

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103124\  
 Data File : BF140176.D  
 Acq On : 31 Oct 2024 09:22  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 12:02:58 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     | 6.886  | 152  | 122098   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 468668   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 269255   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 495112   | 20.000 | ng    | 0.01     |
| 76) Chrysene-d12              | 14.098 | 240  | 315081   | 20.000 | ng    | 0.05     |
| 86) Perylene-d12              | 15.627 | 264  | 256770   | 20.000 | ng    | 0.10     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 615859   | 78.963 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 793873   | 78.590 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 756098   | 89.414 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 231902   | 92.078 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1325601  | 81.366 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 1506599  | 77.916 | ng    | 0.02     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 124570   | 34.256 | ng    | 97       |
| 3) Pyridine                   | 3.440  | 79   | 308246   | 34.198 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.398  | 42   | 185389   | 38.282 | ng    | 93       |
| 6) Aniline                    | 6.551  | 93   | 321702   | 34.172 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 320463   | 40.192 | ng    | 98       |
| 9) Benzaldehyde               | 6.439  | 77   | 230328   | 40.532 | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 410658m  | 39.433 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 321010   | 39.880 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 377809   | 41.278 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 379106   | 41.459 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 351630   | 41.202 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.028  | 79   | 306033   | 41.301 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 512932   | 37.372 | ng    | 97       |
| 17) 2-Methylphenol            | 7.139  | 107  | 273822   | 40.275 | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 139231   | 42.698 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 239458   | 39.086 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 339931   | 39.090 | ng    | # 79     |
| 22) Acetophenone              | 7.298  | 105  | 455723   | 39.700 | ng    | 97       |
| 24) Nitrobenzene              | 7.475  | 77   | 391913   | 42.272 | ng    | 100      |
| 25) Isophorone                | 7.710  | 82   | 649685   | 40.480 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 175019   | 50.040 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 224286   | 38.457 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 394217   | 40.541 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 275241   | 41.434 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 311648   | 42.398 | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 978584   | 40.486 | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 231612   | 45.533 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 294453   | 35.726 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 201022   | 43.526 | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 89615    | 42.427 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 311832   | 42.394 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 619045   | 41.818 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 601449   | 41.411 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 304787   | 41.958 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 99664    | 39.431 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 207523   | 40.351 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103124\  
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 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

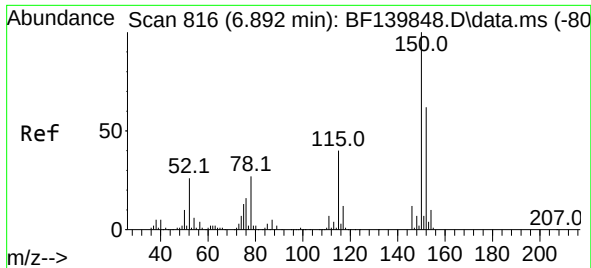
Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 12:02:58 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     | 9.204  | 196  | 228084   | 42.986 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 755651   | 40.314 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 614419   | 40.699 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 214591   | 46.476 | ng    | 97       |
| 49) Acenaphthylene            | 9.792  | 152  | 875529   | 40.115 | ng    | 99       |
| 50) Dimethylphthalate         | 9.657  | 163  | 720178   | 42.941 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 164360   | 45.262 | ng    | 97       |
| 52) Acenaphthene              | 9.969  | 154  | 600586   | 42.538 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 168206   | 44.918 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 92258    | 62.687 | ng    | # 1      |
| 55) Dibenzofuran              | 10.139 | 168  | 817852   | 40.374 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 134108   | 46.548 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.127 | 165  | 222639   | 49.857 | ng    | 95       |
| 58) Fluorene                  | 10.486 | 166  | 655241   | 42.468 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232  | 175732   | 42.248 | ng    | 98       |
| 60) Diethylphthalate          | 10.357 | 149  | 704862   | 42.805 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 330332   | 42.396 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 175772   | 49.698 | ng    | 96       |
| 63) Azobenzene                | 10.639 | 77   | 706619   | 40.476 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 128563   | 63.659 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 586859   | 39.603 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 211629   | 41.491 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 234223   | 40.831 | ng    | 97       |
| 69) Atrazine                  | 11.127 | 200  | 168522   | 41.982 | ng    | 99       |
| 70) Pentachlorophenol         | 11.233 | 266  | 155956   | 44.796 | ng    | 98       |
| 71) Phenanthrene              | 11.451 | 178  | 942468   | 40.299 | ng    | 99       |
| 72) Anthracene                | 11.504 | 178  | 920031   | 40.320 | ng    | 100      |
| 73) Carbazole                 | 11.663 | 167  | 875087   | 41.236 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 1099858  | 44.859 | ng    | 100      |
| 75) Fluoranthene              | 12.645 | 202  | 1025637  | 43.381 | ng    | 99       |
| 77) Benzidine                 | 12.768 | 184  | 336979   | 65.041 | ng    | 99       |
| 78) Pyrene                    | 12.880 | 202  | 1030281  | 37.356 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 426086   | 51.531 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.086 | 228  | 831795   | 40.554 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.045 | 252  | 271007   | 45.317 | ng    | 99       |
| 83) Chrysene                  | 14.127 | 228  | 772207   | 41.062 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 567311   | 61.153 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.715 | 149  | 874904   | 51.851 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.174 | 276  | 604008   | 36.565 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.180 | 252  | 735155m  | 47.001 | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.209 | 252  | 554291   | 41.091 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.562 | 252  | 535027   | 41.571 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.192 | 278  | 501585   | 36.399 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.645 | 276  | 498837   | 36.240 | ng    | 97       |

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





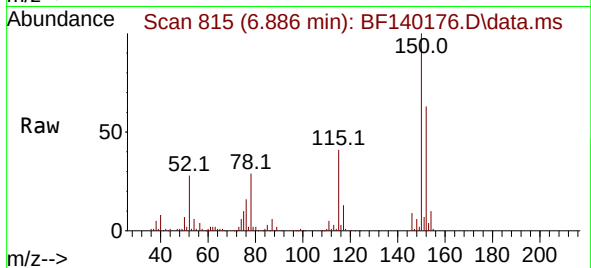
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

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SSTDCCC040

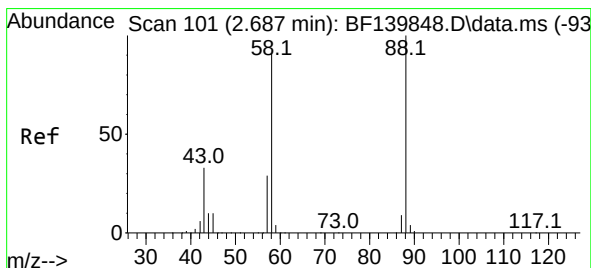
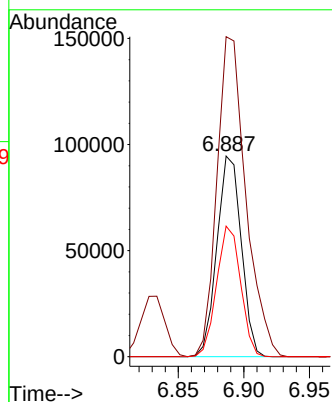
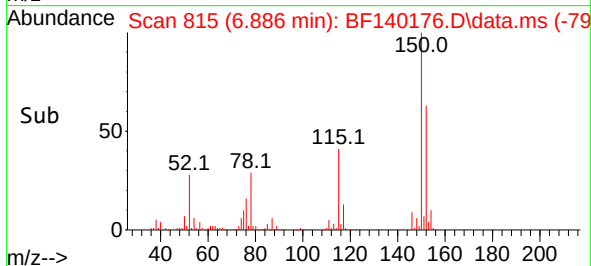


Tgt Ion:152 Resp: 122098  
Ion Ratio Lower Upper  
152 100  
150 159.5 130.2 195.2  
115 65.0 51.4 77.2

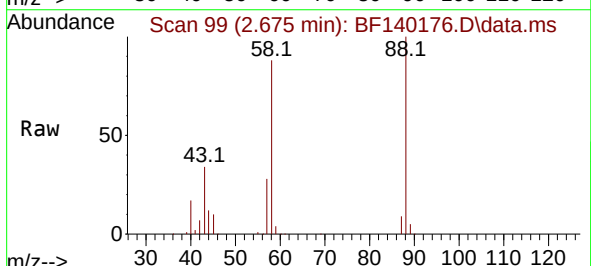
Manual Integrations

APPROVED

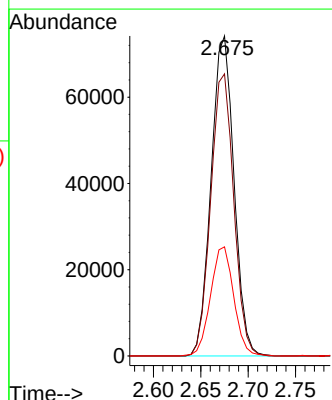
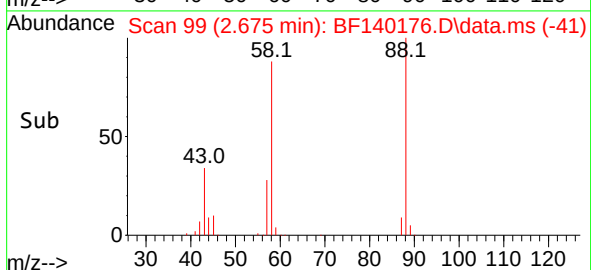
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

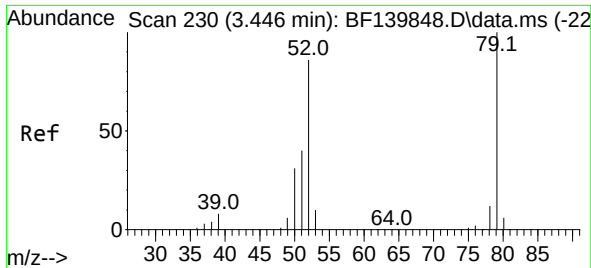


#2  
1,4-Dioxane  
Concen: 34.256 ng  
RT: 2.675 min Scan# 99  
Delta R.T. -0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion: 88 Resp: 124570  
Ion Ratio Lower Upper  
88 100  
58 88.8 73.3 109.9  
43 34.7 27.1 40.7





#3

Pyridine

Concen: 34.198 ng

RT: 3.440 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 308240

Ion Ratio Lower Upper

79 100

52 84.8 68.5 102.7

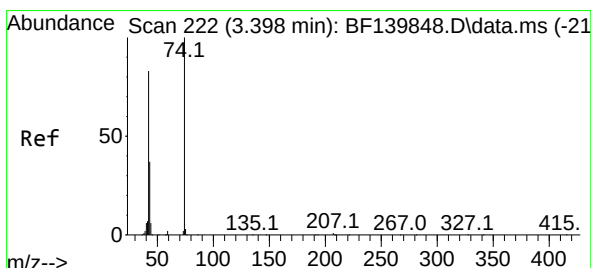
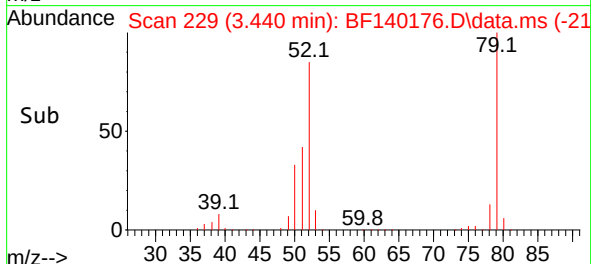
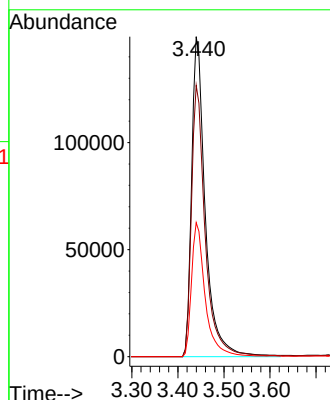
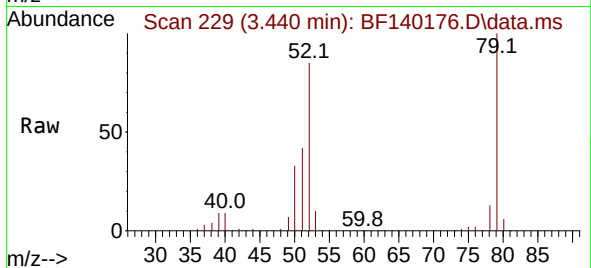
51 41.9 32.3 48.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#4

n-Nitrosodimethylamine

Concen: 38.282 ng

RT: 3.398 min Scan# 222

Delta R.T. 0.000 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

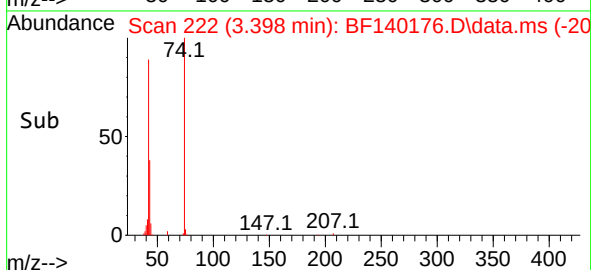
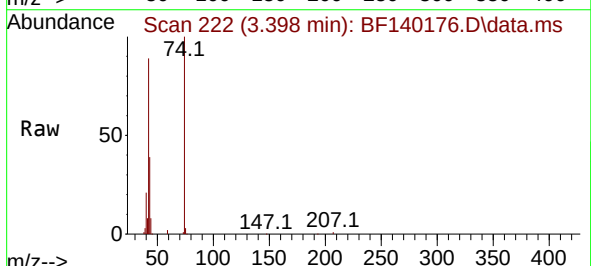
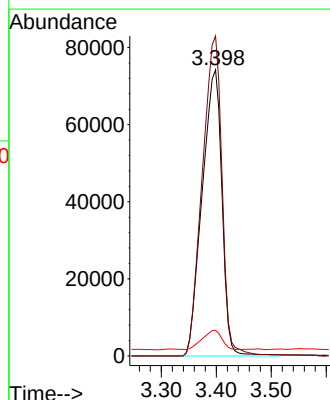
Tgt Ion: 42 Resp: 185389

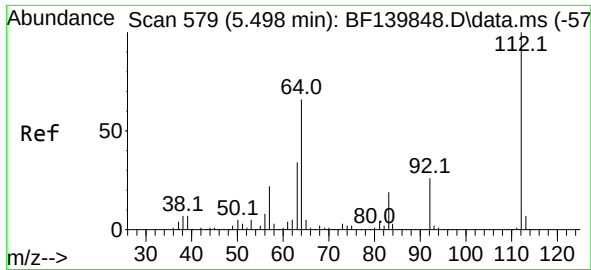
Ion Ratio Lower Upper

42 100

74 111.8 96.2 144.4

44 9.0 6.2 9.2





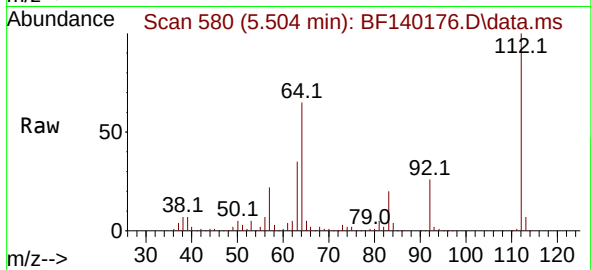
#5  
2-Fluorophenol  
Concen: 78.963 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



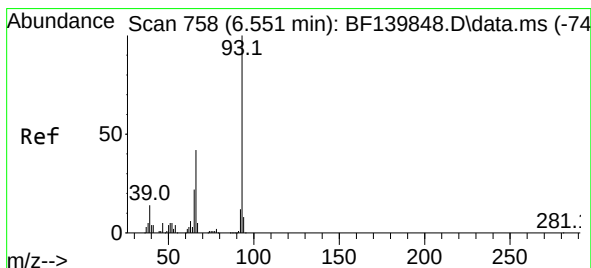
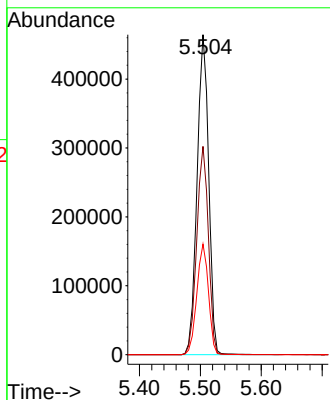
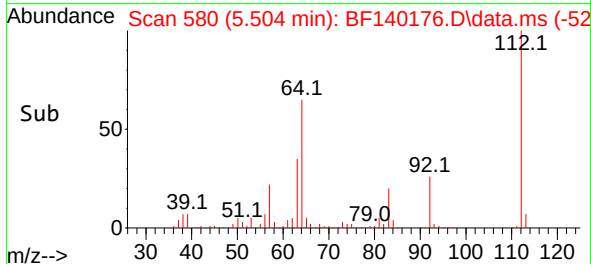
Tgt Ion:112 Resp: 61585  
Ion Ratio Lower Upper  
112 100  
64 65.1 53.0 79.6  
63 34.6 27.0 40.4

Manual Integrations

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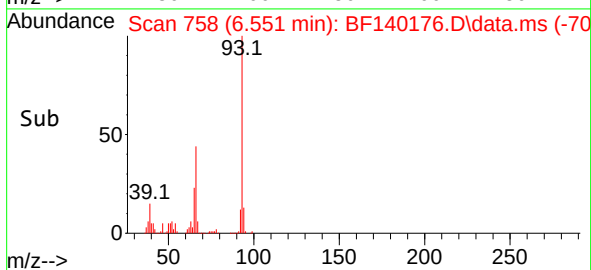
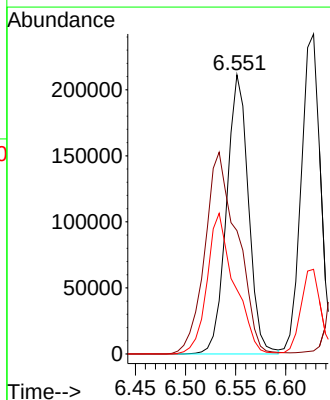
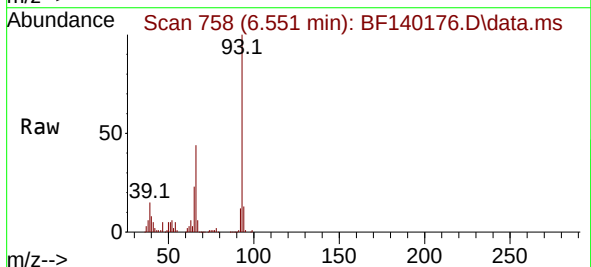
Reviewed By :Yogesh Patel 11/04/2024

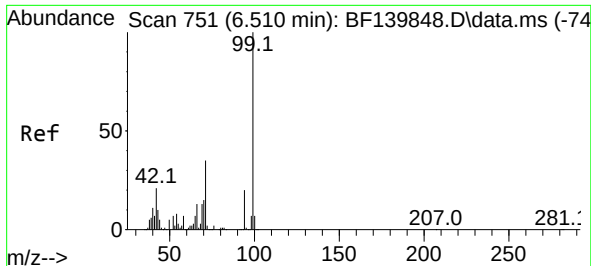
Supervised By :mohammad ahmed 11/04/2024



#6  
Aniline  
Concen: 34.172 ng  
RT: 6.551 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

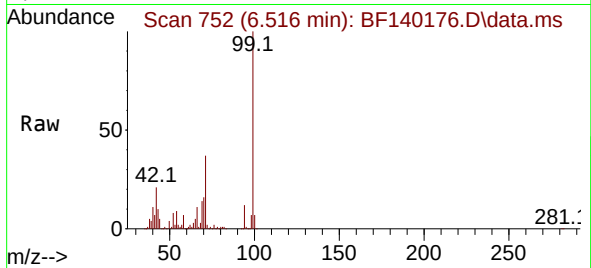
Tgt Ion: 93 Resp: 321702  
Ion Ratio Lower Upper  
93 100  
66 44.2 34.0 51.0  
65 23.1 17.4 26.0





#7  
Phenol-d6  
Concen: 78.590 ng  
RT: 6.516 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

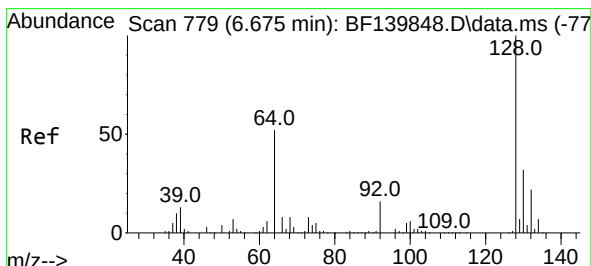
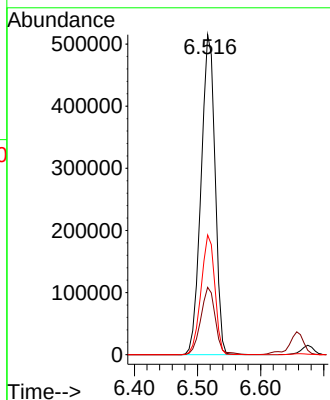
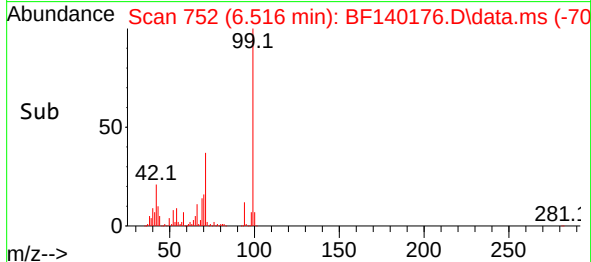
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 79387  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.7 25.1  
71 37.4 27.7 41.5

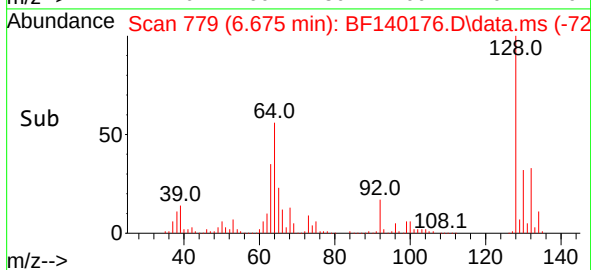
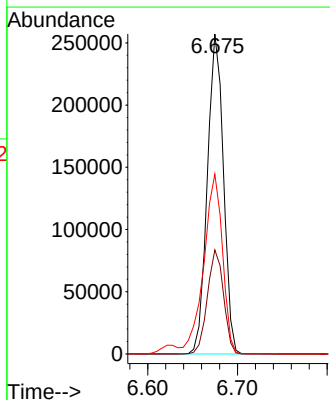
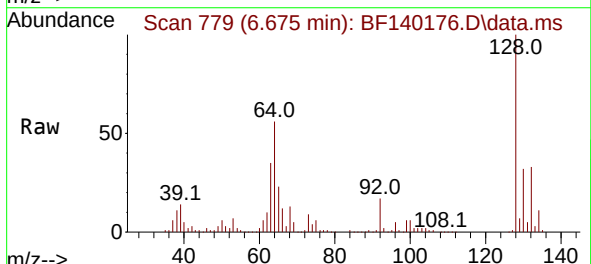
Manual Integrations  
APPROVED

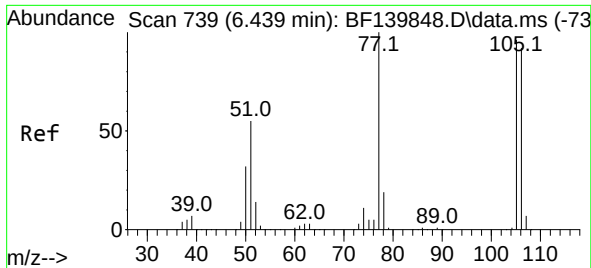
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#8  
2-Chlorophenol  
Concen: 40.192 ng  
RT: 6.675 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:128 Resp: 320463  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.3 52.3  
64 56.2 34.6 74.6





#9  
Benzaldehyde  
Concen: 40.532 ng  
RT: 6.439 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

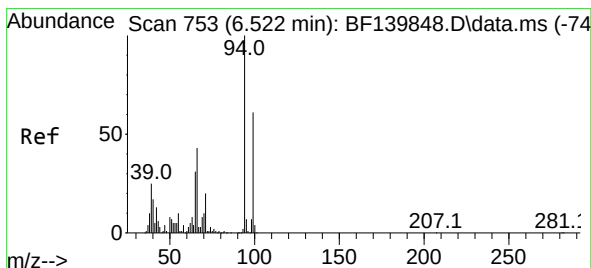
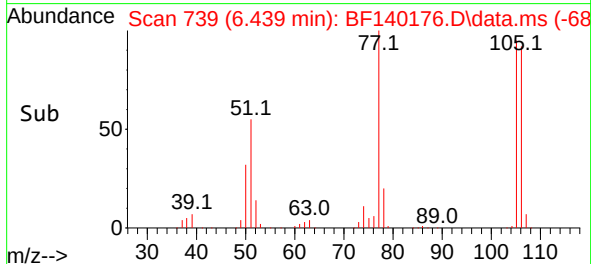
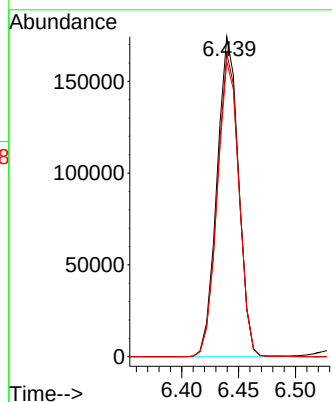
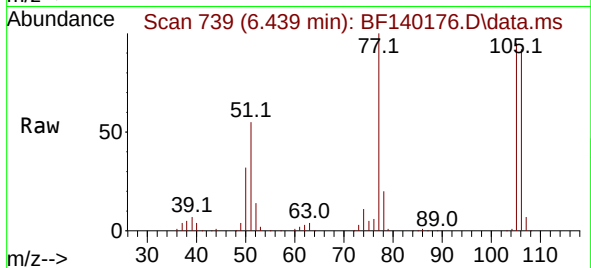
SSTDCCC040

Tgt Ion: 77 Resp: 230328  
Ion Ratio Lower Upper  
77 100  
105 94.8 75.5 115.5  
106 92.1 71.7 111.7

