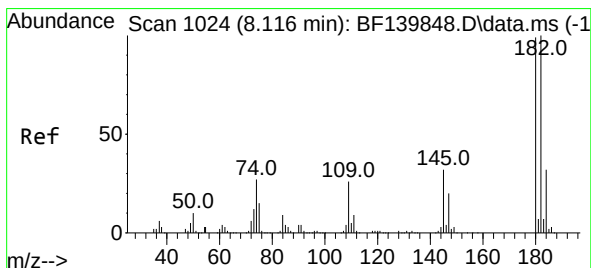
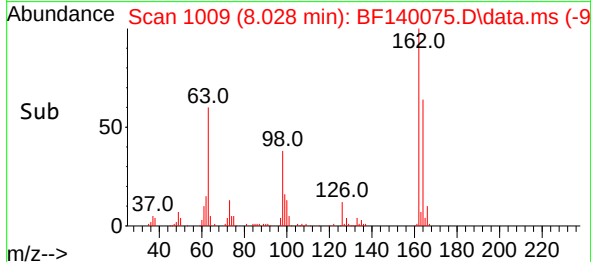
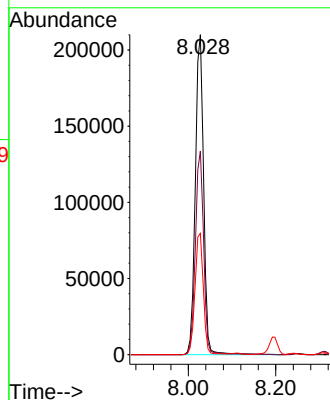
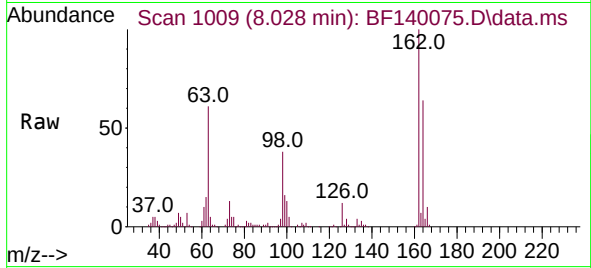
98 37.9 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.164 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

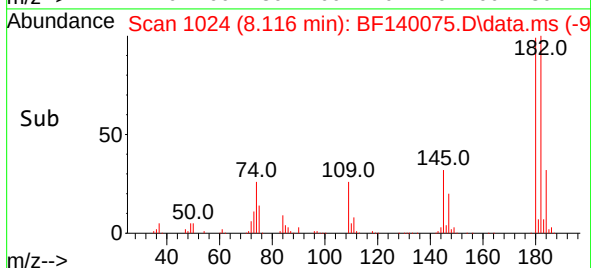
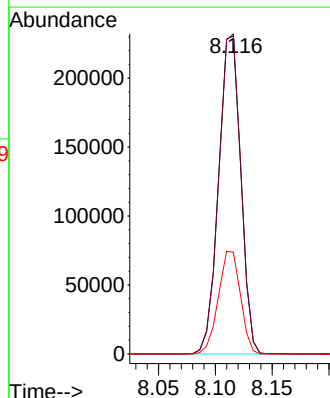
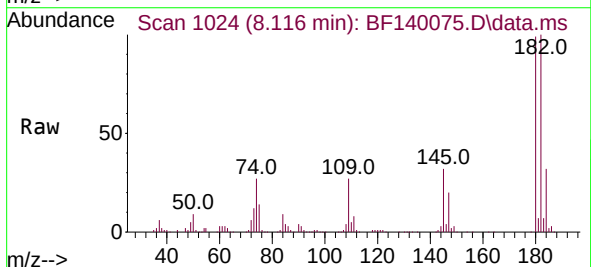
Tgt Ion:180 Resp: 313301

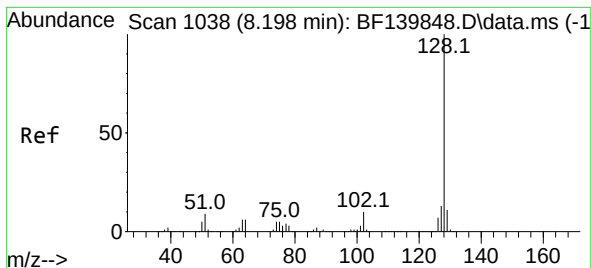
Ion Ratio Lower Upper

180 100

182 100.6 80.5 120.7

145 32.0 25.4 38.0





#31

Naphthalene

Concen: 39.413 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1010972

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

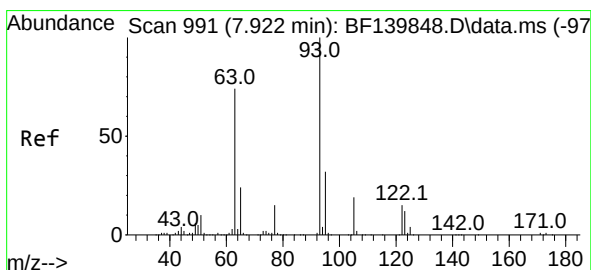
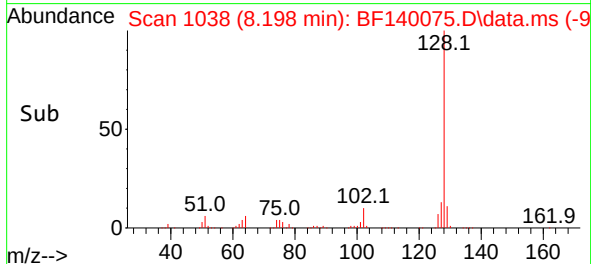
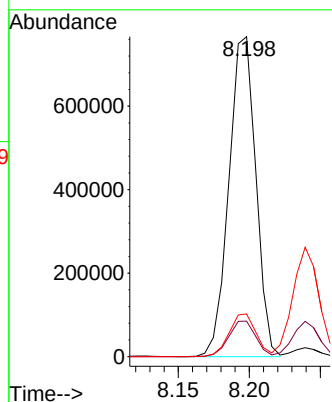
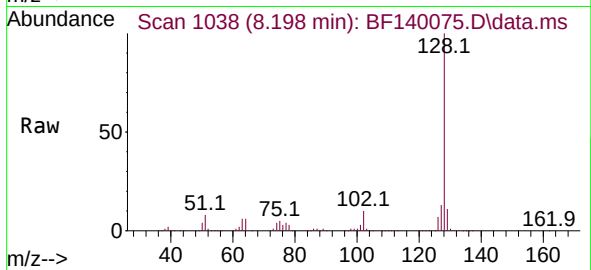
127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#32

Benzoic acid

Concen: 34.127 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

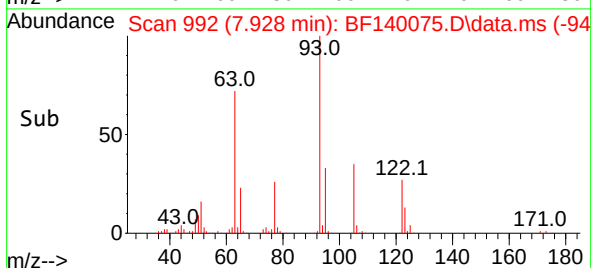
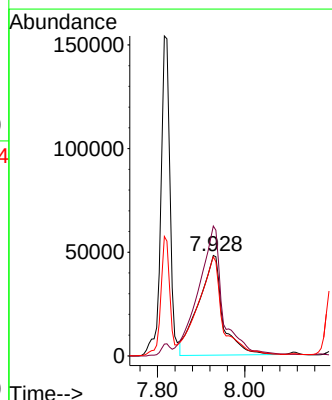
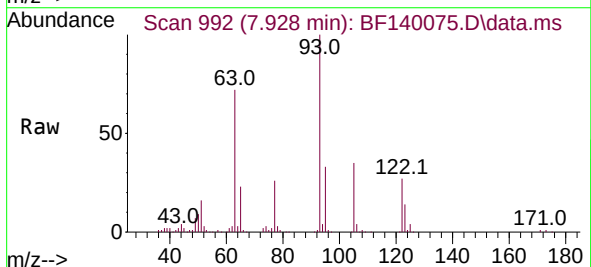
Tgt Ion:122 Resp: 184222

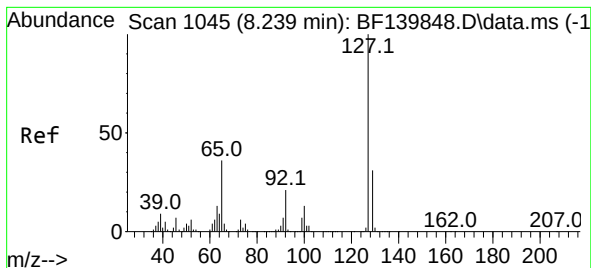
Ion Ratio Lower Upper

122 100

105 129.3 107.6 147.6

77 98.6 80.2 120.2





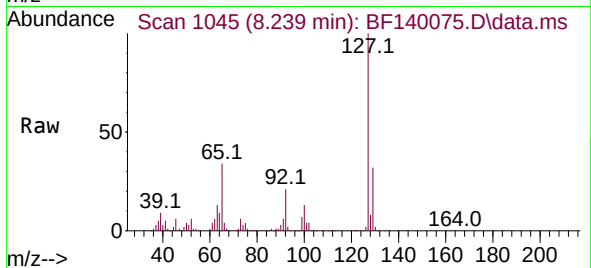
#33  
4-Chloroaniline  
Concen: 38.998 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

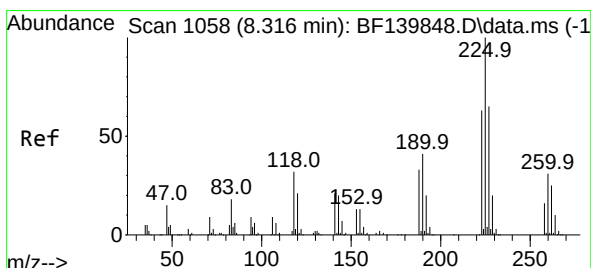
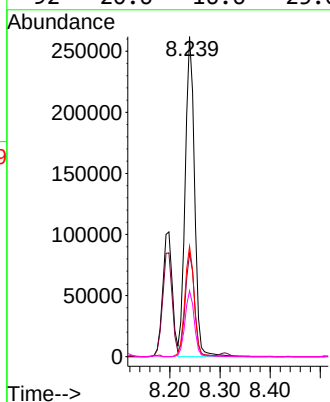
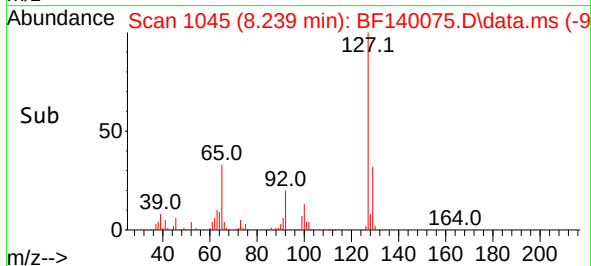


Tgt Ion:127 Resp: 341100  
Ion Ratio Lower Upper  
127 100  
129 32.3 25.4 38.2  
65 34.5 28.4 42.6  
92 20.6 16.6 25.0

Manual Integrations

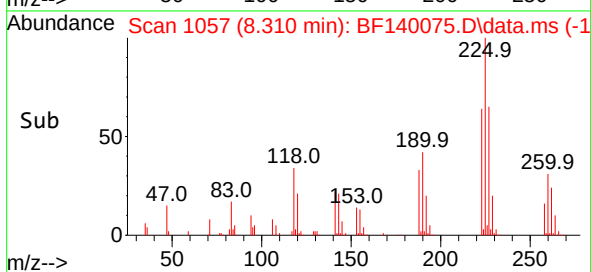
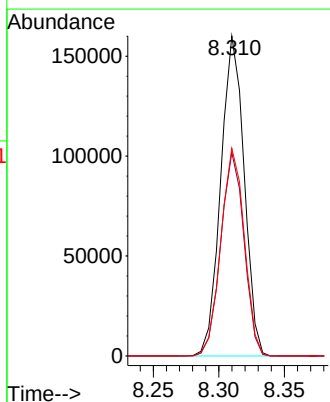
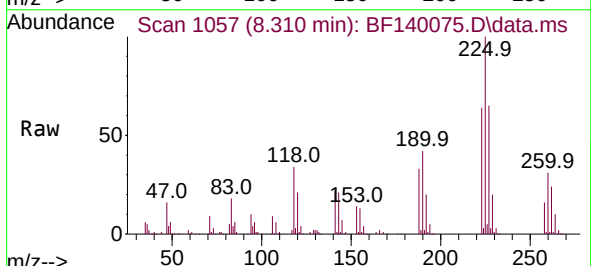
APPROVED

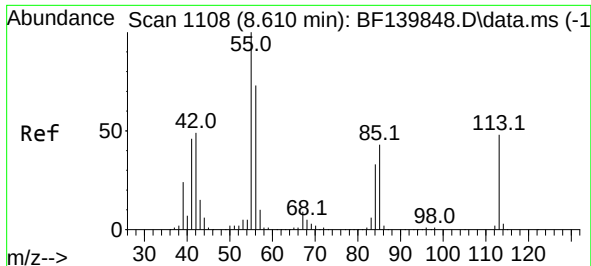
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#34  
Hexachlorobutadiene  
Concen: 40.501 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:225 Resp: 198499  
Ion Ratio Lower Upper  
225 100  
223 63.6 50.6 76.0  
227 64.9 51.8 77.8





#35  
 Caprolactam  
 Concen: 39.542 ng  
 RT: 8.616 min Scan# 1108  
 Delta R.T. 0.006 min  
 Lab File: BF140075.D  
 Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

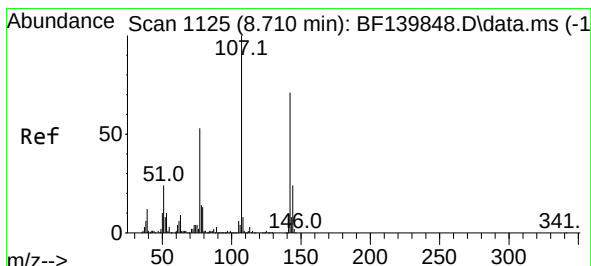
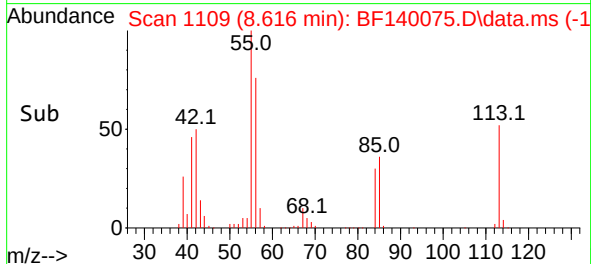
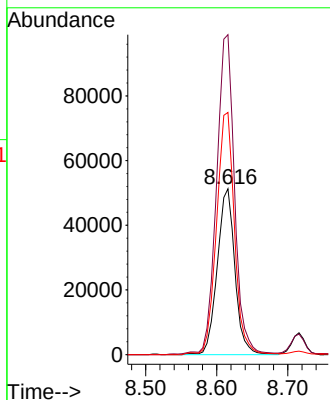
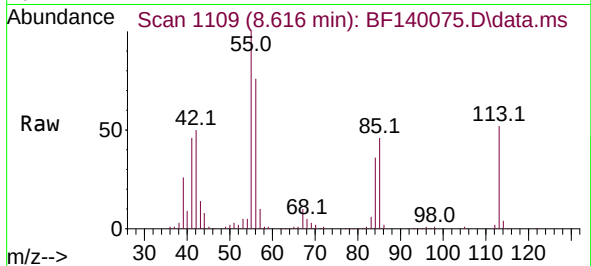
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 88634  
 Ion Ratio Lower Upper  
 113 100  
 55 193.0 189.2 229.2  
 56 146.0 132.5 172.5

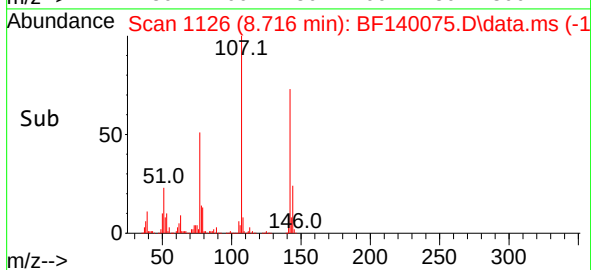
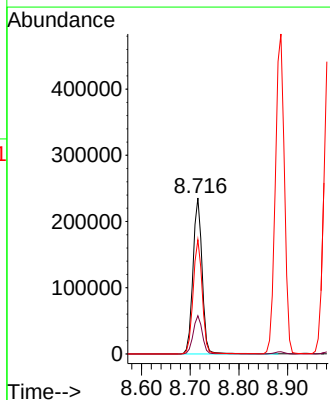
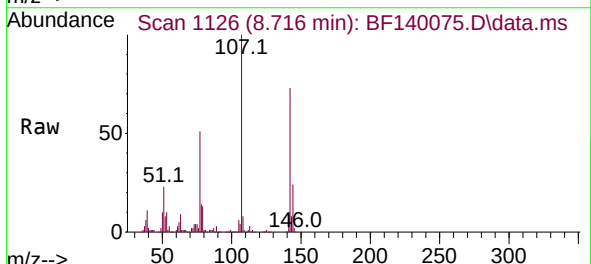
Manual Integrations  
 APPROVED

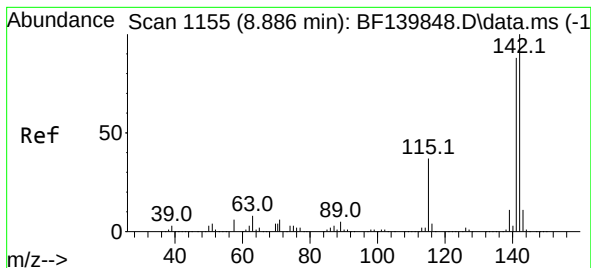
Reviewed By :Yogesh Patel 10/29/2024  
 Supervised By :mohammad ahmed 10/30/2024



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.128 ng  
 RT: 8.716 min Scan# 1126  
 Delta R.T. 0.006 min  
 Lab File: BF140075.D  
 Acq: 28 Oct 2024 09:32

