

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060523\  
 Data File : BF133564.D  
 Acq On : 05 Jun 2023 12:53  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/06/2023  
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 05 17:50:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 17:49:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 133955   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 489545   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.874  | 164  | 244121   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 471183   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 247744   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.456 | 264  | 307678   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 638588   | 79.539 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 762766   | 77.177 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 707592   | 96.508 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 228767   | 94.010 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1298909  | 82.123 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.945 | 244  | 1256072  | 90.145 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.534  | 88   | 142845   | 39.395 | ng    | 100      |
| 3) Pyridine                   | 3.275  | 79   | 396157   | 38.966 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.228  | 42   | 204742   | 36.926 | ng    | 95       |
| 6) Aniline                    | 6.498  | 93   | 511102   | 38.087 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.616  | 128  | 321810   | 40.679 | ng    | 95       |
| 9) Benzaldehyde               | 6.381  | 77   | 183711   | 36.748 | ng    | 99       |
| 10) Phenol                    | 6.469  | 94   | 392631   | 39.601 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 314226   | 38.332 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 346874   | 39.495 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 348267   | 39.553 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 322315   | 39.668 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 294532   | 39.253 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 567400   | 36.495 | ng    | 98       |
| 17) 2-Methylphenol            | 7.081  | 107  | 289414   | 38.632 | ng    | 99       |
| 18) Hexachloroethane          | 7.345  | 117  | 125055   | 41.073 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 238082   | 37.231 | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 355273   | 41.946 | ng    | # 88     |
| 22) Acetophenone              | 7.245  | 105  | 432965   | 38.405 | ng    | # 91     |
| 24) Nitrobenzene              | 7.416  | 77   | 363003   | 46.466 | ng    | 100      |
| 25) Isophorone                | 7.657  | 82   | 659333   | 38.585 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.733  | 139  | 164432   | 46.137 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 286605   | 39.420 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 385668   | 38.923 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 271708   | 41.538 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 281373   | 39.768 | ng    | 98       |
| 31) Naphthalene               | 8.139  | 128  | 944452   | 39.794 | ng    | 99       |
| 32) Benzoic acid              | 7.863  | 122  | 175694m  | 38.418 | ng    |          |
| 33) 4-Chloroaniline           | 8.186  | 127  | 407959   | 40.105 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.257  | 225  | 176311   | 40.966 | ng    | 99       |
| 35) Caprolactam               | 8.557  | 113  | 94664    | 44.127 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.663  | 107  | 302442   | 41.276 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 650290   | 40.130 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 613538   | 40.617 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 290496   | 40.149 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.980  | 237  | 133691   | 36.056 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.104  | 196  | 195711   | 42.272 | ng    | 100      |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 05 17:50:20 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

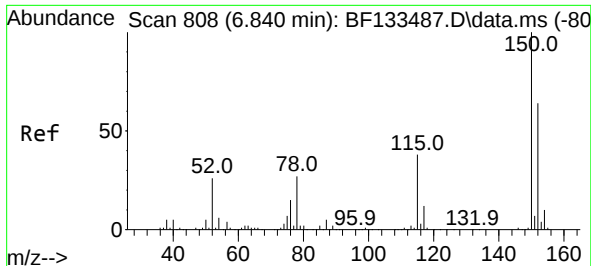
QLast Update : Mon Jun 05 17:49:53 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 227380   | 42.312 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 780324   | 39.343 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.316  | 162  | 569411   | 39.613 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.410  | 65   | 201137   | 43.950 | ng    | 96       |
| 49) Acenaphthylene            | 9.733  | 152  | 973775   | 39.697 | ng    | 99       |
| 50) Dimethylphthalate         | 9.598  | 163  | 703554   | 41.005 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.657  | 165  | 153573   | 47.147 | ng    | 88       |
| 52) Acenaphthene              | 9.904  | 154  | 592444   | 39.871 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.827  | 138  | 181887   | 44.708 | ng    | # 89     |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 49843    | 40.064 | ng    | 89       |
| 55) Dibenzofuran              | 10.080 | 168  | 877303   | 39.685 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 134200   | 45.716 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 194630   | 48.063 | ng    | 89       |
| 58) Fluorene                  | 10.422 | 166  | 639757   | 39.499 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 179855   | 44.439 | ng    | 98       |
| 60) Diethylphthalate          | 10.298 | 149  | 730500   | 41.013 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 315645   | 40.587 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 173742   | 42.522 | ng    | 96       |
| 63) Azobenzene                | 10.574 | 77   | 696641   | 39.073 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 80180    | 42.772 | ng    | 81       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 612033   | 40.010 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 207246   | 41.416 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 212157   | 40.544 | ng    | 96       |
| 69) Atrazine                  | 11.057 | 200  | 175464   | 41.805 | ng    | 98       |
| 70) Pentachlorophenol         | 11.157 | 266  | 133626   | 42.707 | ng    | 98       |
| 71) Phenanthrene              | 11.386 | 178  | 928466   | 38.905 | ng    | 99       |
| 72) Anthracene                | 11.433 | 178  | 955600   | 38.906 | ng    | 100      |
| 73) Carbazole                 | 11.592 | 167  | 895746   | 38.563 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 1127207  | 41.039 | ng    | 100      |
| 75) Fluoranthene              | 12.574 | 202  | 920135   | 34.905 | ng    | 97       |
| 77) Benzidine                 | 12.692 | 184  | 207440m  | 28.629 | ng    |          |
| 78) Pyrene                    | 12.804 | 202  | 911953   | 43.258 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 382663   | 45.876 | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 661983   | 40.111 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.957 | 252  | 219885   | 42.620 | ng    | # 97     |
| 83) Chrysene                  | 14.027 | 228  | 676067   | 40.578 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 473787   | 45.441 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.604 | 149  | 778332   | 44.813 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.909 | 276  | 738743   | 37.694 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 752844   | 37.576 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 681128   | 34.866 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 709524   | 38.919 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.927 | 278  | 629306   | 39.604 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.345 | 276  | 560172   | 34.962 | ng    | 99       |

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





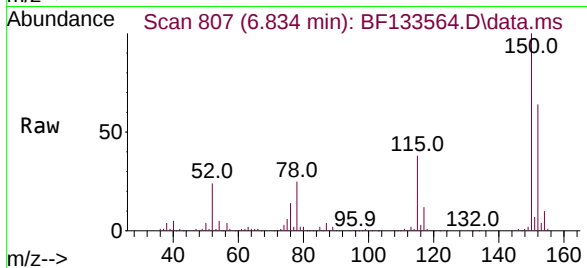
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

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SSTDCCC040

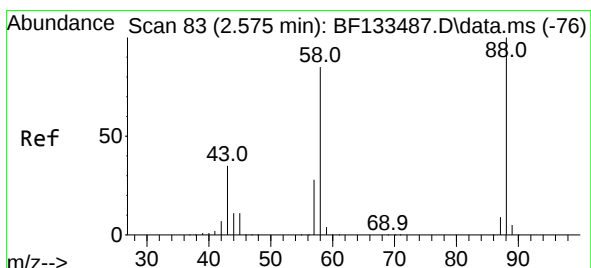
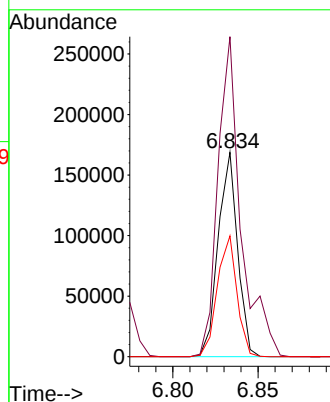
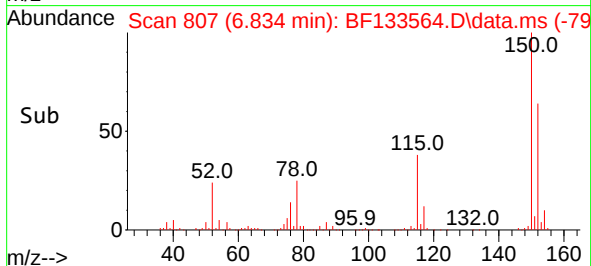


Tgt Ion:152 Resp: 13395  
Ion Ratio Lower Upper  
152 100  
150 156.6 124.9 187.3  
115 59.1 48.1 72.1

Manual Integrations

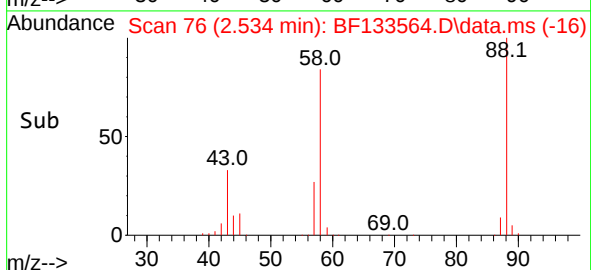
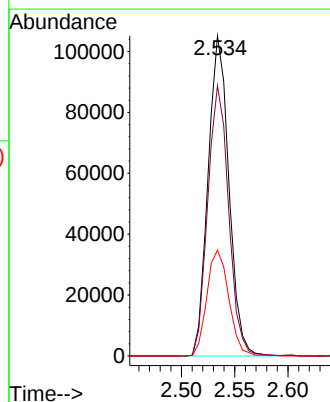
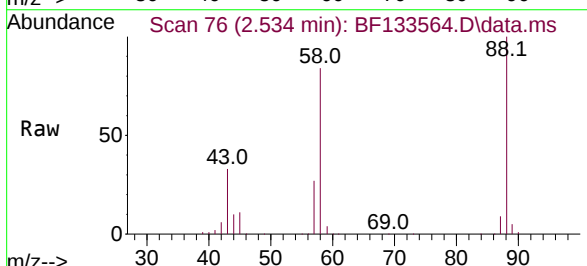
APPROVED

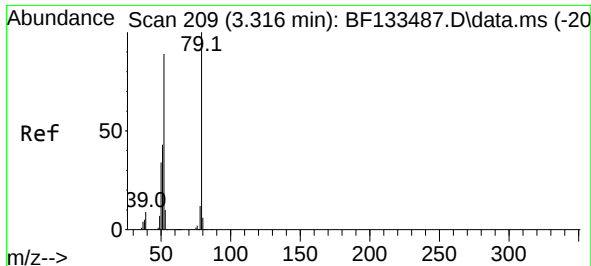
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#2  
1,4-Dioxane  
Concen: 39.395 ng  
RT: 2.534 min Scan# 76  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

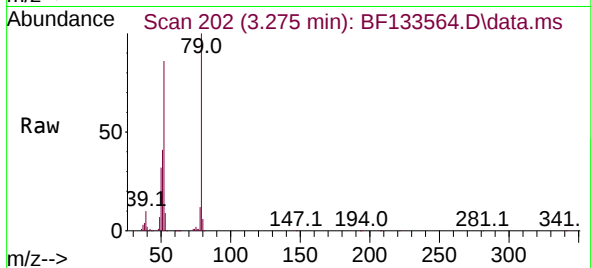
Tgt Ion: 88 Resp: 142845  
Ion Ratio Lower Upper  
88 100  
58 84.8 67.7 101.5  
43 34.9 28.2 42.4





#3  
Pyridine  
Concen: 38.966 ng  
RT: 3.275 min Scan# 209  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

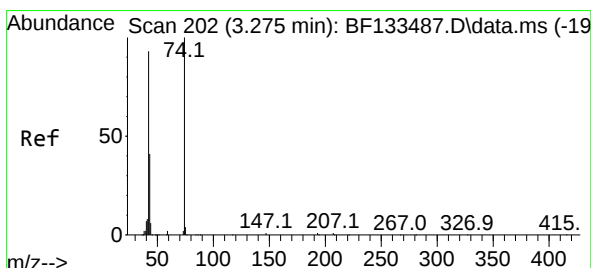
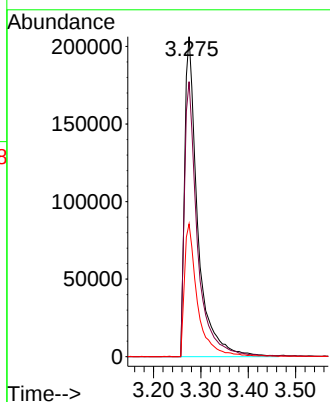
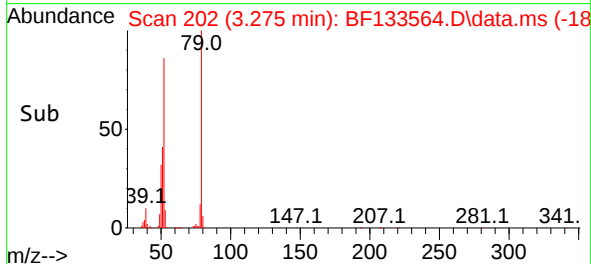
Instrument :  
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ClientSampleId :  
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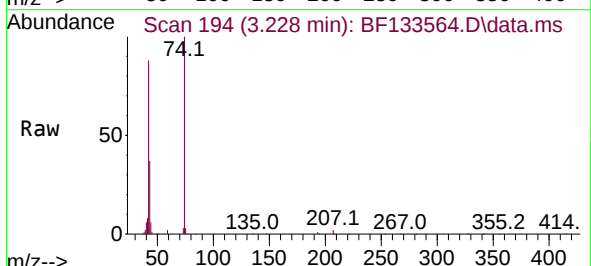
Tgt Ion: 79 Resp: 39615  
Ion Ratio Lower Upper  
79 100  
52 85.9 71.3 106.9  
51 41.5 34.4 51.6

Manual Integrations  
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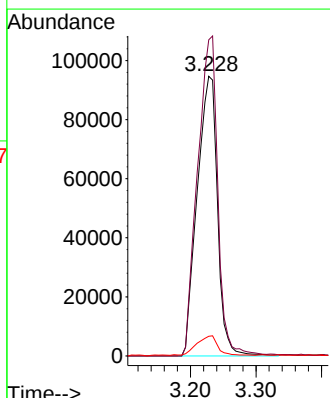
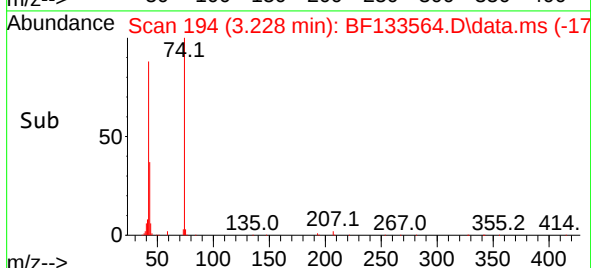
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#4  
n-Nitrosodimethylamine  
Concen: 36.926 ng  
RT: 3.228 min Scan# 194  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



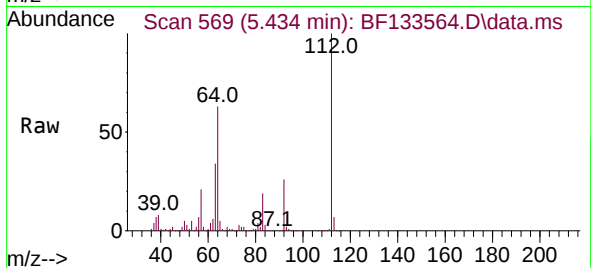
Tgt Ion: 42 Resp: 204742  
Ion Ratio Lower Upper  
42 100  
74 113.0 85.7 128.5  
44 7.1 5.6 8.4





#5  
2-Fluorophenol  
Concen: 79.539 ng  
RT: 5.434 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

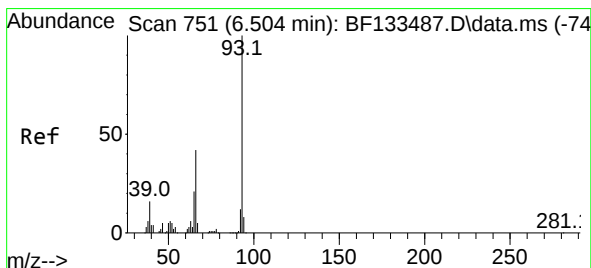
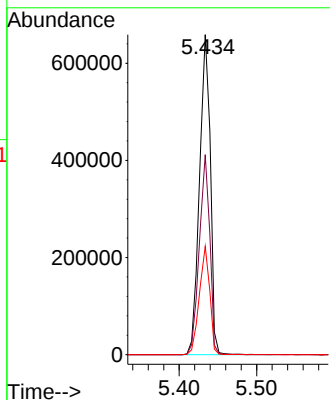
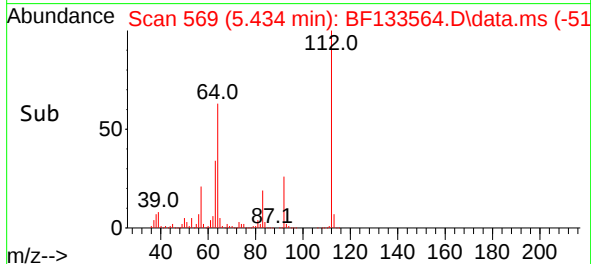
Instrument :  
BNA\_F  
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Tgt Ion: 112 Resp: 638588  
Ion Ratio Lower Upper  
112 100  
64 62.5 50.1 75.1  
63 33.9 27.5 41.3

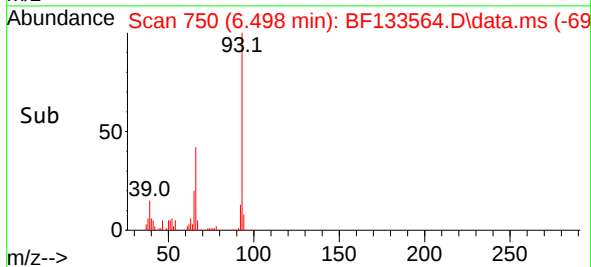
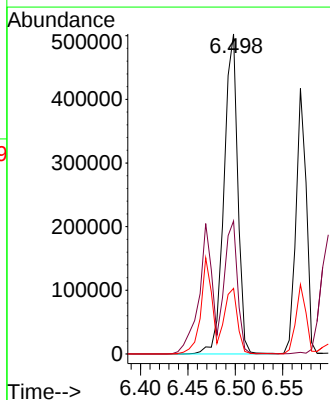
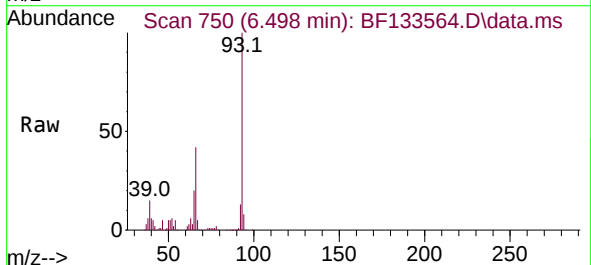
Manual Integrations  
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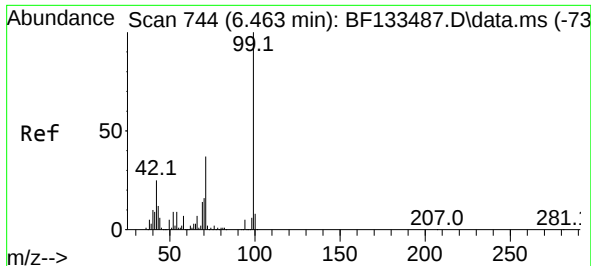
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#6  
Aniline  
Concen: 38.087 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

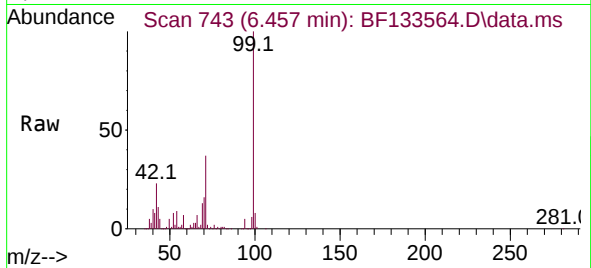
Tgt Ion: 93 Resp: 511102  
Ion Ratio Lower Upper  
93 100  
66 41.6 33.9 50.9  
65 20.5 17.2 25.8





#7  
Phenol-d6  
Concen: 77.177 ng  
RT: 6.457 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

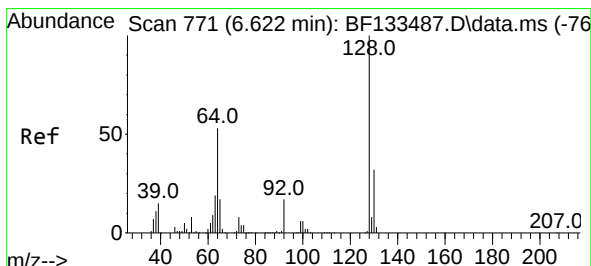
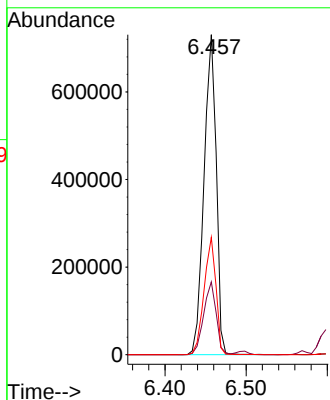
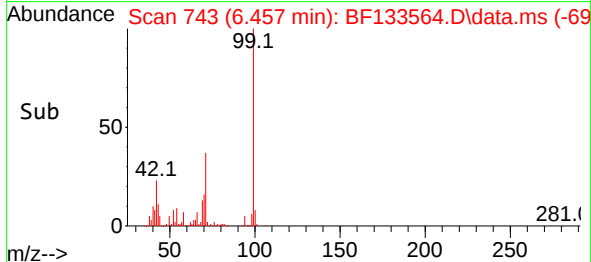
Instrument :  
BNA\_F  
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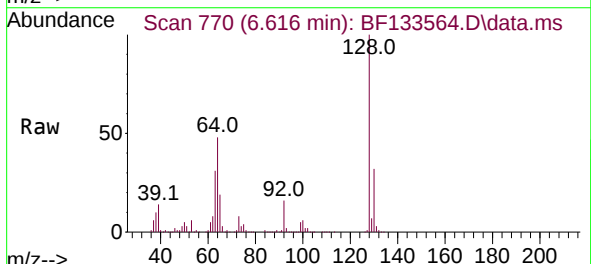
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

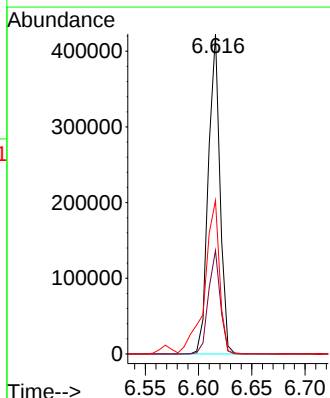
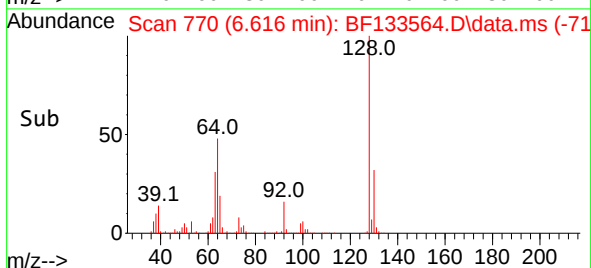
Reviewed By :Yogesh Patel 06/06/2023  
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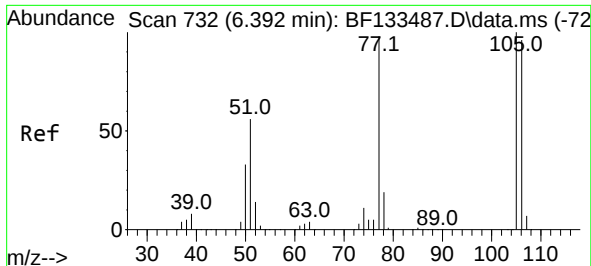


#8  
2-Chlorophenol  
Concen: 40.679 ng  
RT: 6.616 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:128 Resp: 321810  
Ion Ratio Lower Upper  
128 100  
130 32.3 12.4 52.4  
64 47.9 33.3 73.3





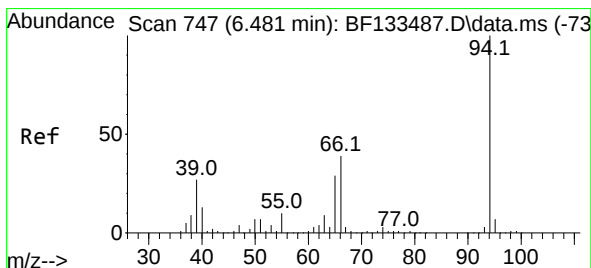
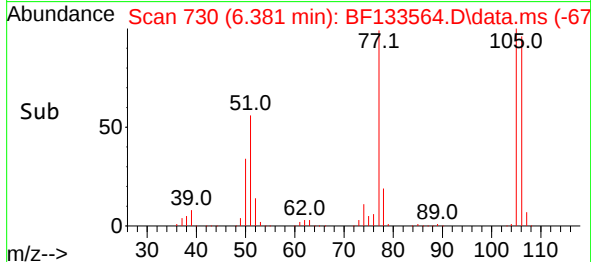
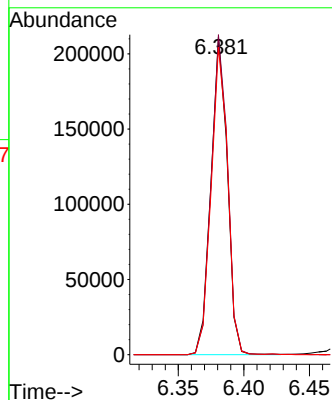
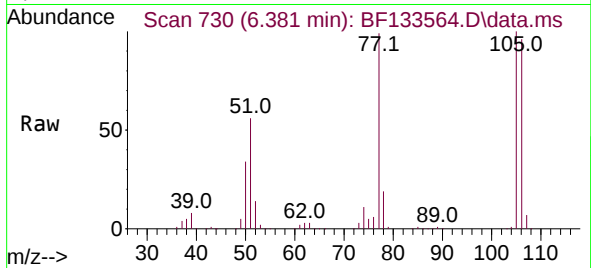
#9  
Benzaldehyde  
Concen: 36.748 ng  
RT: 6.381 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 18371  
Ion Ratio Lower Upper  
77 100  
105 100.7 81.9 121.9  
106 96.8 77.8 117.8

