

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110623\  
 Data File : BF136149.D  
 Acq On : 06 Nov 2023 12:01  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 12:43:16 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 06 00:53:35 2023

Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

## Internal Standards

|                           |        |     |        |        |    |      |
|---------------------------|--------|-----|--------|--------|----|------|
| 1) 1,4-Dichlorobenzene-d4 | 6.822  | 152 | 106195 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8        | 8.098  | 136 | 409921 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10      | 9.863  | 164 | 211105 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10      | 11.351 | 188 | 390010 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12          | 14.010 | 240 | 198566 | 20.000 | ng | 0.00 |
| 86) Perylene-d12          | 15.492 | 264 | 195040 | 20.000 | ng | 0.00 |

11/08/2023

Supervised By :mohammad  
ahmed

11/08/2023

## System Monitoring Compounds

|                          |        |     |         |        |    |      |
|--------------------------|--------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.445  | 112 | 524312  | 77.584 | ng | 0.00 |
| 7) Phenol-d6             | 6.457  | 99  | 654074  | 77.681 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.386  | 82  | 591995  | 87.058 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.651 | 330 | 194187  | 86.179 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.180  | 172 | 1119944 | 84.569 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.951 | 244 | 1207980 | 94.540 | ng | 0.00 |

## Target Compounds

|                               |       |     |         |        |    | Qvalue |
|-------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                | 2.569 | 88  | 108702  | 36.939 | ng | 98     |
| 3) Pyridine                   | 3.328 | 79  | 293523  | 36.543 | ng | 98     |
| 4) n-Nitrosodimethylamine     | 3.299 | 42  | 134503  | 40.051 | ng | # 86   |
| 6) Aniline                    | 6.487 | 93  | 419724  | 38.502 | ng | 100    |
| 8) 2-Chlorophenol             | 6.604 | 128 | 281535  | 38.966 | ng | 98     |
| 9) Benzaldehyde               | 6.375 | 77  | 186039  | 39.624 | ng | 98     |
| 10) Phenol                    | 6.469 | 94  | 334935m | 38.459 | ng |        |
| 11) bis(2-Chloroethyl)ether   | 6.563 | 93  | 258223  | 37.874 | ng | 99     |
| 12) 1,3-Dichlorobenzene       | 6.763 | 146 | 294208  | 39.125 | ng | 98     |
| 13) 1,4-Dichlorobenzene       | 6.839 | 146 | 296432  | 39.335 | ng | 99     |
| 14) 1,2-Dichlorobenzene       | 6.992 | 146 | 278143  | 39.472 | ng | 99     |
| 15) Benzyl Alcohol            | 6.963 | 79  | 246829  | 41.343 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098 | 45  | 344436  | 36.703 | ng | 98     |
| 17) 2-Methylphenol            | 7.075 | 107 | 236679  | 38.615 | ng | 96     |
| 18) Hexachloroethane          | 7.334 | 117 | 108419  | 40.932 | ng | 91     |
| 19) n-Nitroso-di-n-propyla... | 7.239 | 70  | 184522  | 38.354 | ng | 97     |
| 20) 3+4-Methylphenols         | 7.228 | 107 | 291175  | 38.958 | ng | 96     |
| 22) Acetophenone              | 7.234 | 105 | 370886  | 40.803 | ng | # 94   |
| 24) Nitrobenzene              | 7.404 | 77  | 291195  | 42.335 | ng | 93     |
| 25) Isophorone                | 7.639 | 82  | 517665  | 40.324 | ng | 98     |
| 26) 2-Nitrophenol             | 7.716 | 139 | 144805  | 46.142 | ng | 90     |
| 27) 2,4-Dimethylphenol        | 7.757 | 122 | 240398  | 40.538 | ng | 97     |
| 28) bis(2-Chloroethoxy)met... | 7.857 | 93  | 309645  | 39.366 | ng | 98     |
| 29) 2,4-Dichlorophenol        | 7.957 | 162 | 234563  | 41.957 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene    | 8.045 | 180 | 253433  | 41.555 | ng | 98     |
| 31) Naphthalene               | 8.122 | 128 | 814849  | 41.222 | ng | 100    |
| 32) Benzoic acid              | 7.875 | 122 | 170151m | 37.115 | ng |        |
| 33) 4-Chloroaniline           | 8.175 | 127 | 349746  | 40.402 | ng | 98     |
| 34) Hexachlorobutadiene       | 8.239 | 225 | 152376  | 43.567 | ng | 98     |
| 35) Caprolactam               | 8.551 | 113 | 73929   | 40.669 | ng | 94     |
| 36) 4-Chloro-3-methylphenol   | 8.651 | 107 | 249498  | 42.509 | ng | 94     |
| 37) 2-Methylnaphthalene       | 8.816 | 142 | 551042  | 41.575 | ng | 100    |
| 38) 1-Methylnaphthalene       | 8.916 | 142 | 510359  | 41.376 | ng | 99     |
| 40) 1,2,4,5-Tetrachloroben... | 8.980 | 216 | 253664  | 42.133 | ng | 99     |
| 41) Hexachlorocyclopentadiene | 8.969 | 237 | 135960  | 42.270 | ng | 99     |
| 43) 2,4,6-Trichlorophenol     | 9.092 | 196 | 162617  | 41.426 | ng | 99     |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 06 12:43:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 06 00:53:35 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023  
 Supervised By :mohammad ahmed 11/08/2023

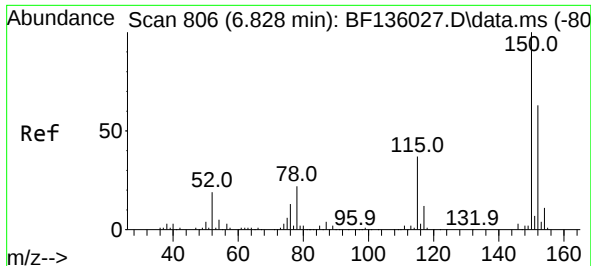
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                  |
|-------------------------------|--------|------|----------|--------|-------|----------|----------------------------------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 192901   | 42.422 | ng    | 94       | 11/08/2023                       |
| 46) 1,1'-Biphenyl             | 9.280  | 154  | 670248   | 41.649 | ng    | 99       | Supervised By :mohammad<br>ahmed |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 496230   | 41.828 | ng    | 98       |                                  |
| 48) 2-Nitroaniline            | 9.404  | 65   | 161572   | 46.019 | ng    | 96       |                                  |
| 49) Acenaphthylene            | 9.722  | 152  | 774218   | 41.832 | ng    | 99       |                                  |
| 50) Dimethylphthalate         | 9.586  | 163  | 588651   | 42.274 | ng    | 99       |                                  |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 133821   | 44.933 | ng    | # 87     | 11/08/2023                       |
| 52) Acenaphthene              | 9.898  | 154  | 485219m  | 41.241 | ng    |          |                                  |
| 53) 3-Nitroaniline            | 9.816  | 138  | 148138   | 42.629 | ng    | 92       |                                  |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 58387    | 40.543 | ng    | # 83     |                                  |
| 55) Dibenzofuran              | 10.069 | 168  | 720281   | 41.985 | ng    | 97       |                                  |
| 56) 4-Nitrophenol             | 9.969  | 139  | 107453   | 41.338 | ng    | # 79     |                                  |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 175900   | 46.681 | ng    | 97       |                                  |
| 58) Fluorene                  | 10.410 | 166  | 546387   | 42.537 | ng    | 99       |                                  |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 152953   | 42.309 | ng    | # 99     |                                  |
| 60) Diethylphthalate          | 10.292 | 149  | 598887   | 45.013 | ng    | 99       |                                  |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 270989   | 42.264 | ng    | 93       |                                  |
| 62) 4-Nitroaniline            | 10.433 | 138  | 139654   | 41.735 | ng    | 92       |                                  |
| 63) Azobenzene                | 10.569 | 77   | 537832   | 41.975 | ng    | 98       |                                  |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 89386    | 42.470 | ng    | 81       |                                  |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 486754   | 41.373 | ng    | 98       |                                  |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 176883   | 43.259 | ng    | 93       |                                  |
| 68) Hexachlorobenzene         | 10.957 | 284  | 185619   | 42.504 | ng    | # 91     |                                  |
| 69) Atrazine                  | 11.057 | 200  | 125652   | 39.253 | ng    | 97       |                                  |
| 70) Pentachlorophenol         | 11.151 | 266  | 117178   | 41.780 | ng    | 97       |                                  |
| 71) Phenanthrene              | 11.380 | 178  | 816263   | 41.567 | ng    | 98       |                                  |
| 72) Anthracene                | 11.427 | 178  | 854462   | 42.464 | ng    | 99       |                                  |
| 73) Carbazole                 | 11.586 | 167  | 717907   | 41.056 | ng    | 99       |                                  |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 855335   | 42.809 | ng    | 100      |                                  |
| 75) Fluoranthene              | 12.574 | 202  | 824089   | 40.850 | ng    | 96       |                                  |
| 77) Benzidine                 | 12.698 | 184  | 186338   | 48.147 | ng    | 99       |                                  |
| 78) Pyrene                    | 12.804 | 202  | 818091   | 46.731 | ng    | 99       |                                  |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 283135   | 45.182 | ng    | 99       |                                  |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 553743   | 42.124 | ng    | 99       |                                  |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 177330   | 42.265 | ng    | 100      |                                  |
| 83) Chrysene                  | 14.033 | 228  | 529222   | 40.879 | ng    | 100      |                                  |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 309355   | 42.373 | ng    | # 97     |                                  |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 442533   | 40.462 | ng    | 100      |                                  |
| 87) Indeno(1,2,3-cd)pyrene    | 17.009 | 276  | 598585   | 46.959 | ng    | 97       |                                  |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 458674   | 39.743 | ng    | 100      |                                  |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 418081   | 36.613 | ng    | 99       |                                  |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 432865   | 40.367 | ng    | 98       |                                  |
| 91) Dibenzo(a,h)anthracene    | 17.039 | 278  | 492727   | 47.189 | ng    | 96       |                                  |
| 92) Benzo(g,h,i)perylene      | 17.468 | 276  | 497905   | 42.253 | ng    | 98       |                                  |

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

## Manual Integrations

Quant Time: Nov 06 12:43:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 06 00:53:35 2023  
Response via : Initial Calibration





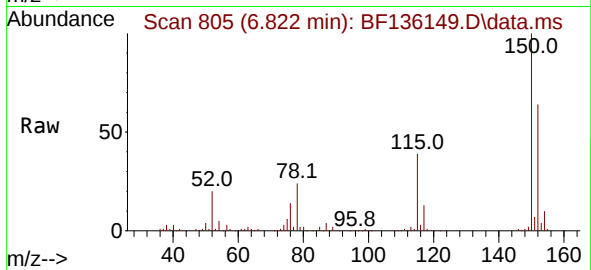
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



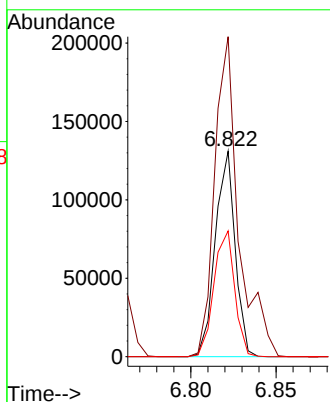
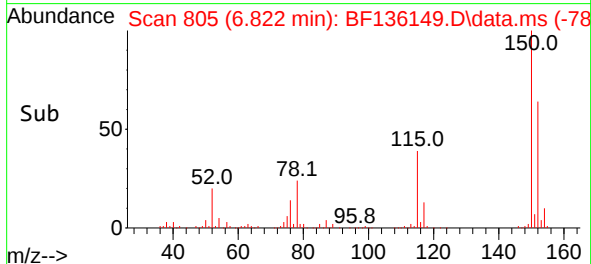
Tgt Ion:152 Resp: 10619  
Ion Ratio Lower Upper  
152 100  
150 155.7 126.4 189.6  
115 61.2 47.0 70.4

Manual Integrations

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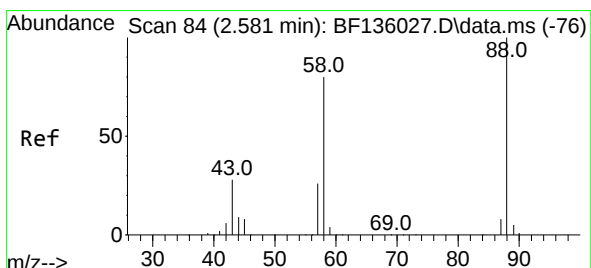
Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023

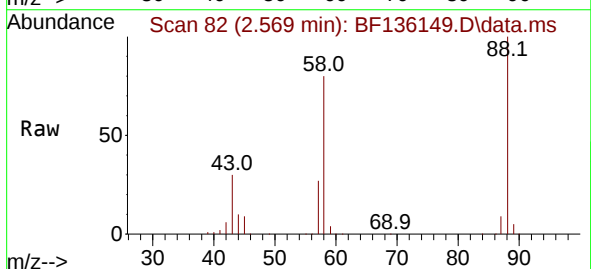


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ahmed

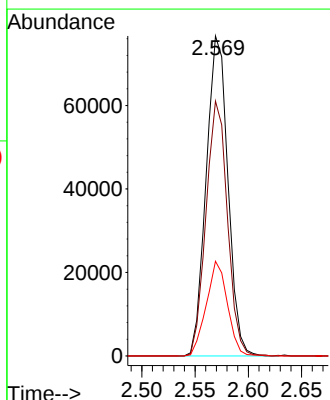
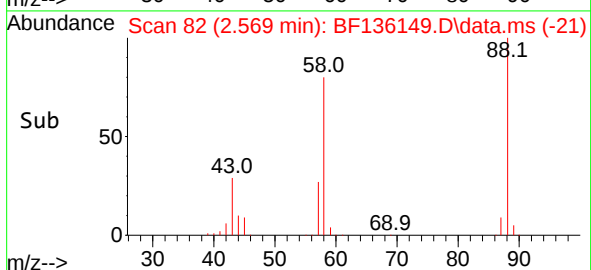
11/08/2023

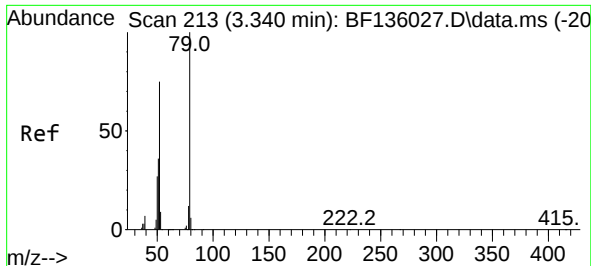


#2  
1,4-Dioxane  
Concen: 36.939 ng  
RT: 2.569 min Scan# 82  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



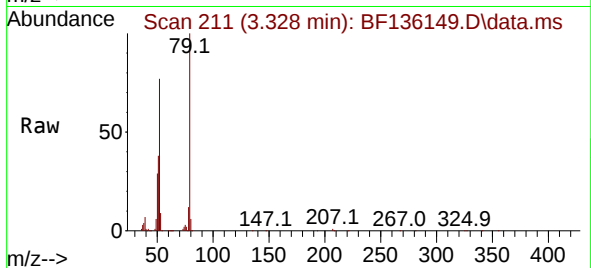
Tgt Ion: 88 Resp: 108702  
Ion Ratio Lower Upper  
88 100  
58 78.3 64.3 96.5  
43 29.0 22.3 33.5





#3  
Pyridine  
Concen: 36.543 ng  
RT: 3.328 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

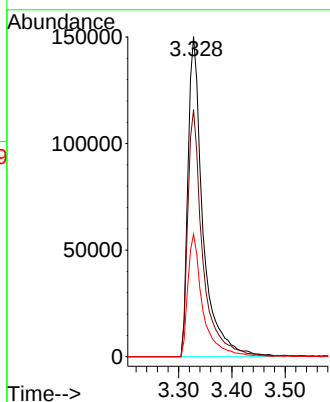
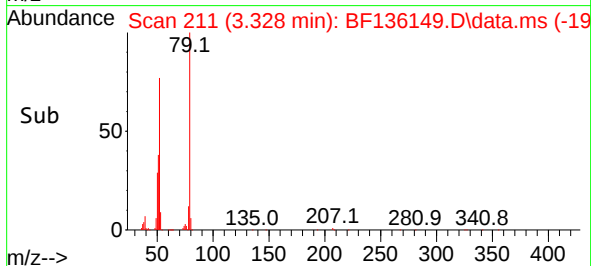
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 29352  
Ion Ratio Lower Upper  
79 100  
52 77.2 60.3 90.5  
51 38.3 29.3 43.9

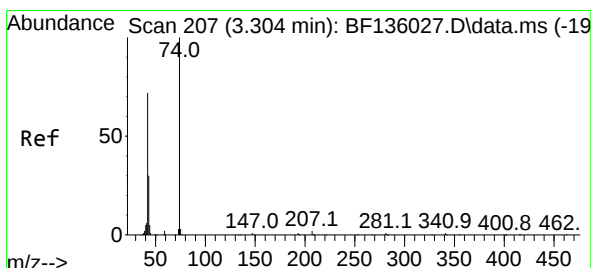
Manual Integrations  
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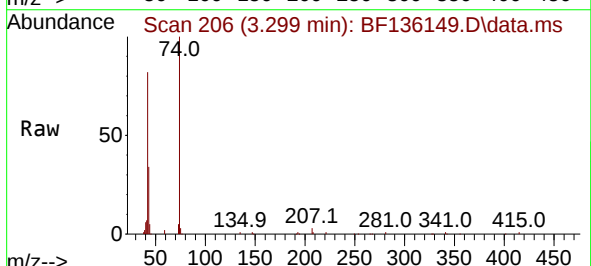


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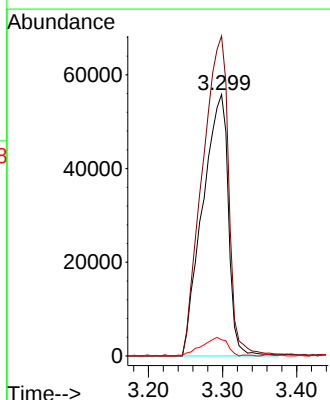
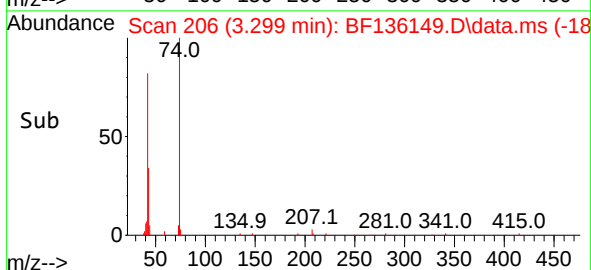
11/08/2023

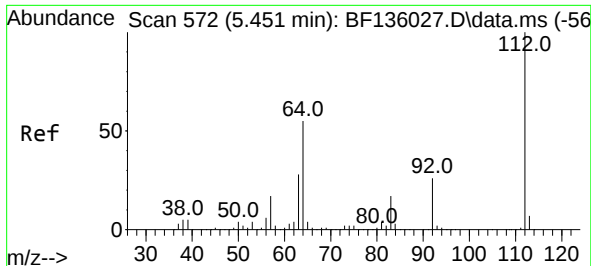


#4  
n-Nitrosodimethylamine  
Concen: 40.051 ng  
RT: 3.299 min Scan# 206  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion: 42 Resp: 134503  
Ion Ratio Lower Upper  
42 100  
74 122.4 111.8 167.6  
44 6.2 6.2 9.4#





#5  
2-Fluorophenol  
Concen: 77.584 ng  
RT: 5.445 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

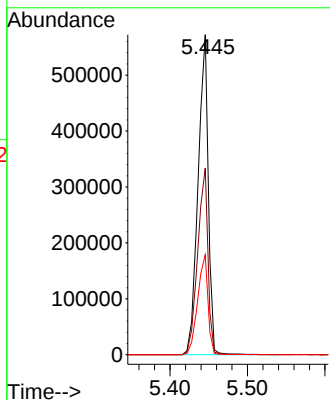
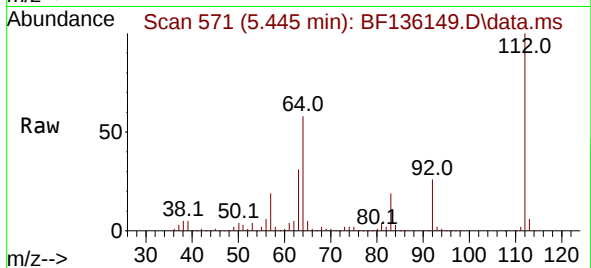
Tgt Ion:112 Resp: 524312  
Ion Ratio Lower Upper  
112 100  
64 58.3 43.9 65.9  
63 31.2 22.4 33.6

Manual Integrations

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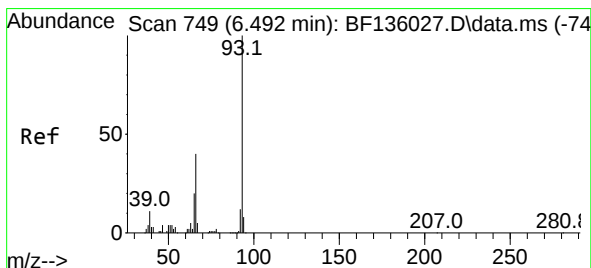
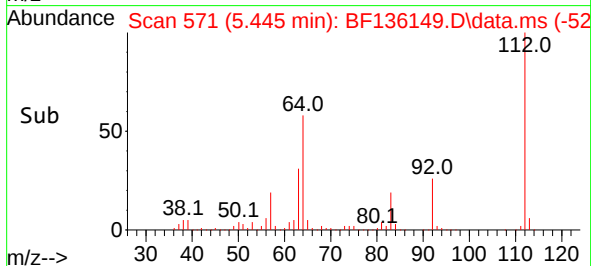
Supervised By :mohammad ahmed 11/08/2023



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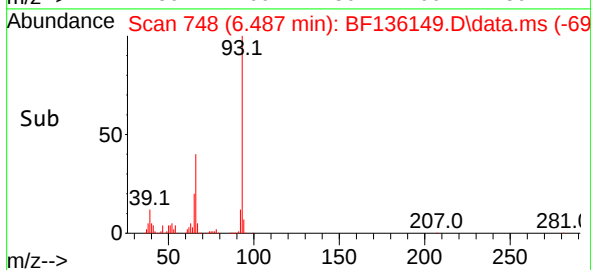
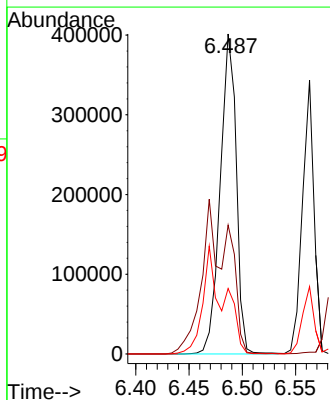
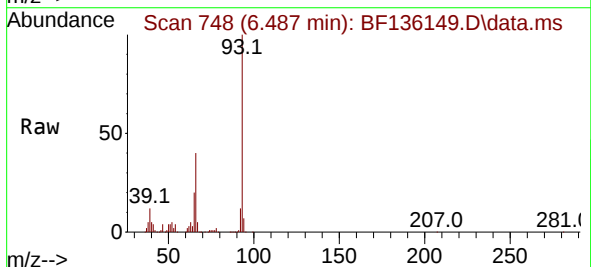
Supervised By :mohammad  
ahmed

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#6  
Aniline  
Concen: 38.502 ng  
RT: 6.487 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

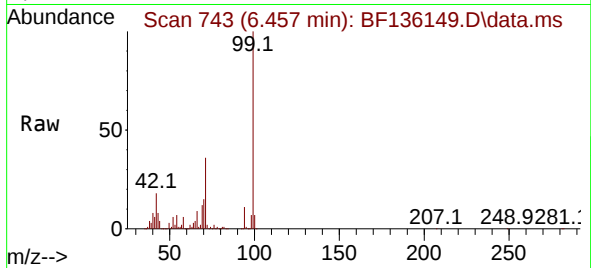
Tgt Ion: 93 Resp: 419724  
Ion Ratio Lower Upper  
93 100  
66 40.3 32.4 48.6  
65 20.4 16.2 24.2





#7  
Phenol-d6  
Concen: 77.681 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

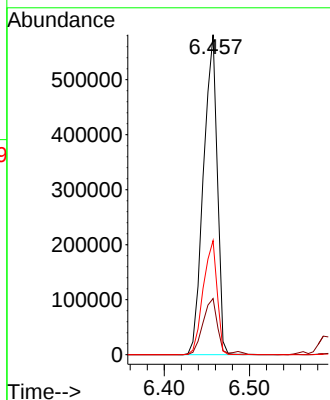
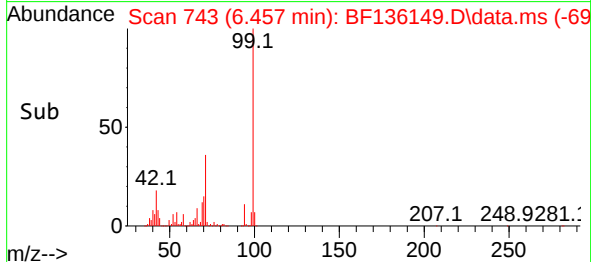
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 654074  
Ion Ratio Lower Upper  
99 100  
42 17.5 13.7 20.5  
71 35.7 25.9 38.9

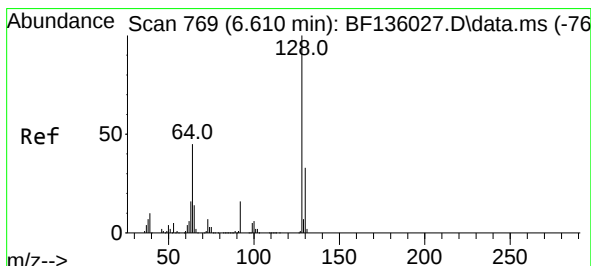
Manual Integrations  
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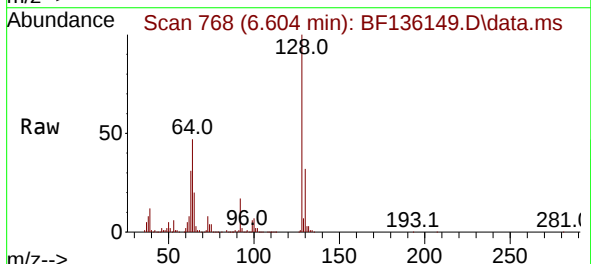


