

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071923\  
 Data File : BF134355.D  
 Acq On : 19 Jul 2023 13:01  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 19 13:57:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 14 22:51:27 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023  
 Supervised By :mohammad ahmed 07/20/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.840  | 152  | 72147    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 261643   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 134896   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 265144   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 186886   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 165841   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 342467   | 79.403 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 418488   | 78.898 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 415678   | 85.641 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 155331   | 91.840 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 802603   | 86.504 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 896489   | 77.204 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.616  | 88   | 73772    | 41.482 | ng    | 99       |
| 3) Pyridine                   | 3.404  | 79   | 182858   | 39.475 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 101925   | 38.525 | ng    | 97       |
| 6) Aniline                    | 6.510  | 93   | 249221   | 38.612 | ng    | 91       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 176003   | 40.199 | ng    | 97       |
| 9) Benzaldehyde               | 6.398  | 77   | 118162   | 40.741 | ng    | 95       |
| 10) Phenol                    | 6.498  | 94   | 219241   | 39.312 | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 156546   | 38.127 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 188692   | 40.425 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 189858   | 40.270 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 179618   | 40.680 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.987  | 79   | 174005   | 42.554 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 230677   | 31.757 | ng    | 88       |
| 17) 2-Methylphenol            | 7.098  | 107  | 152535   | 38.906 | ng    | 96       |
| 18) Hexachloroethane          | 7.345  | 117  | 72613    | 41.537 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 132877   | 39.503 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 198272   | 41.686 | ng    | 93       |
| 22) Acetophenone              | 7.251  | 105  | 255537   | 42.944 | ng    | 98       |
| 24) Nitrobenzene              | 7.428  | 77   | 200336   | 40.845 | ng    | 95       |
| 25) Isophorone                | 7.663  | 82   | 352165   | 39.922 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 98344    | 41.796 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 149529   | 40.147 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 197667   | 38.699 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.987  | 162  | 149958   | 40.603 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 161130   | 42.282 | ng    | 98       |
| 31) Naphthalene               | 8.145  | 128  | 514023   | 40.672 | ng    | 99       |
| 32) Benzoic acid              | 7.916  | 122  | 102620m  | 36.770 | ng    |          |
| 33) 4-Chloroaniline           | 8.198  | 127  | 219897   | 40.675 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 109744   | 45.652 | ng    | 98       |
| 35) Caprolactam               | 8.581  | 113  | 45032    | 37.031 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.681  | 107  | 173184   | 41.741 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.834  | 142  | 365069   | 40.848 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.934  | 142  | 337809   | 40.659 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 170336   | 42.621 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.981  | 237  | 82588    | 43.559 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 108905   | 40.030 | ng    | 99       |

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Manual Integrations  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 126849   | 39.638 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 441280   | 40.780 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.328  | 162  | 317967   | 40.161 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 115331   | 39.970 | ng    | 98       |
| 49) Acenaphthylene            | 9.745  | 152  | 537857   | 39.769 | ng    | 98       |
| 50) Dimethylphthalate         | 9.604  | 163  | 394119   | 40.249 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 86375    | 40.954 | ng    | 97       |
| 52) Acenaphthene              | 9.916  | 154  | 319473   | 40.709 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 95946    | 37.921 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 46615    | 40.287 | ng    | 93       |
| 55) Dibenzofuran              | 10.086 | 168  | 489397   | 39.903 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 57316    | 32.385 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.081 | 165  | 115215   | 41.365 | ng    | 86       |
| 58) Fluorene                  | 10.433 | 166  | 390999   | 40.977 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 99120    | 39.266 | ng    | 99       |
| 60) Diethylphthalate          | 10.304 | 149  | 415212   | 40.700 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 192675   | 41.901 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.463 | 138  | 97877    | 38.385 | ng    | 88       |
| 63) Azobenzene                | 10.586 | 77   | 376487   | 39.014 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 62841    | 43.472 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 340118   | 40.149 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 120831   | 42.876 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 128810   | 43.048 | ng    | 91       |
| 69) Atrazine                  | 11.075 | 200  | 95748    | 40.861 | ng    | 97       |
| 70) Pentachlorophenol         | 11.180 | 266  | 60293    | 33.700 | ng    | 96       |
| 71) Phenanthrene              | 11.404 | 178  | 539058   | 40.386 | ng    | 99       |
| 72) Anthracene                | 11.457 | 178  | 559349   | 40.290 | ng    | 100      |
| 73) Carbazole                 | 11.610 | 167  | 511909   | 40.284 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.939 | 149  | 632388   | 41.848 | ng    | 100      |
| 75) Fluoranthene              | 12.598 | 202  | 604408   | 41.885 | ng    | 97       |
| 77) Benzidine                 | 12.722 | 184  | 171120   | 38.481 | ng    | 99       |
| 78) Pyrene                    | 12.827 | 202  | 642712   | 36.954 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.445 | 149  | 257138   | 39.421 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 515031   | 39.737 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 163249   | 39.756 | ng    | 98       |
| 83) Chrysene                  | 14.068 | 228  | 489153   | 38.966 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 327459   | 43.689 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 479026   | 43.496 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.104 | 276  | 435536   | 37.847 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 406782   | 41.714 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 391740m  | 39.456 | ng    |          |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 373115   | 39.568 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 17.115 | 278  | 357758   | 38.062 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.574 | 276  | 351581   | 36.272 | ng    | # 96     |

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

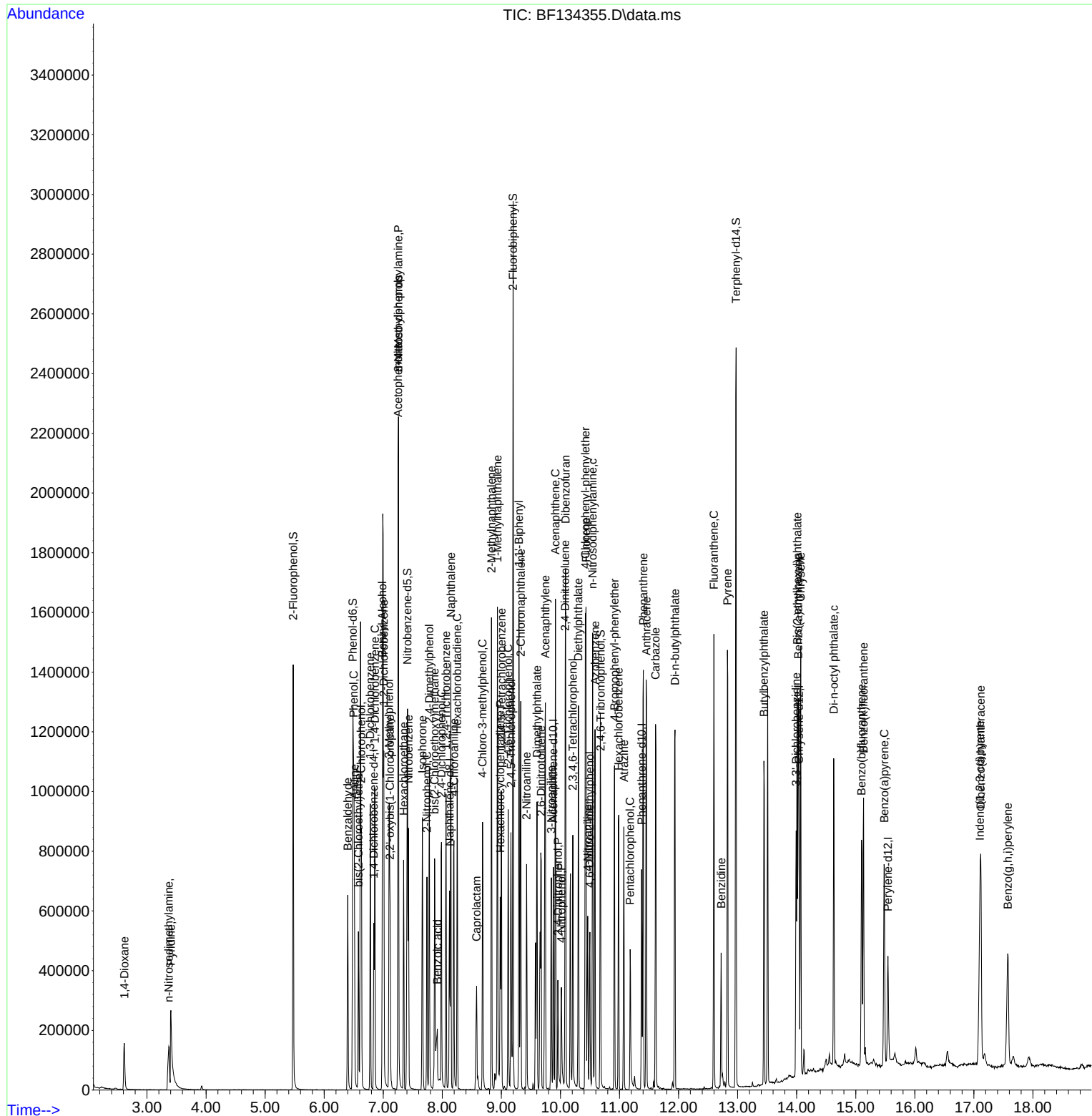
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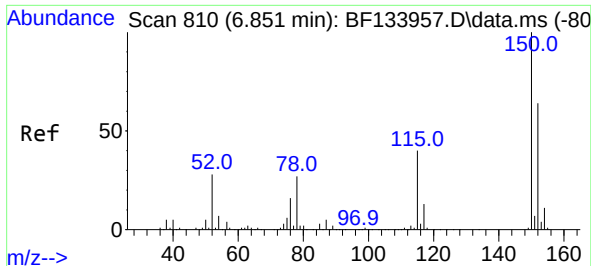
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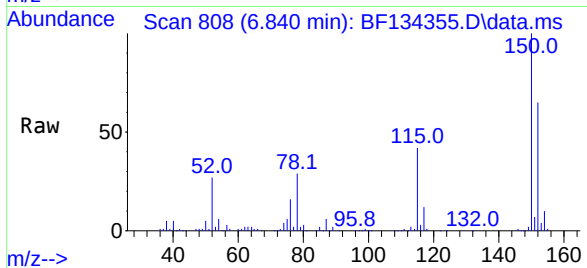
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 80  
Delta R.T. -0.005 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

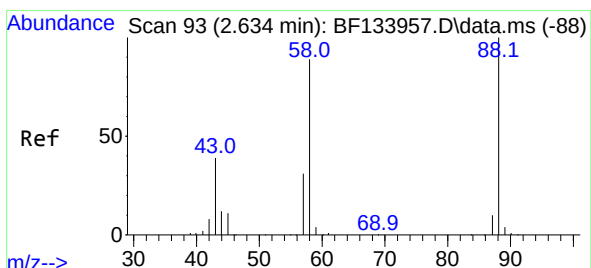
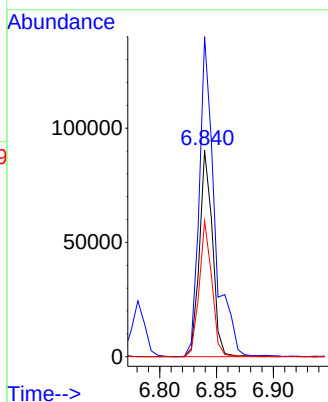
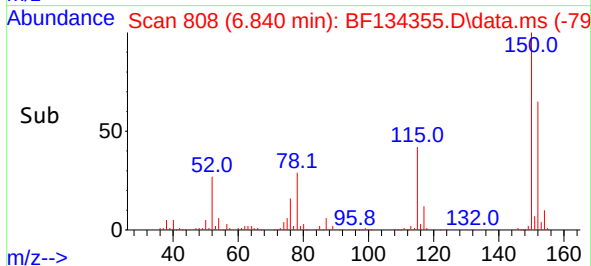


Tgt Ion:152 Resp: 7214  
Ion Ratio Lower Upper  
152 100  
150 155.0 124.5 186.7  
115 65.7 50.2 75.2

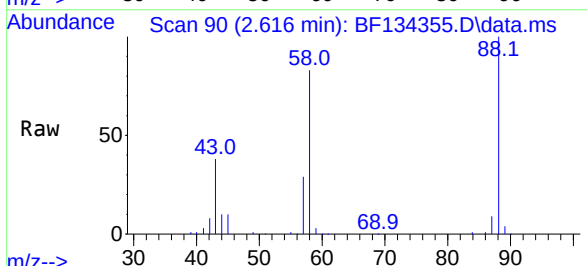
Manual Integrations

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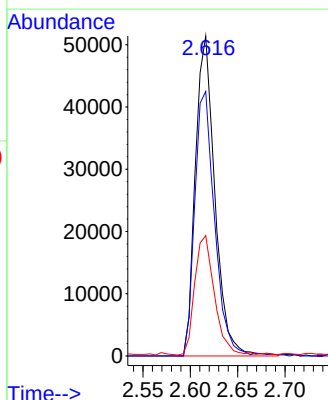
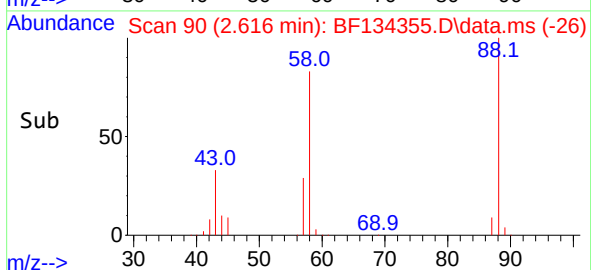
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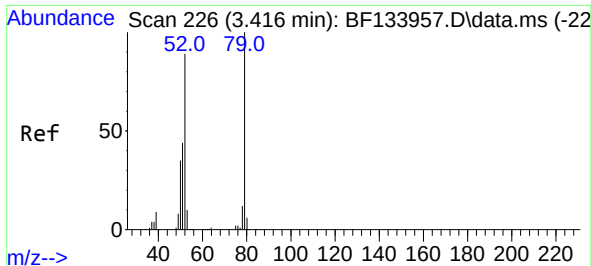


#2  
1,4-Dioxane  
Concen: 41.482 ng  
RT: 2.616 min Scan# 90  
Delta R.T. 0.024 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



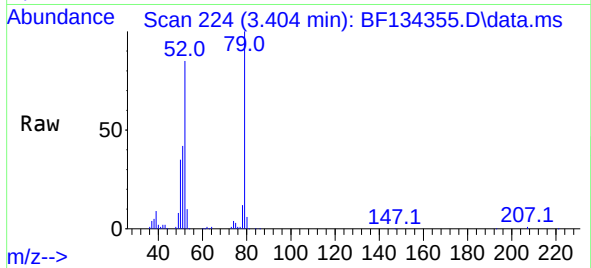
Tgt Ion: 88 Resp: 73772  
Ion Ratio Lower Upper  
88 100  
58 84.6 68.8 103.2  
43 37.9 30.7 46.1





#3  
Pyridine  
Concen: 39.475 ng  
RT: 3.404 min Scan# 218  
Delta R.T. 0.024 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

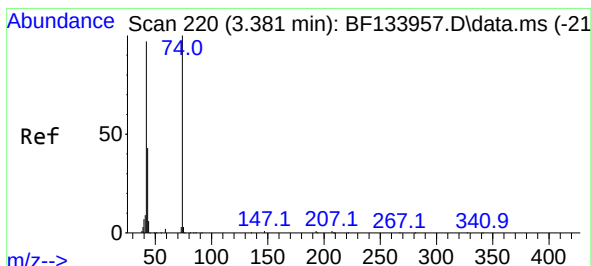
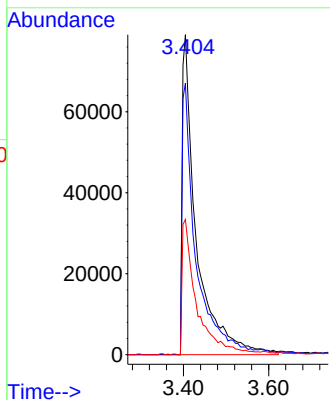
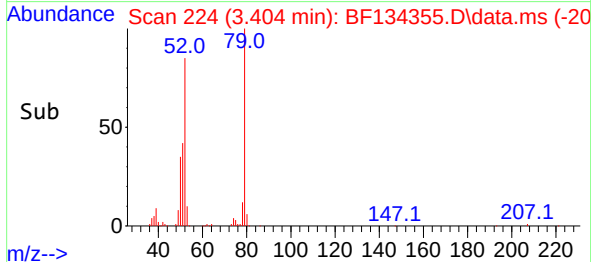
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



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Ion Ratio Lower Upper  
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52 84.8 71.1 106.7  
51 42.2 35.2 52.8

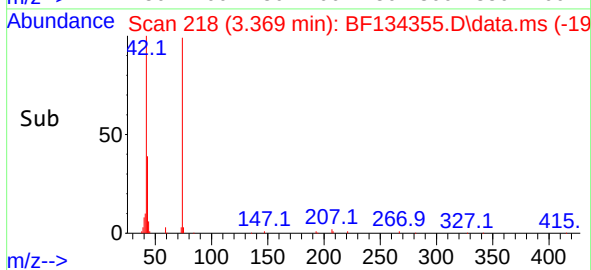
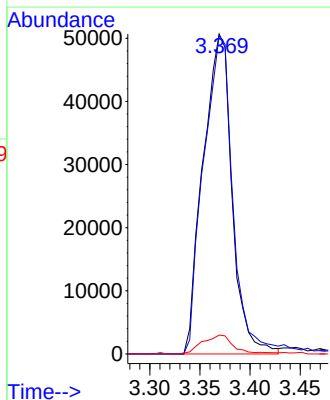
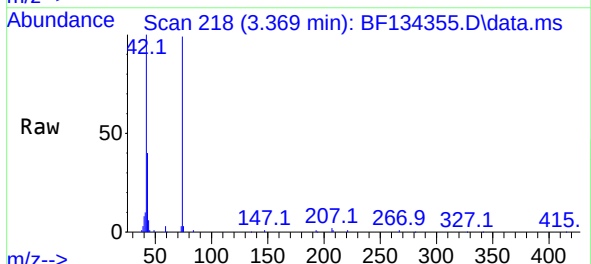
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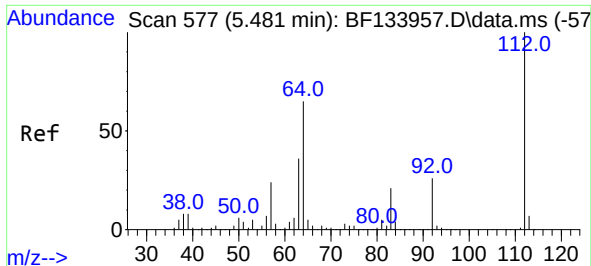
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#4  
n-Nitrosodimethylamine  
Concen: 38.525 ng  
RT: 3.369 min Scan# 218  
Delta R.T. 0.030 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion: 42 Resp: 101925  
Ion Ratio Lower Upper  
42 100  
74 99.5 82.4 123.6  
44 5.9 4.9 7.3





#5  
2-Fluorophenol  
Concen: 79.403 ng  
RT: 5.475 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

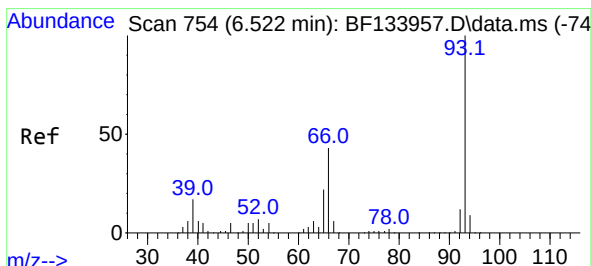
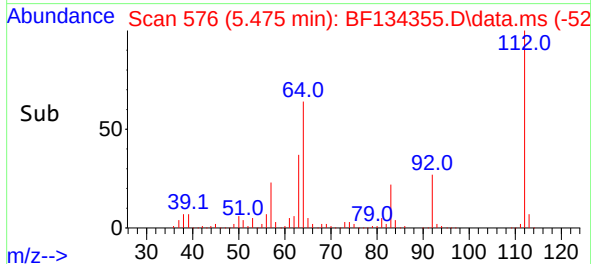
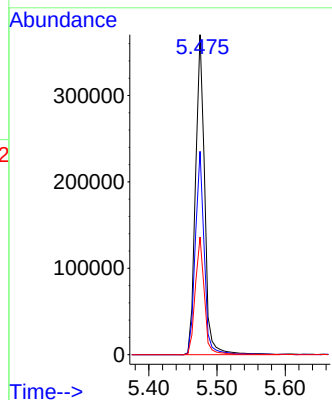
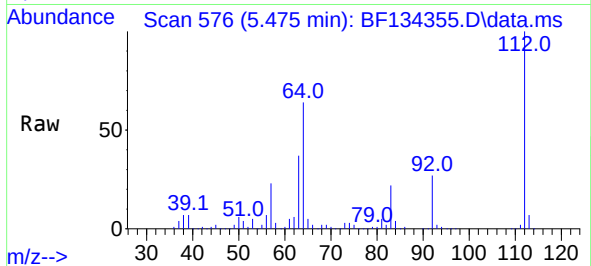
SSTDCCC040

Tgt Ion:112 Resp: 34246  
Ion Ratio Lower Upper  
112 100  
64 63.5 52.1 78.1  
63 36.7 28.6 42.8

Manual Integrations

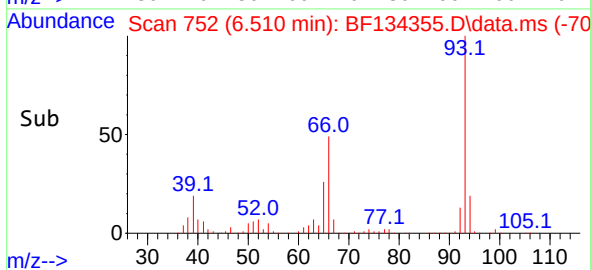
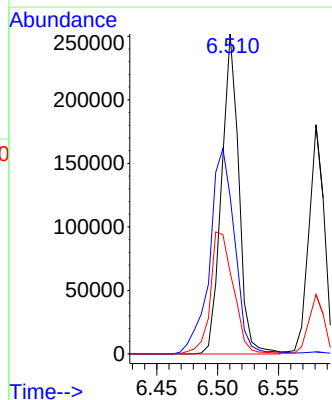
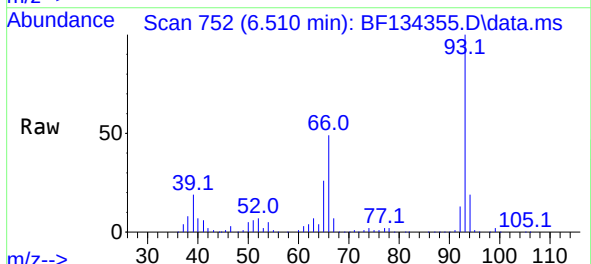
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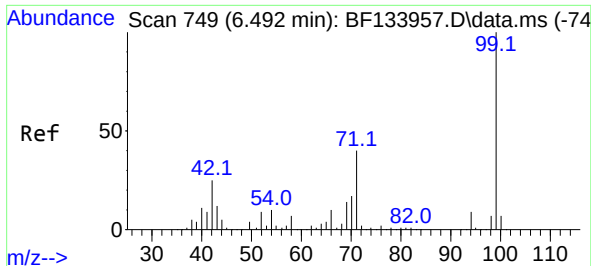
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#6  
Aniline  
Concen: 38.612 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

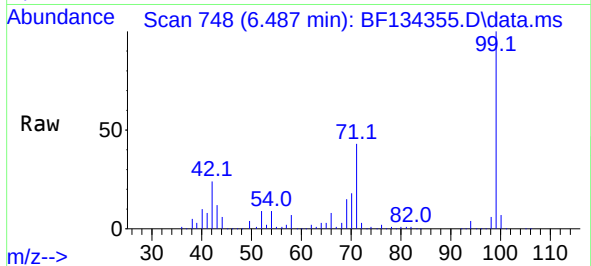
Tgt Ion: 93 Resp: 249221  
Ion Ratio Lower Upper  
93 100  
66 49.2 34.5 51.7  
65 25.5 17.8 26.6





#7  
Phenol-d6  
Concen: 78.898 ng  
RT: 6.487 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
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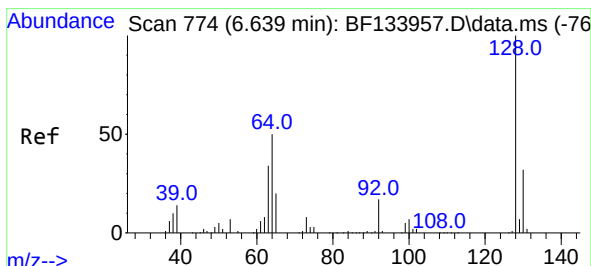
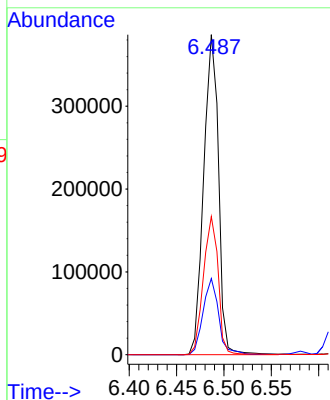
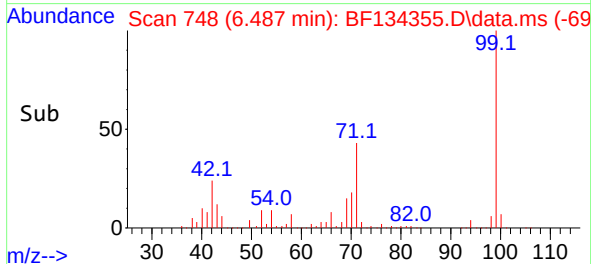
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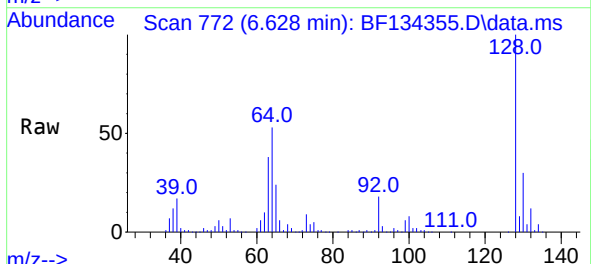
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71 43.2 31.9 47.9

Manual Integrations  
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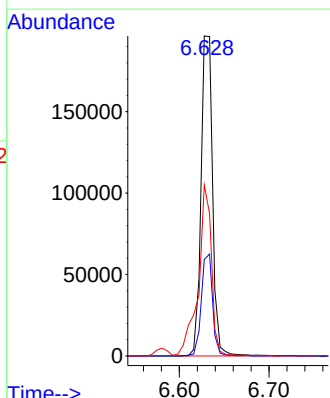
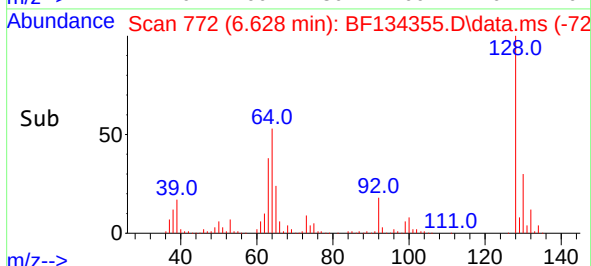
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