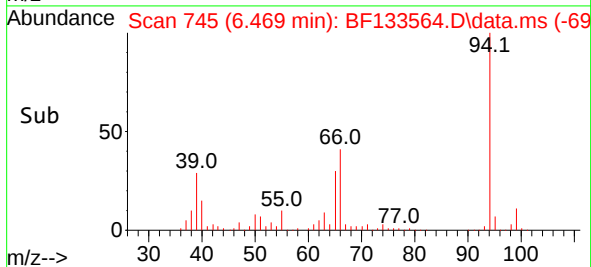
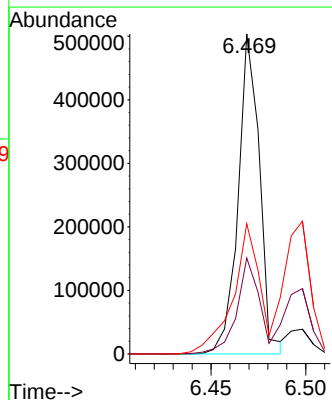
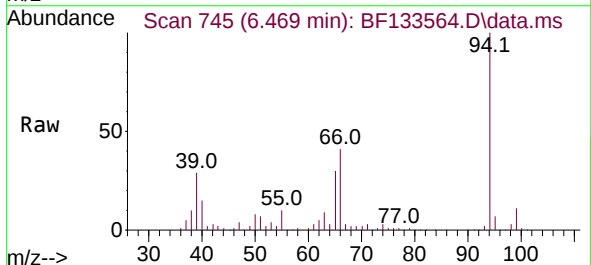
Manual Integrations  
APPROVED

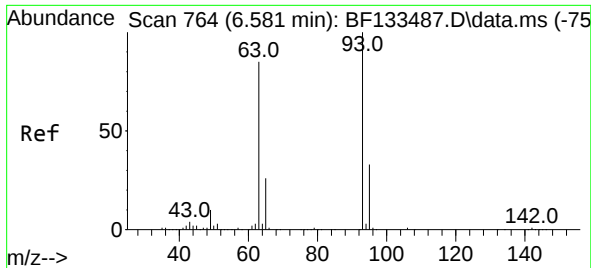
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#10  
Phenol  
Concen: 39.601 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion: 94 Resp: 392631  
Ion Ratio Lower Upper  
94 100  
65 30.0 9.1 49.1  
66 40.7 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 38.332 ng

RT: 6.569 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 314220

Ion Ratio Lower Upper

93 100

63 86.8 64.5 104.5

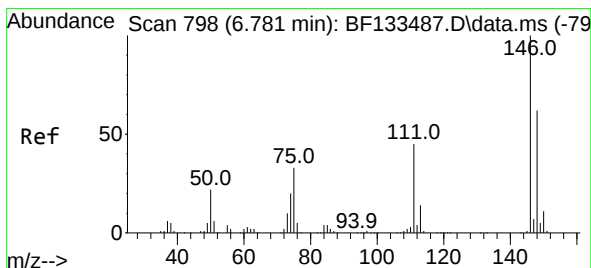
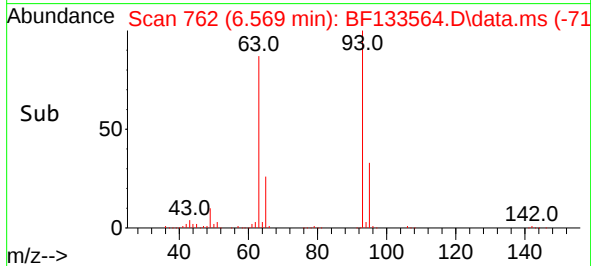
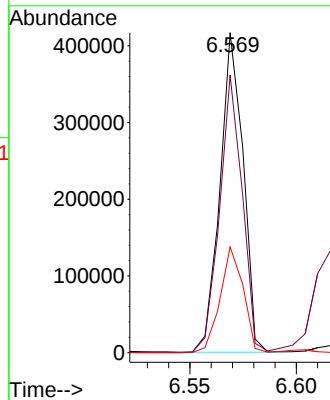
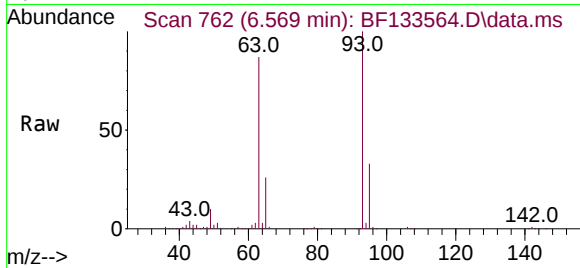
95 33.0 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#12

1,3-Dichlorobenzene

Concen: 39.495 ng

RT: 6.775 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

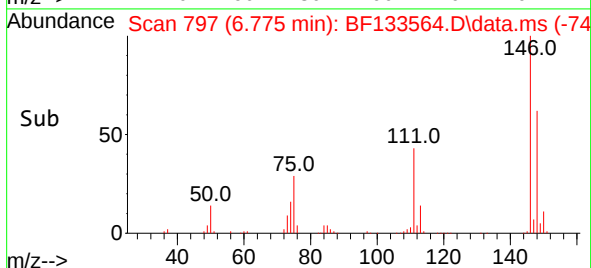
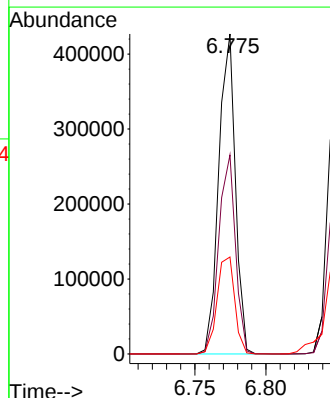
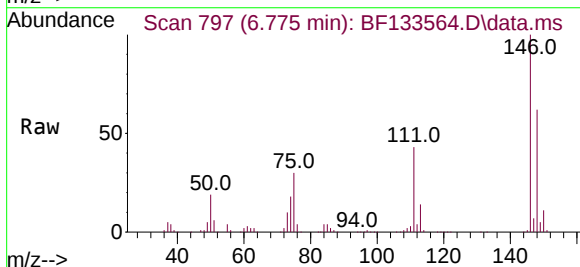
Tgt Ion:146 Resp: 346874

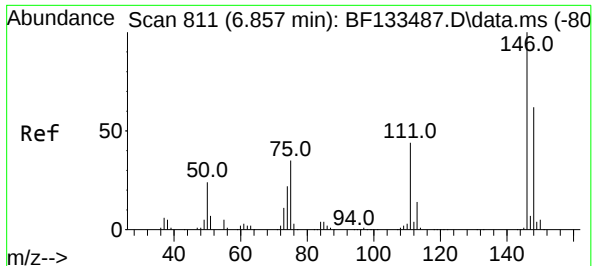
Ion Ratio Lower Upper

146 100

148 62.2 49.9 74.9

75 30.3 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 39.553 ng

RT: 6.851 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 34826

Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.6

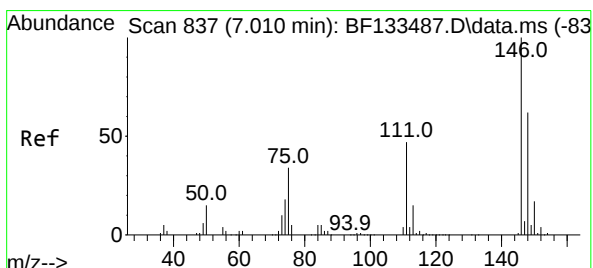
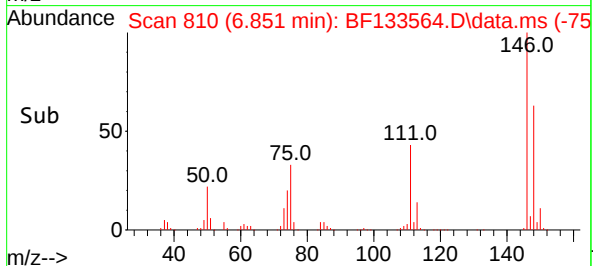
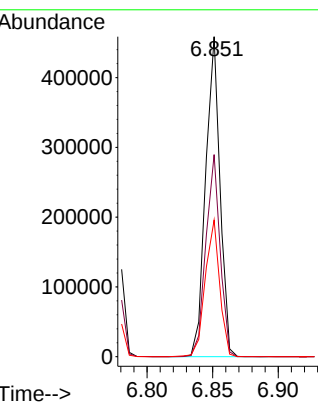
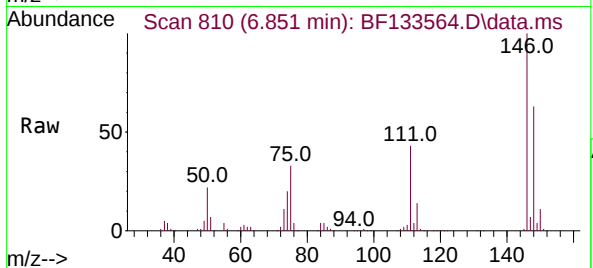
111 42.7 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#14

1,2-Dichlorobenzene

Concen: 39.668 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

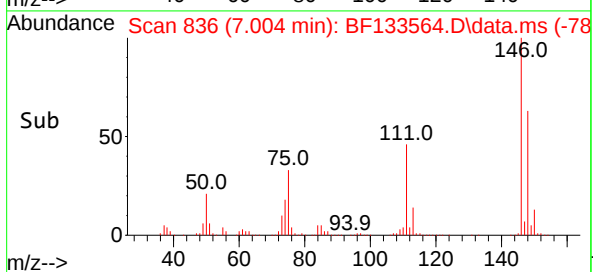
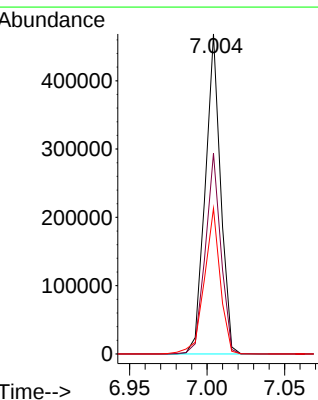
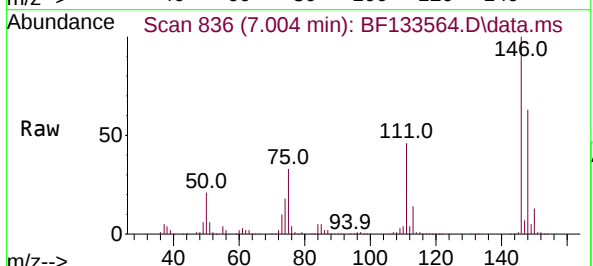
Tgt Ion:146 Resp: 322315

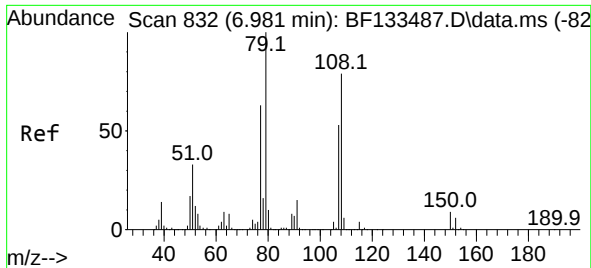
Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

111 45.5 37.4 56.2





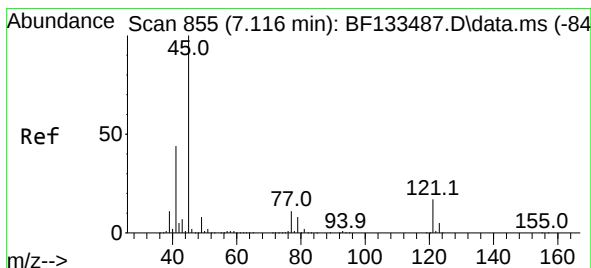
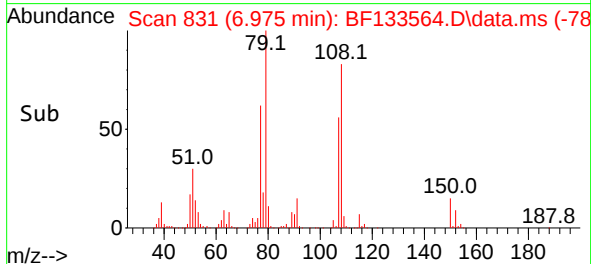
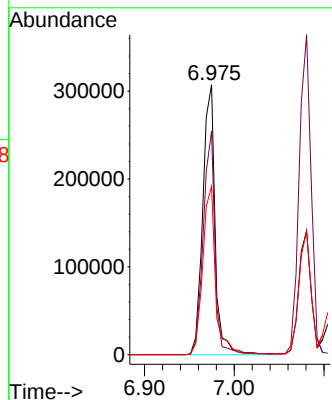
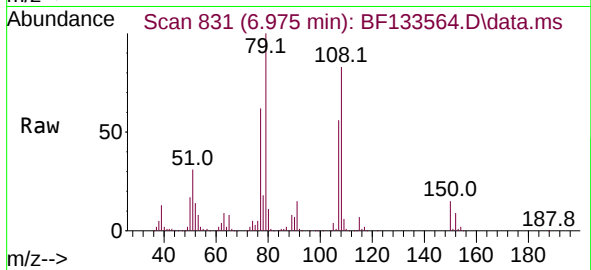
#15  
Benzyl Alcohol  
Concen: 39.253 ng  
RT: 6.975 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 29453  
Ion Ratio Lower Upper  
79 100  
108 82.8 63.2 94.8  
77 62.3 50.3 75.5

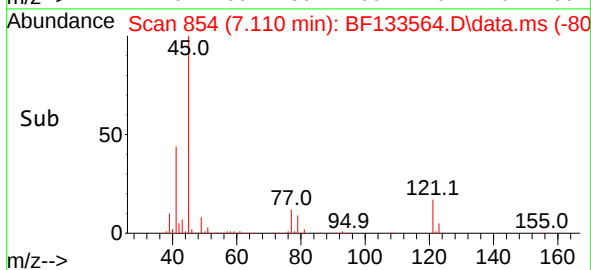
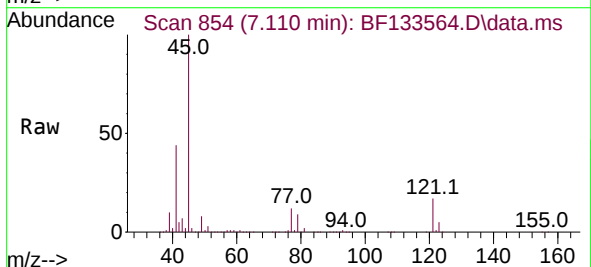
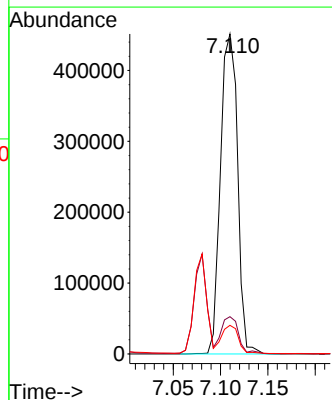
Manual Integrations  
APPROVED

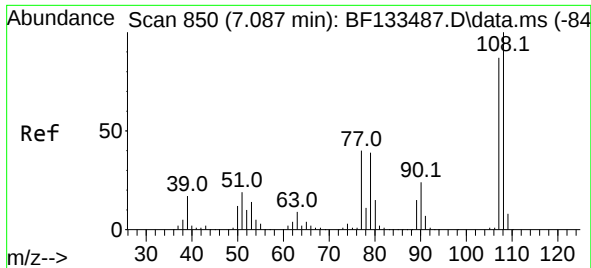
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.495 ng  
RT: 7.110 min Scan# 854  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion: 45 Resp: 567400  
Ion Ratio Lower Upper  
45 100  
77 11.7 0.0 30.8  
79 9.0 0.0 28.2





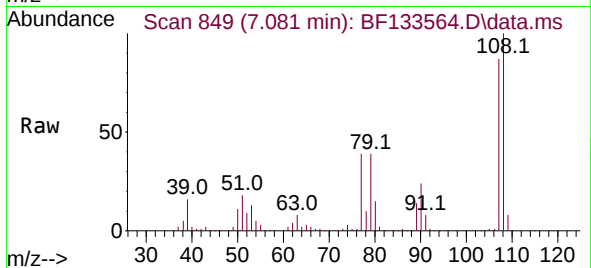
#17  
2-Methylphenol  
Concen: 38.632 ng  
RT: 7.081 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

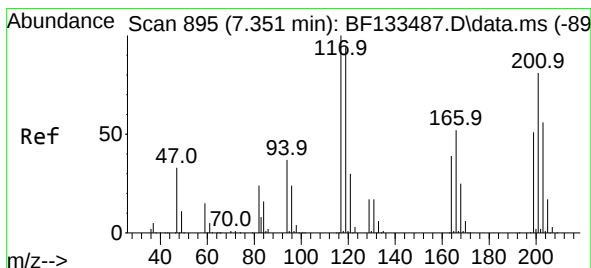
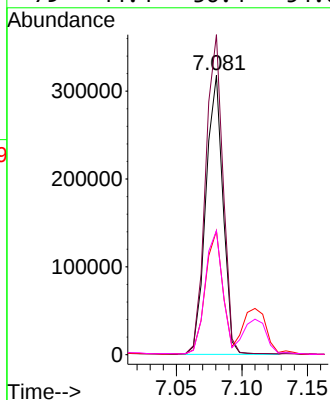
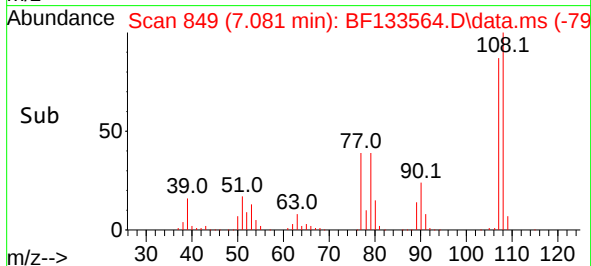


Tgt Ion:107 Resp: 289414  
Ion Ratio Lower Upper  
107 100  
108 114.5 92.2 138.4  
77 44.3 37.1 55.7  
79 44.4 36.4 54.6

Manual Integrations

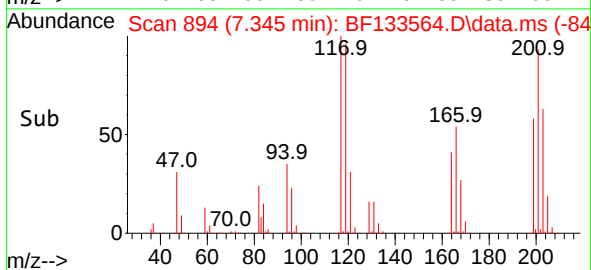
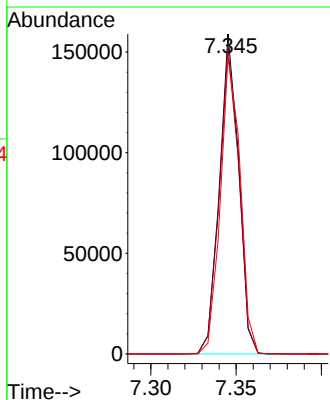
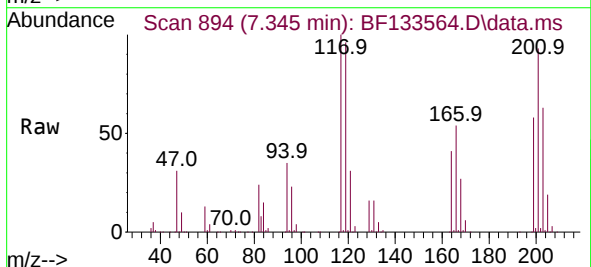
APPROVED

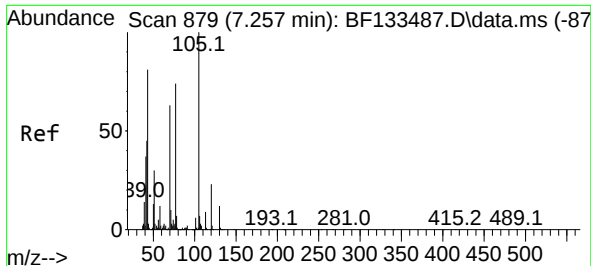
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#18  
Hexachloroethane  
Concen: 41.073 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

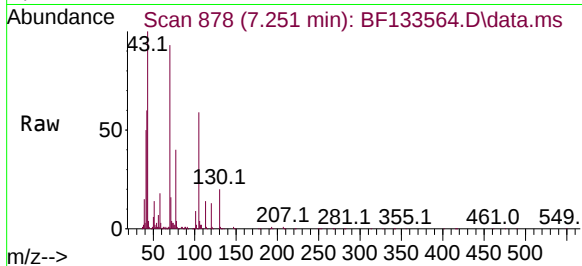
Tgt Ion:117 Resp: 125055  
Ion Ratio Lower Upper  
117 100  
119 95.9 74.9 112.3  
201 92.8 64.8 97.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.231 ng  
RT: 7.251 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

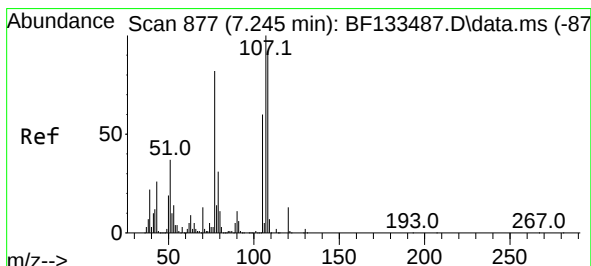
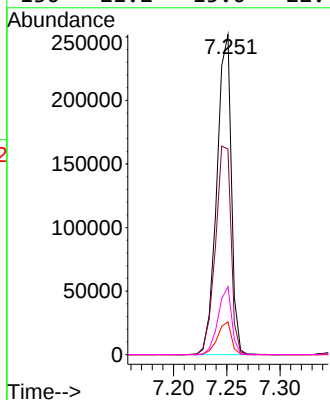
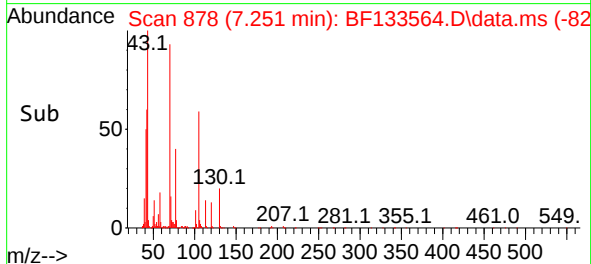
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



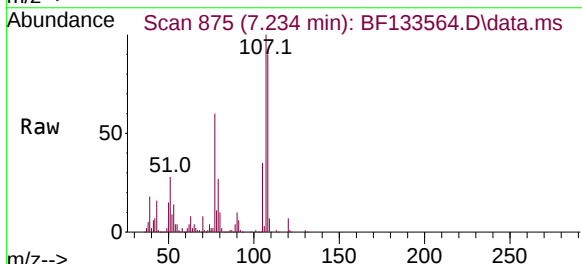
Tgt Ion: 70 Resp: 23808  
Ion Ratio Lower Upper  
70 100  
42 64.3 57.2 85.8  
101 10.2 7.3 10.9  
130 21.2 15.0 22.4

Manual Integrations  
APPROVED

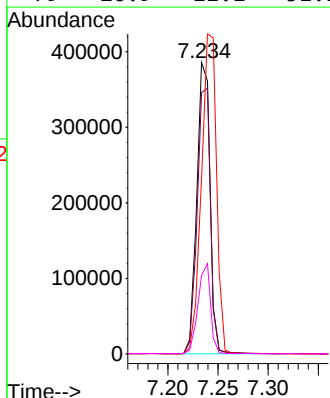
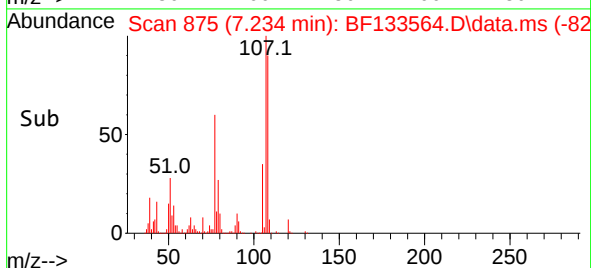
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

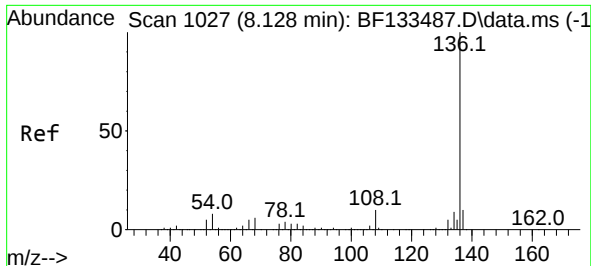


#20  
3+4-Methylphenols  
Concen: 41.946 ng  
RT: 7.234 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:107 Resp: 355273  
Ion Ratio Lower Upper  
107 100  
108 89.7 72.0 112.0  
77 60.2 61.9 101.9#  
79 26.9 11.1 51.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

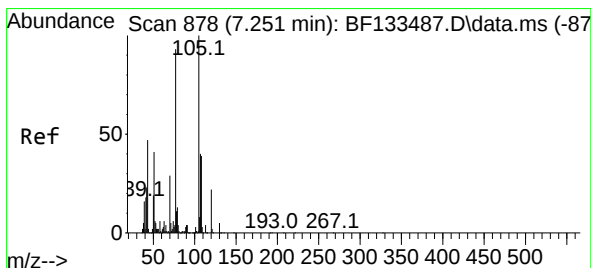
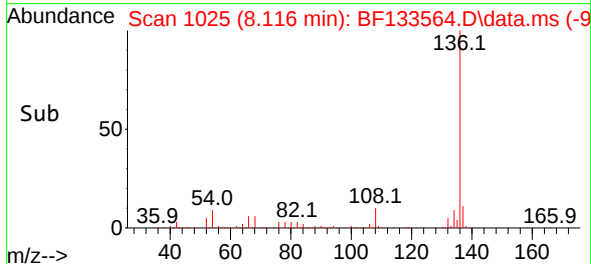
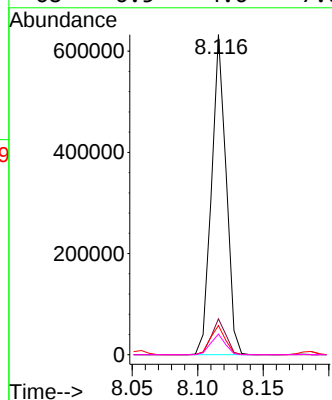
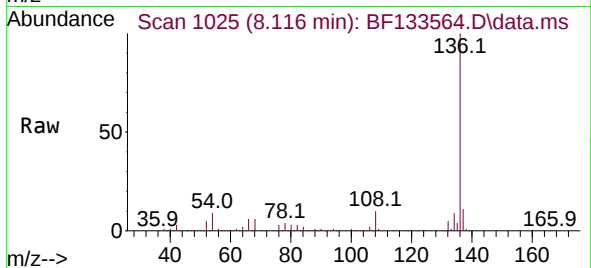
SSTDCCC040

Tgt Ion:136 Resp: 489549  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.2 12.4  
54 9.1 6.6 10.0  
68 6.5 4.6 7.0

