

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102324\  
 Data File : BF139952.D  
 Acq On : 23 Oct 2024 09:20  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 11:08:31 2024

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

## Internal Standards

|                           |        |     |        |        |    |      |
|---------------------------|--------|-----|--------|--------|----|------|
| 1) 1,4-Dichlorobenzene-d4 | 6.893  | 152 | 156634 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8        | 8.175  | 136 | 590130 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10      | 9.928  | 164 | 329153 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10      | 11.416 | 188 | 576587 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12          | 14.057 | 240 | 299183 | 20.000 | ng | 0.00 |
| 86) Perylene-d12          | 15.533 | 264 | 329130 | 20.000 | ng | 0.00 |

10/24/2024

Supervised By :mohammad

ahmed

10/25/2024

## System Monitoring Compounds

|                          |        |     |         |        |    |      |
|--------------------------|--------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.504  | 112 | 756653  | 75.624 | ng | 0.00 |
| 7) Phenol-d6             | 6.510  | 99  | 961945  | 74.232 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.451  | 82  | 865501  | 81.286 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 271250  | 88.103 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.251  | 172 | 1530540 | 76.849 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.998 | 244 | 1479656 | 80.588 | ng | 0.00 |

## Target Compounds

|                               |       |     |         |        |    | Qvalue |
|-------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                | 2.663 | 88  | 172780  | 37.037 | ng | 95     |
| 3) Pyridine                   | 3.434 | 79  | 426509  | 36.885 | ng | 97     |
| 4) n-Nitrosodimethylamine     | 3.381 | 42  | 221378  | 35.634 | ng | 97     |
| 6) Aniline                    | 6.557 | 93  | 456412  | 37.791 | ng | 97     |
| 8) 2-Chlorophenol             | 6.675 | 128 | 397094  | 38.822 | ng | 99     |
| 9) Benzaldehyde               | 6.440 | 77  | 254907  | 34.967 | ng | 99     |
| 10) Phenol                    | 6.528 | 94  | 503534m | 37.690 | ng |        |
| 11) bis(2-Chloroethyl)ether   | 6.628 | 93  | 386484  | 37.428 | ng | 98     |
| 12) 1,3-Dichlorobenzene       | 6.834 | 146 | 455424  | 38.787 | ng | 99     |
| 13) 1,4-Dichlorobenzene       | 6.910 | 146 | 458258  | 39.065 | ng | 99     |
| 14) 1,2-Dichlorobenzene       | 7.063 | 146 | 427711  | 39.067 | ng | 98     |
| 15) Benzyl Alcohol            | 7.028 | 79  | 360813  | 37.958 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45  | 627431  | 35.635 | ng | 99     |
| 17) 2-Methylphenol            | 7.134 | 107 | 334711  | 38.376 | ng | 99     |
| 18) Hexachloroethane          | 7.404 | 117 | 163379  | 39.057 | ng | 98     |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70  | 285035  | 36.267 | ng | 97     |
| 20) 3+4-Methylphenols         | 7.287 | 107 | 419114  | 37.569 | ng | 99     |
| 22) Acetophenone              | 7.298 | 105 | 547698  | 37.892 | ng | 98     |
| 24) Nitrobenzene              | 7.475 | 77  | 457518  | 39.191 | ng | 98     |
| 25) Isophorone                | 7.710 | 82  | 765148  | 37.861 | ng | 99     |
| 26) 2-Nitrophenol             | 7.787 | 139 | 205936  | 46.760 | ng | 96     |
| 27) 2,4-Dimethylphenol        | 7.816 | 122 | 278267  | 37.893 | ng | 100    |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93  | 469945  | 38.381 | ng | 100    |
| 29) 2,4-Dichlorophenol        | 8.022 | 162 | 330949  | 39.566 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene    | 8.116 | 180 | 368190  | 39.781 | ng | 100    |
| 31) Naphthalene               | 8.198 | 128 | 1189876 | 39.095 | ng | 100    |
| 32) Benzoic acid              | 7.922 | 122 | 280518  | 43.797 | ng | 97     |
| 33) 4-Chloroaniline           | 8.240 | 127 | 403424  | 38.873 | ng | 99     |
| 34) Hexachlorobutadiene       | 8.310 | 225 | 236438  | 40.658 | ng | 98     |
| 35) Caprolactam               | 8.610 | 113 | 106703  | 40.120 | ng | 91     |
| 36) 4-Chloro-3-methylphenol   | 8.716 | 107 | 359470  | 38.812 | ng | 96     |
| 37) 2-Methylnaphthalene       | 8.887 | 142 | 731192  | 39.227 | ng | 100    |
| 38) 1-Methylnaphthalene       | 8.987 | 142 | 715426  | 39.120 | ng | 100    |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 355865  | 40.075 | ng | 100    |
| 41) Hexachlorocyclopentadiene | 9.040 | 237 | 134320  | 43.472 | ng | 99     |
| 43) 2,4,6-Trichlorophenol     | 9.157 | 196 | 265016  | 42.153 | ng | 100    |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

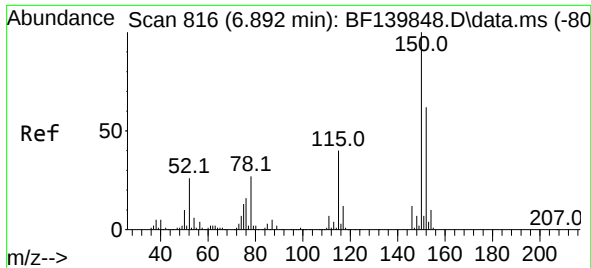
Reviewed By :Yogesh Patel 10/24/2024  
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 11:08:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 258543   | 39.859 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 891770   | 38.918 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 723091   | 39.181 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.469  | 65   | 238757   | 42.300 | ng    | 92       |
| 49) Acenaphthylene            | 9.792  | 152  | 1045886  | 39.200 | ng    | 100      |
| 50) Dimethylphthalate         | 9.651  | 163  | 799846   | 39.013 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 189348   | 42.654 | ng    | 95       |
| 52) Acenaphthene              | 9.963  | 154  | 689265   | 39.935 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 192935   | 42.145 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 92435    | 52.556 | ng    | # 1      |
| 55) Dibenzofuran              | 10.134 | 168  | 966623   | 39.034 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 153534   | 43.593 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 244656   | 44.817 | ng    | 98       |
| 58) Fluorene                  | 10.481 | 166  | 737183   | 39.085 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 209605   | 41.221 | ng    | 97       |
| 60) Diethylphthalate          | 10.351 | 149  | 784653   | 38.979 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 384427   | 40.360 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 183216   | 42.376 | ng    | 96       |
| 63) Azobenzene                | 10.628 | 77   | 800436   | 37.507 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 130520   | 55.496 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 668240   | 38.723 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 243222   | 40.947 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.028 | 284  | 269072   | 40.278 | ng    | 95       |
| 69) Atrazine                  | 11.110 | 200  | 189938   | 40.631 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 186013   | 45.879 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1045223  | 38.377 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1032769  | 38.865 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 939679   | 38.023 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1096390  | 38.399 | ng    | 100      |
| 75) Fluoranthene              | 12.628 | 202  | 1062550  | 38.592 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 245338   | 49.870 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 1045514  | 39.923 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.475 | 149  | 320762   | 40.854 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 761588   | 39.104 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 255392   | 44.975 | ng    | 100      |
| 83) Chrysene                  | 14.080 | 228  | 699768   | 39.187 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 390057   | 44.280 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 695957   | 43.437 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 917265   | 43.321 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 815990   | 40.699 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 600268   | 34.716 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.469 | 252  | 650166   | 39.411 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 760210   | 43.038 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 779486   | 44.179 | ng    | 99       |

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





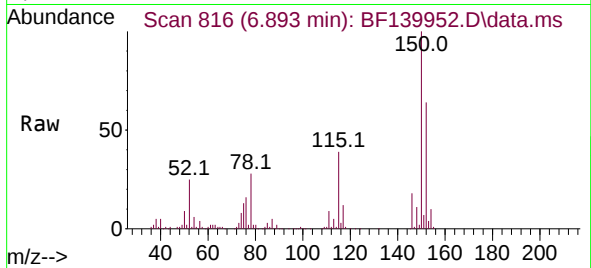
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



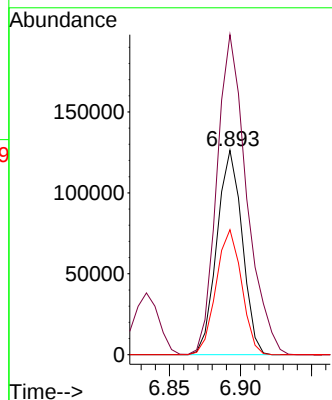
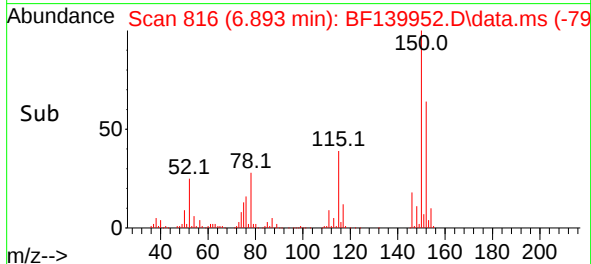
Tgt Ion:152 Resp: 156634  
Ion Ratio Lower Upper  
152 100  
150 156.6 130.2 195.2  
115 61.2 51.4 77.2

Manual Integrations

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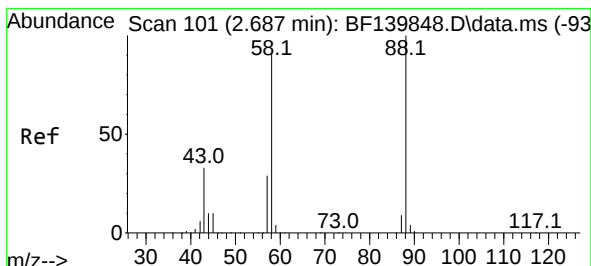
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



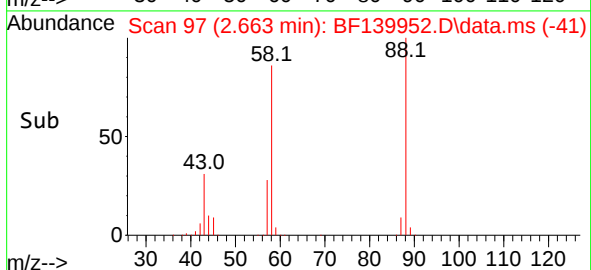
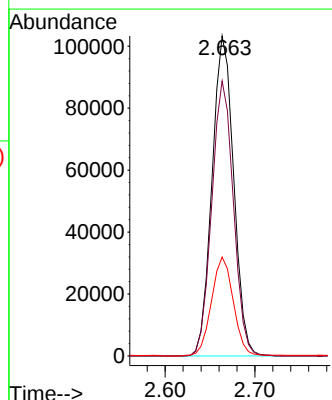
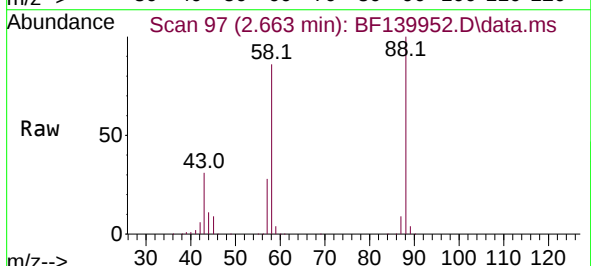
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Supervised By :mohammad  
ahmed

10/25/2024



#2  
1,4-Dioxane  
Concen: 37.037 ng  
RT: 2.663 min Scan# 97  
Delta R.T. -0.023 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

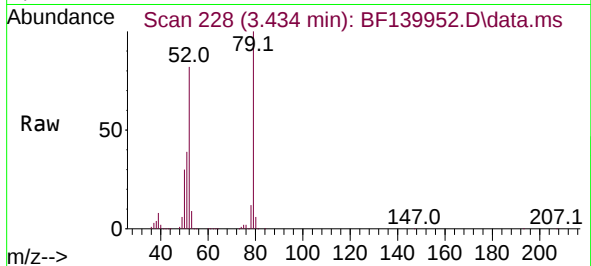
Tgt Ion: 88 Resp: 172780  
Ion Ratio Lower Upper  
88 100  
58 86.0 73.3 109.9  
43 31.6 27.1 40.7





#3  
Pyridine  
Concen: 36.885 ng  
RT: 3.434 min Scan# 219  
Delta R.T. -0.011 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

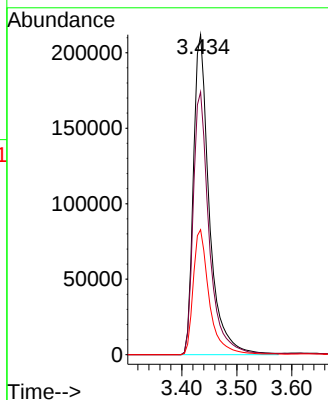
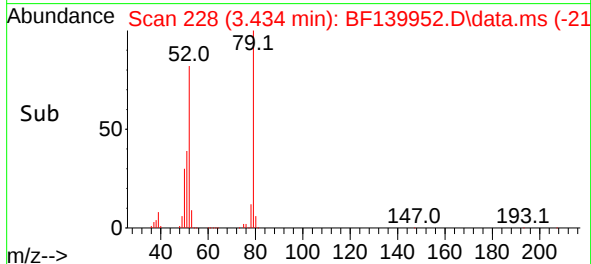
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 426509  
Ion Ratio Lower Upper  
79 100  
52 82.1 68.5 102.7  
51 39.0 32.3 48.5

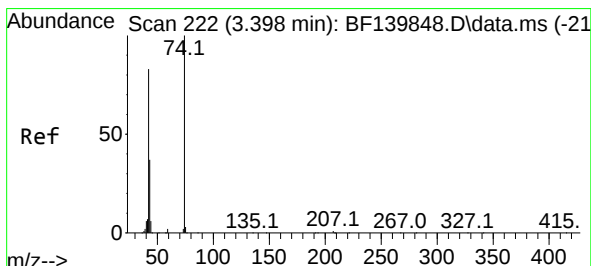
Manual Integrations  
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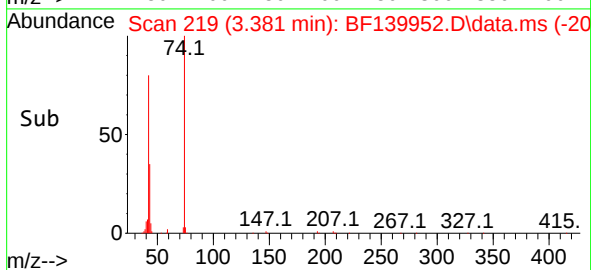
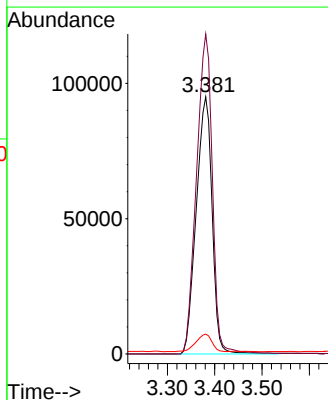
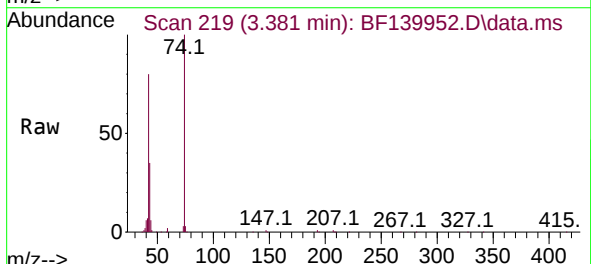
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ahmed

10/25/2024



#4  
n-Nitrosodimethylamine  
Concen: 35.634 ng  
RT: 3.381 min Scan# 219  
Delta R.T. -0.017 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion: 42 Resp: 221378  
Ion Ratio Lower Upper  
42 100  
74 124.4 96.2 144.4  
44 7.7 6.2 9.2





#5  
2-Fluorophenol  
Concen: 75.624 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

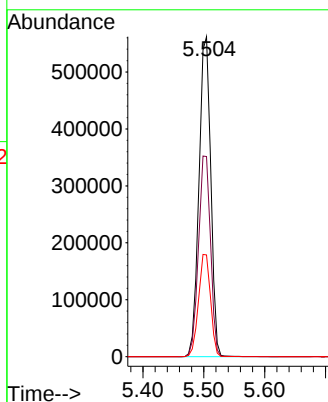
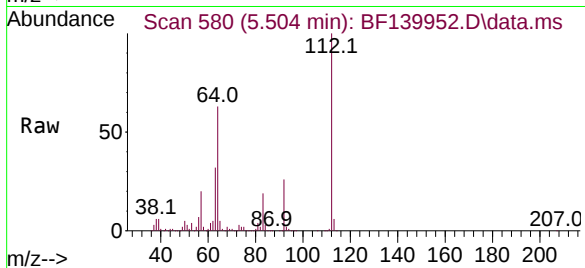
Tgt Ion:112 Resp: 75665  
Ion Ratio Lower Upper  
112 100  
64 62.6 53.0 79.6  
63 31.8 27.0 40.4

Manual Integrations

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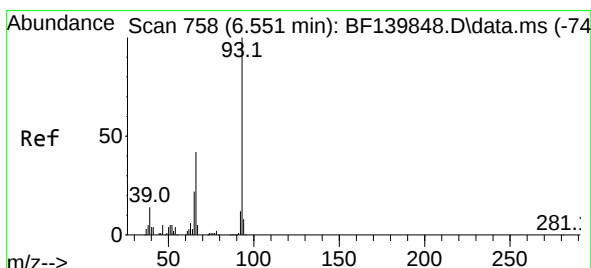
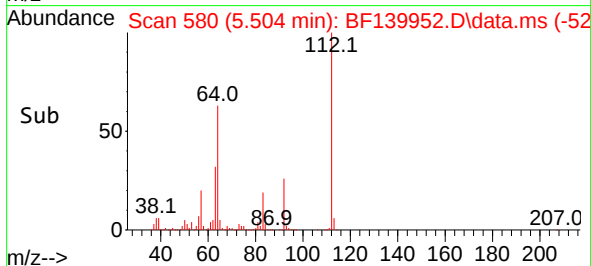
Supervised By :mohammad ahmed 10/25/2024



10/24/2024

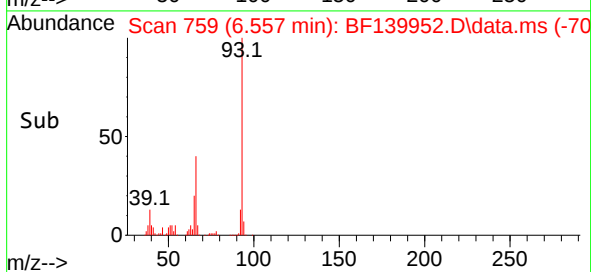
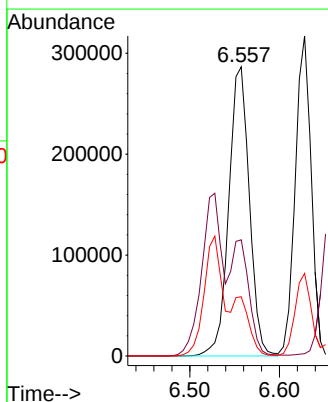
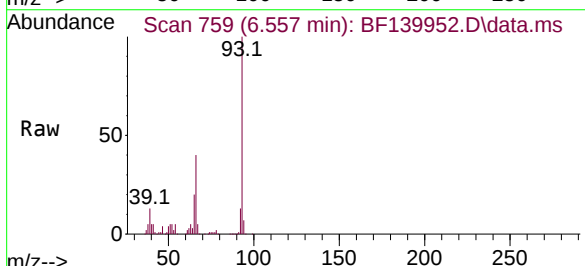
Supervised By :mohammad  
ahmed

10/25/2024



#6  
Aniline  
Concen: 37.791 ng  
RT: 6.557 min Scan# 759  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

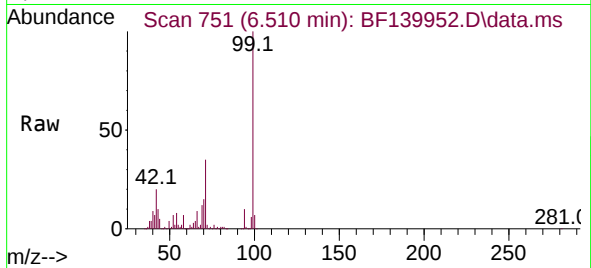
Tgt Ion: 93 Resp: 456412  
Ion Ratio Lower Upper  
93 100  
66 40.2 34.0 51.0  
65 20.5 17.4 26.0





#7  
Phenol-d6  
Concen: 74.232 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

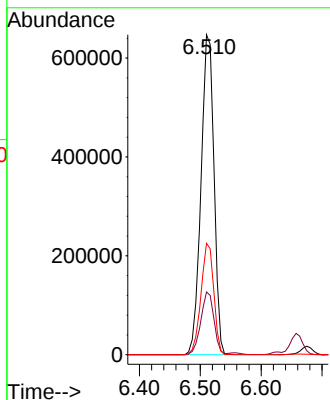
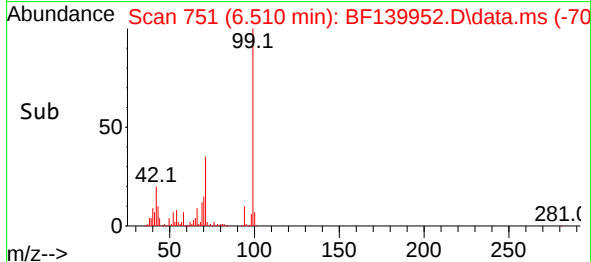
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 96194  
Ion Ratio Lower Upper  
99 100  
42 19.6 16.7 25.1  
71 34.8 27.7 41.5

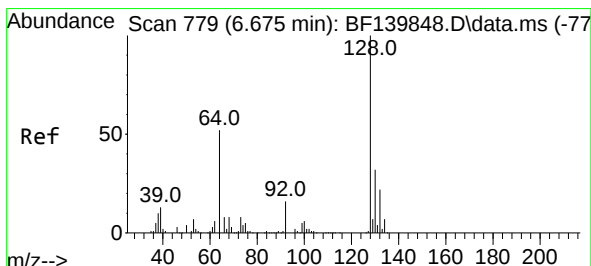
Manual Integrations  
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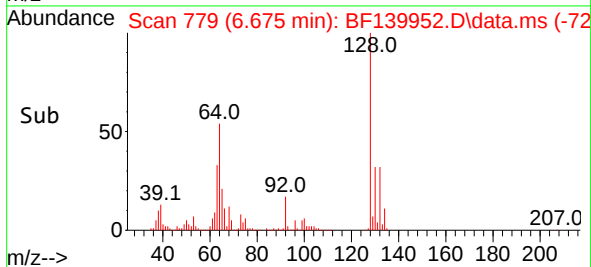
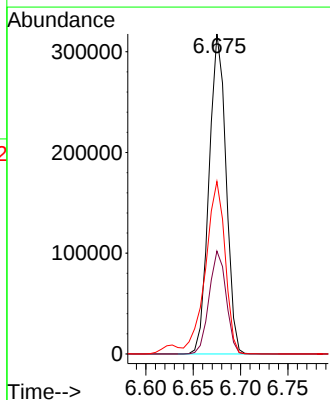
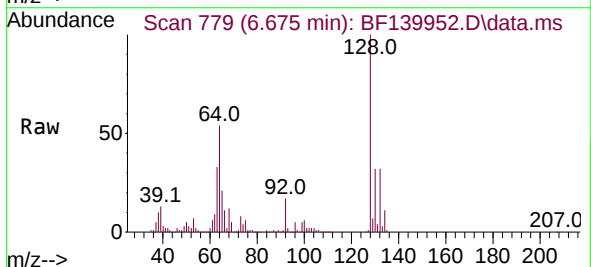
10/24/2024  
Supervised By :mohammad  
ahmed

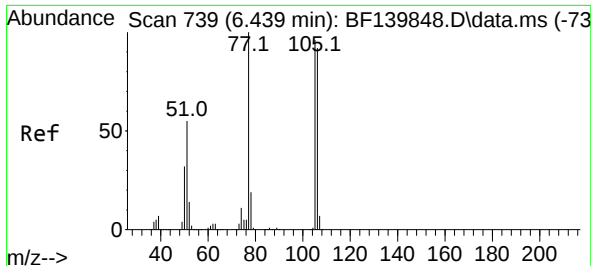
10/25/2024



#8  
2-Chlorophenol  
Concen: 38.822 ng  
RT: 6.675 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:128 Resp: 397094  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.3 52.3  
64 53.9 34.6 74.6





#9

Benzaldehyde

Concen: 34.967 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

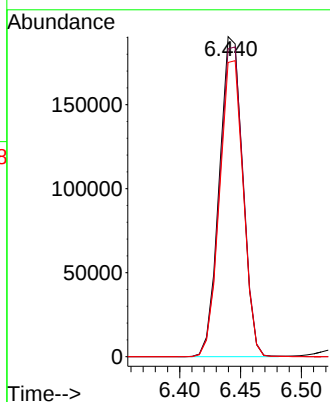
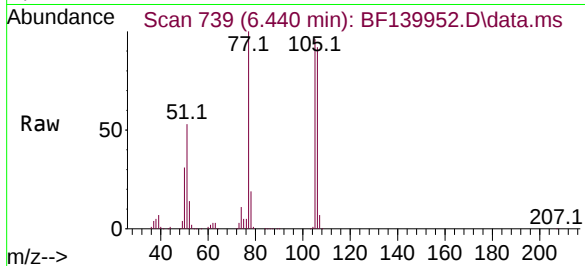
ClientSampleId :

SSTDCCC040

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 25490 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 96.2    | 75.5 115.5  |
| 106 92.0    | 71.7 111.7  |