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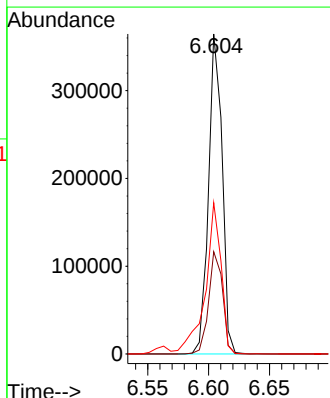
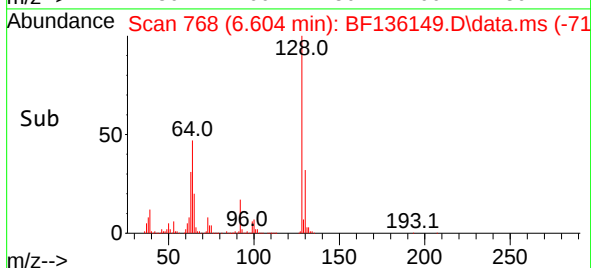
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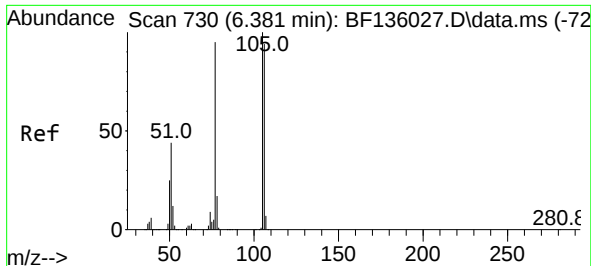


#8  
2-Chlorophenol  
Concen: 38.966 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



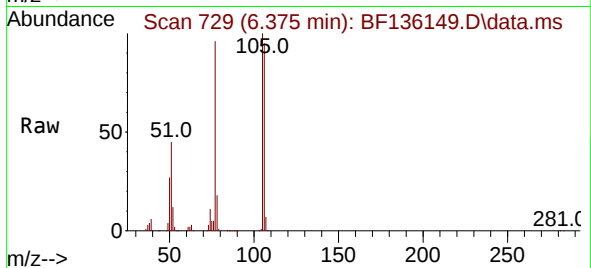
Tgt Ion:128 Resp: 281535  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.8 52.8  
64 47.3 25.8 65.8





#9  
Benzaldehyde  
Concen: 39.624 ng  
RT: 6.375 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

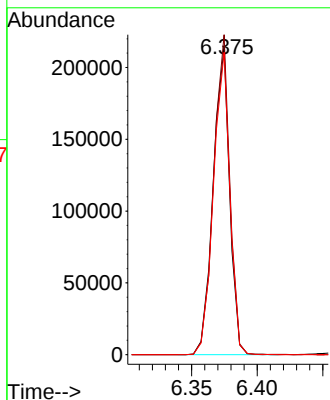
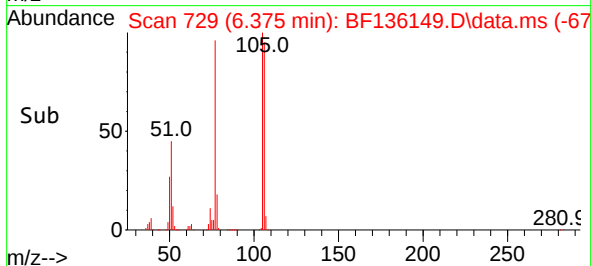
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 186039  
Ion Ratio Lower Upper  
77 100  
105 103.9 85.7 125.7  
106 98.2 79.8 119.8

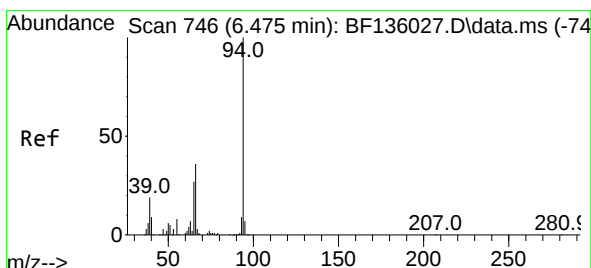
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023

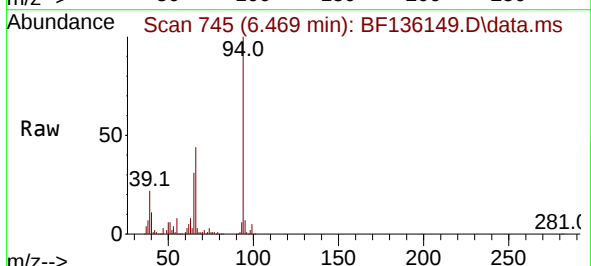


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Supervised By :mohammad  
ahmed

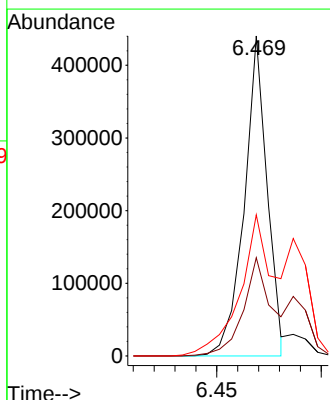
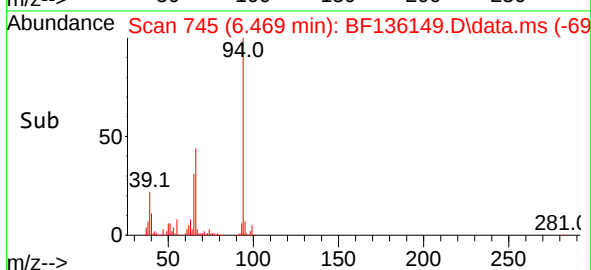
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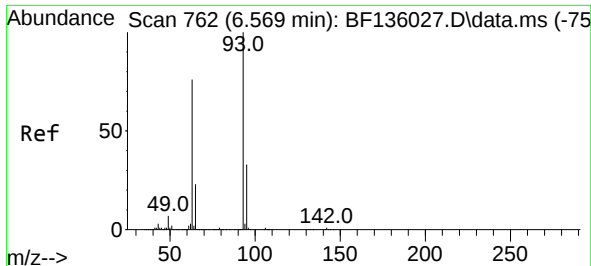


#10  
Phenol  
Concen: 38.459 ng m  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



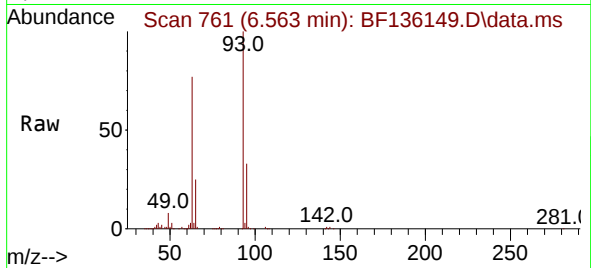
Tgt Ion: 94 Resp: 334935  
Ion Ratio Lower Upper  
94 100  
65 30.7 7.5 47.5  
66 44.1 17.1 57.1





#11  
bis(2-Chloroethyl)ether  
Concen: 37.874 ng  
RT: 6.563 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

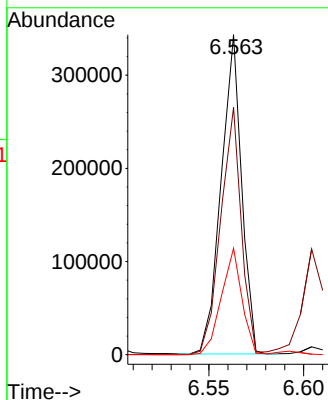
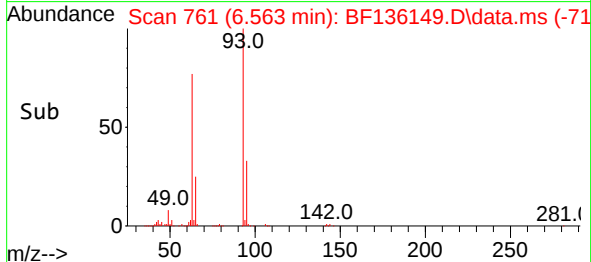
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 93 Resp: 25822  
Ion Ratio Lower Upper  
93 100  
63 77.3 55.8 95.8  
95 33.3 12.9 52.9

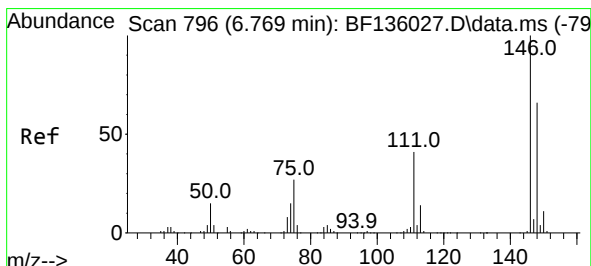
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023

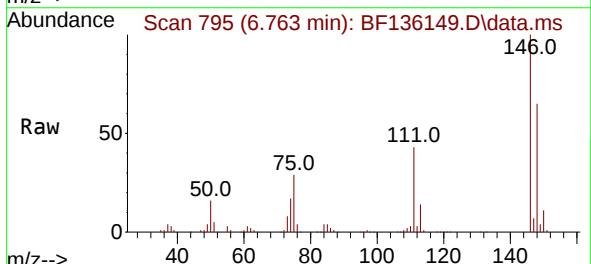


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Supervised By :mohammad  
ahmed

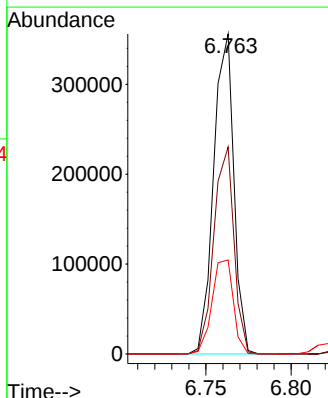
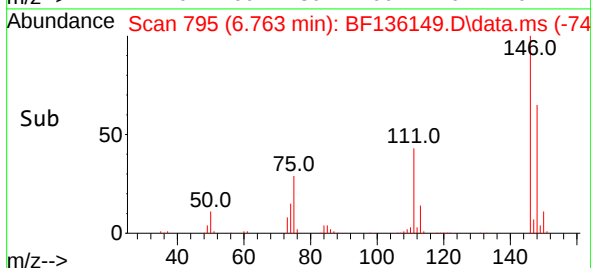
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#12  
1,3-Dichlorobenzene  
Concen: 39.125 ng  
RT: 6.763 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:146 Resp: 294208  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.6 78.8  
75 29.4 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.335 ng

RT: 6.839 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 29643

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

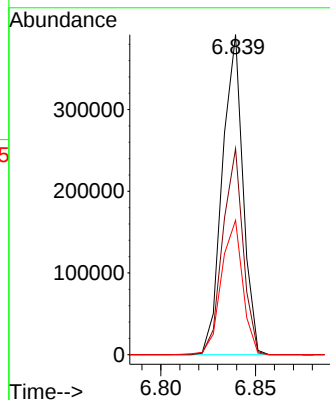
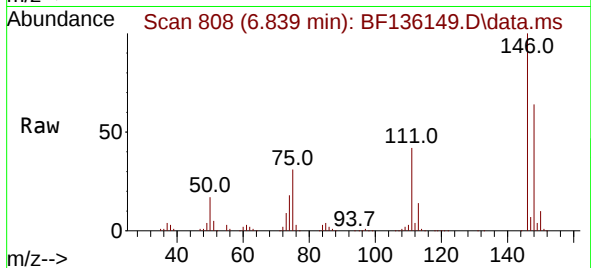
111 42.0 32.6 48.8

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Reviewed By :Yogesh Patel 11/08/2023

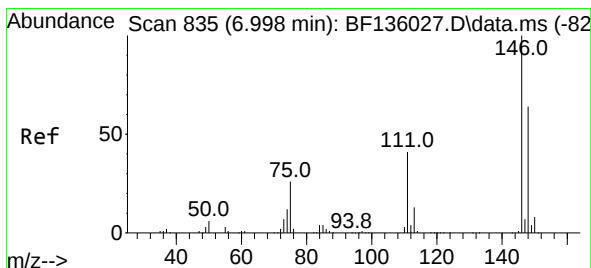
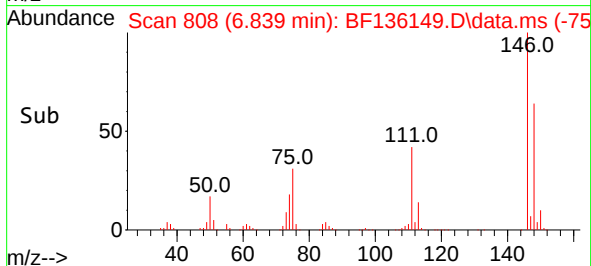
Supervised By :mohammad ahmed 11/08/2023



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Supervised By :mohammad  
ahmed

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#14

1,2-Dichlorobenzene

Concen: 39.472 ng

RT: 6.992 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

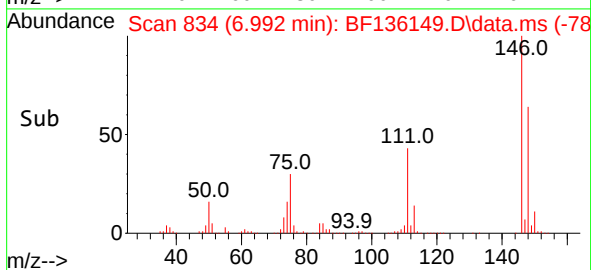
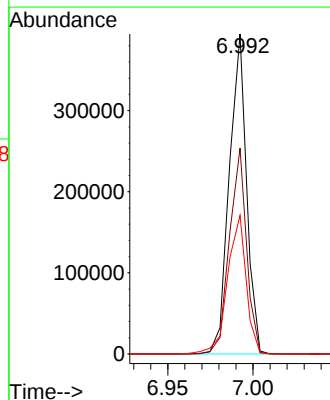
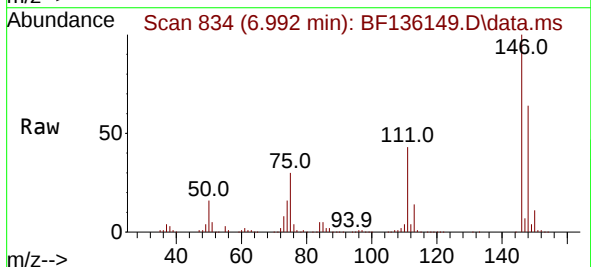
Tgt Ion:146 Resp: 278143

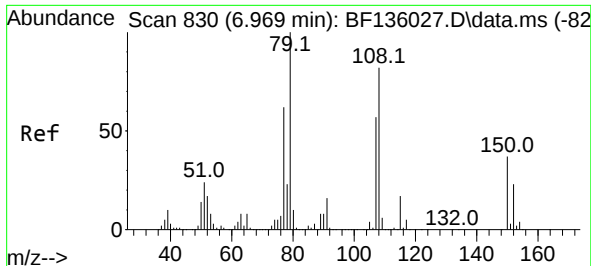
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 43.3 33.0 49.4





#15  
Benzyl Alcohol  
Concen: 41.343 ng  
RT: 6.963 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

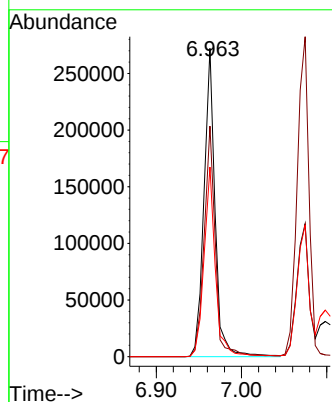
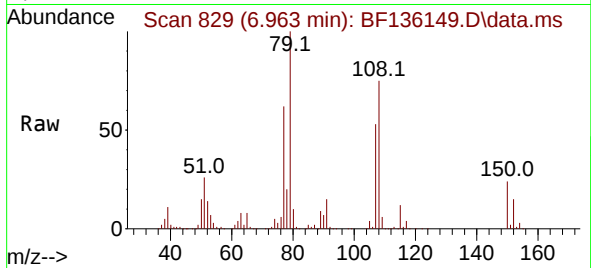
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 246829  
Ion Ratio Lower Upper  
79 100  
108 74.8 65.9 98.9  
77 61.5 49.4 74.2

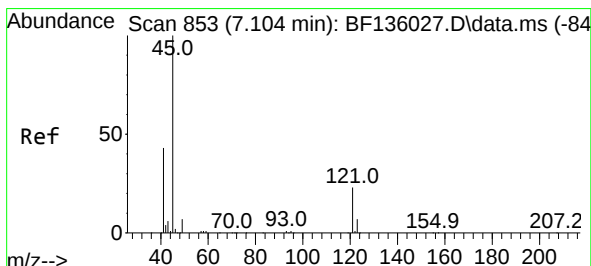
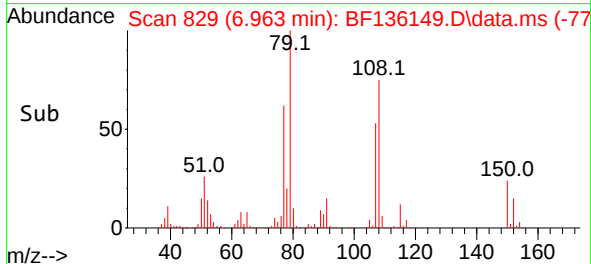
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Supervised By :mohammad ahmed 11/08/2023



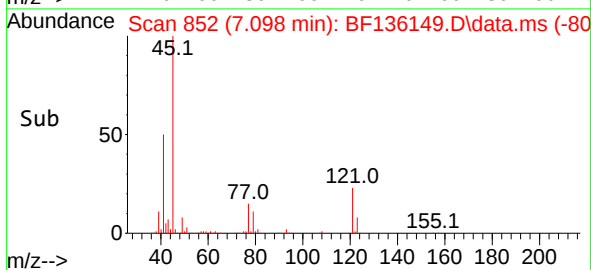
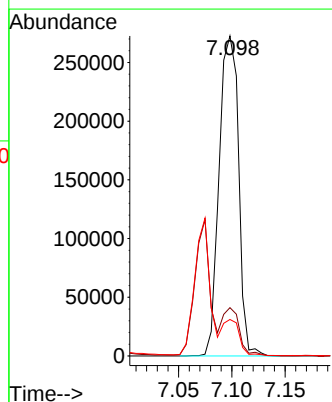
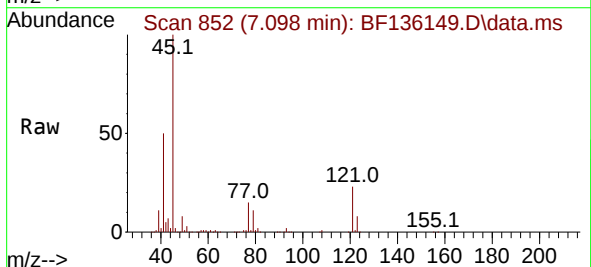
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Supervised By :mohammad  
ahmed

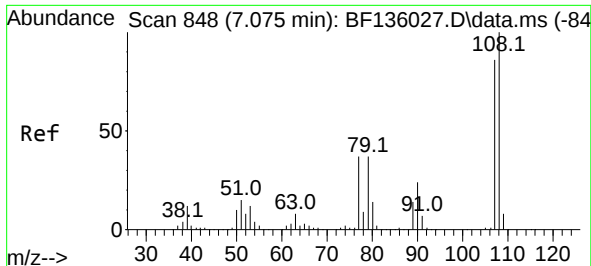
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.703 ng  
RT: 7.098 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

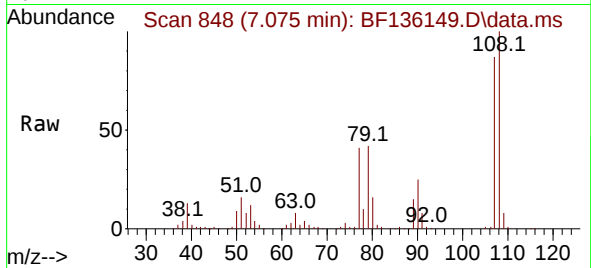
Tgt Ion: 45 Resp: 344436  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 34.6  
79 11.4 0.0 30.6





#17  
2-Methylphenol  
Concen: 38.615 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

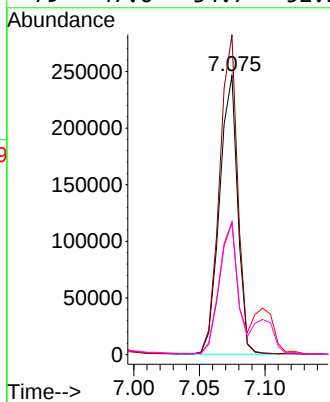
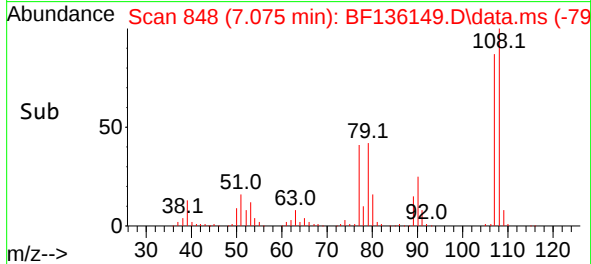
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 236679 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.7 | 93.4  | 140.2  |
| 77        | 47.2  | 34.4  | 51.6   |
| 79        | 47.6  | 34.7  | 52.1   |

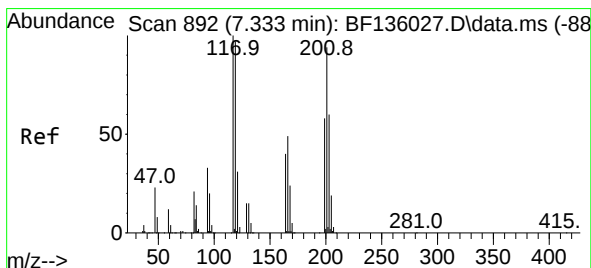
Manual Integrations  
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Supervised By :mohammad ahmed 11/08/2023



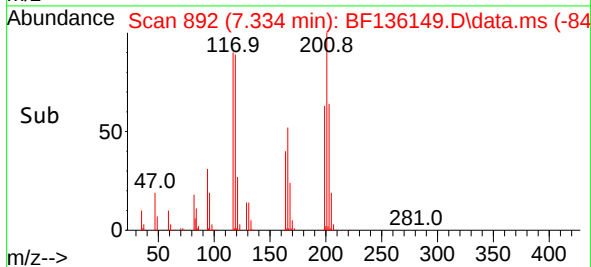
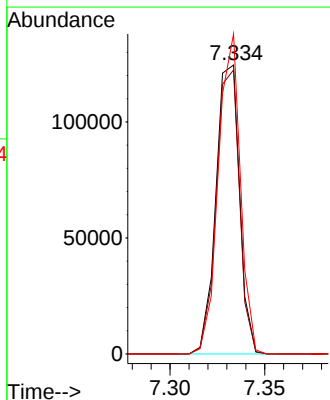
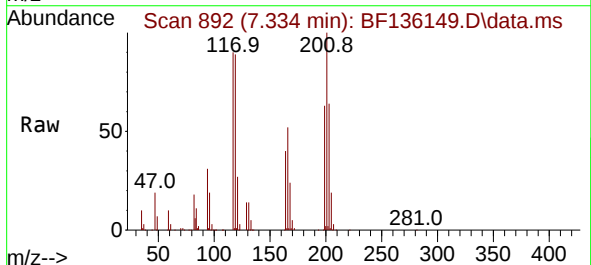
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Supervised By :mohammad  
ahmed

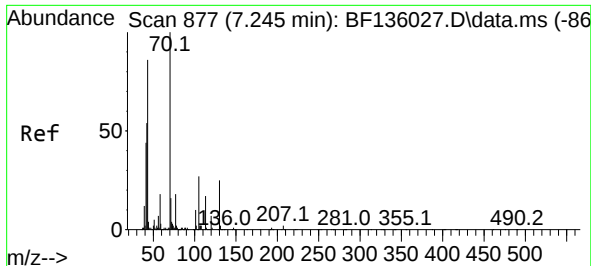
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#18  
Hexachloroethane  
Concen: 40.932 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 108419 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 98.3  | 77.7  | 116.5  |
| 201       | 110.7 | 75.0  | 112.6  |





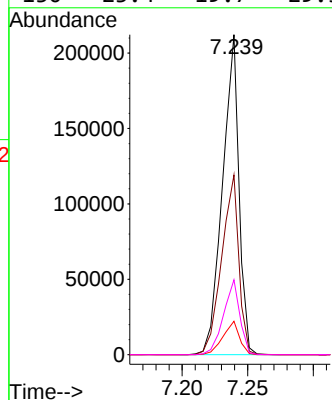
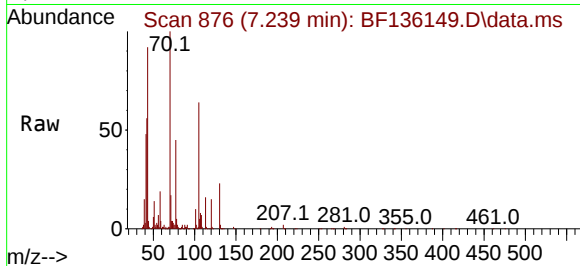
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.354 ng  
RT: 7.239 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 18452  
Ion Ratio Lower Upper  
70 100  
42 56.2 43.0 64.4  
101 10.5 8.0 12.0  
130 23.4 19.7 29.5

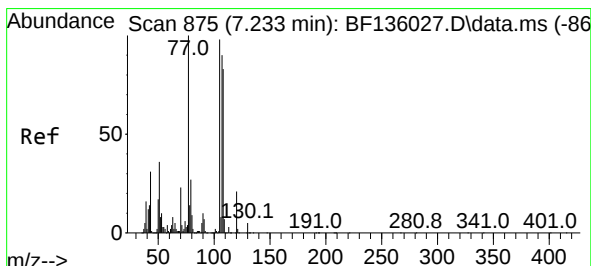
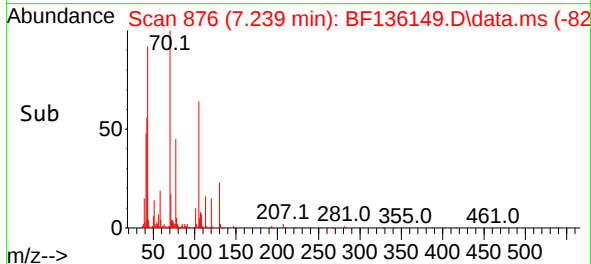
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Supervised By :mohammad ahmed 11/08/2023



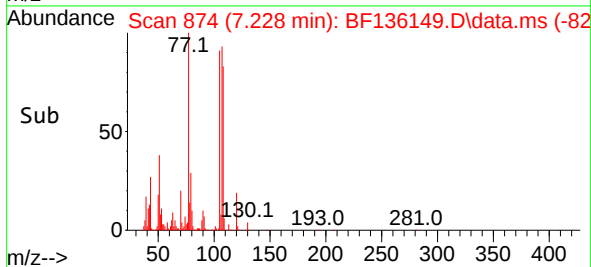
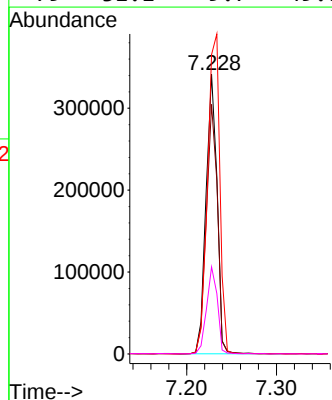
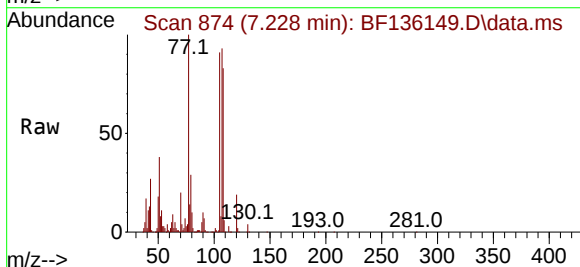
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ahmed