Manual Integrations

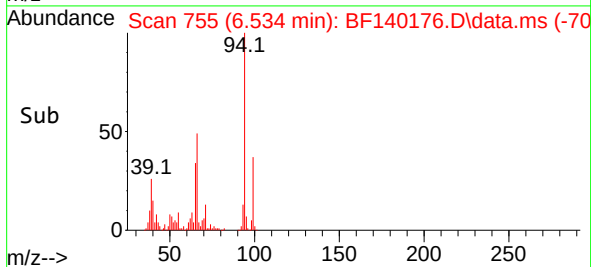
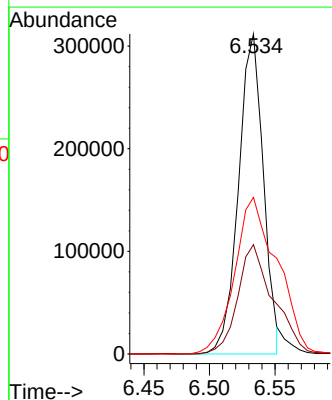
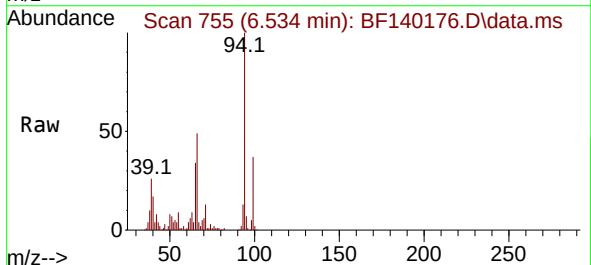
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

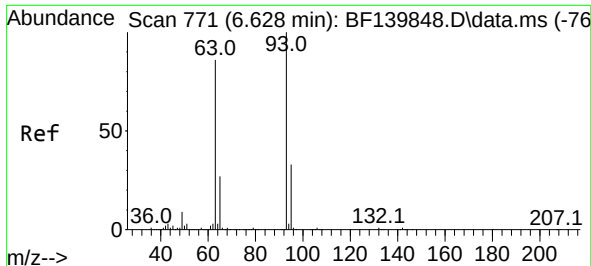


#10  
Phenol  
Concen: 39.433 ng m  
RT: 6.534 min Scan# 755  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion: 94 Resp: 410658  
Ion Ratio Lower Upper  
94 100  
65 34.1 11.1 51.1  
66 49.0 22.7 62.7







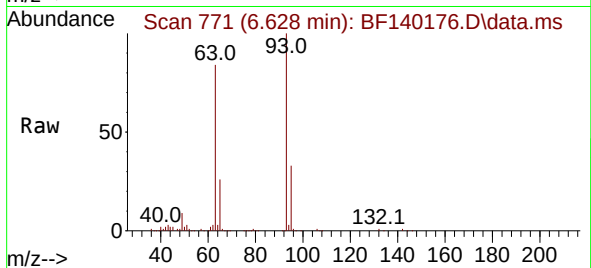
#11  
bis(2-Chloroethyl)ether  
Concen: 39.880 ng  
RT: 6.628 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



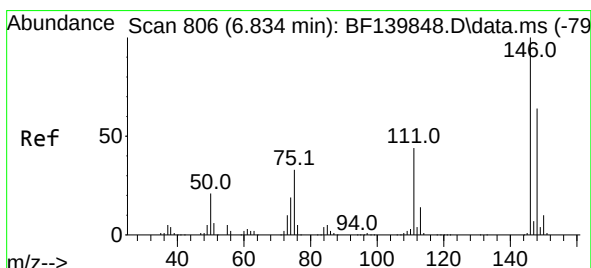
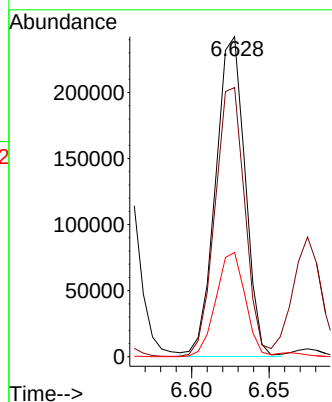
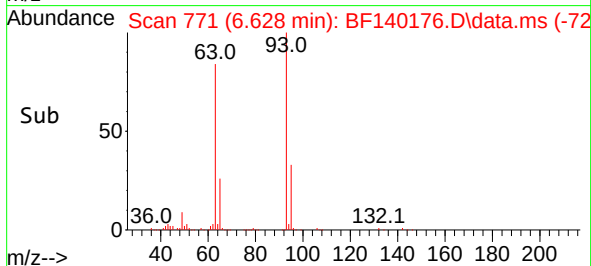
Tgt Ion: 93 Resp: 321010  
Ion Ratio Lower Upper  
93 100  
63 84.1 65.0 105.0  
95 32.6 12.4 52.4

Manual Integrations

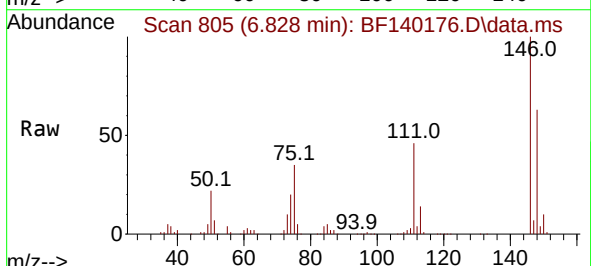
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

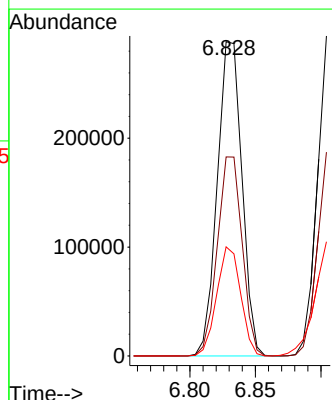
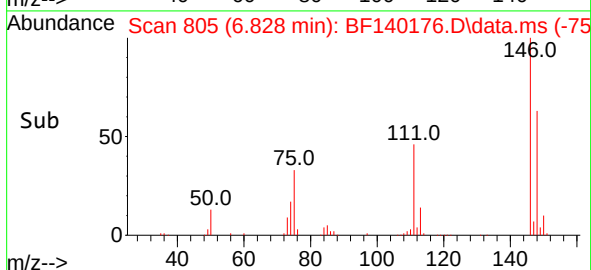
Supervised By :mohammad ahmed 11/04/2024

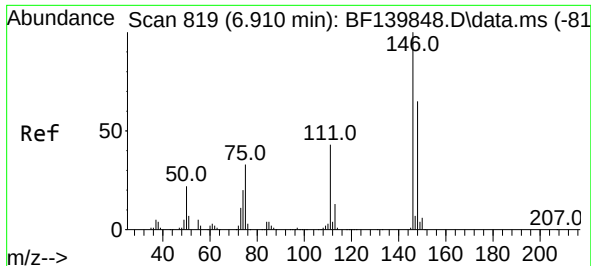


#12  
1,3-Dichlorobenzene  
Concen: 41.278 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:146 Resp: 377809  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.0 76.4  
75 34.7 26.4 39.6





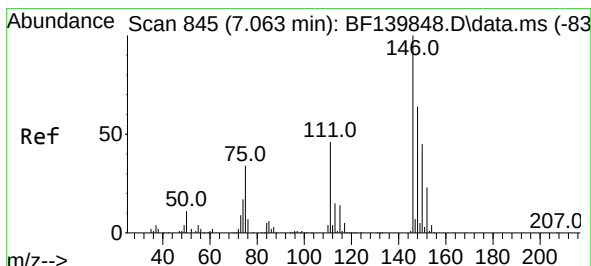
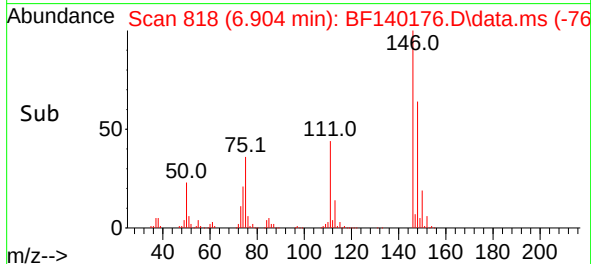
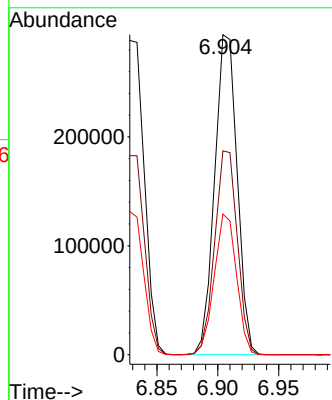
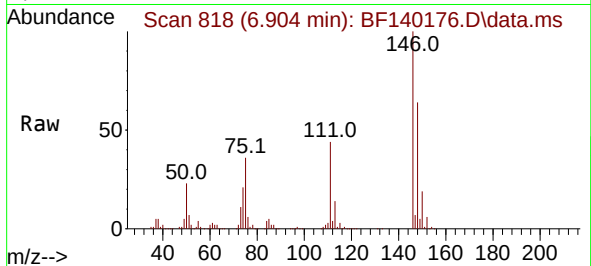
#13  
1,4-Dichlorobenzene  
Concen: 41.459 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 379100  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.8 77.8  
111 43.9 34.6 51.8

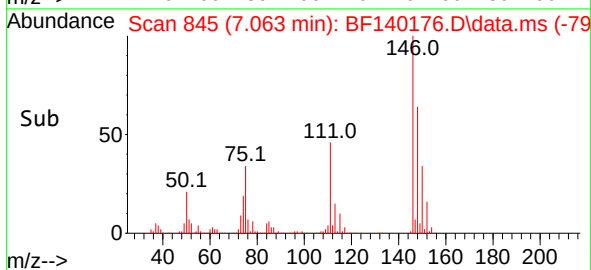
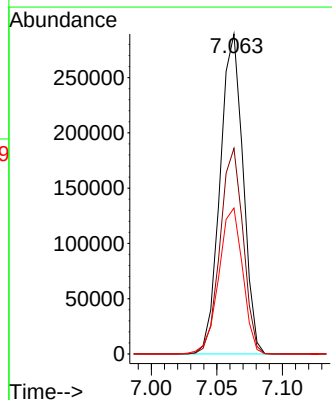
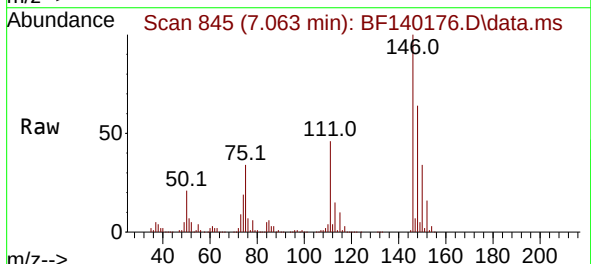
Manual Integrations  
APPROVED

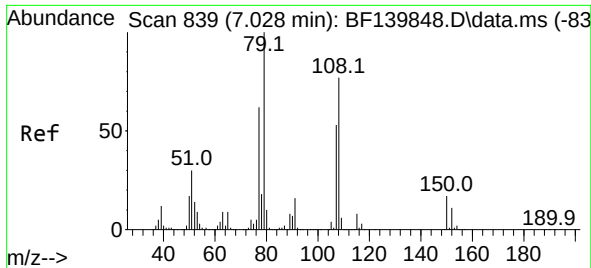
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#14  
1,2-Dichlorobenzene  
Concen: 41.202 ng  
RT: 7.063 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

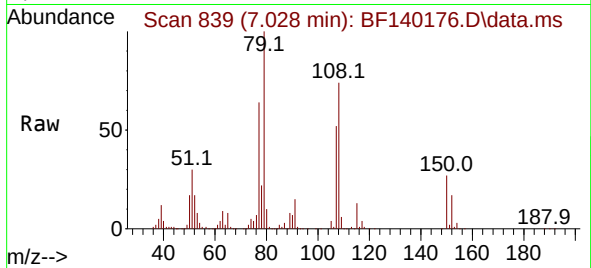
Tgt Ion:146 Resp: 351630  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.2  
111 45.6 36.7 55.1





#15  
Benzyl Alcohol  
Concen: 41.301 ng  
RT: 7.028 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

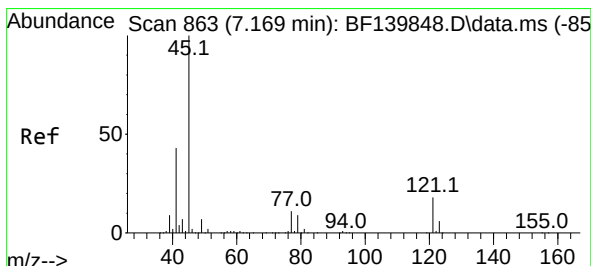
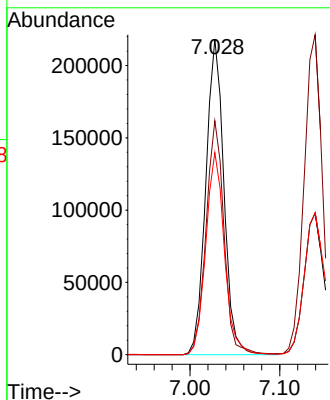
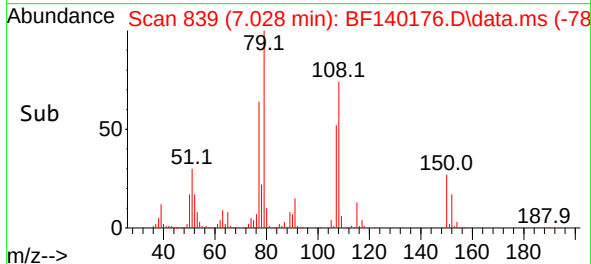
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 30603  
Ion Ratio Lower Upper  
79 100  
108 74.1 61.4 92.0  
77 64.0 49.9 74.9

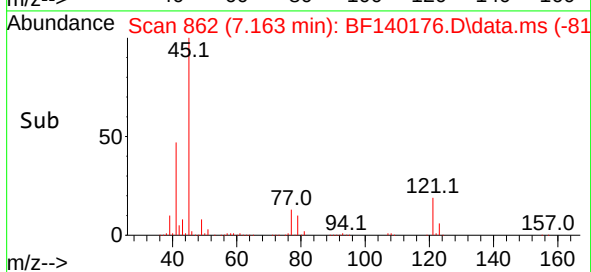
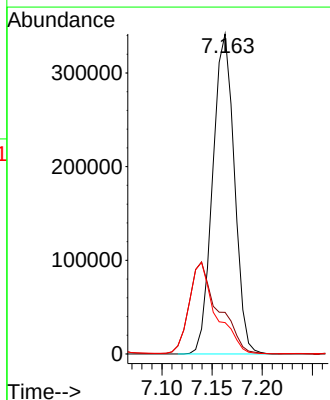
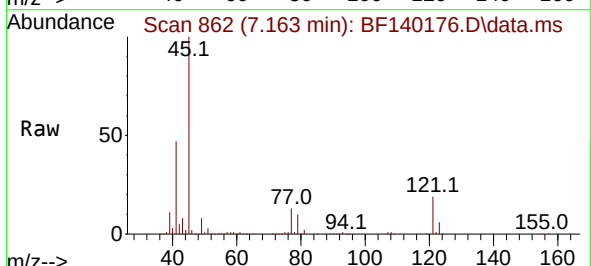
Manual Integrations  
APPROVED

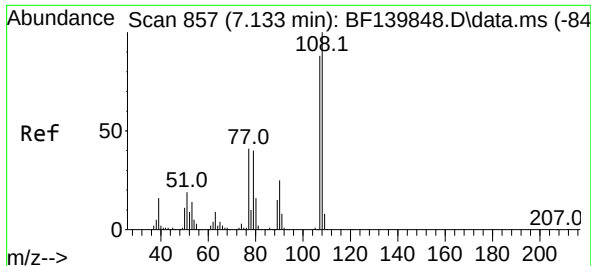
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.372 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion: 45 Resp: 512932  
Ion Ratio Lower Upper  
45 100  
77 13.0 0.0 31.5  
79 9.8 0.0 29.1





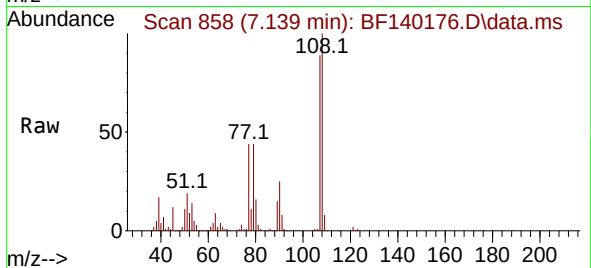
#17  
2-Methylphenol  
Concen: 40.275 ng  
RT: 7.139 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

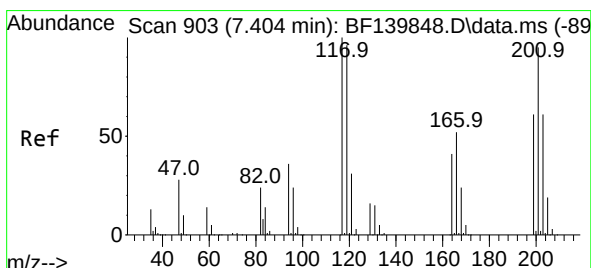
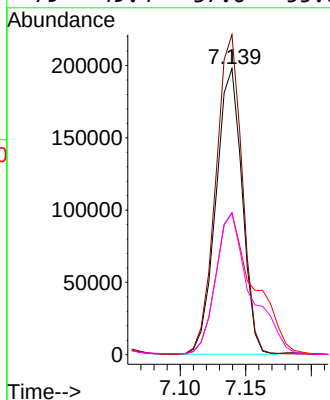
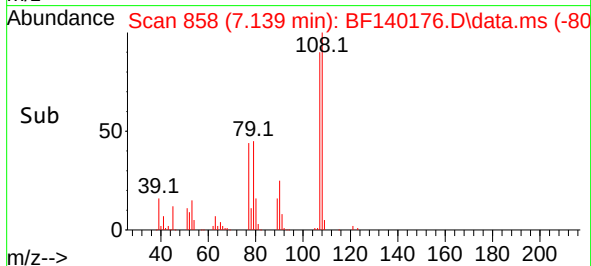


Tgt Ion:107 Resp: 27382  
Ion Ratio Lower Upper  
107 100  
108 111.9 91.3 136.9  
77 49.7 37.1 55.7  
79 49.4 37.0 55.6

Manual Integrations

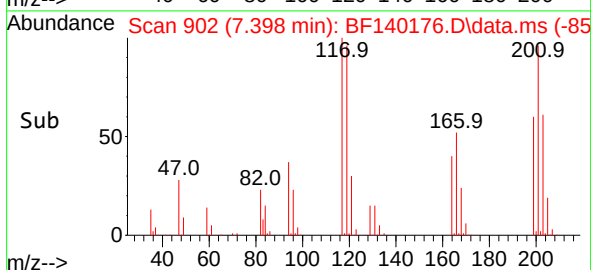
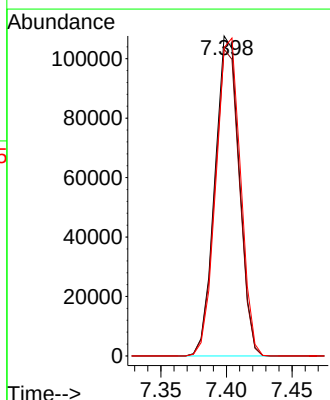
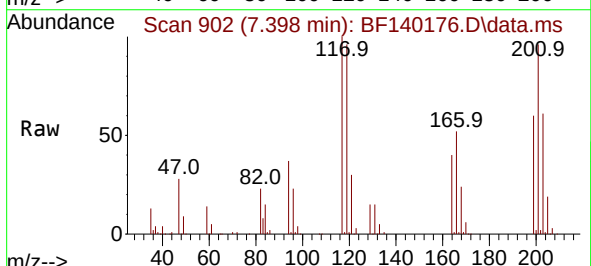
APPROVED

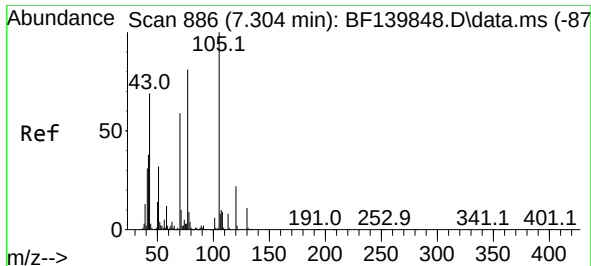
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#18  
Hexachloroethane  
Concen: 42.698 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:117 Resp: 139231  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.0 115.4  
201 96.4 76.2 114.4





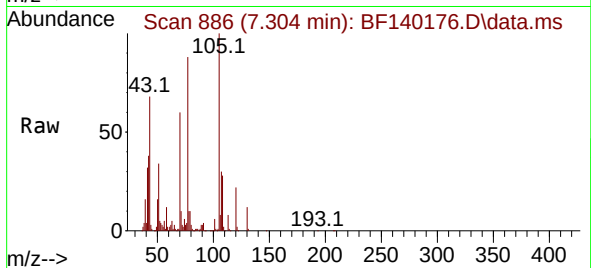
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.086 ng  
RT: 7.304 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



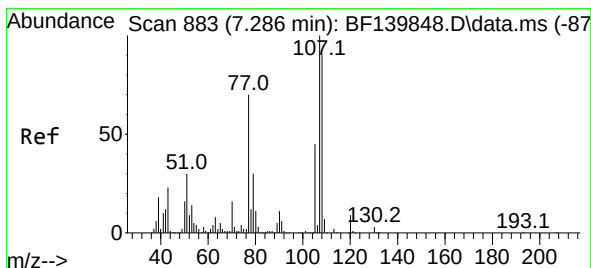
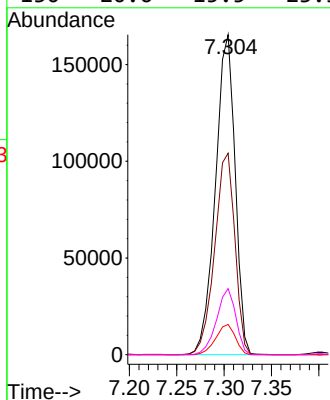
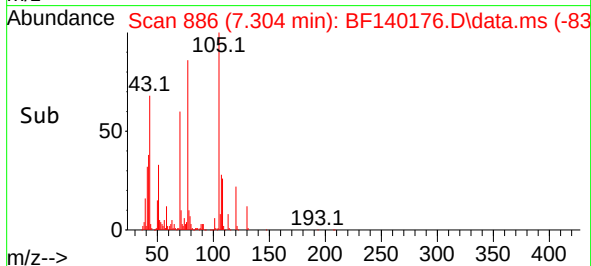
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 23945 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 62.9  | 51.5  | 77.3  |
| 101      | 9.4   | 7.5   | 11.3  |
| 130      | 20.6  | 15.5  | 23.3  |

Manual Integrations

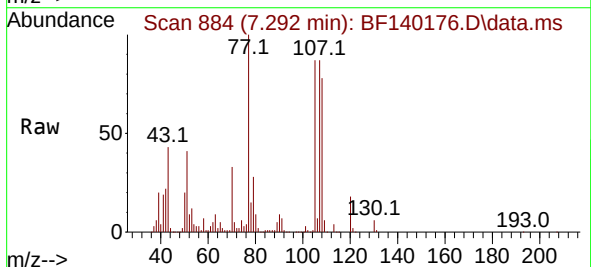
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

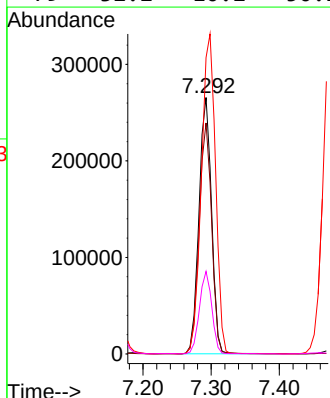
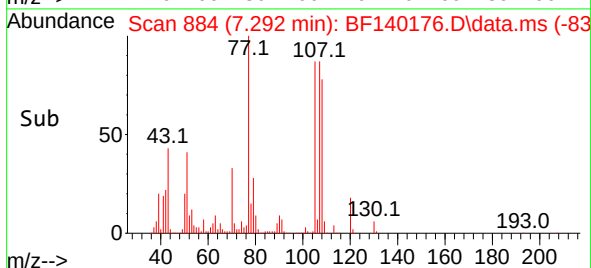
Supervised By :mohammad ahmed 11/04/2024

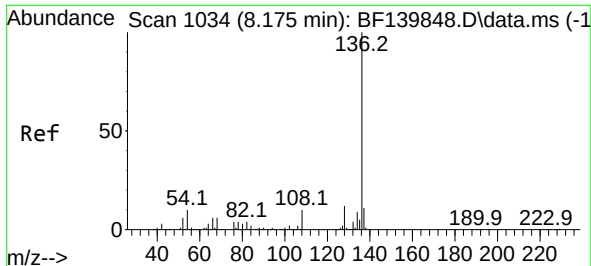


#20  
3+4-Methylphenols  
Concen: 39.090 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 339931 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.1  | 69.8  | 109.8  |
| 77       | 115.5 | 50.5  | 90.5#  |
| 79       | 32.2  | 10.2  | 50.2   |





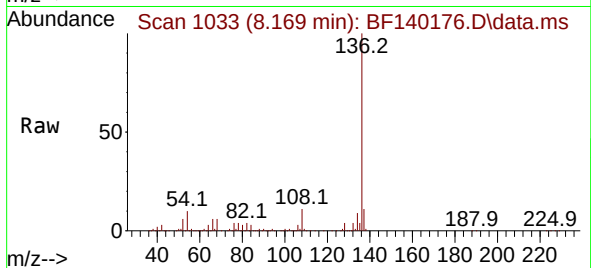
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

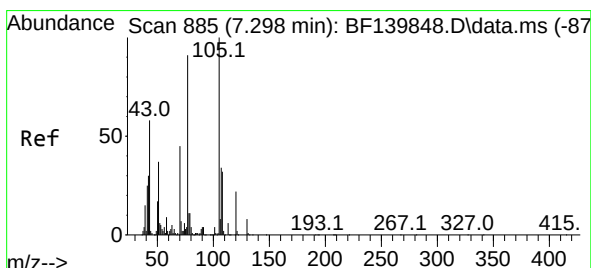
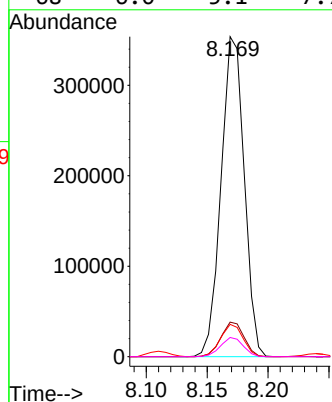
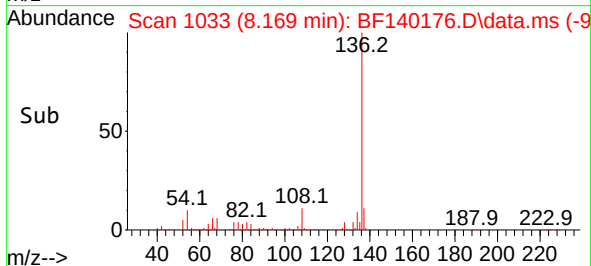


Tgt Ion:136 Resp: 468668  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 10.1 8.4 12.6  
68 6.0 5.1 7.7