Manual Integrations

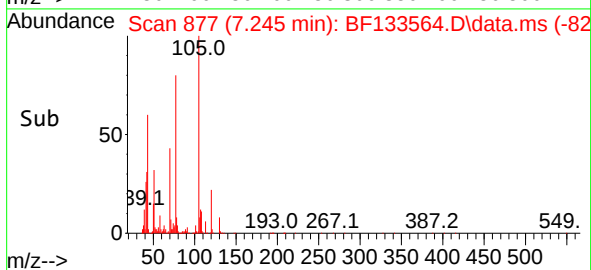
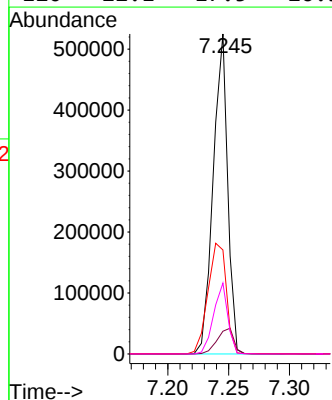
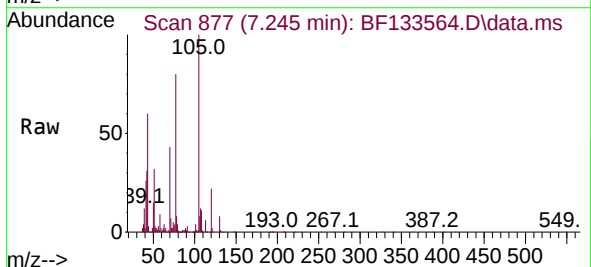
APPROVED

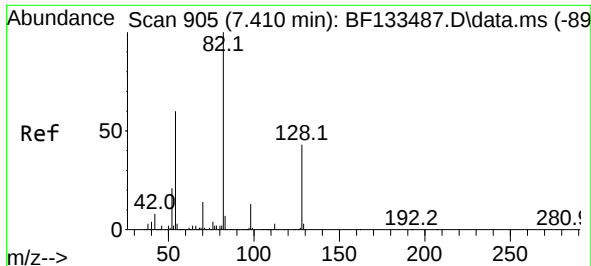
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#22  
Acetophenone  
Concen: 38.405 ng  
RT: 7.245 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion:105 Resp: 432965  
Ion Ratio Lower Upper  
105 100  
71 7.1 3.8 5.8#  
51 32.5 32.6 49.0#  
120 22.1 17.5 26.3





#23

Nitrobenzene-d5

Concen: 96.508 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 707592

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.4

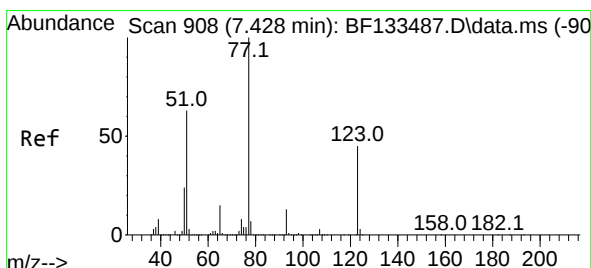
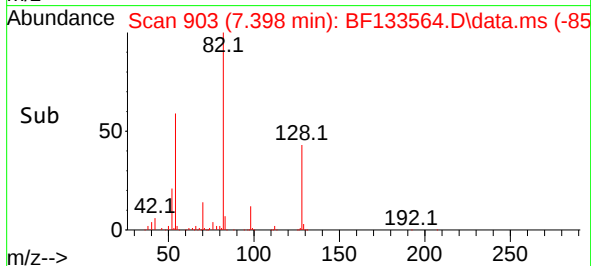
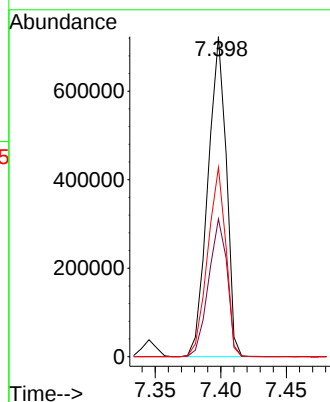
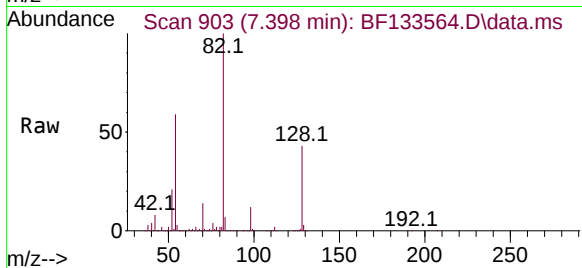
54 59.2 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#24

Nitrobenzene

Concen: 46.466 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

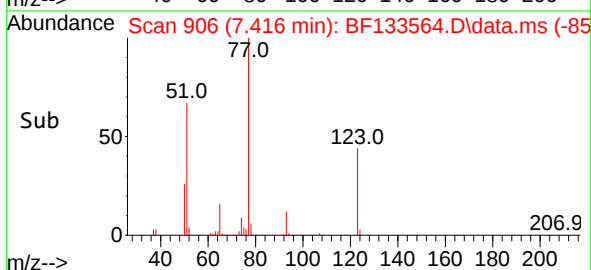
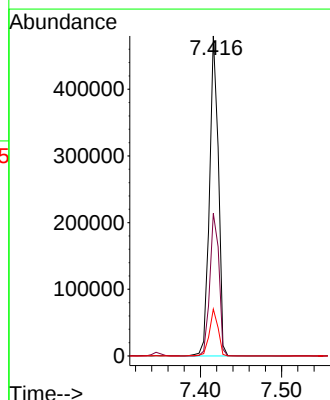
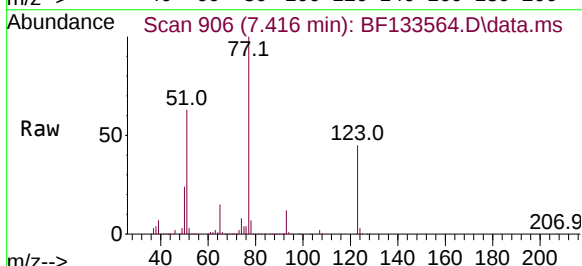
Tgt Ion: 77 Resp: 363003

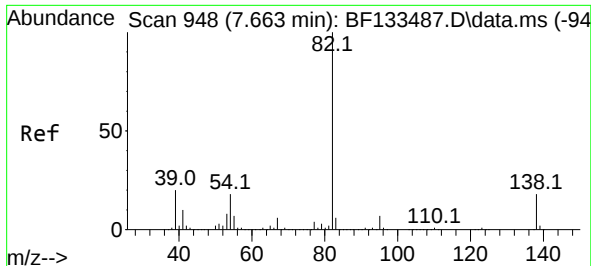
Ion Ratio Lower Upper

77 100

123 44.6 35.8 53.8

65 14.6 11.8 17.8





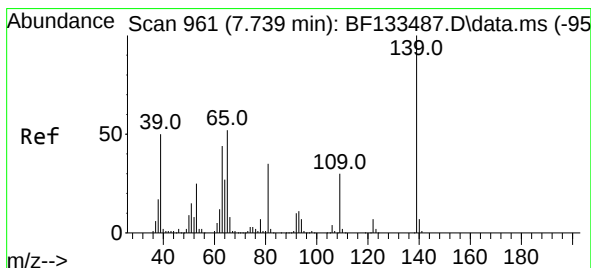
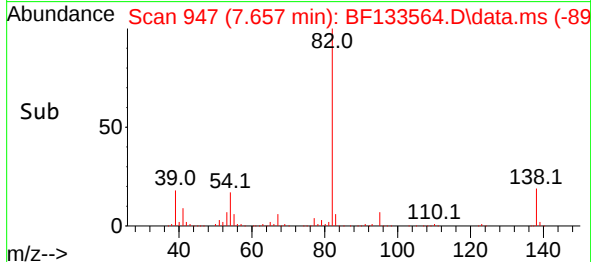
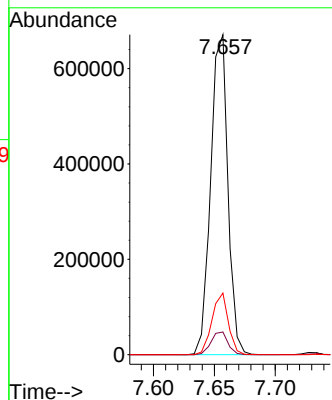
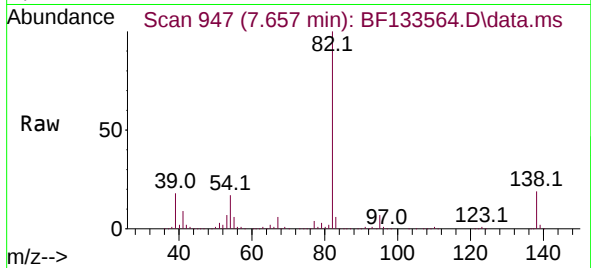
#25  
Isophorone  
Concen: 38.585 ng  
RT: 7.657 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 65933  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.7 8.5  
138 19.2 14.2 21.4

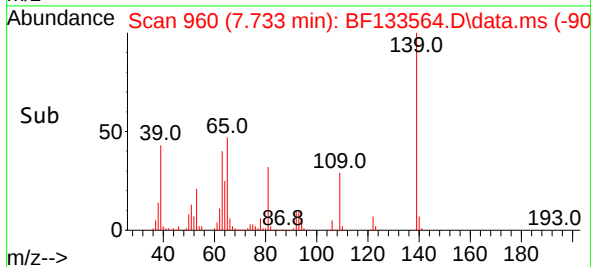
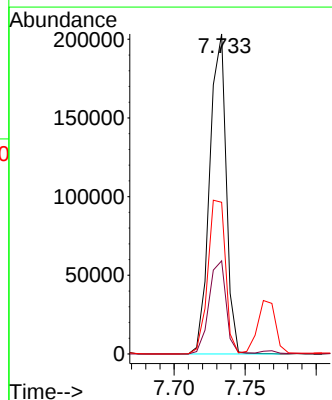
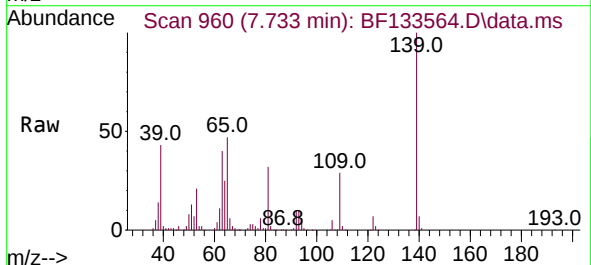
Manual Integrations  
APPROVED

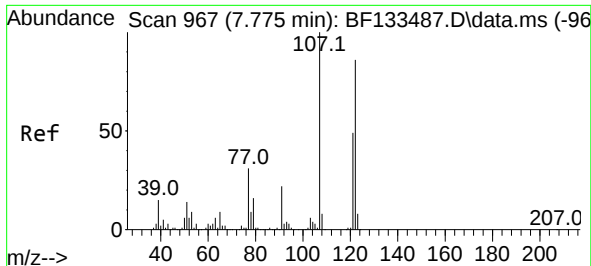
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#26  
2-Nitrophenol  
Concen: 46.137 ng  
RT: 7.733 min Scan# 960  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion:139 Resp: 164432  
Ion Ratio Lower Upper  
139 100  
109 29.1 24.0 36.0  
65 47.4 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 39.420 ng

RT: 7.769 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133564.D

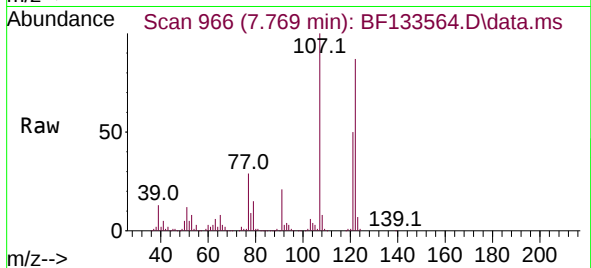
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



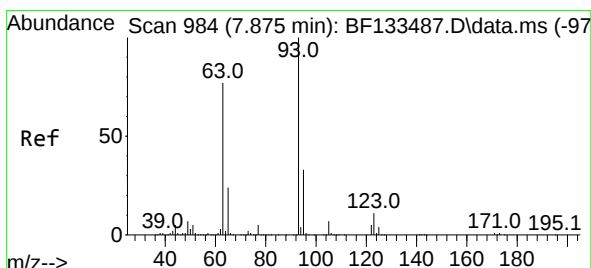
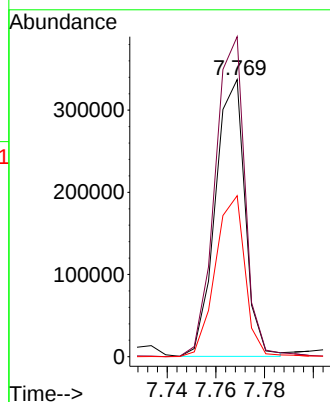
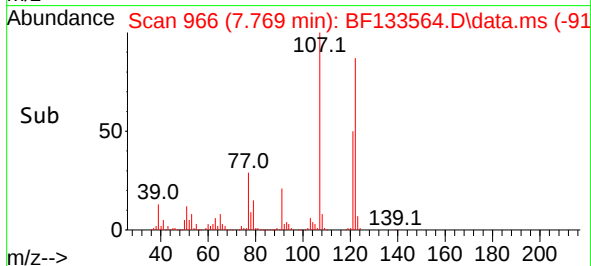
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 28660 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 115.5 | 93.4  | 140.0 |
| 121       | 58.1  | 45.6  | 68.4  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.923 ng

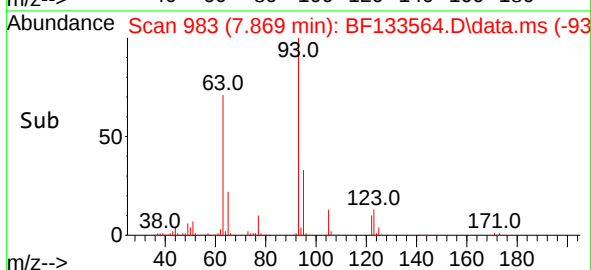
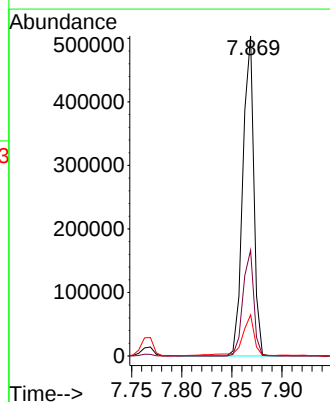
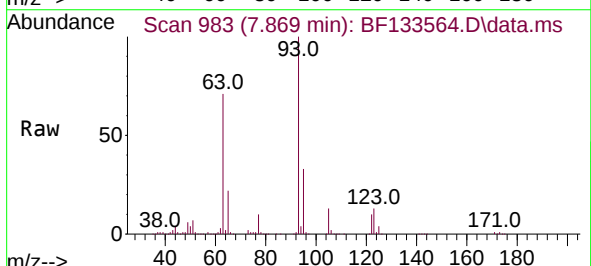
RT: 7.869 min Scan# 983

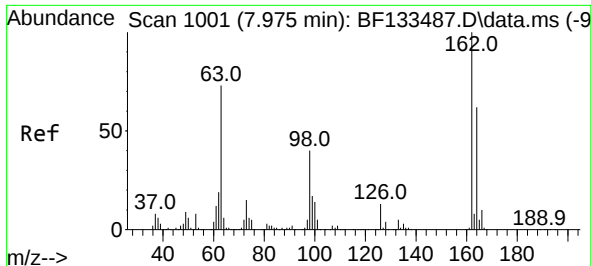
Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 385668 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.0  | 26.8  | 40.2   |
| 123       | 12.8  | 9.4   | 14.0   |





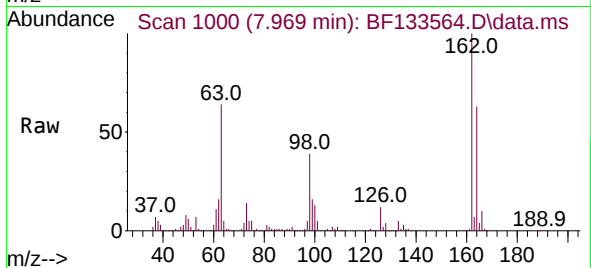
#29  
2,4-Dichlorophenol  
Concen: 41.538 ng  
RT: 7.969 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

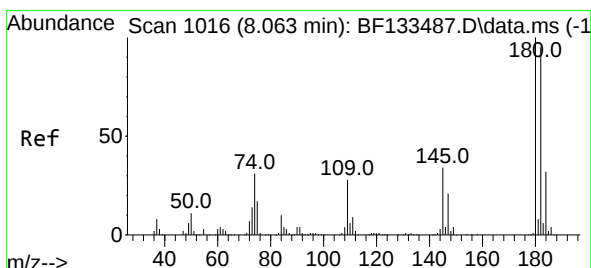
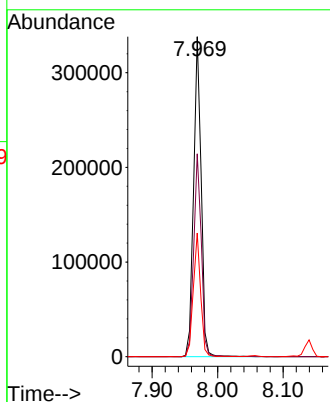
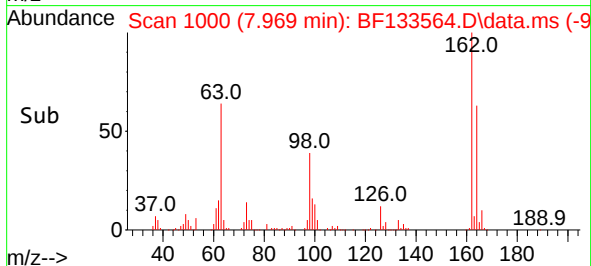


Tgt Ion:162 Resp: 271708  
Ion Ratio Lower Upper  
162 100  
164 63.4 42.2 82.2  
98 38.7 19.7 59.7

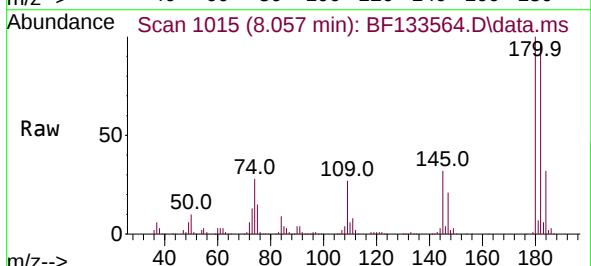
Manual Integrations

APPROVED

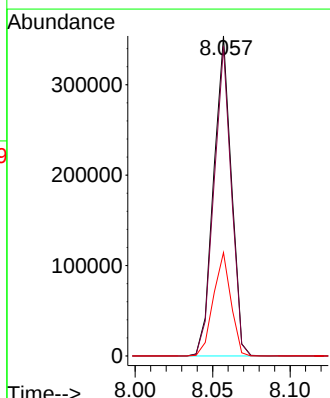
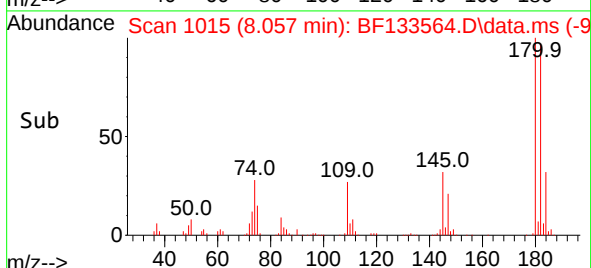
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

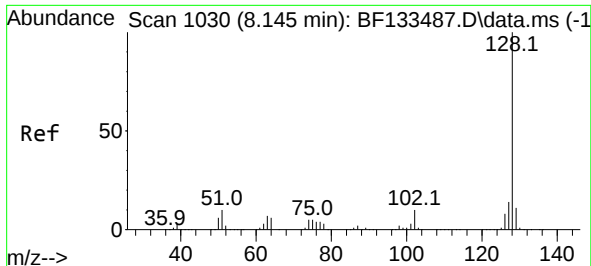


#30  
1,2,4-Trichlorobenzene  
Concen: 39.768 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



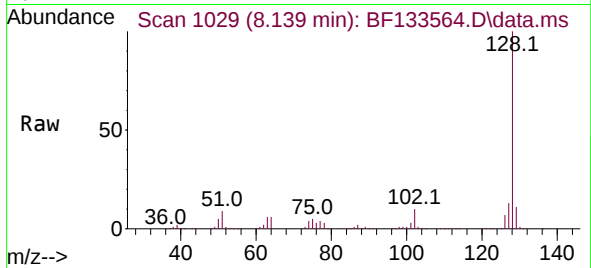
Tgt Ion:180 Resp: 281373  
Ion Ratio Lower Upper  
180 100  
182 96.7 76.1 114.1  
145 32.3 27.0 40.4





#31  
Naphthalene  
Concen: 39.794 ng  
RT: 8.139 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

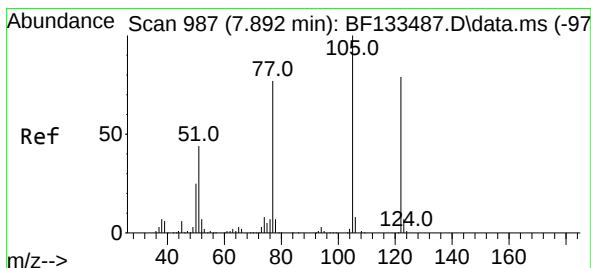
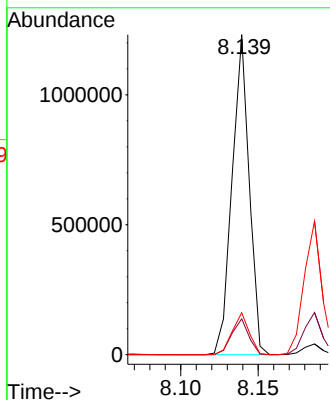
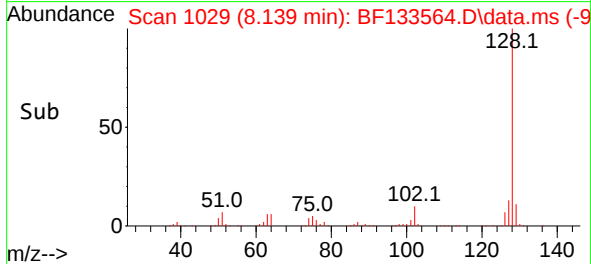
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 944452  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.2 13.8  
127 13.1 10.9 16.3

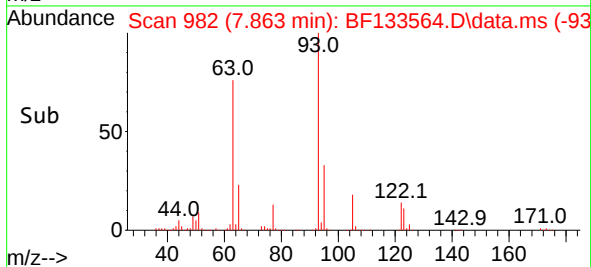
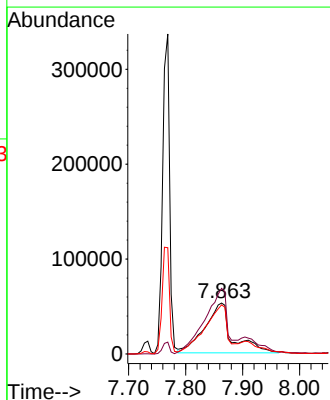
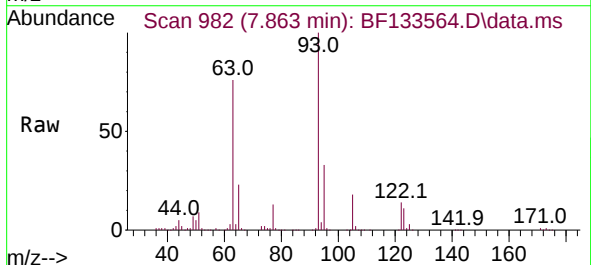
Manual Integrations  
APPROVED

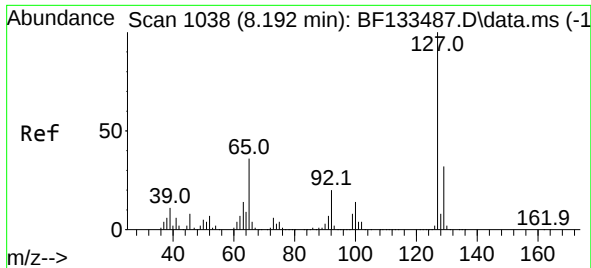
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#32  
Benzoic acid  
Concen: 38.418 ng m  
RT: 7.863 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion:122 Resp: 175694  
Ion Ratio Lower Upper  
122 100  
105 129.0 103.3 143.3  
77 96.6 75.7 115.7





#33  
4-Chloroaniline  
Concen: 40.105 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

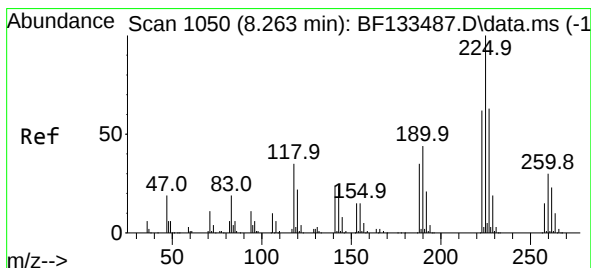
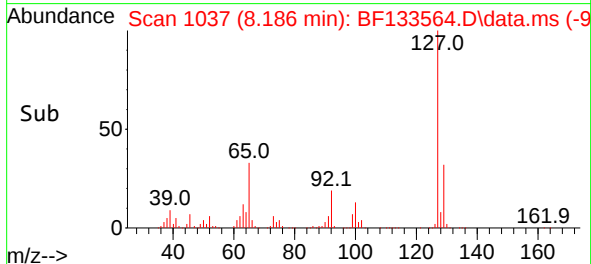
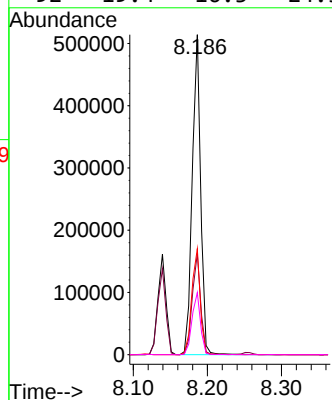
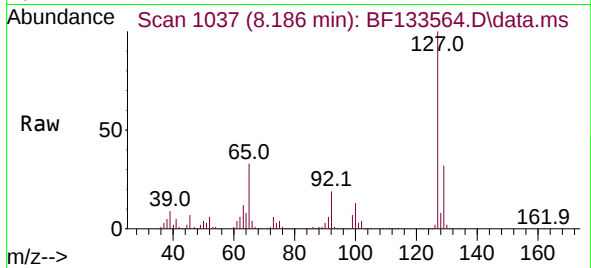
SSTDCCC040