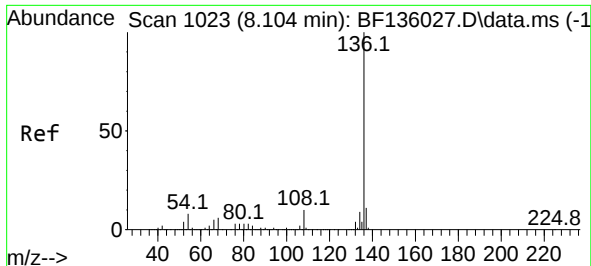
11/08/2023



#20  
3+4-Methylphenols  
Concen: 38.958 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:107 Resp: 291175  
Ion Ratio Lower Upper  
107 100  
108 89.3 72.3 112.3  
77 107.1 91.4 131.4  
79 31.1 9.7 49.7





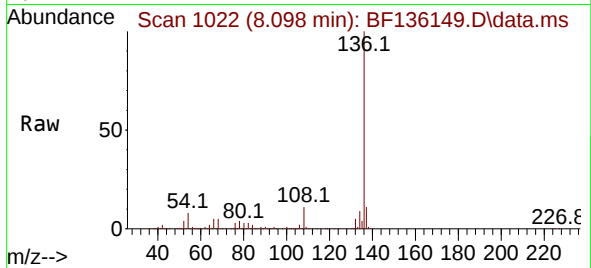
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.098 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNF\_F

ClientSampleId :

SSTDCCC040



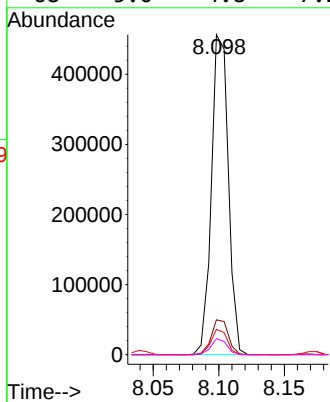
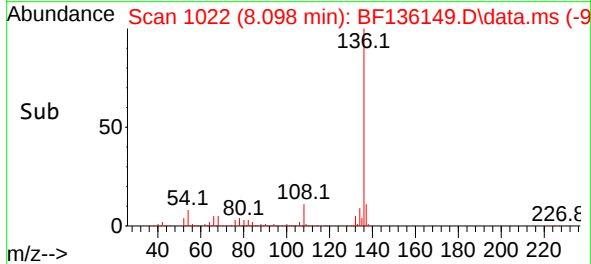
Tgt Ion:136 Resp: 40992  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.9 6.6 9.8  
68 5.0 4.8 7.2

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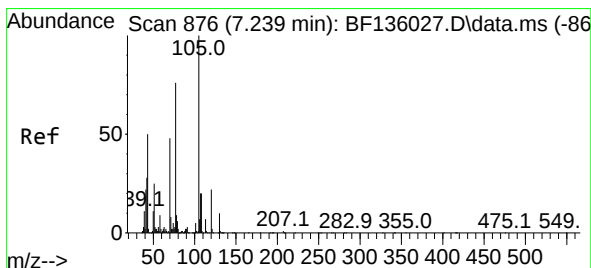
Supervised By :mohammad ahmed 11/08/2023



11/08/2023

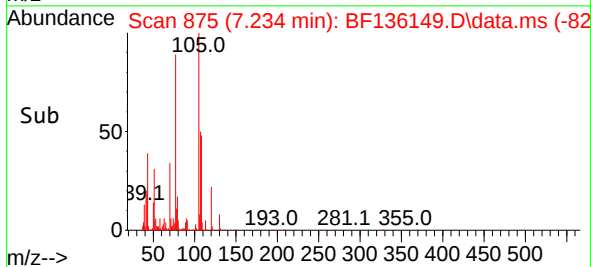
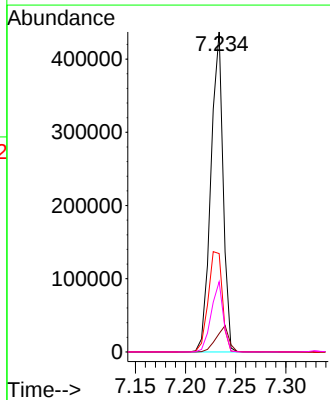
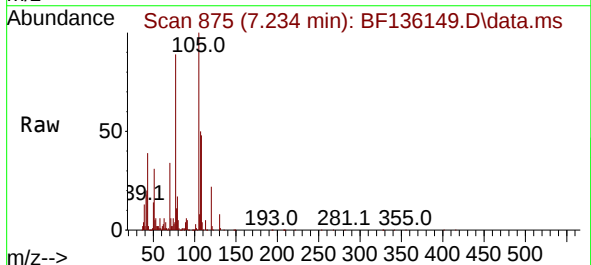
Supervised By :mohammad  
ahmed

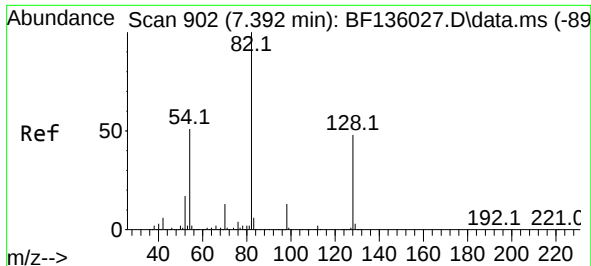
11/08/2023



#22  
Acetophenone  
Concen: 40.803 ng  
RT: 7.234 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:105 Resp: 370886  
Ion Ratio Lower Upper  
105 100  
71 5.8 6.5 9.7#  
51 30.8 20.3 30.5#  
120 21.9 17.8 26.8





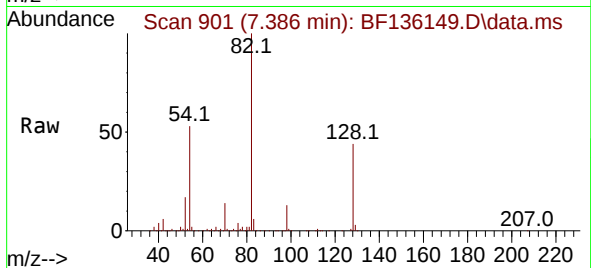
#23  
Nitrobenzene-d5  
Concen: 87.058 ng  
RT: 7.386 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

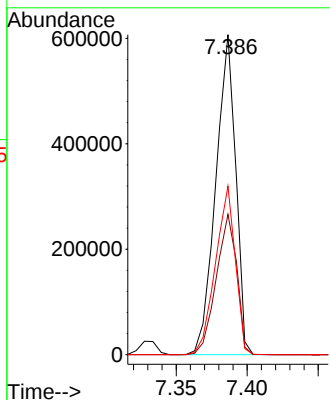
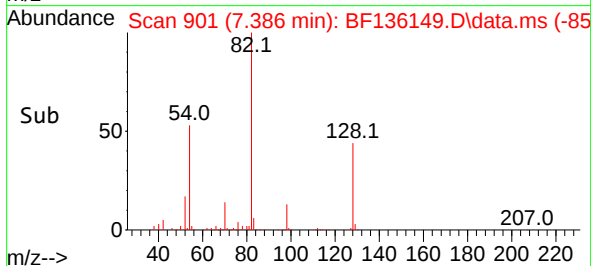
SSTDCCC040



Tgt Ion: 82 Resp: 59199  
Ion Ratio Lower Upper  
82 100  
128 43.8 38.6 57.8  
54 52.6 40.8 61.2

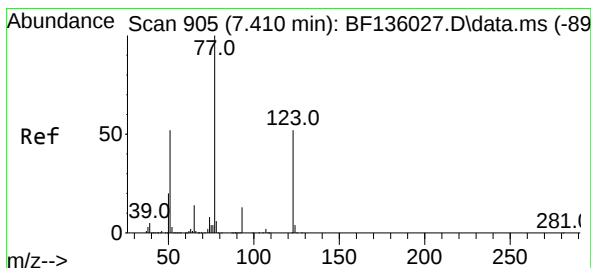
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Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023

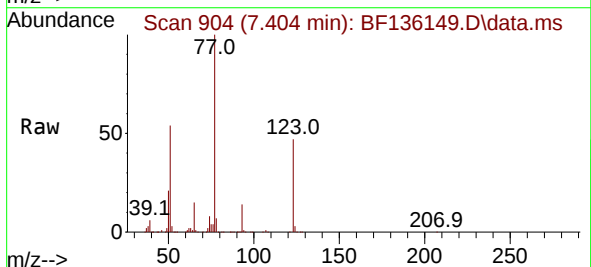


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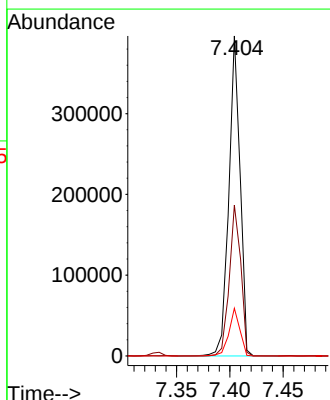
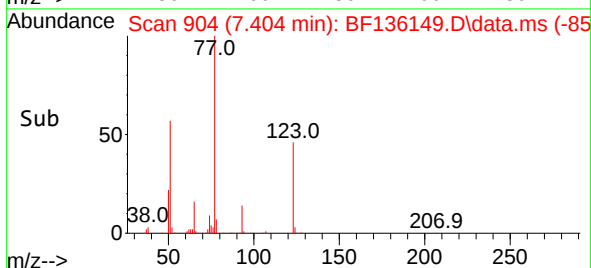
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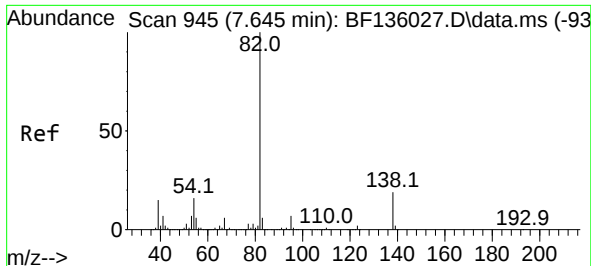


#24  
Nitrobenzene  
Concen: 42.335 ng  
RT: 7.404 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion: 77 Resp: 291195  
Ion Ratio Lower Upper  
77 100  
123 47.1 42.3 63.5  
65 14.9 11.0 16.6





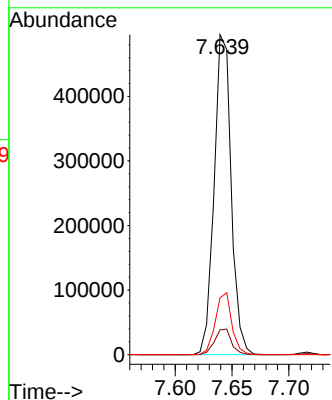
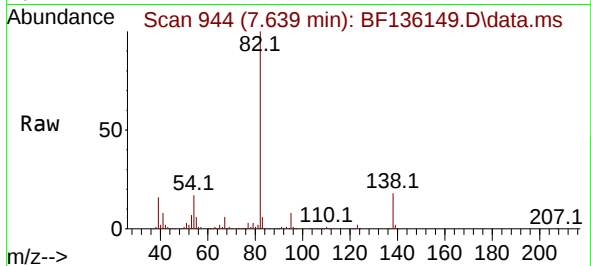
#25  
Isophorone  
Concen: 40.324 ng  
RT: 7.639 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :  
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ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 51766  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.9 8.9  
138 17.8 15.3 22.9

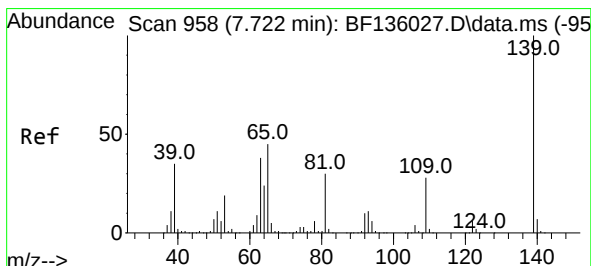
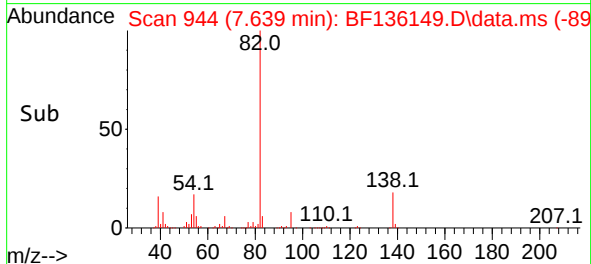
Manual Integrations  
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Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023



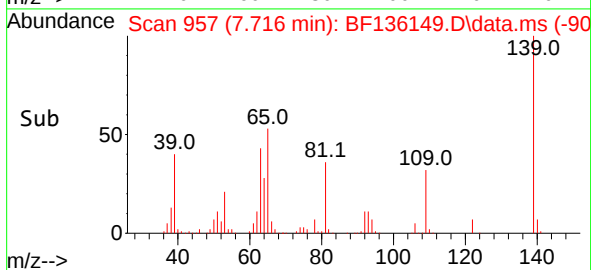
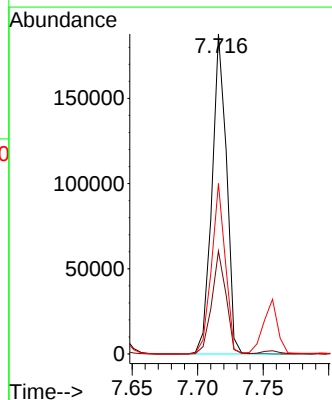
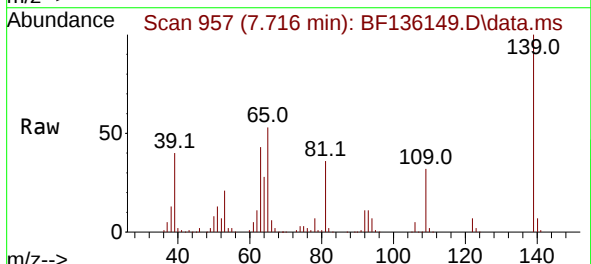
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Supervised By :mohammad  
ahmed

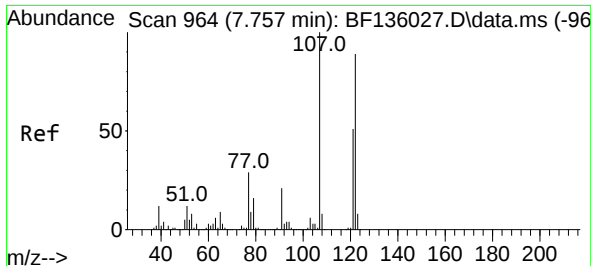
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#26  
2-Nitrophenol  
Concen: 46.142 ng  
RT: 7.716 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:139 Resp: 144805  
Ion Ratio Lower Upper  
139 100  
109 32.1 22.6 34.0  
65 53.2 36.3 54.5





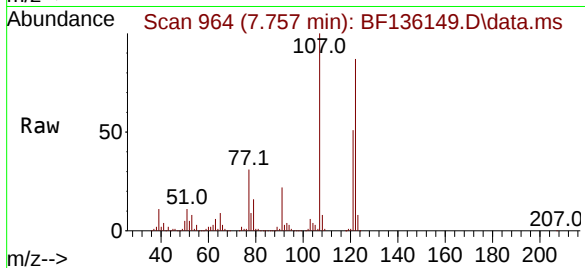
#27  
2,4-Dimethylphenol  
Concen: 40.538 ng  
RT: 7.757 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



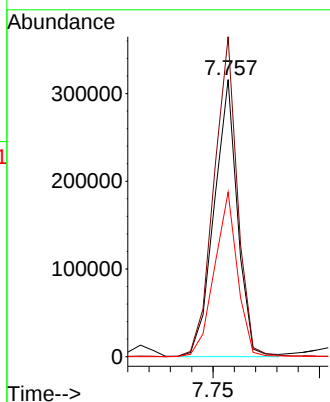
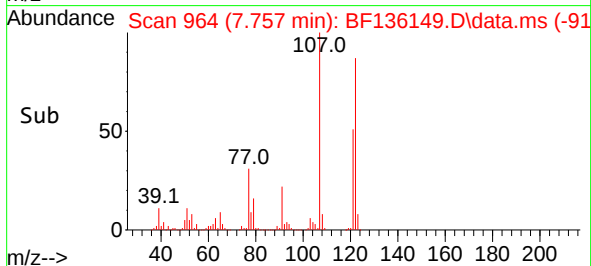
Tgt Ion:122 Resp: 240398  
Ion Ratio Lower Upper  
122 100  
107 115.5 89.6 134.4  
121 59.4 46.0 69.0

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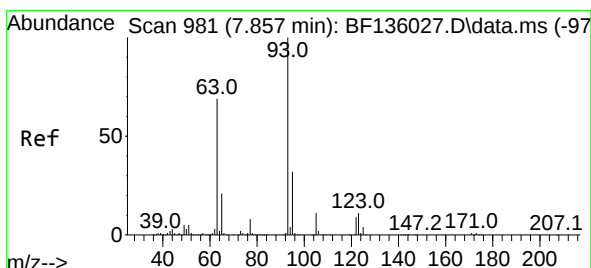
Supervised By :mohammad ahmed 11/08/2023



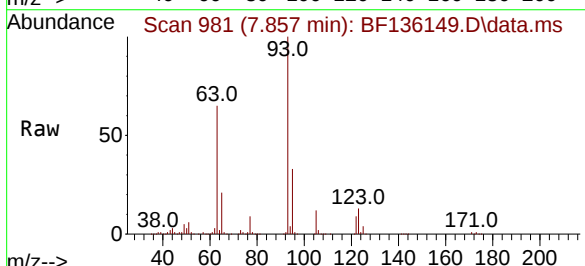
11/08/2023

Supervised By :mohammad  
ahmed

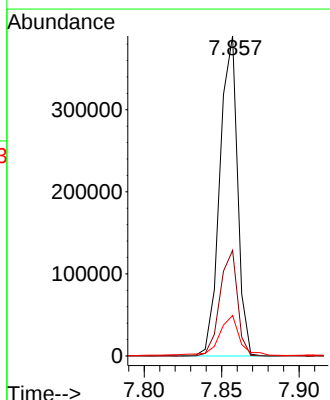
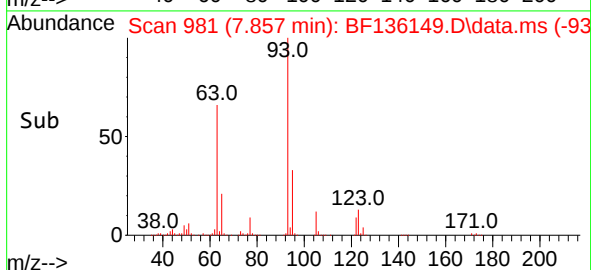
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#28  
bis(2-Chloroethoxy)methane  
Concen: 39.366 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



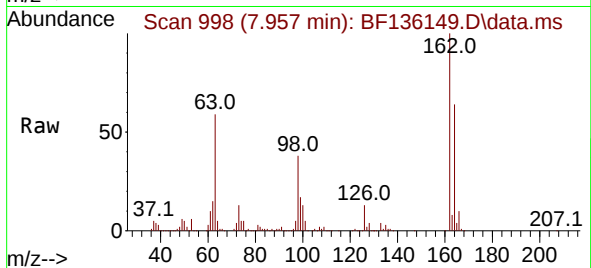
Tgt Ion: 93 Resp: 309645  
Ion Ratio Lower Upper  
93 100  
95 33.0 25.7 38.5  
123 12.6 9.1 13.7





#29  
2,4-Dichlorophenol  
Concen: 41.957 ng  
RT: 7.957 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

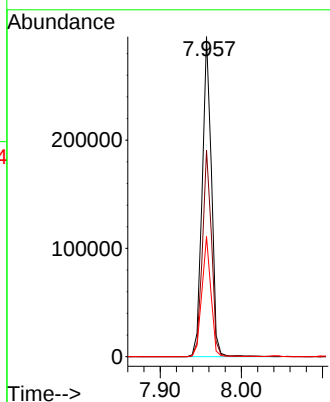
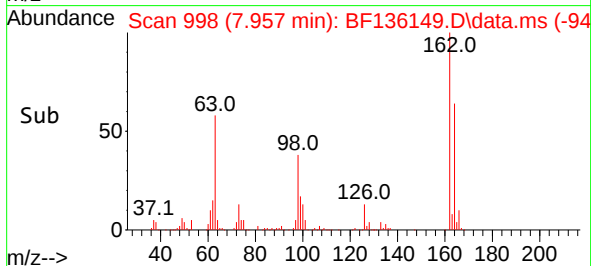
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 23456  
Ion Ratio Lower Upper  
162 100  
164 64.5 45.5 85.5  
98 37.6 14.4 54.4

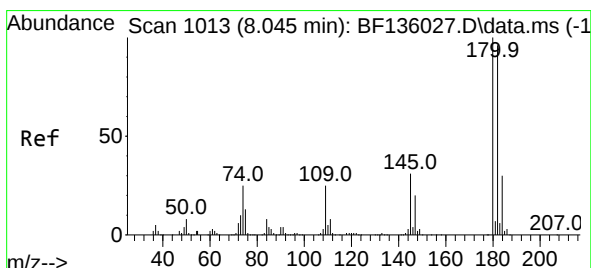
Manual Integrations  
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Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023



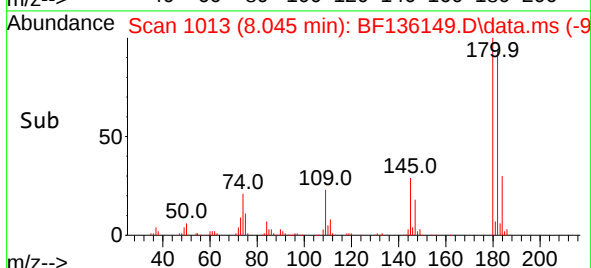
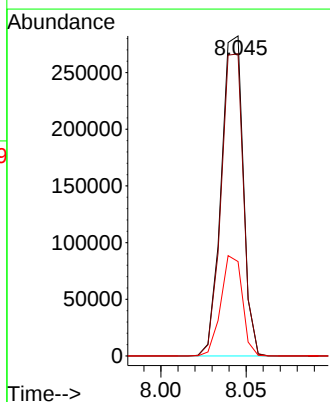
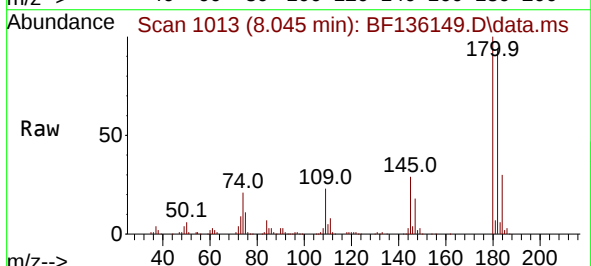
11/08/2023  
Supervised By :mohammad  
ahmed

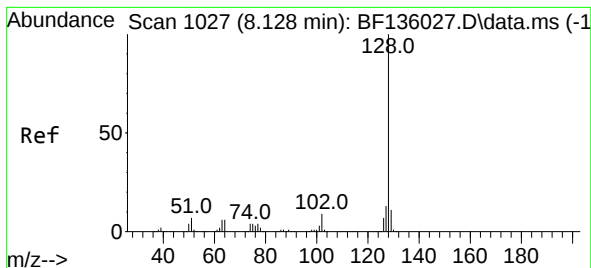
11/08/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 41.555 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:180 Resp: 253433  
Ion Ratio Lower Upper  
180 100  
182 94.4 76.9 115.3  
145 29.5 24.7 37.1





#31

Naphthalene

Concen: 41.222 ng

RT: 8.122 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

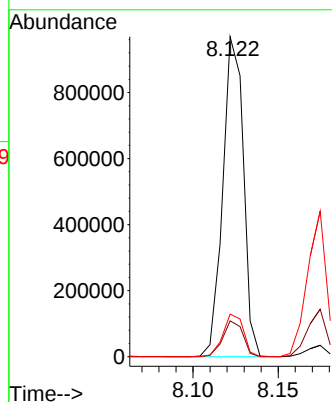
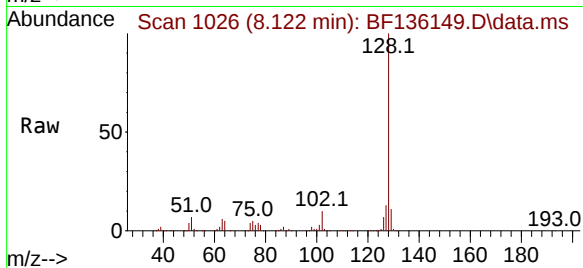
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Tgt Ion:128 Resp: 814849  
 Ion Ratio Lower Upper  
 128 100  
 129 11.2 8.9 13.3  
 127 13.3 10.5 15.7

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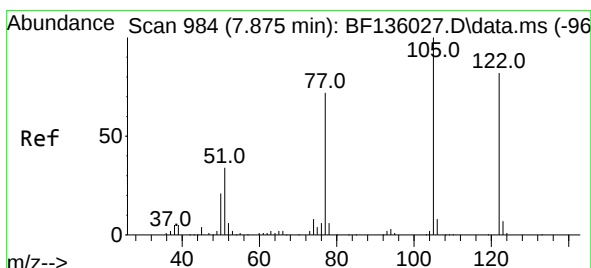
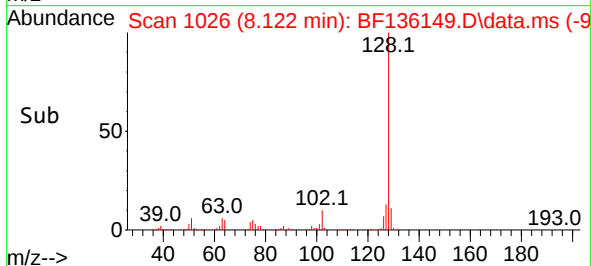
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 Supervised By :mohammad ahmed 11/08/2023



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#32

Benzoic acid

Concen: 37.115 ng m

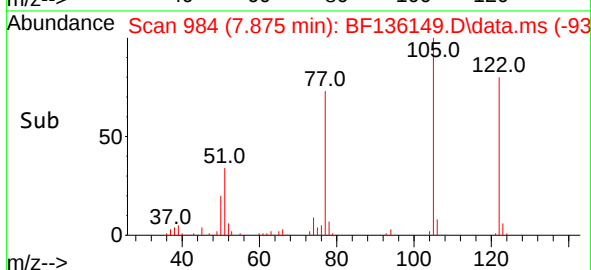
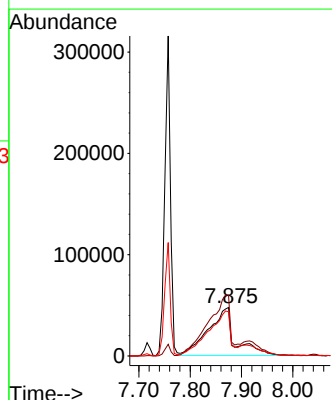
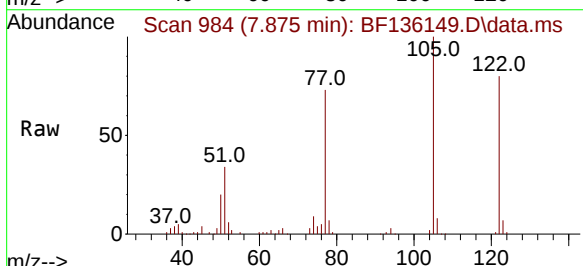
RT: 7.875 min Scan# 984