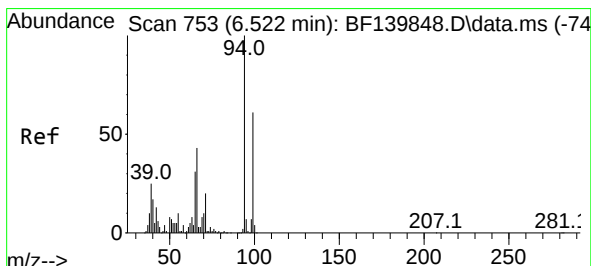
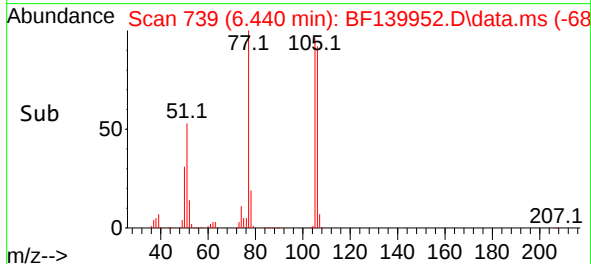
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024



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Supervised By :mohammad  
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#10

Phenol

Concen: 37.690 ng m

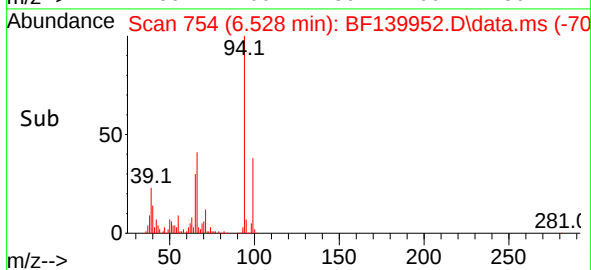
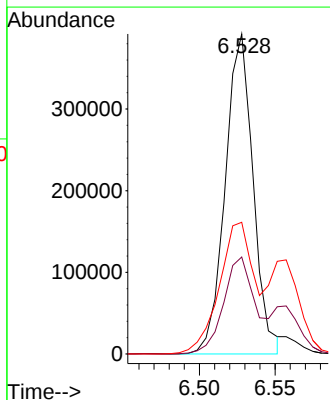
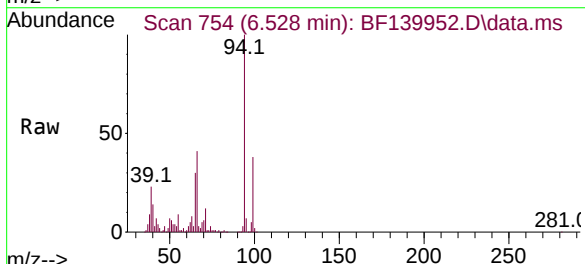
RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

|             |              |
|-------------|--------------|
| Tgt Ion: 94 | Resp: 503534 |
| Ion Ratio   | Lower Upper  |
| 94 100      |              |
| 65 30.3     | 11.1 51.1    |
| 66 41.1     | 22.7 62.7    |





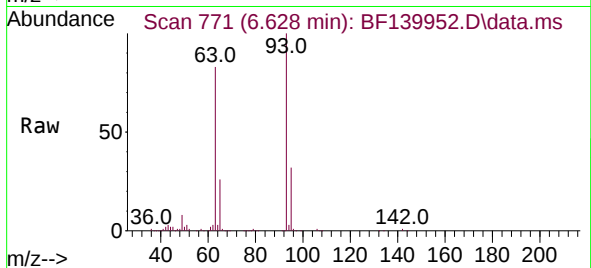
#11  
bis(2-Chloroethyl)ether  
Concen: 37.428 ng  
RT: 6.628 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

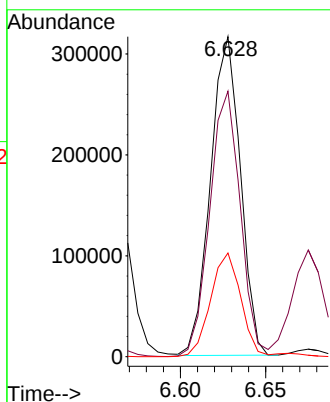
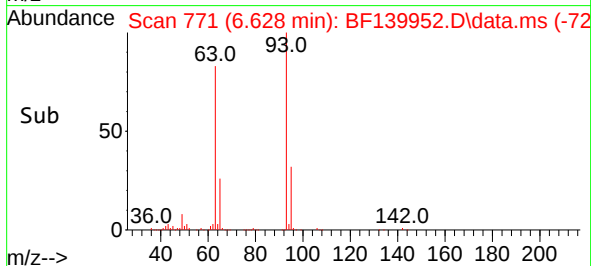
SSTDCCC040



Tgt Ion: 93 Resp: 386484  
Ion Ratio Lower Upper  
93 100  
63 83.0 65.0 105.0  
95 32.4 12.4 52.4

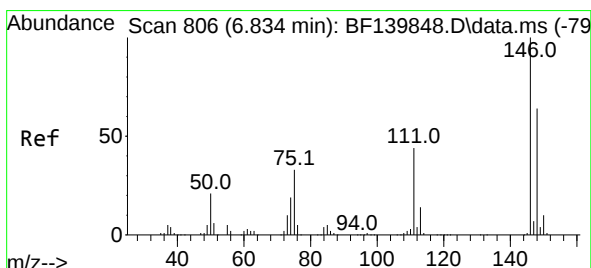
Manual Integrations  
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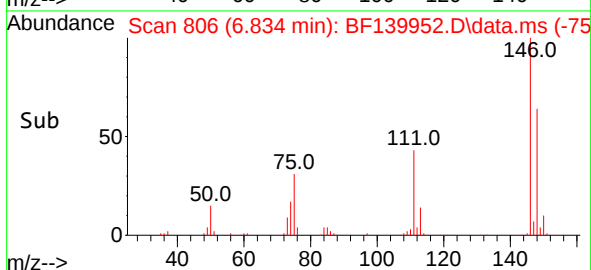
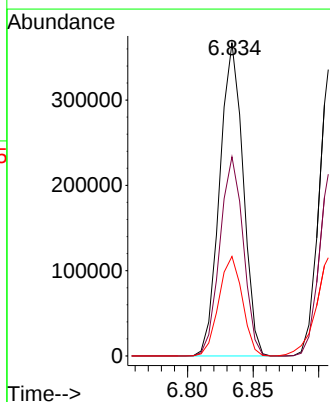
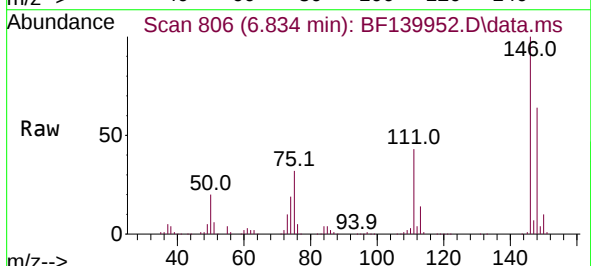
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#12  
1,3-Dichlorobenzene  
Concen: 38.787 ng  
RT: 6.834 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:146 Resp: 455424  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
75 31.8 26.4 39.6





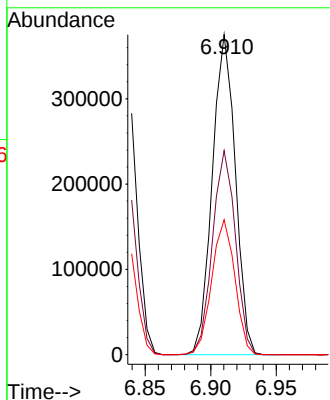
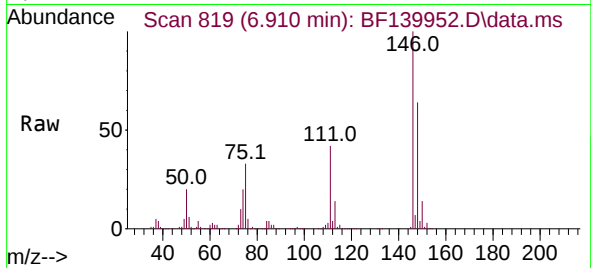
#13  
1,4-Dichlorobenzene  
Concen: 39.065 ng  
RT: 6.910 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 458258  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.8 77.8  
111 42.2 34.6 51.8

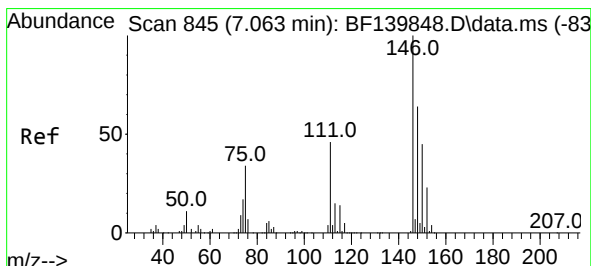
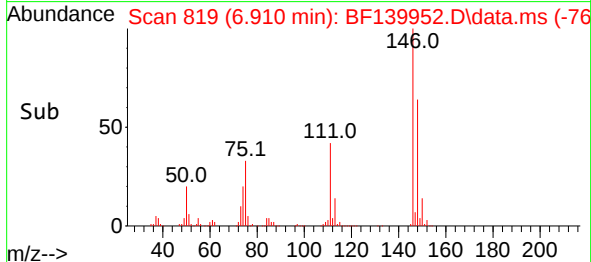
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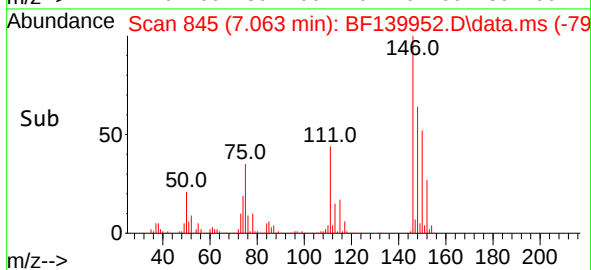
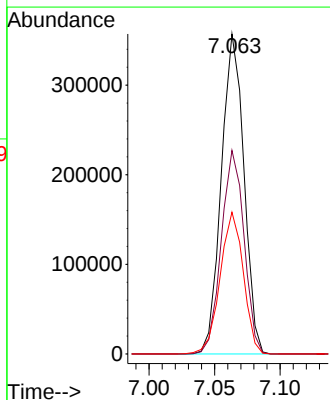
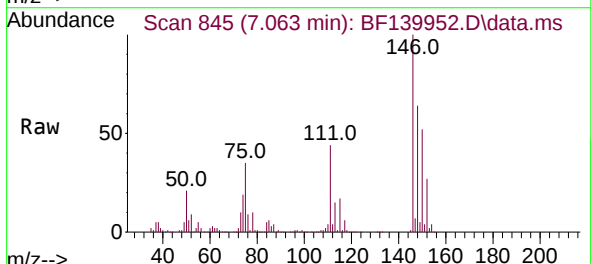
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#14  
1,2-Dichlorobenzene  
Concen: 39.067 ng  
RT: 7.063 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

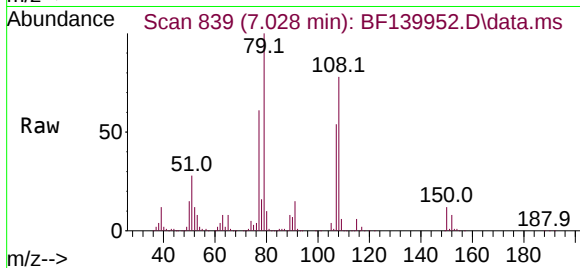
Tgt Ion:146 Resp: 427711  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.4 77.2  
111 44.3 36.7 55.1





#15  
Benzyl Alcohol  
Concen: 37.958 ng  
RT: 7.028 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

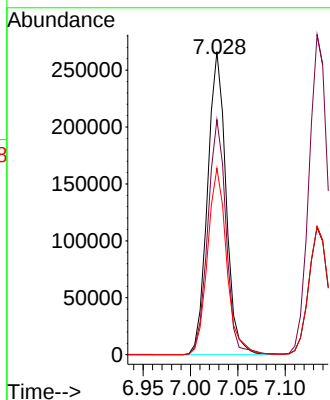
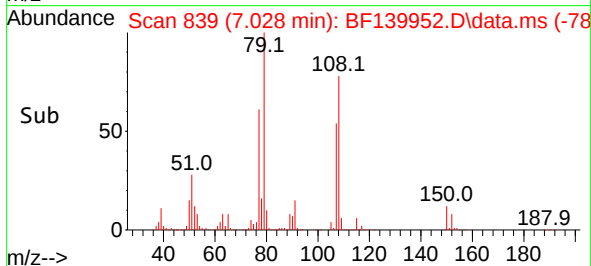
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 36081  
Ion Ratio Lower Upper  
79 100  
108 77.5 61.4 92.0  
77 61.5 49.9 74.9

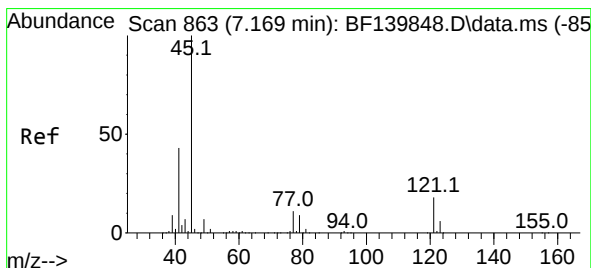
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Supervised By :mohammad ahmed 10/25/2024

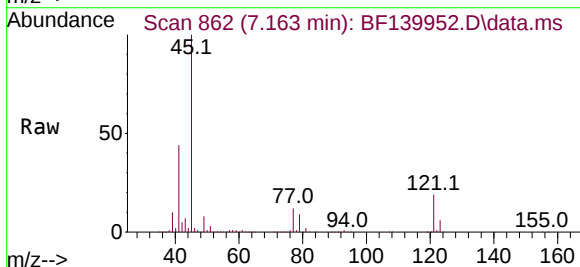


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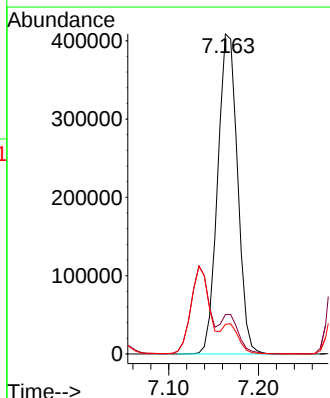
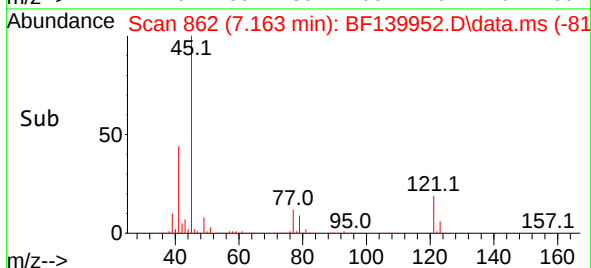
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.635 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



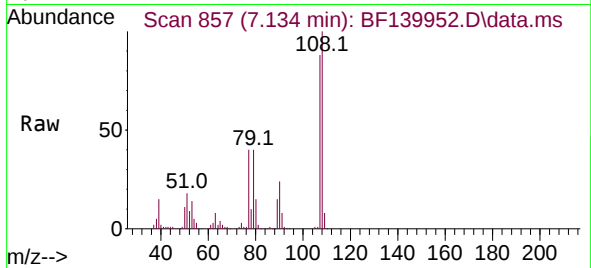
Tgt Ion: 45 Resp: 627431  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 31.5  
79 9.3 0.0 29.1





#17  
2-Methylphenol  
Concen: 38.376 ng  
RT: 7.134 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

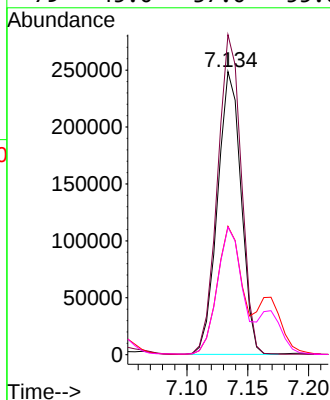
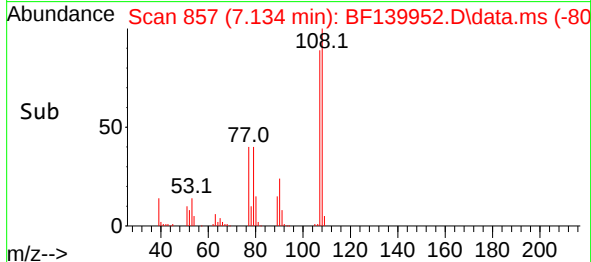
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 33471 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.1 | 91.3  | 136.9 |
| 77       | 45.3  | 37.1  | 55.7  |
| 79       | 45.0  | 37.0  | 55.6  |

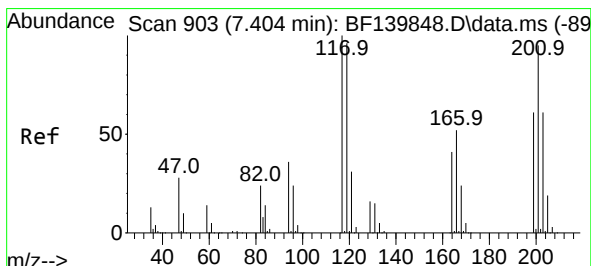
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Supervised By :mohammad ahmed 10/25/2024



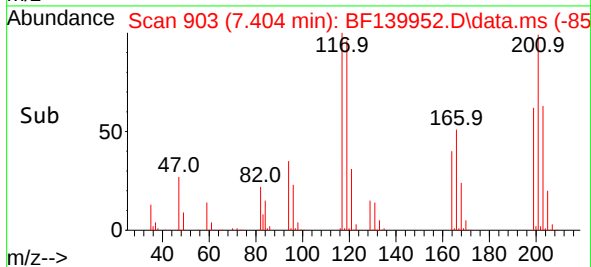
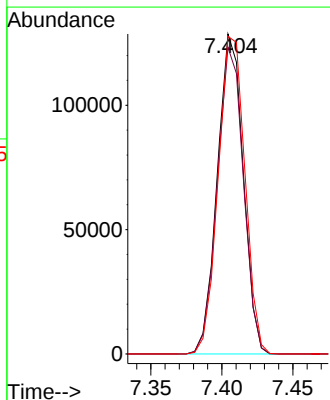
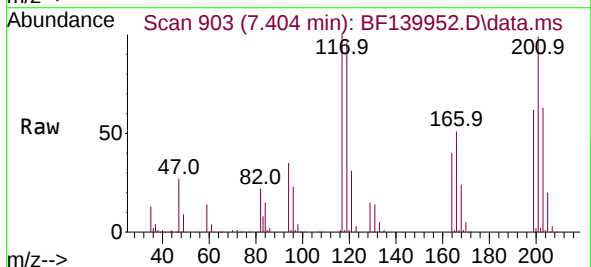
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Supervised By :mohammad  
ahmed

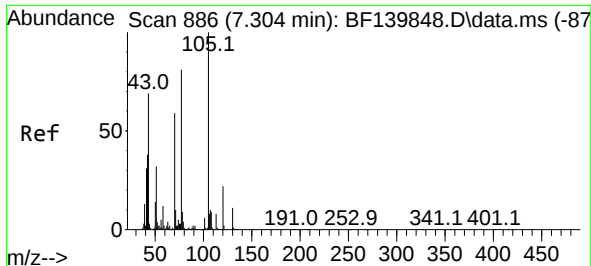
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#18  
Hexachloroethane  
Concen: 39.057 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 163379 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.9  | 77.0  | 115.4  |
| 201      | 99.2  | 76.2  | 114.4  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.267 ng  
RT: 7.304 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

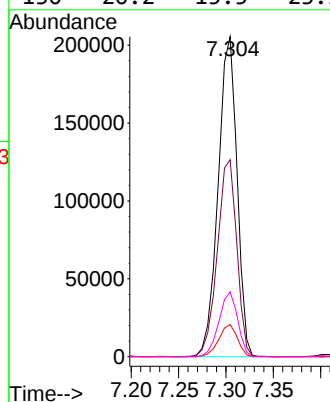
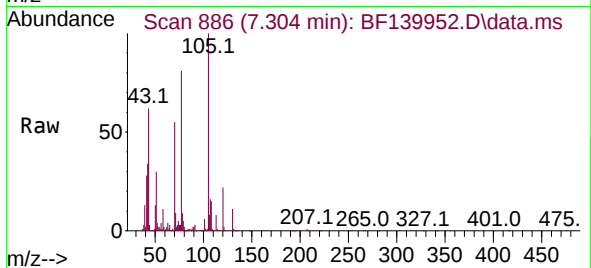
Tgt Ion: 70 Resp: 28503  
Ion Ratio Lower Upper  
70 100  
42 61.6 51.5 77.3  
101 10.1 7.5 11.3  
130 20.2 15.5 23.3

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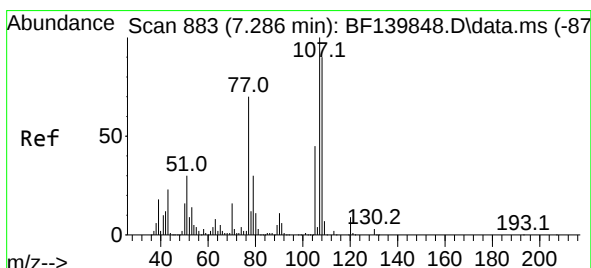
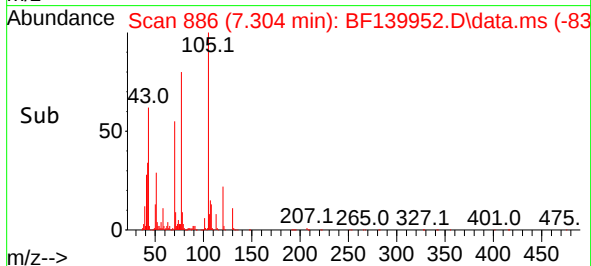
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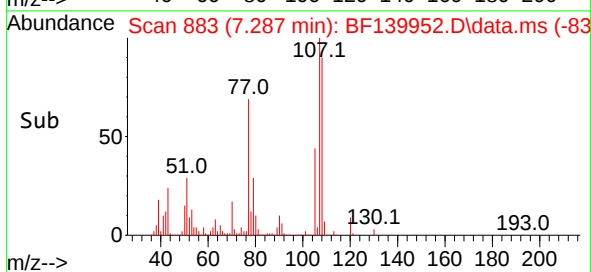
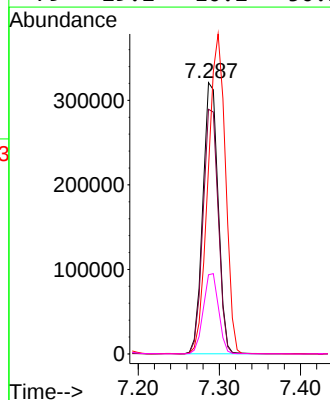
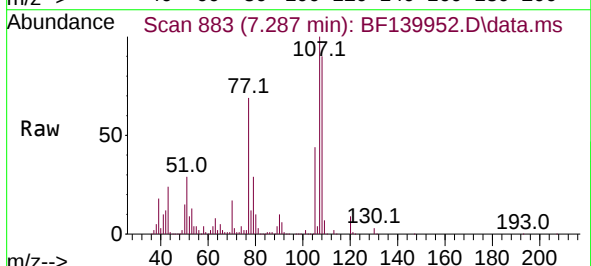
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#20  
3+4-Methylphenols  
Concen: 37.569 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:107 Resp: 419114  
Ion Ratio Lower Upper  
107 100  
108 90.2 69.8 109.8  
77 68.6 50.5 90.5  
79 29.2 10.2 50.2





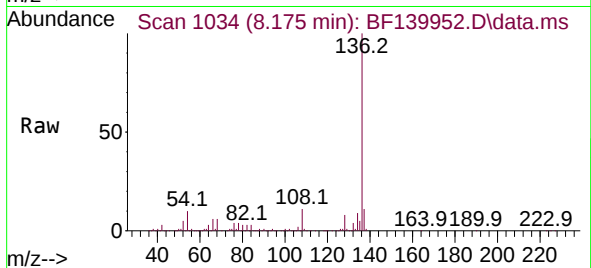
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNF\_F

ClientSampleId :

SSTDCCC040



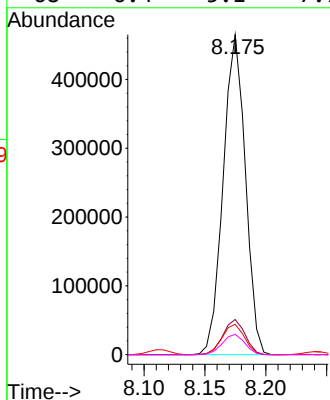
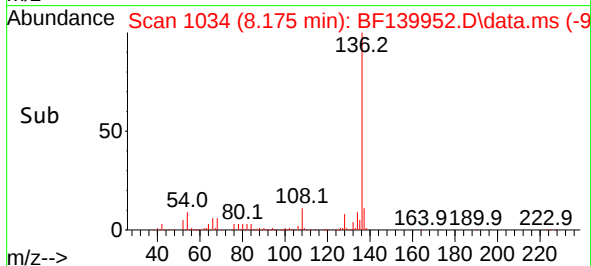
Tgt Ion:136 Resp: 590130  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 9.5 8.4 12.6  
68 6.4 5.1 7.7

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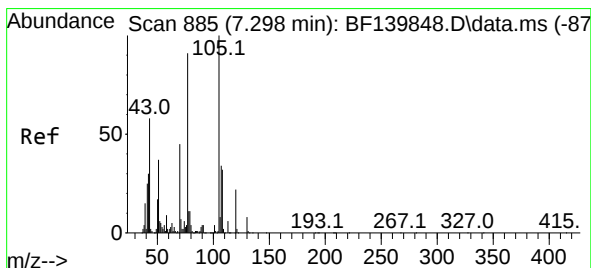
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