Manual Integrations

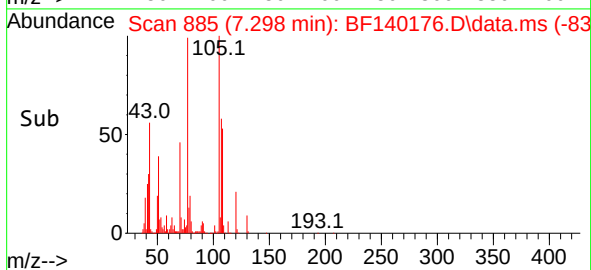
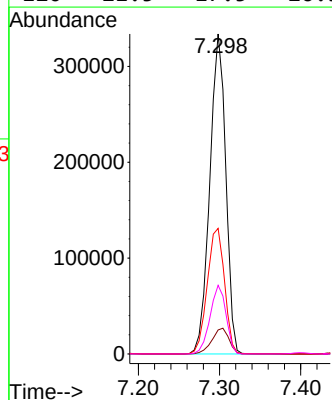
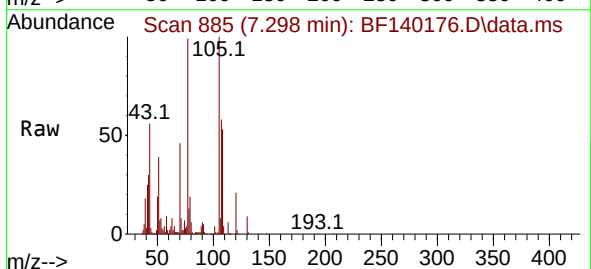
APPROVED

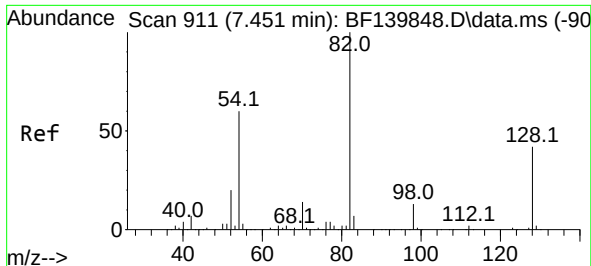
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#22  
Acetophenone  
Concen: 39.700 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:105 Resp: 455723  
Ion Ratio Lower Upper  
105 100  
71 7.5 5.9 8.9  
51 39.2 29.4 44.2  
120 21.5 17.5 26.3





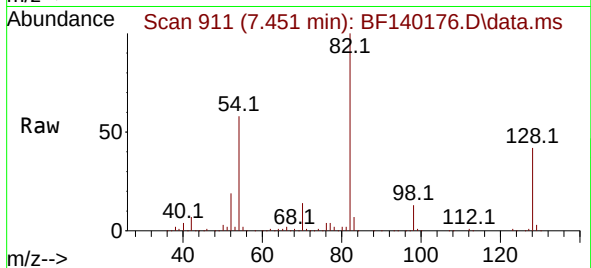
#23  
Nitrobenzene-d5  
Concen: 89.414 ng  
RT: 7.451 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

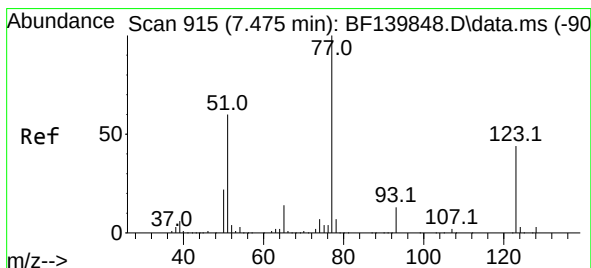
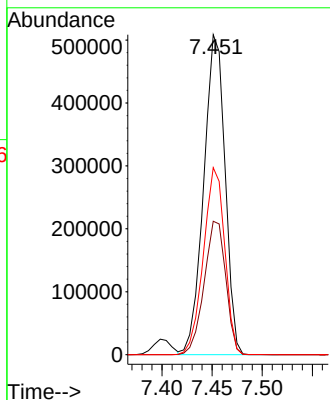
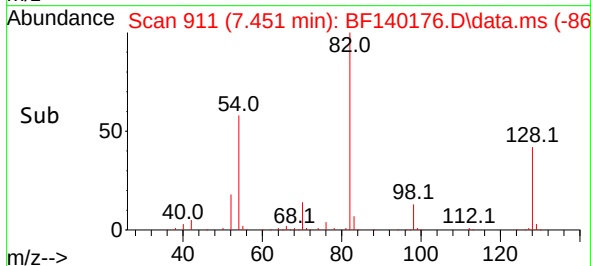


Tgt Ion: 82 Resp: 756098  
Ion Ratio Lower Upper  
82 100  
128 41.7 33.4 50.0  
54 58.5 47.8 71.8

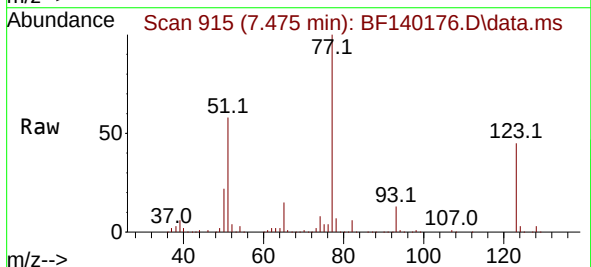
Manual Integrations

APPROVED

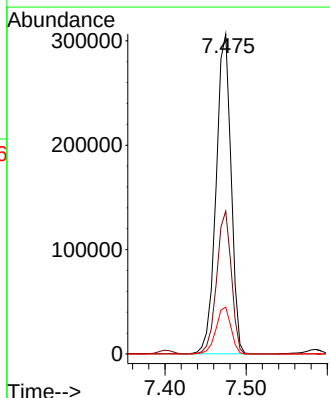
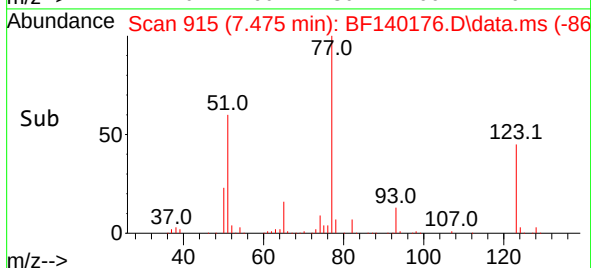
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

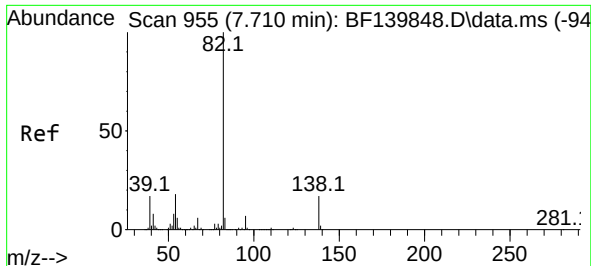


#24  
Nitrobenzene  
Concen: 42.272 ng  
RT: 7.475 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion: 77 Resp: 391913  
Ion Ratio Lower Upper  
77 100  
123 44.6 35.7 53.5  
65 14.6 11.5 17.3





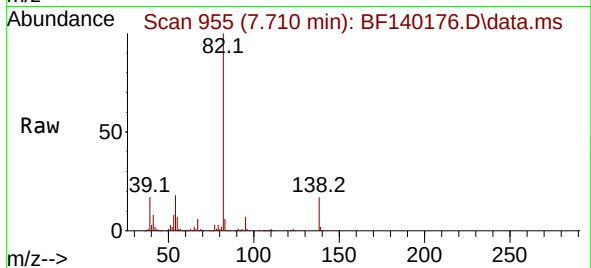
#25  
Isophorone  
Concen: 40.480 ng  
RT: 7.710 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



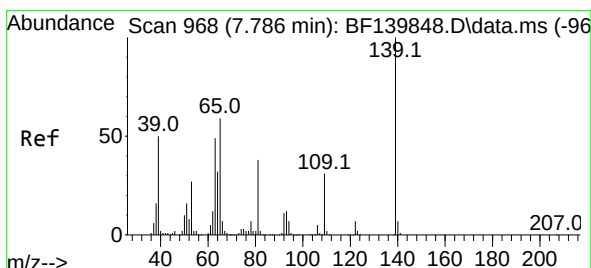
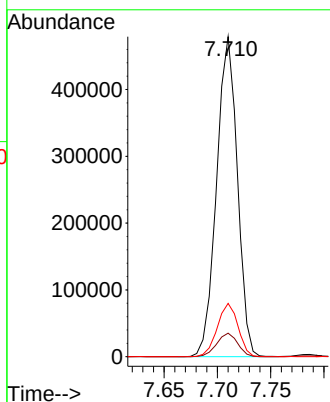
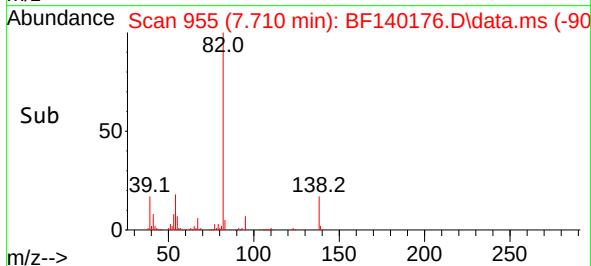
Tgt Ion: 82 Resp: 64968  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.5 8.3  
138 16.7 13.2 19.8

Manual Integrations

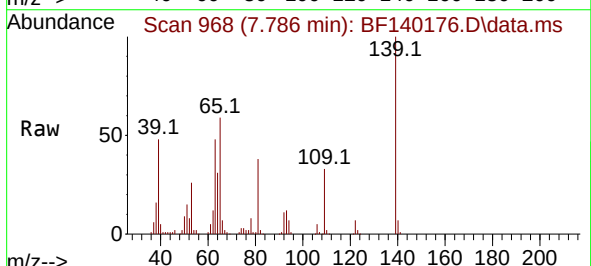
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

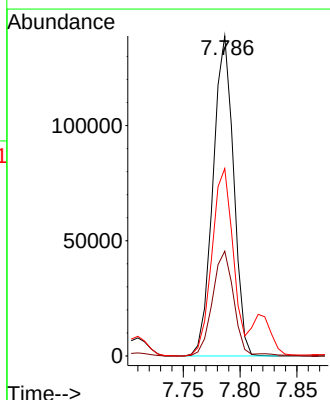
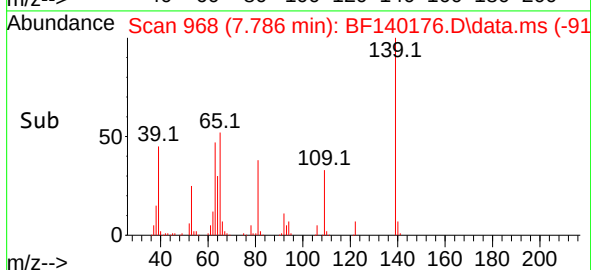
Supervised By :mohammad ahmed 11/04/2024



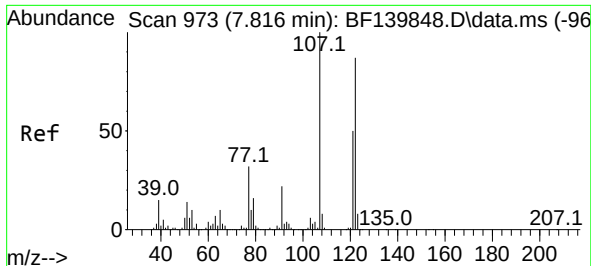
#26  
2-Nitrophenol  
Concen: 50.040 ng  
RT: 7.786 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:139 Resp: 175019  
Ion Ratio Lower Upper  
139 100  
109 32.8 25.1 37.7  
65 58.6 47.5 71.3







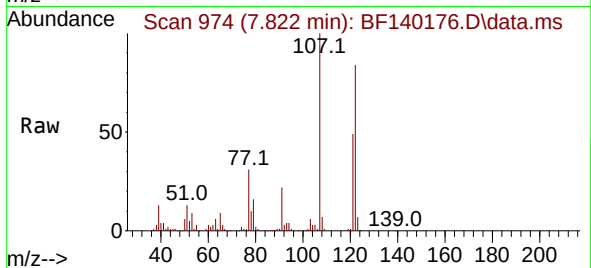
#27  
2,4-Dimethylphenol  
Concen: 38.457 ng  
RT: 7.822 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

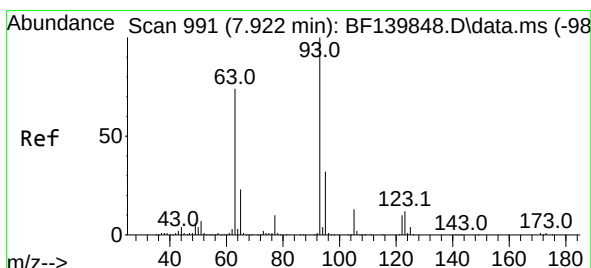
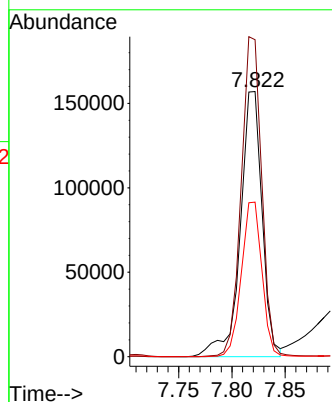
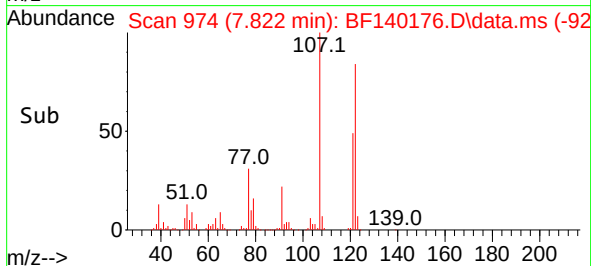


Tgt Ion:122 Resp: 224280  
Ion Ratio Lower Upper  
122 100  
107 119.6 91.9 137.9  
121 58.3 46.2 69.4

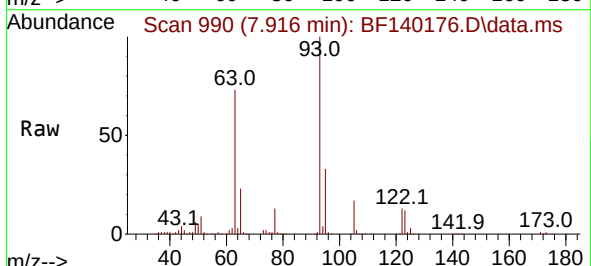
Manual Integrations

APPROVED

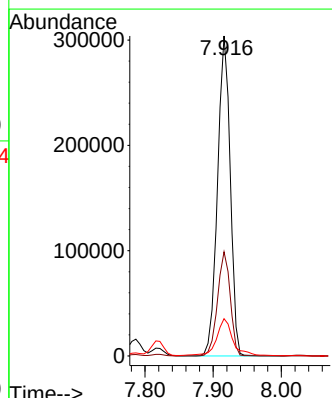
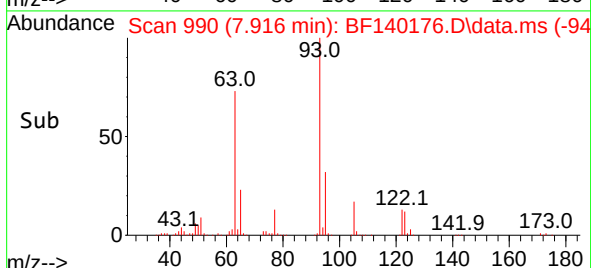
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

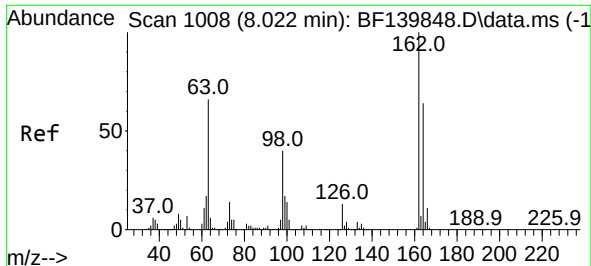


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.541 ng  
RT: 7.916 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion: 93 Resp: 394217  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.0 39.0  
123 11.7 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 41.434 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 27524

Ion Ratio Lower Upper

162 100

164 64.4 43.9 83.9

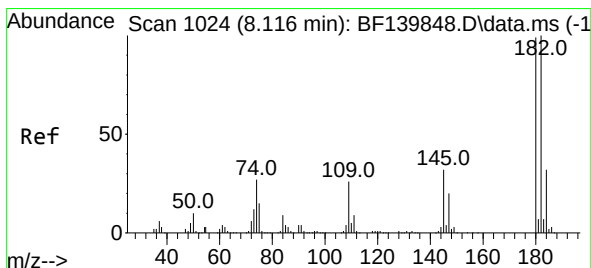
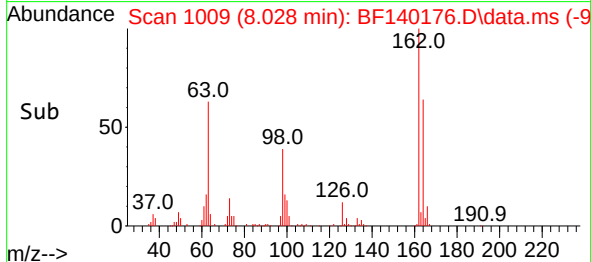
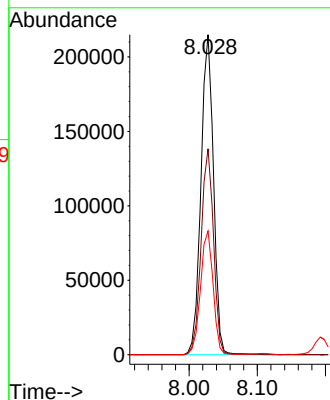
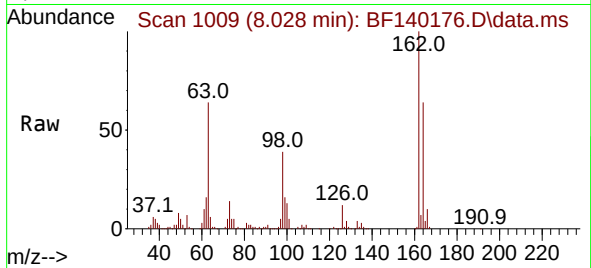
98 38.6 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.398 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

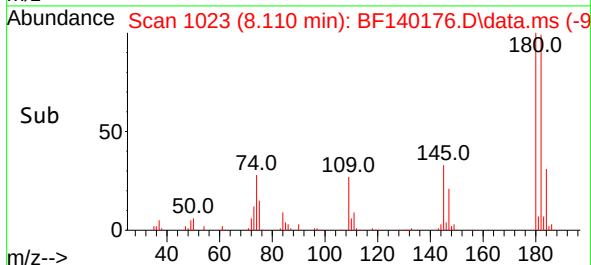
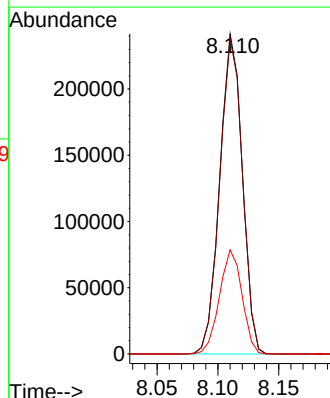
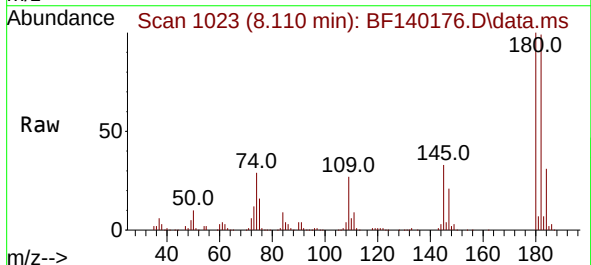
Tgt Ion:180 Resp: 311648

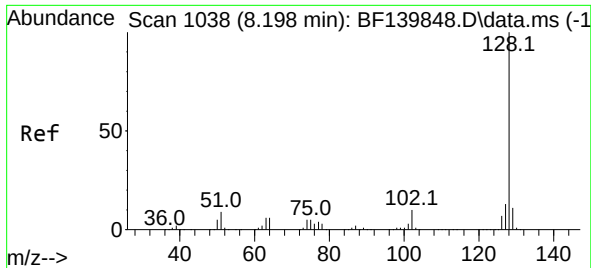
Ion Ratio Lower Upper

180 100

182 98.6 80.5 120.7

145 32.5 25.4 38.0





#31  
Naphthalene  
Concen: 40.486 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

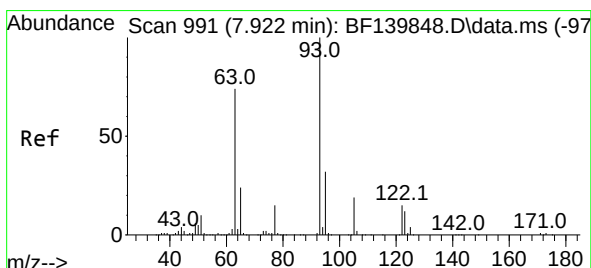
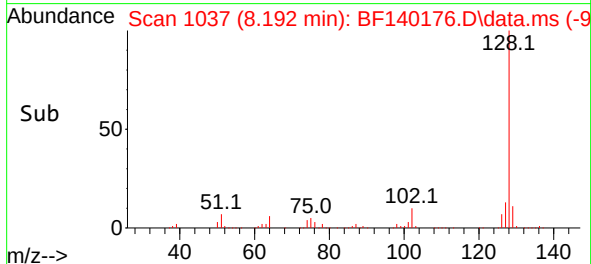
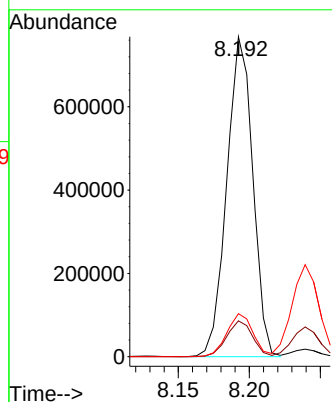
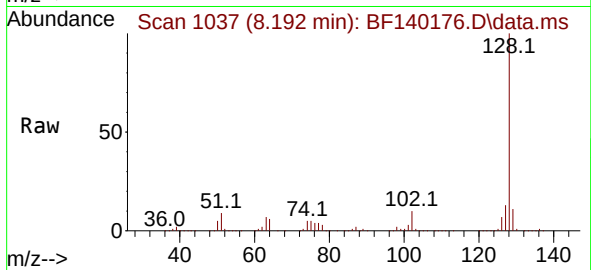
SSTDCCC040

Tgt Ion:128 Resp: 978584  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 13.5 10.6 16.0

Manual Integrations

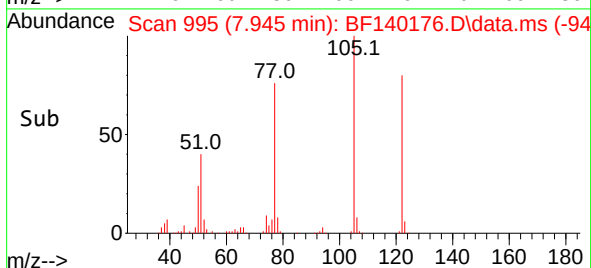
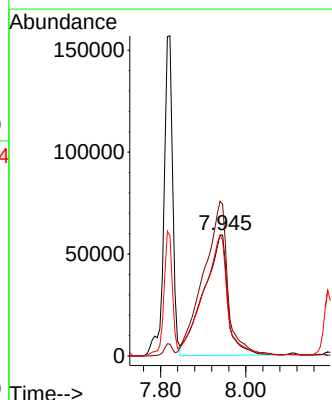
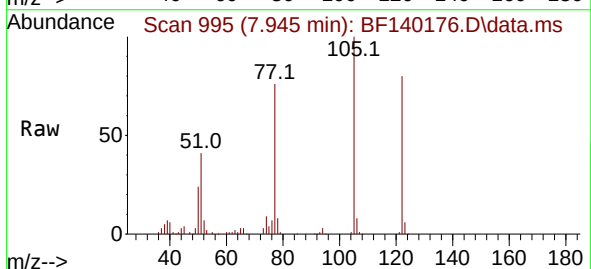
APPROVED

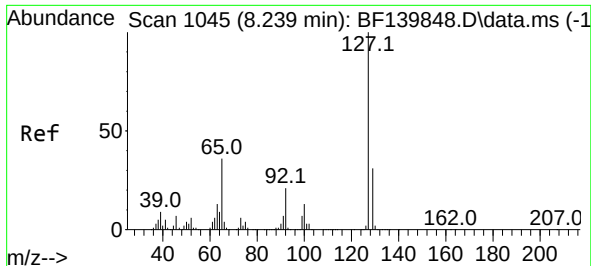
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#32  
Benzoic acid  
Concen: 45.533 ng  
RT: 7.945 min Scan# 995  
Delta R.T. 0.023 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:122 Resp: 231612  
Ion Ratio Lower Upper  
122 100  
105 125.4 107.6 147.6  
77 95.6 80.2 120.2





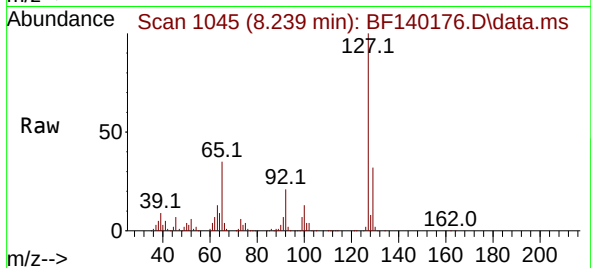
#33  
4-Chloroaniline  
Concen: 35.726 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



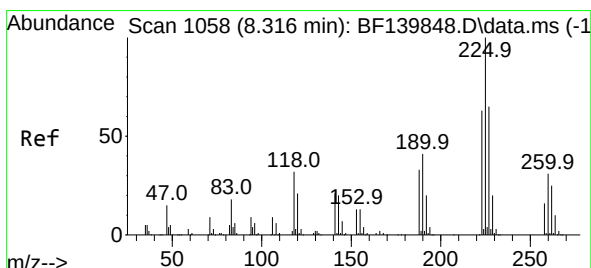
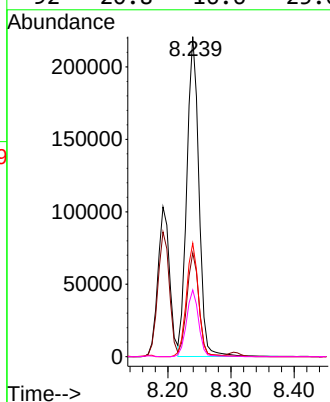
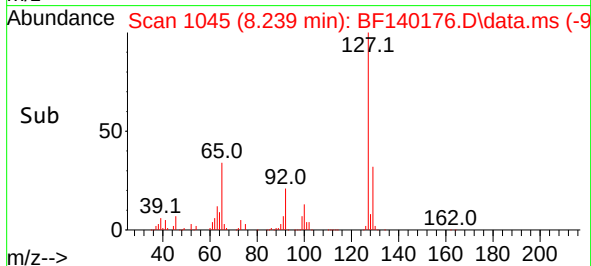
Tgt Ion:127 Resp: 29445  
Ion Ratio Lower Upper  
127 100  
129 32.5 25.4 38.2  
65 35.5 28.4 42.6  
92 20.8 16.6 25.0