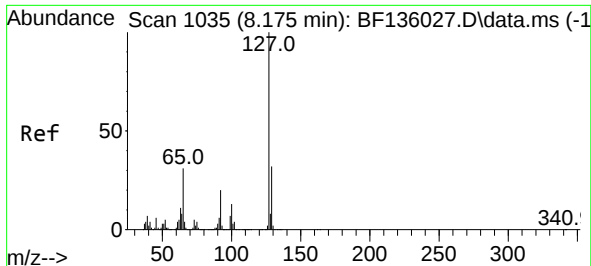
Delta R.T. 0.006 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

Tgt Ion:122 Resp: 170151  
 Ion Ratio Lower Upper  
 122 100  
 105 125.3 99.5 139.5  
 77 91.3 66.8 106.8





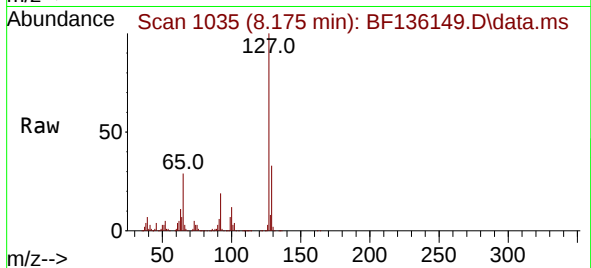
#33  
4-Chloroaniline  
Concen: 40.402 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

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ClientSampleId :

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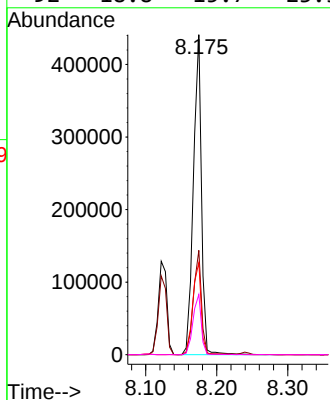
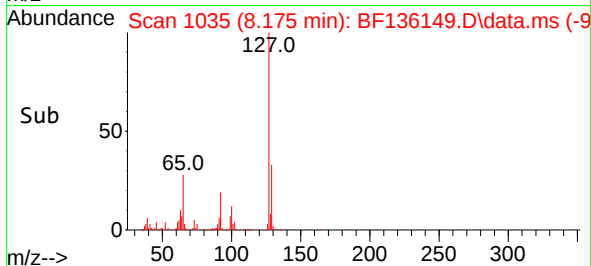
Tgt Ion:127 Resp: 349740  
Ion Ratio Lower Upper  
127 100  
129 32.6 25.9 38.9  
65 28.8 24.6 37.0  
92 18.8 15.7 23.5

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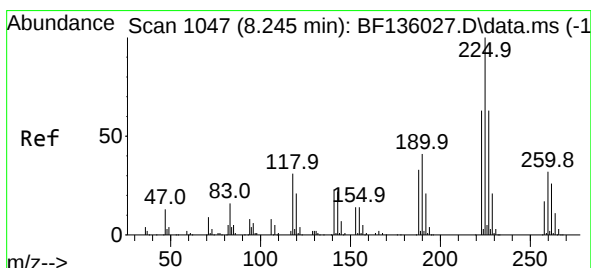
Supervised By :mohammad ahmed 11/08/2023



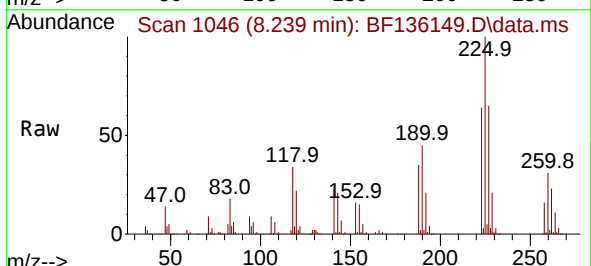
11/08/2023

Supervised By :mohammad  
ahmed

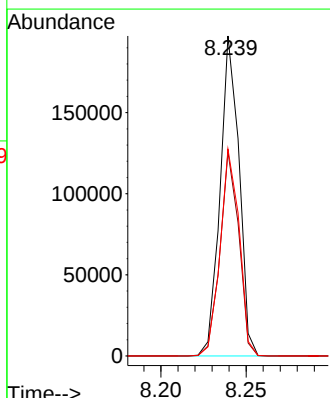
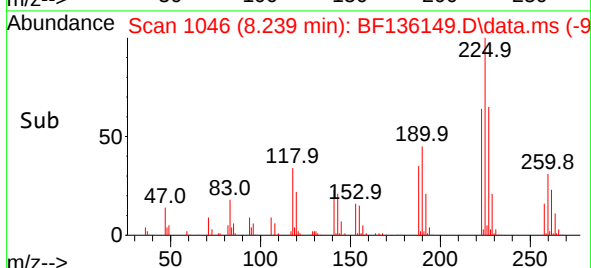
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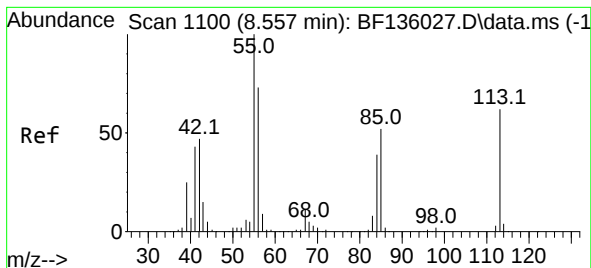


#34  
Hexachlorobutadiene  
Concen: 43.567 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:225 Resp: 152376  
Ion Ratio Lower Upper  
225 100  
223 63.8 50.3 75.5  
227 64.7 50.6 75.8





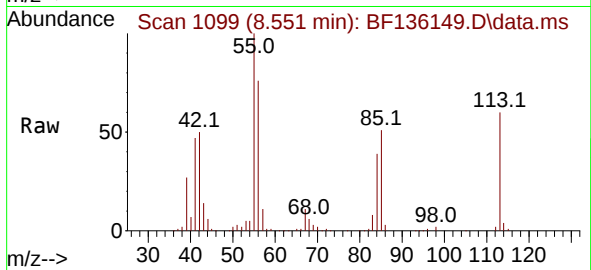
#35  
Caprolactam  
Concen: 40.669 ng  
RT: 8.551 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



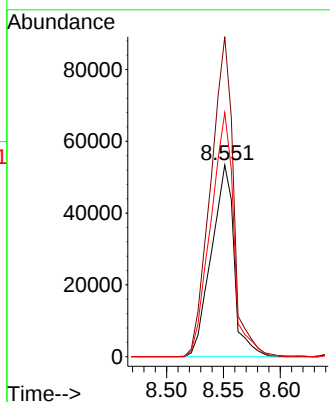
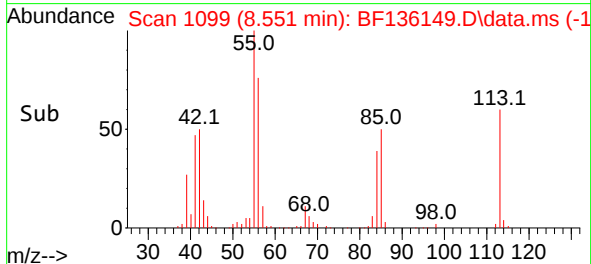
Tgt Ion:113 Resp: 73929  
Ion Ratio Lower Upper  
113 100  
55 166.9 142.2 182.2  
56 127.3 97.7 137.7

Manual Integrations

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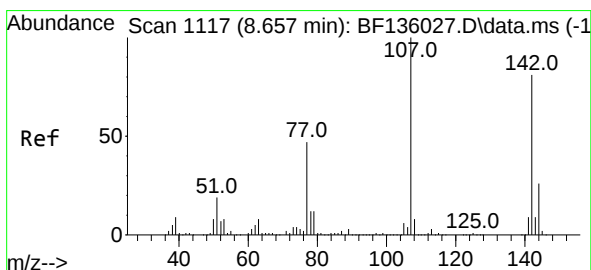
Supervised By :mohammad ahmed 11/08/2023



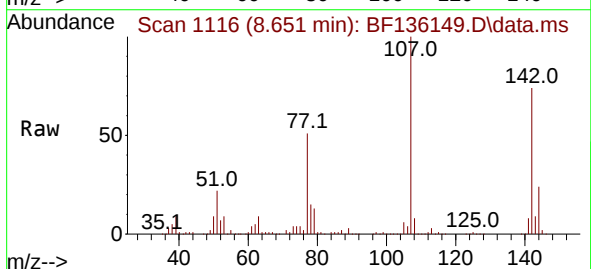
11/08/2023

Supervised By :mohammad  
ahmed

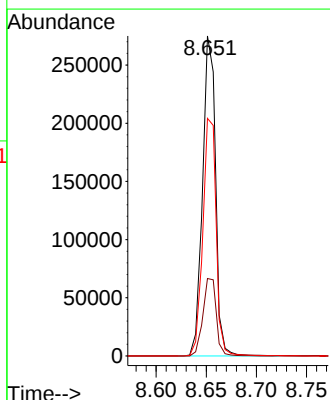
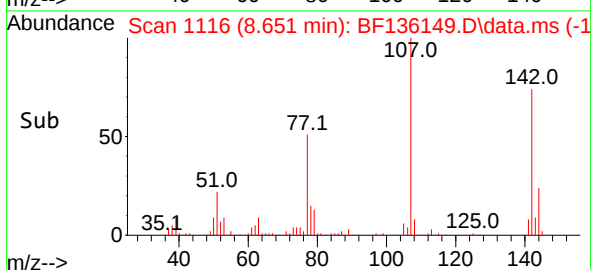
11/08/2023

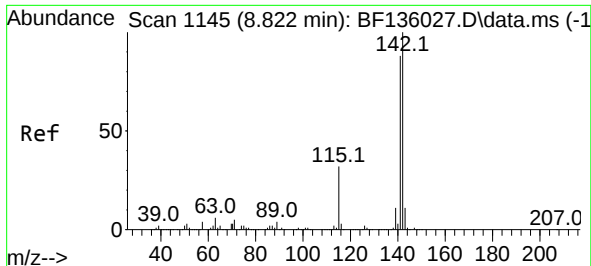


#36  
4-Chloro-3-methylphenol  
Concen: 42.509 ng  
RT: 8.651 min Scan# 1116  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:107 Resp: 249498  
Ion Ratio Lower Upper  
107 100  
144 24.2 20.6 31.0  
142 74.3 64.6 97.0





#37  
2-Methylnaphthalene  
Concen: 41.575 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

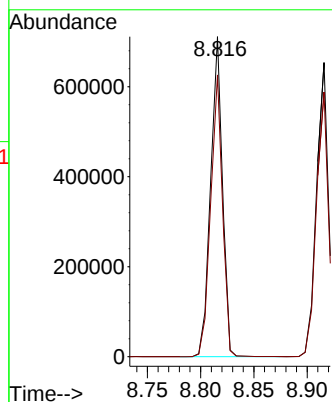
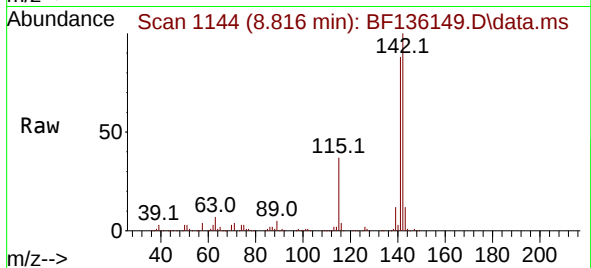
Tgt Ion:142 Resp: 55104  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.4 105.6

Manual Integrations

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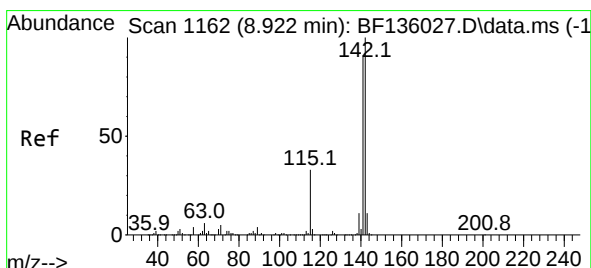
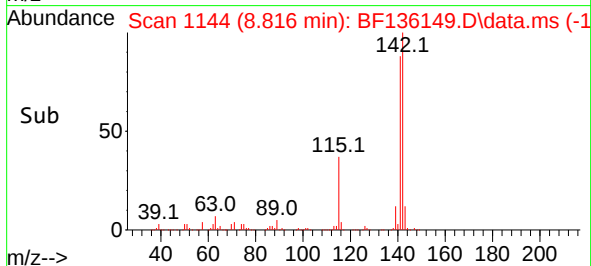
Supervised By :mohammad ahmed 11/08/2023



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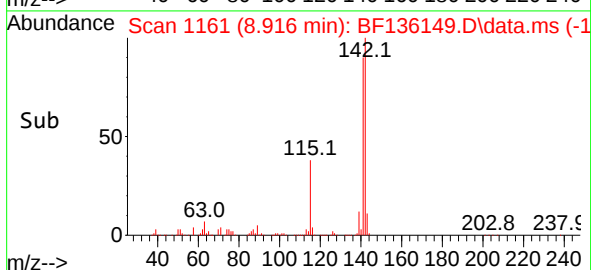
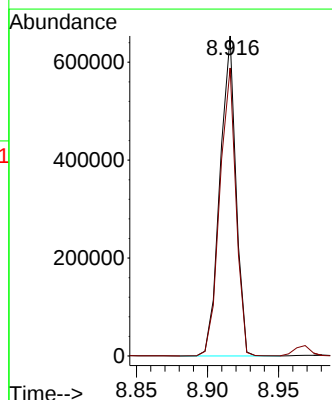
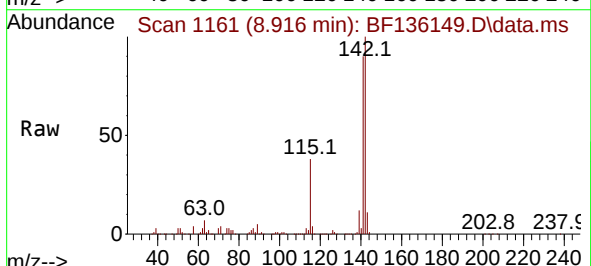
Supervised By :mohammad  
ahmed

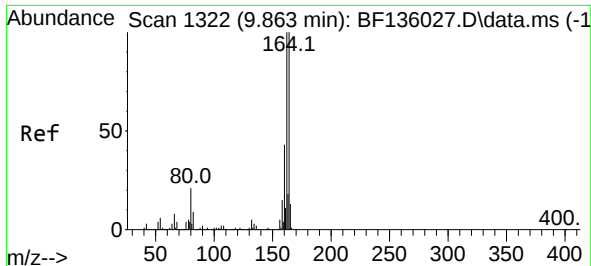
11/08/2023



#38  
1-Methylnaphthalene  
Concen: 41.376 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:142 Resp: 510359  
Ion Ratio Lower Upper  
142 100  
141 90.0 72.6 109.0





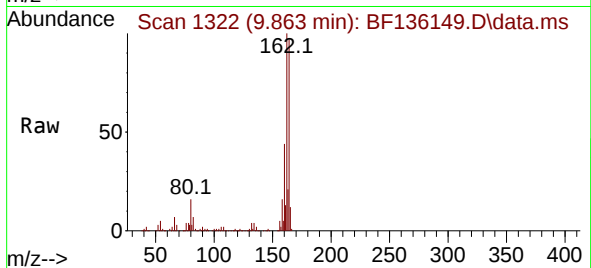
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



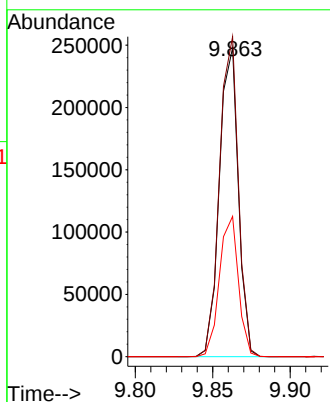
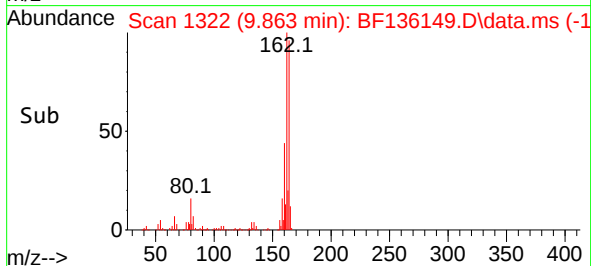
Tgt Ion:164 Resp: 21110  
Ion Ratio Lower Upper  
164 100  
162 103.6 80.1 120.1  
160 45.4 34.8 52.2

Manual Integrations

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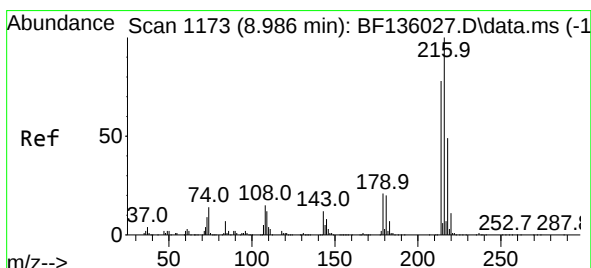
Supervised By :mohammad ahmed 11/08/2023



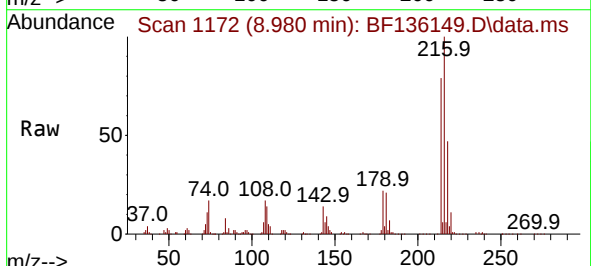
11/08/2023

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ahmed

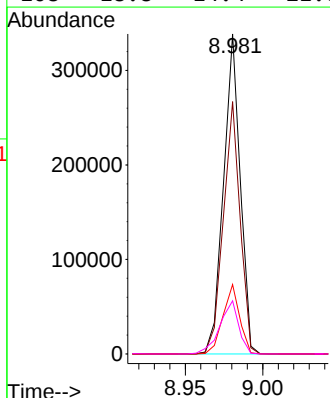
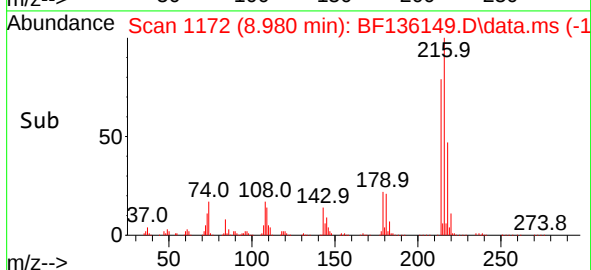
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.133 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



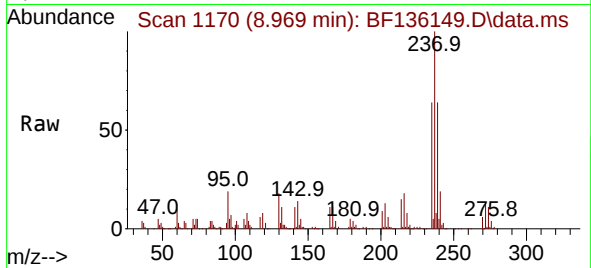
Tgt Ion:216 Resp: 253664  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.8 95.6  
179 21.7 17.5 26.3  
108 18.8 14.4 21.6





#41  
Hexachlorocyclopentadiene  
Concen: 42.270 ng  
RT: 8.969 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

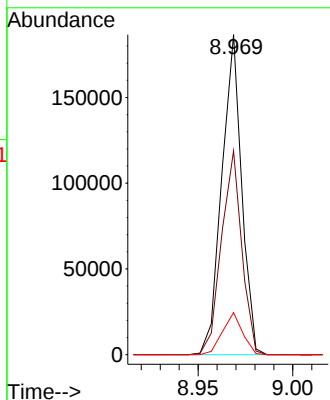
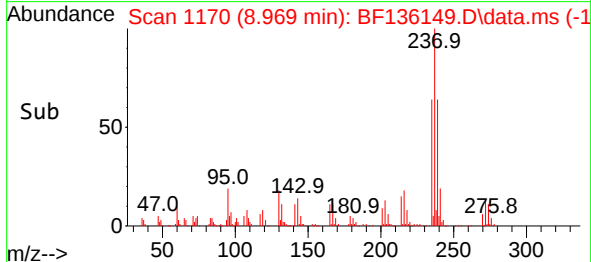
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 237 Resp: 135960  
Ion Ratio Lower Upper  
237 100  
235 63.7 43.3 83.3  
272 13.1 0.0 34.2

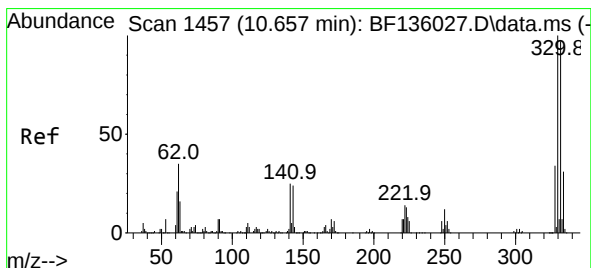
Manual Integrations  
APPROVED

Reviewed By : Yogesh Patel 11/08/2023  
Supervised By : mohammad ahmed 11/08/2023



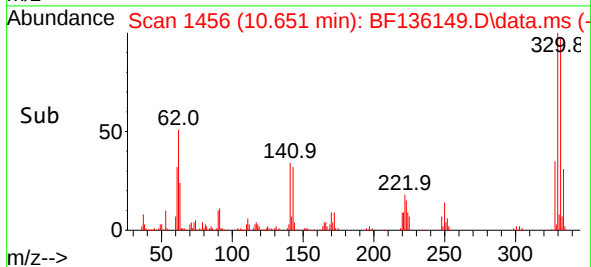
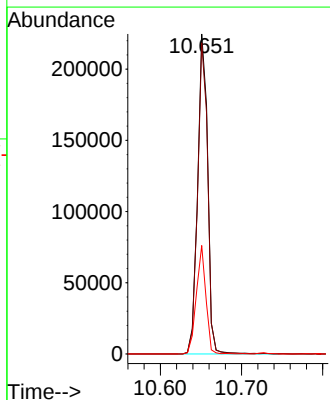
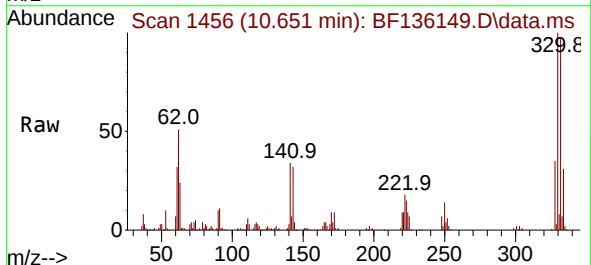
11/08/2023  
Supervised By : mohammad  
ahmed

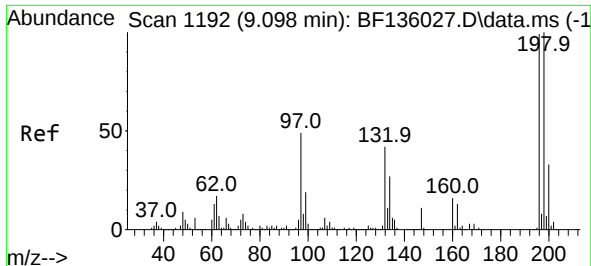
11/08/2023



#42  
2,4,6-Tribromophenol  
Concen: 86.179 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion: 330 Resp: 194187  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.9 115.3  
141 32.3 23.2 34.8





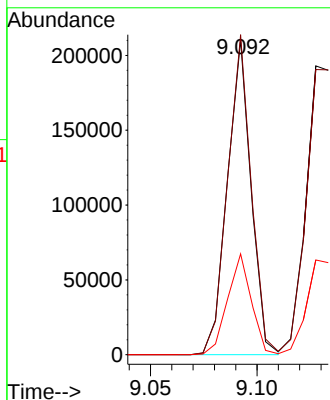
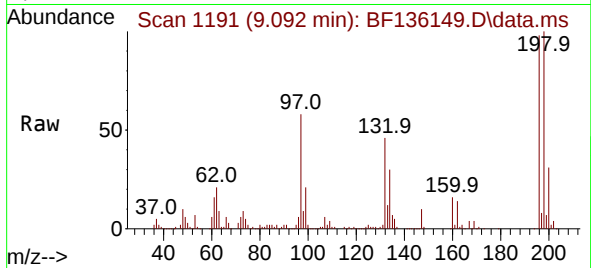
#43  
2,4,6-Trichlorophenol  
Concen: 41.426 ng  
RT: 9.092 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:196 Resp: 16261  
Ion Ratio Lower Upper  
196 100  
198 101.5 80.7 121.1  
200 32.0 26.8 40.2

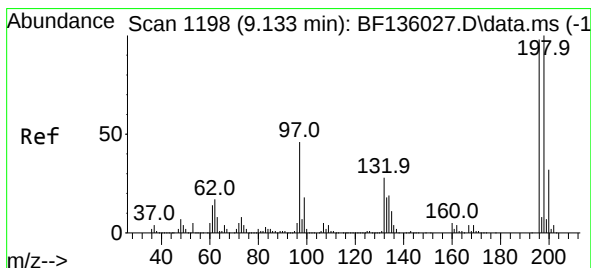
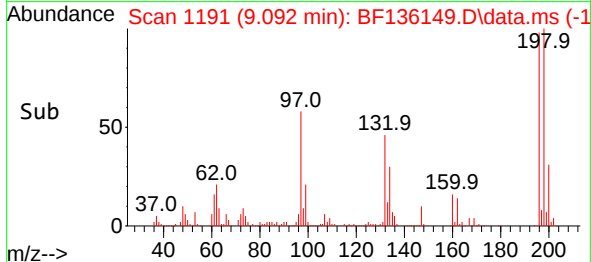
Manual Integrations  
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Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023



