

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111622\  
 Data File : BF131254.D  
 Acq On : 16 Nov 2022 09:18  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 16 22:10:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 06:35:36 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/17/2022  
 Supervised By :mohammad ahmed 11/17/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.975  | 152  | 94249    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.269  | 136  | 331618   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.033 | 164  | 189023   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.527 | 188  | 350670   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.186 | 240  | 243645   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.727 | 264  | 189120   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.575  | 112  | 441128   | 82.879 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.592  | 99   | 553795   | 82.149 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.545  | 82   | 540873   | 91.548 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.827 | 330  | 142127   | 78.716 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.351  | 172  | 1013040  | 78.429 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.127 | 244  | 1145668  | 80.750 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.793  | 88   | 101915   | 41.794 | ng    | 99       |
| 3) Pyridine                   | 3.557  | 79   | 291030   | 42.224 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.528  | 42   | 176244   | 43.870 | ng    | 97       |
| 6) Aniline                    | 6.639  | 93   | 341397m  | 40.374 | ng    |          |
| 8) 2-Chlorophenol             | 6.757  | 128  | 243123   | 40.635 | ng    | 100      |
| 9) Benzaldehyde               | 6.528  | 77   | 183650   | 37.556 | ng    | 97       |
| 10) Phenol                    | 6.604  | 94   | 308060   | 40.849 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.710  | 93   | 238175   | 40.335 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.916  | 146  | 274218   | 40.512 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.992  | 146  | 275257   | 40.210 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.151  | 146  | 255749   | 40.421 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.116  | 79   | 232400m  | 39.688 | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 7.251  | 45   | 445174   | 40.026 | ng    | 99       |
| 17) 2-Methylphenol            | 7.216  | 107  | 208045   | 40.730 | ng    | 97       |
| 18) Hexachloroethane          | 7.492  | 117  | 104328   | 41.922 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.392  | 70   | 185793   | 39.551 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.375  | 107  | 271570   | 41.103 | ng    | 97       |
| 22) Acetophenone              | 7.386  | 105  | 346749   | 40.113 | ng    | 99       |
| 24) Nitrobenzene              | 7.563  | 77   | 280664   | 44.005 | ng    | 99       |
| 25) Isophorone                | 7.804  | 82   | 473596   | 40.125 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.880  | 139  | 102959   | 40.993 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.910  | 122  | 207371   | 42.924 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 8.010  | 93   | 256543   | 38.552 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.116  | 162  | 213391   | 40.844 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.204  | 180  | 243151   | 39.695 | ng    | 98       |
| 31) Naphthalene               | 8.292  | 128  | 711105   | 39.580 | ng    | 98       |
| 32) Benzoic acid              | 8.022  | 122  | 136072m  | 40.148 | ng    |          |
| 33) 4-Chloroaniline           | 8.333  | 127  | 281183   | 39.757 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.404  | 225  | 158634   | 40.918 | ng    | 99       |
| 35) Caprolactam               | 8.710  | 113  | 65123    | 42.179 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.810  | 107  | 227653   | 41.396 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.986  | 142  | 479420   | 40.066 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.086  | 142  | 460705   | 39.706 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.145  | 216  | 239606   | 39.370 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.133  | 237  | 120502   | 38.631 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.257  | 196  | 147416   | 37.049 | ng    | 98       |

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 Sample : SSTDCCC040  
 Misc :  
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Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

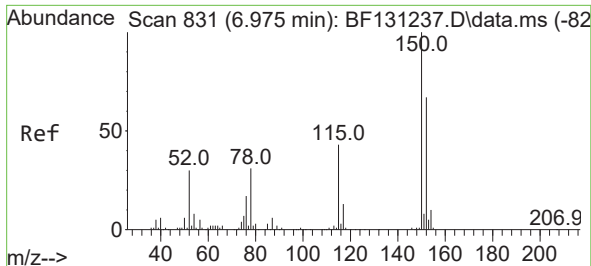
Reviewed By : Christian Giraldo 11/17/2022  
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 16 22:10:09 2022  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.292  | 196  | 180159   | 42.193 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.451  | 154  | 572460   | 39.396 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.480  | 162  | 463588   | 39.383 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.569  | 65   | 164413   | 43.905 | ng    | 94       |
| 49) Acenaphthylene            | 9.898  | 152  | 708043   | 39.390 | ng    | 99       |
| 50) Dimethylphthalate         | 9.751  | 163  | 535094   | 39.533 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 107980   | 41.123 | ng    | 94       |
| 52) Acenaphthene              | 10.069 | 154  | 445014   | 39.662 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.986  | 138  | 113874   | 40.611 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 10.086 | 184  | 37318    | 39.976 | ng    | 94       |
| 55) Dibenzofuran              | 10.239 | 168  | 633830   | 39.428 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.127 | 139  | 83050    | 38.997 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.216 | 165  | 135351   | 41.675 | ng    | 98       |
| 58) Fluorene                  | 10.586 | 166  | 496585   | 39.256 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.351 | 232  | 144824   | 40.037 | ng    | 96       |
| 60) Diethylphthalate          | 10.457 | 149  | 511880   | 40.008 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.580 | 204  | 247883   | 39.630 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.604 | 138  | 115926   | 41.760 | ng    | 98       |
| 63) Azobenzene                | 10.739 | 77   | 537374   | 40.115 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.627 | 198  | 57754    | 38.513 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.698 | 169  | 428530   | 38.464 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.074 | 248  | 160698   | 39.030 | ng    | # 89     |
| 68) Hexachlorobenzene         | 11.133 | 284  | 173241   | 38.825 | ng    | 97       |
| 69) Atrazine                  | 11.221 | 200  | 144447   | 39.554 | ng    | 98       |
| 70) Pentachlorophenol         | 11.321 | 266  | 104965m  | 40.303 | ng    |          |
| 71) Phenanthrene              | 11.557 | 178  | 755587   | 39.043 | ng    | 99       |
| 72) Anthracene                | 11.610 | 178  | 739425   | 39.112 | ng    | 99       |
| 73) Carbazole                 | 11.763 | 167  | 653946   | 38.643 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.092 | 149  | 771345   | 39.165 | ng    | 100      |
| 75) Fluoranthene              | 12.751 | 202  | 834861   | 39.115 | ng    | 100      |
| 77) Benzidine                 | 12.874 | 184  | 250974   | 48.068 | ng    | 99       |
| 78) Pyrene                    | 12.986 | 202  | 859056   | 40.902 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.604 | 149  | 313718   | 44.075 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.180 | 228  | 682738   | 40.320 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.139 | 252  | 199599   | 40.285 | ng    | 98       |
| 83) Chrysene                  | 14.215 | 228  | 659418   | 39.975 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.162 | 149  | 390488   | 43.621 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.792 | 149  | 554651   | 43.845 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.321 | 276  | 515126   | 41.230 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.268 | 252  | 521319   | 39.481 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.304 | 252  | 515555   | 39.386 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.662 | 252  | 424161   | 40.186 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.345 | 278  | 423623   | 41.327 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.803 | 276  | 413439   | 36.925 | ng    | 98       |

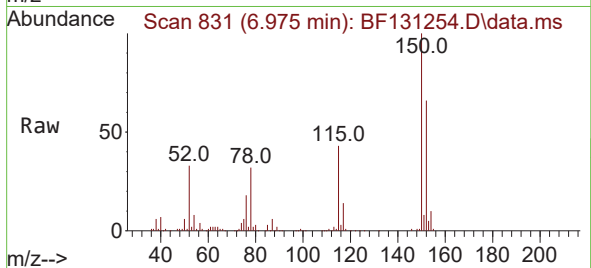
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.975 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

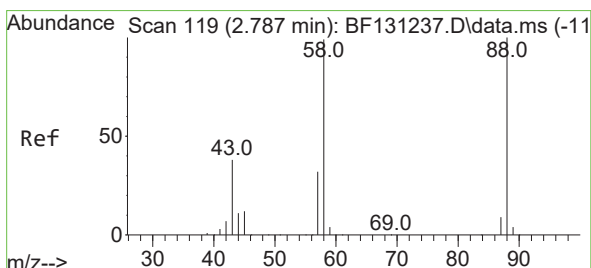
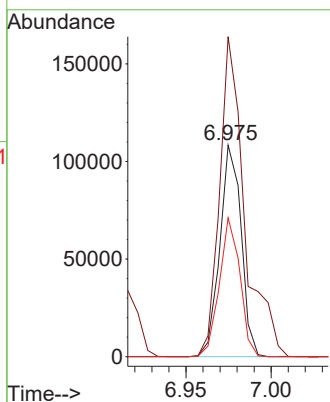
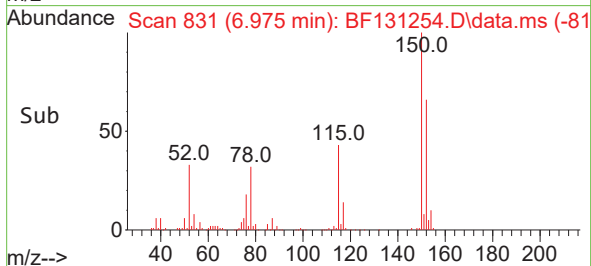
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 94249  
Ion Ratio Lower Upper  
152 100  
150 151.3 120.2 180.4  
115 65.6 51.8 77.8

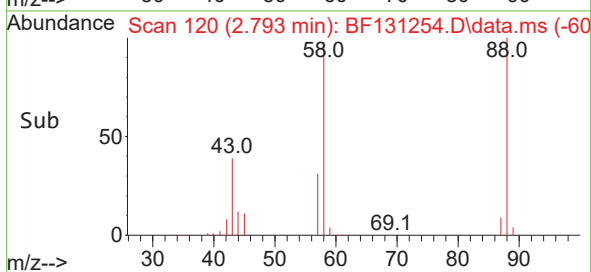
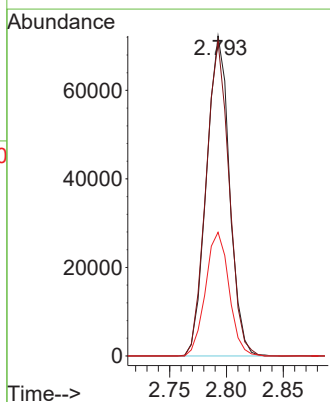
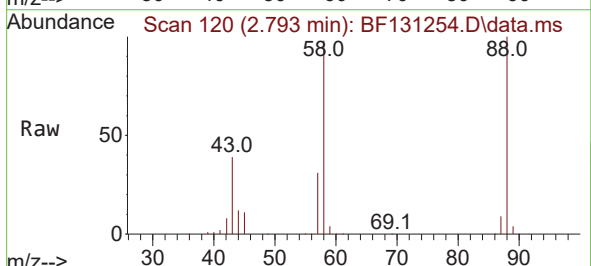
Manual Integrations  
APPROVED

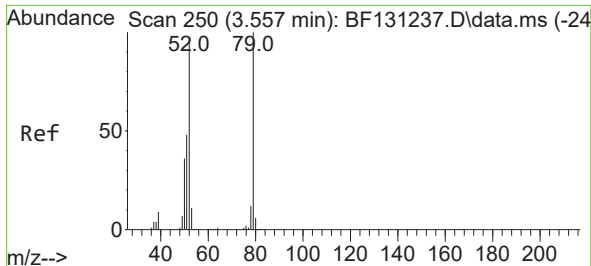
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#2  
1,4-Dioxane  
Concen: 41.794 ng  
RT: 2.793 min Scan# 120  
Delta R.T. 0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion: 88 Resp: 101915  
Ion Ratio Lower Upper  
88 100  
58 98.1 77.1 115.7  
43 39.5 31.3 46.9





#3

Pyridine

Concen: 42.224 ng

RT: 3.557 min Scan# 250

Delta R.T. -0.000 min

Lab File: BF131254.D

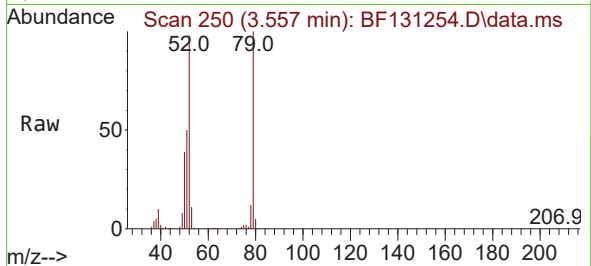
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

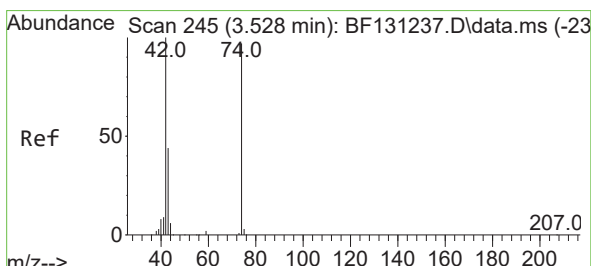
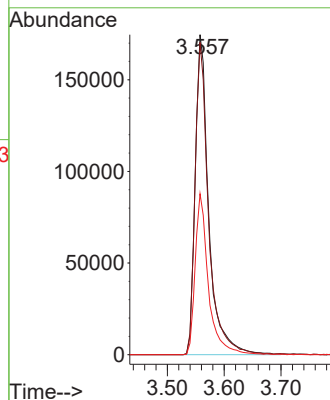
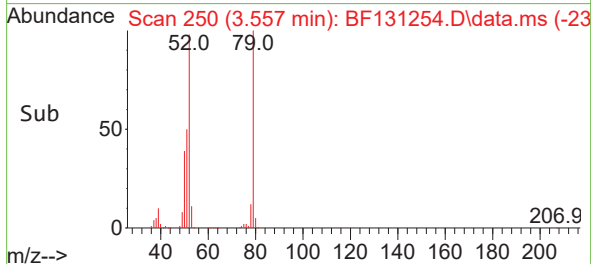


|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 291030 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 97.6  | 77.7  | 116.5  |
| 51        | 50.3  | 38.7  | 58.1   |

Manual Integrations

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Supervised By :mohammad ahmed 11/17/2022



#4

n-Nitrosodimethylamine

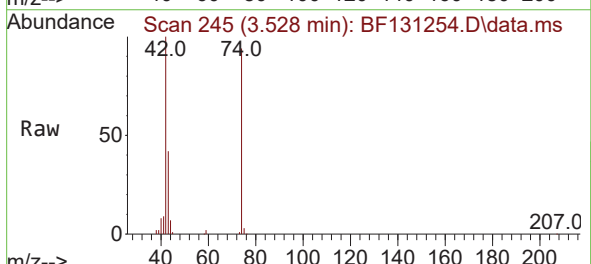
Concen: 43.870 ng

RT: 3.528 min Scan# 245

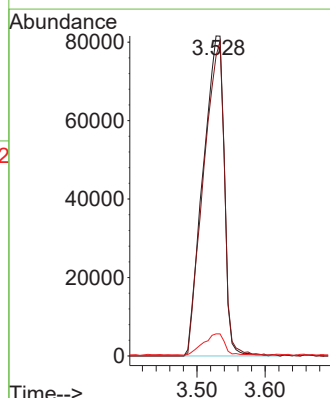
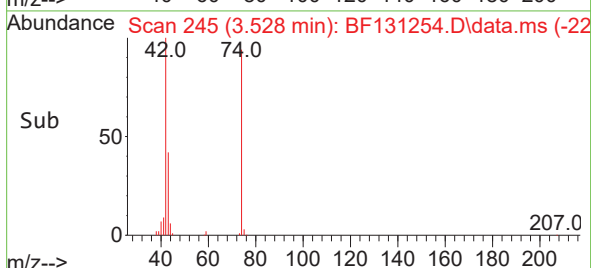
Delta R.T. -0.000 min

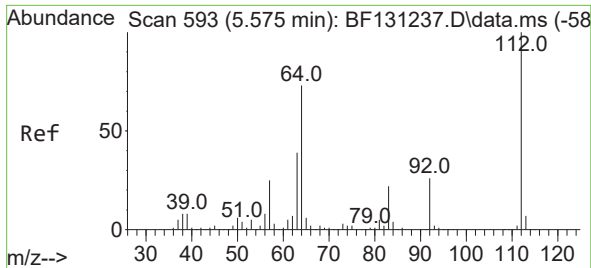
Lab File: BF131254.D

Acq: 16 Nov 2022 09:18



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 176244 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 93.7  | 77.8  | 116.6  |
| 44        | 6.9   | 5.9   | 8.9    |





#5  
2-Fluorophenol  
Concen: 82.879 ng  
RT: 5.575 min Scan# 593  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

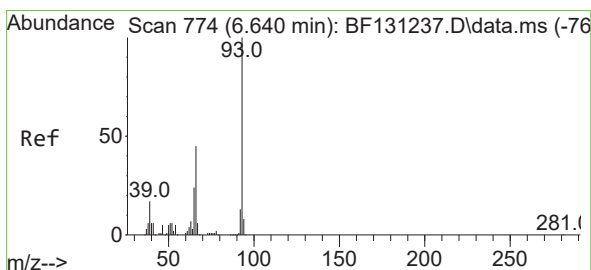
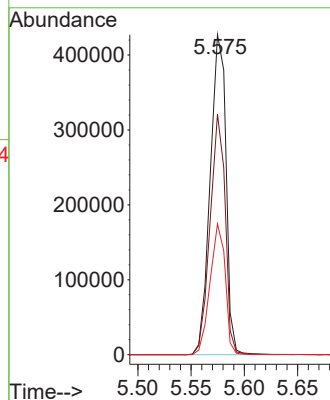
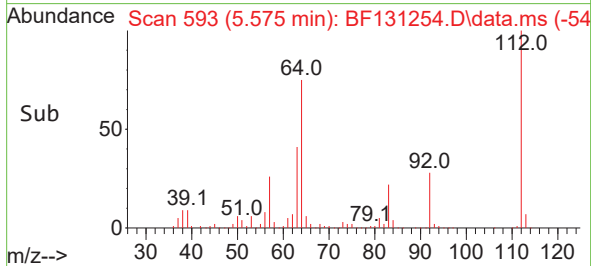
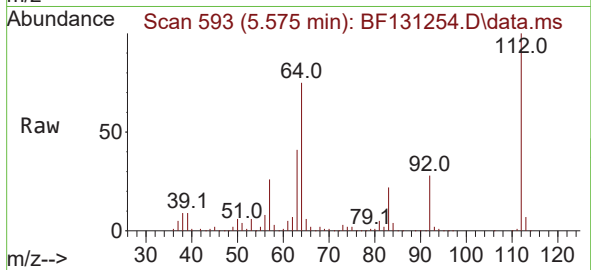
SSTDCCC040

Tgt Ion:112 Resp: 441128  
Ion Ratio Lower Upper  
112 100  
64 75.2 58.4 87.6  
63 40.9 31.6 47.4

Manual Integrations

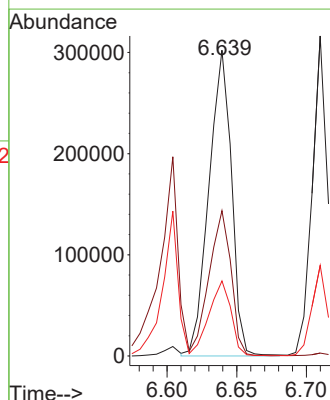
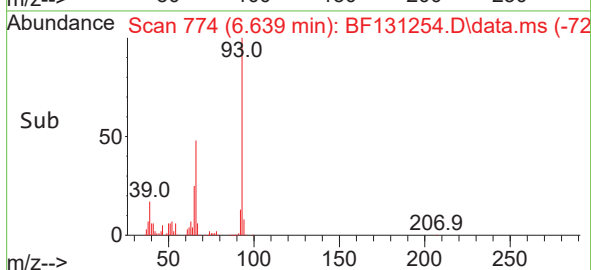
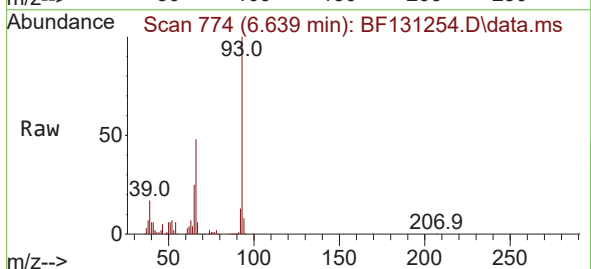
APPROVED

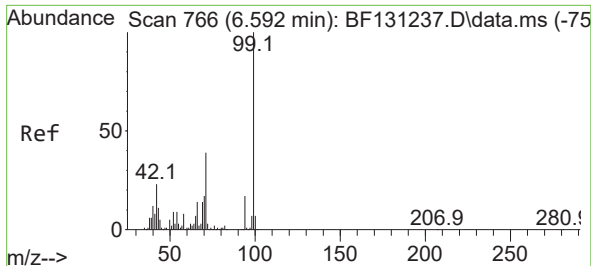
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#6  
Aniline  
Concen: 40.374 ng m  
RT: 6.639 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

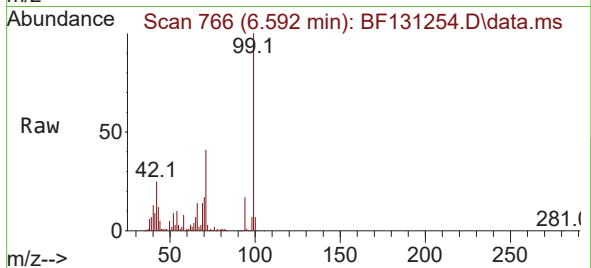
Tgt Ion: 93 Resp: 341397  
Ion Ratio Lower Upper  
93 100  
66 47.5 36.6 55.0  
65 24.6 19.3 28.9





#7  
Phenol-d6  
Concen: 82.149 ng  
RT: 6.592 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

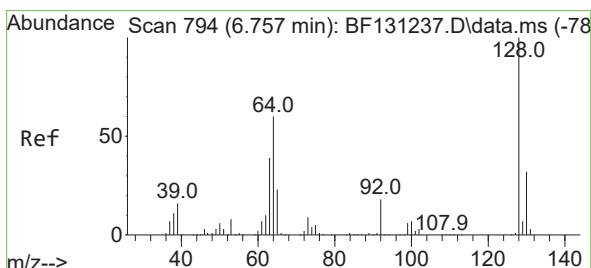
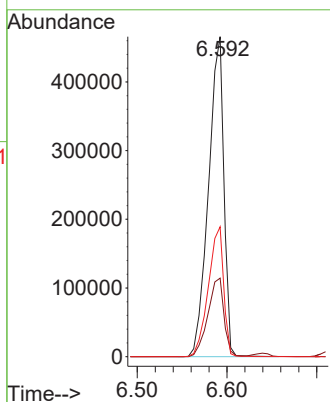
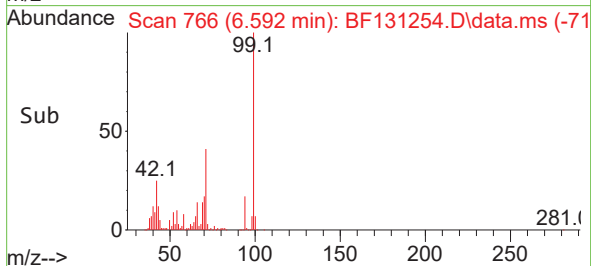
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 55379  
Ion Ratio Lower Upper  
99 100  
42 24.5 18.6 28.0  
71 40.6 31.1 46.7

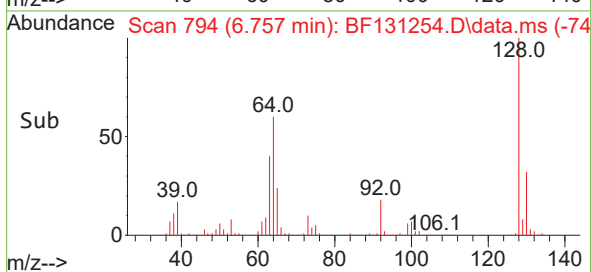
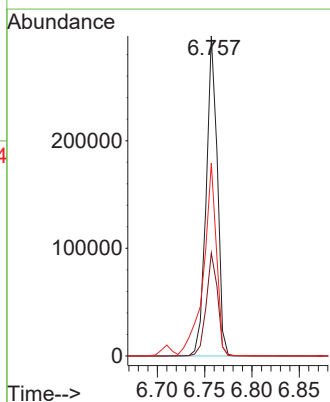
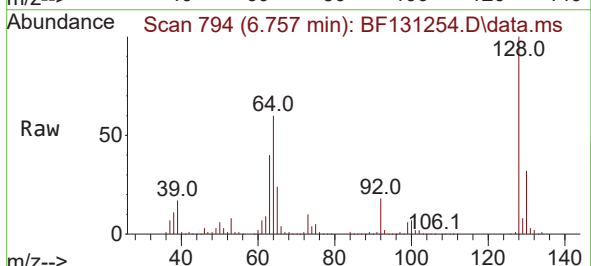
Manual Integrations  
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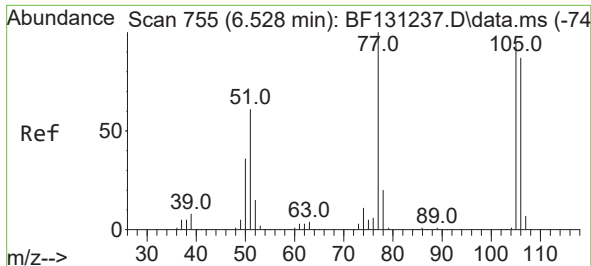
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#8  
2-Chlorophenol  
Concen: 40.635 ng  
RT: 6.757 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

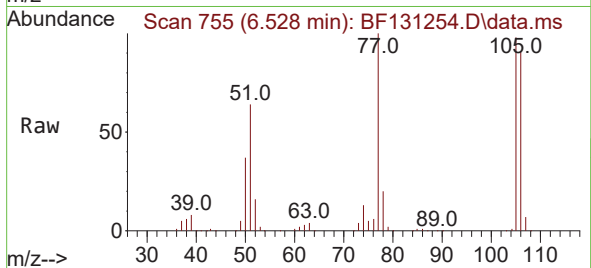
Tgt Ion:128 Resp: 243123  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.2 52.2  
64 60.2 40.1 80.1





#9  
Benzaldehyde  
Concen: 37.556 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

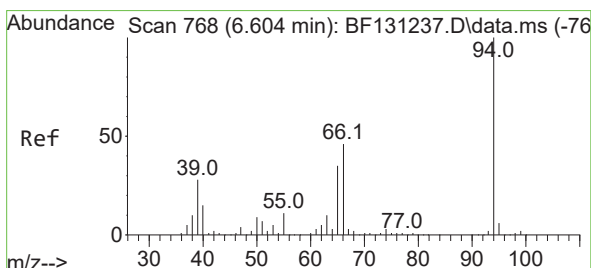
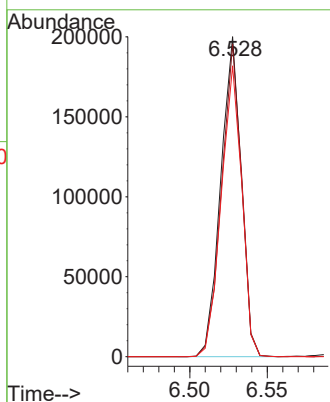
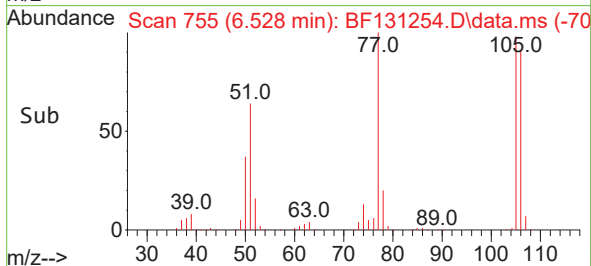
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 183650  
Ion Ratio Lower Upper  
77 100  
105 97.7 74.8 114.8  
106 90.9 67.3 107.3