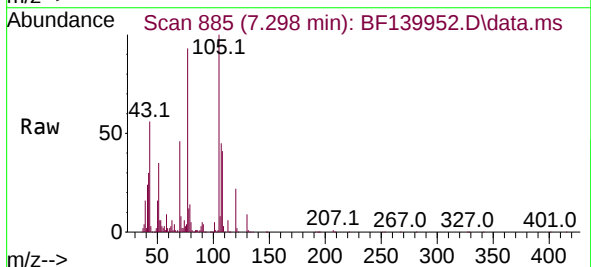


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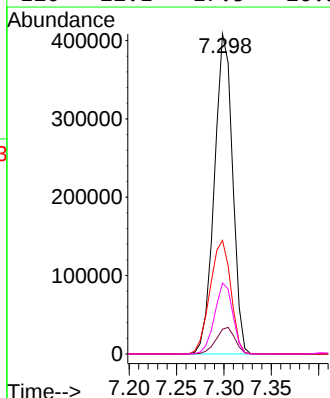
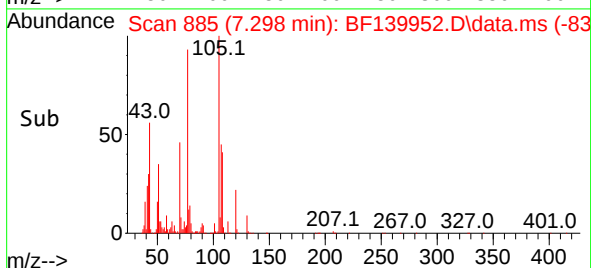
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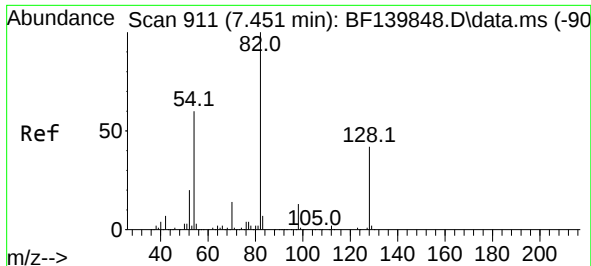


#22  
Acetophenone  
Concen: 37.892 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



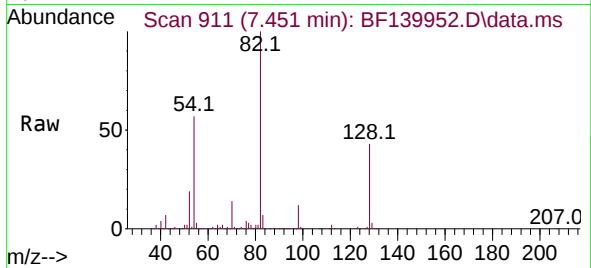
Tgt Ion:105 Resp: 547698  
Ion Ratio Lower Upper  
105 100  
71 7.7 5.9 8.9  
51 35.5 29.4 44.2  
120 22.1 17.5 26.3





#23  
Nitrobenzene-d5  
Concen: 81.286 ng  
RT: 7.451 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

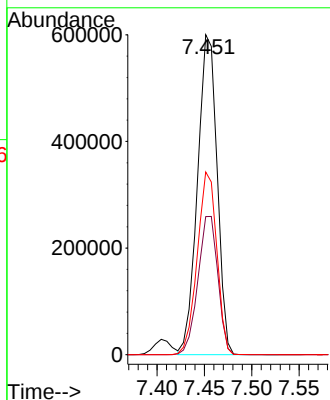
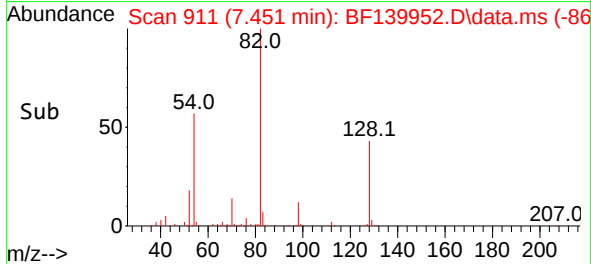
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 86550  
Ion Ratio Lower Upper  
82 100  
128 43.1 33.4 50.0  
54 57.1 47.8 71.8

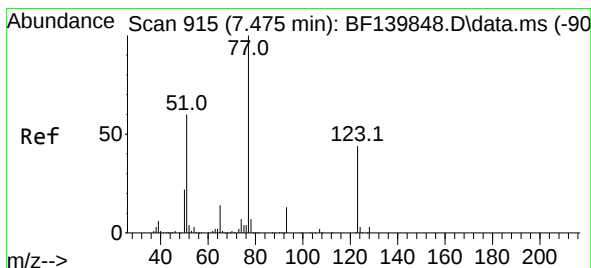
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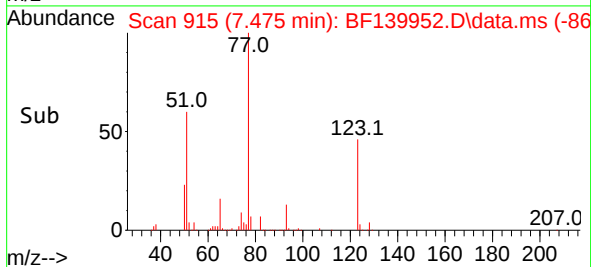
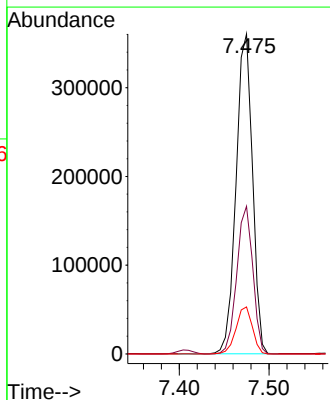
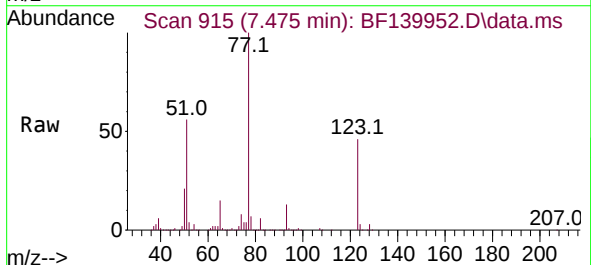
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#24  
Nitrobenzene  
Concen: 39.191 ng  
RT: 7.475 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

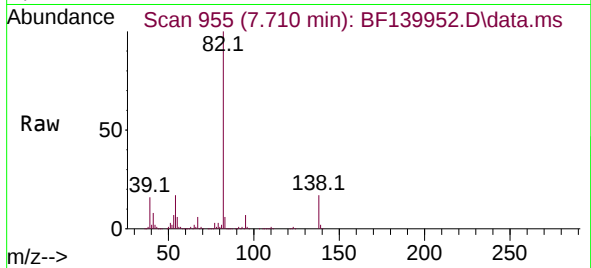
Tgt Ion: 77 Resp: 457518  
Ion Ratio Lower Upper  
77 100  
123 46.2 35.7 53.5  
65 14.7 11.5 17.3





#25  
Isophorone  
Concen: 37.861 ng  
RT: 7.710 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

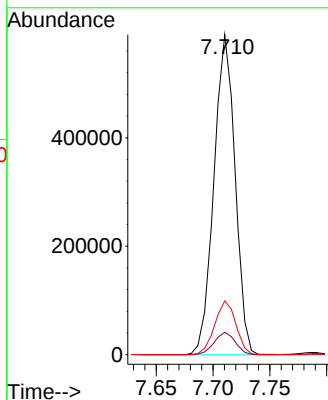
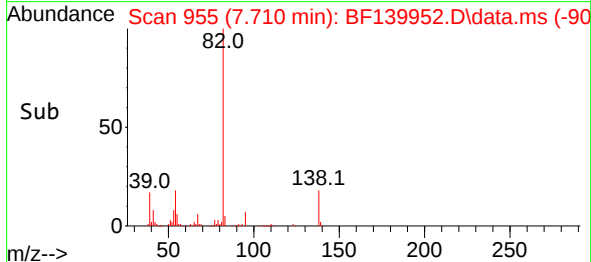
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 765148  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 16.8 13.2 19.8

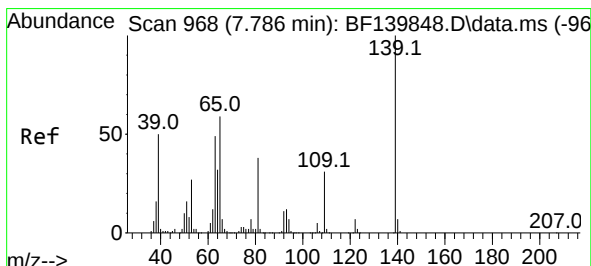
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

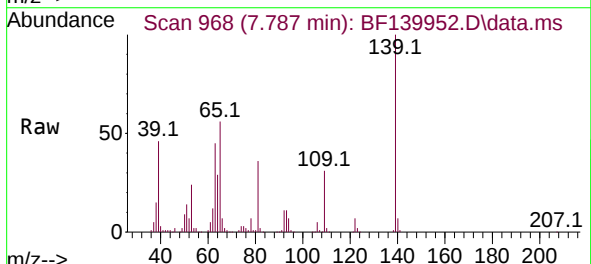


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Supervised By :mohammad  
ahmed

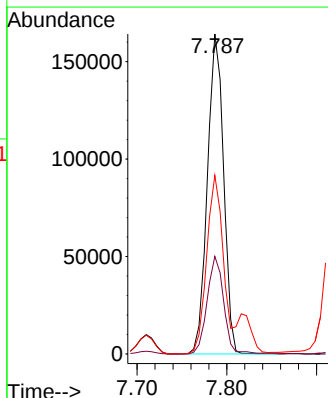
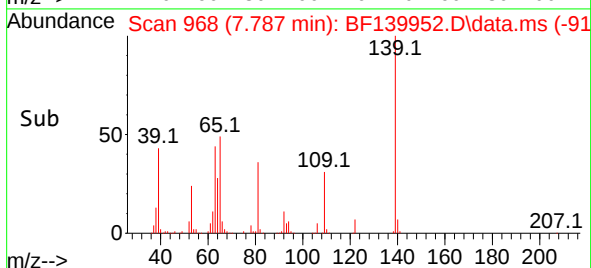
10/25/2024



#26  
2-Nitrophenol  
Concen: 46.760 ng  
RT: 7.787 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:139 Resp: 205936  
Ion Ratio Lower Upper  
139 100  
109 30.5 25.1 37.7  
65 55.8 47.5 71.3





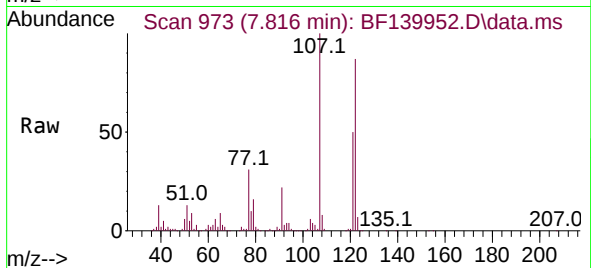
#27  
2,4-Dimethylphenol  
Concen: 37.893 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



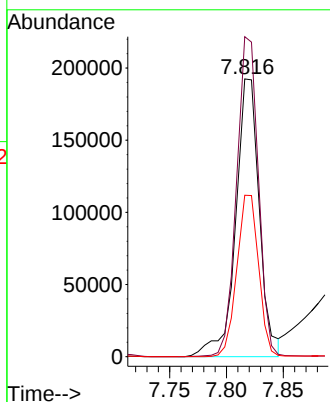
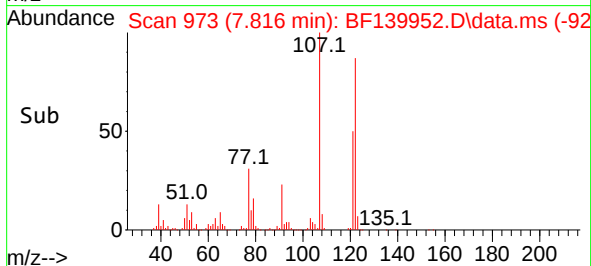
Tgt Ion:122 Resp: 27826  
Ion Ratio Lower Upper  
122 100  
107 115.2 91.9 137.9  
121 58.1 46.2 69.4

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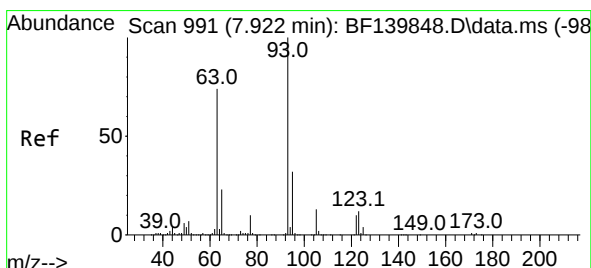
Supervised By :mohammad ahmed 10/25/2024



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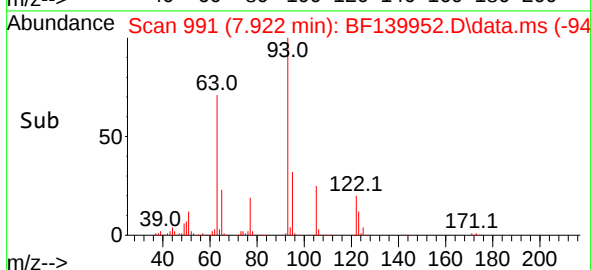
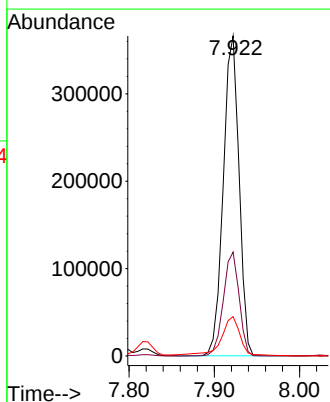
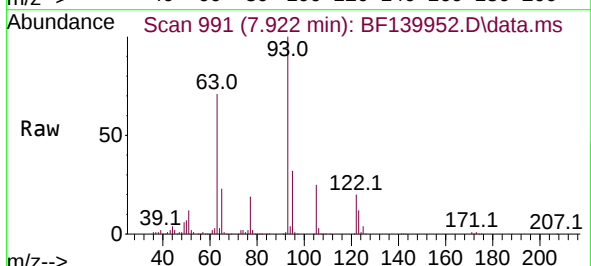
Supervised By :mohammad  
ahmed

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#28  
bis(2-Chloroethoxy)methane  
Concen: 38.381 ng  
RT: 7.922 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion: 93 Resp: 469945  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.0 39.0  
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.566 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

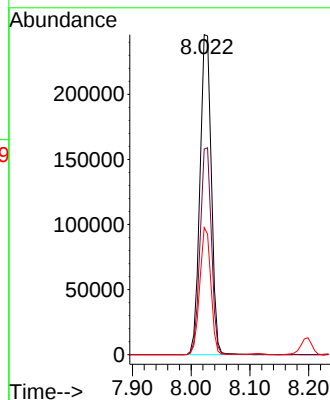
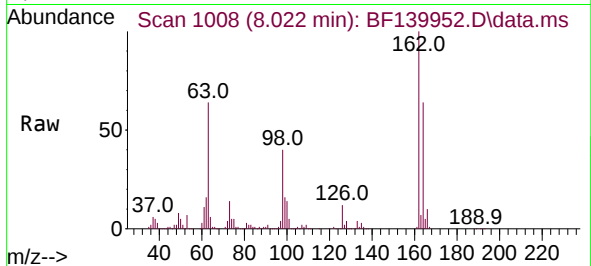
Tgt Ion:162 Resp: 330949  
 Ion Ratio Lower Upper  
 162 100  
 164 64.2 43.9 83.9  
 98 39.7 19.9 59.9

Manual Integrations

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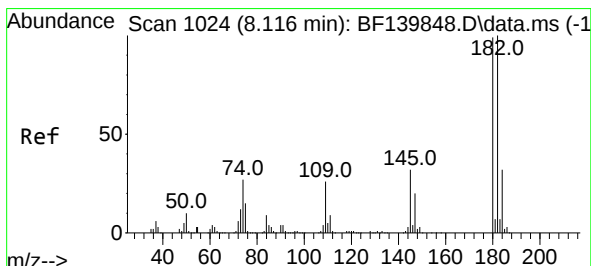
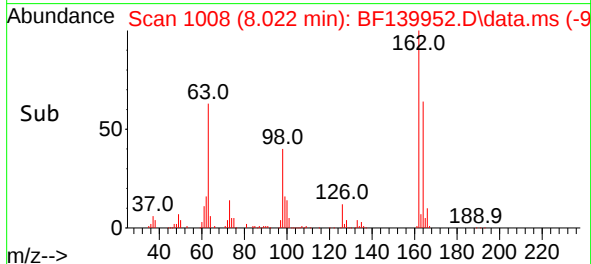
Supervised By :mohammad ahmed 10/25/2024



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Supervised By :mohammad  
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 39.781 ng

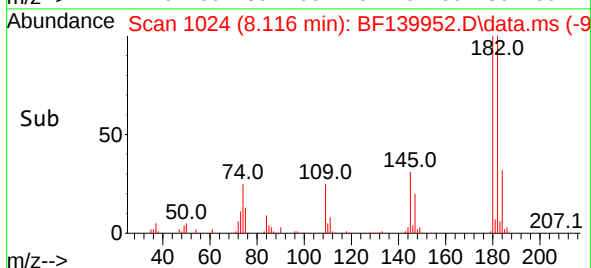
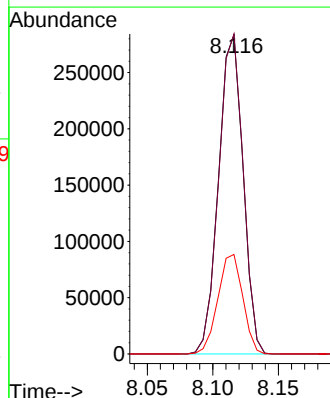
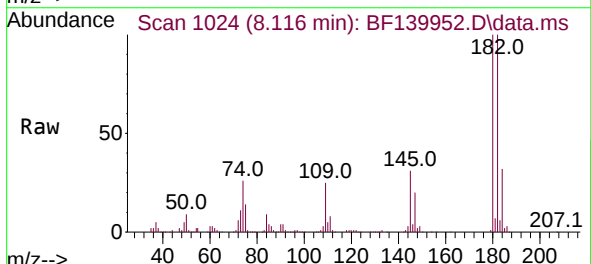
RT: 8.116 min Scan# 1024

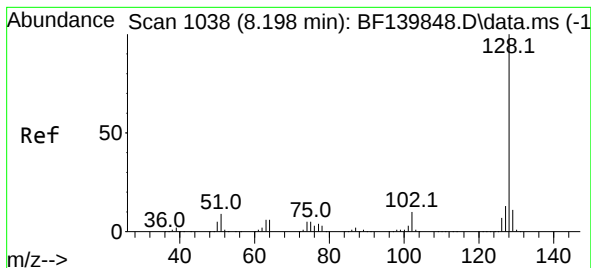
Delta R.T. 0.000 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

Tgt Ion:180 Resp: 368190  
 Ion Ratio Lower Upper  
 180 100  
 182 100.3 80.5 120.7  
 145 31.2 25.4 38.0





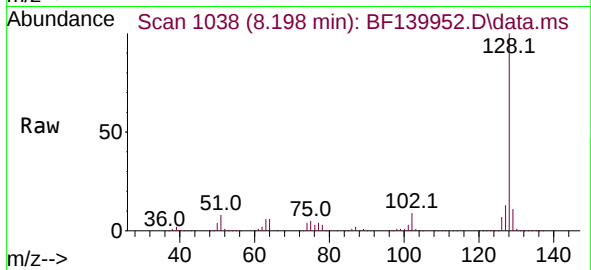
#31  
Naphthalene  
Concen: 39.095 ng  
RT: 8.198 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



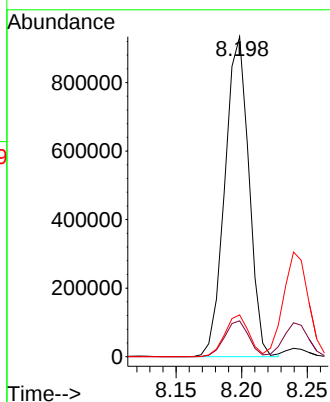
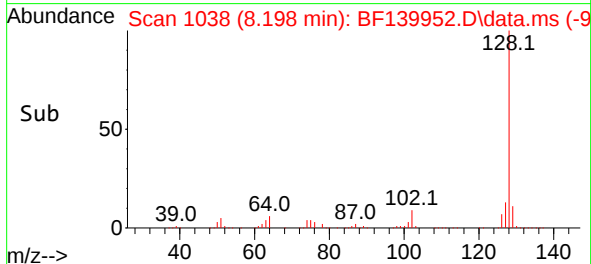
Tgt Ion:128 Resp: 1189870  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 13.1 10.6 16.0

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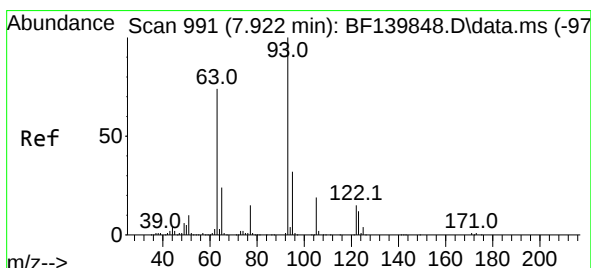
Supervised By :mohammad ahmed 10/25/2024



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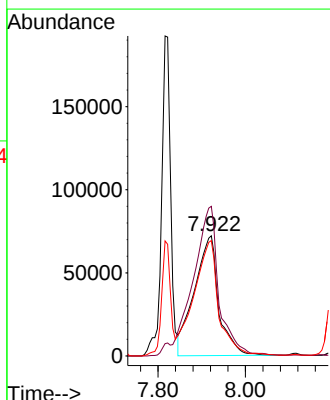
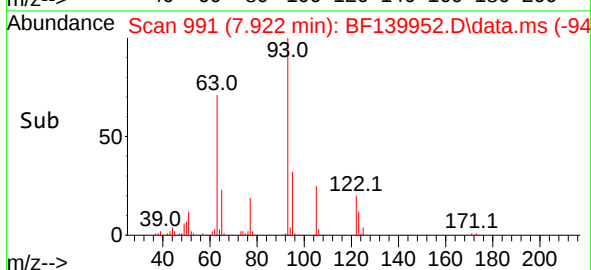
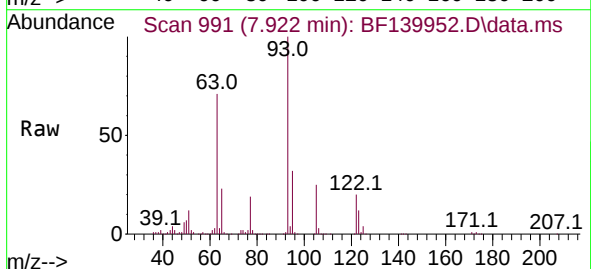
Supervised By :mohammad  
ahmed

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#32  
Benzoic acid  
Concen: 43.797 ng  
RT: 7.922 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:122 Resp: 280518  
Ion Ratio Lower Upper  
122 100  
105 124.5 107.6 147.6  
77 96.1 80.2 120.2





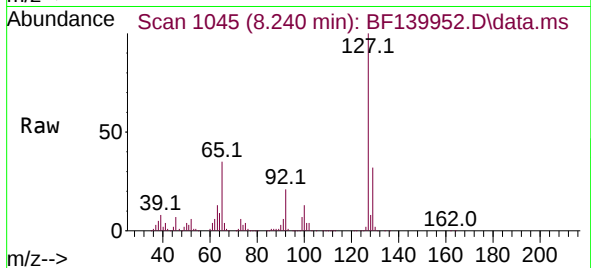
#33  
4-Chloroaniline  
Concen: 38.873 ng  
RT: 8.240 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



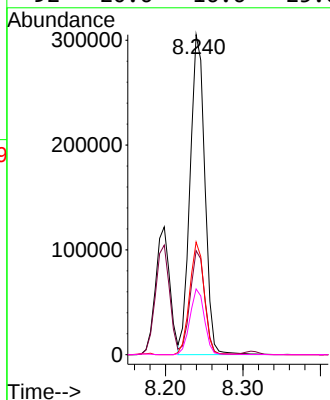
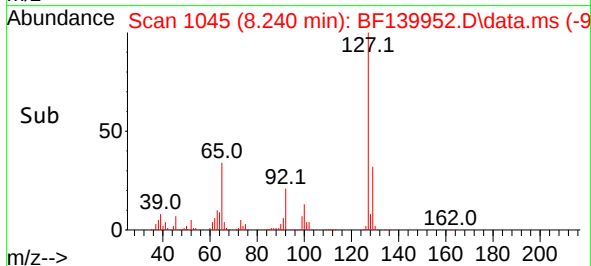
Tgt Ion:127 Resp: 403424  
Ion Ratio Lower Upper  
127 100  
129 32.5 25.4 38.2  
65 35.2 28.4 42.6  
92 20.6 16.6 25.0

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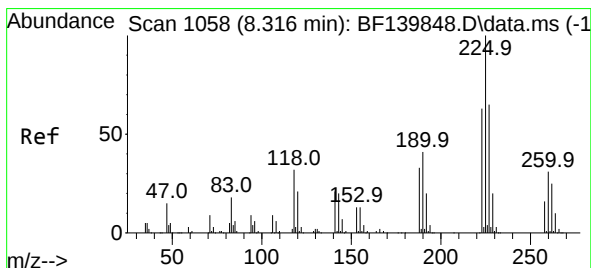
Supervised By :mohammad ahmed 10/25/2024



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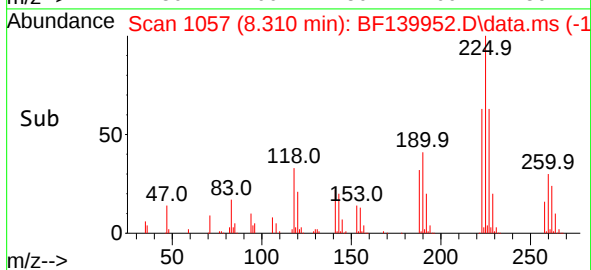
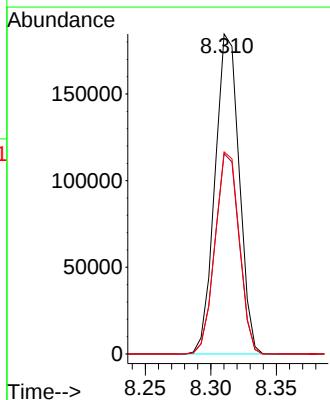
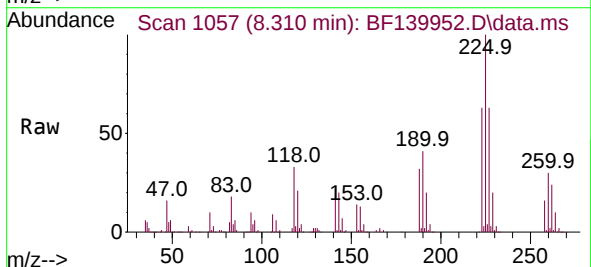
Supervised By :mohammad  
ahmed