Manual Integrations

APPROVED

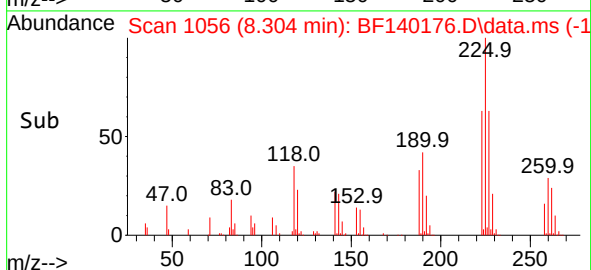
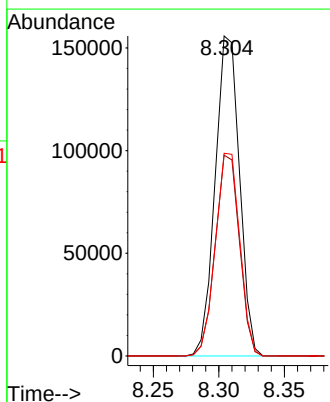
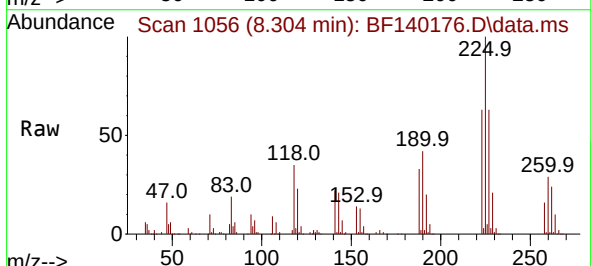
Reviewed By :Yogesh Patel 11/04/2024

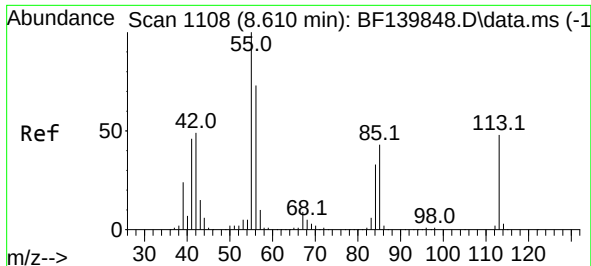
Supervised By :mohammad ahmed 11/04/2024



#34  
Hexachlorobutadiene  
Concen: 43.526 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. -0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

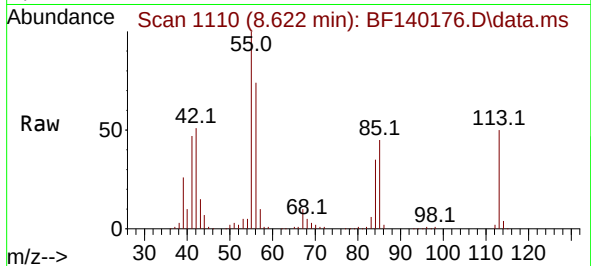
Tgt Ion:225 Resp: 201022  
Ion Ratio Lower Upper  
225 100  
223 62.8 50.6 76.0  
227 63.4 51.8 77.8





#35  
 Caprolactam  
 Concen: 42.427 ng  
 RT: 8.622 min Scan# 1110  
 Delta R.T. 0.012 min  
 Lab File: BF140176.D  
 Acq: 31 Oct 2024 09:22

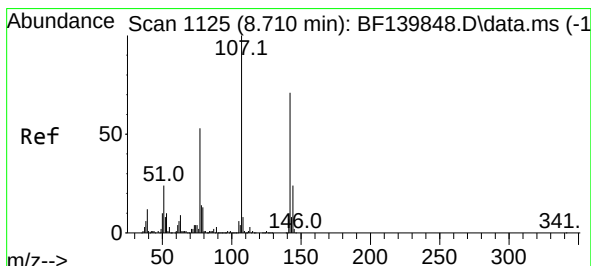
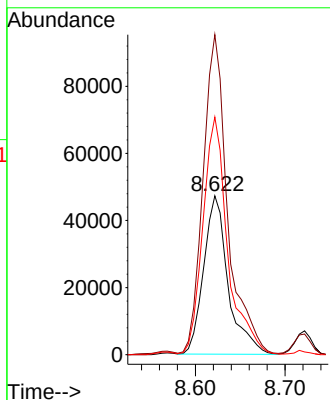
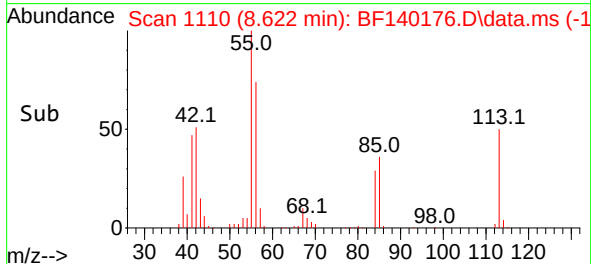
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



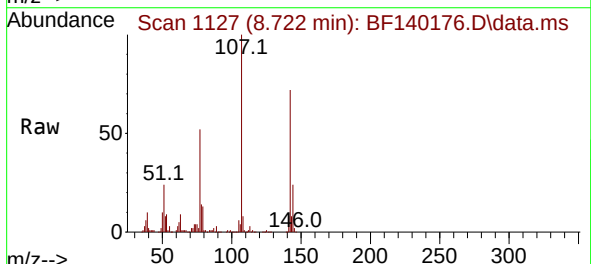
Tgt Ion:113 Resp: 89615  
 Ion Ratio Lower Upper  
 113 100  
 55 201.3 189.2 229.2  
 56 149.5 132.5 172.5

Manual Integrations  
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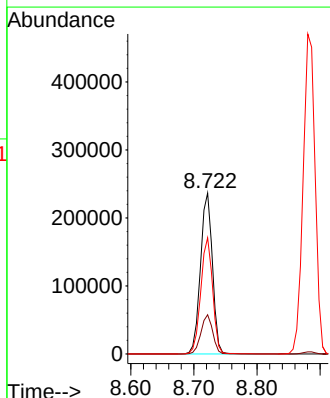
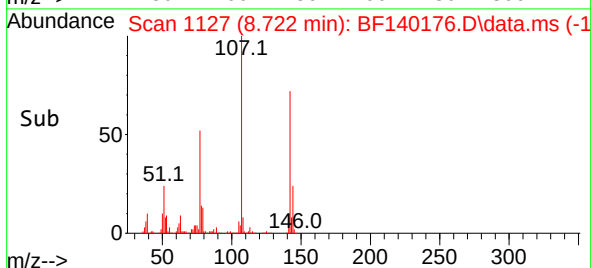
Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/04/2024

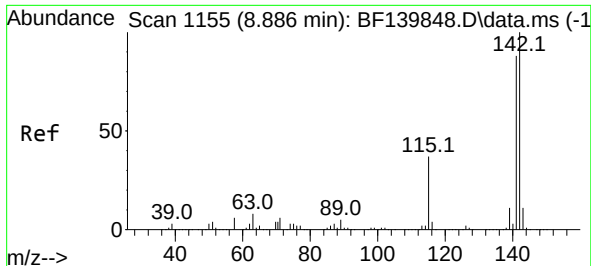


#36  
 4-Chloro-3-methylphenol  
 Concen: 42.394 ng  
 RT: 8.722 min Scan# 1127  
 Delta R.T. 0.012 min  
 Lab File: BF140176.D  
 Acq: 31 Oct 2024 09:22



Tgt Ion:107 Resp: 311832  
 Ion Ratio Lower Upper  
 107 100  
 144 24.3 19.1 28.7  
 142 72.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 41.818 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 61904

Ion Ratio Lower Upper

142 100

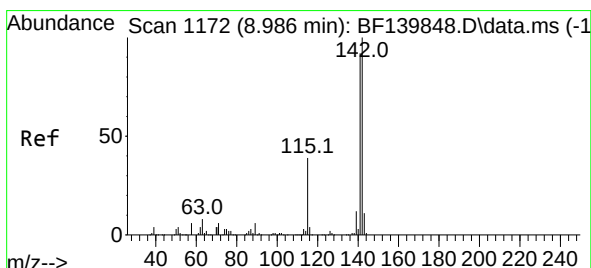
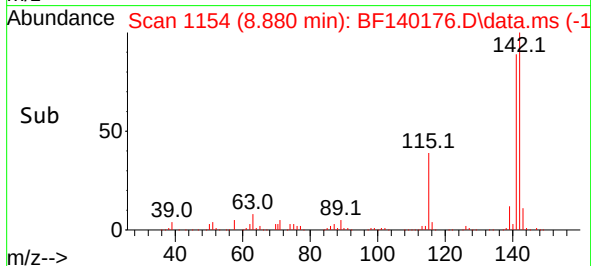
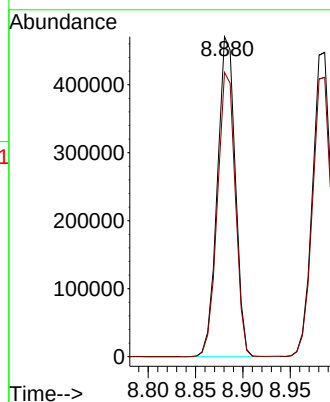
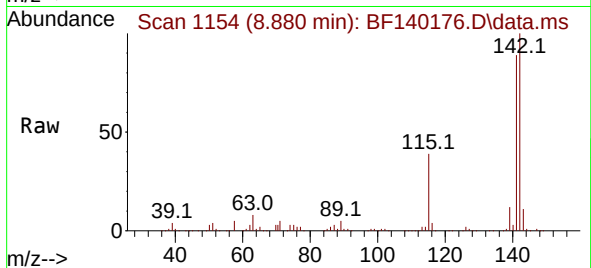
141 88.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#38

1-Methylnaphthalene

Concen: 41.411 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140176.D

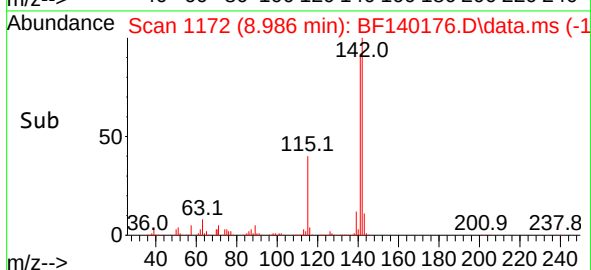
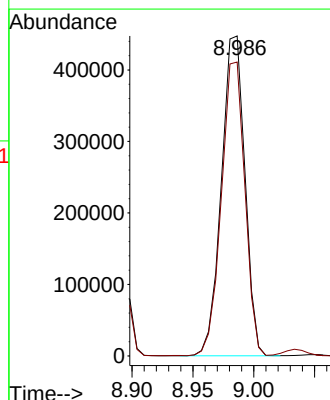
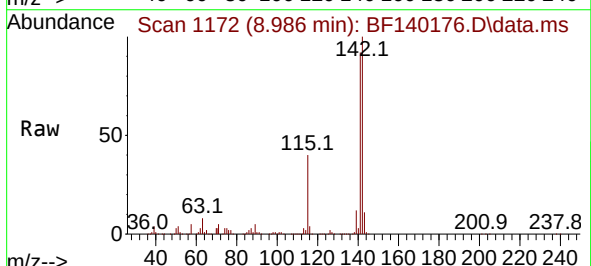
Acq: 31 Oct 2024 09:22

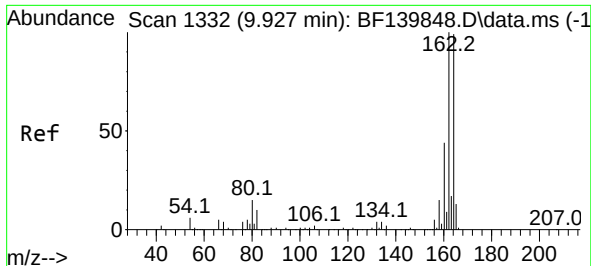
Tgt Ion:142 Resp: 601449

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3





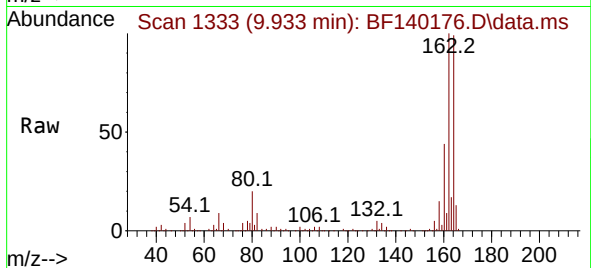
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1183  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



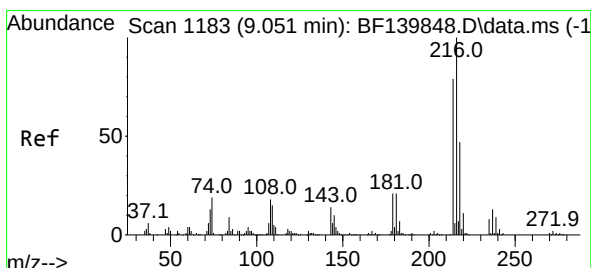
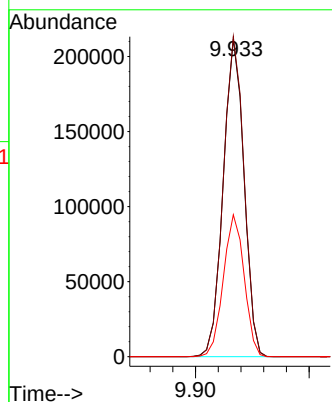
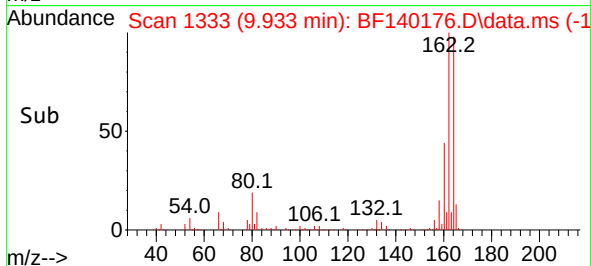
Tgt Ion:164 Resp: 26925  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.0 121.4  
160 44.7 35.4 53.0

Manual Integrations

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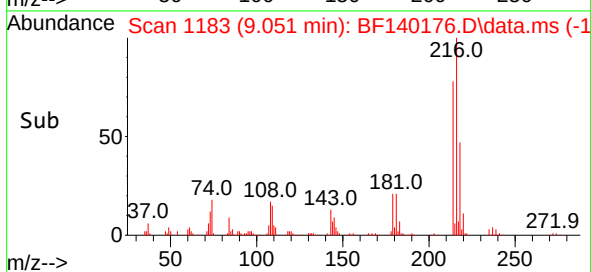
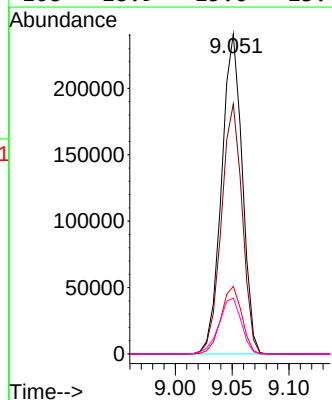
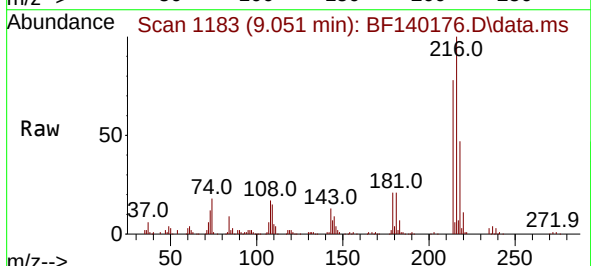
Reviewed By :Yogesh Patel 11/04/2024

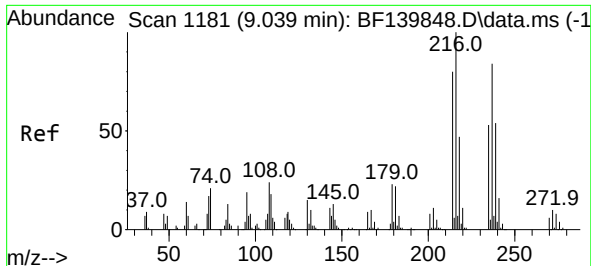
Supervised By :mohammad ahmed 11/04/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.958 ng  
RT: 9.051 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:216 Resp: 304787  
Ion Ratio Lower Upper  
216 100  
214 78.5 63.4 95.0  
179 21.3 17.2 25.8  
108 18.9 15.6 23.4





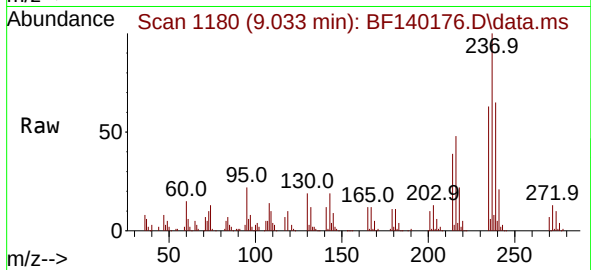
#41  
Hexachlorocyclopentadiene  
Concen: 39.431 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



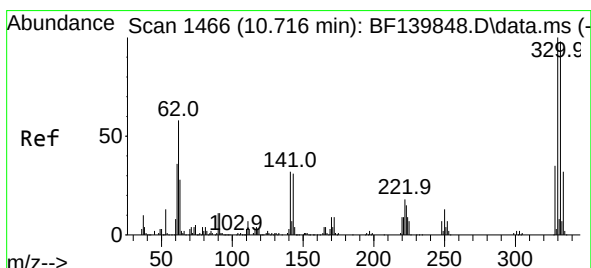
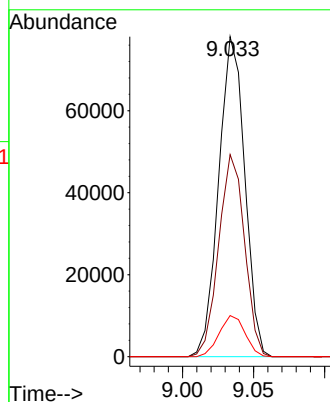
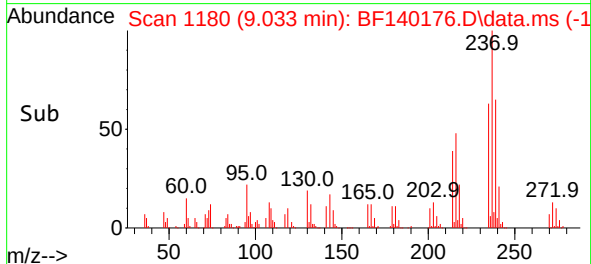
Tgt Ion:237 Resp: 99664  
Ion Ratio Lower Upper  
237 100  
235 63.1 42.9 82.9  
272 12.8 0.0 32.3

Manual Integrations

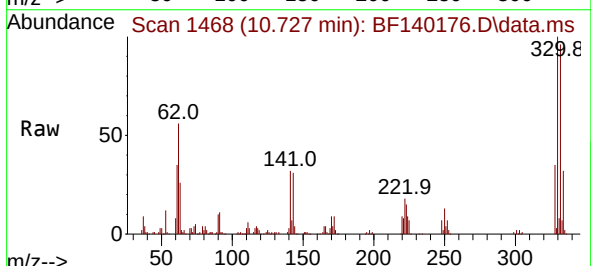
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

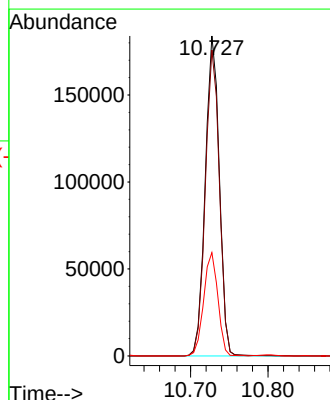
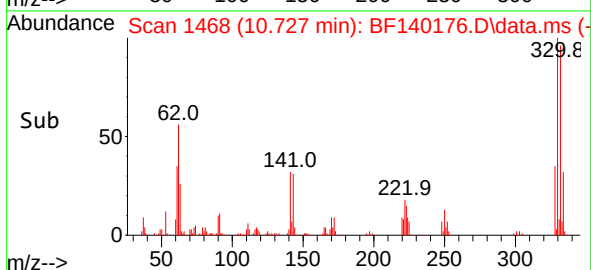
Supervised By :mohammad ahmed 11/04/2024



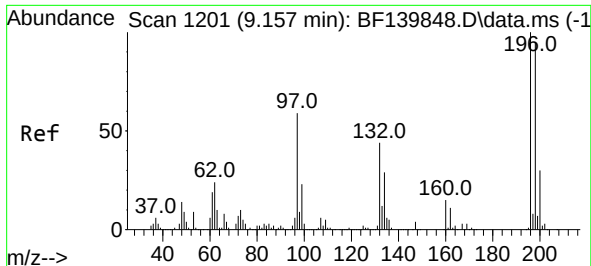
#42  
2,4,6-Tribromophenol  
Concen: 92.078 ng  
RT: 10.727 min Scan# 1468  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:330 Resp: 231902  
Ion Ratio Lower Upper  
330 100  
332 95.5 78.1 117.1  
141 32.5 26.6 39.8







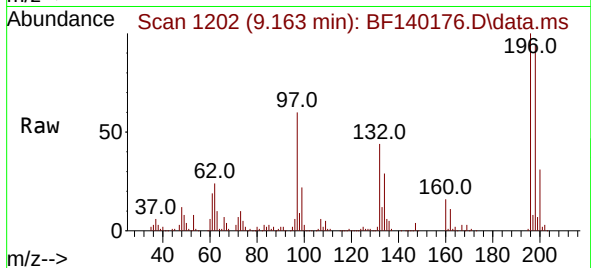
#43  
2,4,6-Trichlorophenol  
Concen: 40.351 ng  
RT: 9.163 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



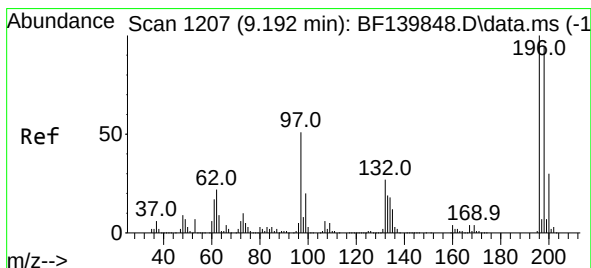
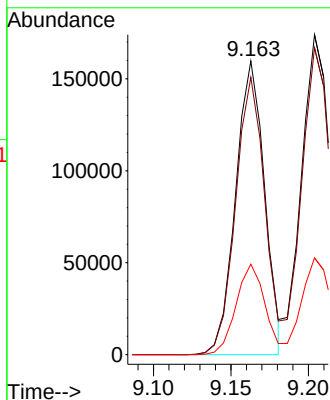
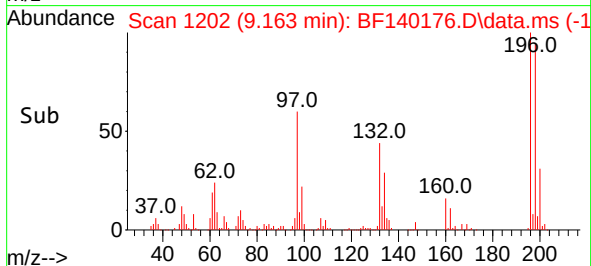
Tgt Ion:196 Resp: 20752  
Ion Ratio Lower Upper  
196 100  
198 94.4 76.2 114.2  
200 30.8 24.0 36.0

Manual Integrations

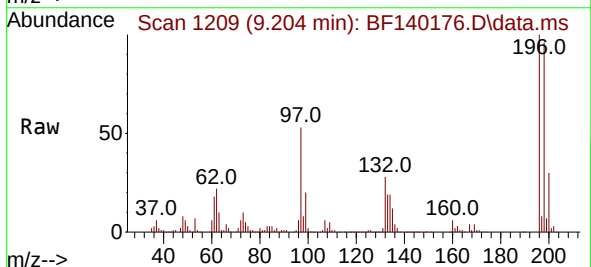
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

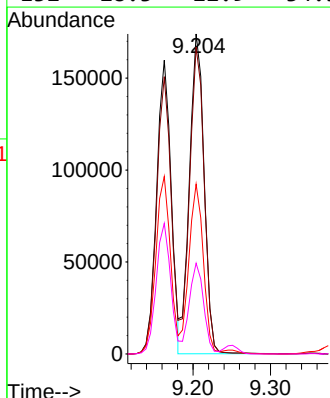
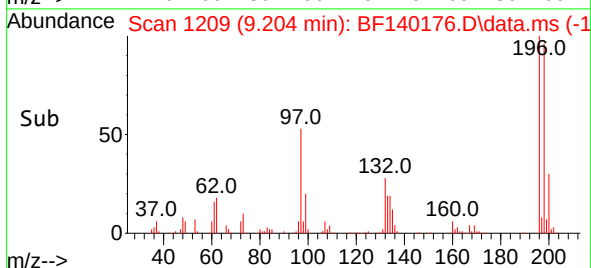
Supervised By :mohammad ahmed 11/04/2024

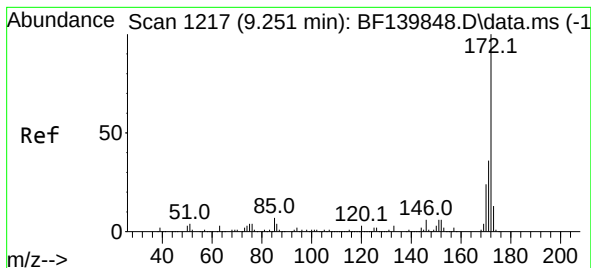


#44  
2,4,5-Trichlorophenol  
Concen: 42.986 ng  
RT: 9.204 min Scan# 1209  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:196 Resp: 228084  
Ion Ratio Lower Upper  
196 100  
198 95.9 75.8 113.6  
97 53.1 41.8 62.6  
132 28.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 81.366 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 132560

