

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102224\  
 Data File : BF139917.D  
 Acq On : 22 Oct 2024 09:39  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 11:02:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 157034   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 594103   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 330233   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 578135   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 280536   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 304746   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 792102   | 78.965 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1010763  | 77.800 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 903028   | 84.243 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 267638   | 86.645 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1560826  | 78.114 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1495313  | 86.855 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.663  | 88   | 175316   | 37.485 | ng    | 96       |
| 3) Pyridine                   | 3.428  | 79   | 440722   | 38.017 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 230336   | 36.981 | ng    | 99       |
| 6) Aniline                    | 6.557  | 93   | 474202   | 39.164 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 411136   | 40.092 | ng    | 99       |
| 9) Benzaldehyde               | 6.445  | 77   | 286517   | 39.203 | ng    | 98       |
| 10) Phenol                    | 6.528  | 94   | 522284m  | 38.994 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 402500   | 38.880 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 470288   | 39.951 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 474070   | 40.310 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 441672   | 40.239 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 377244   | 39.585 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 662610   | 37.537 | ng    | 98       |
| 17) 2-Methylphenol            | 7.134  | 107  | 343455   | 39.278 | ng    | 100      |
| 18) Hexachloroethane          | 7.404  | 117  | 169645   | 40.451 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 296747   | 37.661 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 440628   | 39.396 | ng    | # 86     |
| 22) Acetophenone              | 7.298  | 105  | 567546   | 39.002 | ng    | 99       |
| 24) Nitrobenzene              | 7.475  | 77   | 477214   | 40.605 | ng    | 99       |
| 25) Isophorone                | 7.710  | 82   | 796423   | 39.145 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 206070   | 46.478 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 289948   | 39.219 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 482543   | 39.147 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 341734   | 40.582 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 380695   | 40.857 | ng    | 98       |
| 31) Naphthalene               | 8.198  | 128  | 1225906  | 40.010 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 286938   | 44.500 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 417075   | 39.919 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 242379   | 41.401 | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 105882   | 39.545 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 370787   | 39.766 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 746472   | 39.779 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 731982   | 39.758 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 360354   | 40.448 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 143286   | 46.222 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 269189   | 42.677 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102224\  
 Data File : BF139917.D  
 Acq On : 22 Oct 2024 09:39  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 11:02:29 2024

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

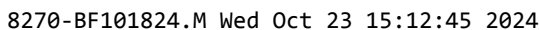
Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 263183   | 40.442 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 910650   | 39.612 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 741422   | 40.043 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 243026   | 42.915 | ng    | 93       |
| 49) Acenaphthylene            | 9.792  | 152  | 1060749  | 39.627 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 820693   | 39.899 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 190126   | 42.689 | ng    | 99       |
| 52) Acenaphthene              | 9.963  | 154  | 702273   | 40.556 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 191523   | 41.700 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 89411    | 50.904 | ng    | # 9      |
| 55) Dibenzofuran              | 10.133 | 168  | 981598   | 39.509 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 156168   | 44.196 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 252856   | 46.168 | ng    | 99       |
| 58) Fluorene                  | 10.480 | 166  | 747301   | 39.491 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 214535   | 42.053 | ng    | 97       |
| 60) Diethylphthalate          | 10.351 | 149  | 796944   | 39.460 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 388061   | 40.608 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 187391   | 43.200 | ng    | 96       |
| 63) Azobenzene                | 10.633 | 77   | 824845   | 38.524 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 126995   | 53.853 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 681909   | 39.409 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 242840   | 40.773 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 270916   | 40.445 | ng    | 97       |
| 69) Atrazine                  | 11.110 | 200  | 192753   | 41.123 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 186612   | 45.904 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1066175  | 39.042 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1053026  | 39.521 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 965787   | 38.974 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1112257  | 38.850 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 1090098  | 39.486 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 233192   | 50.551 | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 1092350  | 44.484 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 310703   | 42.204 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 728511   | 39.892 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 234479   | 44.037 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 673549   | 40.226 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 366338   | 44.352 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 658693   | 43.844 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 899248   | 45.868 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 738627   | 39.789 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 589817   | 36.841 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 614376   | 40.221 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.056 | 278  | 743480   | 45.459 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 770798   | 47.183 | ng    | 98       |

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

## Manual Integrations

Quant Time: Oct 22 11:02:29 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 18 15:07:50 2024  
Response via : Initial Calibration





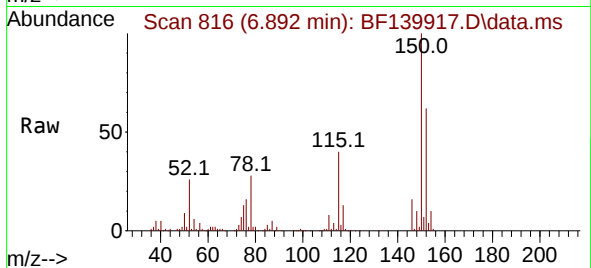
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

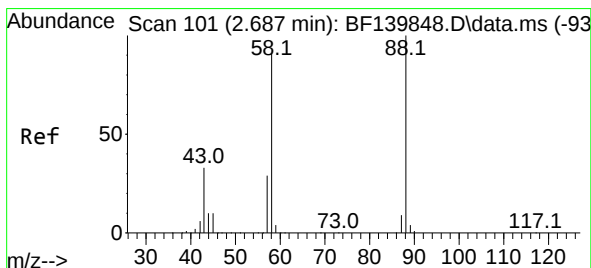
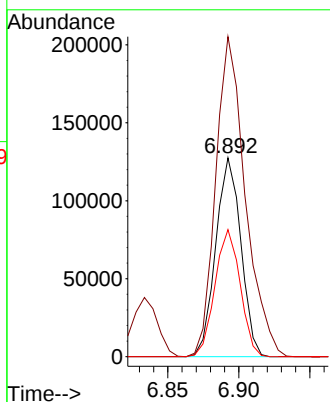
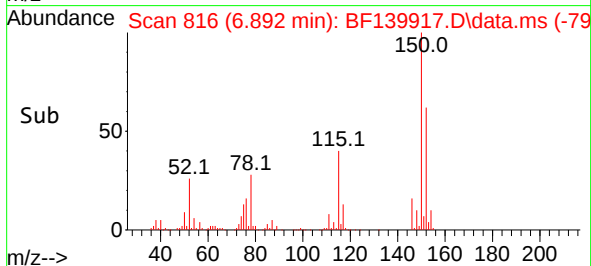


Tgt Ion:152 Resp: 157034  
Ion Ratio Lower Upper  
152 100  
150 160.8 130.2 195.2  
115 63.9 51.4 77.2

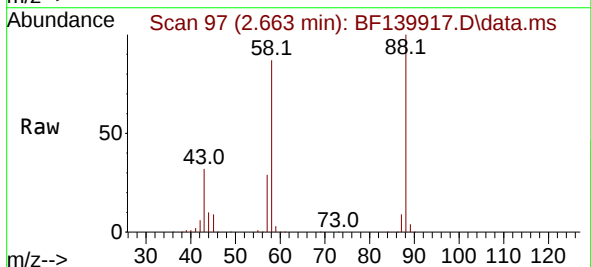
Manual Integrations

APPROVED

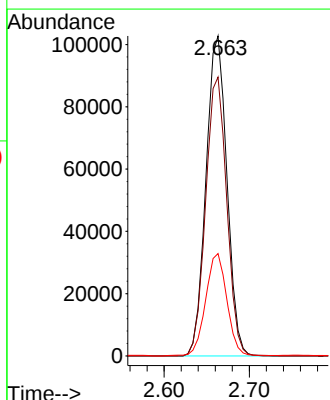
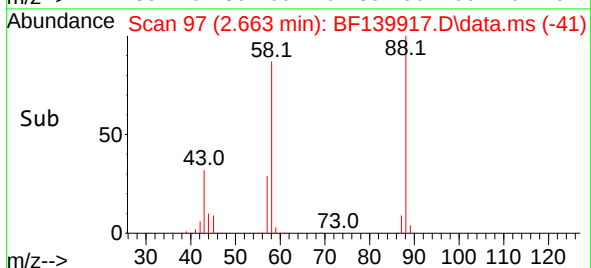
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

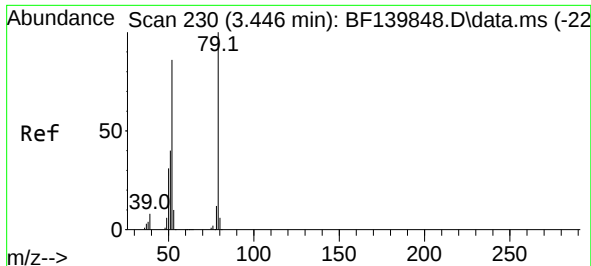


#2  
1,4-Dioxane  
Concen: 37.485 ng  
RT: 2.663 min Scan# 97  
Delta R.T. -0.023 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



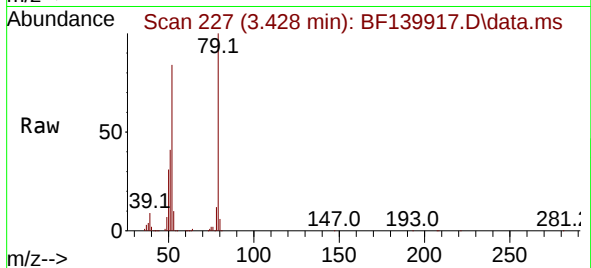
Tgt Ion: 88 Resp: 175316  
Ion Ratio Lower Upper  
88 100  
58 87.6 73.3 109.9  
43 32.7 27.1 40.7





#3  
Pyridine  
Concen: 38.017 ng  
RT: 3.428 min Scan# 218  
Delta R.T. -0.018 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

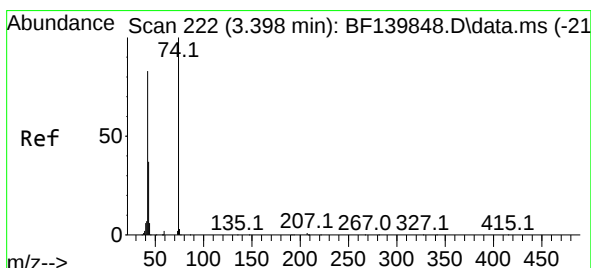
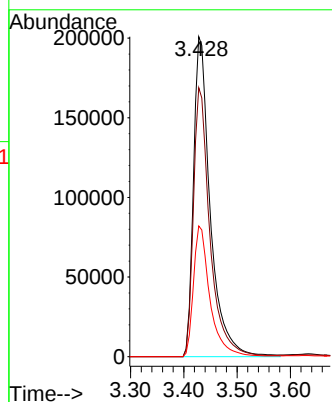
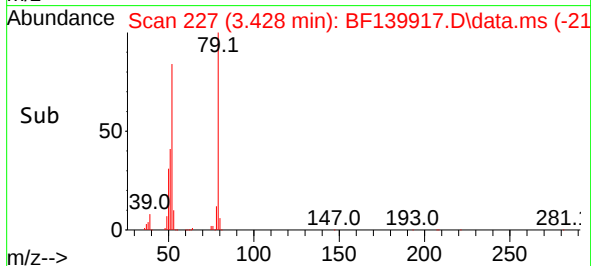
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



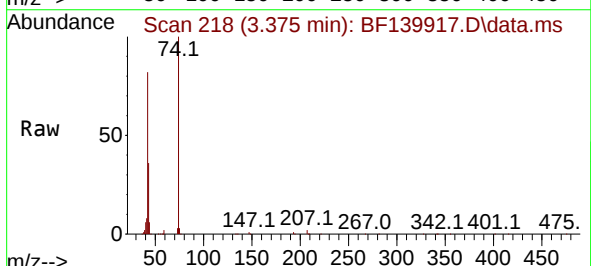
Tgt Ion: 79 Resp: 44072  
Ion Ratio Lower Upper  
79 100  
52 84.1 68.5 102.7  
51 40.9 32.3 48.5