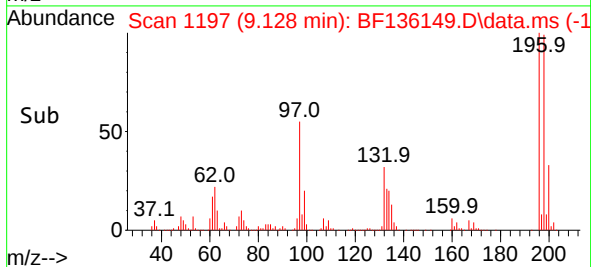
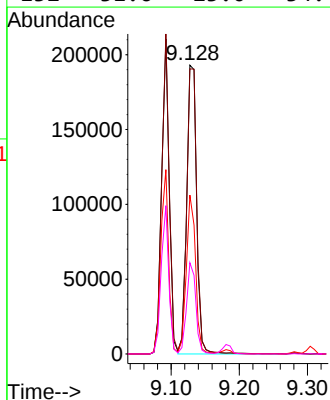
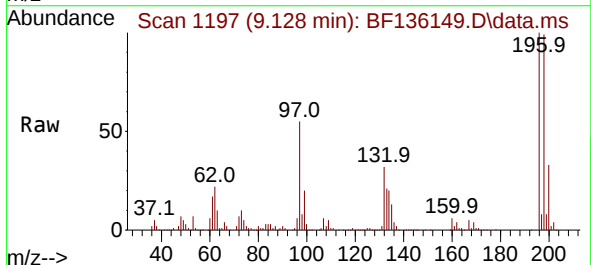
11/08/2023  
Supervised By :mohammad  
ahmed

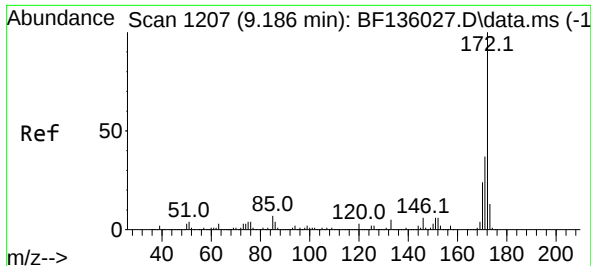
11/08/2023



#44  
2,4,5-Trichlorophenol  
Concen: 42.422 ng  
RT: 9.128 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:196 Resp: 192901  
Ion Ratio Lower Upper  
196 100  
198 98.7 81.6 122.4  
97 55.0 38.2 57.2  
132 31.6 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 84.569 ng

RT: 9.180 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 111994

Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.0

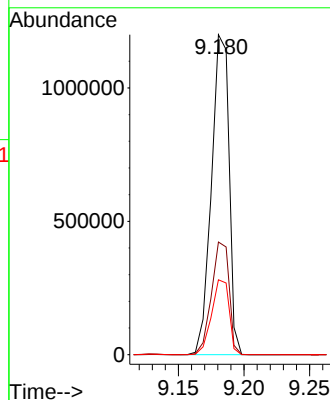
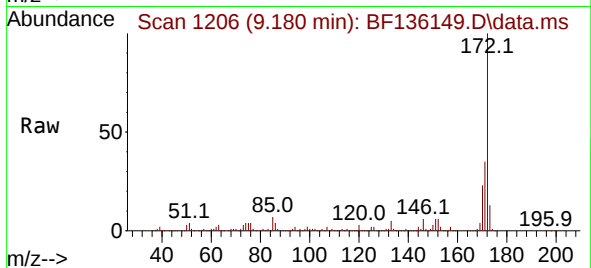
170 23.4 19.3 28.9

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Reviewed By :Yogesh Patel 11/08/2023

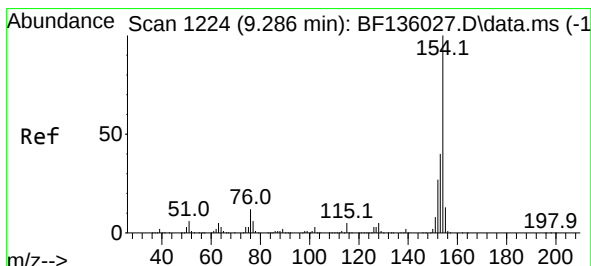
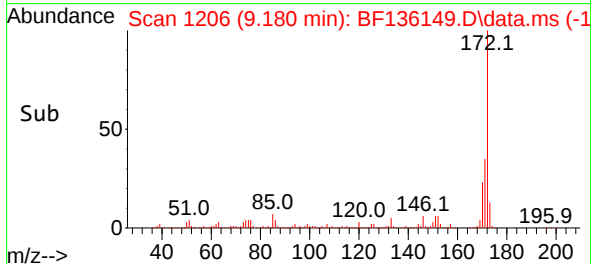
Supervised By :mohammad ahmed 11/08/2023



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Supervised By :mohammad  
ahmed

11/08/2023



#46

1,1'-Biphenyl

Concen: 41.649 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

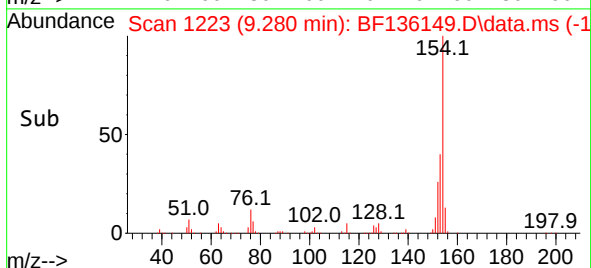
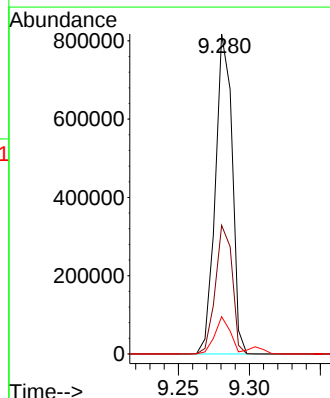
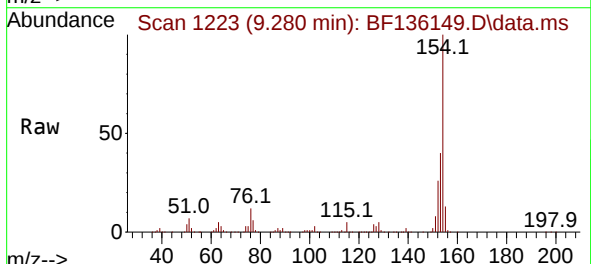
Tgt Ion:154 Resp: 670248

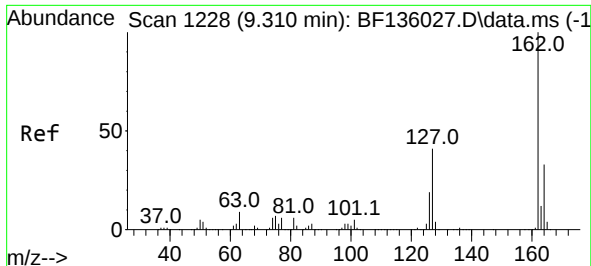
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 11.7 0.0 32.5





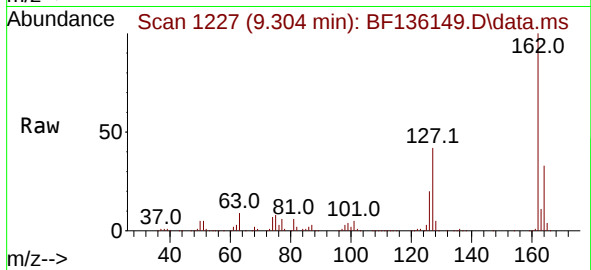
#47  
2-Chloronaphthalene  
Concen: 41.828 ng  
RT: 9.304 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



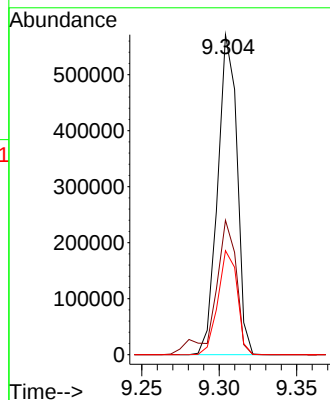
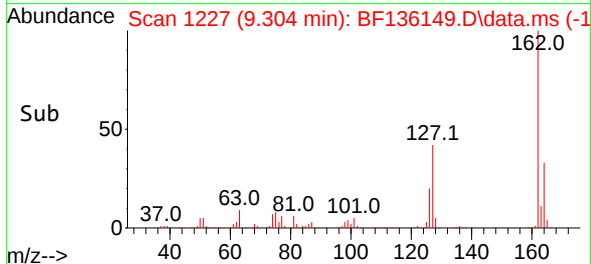
Tgt Ion:162 Resp: 496230  
Ion Ratio Lower Upper  
162 100  
127 42.0 32.4 48.6  
164 32.5 26.7 40.1

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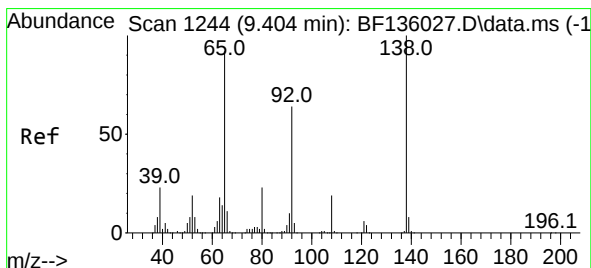
Supervised By :mohammad ahmed 11/08/2023



11/08/2023

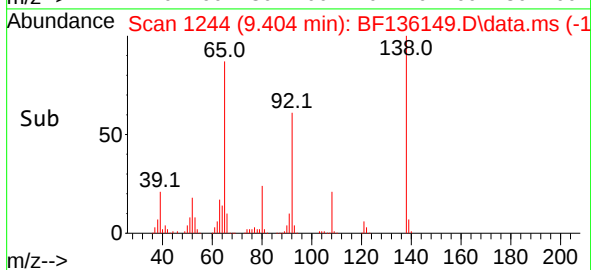
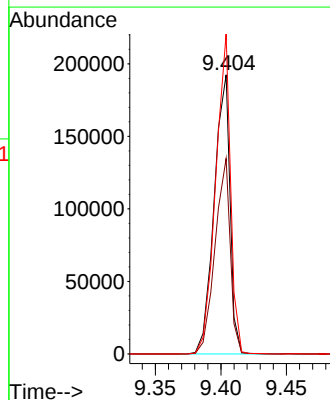
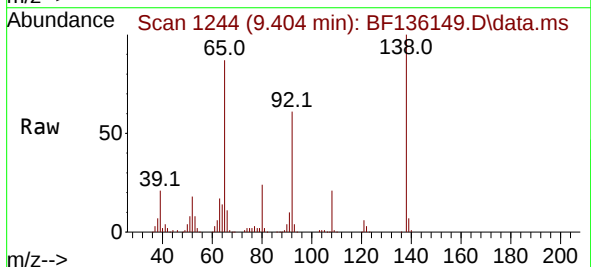
Supervised By :mohammad  
ahmed

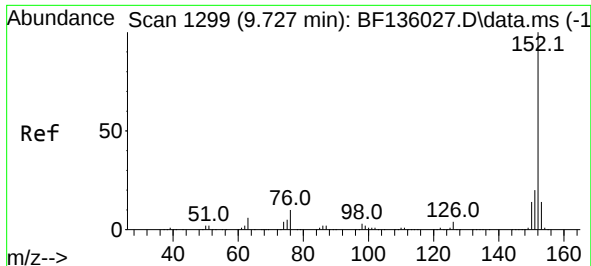
11/08/2023



#48  
2-Nitroaniline  
Concen: 46.019 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion: 65 Resp: 161572  
Ion Ratio Lower Upper  
65 100  
92 70.0 55.7 83.5  
138 114.6 86.8 130.2





#49

Acenaphthylene

Concen: 41.832 ng

RT: 9.722 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 774218

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

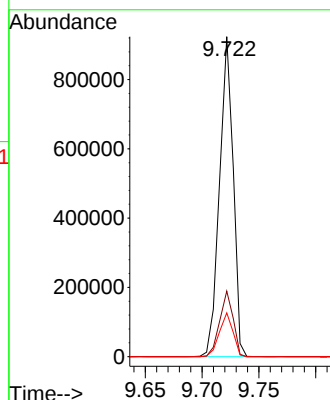
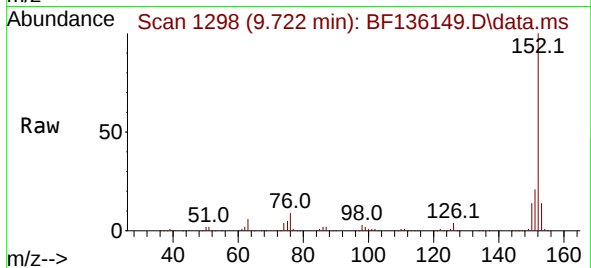
153 13.7 11.4 17.2

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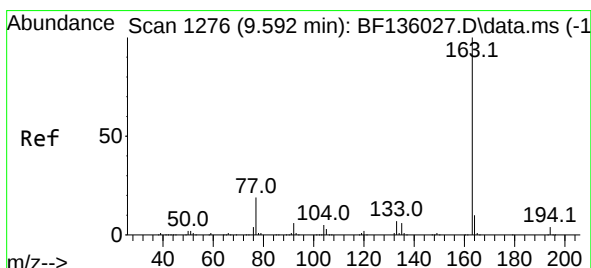
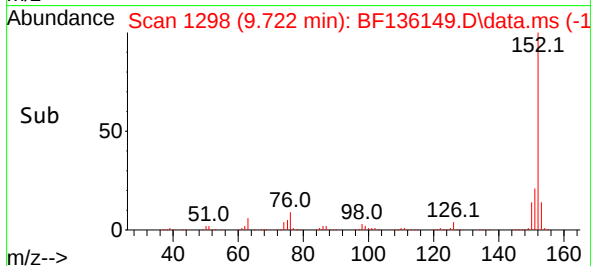
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#50

Dimethylphthalate

Concen: 42.274 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

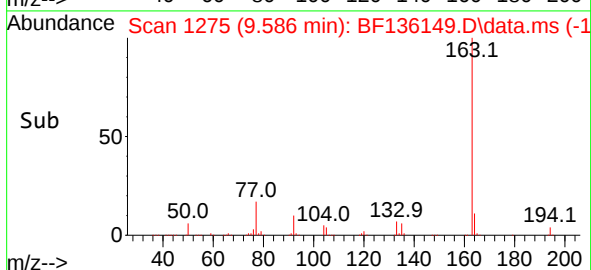
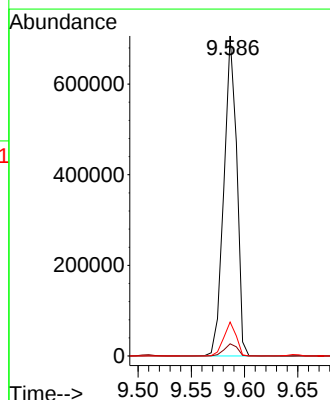
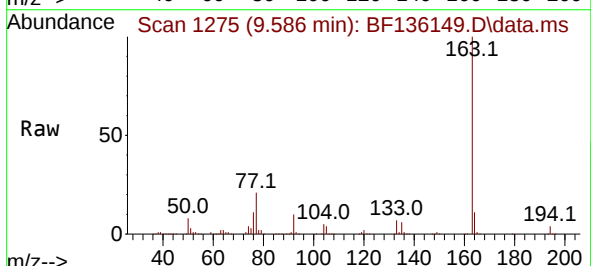
Tgt Ion:163 Resp: 588651

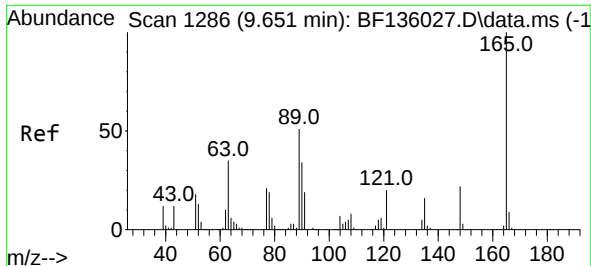
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.6 8.1 12.1





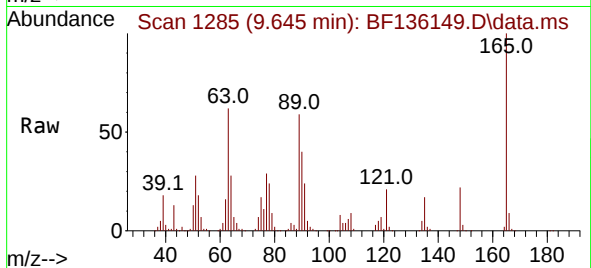
#51  
2,6-Dinitrotoluene  
Concen: 44.933 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

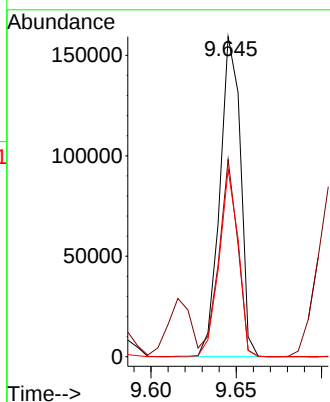
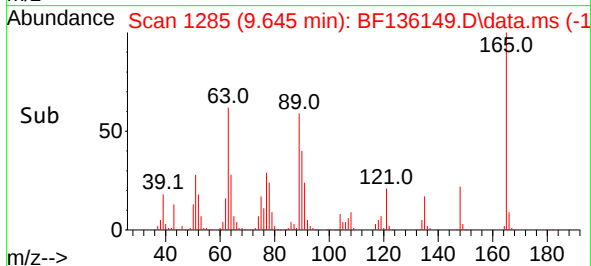
SSTDCCC040



Tgt Ion:165 Resp: 13382  
Ion Ratio Lower Upper  
165 100  
63 61.6 40.8 61.2  
89 58.6 41.1 61.7

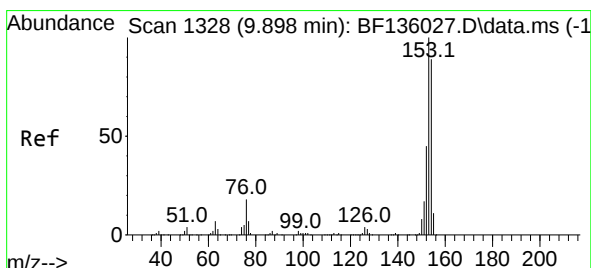
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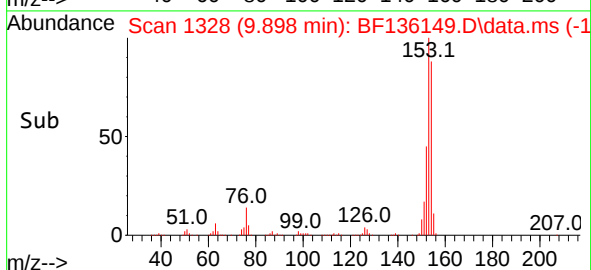
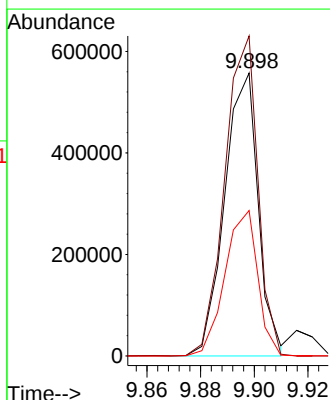
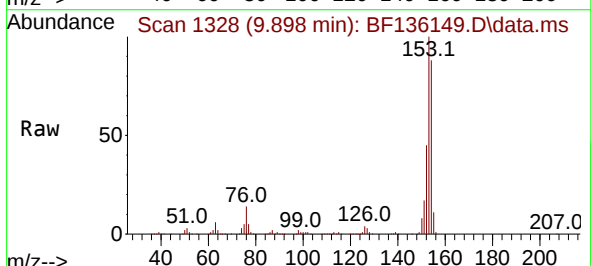
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ahmed

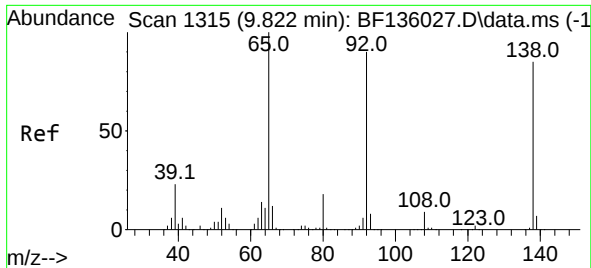
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#52  
Acenaphthene  
Concen: 41.241 ng m  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:154 Resp: 485219  
Ion Ratio Lower Upper  
154 100  
153 113.1 89.9 134.9  
152 51.4 40.2 60.2





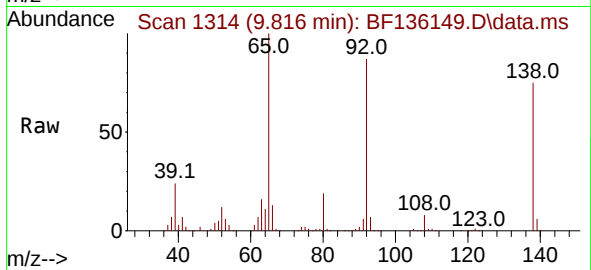
#53  
3-Nitroaniline  
Concen: 42.629 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



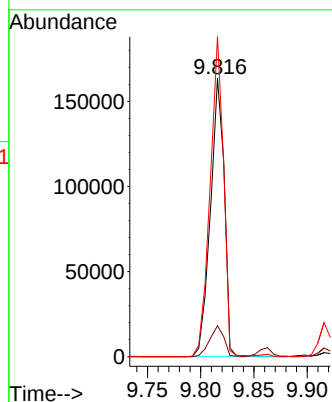
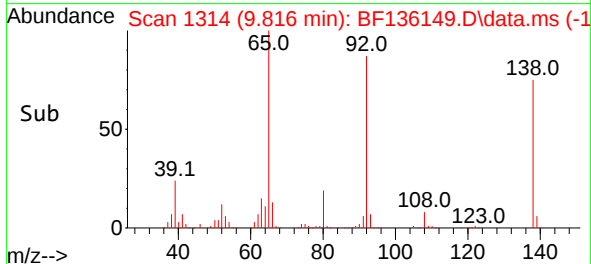
Tgt Ion:138 Resp: 148138  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.8 13.2  
92 115.0 84.6 126.8

Manual Integrations

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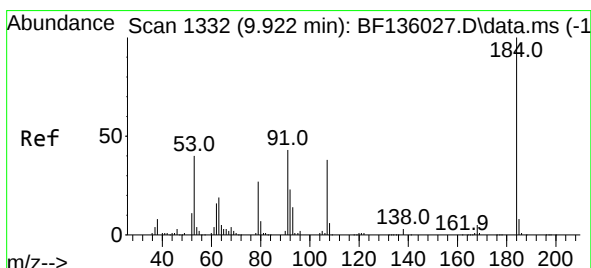
Supervised By :mohammad ahmed 11/08/2023



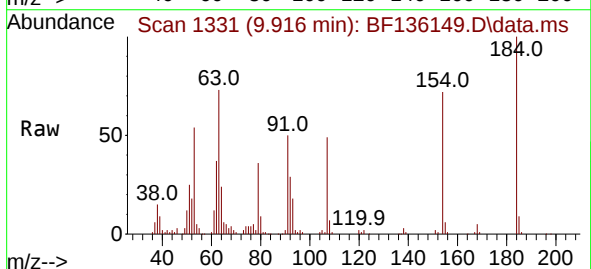
11/08/2023

Supervised By :mohammad  
ahmed

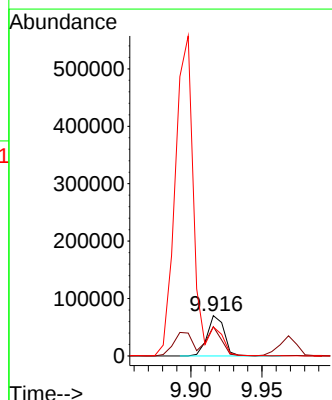
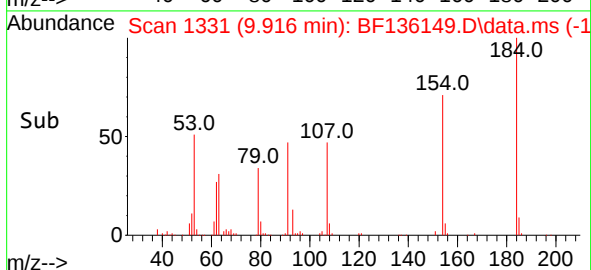
11/08/2023

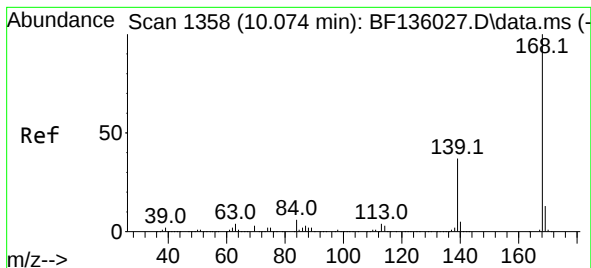


#54  
2,4-Dinitrophenol  
Concen: 40.543 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



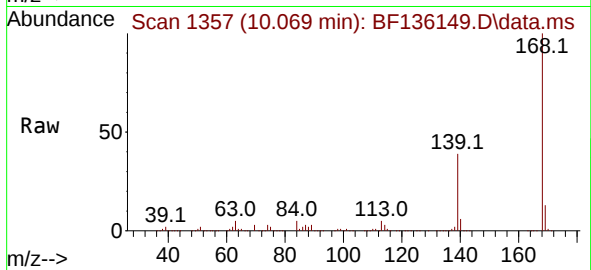
Tgt Ion:184 Resp: 58387  
Ion Ratio Lower Upper  
184 100  
63 72.8 43.7 65.5#  
154 72.0 51.2 76.8





#55  
Dibenzenofuran  
Concen: 41.985 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

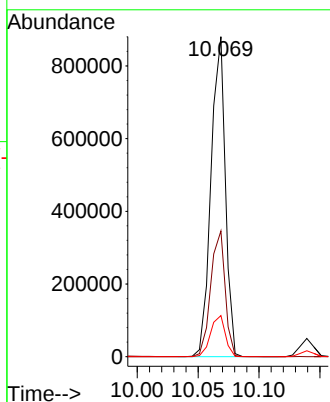
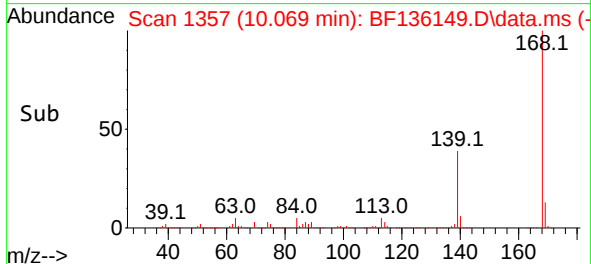
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 72028  
Ion Ratio Lower Upper  
168 100  
139 39.3 29.4 44.0  
169 12.8 10.5 15.7

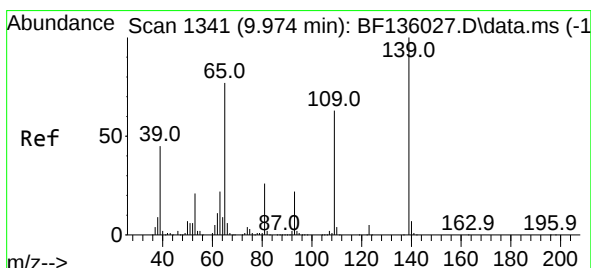
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023