Tgt Ion:107 Resp: 305431  
 Ion Ratio Lower Upper  
 107 100  
 144 24.4 19.1 28.7  
 142 73.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.271 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 616924

Ion Ratio Lower Upper

142 100

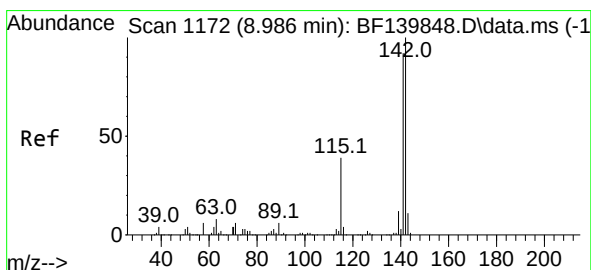
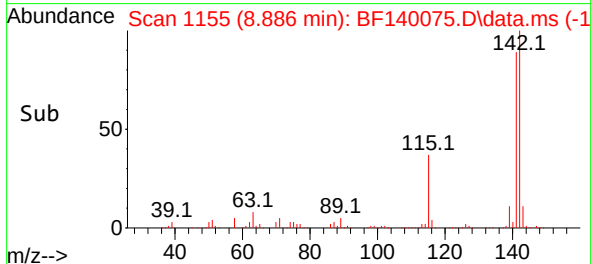
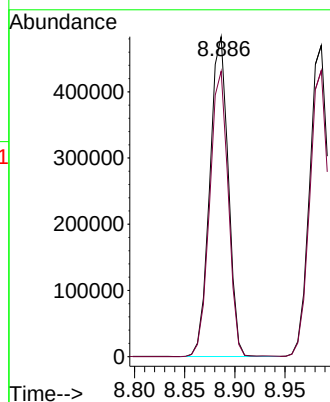
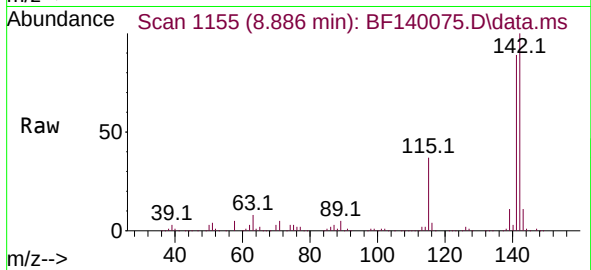
141 89.2 70.8 106.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#38

1-Methylnaphthalene

Concen: 39.400 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140075.D

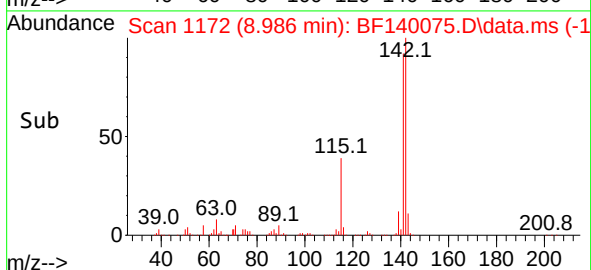
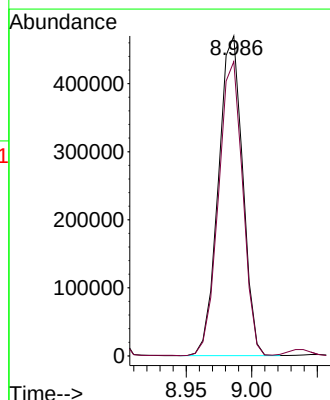
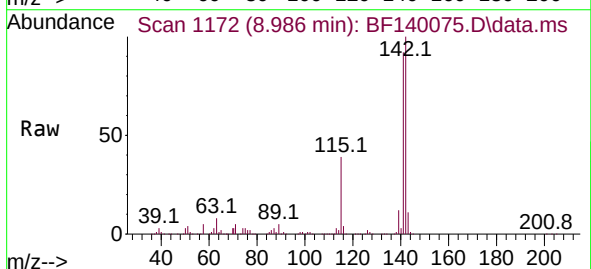
Acq: 28 Oct 2024 09:32

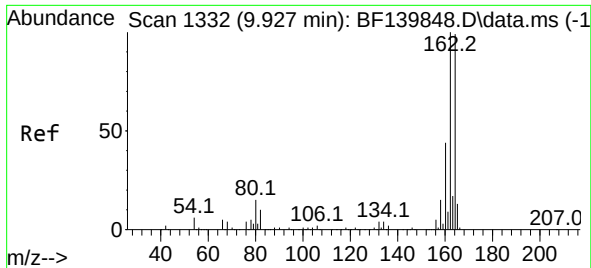
Tgt Ion:142 Resp: 607270

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3





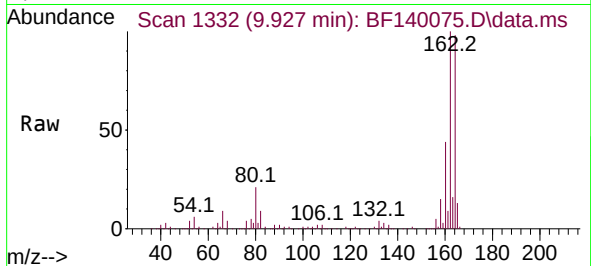
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.927 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

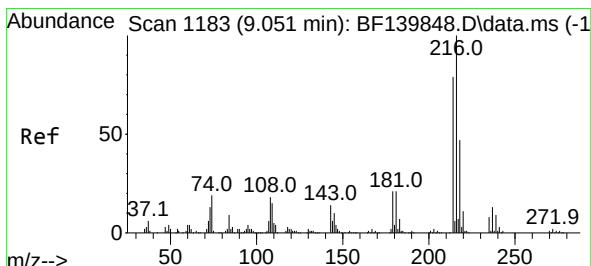
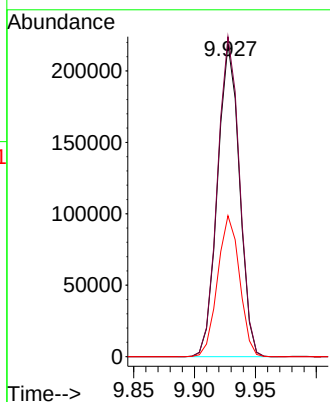
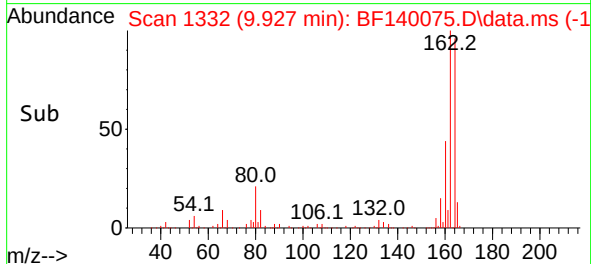


Tgt Ion:164 Resp: 274065  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.0 121.4  
160 45.1 35.4 53.0

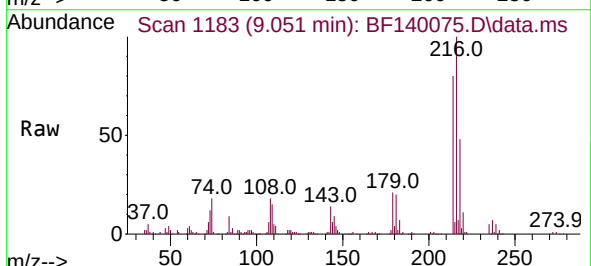
Manual Integrations

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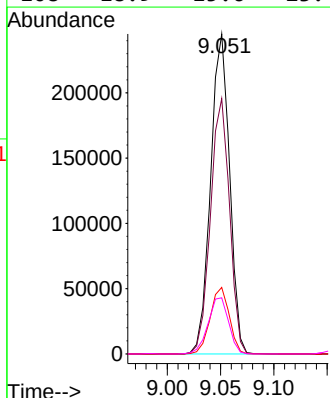
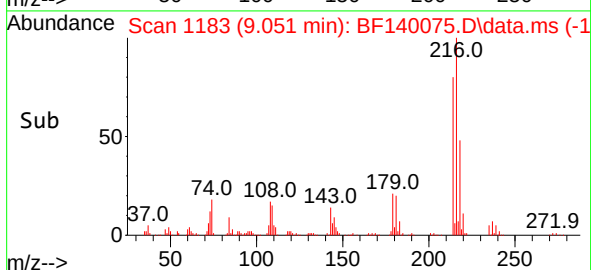
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

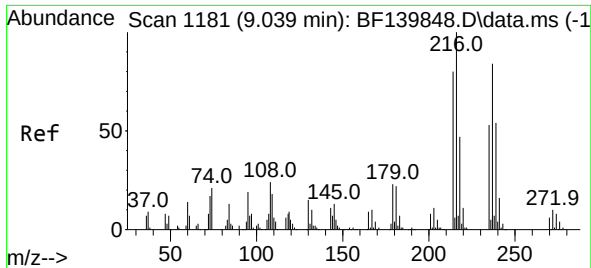


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.099 ng  
RT: 9.051 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:216 Resp: 303883  
Ion Ratio Lower Upper  
216 100  
214 80.2 63.4 95.0  
179 20.9 17.2 25.8  
108 18.9 15.6 23.4





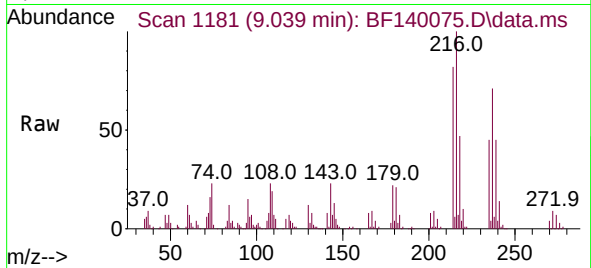
#41  
Hexachlorocyclopentadiene  
Concen: 38.781 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



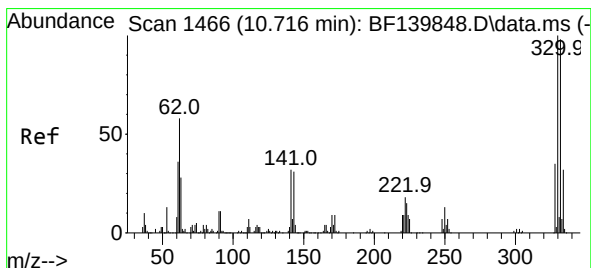
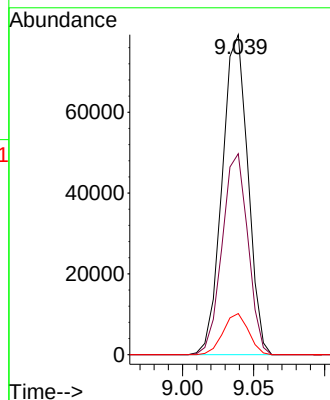
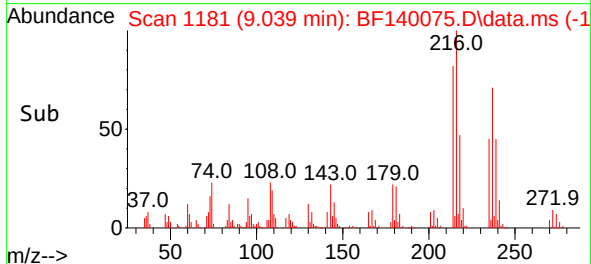
Tgt Ion:237 Resp: 99773  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.9 82.9  
272 12.8 0.0 32.3

Manual Integrations

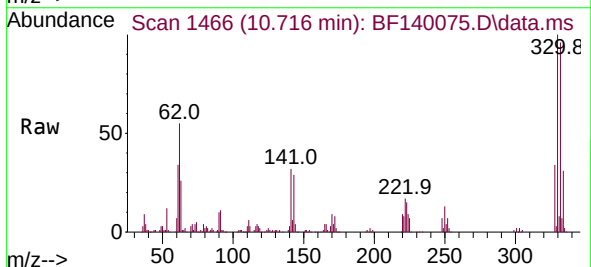
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

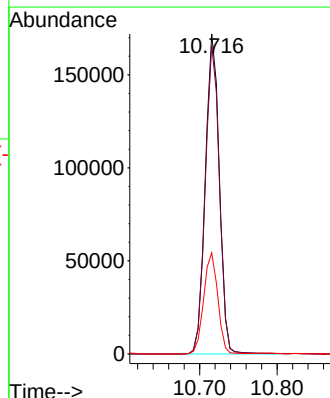
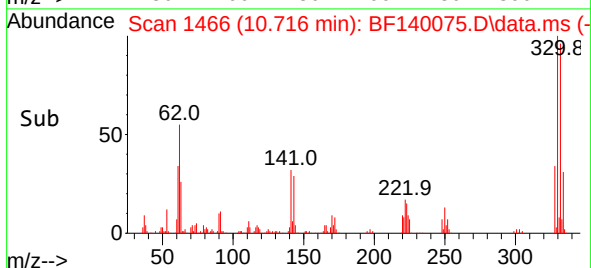
Supervised By :mohammad ahmed 10/30/2024



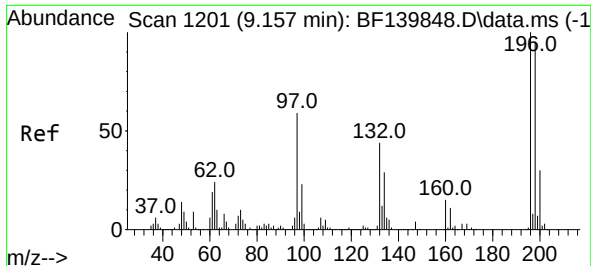
#42  
2,4,6-Tribromophenol  
Concen: 84.285 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:330 Resp: 216066  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.1 117.1  
141 31.7 26.6 39.8







#43

2,4,6-Trichlorophenol

Concen: 39.258 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 20550

Ion Ratio Lower Upper

196 100

198 96.0 76.2 114.2

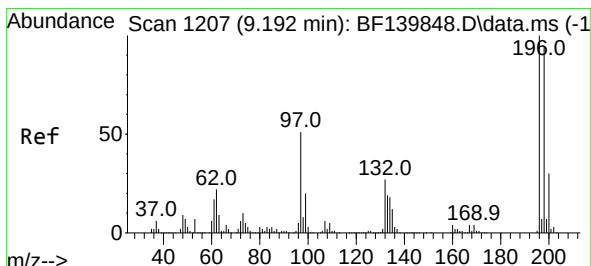
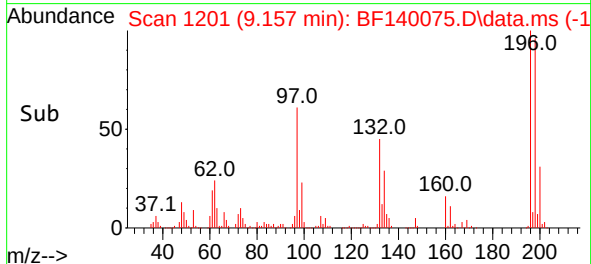
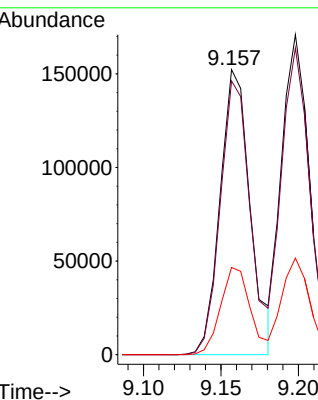
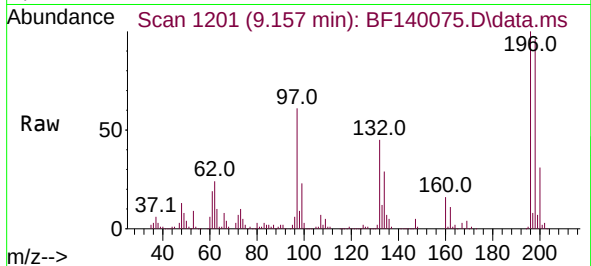
200 30.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#44

2,4,5-Trichlorophenol

Concen: 39.754 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Tgt Ion:196 Resp: 214705

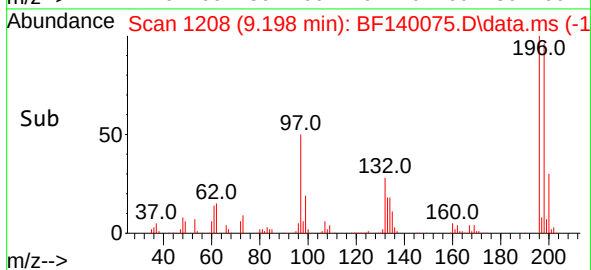
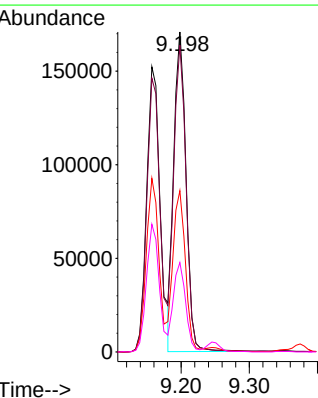
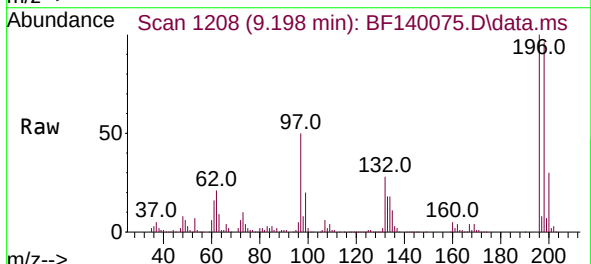
Ion Ratio Lower Upper

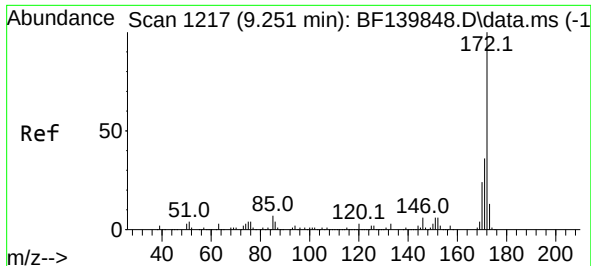
196 100

198 95.8 75.8 113.6

97 50.4 41.8 62.6

132 27.9 22.9 34.3





#45  
2-Fluorobiphenyl  
Concen: 79.000 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