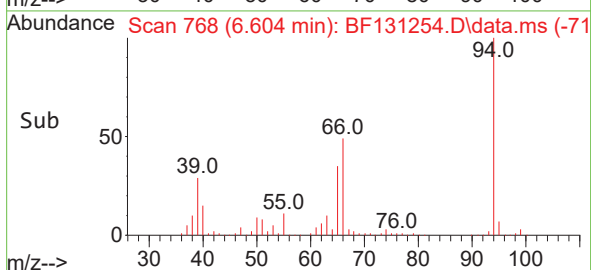
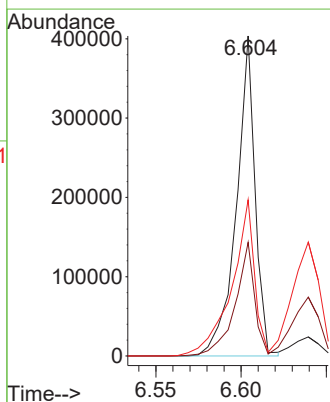
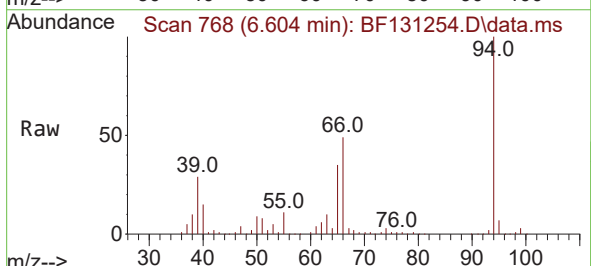
Manual Integrations  
APPROVED

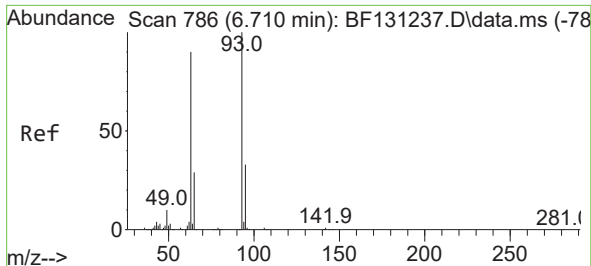
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#10  
Phenol  
Concen: 40.849 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion: 94 Resp: 308060  
Ion Ratio Lower Upper  
94 100  
65 35.5 14.8 54.8  
66 48.8 26.5 66.5





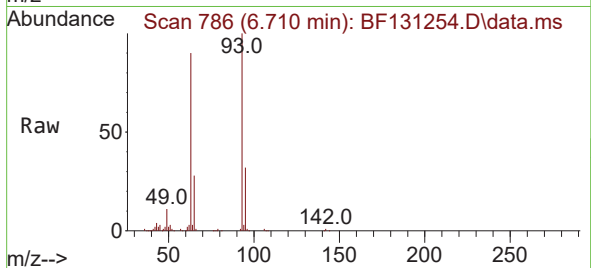
#11  
bis(2-Chloroethyl)ether  
Concen: 40.335 ng  
RT: 6.710 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

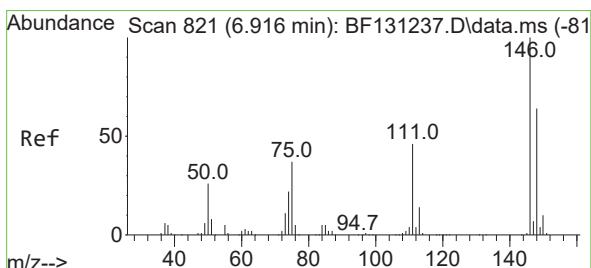
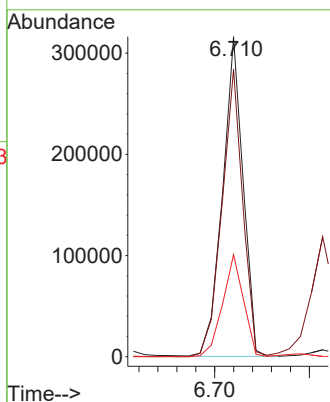
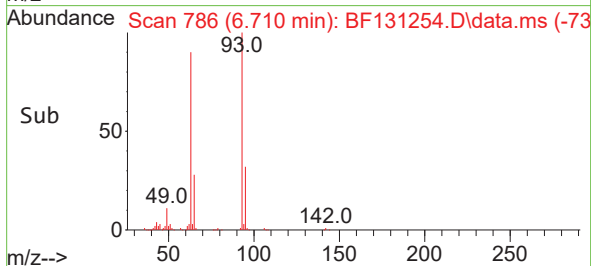
SSTDCCC040



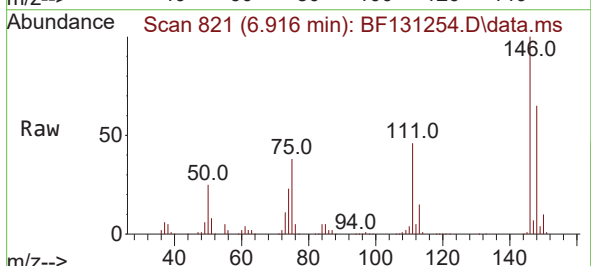
Tgt Ion: 93 Resp: 23817  
Ion Ratio Lower Upper  
93 100  
63 89.8 69.8 109.8  
95 31.9 13.4 53.4

Manual Integrations  
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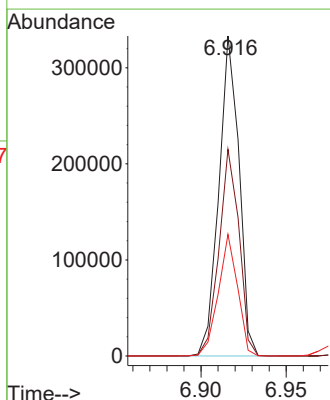
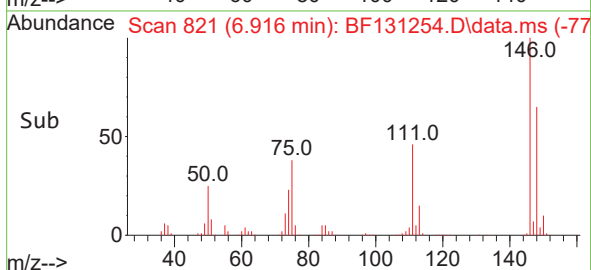
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

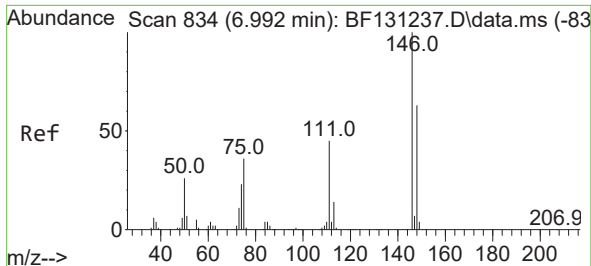


#12  
1,3-Dichlorobenzene  
Concen: 40.512 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:146 Resp: 274218  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.0 76.6  
75 38.0 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 40.210 ng

RT: 6.992 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 27525

Ion Ratio Lower Upper

146 100

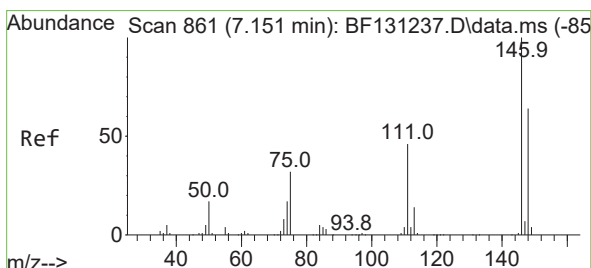
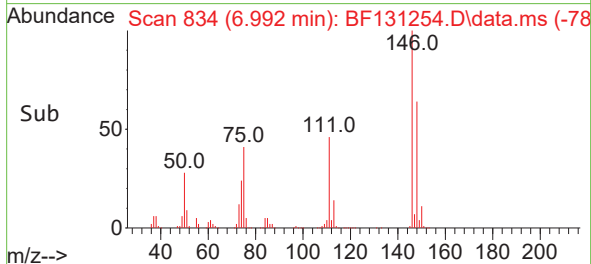
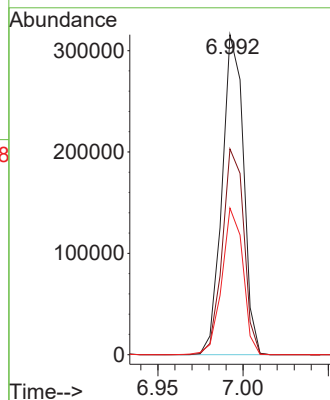
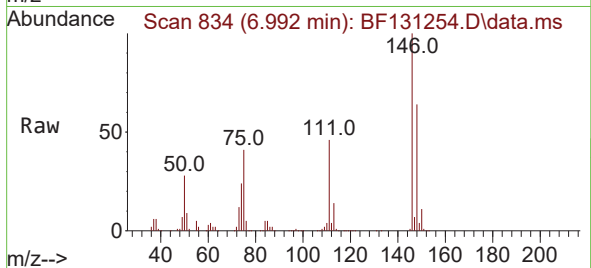
148 64.3 50.1 75.1

111 45.8 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#14

1,2-Dichlorobenzene

Concen: 40.421 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

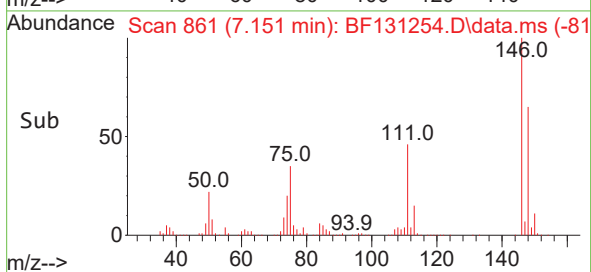
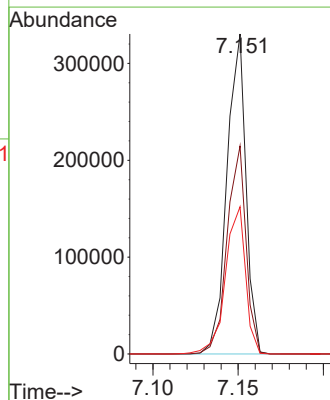
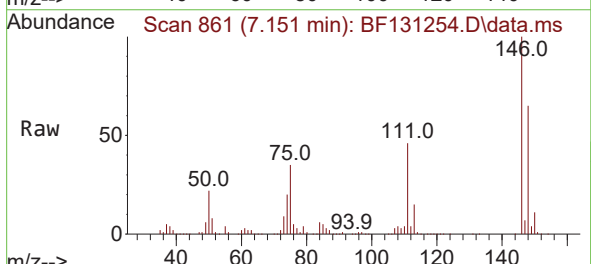
Tgt Ion:146 Resp: 255749

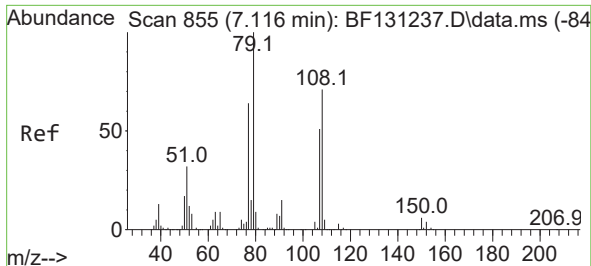
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

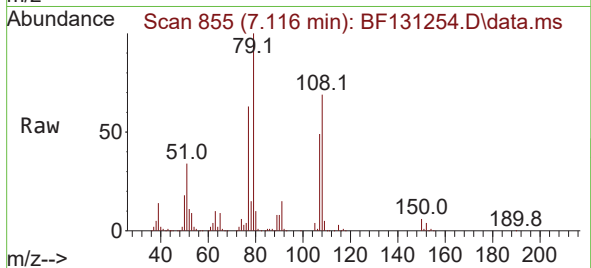
111 46.0 36.9 55.3





#15  
Benzyl Alcohol  
Concen: 39.688 ng m  
RT: 7.116 min Scan# 855  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

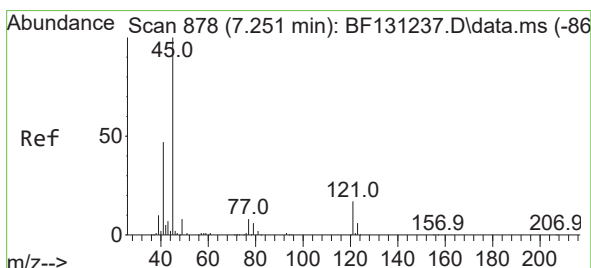
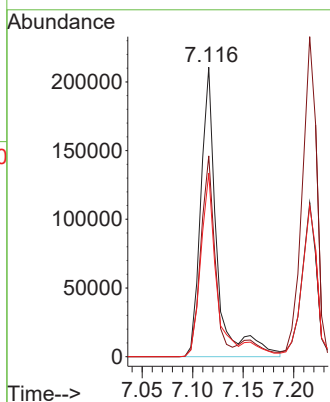
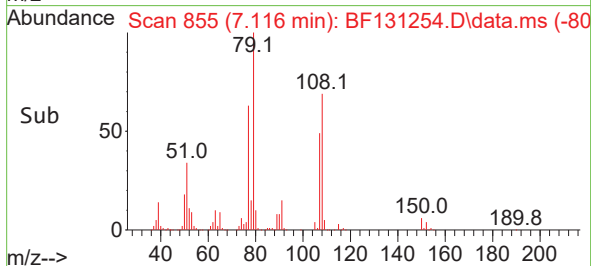
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 232400  
Ion Ratio Lower Upper  
79 100  
108 69.4 56.7 85.1  
77 63.5 51.4 77.2

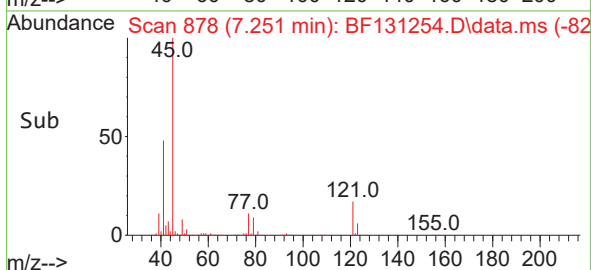
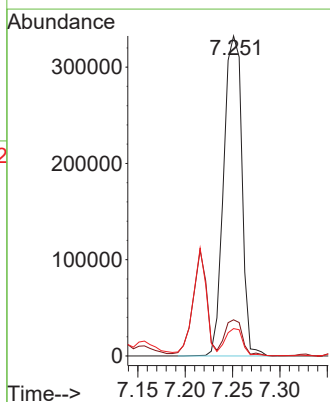
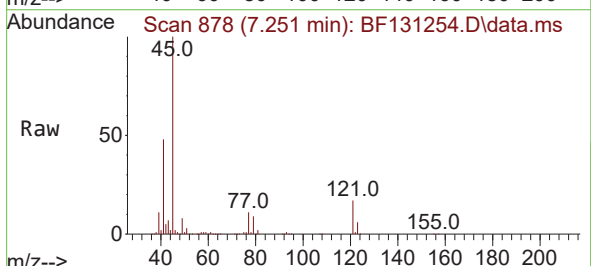
Manual Integrations  
APPROVED

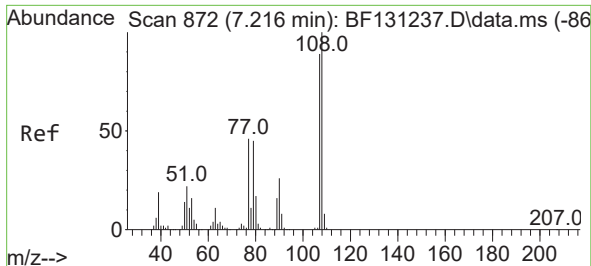
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.026 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

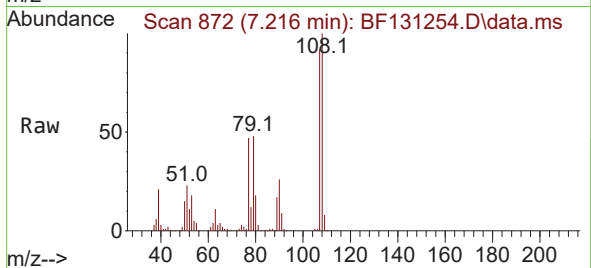
Tgt Ion: 45 Resp: 445174  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 31.0  
79 8.6 0.0 28.5





#17  
2-Methylphenol  
Concen: 40.730 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

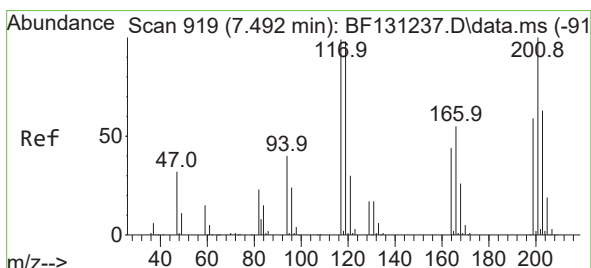
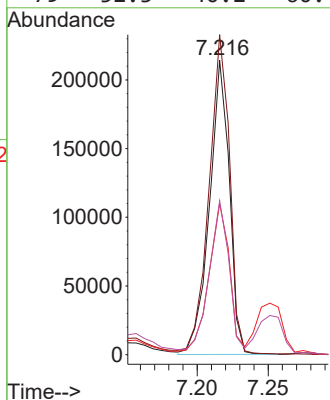
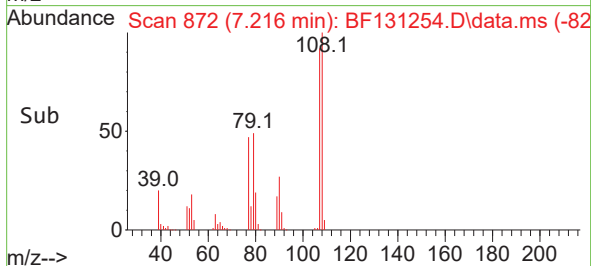
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



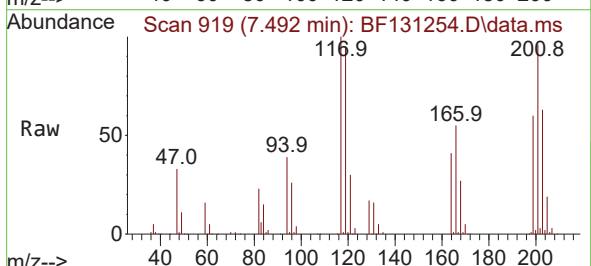
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 20804 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 108.7 | 89.8  | 134.6 |
| 77        | 51.3  | 41.4  | 62.0  |
| 79        | 52.3  | 40.2  | 60.4  |

Manual Integrations  
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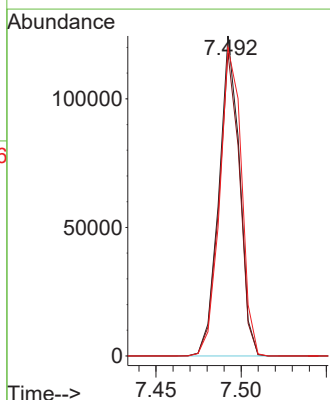
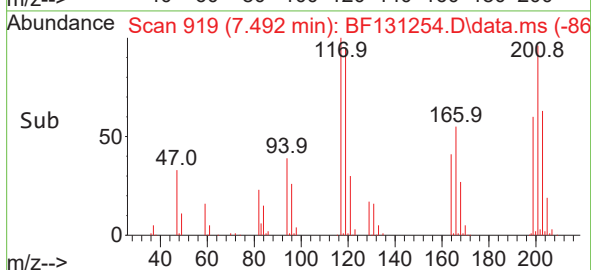
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

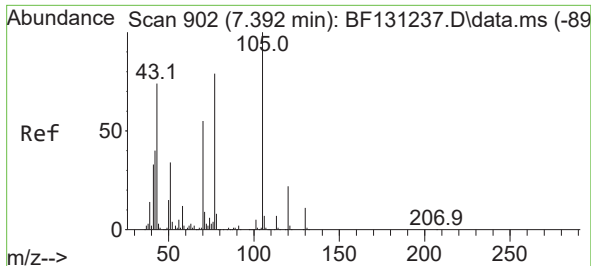


#18  
Hexachloroethane  
Concen: 41.922 ng  
RT: 7.492 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 104328 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.7  | 79.0  | 118.6  |
| 201       | 96.4  | 80.9  | 121.3  |





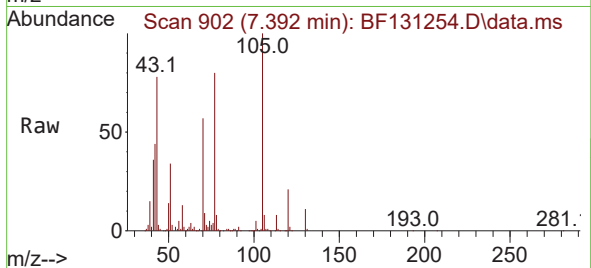
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.551 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

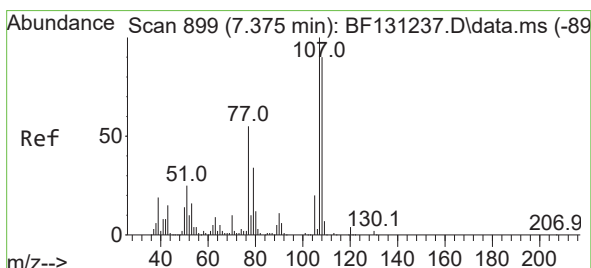
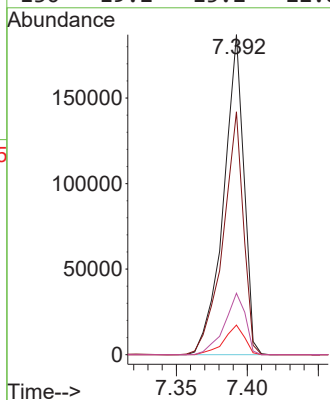
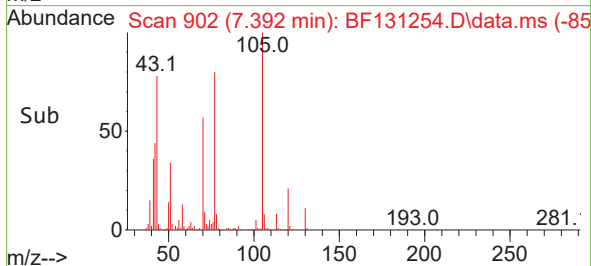


Tgt Ion: 70 Resp: 18579  
Ion Ratio Lower Upper  
70 100  
42 75.9 58.3 87.5  
101 9.2 7.2 10.8  
130 19.2 15.2 22.8

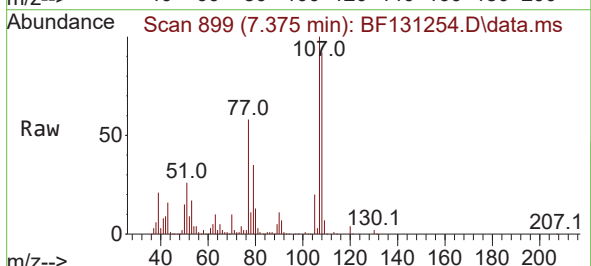
Manual Integrations

APPROVED

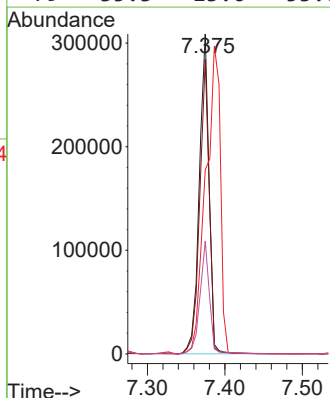
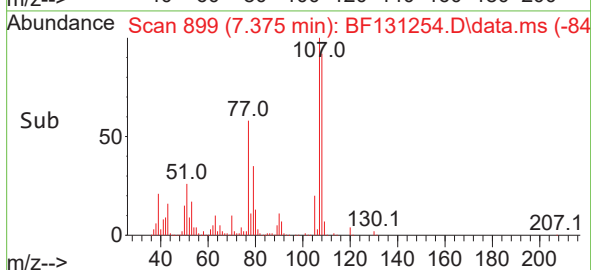
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

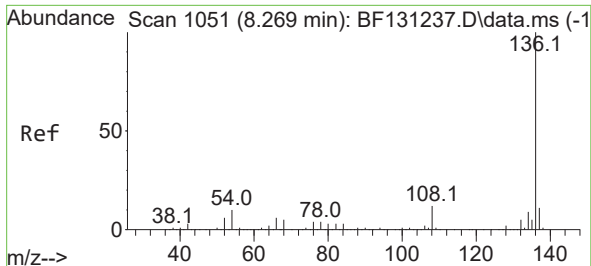


#20  
3+4-Methylphenols  
Concen: 41.103 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:107 Resp: 271570  
Ion Ratio Lower Upper  
107 100  
108 92.1 69.5 109.5  
77 57.5 35.3 75.3  
79 35.3 13.6 53.6





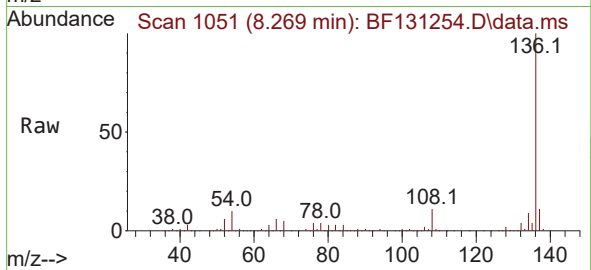
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

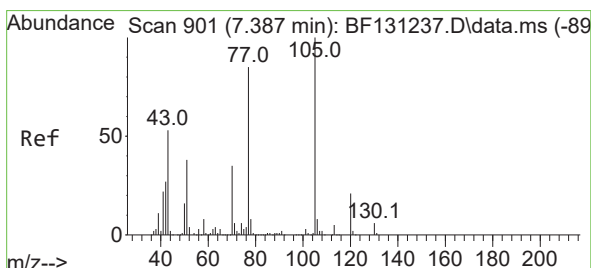
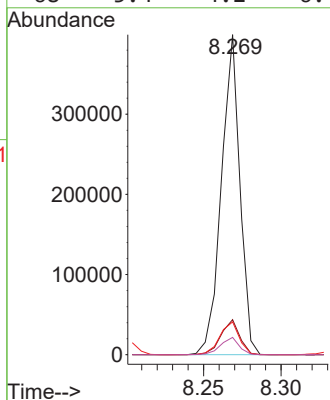
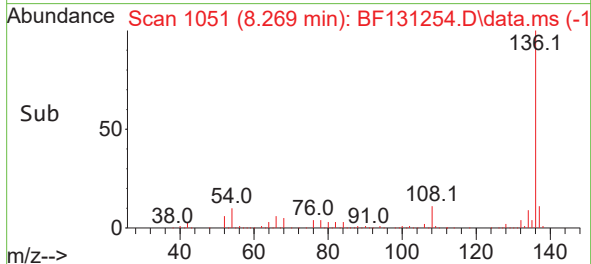