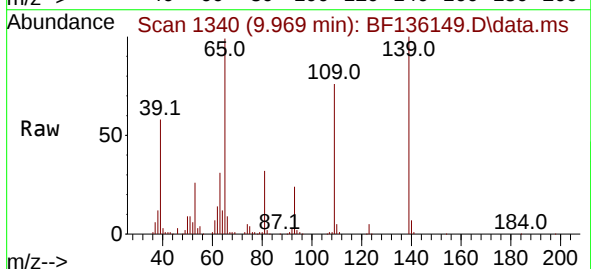


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Supervised By :mohammad  
ahmed

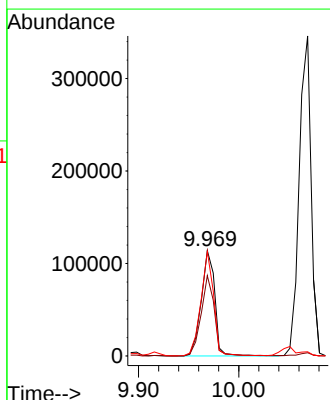
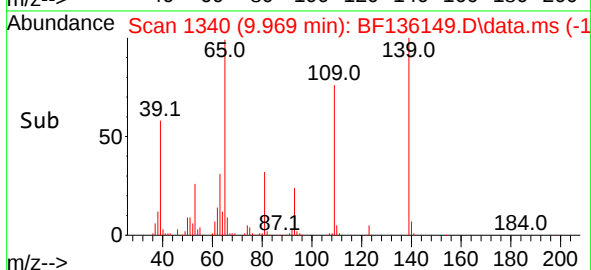
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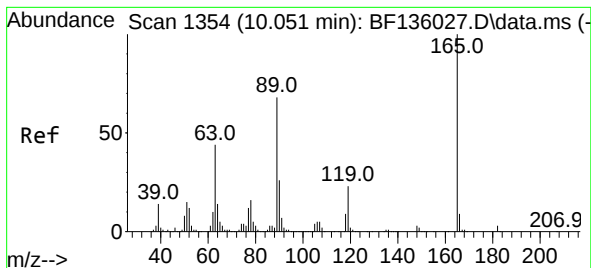


#56  
4-Nitrophenol  
Concen: 41.338 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:139 Resp: 107453  
Ion Ratio Lower Upper  
139 100  
109 76.2 43.2 83.2  
65 99.3 57.6 97.6#





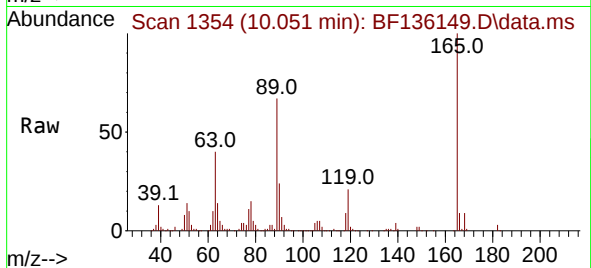
#57  
2,4-Dinitrotoluene  
Concen: 46.681 ng  
RT: 10.051 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



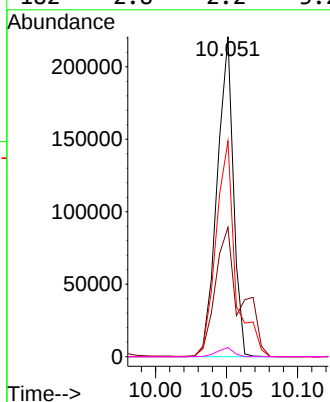
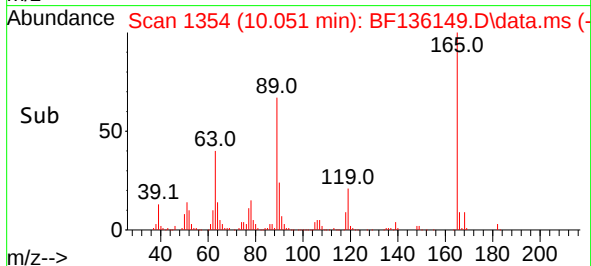
Tgt Ion:165 Resp: 175900  
Ion Ratio Lower Upper  
165 100  
63 40.4 35.2 52.8  
89 67.4 54.8 82.2  
182 2.8 2.2 3.2

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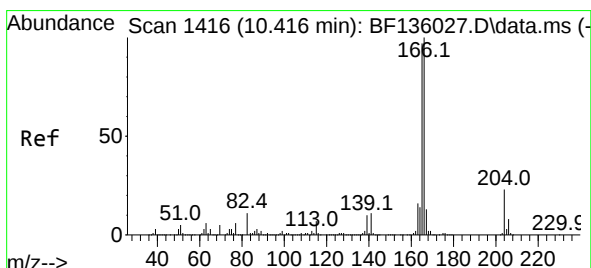
Supervised By :mohammad ahmed 11/08/2023



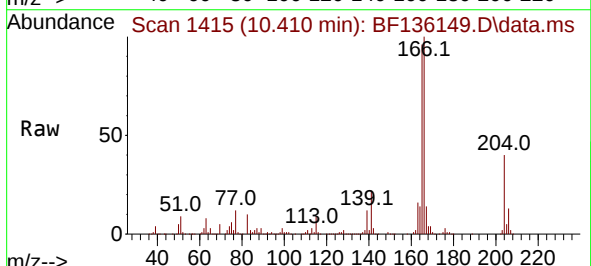
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Supervised By :mohammad  
ahmed

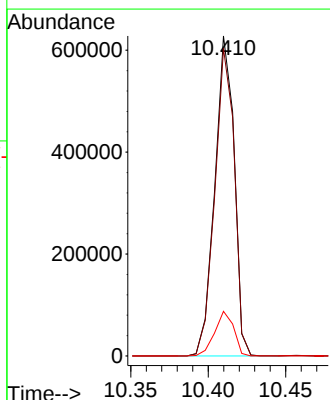
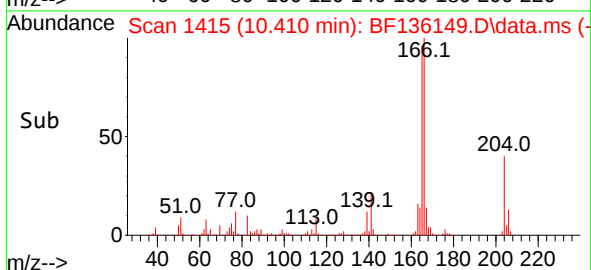
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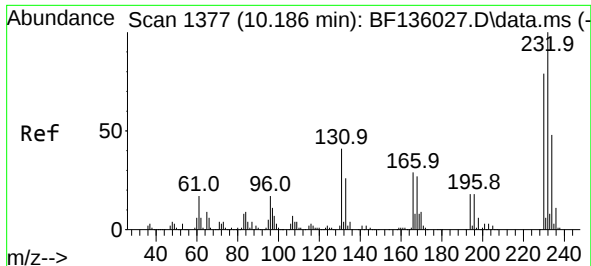


#58  
Fluorene  
Concen: 42.537 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



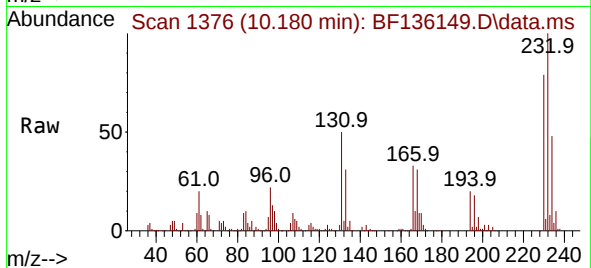
Tgt Ion:166 Resp: 546387  
Ion Ratio Lower Upper  
166 100  
165 96.1 77.7 116.5  
167 14.0 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.309 ng  
RT: 10.180 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

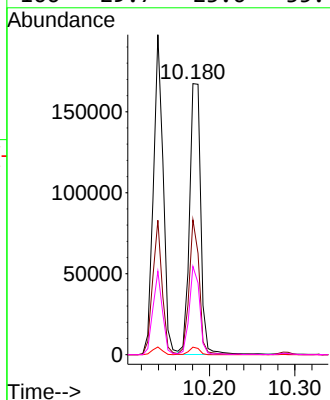
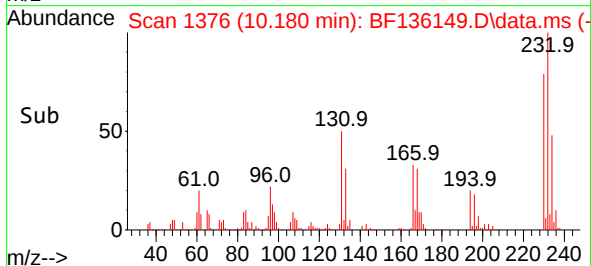
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 15295  
Ion Ratio Lower Upper  
232 100  
131 44.2 34.6 52.0  
130 2.6 1.6 2.4  
166 29.7 23.6 35.4

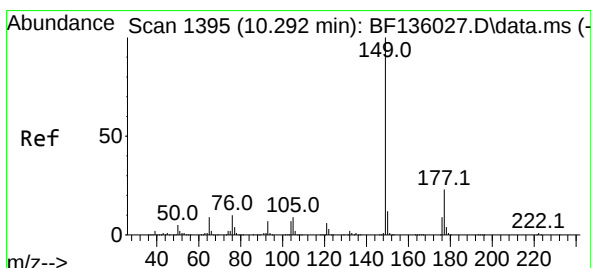
Manual Integrations  
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Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023



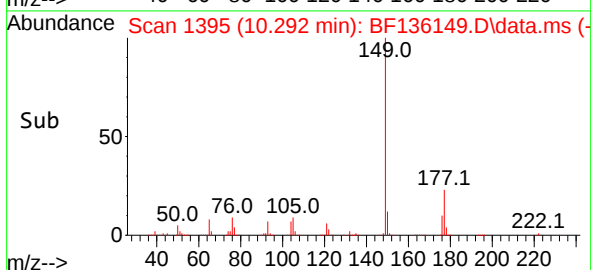
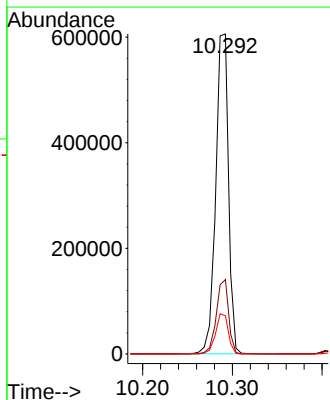
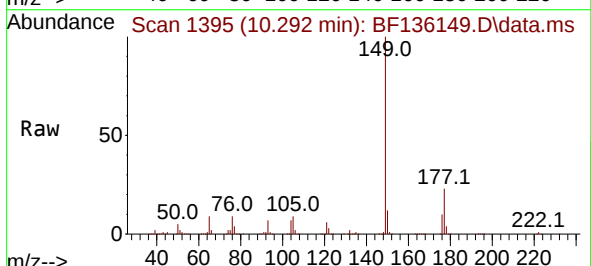
11/08/2023  
Supervised By :mohammad  
ahmed

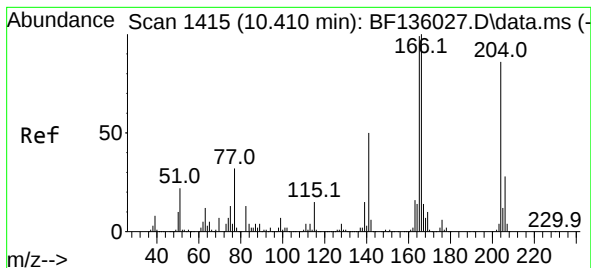
11/08/2023



#60  
Diethylphthalate  
Concen: 45.013 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:149 Resp: 598887  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.2 27.4  
150 12.0 9.9 14.9





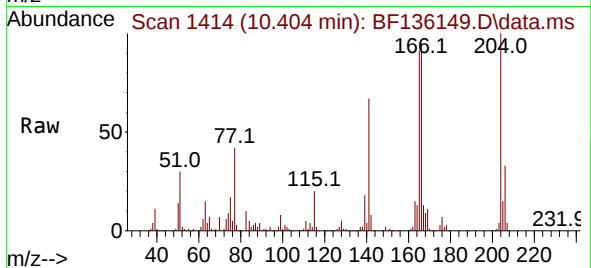
#61  
4-Chlorophenyl-phenylether  
Concen: 42.264 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



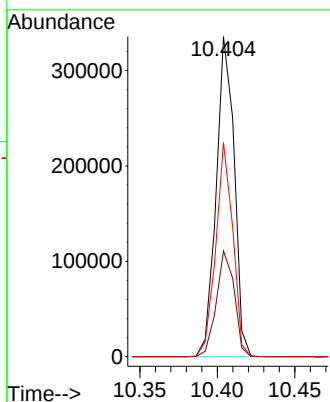
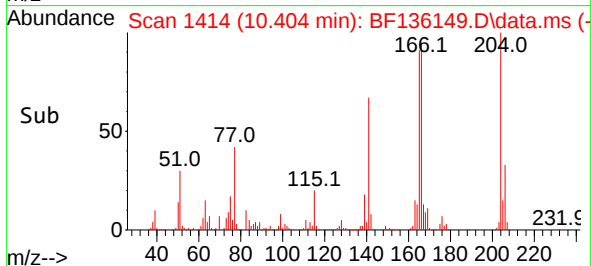
Tgt Ion:204 Resp: 270989  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.6 39.8  
141 66.9 46.8 70.2

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Reviewed By :Yogesh Patel 11/08/2023

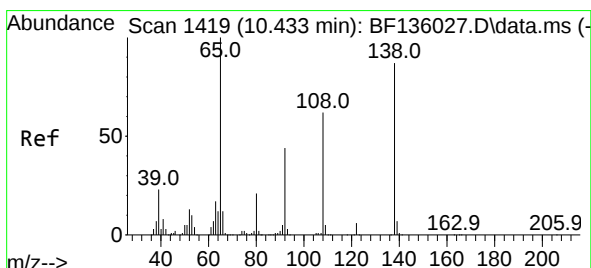
Supervised By :mohammad ahmed 11/08/2023



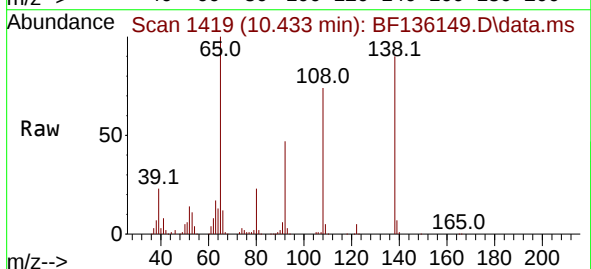
11/08/2023

Supervised By :mohammad  
ahmed

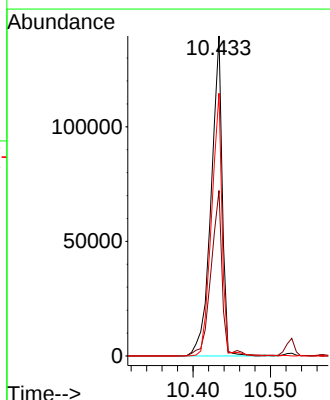
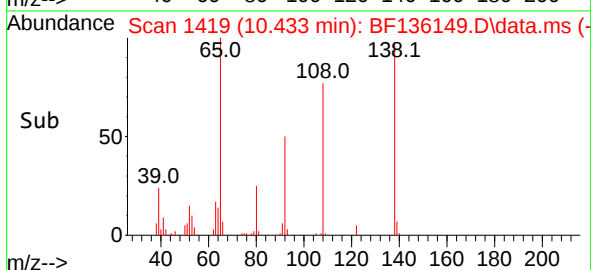
11/08/2023



#62  
4-Nitroaniline  
Concen: 41.735 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:138 Resp: 139654  
Ion Ratio Lower Upper  
138 100  
92 51.7 30.6 70.6  
108 82.1 51.5 91.5





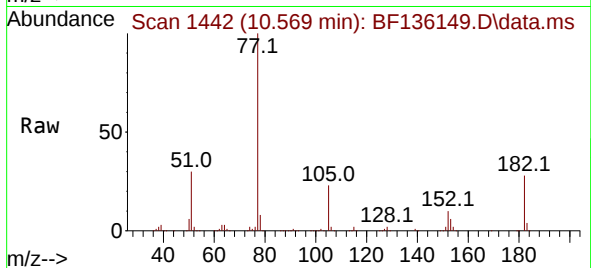
#63  
Azobenzene  
Concen: 41.975 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



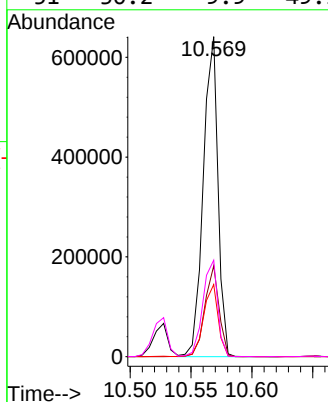
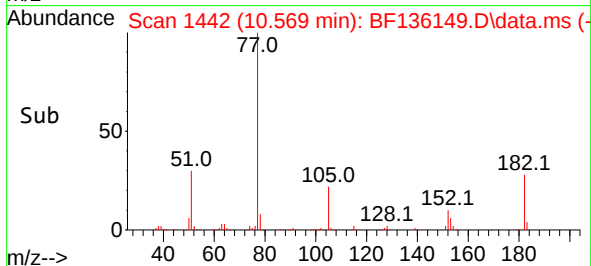
Tgt Ion: 77 Resp: 53783  
Ion Ratio Lower Upper  
77 100  
182 28.4 5.0 45.0  
105 22.5 2.6 42.6  
51 30.2 9.9 49.9

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Reviewed By :Yogesh Patel 11/08/2023

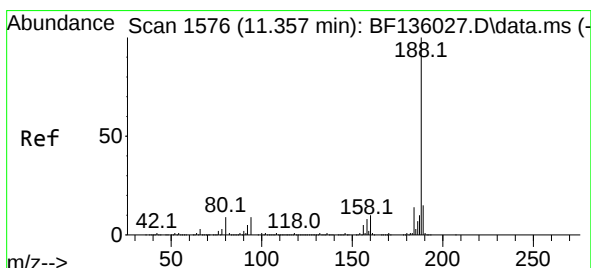
Supervised By :mohammad ahmed 11/08/2023



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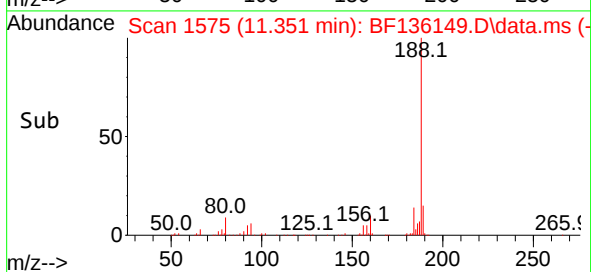
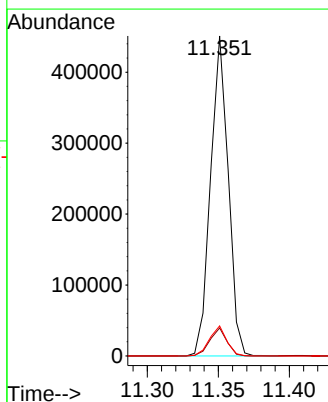
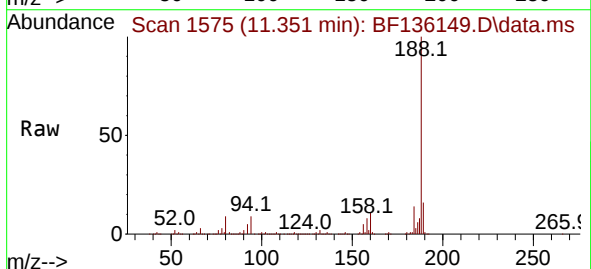
Supervised By :mohammad  
ahmed

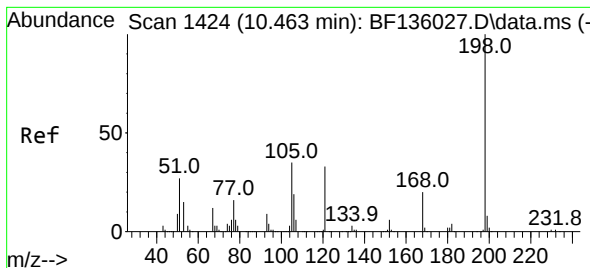
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:188 Resp: 390010  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.2 10.8  
80 9.4 7.4 11.0





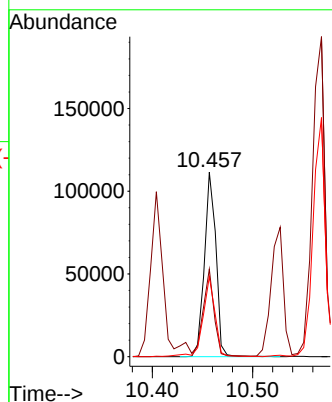
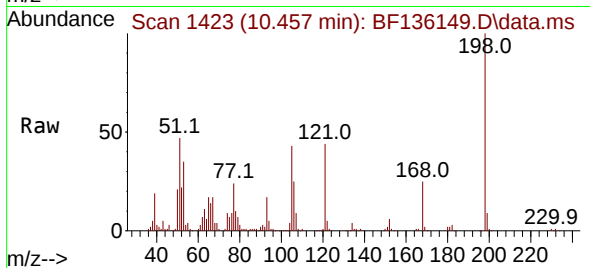
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.470 ng  
RT: 10.457 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 89380  
Ion Ratio Lower Upper  
198 100  
51 47.4 12.9 52.9  
105 43.4 16.0 56.0

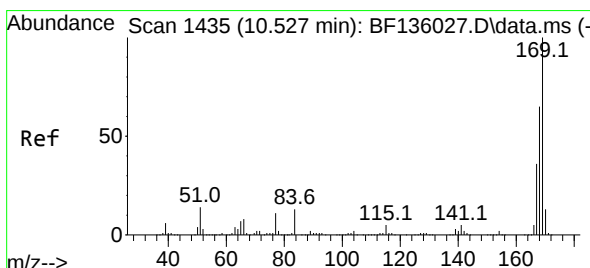
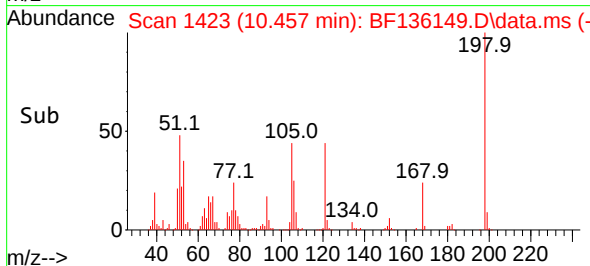
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Supervised By :mohammad ahmed 11/08/2023



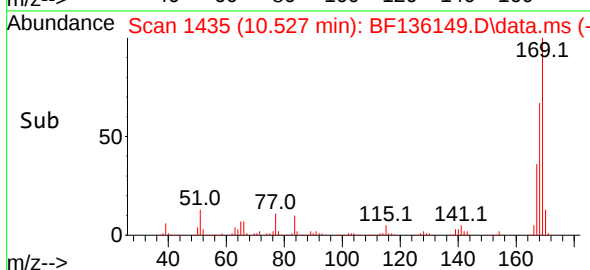
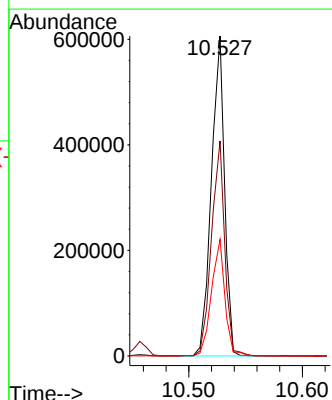
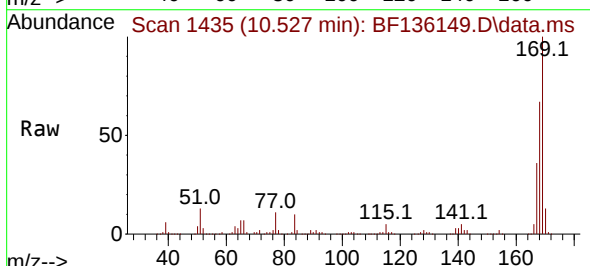
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Supervised By :mohammad  
ahmed

11/08/2023



#66  
n-Nitrosodiphenylamine  
Concen: 41.373 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

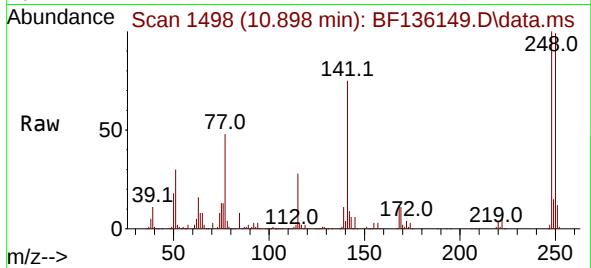
Tgt Ion:169 Resp: 486754  
Ion Ratio Lower Upper  
169 100  
168 67.2 52.2 78.2  
167 36.4 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 43.259 ng  
RT: 10.898 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

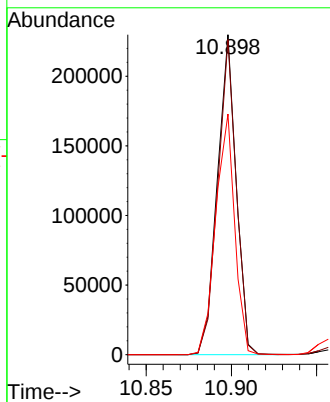
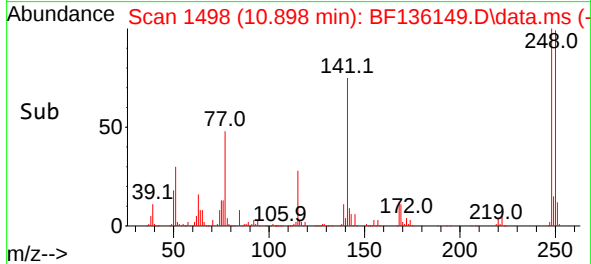
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:248 Resp: 17688  
Ion Ratio Lower Upper  
248 100  
250 98.5 77.6 116.4  
141 75.2 50.4 75.6

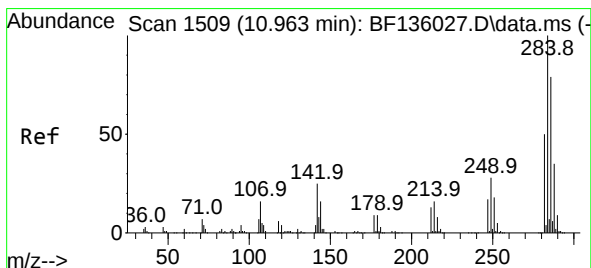
Manual Integrations  
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Supervised By :mohammad ahmed 11/08/2023