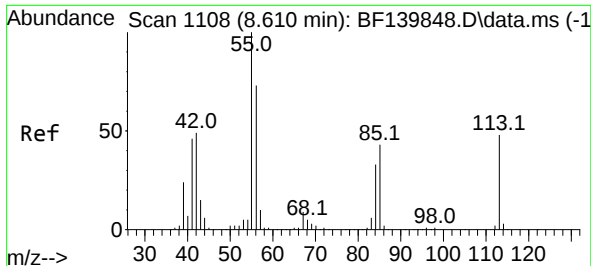
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#34  
Hexachlorobutadiene  
Concen: 40.658 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

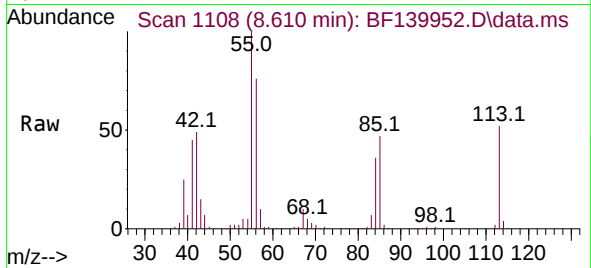
Tgt Ion:225 Resp: 236438  
Ion Ratio Lower Upper  
225 100  
223 62.6 50.6 76.0  
227 63.1 51.8 77.8





#35  
Caprolactam  
Concen: 40.120 ng  
RT: 8.610 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

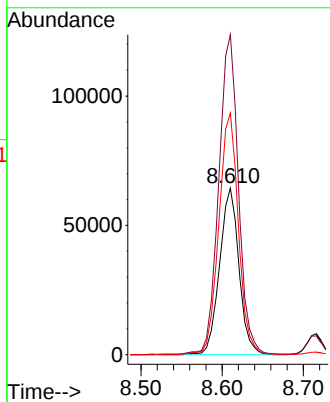
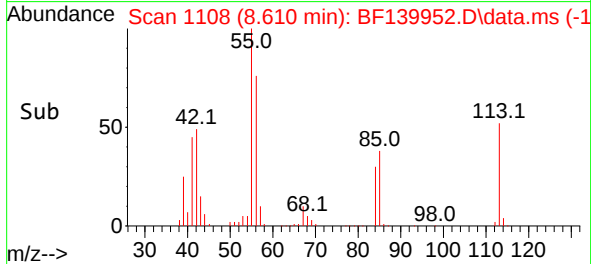
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 106700  
Ion Ratio Lower Upper  
113 100  
55 192.1 189.2 229.2  
56 145.1 132.5 172.5

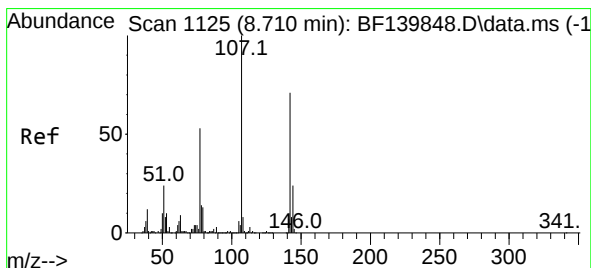
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Supervised By :mohammad ahmed 10/25/2024

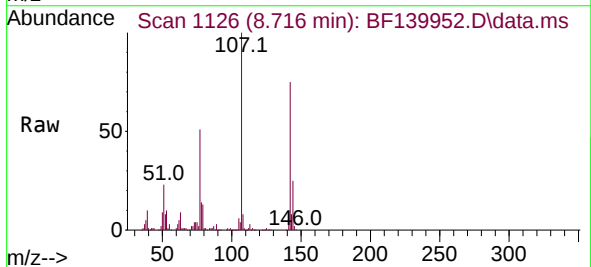


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Supervised By :mohammad  
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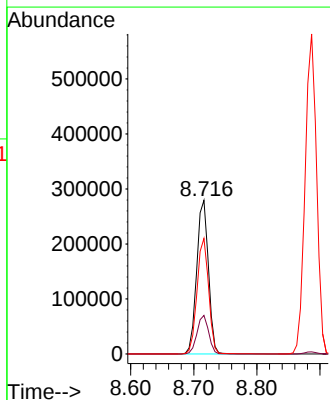
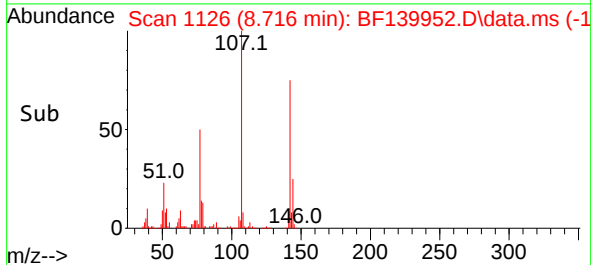
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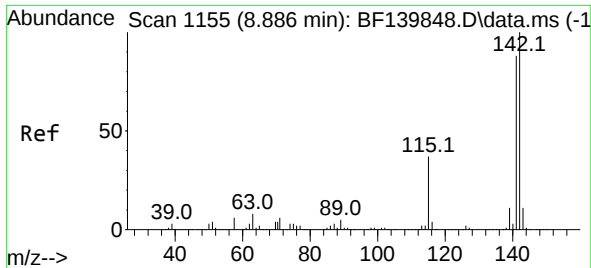


#36  
4-Chloro-3-methylphenol  
Concen: 38.812 ng  
RT: 8.716 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:107 Resp: 359470  
Ion Ratio Lower Upper  
107 100  
144 25.2 19.1 28.7  
142 75.3 57.2 85.8





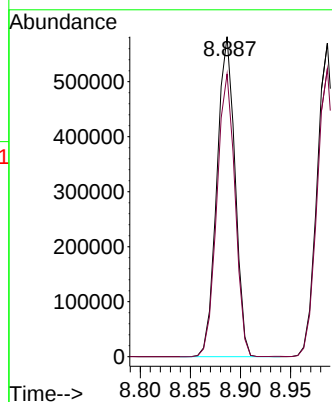
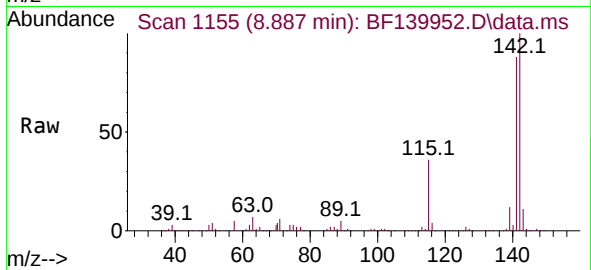
#37  
2-Methylnaphthalene  
Concen: 39.227 ng  
RT: 8.887 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 731192  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.8 106.2

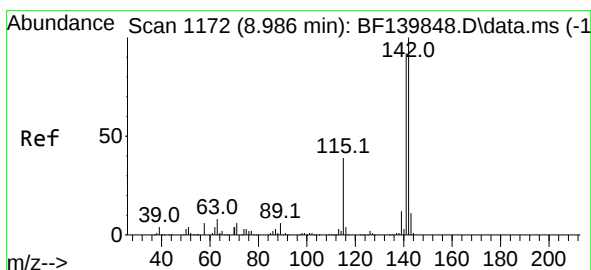
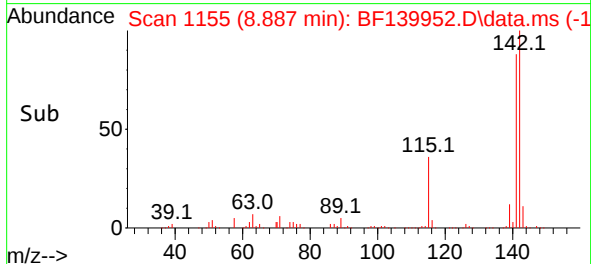
Manual Integrations  
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Supervised By :mohammad ahmed 10/25/2024



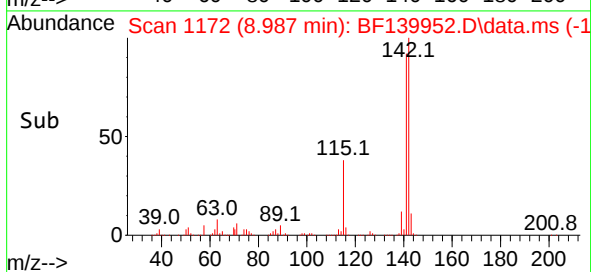
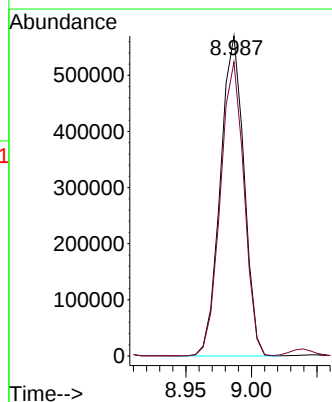
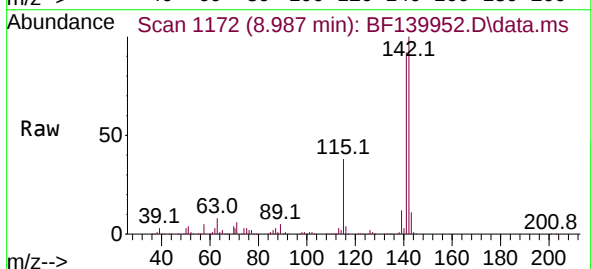
10/24/2024  
Supervised By :mohammad  
ahmed

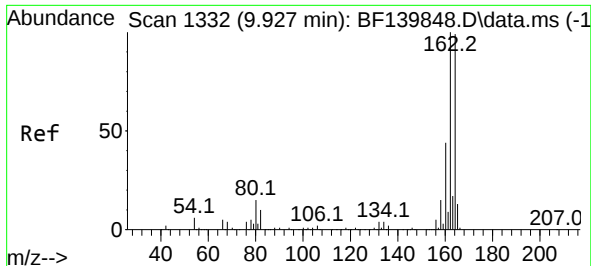
10/25/2024



#38  
1-Methylnaphthalene  
Concen: 39.120 ng  
RT: 8.987 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

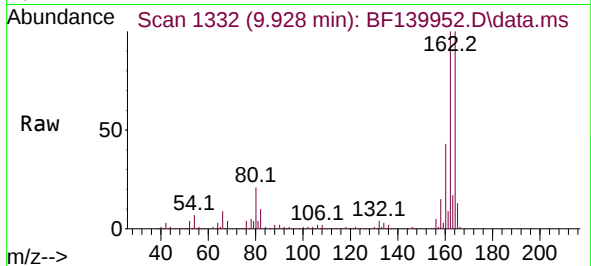
Tgt Ion:142 Resp: 715426  
Ion Ratio Lower Upper  
142 100  
141 91.8 73.5 110.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1132  
Delta R.T. 0.001 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

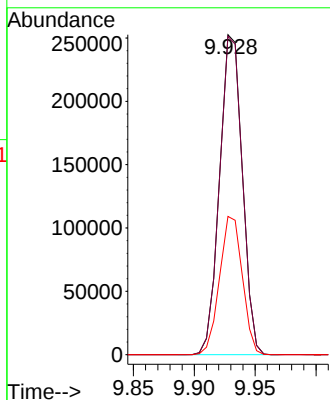
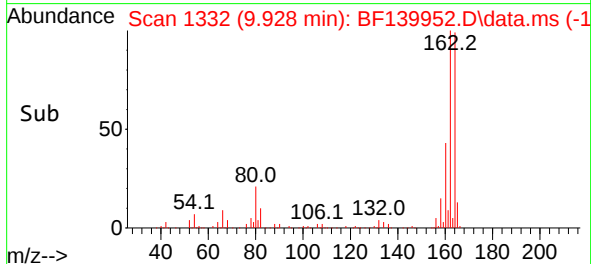
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:164 Resp: 32915  
Ion Ratio Lower Upper  
164 100  
162 99.5 81.0 121.4  
160 43.2 35.4 53.0

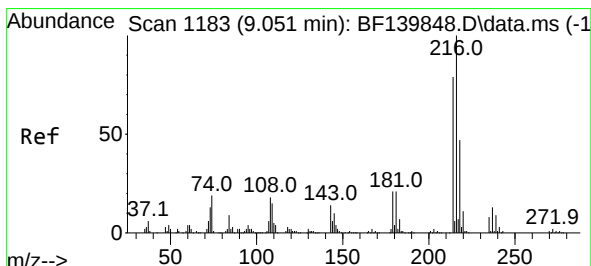
Manual Integrations  
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Supervised By :mohammad ahmed 10/25/2024

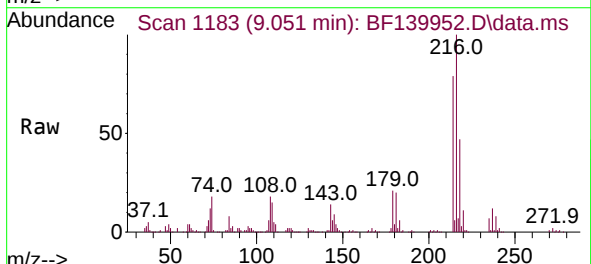


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Supervised By :mohammad  
ahmed

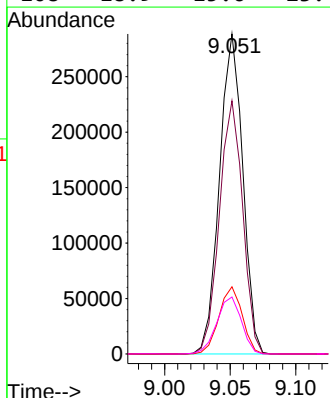
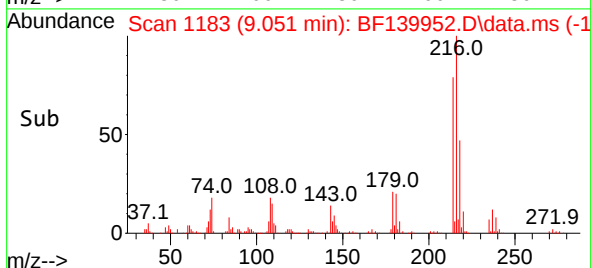
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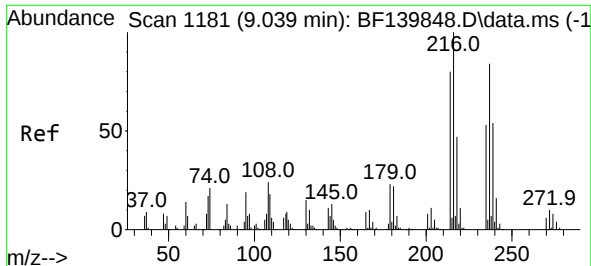


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.075 ng  
RT: 9.051 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:216 Resp: 355865  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.4 95.0  
179 21.0 17.2 25.8  
108 18.9 15.6 23.4





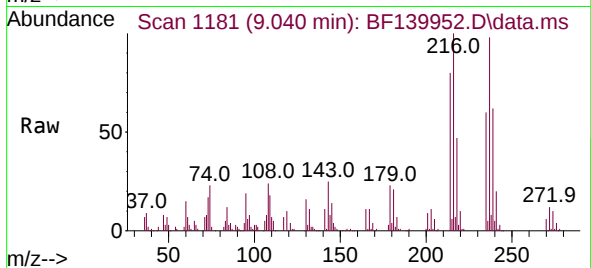
#41  
Hexachlorocyclopentadiene  
Concen: 43.472 ng  
RT: 9.040 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

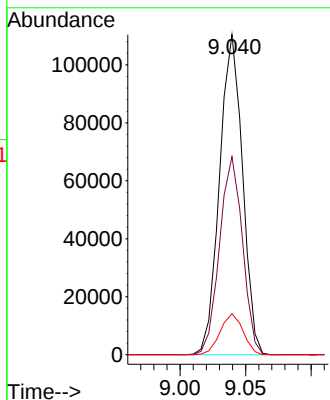
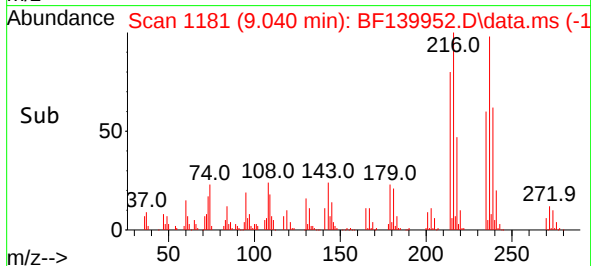
SSTDCCC040



Tgt Ion:237 Resp: 134320  
Ion Ratio Lower Upper  
237 100  
235 61.8 42.9 82.9  
272 12.8 0.0 32.3

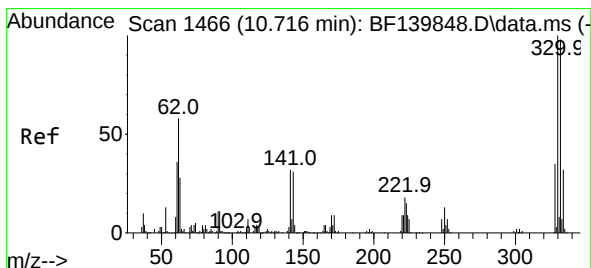
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

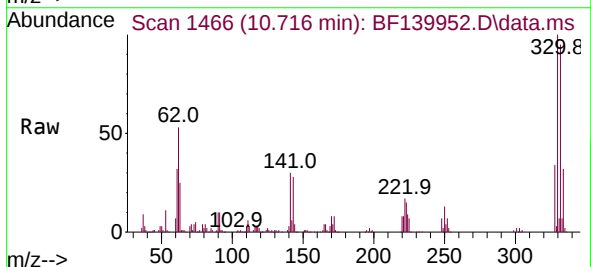


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Supervised By :mohammad  
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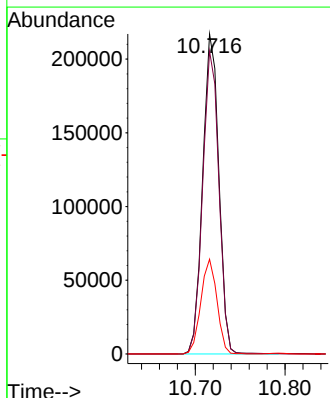
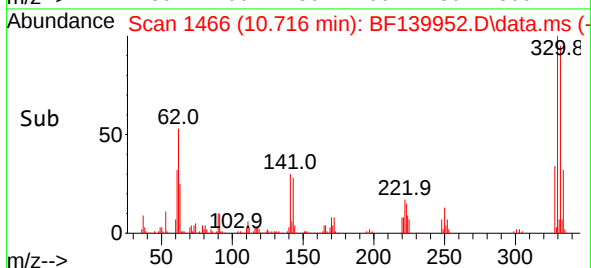
10/25/2024



#42  
2,4,6-Tribromophenol  
Concen: 88.103 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



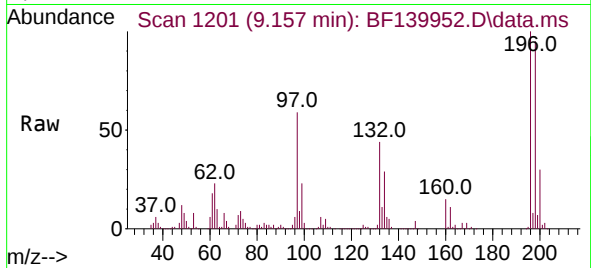
Tgt Ion:330 Resp: 271250  
Ion Ratio Lower Upper  
330 100  
332 95.1 78.1 117.1  
141 29.4 26.6 39.8





#43  
2,4,6-Trichlorophenol  
Concen: 42.153 ng  
RT: 9.157 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

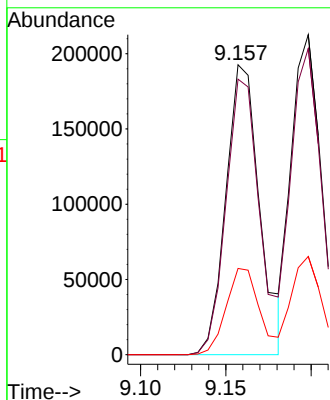
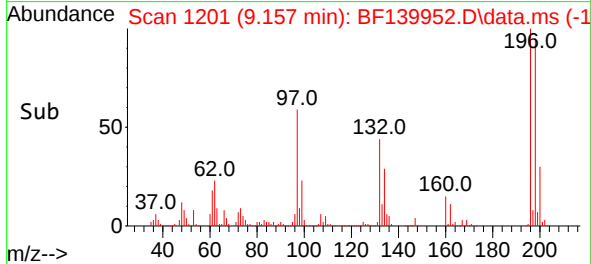
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 265010  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.2 114.2  
200 29.8 24.0 36.0

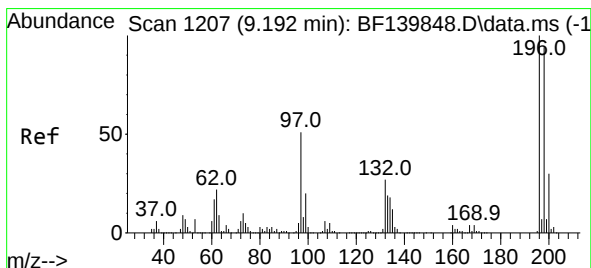
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

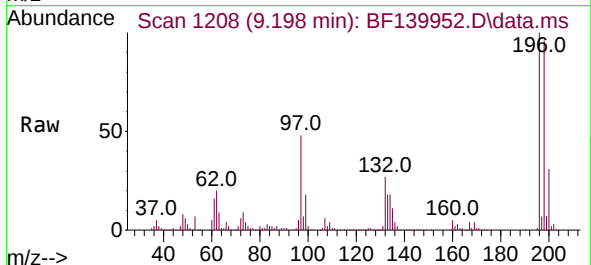


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Supervised By :mohammad  
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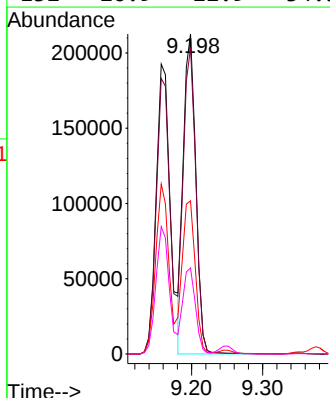
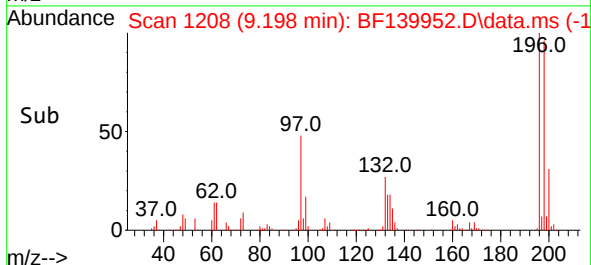
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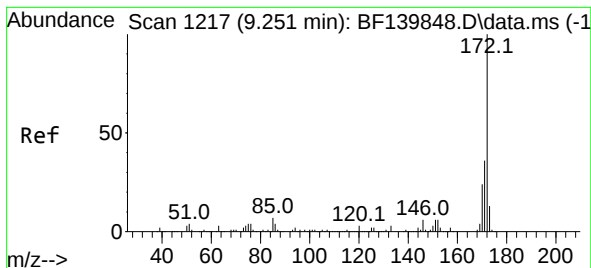


#44  
2,4,5-Trichlorophenol  
Concen: 39.859 ng  
RT: 9.198 min Scan# 1208  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:196 Resp: 258543  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.8 113.6  
97 47.8 41.8 62.6  
132 26.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 76.849 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1530540

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

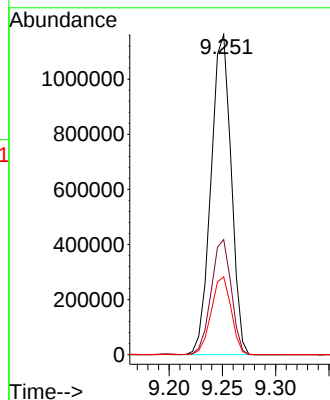
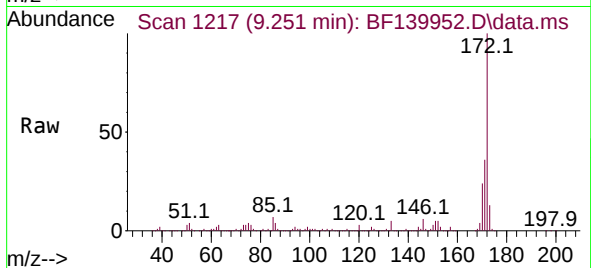
170 24.3 19.1 28.7

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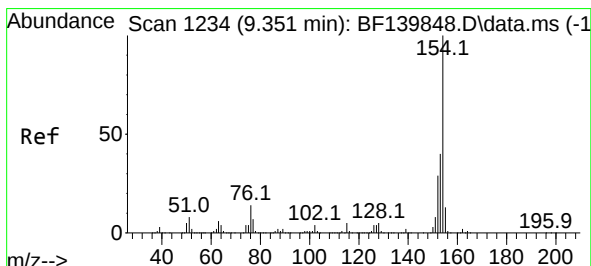
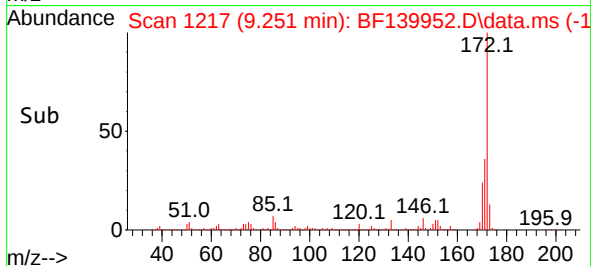
Supervised By :mohammad ahmed 10/25/2024



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Supervised By :mohammad  
ahmed

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#46

1,1'-Biphenyl

Concen: 38.918 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

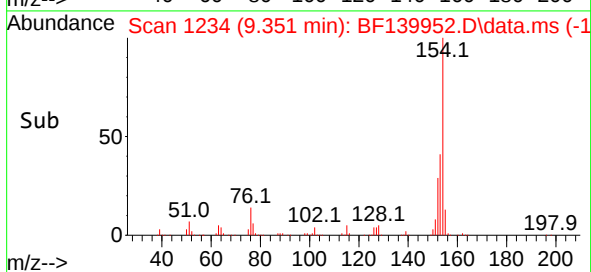
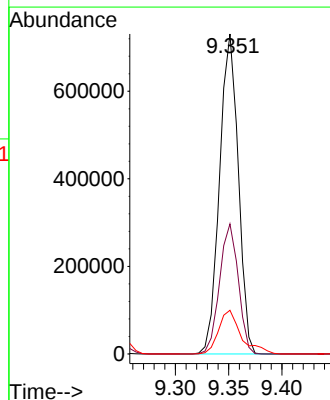
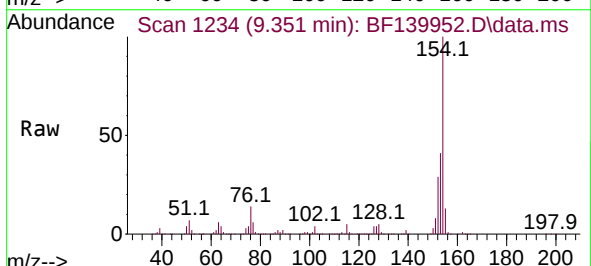
Tgt Ion:154 Resp: 891770