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

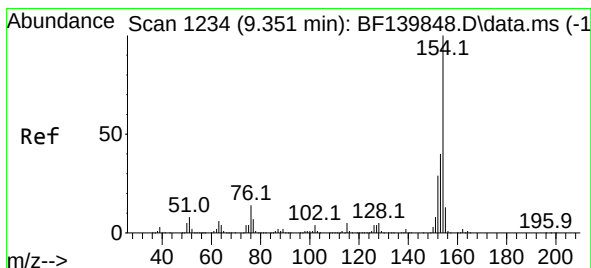
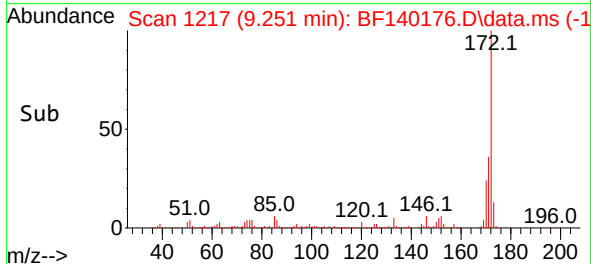
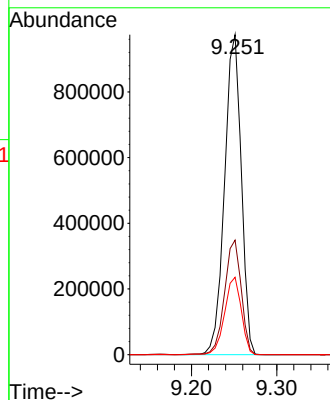
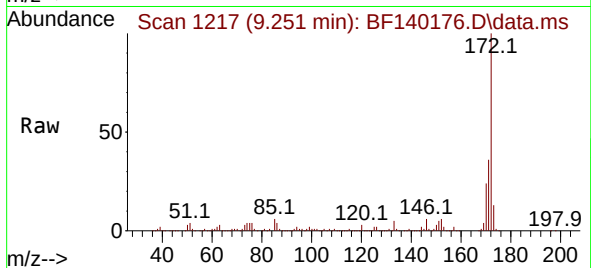
170 24.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 40.314 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

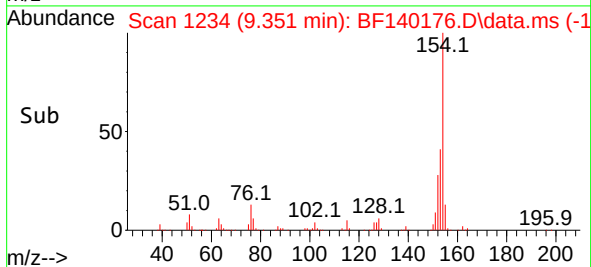
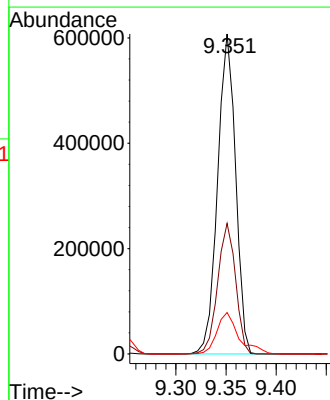
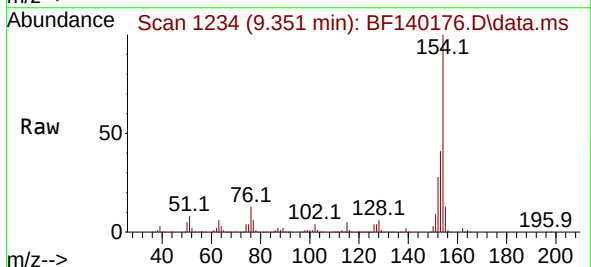
Tgt Ion:154 Resp: 755651

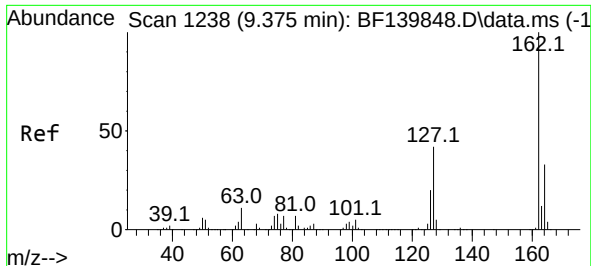
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 13.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.699 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140176.D

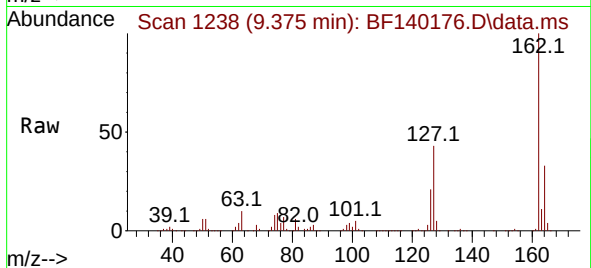
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



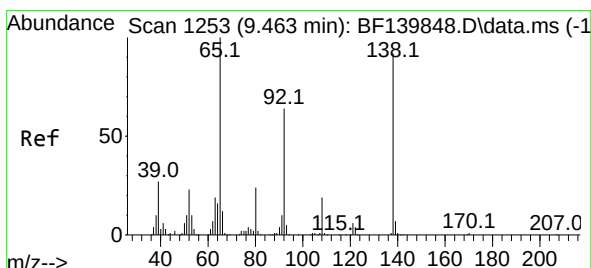
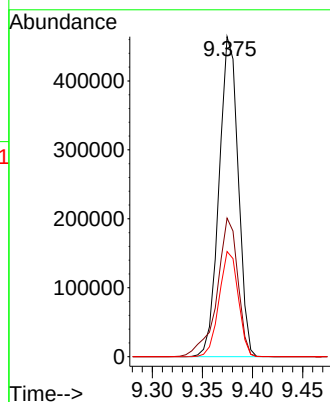
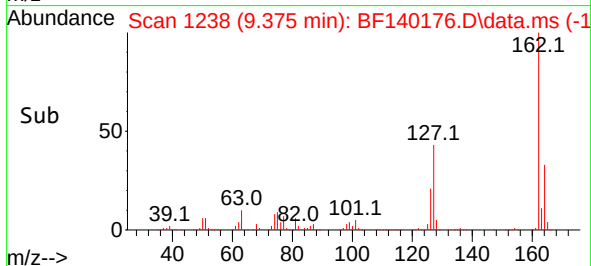
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 614419 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 43.3  | 33.8  | 50.6   |
| 164       | 32.8  | 26.6  | 39.8   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#48

2-Nitroaniline

Concen: 46.476 ng

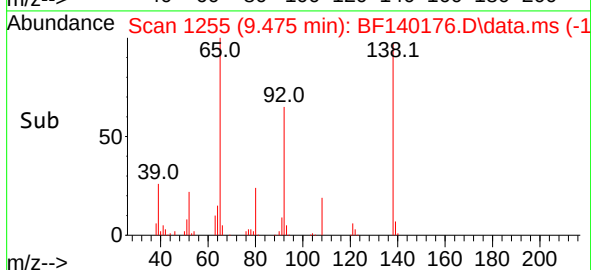
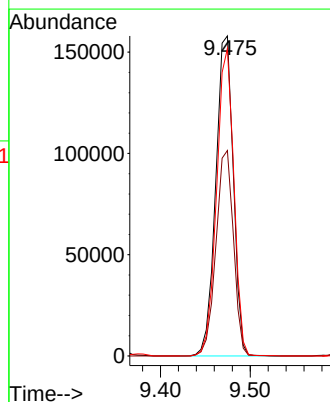
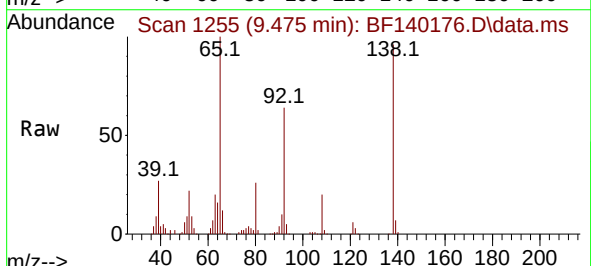
RT: 9.475 min Scan# 1255

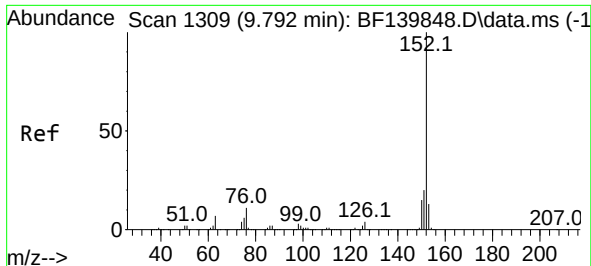
Delta R.T. 0.012 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 214591 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 64.2  | 50.9  | 76.3   |
| 138       | 96.1  | 73.4  | 110.0  |





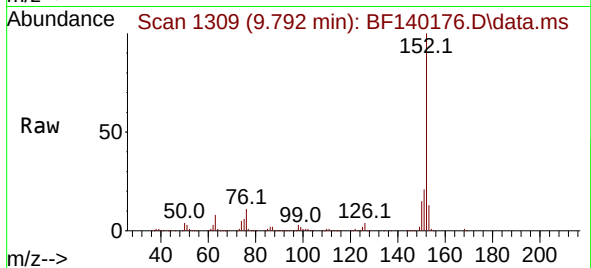
#49  
Acenaphthylene  
Concen: 40.115 ng  
RT: 9.792 min Scan# 1309  
Delta R.T. 0.000 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



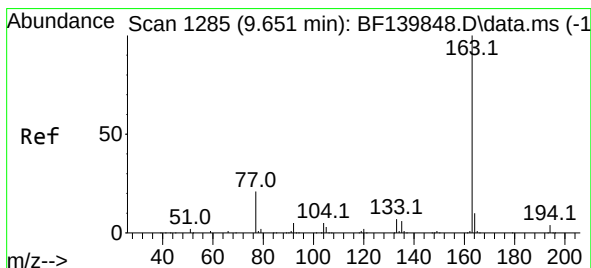
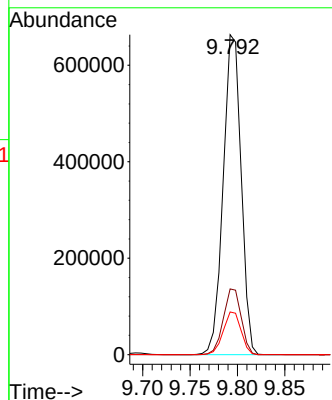
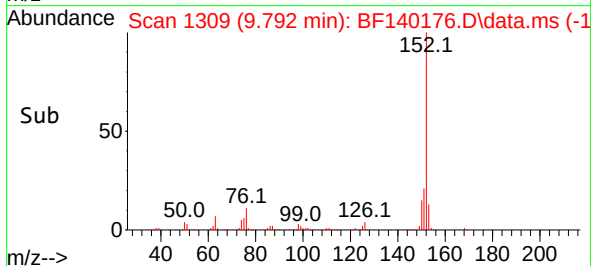
Tgt Ion:152 Resp: 875529  
Ion Ratio Lower Upper  
152 100  
151 20.6 15.9 23.9  
153 13.4 10.7 16.1

Manual Integrations

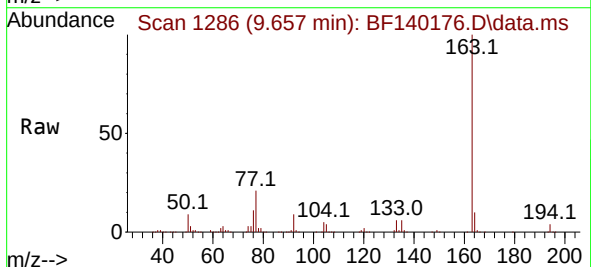
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

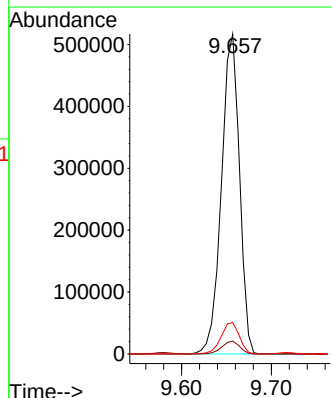
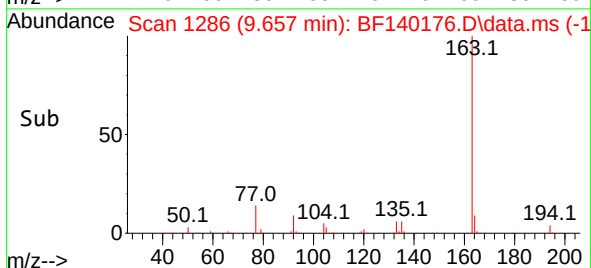
Supervised By :mohammad ahmed 11/04/2024

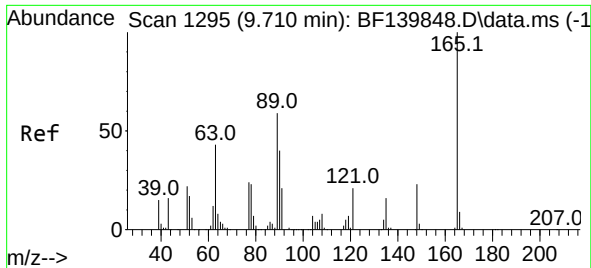


#50  
Dimethylphthalate  
Concen: 42.941 ng  
RT: 9.657 min Scan# 1286  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:163 Resp: 720178  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 9.9 8.2 12.2





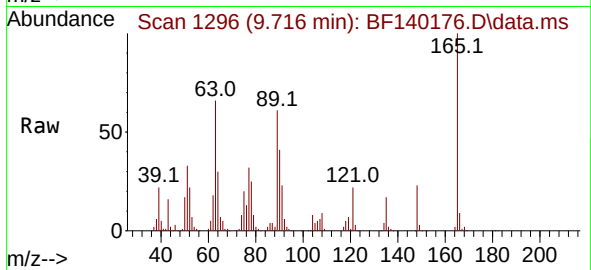
#51  
2,6-Dinitrotoluene  
Concen: 45.262 ng  
RT: 9.716 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

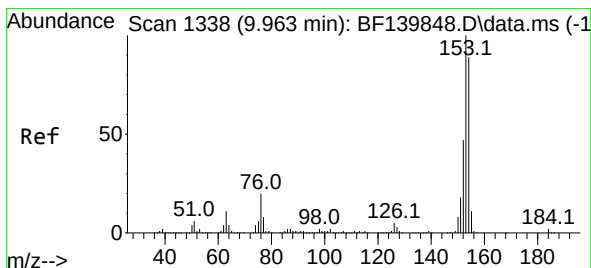
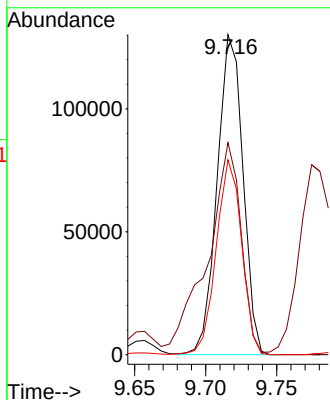
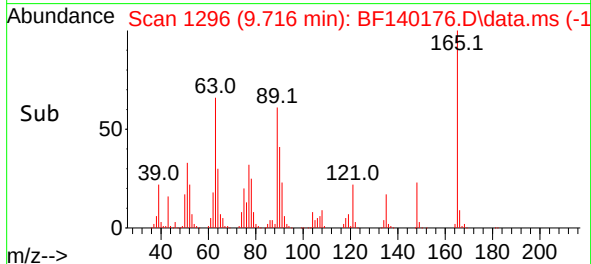


Tgt Ion:165 Resp: 164360  
Ion Ratio Lower Upper  
165 100  
63 66.3 50.6 75.8  
89 60.9 47.5 71.3

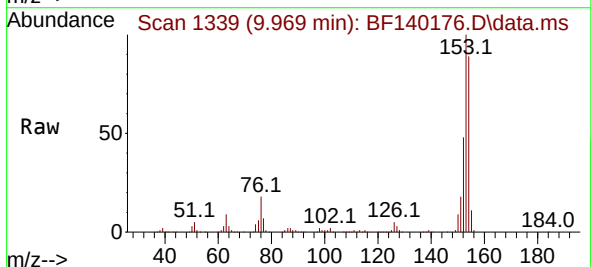
Manual Integrations

APPROVED

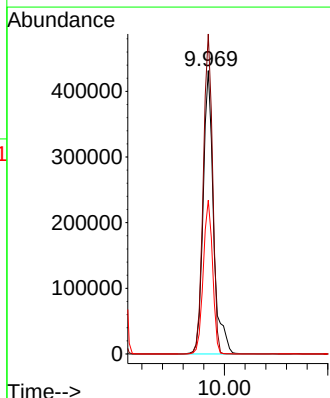
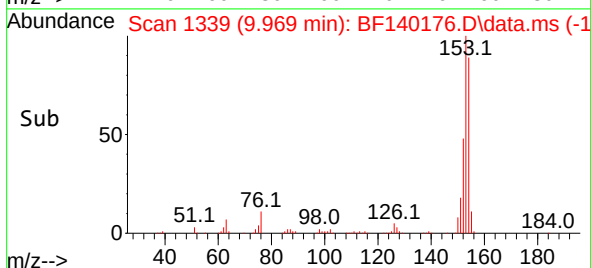
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

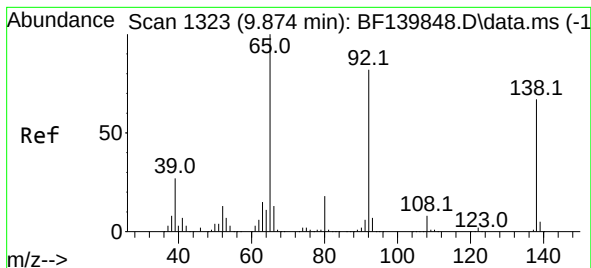


#52  
Acenaphthene  
Concen: 42.538 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:154 Resp: 600586  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.8 134.6  
152 54.3 42.4 63.6





#53  
3-Nitroaniline  
Concen: 44.918 ng  
RT: 9.886 min Scan# 1325  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

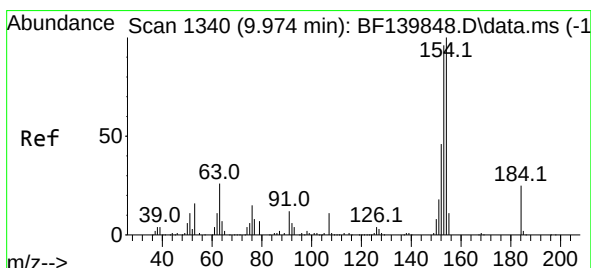
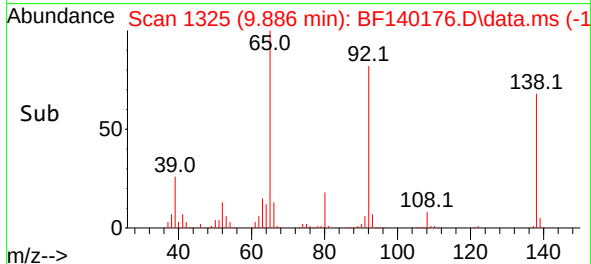
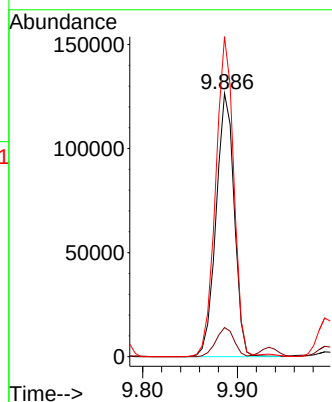
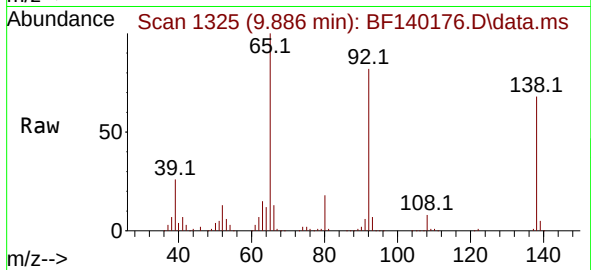
SSTDCCC040

Tgt Ion:138 Resp: 168200  
Ion Ratio Lower Upper  
138 100  
108 11.1 10.2 15.2  
92 121.5 98.3 147.5

Manual Integrations

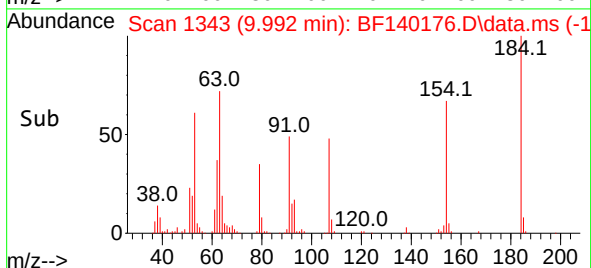
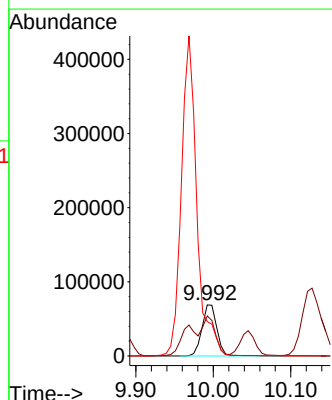
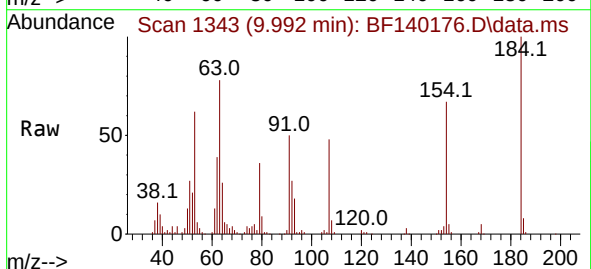
APPROVED

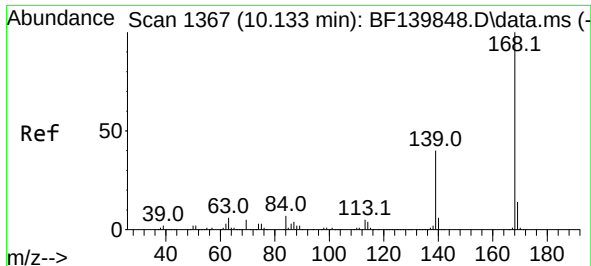
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#54  
2,4-Dinitrophenol  
Concen: 62.687 ng  
RT: 9.992 min Scan# 1343  
Delta R.T. 0.018 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

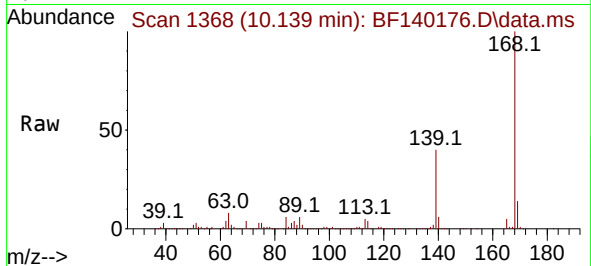
Tgt Ion:184 Resp: 92258  
Ion Ratio Lower Upper  
184 100  
63 78.4 84.7 127.1#  
154 67.3 338.2 507.2#





#55  
Dibenzenofuran  
Concen: 40.374 ng  
RT: 10.139 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

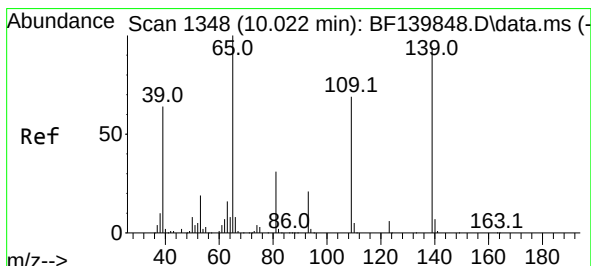
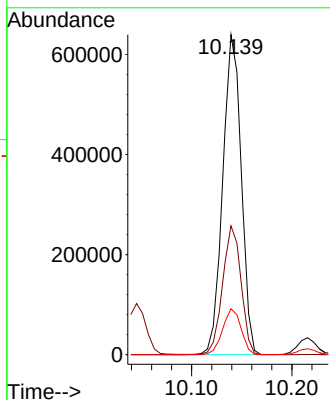
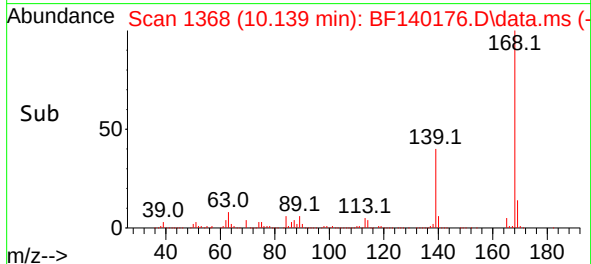
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 81785  
Ion Ratio Lower Upper  
168 100  
139 40.3 31.8 47.6  
169 14.4 11.6 17.4

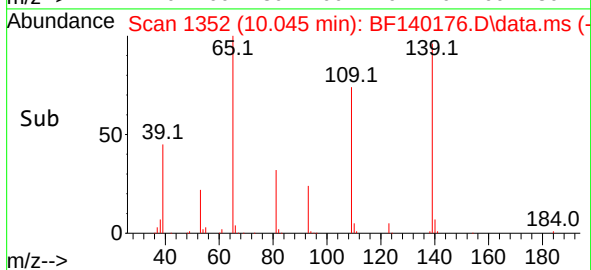
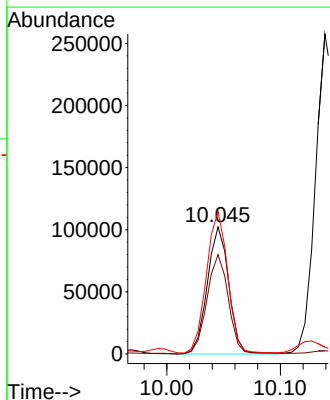
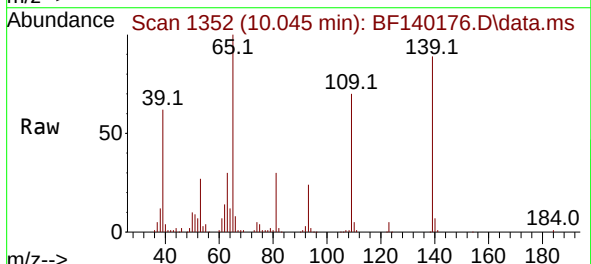
Manual Integrations  
APPROVED

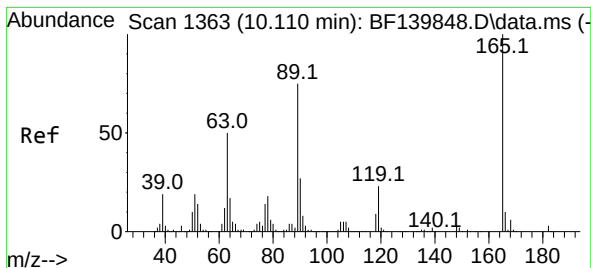
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#56  
4-Nitrophenol  
Concen: 46.548 ng  
RT: 10.045 min Scan# 1352  
Delta R.T. 0.024 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:139 Resp: 134108  
Ion Ratio Lower Upper  
139 100  
109 78.2 53.6 93.6  
65 112.1 87.8 127.8