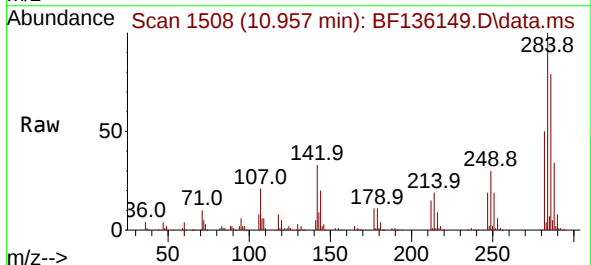


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Supervised By :mohammad  
ahmed

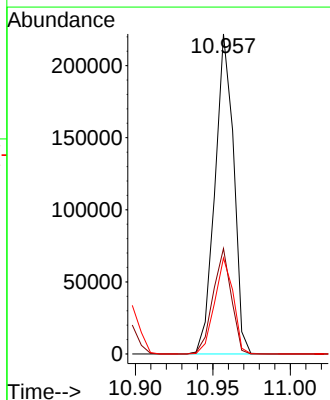
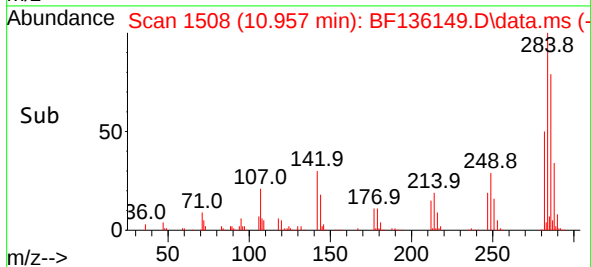
11/08/2023

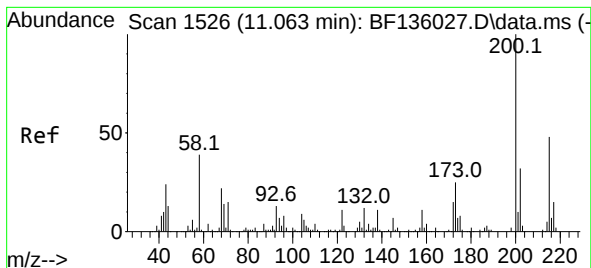


#68  
Hexachlorobenzene  
Concen: 42.504 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:284 Resp: 185619  
Ion Ratio Lower Upper  
284 100  
142 32.9 20.2 30.4#  
249 30.0 22.6 33.8





#69

Atrazine

Concen: 39.253 ng

RT: 11.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 125652

Ion Ratio Lower Upper

200 100

173 26.8 5.2 45.2

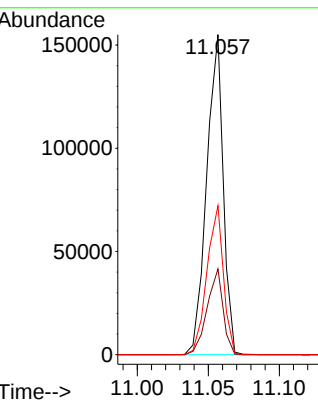
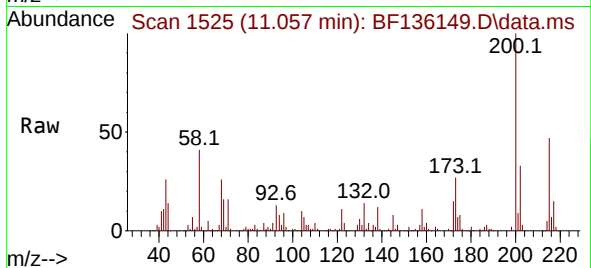
215 46.6 28.4 68.4

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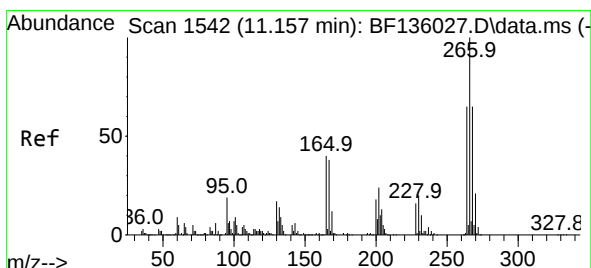
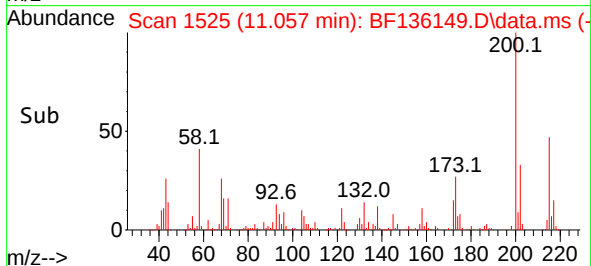
Supervised By :mohammad ahmed 11/08/2023



11/08/2023

Supervised By :mohammad  
ahmed

11/08/2023



#70

Pentachlorophenol

Concen: 41.780 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

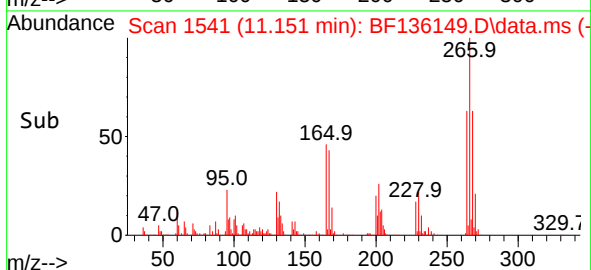
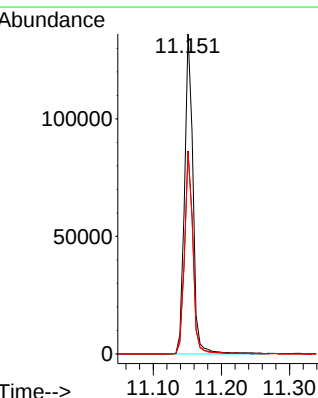
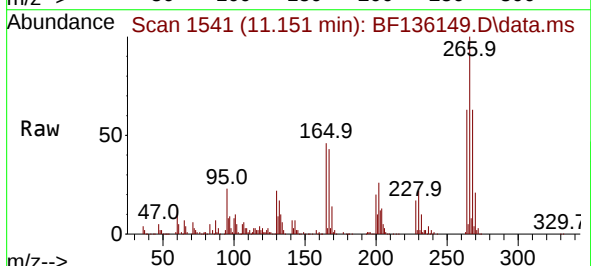
Tgt Ion:266 Resp: 117178

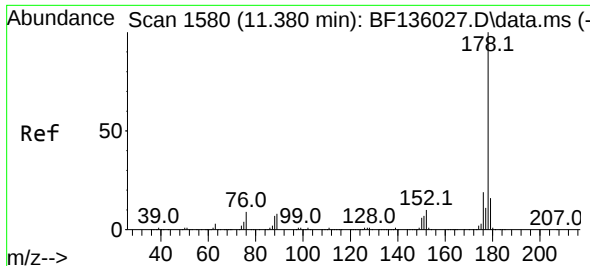
Ion Ratio Lower Upper

266 100

268 63.5 52.2 78.4

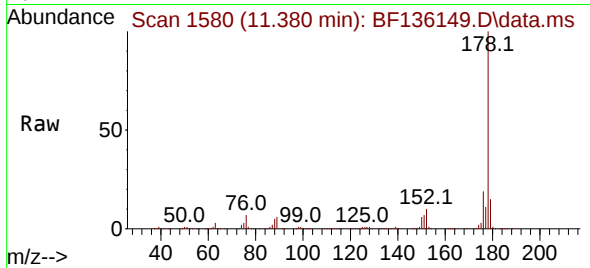
264 63.0 52.2 78.4





#71  
Phenanthrene  
Concen: 41.567 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

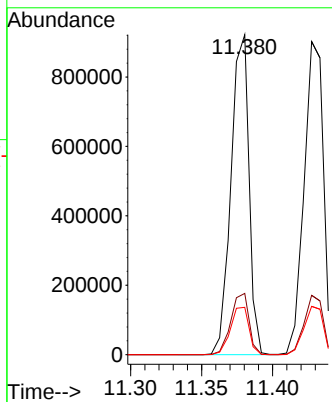
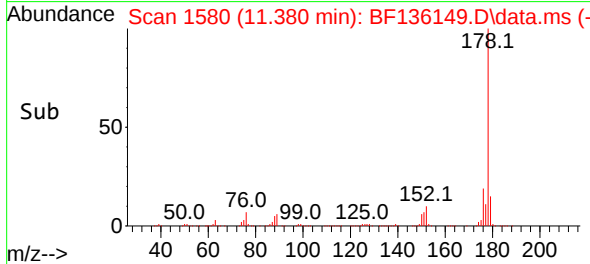
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 81626  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 14.8 12.9 19.3

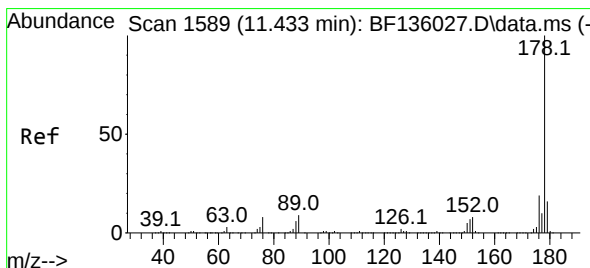
Manual Integrations  
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Supervised By :mohammad ahmed 11/08/2023



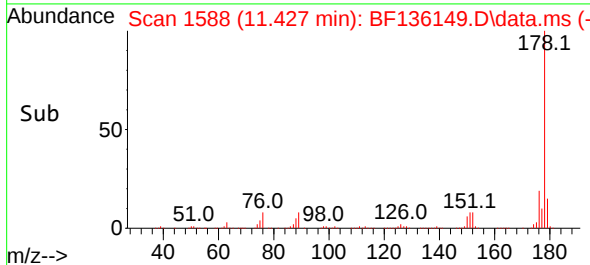
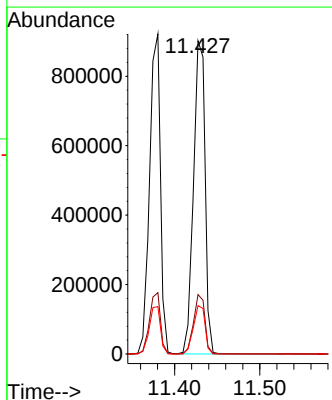
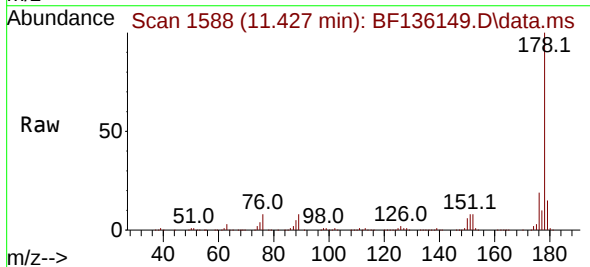
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#72  
Anthracene  
Concen: 42.464 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:178 Resp: 854462  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.4 12.6 18.8





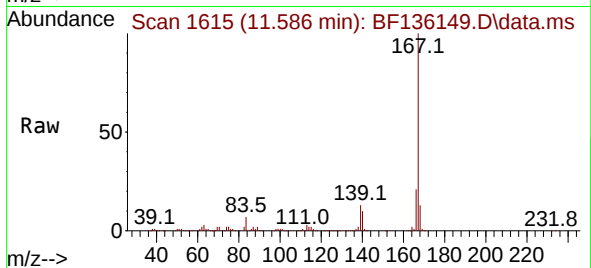
#73  
 Carbazole  
 Concen: 41.056 ng  
 RT: 11.586 min Scan# 1615  
 Delta R.T. 0.000 min  
 Lab File: BF136149.D  
 Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



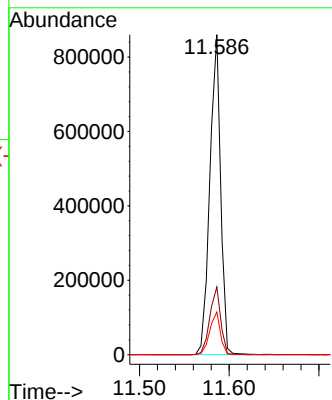
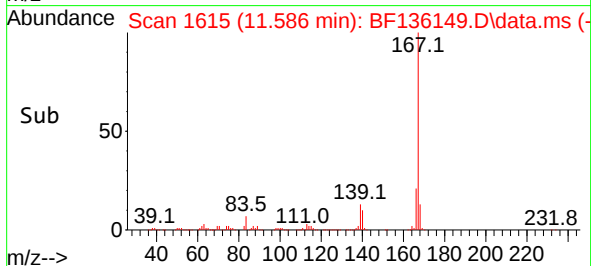
Tgt Ion:167 Resp: 71790  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.2 25.8  
 139 13.4 9.9 14.9

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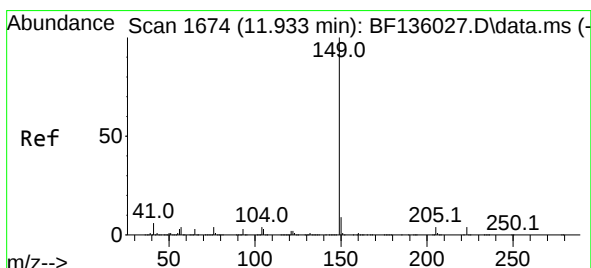
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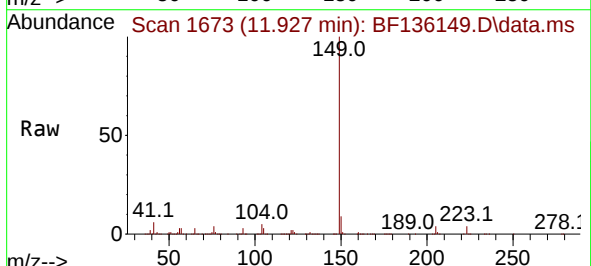
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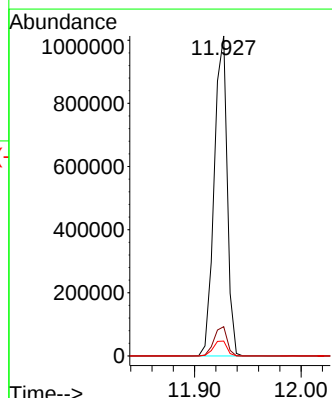
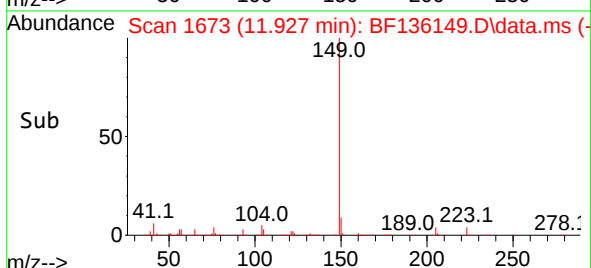
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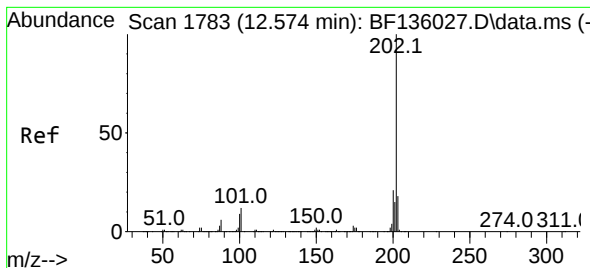


#74  
 Di-n-butylphthalate  
 Concen: 42.809 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. 0.000 min  
 Lab File: BF136149.D  
 Acq: 06 Nov 2023 12:01



Tgt Ion:149 Resp: 855335  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 4.7 3.6 5.4





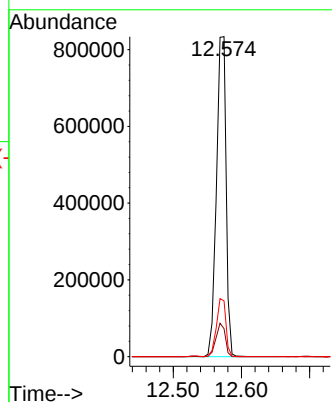
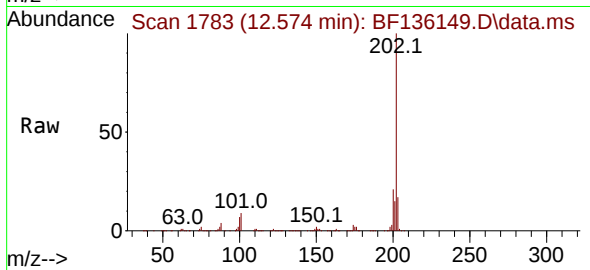
#75  
Fluoranthene  
Concen: 40.850 ng  
RT: 12.574 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:202 Resp: 824089  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 31.8  
203 17.5 0.0 37.9

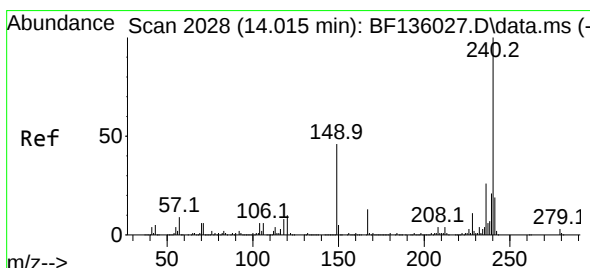
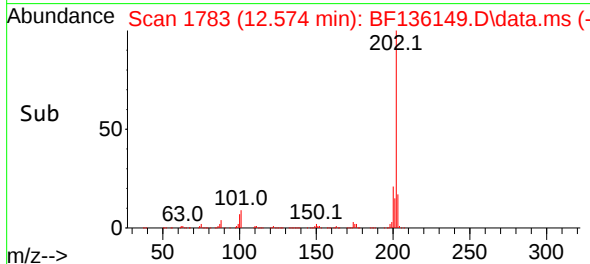
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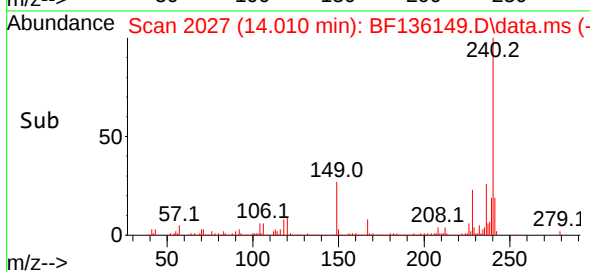
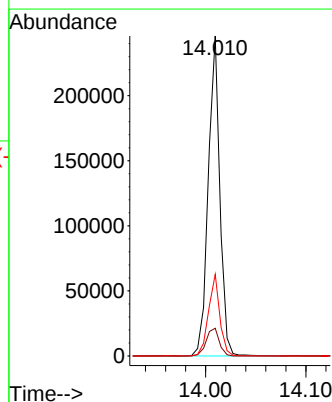
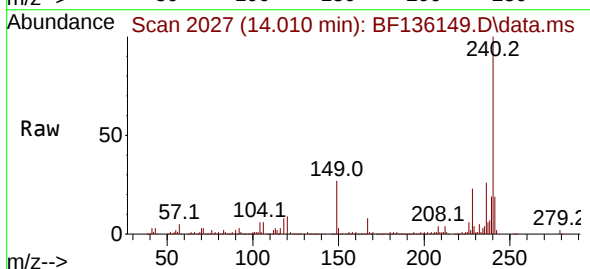
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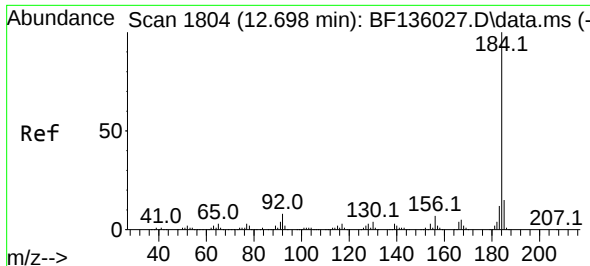
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

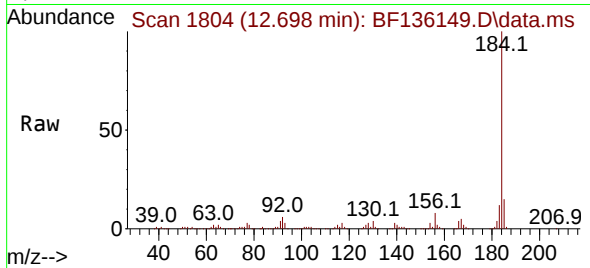
Tgt Ion:240 Resp: 198566  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.6 11.4  
236 25.5 20.6 31.0





#77  
Benzidine  
Concen: 48.147 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

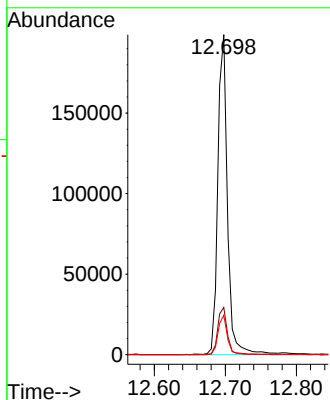
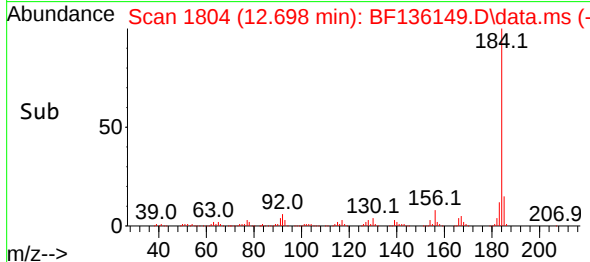
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 186338  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.8 17.8  
183 12.3 9.5 14.3

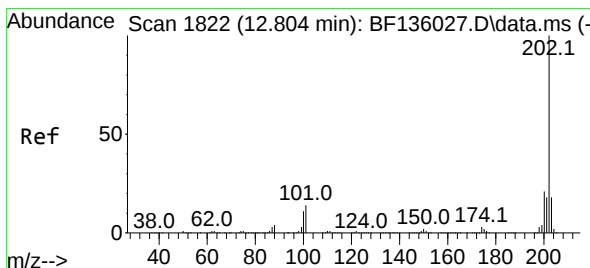
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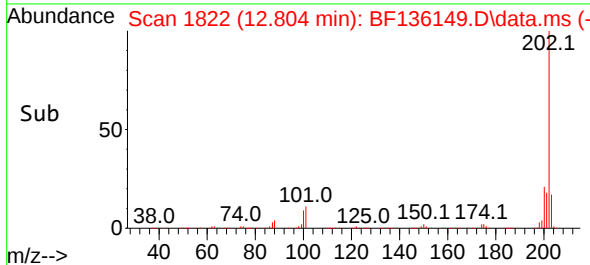
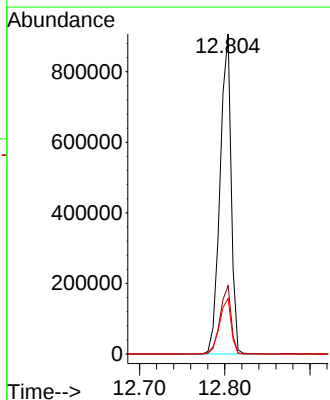
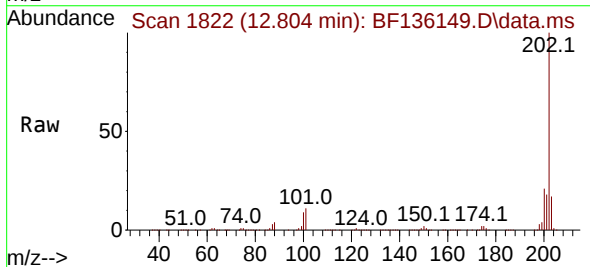
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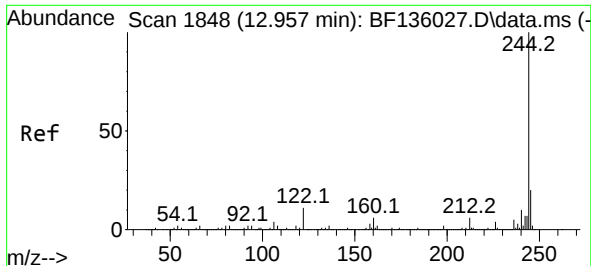
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#78  
Pyrene  
Concen: 46.731 ng  
RT: 12.804 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

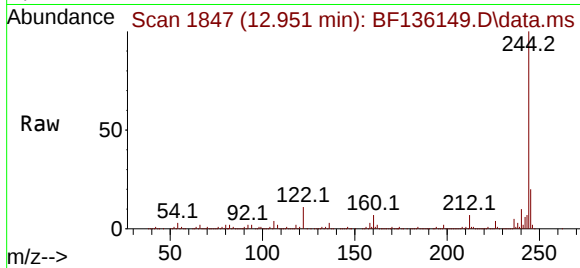
Tgt Ion:202 Resp: 818091  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.4  
203 17.3 14.4 21.6





#79  
 Terphenyl-d14  
 Concen: 94.540 ng  
 RT: 12.951 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF136149.D  
 Acq: 06 Nov 2023 12:01

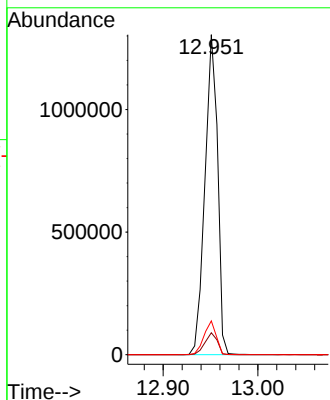
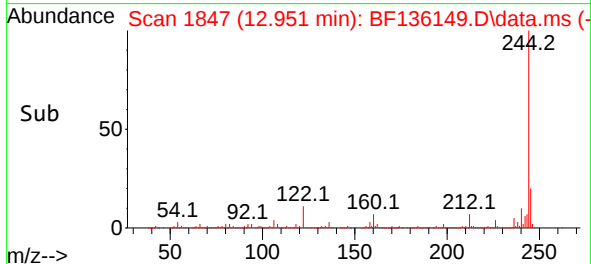
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:244 Resp: 1207980  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.1 7.7  
 122 10.6 8.6 12.8