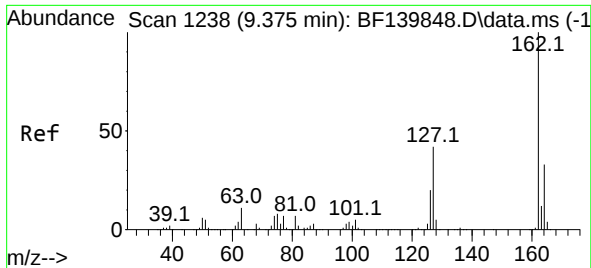
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.181 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139952.D

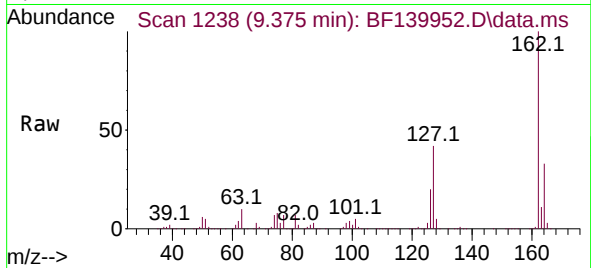
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 72309

Ion Ratio Lower Upper

162 100

127 41.9 33.8 50.6

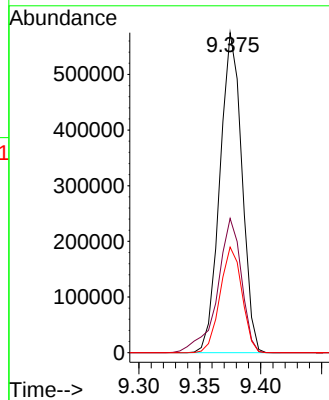
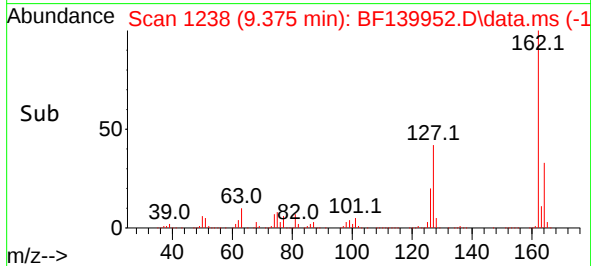
164 33.0 26.6 39.8

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Reviewed By :Yogesh Patel 10/24/2024

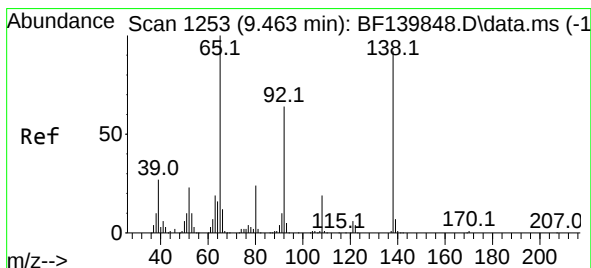
Supervised By :mohammad ahmed 10/25/2024



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Supervised By :mohammad  
ahmed

10/25/2024



#48

2-Nitroaniline

Concen: 42.300 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

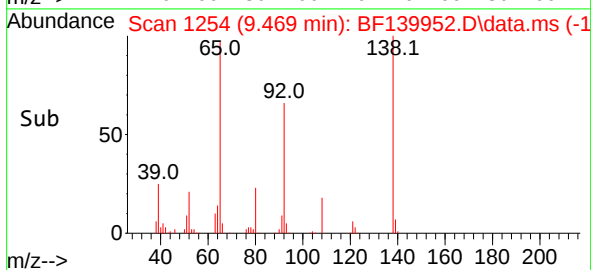
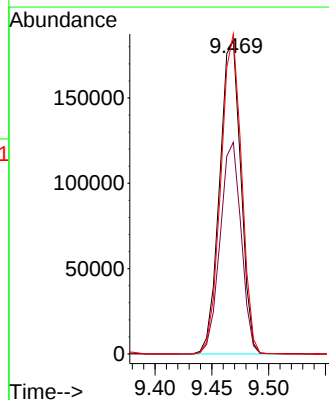
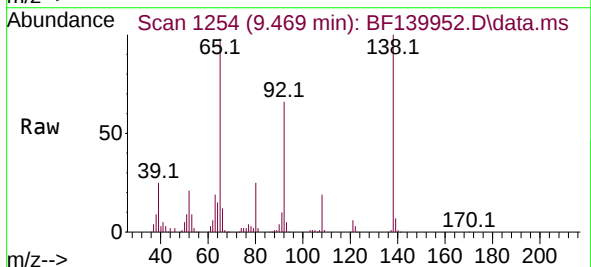
Tgt Ion: 65 Resp: 238757

Ion Ratio Lower Upper

65 100

92 67.5 50.9 76.3

138 102.0 73.4 110.0





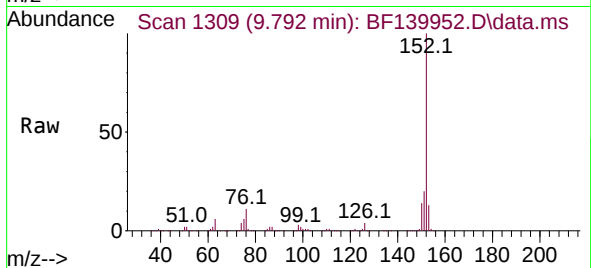
#49  
Acenaphthylene  
Concen: 39.200 ng  
RT: 9.792 min Scan# 1309  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



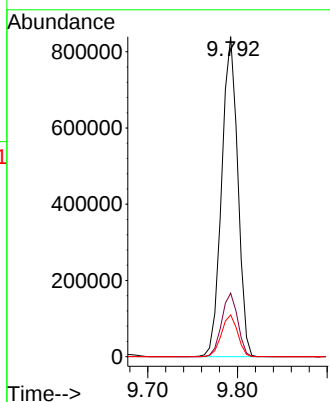
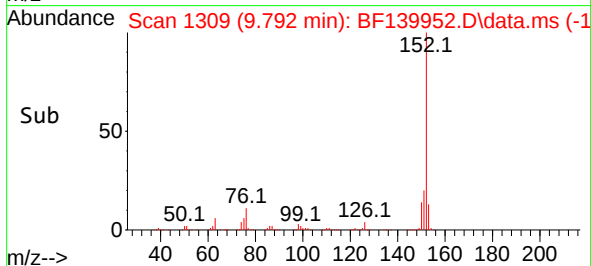
Tgt Ion:152 Resp: 104588  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 13.0 10.7 16.1

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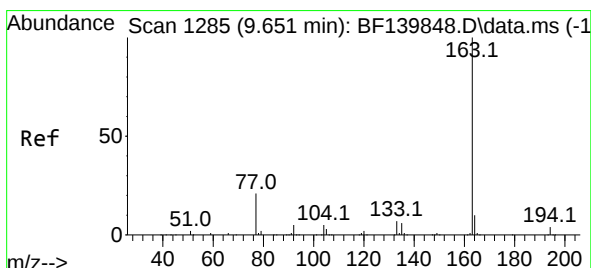
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

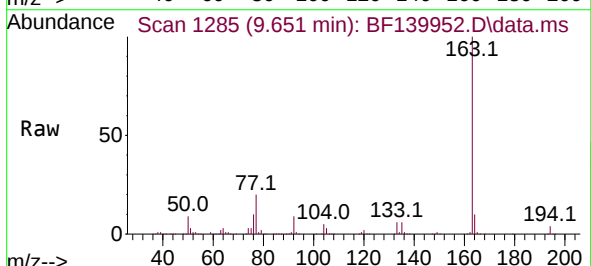


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Supervised By :mohammad  
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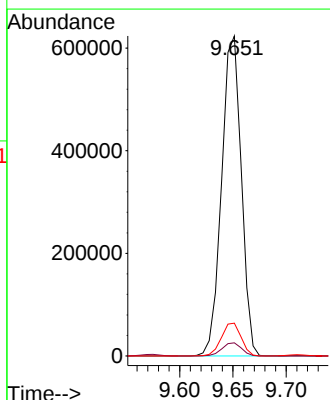
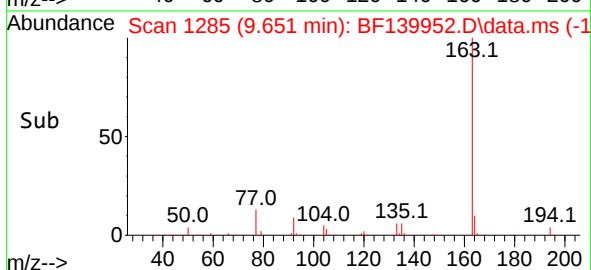
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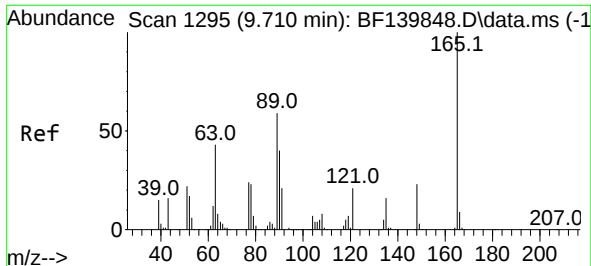


#50  
Dimethylphthalate  
Concen: 39.013 ng  
RT: 9.651 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:163 Resp: 799846  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.3 8.2 12.2





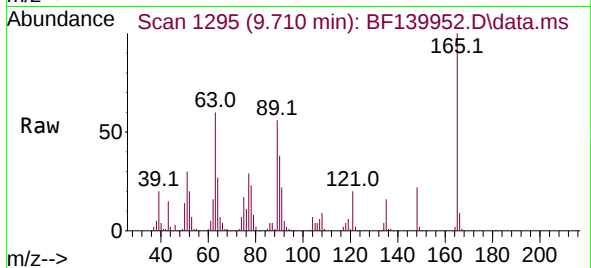
#51  
2,6-Dinitrotoluene  
Concen: 42.654 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

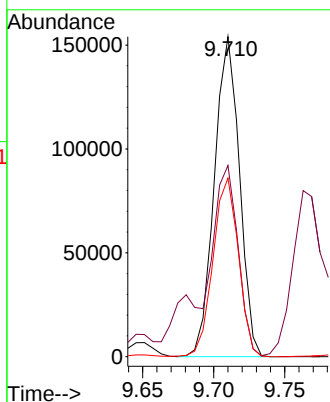
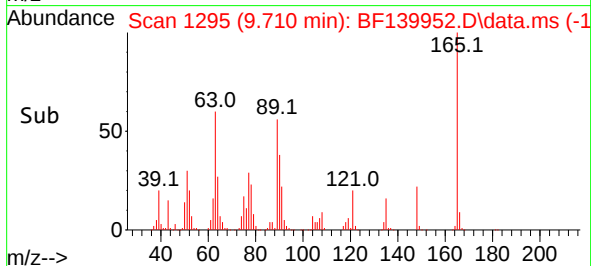
SSTDCCC040



Tgt Ion:165 Resp: 189348  
Ion Ratio Lower Upper  
165 100  
63 59.8 50.6 75.8  
89 55.8 47.5 71.3

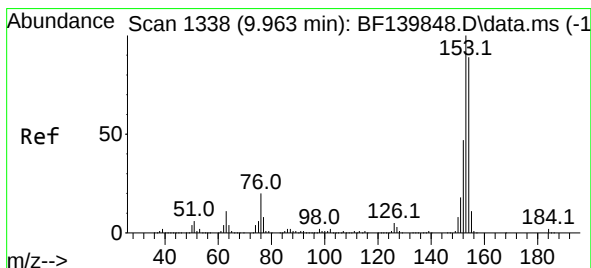
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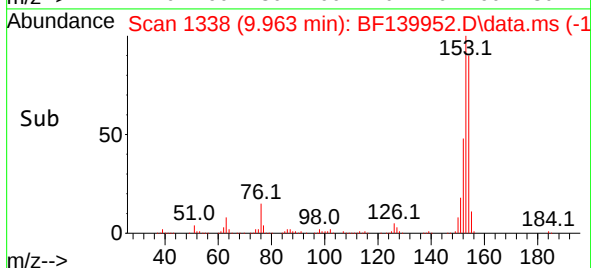
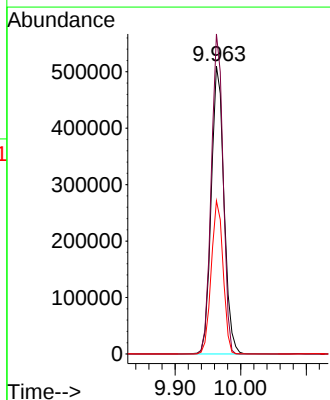
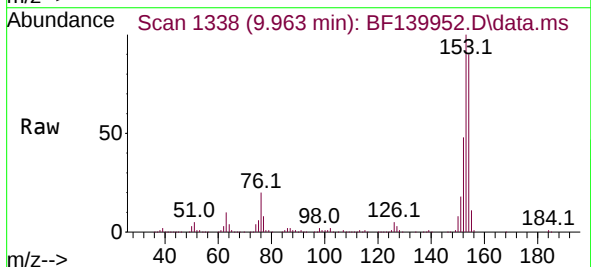
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ahmed

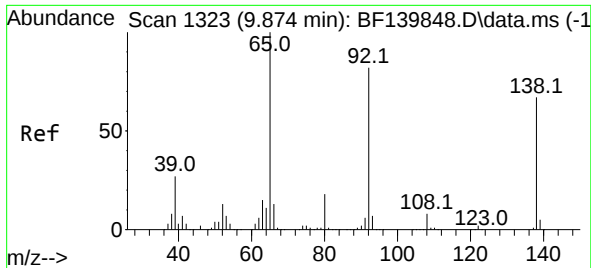
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#52  
Acenaphthene  
Concen: 39.935 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:154 Resp: 689265  
Ion Ratio Lower Upper  
154 100  
153 111.2 89.8 134.6  
152 53.2 42.4 63.6





#53  
3-Nitroaniline  
Concen: 42.145 ng  
RT: 9.875 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

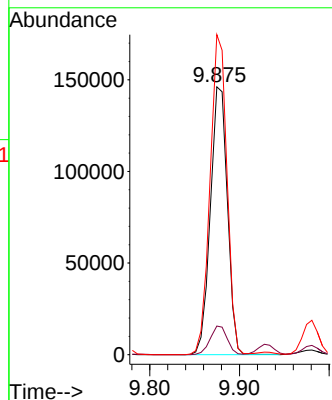
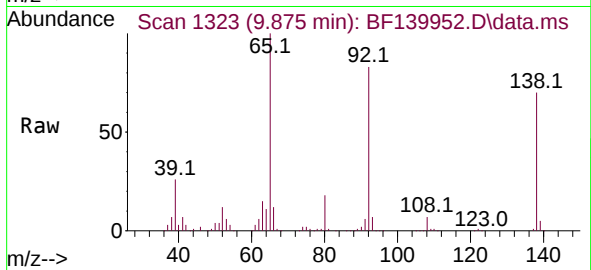
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 192935  
Ion Ratio Lower Upper  
138 100  
108 10.7 10.2 15.2  
92 119.5 98.3 147.5

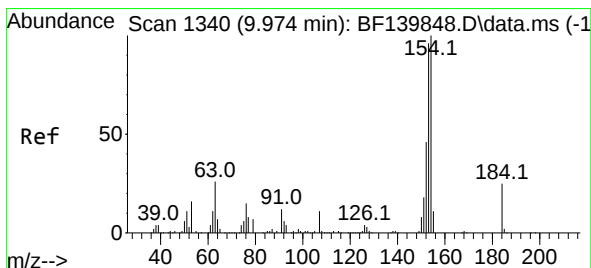
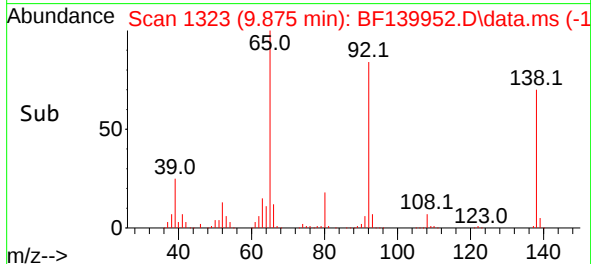
Manual Integrations  
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Supervised By :mohammad ahmed 10/25/2024



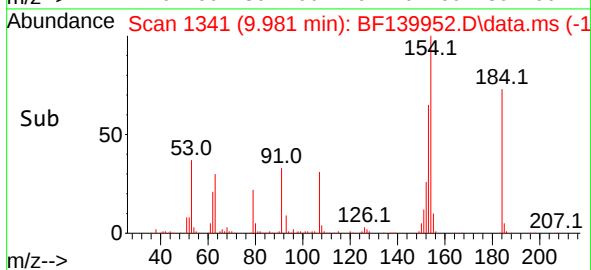
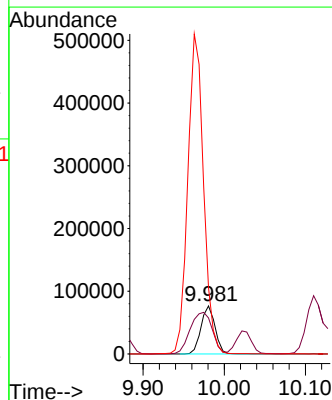
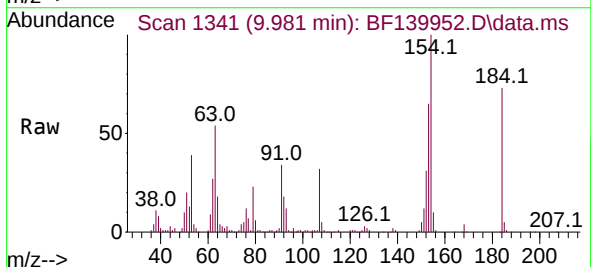
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Supervised By :mohammad  
ahmed

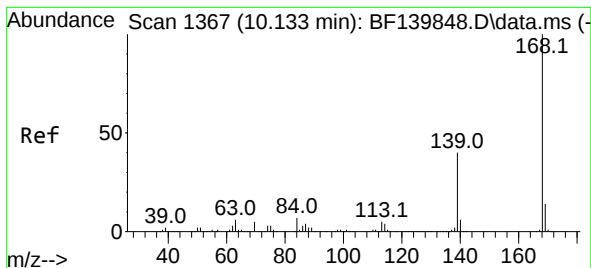
10/25/2024



#54  
2,4-Dinitrophenol  
Concen: 52.556 ng  
RT: 9.981 min Scan# 1341  
Delta R.T. 0.007 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

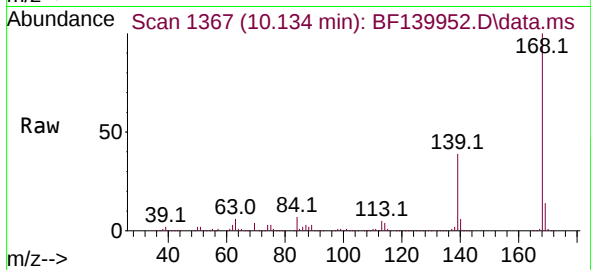
Tgt Ion:184 Resp: 92435  
Ion Ratio Lower Upper  
184 100  
63 74.9 84.7 127.1#  
154 137.6 338.2 507.2#





#55  
Dibenzenofuran  
Concen: 39.034 ng  
RT: 10.134 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

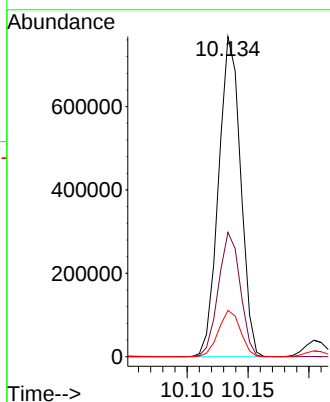
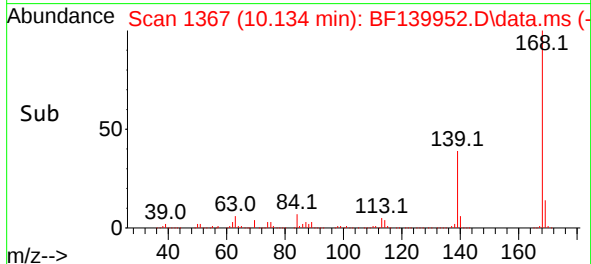
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 96662  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.8 47.6  
169 14.4 11.6 17.4

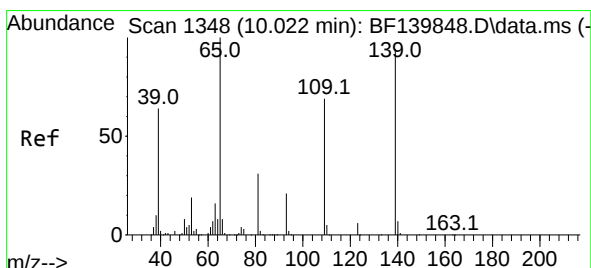
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

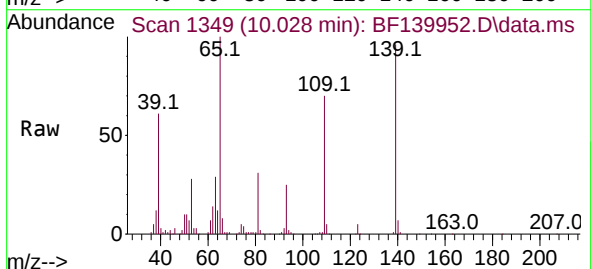


10/24/2024  
Supervised By :mohammad  
ahmed

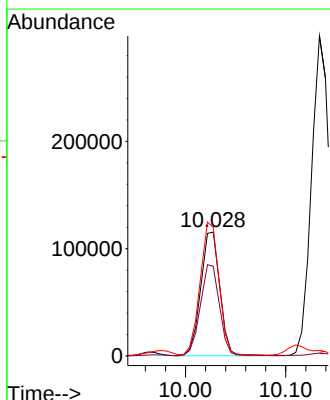
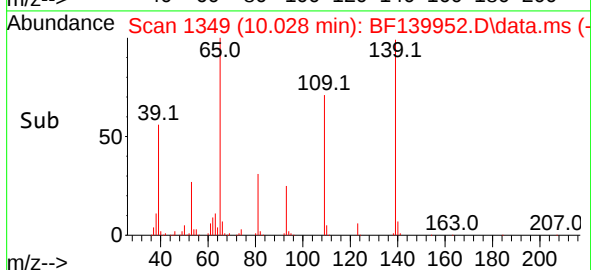
10/25/2024

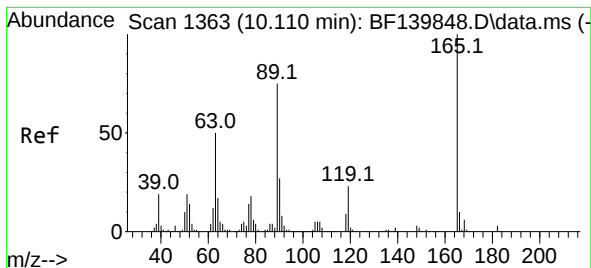


#56  
4-Nitrophenol  
Concen: 43.593 ng  
RT: 10.028 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:139 Resp: 153534  
Ion Ratio Lower Upper  
139 100  
109 72.5 53.6 93.6  
65 103.8 87.8 127.8





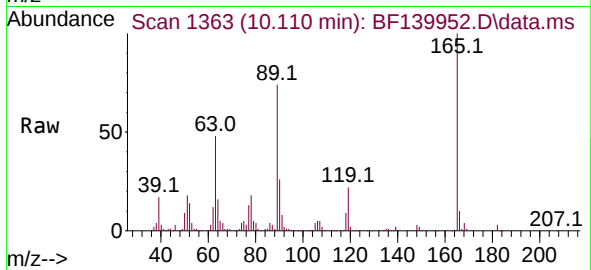
#57  
2,4-Dinitrotoluene  
Concen: 44.817 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



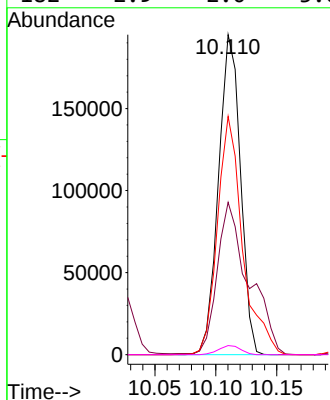
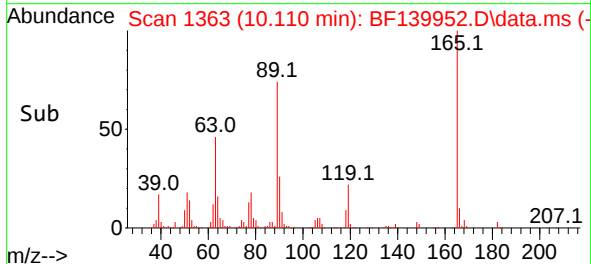
Tgt Ion:165 Resp: 244650  
Ion Ratio Lower Upper  
165 100  
63 47.6 40.1 60.1  
89 74.5 60.4 90.6  
182 2.9 2.0 3.0

Manual Integrations

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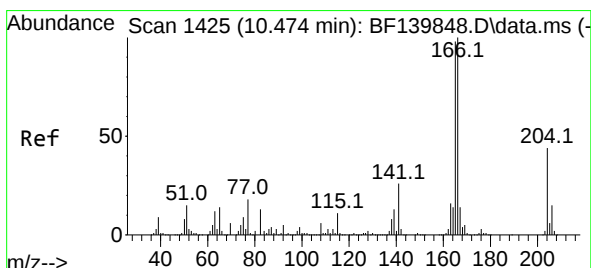
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