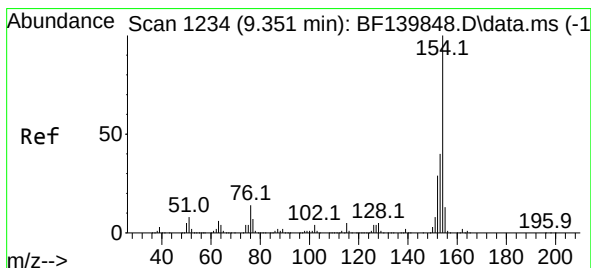
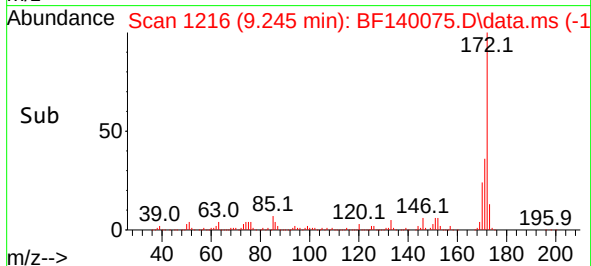
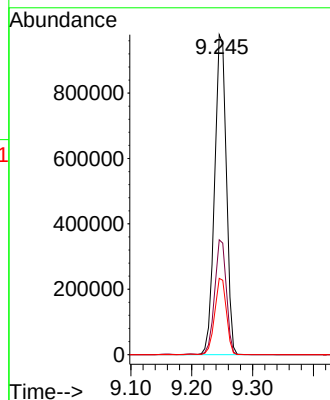
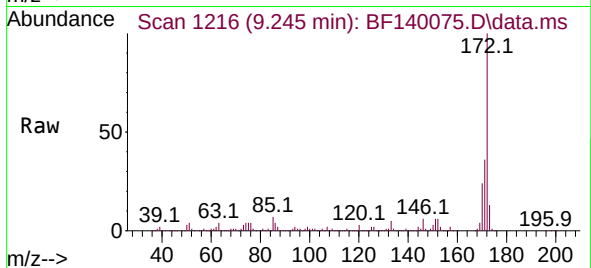
SSTDCCC040

Tgt Ion:172 Resp: 1310048  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 43.0  
170 23.8 19.1 28.7

Manual Integrations

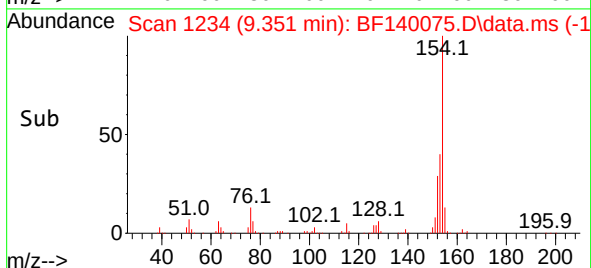
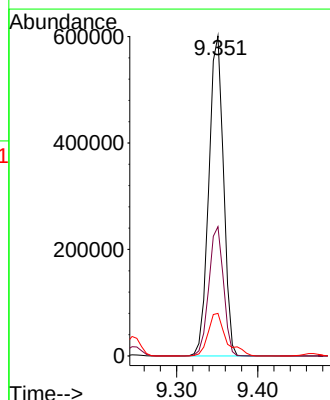
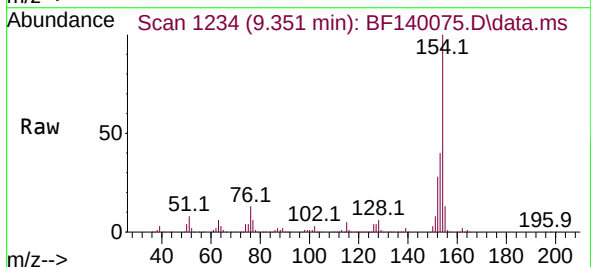
APPROVED

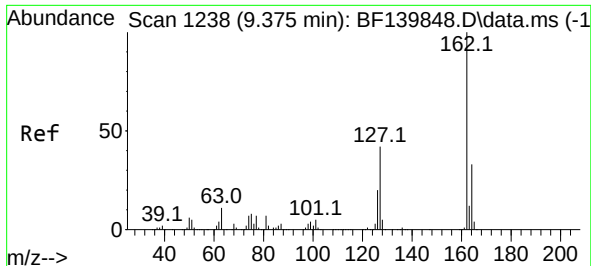
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#46  
1,1'-Biphenyl  
Concen: 39.635 ng  
RT: 9.351 min Scan# 1234  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:154 Resp: 756187  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.3 60.3  
76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.398 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 620778

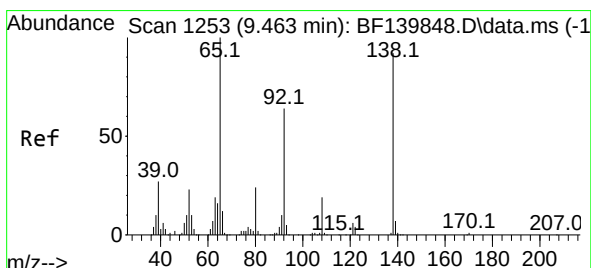
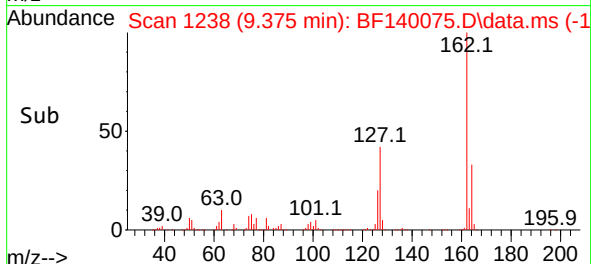
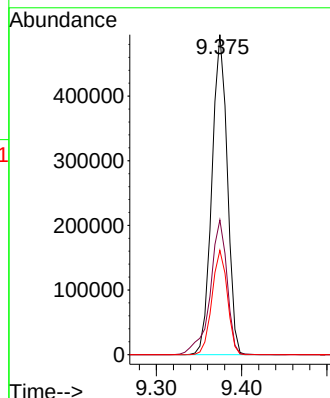
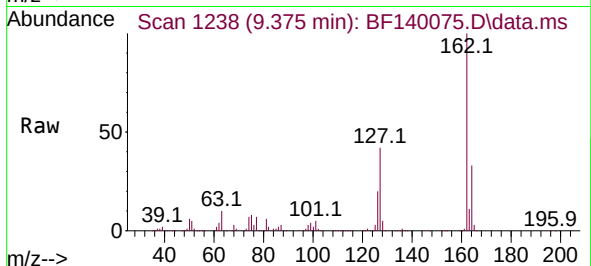
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.1  | 33.8  | 50.6  |
| 164 | 32.6  | 26.6  | 39.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#48

2-Nitroaniline

Concen: 42.796 ng

RT: 9.469 min Scan# 1254

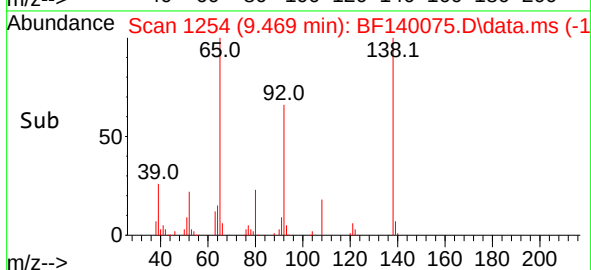
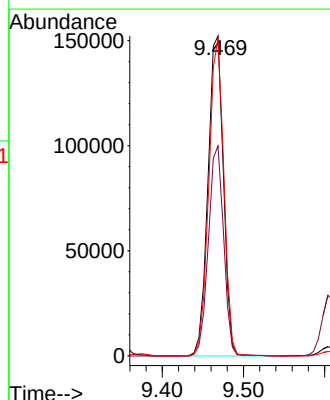
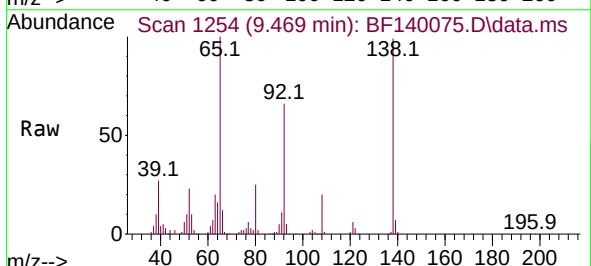
Delta R.T. 0.006 min

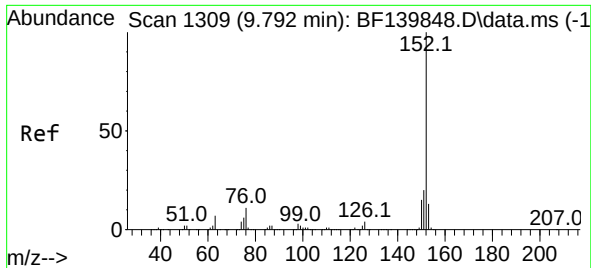
Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Tgt Ion: 65 Resp: 201129

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 65.6  | 50.9  | 76.3  |
| 138 | 99.2  | 73.4  | 110.0 |





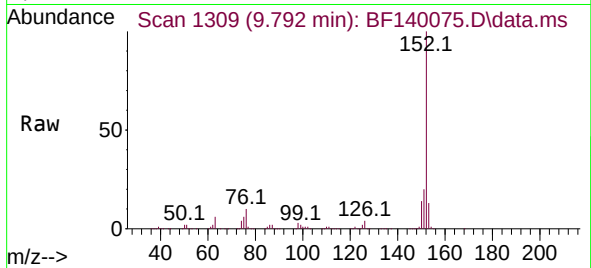
#49  
Acenaphthylene  
Concen: 40.124 ng  
RT: 9.792 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

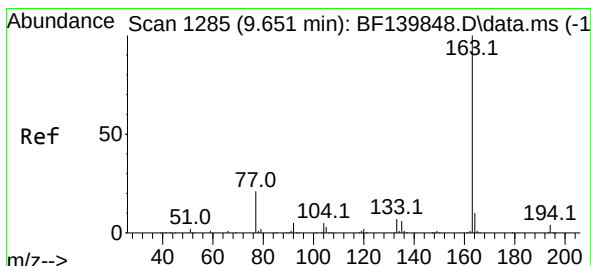
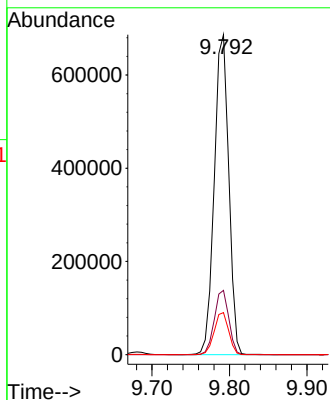
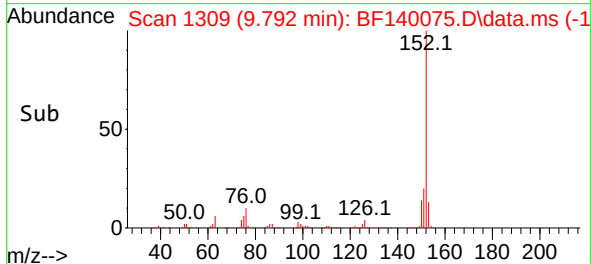


Tgt Ion:152 Resp: 891362  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.9 23.9  
153 13.1 10.7 16.1

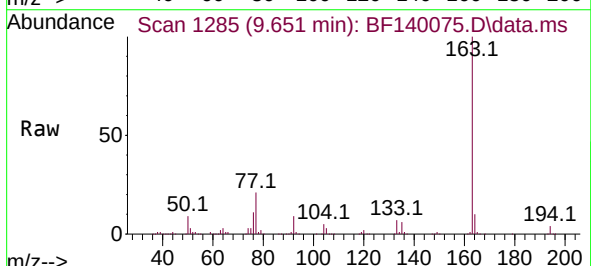
Manual Integrations

APPROVED

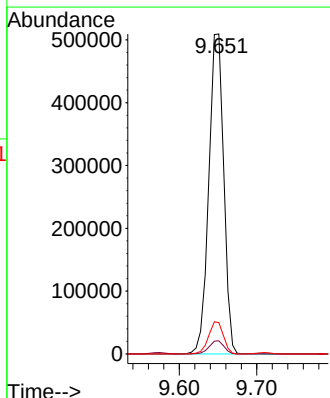
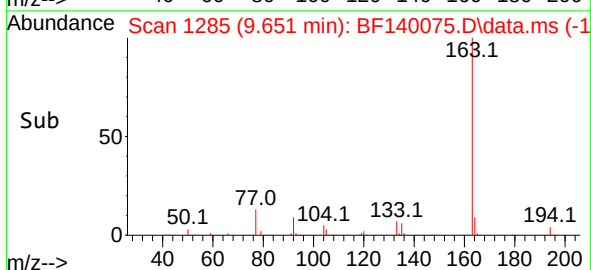
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

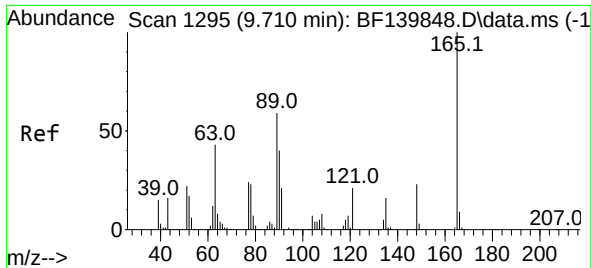


#50  
Dimethylphthalate  
Concen: 39.953 ng  
RT: 9.651 min Scan# 1285  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:163 Resp: 682031  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 9.8 8.2 12.2





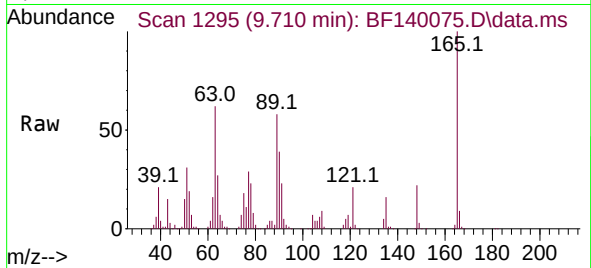
#51  
2,6-Dinitrotoluene  
Concen: 43.701 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

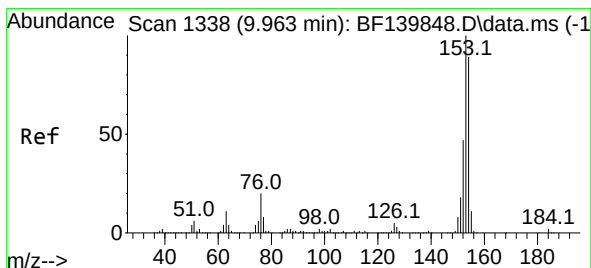
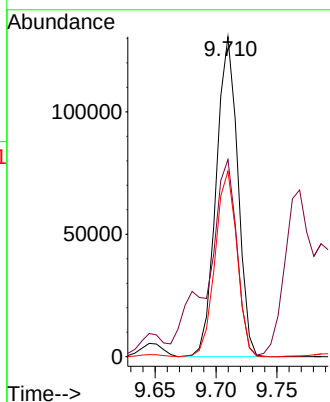
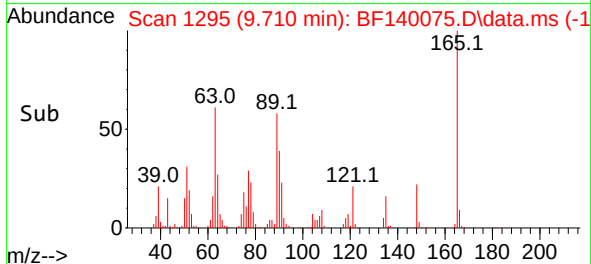


Tgt Ion:165 Resp: 161527  
Ion Ratio Lower Upper  
165 100  
63 61.6 50.6 75.8  
89 58.0 47.5 71.3

Manual Integrations

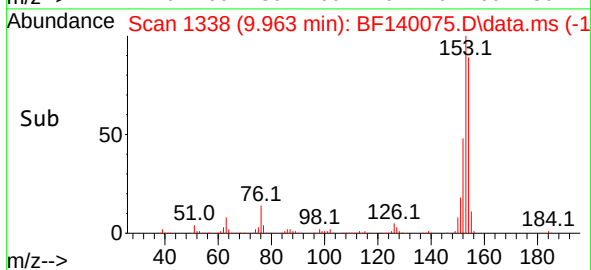
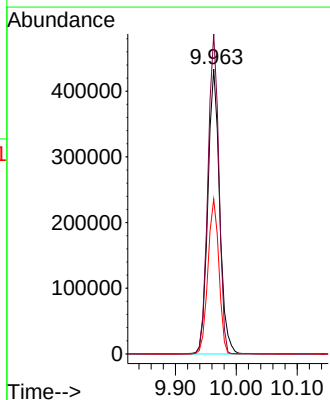
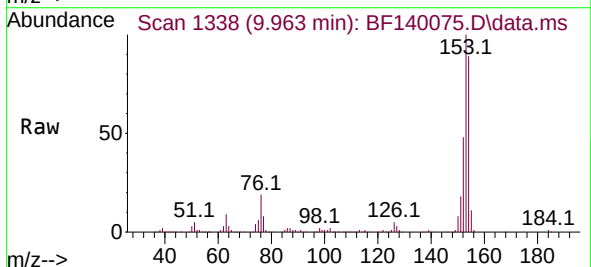
APPROVED

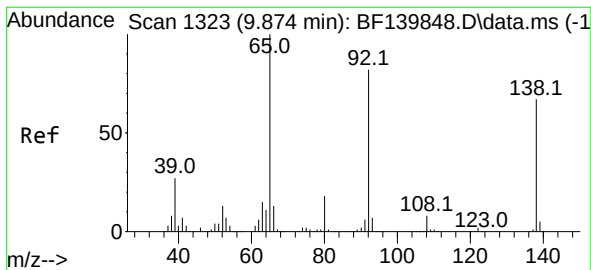
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#52  
Acenaphthene  
Concen: 40.343 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:154 Resp: 579769  
Ion Ratio Lower Upper  
154 100  
153 112.4 89.8 134.6  
152 54.4 42.4 63.6