Manual Integrations  
APPROVED

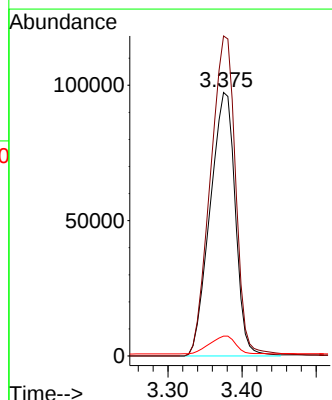
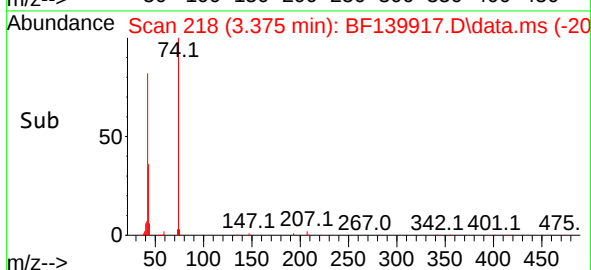
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#4  
n-Nitrosodimethylamine  
Concen: 36.981 ng  
RT: 3.375 min Scan# 218  
Delta R.T. -0.023 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion: 42 Resp: 230336  
Ion Ratio Lower Upper  
42 100  
74 121.4 96.2 144.4  
44 7.5 6.2 9.2





#5  
2-Fluorophenol  
Concen: 78.965 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

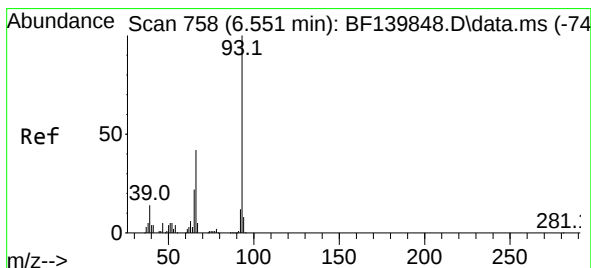
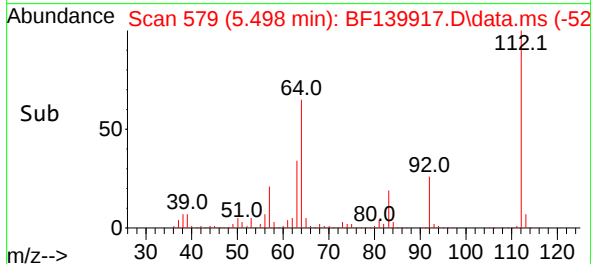
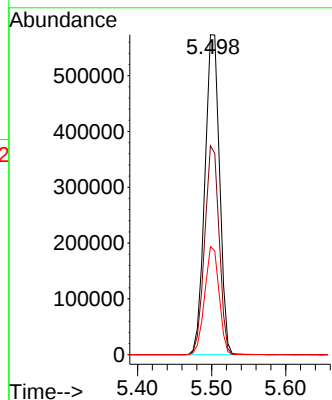
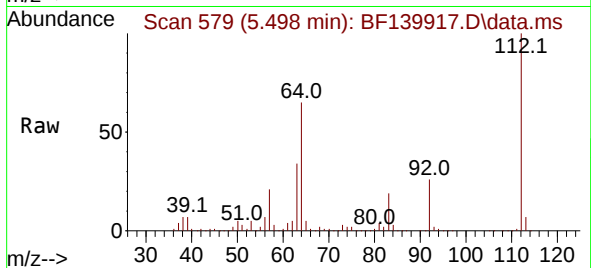
SSTDCCC040

Tgt Ion:112 Resp: 79210  
Ion Ratio Lower Upper  
112 100  
64 65.3 53.0 79.6  
63 33.7 27.0 40.4

Manual Integrations

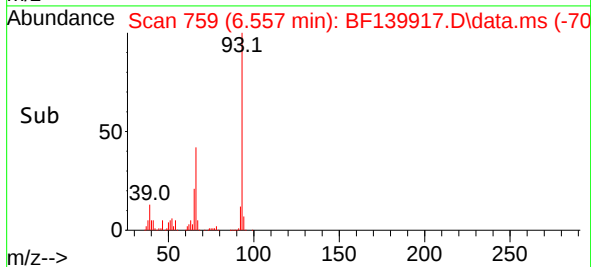
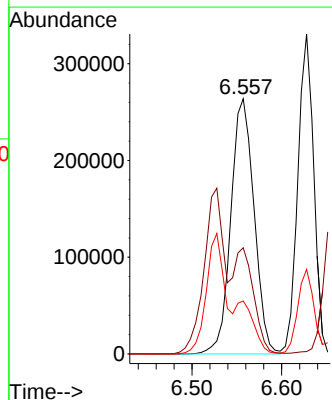
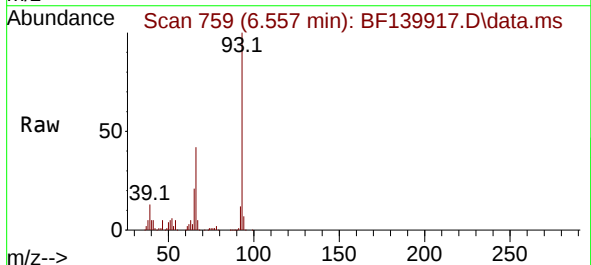
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#6  
Aniline  
Concen: 39.164 ng  
RT: 6.557 min Scan# 759  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

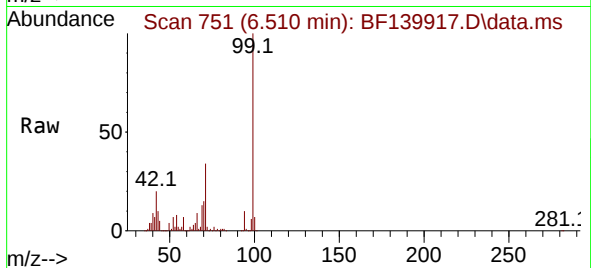
Tgt Ion: 93 Resp: 474202  
Ion Ratio Lower Upper  
93 100  
66 41.6 34.0 51.0  
65 20.7 17.4 26.0





#7  
Phenol-d6  
Concen: 77.800 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

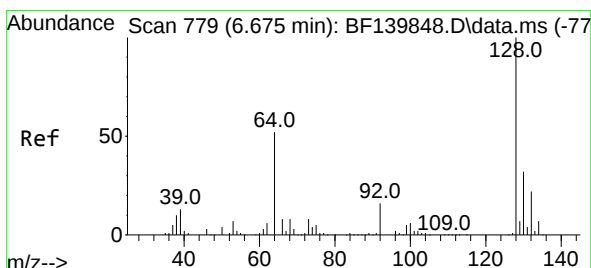
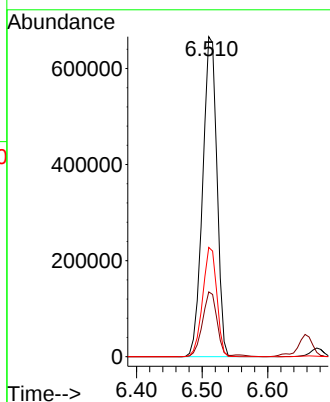
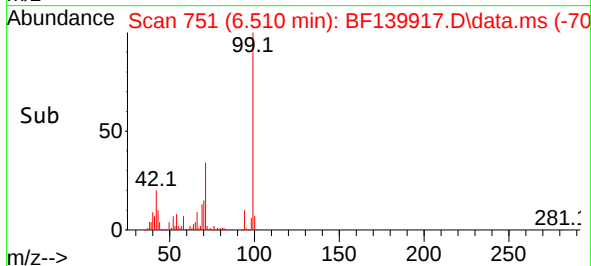
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 101076  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.7 25.1  
71 34.1 27.7 41.5

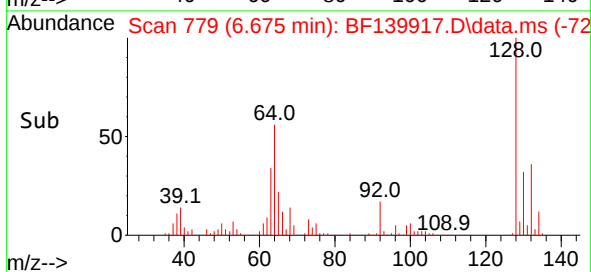
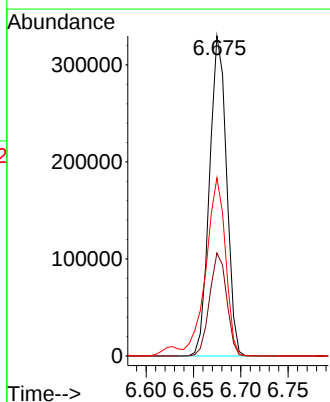
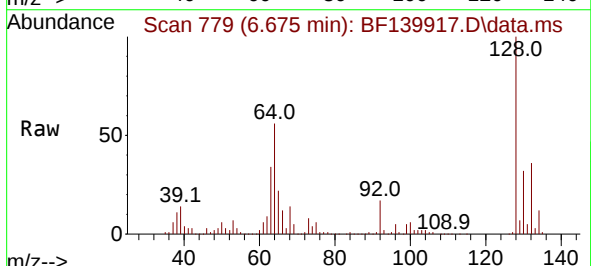
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#8  
2-Chlorophenol  
Concen: 40.092 ng  
RT: 6.675 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion:128 Resp: 411136  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.3 52.3  
64 55.6 34.6 74.6





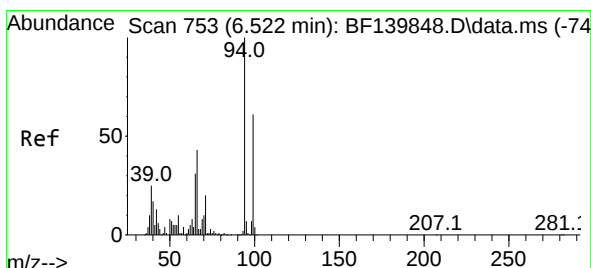
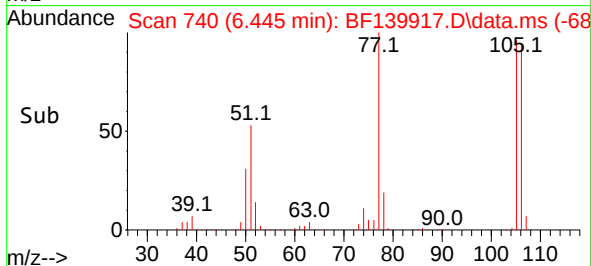
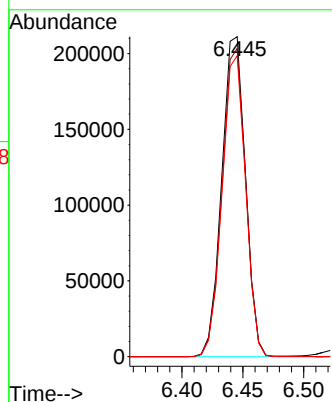
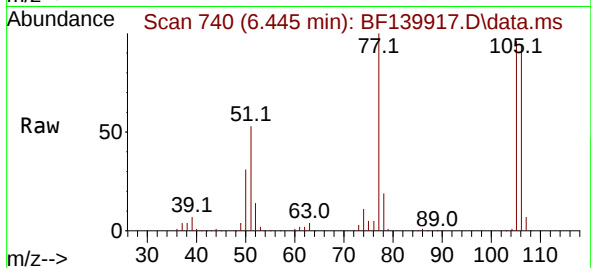
#9  
Benzaldehyde  
Concen: 39.203 ng  
RT: 6.445 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 28651  
Ion Ratio Lower Upper  
77 100  
105 96.3 75.5 115.5  
106 94.0 71.7 111.7