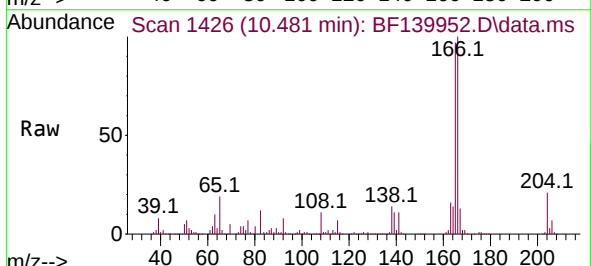


10/24/2024  
Supervised By :mohammad  
ahmed

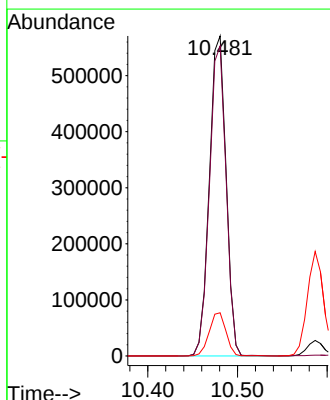
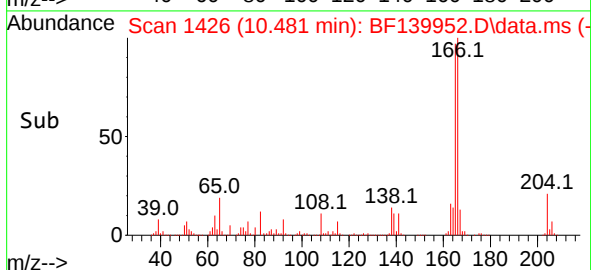
10/25/2024

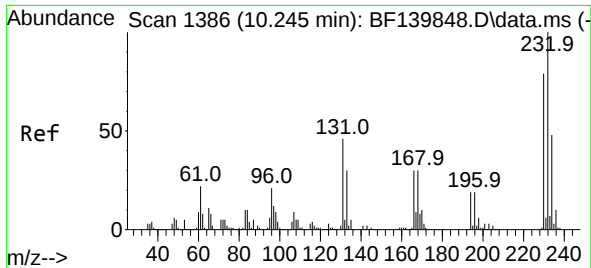


#58  
Fluorene  
Concen: 39.085 ng  
RT: 10.481 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:166 Resp: 737183  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.5 117.7  
167 13.5 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.221 ng  
RT: 10.251 min Scan# 1387  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

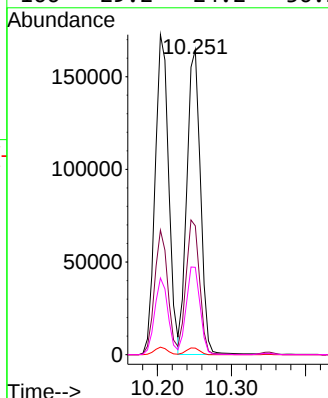
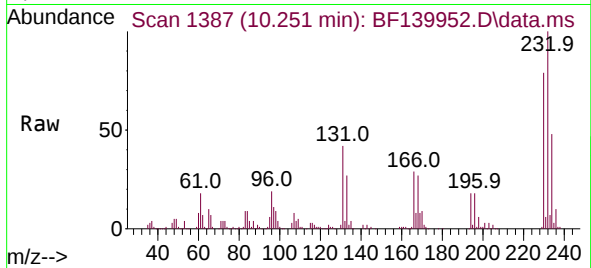
Tgt Ion:232 Resp: 20960  
Ion Ratio Lower Upper  
232 100  
131 43.6 37.0 55.6  
130 2.2 1.9 2.9  
166 29.2 24.2 36.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

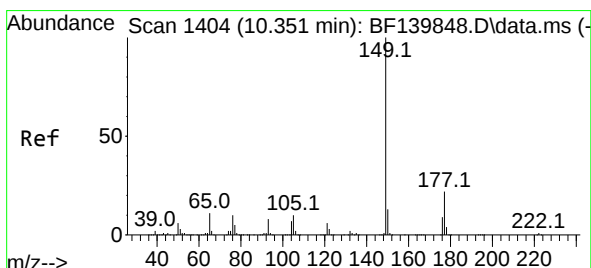
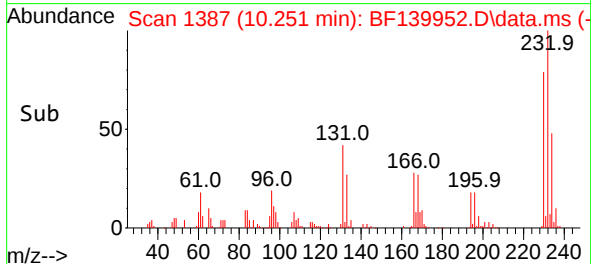
Supervised By :mohammad ahmed 10/25/2024



10/24/2024

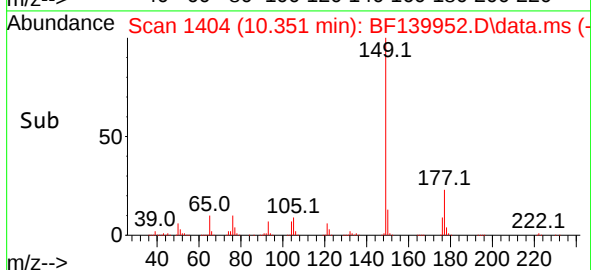
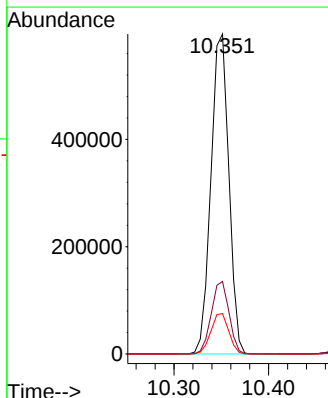
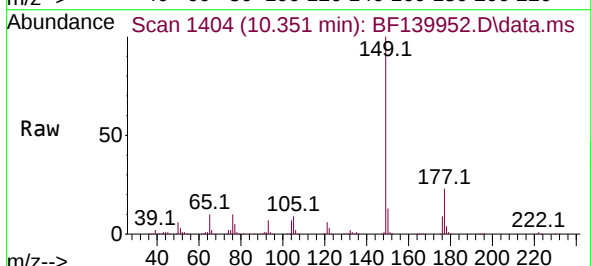
Supervised By :mohammad  
ahmed

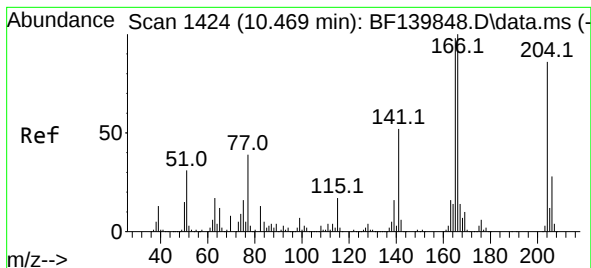
10/25/2024



#60  
Diethylphthalate  
Concen: 38.979 ng  
RT: 10.351 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

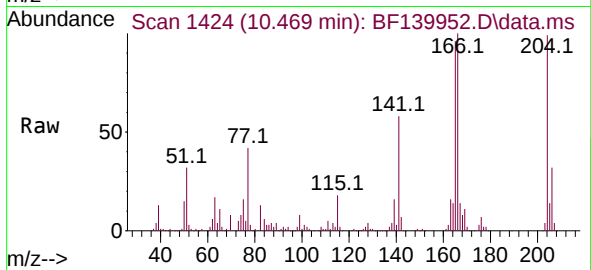
Tgt Ion:149 Resp: 784653  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.9 26.9  
150 12.6 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 40.360 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

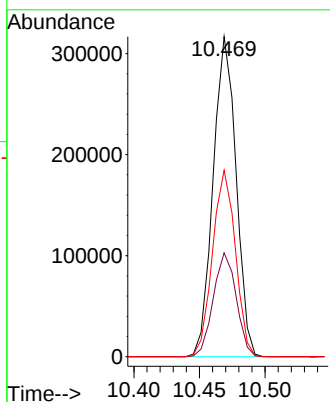
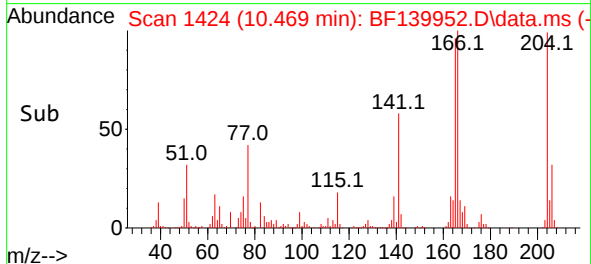
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 38442  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.3 39.5  
141 58.2 48.6 73.0

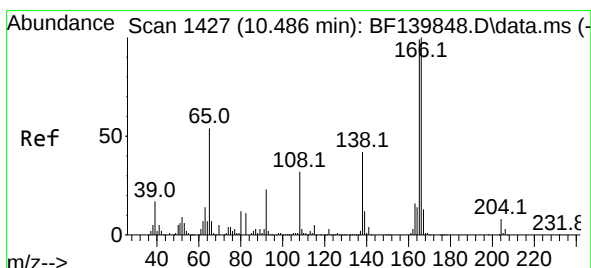
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

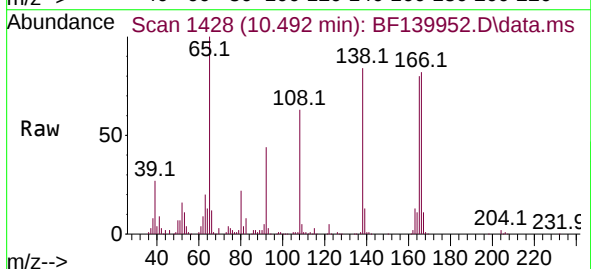


10/24/2024  
Supervised By :mohammad  
ahmed

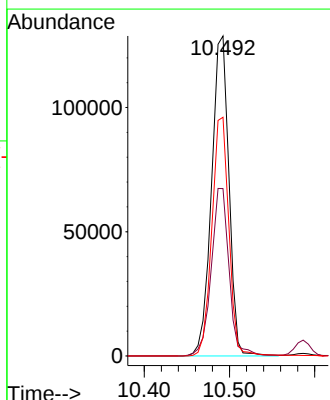
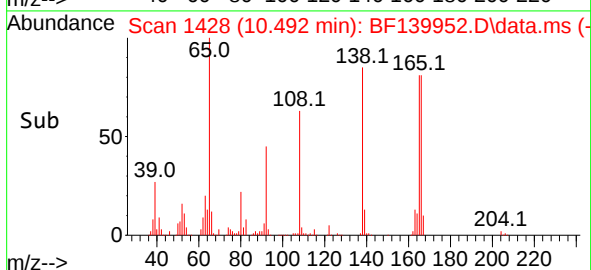
10/25/2024

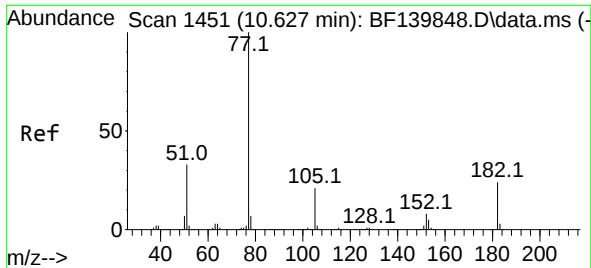


#62  
4-Nitroaniline  
Concen: 42.376 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:138 Resp: 183216  
Ion Ratio Lower Upper  
138 100  
92 52.3 35.7 75.7  
108 74.6 57.5 97.5





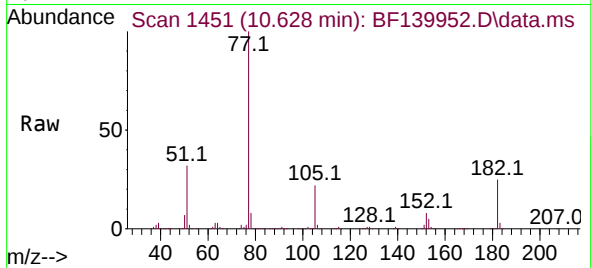
#63  
Azobenzene  
Concen: 37.507 ng  
RT: 10.628 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



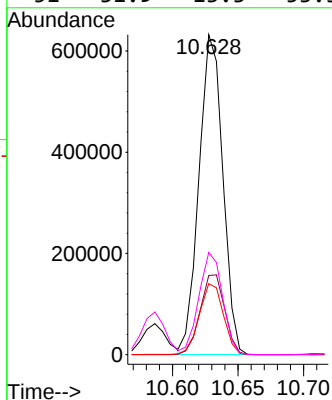
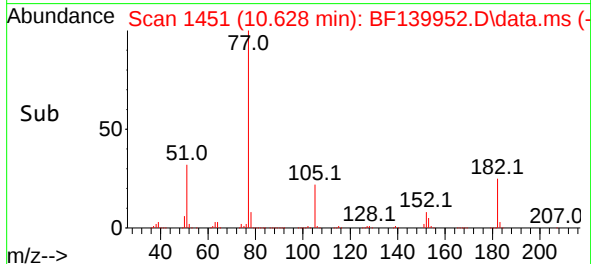
Tgt Ion: 77 Resp: 800430  
Ion Ratio Lower Upper  
77 100  
182 24.7 3.3 43.3  
105 22.2 1.2 41.2  
51 31.9 13.3 53.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

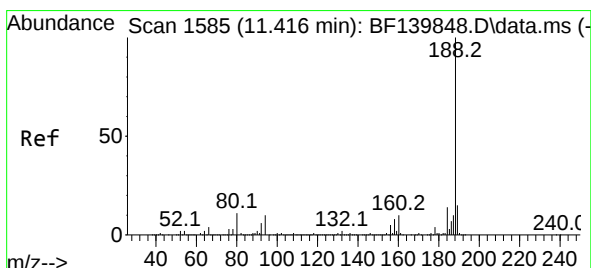
Supervised By :mohammad ahmed 10/25/2024



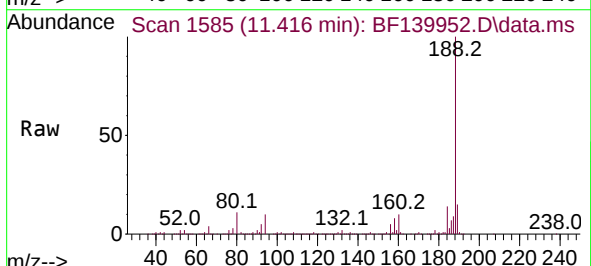
10/24/2024

Supervised By :mohammad  
ahmed

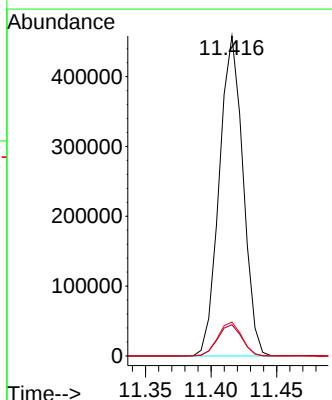
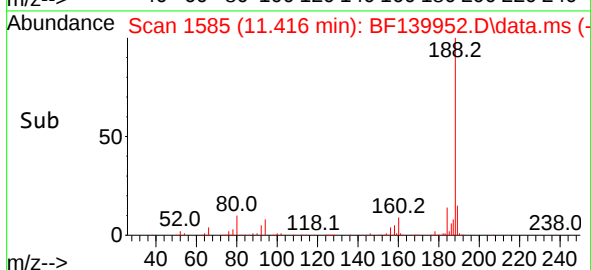
10/25/2024

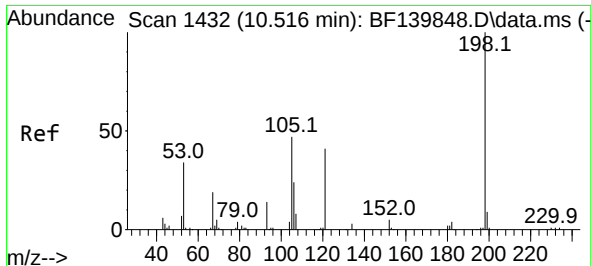


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



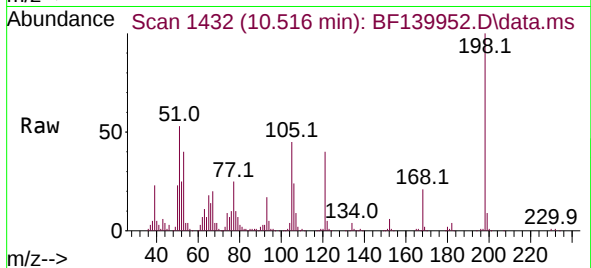
Tgt Ion:188 Resp: 576587  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.9 11.9  
80 10.6 9.0 13.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.496 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

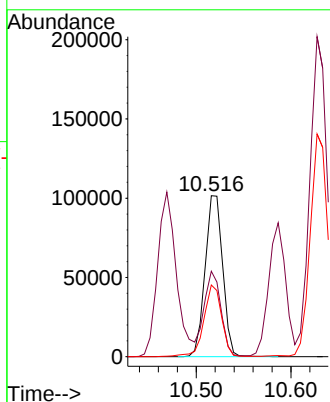
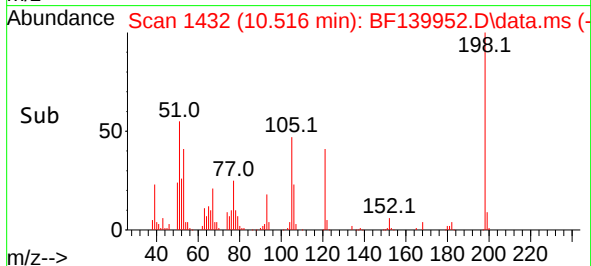
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 130520  
Ion Ratio Lower Upper  
198 100  
51 53.1 38.2 78.2  
105 44.5 27.9 67.9

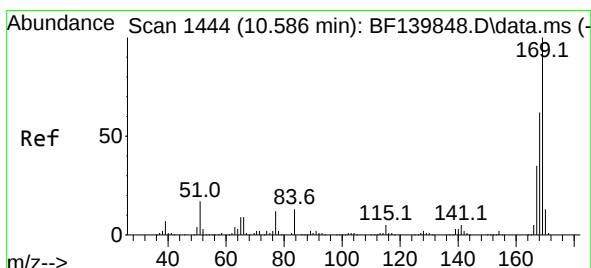
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

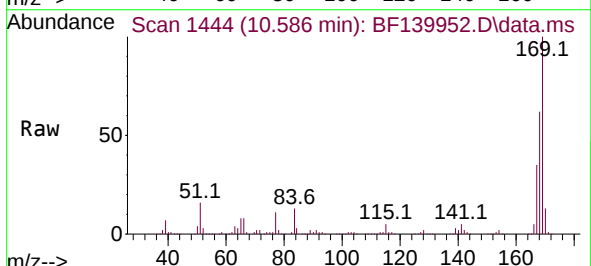


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Supervised By :mohammad  
ahmed

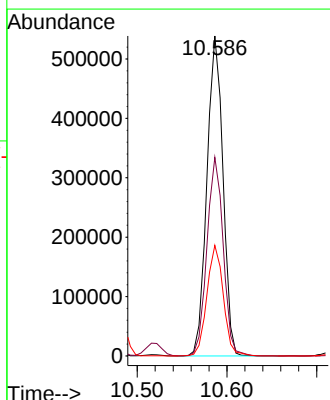
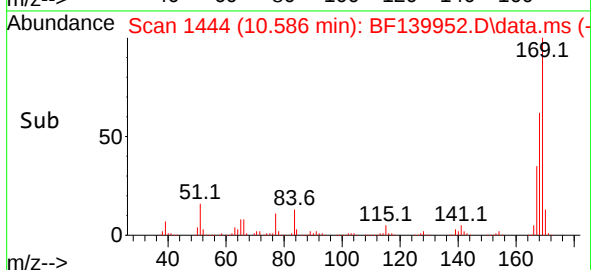
10/25/2024

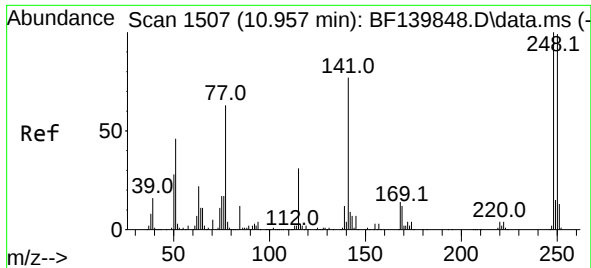


#66  
n-Nitrosodiphenylamine  
Concen: 38.723 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:169 Resp: 668240  
Ion Ratio Lower Upper  
169 100  
168 62.1 49.8 74.6  
167 34.6 28.0 42.0





#67  
4-Bromophenyl-phenylether  
Concen: 40.947 ng  
RT: 10.963 min Scan# 1507  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

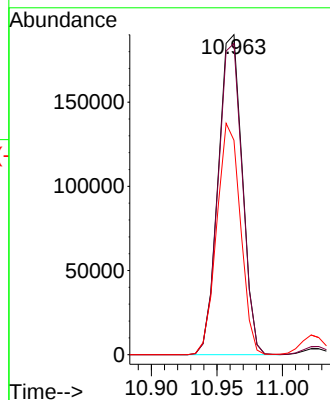
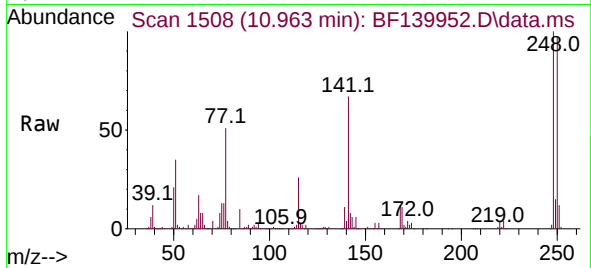
Tgt Ion:248 Resp: 24322  
Ion Ratio Lower Upper  
248 100  
250 97.2 79.0 118.6  
141 67.0 61.7 92.5

Manual Integrations

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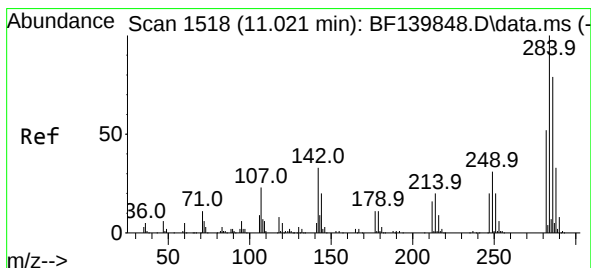
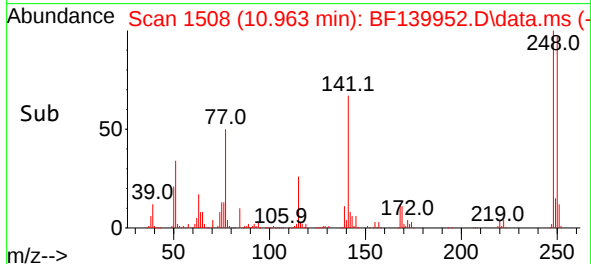
Supervised By :mohammad ahmed 10/25/2024



10/24/2024

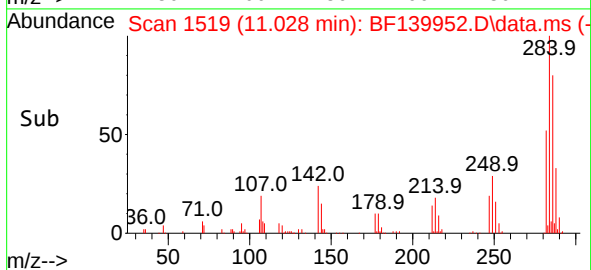
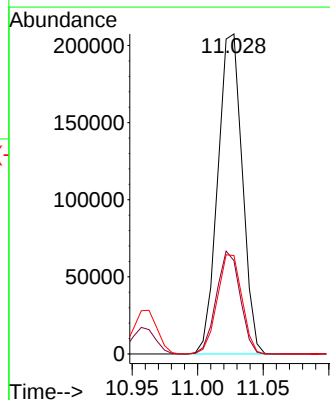
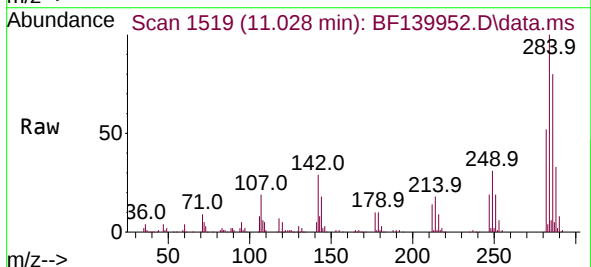
Supervised By :mohammad  
ahmed

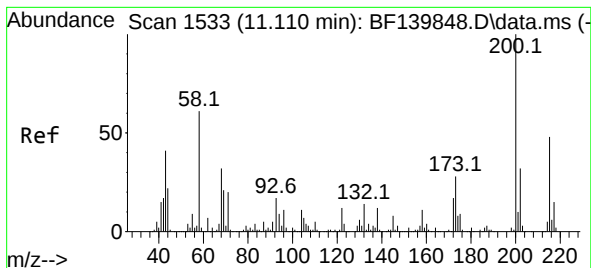
10/25/2024



#68  
Hexachlorobenzene  
Concen: 40.278 ng  
RT: 11.028 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:284 Resp: 269072  
Ion Ratio Lower Upper  
284 100  
142 29.1 26.9 40.3  
249 30.8 25.3 37.9





#69

Atrazine

Concen: 40.631 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 18993

Ion Ratio Lower Upper

200 100

173 27.4 7.7 47.7

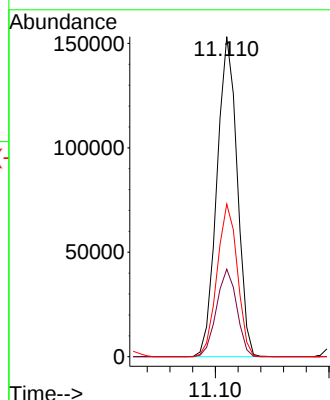
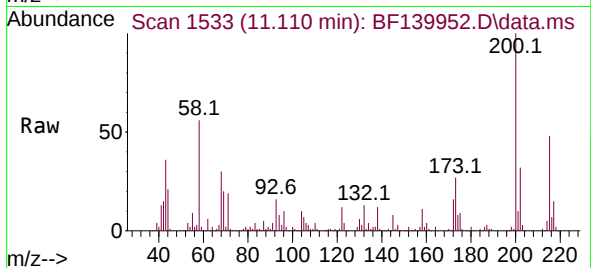
215 47.7 27.7 67.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2024