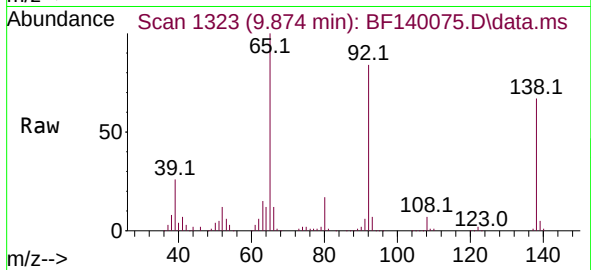
#53  
3-Nitroaniline  
Concen: 42.148 ng  
RT: 9.874 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



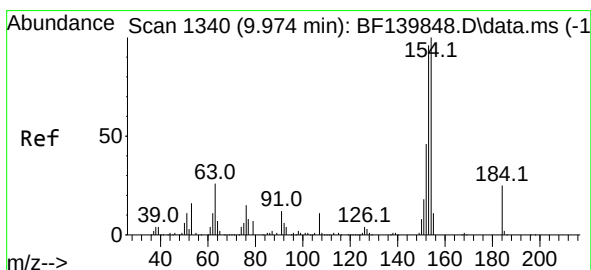
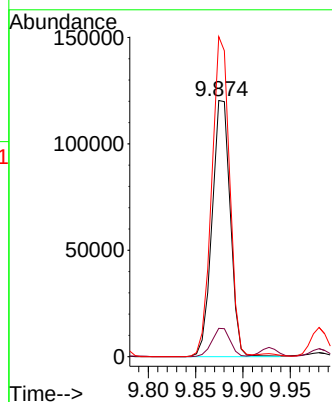
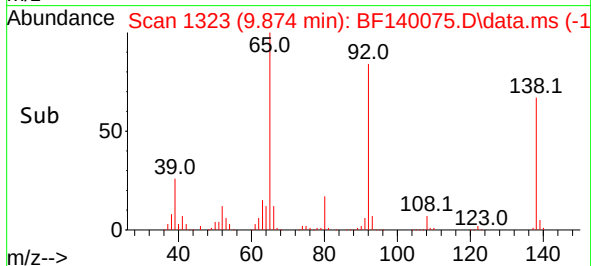
Tgt Ion:138 Resp: 160653  
Ion Ratio Lower Upper  
138 100  
108 11.0 10.2 15.2  
92 125.0 98.3 147.5

Manual Integrations

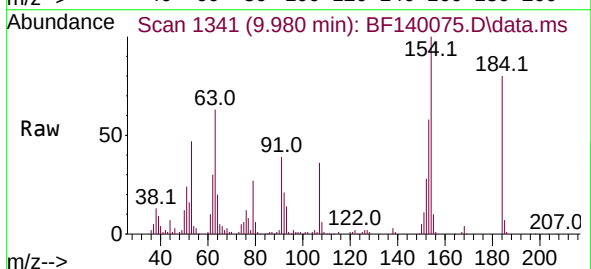
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

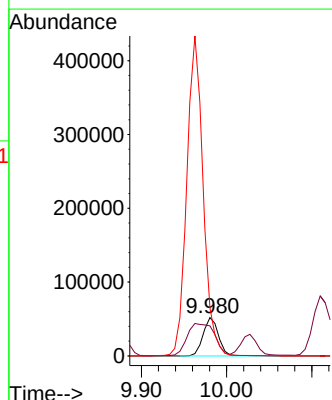
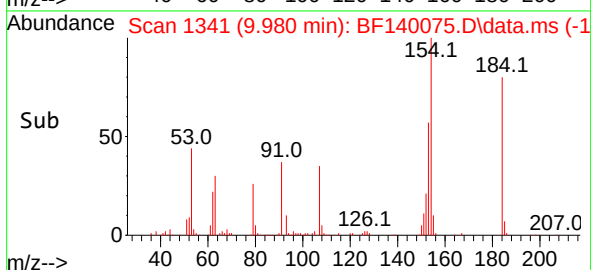
Supervised By :mohammad ahmed 10/30/2024

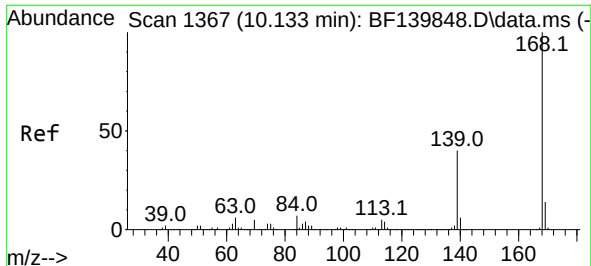


#54  
2,4-Dinitrophenol  
Concen: 45.309 ng  
RT: 9.980 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



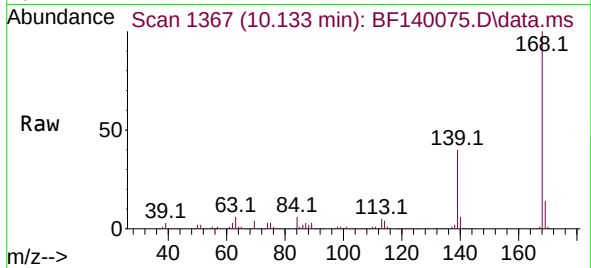
Tgt Ion:184 Resp: 64847  
Ion Ratio Lower Upper  
184 100  
63 78.4 84.7 127.1#  
154 125.1 338.2 507.2#





#55  
Dibenzofuran  
Concen: 39.443 ng  
RT: 10.133 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

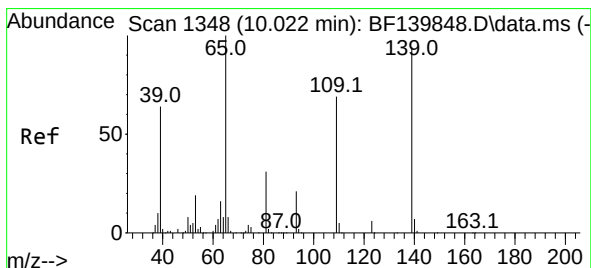
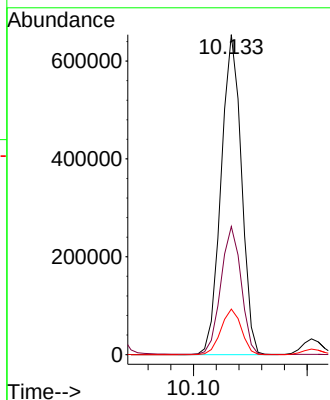
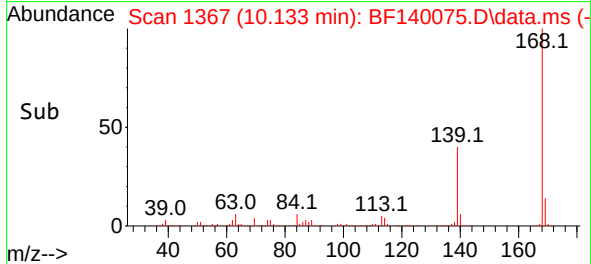
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



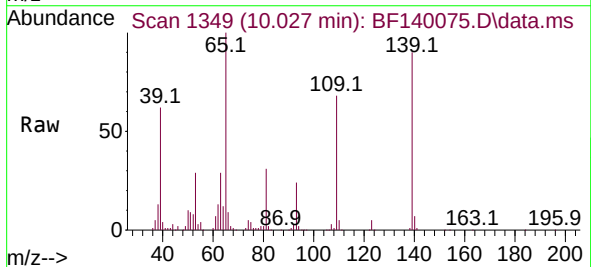
Tgt Ion:168 Resp: 813269  
Ion Ratio Lower Upper  
168 100  
139 40.0 31.8 47.6  
169 14.2 11.6 17.4

Manual Integrations  
APPROVED

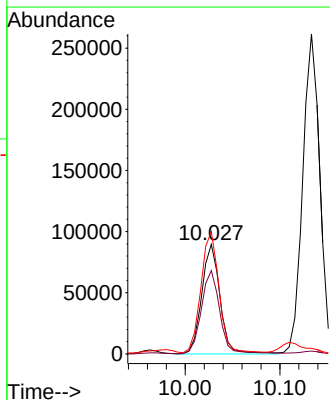
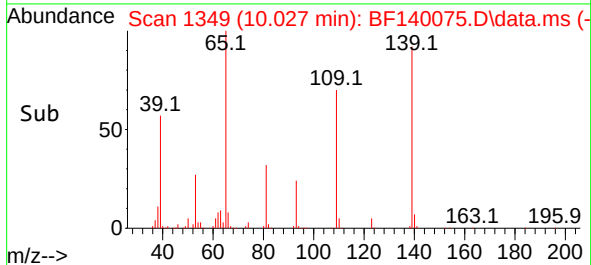
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

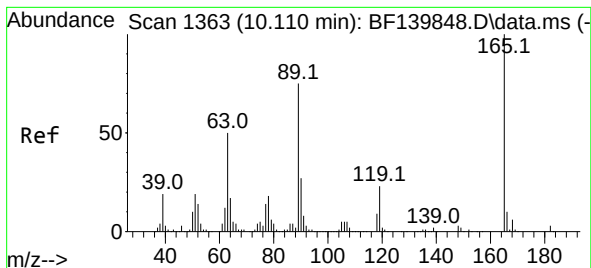


#56  
4-Nitrophenol  
Concen: 40.940 ng  
RT: 10.027 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:139 Resp: 120058  
Ion Ratio Lower Upper  
139 100  
109 76.0 53.6 93.6  
65 111.5 87.8 127.8





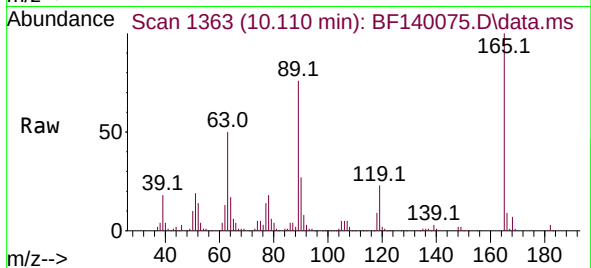
#57  
2,4-Dinitrotoluene  
Concen: 46.125 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



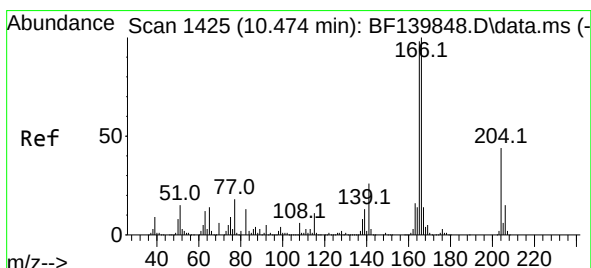
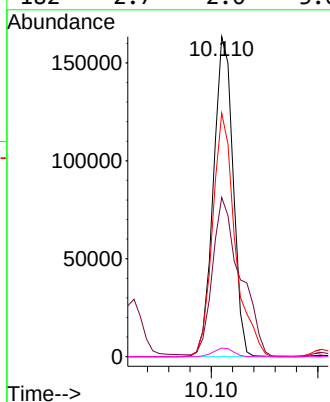
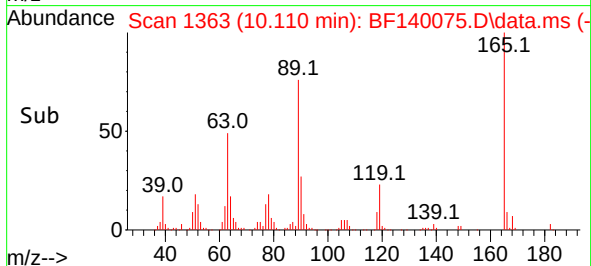
Tgt Ion:165 Resp: 209655  
Ion Ratio Lower Upper  
165 100  
63 49.7 40.1 60.1  
89 76.1 60.4 90.6  
182 2.7 2.0 3.0

Manual Integrations

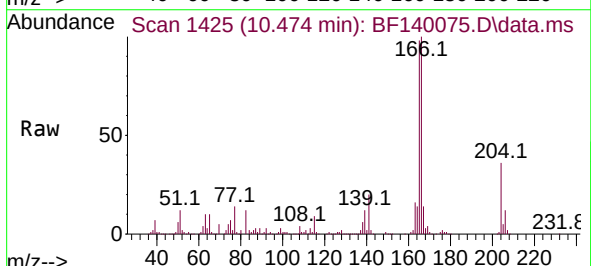
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

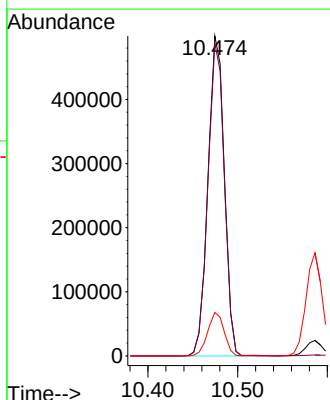
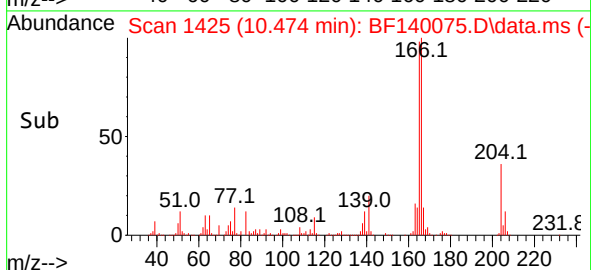
Supervised By :mohammad ahmed 10/30/2024



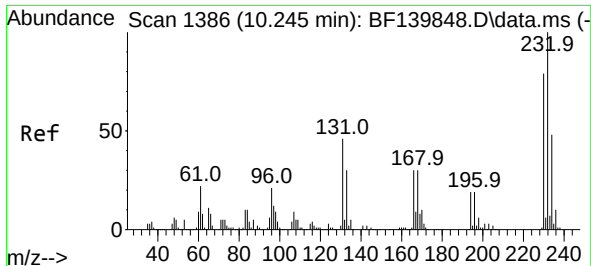
#58  
Fluorene  
Concen: 40.338 ng  
RT: 10.474 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:166 Resp: 633488  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.5 117.7  
167 13.6 10.9 16.3







#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.257 ng  
RT: 10.251 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

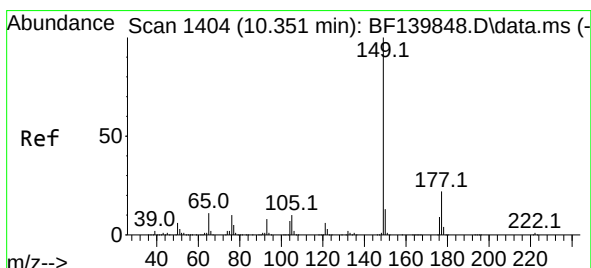
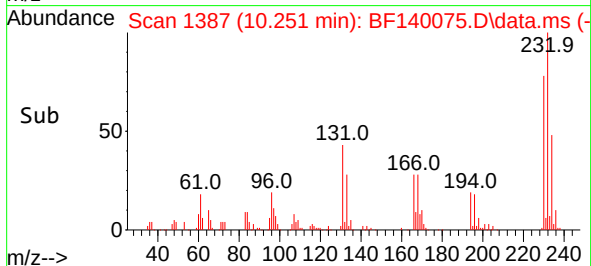
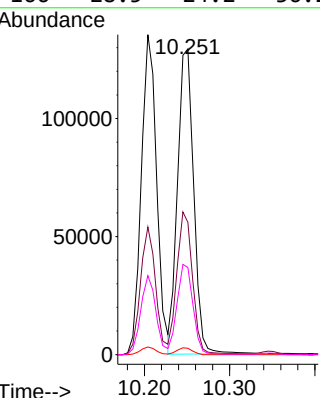
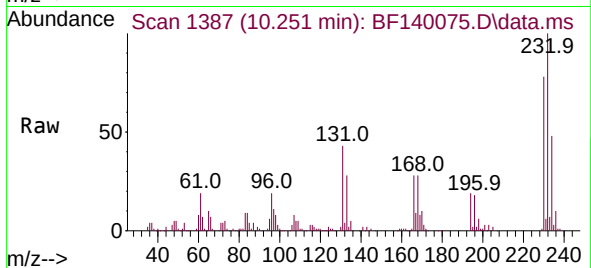
SSTDCCC040

Tgt Ion:232 Resp: 170444  
Ion Ratio Lower Upper  
232 100  
131 45.6 37.0 55.6  
130 2.1 1.9 2.9  
166 28.5 24.2 36.2

Manual Integrations

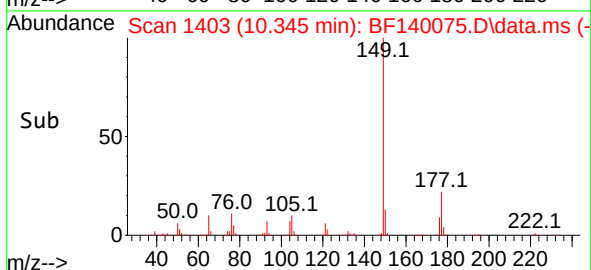
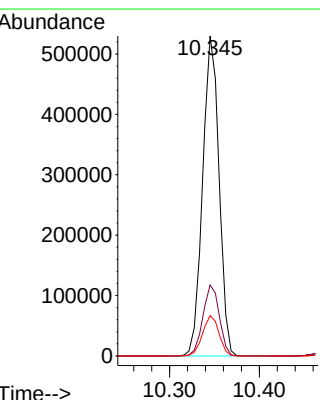
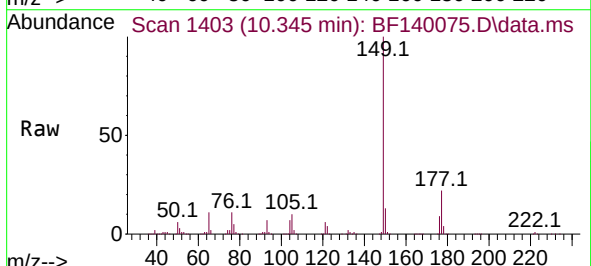
APPROVED