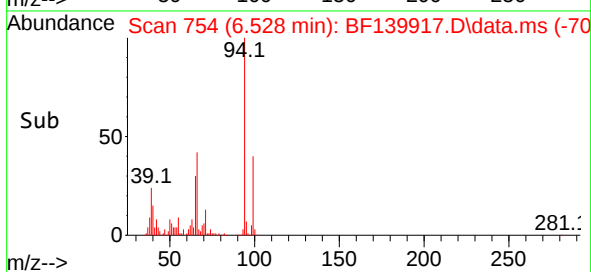
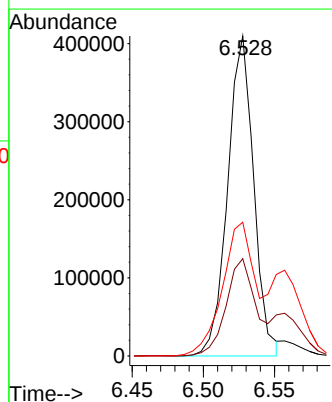
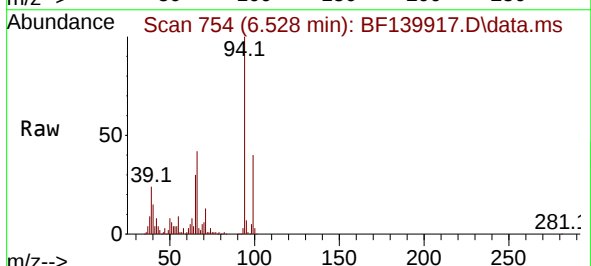
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#10  
Phenol  
Concen: 38.994 ng m  
RT: 6.528 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion: 94 Resp: 522284  
Ion Ratio Lower Upper  
94 100  
65 30.4 11.1 51.1  
66 41.8 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 38.880 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 402500

Ion Ratio Lower Upper

93 100

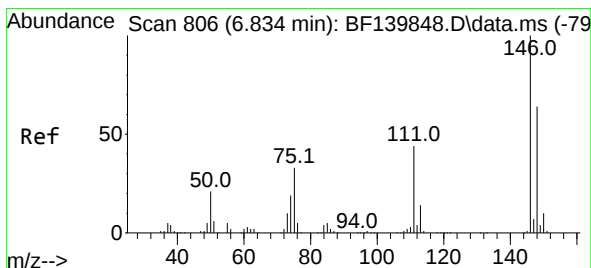
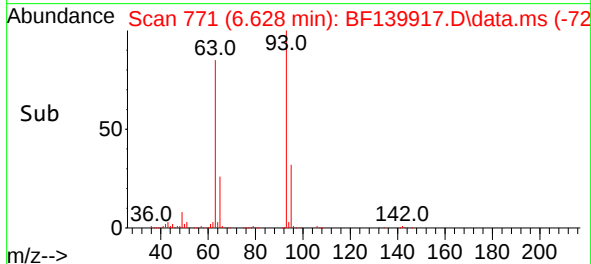
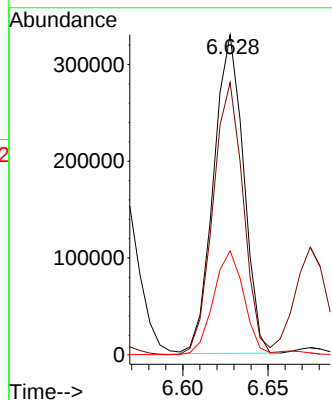
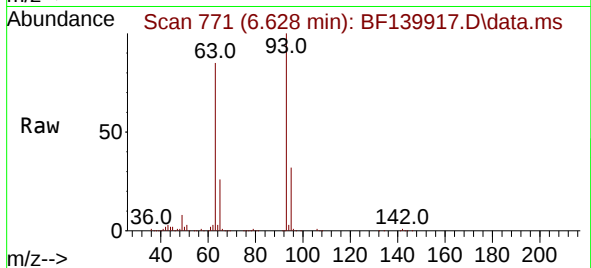
63 85.1 65.0 105.0

95 32.4 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#12

1,3-Dichlorobenzene

Concen: 39.951 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

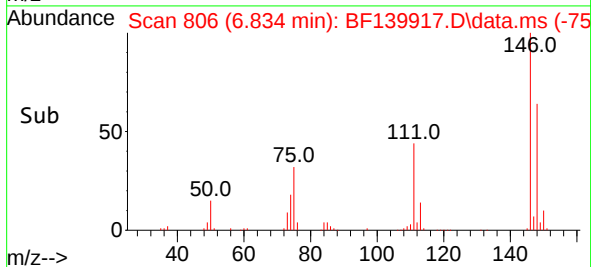
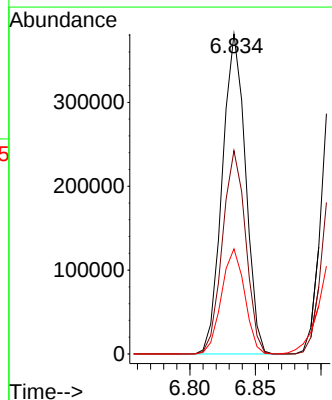
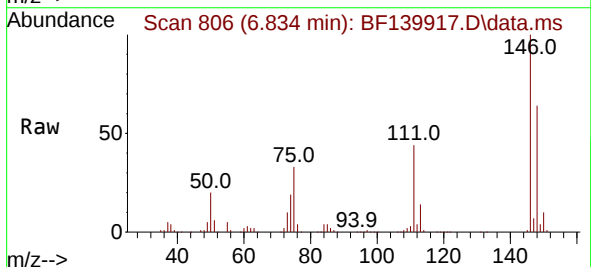
Tgt Ion:146 Resp: 470288

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

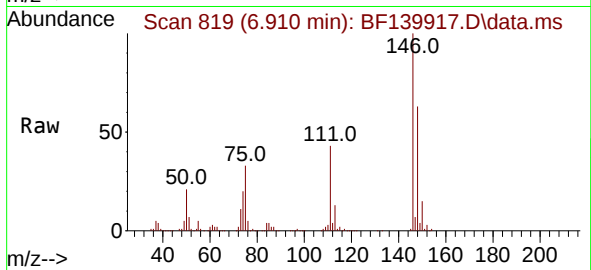
75 32.9 26.4 39.6





#13  
1,4-Dichlorobenzene  
Concen: 40.310 ng  
RT: 6.910 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

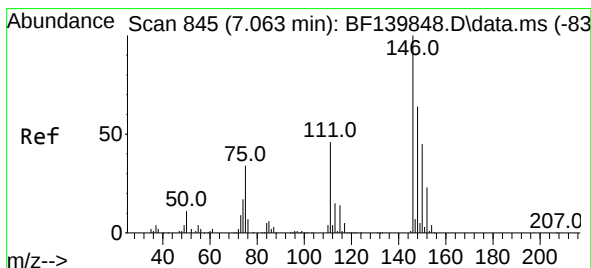
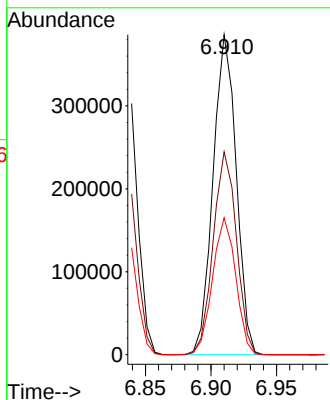
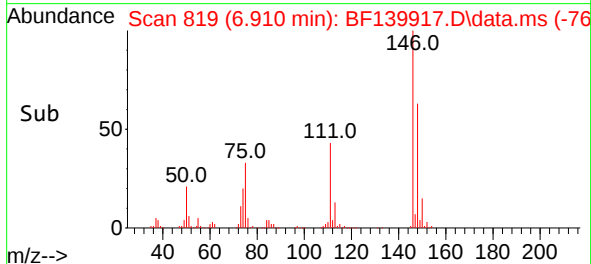
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



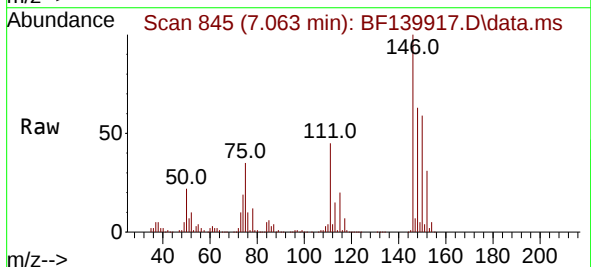
Tgt Ion:146 Resp: 474070  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.8 77.8  
111 42.8 34.6 51.8

Manual Integrations  
APPROVED

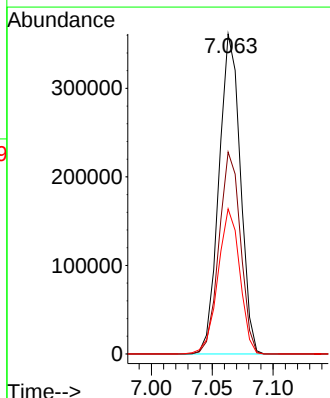
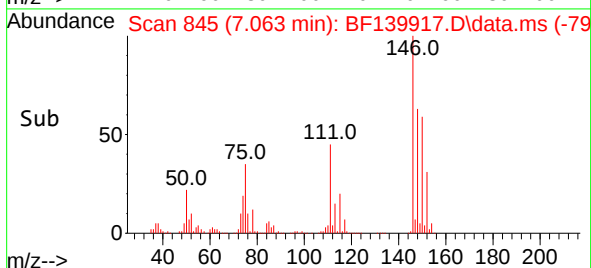
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#14  
1,2-Dichlorobenzene  
Concen: 40.239 ng  
RT: 7.063 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



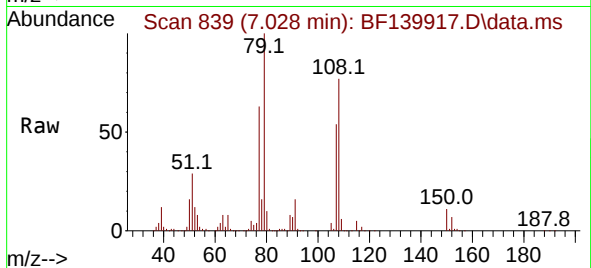
Tgt Ion:146 Resp: 441672  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.4 77.2  
111 45.4 36.7 55.1





#15  
Benzyl Alcohol  
Concen: 39.585 ng  
RT: 7.028 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

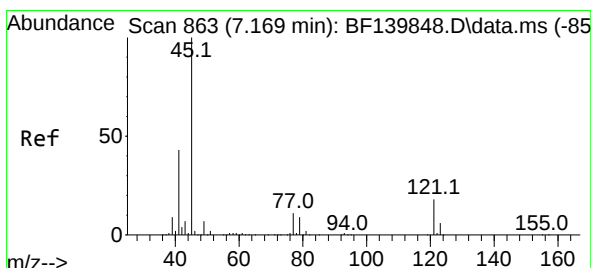
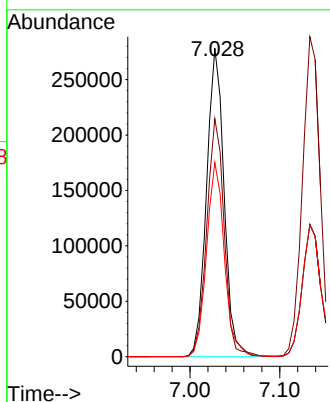
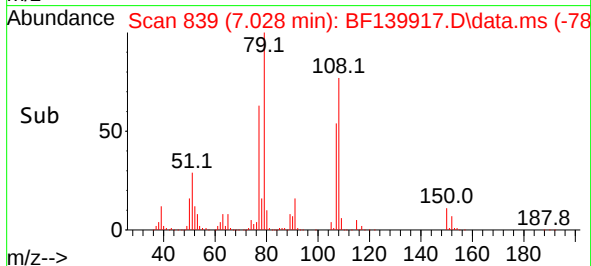
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 377244  
Ion Ratio Lower Upper  
79 100  
108 77.1 61.4 92.0  
77 62.9 49.9 74.9