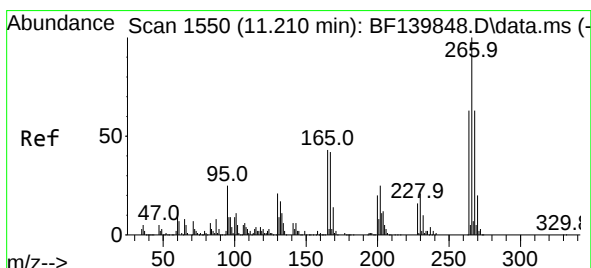
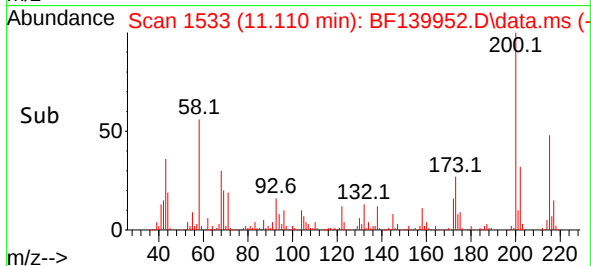
Supervised By :mohammad ahmed 10/25/2024



10/24/2024

Supervised By :mohammad  
ahmed

10/25/2024



#70

Pentachlorophenol

Concen: 45.879 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

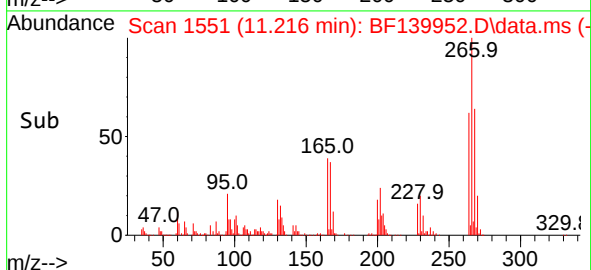
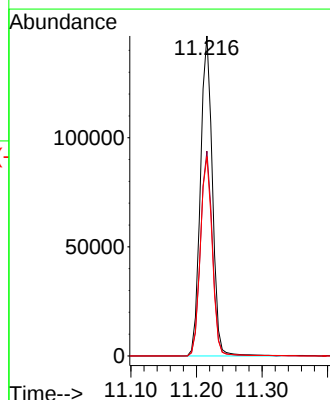
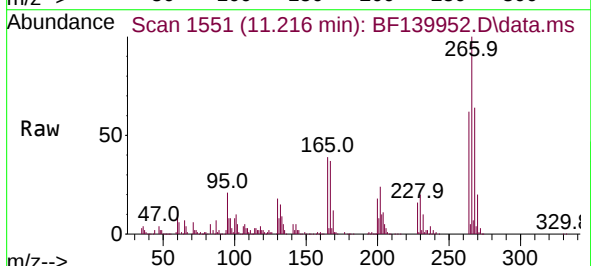
Tgt Ion:266 Resp: 186013

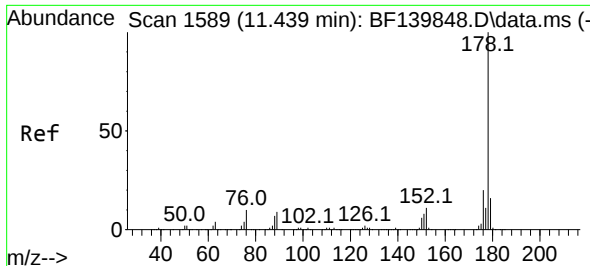
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

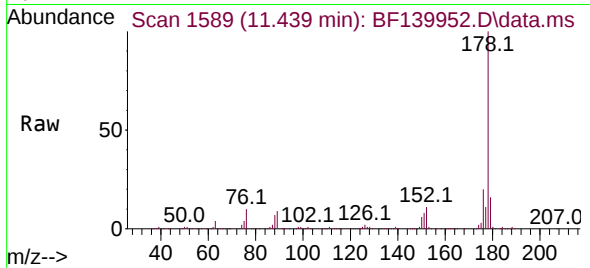
264 62.3 50.6 75.8





#71  
Phenanthrene  
Concen: 38.377 ng  
RT: 11.439 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

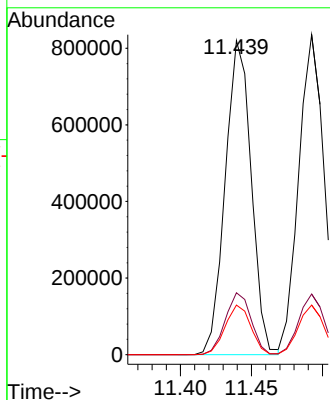
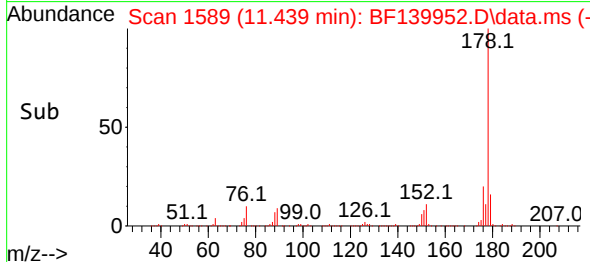
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 104522  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.6  
179 15.8 12.6 18.8

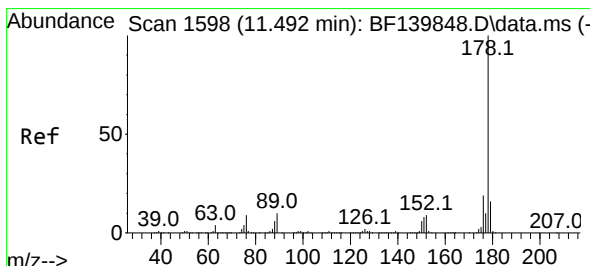
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

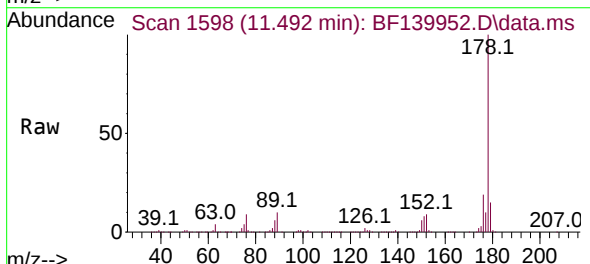


10/24/2024  
Supervised By :mohammad  
ahmed

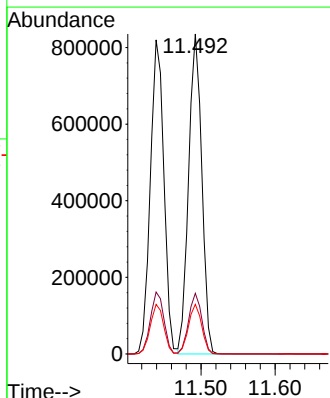
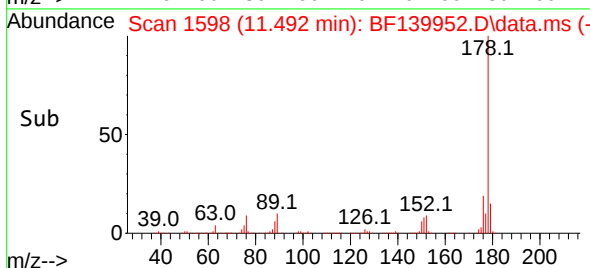
10/25/2024

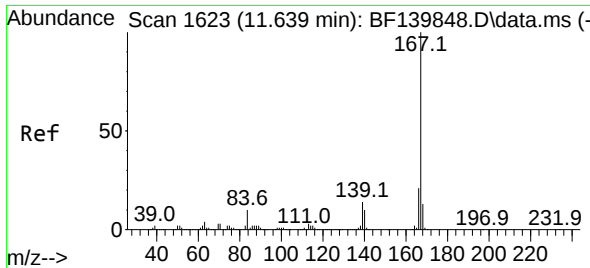


#72  
Anthracene  
Concen: 38.865 ng  
RT: 11.492 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



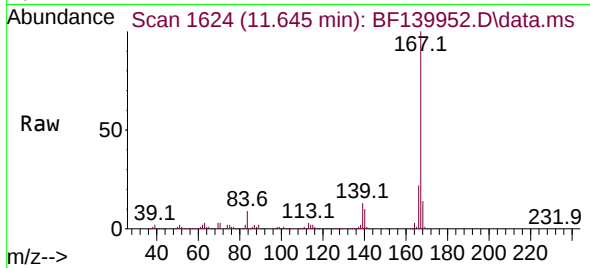
Tgt Ion:178 Resp: 1032769  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.5 12.4 18.6





#73  
 Carbazole  
 Concen: 38.023 ng  
 RT: 11.645 min Scan# 1623  
 Delta R.T. 0.006 min  
 Lab File: BF139952.D  
 Acq: 23 Oct 2024 09:20

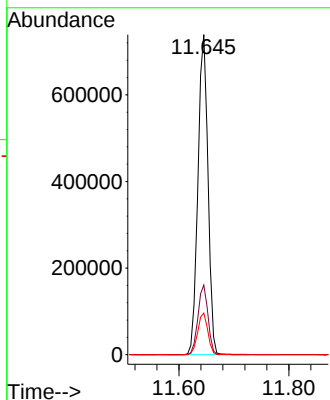
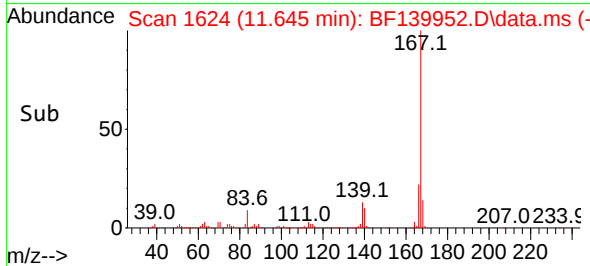
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:167 Resp: 939679  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.0 25.6  
 139 13.0 10.8 16.2

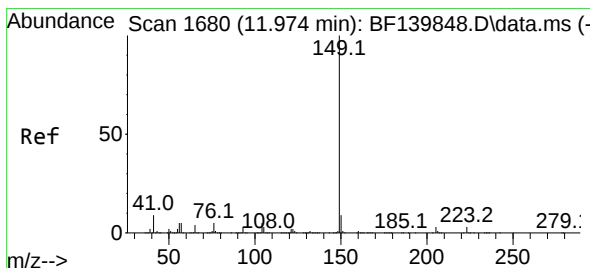
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2024  
 Supervised By :mohammad ahmed 10/25/2024

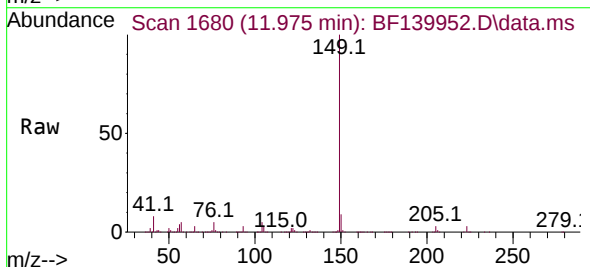


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 Supervised By :mohammad  
 ahmed

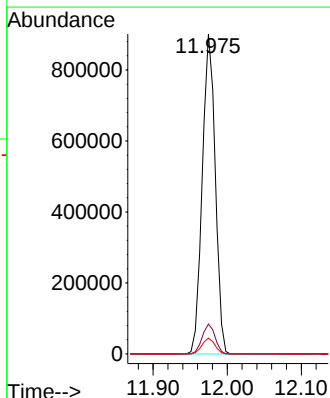
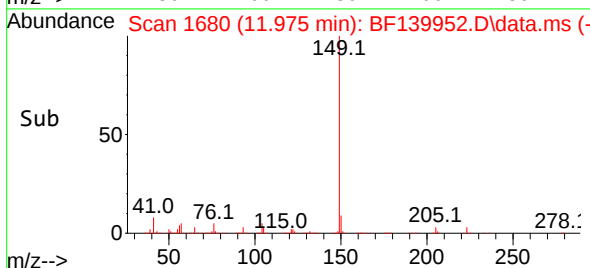
10/25/2024

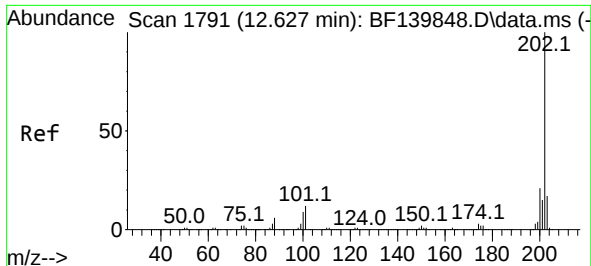


#74  
 Di-n-butylphthalate  
 Concen: 38.399 ng  
 RT: 11.975 min Scan# 1680  
 Delta R.T. 0.000 min  
 Lab File: BF139952.D  
 Acq: 23 Oct 2024 09:20



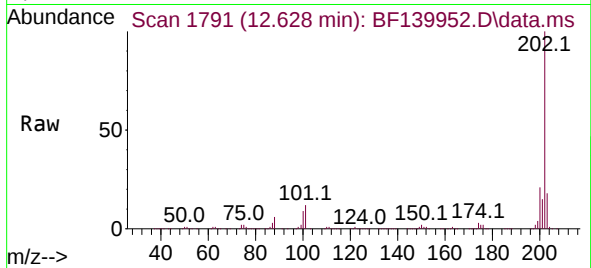
Tgt Ion:149 Resp: 1096390  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 4.9 4.1 6.1





#75  
Fluoranthene  
Concen: 38.592 ng  
RT: 12.628 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

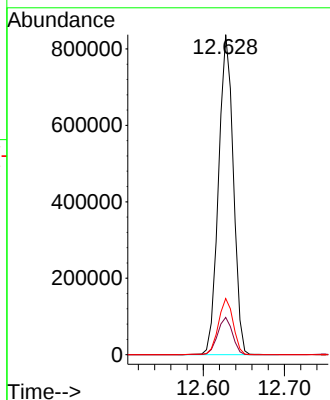
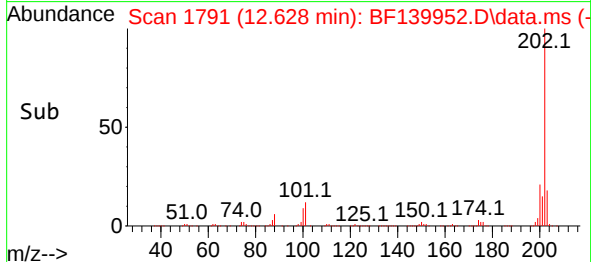
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 1062550  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 31.9  
203 17.5 0.0 37.5

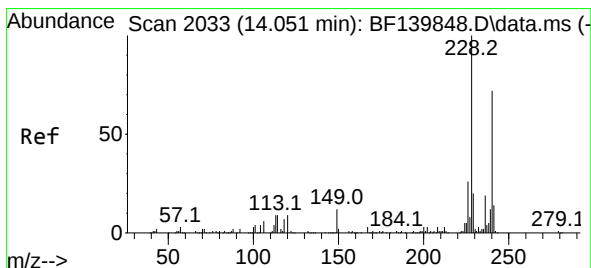
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024

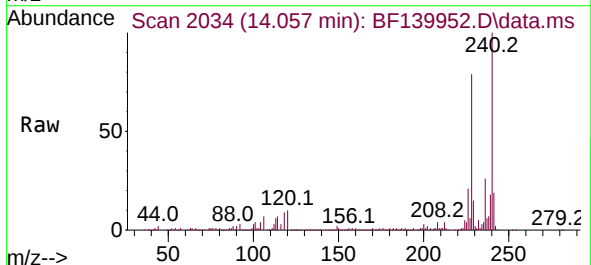


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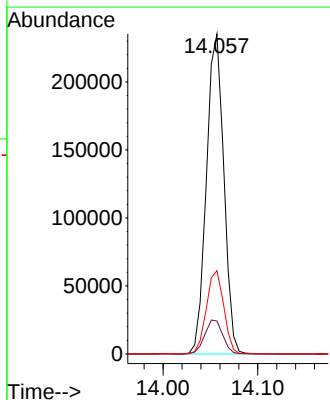
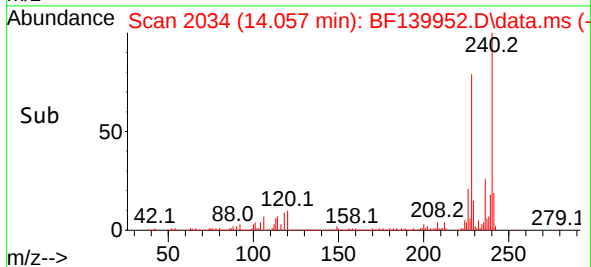
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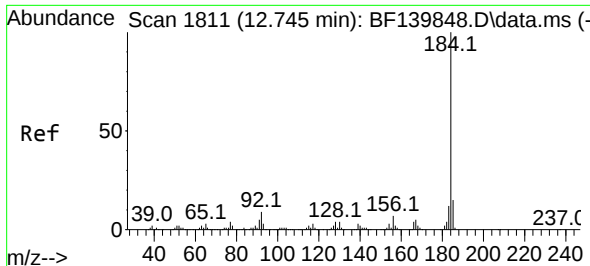


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2034  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



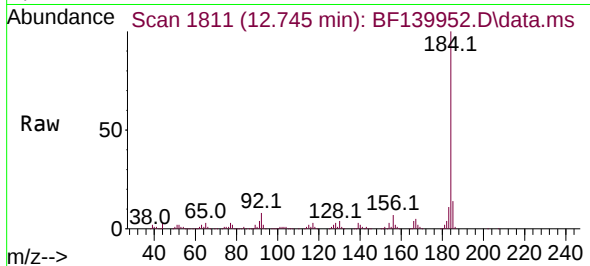
Tgt Ion:240 Resp: 299183  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.4 14.2  
236 26.1 20.9 31.3





#77  
Benzidine  
Concen: 49.870 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

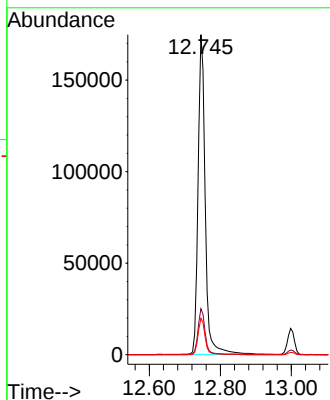
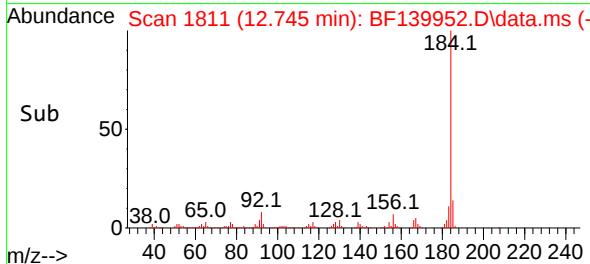
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 245338  
Ion Ratio Lower Upper  
184 100  
185 14.4 12.0 18.0  
183 11.3 9.4 14.2

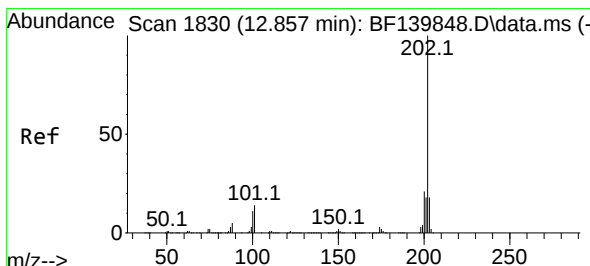
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024



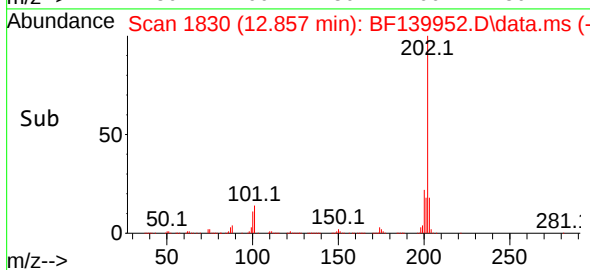
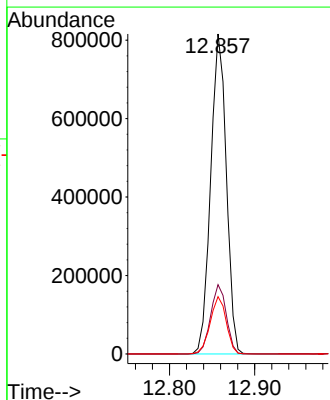
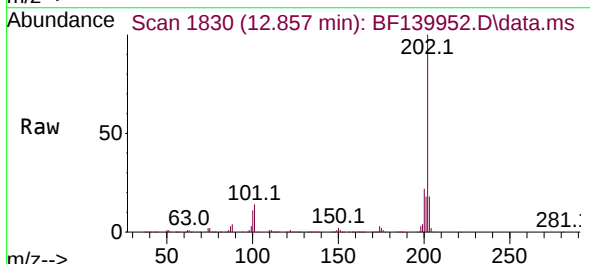
10/24/2024  
Supervised By :mohammad  
ahmed

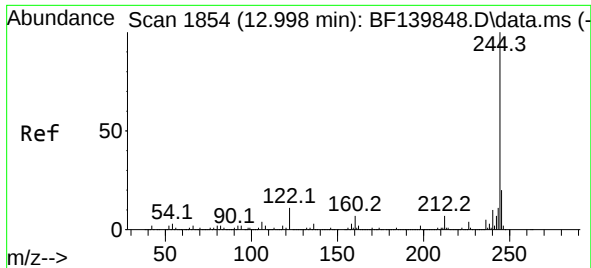
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#78  
Pyrene  
Concen: 39.923 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:202 Resp: 1045514  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.2 25.8  
203 17.9 14.2 21.4





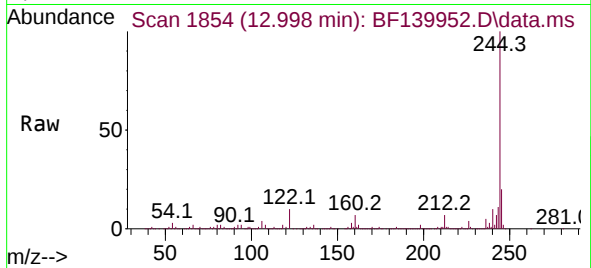
#79  
 Terphenyl-d14  
 Concen: 80.588 ng  
 RT: 12.998 min Scan# 1854  
 Delta R.T. 0.000 min  
 Lab File: BF139952.D  
 Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



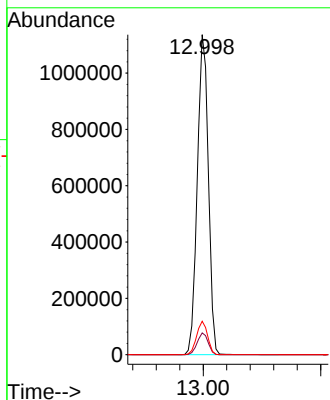
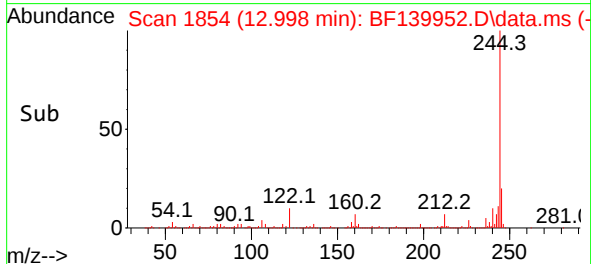
Tgt Ion:244 Resp: 1479650  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 10.5 8.6 13.0

Manual Integrations

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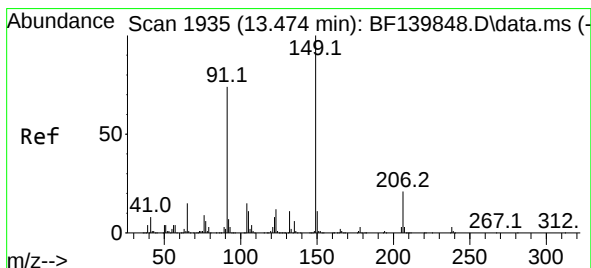
Supervised By :mohammad ahmed 10/25/2024



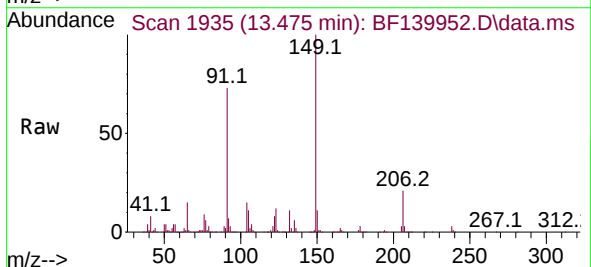
10/24/2024

Supervised By :mohammad  
 ahmed

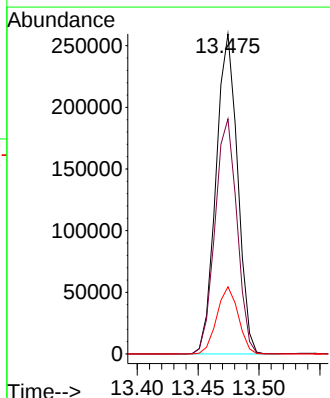
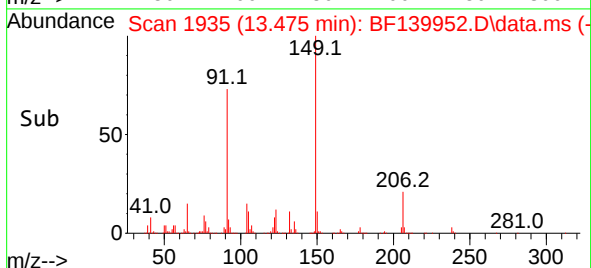
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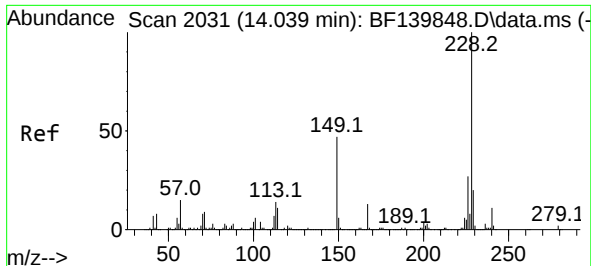