Tgt Ion:136 Resp: 331618  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.5 12.7  
54 10.2 7.8 11.8  
68 5.4 4.2 6.4

Manual Integrations

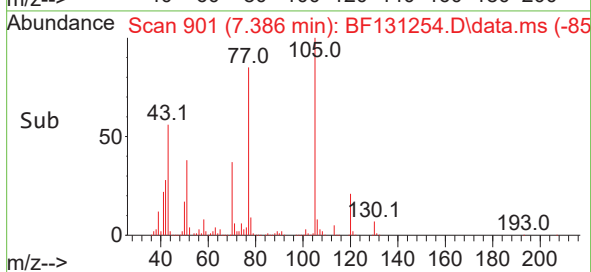
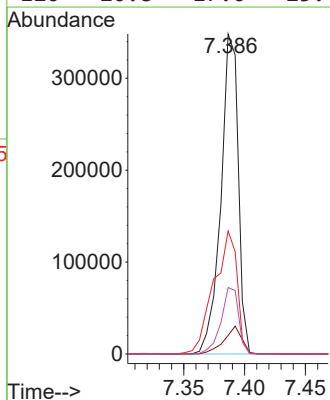
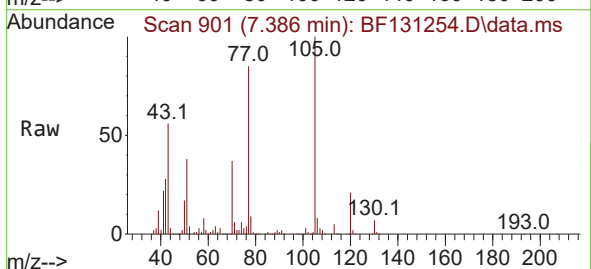
APPROVED

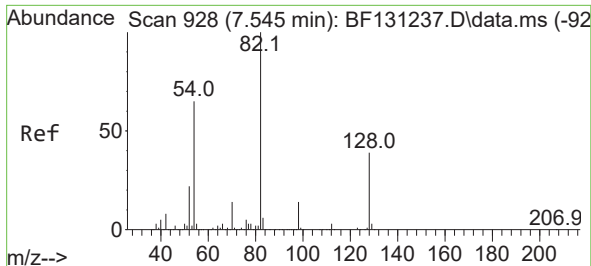
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#22  
Acetophenone  
Concen: 40.113 ng  
RT: 7.386 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion:105 Resp: 346749  
Ion Ratio Lower Upper  
105 100  
71 5.8 4.7 7.1  
51 38.5 30.2 45.2  
120 20.8 17.0 25.4





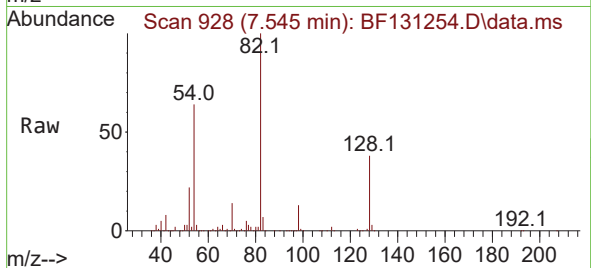
#23  
Nitrobenzene-d5  
Concen: 91.548 ng  
RT: 7.545 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

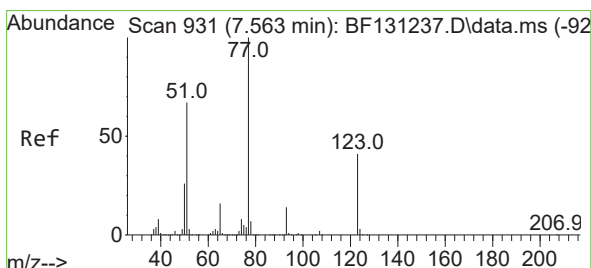
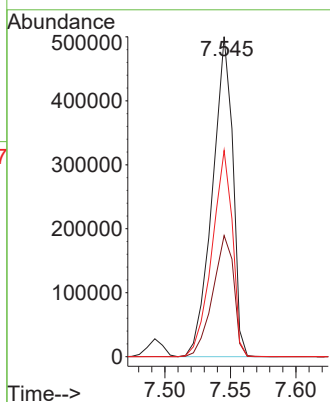
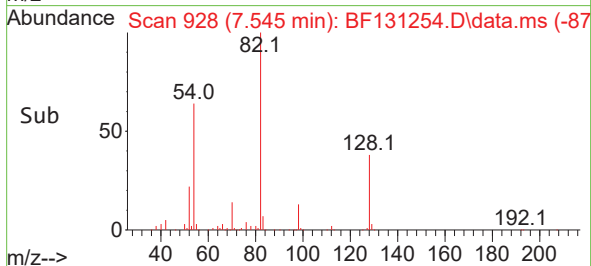
SSTDCCC040



Tgt Ion: 82 Resp: 54087  
Ion Ratio Lower Upper  
82 100  
128 37.8 31.1 46.7  
54 64.5 51.8 77.6

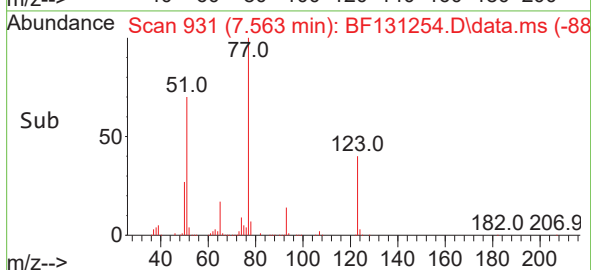
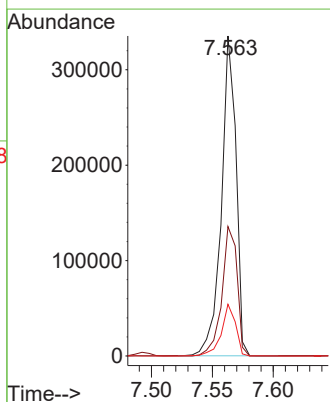
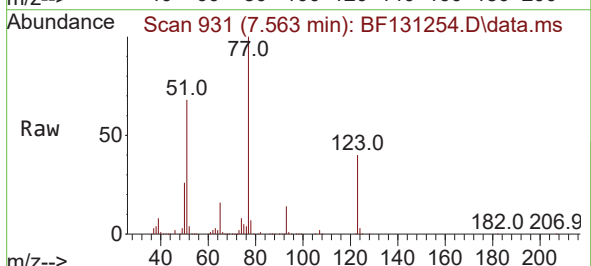
Manual Integrations  
APPROVED

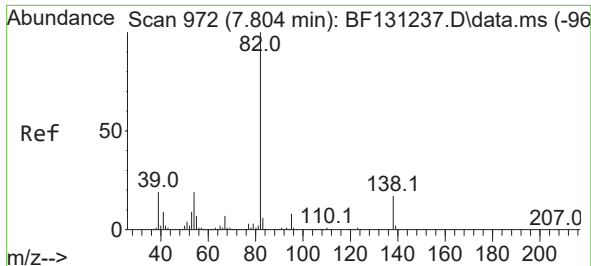
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#24  
Nitrobenzene  
Concen: 44.005 ng  
RT: 7.563 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

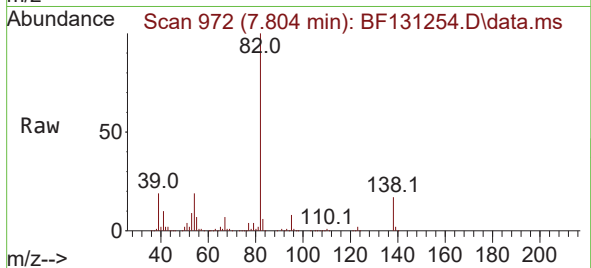
Tgt Ion: 77 Resp: 280664  
Ion Ratio Lower Upper  
77 100  
123 40.5 33.2 49.8  
65 16.1 13.0 19.4





#25  
Isophorone  
Concen: 40.125 ng  
RT: 7.804 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

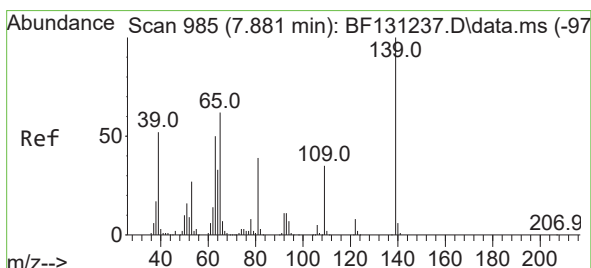
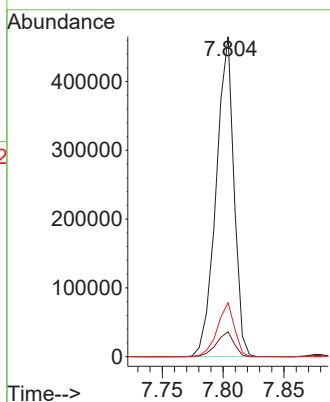
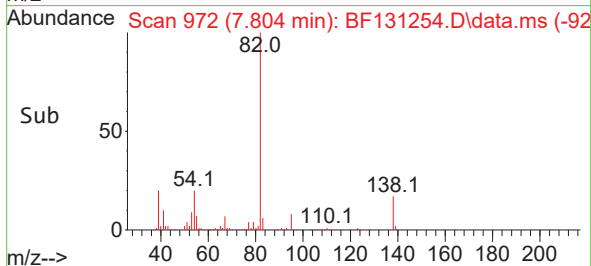
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 473590  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.2 9.2  
138 16.8 13.4 20.0

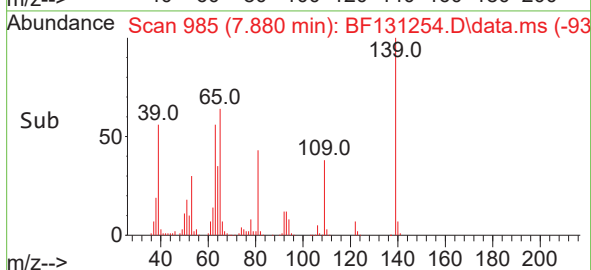
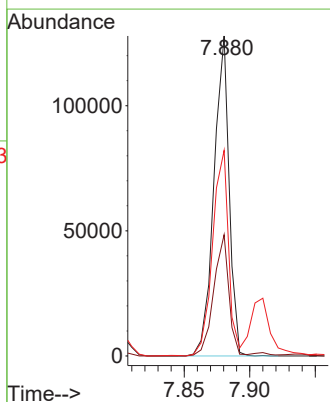
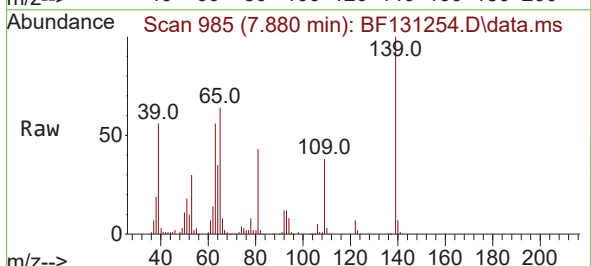
Manual Integrations  
APPROVED

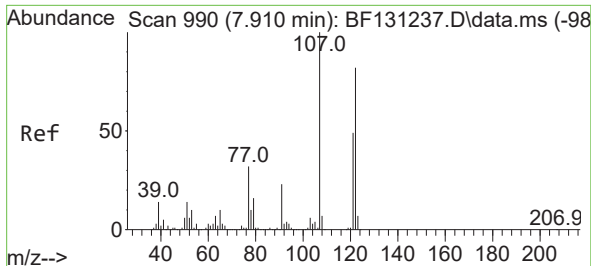
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#26  
2-Nitrophenol  
Concen: 40.993 ng  
RT: 7.880 min Scan# 985  
Delta R.T. -0.001 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion:139 Resp: 102959  
Ion Ratio Lower Upper  
139 100  
109 37.9 28.0 42.0  
65 64.2 49.3 73.9





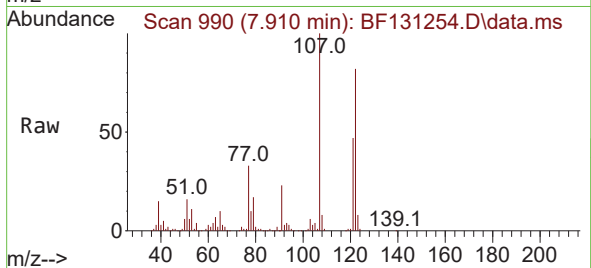
#27  
2,4-Dimethylphenol  
Concen: 42.924 ng  
RT: 7.910 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

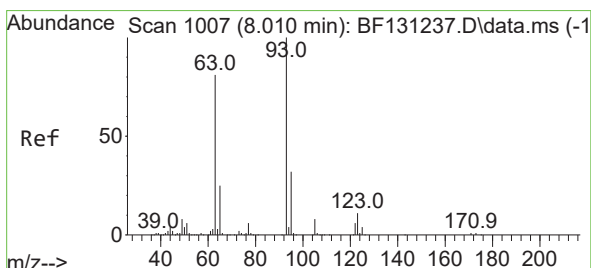
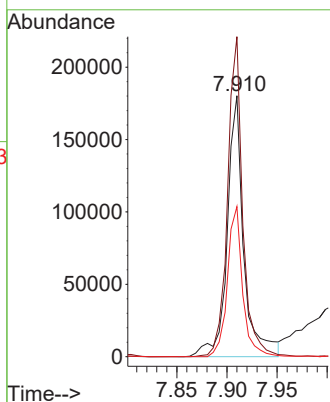
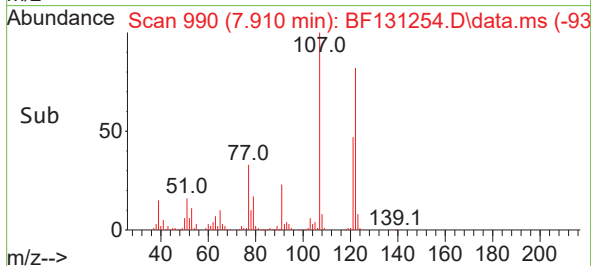


Tgt Ion:122 Resp: 20737  
Ion Ratio Lower Upper  
122 100  
107 122.6 97.1 145.7  
121 57.5 47.5 71.3

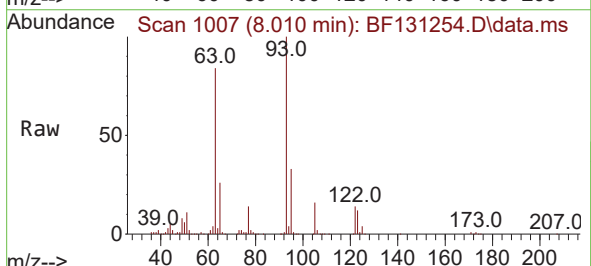
Manual Integrations

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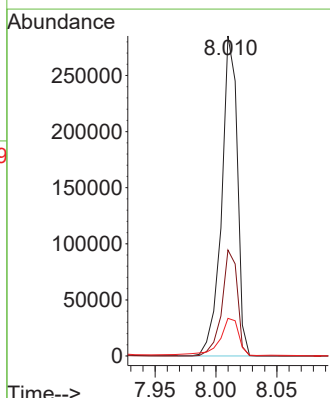
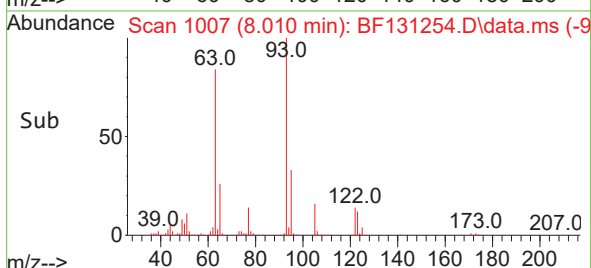
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

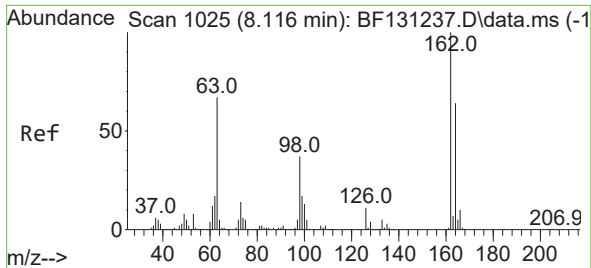


#28  
bis(2-Chloroethoxy)methane  
Concen: 38.552 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion: 93 Resp: 256543  
Ion Ratio Lower Upper  
93 100  
95 33.1 25.7 38.5  
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.844 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

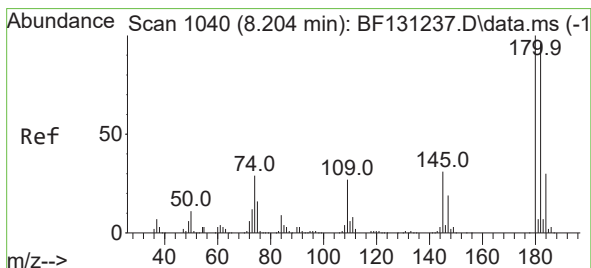
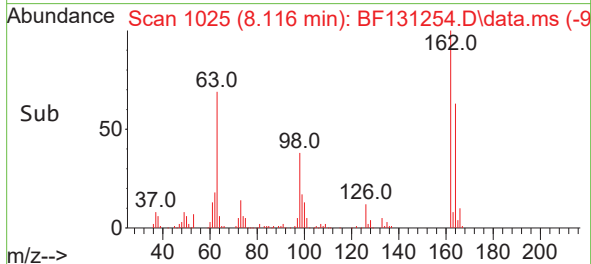
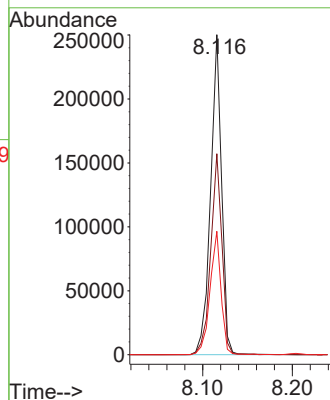
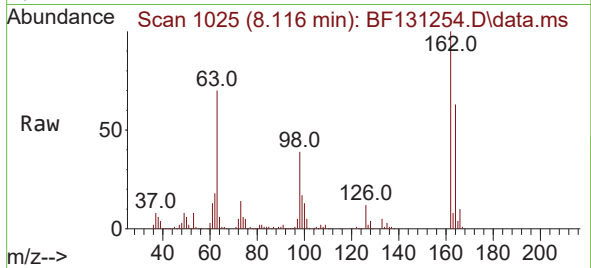
SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 21339 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 62.8  | 43.5  | 83.5  |
| 98        | 38.5  | 17.2  | 57.2  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.695 ng

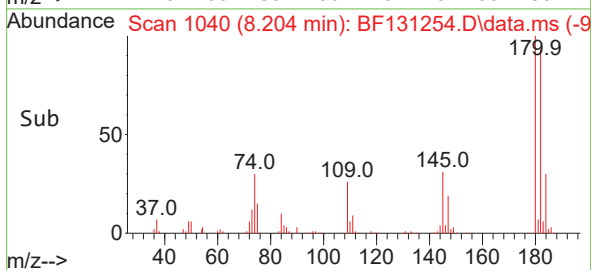
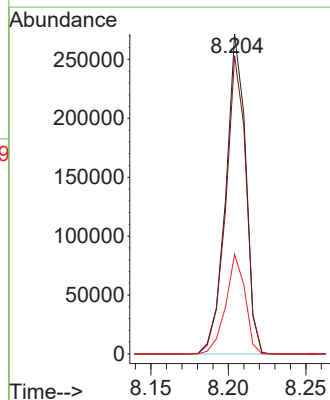
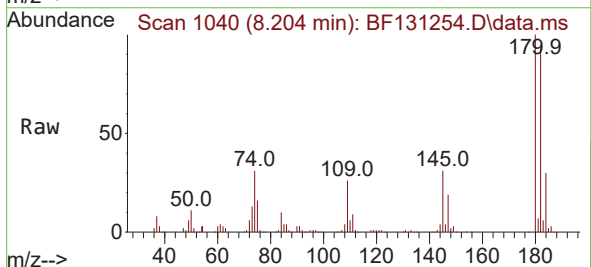
RT: 8.204 min Scan# 1040

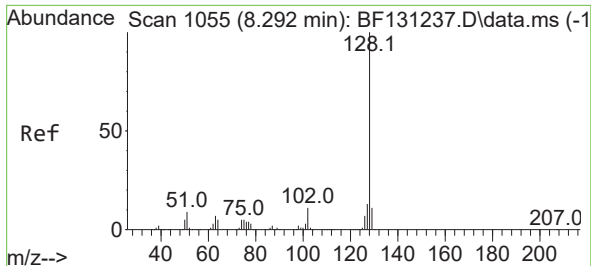
Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 243151 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.2  | 76.6  | 115.0  |
| 145       | 31.2  | 24.8  | 37.2   |





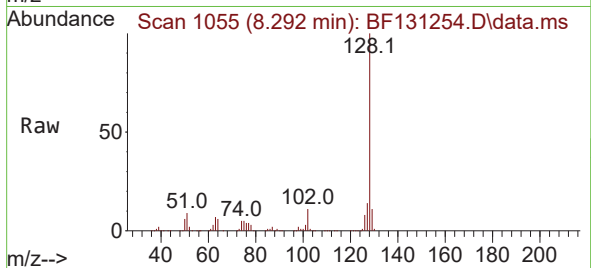
#31  
Naphthalene  
Concen: 39.580 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

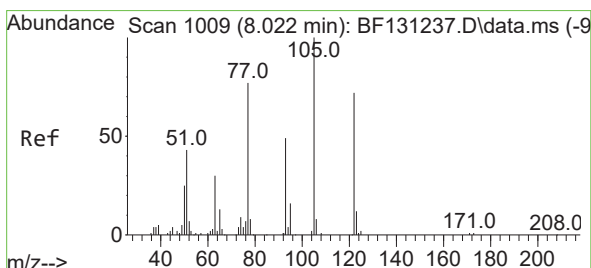
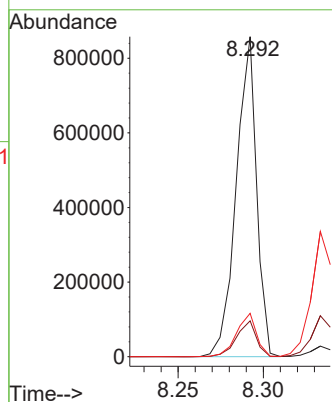
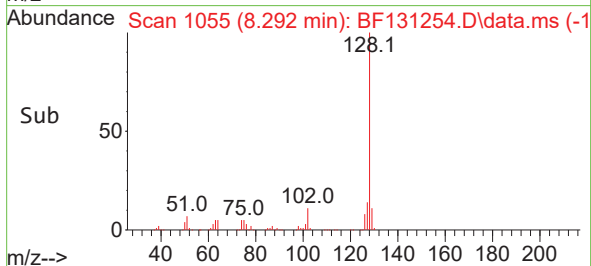


Tgt Ion:128 Resp: 711105  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.4 12.6  
127 13.5 10.3 15.5

Manual Integrations

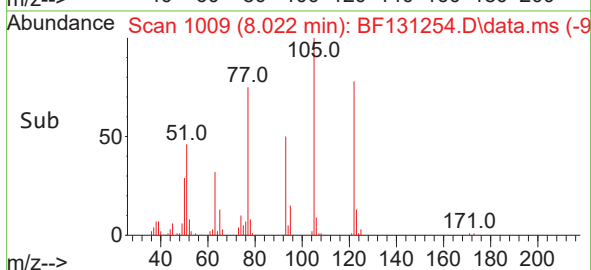
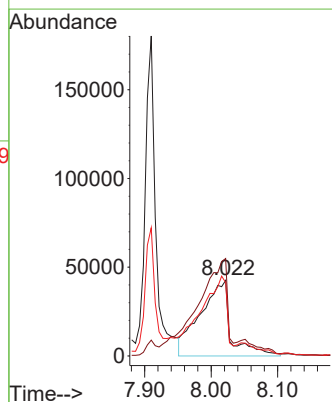
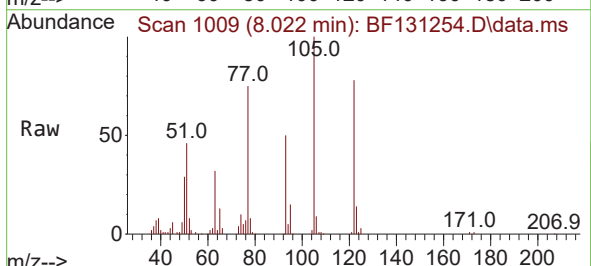
APPROVED

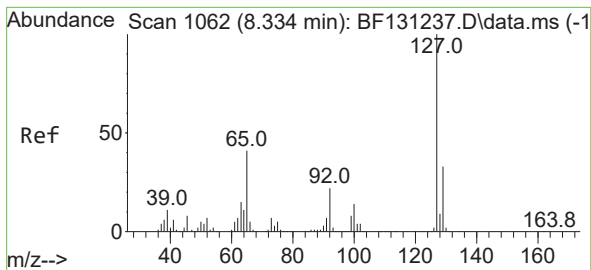
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#32  
Benzoic acid  
Concen: 40.148 ng m  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion:122 Resp: 136072  
Ion Ratio Lower Upper  
122 100  
105 128.9 116.9 156.9  
77 97.2 86.9 126.9





#33  
4-Chloroaniline  
Concen: 39.757 ng  
RT: 8.333 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

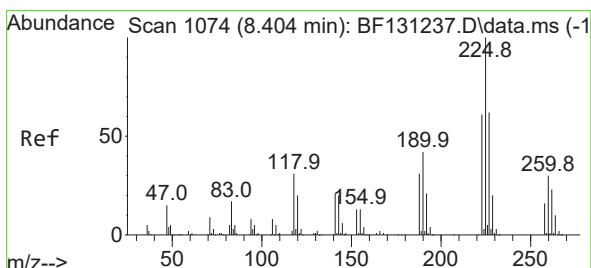
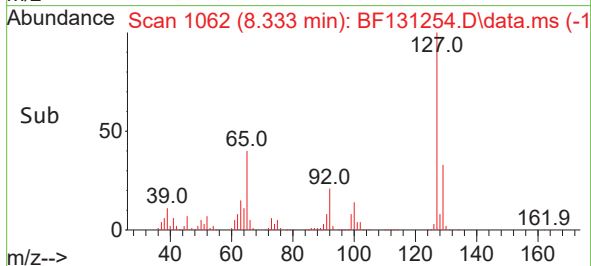
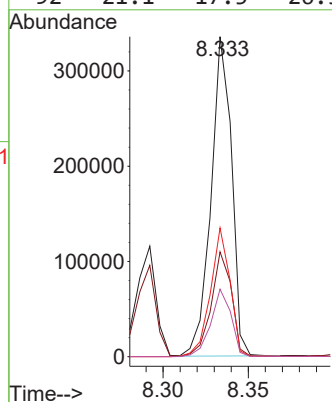
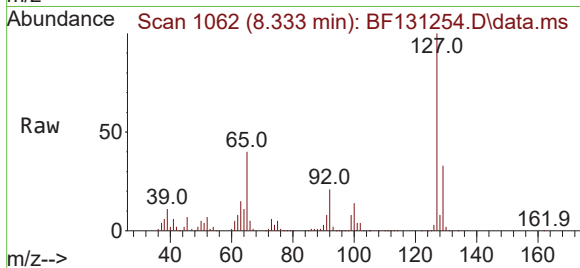
SSTDCCC040