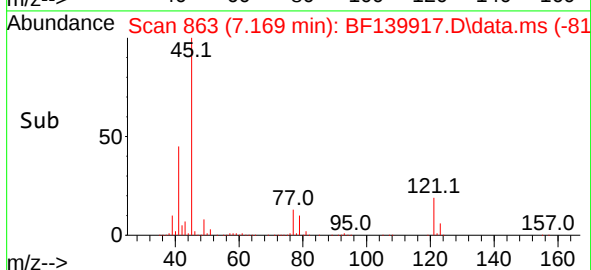
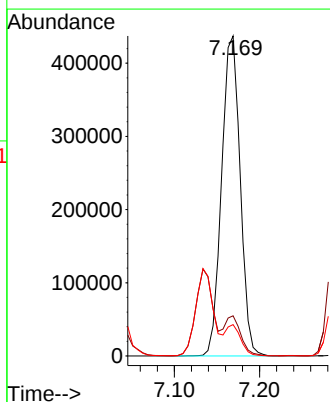
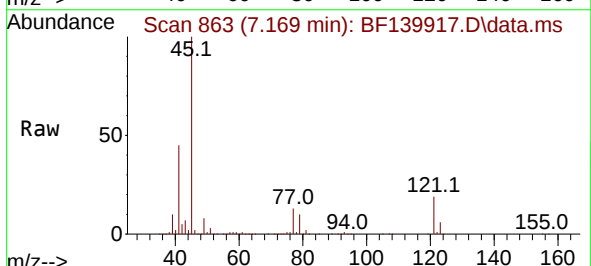
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.537 ng  
RT: 7.169 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion: 45 Resp: 662610  
Ion Ratio Lower Upper  
45 100  
77 12.5 0.0 31.5  
79 9.8 0.0 29.1





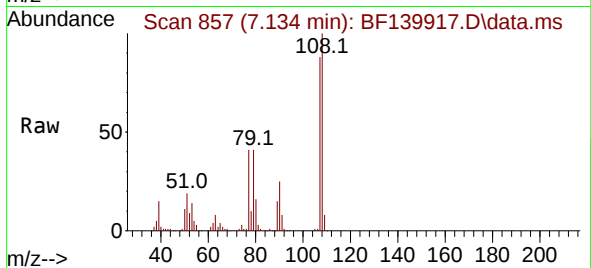
#17  
2-Methylphenol  
Concen: 39.278 ng  
RT: 7.134 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

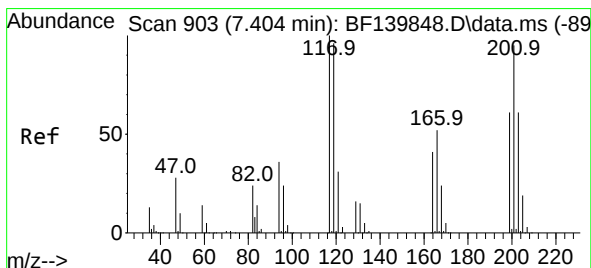
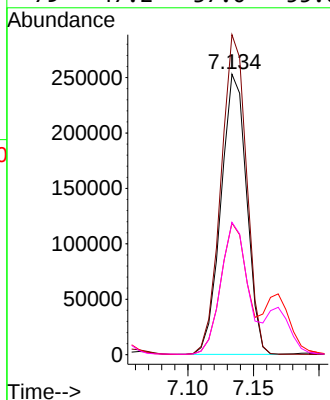
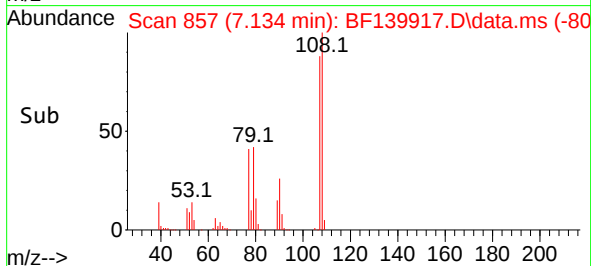


Tgt Ion:107 Resp: 34345  
Ion Ratio Lower Upper  
107 100  
108 114.1 91.3 136.9  
77 47.0 37.1 55.7  
79 47.2 37.0 55.6

Manual Integrations

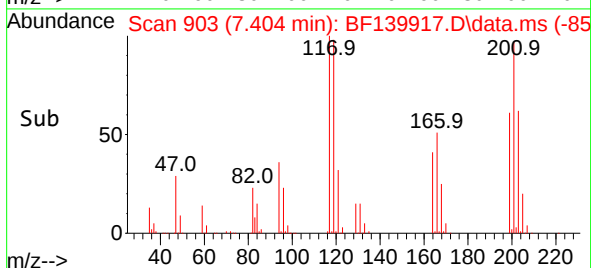
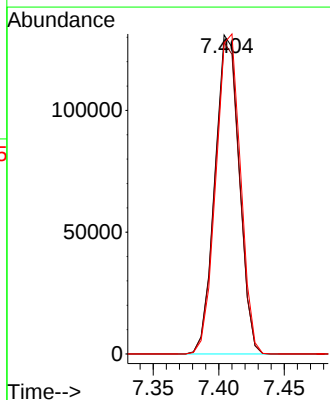
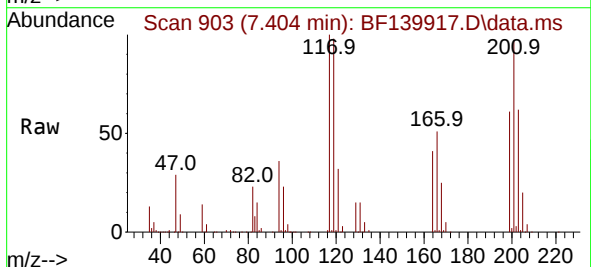
APPROVED

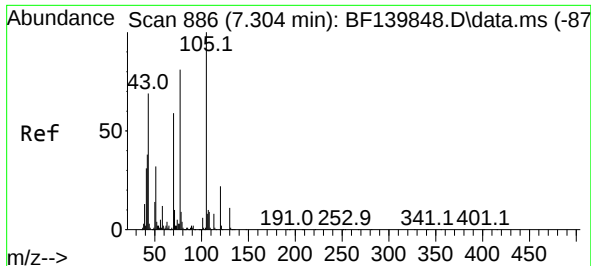
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#18  
Hexachloroethane  
Concen: 40.451 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

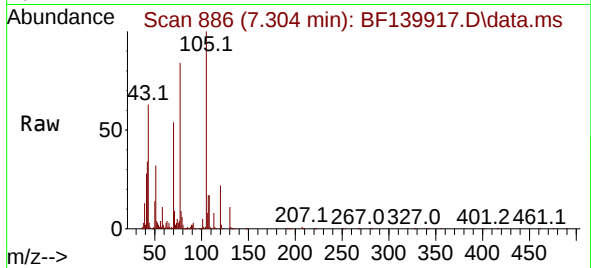
Tgt Ion:117 Resp: 169645  
Ion Ratio Lower Upper  
117 100  
119 97.6 77.0 115.4  
201 97.4 76.2 114.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.661 ng  
RT: 7.304 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

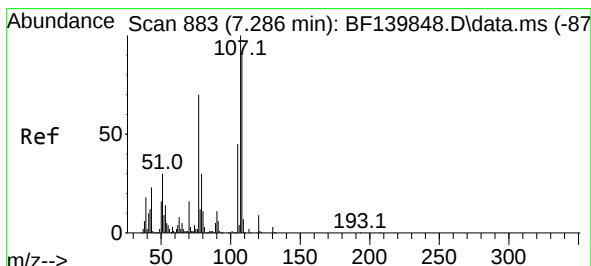
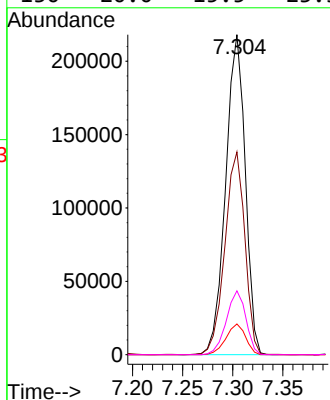
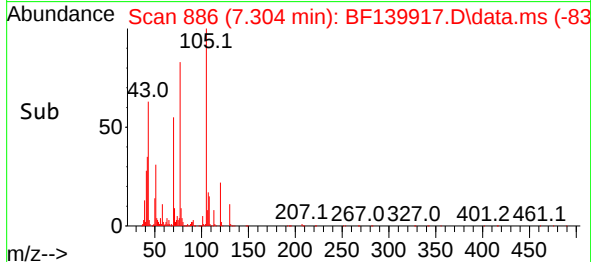
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



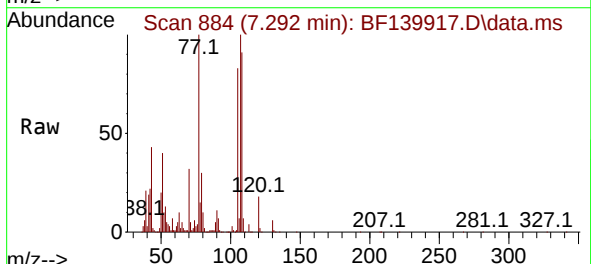
Tgt Ion: 70 Resp: 29674  
Ion Ratio Lower Upper  
70 100  
42 63.4 51.5 77.3  
101 9.6 7.5 11.3  
130 20.0 15.5 23.3

Manual Integrations  
APPROVED

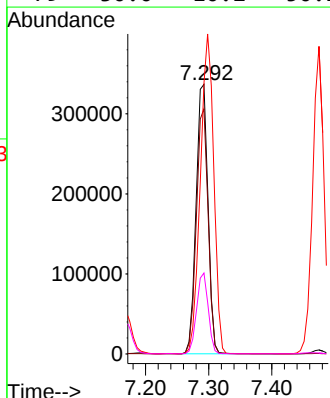
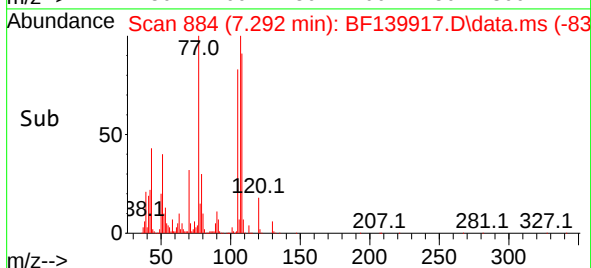
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

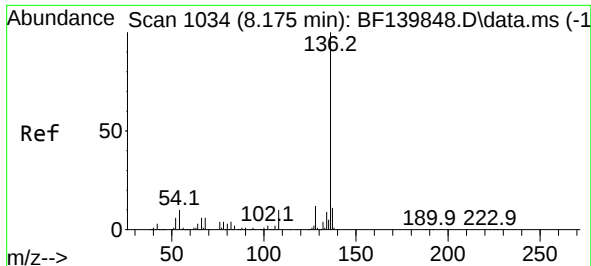


#20  
3+4-Methylphenols  
Concen: 39.396 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:107 Resp: 440628  
Ion Ratio Lower Upper  
107 100  
108 90.9 69.8 109.8  
77 100.4 50.5 90.5#  
79 30.0 10.2 50.2