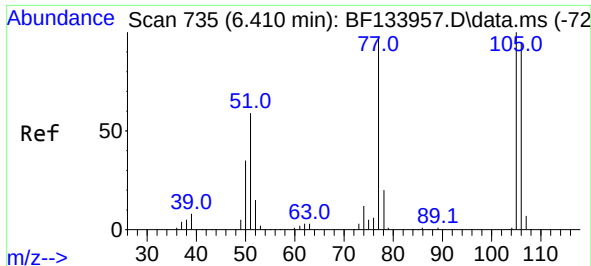


#8  
2-Chlorophenol  
Concen: 40.199 ng  
RT: 6.628 min Scan# 772  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:128 Resp: 176003  
Ion Ratio Lower Upper  
128 100  
130 30.2 11.7 51.7  
64 53.5 31.3 71.3





#9  
Benzaldehyde  
Concen: 40.741 ng  
RT: 6.398 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

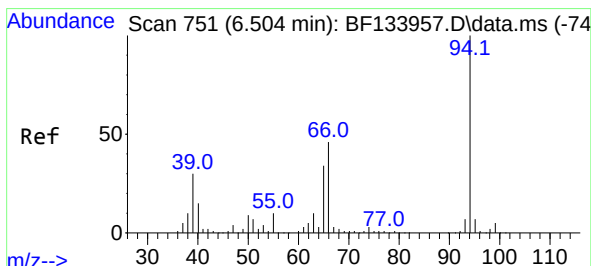
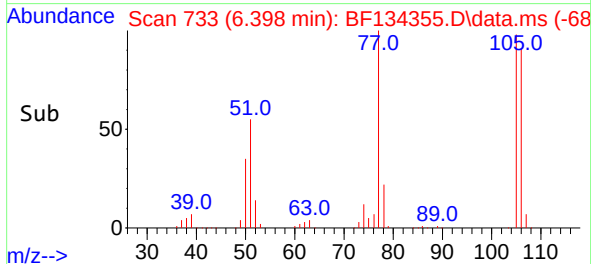
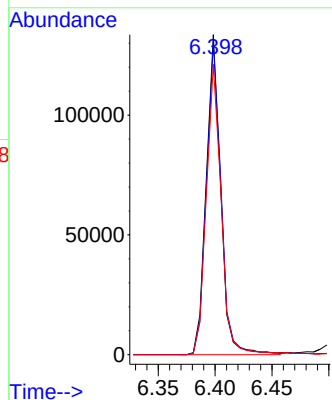
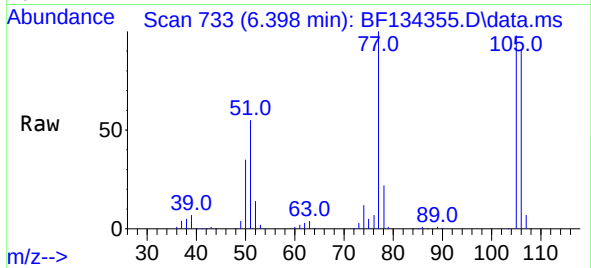
SSTDCCC040

Tgt Ion: 77 Resp: 11816  
Ion Ratio Lower Upper  
77 100  
105 97.6 82.0 122.0  
106 90.7 76.9 116.9

Manual Integrations

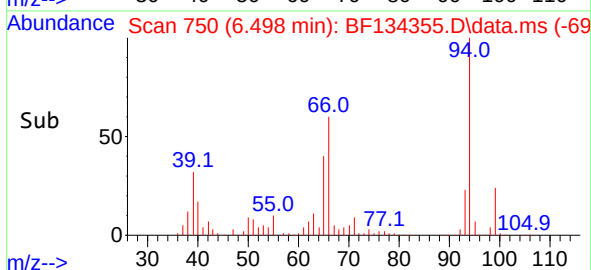
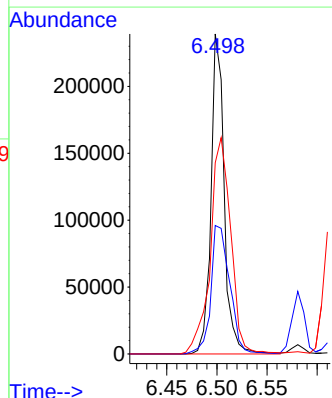
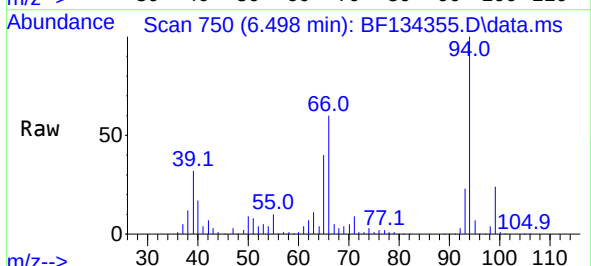
APPROVED

Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

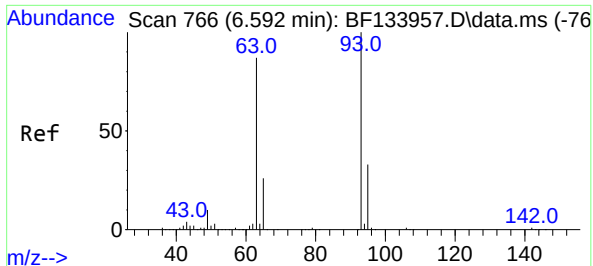


#10  
Phenol  
Concen: 39.312 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion: 94 Resp: 219241  
Ion Ratio Lower Upper  
94 100  
65 40.2 14.2 54.2  
66 59.8 26.4 66.4







#11  
bis(2-Chloroethyl)ether  
Concen: 38.127 ng  
RT: 6.581 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

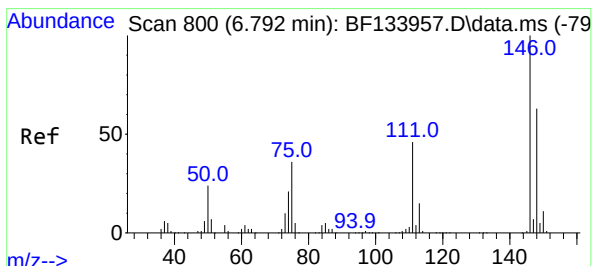
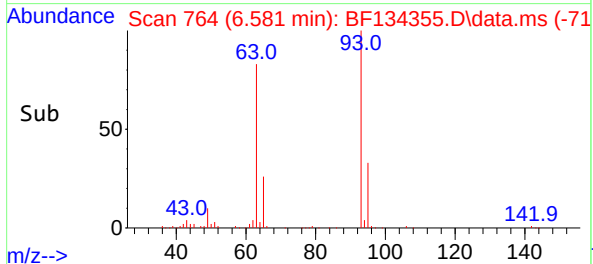
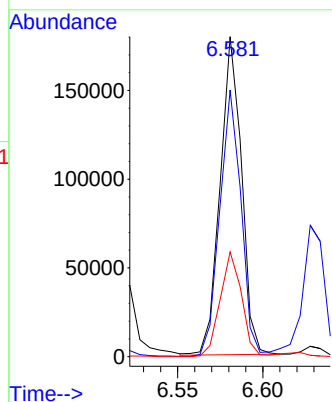
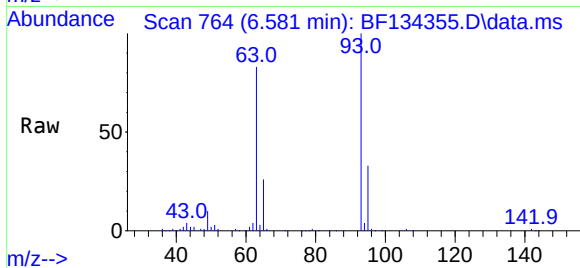
SSTDCCC040

Tgt Ion: 93 Resp: 156540  
Ion Ratio Lower Upper  
93 100  
63 83.3 66.5 106.5  
95 32.7 12.9 52.9

Manual Integrations

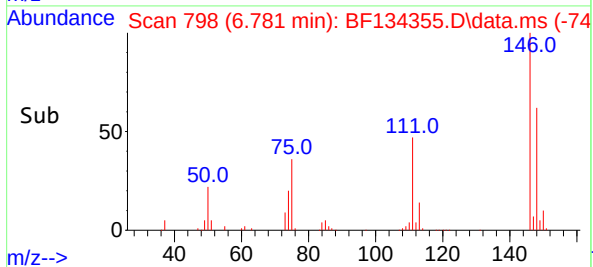
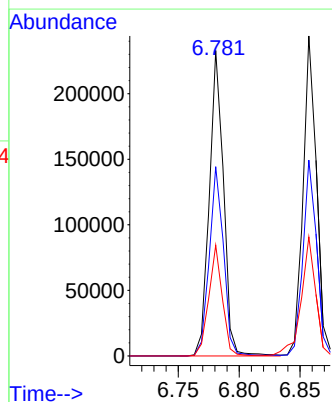
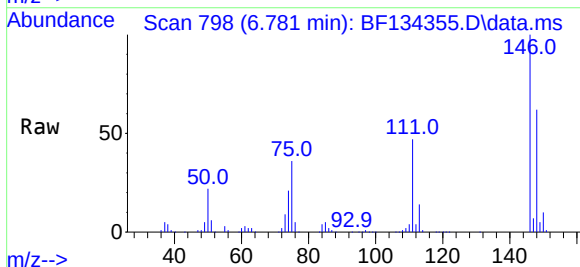
APPROVED

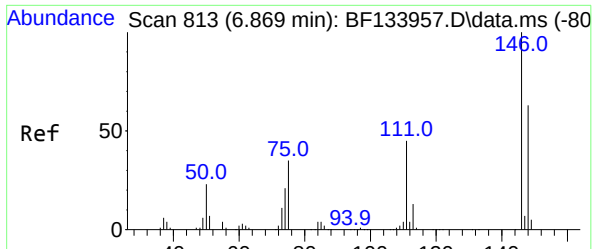
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#12  
1,3-Dichlorobenzene  
Concen: 40.425 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:146 Resp: 188692  
Ion Ratio Lower Upper  
146 100  
148 62.0 50.5 75.7  
75 36.3 29.0 43.6





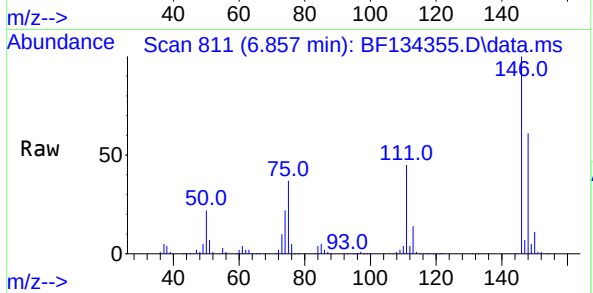
#13  
1,4-Dichlorobenzene  
Concen: 40.270 ng  
RT: 6.857 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

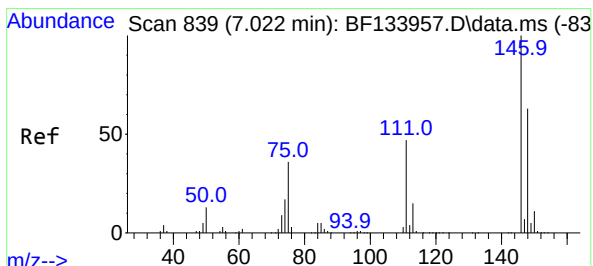
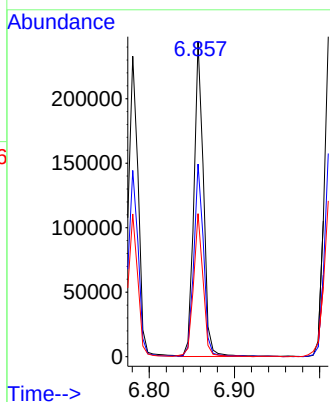
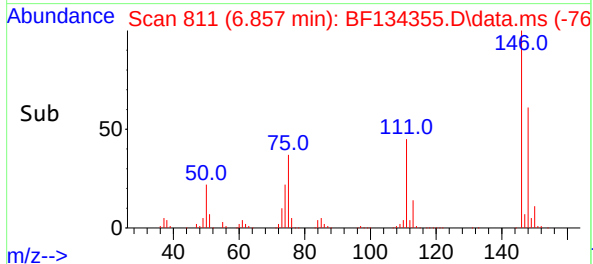


Tgt Ion:146 Resp: 189858  
Ion Ratio Lower Upper  
146 100  
148 61.2 50.2 75.2  
111 45.4 35.8 53.6

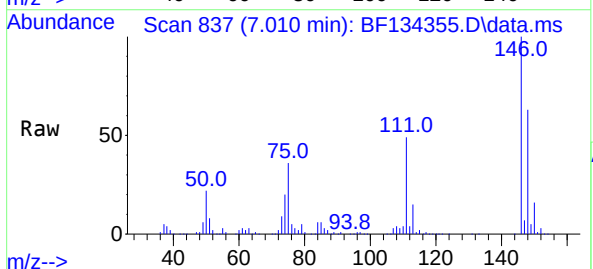
Manual Integrations

APPROVED

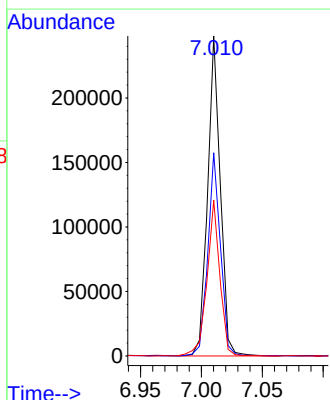
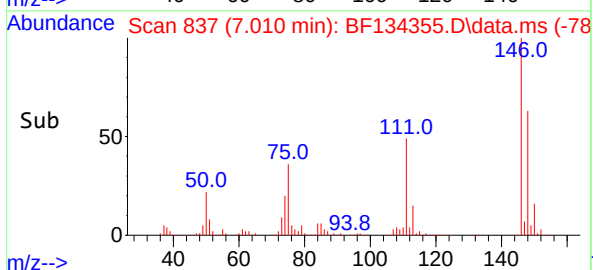
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

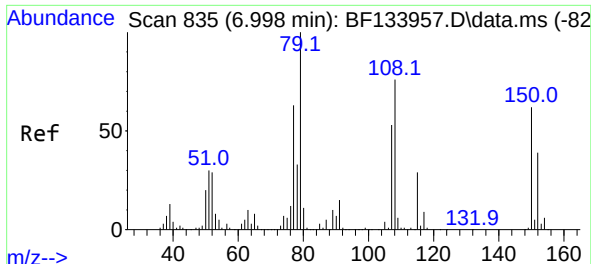


#14  
1,2-Dichlorobenzene  
Concen: 40.680 ng  
RT: 7.010 min Scan# 837  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:146 Resp: 179618  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.6 76.0  
111 48.7 38.0 57.0





#15  
Benzyl Alcohol  
Concen: 42.554 ng  
RT: 6.987 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

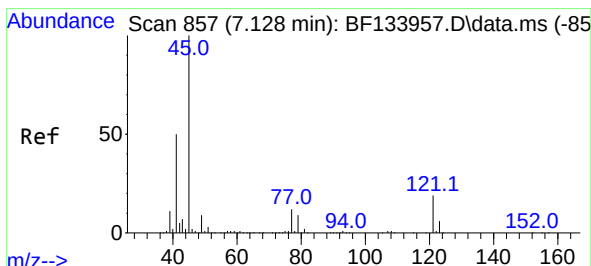
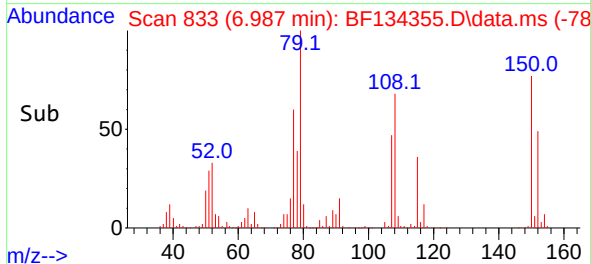
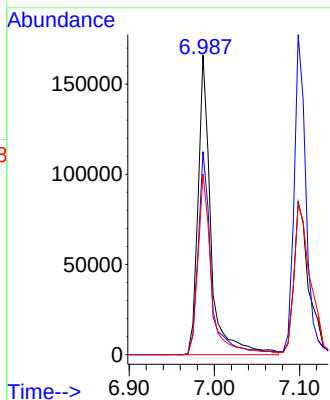
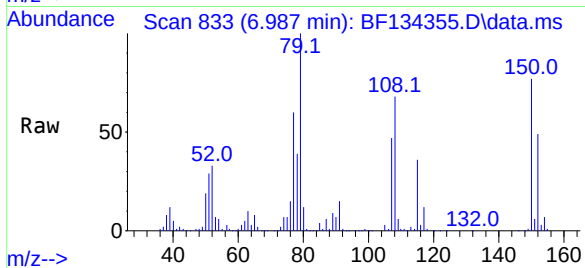
SSTDCCC040

Tgt Ion: 79 Resp: 174000  
Ion Ratio Lower Upper  
79 100  
108 67.8 60.7 91.1  
77 60.3 50.6 75.8

Manual Integrations

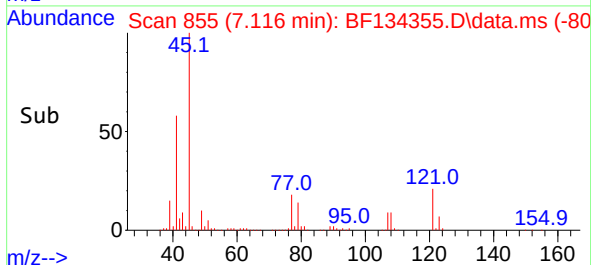
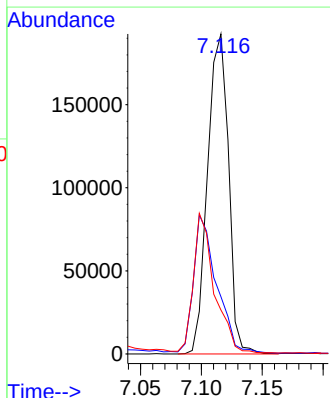
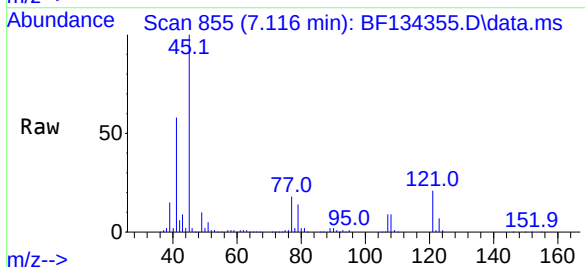
APPROVED

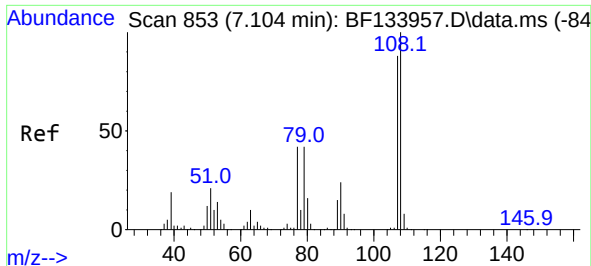
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.757 ng  
RT: 7.116 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion: 45 Resp: 230677  
Ion Ratio Lower Upper  
45 100  
77 17.9 0.0 32.9  
79 13.7 0.0 29.5





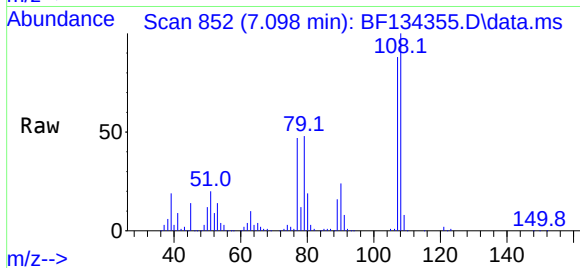
#17  
2-Methylphenol  
Concen: 38.906 ng  
RT: 7.098 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

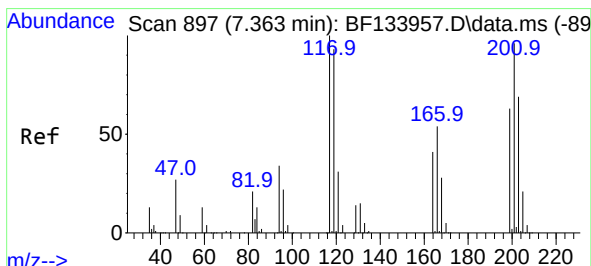
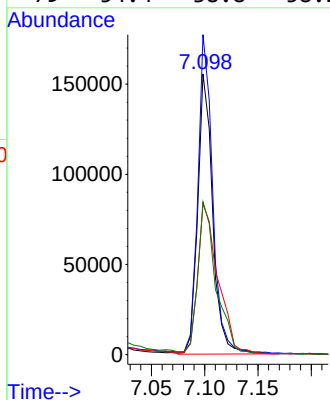
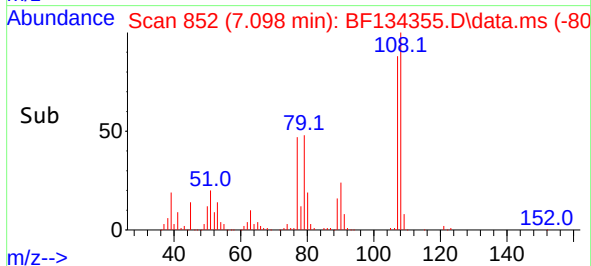


Tgt Ion:107 Resp: 15253  
Ion Ratio Lower Upper  
107 100  
108 113.9 90.6 136.0  
77 53.7 38.3 57.5  
79 54.4 38.8 58.2

Manual Integrations

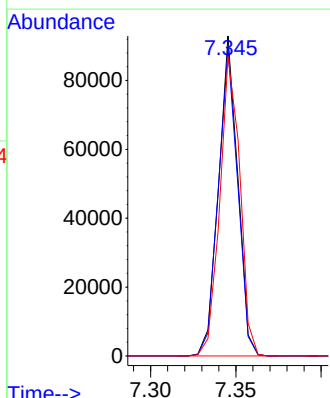
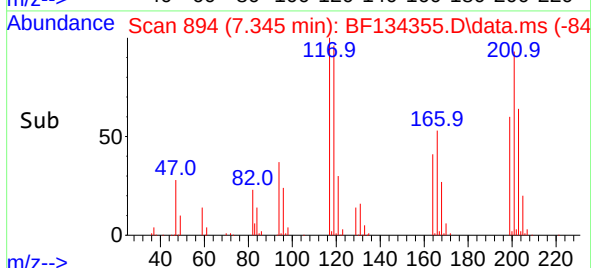
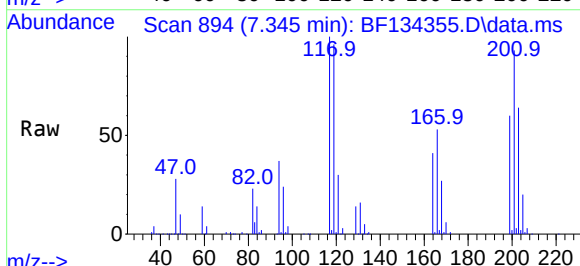
APPROVED

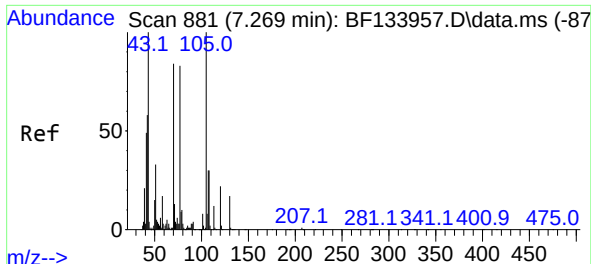
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#18  
Hexachloroethane  
Concen: 41.537 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:117 Resp: 72613  
Ion Ratio Lower Upper  
117 100  
119 96.3 74.2 111.4  
201 93.5 77.2 115.8





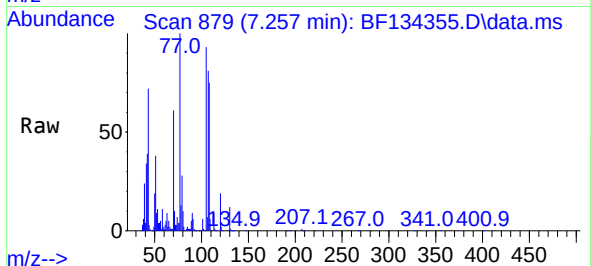
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.503 ng  
RT: 7.257 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



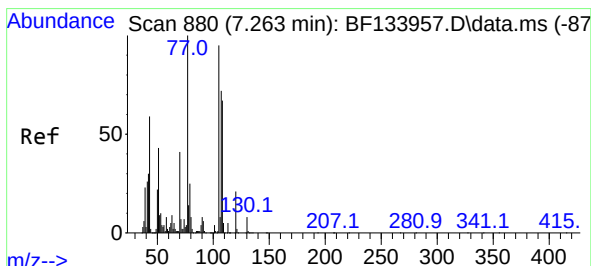
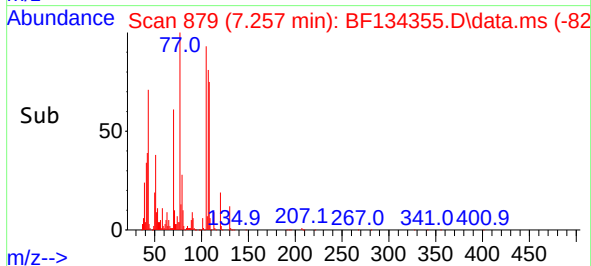
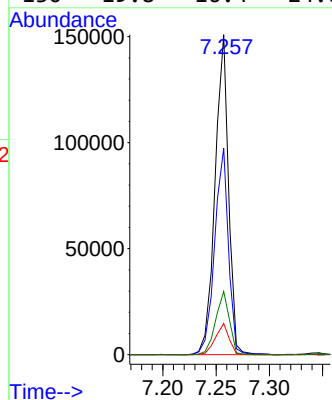
Tgt Ion: 70 Resp: 13287  
Ion Ratio Lower Upper  
70 100  
42 64.5 54.7 82.1  
101 9.7 7.7 11.5  
130 19.8 16.4 24.6

Manual Integrations

APPROVED

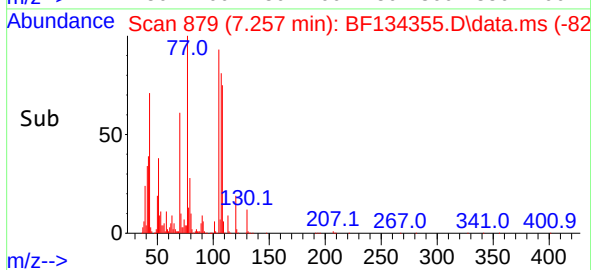
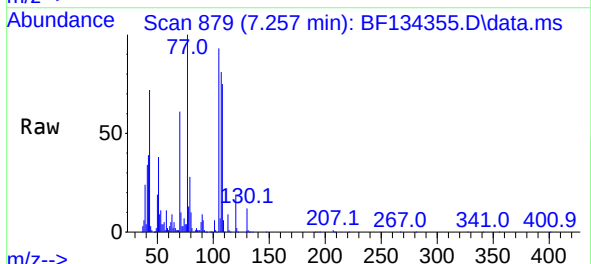
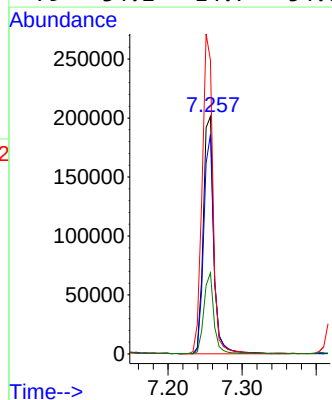
Reviewed By :Yogesh Patel 07/20/2023