Tgt Ion:127 Resp: 28118  
Ion Ratio Lower Upper  
127 100  
129 32.7 26.0 39.0  
65 40.2 32.6 48.8  
92 21.1 17.5 26.3

Manual Integrations

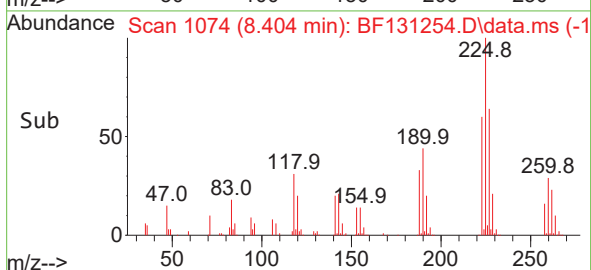
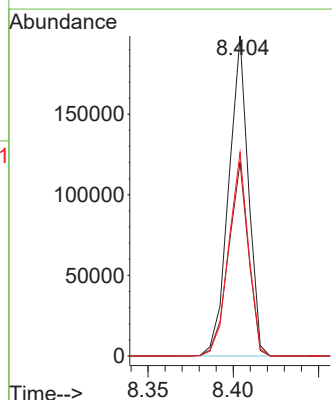
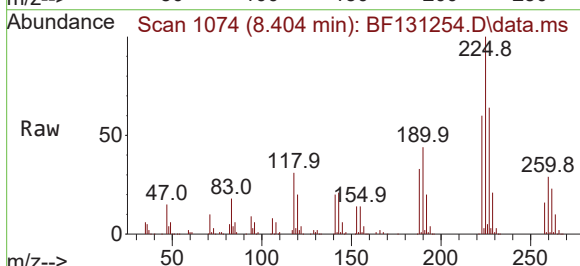
APPROVED

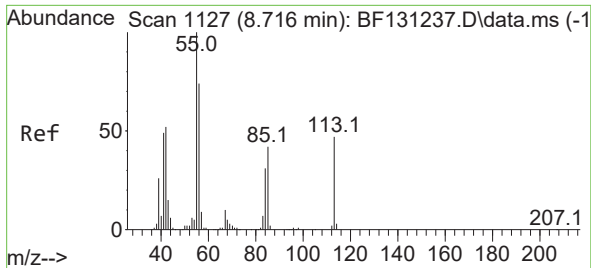
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#34  
Hexachlorobutadiene  
Concen: 40.918 ng  
RT: 8.404 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

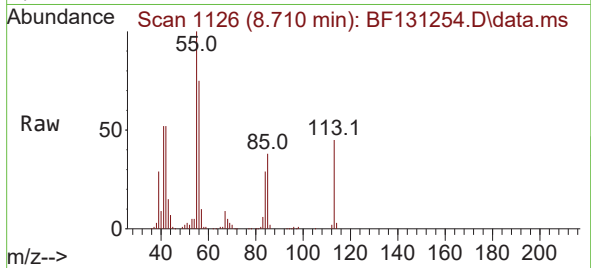
Tgt Ion:225 Resp: 158634  
Ion Ratio Lower Upper  
225 100  
223 60.4 49.1 73.7  
227 63.6 50.0 75.0





#35  
Caprolactam  
Concen: 42.179 ng  
RT: 8.710 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

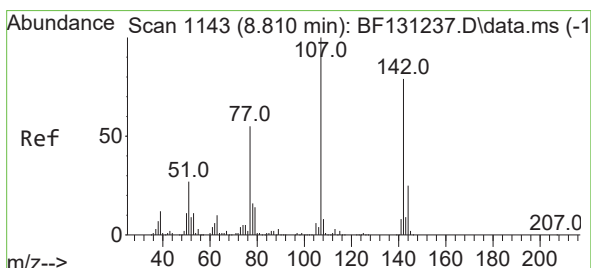
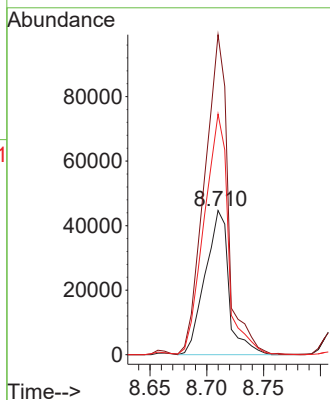
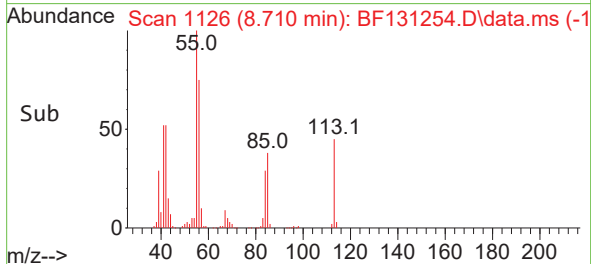
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 6512  
Ion Ratio Lower Upper  
113 100  
55 221.9 193.2 233.2  
56 166.8 137.2 177.2

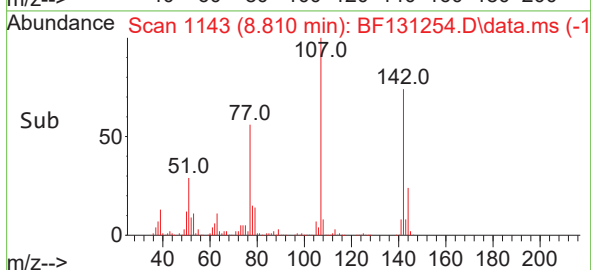
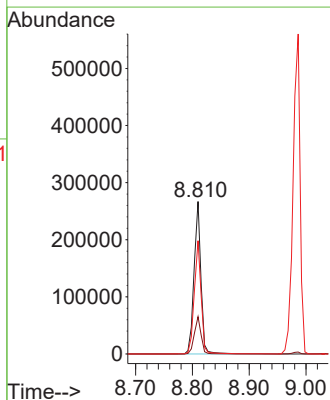
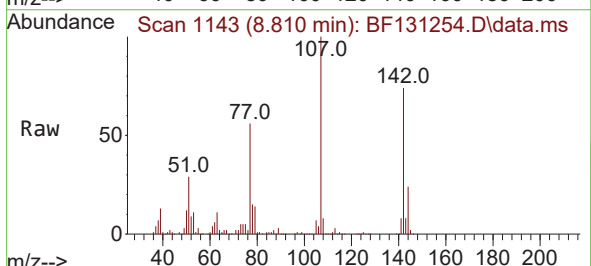
Manual Integrations  
APPROVED

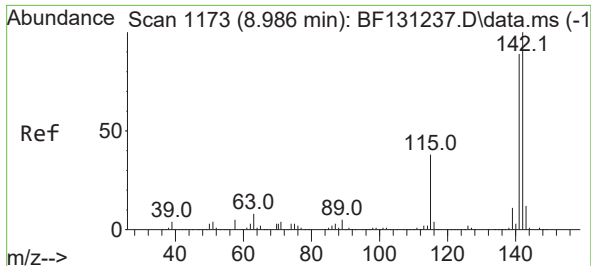
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#36  
4-Chloro-3-methylphenol  
Concen: 41.396 ng  
RT: 8.810 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

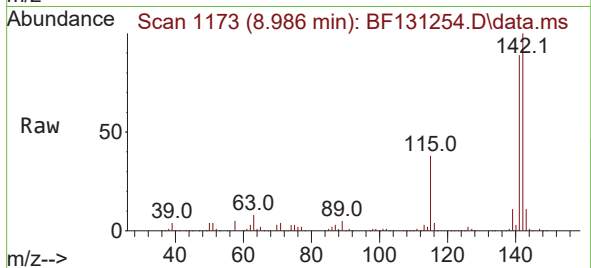
Tgt Ion:107 Resp: 227653  
Ion Ratio Lower Upper  
107 100  
144 24.5 20.2 30.2  
142 74.3 63.0 94.6





#37  
2-Methylnaphthalene  
Concen: 40.066 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

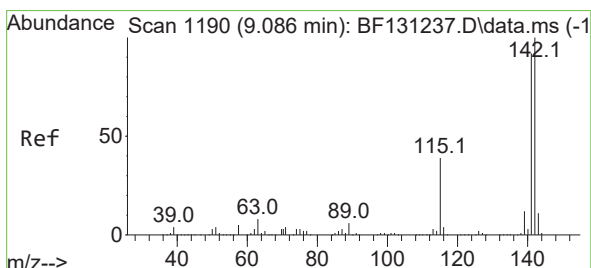
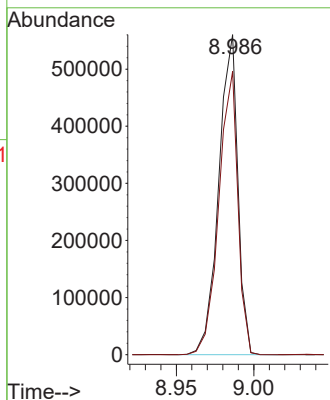
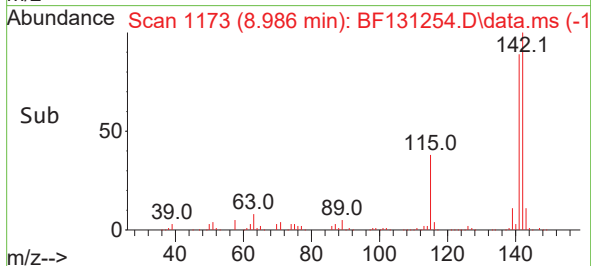
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



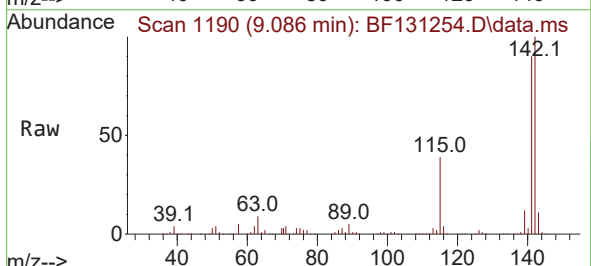
Tgt Ion:142 Resp: 479420  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.0 106.6

Manual Integrations  
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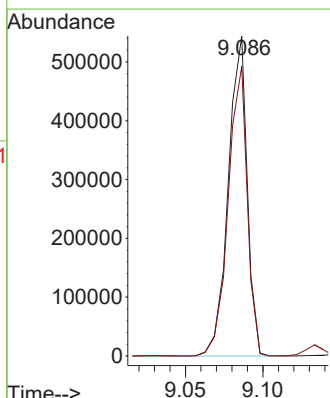
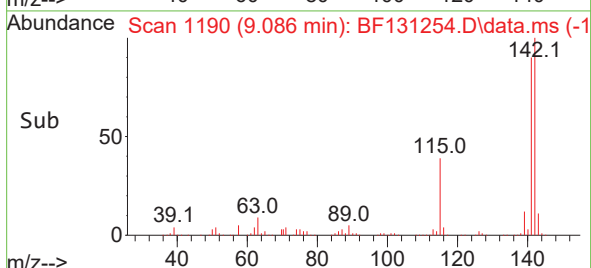
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

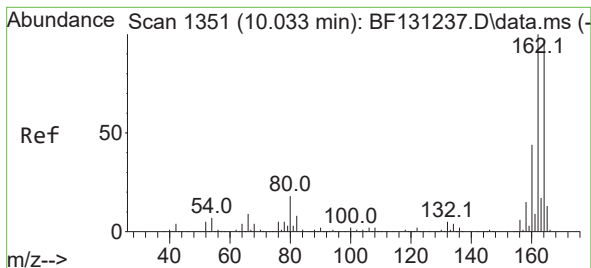


#38  
1-Methylnaphthalene  
Concen: 39.706 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:142 Resp: 460705  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.4 110.2





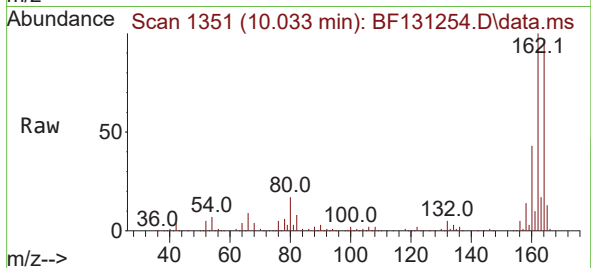
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

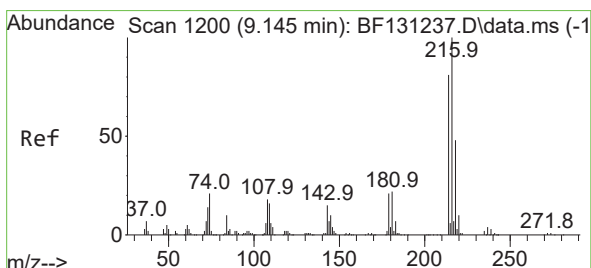
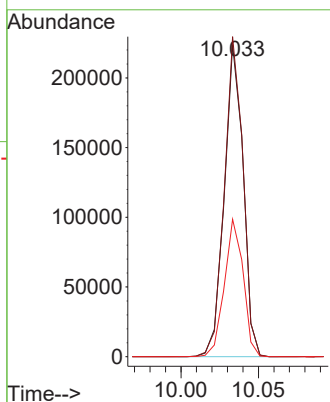
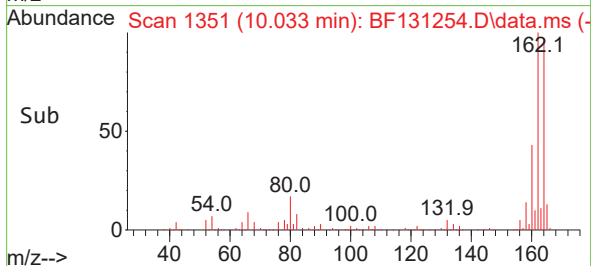


Tgt Ion:164 Resp: 189023  
Ion Ratio Lower Upper  
164 100  
162 102.6 82.1 123.1  
160 44.0 36.2 54.4

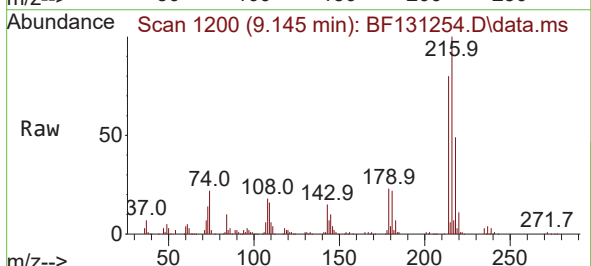
Manual Integrations

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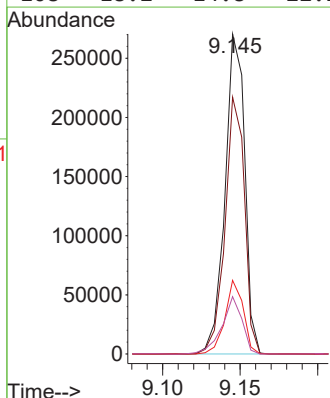
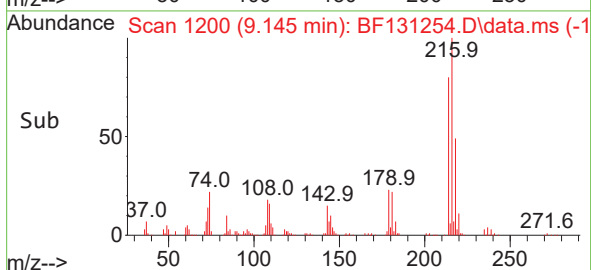
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

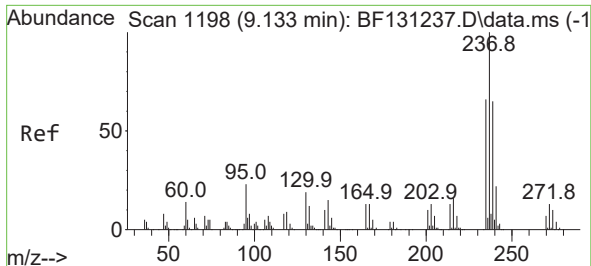


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.370 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:216 Resp: 239606  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.7 95.5  
179 21.3 16.5 24.7  
108 18.2 14.8 22.2





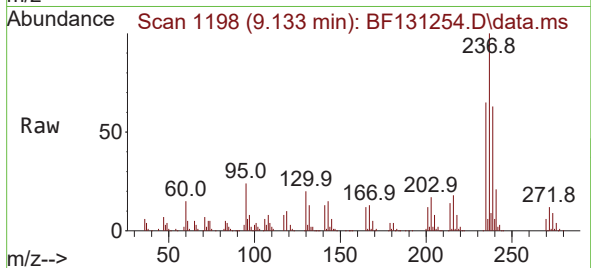
#41  
Hexachlorocyclopentadiene  
Concen: 38.631 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

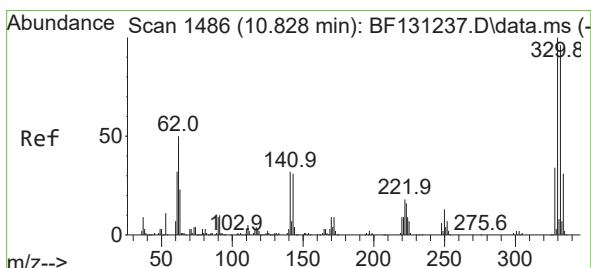
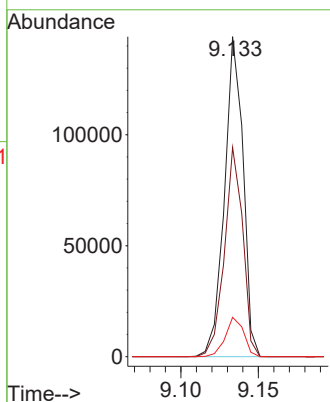
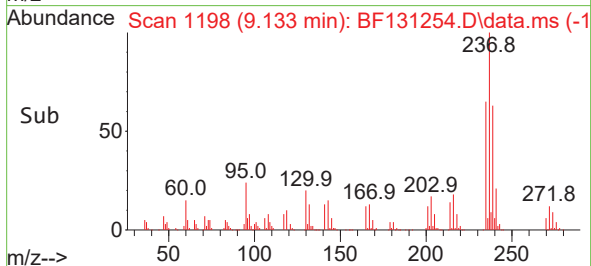


Tgt Ion:237 Resp: 120502  
Ion Ratio Lower Upper  
237 100  
235 65.4 45.6 85.6  
272 12.3 0.0 32.6

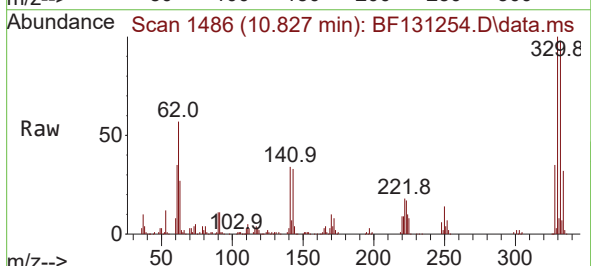
Manual Integrations

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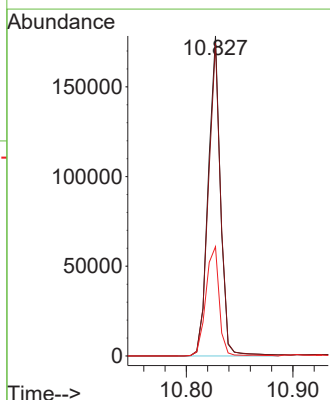
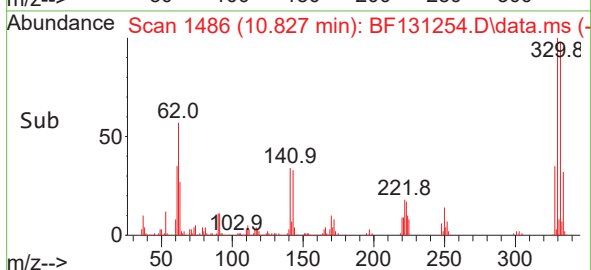
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

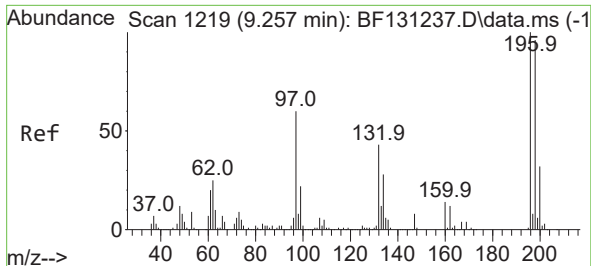


#42  
2,4,6-Tribromophenol  
Concen: 78.716 ng  
RT: 10.827 min Scan# 1486  
Delta R.T. -0.001 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:330 Resp: 142127  
Ion Ratio Lower Upper  
330 100  
332 98.4 76.8 115.2  
141 37.7 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 37.049 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 147410

Ion Ratio Lower Upper

196 100

198 98.1 76.5 114.7

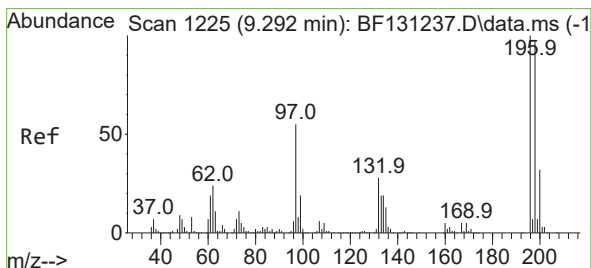
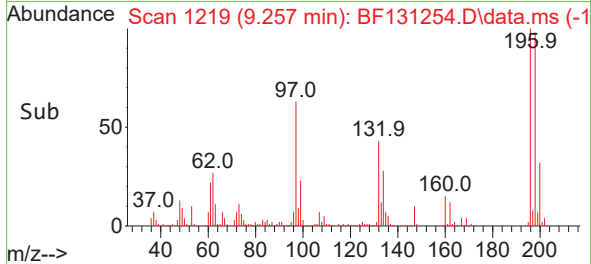
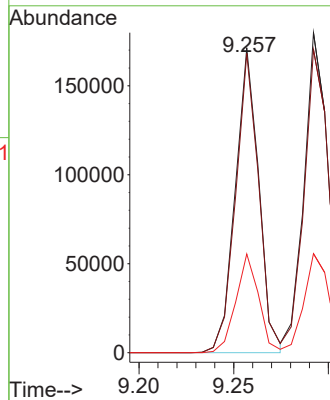
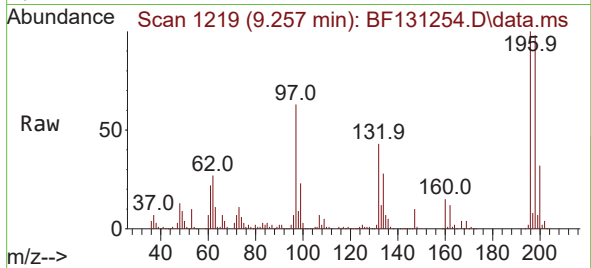
200 32.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022



#44

2,4,5-Trichlorophenol

Concen: 42.193 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

Tgt Ion:196 Resp: 180159

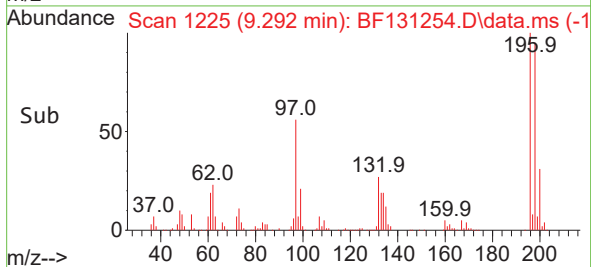
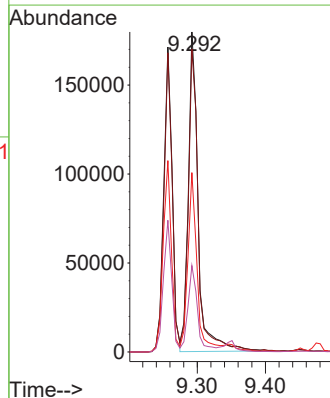
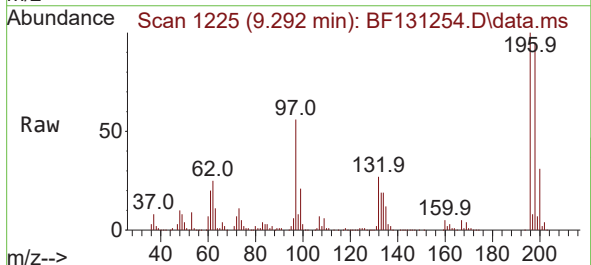
Ion Ratio Lower Upper

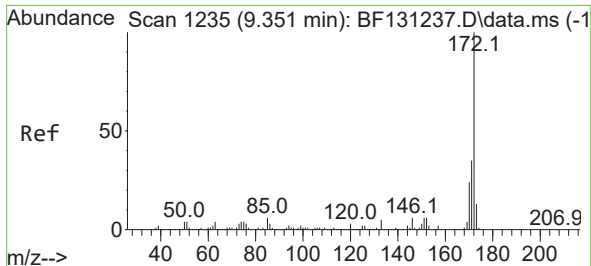
196 100

198 94.7 77.0 115.6

97 56.1 44.3 66.5

132 27.0 22.2 33.4





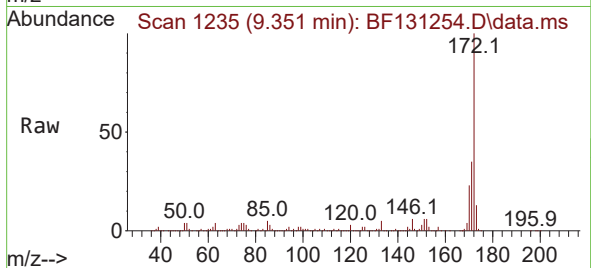
#45  
2-Fluorobiphenyl  
Concen: 78.429 ng  
RT: 9.351 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