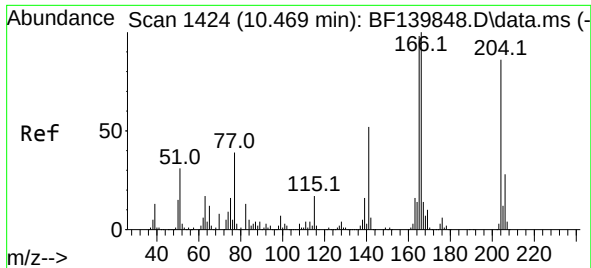
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#60  
Diethylphthalate  
Concen: 40.303 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

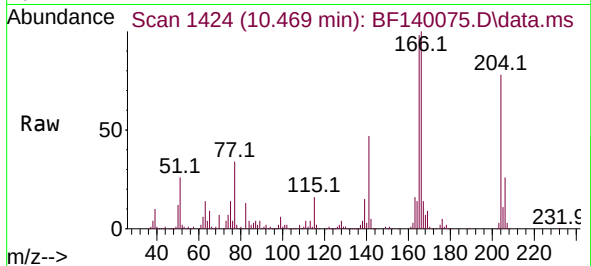
Tgt Ion:149 Resp: 675530  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.9 26.9  
150 12.6 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 40.907 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

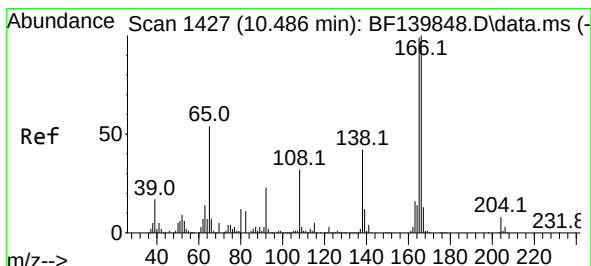
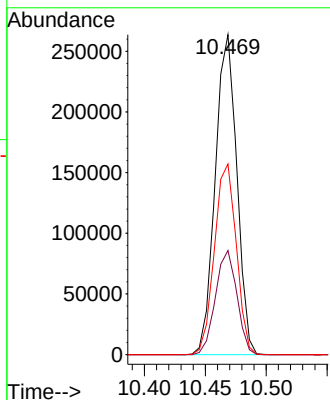
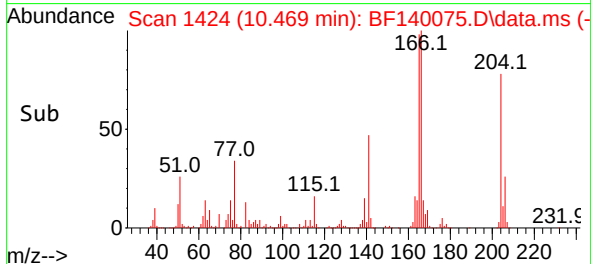
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



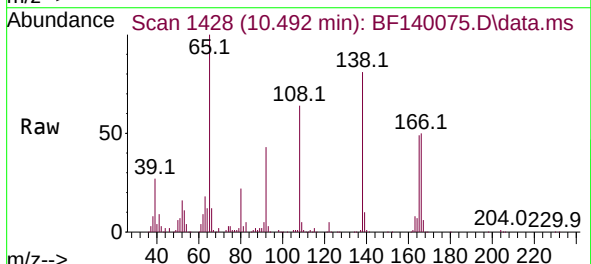
Tgt Ion:204 Resp: 324436  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.3 39.5  
141 59.6 48.6 73.0

Manual Integrations  
APPROVED

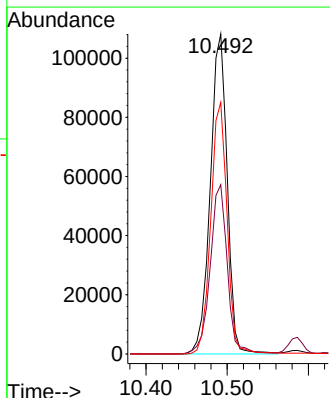
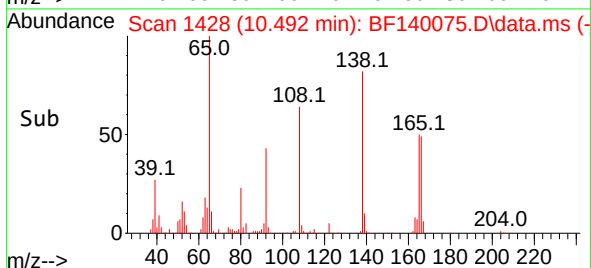
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

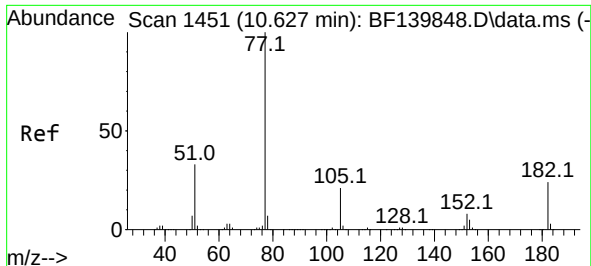


#62  
4-Nitroaniline  
Concen: 43.535 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:138 Resp: 156727  
Ion Ratio Lower Upper  
138 100  
92 52.9 35.7 75.7  
108 78.6 57.5 97.5





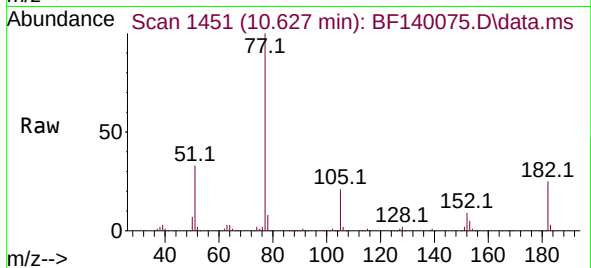
#63  
Azobenzene  
Concen: 38.577 ng  
RT: 10.627 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



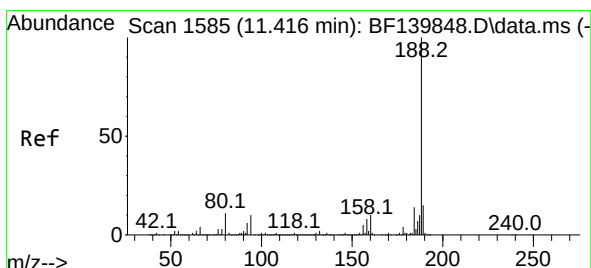
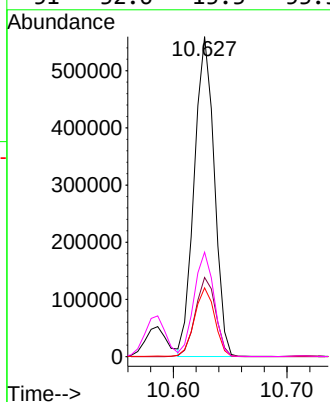
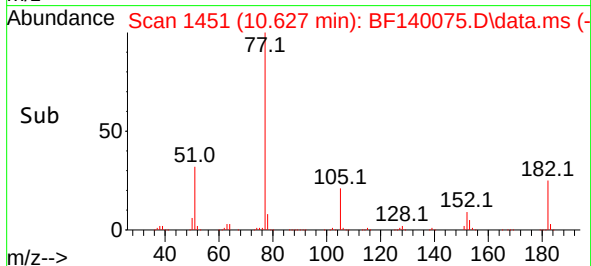
Tgt Ion: 77 Resp: 685497  
Ion Ratio Lower Upper  
77 100  
182 24.7 3.3 43.3  
105 21.5 1.2 41.2  
51 32.6 13.3 53.3

Manual Integrations

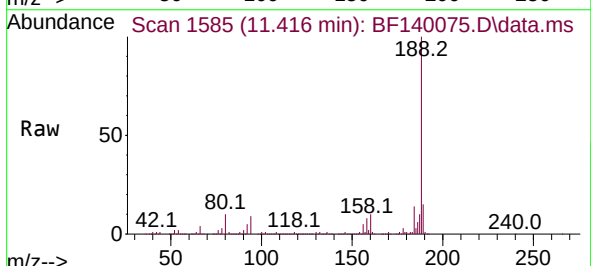
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

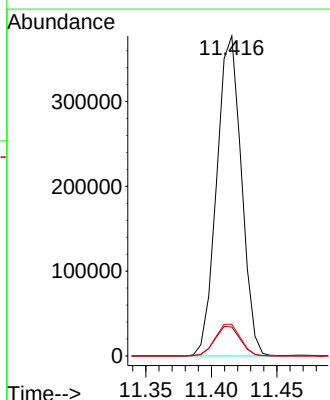
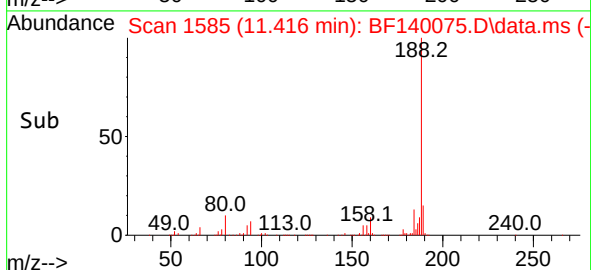
Supervised By :mohammad ahmed 10/30/2024

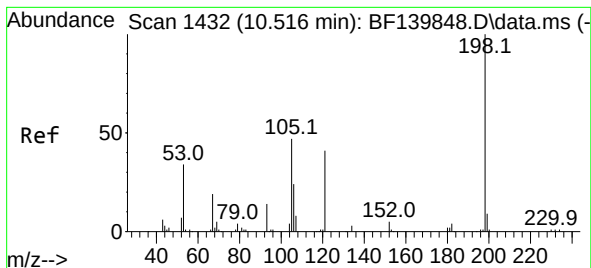


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:188 Resp: 494703  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.9 11.9  
80 9.9 9.0 13.4





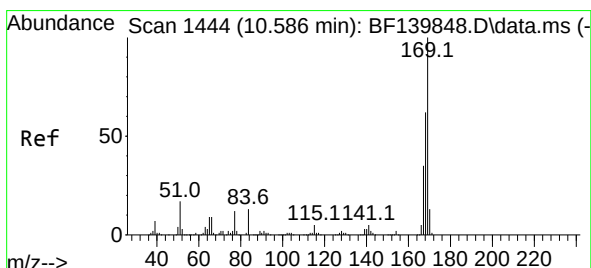
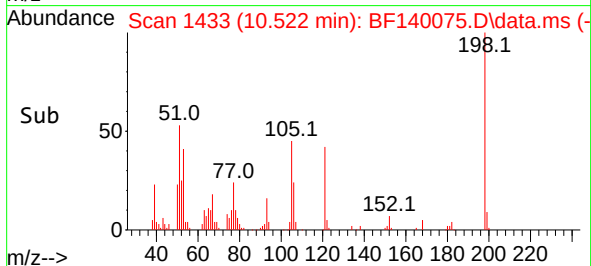
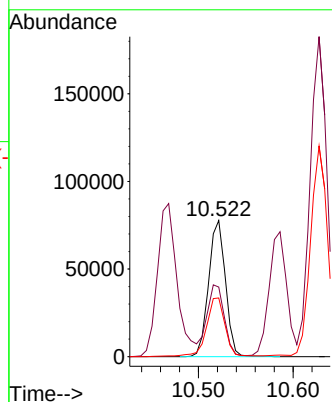
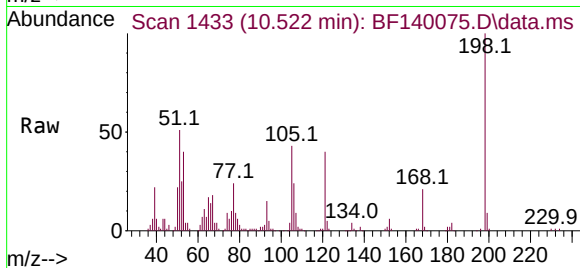
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.659 ng  
RT: 10.522 min Scan# 1432  
Delta R.T. 0.005 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 96169  
Ion Ratio Lower Upper  
198 100  
51 51.1 38.2 78.2  
105 43.0 27.9 67.9

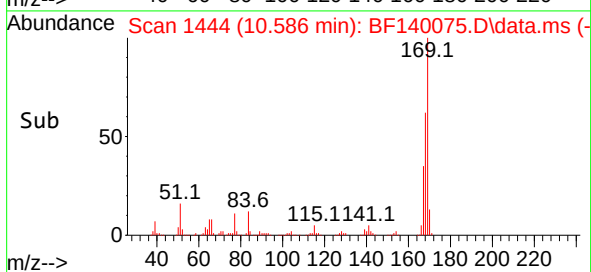
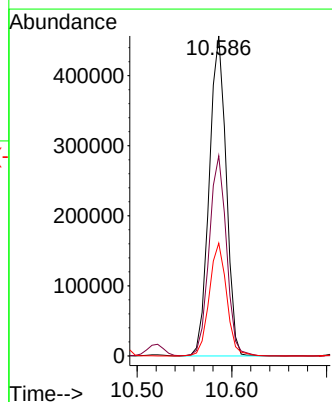
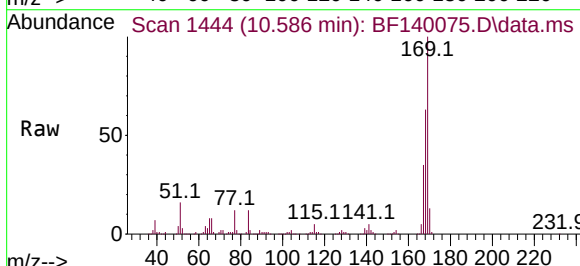
Manual Integrations  
APPROVED

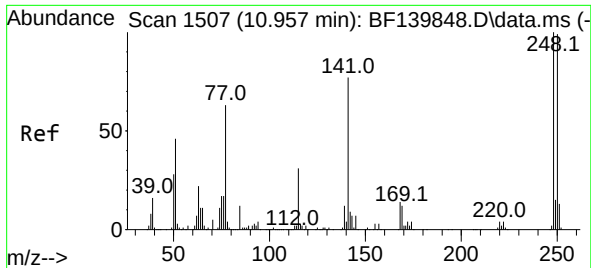
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#66  
n-Nitrosodiphenylamine  
Concen: 38.436 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:169 Resp: 569092  
Ion Ratio Lower Upper  
169 100  
168 62.5 49.8 74.6  
167 35.2 28.0 42.0





#67  
4-Bromophenyl-phenylether  
Concen: 40.268 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

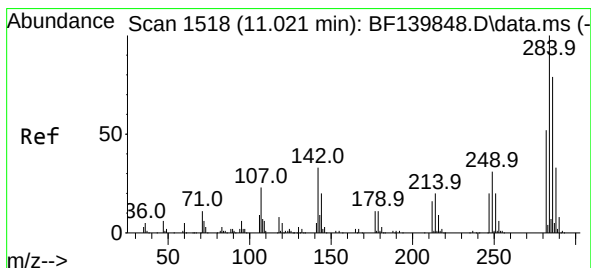
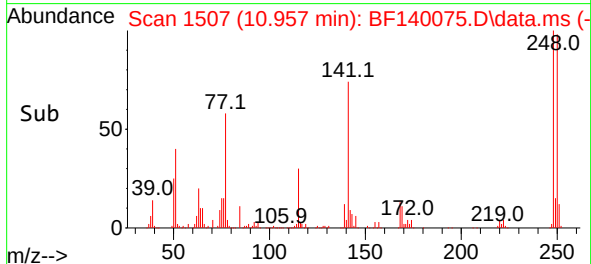
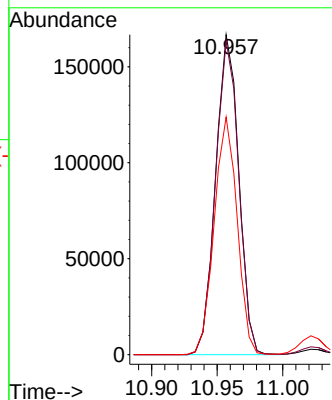
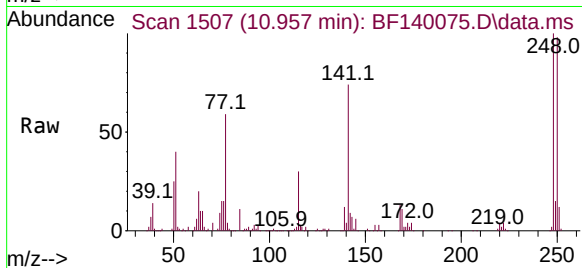
SSTDCCC040

Tgt Ion:248 Resp: 205221  
Ion Ratio Lower Upper  
248 100  
250 98.0 79.0 118.6  
141 74.2 61.7 92.5

Manual Integrations

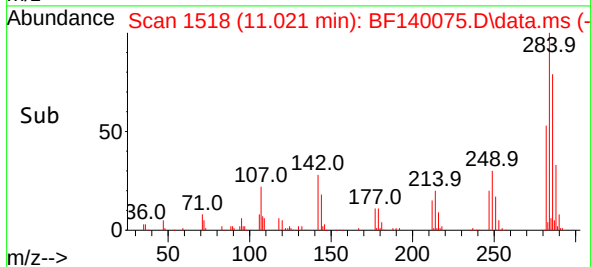
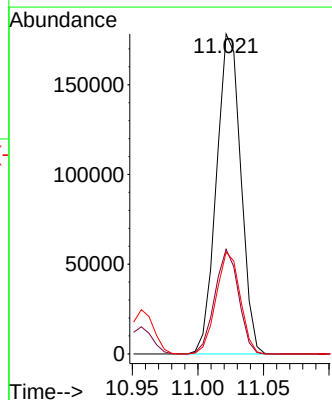
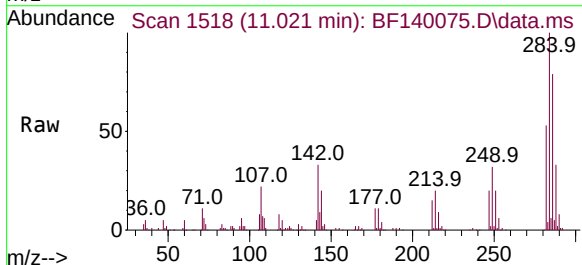
APPROVED