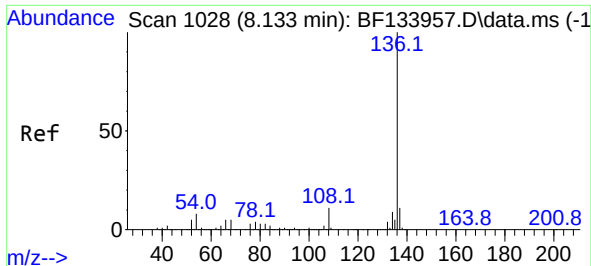
Supervised By :mohammad ahmed 07/20/2023



#20  
3+4-Methylphenols  
Concen: 41.686 ng  
RT: 7.257 min Scan# 879  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:107 Resp: 198272  
Ion Ratio Lower Upper  
107 100  
108 92.4 73.2 113.2  
77 123.7 118.3 158.3  
79 34.2 14.7 54.7





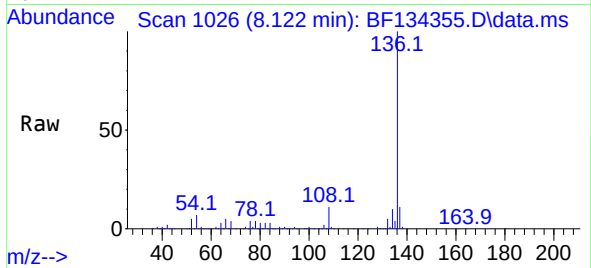
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

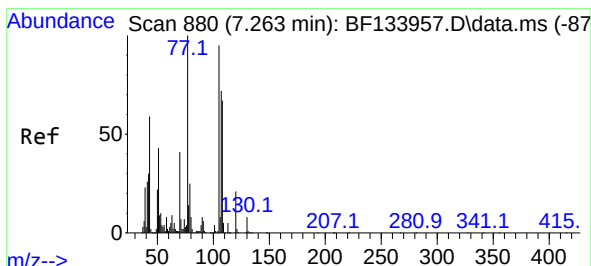
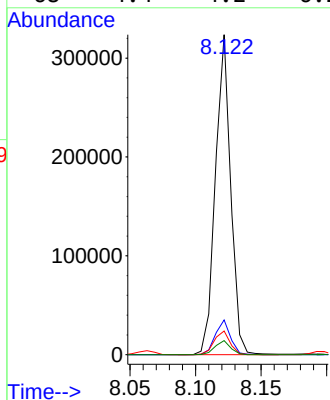
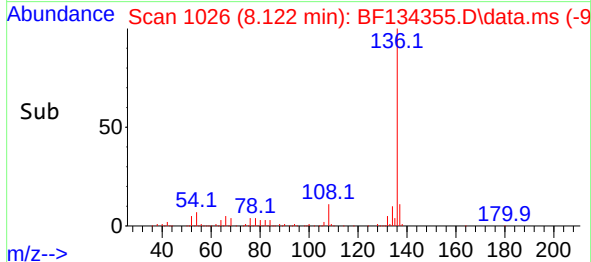


Tgt Ion:136 Resp: 26164  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 7.4 6.5 9.7  
68 4.4 4.2 6.2

Manual Integrations

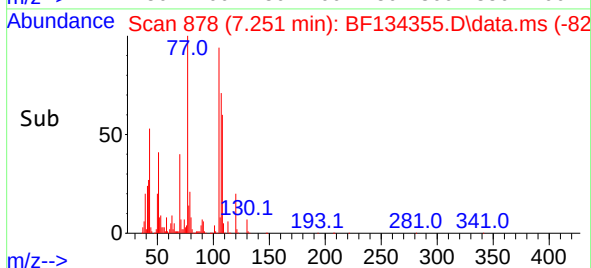
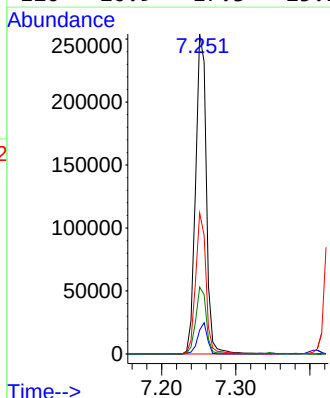
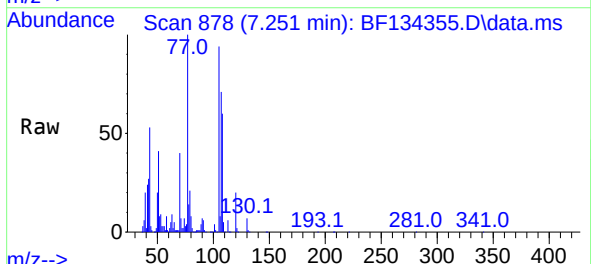
APPROVED

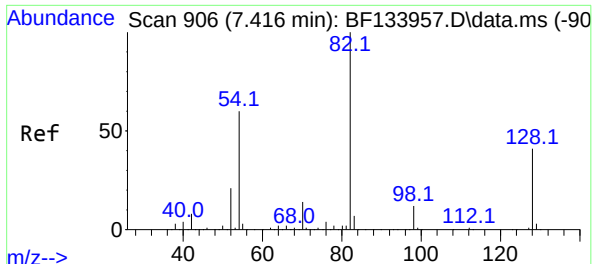
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#22  
Acetophenone  
Concen: 42.944 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:105 Resp: 255537  
Ion Ratio Lower Upper  
105 100  
71 7.4 5.5 8.3  
51 44.1 36.5 54.7  
120 20.9 17.3 25.9





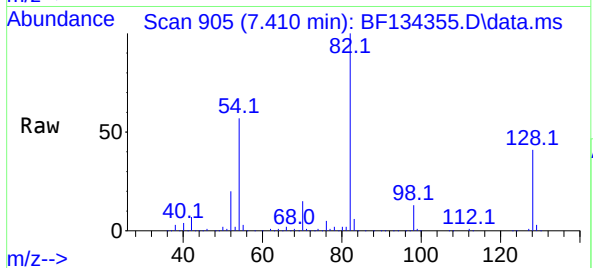
#23  
Nitrobenzene-d5  
Concen: 85.641 ng  
RT: 7.410 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

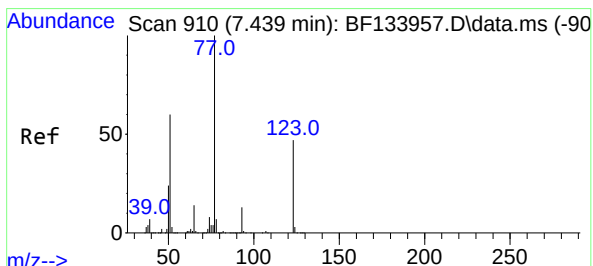
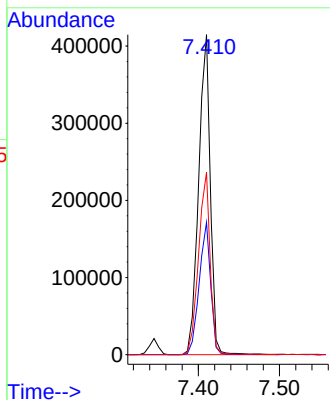
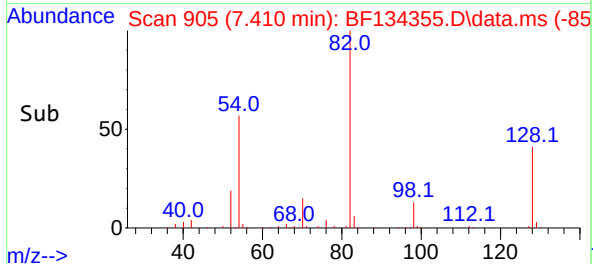


Tgt Ion: 82 Resp: 415678  
Ion Ratio Lower Upper  
82 100  
128 41.4 32.5 48.7  
54 57.0 48.2 72.2

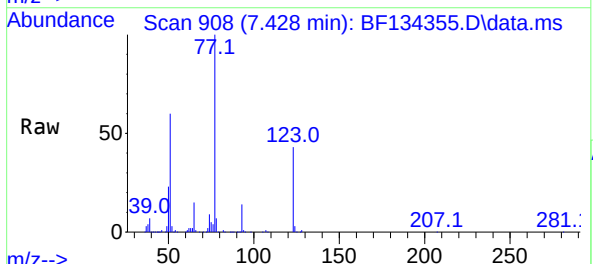
Manual Integrations

APPROVED

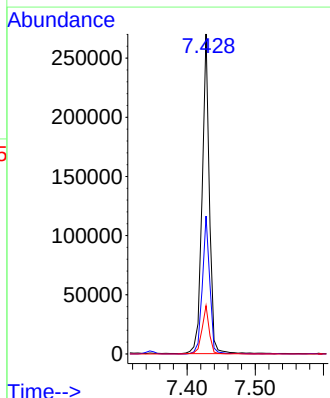
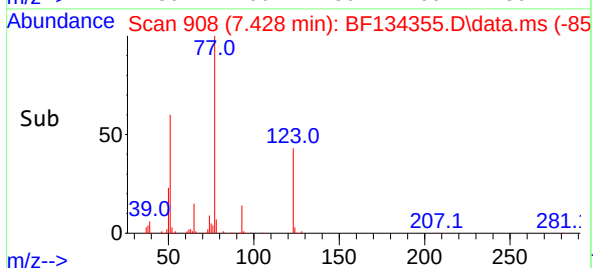
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

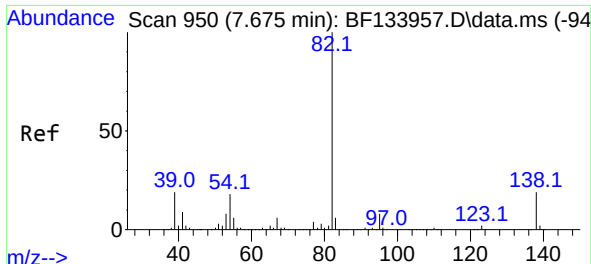


#24  
Nitrobenzene  
Concen: 40.845 ng  
RT: 7.428 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion: 77 Resp: 200336  
Ion Ratio Lower Upper  
77 100  
123 43.1 37.8 56.6  
65 15.1 11.3 16.9





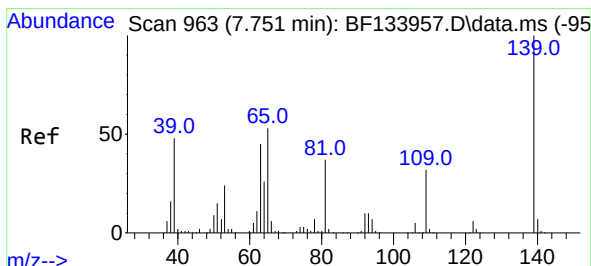
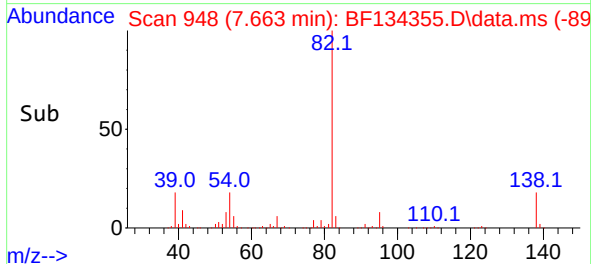
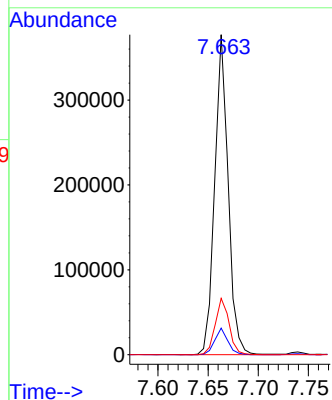
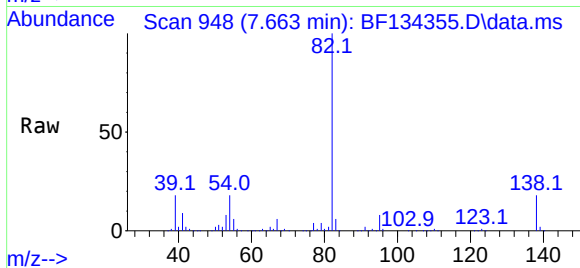
#25  
Isophorone  
Concen: 39.922 ng  
RT: 7.663 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 35216  
Ion Ratio Lower Upper  
82 100  
95 8.3 6.1 9.1  
138 17.6 15.2 22.8

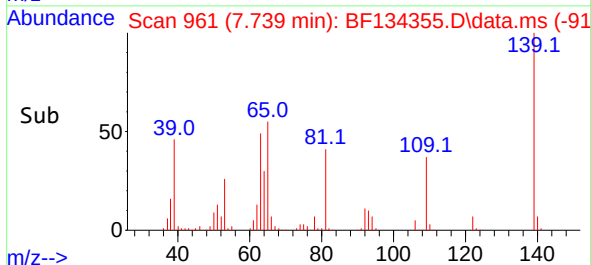
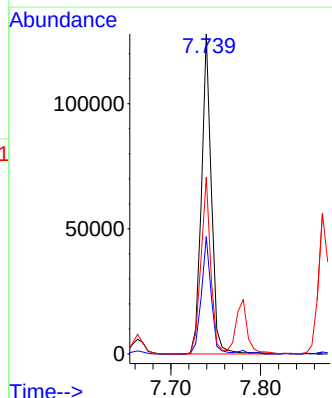
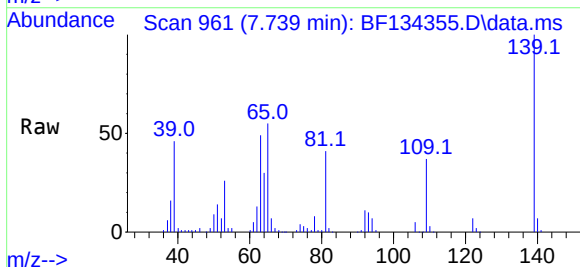
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

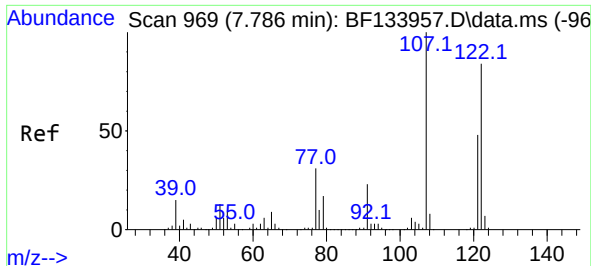


#26  
2-Nitrophenol  
Concen: 41.796 ng  
RT: 7.739 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:139 Resp: 98344  
Ion Ratio Lower Upper  
139 100  
109 36.6 25.8 38.8  
65 55.3 42.4 63.6







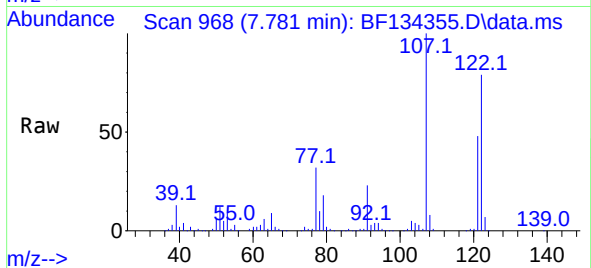
#27  
2,4-Dimethylphenol  
Concen: 40.147 ng  
RT: 7.781 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

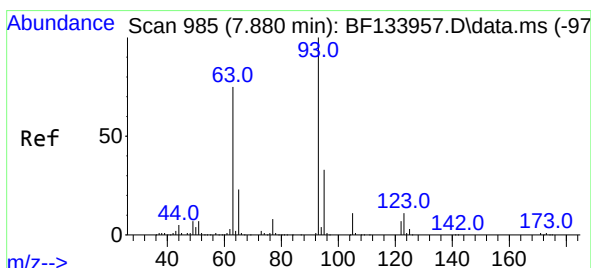
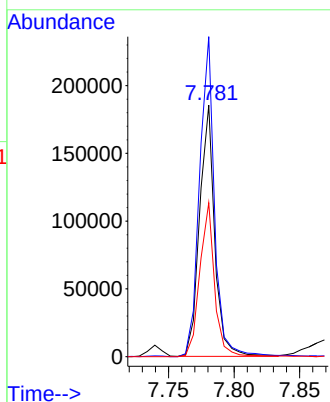
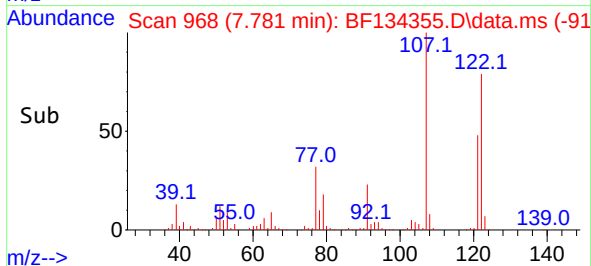


Tgt Ion:122 Resp: 149529  
Ion Ratio Lower Upper  
122 100  
107 127.3 95.5 143.3  
121 61.2 45.5 68.3

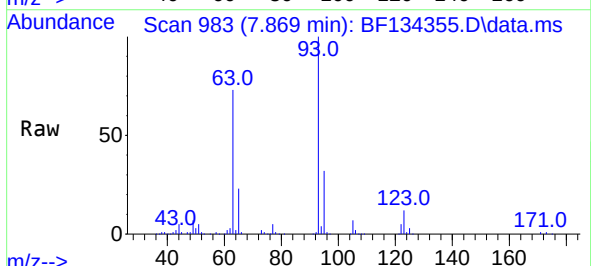
Manual Integrations

APPROVED

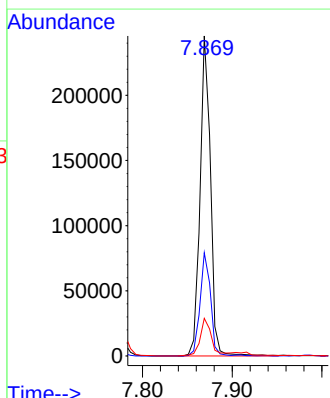
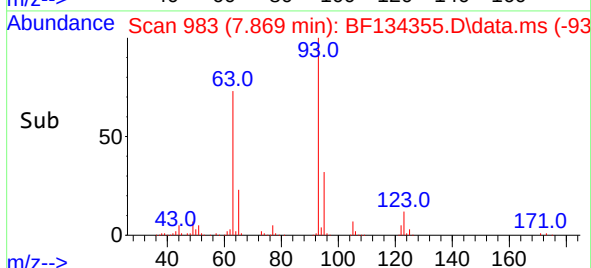
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

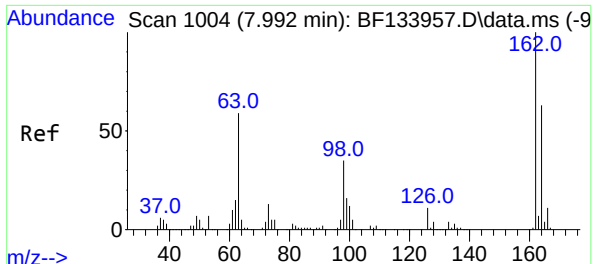


#28  
bis(2-Chloroethoxy)methane  
Concen: 38.699 ng  
RT: 7.869 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion: 93 Resp: 197667  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.5 39.7  
123 11.7 9.1 13.7





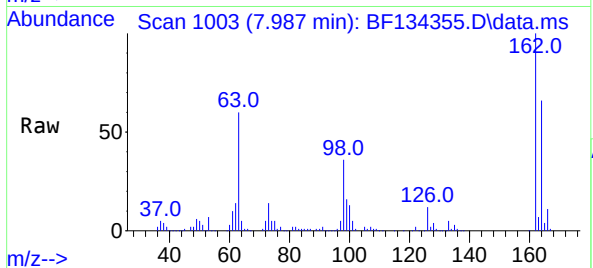
#29  
2,4-Dichlorophenol  
Concen: 40.603 ng  
RT: 7.987 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



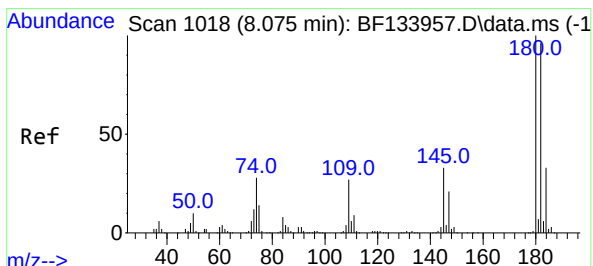
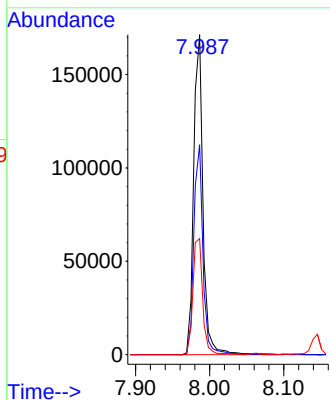
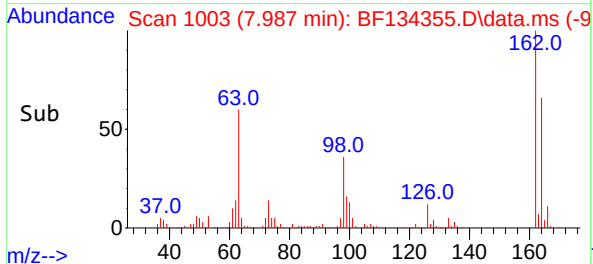
Tgt Ion:162 Resp: 149958  
Ion Ratio Lower Upper  
162 100  
164 65.6 43.2 83.2  
98 36.3 14.9 54.9

Manual Integrations

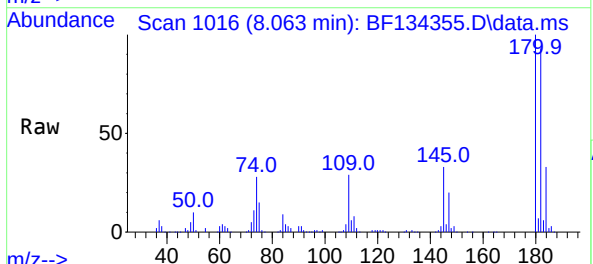
APPROVED

Reviewed By :Yogesh Patel 07/20/2023

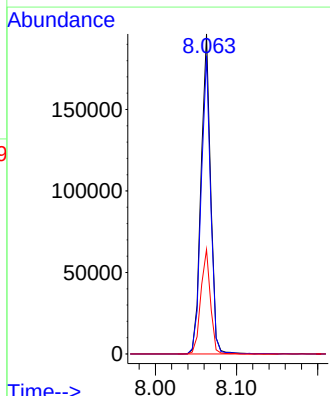
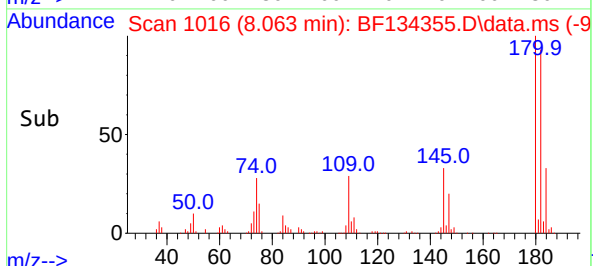
Supervised By :mohammad ahmed 07/20/2023

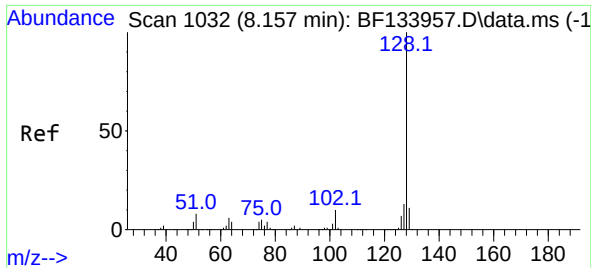


#30  
1,2,4-Trichlorobenzene  
Concen: 42.282 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:180 Resp: 161130  
Ion Ratio Lower Upper  
180 100  
182 93.2 77.1 115.7  
145 32.7 26.0 39.0





#31  
Naphthalene  
Concen: 40.672 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

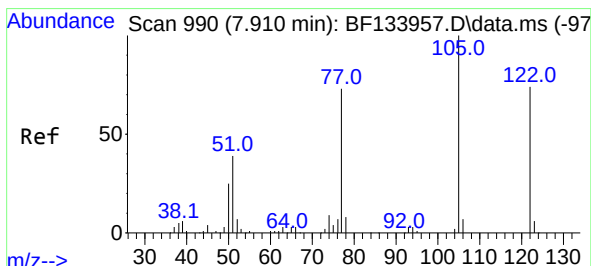
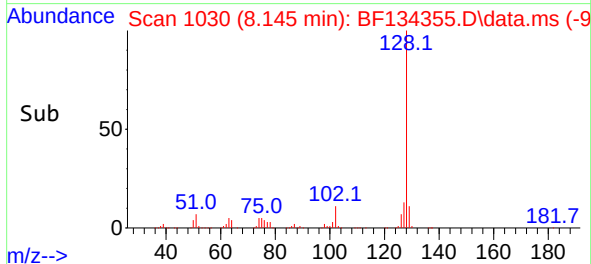
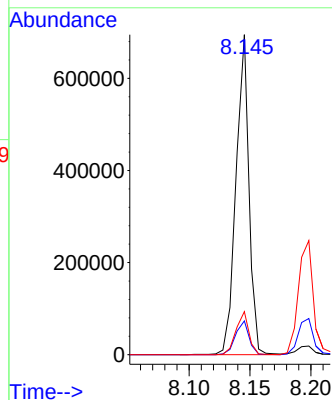
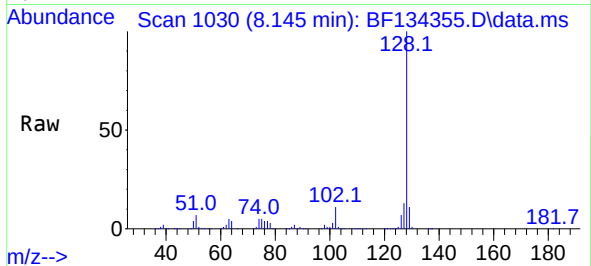
SSTDCCC040

Tgt Ion:128 Resp: 51402  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.7 13.1  
127 13.5 10.6 15.8

Manual Integrations

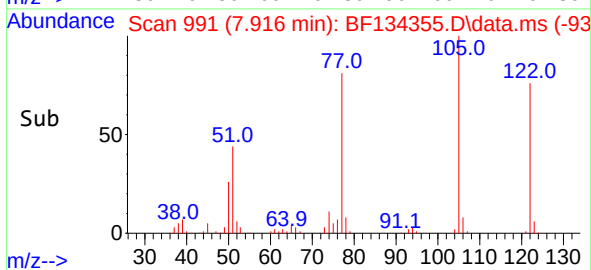
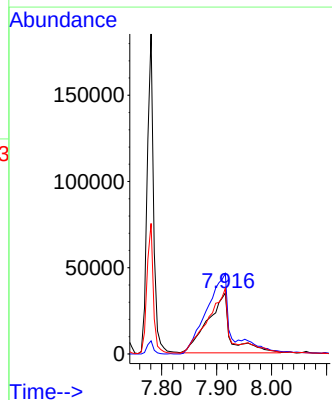
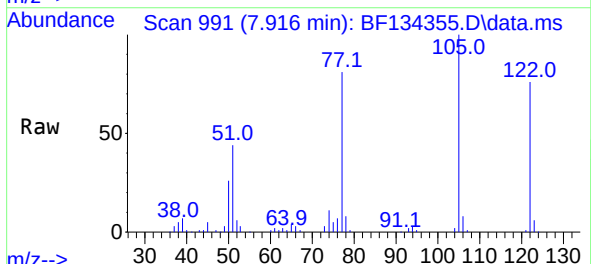
APPROVED