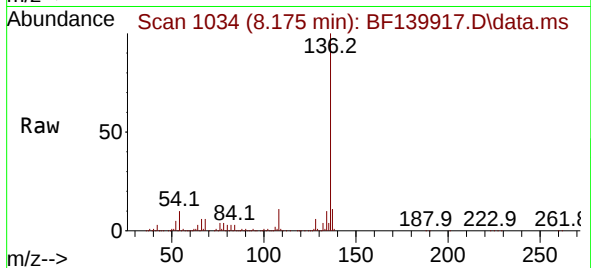
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

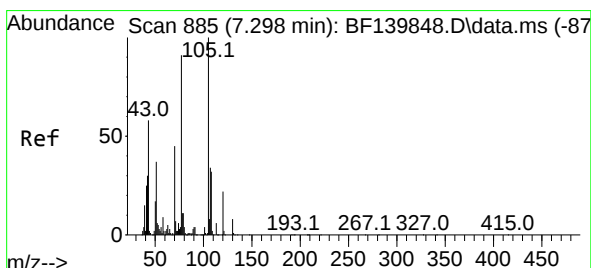
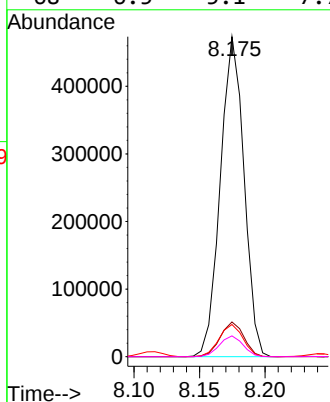
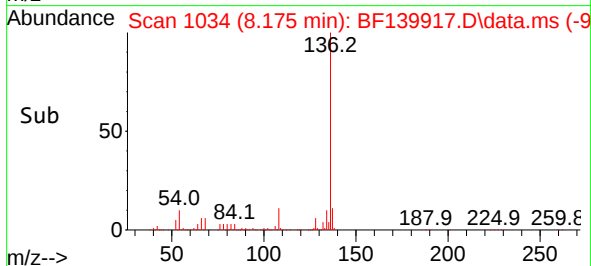


Tgt Ion:136 Resp: 59410  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 10.1 8.4 12.6  
68 6.5 5.1 7.7

Manual Integrations

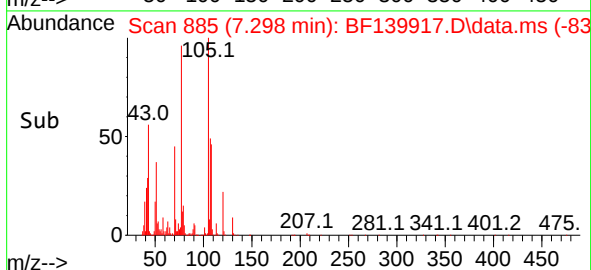
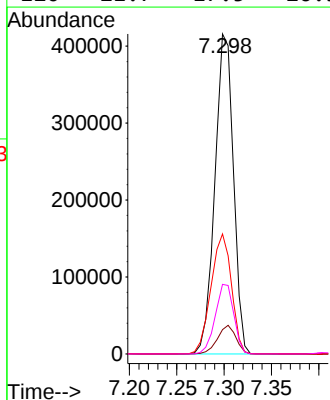
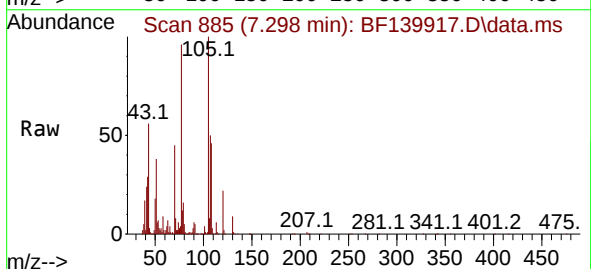
APPROVED

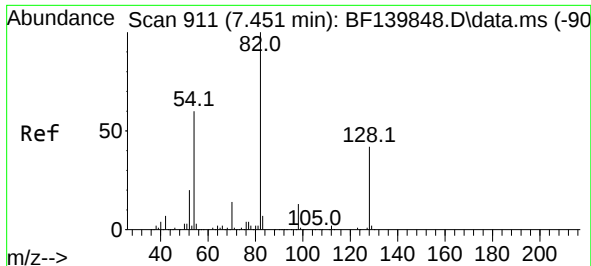
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#22  
Acetophenone  
Concen: 39.002 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion:105 Resp: 567546  
Ion Ratio Lower Upper  
105 100  
71 7.6 5.9 8.9  
51 37.5 29.4 44.2  
120 21.7 17.5 26.3





#23

Nitrobenzene-d5

Concen: 84.243 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 903028

Ion Ratio Lower Upper

82 100

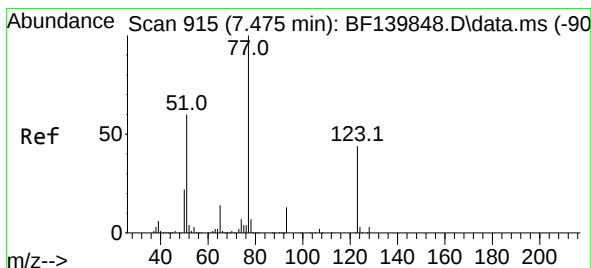
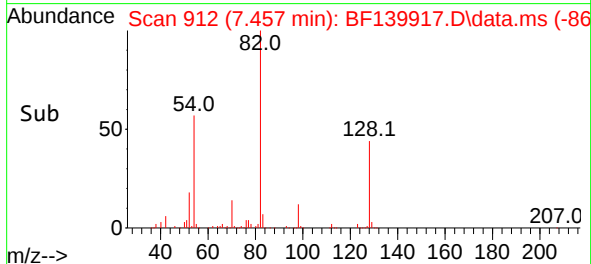
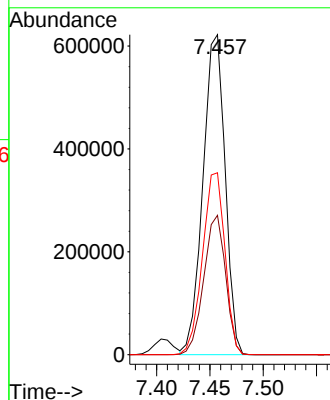
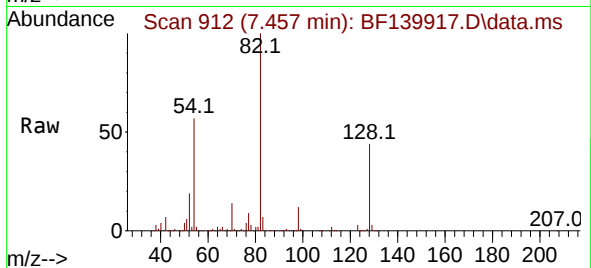
128 43.5 33.4 50.0

54 56.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#24

Nitrobenzene

Concen: 40.605 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

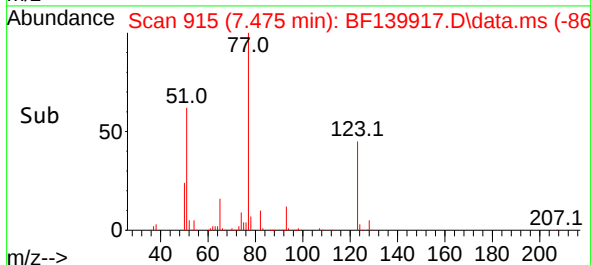
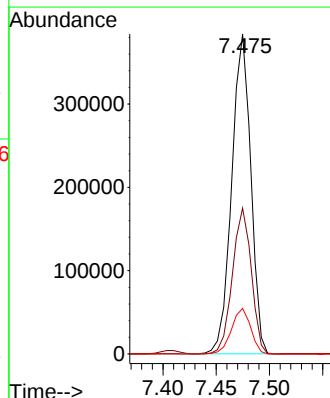
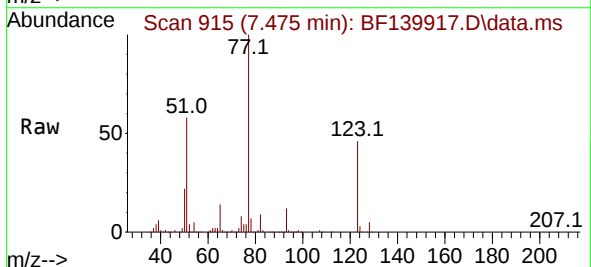
Tgt Ion: 77 Resp: 477214

Ion Ratio Lower Upper

77 100

123 45.6 35.7 53.5

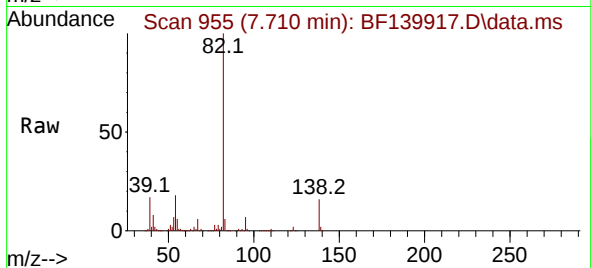
65 14.2 11.5 17.3





#25  
Isophorone  
Concen: 39.145 ng  
RT: 7.710 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

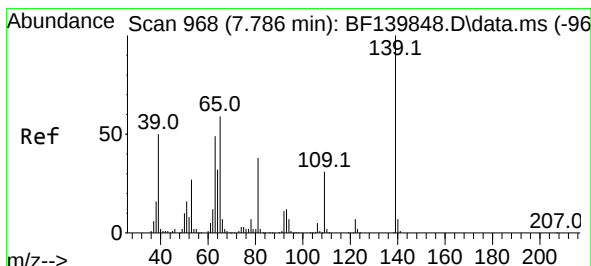
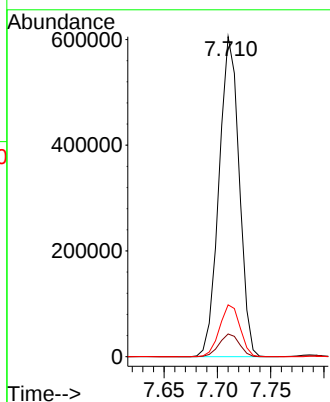
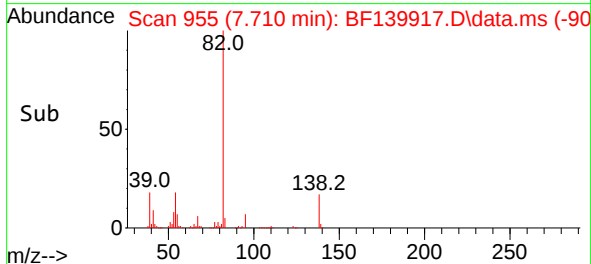
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



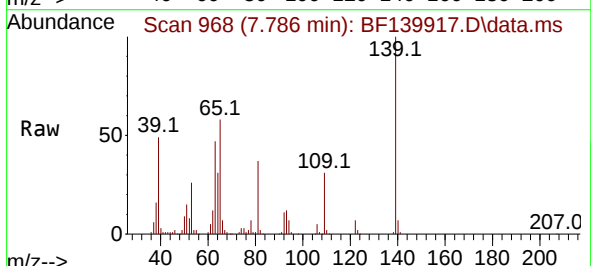
Tgt Ion: 82 Resp: 796423  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.5 8.3  
138 16.2 13.2 19.8