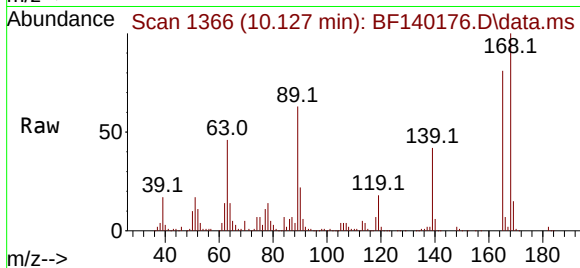
#57  
2,4-Dinitrotoluene  
Concen: 49.857 ng  
RT: 10.127 min Scan# 1366  
Delta R.T. 0.018 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



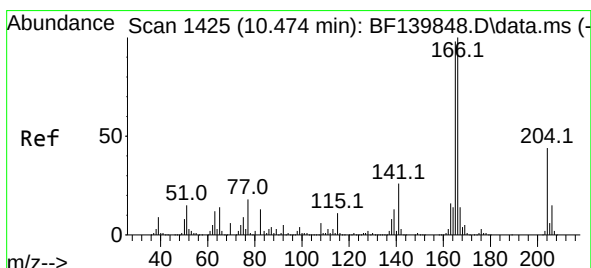
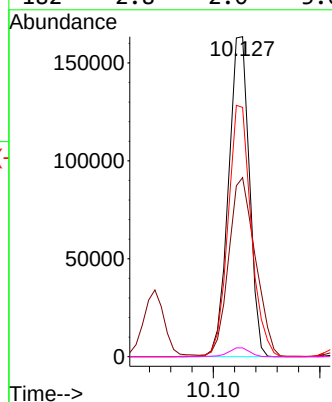
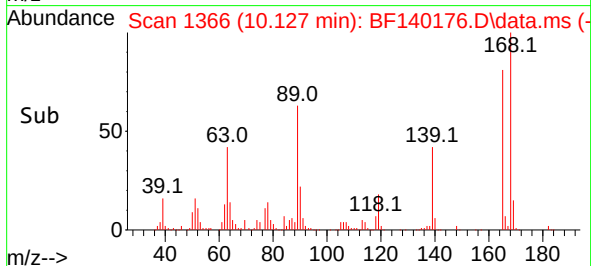
Tgt Ion:165 Resp: 222639  
Ion Ratio Lower Upper  
165 100  
63 56.0 40.1 60.1  
89 77.9 60.4 90.6  
182 2.8 2.0 3.0

Manual Integrations

APPROVED

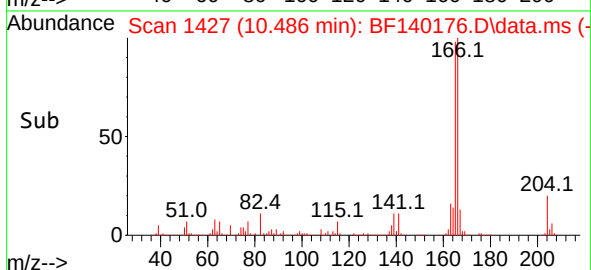
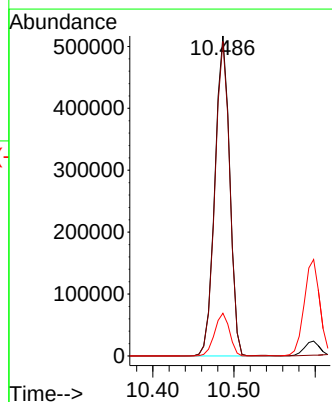
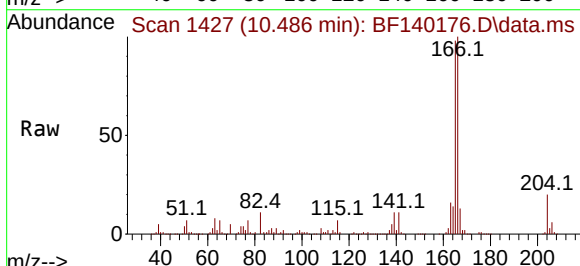
Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024

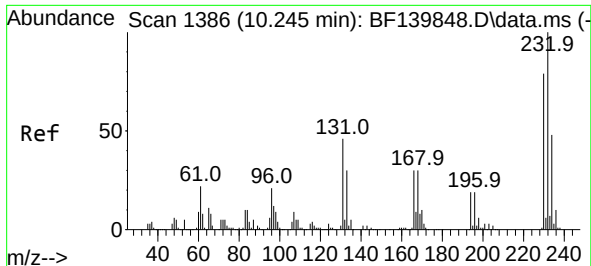


#58  
Fluorene  
Concen: 42.468 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:166 Resp: 655241  
Ion Ratio Lower Upper  
166 100  
165 98.3 78.5 117.7  
167 13.4 10.9 16.3







#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.248 ng  
RT: 10.257 min Scan# 1388  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

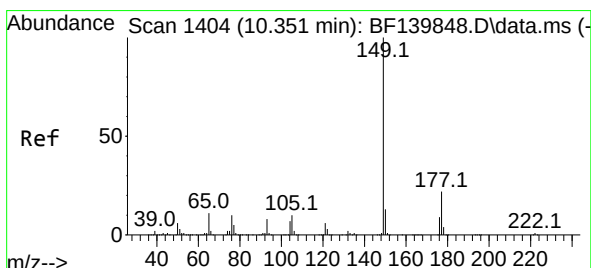
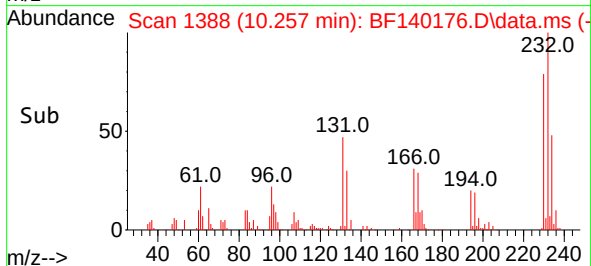
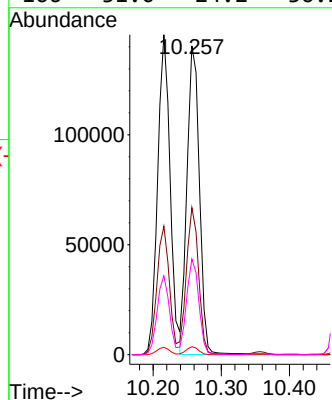
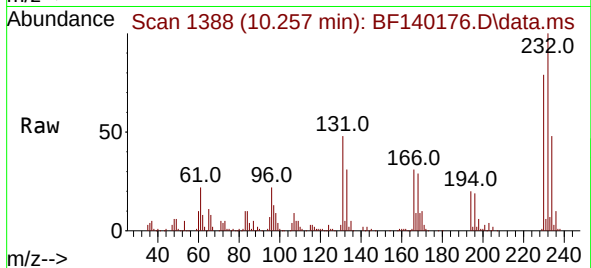
SSTDCCC040

Tgt Ion:232 Resp: 17573  
Ion Ratio Lower Upper  
232 100  
131 47.6 37.0 55.6  
130 2.6 1.9 2.9  
166 31.0 24.2 36.2

Manual Integrations

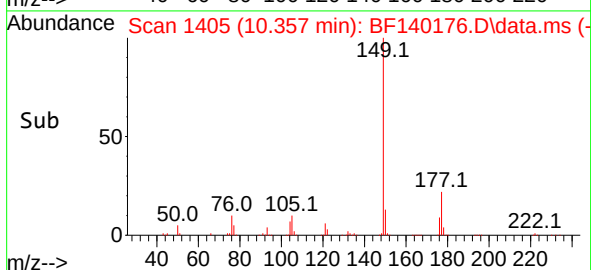
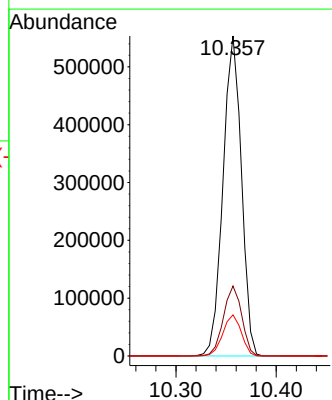
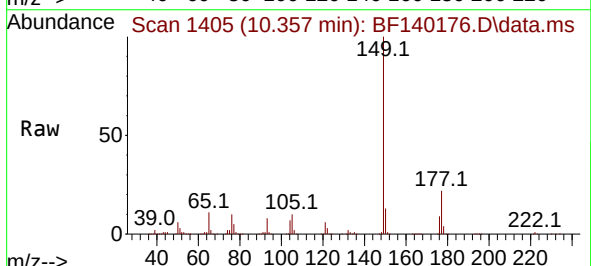
APPROVED

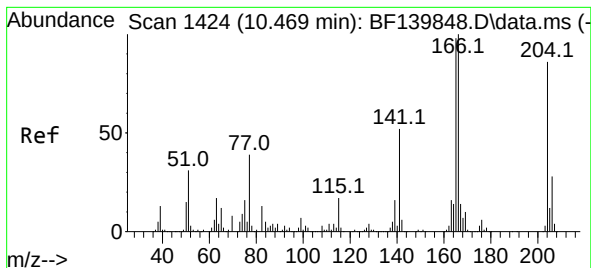
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#60  
Diethylphthalate  
Concen: 42.805 ng  
RT: 10.357 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

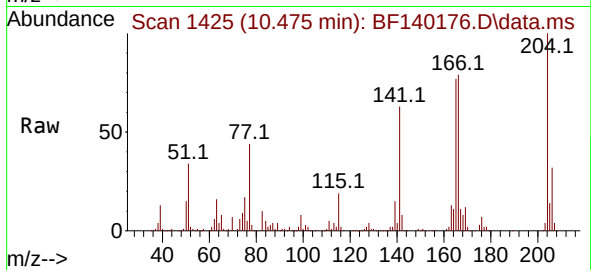
Tgt Ion:149 Resp: 704862  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.9 26.9  
150 12.9 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 42.396 ng  
RT: 10.475 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

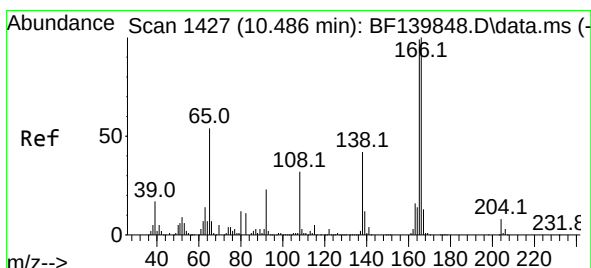
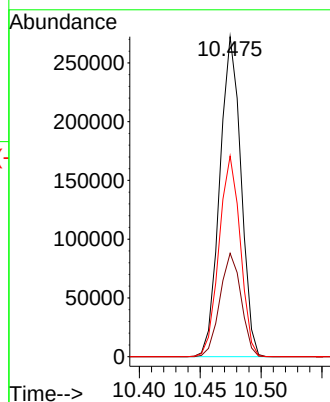
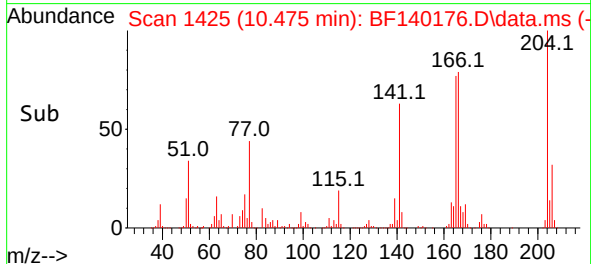
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



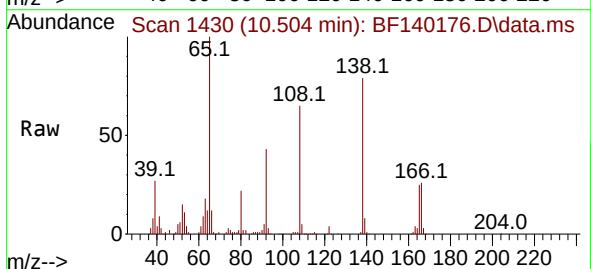
Tgt Ion:204 Resp: 33033  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.3 39.5  
141 62.7 48.6 73.0

Manual Integrations  
APPROVED

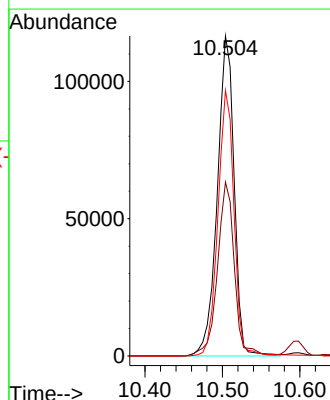
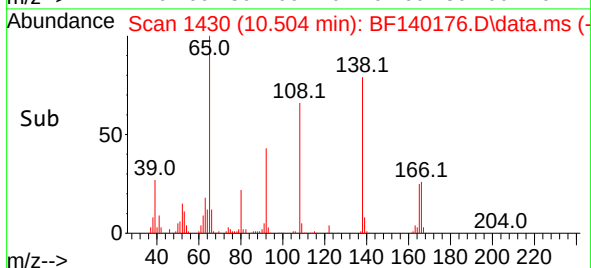
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

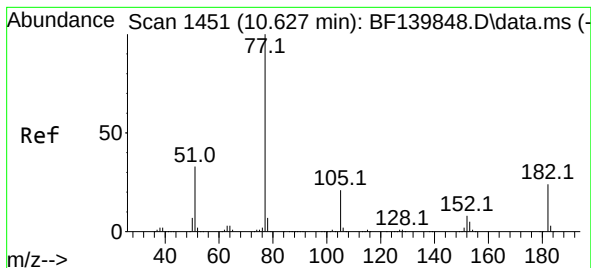


#62  
4-Nitroaniline  
Concen: 49.698 ng  
RT: 10.504 min Scan# 1430  
Delta R.T. 0.018 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:138 Resp: 175772  
Ion Ratio Lower Upper  
138 100  
92 54.4 35.7 75.7  
108 83.0 57.5 97.5





#63

Azobenzene

Concen: 40.476 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BF140176.D

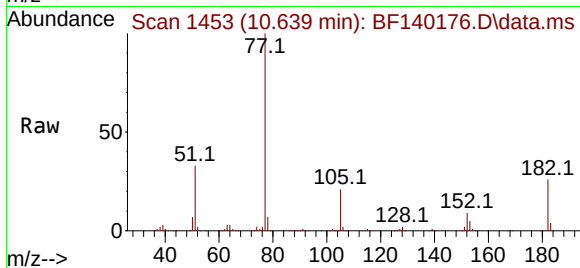
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 706619

Ion Ratio Lower Upper

77 100

182 25.7 3.3 43.3

105 21.4 1.2 41.2

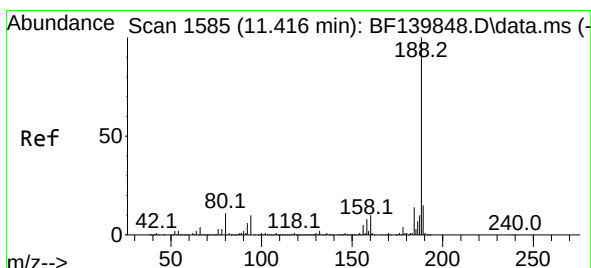
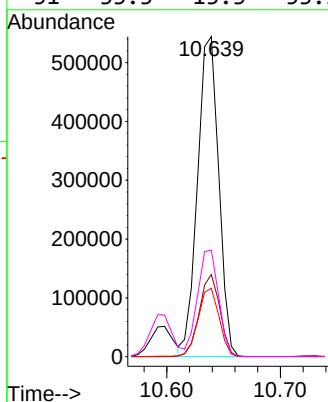
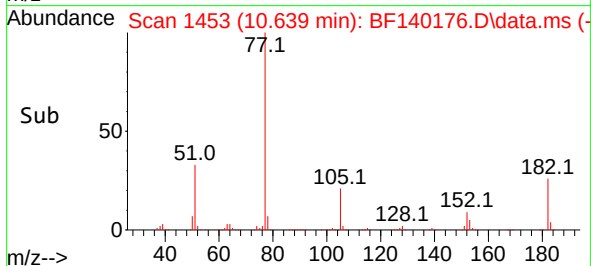
51 33.3 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.012 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

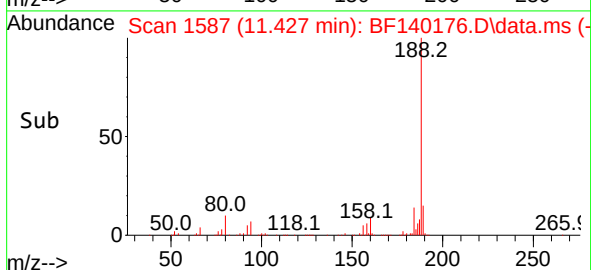
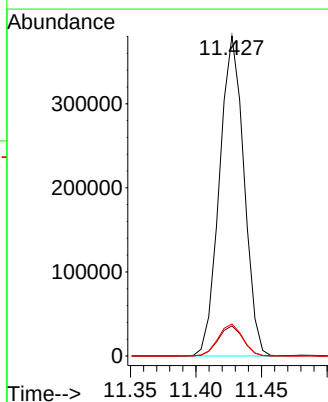
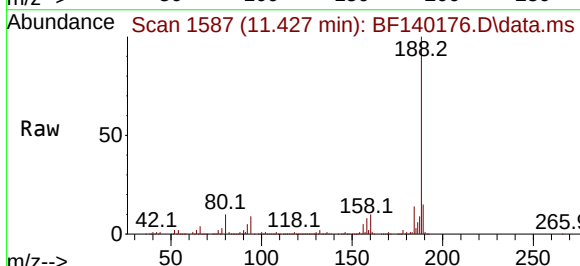
Tgt Ion:188 Resp: 495112

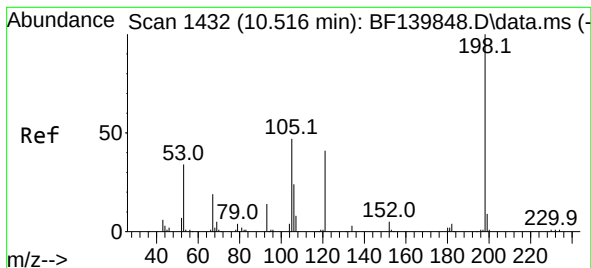
Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.0 9.0 13.4





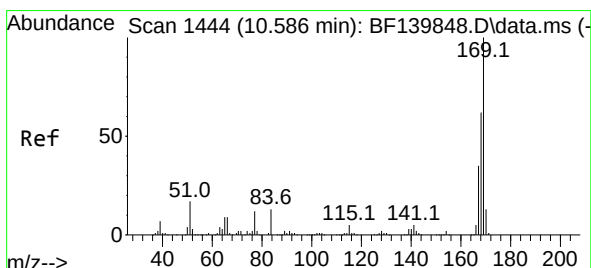
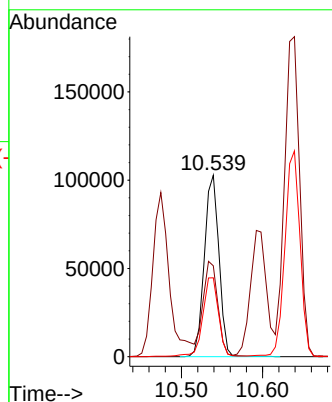
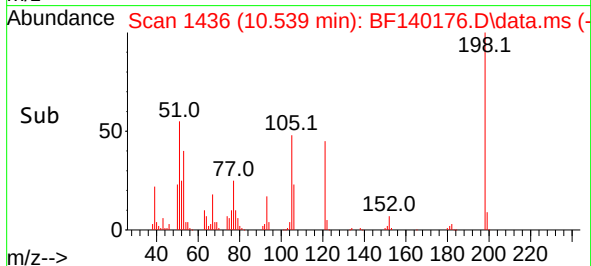
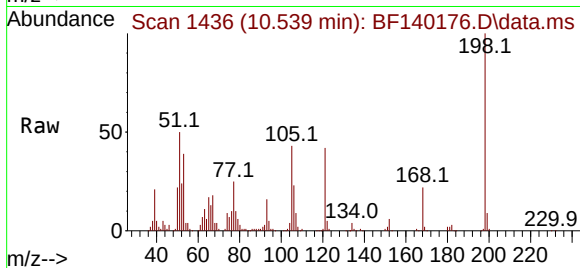
#65  
4,6-Dinitro-2-methylphenol  
Concen: 63.659 ng  
RT: 10.539 min Scan# 1432  
Delta R.T. 0.023 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 128561  
Ion Ratio Lower Upper  
198 100  
51 50.1 38.2 78.2  
105 43.5 27.9 67.9

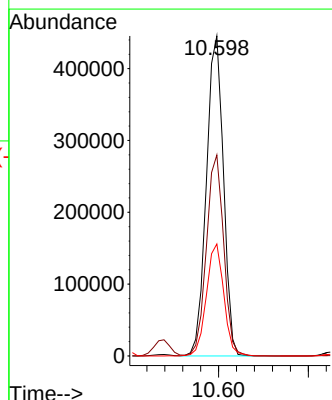
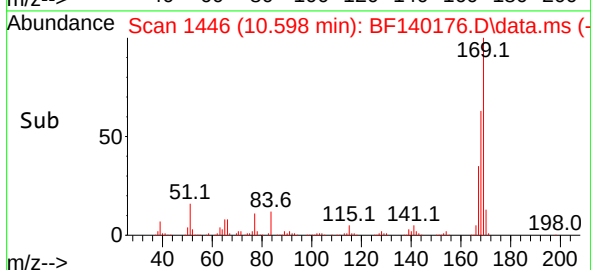
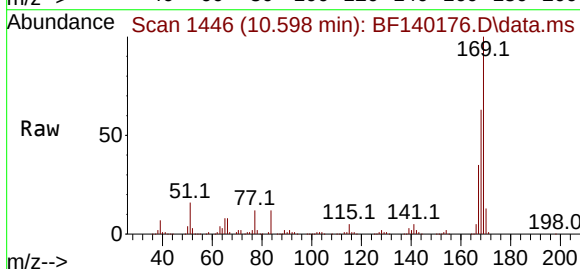
Manual Integrations  
APPROVED

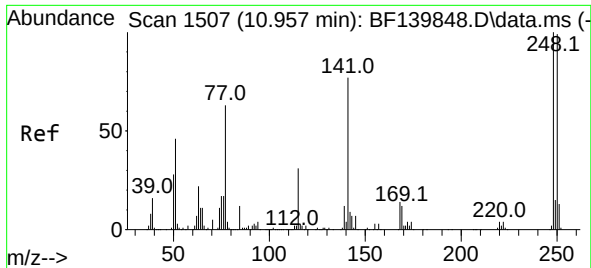
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#66  
n-Nitrosodiphenylamine  
Concen: 39.603 ng  
RT: 10.598 min Scan# 1446  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:169 Resp: 586859  
Ion Ratio Lower Upper  
169 100  
168 62.8 49.8 74.6  
167 35.0 28.0 42.0





#67  
4-Bromophenyl-phenylether  
Concen: 41.491 ng  
RT: 10.969 min Scan# 1509  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

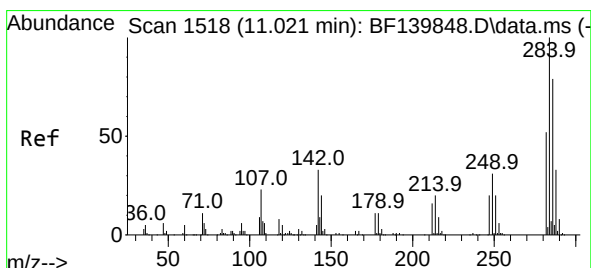
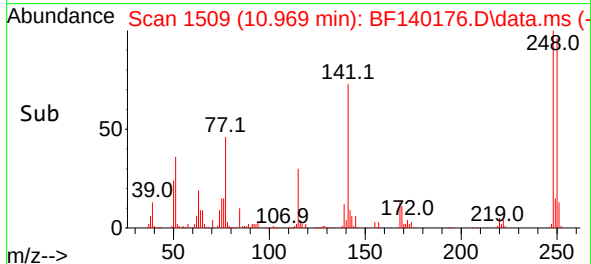
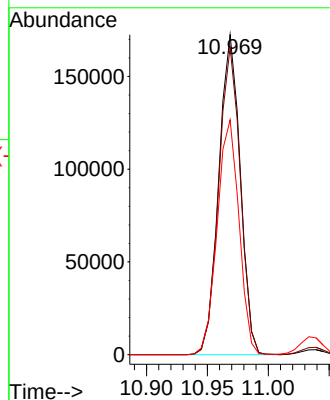
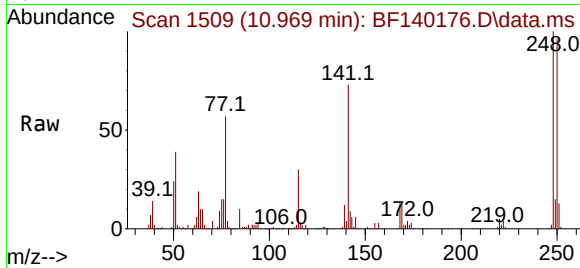
SSTDCCC040

Tgt Ion:248 Resp: 211629  
Ion Ratio Lower Upper  
248 100  
250 96.1 79.0 118.6  
141 73.4 61.7 92.5

Manual Integrations

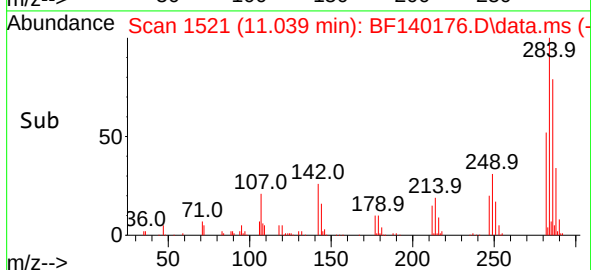
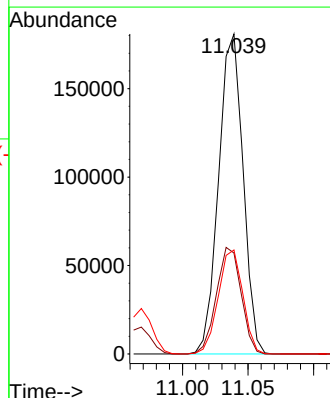
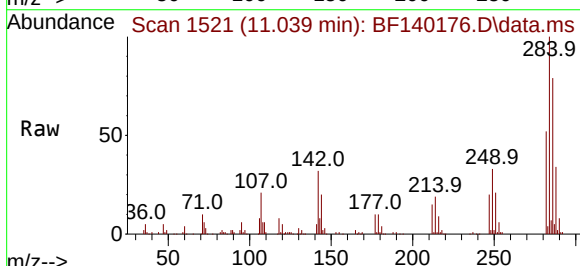
APPROVED