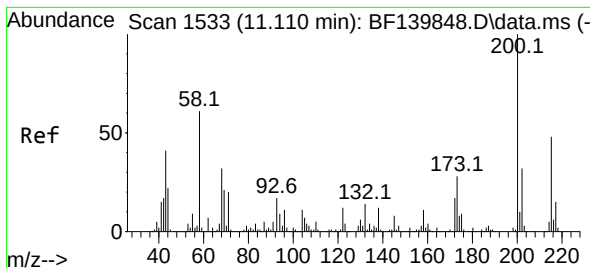
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#68  
Hexachlorobenzene  
Concen: 40.175 ng  
RT: 11.021 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:284 Resp: 230272  
Ion Ratio Lower Upper  
284 100  
142 32.7 26.9 40.3  
249 31.8 25.3 37.9





#69

Atrazine

Concen: 38.680 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 15513

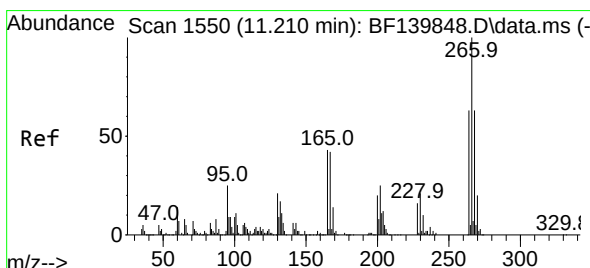
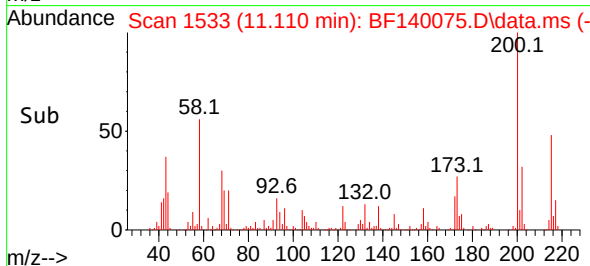
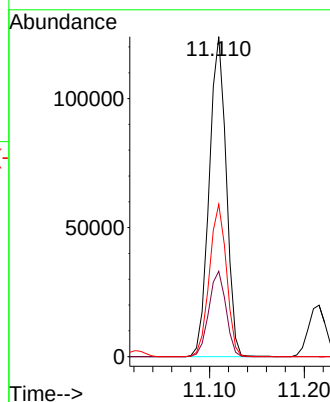
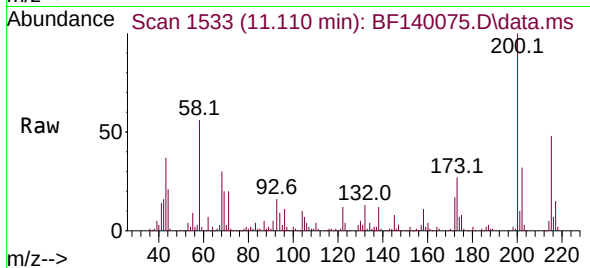
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 26.7  | 7.7   | 47.7  |
| 215 | 47.6  | 27.7  | 67.7  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#70

Pentachlorophenol

Concen: 40.865 ng

RT: 11.216 min Scan# 1551

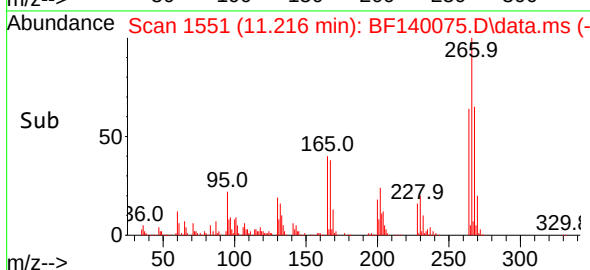
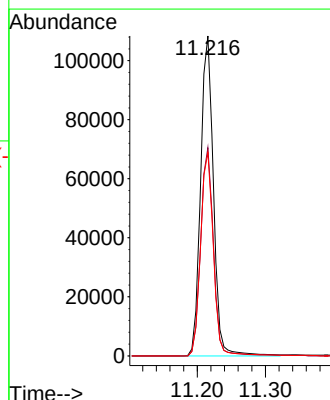
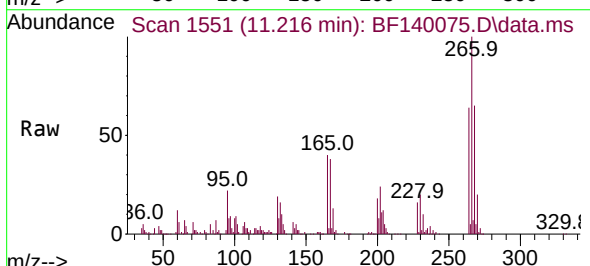
Delta R.T. 0.006 min

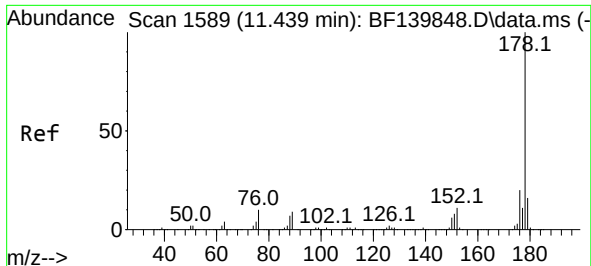
Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Tgt Ion:266 Resp: 142153

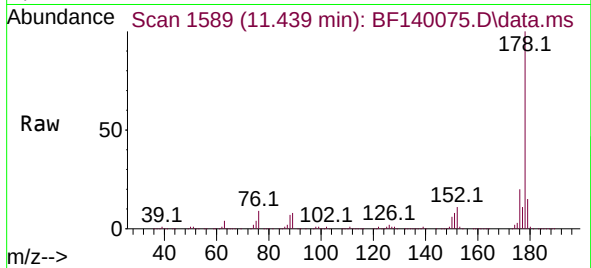
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 65.1  | 50.4  | 75.6  |
| 264 | 63.6  | 50.6  | 75.8  |





#71  
Phenanthrene  
Concen: 38.500 ng  
RT: 11.439 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

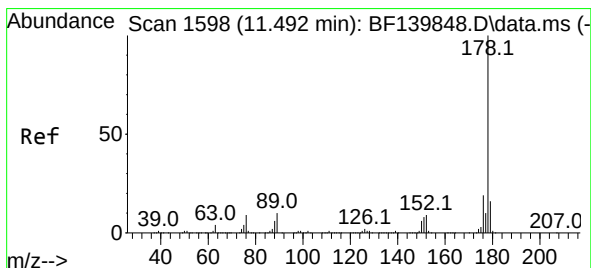
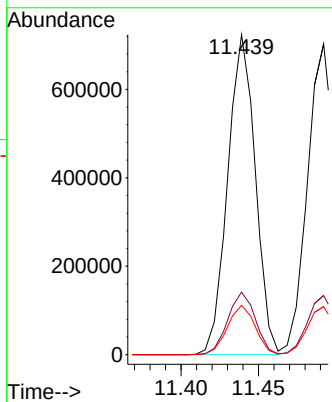
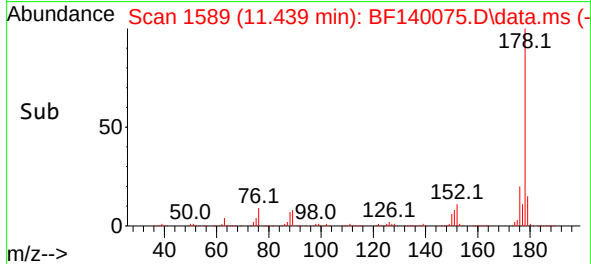
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



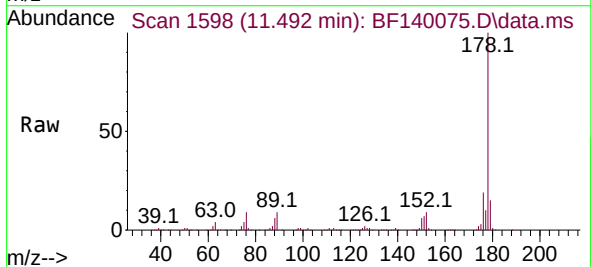
Tgt Ion:178 Resp: 899645  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.8 23.6  
179 15.4 12.6 18.8

Manual Integrations  
APPROVED

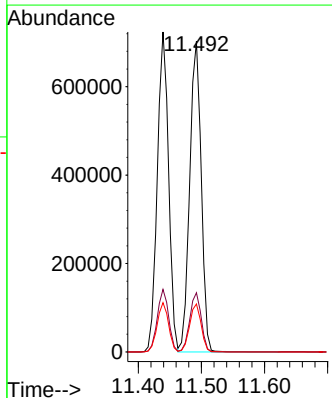
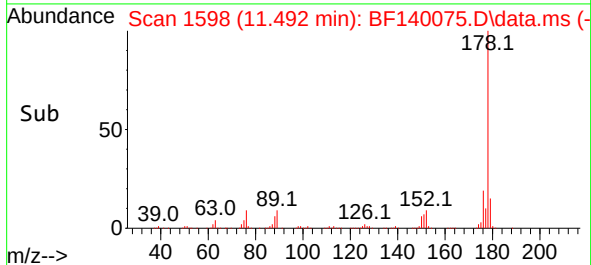
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

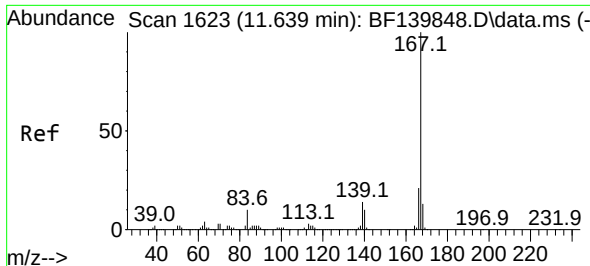


#72  
Anthracene  
Concen: 38.994 ng  
RT: 11.492 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



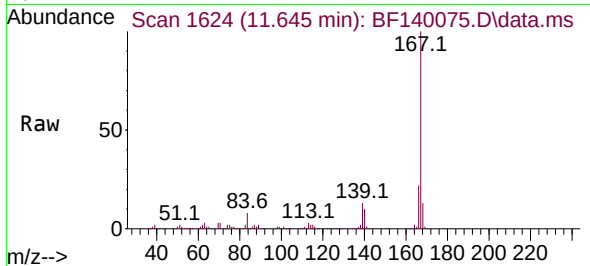
Tgt Ion:178 Resp: 889039  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.4 12.4 18.6





#73  
 Carbazole  
 Concen: 37.870 ng  
 RT: 11.645 min Scan# 1624  
 Delta R.T. 0.006 min  
 Lab File: BF140075.D  
 Acq: 28 Oct 2024 09:32

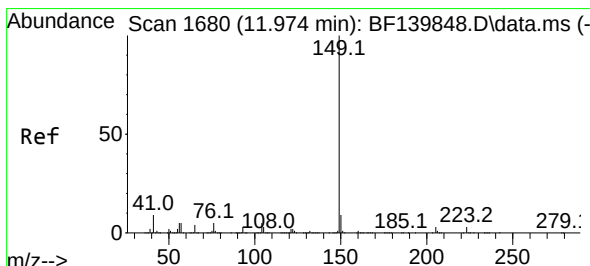
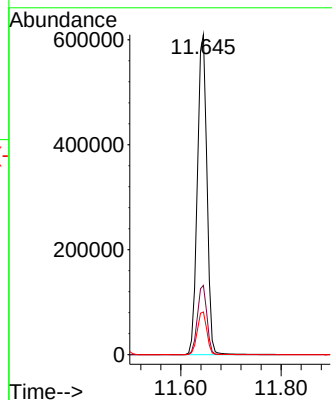
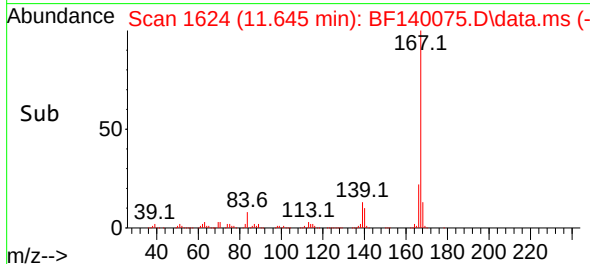
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



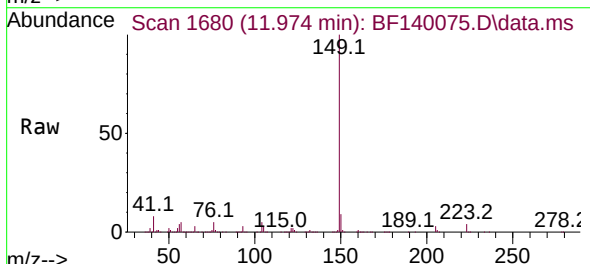
Tgt Ion:167 Resp: 803004  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.0 25.6  
 139 13.3 10.8 16.2

Manual Integrations  
 APPROVED

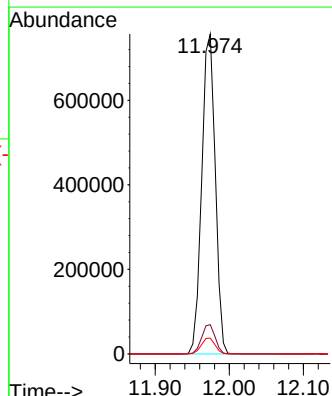
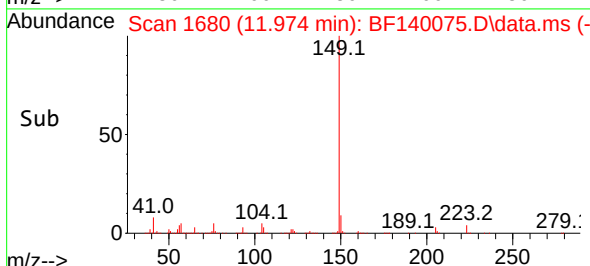
Reviewed By :Yogesh Patel 10/29/2024  
 Supervised By :mohammad ahmed 10/30/2024



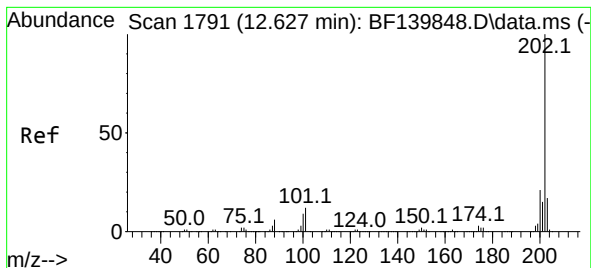
#74  
 Di-n-butylphthalate  
 Concen: 39.082 ng  
 RT: 11.974 min Scan# 1680  
 Delta R.T. -0.000 min  
 Lab File: BF140075.D  
 Acq: 28 Oct 2024 09:32



Tgt Ion:149 Resp: 957414  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.5 11.3  
 104 4.9 4.1 6.1







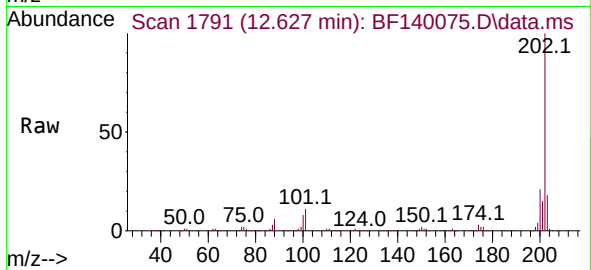
#75  
Fluoranthene  
Concen: 38.158 ng  
RT: 12.627 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



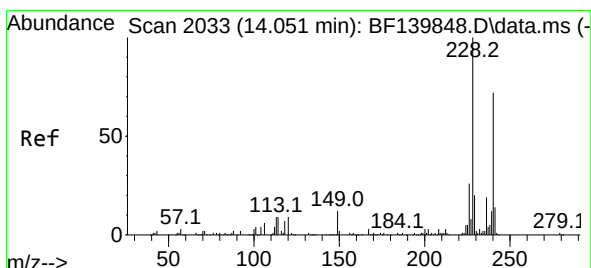
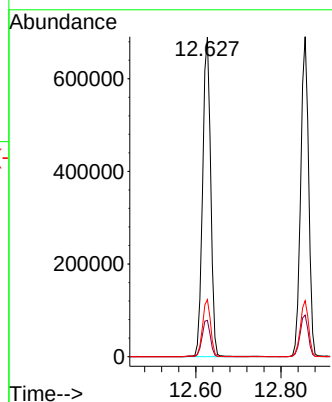
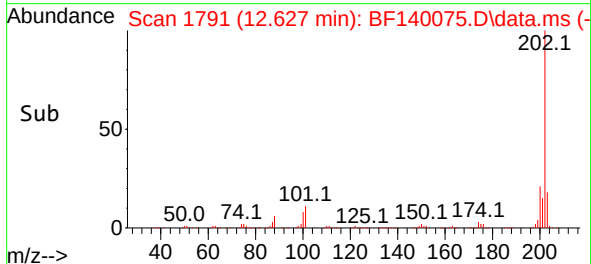
Tgt Ion:202 Resp: 901400  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.9  
203 17.8 0.0 37.5

Manual Integrations

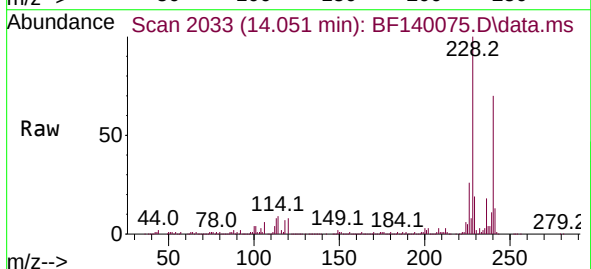
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