#80  
 Butylbenzylphthalate  
 Concen: 40.854 ng  
 RT: 13.475 min Scan# 1935  
 Delta R.T. 0.000 min  
 Lab File: BF139952.D  
 Acq: 23 Oct 2024 09:20



Tgt Ion:149 Resp: 320762  
 Ion Ratio Lower Upper  
 149 100  
 91 73.4 59.4 89.2  
 206 21.0 16.4 24.6





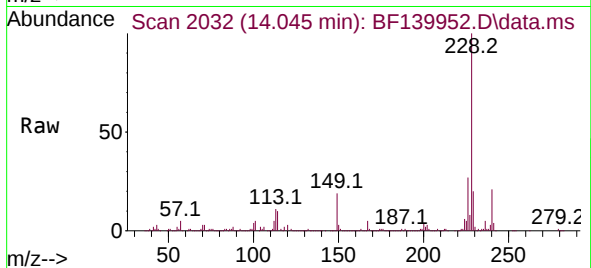
#81  
Benzo(a)anthracene  
Concen: 39.104 ng  
RT: 14.045 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



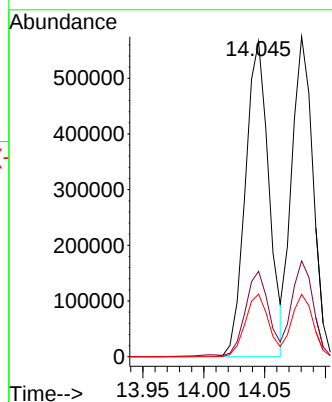
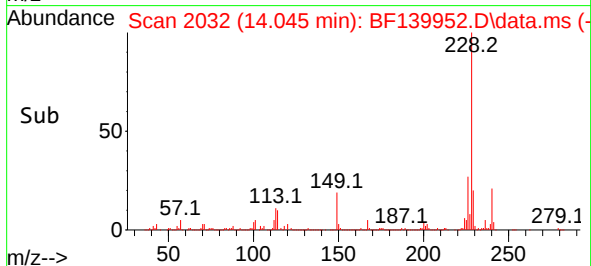
Tgt Ion:228 Resp: 761588  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.6 32.4  
229 19.9 16.1 24.1

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Reviewed By :Yogesh Patel 10/24/2024

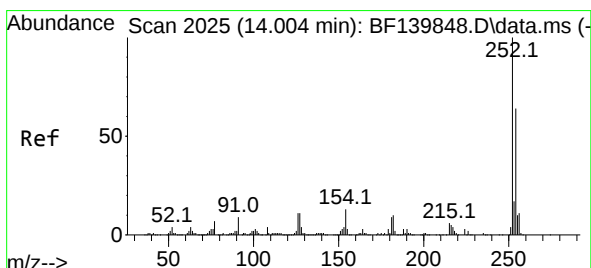
Supervised By :mohammad ahmed 10/25/2024



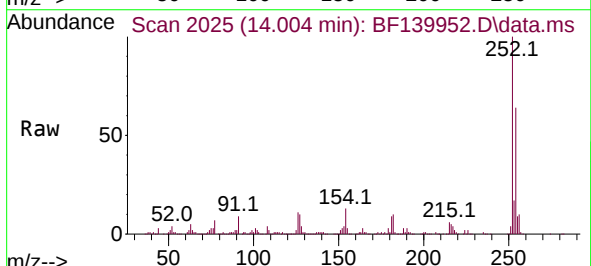
10/24/2024

Supervised By :mohammad  
ahmed

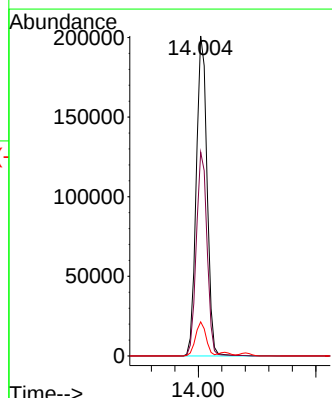
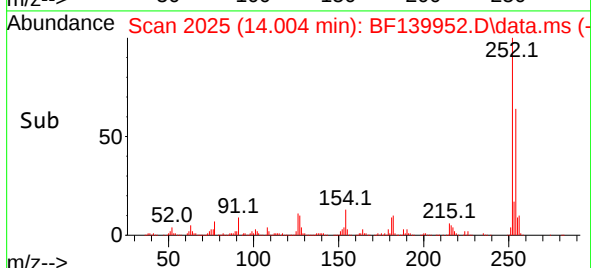
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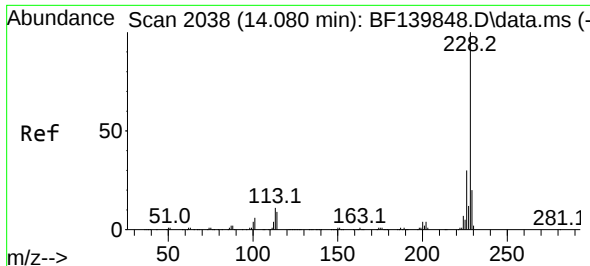


#82  
3,3'-Dichlorobenzidine  
Concen: 44.975 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20



Tgt Ion:252 Resp: 255392  
Ion Ratio Lower Upper  
252 100  
254 63.7 50.8 76.2  
126 10.7 8.9 13.3





#83  
Chrysene  
Concen: 39.187 ng  
RT: 14.080 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

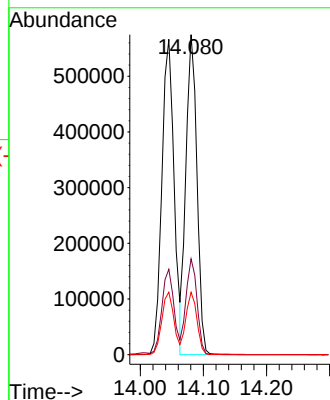
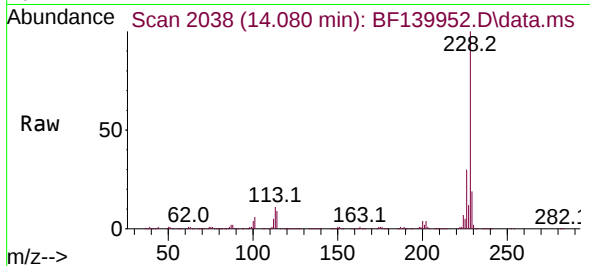
Tgt Ion:228 Resp: 699768  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.1 36.1  
229 19.5 15.8 23.6

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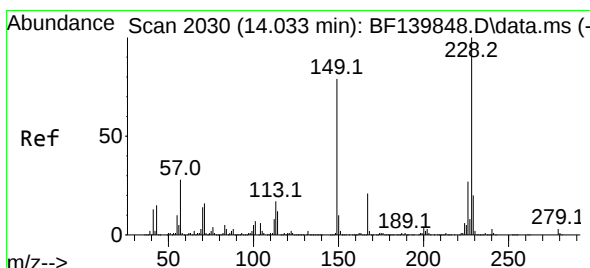
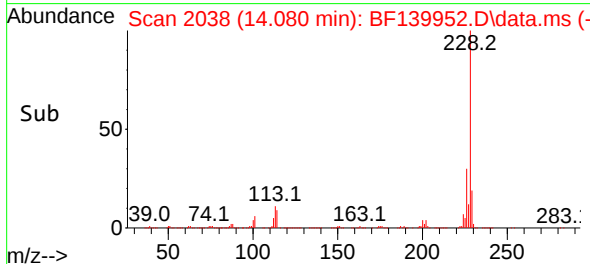
Supervised By :mohammad ahmed 10/25/2024



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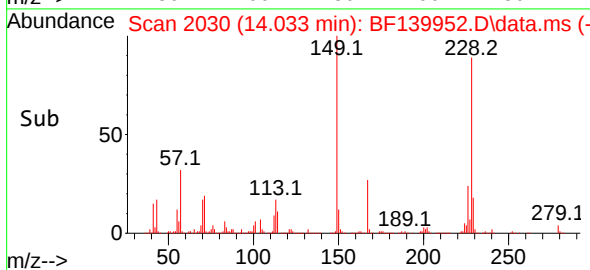
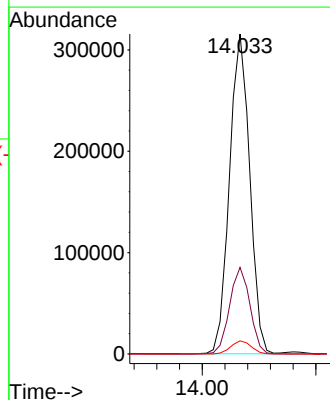
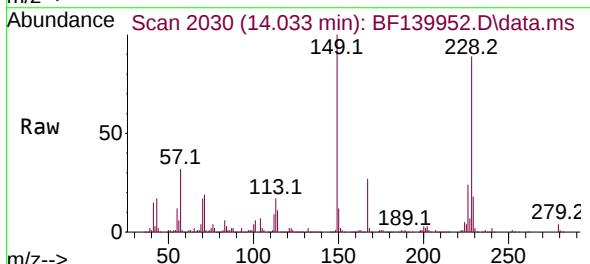
Supervised By :mohammad  
ahmed

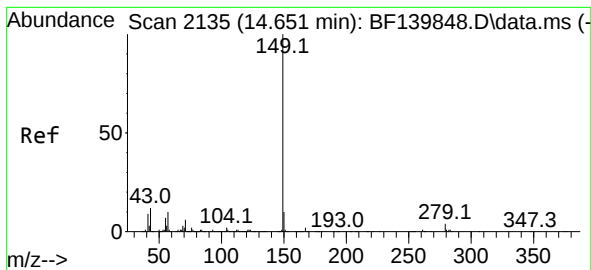
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.280 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:149 Resp: 390057  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.4 32.0  
279 4.1 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 43.437 ng  
RT: 14.645 min Scan# 2135  
Delta R.T. -0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNF

ClientSampleId :

SSTDCCC040

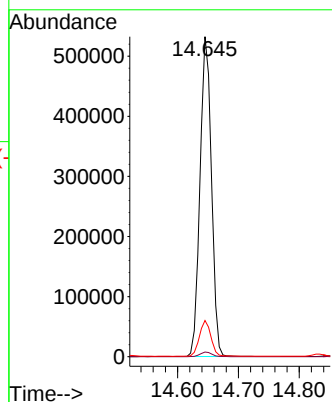
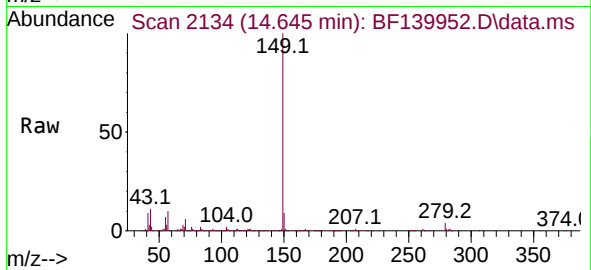
Tgt Ion:149 Resp: 69595  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.4 9.8 14.6

Manual Integrations

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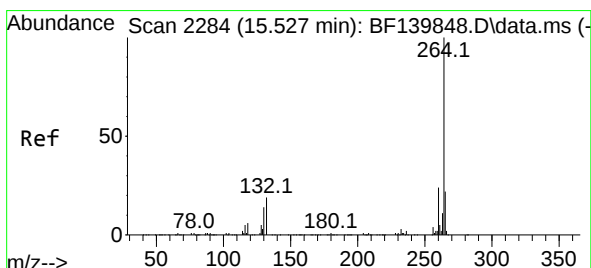
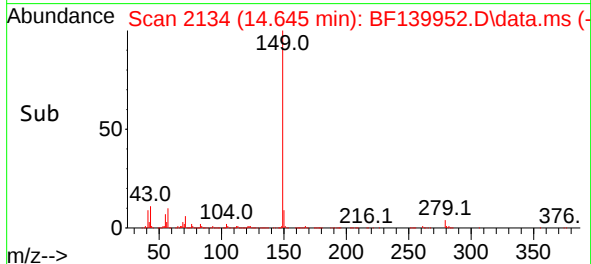
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



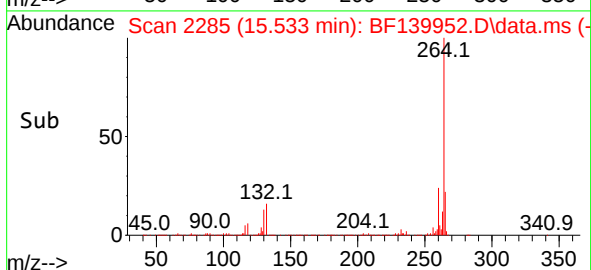
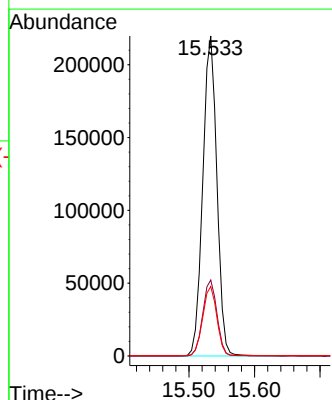
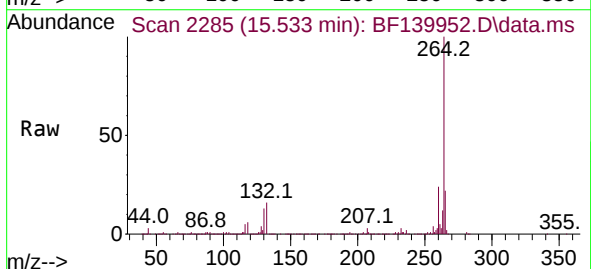
10/24/2024  
Supervised By :mohammad  
ahmed

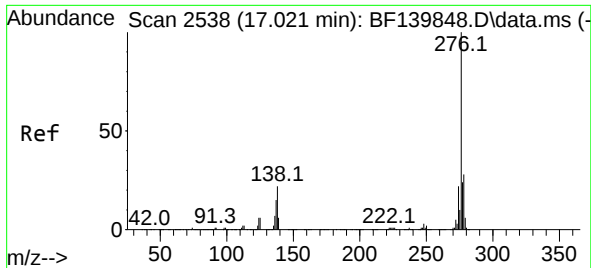
10/25/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2285  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:264 Resp: 329130  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.4 29.2  
265 21.7 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.321 ng  
RT: 17.033 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

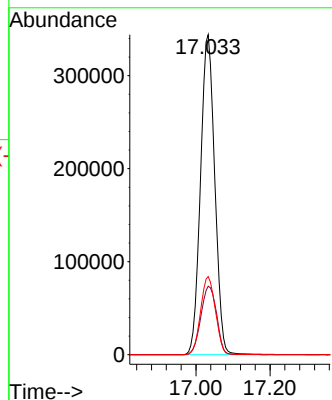
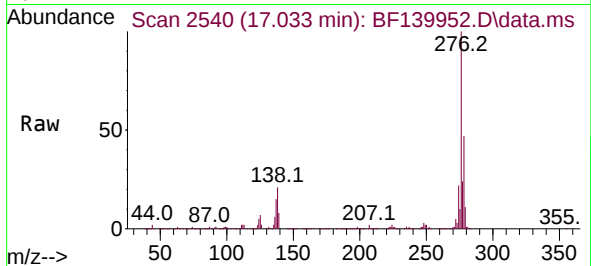
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 91726  
Ion Ratio Lower Upper  
276 100  
138 23.5 20.4 30.6  
277 25.3 20.2 30.4

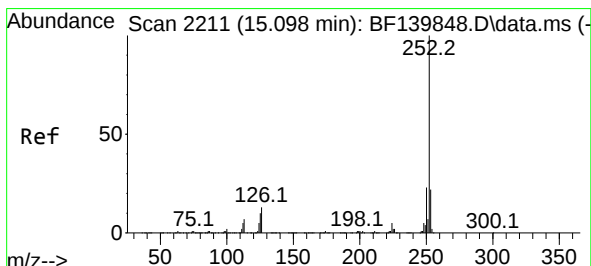
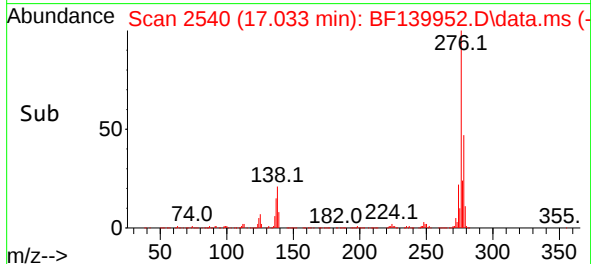
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024



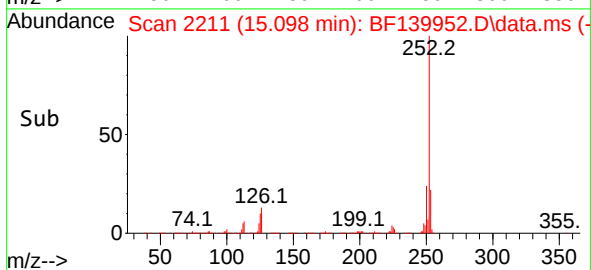
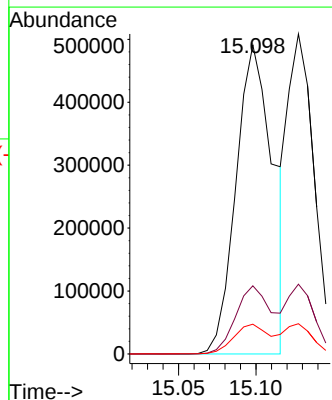
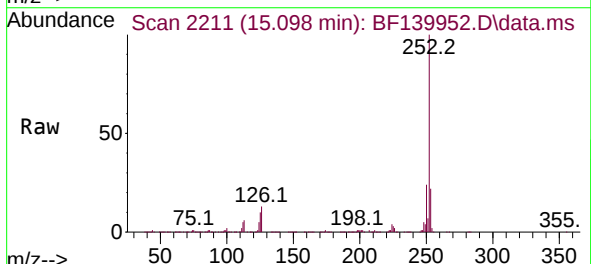
10/24/2024  
Supervised By :mohammad  
ahmed

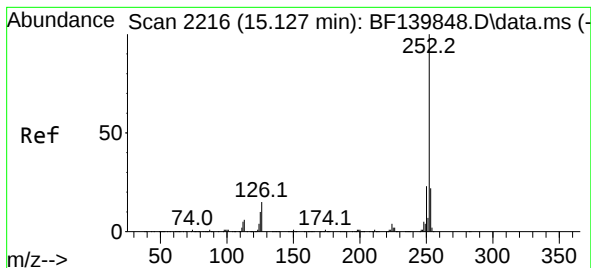
10/25/2024



#88  
Benzo(b)fluoranthene  
Concen: 40.699 ng  
RT: 15.098 min Scan# 2211  
Delta R.T. 0.000 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:252 Resp: 815990  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 34.716 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 600268

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

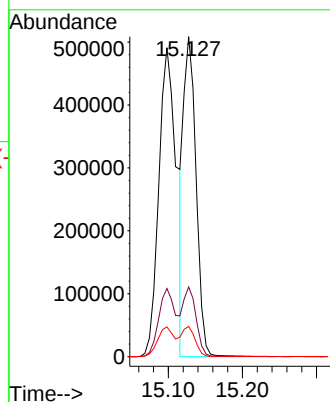
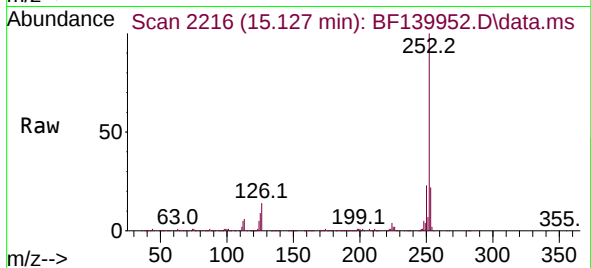
125 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

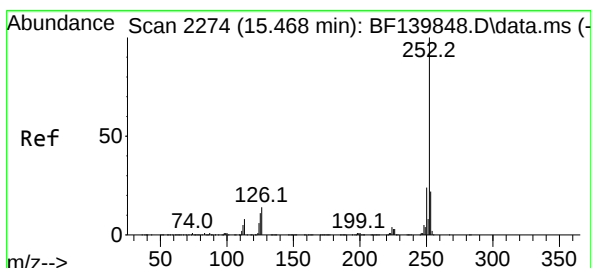
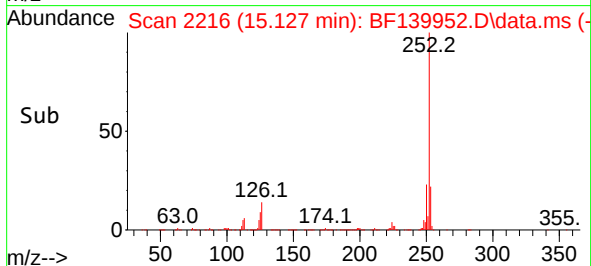
Supervised By :mohammad ahmed 10/25/2024



10/24/2024

Supervised By :mohammad  
ahmed

10/25/2024



#90

Benzo(a)pyrene

Concen: 39.411 ng

RT: 15.469 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139952.D

Acq: 23 Oct 2024 09:20

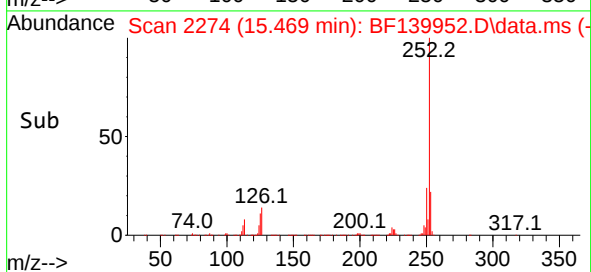
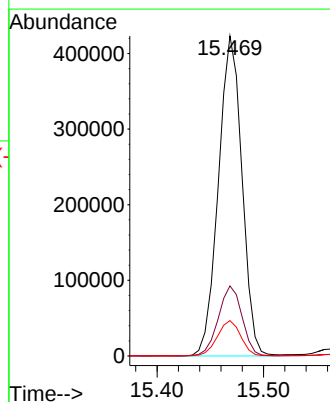
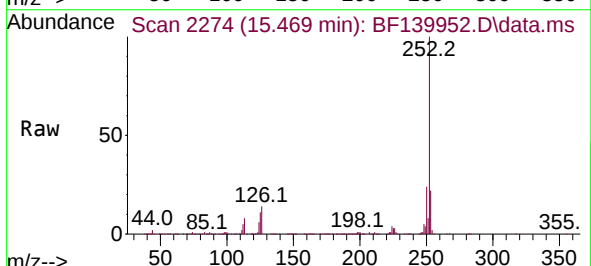
Tgt Ion:252 Resp: 650166

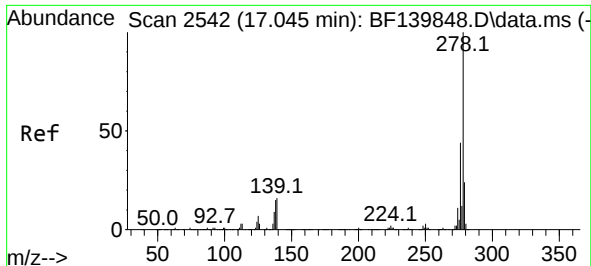
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.1 8.7 13.1





#91  
Dibenzo(a,h)anthracene  
Concen: 43.038 ng  
RT: 17.051 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Instrument :

BNA\_F

ClientSampleId :

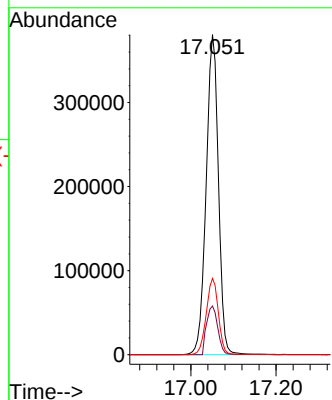
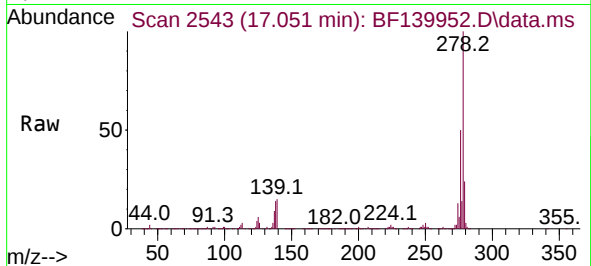
SSTDCCC040

Tgt Ion:278 Resp: 760210  
Ion Ratio Lower Upper  
278 100  
139 15.2 13.1 19.7  
279 23.9 19.0 28.4

Manual Integrations

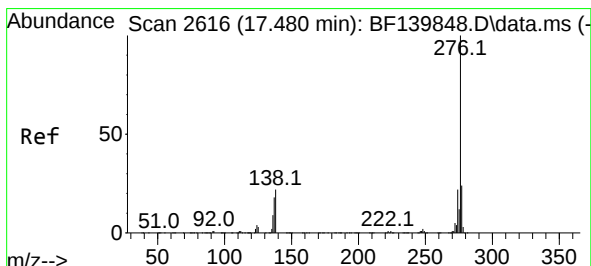
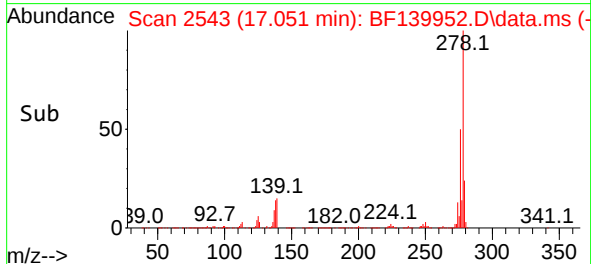
APPROVED

Reviewed By :Yogesh Patel 10/24/2024  
Supervised By :mohammad ahmed 10/25/2024



10/24/2024  
Supervised By :mohammad  
ahmed

10/25/2024



#92  
Benzo(g,h,i)perylene  
Concen: 44.179 ng  
RT: 17.486 min Scan# 2617  
Delta R.T. 0.006 min  
Lab File: BF139952.D  
Acq: 23 Oct 2024 09:20

Tgt Ion:276 Resp: 779486  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.6  
138 21.0 17.4 26.0