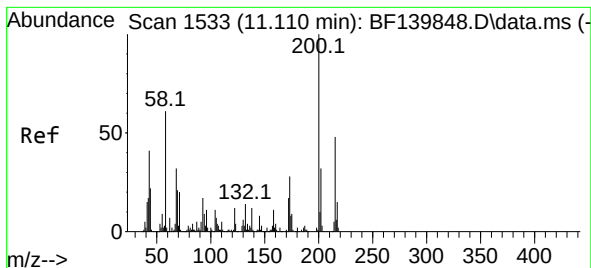
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#68  
Hexachlorobenzene  
Concen: 40.831 ng  
RT: 11.039 min Scan# 1521  
Delta R.T. 0.018 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:284 Resp: 234223  
Ion Ratio Lower Upper  
284 100  
142 31.5 26.9 40.3  
249 32.5 25.3 37.9





#69

Atrazine

Concen: 41.982 ng

RT: 11.127 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 16852

Ion Ratio Lower Upper

200 100

173 26.6 7.7 47.7

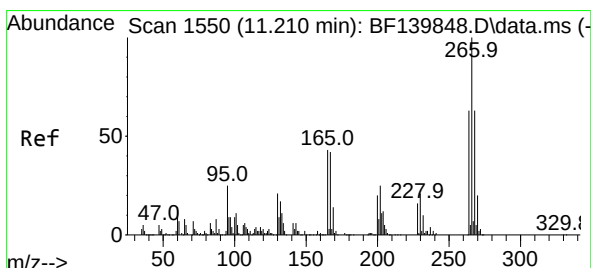
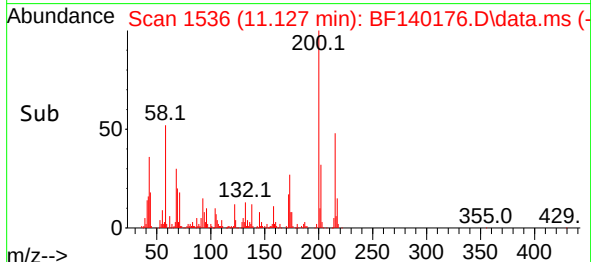
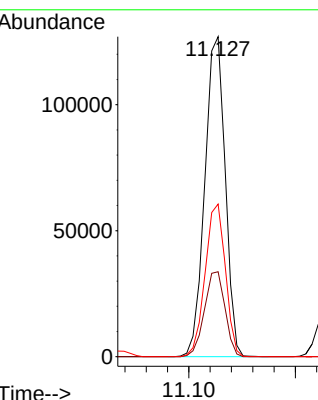
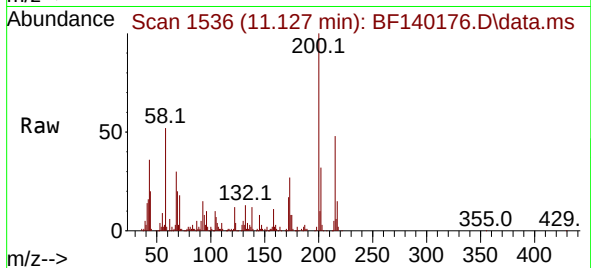
215 47.7 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 44.796 ng

RT: 11.233 min Scan# 1554

Delta R.T. 0.024 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

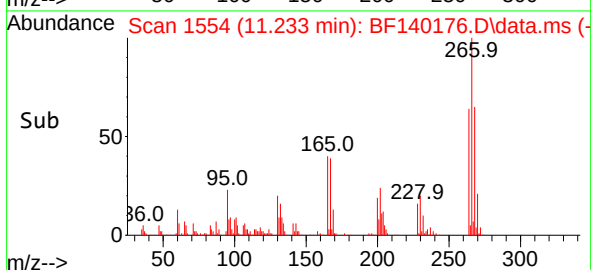
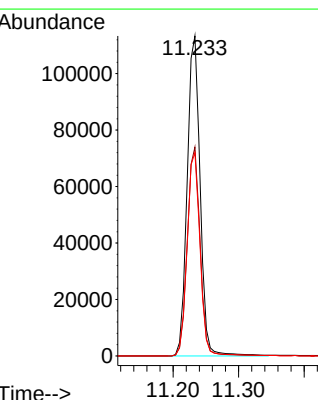
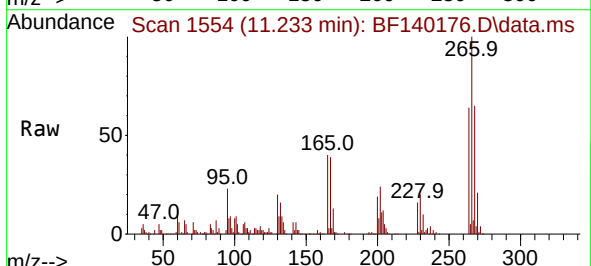
Tgt Ion:266 Resp: 155956

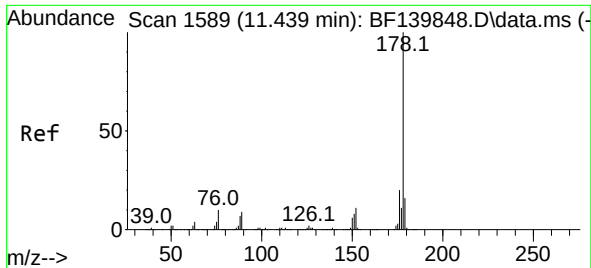
Ion Ratio Lower Upper

266 100

268 65.3 50.4 75.6

264 63.5 50.6 75.8





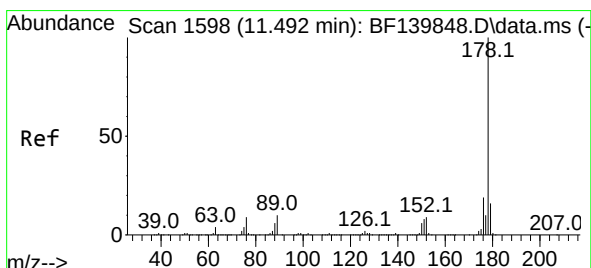
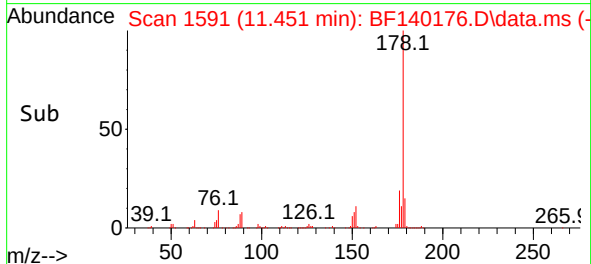
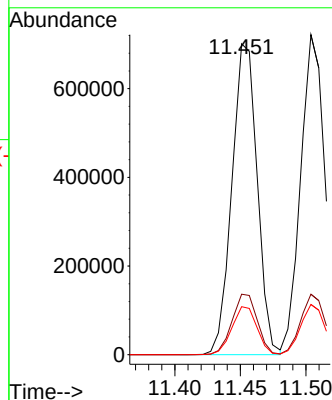
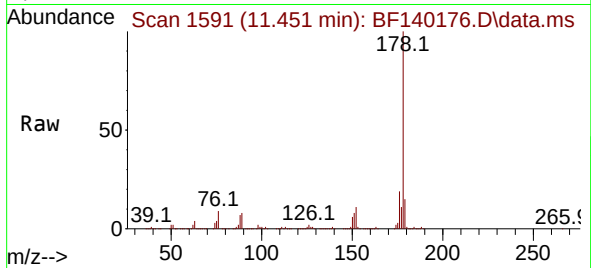
#71  
Phenanthrene  
Concen: 40.299 ng  
RT: 11.451 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 942468  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.8 23.6  
179 15.4 12.6 18.8

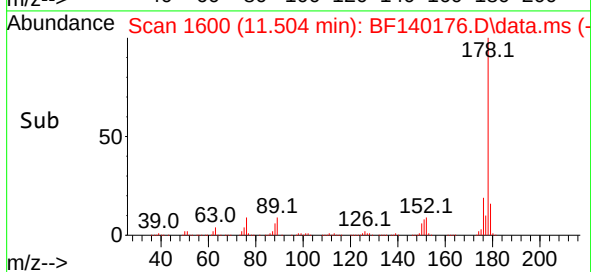
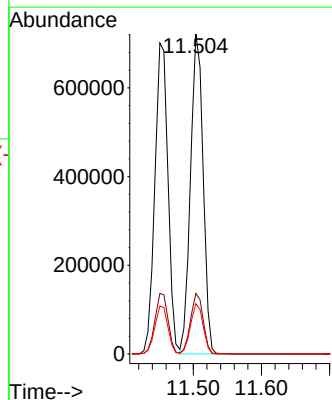
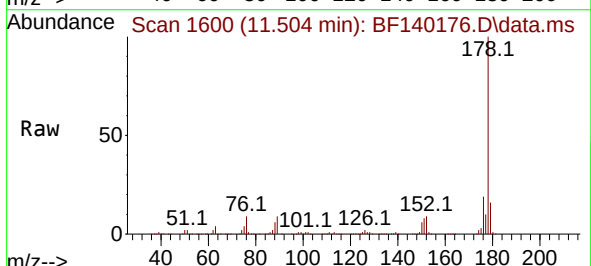
Manual Integrations  
APPROVED

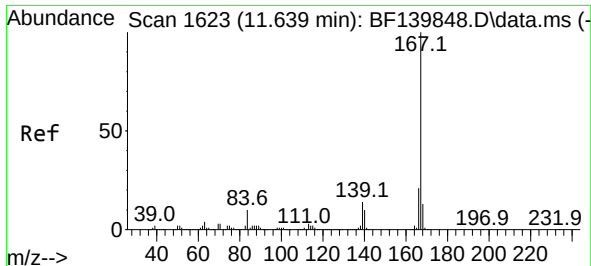
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#72  
Anthracene  
Concen: 40.320 ng  
RT: 11.504 min Scan# 1600  
Delta R.T. 0.012 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

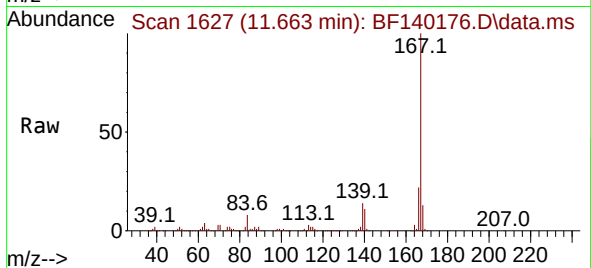
Tgt Ion:178 Resp: 920031  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.7 12.4 18.6





#73  
 Carbazole  
 Concen: 41.236 ng  
 RT: 11.663 min Scan# 1627  
 Delta R.T. 0.024 min  
 Lab File: BF140176.D  
 Acq: 31 Oct 2024 09:22

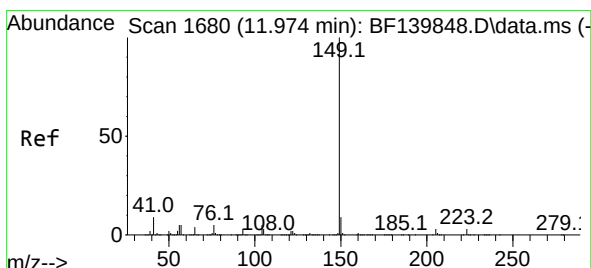
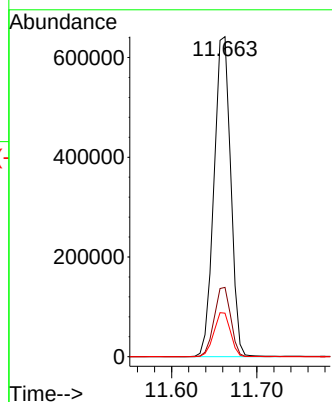
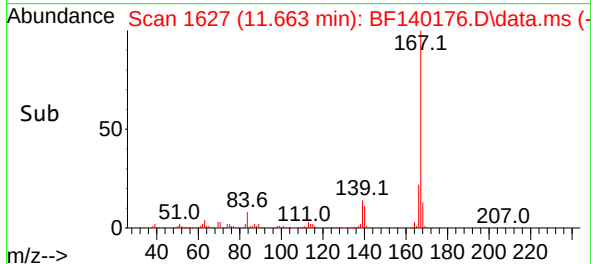
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



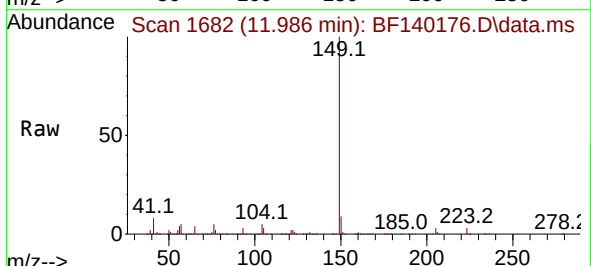
Tgt Ion:167 Resp: 87508  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.0 25.6  
 139 13.6 10.8 16.2

Manual Integrations  
 APPROVED

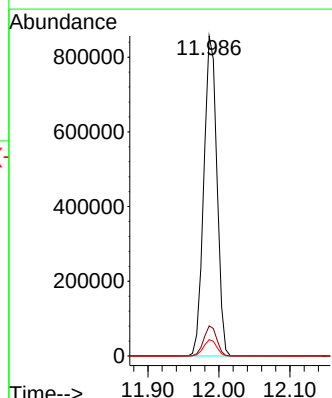
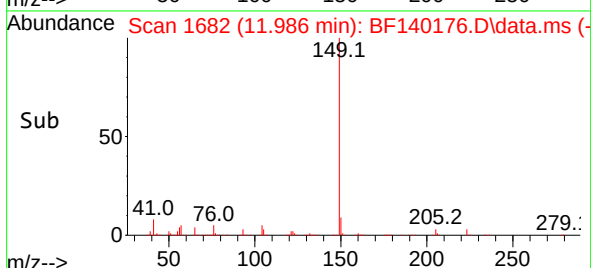
Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/04/2024



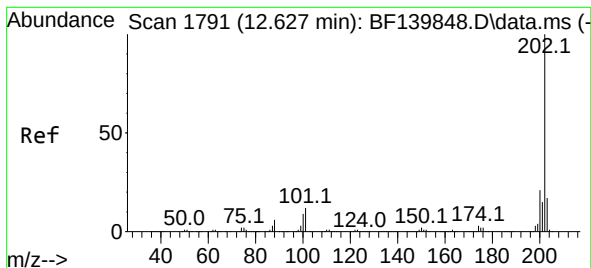
#74  
 Di-n-butylphthalate  
 Concen: 44.859 ng  
 RT: 11.986 min Scan# 1682  
 Delta R.T. 0.012 min  
 Lab File: BF140176.D  
 Acq: 31 Oct 2024 09:22



Tgt Ion:149 Resp: 1099858  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 5.1 4.1 6.1







#75

Fluoranthene

Concen: 43.381 ng

RT: 12.645 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 102563

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.9

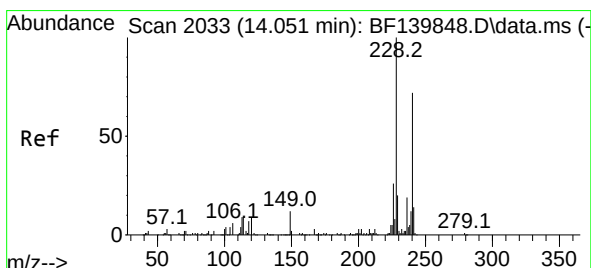
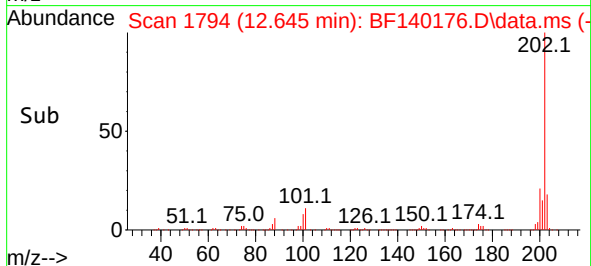
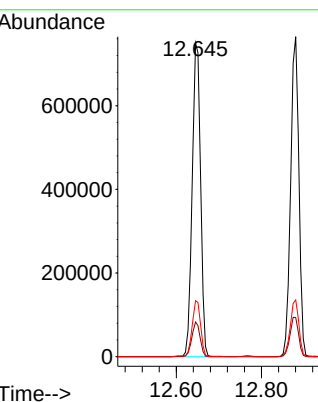
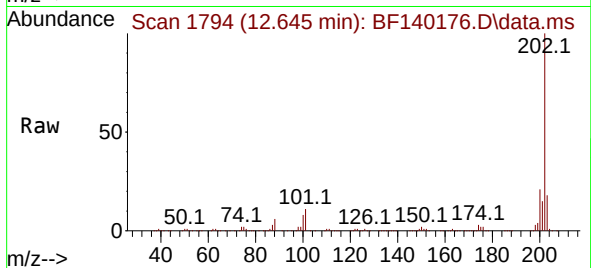
203 17.9 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.047 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

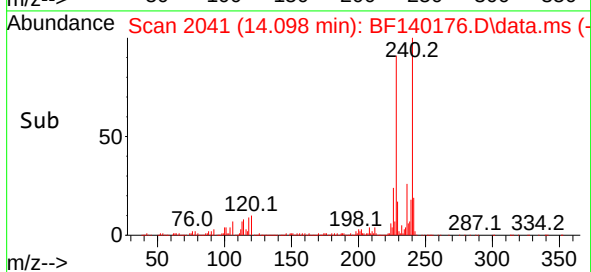
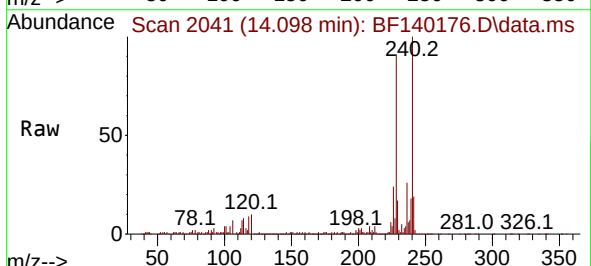
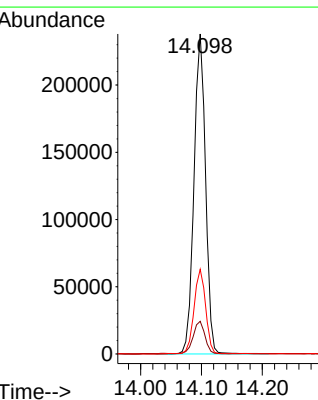
Tgt Ion:240 Resp: 315081

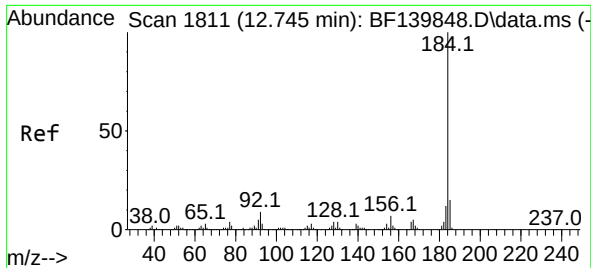
Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.2

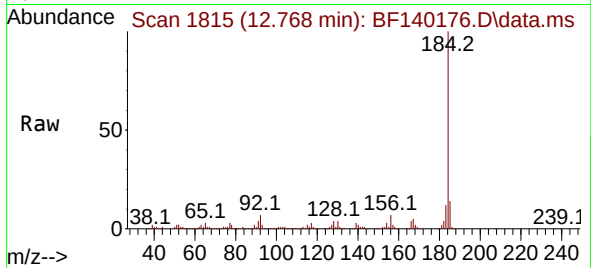
236 26.4 20.9 31.3





#77  
Benzidine  
Concen: 65.041 ng  
RT: 12.768 min Scan# 1815  
Delta R.T. 0.023 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

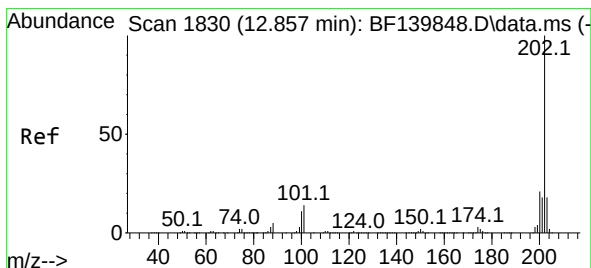
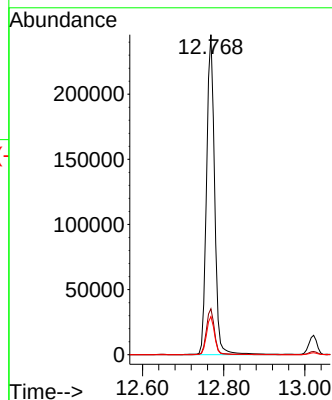
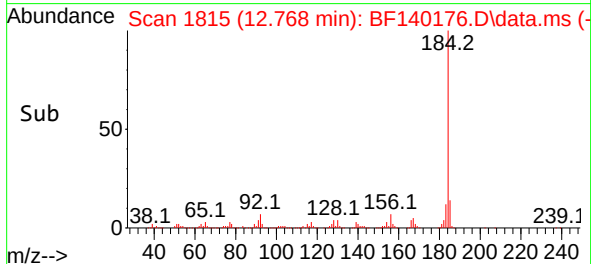
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



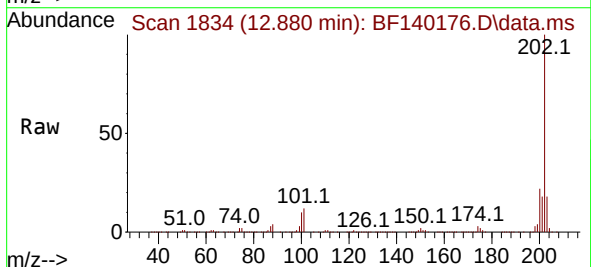
Tgt Ion:184 Resp: 336979  
Ion Ratio Lower Upper  
184 100  
185 14.4 12.0 18.0  
183 11.9 9.4 14.2

Manual Integrations  
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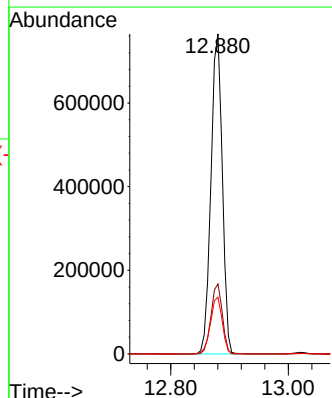
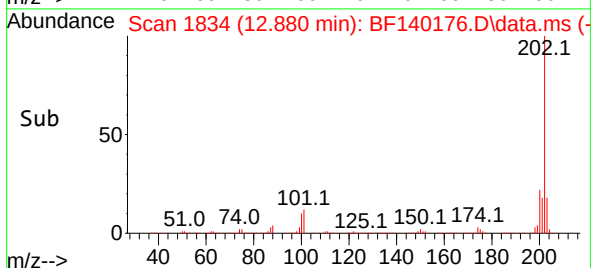
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

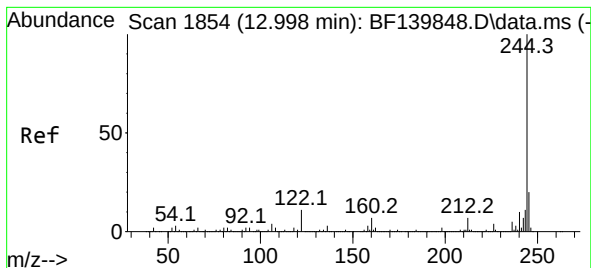


#78  
Pyrene  
Concen: 37.356 ng  
RT: 12.880 min Scan# 1834  
Delta R.T. 0.024 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:202 Resp: 1030281  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.2 25.8  
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 77.916 ng

RT: 13.021 min Scan# 1854

Delta R.T. 0.024 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 150659

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

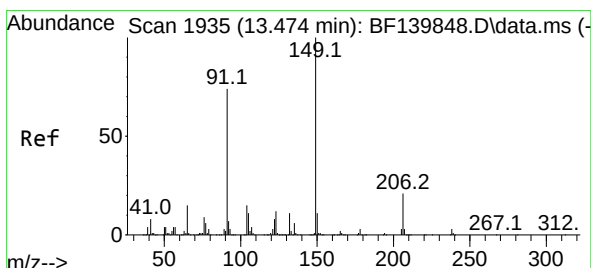
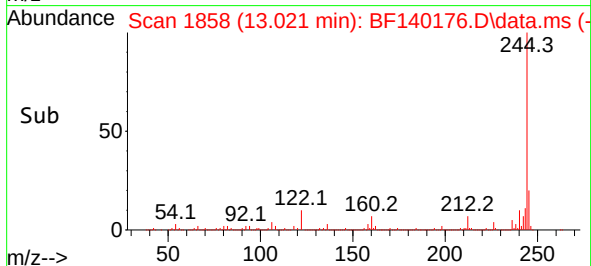
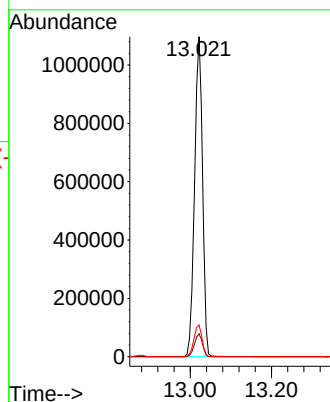
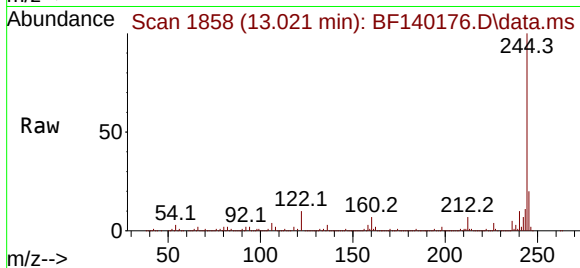
122 9.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 51.531 ng