Manual Integrations  
APPROVED

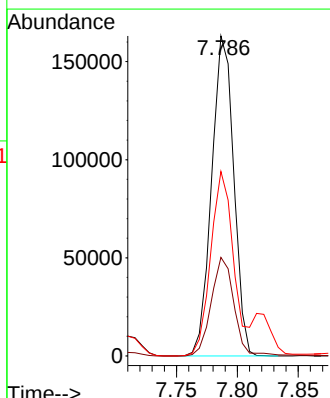
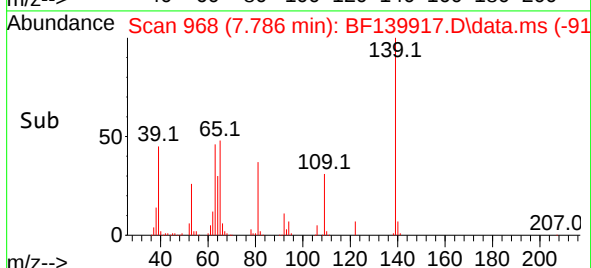
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#26  
2-Nitrophenol  
Concen: 46.478 ng  
RT: 7.786 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:139 Resp: 206070  
Ion Ratio Lower Upper  
139 100  
109 30.8 25.1 37.7  
65 57.7 47.5 71.3





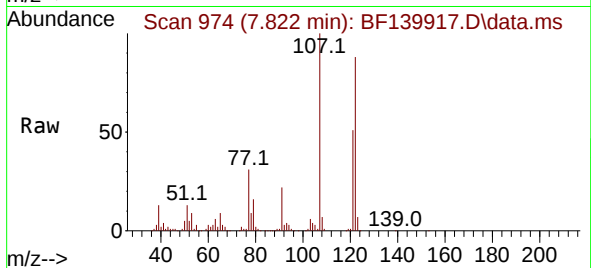
#27  
2,4-Dimethylphenol  
Concen: 39.219 ng  
RT: 7.822 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

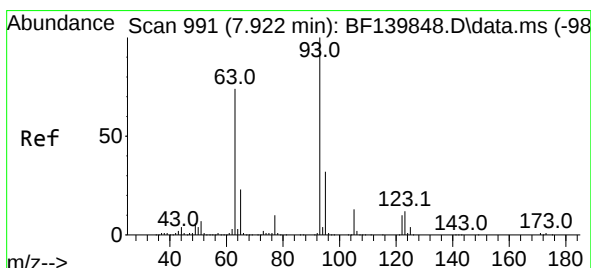
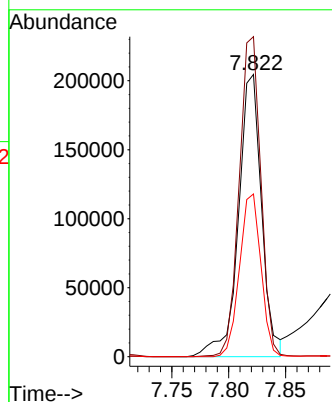
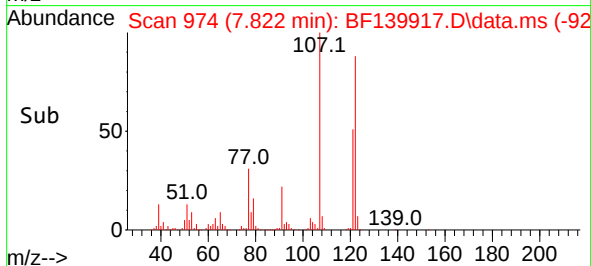


Tgt Ion:122 Resp: 28994  
Ion Ratio Lower Upper  
122 100  
107 113.4 91.9 137.9  
121 57.7 46.2 69.4

Manual Integrations

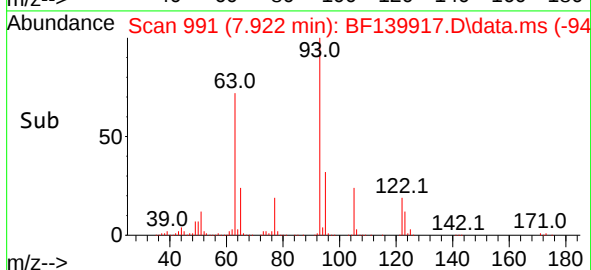
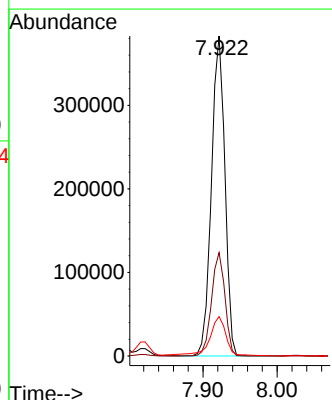
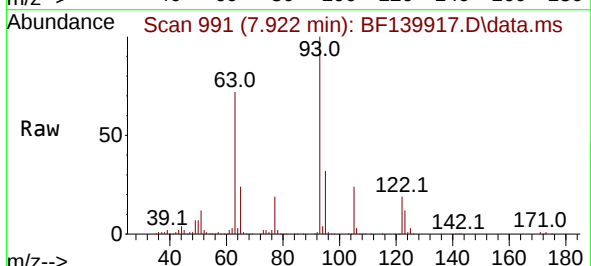
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.147 ng  
RT: 7.922 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion: 93 Resp: 482543  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.0 39.0  
123 12.3 9.8 14.8





#29  
2,4-Dichlorophenol  
Concen: 40.582 ng  
RT: 8.028 min Scan# 1008  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

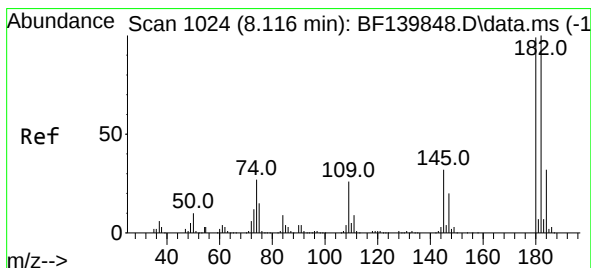
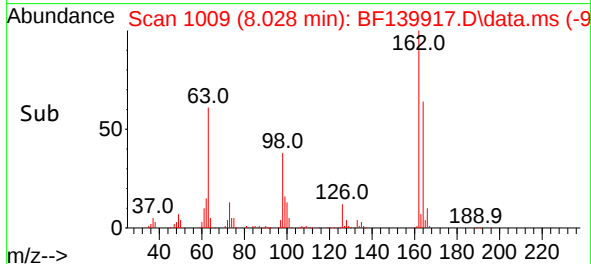
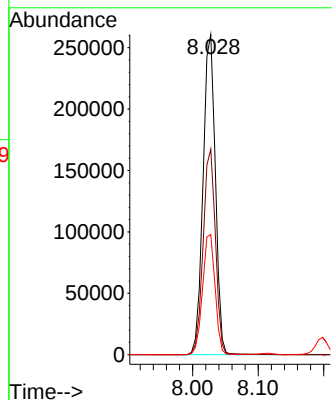
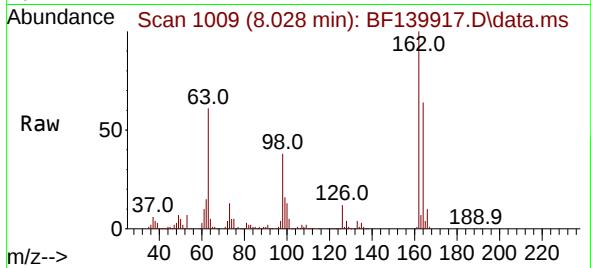
SSTDCCC040

Tgt Ion:162 Resp: 341734  
Ion Ratio Lower Upper  
162 100  
164 64.3 43.9 83.9  
98 37.6 19.9 59.9

Manual Integrations

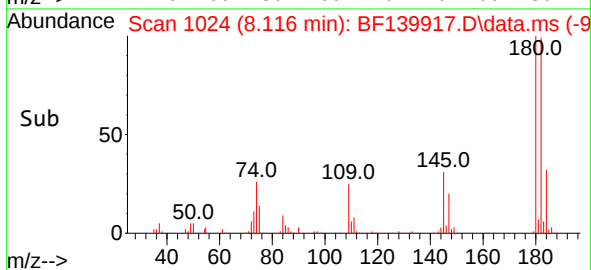
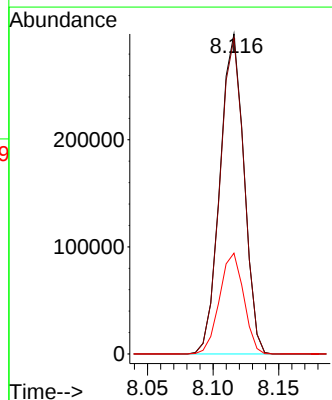
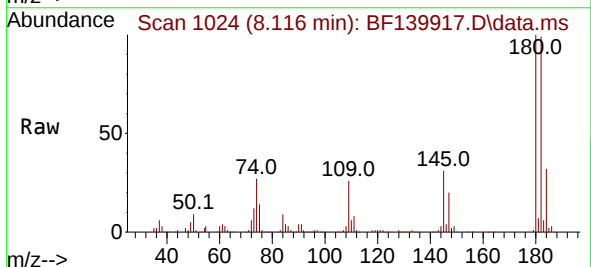
APPROVED

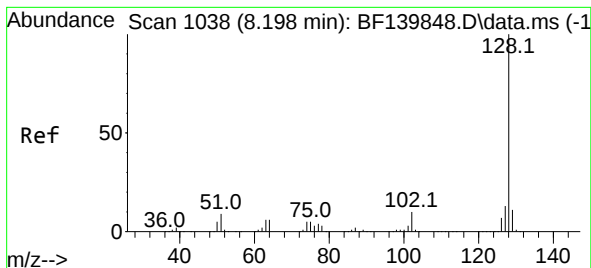
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 40.857 ng  
RT: 8.116 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion:180 Resp: 380695  
Ion Ratio Lower Upper  
180 100  
182 98.7 80.5 120.7  
145 31.5 25.4 38.0





#31  
Naphthalene  
Concen: 40.010 ng  
RT: 8.198 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

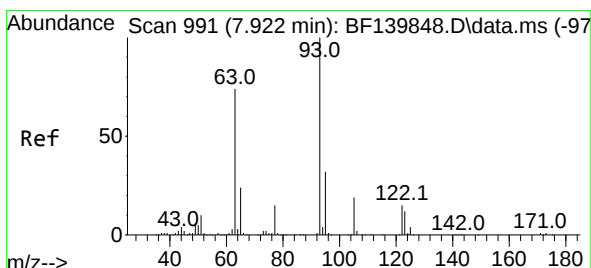
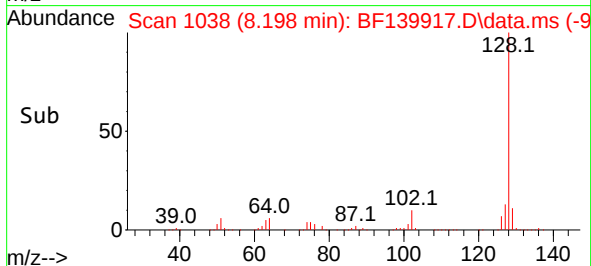
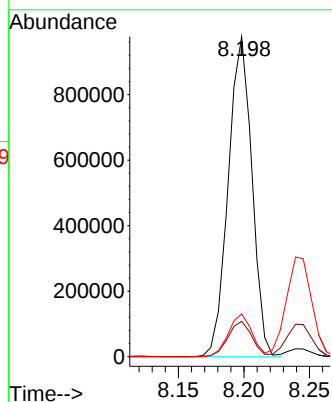
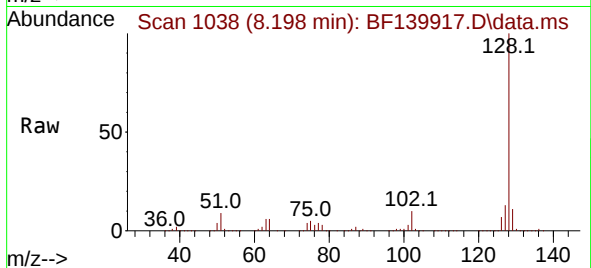
SSTDCCC040