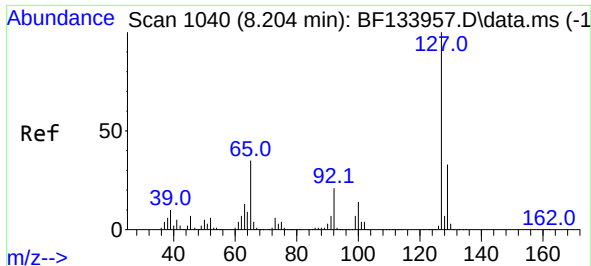
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#32  
Benzoic acid  
Concen: 36.770 ng m  
RT: 7.916 min Scan# 991  
Delta R.T. 0.012 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:122 Resp: 102620  
Ion Ratio Lower Upper  
122 100  
105 131.7 109.7 149.7  
77 107.2 76.0 116.0





#33  
4-Chloroaniline  
Concen: 40.675 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

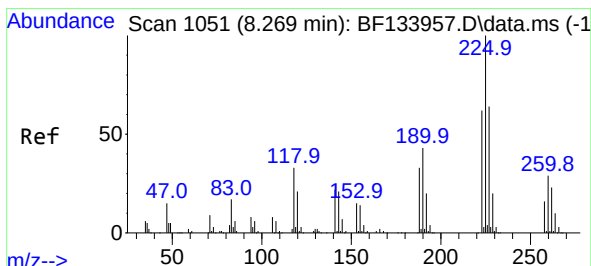
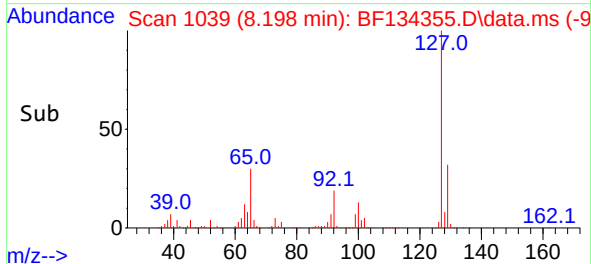
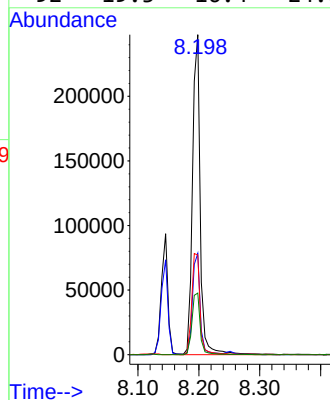
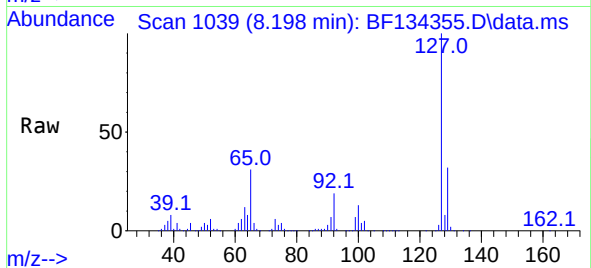
SSTDCCC040

Tgt Ion:127 Resp: 21989  
Ion Ratio Lower Upper  
127 100  
129 31.7 26.4 39.6  
65 31.1 27.8 41.8  
92 19.3 16.4 24.6

Manual Integrations

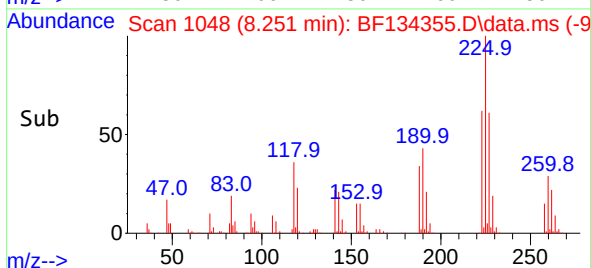
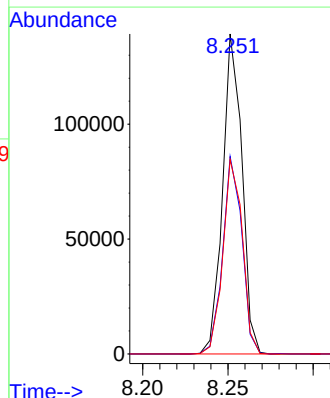
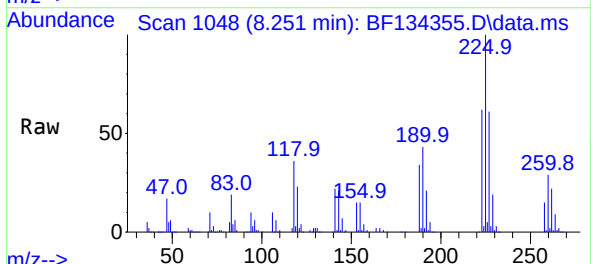
APPROVED

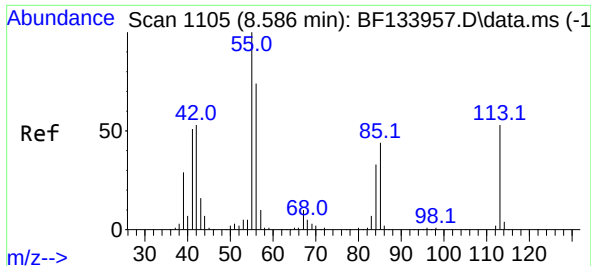
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#34  
Hexachlorobutadiene  
Concen: 45.652 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:225 Resp: 109744  
Ion Ratio Lower Upper  
225 100  
223 61.7 49.8 74.8  
227 60.8 51.0 76.4





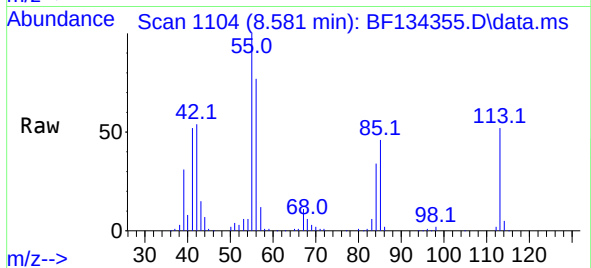
#35  
Caprolactam  
Concen: 37.031 ng  
RT: 8.581 min Scan# 1104  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

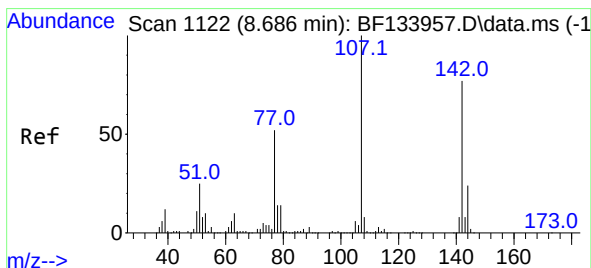
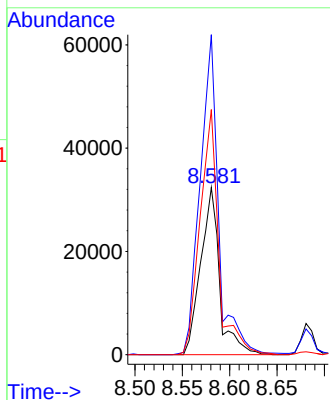
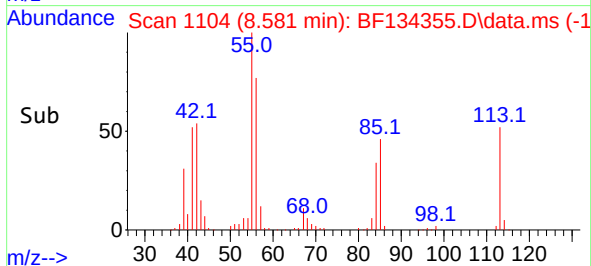


Tgt Ion:113 Resp: 4503  
Ion Ratio Lower Upper  
113 100  
55 191.4 170.2 210.2  
56 146.6 121.4 161.4

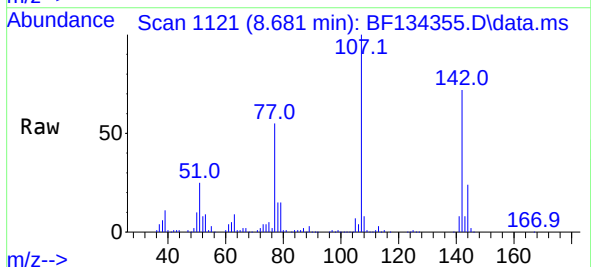
Manual Integrations

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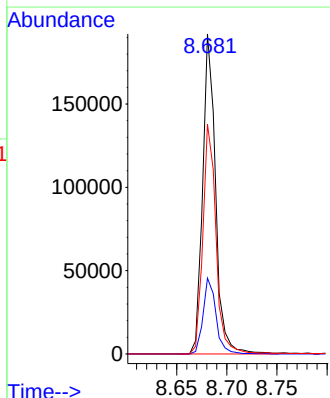
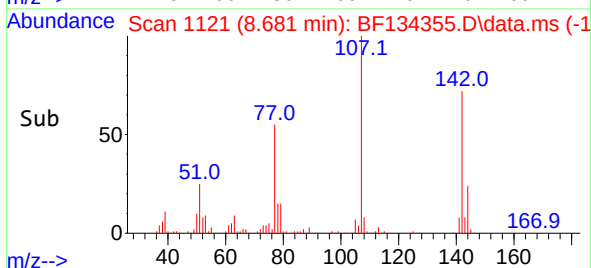
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

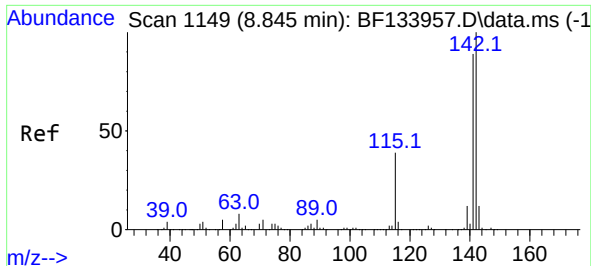


#36  
4-Chloro-3-methylphenol  
Concen: 41.741 ng  
RT: 8.681 min Scan# 1121  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:107 Resp: 173184  
Ion Ratio Lower Upper  
107 100  
144 23.7 19.6 29.4  
142 71.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 40.848 ng

RT: 8.834 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 365069

Ion Ratio Lower Upper

142 100

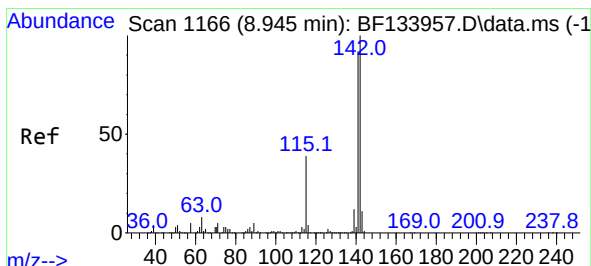
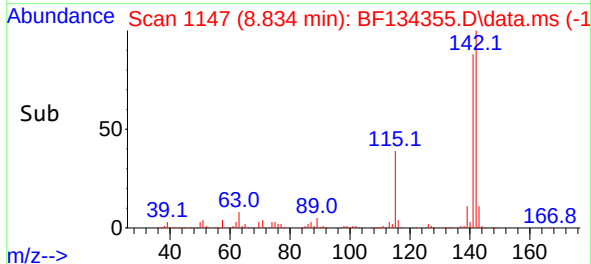
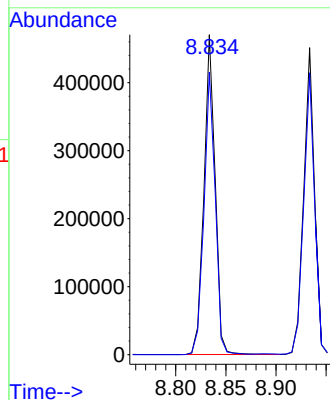
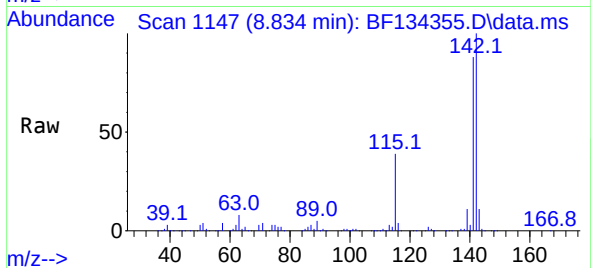
141 88.3 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#38

1-Methylnaphthalene

Concen: 40.659 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134355.D

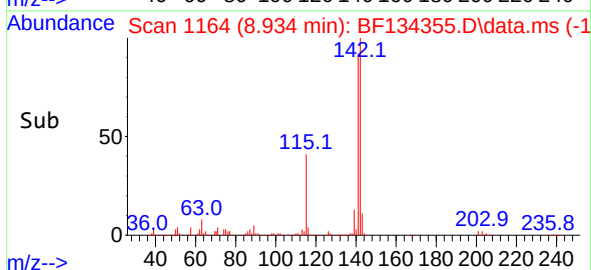
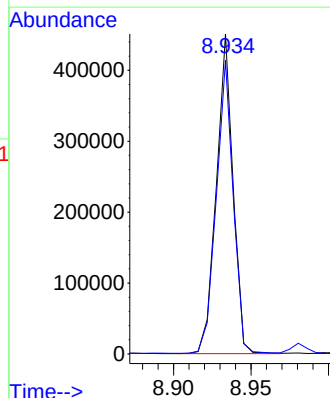
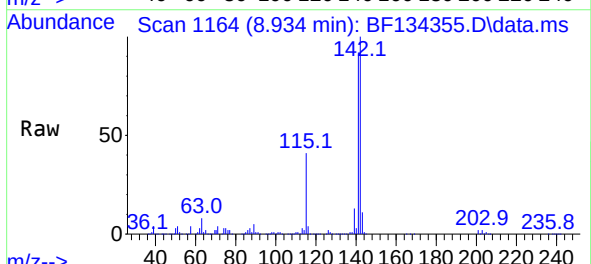
Acq: 19 Jul 2023 13:01

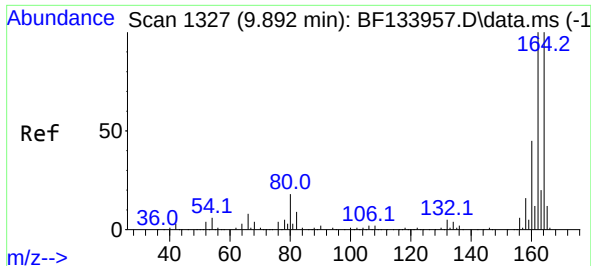
Tgt Ion:142 Resp: 337809

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3





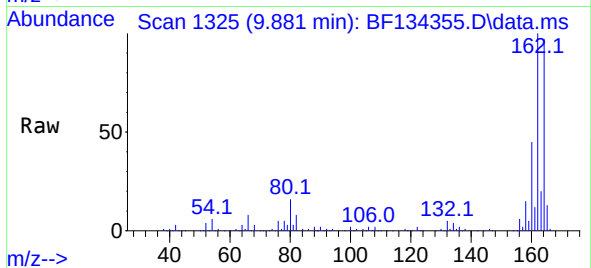
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.881 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNF\_F

ClientSampleId :

SSTDCCC040

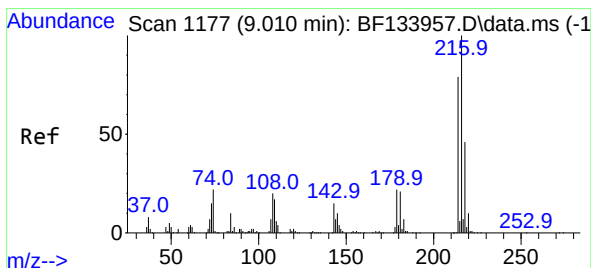
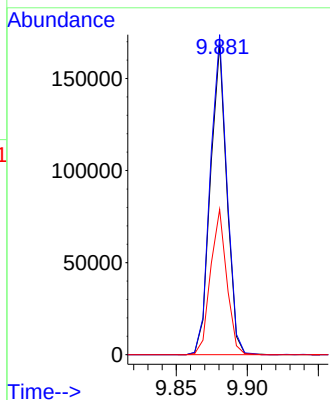
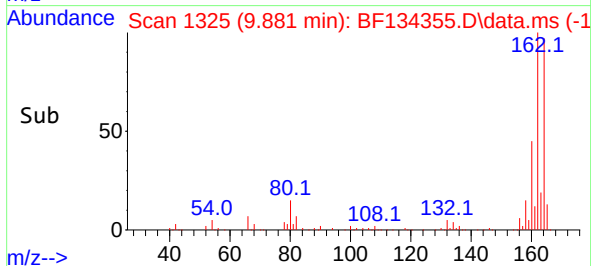


Tgt Ion:164 Resp: 134890  
Ion Ratio Lower Upper  
164 100  
162 102.9 80.0 120.0  
160 46.7 35.9 53.9

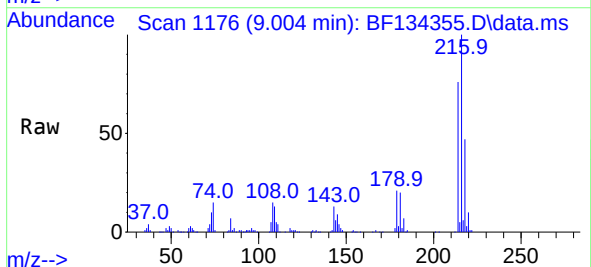
Manual Integrations

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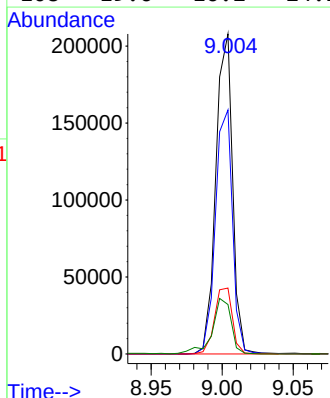
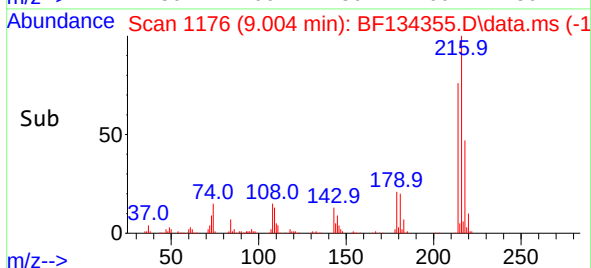
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

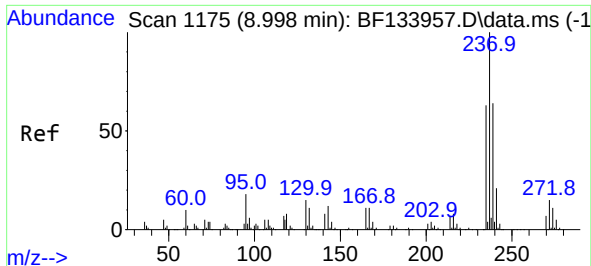


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.621 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:216 Resp: 170336  
Ion Ratio Lower Upper  
216 100  
214 78.1 64.1 96.1  
179 22.1 17.3 25.9  
108 19.6 16.2 24.2





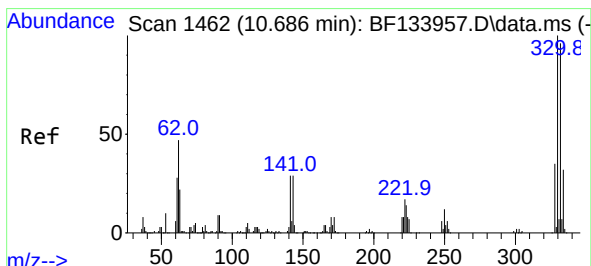
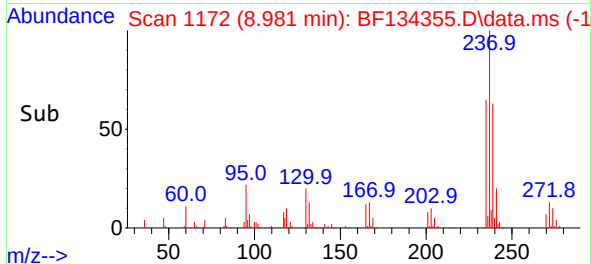
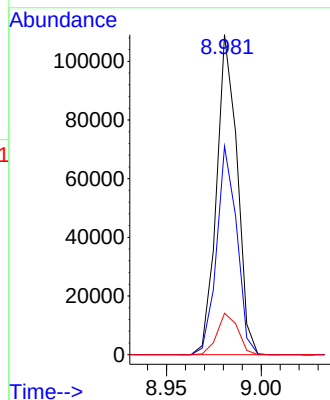
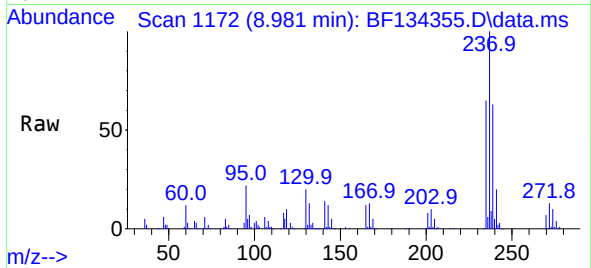
#41  
Hexachlorocyclopentadiene  
Concen: 43.559 ng  
RT: 8.981 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 82588  
Ion Ratio Lower Upper  
237 100  
235 65.2 42.8 82.8  
272 13.0 0.0 34.6

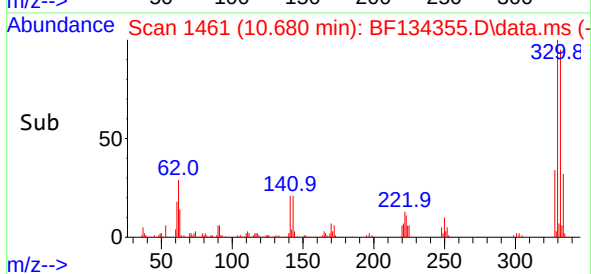
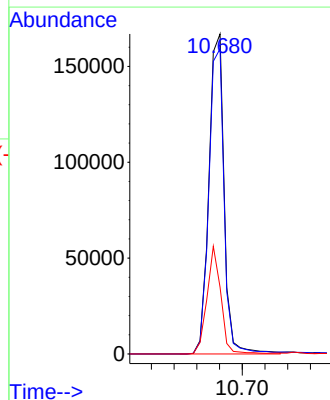
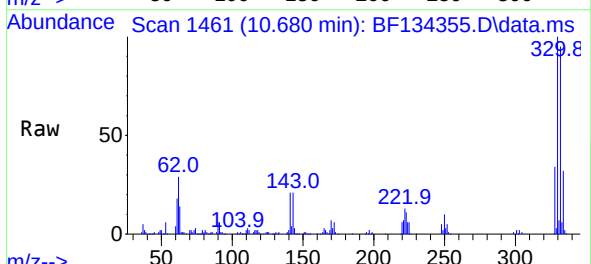
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

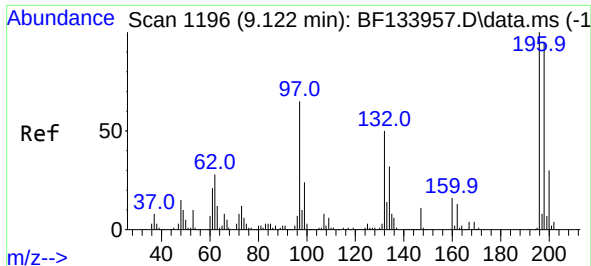


#42  
2,4,6-Tribromophenol  
Concen: 91.840 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:330 Resp: 155331  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.0 115.6  
141 30.7 26.3 39.5







#43  
2,4,6-Trichlorophenol  
Concen: 40.030 ng  
RT: 9.116 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

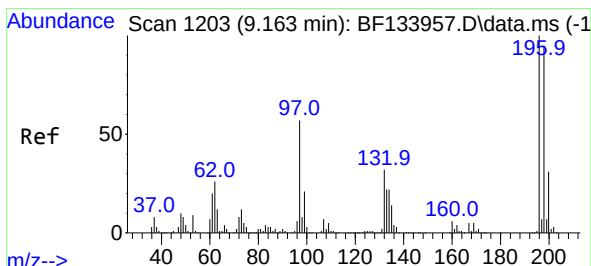
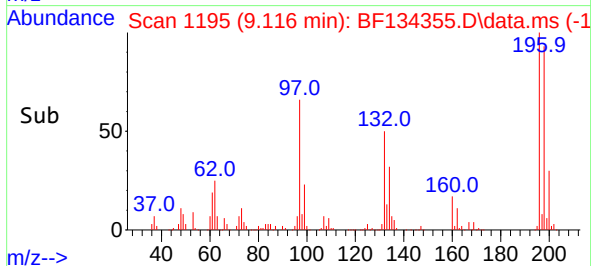
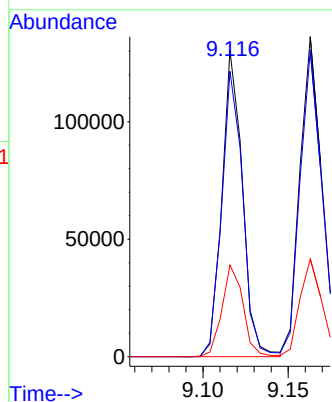
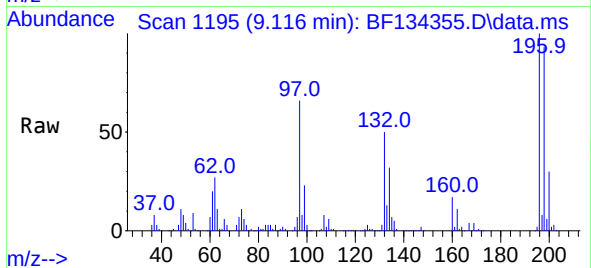
SSTDCCC040

Tgt Ion:196 Resp: 108905  
Ion Ratio Lower Upper  
196 100  
198 93.1 75.6 113.4  
200 29.9 24.4 36.6