RT: 13.498 min Scan# 1939

Delta R.T. 0.024 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

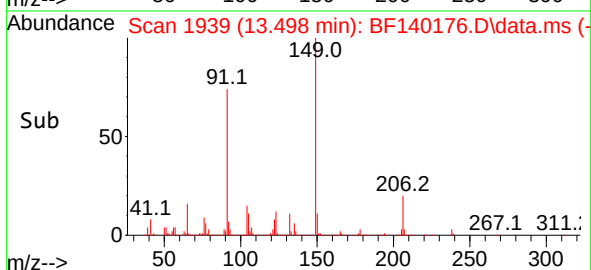
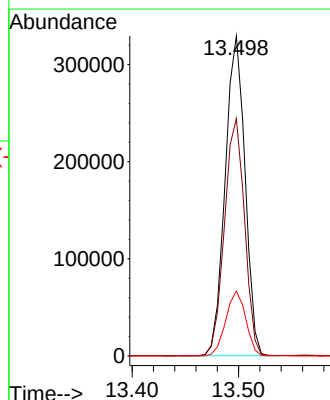
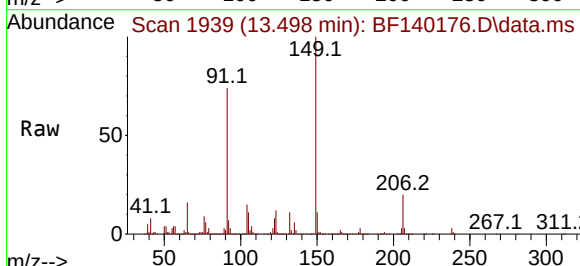
Tgt Ion:149 Resp: 426086

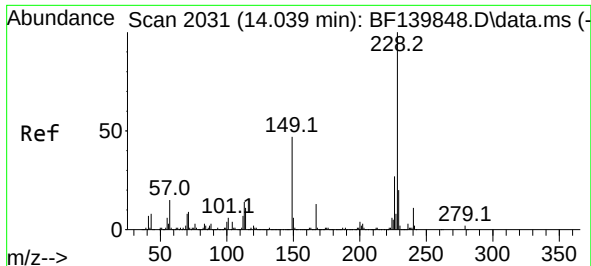
Ion Ratio Lower Upper

149 100

91 74.1 59.4 89.2

206 20.3 16.4 24.6





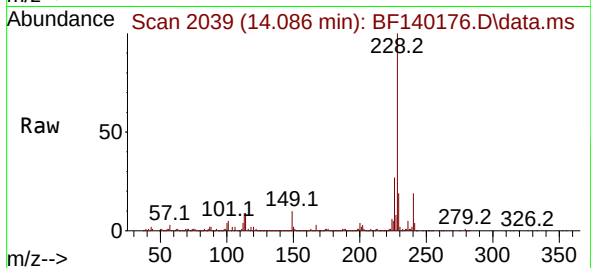
#81  
Benzo(a)anthracene  
Concen: 40.554 ng  
RT: 14.086 min Scan# 2031  
Delta R.T. 0.047 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

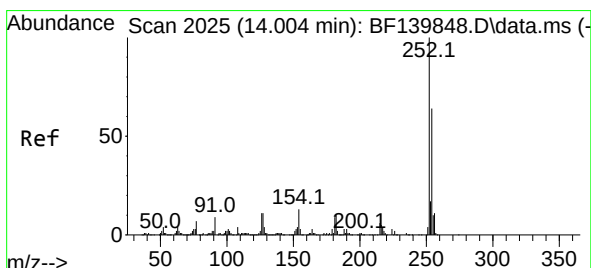
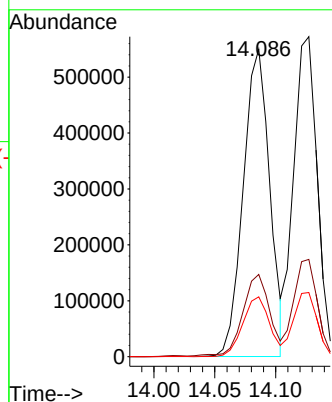
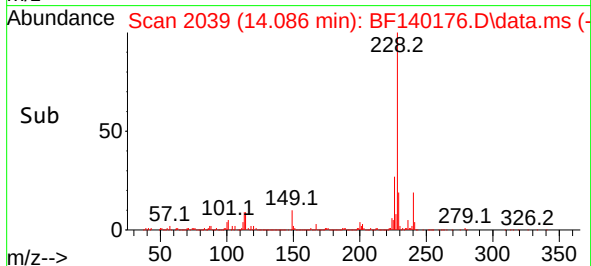


Tgt Ion:228 Resp: 831795  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.6 32.4  
229 19.5 16.1 24.1

Manual Integrations

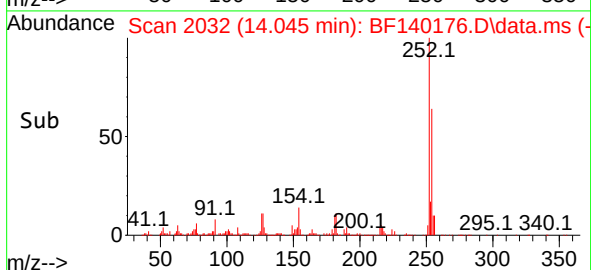
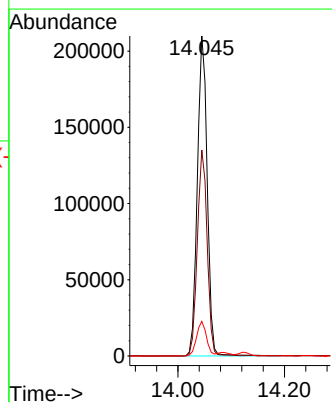
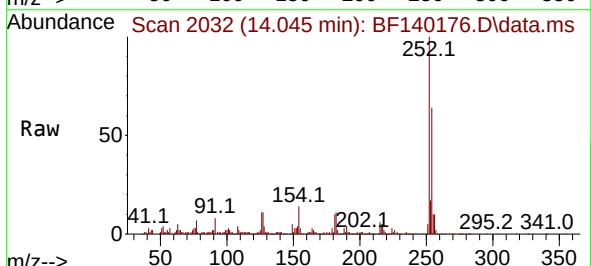
APPROVED

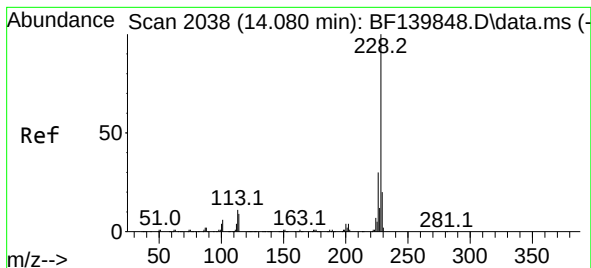
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 45.317 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. 0.041 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:252 Resp: 271007  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.8 76.2  
126 10.8 8.9 13.3





#83

Chrysene

Concen: 41.062 ng

RT: 14.127 min Scan# 2046

Delta R.T. 0.047 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

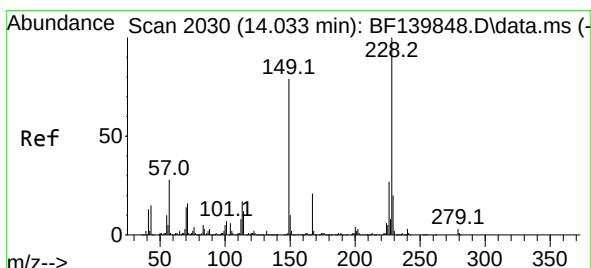
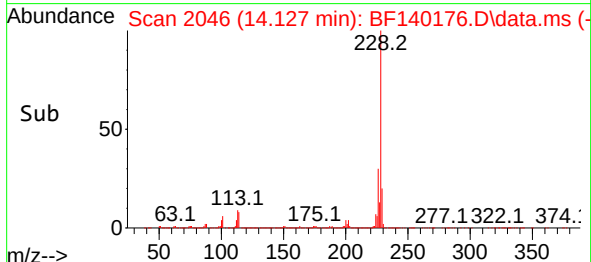
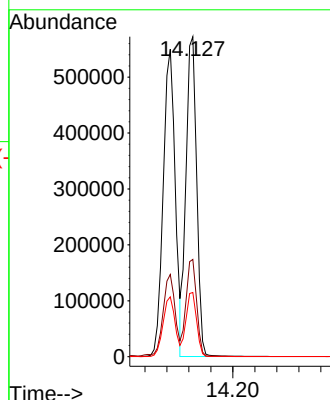
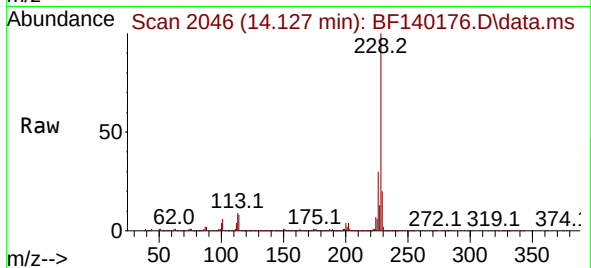
Tgt Ion:228 Resp: 772207  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 24.1 36.1  
 229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.153 ng

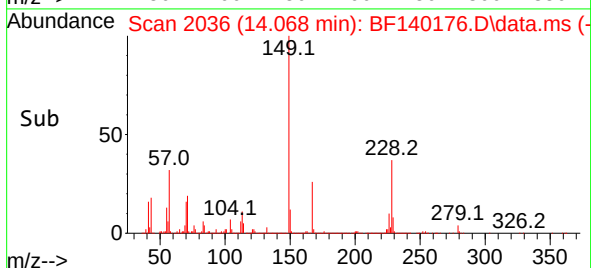
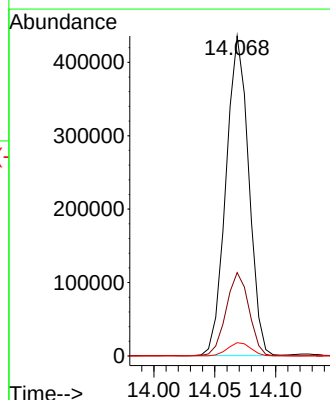
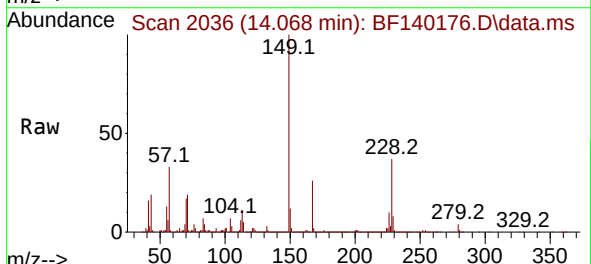
RT: 14.068 min Scan# 2036

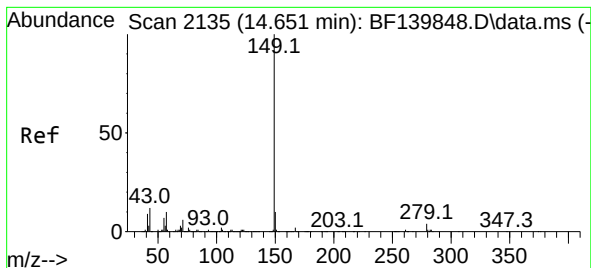
Delta R.T. 0.035 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Tgt Ion:149 Resp: 567311  
 Ion Ratio Lower Upper  
 149 100  
 167 26.0 21.4 32.0  
 279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 51.851 ng

RT: 14.715 min Scan# 2135

Delta R.T. 0.064 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 874904

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

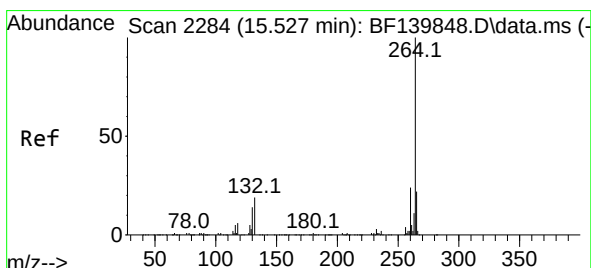
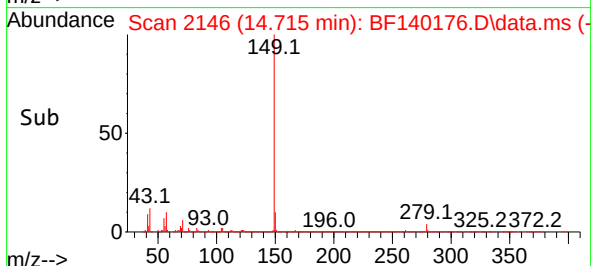
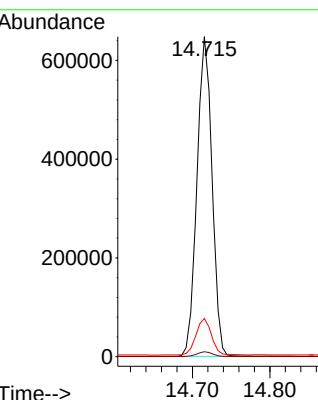
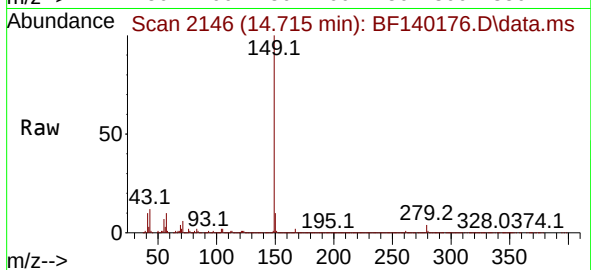
43 11.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2301

Delta R.T. 0.100 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

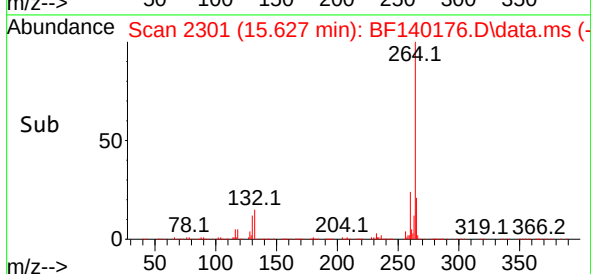
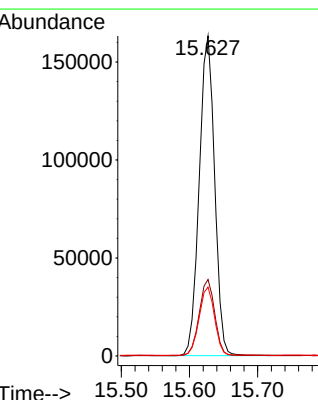
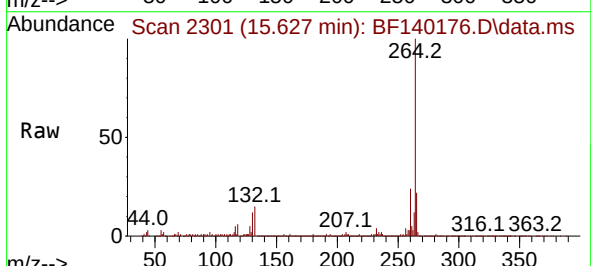
Tgt Ion:264 Resp: 256770

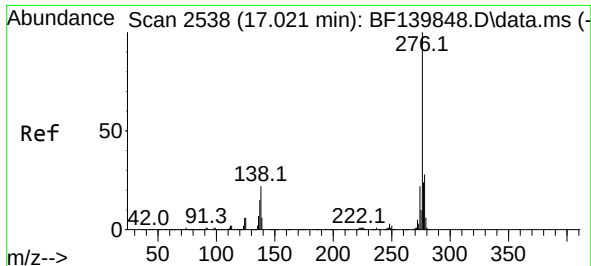
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.5 17.4 26.0





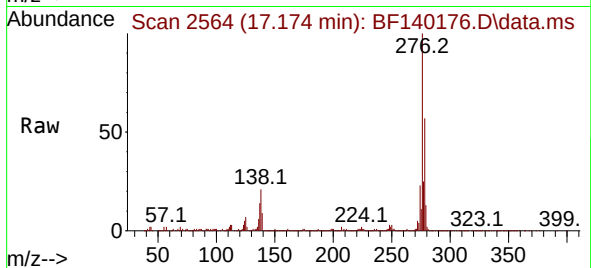
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.565 ng  
RT: 17.174 min Scan# 21  
Delta R.T. 0.153 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

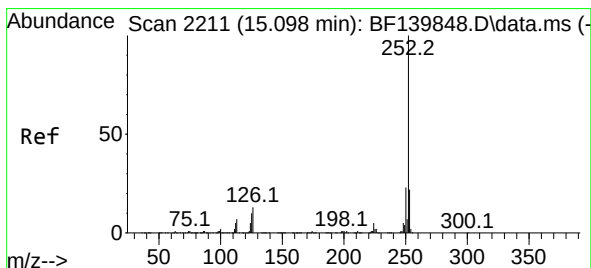
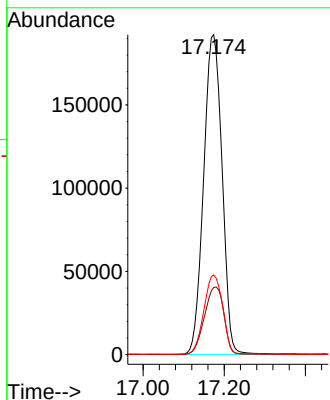
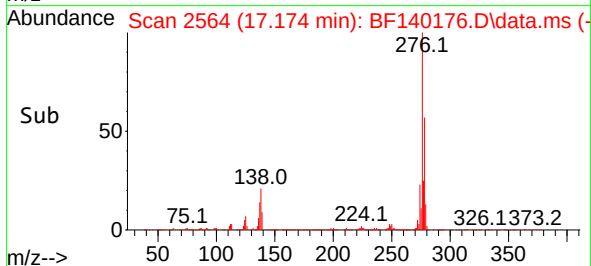


Tgt Ion:276 Resp: 604008  
Ion Ratio Lower Upper  
276 100  
138 22.1 20.4 30.6  
277 25.4 20.2 30.4

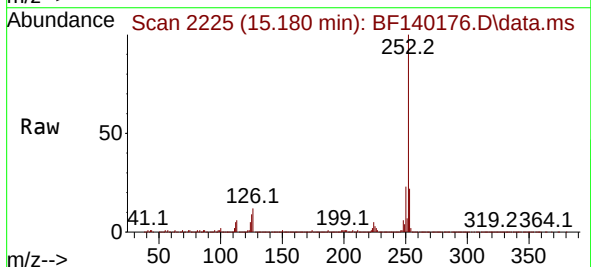
Manual Integrations

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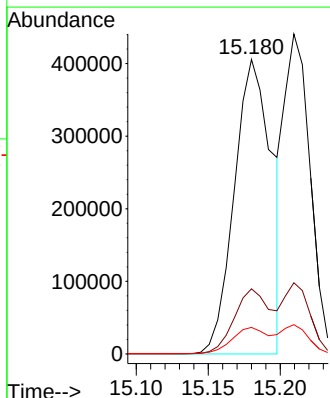
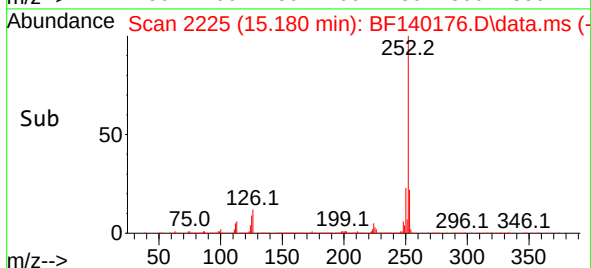
Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024

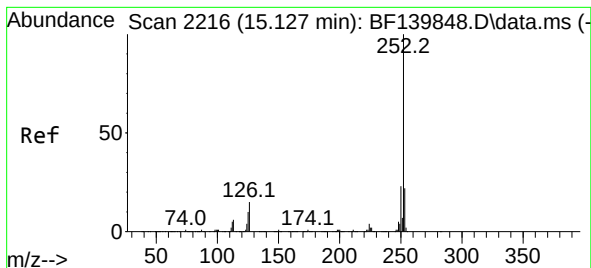


#88  
Benzo(b)fluoranthene  
Concen: 47.001 ng m  
RT: 15.180 min Scan# 2225  
Delta R.T. 0.082 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22



Tgt Ion:252 Resp: 735155  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 9.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 41.091 ng

RT: 15.209 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 55429

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

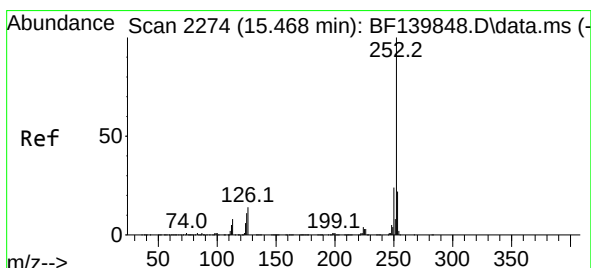
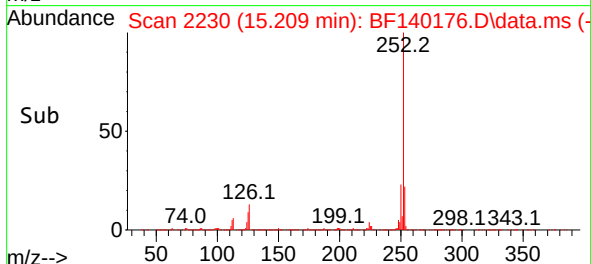
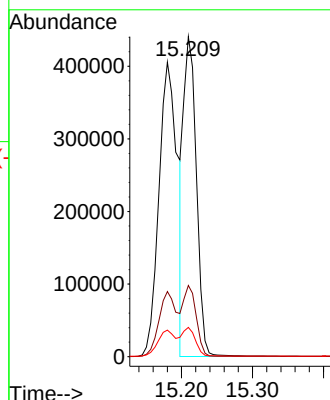
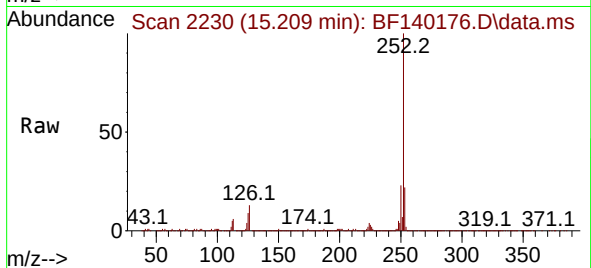
125 9.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 41.571 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.094 min

Lab File: BF140176.D

Acq: 31 Oct 2024 09:22

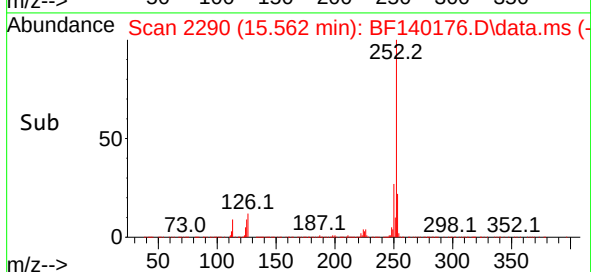
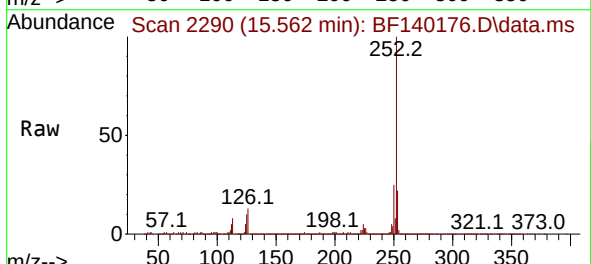
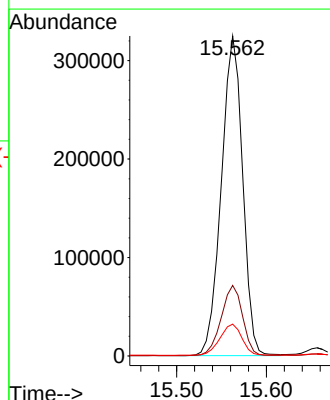
Tgt Ion:252 Resp: 535027

Ion Ratio Lower Upper

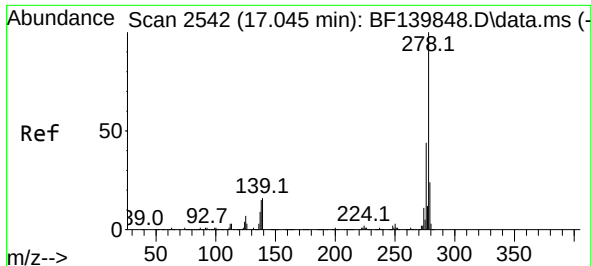
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253 22.1 17.3 25.9

125 10.0 8.7 13.1

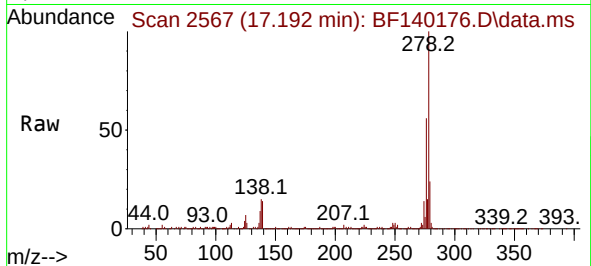






#91  
Dibenzo(a,h)anthracene  
Concen: 36.399 ng  
RT: 17.192 min Scan# 21  
Delta R.T. 0.147 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

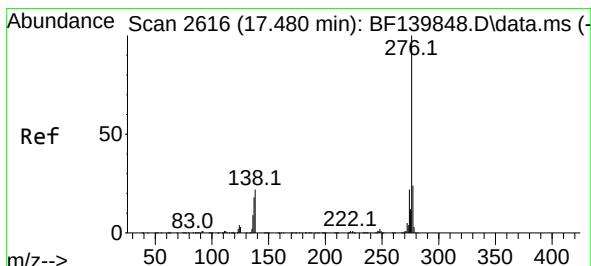
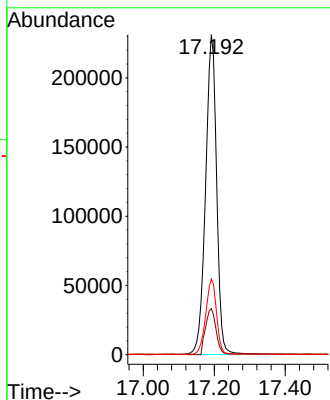
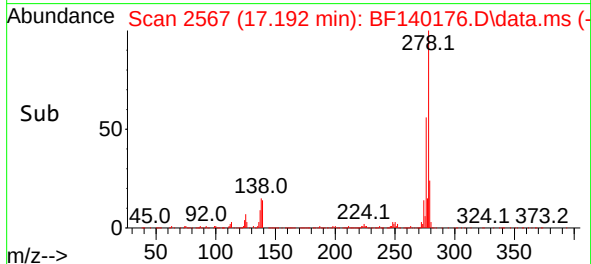
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:278 Resp: 50158  
Ion Ratio Lower Upper  
278 100  
139 14.4 13.1 19.7  
279 23.7 19.0 28.4

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/04/2024



#92  
Benzo(g,h,i)perylene  
Concen: 36.240 ng  
RT: 17.645 min Scan# 2644  
Delta R.T. 0.165 min  
Lab File: BF140176.D  
Acq: 31 Oct 2024 09:22

Tgt Ion:276 Resp: 498837  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.0 28.6  
138 19.6 17.4 26.0