Tgt Ion:127 Resp: 407959  
Ion Ratio Lower Upper  
127 100  
129 31.6 25.9 38.9  
65 33.1 29.0 43.6  
92 19.4 16.3 24.5

Manual Integrations

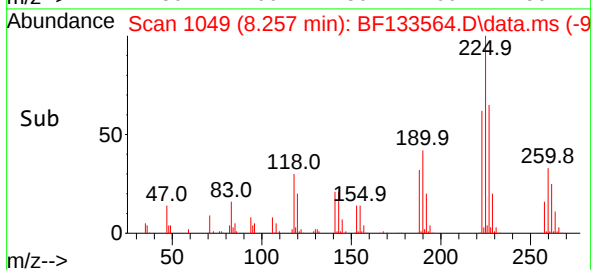
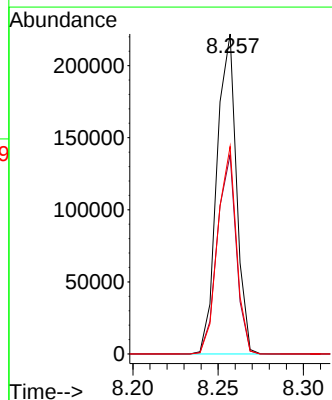
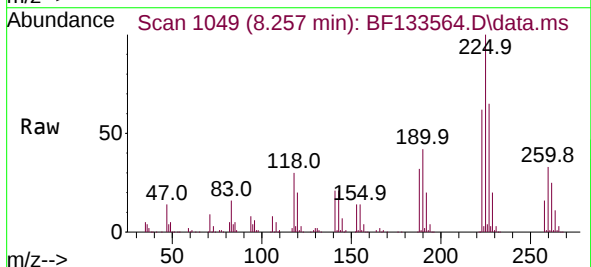
APPROVED

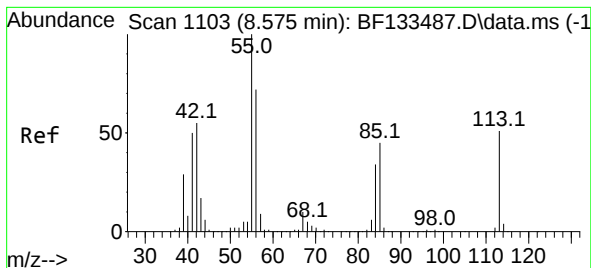
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#34  
Hexachlorobutadiene  
Concen: 40.966 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion:225 Resp: 176311  
Ion Ratio Lower Upper  
225 100  
223 62.3 49.8 74.8  
227 64.9 50.2 75.4





#35

Caprolactam

Concen: 44.127 ng

RT: 8.557 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

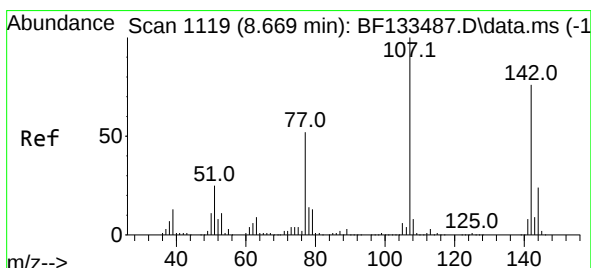
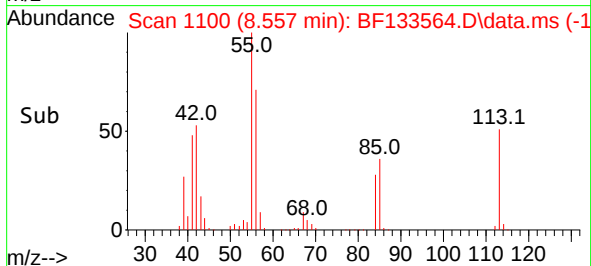
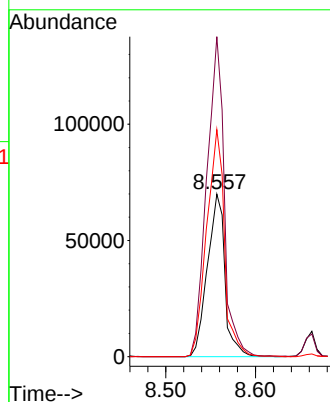
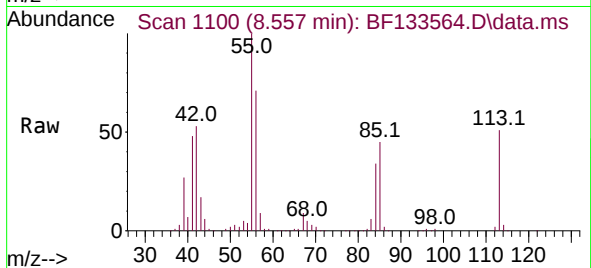
SSTDCCC040

Tgt Ion:113 Resp: 94664  
 Ion Ratio Lower Upper  
 113 100  
 55 196.9 177.5 217.5  
 56 139.7 122.3 162.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023  
 Supervised By :mohammad ahmed 06/08/2023



#36

4-Chloro-3-methylphenol

Concen: 41.276 ng

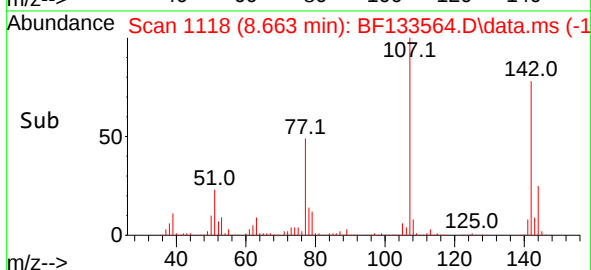
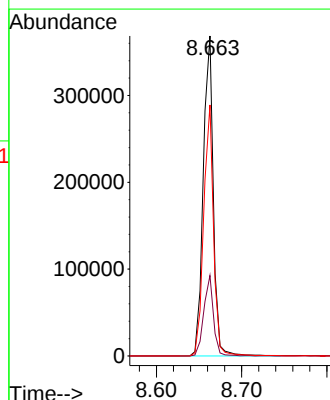
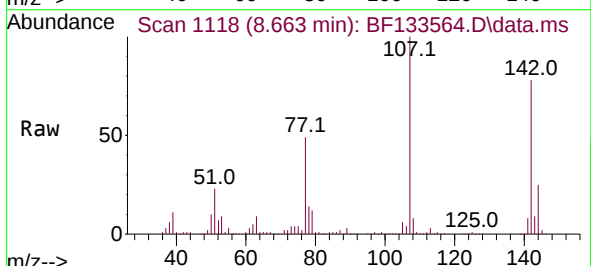
RT: 8.663 min Scan# 1118

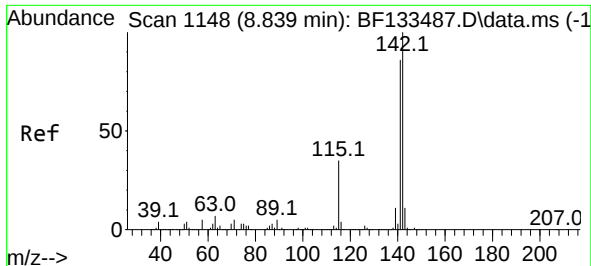
Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:107 Resp: 302442  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 19.4 29.0  
 142 78.4 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.130 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 650290

Ion Ratio Lower Upper

142 100

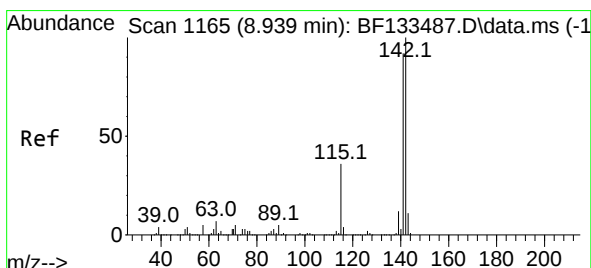
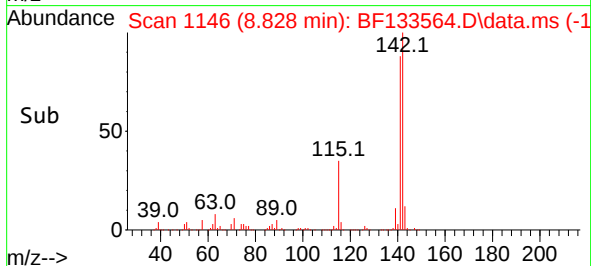
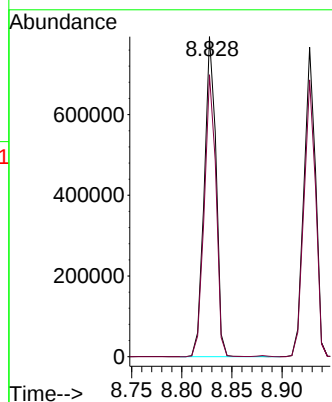
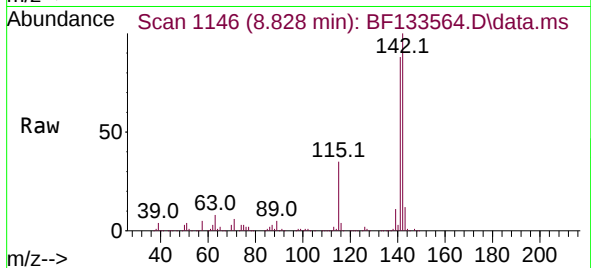
141 88.1 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#38

1-Methylnaphthalene

Concen: 40.617 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF133564.D

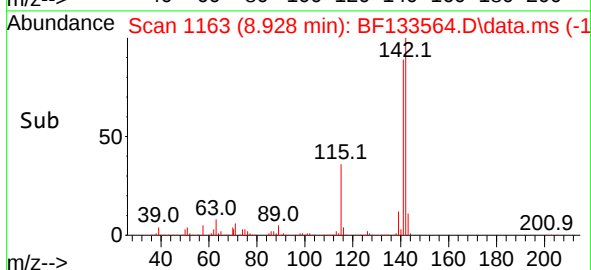
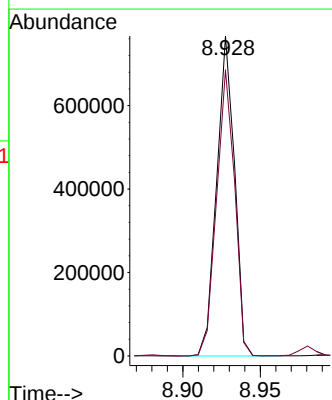
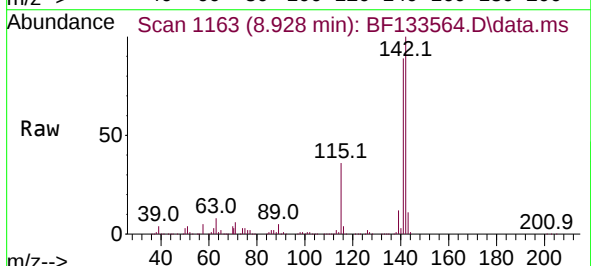
Acq: 05 Jun 2023 12:53

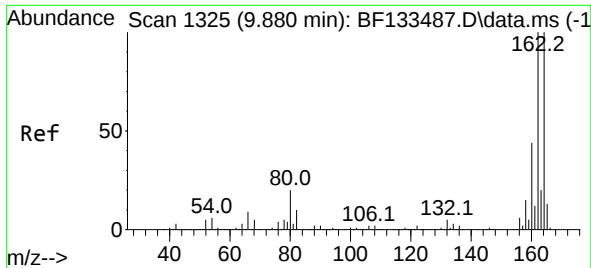
Tgt Ion:142 Resp: 613538

Ion Ratio Lower Upper

142 100

141 89.5 73.6 110.4





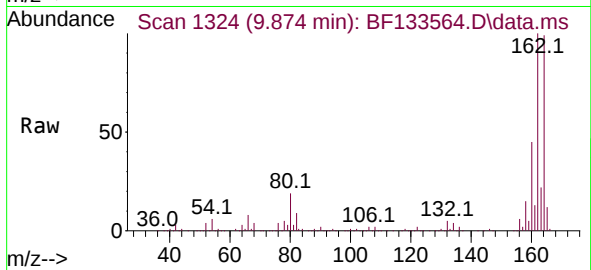
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.874 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

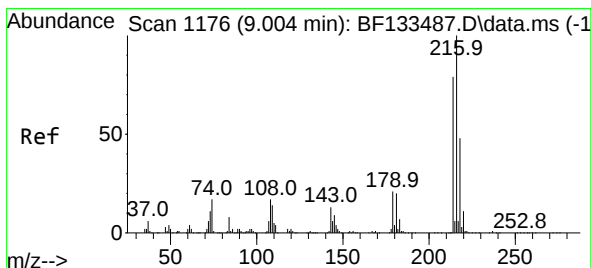
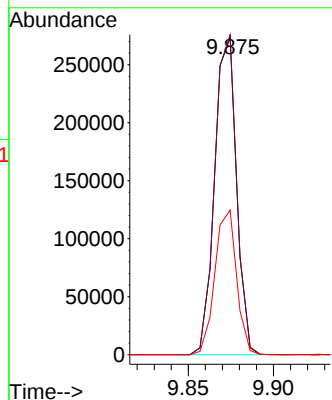
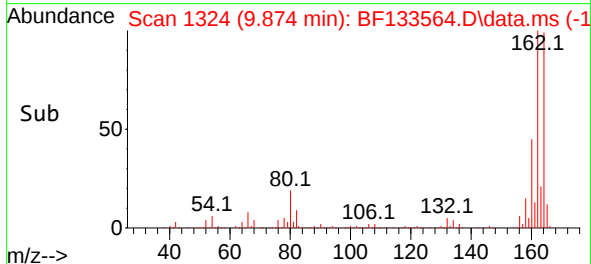


Tgt Ion:164 Resp: 24412  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.7 119.5  
160 45.6 35.4 53.0

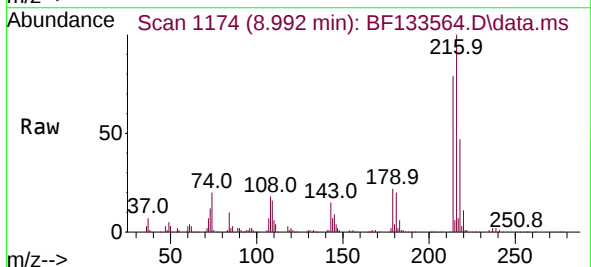
Manual Integrations

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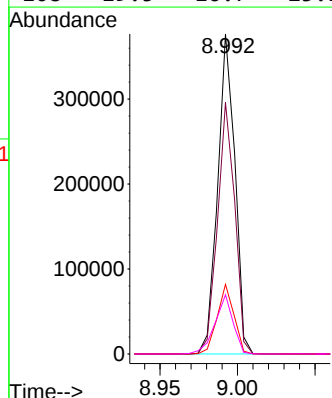
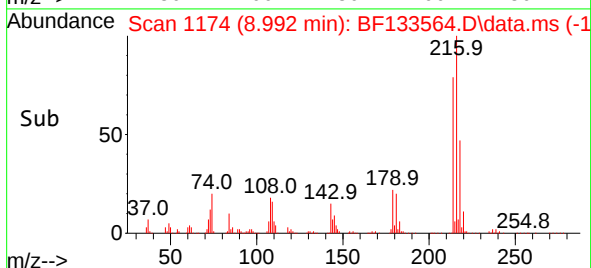
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

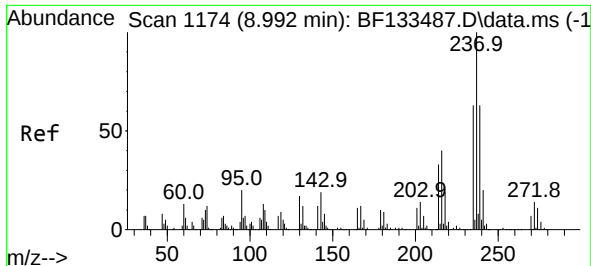


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.149 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



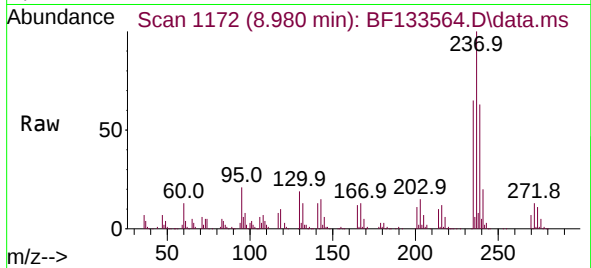
Tgt Ion:216 Resp: 290496  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.2 94.8  
179 21.2 17.3 25.9  
108 19.5 16.7 25.1





#41  
Hexachlorocyclopentadiene  
Concen: 36.056 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

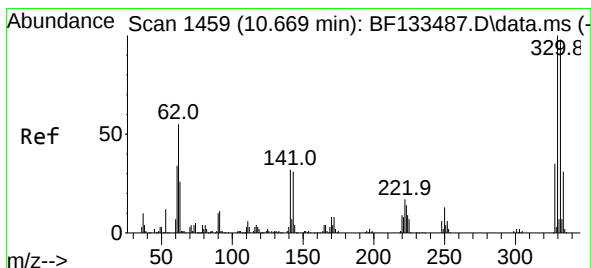
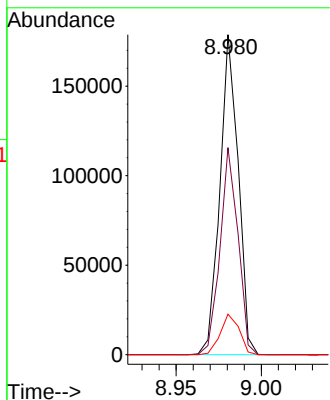
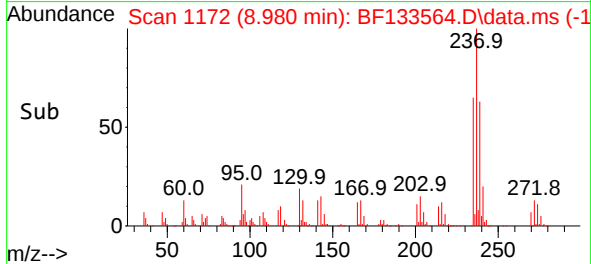
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



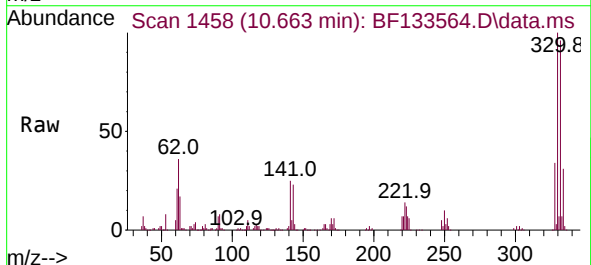
Tgt Ion:237 Resp: 13369  
Ion Ratio Lower Upper  
237 100  
235 64.7 43.0 83.0  
272 12.6 0.0 33.5

Manual Integrations  
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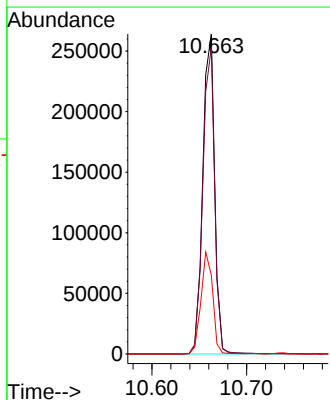
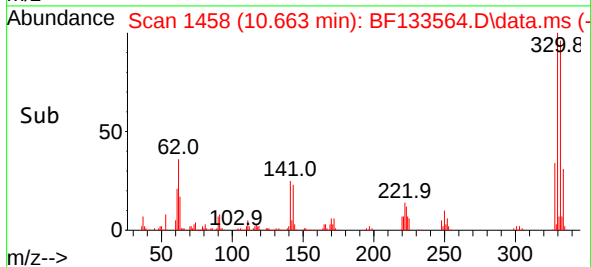
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

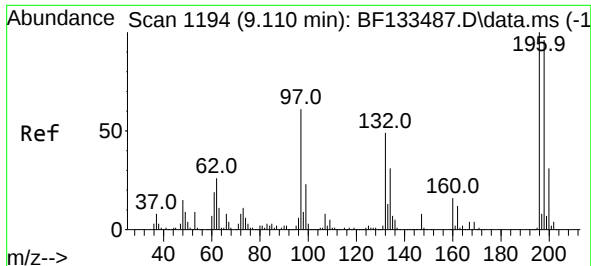


#42  
2,4,6-Tribromophenol  
Concen: 94.010 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:330 Resp: 228767  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.8 116.6  
141 31.5 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 42.272 ng

RT: 9.104 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 19571

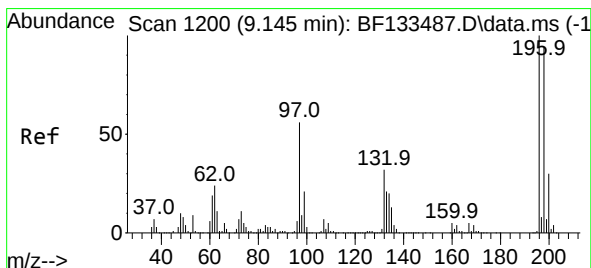
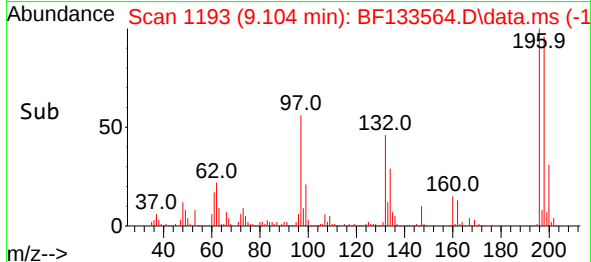
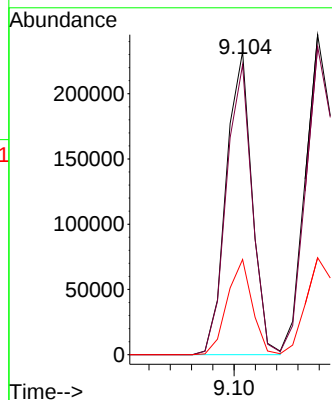
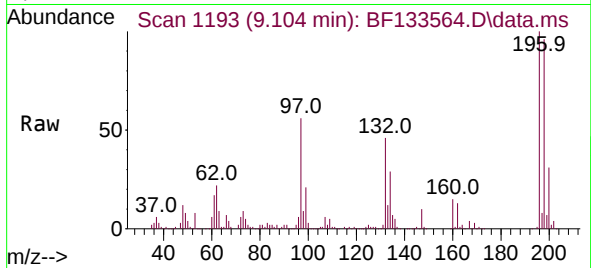
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 95.6  | 76.6  | 115.0 |
| 200 | 31.4  | 24.6  | 37.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#44

2,4,5-Trichlorophenol

Concen: 42.312 ng

RT: 9.139 min Scan# 1199

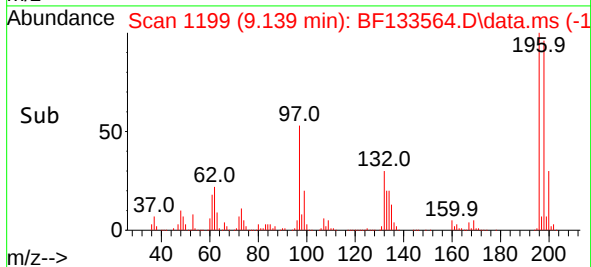
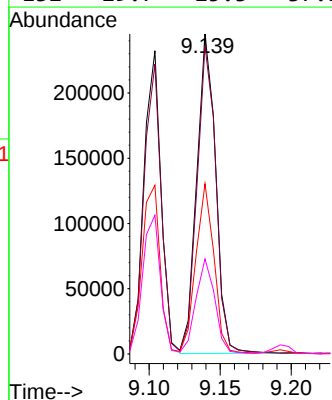
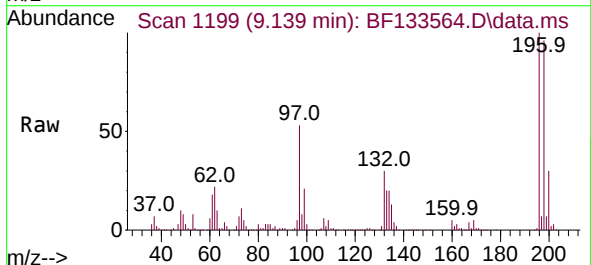
Delta R.T. 0.000 min

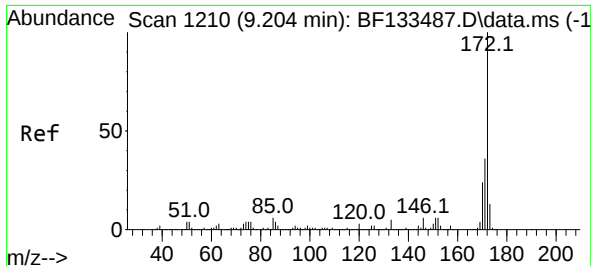
Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:196 Resp: 227380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 96.3  | 75.3  | 112.9 |
| 97  | 53.2  | 44.9  | 67.3  |
| 132 | 29.7  | 25.3  | 37.9  |