Tgt Ion:128 Resp: 1225900  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.3 10.6 16.0

Manual Integrations

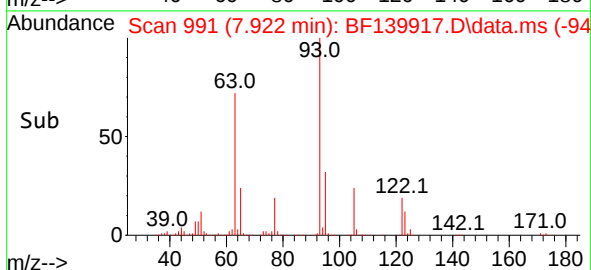
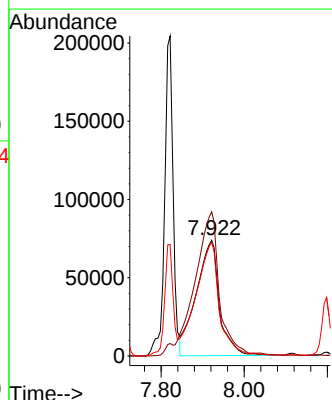
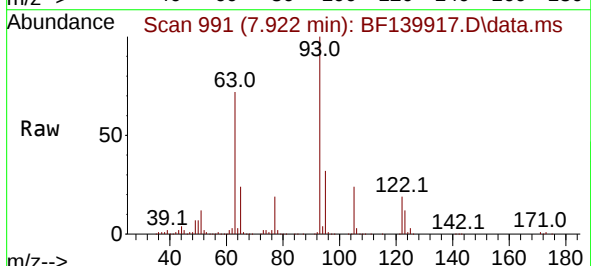
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#32  
Benzoic acid  
Concen: 44.500 ng  
RT: 7.922 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion:122 Resp: 286938  
Ion Ratio Lower Upper  
122 100  
105 124.6 107.6 147.6  
77 98.3 80.2 120.2





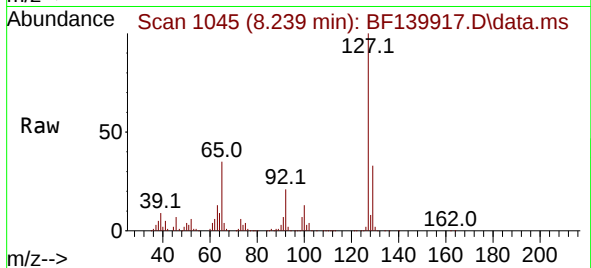
#33  
4-Chloroaniline  
Concen: 39.919 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

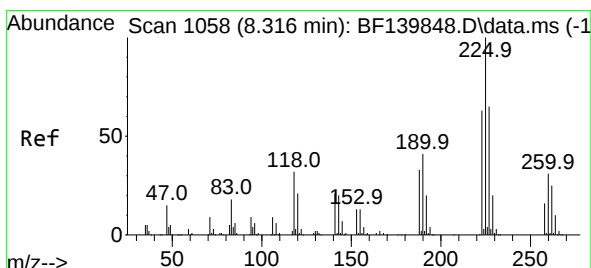
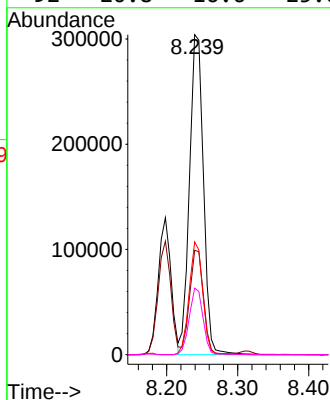
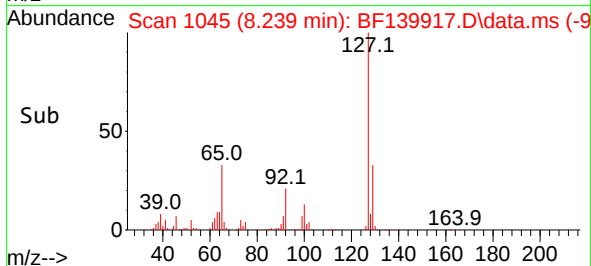


|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 417079 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.6  | 25.4  | 38.2   |
| 65        | 35.2  | 28.4  | 42.6   |
| 92        | 20.8  | 16.6  | 25.0   |

Manual Integrations

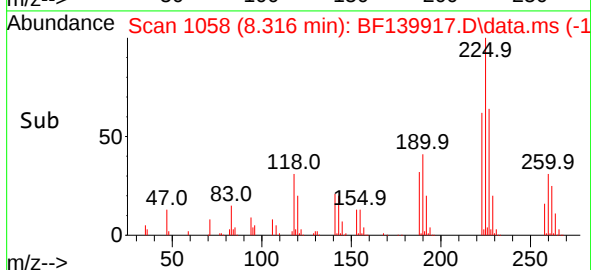
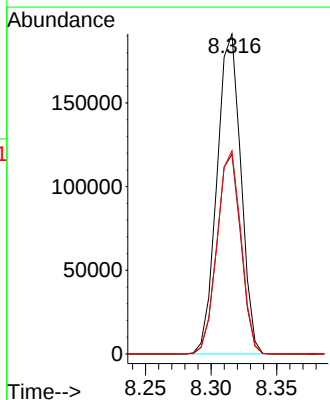
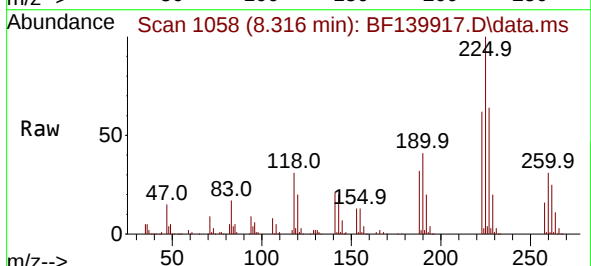
APPROVED

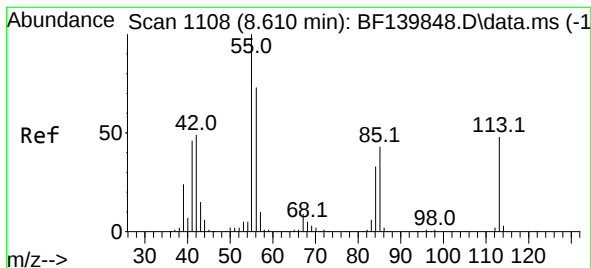
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#34  
Hexachlorobutadiene  
Concen: 41.401 ng  
RT: 8.316 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 242379 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.4  | 50.6  | 76.0   |
| 227       | 63.5  | 51.8  | 77.8   |





#35

Caprolactam

Concen: 39.545 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 10588

Ion Ratio Lower Upper

113 100

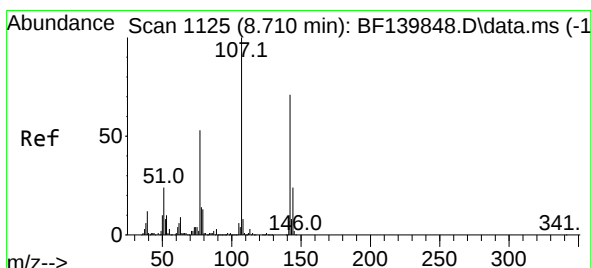
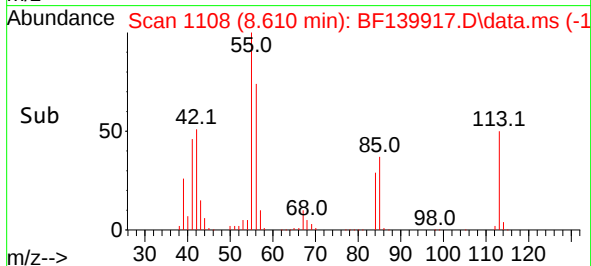
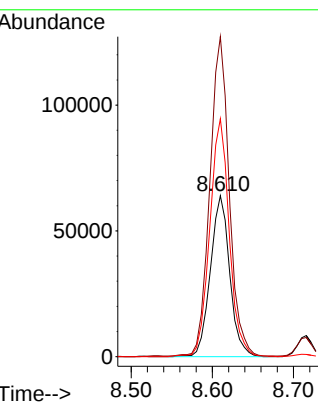
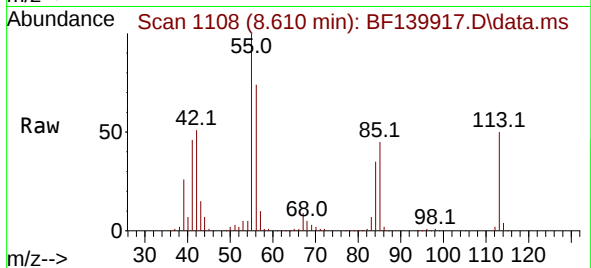
55 198.7 189.2 229.2

56 147.7 132.5 172.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#36

4-Chloro-3-methylphenol

Concen: 39.766 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

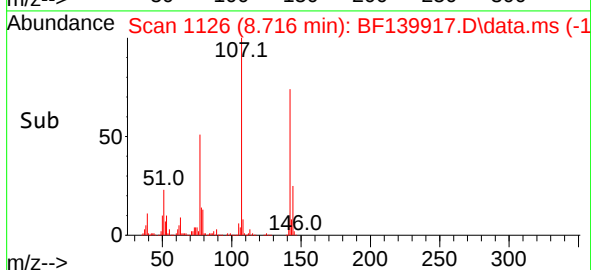
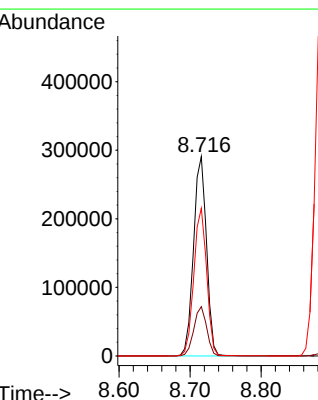
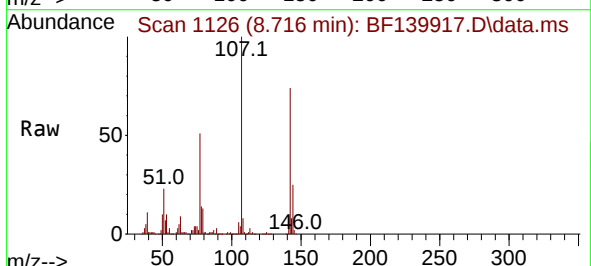
Tgt Ion:107 Resp: 370787

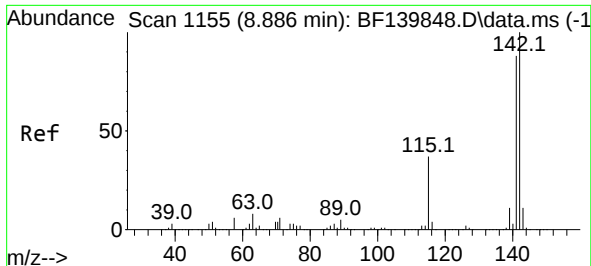
Ion Ratio Lower Upper

107 100

144 24.7 19.1 28.7

142 74.1 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.779 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 746472