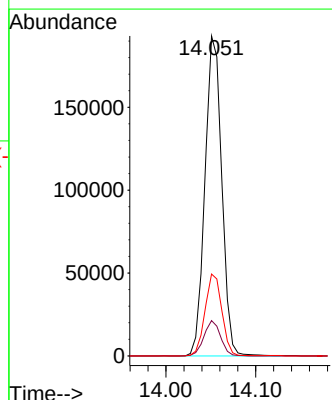
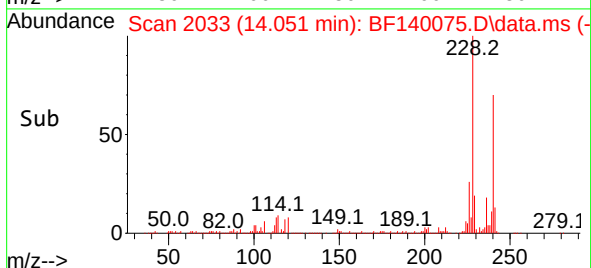
Supervised By :mohammad ahmed 10/30/2024

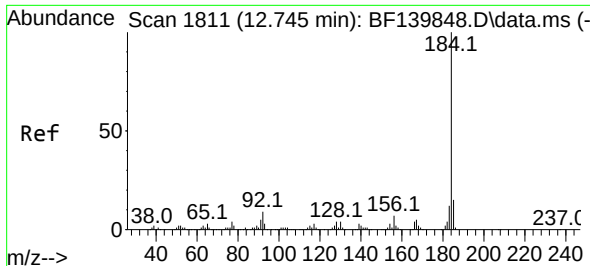


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:240 Resp: 250901  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.4 14.2  
236 25.6 20.9 31.3





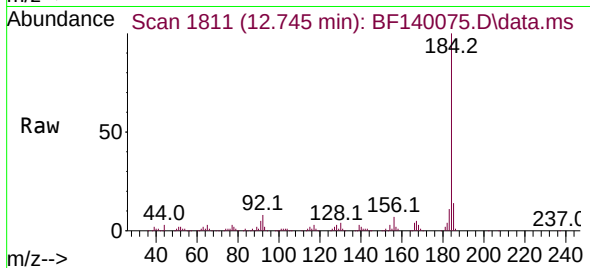
#77  
Benzidine  
Concen: 45.296 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

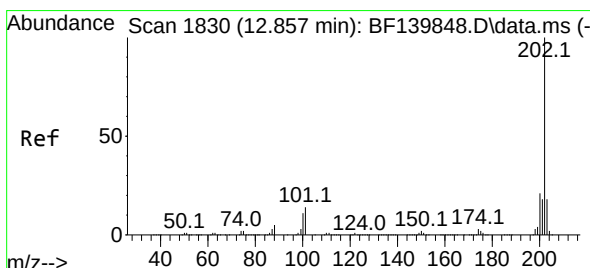
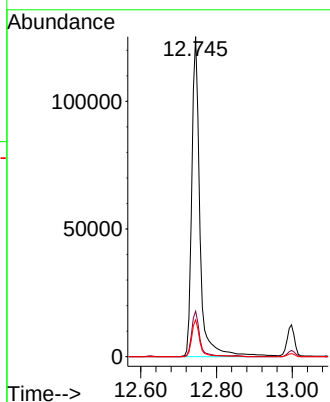
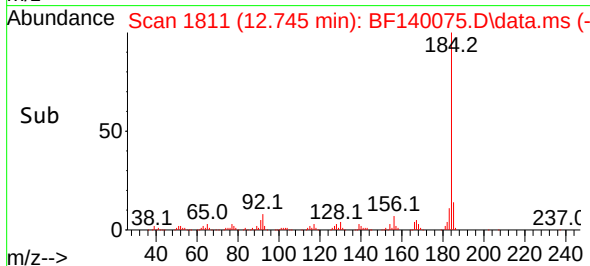


Tgt Ion:184 Resp: 186872  
Ion Ratio Lower Upper  
184 100  
185 14.2 12.0 18.0  
183 11.5 9.4 14.2

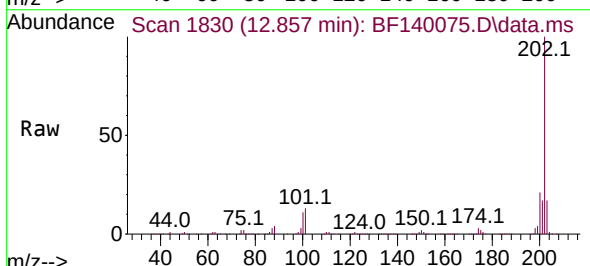
Manual Integrations

APPROVED

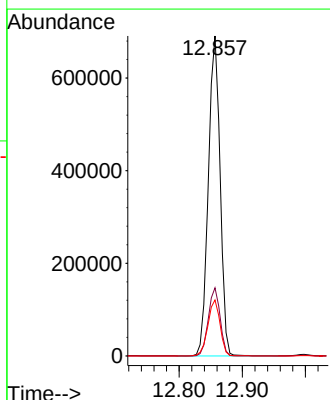
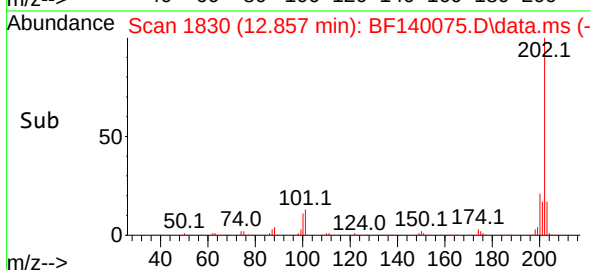
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

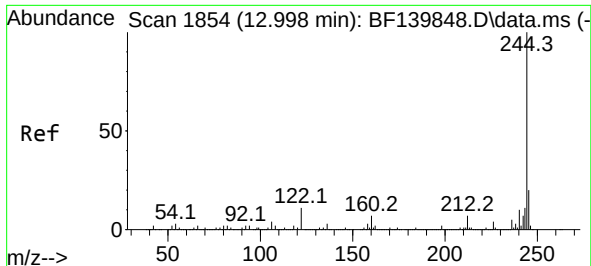


#78  
Pyrene  
Concen: 40.730 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:202 Resp: 894517  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.2 25.8  
203 17.5 14.2 21.4





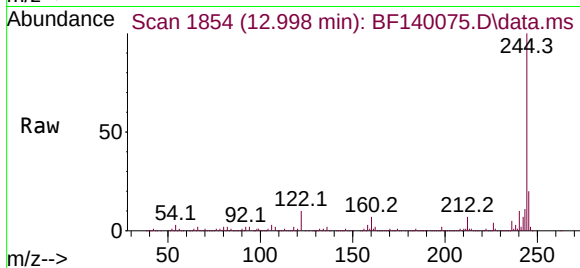
#79  
Terphenyl-d14  
Concen: 81.484 ng  
RT: 12.998 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



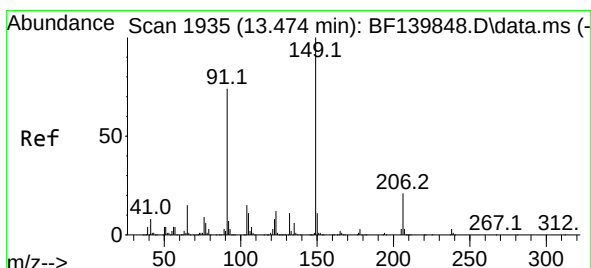
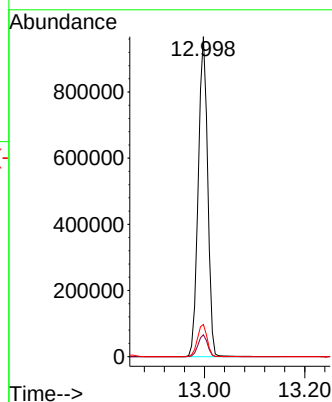
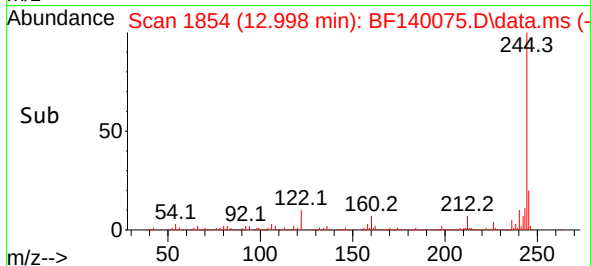
Tgt Ion:244 Resp: 1254654  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.7 8.5  
122 10.0 8.6 13.0

Manual Integrations

APPROVED

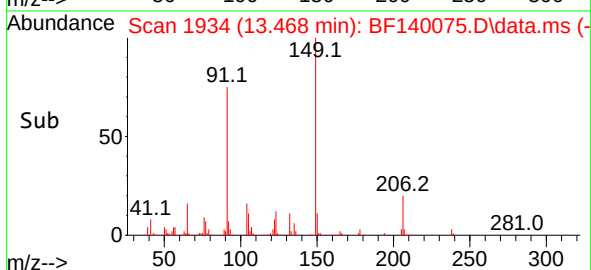
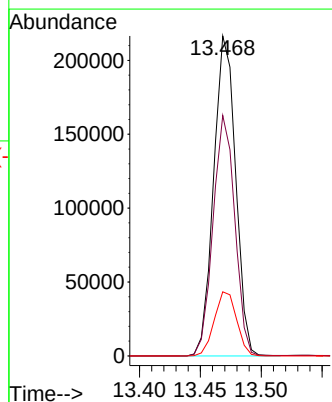
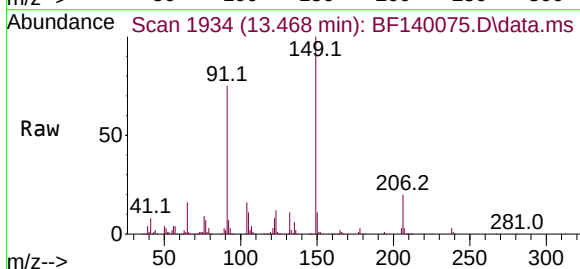
Reviewed By :Yogesh Patel 10/29/2024

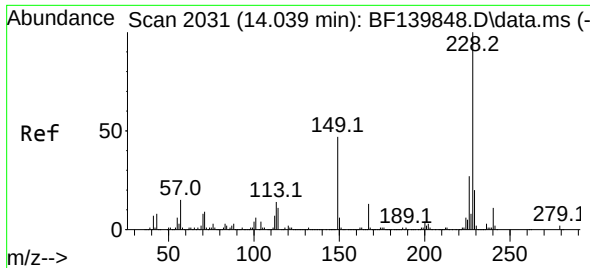
Supervised By :mohammad ahmed 10/30/2024



#80  
Butylbenzylphthalate  
Concen: 41.265 ng  
RT: 13.468 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:149 Resp: 271701  
Ion Ratio Lower Upper  
149 100  
91 75.1 59.4 89.2  
206 20.0 16.4 24.6





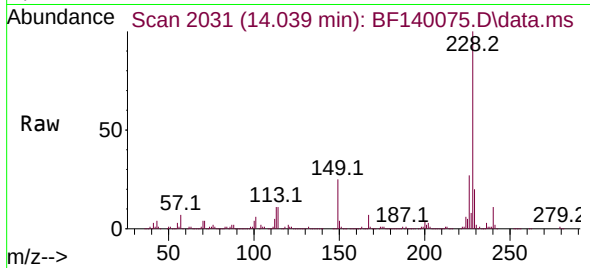
#81  
Benzo(a)anthracene  
Concen: 40.732 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

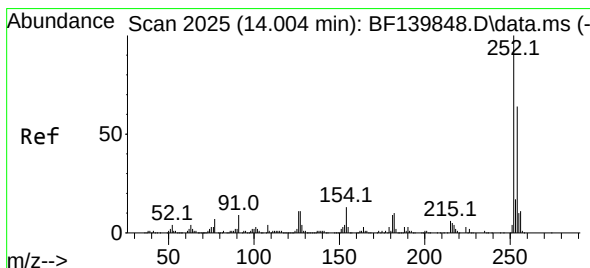
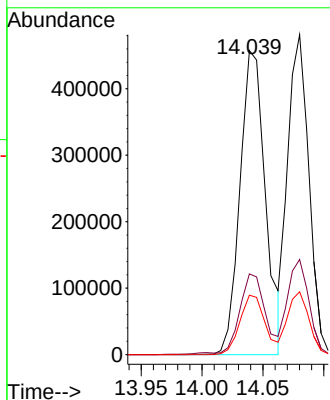
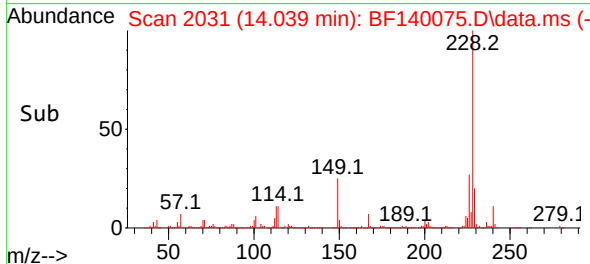


Tgt Ion:228 Resp: 665269  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.6 32.4  
229 19.6 16.1 24.1

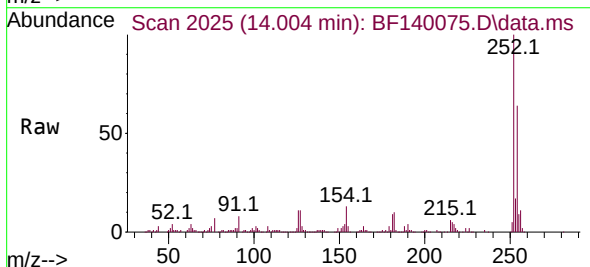
Manual Integrations

APPROVED

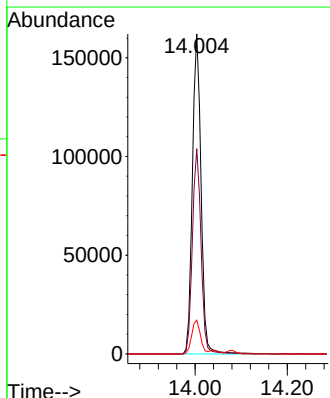
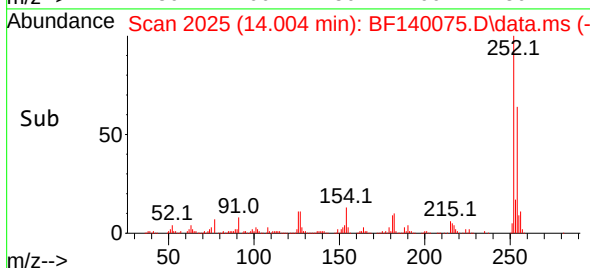
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024

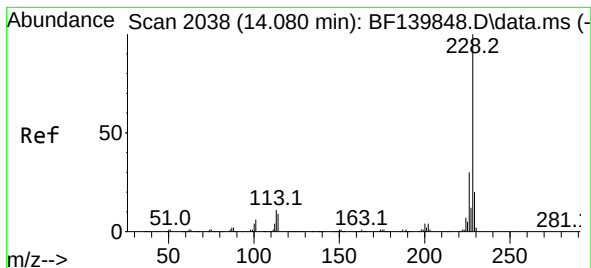


#82  
3,3'-Dichlorobenzidine  
Concen: 44.426 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:252 Resp: 211560  
Ion Ratio Lower Upper  
252 100  
254 64.1 50.8 76.2  
126 10.5 8.9 13.3





#83

Chrysene

Concen: 39.262 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140075.D

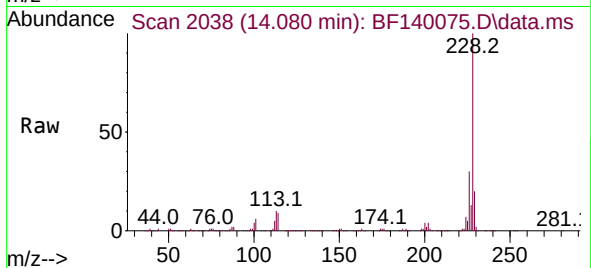
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 587960

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

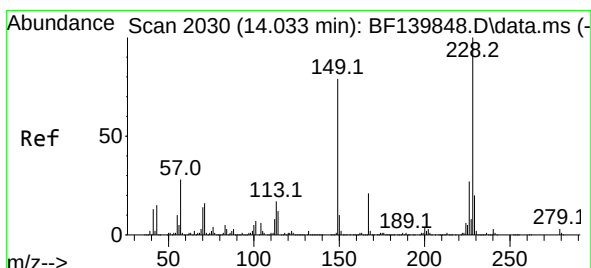
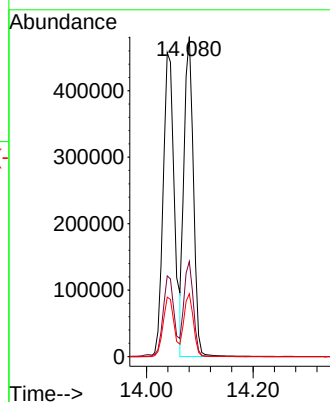
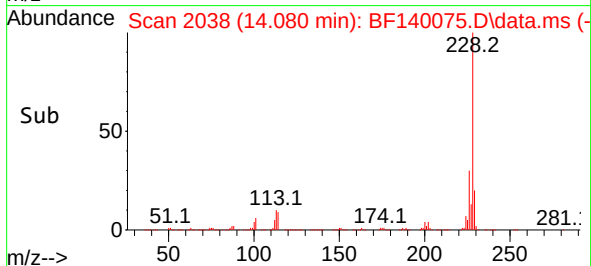
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.339 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

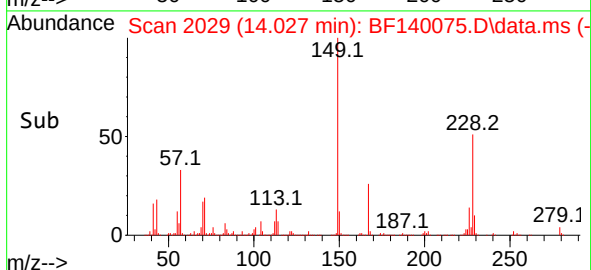
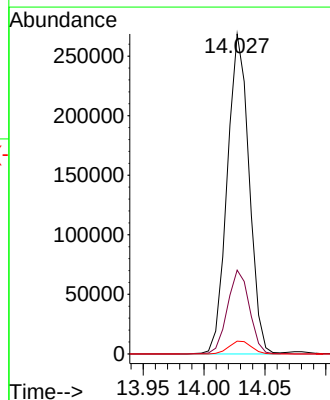
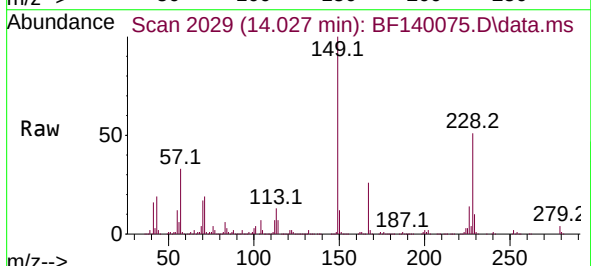
Tgt Ion:149 Resp: 334928