#45

2-Fluorobiphenyl

Concen: 82.123 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1298909

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

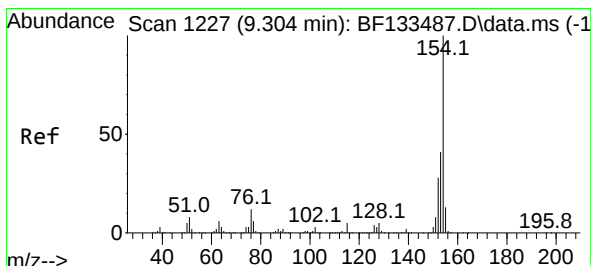
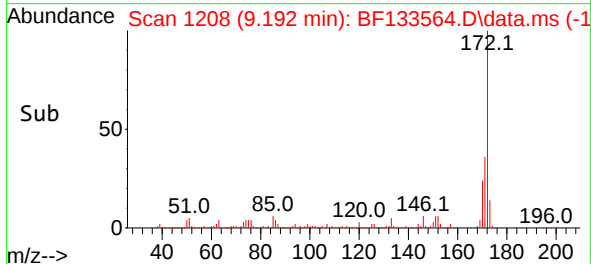
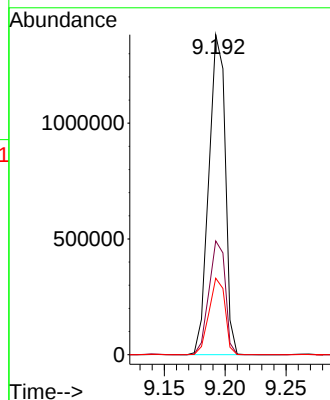
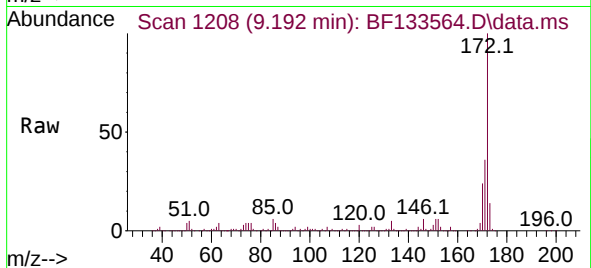
170 23.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#46

1,1'-Biphenyl

Concen: 39.343 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

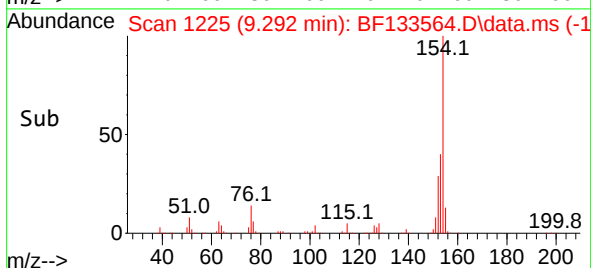
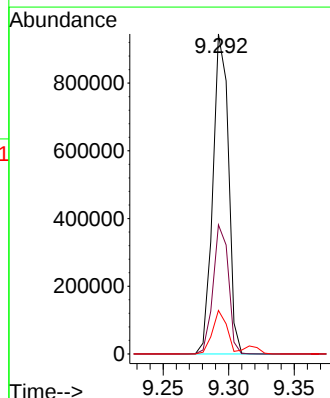
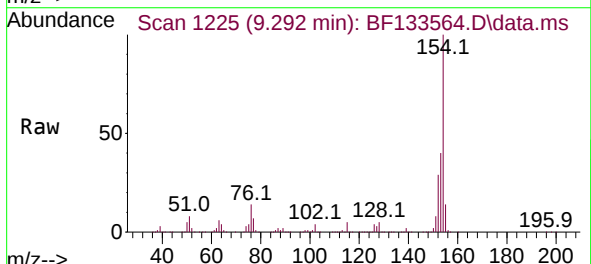
Tgt Ion:154 Resp: 780324

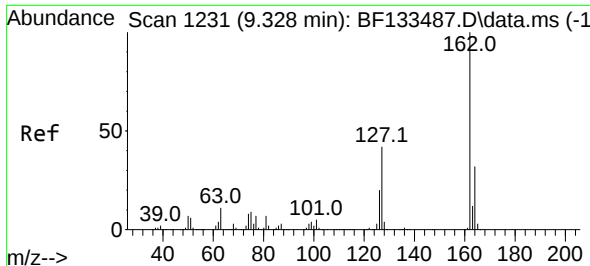
Ion Ratio Lower Upper

154 100

153 40.3 21.0 61.0

76 13.6 0.0 32.5





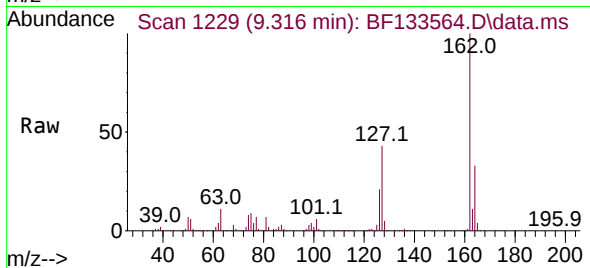
#47  
2-Chloronaphthalene  
Concen: 39.613 ng  
RT: 9.316 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

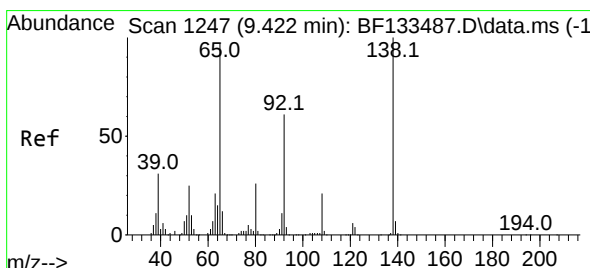
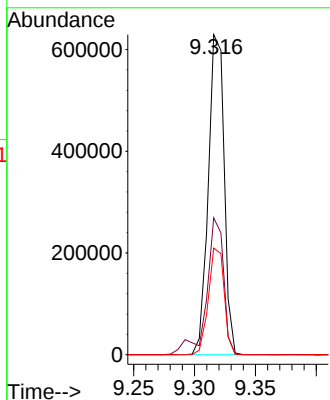
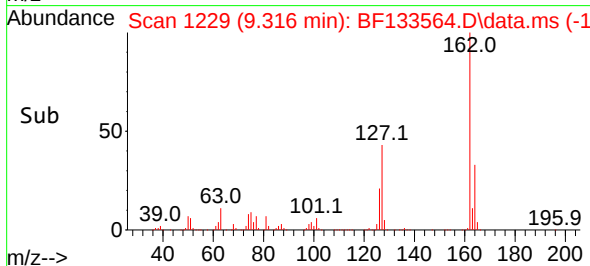


Tgt Ion:162 Resp: 56941  
Ion Ratio Lower Upper  
162 100  
127 42.7 33.2 49.8  
164 33.3 26.0 39.0

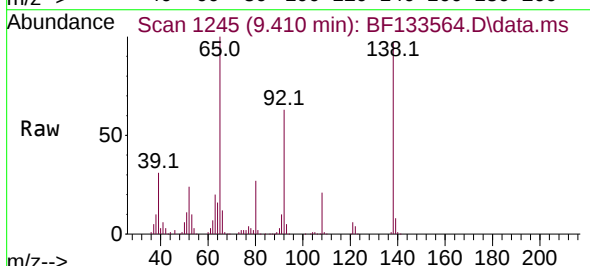
Manual Integrations

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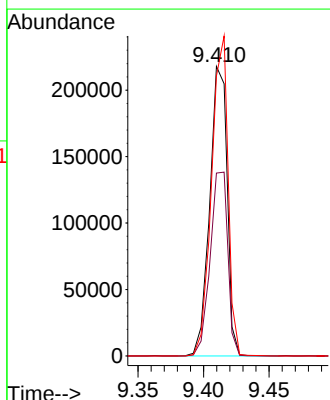
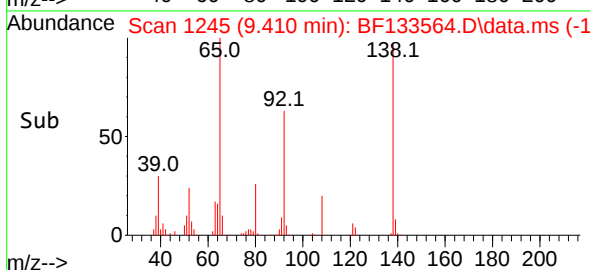
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

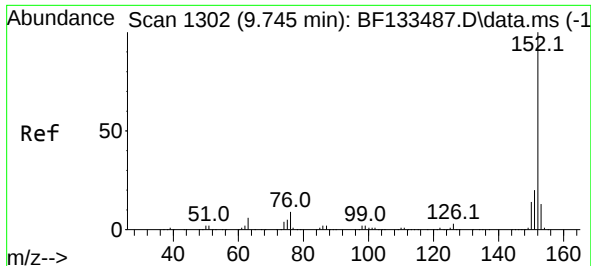


#48  
2-Nitroaniline  
Concen: 43.950 ng  
RT: 9.410 min Scan# 1245  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion: 65 Resp: 201137  
Ion Ratio Lower Upper  
65 100  
92 63.2 50.8 76.2  
138 96.7 82.6 124.0





#49

Acenaphthylene

Concen: 39.697 ng

RT: 9.733 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

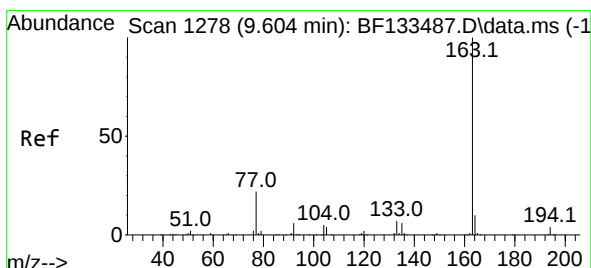
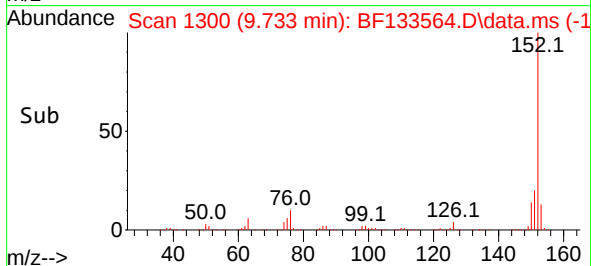
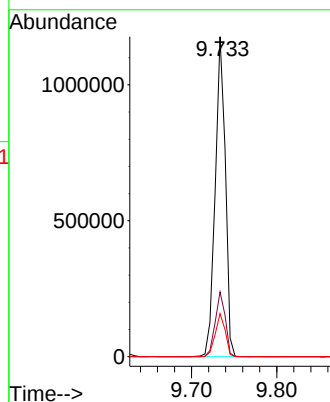
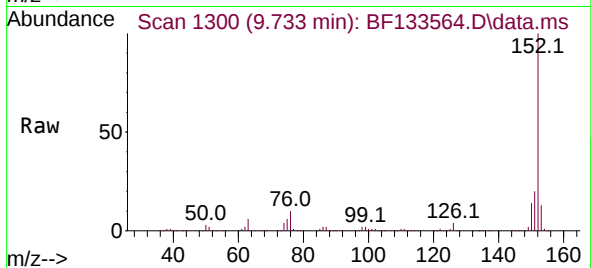
Tgt Ion:152 Resp: 973775  
 Ion Ratio Lower Upper  
 152 100  
 151 20.2 16.0 24.0  
 153 13.5 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#50

Dimethylphthalate

Concen: 41.005 ng

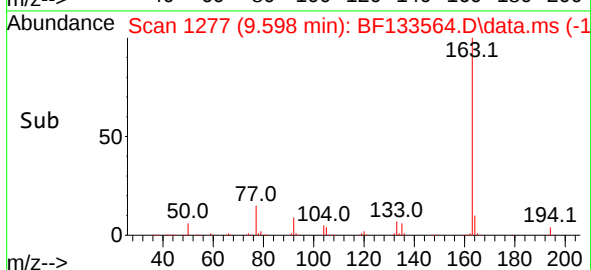
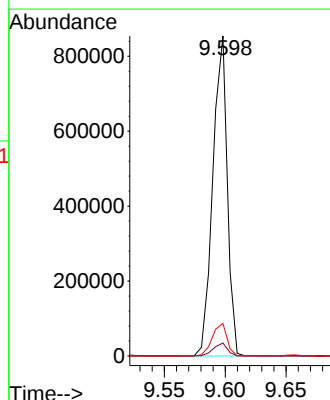
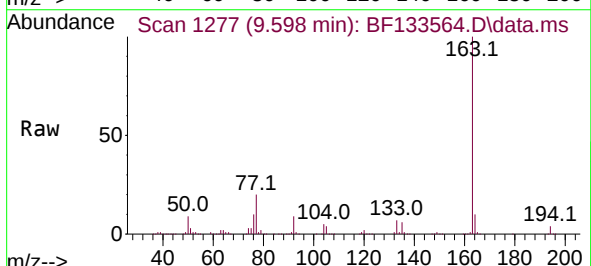
RT: 9.598 min Scan# 1277

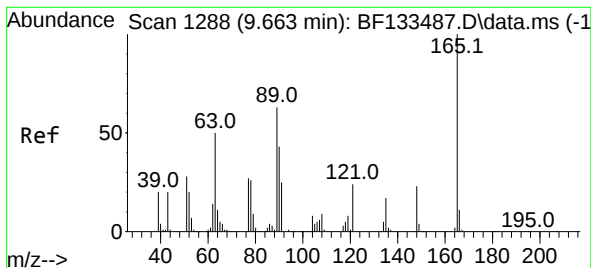
Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:163 Resp: 703554  
 Ion Ratio Lower Upper  
 163 100  
 194 4.1 3.0 4.6  
 164 10.1 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 47.147 ng  
RT: 9.657 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

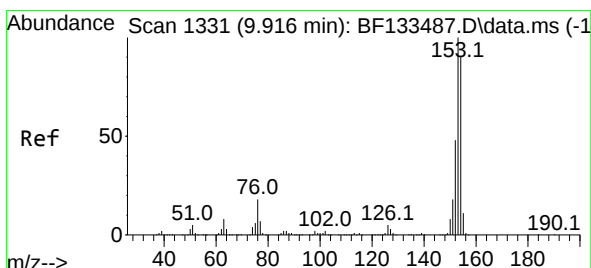
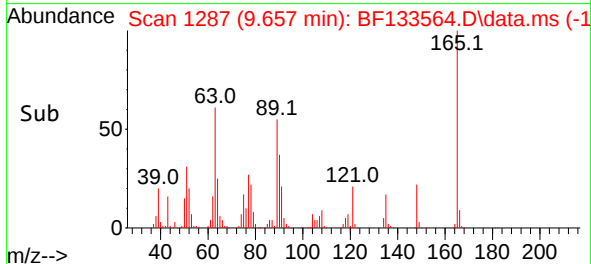
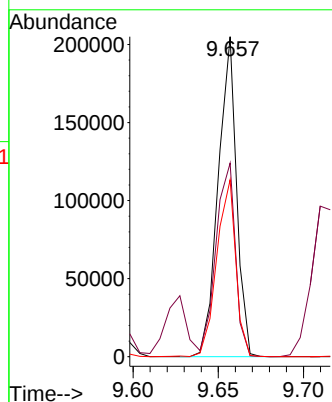
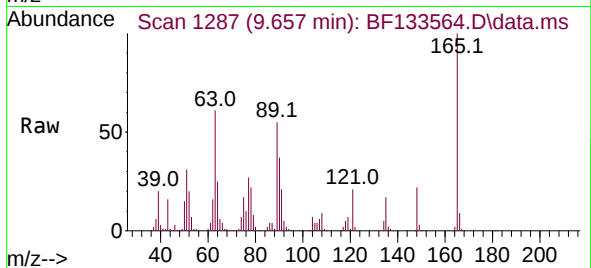
SSTDCCC040

Tgt Ion:165 Resp: 15357  
Ion Ratio Lower Upper  
165 100  
63 60.5 57.0 85.4  
89 55.3 50.8 76.2

Manual Integrations

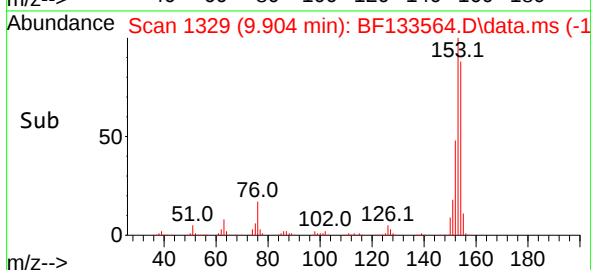
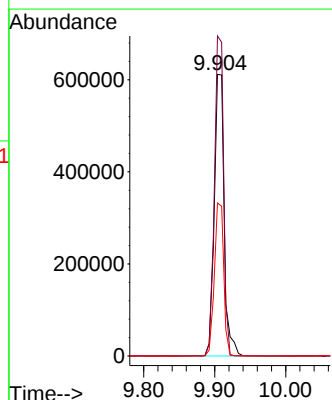
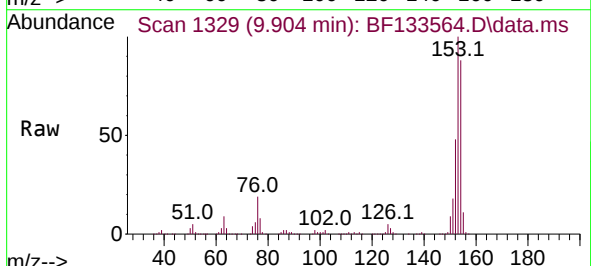
APPROVED

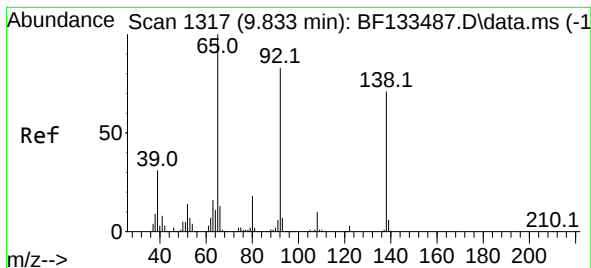
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#52  
Acenaphthene  
Concen: 39.871 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion:154 Resp: 592444  
Ion Ratio Lower Upper  
154 100  
153 113.6 89.2 133.8  
152 54.3 43.1 64.7





#53  
3-Nitroaniline  
Concen: 44.708 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

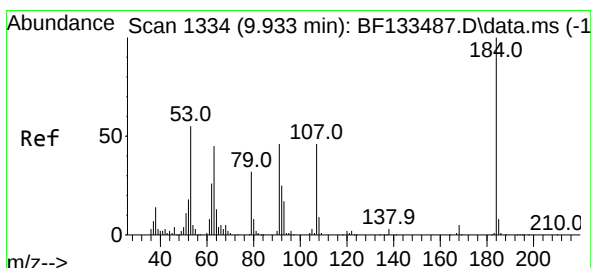
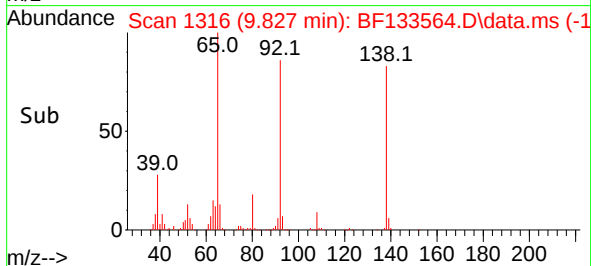
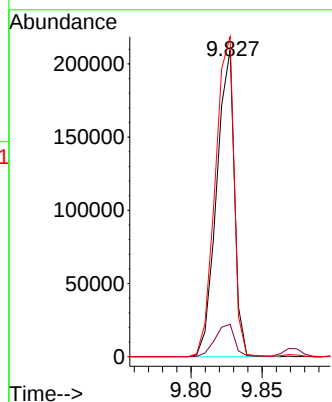
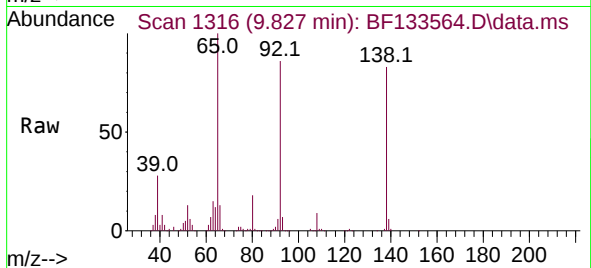
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Tgt Ion:138 Resp: 18188  
Ion Ratio Lower Upper  
138 100  
108 10.6 11.9 17.9  
92 104.2 93.1 139.7

Manual Integrations

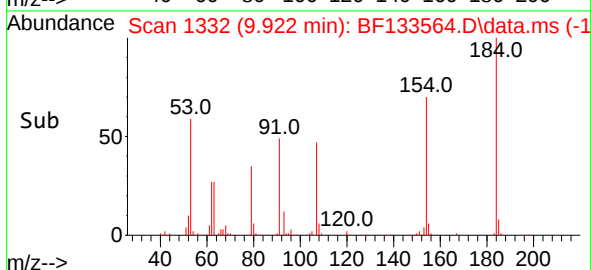
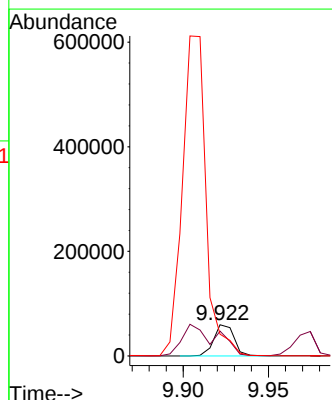
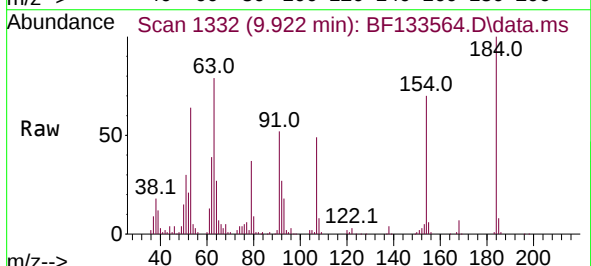
APPROVED

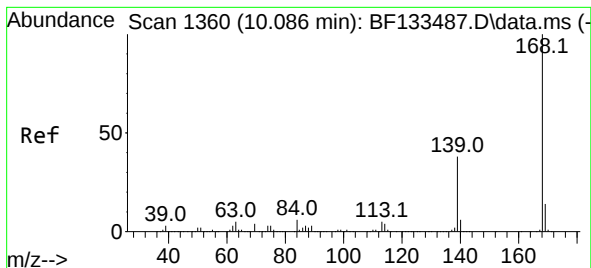
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#54  
2,4-Dinitrophenol  
Concen: 40.064 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

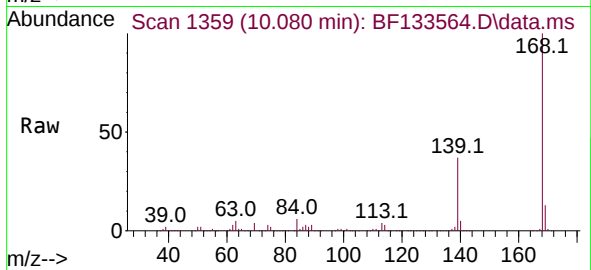
Tgt Ion:184 Resp: 49843  
Ion Ratio Lower Upper  
184 100  
63 79.4 55.7 83.5  
154 69.9 49.3 73.9





#55  
Dibenzenofuran  
Concen: 39.685 ng  
RT: 10.080 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

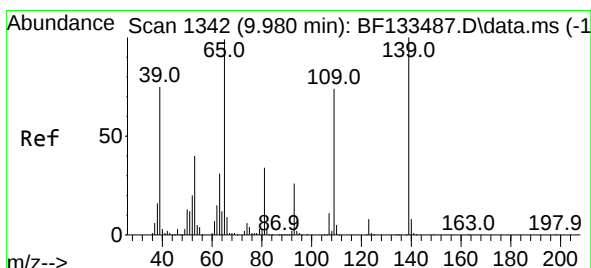
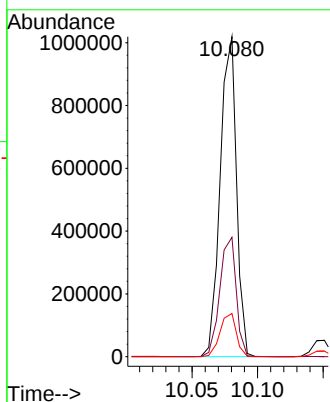
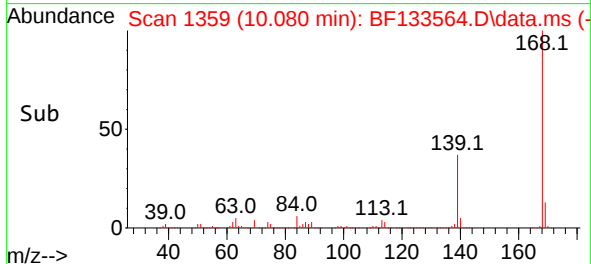
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



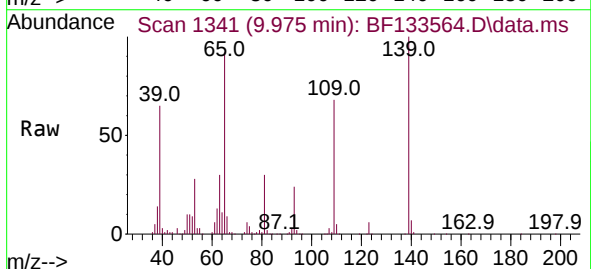
Tgt Ion:168 Resp: 877300  
Ion Ratio Lower Upper  
168 100  
139 37.3 30.6 46.0  
169 13.5 10.9 16.3

Manual Integrations  
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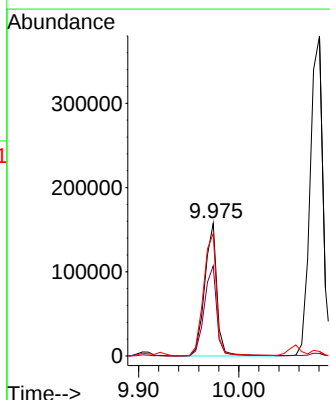
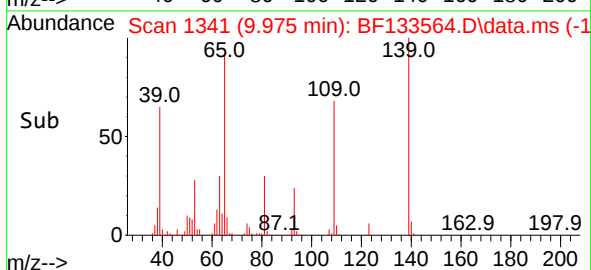
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

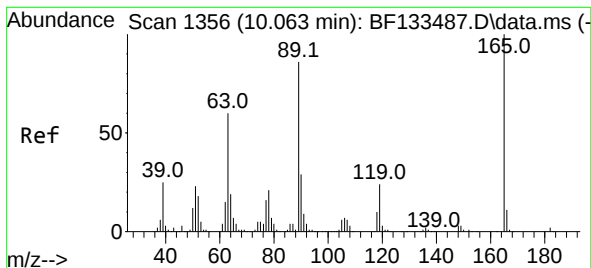


#56  
4-Nitrophenol  
Concen: 45.716 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:139 Resp: 134200  
Ion Ratio Lower Upper  
139 100  
109 67.9 54.5 94.5  
65 92.3 79.5 119.5