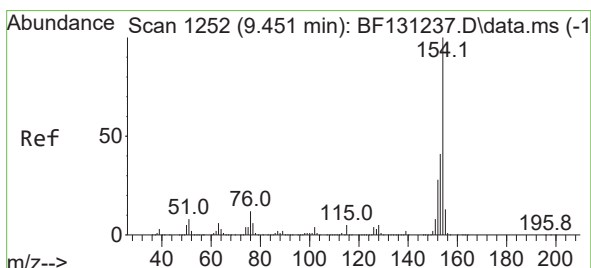
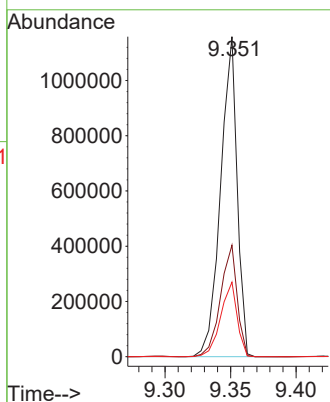
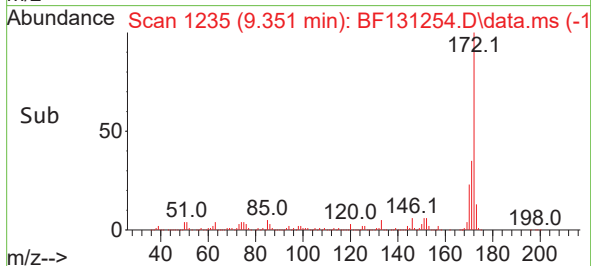


Tgt Ion:172 Resp: 1013040  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.2  
170 23.3 18.8 28.2

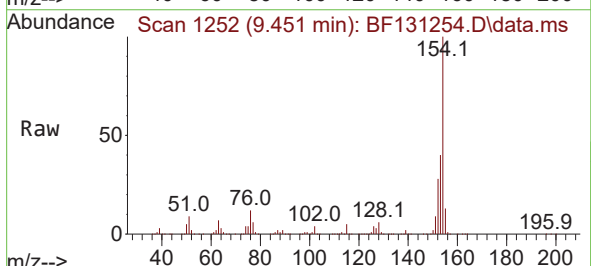
Manual Integrations

APPROVED

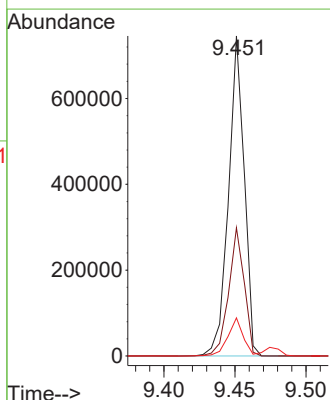
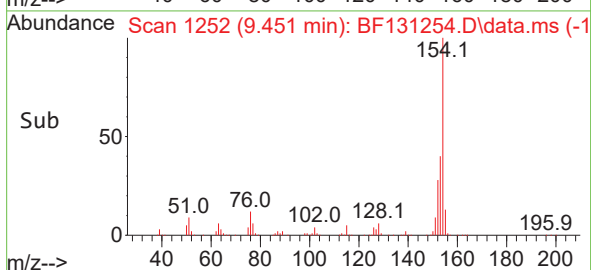
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

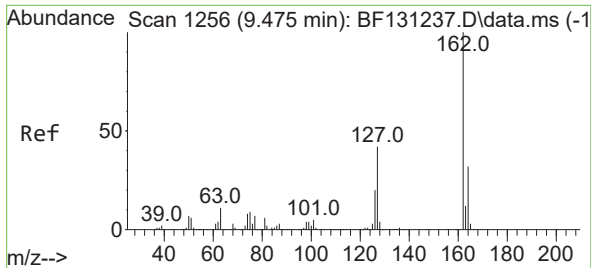


#46  
1,1'-Biphenyl  
Concen: 39.396 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



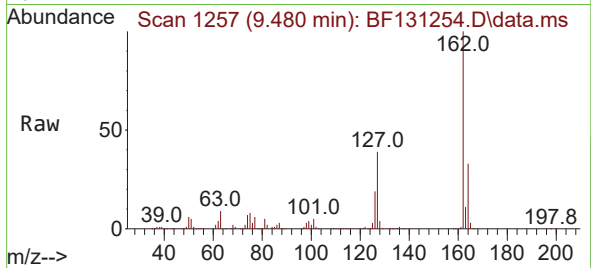
Tgt Ion:154 Resp: 572460  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.8 60.8  
76 11.9 0.0 31.6





#47  
2-Chloronaphthalene  
Concen: 39.383 ng  
RT: 9.480 min Scan# 1256  
Delta R.T. 0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

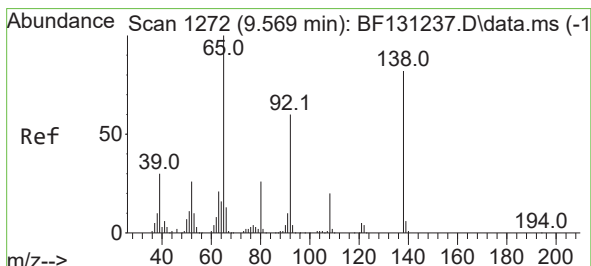
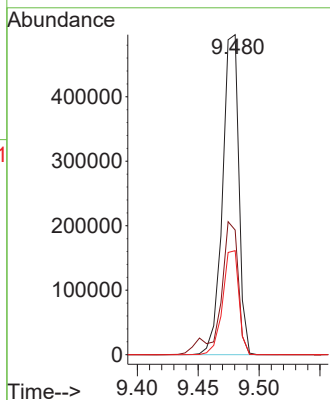
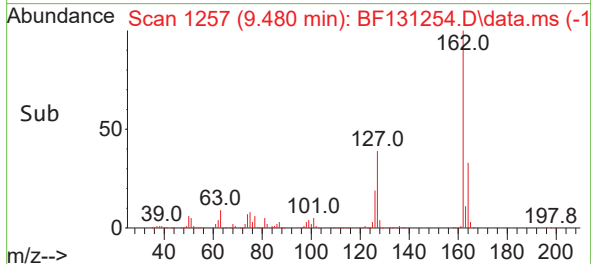
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 162 Resp: 463588  
Ion Ratio Lower Upper  
162 100  
127 39.0 34.1 51.1  
164 32.5 25.9 38.9

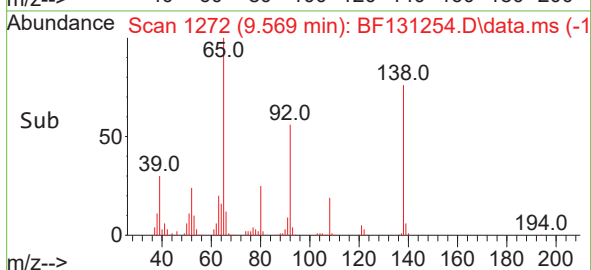
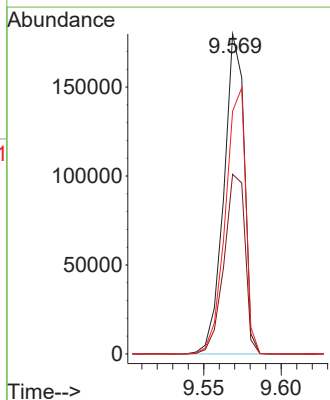
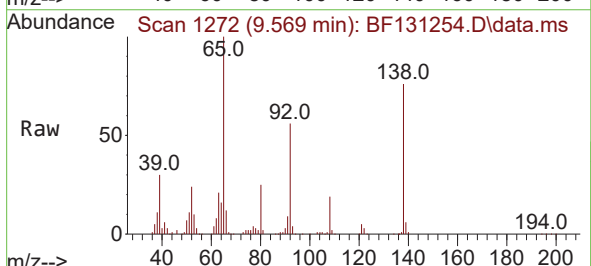
Manual Integrations  
APPROVED

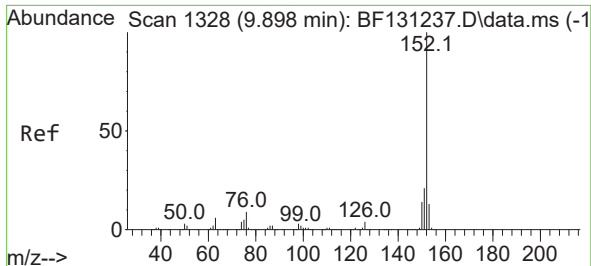
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#48  
2-Nitroaniline  
Concen: 43.905 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion: 65 Resp: 164413  
Ion Ratio Lower Upper  
65 100  
92 56.1 48.2 72.2  
138 75.9 65.8 98.8





#49

Acenaphthylene

Concen: 39.390 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

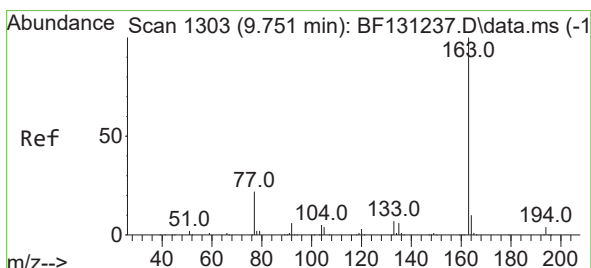
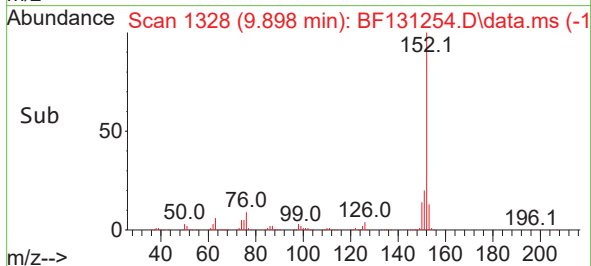
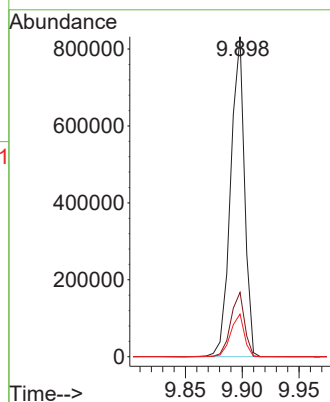
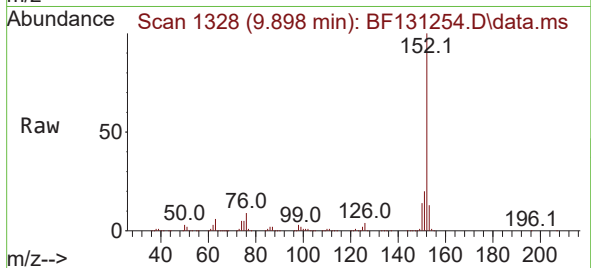
SSTDCCC040

|             |             |
|-------------|-------------|
| Tgt Ion:152 | Resp: 70804 |
| Ion Ratio   | Lower Upper |
| 152 100     |             |
| 151 20.1    | 16.4 24.6   |
| 153 13.3    | 10.5 15.7   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#50

Dimethylphthalate

Concen: 39.533 ng

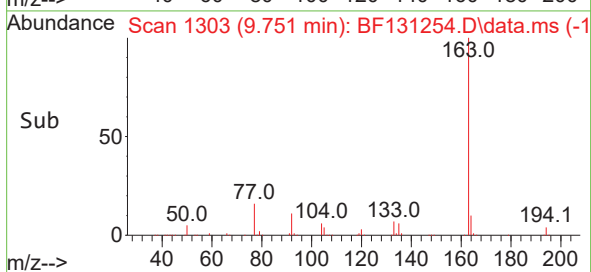
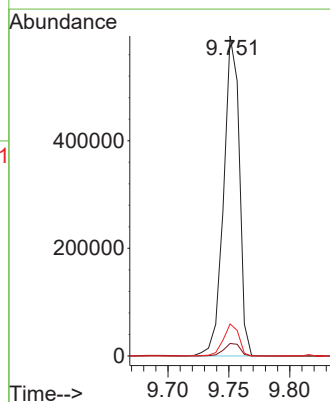
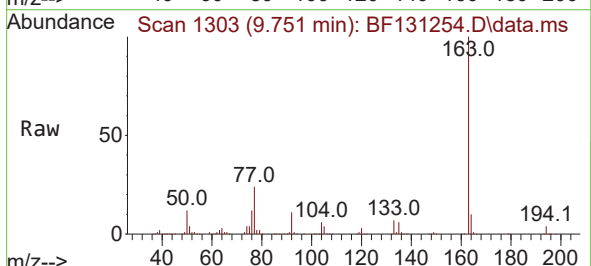
RT: 9.751 min Scan# 1303

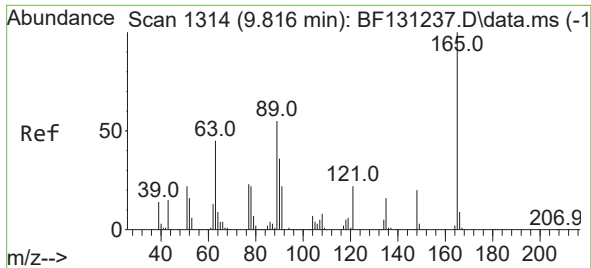
Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

|             |              |
|-------------|--------------|
| Tgt Ion:163 | Resp: 535094 |
| Ion Ratio   | Lower Upper  |
| 163 100     |              |
| 194 3.9     | 3.2 4.8      |
| 164 10.0    | 7.9 11.9     |





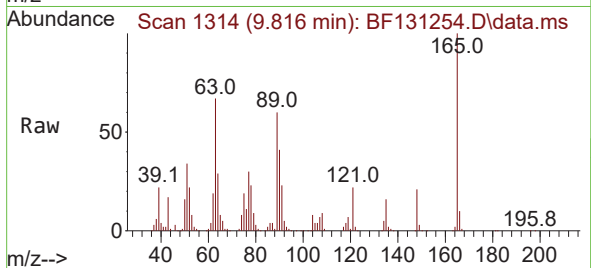
#51  
2,6-Dinitrotoluene  
Concen: 41.123 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

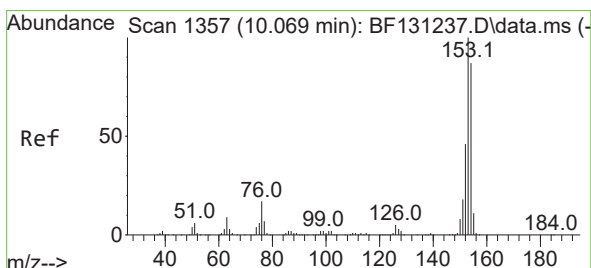
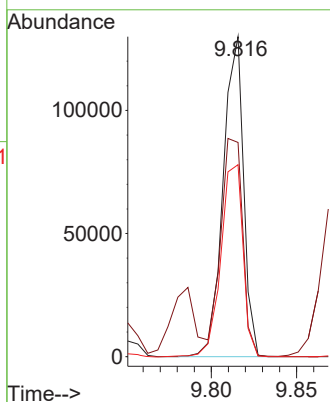
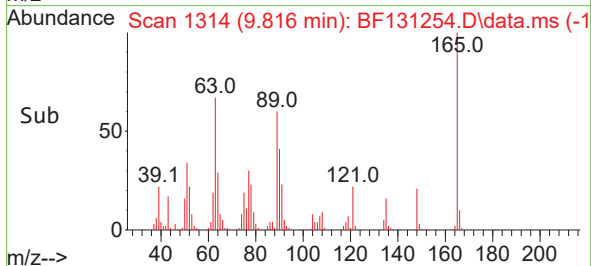


Tgt Ion:165 Resp: 107980  
Ion Ratio Lower Upper  
165 100  
63 66.9 49.8 74.6  
89 60.0 44.5 66.7

Manual Integrations

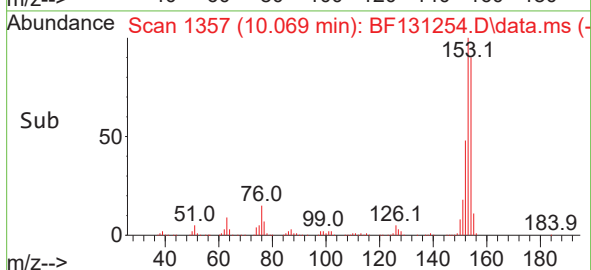
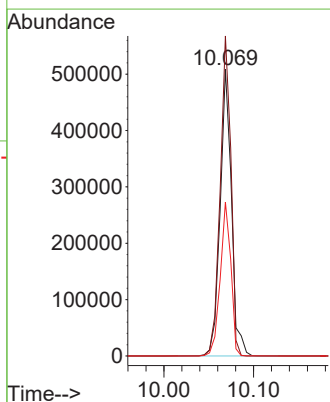
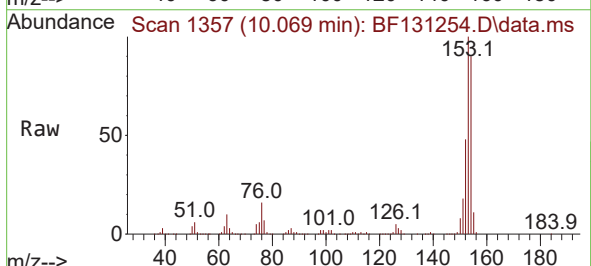
APPROVED

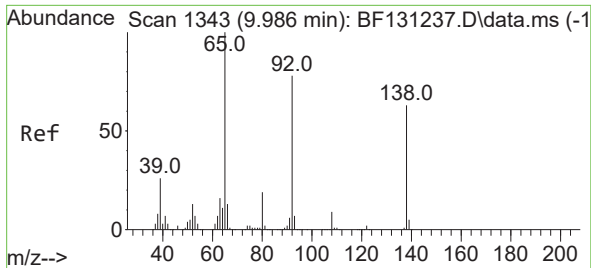
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#52  
Acenaphthene  
Concen: 39.662 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion:154 Resp: 445014  
Ion Ratio Lower Upper  
154 100  
153 111.7 91.4 137.2  
152 53.7 42.4 63.6





#53  
3-Nitroaniline  
Concen: 40.611 ng  
RT: 9.986 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

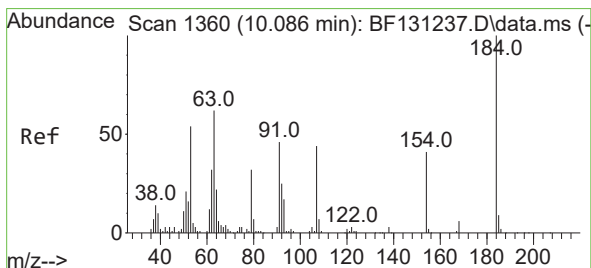
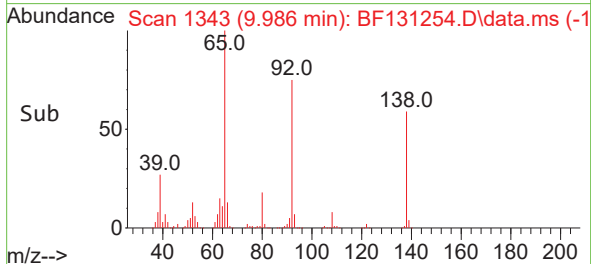
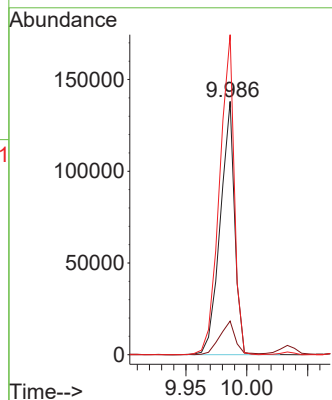
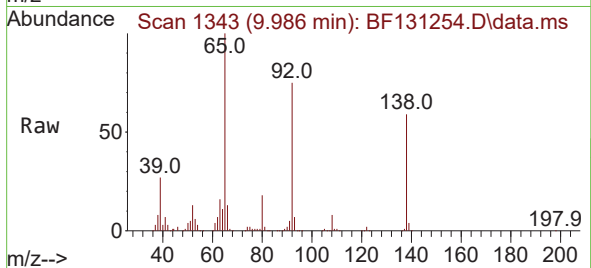
SSTDCCC040

Tgt Ion:138 Resp: 113874  
Ion Ratio Lower Upper  
138 100  
108 13.2 11.4 17.2  
92 126.4 98.6 148.0

Manual Integrations

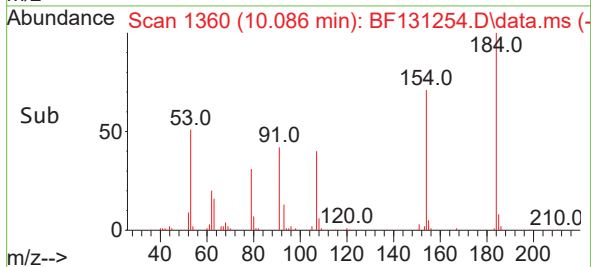
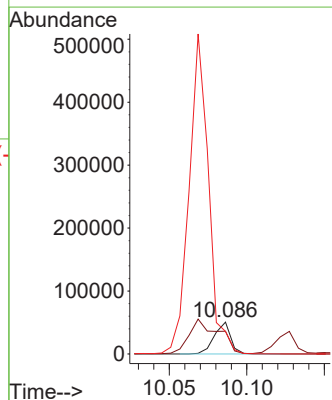
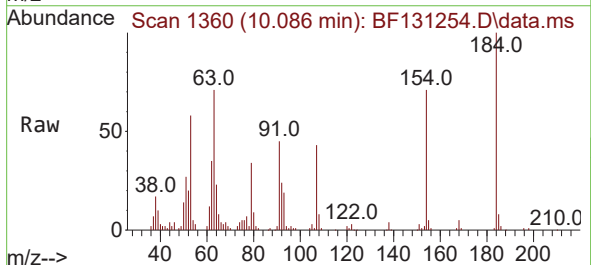
APPROVED

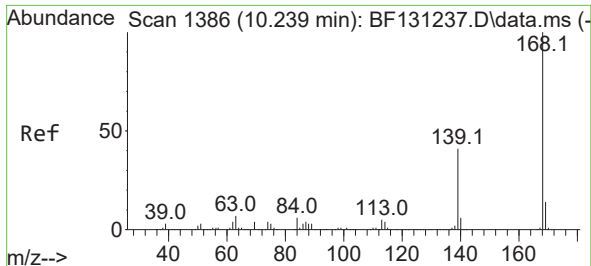
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#54  
2,4-Dinitrophenol  
Concen: 39.976 ng  
RT: 10.086 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

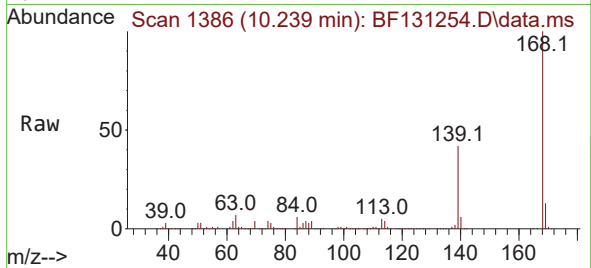
Tgt Ion:184 Resp: 37318  
Ion Ratio Lower Upper  
184 100  
63 71.5 52.5 78.7  
154 71.0 54.0 81.0





#55  
Dibenzofuran  
Concen: 39.428 ng  
RT: 10.239 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

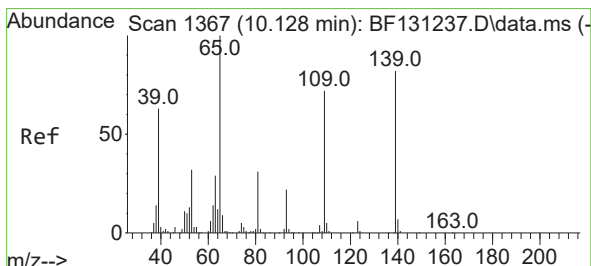
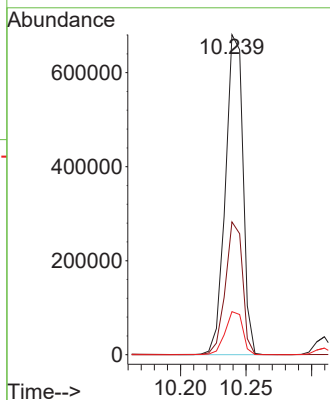
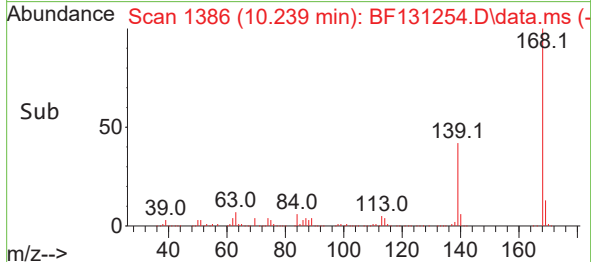
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



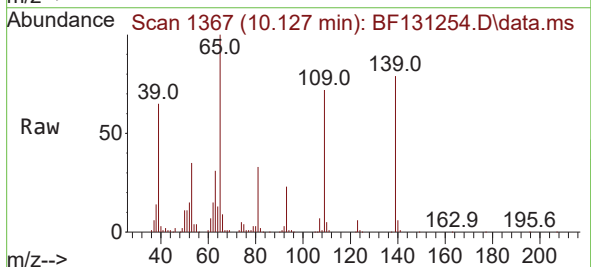
Tgt Ion:168 Resp: 633830  
Ion Ratio Lower Upper  
168 100  
139 41.5 32.9 49.3  
169 13.4 10.8 16.2

Manual Integrations  
APPROVED

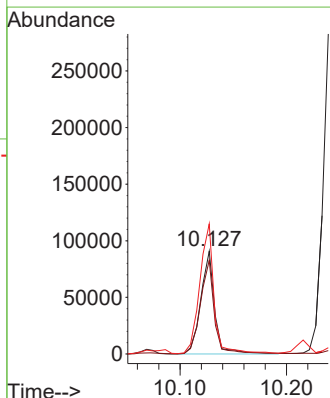
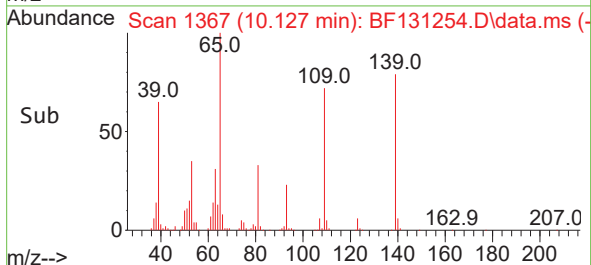
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

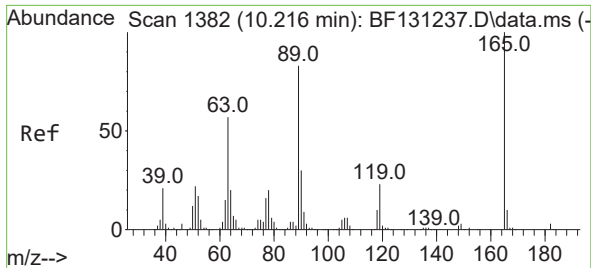


#56  
4-Nitrophenol  
Concen: 38.997 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. -0.001 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:139 Resp: 83050  
Ion Ratio Lower Upper  
139 100  
109 91.1 68.1 108.1  
65 126.5 101.6 141.6