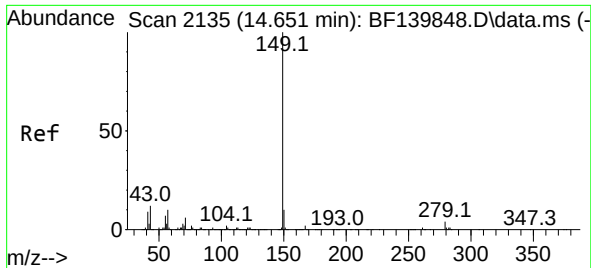
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

279 4.0 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 40.754 ng  
RT: 14.639 min Scan# 2133  
Delta R.T. -0.012 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

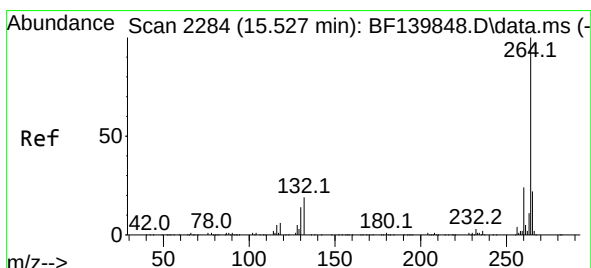
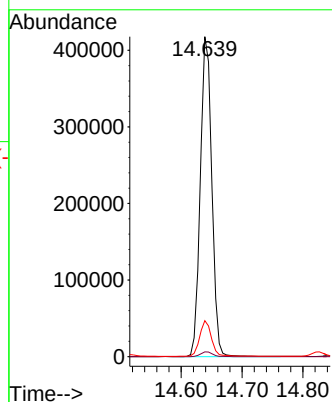
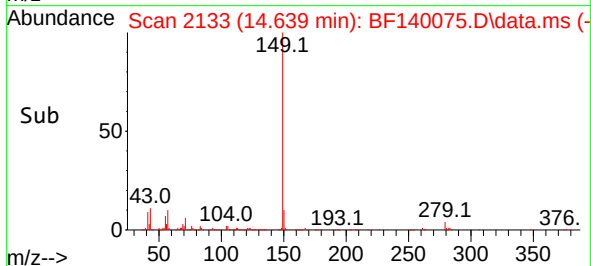
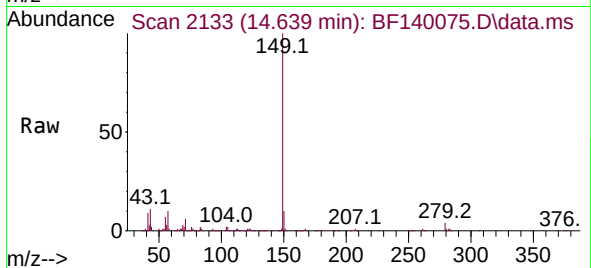
SSTDCCC040

Tgt Ion:149 Resp: 547586  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.5 9.8 14.6

Manual Integrations

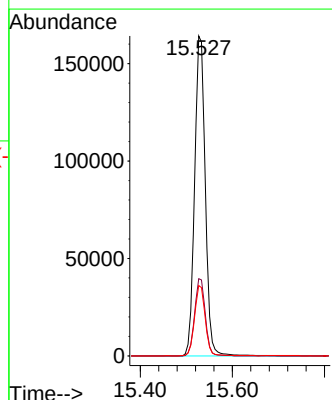
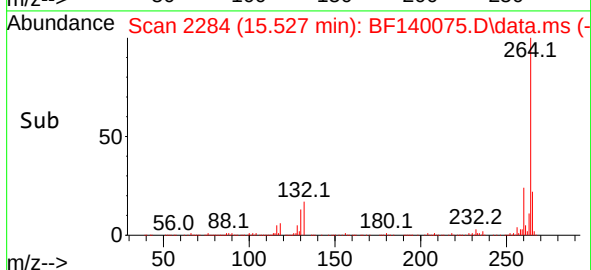
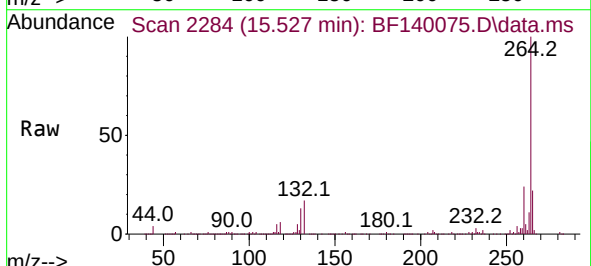
APPROVED

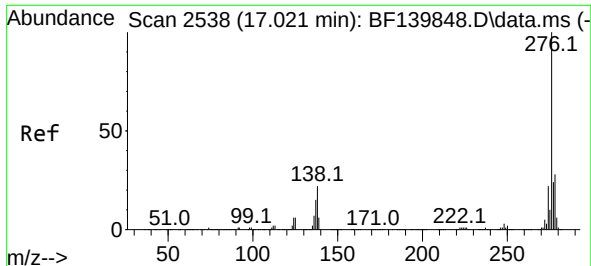
Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.527 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Tgt Ion:264 Resp: 263501  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.4 29.2  
265 22.0 17.4 26.0





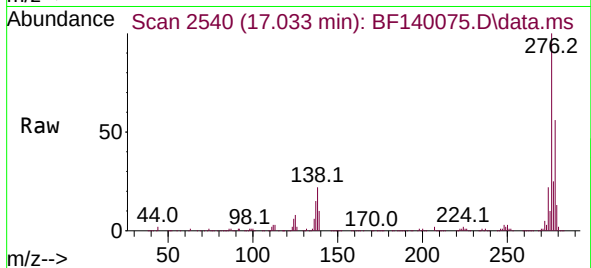
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.396 ng  
 RT: 17.033 min Scan# 2540  
 Delta R.T. 0.012 min  
 Lab File: BF140075.D  
 Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



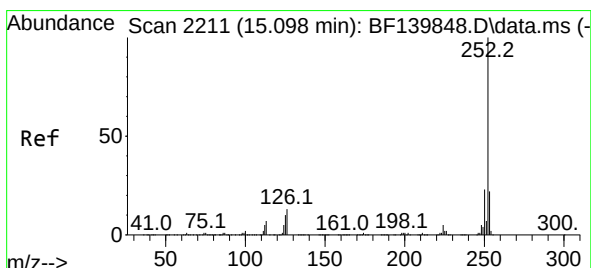
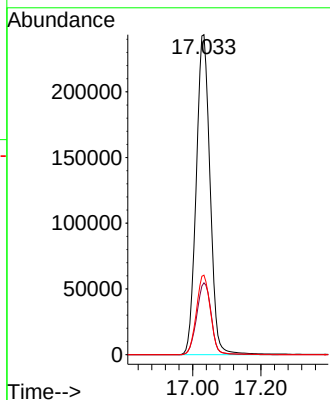
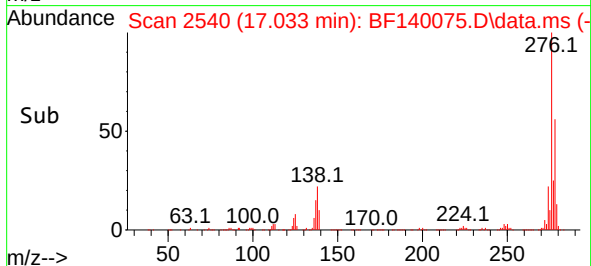
Tgt Ion:276 Resp: 68478  
 Ion Ratio Lower Upper  
 276 100  
 138 23.3 20.4 30.6  
 277 25.3 20.2 30.4

Manual Integrations

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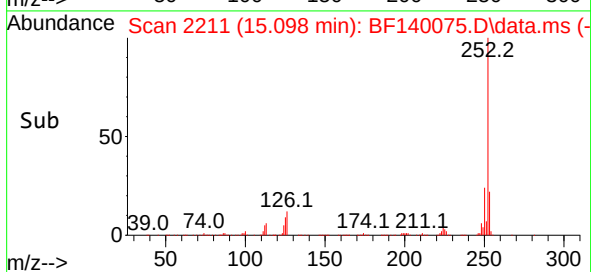
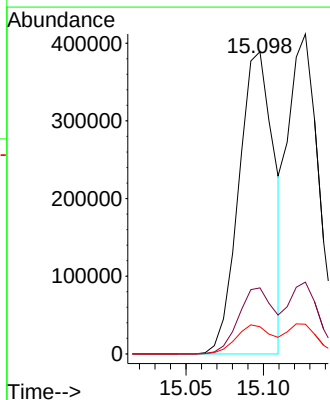
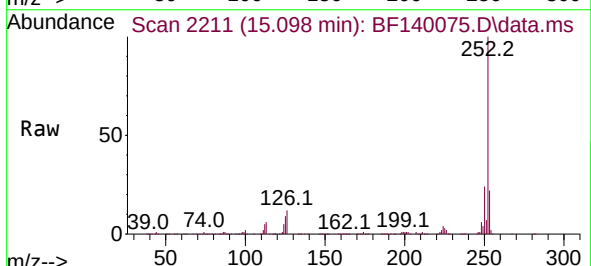
Reviewed By :Yogesh Patel 10/29/2024

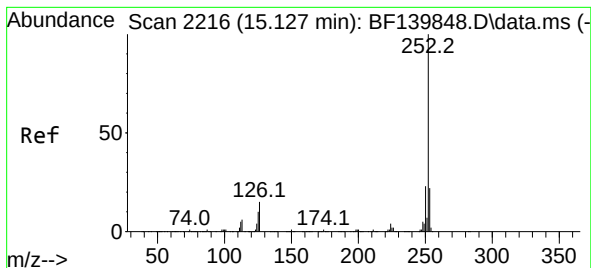
Supervised By :mohammad ahmed 10/30/2024



#88  
 Benzo(b)fluoranthene  
 Concen: 38.345 ng  
 RT: 15.098 min Scan# 2211  
 Delta R.T. 0.000 min  
 Lab File: BF140075.D  
 Acq: 28 Oct 2024 09:32

Tgt Ion:252 Resp: 615487  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.6 26.4  
 125 9.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.721 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 563702

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

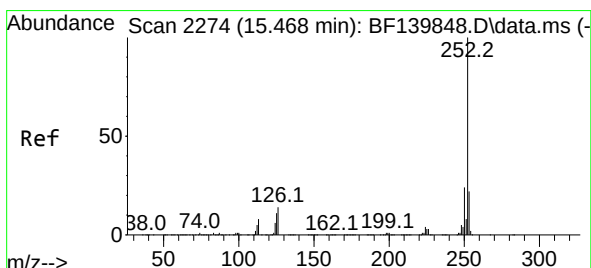
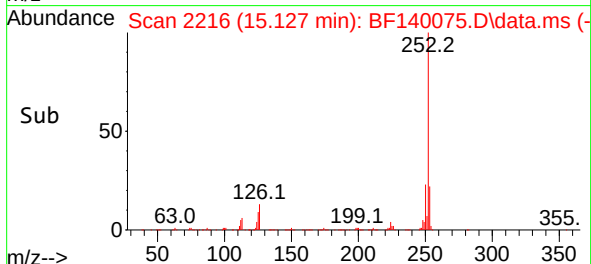
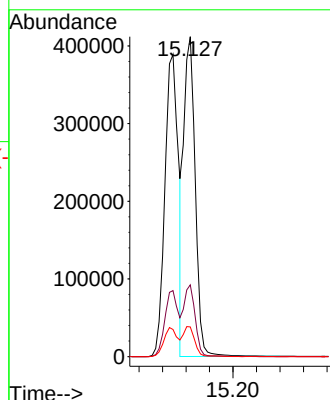
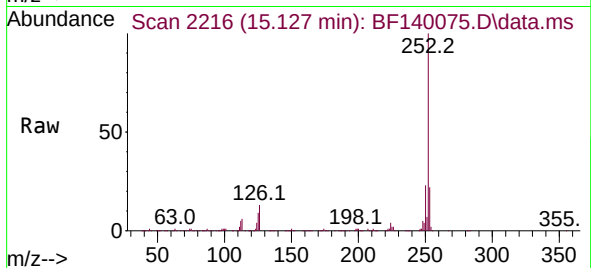
125 9.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#90

Benzo(a)pyrene

Concen: 40.379 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140075.D

Acq: 28 Oct 2024 09:32

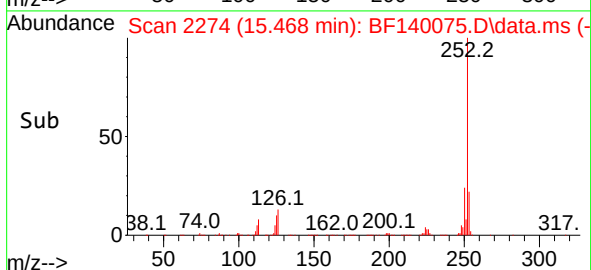
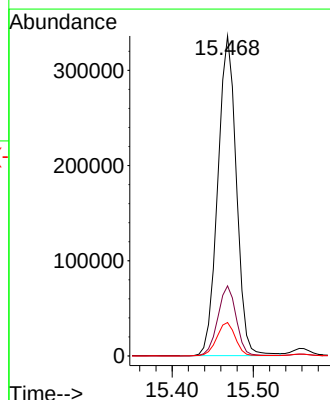
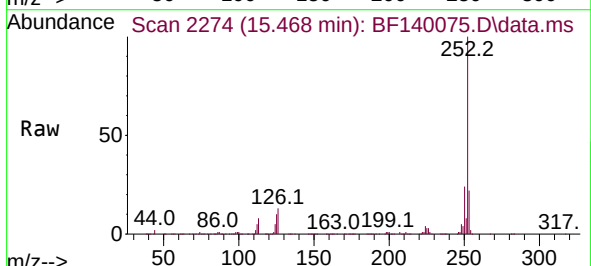
Tgt Ion:252 Resp: 533309

Ion Ratio Lower Upper

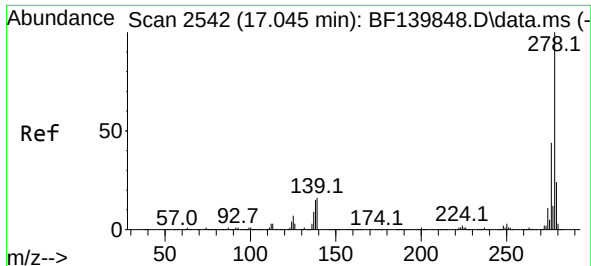
252 100

253 21.9 17.3 25.9

125 10.4 8.7 13.1







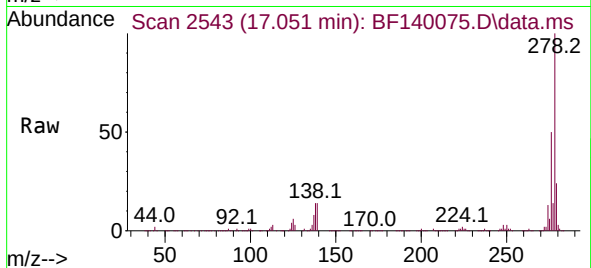
#91  
Dibenzo(a,h)anthracene  
Concen: 39.881 ng  
RT: 17.051 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

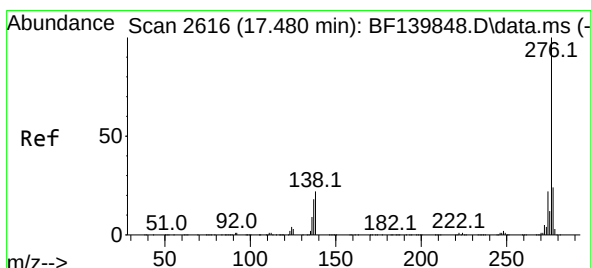
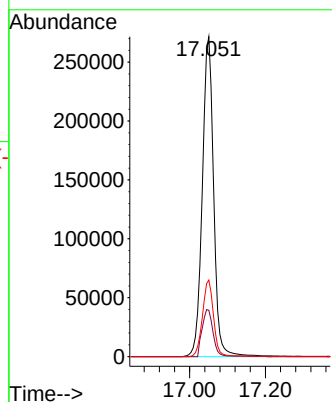
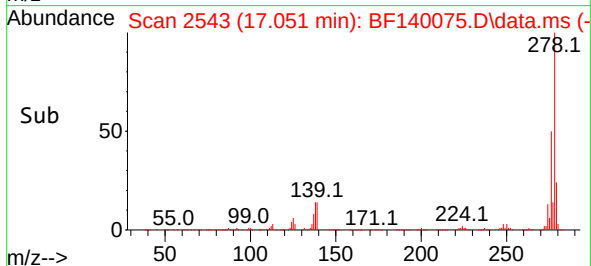


Tgt Ion:278 Resp: 563984  
Ion Ratio Lower Upper  
278 100  
139 14.5 13.1 19.7  
279 23.9 19.0 28.4

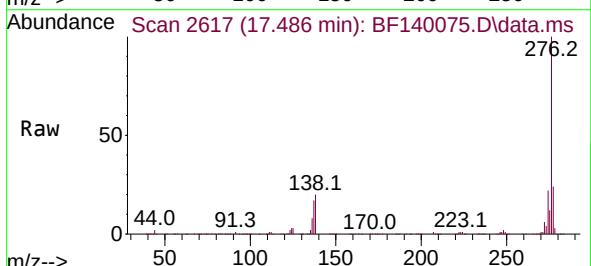
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



#92  
Benzo(g,h,i)perylene  
Concen: 41.284 ng  
RT: 17.486 min Scan# 2617  
Delta R.T. 0.006 min  
Lab File: BF140075.D  
Acq: 28 Oct 2024 09:32



Tgt Ion:276 Resp: 583161  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.6  
138 20.4 17.4 26.0