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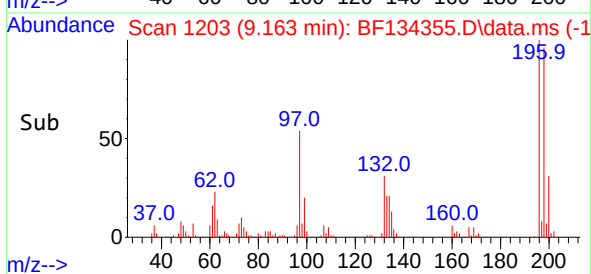
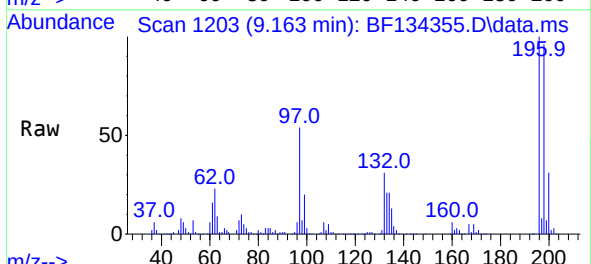
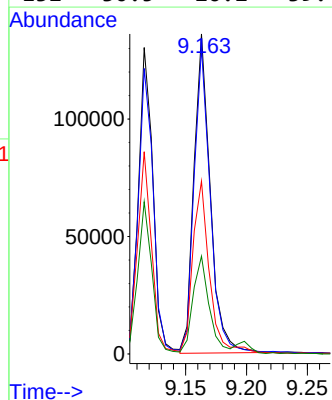
APPROVED

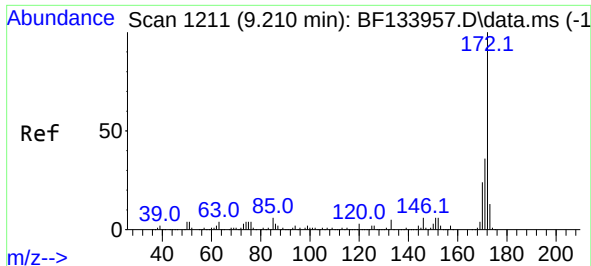
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#44  
2,4,5-Trichlorophenol  
Concen: 39.638 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:196 Resp: 126849  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.7 113.5  
97 54.0 45.8 68.6  
132 30.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 86.504 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 80260

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

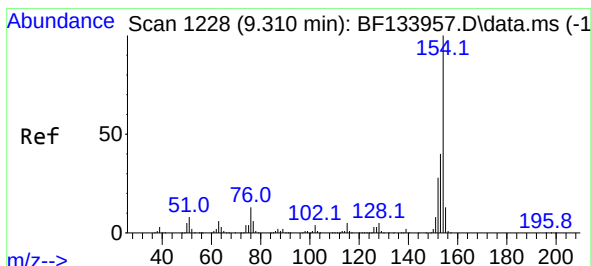
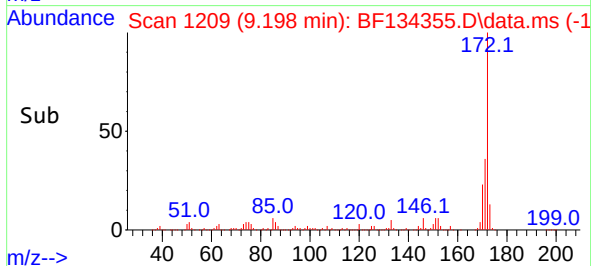
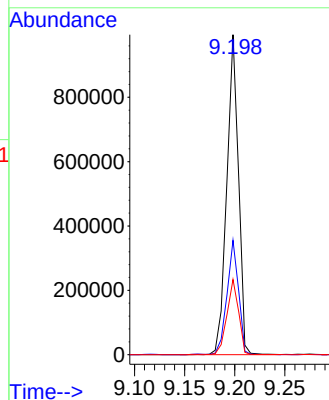
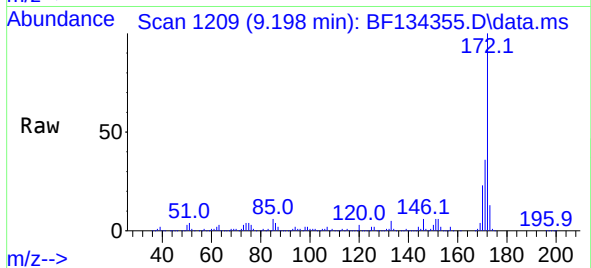
170 23.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#46

1,1'-Biphenyl

Concen: 40.780 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

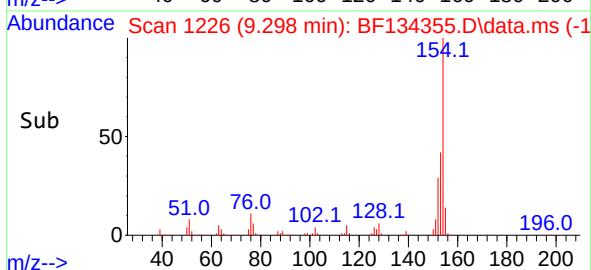
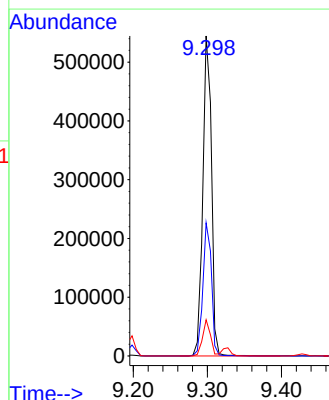
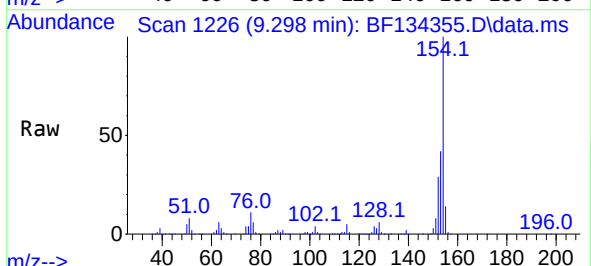
Tgt Ion:154 Resp: 441280

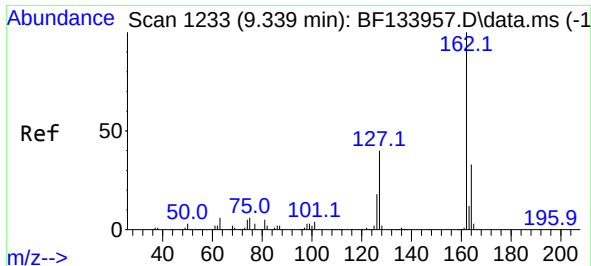
Ion Ratio Lower Upper

154 100

153 41.6 19.8 59.8

76 11.3 0.0 32.9





#47  
2-Chloronaphthalene  
Concen: 40.161 ng  
RT: 9.328 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

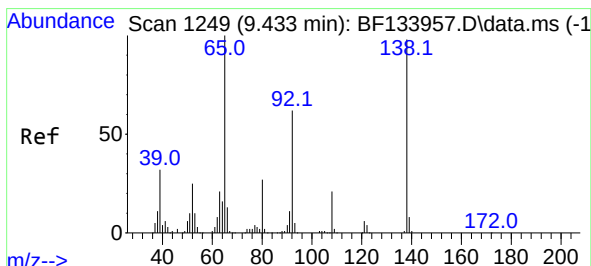
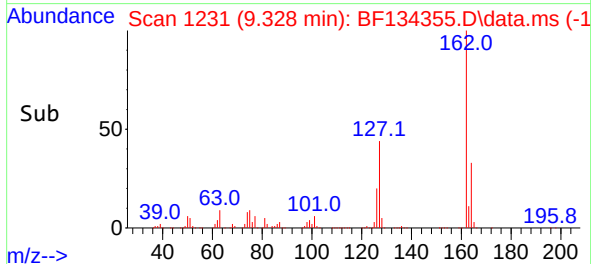
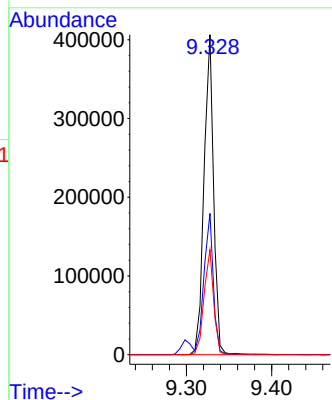
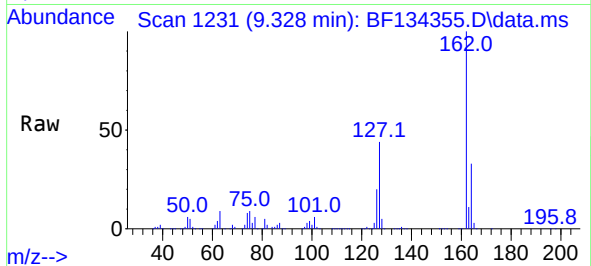
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 31796  
Ion Ratio Lower Upper  
162 100  
127 44.2 32.9 49.3  
164 32.8 26.1 39.1

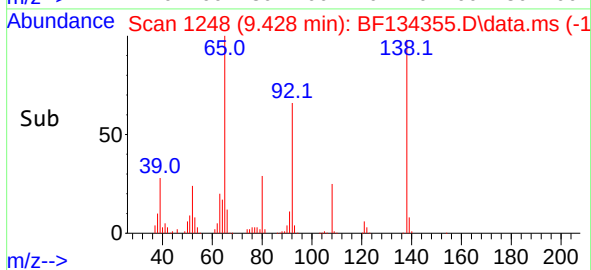
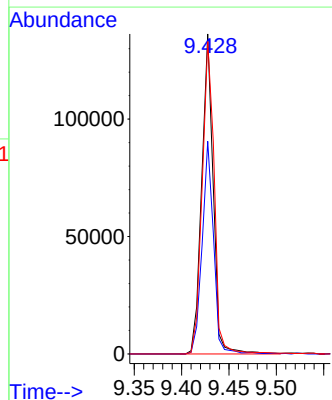
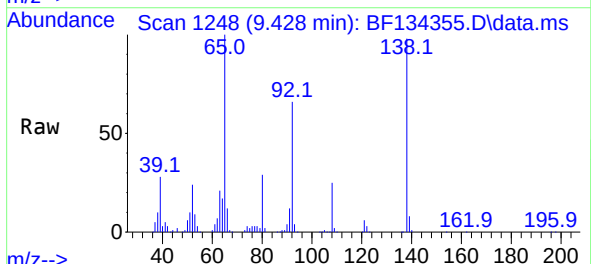
Manual Integrations  
APPROVED

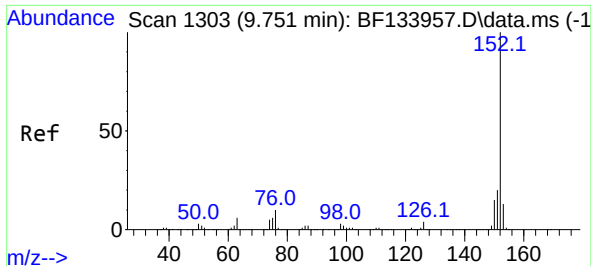
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#48  
2-Nitroaniline  
Concen: 39.970 ng  
RT: 9.428 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion: 65 Resp: 115331  
Ion Ratio Lower Upper  
65 100  
92 66.4 49.5 74.3  
138 97.6 78.0 117.0





#49

Acenaphthylene

Concen: 39.769 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 53785

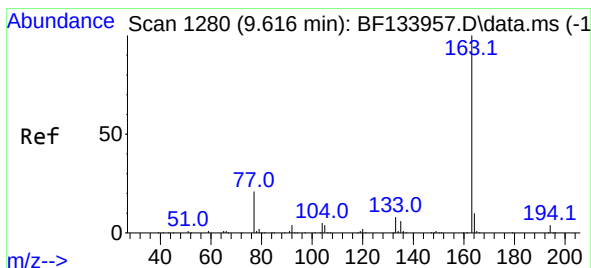
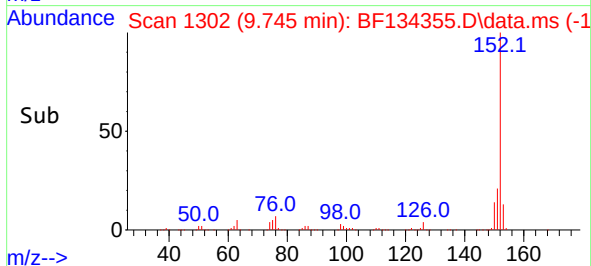
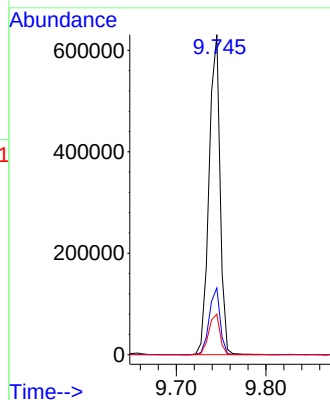
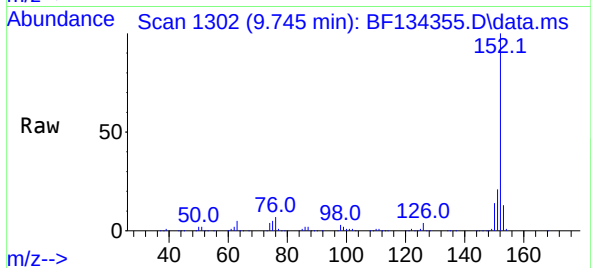
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.9  | 16.2  | 24.2  |
| 153 | 12.7  | 10.8  | 16.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#50

Dimethylphthalate

Concen: 40.249 ng

RT: 9.604 min Scan# 1278

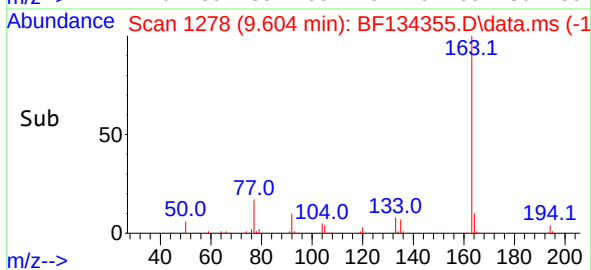
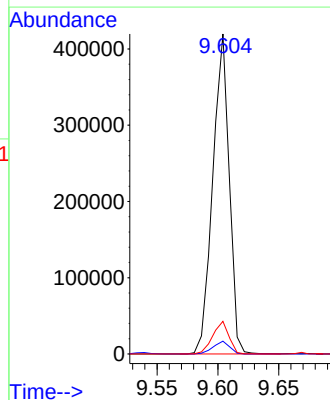
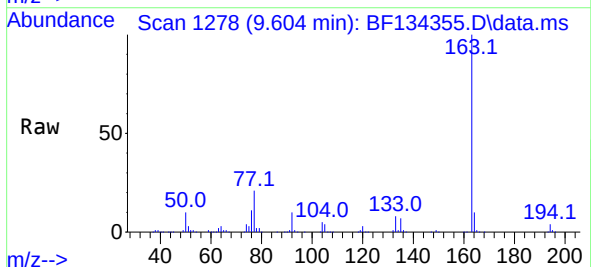
Delta R.T. 0.000 min

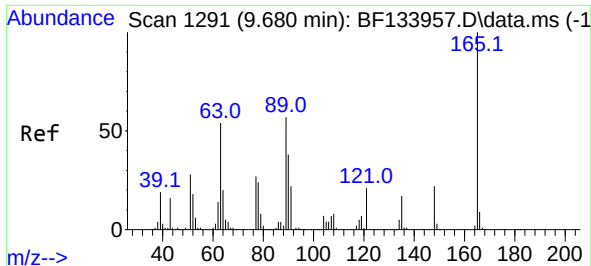
Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Tgt Ion:163 Resp: 394119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.0   | 4.6   |
| 164 | 10.2  | 8.2   | 12.2  |





#51

2,6-Dinitrotoluene

Concen: 40.954 ng

RT: 9.675 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 86375

Ion Ratio Lower Upper

165 100

63 58.1 48.5 72.7

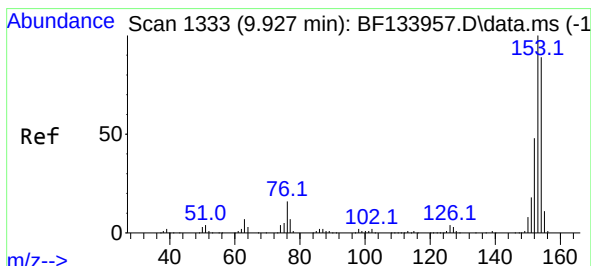
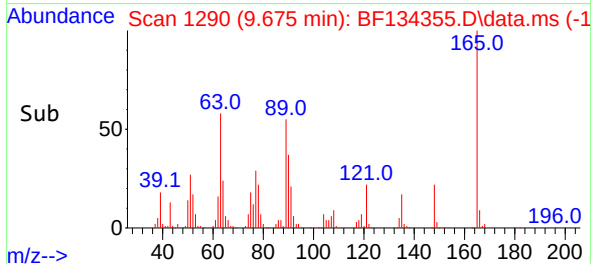
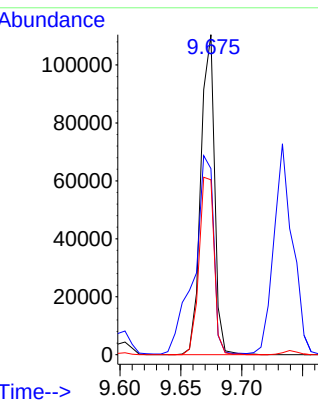
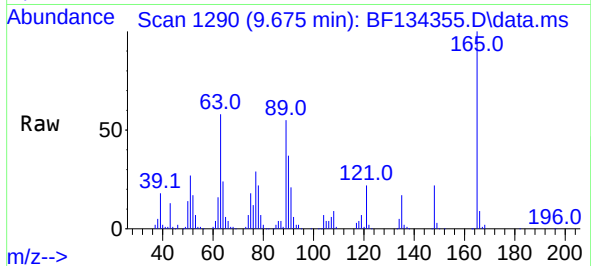
89 54.7 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#52

Acenaphthene

Concen: 40.709 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF134355.D

Acq: 19 Jul 2023 13:01

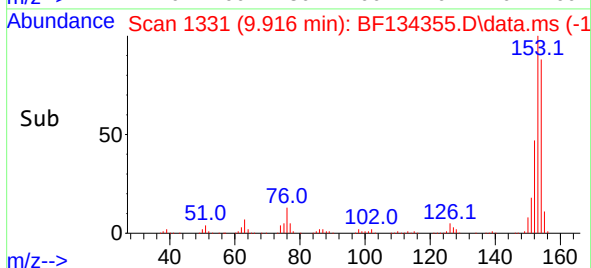
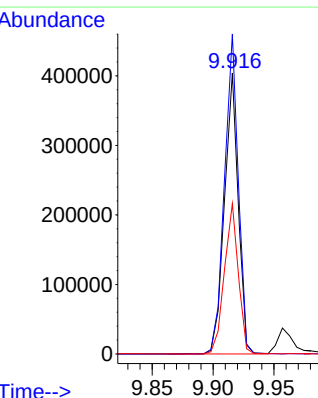
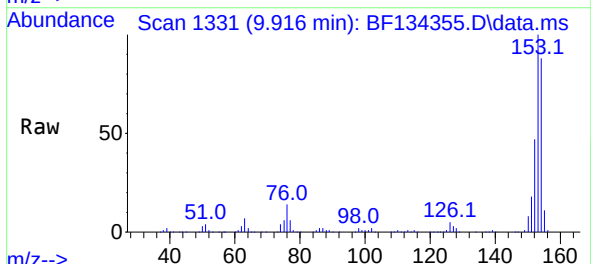
Tgt Ion:154 Resp: 319473

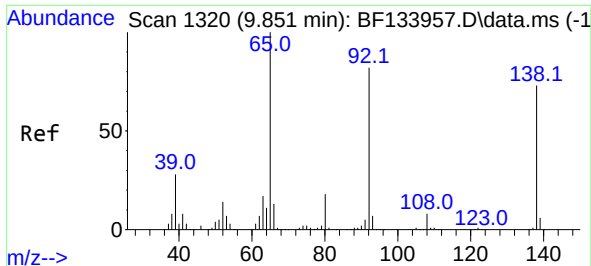
Ion Ratio Lower Upper

154 100

153 113.9 89.4 134.2

152 53.5 42.8 64.2





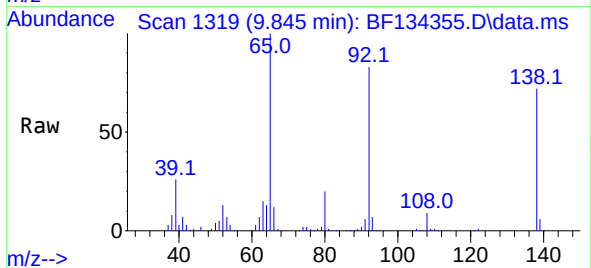
#53  
3-Nitroaniline  
Concen: 37.921 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

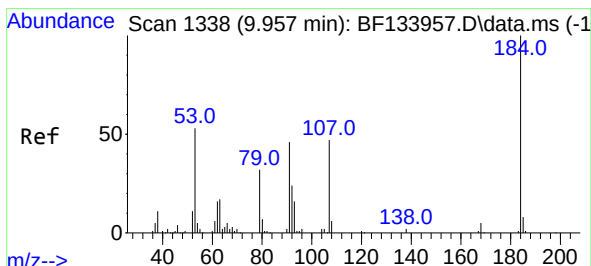
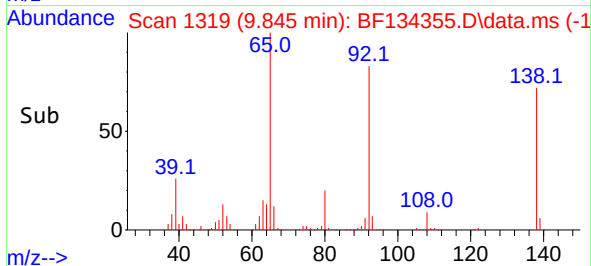
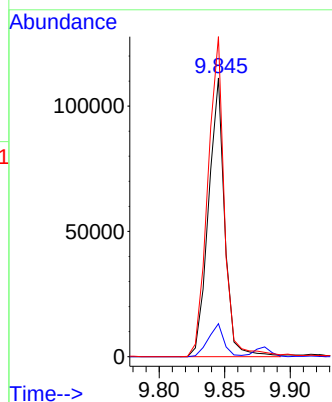


Tgt Ion:138 Resp: 95940  
Ion Ratio Lower Upper  
138 100  
108 11.8 8.4 12.6  
92 114.8 90.1 135.1

Manual Integrations

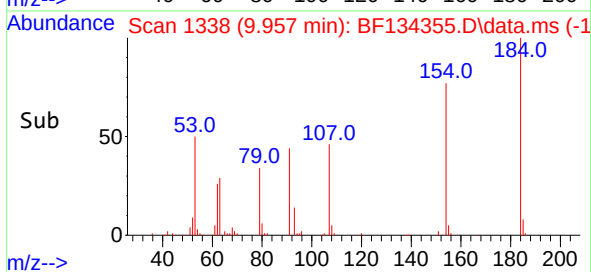
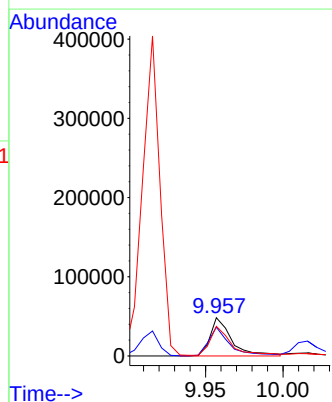
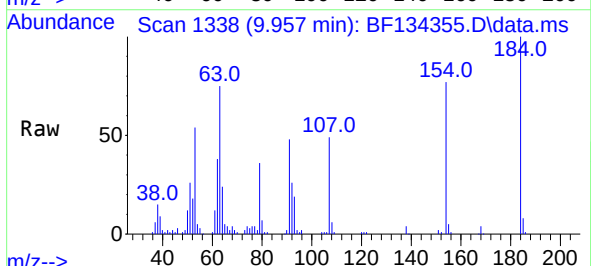
APPROVED

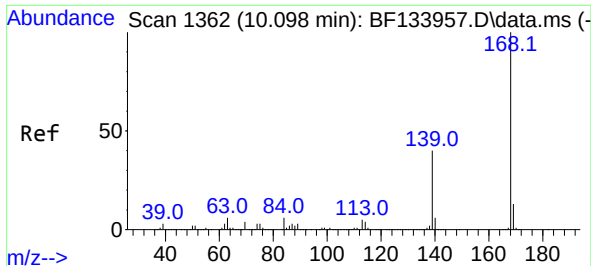
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#54  
2,4-Dinitrophenol  
Concen: 40.287 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

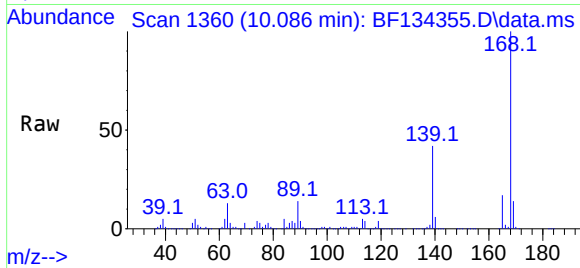
Tgt Ion:184 Resp: 46615  
Ion Ratio Lower Upper  
184 100  
63 75.2 56.9 85.3  
154 77.3 55.4 83.0





#55  
Dibenzenofuran  
Concen: 39.903 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

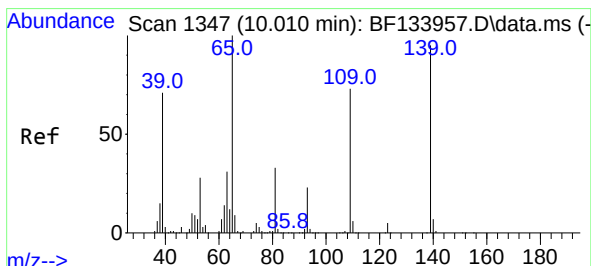
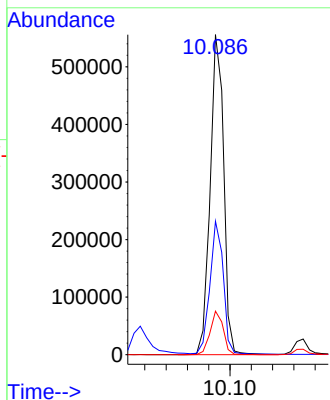
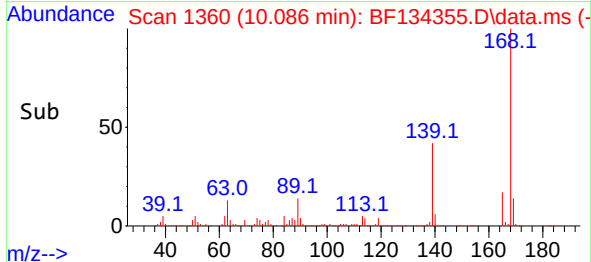
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



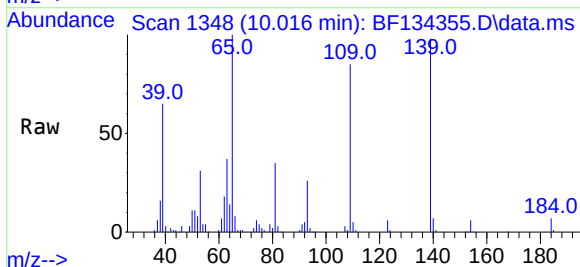
Tgt Ion:168 Resp: 48939  
Ion Ratio Lower Upper  
168 100  
139 41.7 32.0 48.0  
169 13.6 10.6 16.0