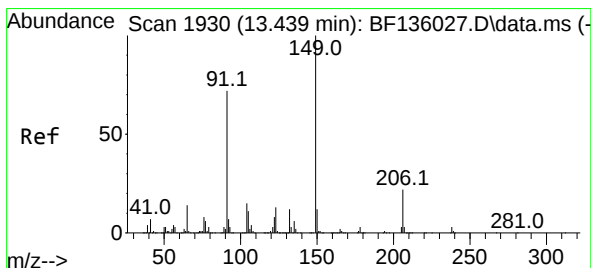
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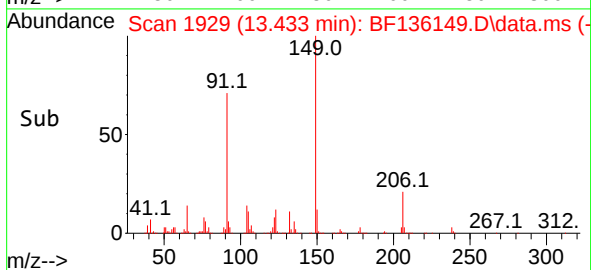
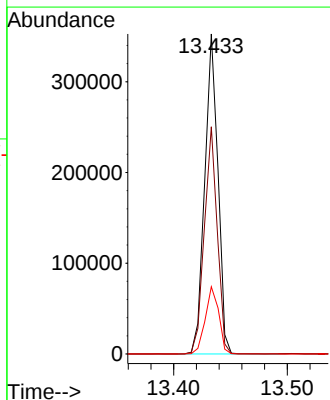
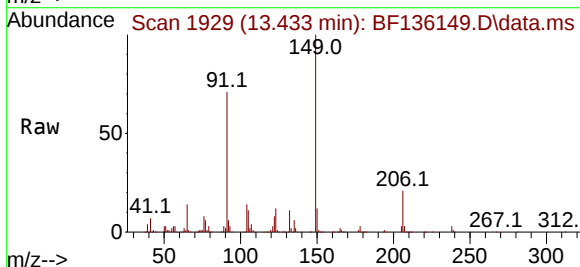
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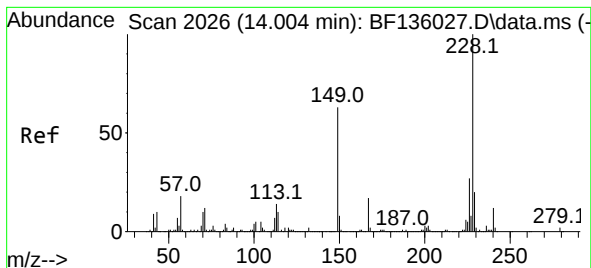
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#80  
 Butylbenzylphthalate  
 Concen: 45.182 ng  
 RT: 13.433 min Scan# 1929  
 Delta R.T. 0.000 min  
 Lab File: BF136149.D  
 Acq: 06 Nov 2023 12:01

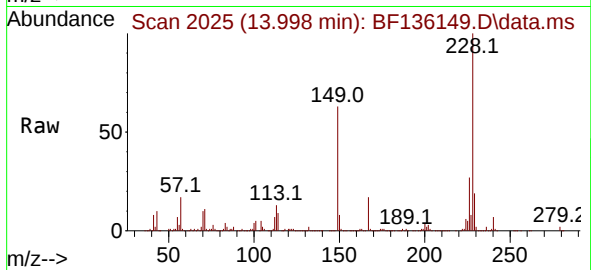
Tgt Ion:149 Resp: 283135  
 Ion Ratio Lower Upper  
 149 100  
 91 71.0 57.6 86.4  
 206 21.0 17.4 26.0





#81  
Benzo(a)anthracene  
Concen: 42.124 ng  
RT: 13.998 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

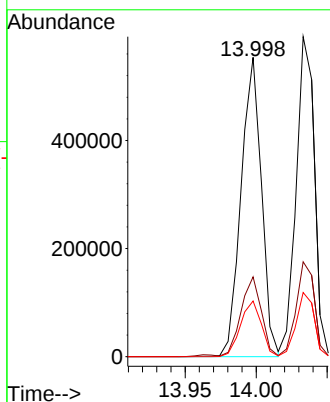
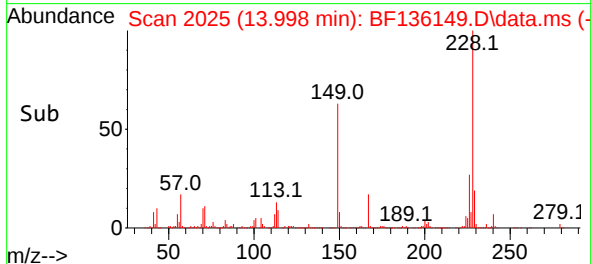
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 55374  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.5 32.3  
229 18.6 15.8 23.6

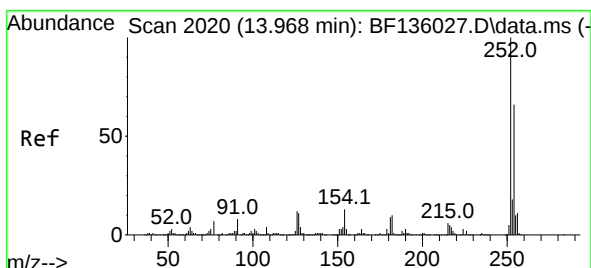
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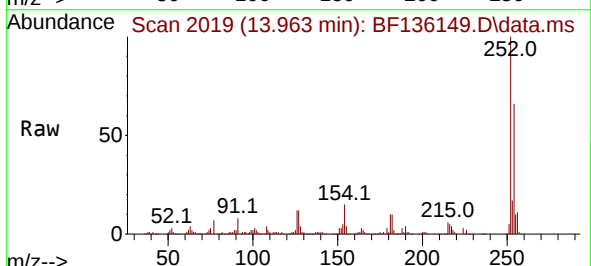


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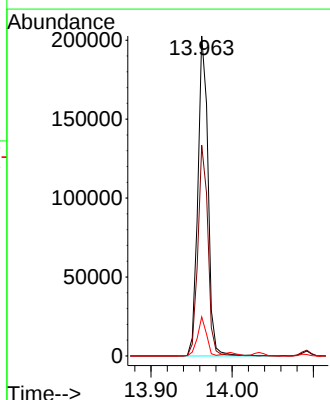
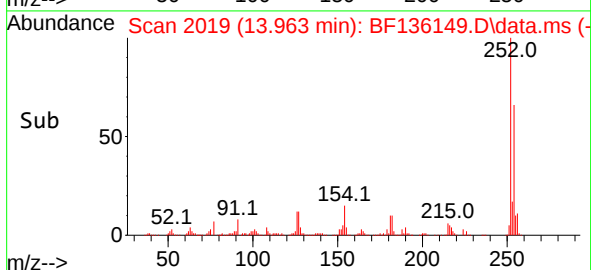
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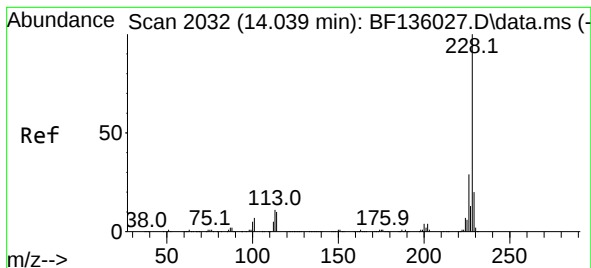


#82  
3,3'-Dichlorobenzidine  
Concen: 42.265 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:252 Resp: 177330  
Ion Ratio Lower Upper  
252 100  
254 65.9 52.5 78.7  
126 12.2 9.4 14.2





#83

Chrysene

Concen: 40.879 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

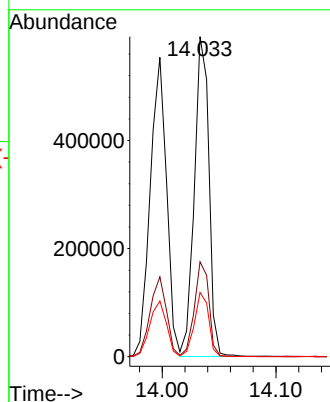
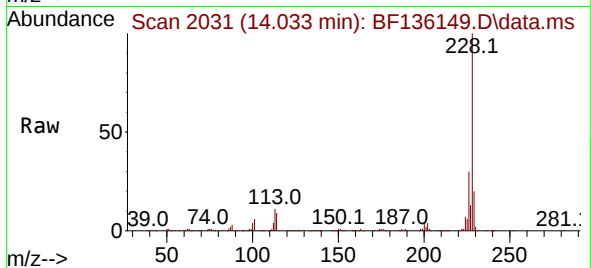
Tgt Ion:228 Resp: 529222  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 23.5 35.3  
 229 20.0 16.0 24.0

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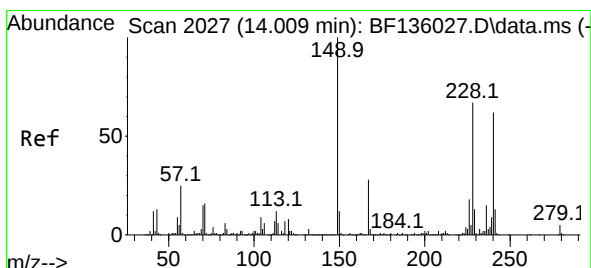
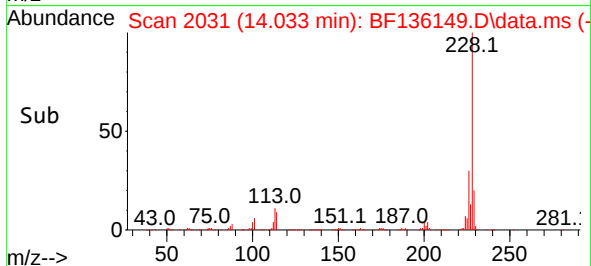
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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.373 ng

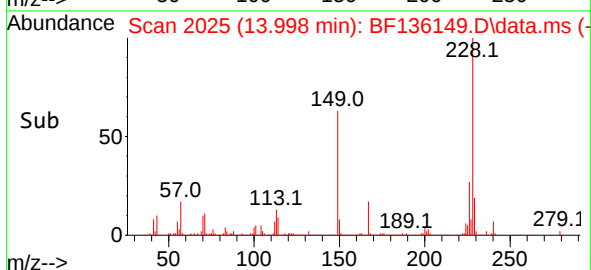
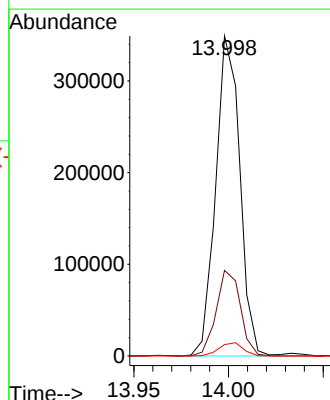
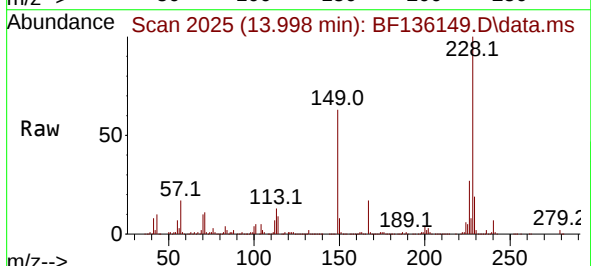
RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136149.D

Acq: 06 Nov 2023 12:01

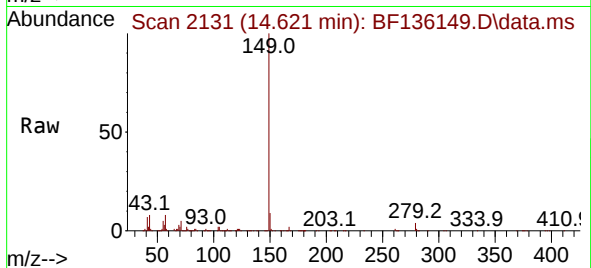
Tgt Ion:149 Resp: 309355  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 22.6 33.8  
 279 3.6 4.1 6.1#





#85  
Di-n-octyl phthalate  
Concen: 40.462 ng  
RT: 14.621 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

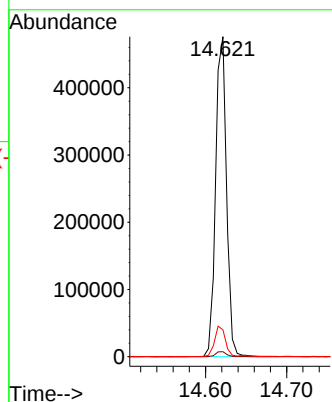
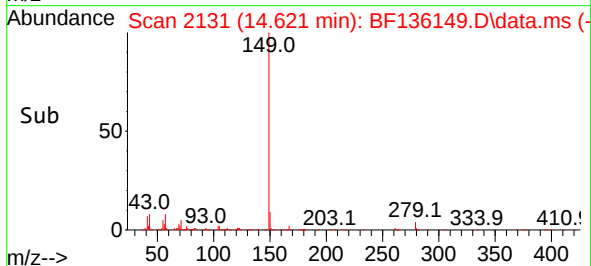
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 442533  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.6 7.6 11.4

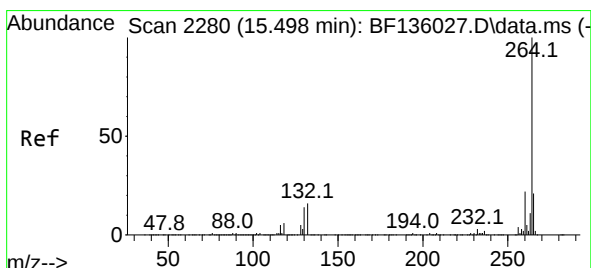
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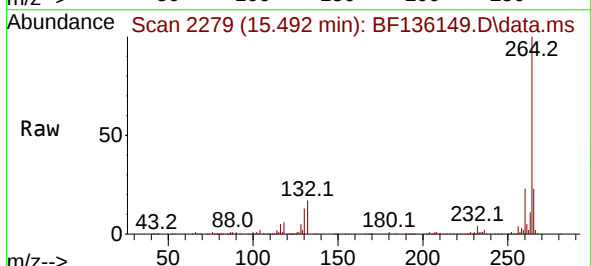


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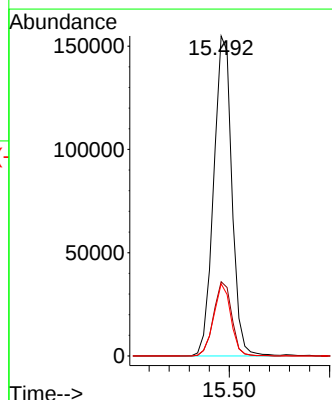
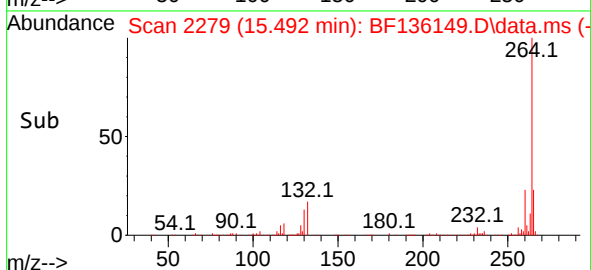
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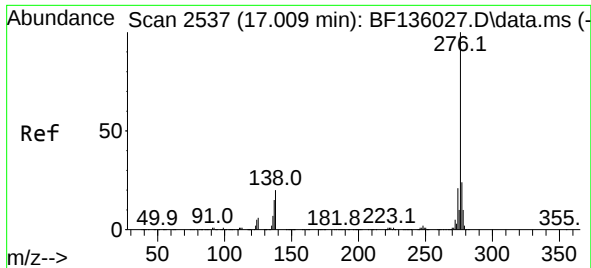


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.492 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:264 Resp: 195040  
Ion Ratio Lower Upper  
264 100  
260 23.2 17.9 26.9  
265 22.5 16.8 25.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.959 ng  
RT: 17.009 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

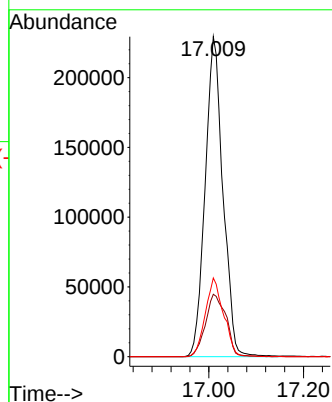
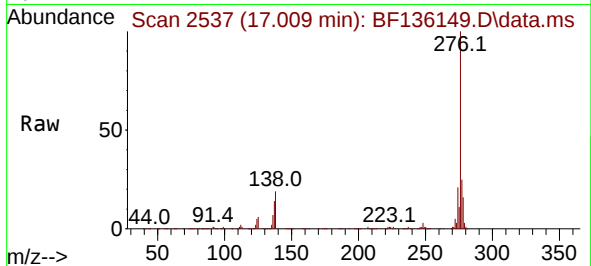
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 59858  
Ion Ratio Lower Upper  
276 100  
138 22.6 20.4 30.6  
277 25.3 20.2 30.2

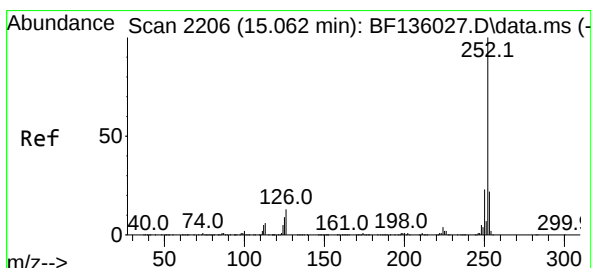
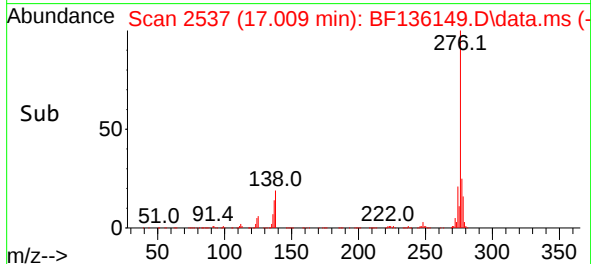
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Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023



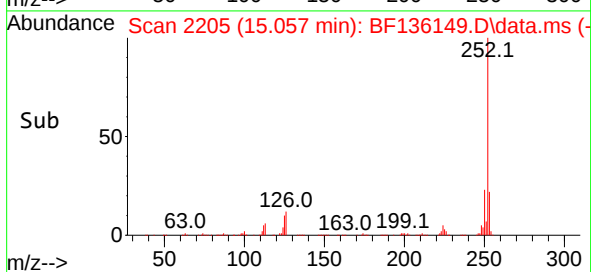
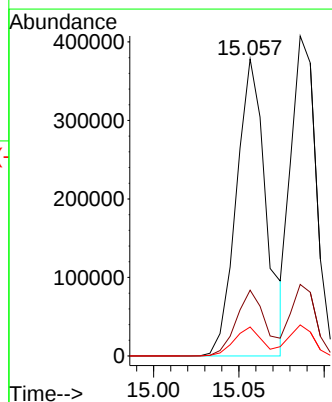
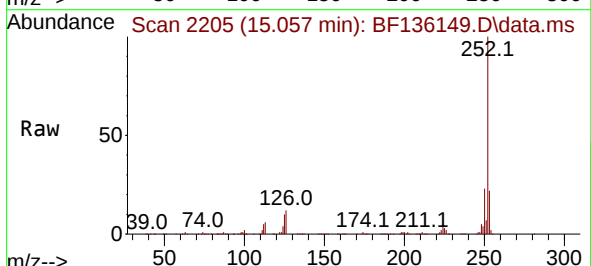
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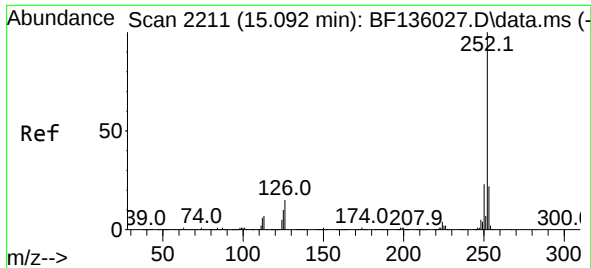
11/08/2023



#88  
Benzo(b)fluoranthene  
Concen: 39.743 ng  
RT: 15.057 min Scan# 2205  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:252 Resp: 458674  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 9.8 7.5 11.3





#89  
Benzo(k)fluoranthene  
Concen: 36.613 ng  
RT: 15.086 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

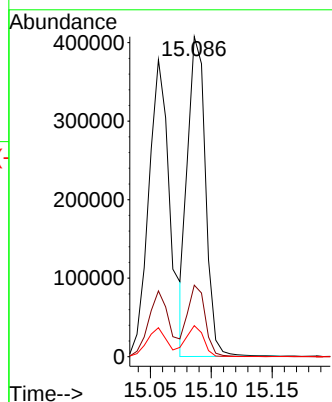
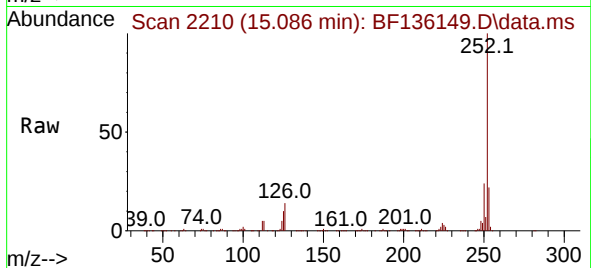
ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 41808  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.4 26.0  
125 9.7 8.0 12.0

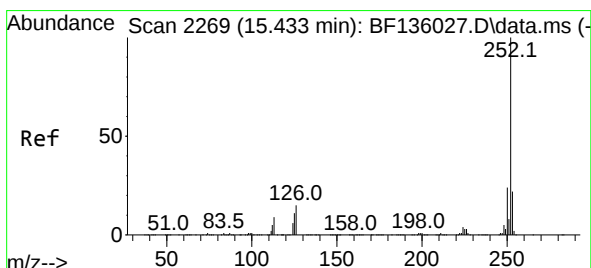
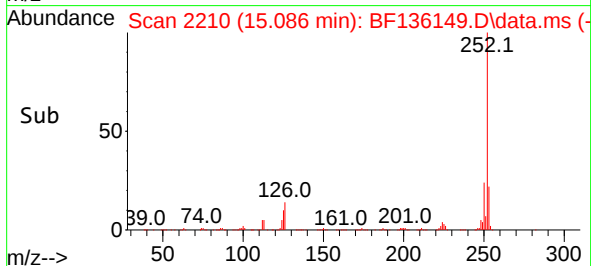
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023



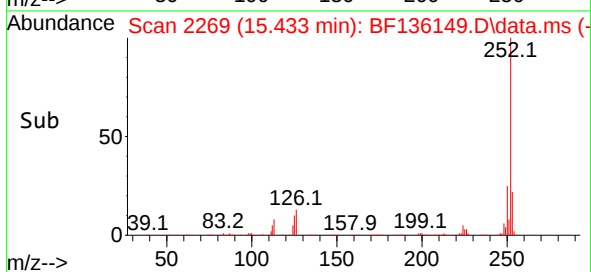
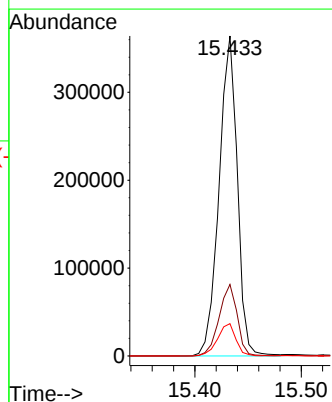
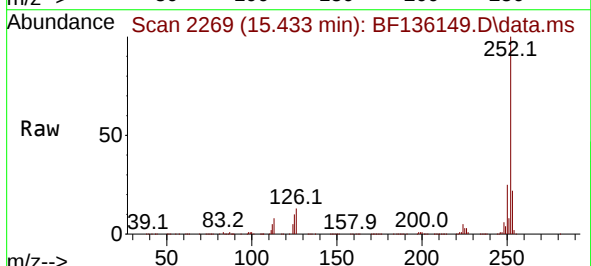
11/08/2023  
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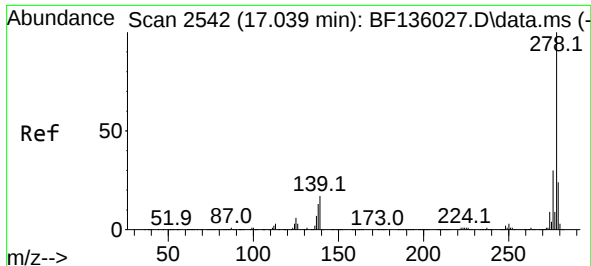
11/08/2023



#90  
Benzo(a)pyrene  
Concen: 40.367 ng  
RT: 15.433 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Tgt Ion:252 Resp: 432865  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 10.1 9.0 13.6





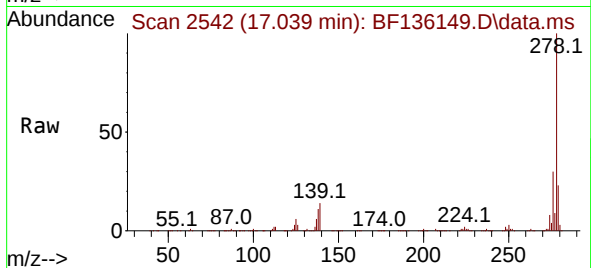
#91  
Dibenzo(a,h)anthracene  
Concen: 47.189 ng  
RT: 17.039 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

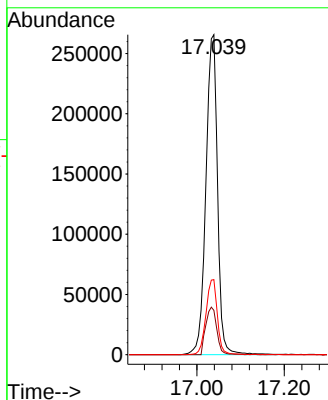
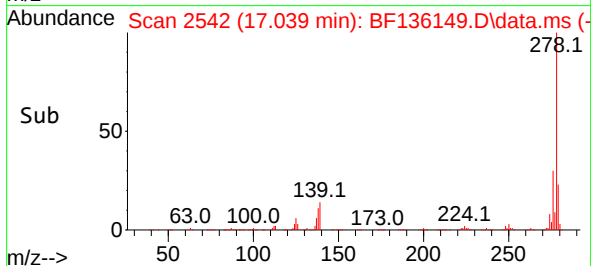
SSTDCCC040



Tgt Ion:278 Resp: 492721  
Ion Ratio Lower Upper  
278 100  
139 13.9 13.7 20.5  
279 23.5 19.0 28.6

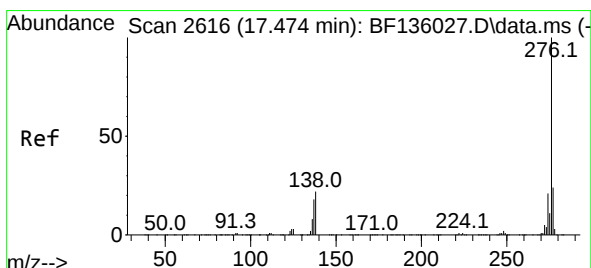
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/08/2023  
Supervised By :mohammad ahmed 11/08/2023

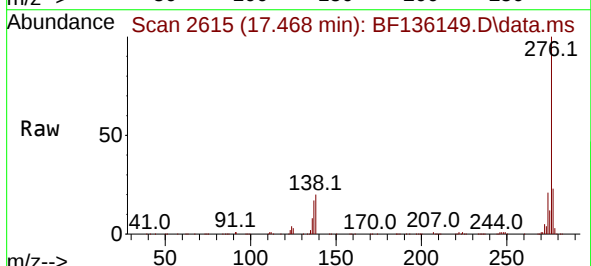


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Supervised By :mohammad  
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11/08/2023



#92  
Benzo(g,h,i)perylene  
Concen: 42.253 ng  
RT: 17.468 min Scan# 2615  
Delta R.T. -0.006 min  
Lab File: BF136149.D  
Acq: 06 Nov 2023 12:01



Tgt Ion:276 Resp: 497905  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.4  
138 19.9 17.4 26.2