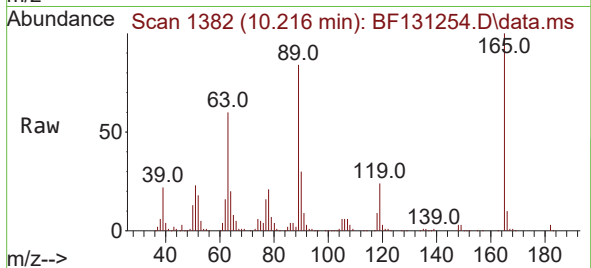
#57  
2,4-Dinitrotoluene  
Concen: 41.675 ng  
RT: 10.216 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

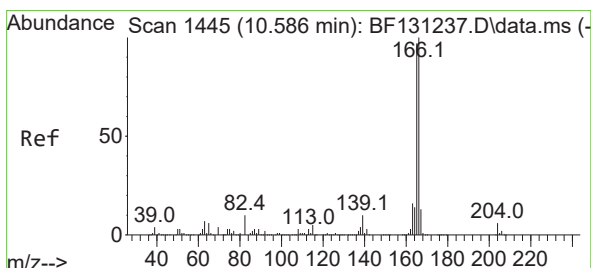
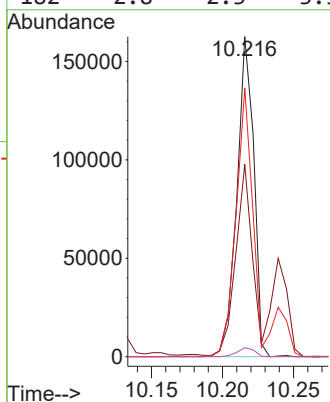
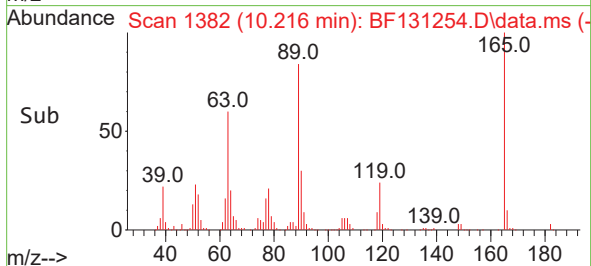


Tgt Ion:165 Resp: 13535  
Ion Ratio Lower Upper  
165 100  
63 60.1 46.0 69.0  
89 84.0 66.2 99.4  
182 2.8 2.3 3.5

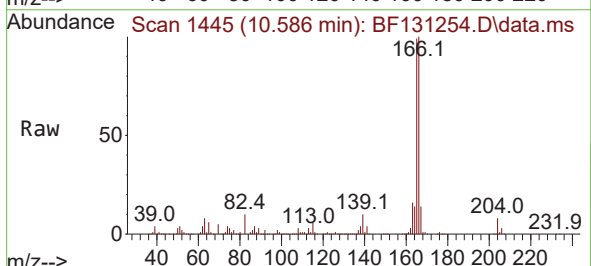
Manual Integrations

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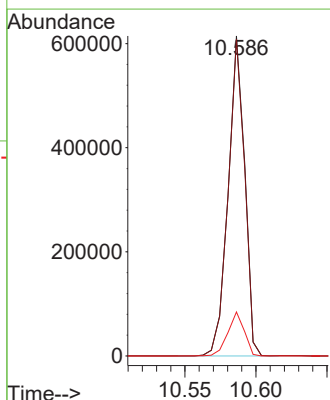
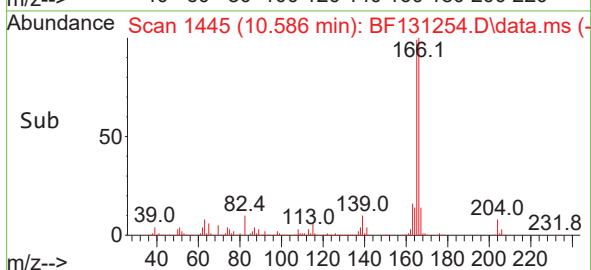
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

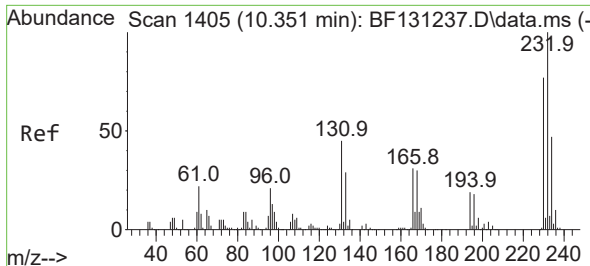


#58  
Fluorene  
Concen: 39.256 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



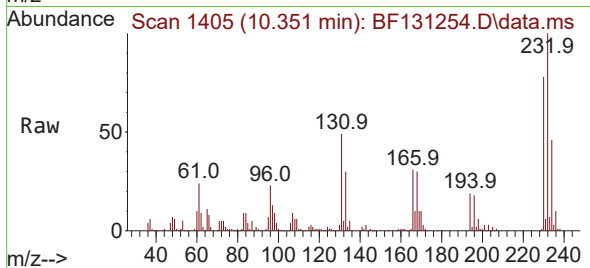
Tgt Ion:166 Resp: 496585  
Ion Ratio Lower Upper  
166 100  
165 99.0 77.4 116.0  
167 13.8 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.037 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

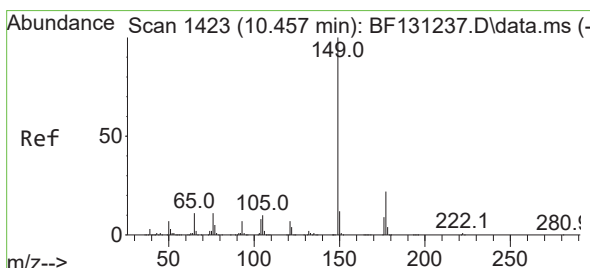
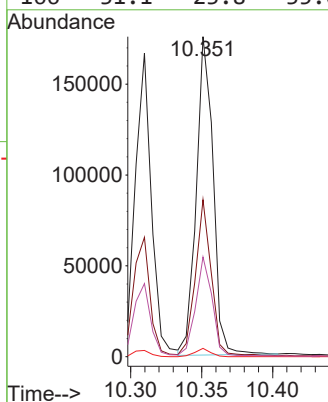
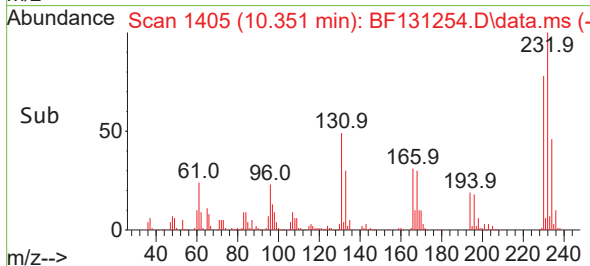
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



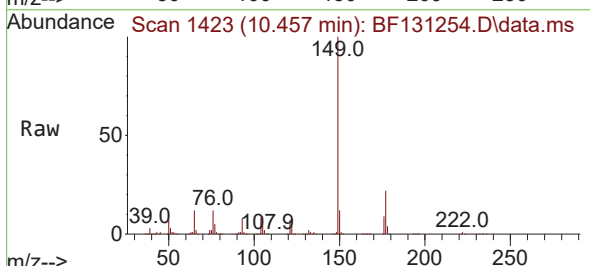
Tgt Ion:232 Resp: 144824  
Ion Ratio Lower Upper  
232 100  
131 47.1 34.6 51.8  
130 2.5 1.9 2.9  
166 31.1 23.8 35.6

Manual Integrations  
APPROVED

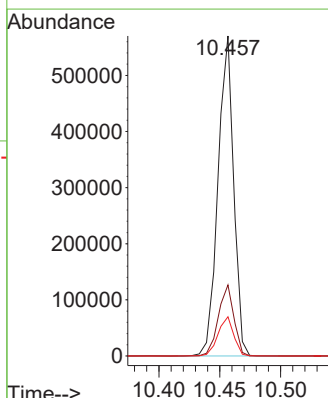
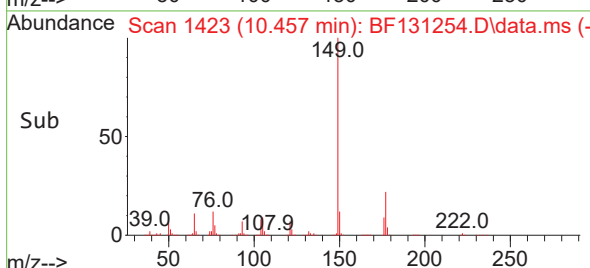
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

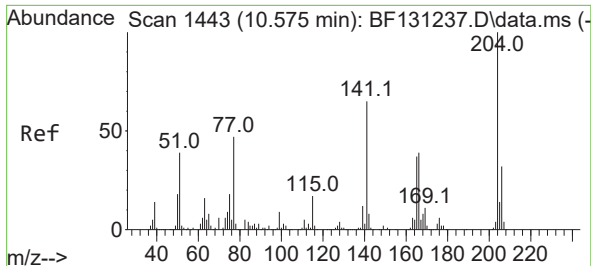


#60  
Diethylphthalate  
Concen: 40.008 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:149 Resp: 511880  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.9 26.9  
150 12.3 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 39.630 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

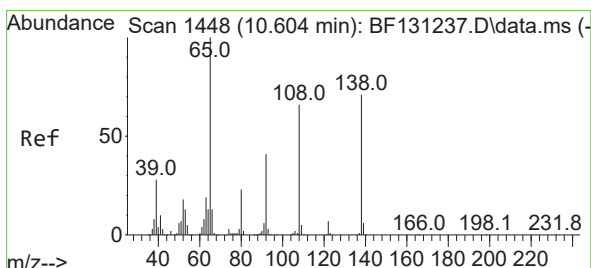
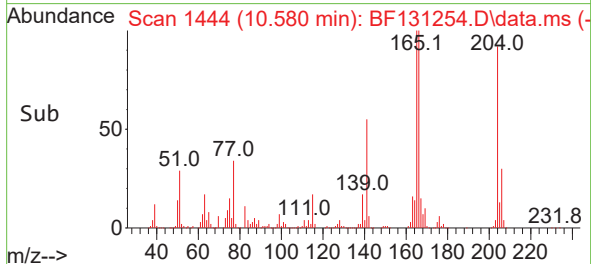
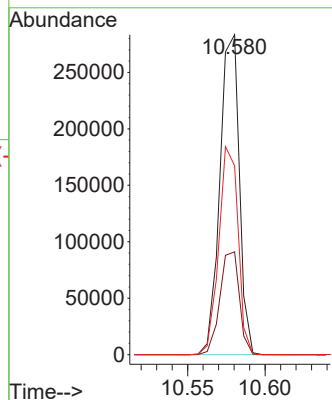
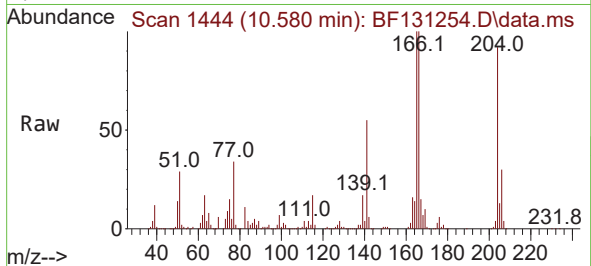
ClientSampleId :

SSTDCCC040

Tgt Ion:204 Resp: 24788  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.8 38.8  
141 59.0 52.1 78.1

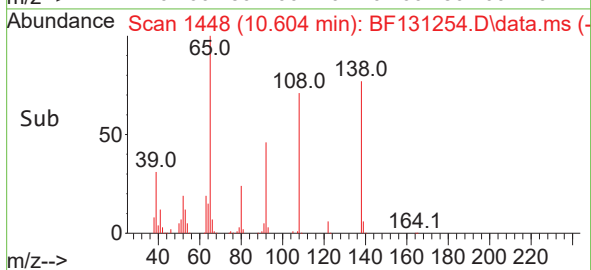
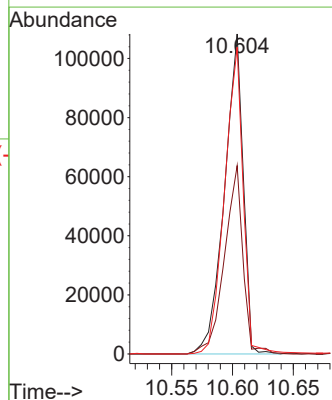
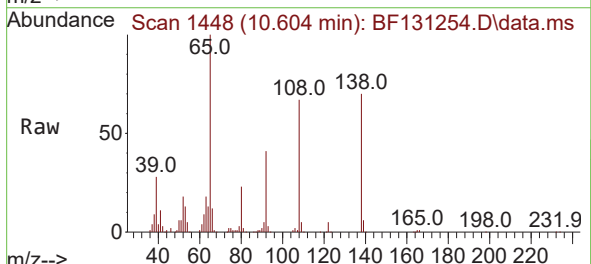
Manual Integrations  
APPROVED

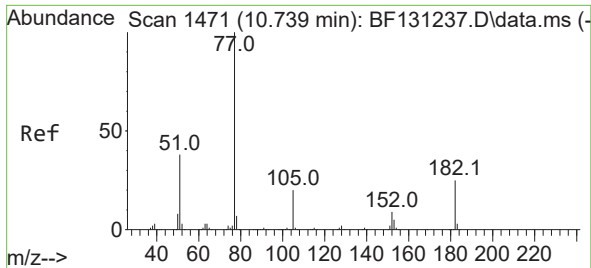
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#62  
4-Nitroaniline  
Concen: 41.760 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion:138 Resp: 115926  
Ion Ratio Lower Upper  
138 100  
92 58.9 37.6 77.6  
108 95.8 73.2 113.2





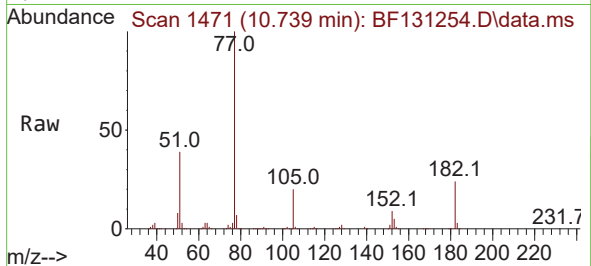
#63  
Azobenzene  
Concen: 40.115 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

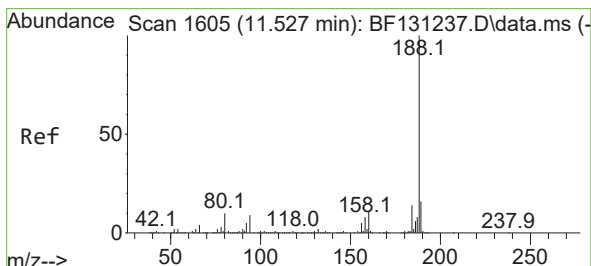
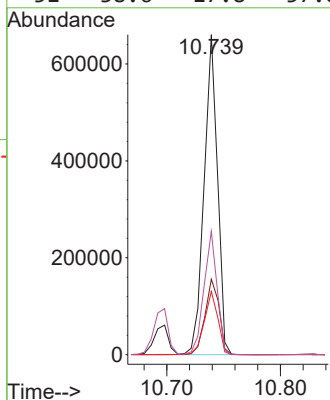
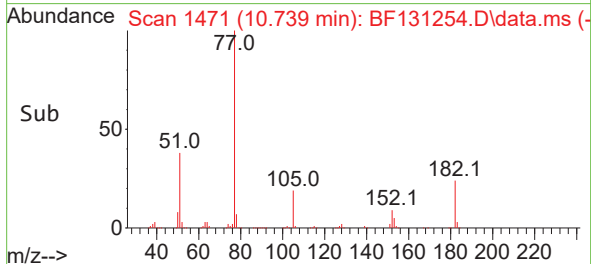


Tgt Ion: 77 Resp: 537374  
Ion Ratio Lower Upper  
77 100  
182 23.6 5.0 45.0  
105 19.7 0.1 40.1  
51 38.6 17.8 57.8

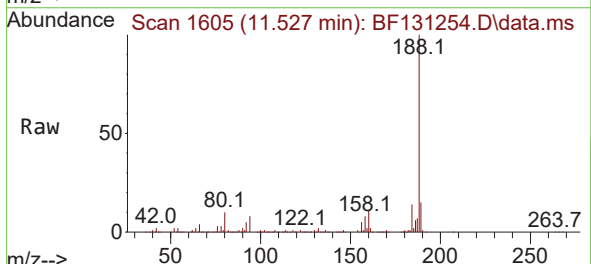
Manual Integrations

APPROVED

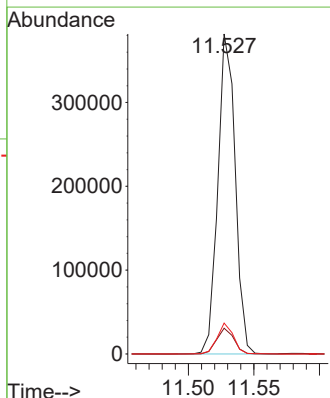
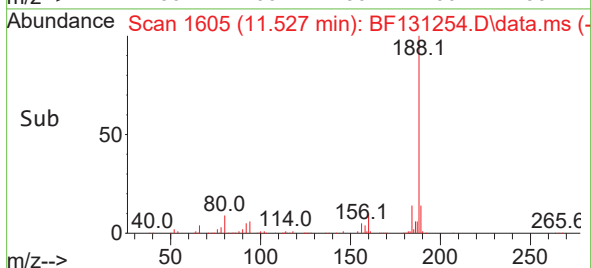
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

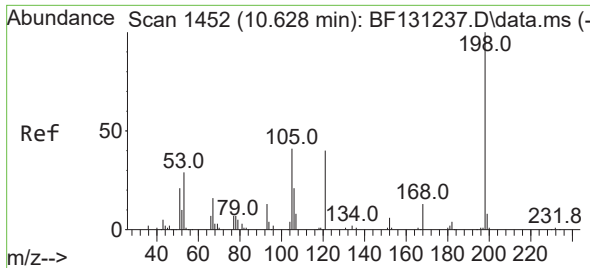


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.527 min Scan# 1605  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:188 Resp: 350670  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.8 10.2  
80 9.6 8.0 12.0





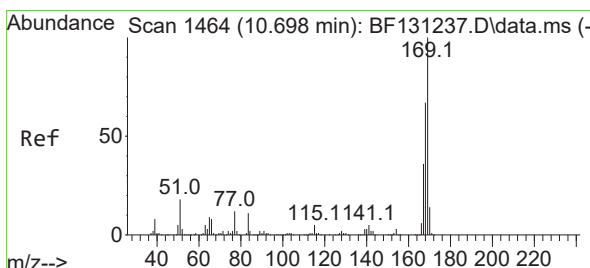
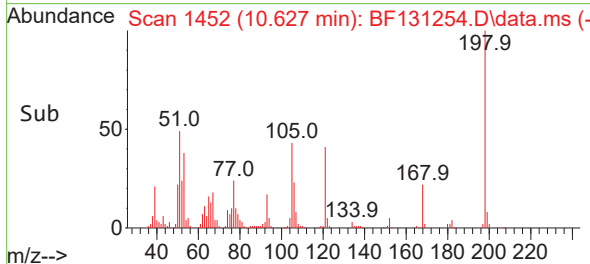
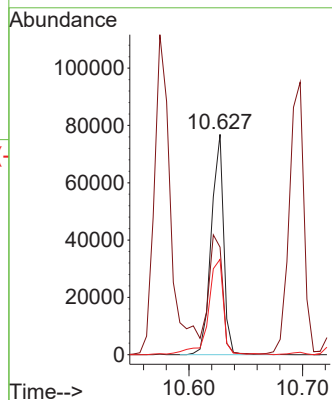
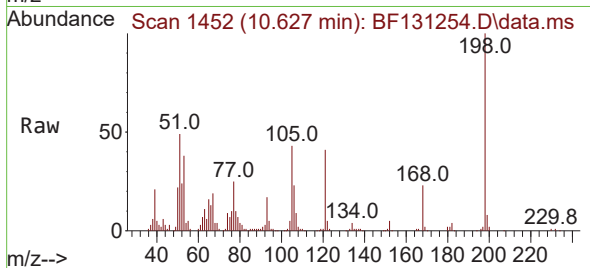
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.513 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. -0.001 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 57754  
Ion Ratio Lower Upper  
198 100  
51 48.8 29.4 69.4  
105 43.3 22.2 62.2

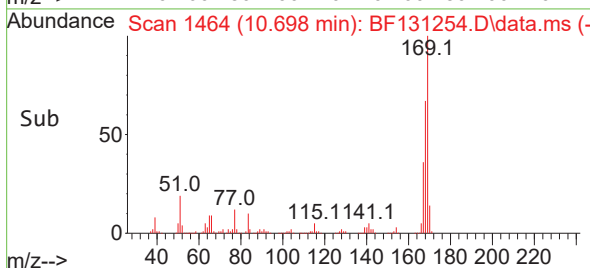
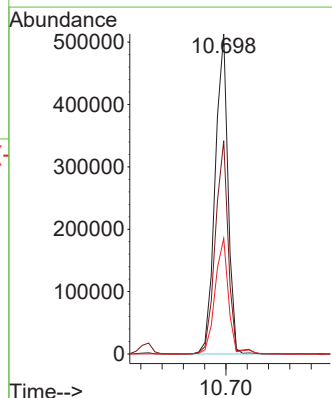
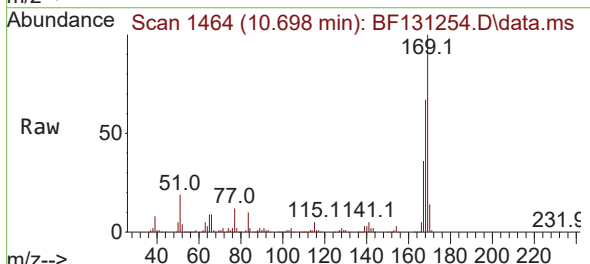
Manual Integrations  
APPROVED

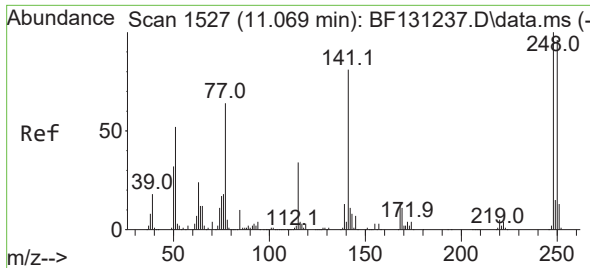
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#66  
n-Nitrosodiphenylamine  
Concen: 38.464 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Tgt Ion:169 Resp: 428530  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.4 80.0  
167 36.1 28.9 43.3





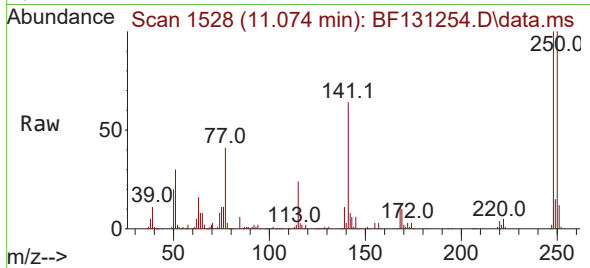
#67  
4-Bromophenyl-phenylether  
Concen: 39.030 ng  
RT: 11.074 min Scan# 1527  
Delta R.T. 0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

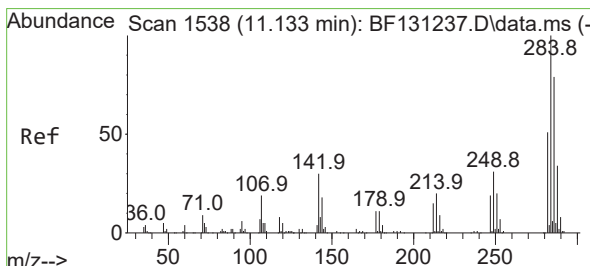
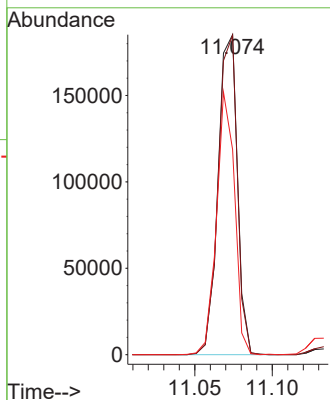
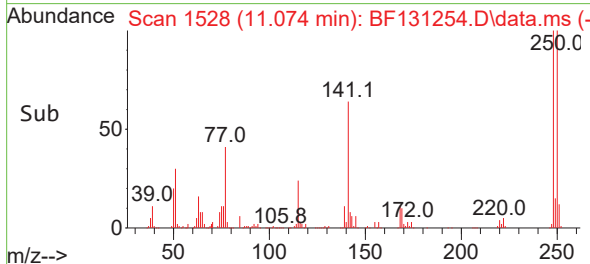


Tgt Ion:248 Resp: 160698  
Ion Ratio Lower Upper  
248 100  
250 99.8 76.6 114.8  
141 64.1 64.7 97.1

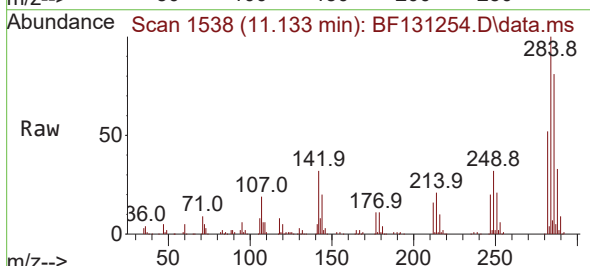
Manual Integrations

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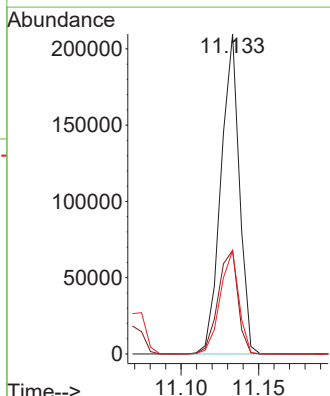
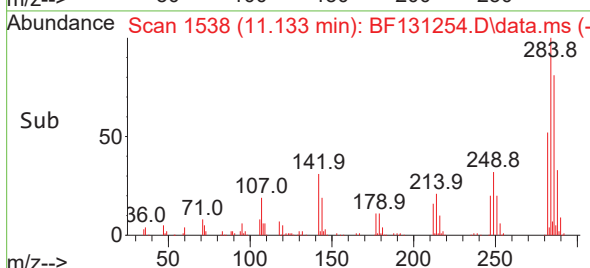
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

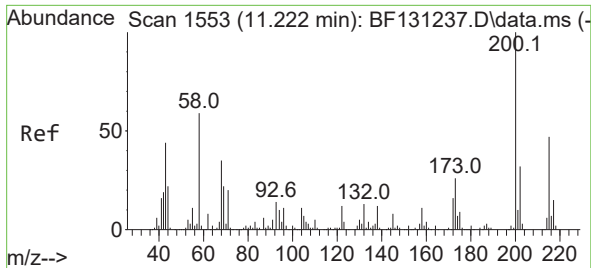


#68  
Hexachlorobenzene  
Concen: 38.825 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