Manual Integrations  
APPROVED

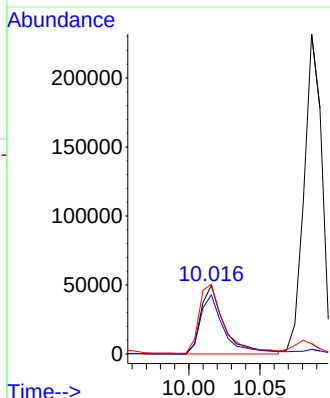
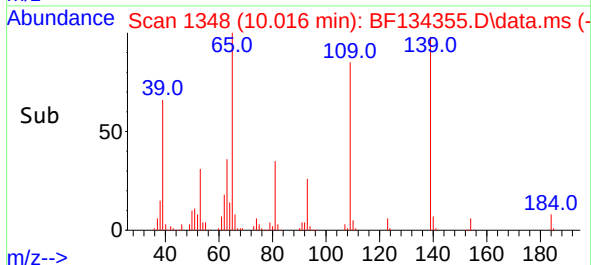
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

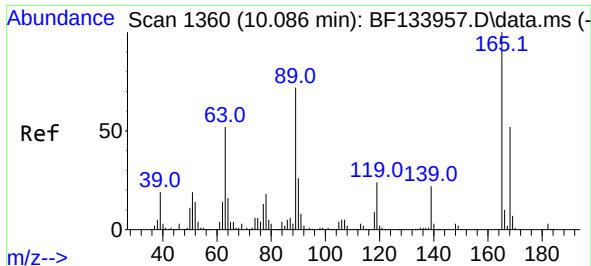


#56  
4-Nitrophenol  
Concen: 32.385 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:139 Resp: 57316  
Ion Ratio Lower Upper  
139 100  
109 86.3 56.8 96.8  
65 102.0 86.1 126.1





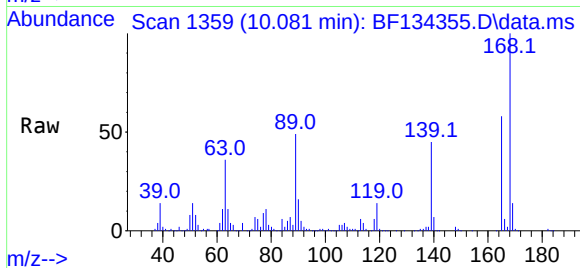
#57  
2,4-Dinitrotoluene  
Concen: 41.365 ng  
RT: 10.081 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

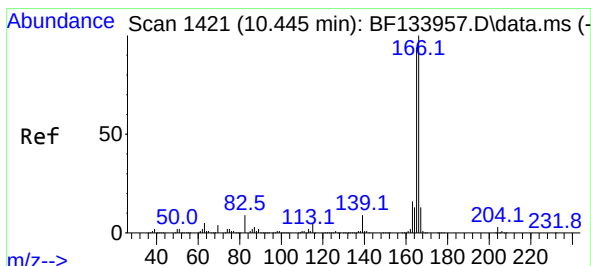
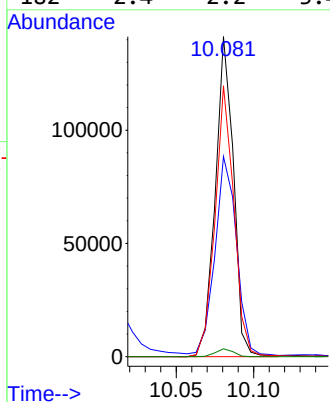
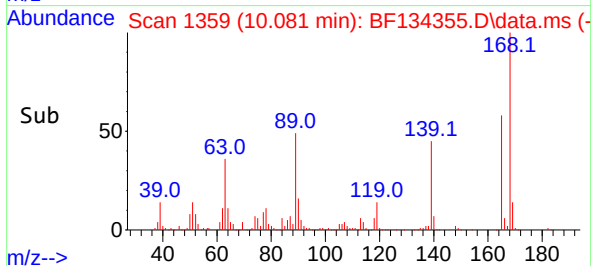


Tgt Ion:165 Resp: 115219  
Ion Ratio Lower Upper  
165 100  
63 62.6 42.2 63.2  
89 84.6 57.4 86.2  
182 2.4 2.2 3.4

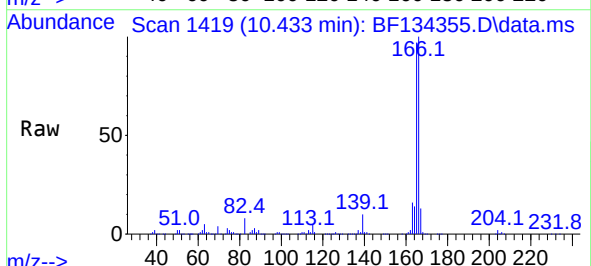
Manual Integrations

APPROVED

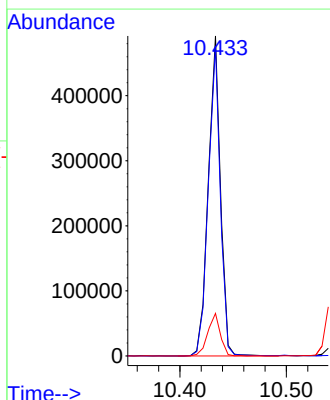
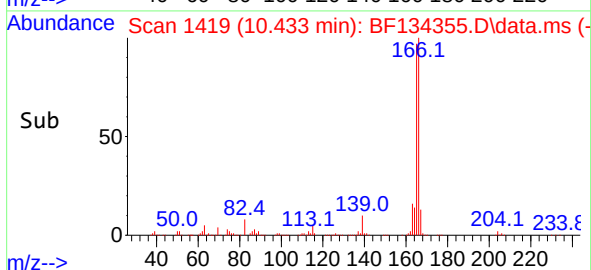
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



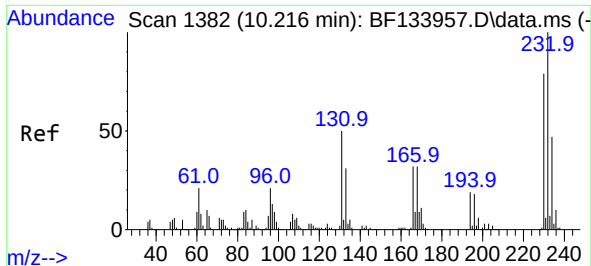
#58  
Fluorene  
Concen: 40.977 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:166 Resp: 390999  
Ion Ratio Lower Upper  
166 100  
165 96.8 75.0 112.4  
167 13.3 10.6 15.8







#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.266 ng  
RT: 10.210 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

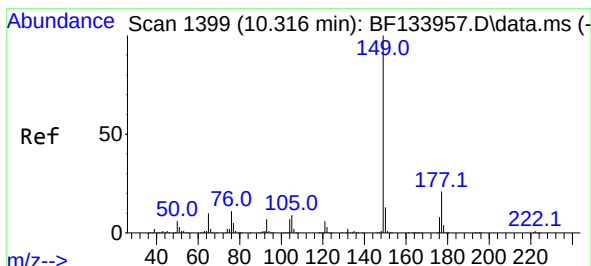
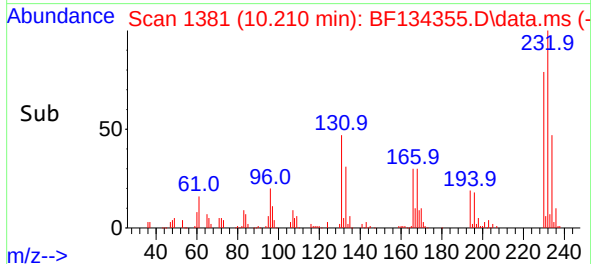
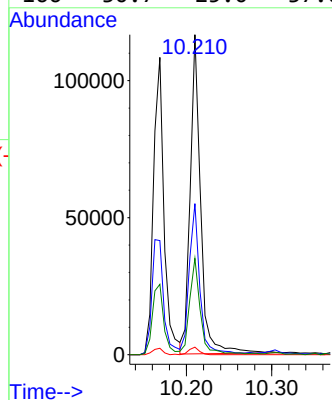
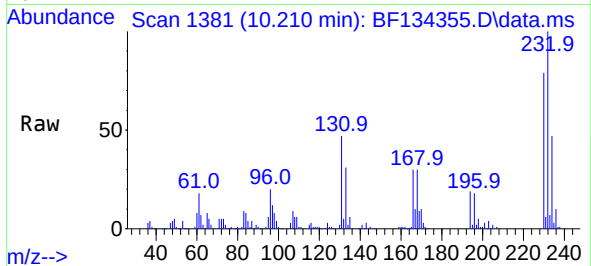
SSTDCCC040

Tgt Ion:232 Resp: 99120  
Ion Ratio Lower Upper  
232 100  
131 48.9 39.3 58.9  
130 2.3 1.8 2.6  
166 30.7 25.0 37.6

Manual Integrations

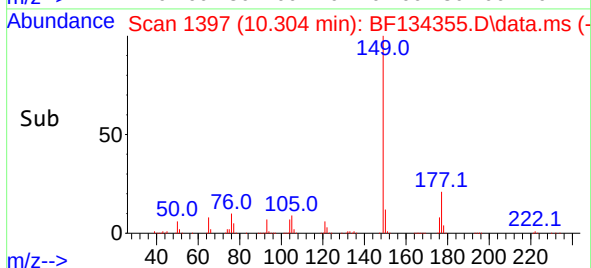
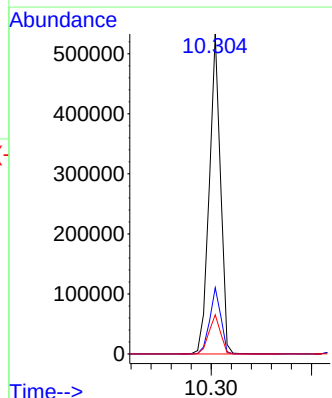
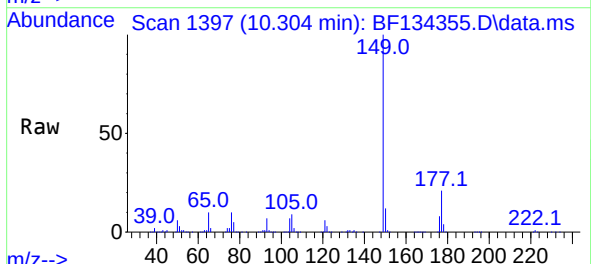
APPROVED

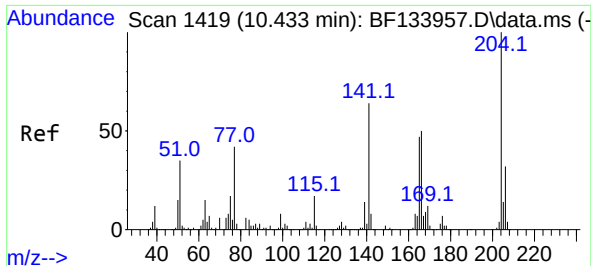
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#60  
Diethylphthalate  
Concen: 40.700 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:149 Resp: 415212  
Ion Ratio Lower Upper  
149 100  
177 20.7 17.0 25.6  
150 12.2 10.2 15.2





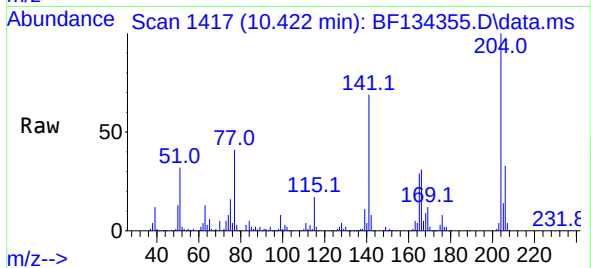
#61  
4-Chlorophenyl-phenylether  
Concen: 41.901 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

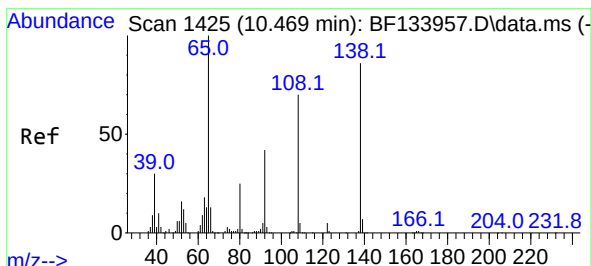
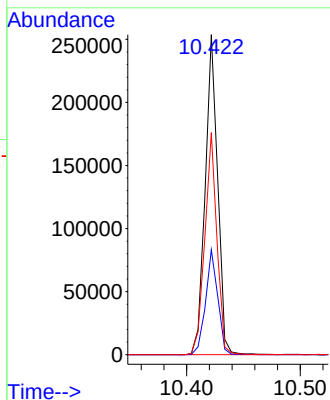
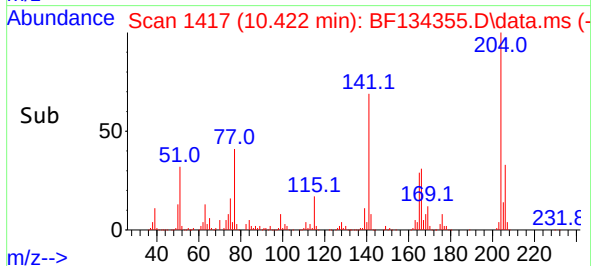


Tgt Ion:204 Resp: 19267  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.8 38.6  
141 69.4 51.5 77.3

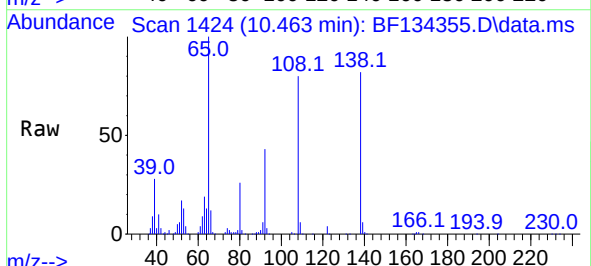
Manual Integrations

APPROVED

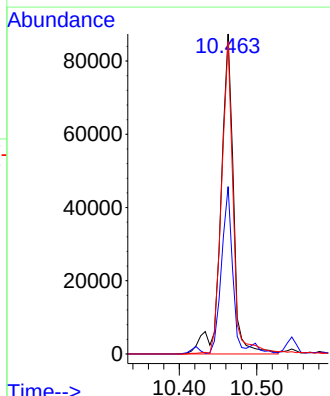
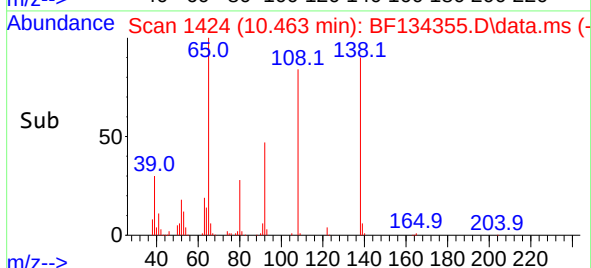
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

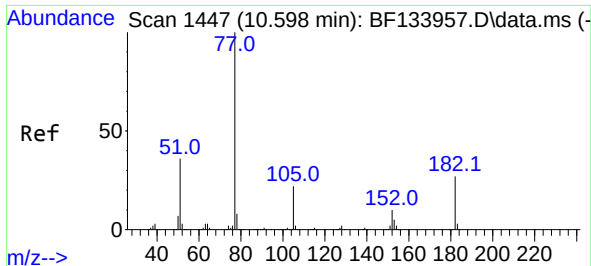


#62  
4-Nitroaniline  
Concen: 38.385 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:138 Resp: 97877  
Ion Ratio Lower Upper  
138 100  
92 52.3 29.7 69.7  
108 97.6 62.1 102.1





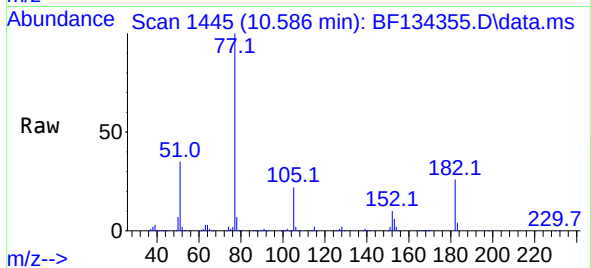
#63  
Azobenzene  
Concen: 39.014 ng  
RT: 10.586 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

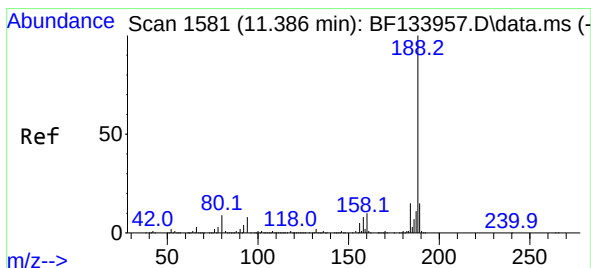
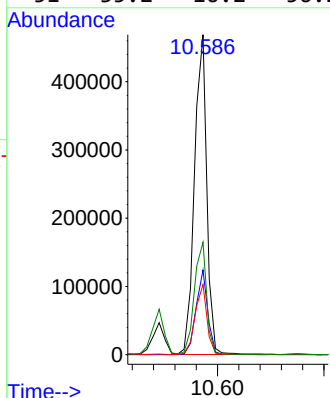
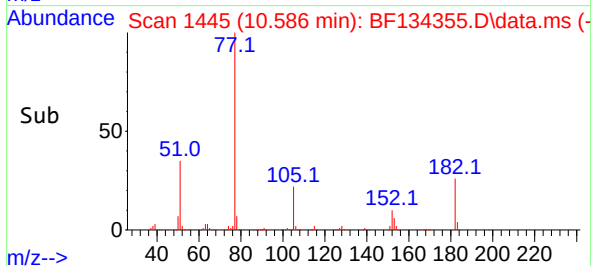


Tgt Ion: 77 Resp: 37648  
Ion Ratio Lower Upper  
77 100  
182 26.4 6.8 46.8  
105 22.0 2.3 42.3  
51 35.2 16.2 56.2

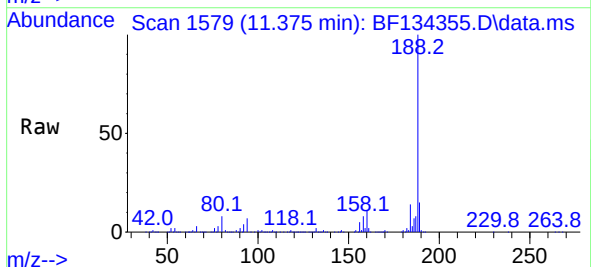
Manual Integrations

APPROVED

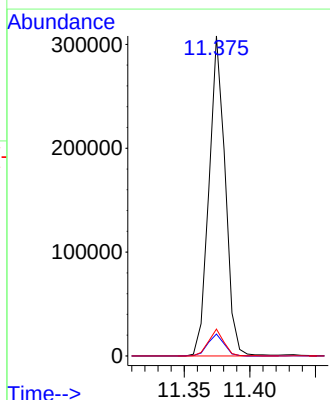
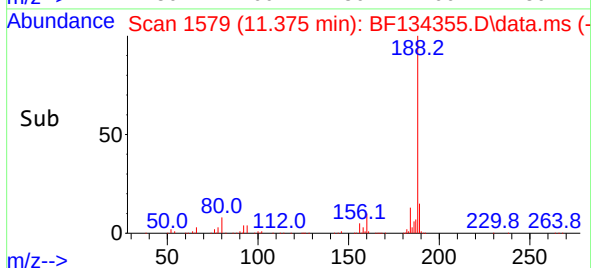
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

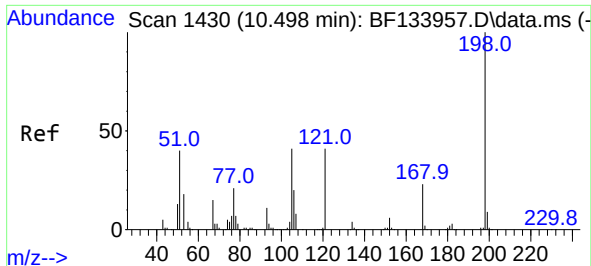


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:188 Resp: 265144  
Ion Ratio Lower Upper  
188 100  
94 6.8 6.4 9.6  
80 8.4 7.3 10.9





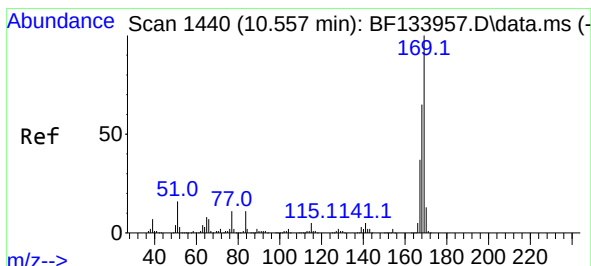
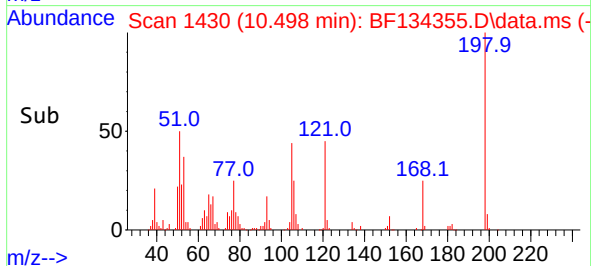
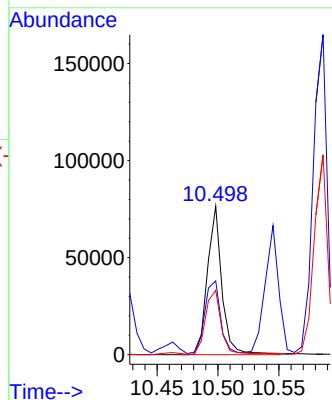
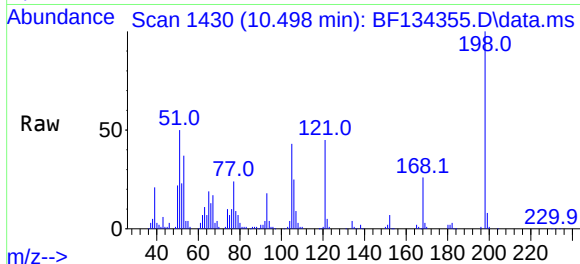
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.472 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 6284  
Ion Ratio Lower Upper  
198 100  
51 49.7 29.3 69.3  
105 43.3 22.4 62.4

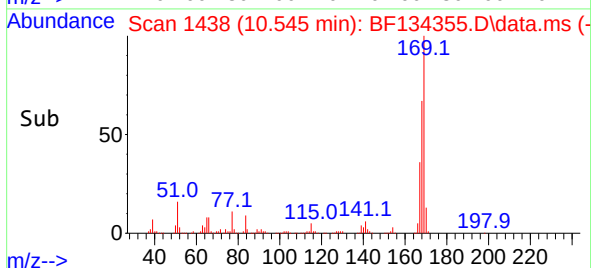
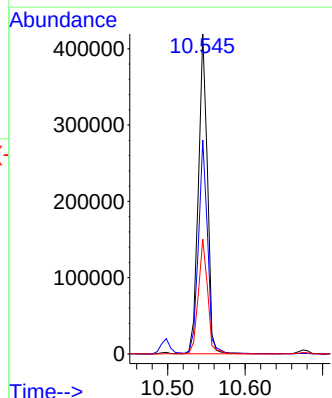
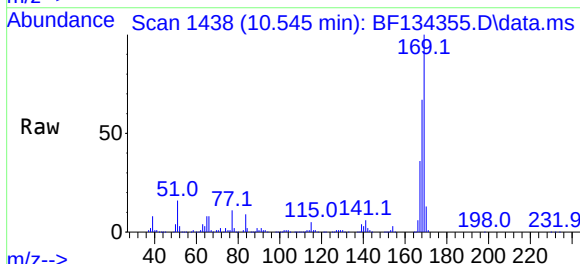
Manual Integrations  
APPROVED

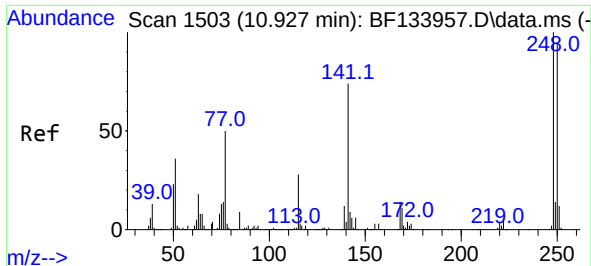
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#66  
n-Nitrosodiphenylamine  
Concen: 40.149 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:169 Resp: 340118  
Ion Ratio Lower Upper  
169 100  
168 66.8 52.3 78.5  
167 35.9 29.4 44.0





#67  
4-Bromophenyl-phenylether  
Concen: 42.876 ng  
RT: 10.916 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

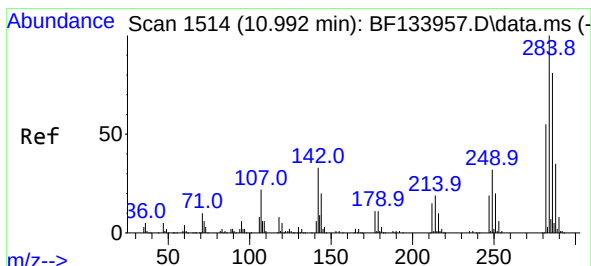
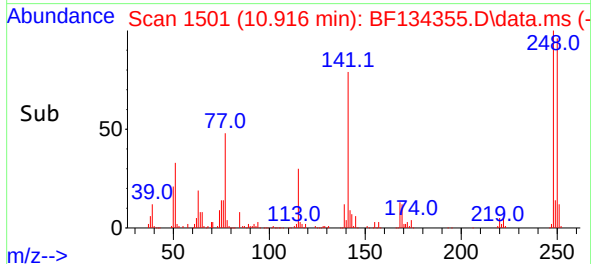
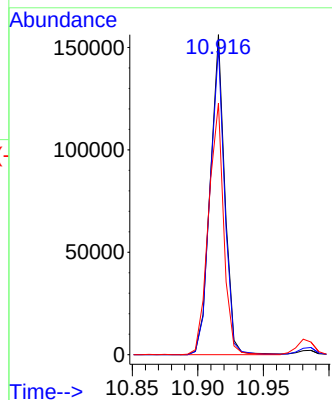
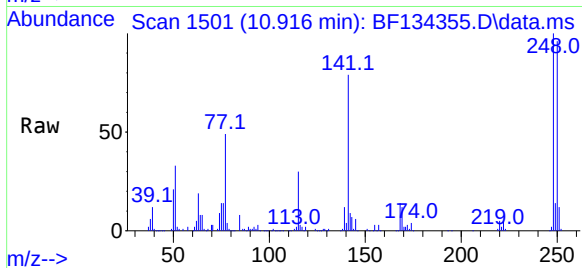
SSTDCCC040

Tgt Ion:248 Resp: 12083  
Ion Ratio Lower Upper  
248 100  
250 96.3 76.2 114.4  
141 78.6 59.0 88.4