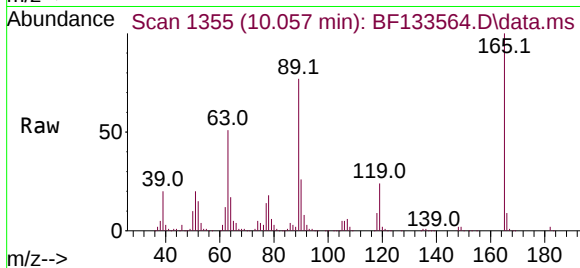
#57  
2,4-Dinitrotoluene  
Concen: 48.063 ng  
RT: 10.057 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

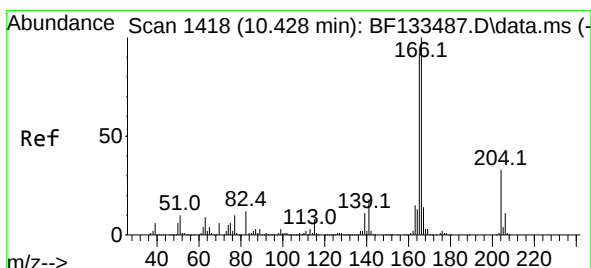
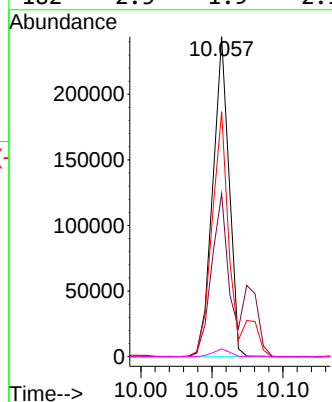
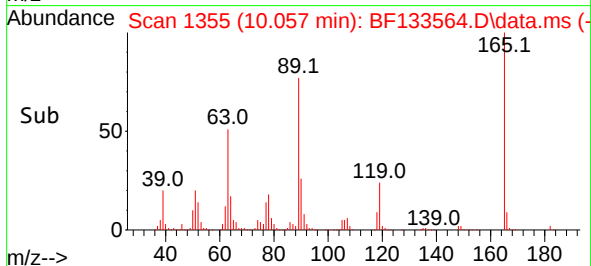


Tgt Ion:165 Resp: 194630  
Ion Ratio Lower Upper  
165 100  
63 50.9 48.1 72.1  
89 76.5 68.4 102.6  
182 2.5 1.9 2.9

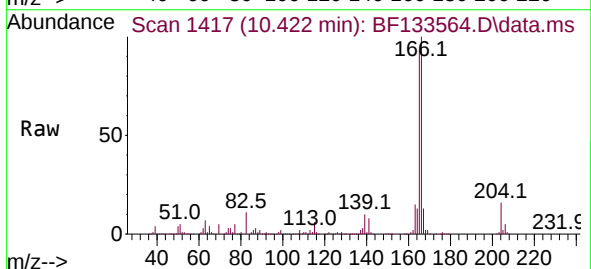
Manual Integrations

APPROVED

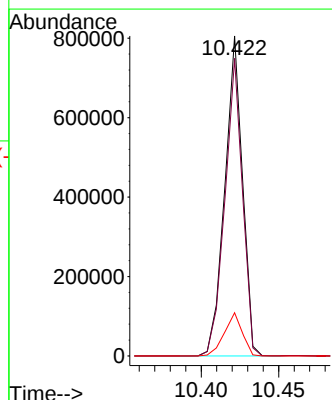
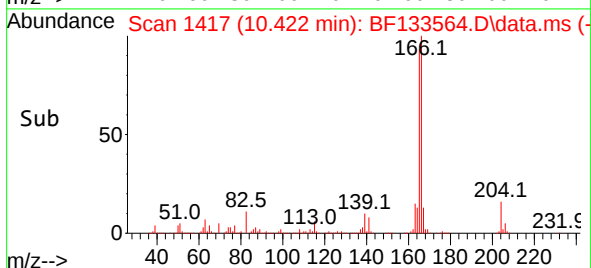
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

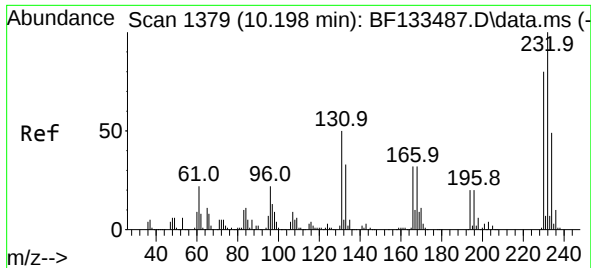


#58  
Fluorene  
Concen: 39.499 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



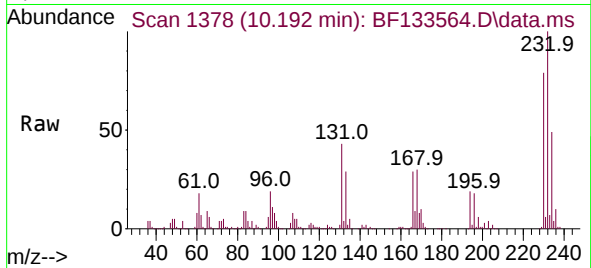
Tgt Ion:166 Resp: 639757  
Ion Ratio Lower Upper  
166 100  
165 92.9 73.4 110.0  
167 13.5 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.439 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

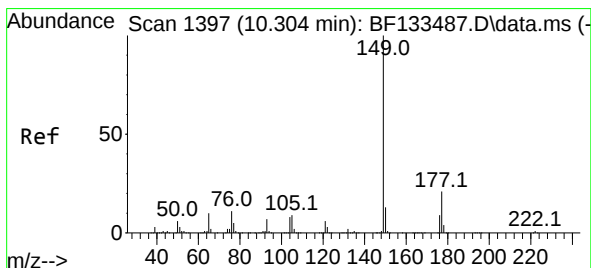
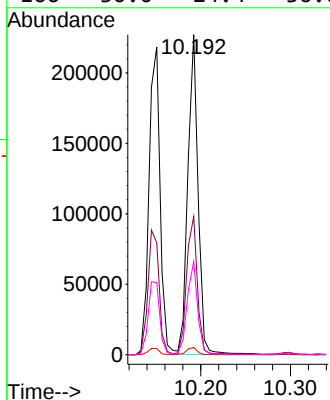
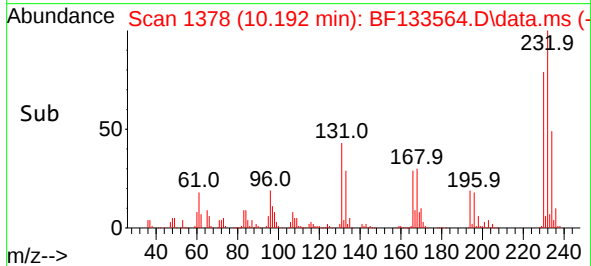
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



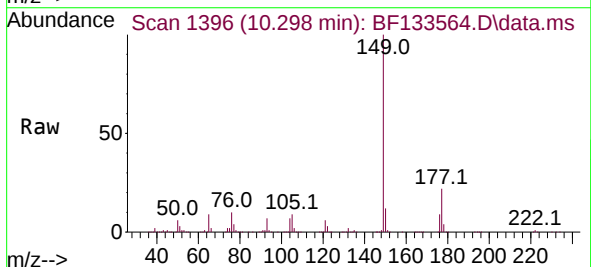
Tgt Ion:232 Resp: 17985  
Ion Ratio Lower Upper  
232 100  
131 45.3 37.9 56.9  
130 2.3 1.8 2.6  
166 30.0 24.4 36.6

Manual Integrations  
APPROVED

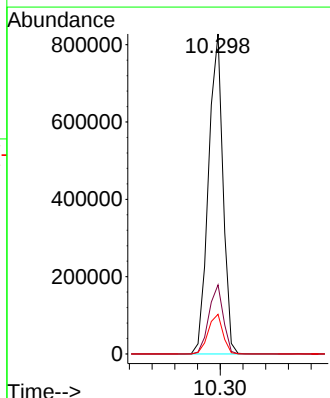
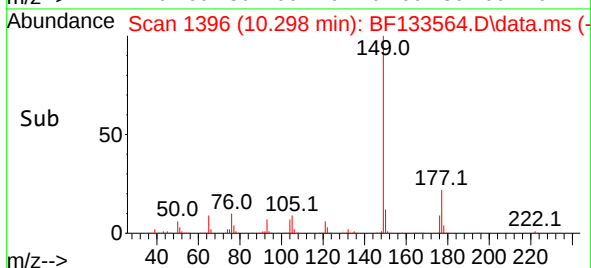
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

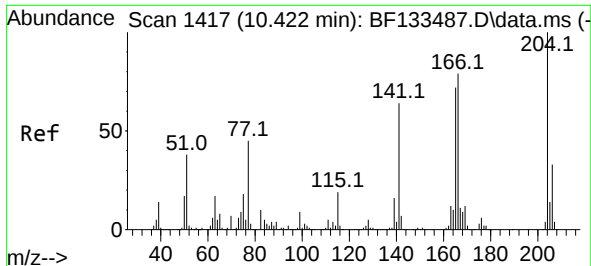


#60  
Diethylphthalate  
Concen: 41.013 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



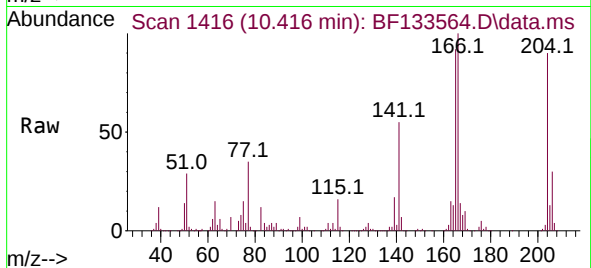
Tgt Ion:149 Resp: 730500  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.1 25.7  
150 12.4 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 40.587 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

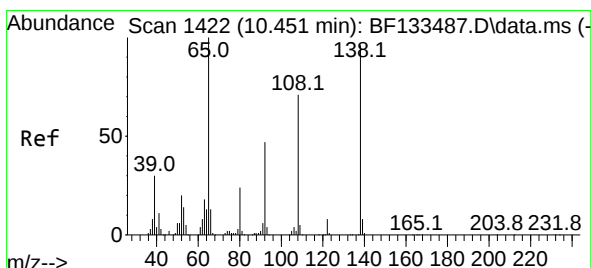
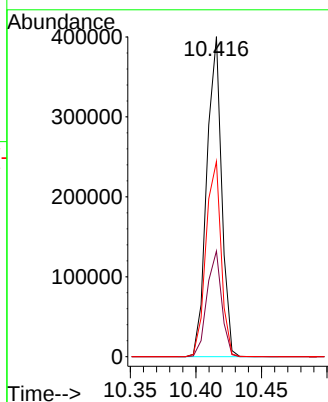
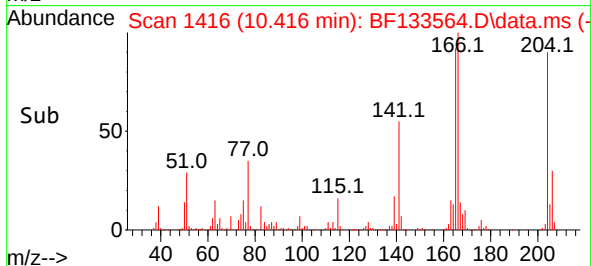
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 31564  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.2 39.2  
141 61.0 51.4 77.2

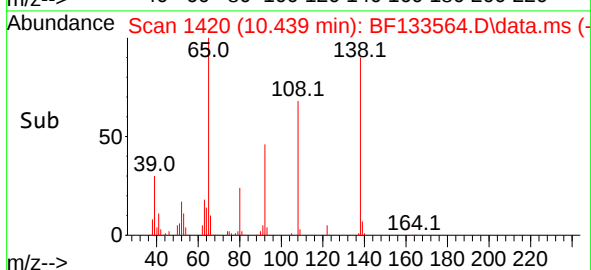
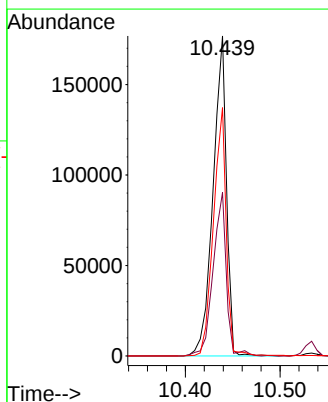
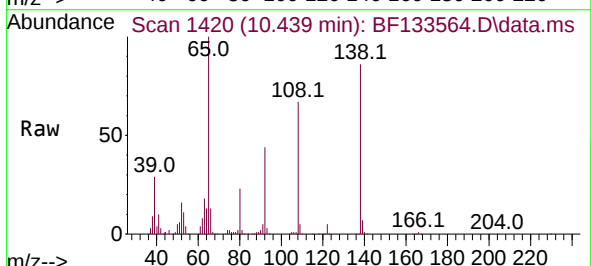
Manual Integrations  
APPROVED

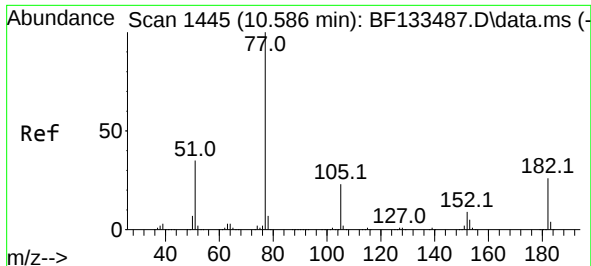
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#62  
4-Nitroaniline  
Concen: 42.522 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion:138 Resp: 173742  
Ion Ratio Lower Upper  
138 100  
92 51.1 28.4 68.4  
108 77.6 54.2 94.2





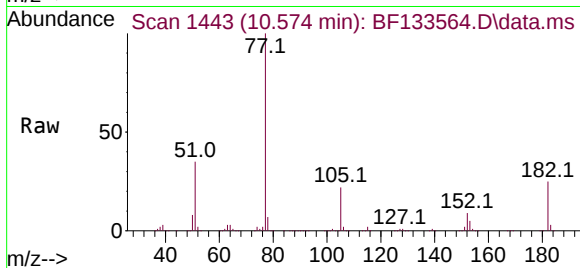
#63  
Azobenzene  
Concen: 39.073 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

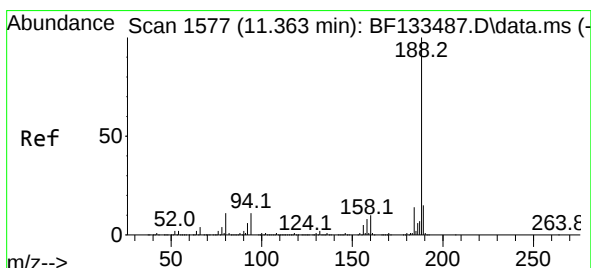
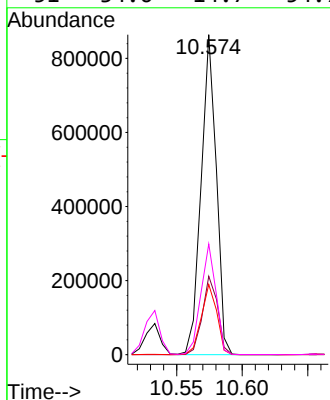
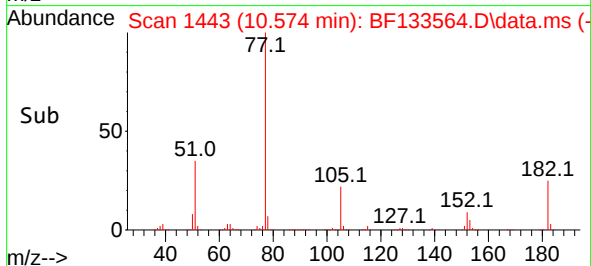


Tgt Ion: 77 Resp: 69664  
Ion Ratio Lower Upper  
77 100  
182 24.5 5.6 45.6  
105 22.0 2.6 42.6  
51 34.6 14.7 54.7

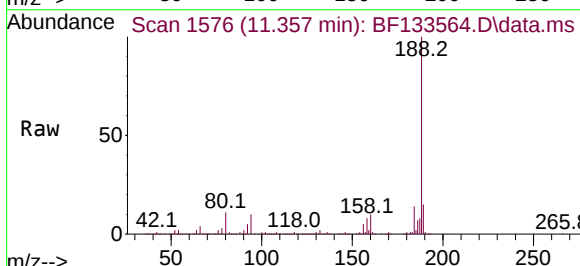
Manual Integrations

APPROVED

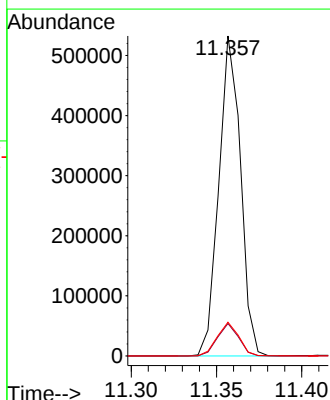
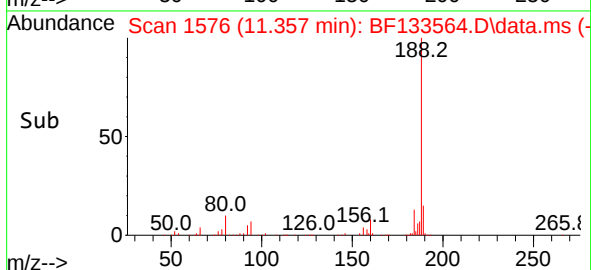
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

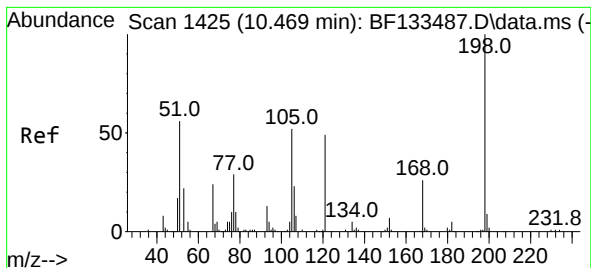


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:188 Resp: 471183  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.6 12.8  
80 10.6 9.2 13.8





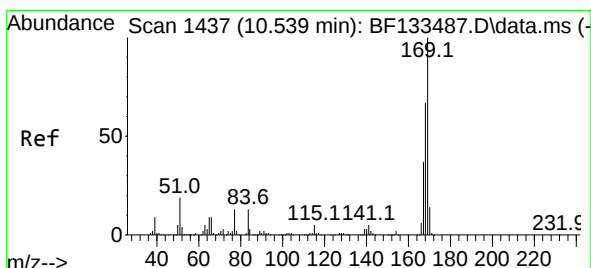
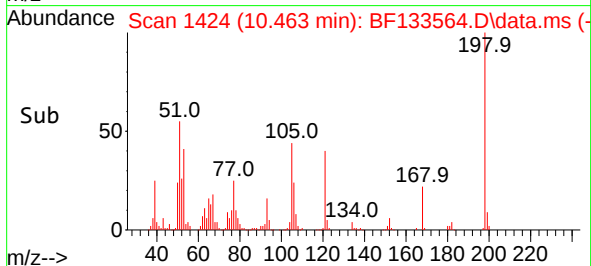
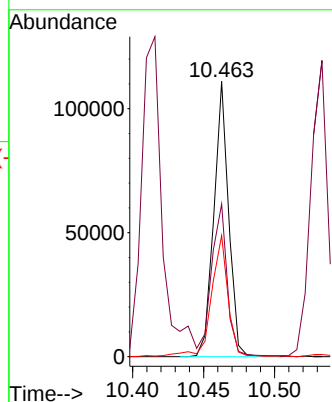
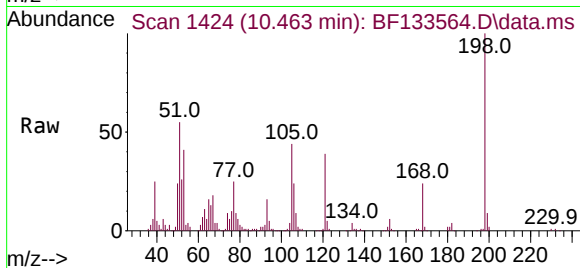
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.772 ng  
RT: 10.463 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 80180  
Ion Ratio Lower Upper  
198 100  
51 55.5 53.6 93.6  
105 44.0 35.9 75.9

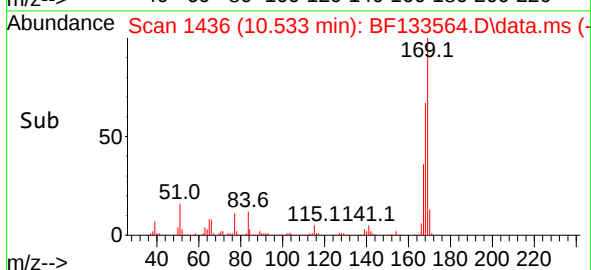
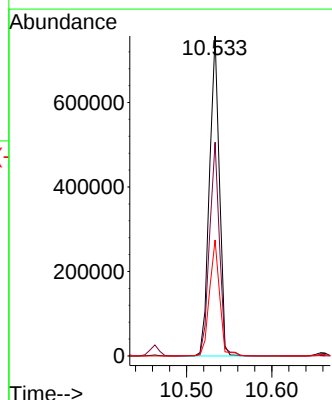
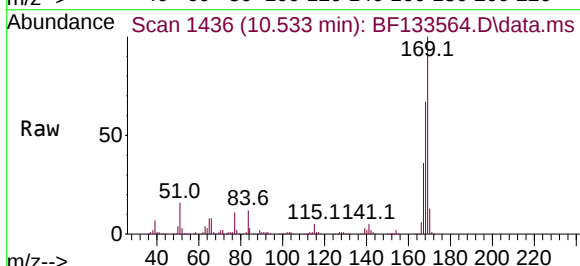
Manual Integrations  
APPROVED

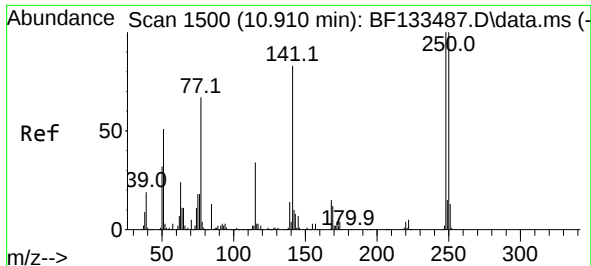
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#66  
n-Nitrosodiphenylamine  
Concen: 40.010 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

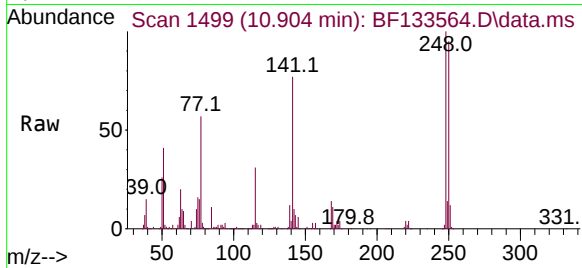
Tgt Ion:169 Resp: 612033  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.7 80.5  
167 36.3 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 41.416 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

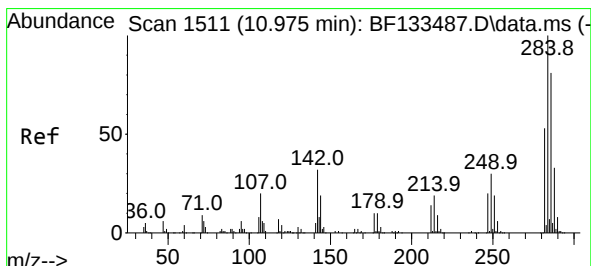
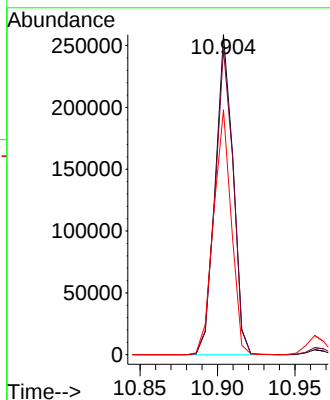
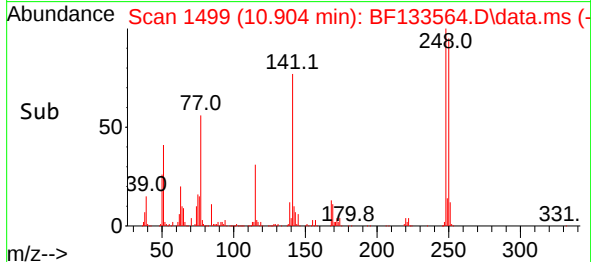
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



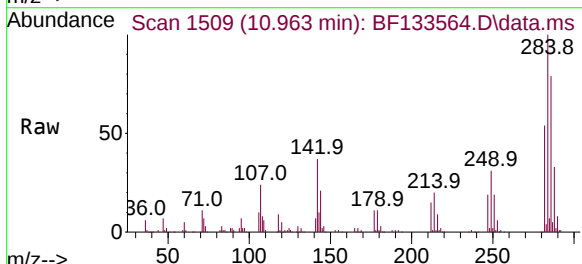
Tgt Ion:248 Resp: 207240  
Ion Ratio Lower Upper  
248 100  
250 95.5 79.7 119.5  
141 76.6 66.6 100.0

Manual Integrations  
APPROVED

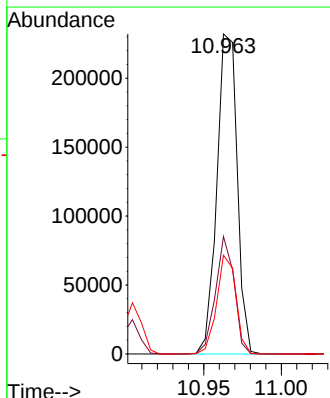
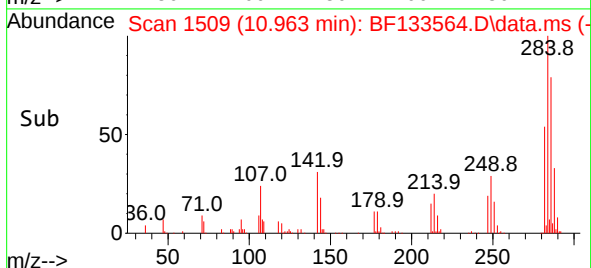
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

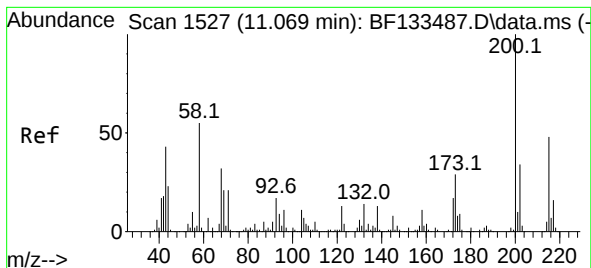


#68  
Hexachlorobenzene  
Concen: 40.544 ng  
RT: 10.963 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:284 Resp: 212157  
Ion Ratio Lower Upper  
284 100  
142 36.7 25.8 38.6  
249 30.8 24.4 36.6