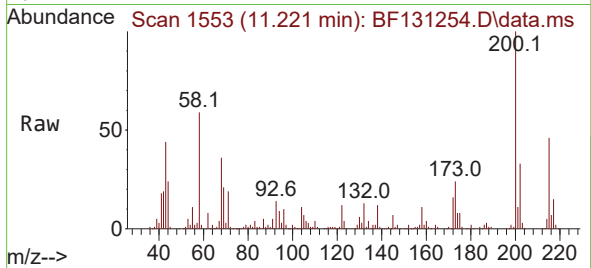
Tgt Ion:284 Resp: 173241  
Ion Ratio Lower Upper  
284 100  
142 32.4 24.3 36.5  
249 32.2 24.8 37.2





#69  
 Atrazine  
 Concen: 39.554 ng  
 RT: 11.221 min Scan# 1553  
 Delta R.T. -0.000 min  
 Lab File: BF131254.D  
 Acq: 16 Nov 2022 09:18

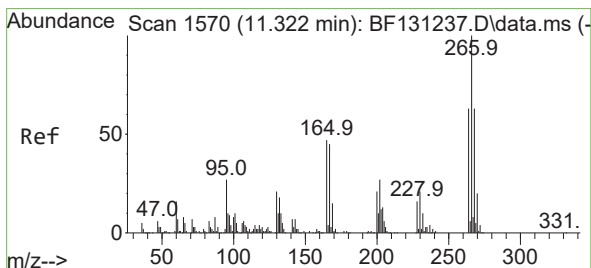
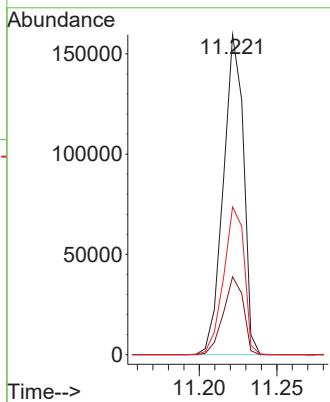
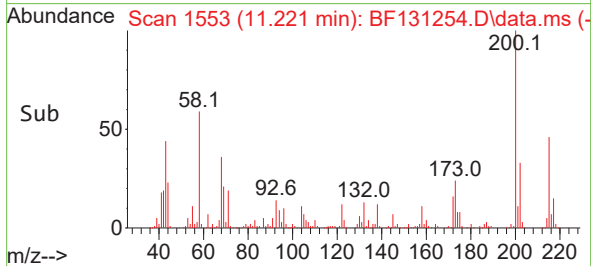
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



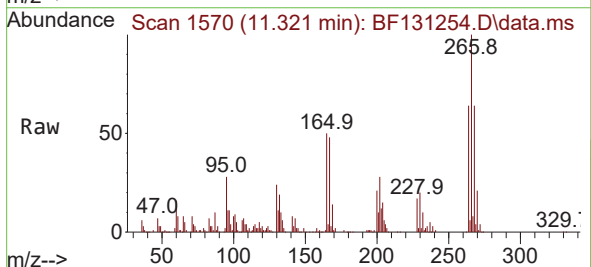
Tgt Ion:200 Resp: 14444  
 Ion Ratio Lower Upper  
 200 100  
 173 24.3 6.4 46.4  
 215 46.2 26.5 66.5

Manual Integrations  
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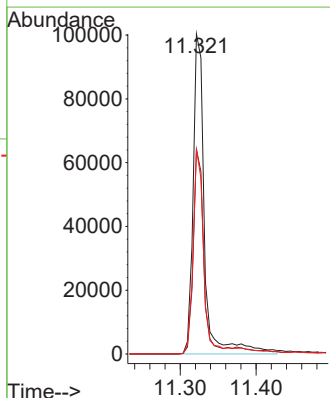
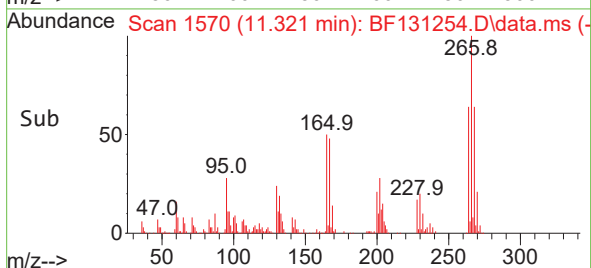
Reviewed By :Christian Giraldo 11/17/2022  
 Supervised By :mohammad ahmed 11/17/2022

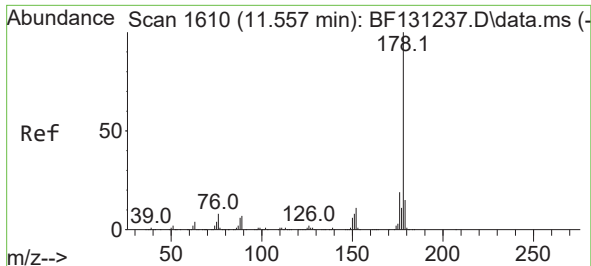


#70  
 Pentachlorophenol  
 Concen: 40.303 ng m  
 RT: 11.321 min Scan# 1570  
 Delta R.T. -0.000 min  
 Lab File: BF131254.D  
 Acq: 16 Nov 2022 09:18



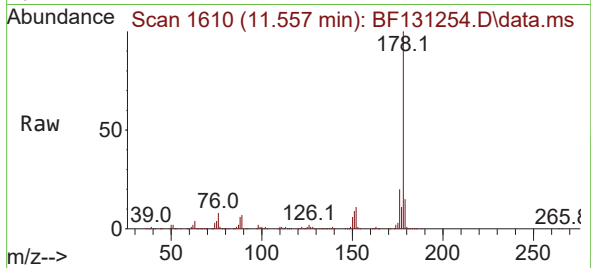
Tgt Ion:266 Resp: 104965  
 Ion Ratio Lower Upper  
 266 100  
 268 63.9 50.5 75.7  
 264 64.1 50.4 75.6





#71  
Phenanthrene  
Concen: 39.043 ng  
RT: 11.557 min Scan# 1610  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

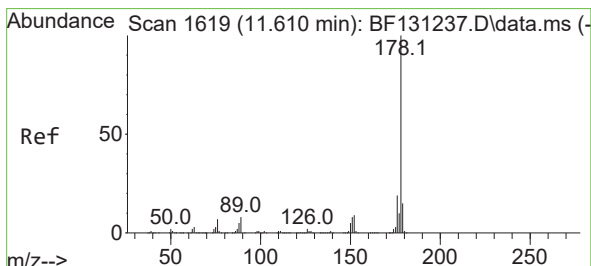
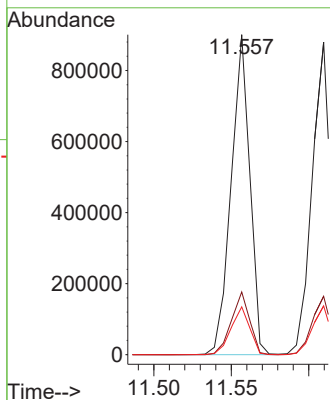
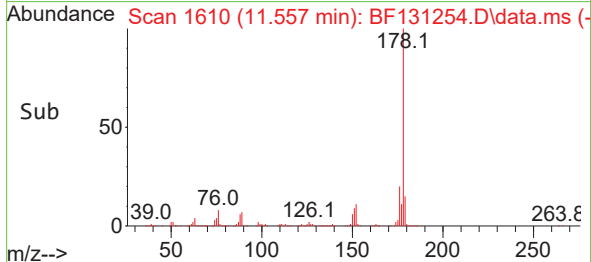
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



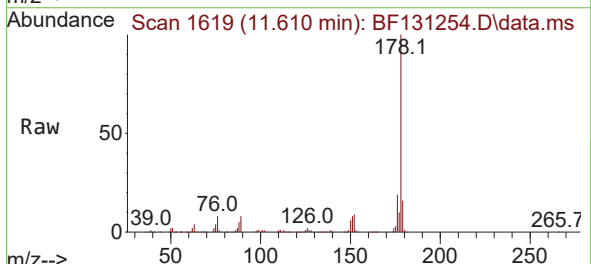
Tgt Ion:178 Resp: 75558  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.3 22.9  
179 14.9 12.1 18.1

Manual Integrations  
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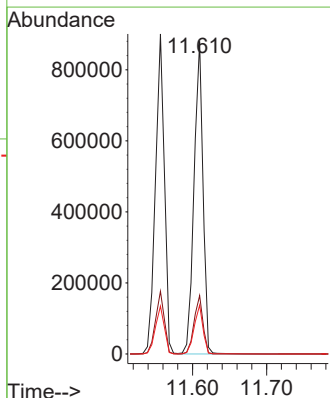
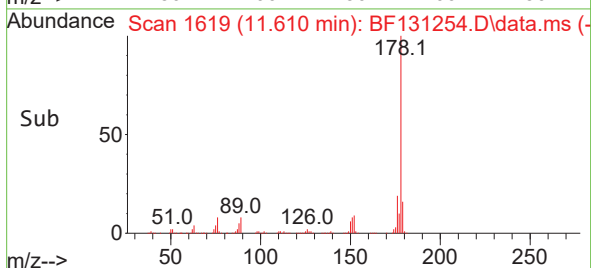
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

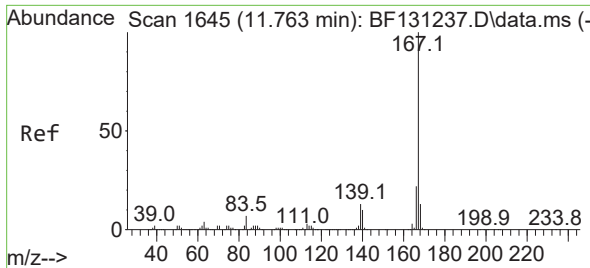


#72  
Anthracene  
Concen: 39.112 ng  
RT: 11.610 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



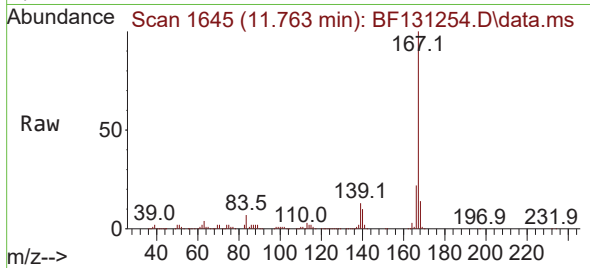
Tgt Ion:178 Resp: 739425  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.2 22.8  
179 15.6 12.2 18.2





#73  
 Carbazole  
 Concen: 38.643 ng  
 RT: 11.763 min Scan# 1645  
 Delta R.T. -0.000 min  
 Lab File: BF131254.D  
 Acq: 16 Nov 2022 09:18

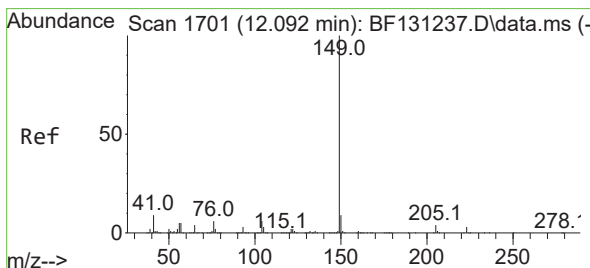
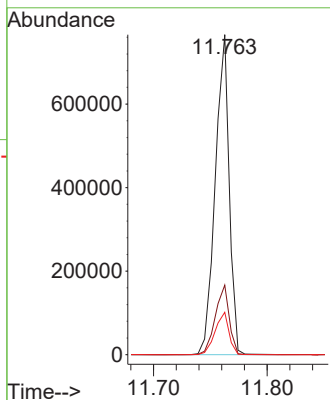
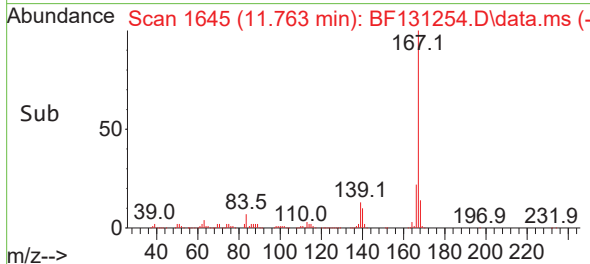
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



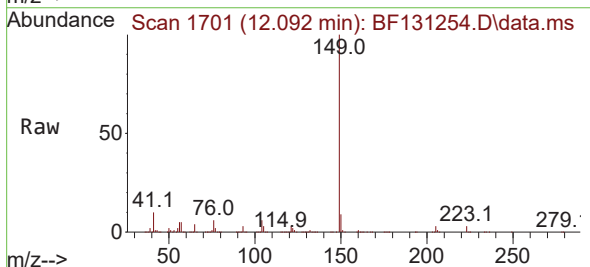
Tgt Ion:167 Resp: 653940  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.3 25.9  
 139 13.3 10.3 15.5

Manual Integrations  
 APPROVED

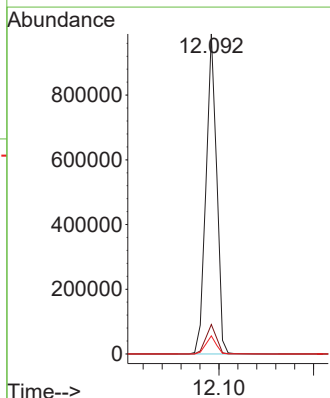
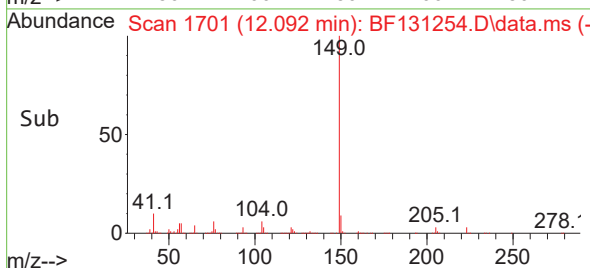
Reviewed By :Christian Giraldo 11/17/2022  
 Supervised By :mohammad ahmed 11/17/2022

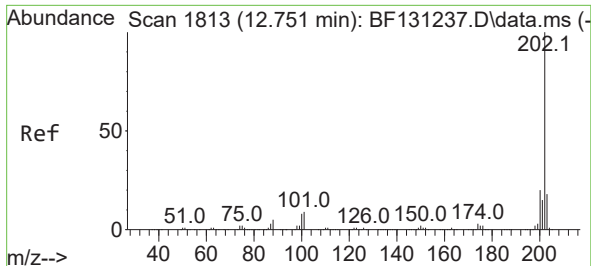


#74  
 Di-n-butylphthalate  
 Concen: 39.165 ng  
 RT: 12.092 min Scan# 1701  
 Delta R.T. -0.000 min  
 Lab File: BF131254.D  
 Acq: 16 Nov 2022 09:18



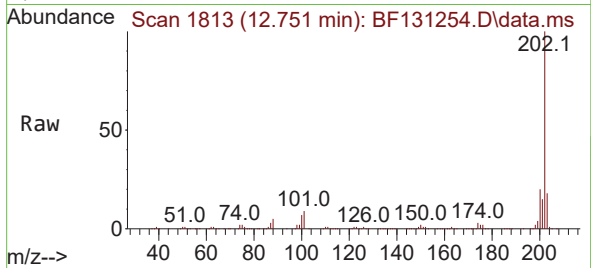
Tgt Ion:149 Resp: 771345  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.3 10.9  
 104 5.6 4.5 6.7





#75  
Fluoranthene  
Concen: 39.115 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

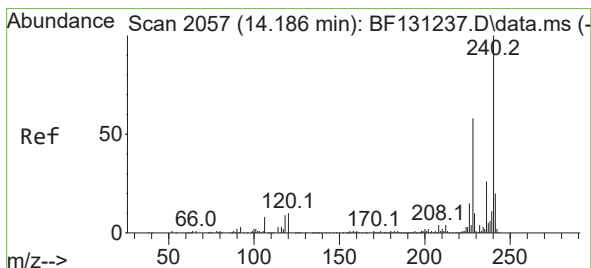
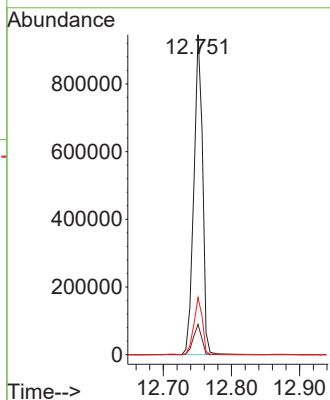
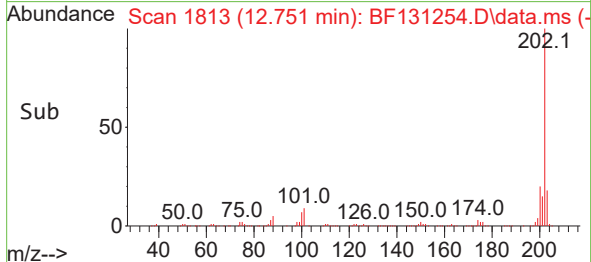
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



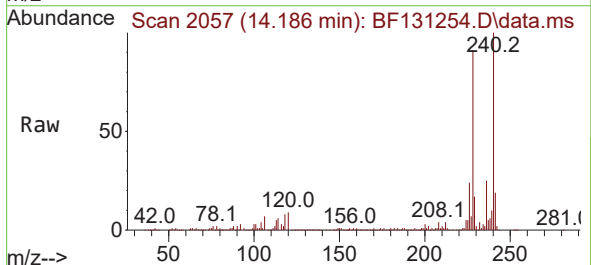
Tgt Ion:202 Resp: 83486  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 29.4  
203 17.9 0.0 37.7

Manual Integrations  
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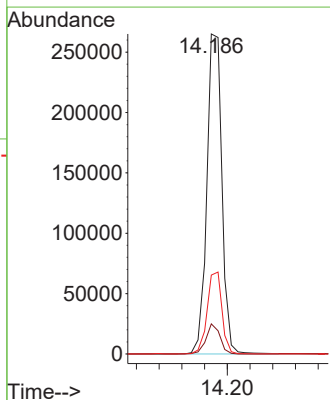
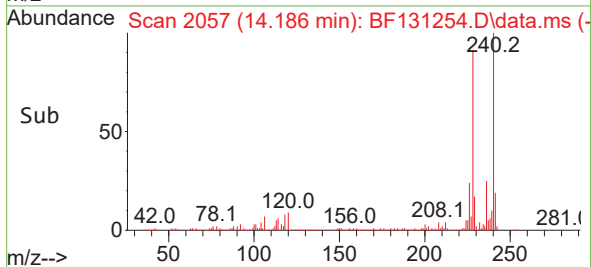
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

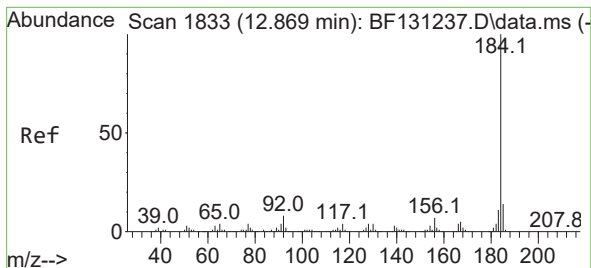


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.186 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



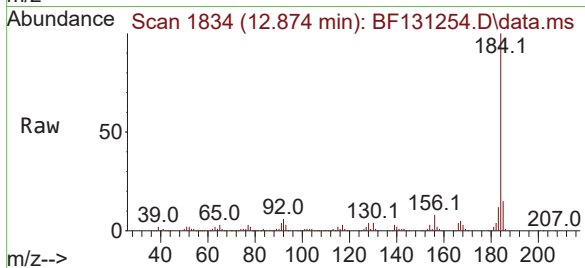
Tgt Ion:240 Resp: 243645  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.8 11.6  
236 24.6 20.6 31.0





#77  
Benzidine  
Concen: 48.068 ng  
RT: 12.874 min Scan# 1834  
Delta R.T. 0.005 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

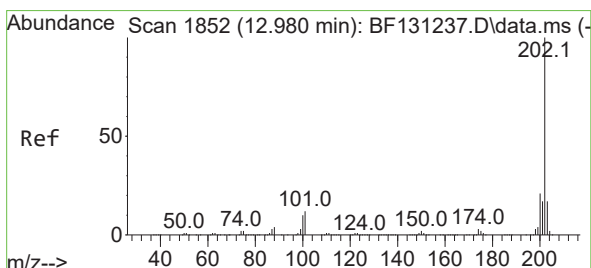
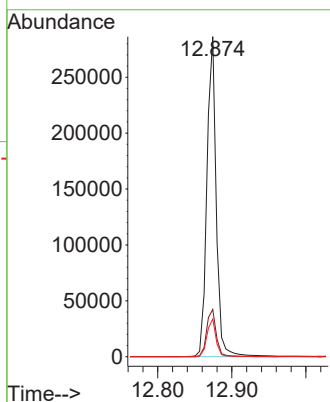
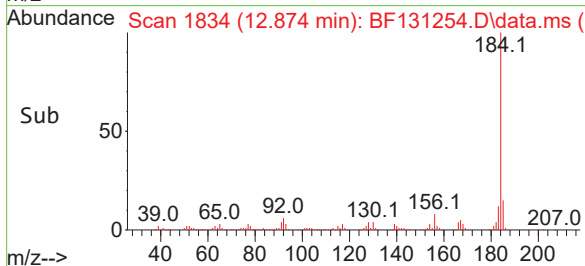
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



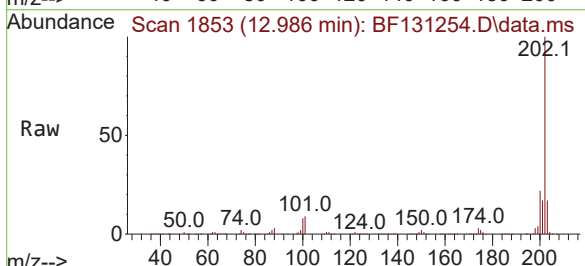
Tgt Ion:184 Resp: 250974  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.4 17.2  
183 11.8 9.0 13.4

Manual Integrations  
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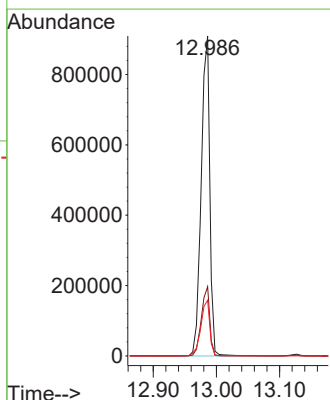
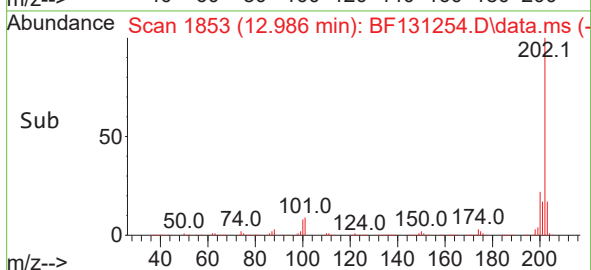
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

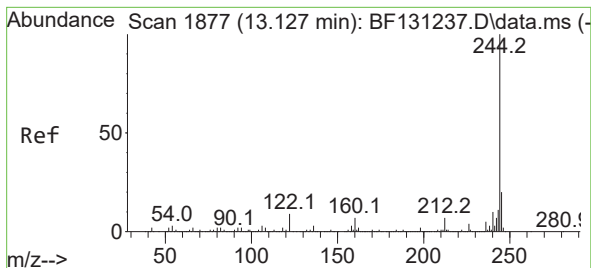


#78  
Pyrene  
Concen: 40.902 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:202 Resp: 859056  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.4 24.6  
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 80.750 ng

RT: 13.127 min Scan# 114566

Delta R.T. 0.000 min

Lab File: BF131254.D

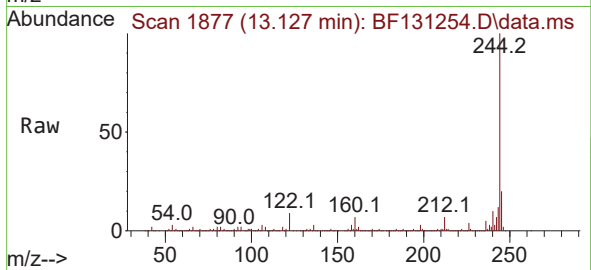
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion:244 Resp: 114566

Ion Ratio Lower Upper

244 100

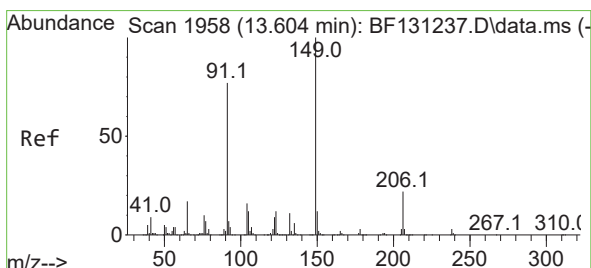
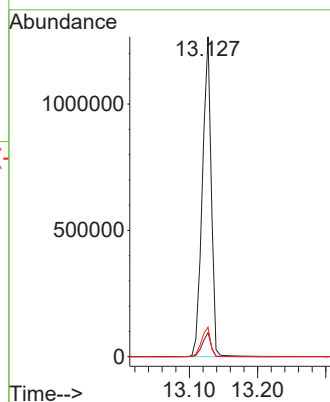
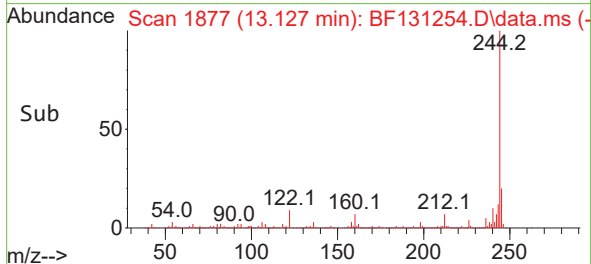
212 7.5 5.8 8.6

122 9.2 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#80

Butylbenzylphthalate

Concen: 44.075 ng

RT: 13.604 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BF131254.D

Acq: 16 Nov 2022 09:18

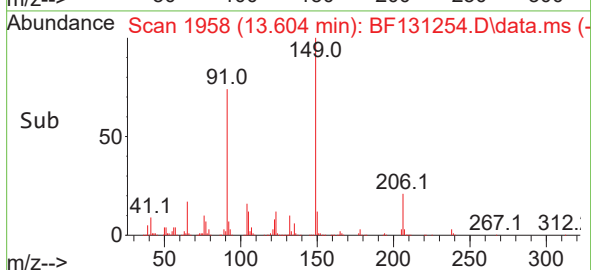
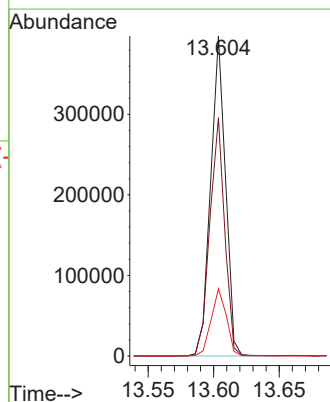
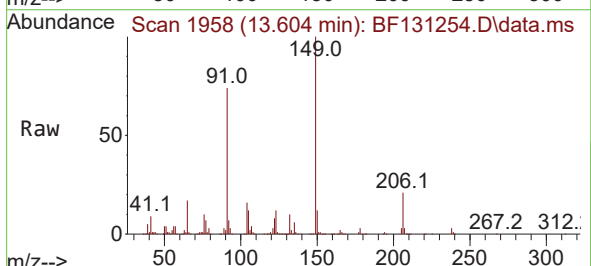
Tgt Ion:149 Resp: 313718