Manual Integrations

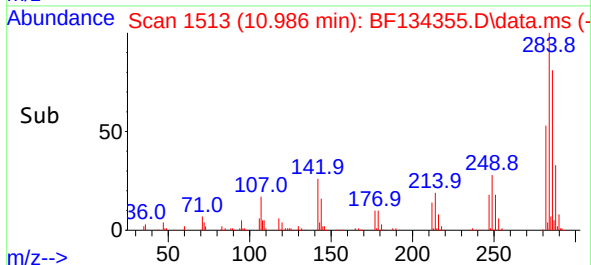
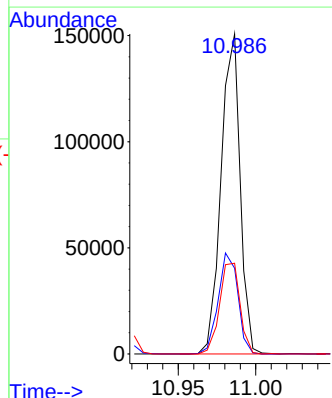
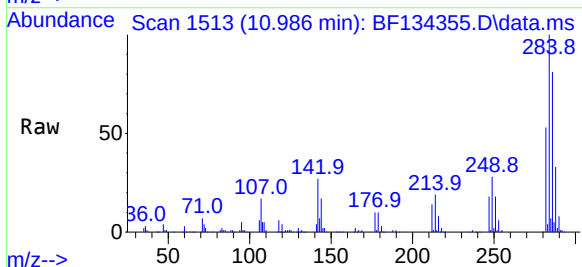
APPROVED

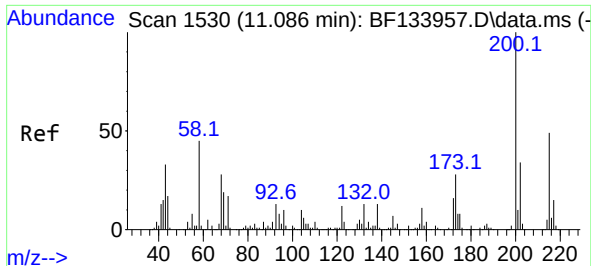
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#68  
Hexachlorobenzene  
Concen: 43.048 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

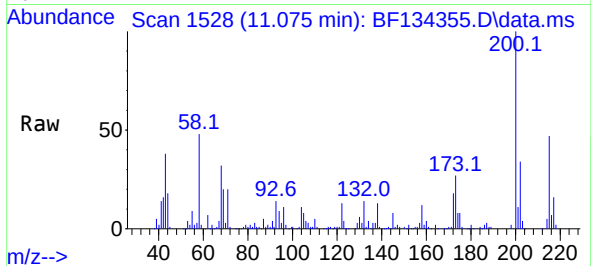
Tgt Ion:284 Resp: 128810  
Ion Ratio Lower Upper  
284 100  
142 26.8 26.6 40.0  
249 28.3 25.5 38.3





#69  
Atrazine  
Concen: 40.861 ng  
RT: 11.075 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

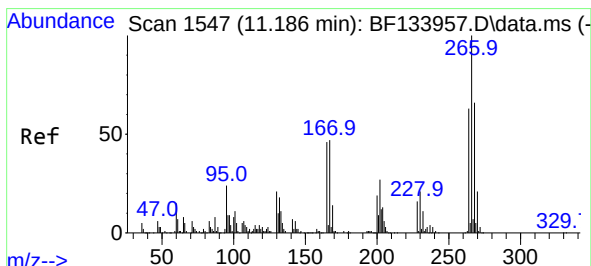
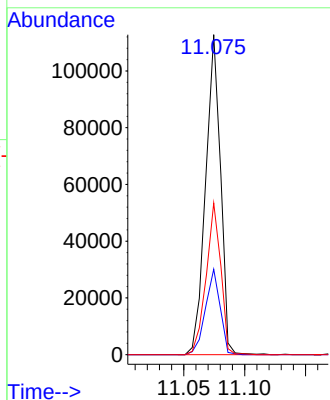
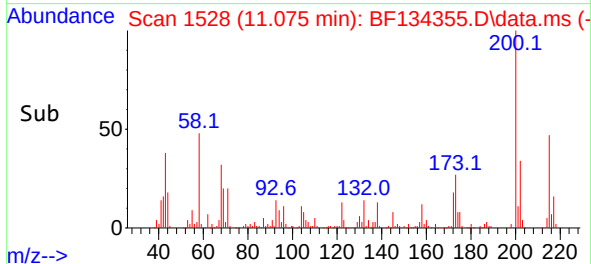
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



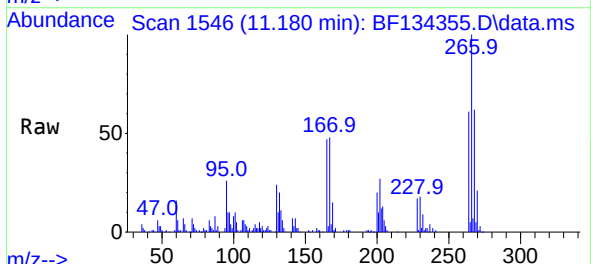
Tgt Ion:200 Resp: 95748  
Ion Ratio Lower Upper  
200 100  
173 26.7 8.0 48.0  
215 47.4 29.3 69.3

Manual Integrations  
APPROVED

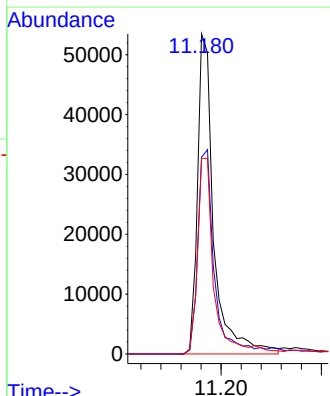
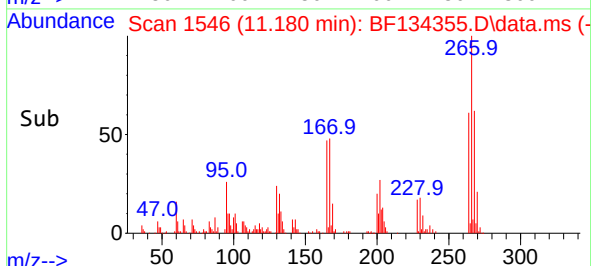
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

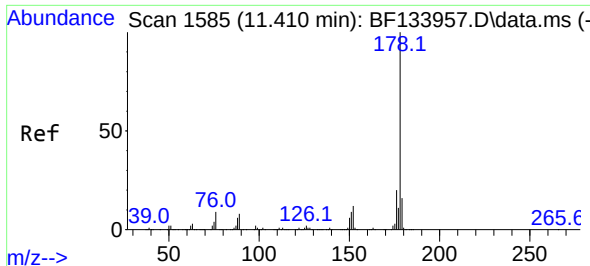


#70  
Pentachlorophenol  
Concen: 33.700 ng  
RT: 11.180 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



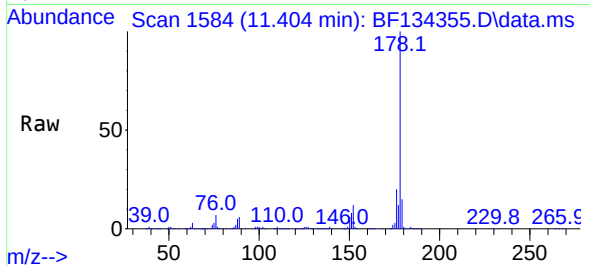
Tgt Ion:266 Resp: 60293  
Ion Ratio Lower Upper  
266 100  
268 61.5 52.6 79.0  
264 61.1 50.6 76.0





#71  
Phenanthrene  
Concen: 40.386 ng  
RT: 11.404 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

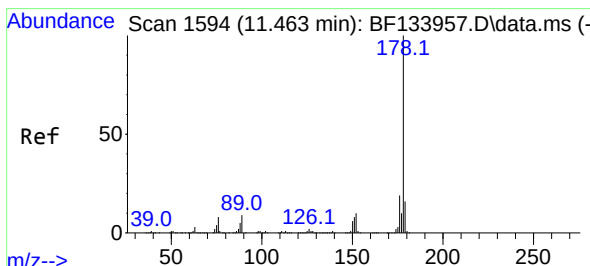
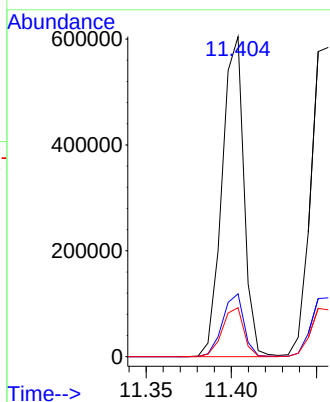
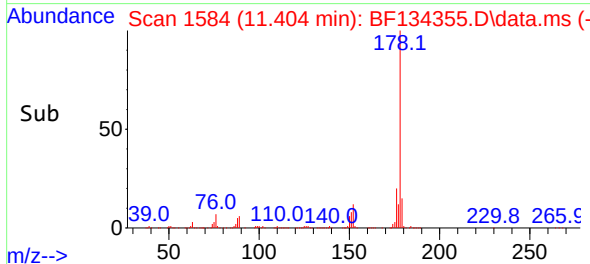
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 539058  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 15.3 12.4 18.6

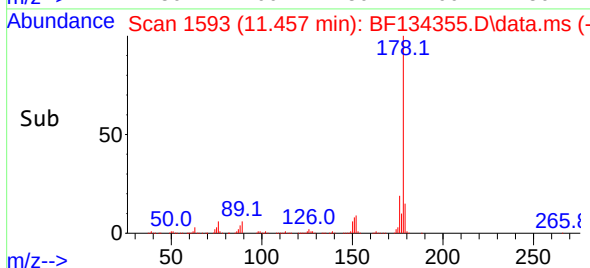
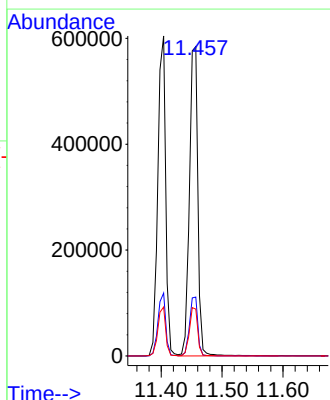
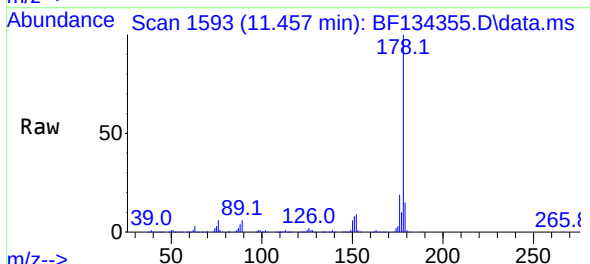
Manual Integrations  
APPROVED

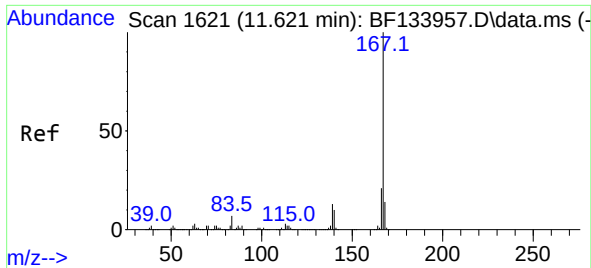
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#72  
Anthracene  
Concen: 40.290 ng  
RT: 11.457 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:178 Resp: 559349  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.1 12.4 18.6





#73  
 Carbazole  
 Concen: 40.284 ng  
 RT: 11.610 min Scan# 1619  
 Delta R.T. -0.006 min  
 Lab File: BF134355.D  
 Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

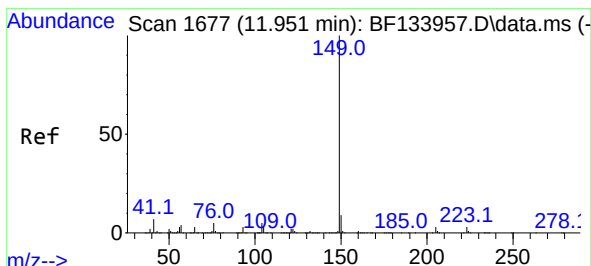
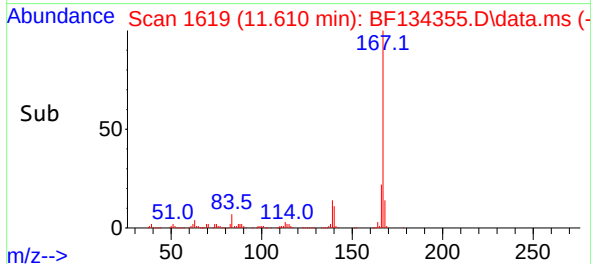
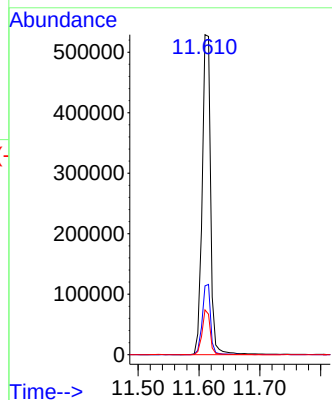
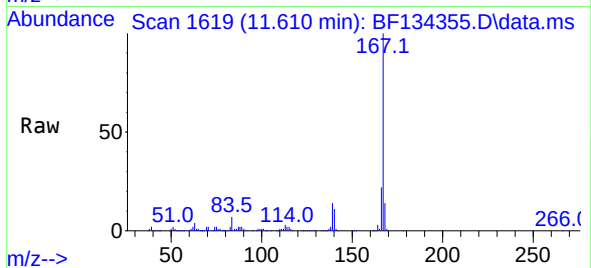
SSTDCCC040

Tgt Ion:167 Resp: 511909  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.0 25.6  
 139 14.0 10.4 15.6

Manual Integrations

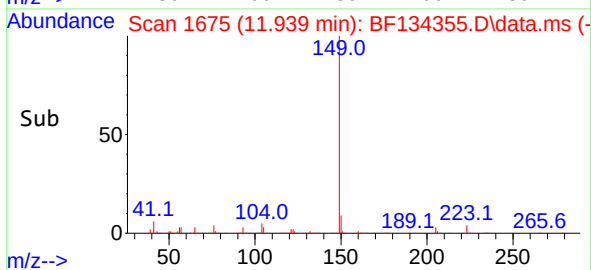
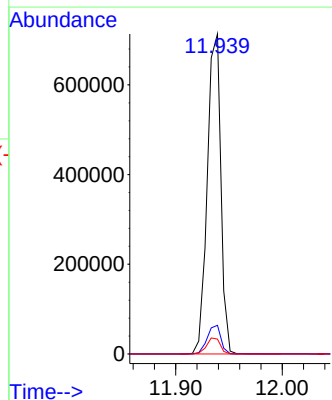
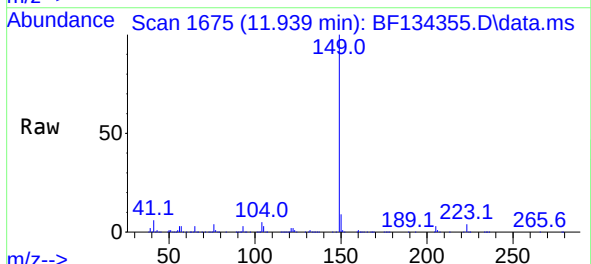
APPROVED

Reviewed By :Yogesh Patel 07/20/2023  
 Supervised By :mohammad ahmed 07/20/2023

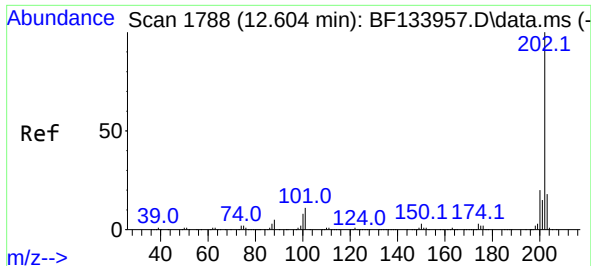


#74  
 Di-n-butylphthalate  
 Concen: 41.848 ng  
 RT: 11.939 min Scan# 1675  
 Delta R.T. 0.000 min  
 Lab File: BF134355.D  
 Acq: 19 Jul 2023 13:01

Tgt Ion:149 Resp: 632388  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.1 10.7  
 104 4.6 4.0 6.0







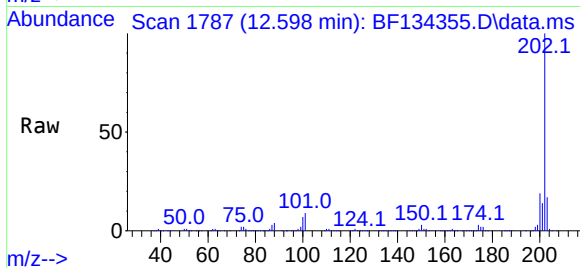
#75  
Fluoranthene  
Concen: 41.885 ng  
RT: 12.598 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



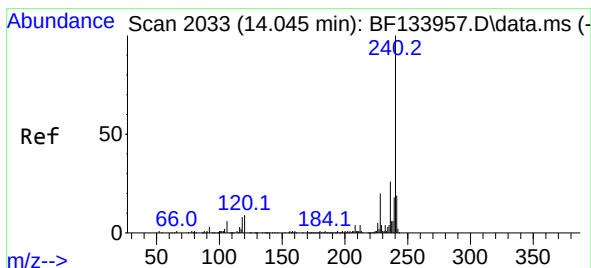
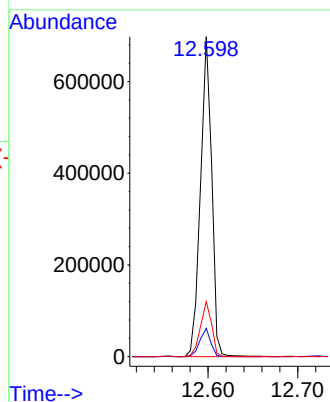
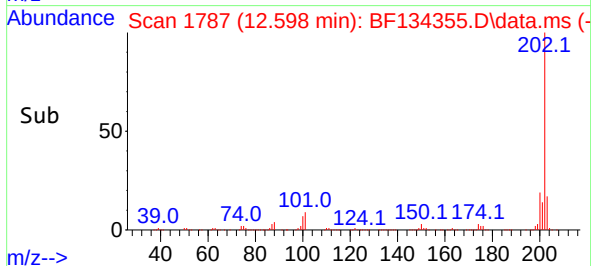
Tgt Ion:202 Resp: 604408  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 31.0  
203 17.2 0.0 37.6

Manual Integrations

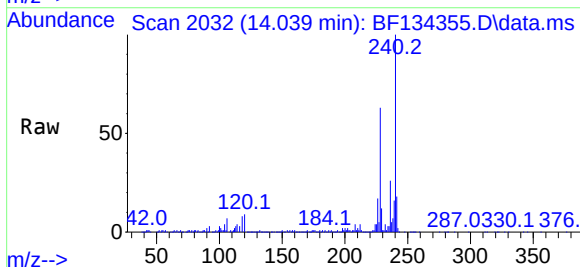
APPROVED

Reviewed By :Yogesh Patel 07/20/2023

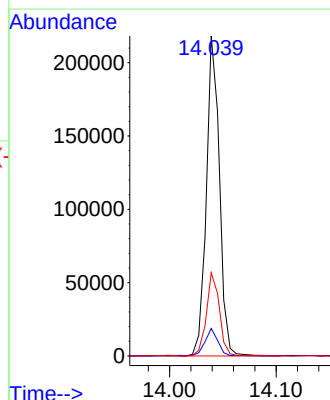
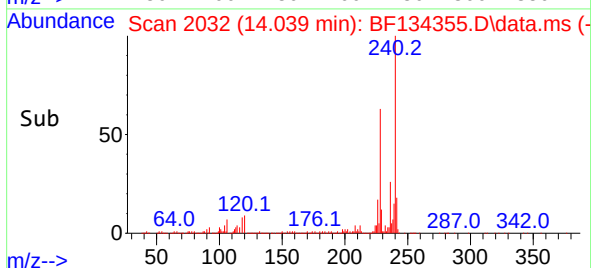
Supervised By :mohammad ahmed 07/20/2023

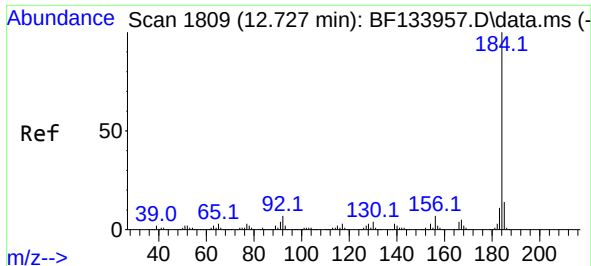


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:240 Resp: 186886  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.4 11.0  
236 26.0 21.0 31.6





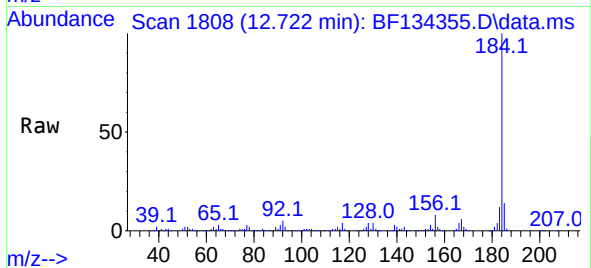
#77  
Benzidine  
Concen: 38.481 ng  
RT: 12.722 min Scan# 1808  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

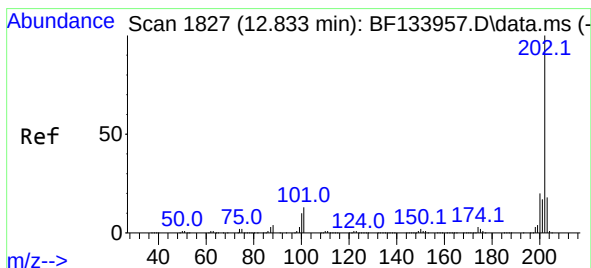
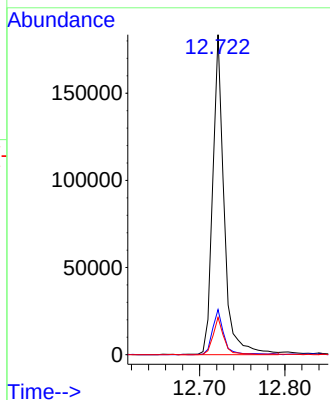
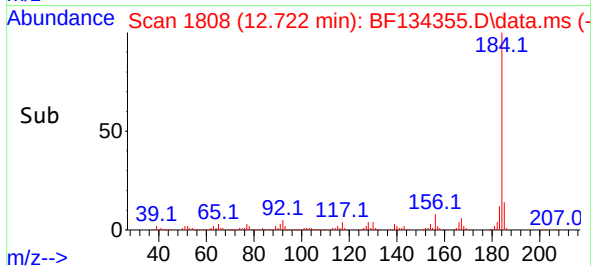


Tgt Ion:184 Resp: 171120  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.6 17.4  
183 11.6 8.8 13.2

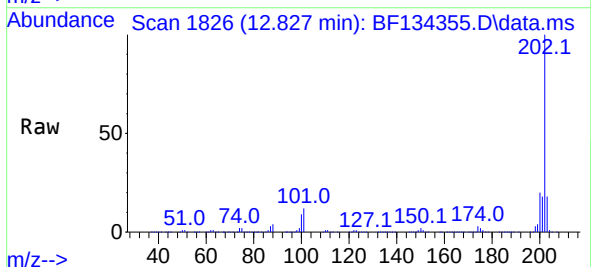
Manual Integrations

APPROVED

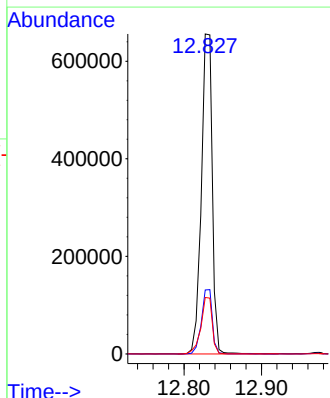
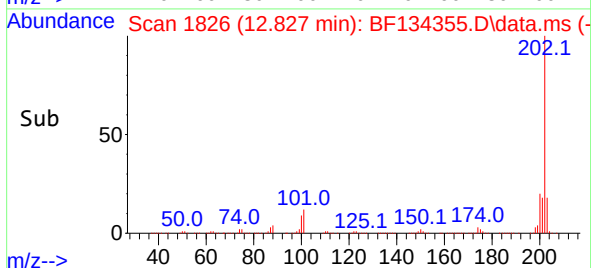
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

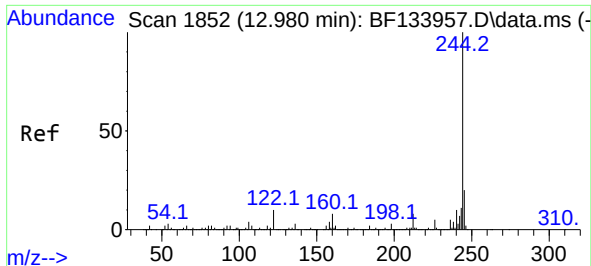


#78  
Pyrene  
Concen: 36.954 ng  
RT: 12.827 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:202 Resp: 642712  
Ion Ratio Lower Upper  
202 100  
200 20.0 16.1 24.1  
203 17.6 14.3 21.5





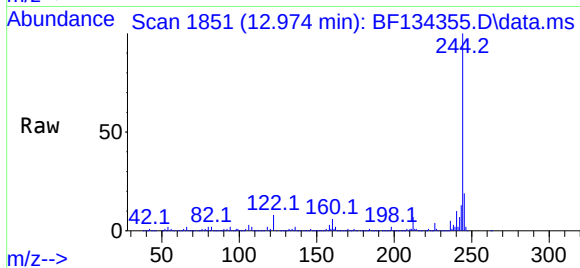
#79  
Terphenyl-d14  
Concen: 77.204 ng  
RT: 12.974 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



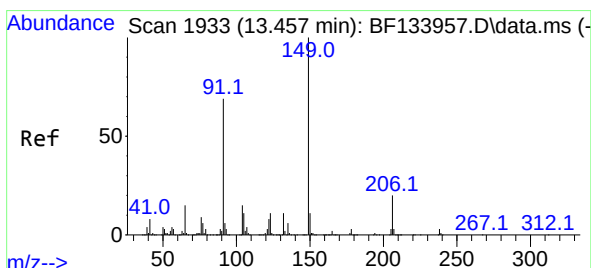
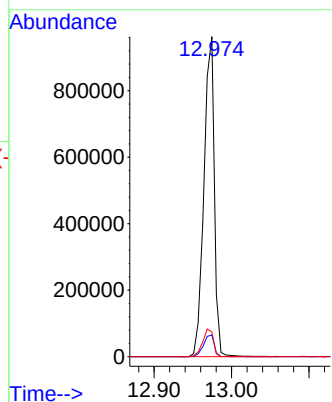
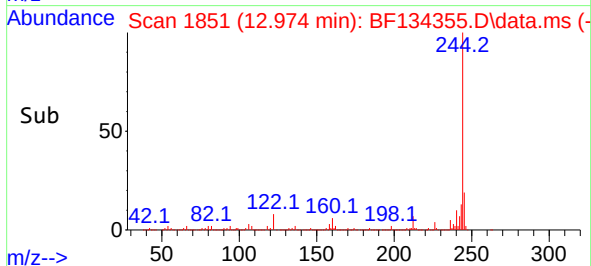
Tgt Ion:244 Resp: 896489  
Ion Ratio Lower Upper  
244 100  
212 6.8 6.0 9.0  
122 7.7 8.3 12.5