#69

Atrazine

Concen: 41.805 ng

RT: 11.057 min Scan# 11057

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

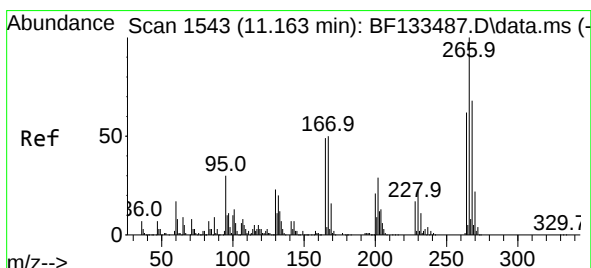
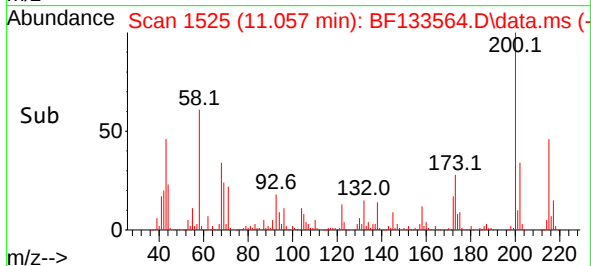
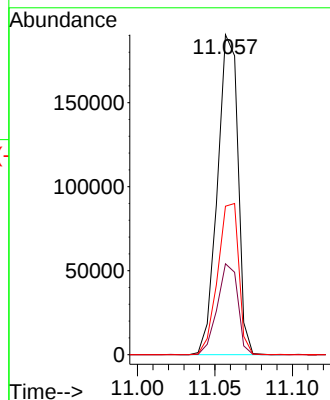
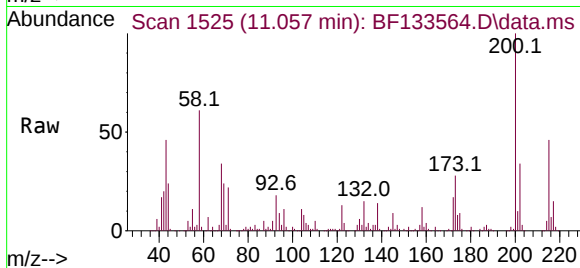
Tgt Ion:200 Resp: 175464  
 Ion Ratio Lower Upper  
 200 100  
 173 28.4 9.0 49.0  
 215 46.4 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#70

Pentachlorophenol

Concen: 42.707 ng

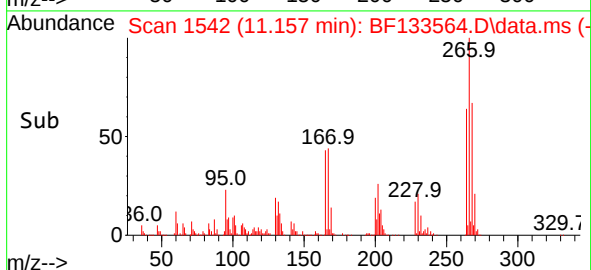
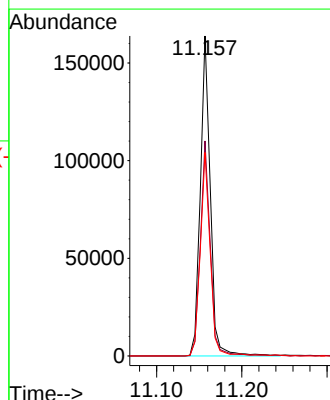
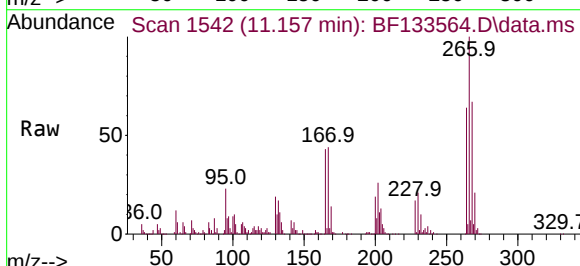
RT: 11.157 min Scan# 1542

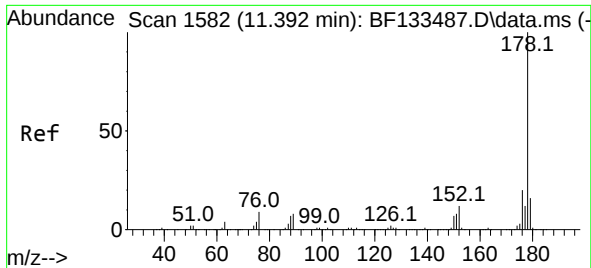
Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:266 Resp: 133626  
 Ion Ratio Lower Upper  
 266 100  
 268 67.2 54.6 82.0  
 264 63.6 49.2 73.8





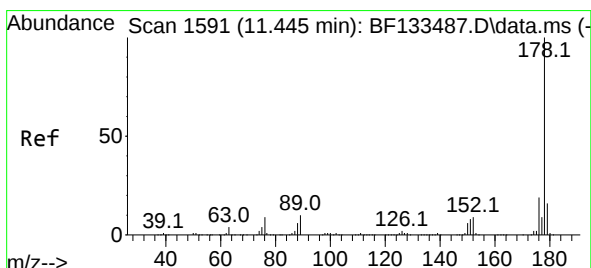
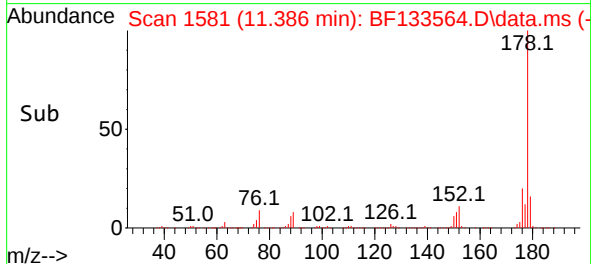
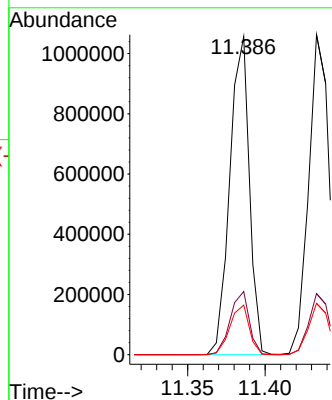
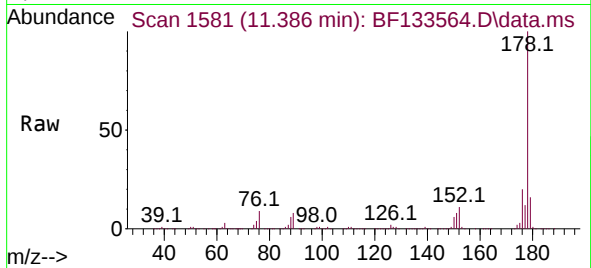
#71  
Phenanthrene  
Concen: 38.905 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 928460  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.6 23.4  
179 15.6 12.4 18.6

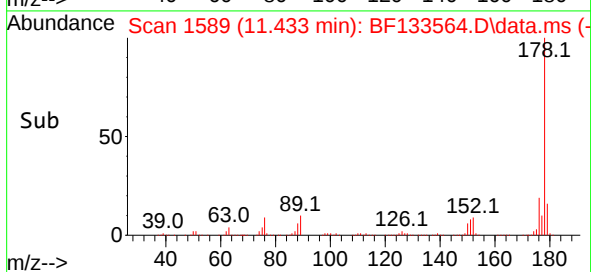
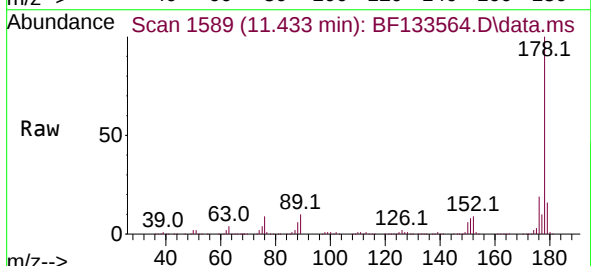
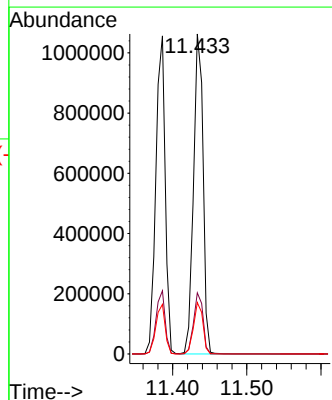
Manual Integrations  
APPROVED

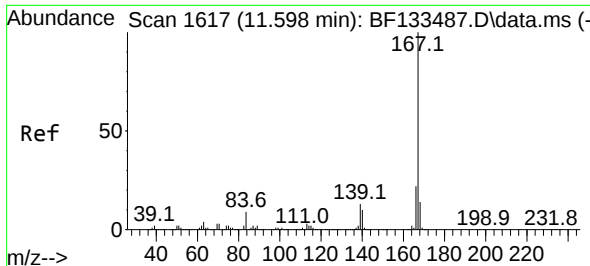
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#72  
Anthracene  
Concen: 38.906 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

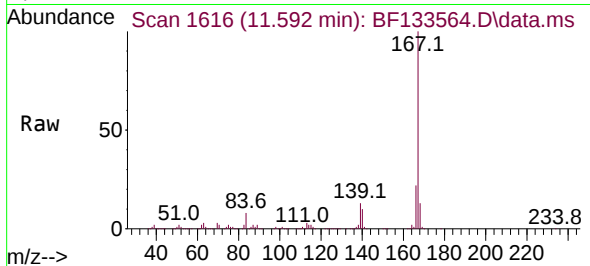
Tgt Ion:178 Resp: 955600  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 16.1 12.6 18.8





#73  
 Carbazole  
 Concen: 38.563 ng  
 RT: 11.592 min Scan# 1616  
 Delta R.T. 0.000 min  
 Lab File: BF133564.D  
 Acq: 05 Jun 2023 12:53

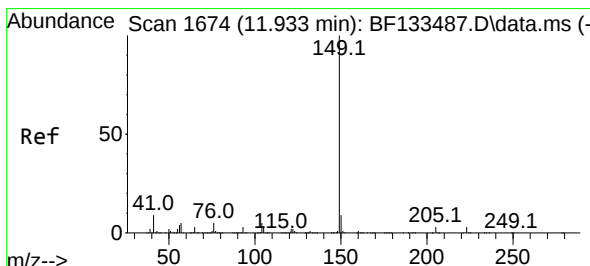
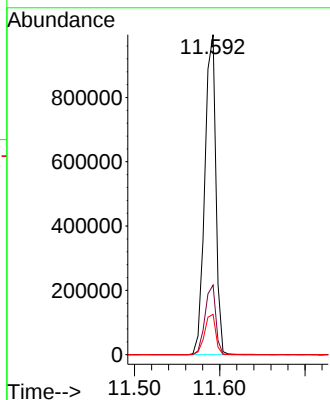
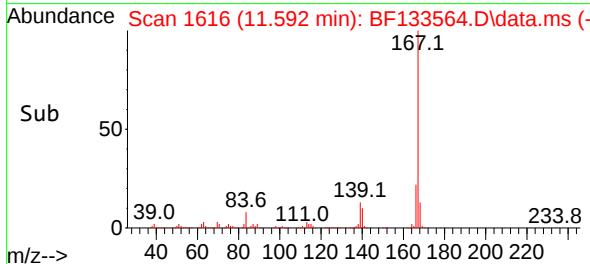
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



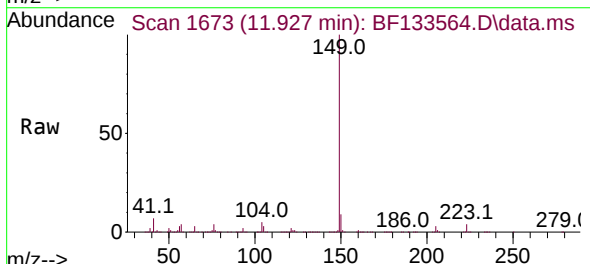
Tgt Ion:167 Resp: 895740  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.3 25.9  
 139 12.6 10.7 16.1

Manual Integrations  
 APPROVED

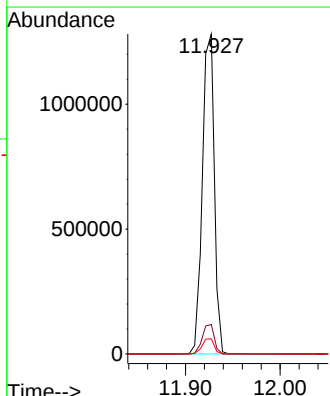
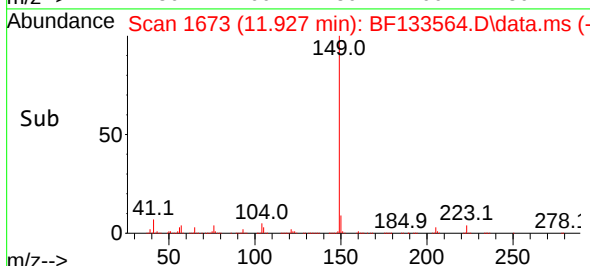
Reviewed By :Yogesh Patel 06/06/2023  
 Supervised By :mohammad ahmed 06/08/2023

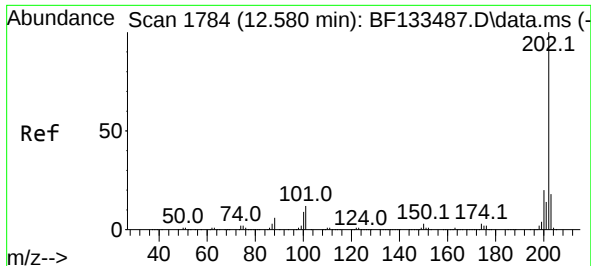


#74  
 Di-n-butylphthalate  
 Concen: 41.039 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. 0.000 min  
 Lab File: BF133564.D  
 Acq: 05 Jun 2023 12:53



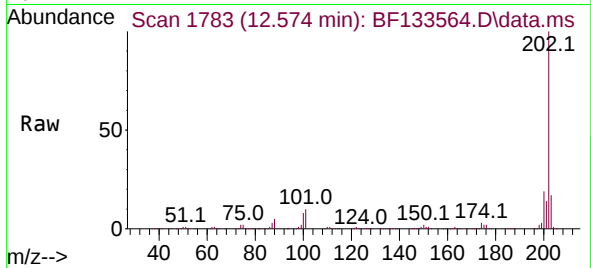
Tgt Ion:149 Resp: 1127207  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.2  
 104 4.7 3.9 5.9





#75  
Fluoranthene  
Concen: 34.905 ng  
RT: 12.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

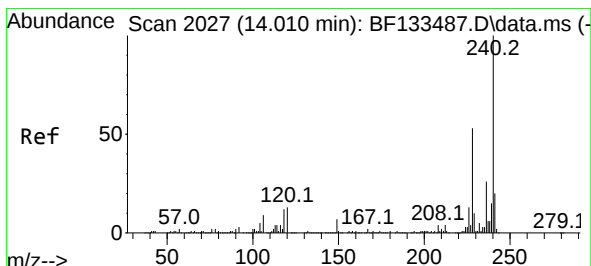
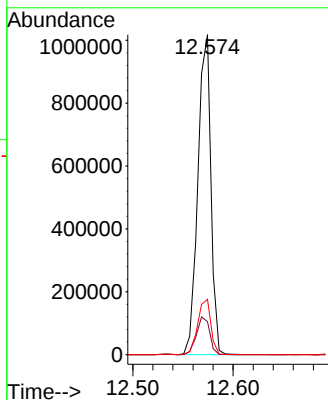
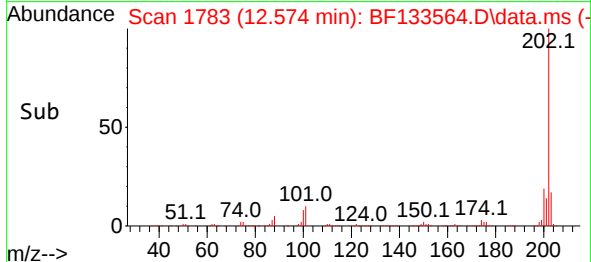
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



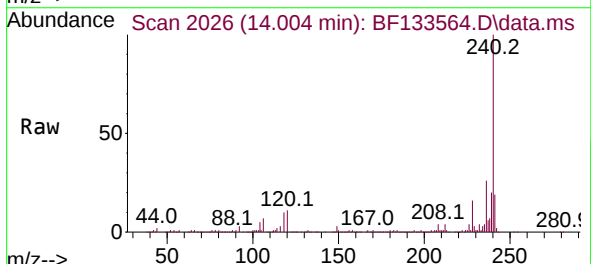
Tgt Ion:202 Resp: 920135  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 32.2  
203 17.3 0.0 37.8

Manual Integrations  
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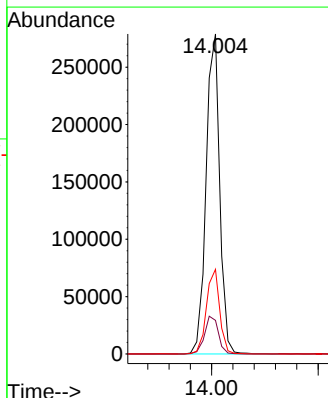
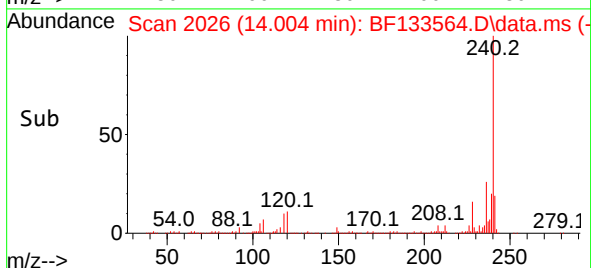
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

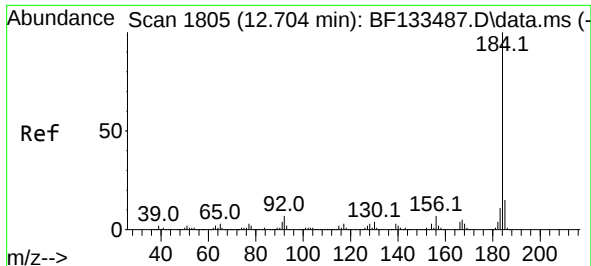


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



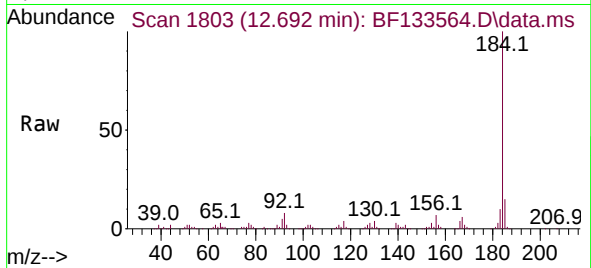
Tgt Ion:240 Resp: 247744  
Ion Ratio Lower Upper  
240 100  
120 10.5 10.3 15.5  
236 26.5 20.5 30.7





#77  
Benzidine  
Concen: 28.629 ng m  
RT: 12.692 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

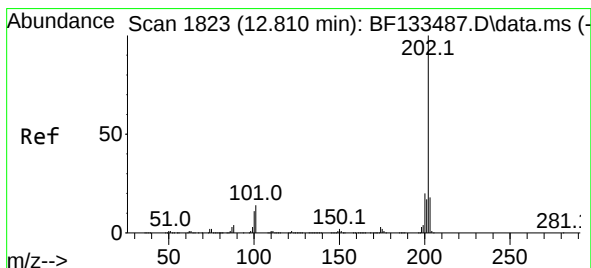
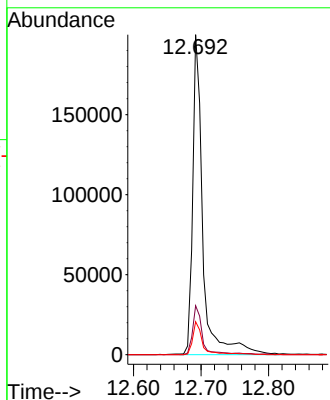
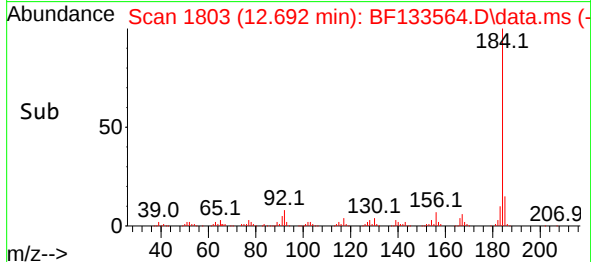
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 207440  
Ion Ratio Lower Upper  
184 100  
185 15.3 12.2 18.2  
183 10.3 8.7 13.1

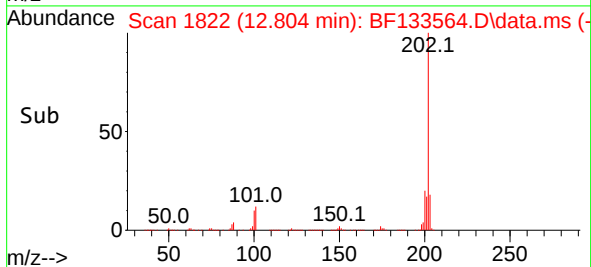
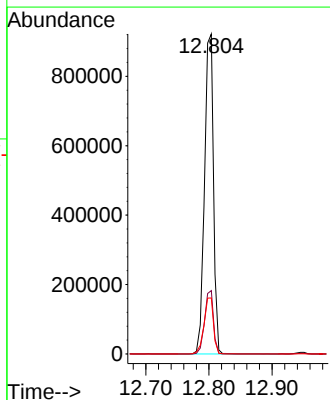
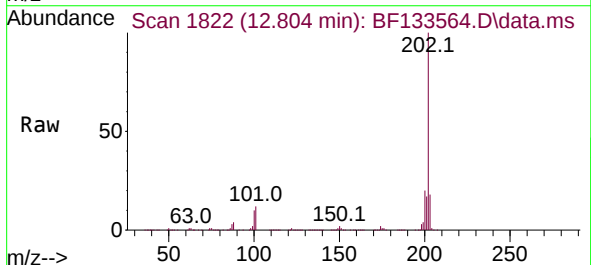
Manual Integrations  
APPROVED

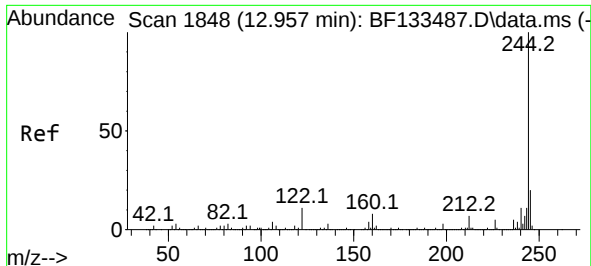
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023



#78  
Pyrene  
Concen: 43.258 ng  
RT: 12.804 min Scan# 1822  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Tgt Ion:202 Resp: 911953  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.3 24.5  
203 17.5 14.3 21.5





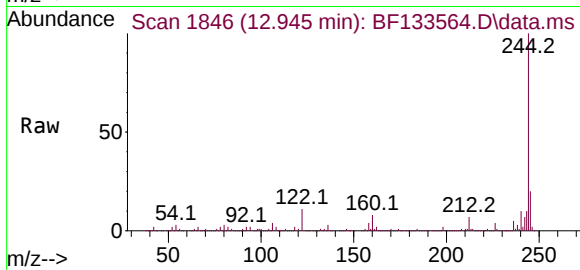
#79  
 Terphenyl-d14  
 Concen: 90.145 ng  
 RT: 12.945 min Scan# 1846  
 Delta R.T. 0.000 min  
 Lab File: BF133564.D  
 Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

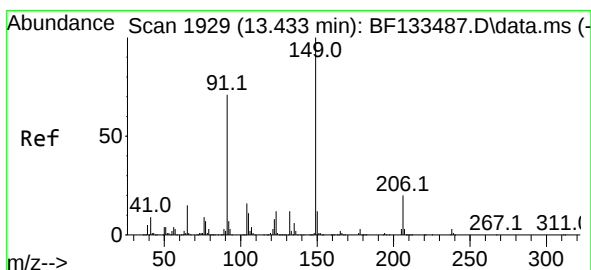
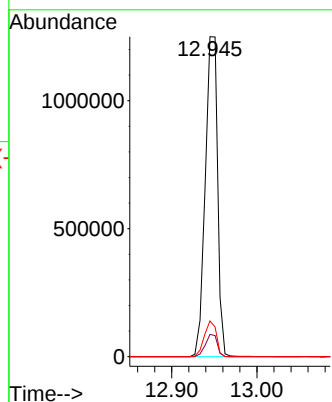
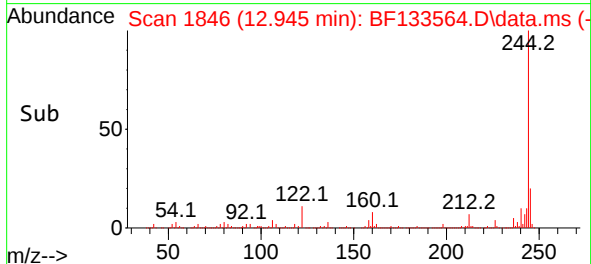


Tgt Ion:244 Resp: 1256072  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 11.2 8.5 12.7

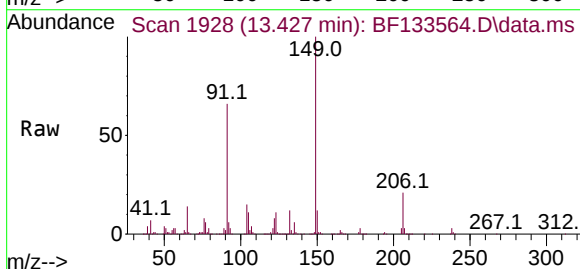
Manual Integrations

APPROVED

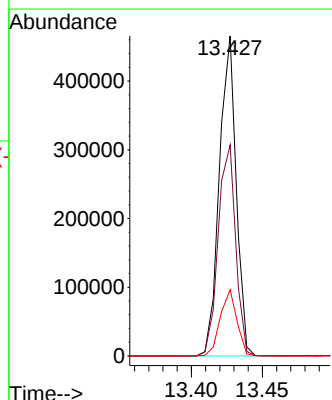
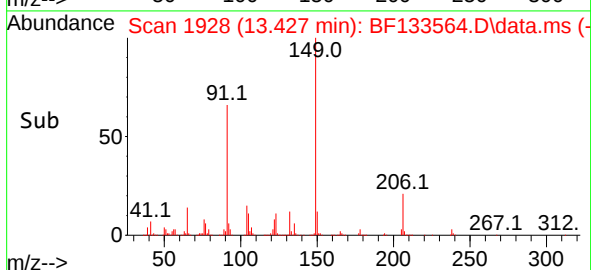
Reviewed By :Yogesh Patel 06/06/2023  
 Supervised By :mohammad ahmed 06/08/2023