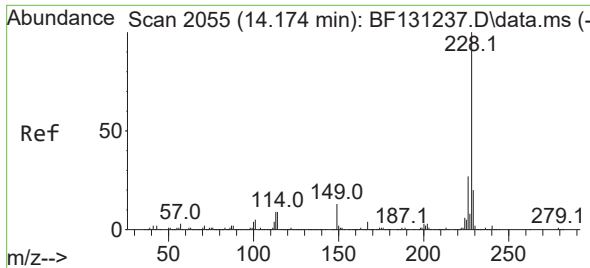
Ion Ratio Lower Upper

149 100

91 74.4 61.5 92.3

206 21.0 17.4 26.2





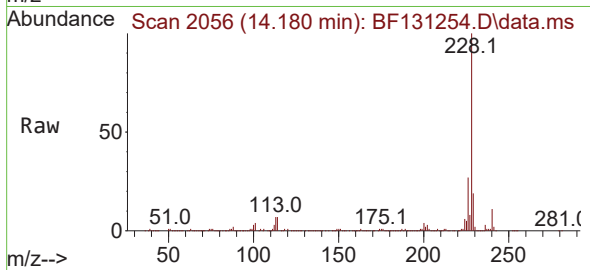
#81  
Benzo(a)anthracene  
Concen: 40.320 ng  
RT: 14.180 min Scan# 2055  
Delta R.T. 0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

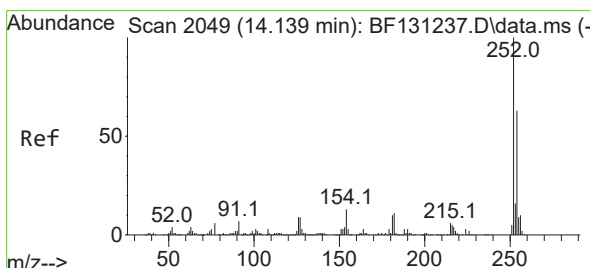
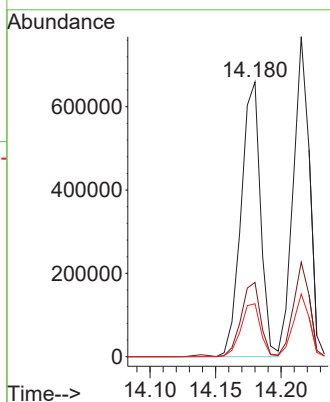
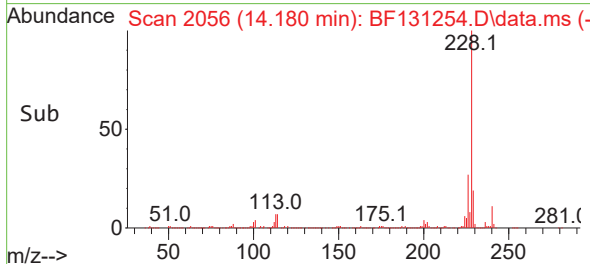


Tgt Ion:228 Resp: 682738  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.3 31.9  
229 19.3 15.8 23.6

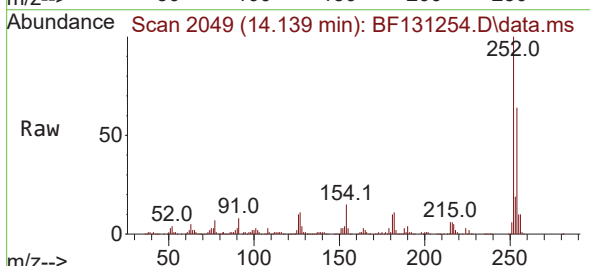
Manual Integrations

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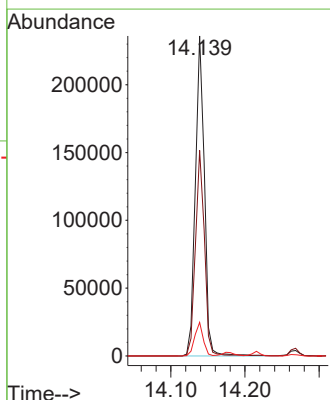
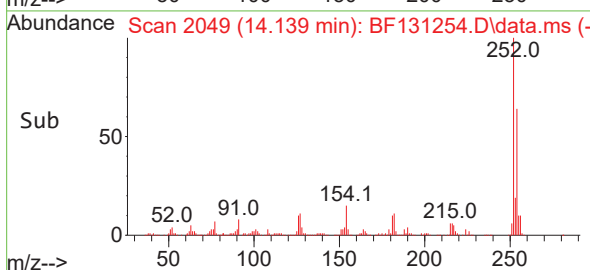
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

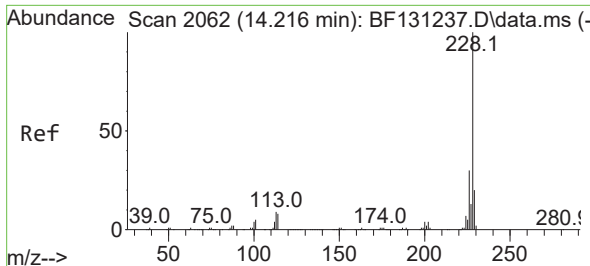


#82  
3,3'-Dichlorobenzidine  
Concen: 40.285 ng  
RT: 14.139 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



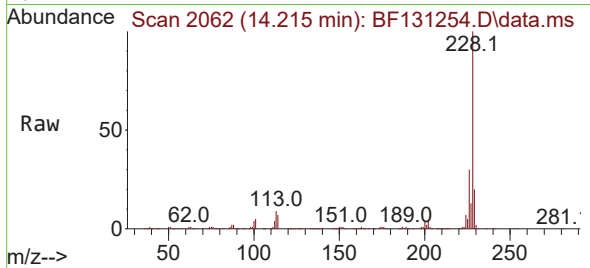
Tgt Ion:252 Resp: 199599  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.2 75.4  
126 10.5 7.4 11.2





#83  
Chrysene  
Concen: 39.975 ng  
RT: 14.215 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

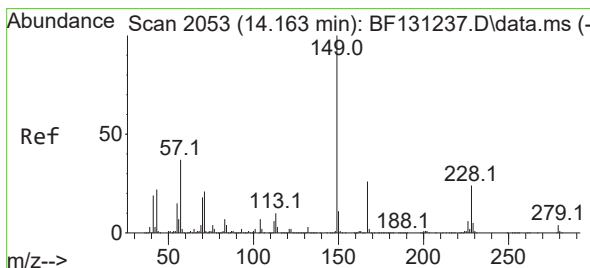
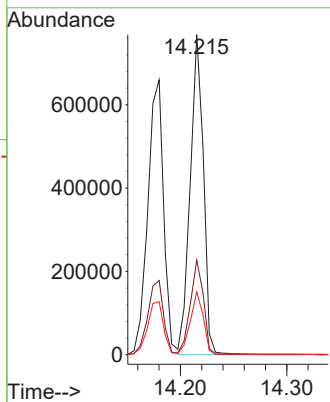
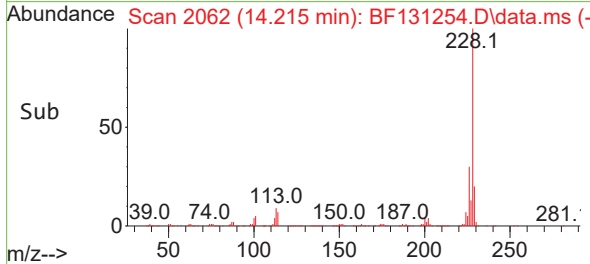
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



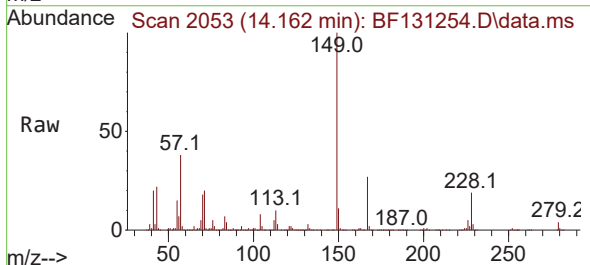
Tgt Ion:228 Resp: 659418  
Ion Ratio Lower Upper  
228 100  
226 29.5 23.8 35.6  
229 19.6 15.9 23.9

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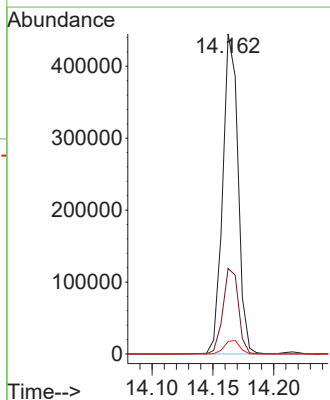
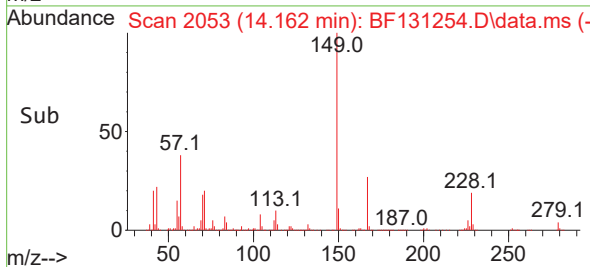
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

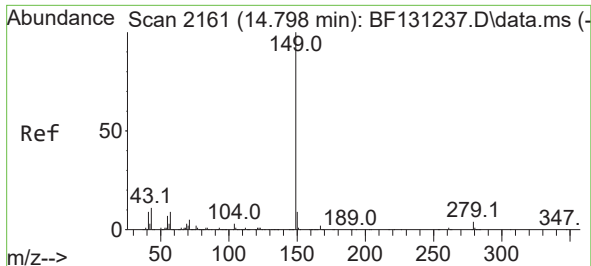


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.621 ng  
RT: 14.162 min Scan# 2053  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



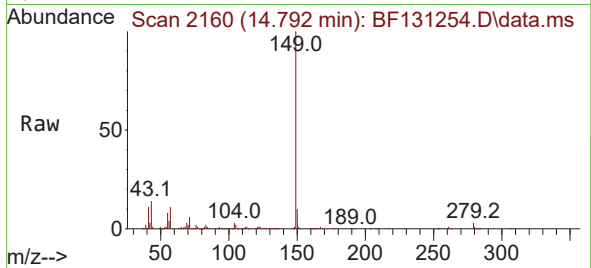
Tgt Ion:149 Resp: 390488  
Ion Ratio Lower Upper  
149 100  
167 26.7 20.9 31.3  
279 3.9 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 43.845 ng  
RT: 14.792 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

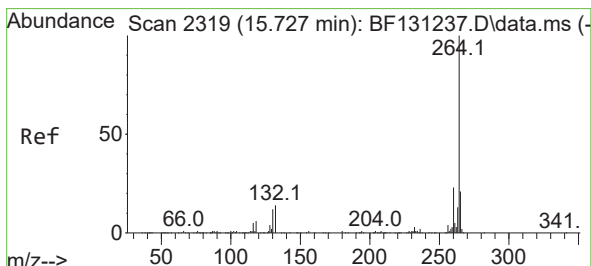
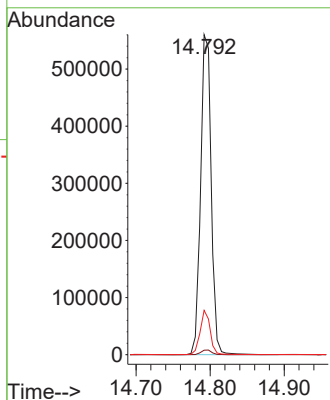
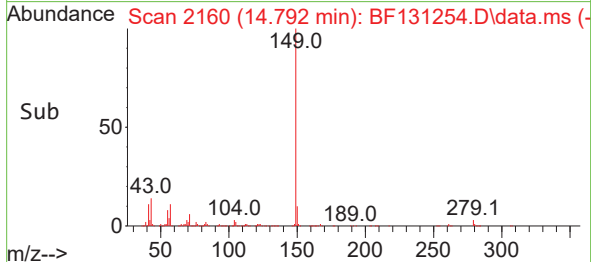
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



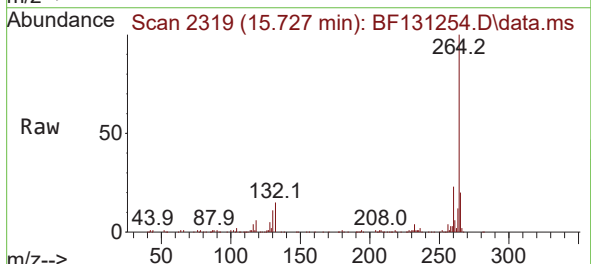
Tgt Ion:149 Resp: 55465  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 13.0 10.1 15.1

Manual Integrations  
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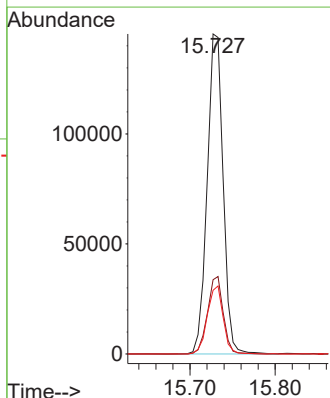
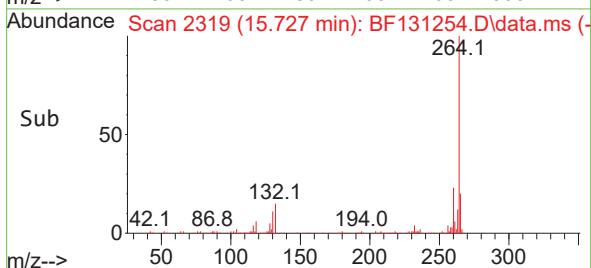
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

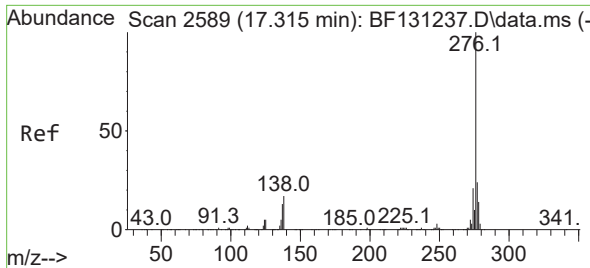


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.727 min Scan# 2319  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:264 Resp: 189120  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.6 27.8  
265 19.9 16.6 24.8





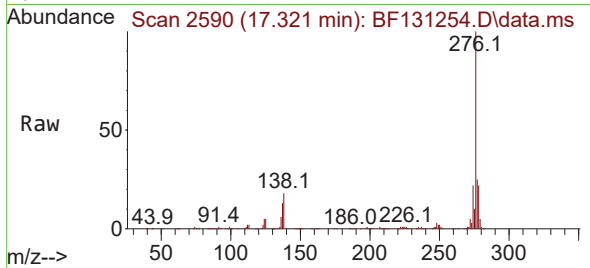
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.230 ng  
RT: 17.321 min Scan# 2590  
Delta R.T. 0.006 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

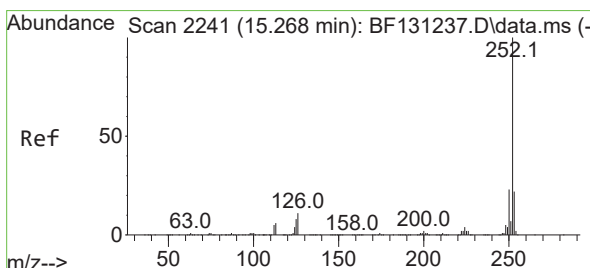
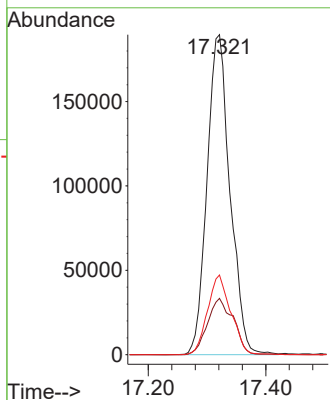
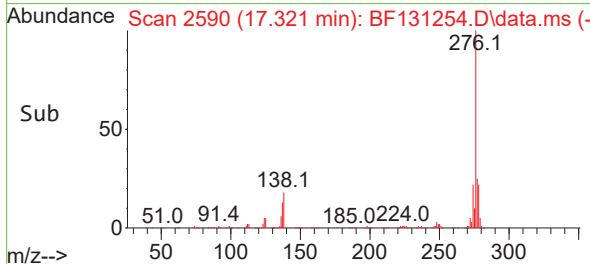


Tgt Ion:276 Resp: 515120  
Ion Ratio Lower Upper  
276 100  
138 19.8 16.6 24.8  
277 25.3 20.2 30.2

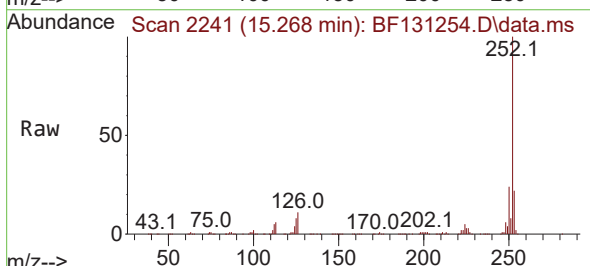
Manual Integrations

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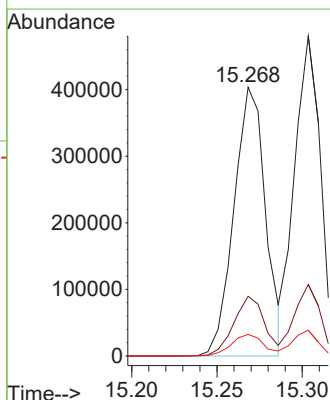
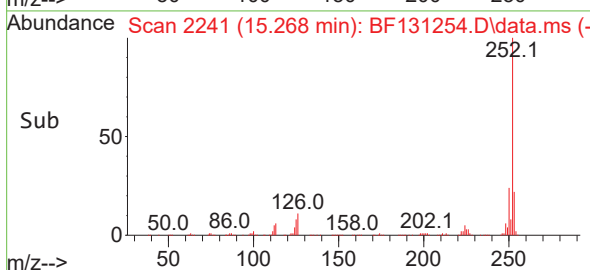
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

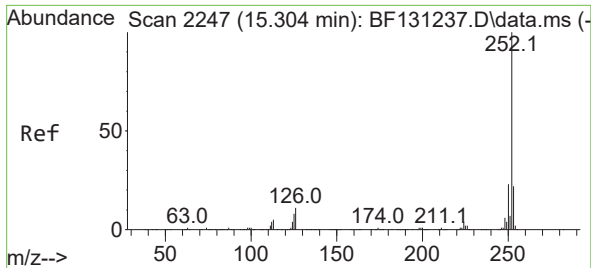


#88  
Benzo(b)fluoranthene  
Concen: 39.481 ng  
RT: 15.268 min Scan# 2241  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:252 Resp: 521319  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 8.0 6.6 9.8





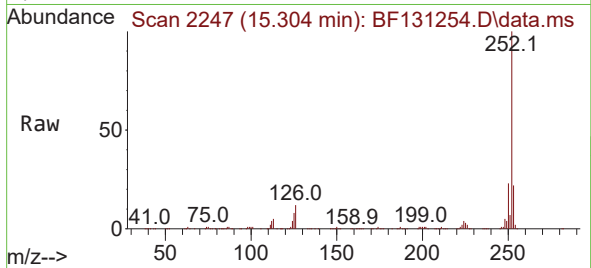
#89  
Benzo(k)fluoranthene  
Concen: 39.386 ng  
RT: 15.304 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

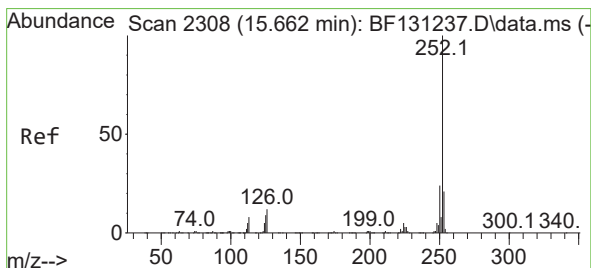
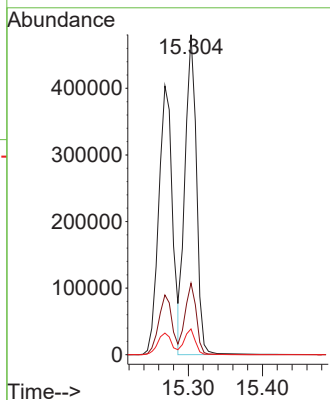
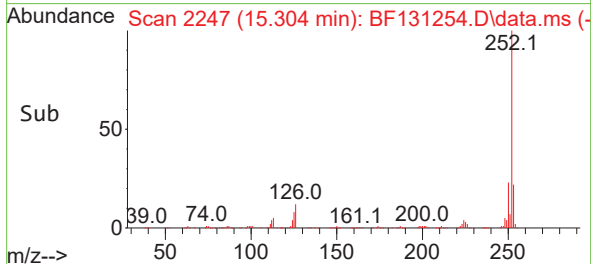


Tgt Ion:252 Resp: 51555  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 8.1 6.6 9.8

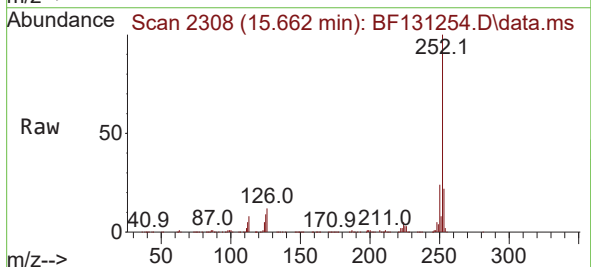
Manual Integrations

APPROVED

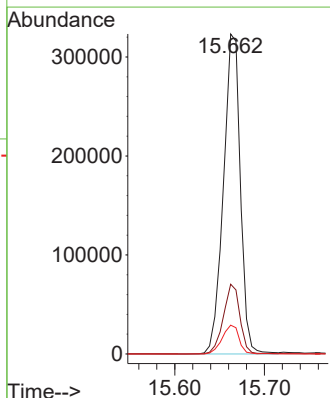
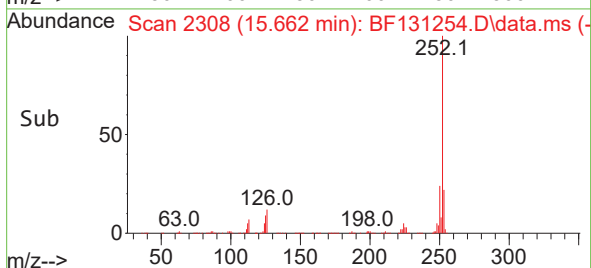
Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022

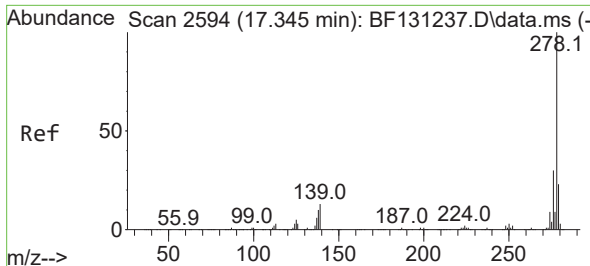


#90  
Benzo(a)pyrene  
Concen: 40.186 ng  
RT: 15.662 min Scan# 2308  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:252 Resp: 424161  
Ion Ratio Lower Upper  
252 100  
253 21.8 16.9 25.3  
125 9.0 7.0 10.4





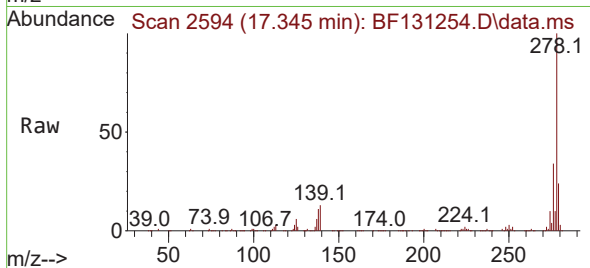
#91  
Dibenzo(a,h)anthracene  
Concen: 41.327 ng  
RT: 17.345 min Scan# 2594  
Delta R.T. -0.000 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

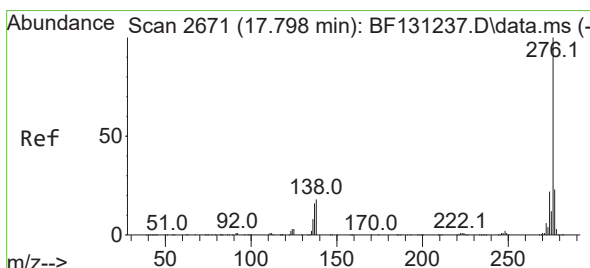
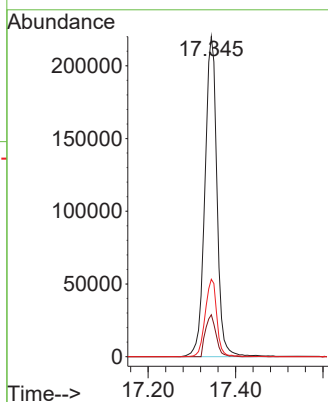
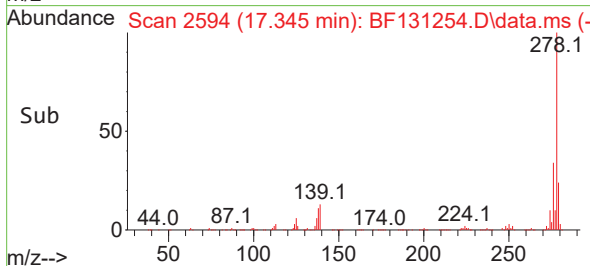


Tgt Ion:278 Resp: 42362  
Ion Ratio Lower Upper  
278 100  
139 13.1 10.1 15.1  
279 24.2 18.2 27.4

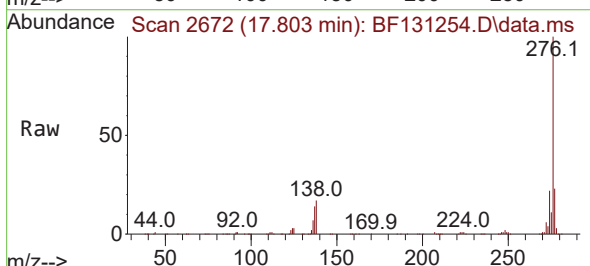
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022  
Supervised By :mohammad ahmed 11/17/2022



#92  
Benzo(g,h,i)perylene  
Concen: 36.925 ng  
RT: 17.803 min Scan# 2672  
Delta R.T. 0.005 min  
Lab File: BF131254.D  
Acq: 16 Nov 2022 09:18



Tgt Ion:276 Resp: 413439  
Ion Ratio Lower Upper  
276 100  
277 23.0 18.6 27.8  
138 16.8 14.5 21.7