Manual Integrations

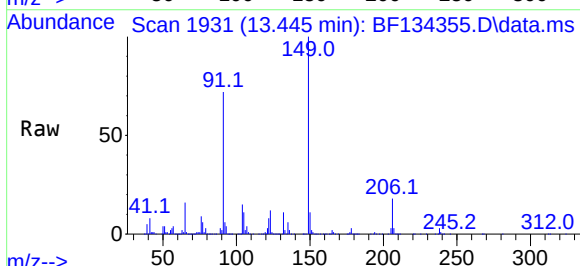
APPROVED

Reviewed By :Yogesh Patel 07/20/2023

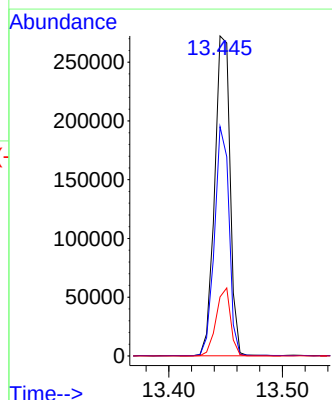
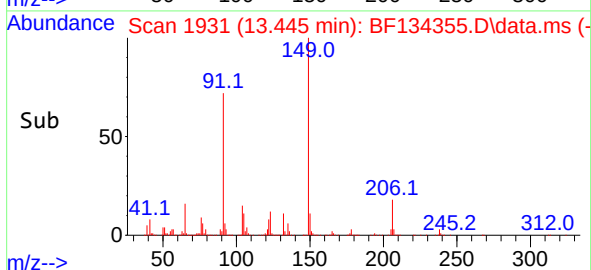
Supervised By :mohammad ahmed 07/20/2023

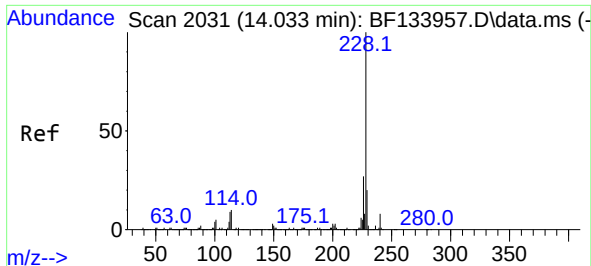


#80  
Butylbenzylphthalate  
Concen: 39.421 ng  
RT: 13.445 min Scan# 1931  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:149 Resp: 257138  
Ion Ratio Lower Upper  
149 100  
91 71.7 55.1 82.7  
206 18.5 15.7 23.5





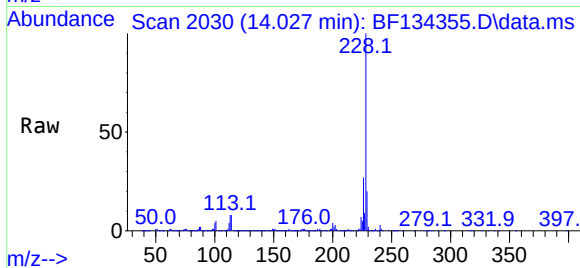
#81  
Benzo(a)anthracene  
Concen: 39.737 ng  
RT: 14.027 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNF\_F

ClientSampleId :

SSTDCCC040

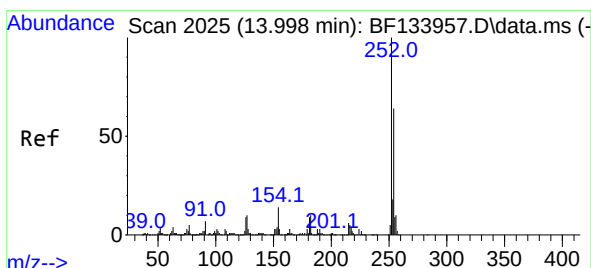
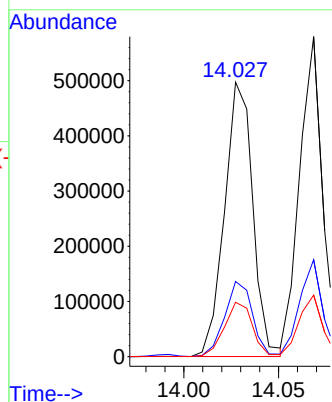
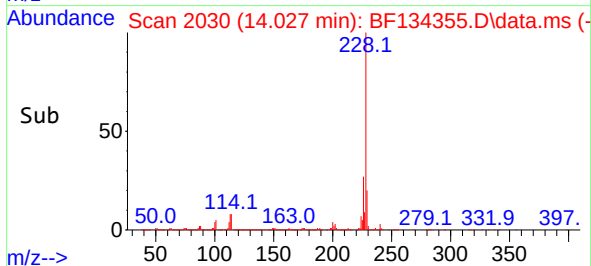


Tgt Ion:228 Resp: 51503  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.0 33.0  
229 19.8 16.3 24.5

Manual Integrations

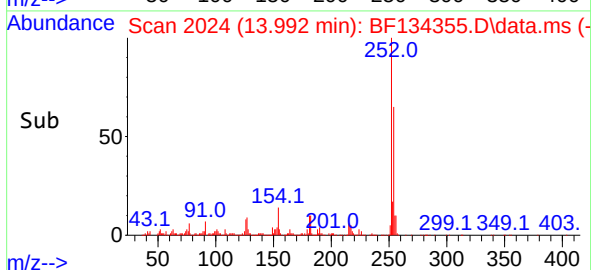
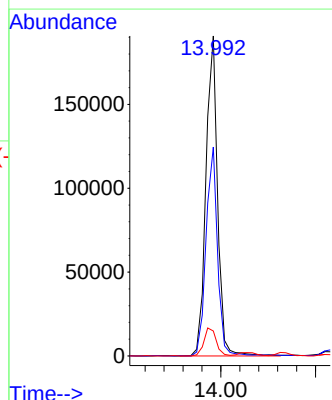
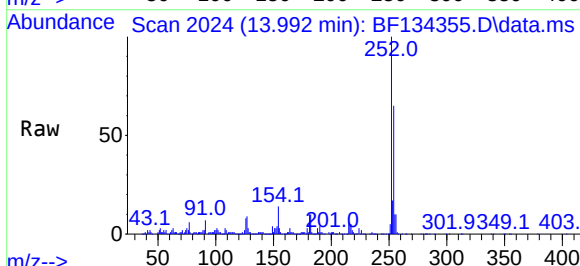
APPROVED

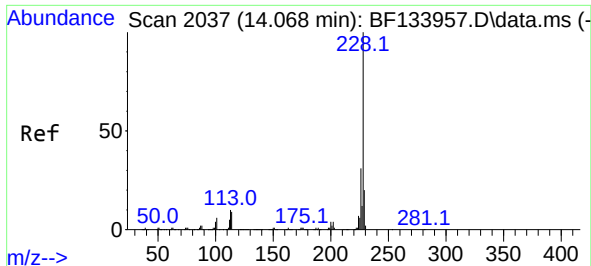
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 39.756 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:252 Resp: 163249  
Ion Ratio Lower Upper  
252 100  
254 65.3 51.4 77.0  
126 7.8 7.4 11.2





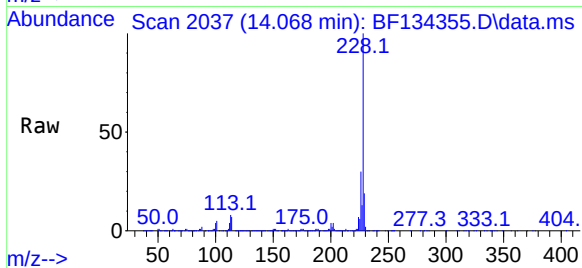
#83  
Chrysene  
Concen: 38.966 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

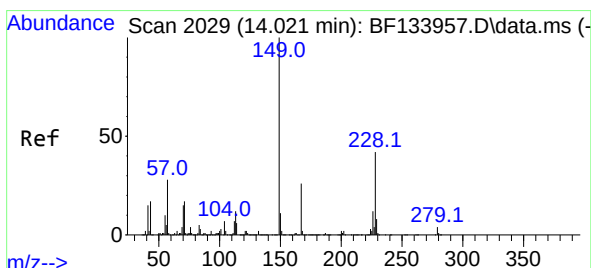
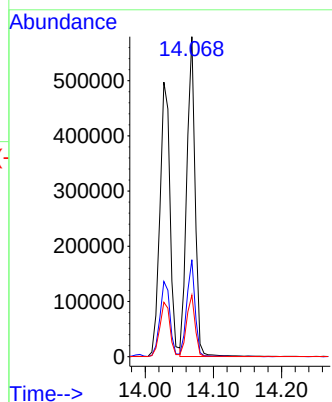
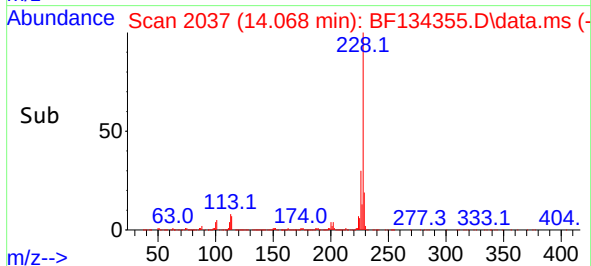


Tgt Ion:228 Resp: 48915  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.4 36.6  
229 19.2 16.1 24.1

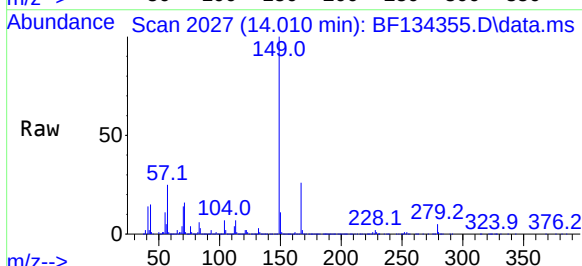
Manual Integrations

APPROVED

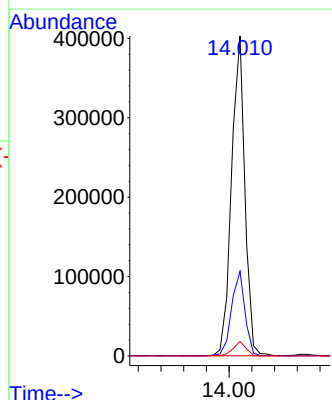
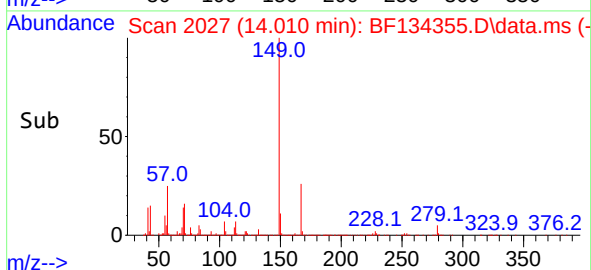
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023

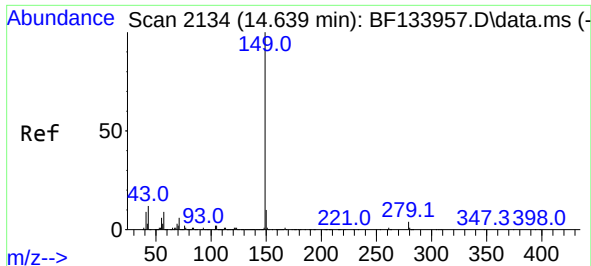


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.689 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:149 Resp: 327459  
Ion Ratio Lower Upper  
149 100  
167 26.5 21.0 31.4  
279 4.5 3.3 4.9





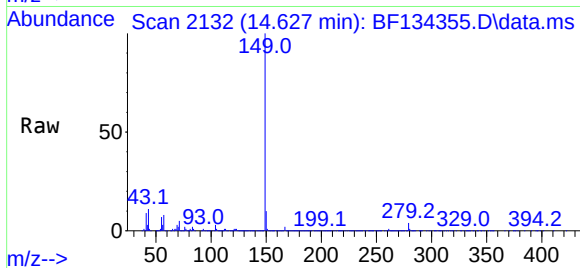
#85  
Di-n-octyl phthalate  
Concen: 43.496 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

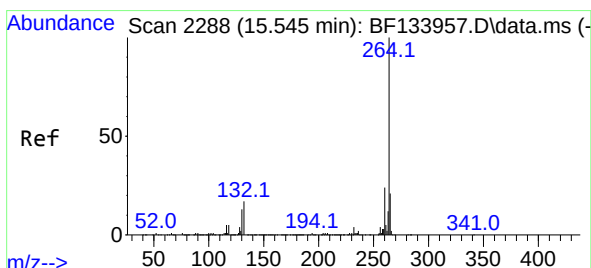
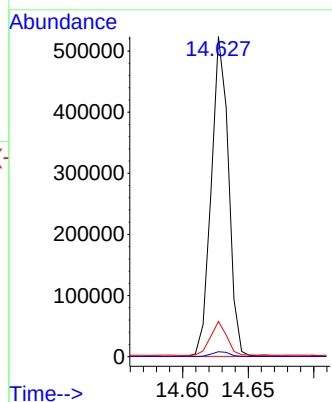
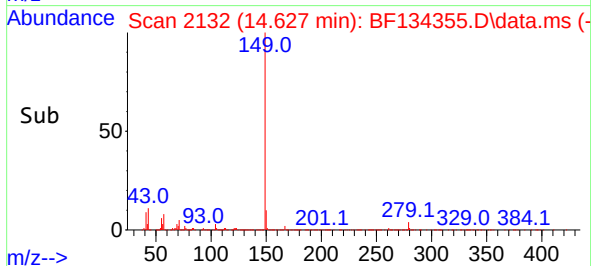


Tgt Ion:149 Resp: 479020  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.2 9.0 13.4

Manual Integrations

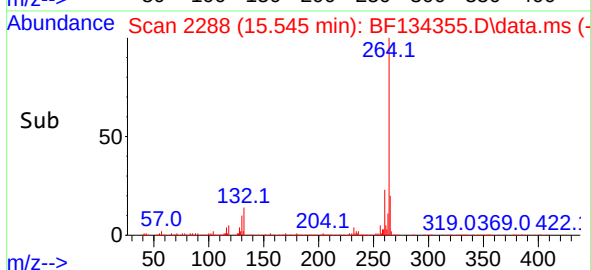
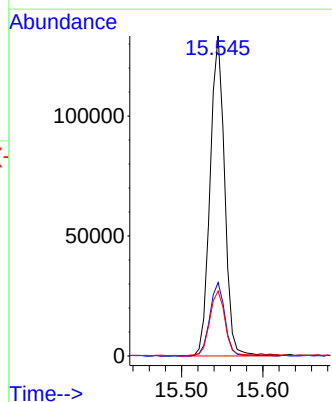
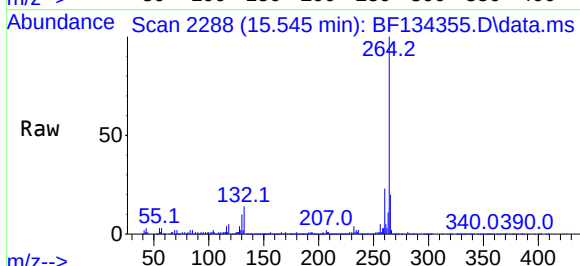
APPROVED

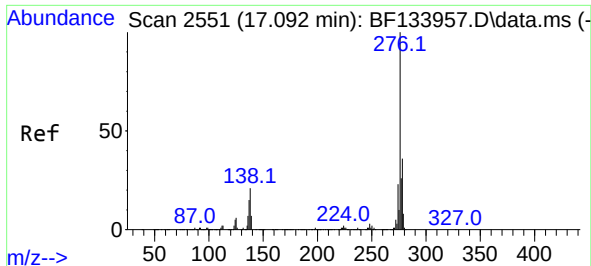
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:264 Resp: 165841  
Ion Ratio Lower Upper  
264 100  
260 23.0 19.5 29.3  
265 20.3 16.6 25.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.847 ng  
RT: 17.104 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

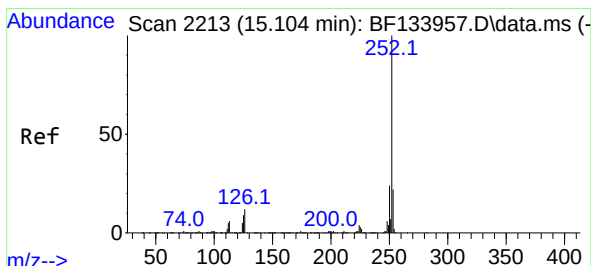
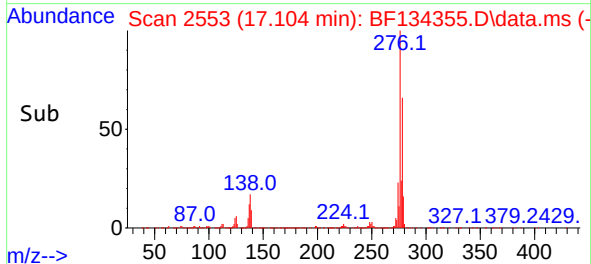
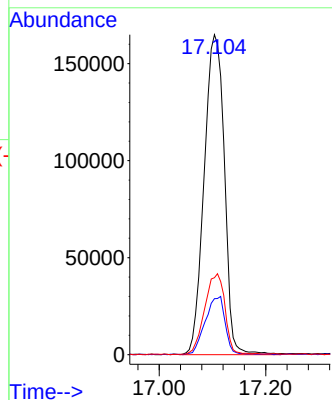
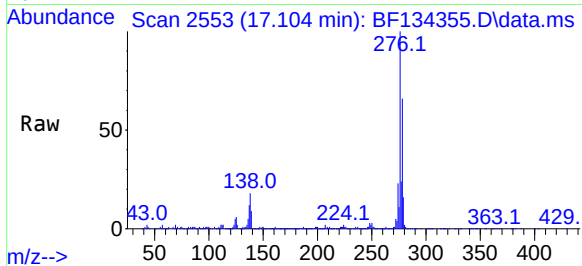
SSTDCCC040

Tgt Ion:276 Resp: 435530  
Ion Ratio Lower Upper  
276 100  
138 18.0 18.7 28.1  
277 25.5 19.9 29.9

Manual Integrations

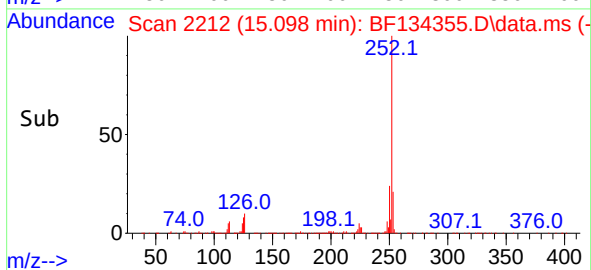
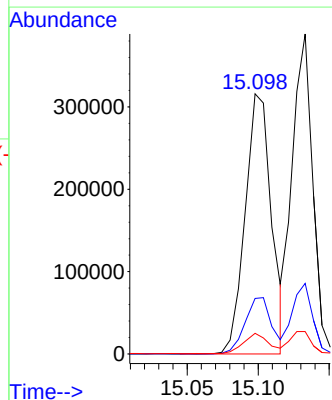
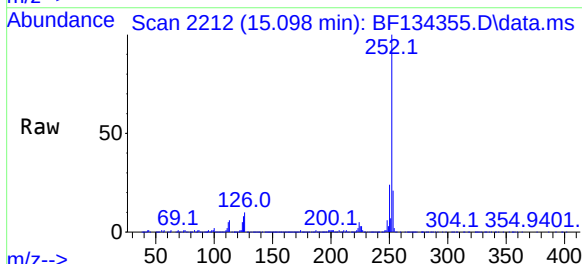
APPROVED

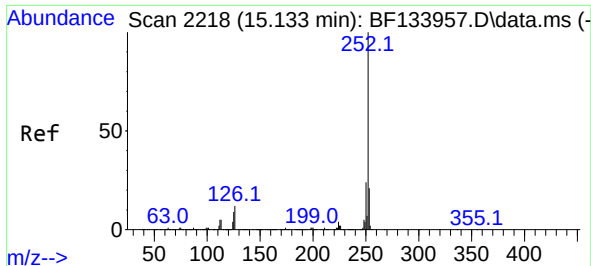
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#88  
Benzo(b)fluoranthene  
Concen: 41.714 ng  
RT: 15.098 min Scan# 2212  
Delta R.T. -0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:252 Resp: 406782  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.4 26.0  
125 7.9 7.1 10.7





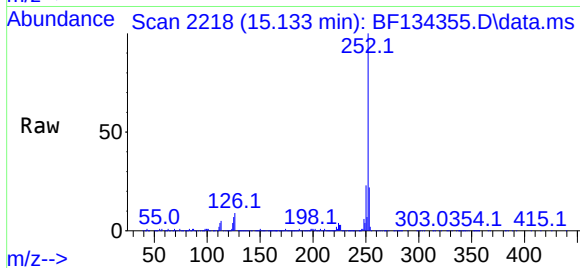
#89  
Benzo(k)fluoranthene  
Concen: 39.456 ng m  
RT: 15.133 min Scan# 2218  
Delta R.T. 0.000 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNF

ClientSampleId :

SSTDCCC040

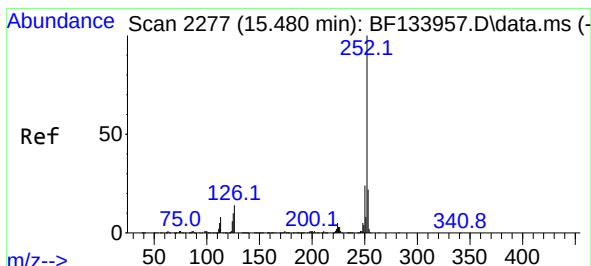
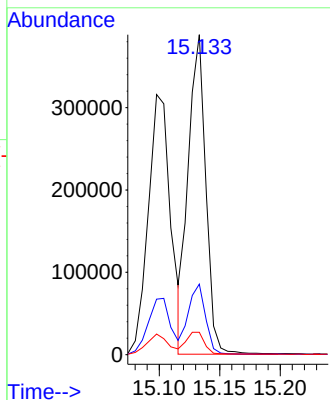
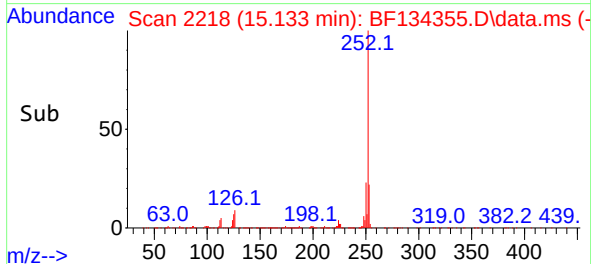


Tgt Ion:252 Resp: 391740  
Ion Ratio Lower Upper  
252 100  
253 22.1 16.9 25.3  
125 7.0 7.4 11.2

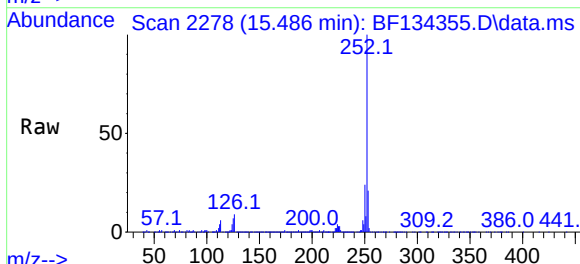
Manual Integrations

APPROVED

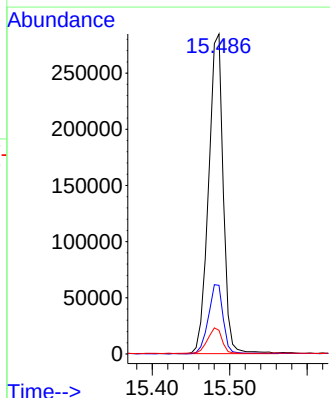
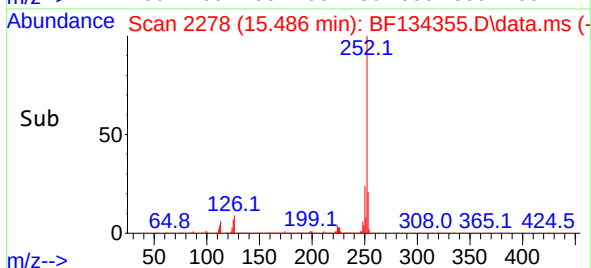
Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



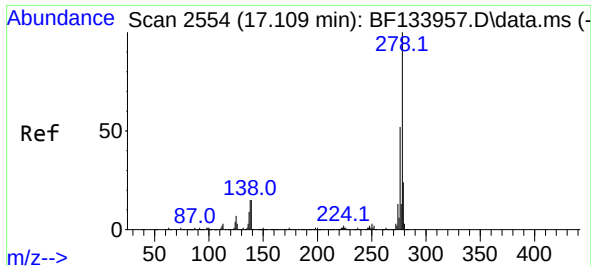
#90  
Benzo(a)pyrene  
Concen: 39.568 ng  
RT: 15.486 min Scan# 2278  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01



Tgt Ion:252 Resp: 373115  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.4 26.0  
125 7.4 8.4 12.6







#91  
Dibenzo(a,h)anthracene  
Concen: 38.062 ng  
RT: 17.115 min Scan# 2555  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Instrument :

BNA\_F

ClientSampleId :

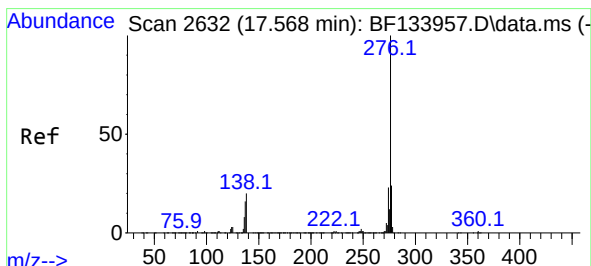
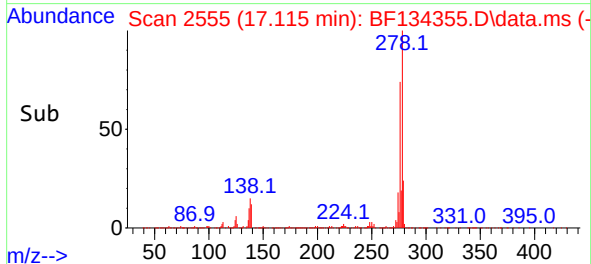
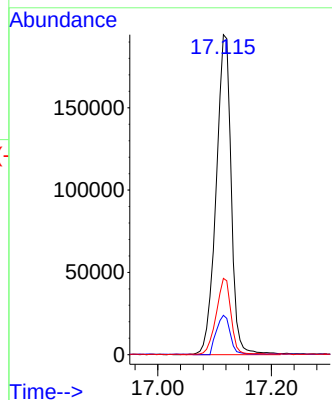
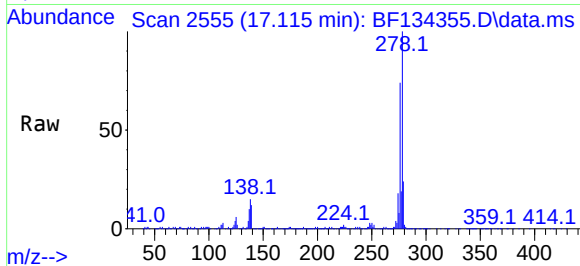
SSTDCCC040

Tgt Ion:278 Resp: 357758  
Ion Ratio Lower Upper  
278 100  
139 12.3 12.2 18.4  
279 23.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023  
Supervised By :mohammad ahmed 07/20/2023



#92  
Benzo(g,h,i)perylene  
Concen: 36.272 ng  
RT: 17.574 min Scan# 2633  
Delta R.T. 0.006 min  
Lab File: BF134355.D  
Acq: 19 Jul 2023 13:01

Tgt Ion:276 Resp: 351581  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.6  
138 16.1 16.2 24.2#