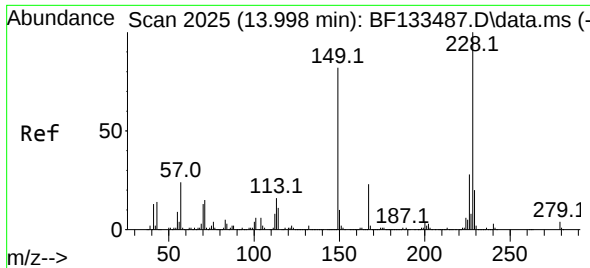


#80  
 Butylbenzylphthalate  
 Concen: 45.876 ng  
 RT: 13.427 min Scan# 1928  
 Delta R.T. 0.000 min  
 Lab File: BF133564.D  
 Acq: 05 Jun 2023 12:53



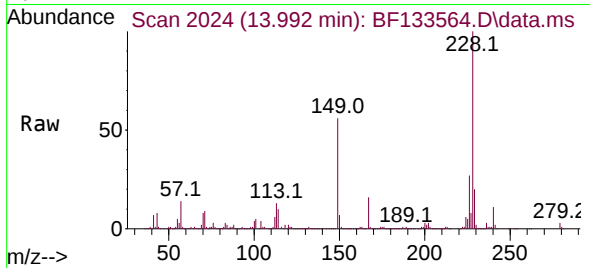
Tgt Ion:149 Resp: 382663  
 Ion Ratio Lower Upper  
 149 100  
 91 66.0 56.9 85.3  
 206 20.7 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 40.111 ng  
RT: 13.992 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

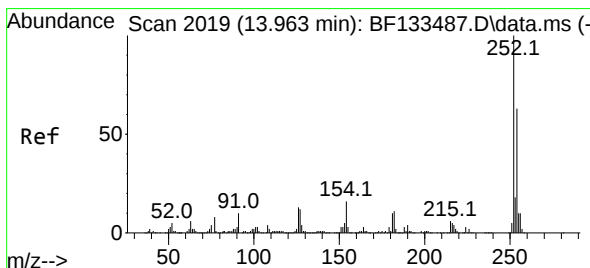
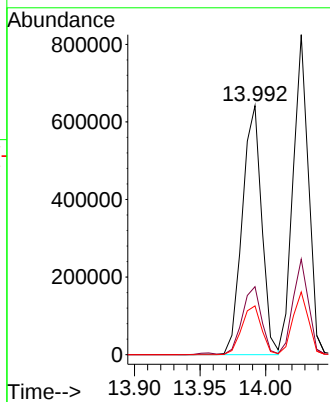
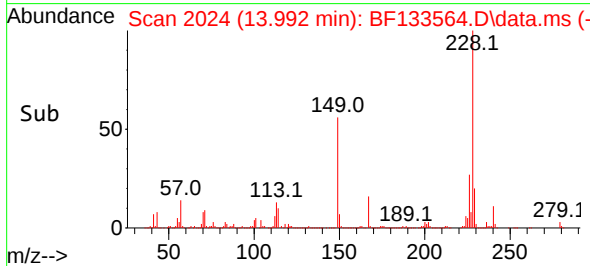
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



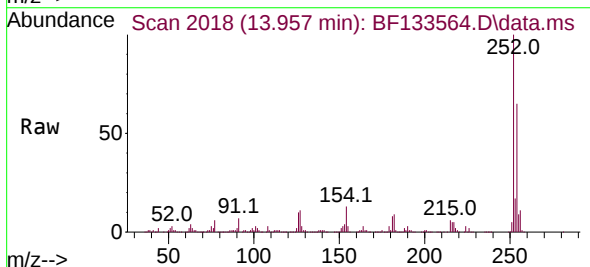
Tgt Ion:228 Resp: 66198  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.3 33.5  
229 19.6 16.1 24.1

Manual Integrations  
APPROVED

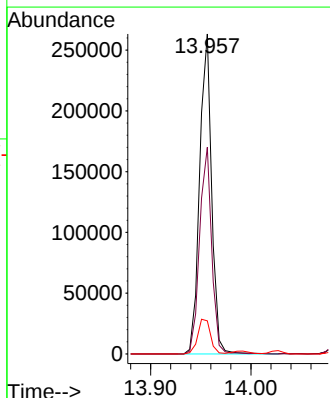
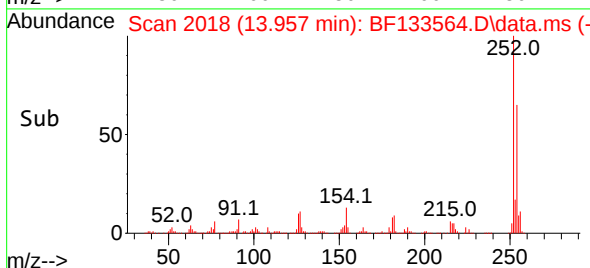
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

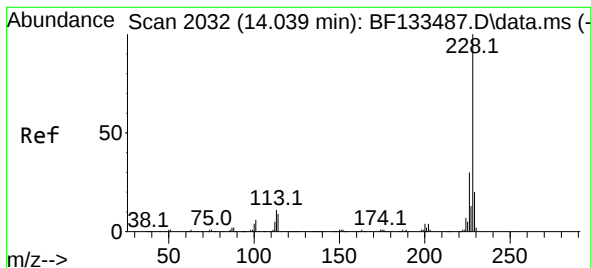


#82  
3,3'-Dichlorobenzidine  
Concen: 42.620 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:252 Resp: 219885  
Ion Ratio Lower Upper  
252 100  
254 64.6 50.3 75.5  
126 10.4 10.5 15.7#





#83

Chrysene

Concen: 40.578 ng

RT: 14.027 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 67606

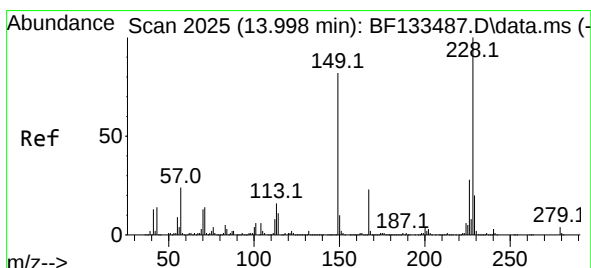
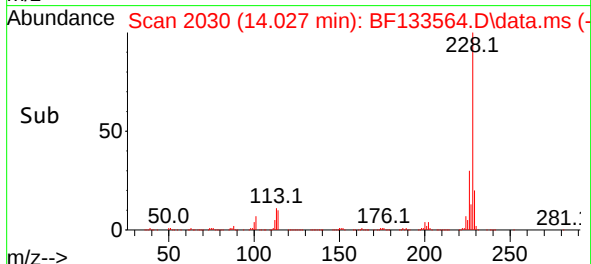
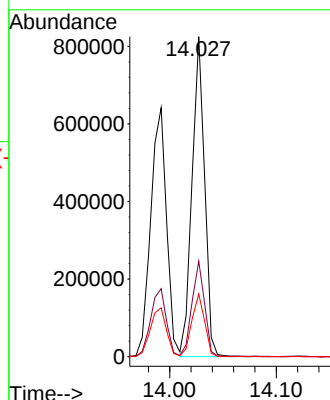
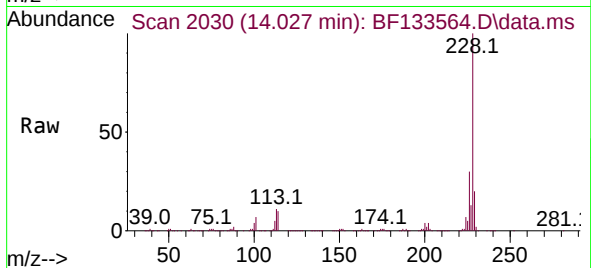
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.8  | 24.1  | 36.1  |
| 229 | 19.6  | 15.8  | 23.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.441 ng

RT: 13.986 min Scan# 2023

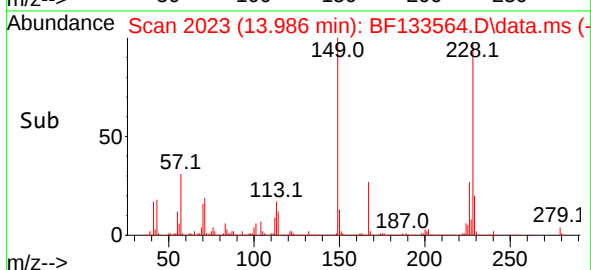
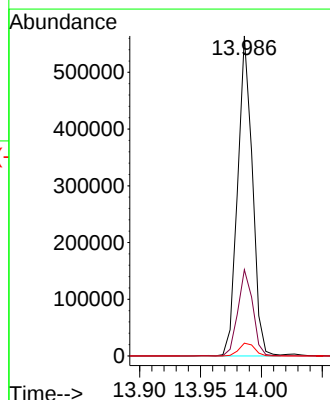
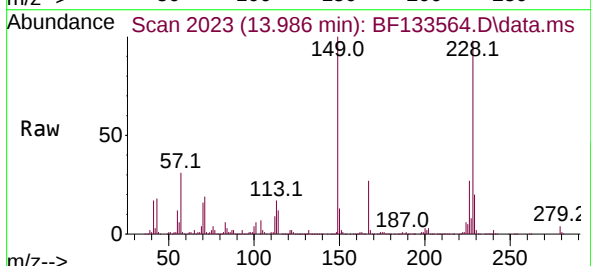
Delta R.T. 0.000 min

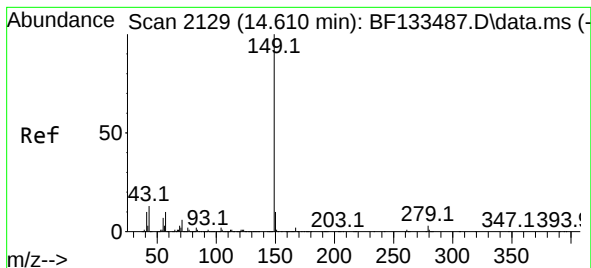
Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:149 Resp: 473787

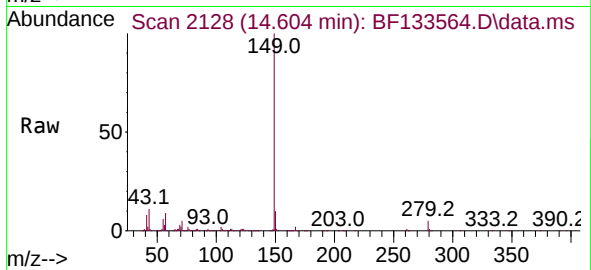
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.9  | 22.0  | 33.0  |
| 279 | 4.0   | 3.6   | 5.4   |





#85  
Di-n-octyl phthalate  
Concen: 44.813 ng  
RT: 14.604 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

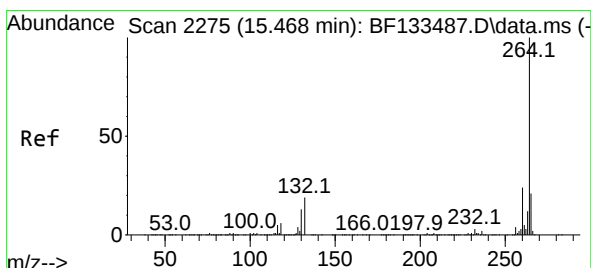
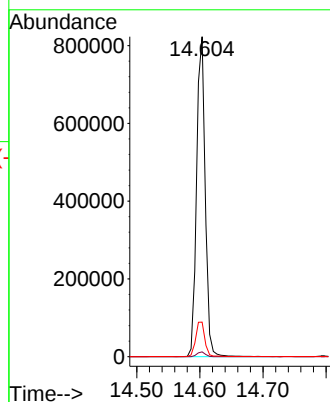
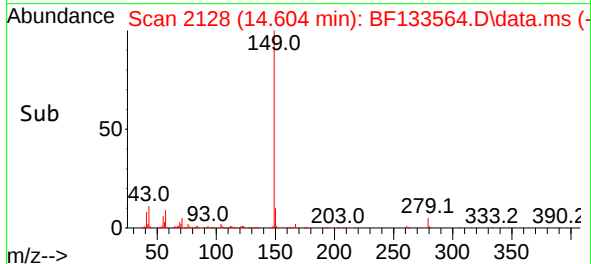
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



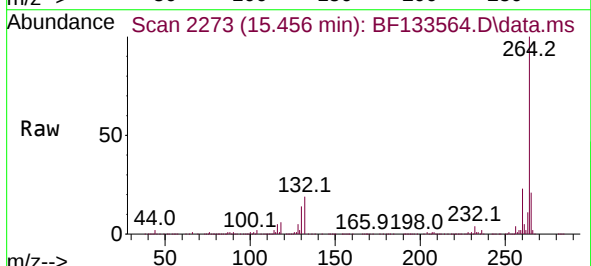
Tgt Ion:149 Resp: 77833  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.7 10.0 15.0

Manual Integrations  
APPROVED

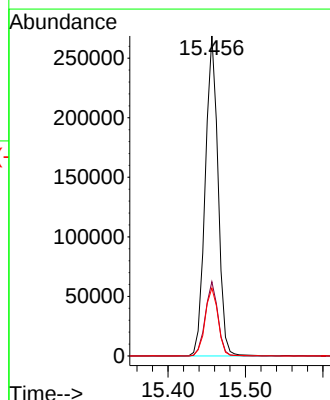
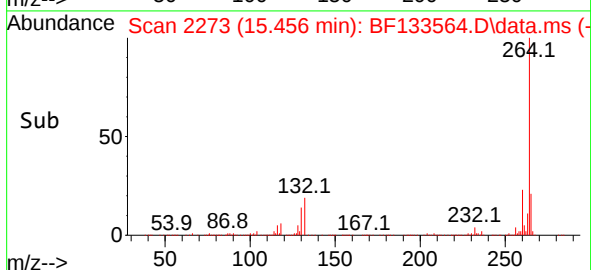
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

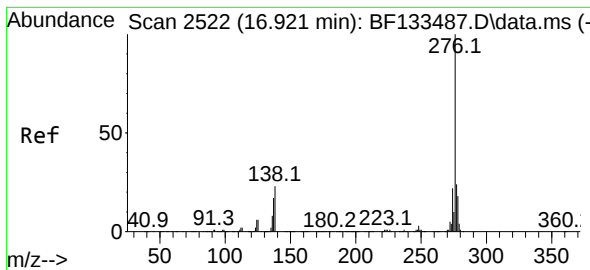


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.456 min Scan# 2273  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:264 Resp: 307678  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.0 28.4  
265 21.2 16.8 25.2





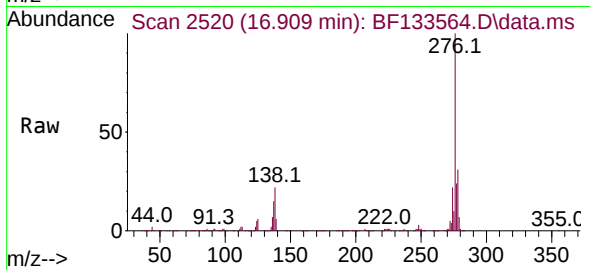
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.694 ng  
RT: 16.909 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

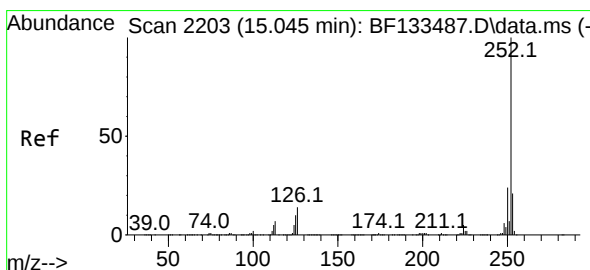
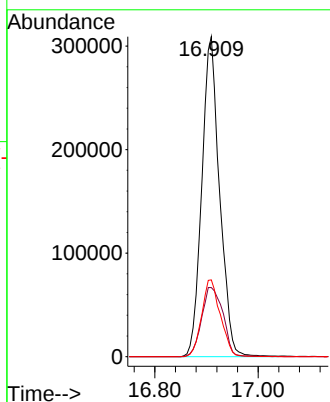
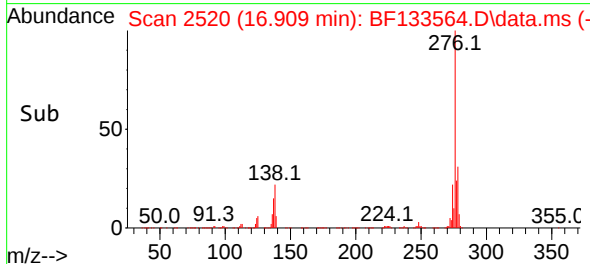


Tgt Ion:276 Resp: 73874  
Ion Ratio Lower Upper  
276 100  
138 25.9 21.4 32.2  
277 25.3 20.0 30.0

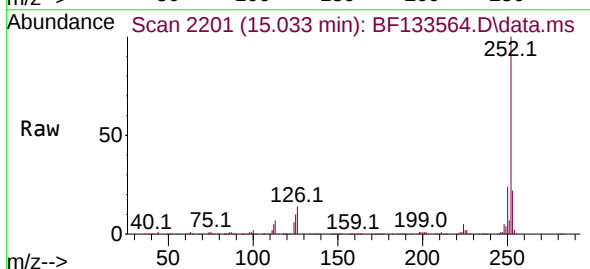
Manual Integrations

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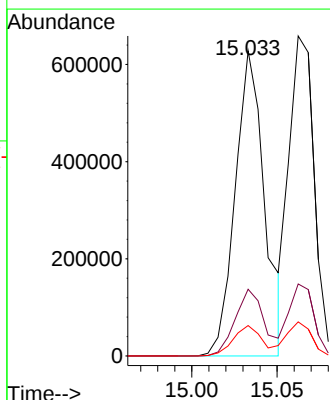
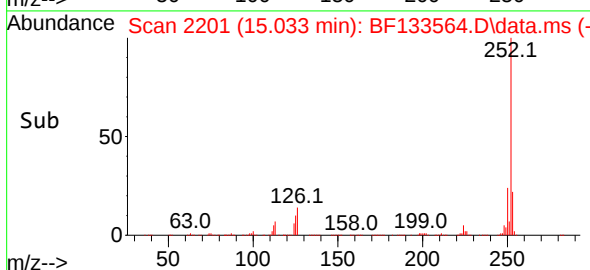
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

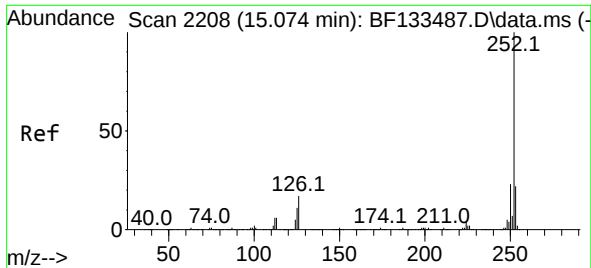


#88  
Benzo(b)fluoranthene  
Concen: 37.576 ng  
RT: 15.033 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



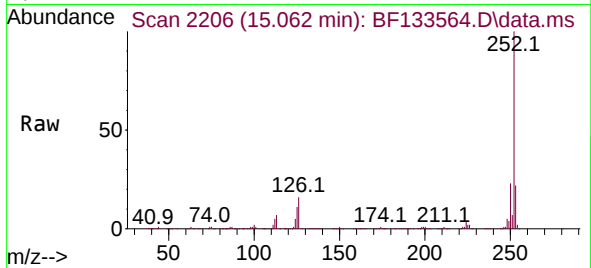
Tgt Ion:252 Resp: 752844  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 10.0 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 34.866 ng  
RT: 15.062 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53

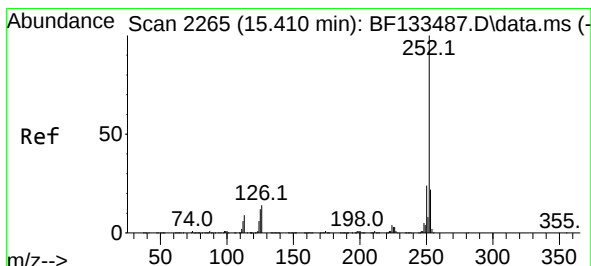
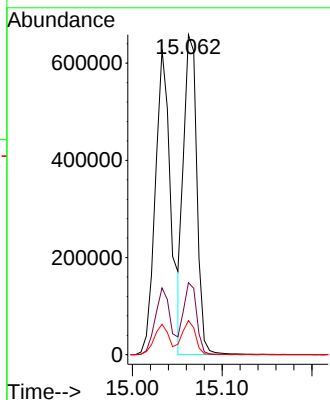
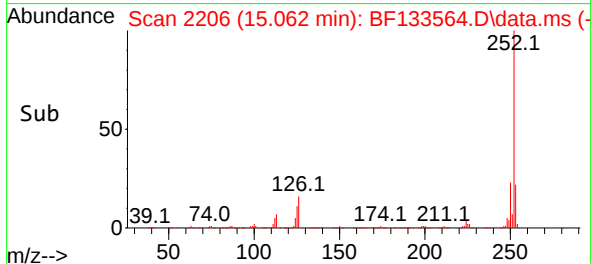
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



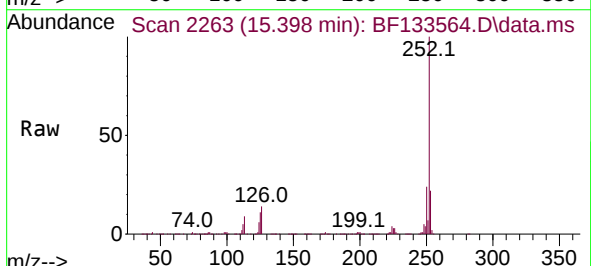
Tgt Ion:252 Resp: 681128  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 10.7 8.3 12.5

Manual Integrations  
APPROVED

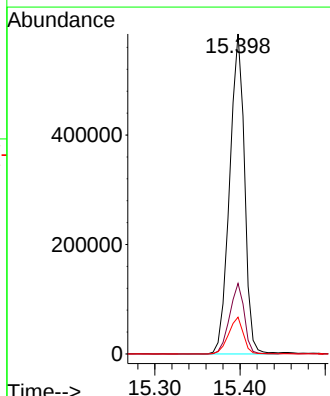
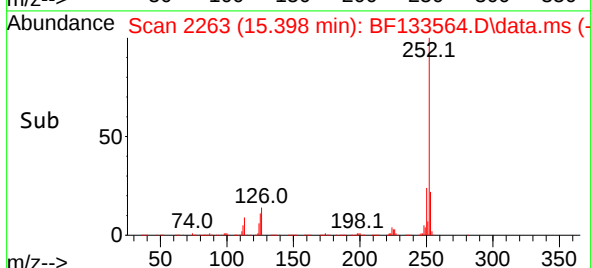
Reviewed By :Yogesh Patel 06/06/2023  
Supervised By :mohammad ahmed 06/08/2023

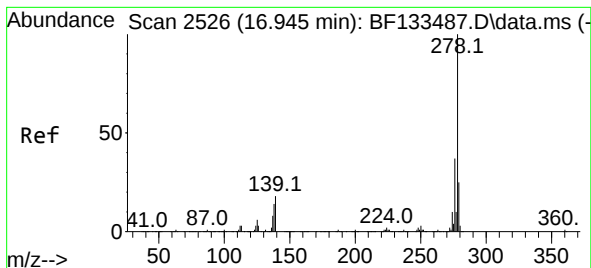


#90  
Benzo(a)pyrene  
Concen: 38.919 ng  
RT: 15.398 min Scan# 2263  
Delta R.T. 0.000 min  
Lab File: BF133564.D  
Acq: 05 Jun 2023 12:53



Tgt Ion:252 Resp: 709524  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 11.5 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 39.604 ng

RT: 16.927 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 629300

Ion Ratio Lower Upper

278 100

139 17.2 14.1 21.1

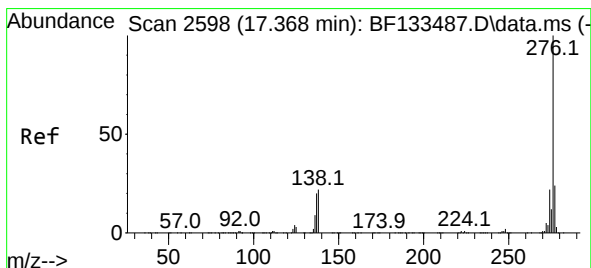
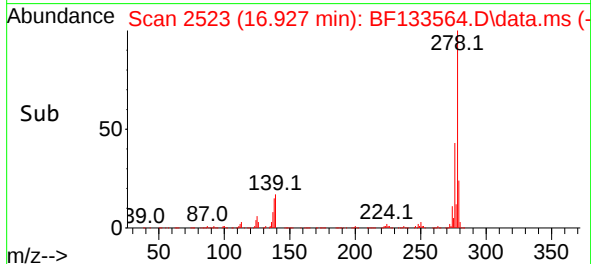
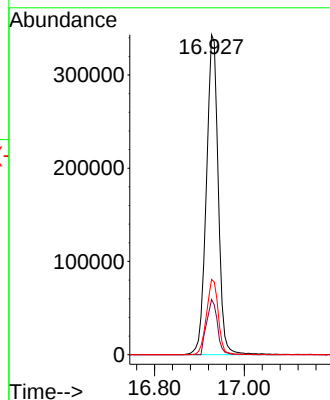
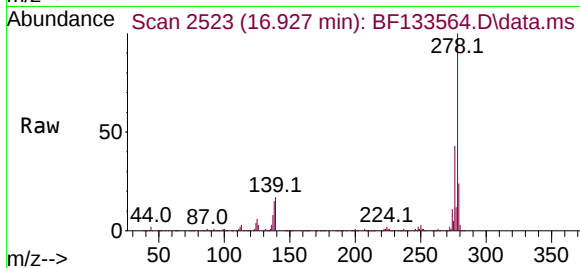
279 23.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#92

Benzo(g,h,i)perylene

Concen: 34.962 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.000 min

Lab File: BF133564.D

Acq: 05 Jun 2023 12:53

Tgt Ion:276 Resp: 560172

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 22.1 17.8 26.6