Ion Ratio Lower Upper

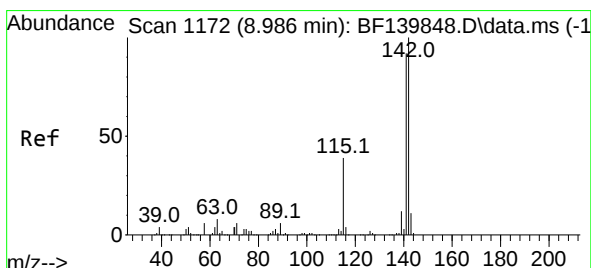
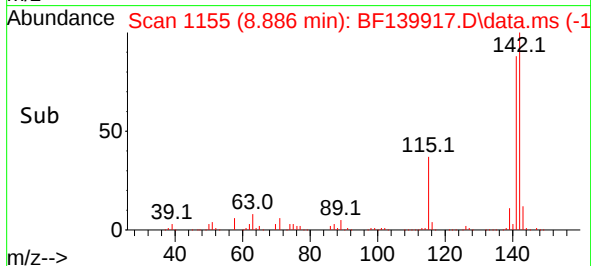
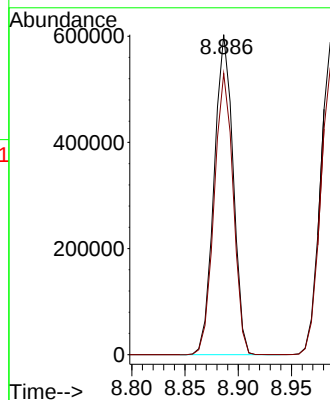
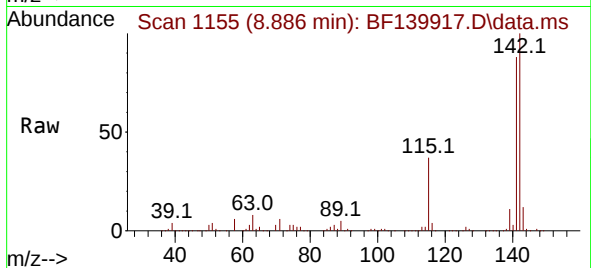
142 100

141 87.9 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#38

1-Methylnaphthalene

Concen: 39.758 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139917.D

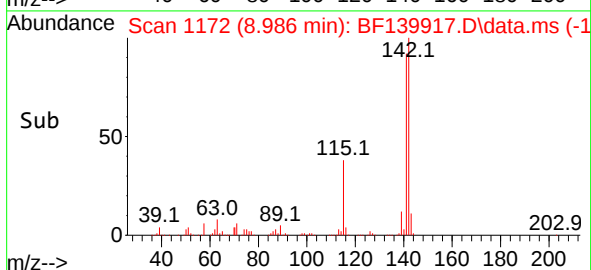
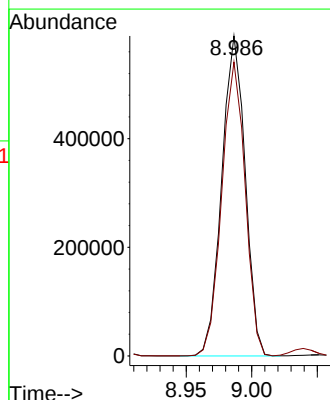
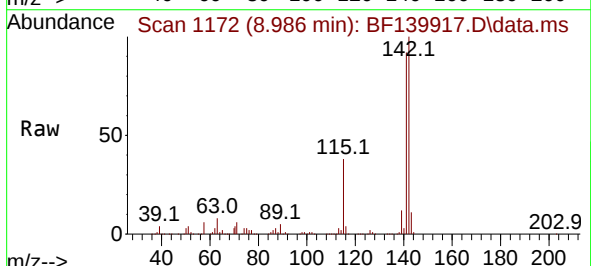
Acq: 22 Oct 2024 09:39

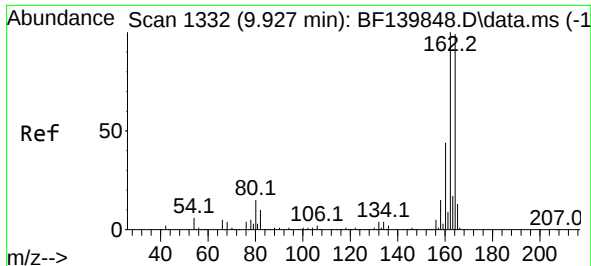
Tgt Ion:142 Resp: 731982

Ion Ratio Lower Upper

142 100

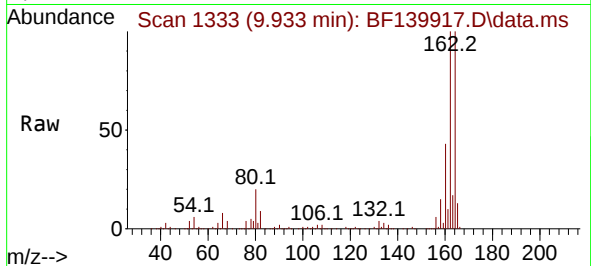
141 91.8 73.5 110.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1133  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

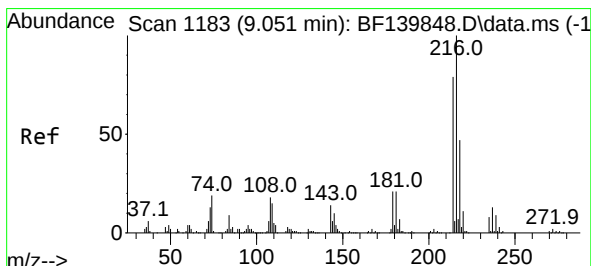
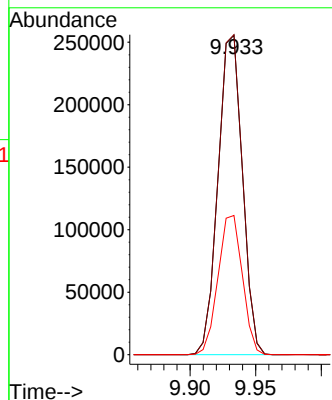
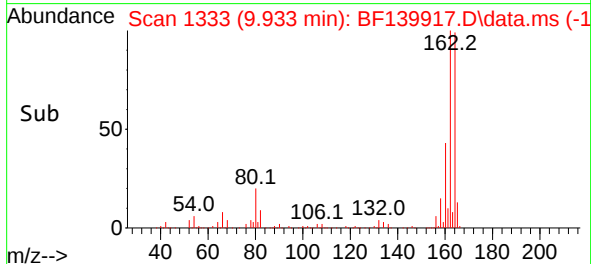
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:164 Resp: 33023  
Ion Ratio Lower Upper  
164 100  
162 100.2 81.0 121.4  
160 43.6 35.4 53.0

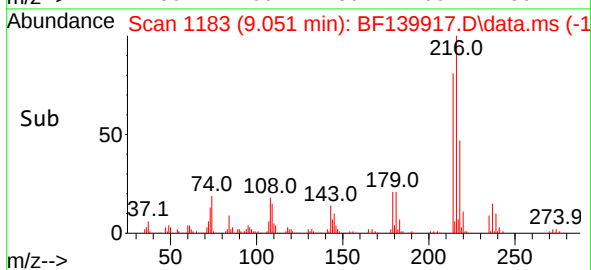
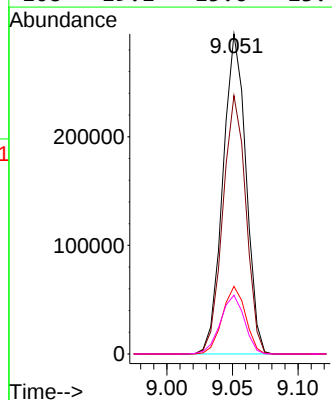
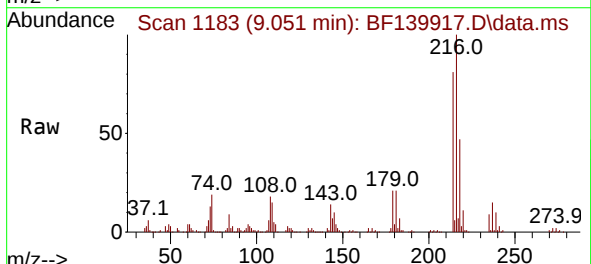
Manual Integrations  
APPROVED

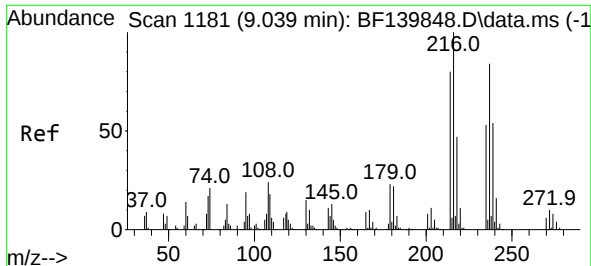
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.448 ng  
RT: 9.051 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

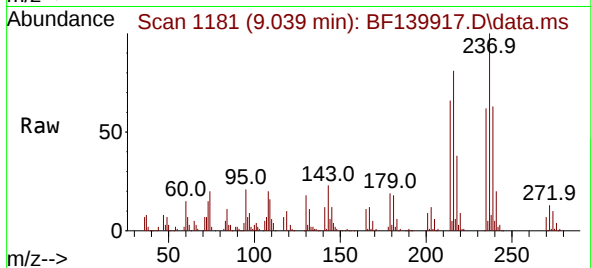
Tgt Ion:216 Resp: 360354  
Ion Ratio Lower Upper  
216 100  
214 80.6 63.4 95.0  
179 21.2 17.2 25.8  
108 19.1 15.6 23.4





#41  
Hexachlorocyclopentadiene  
Concen: 46.222 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

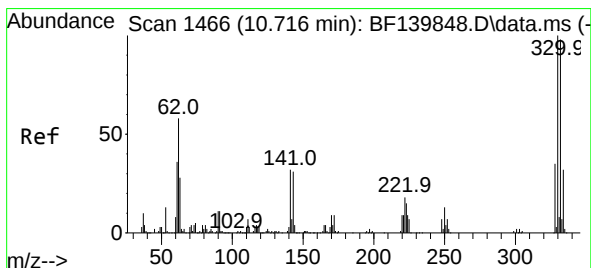
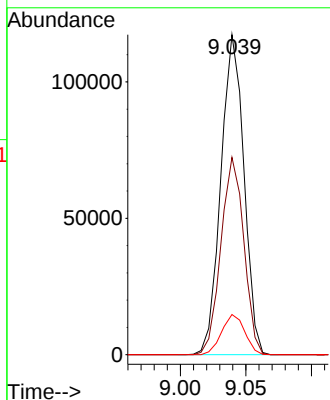
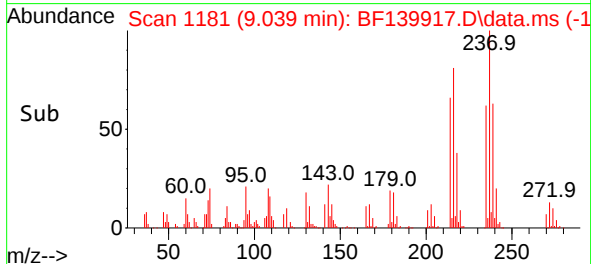
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



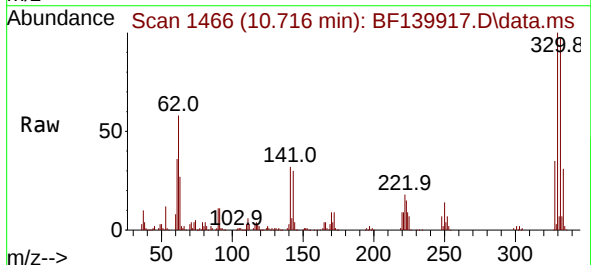
Tgt Ion:237 Resp: 143280  
Ion Ratio Lower Upper  
237 100  
235 61.7 42.9 82.9  
272 12.5 0.0 32.3

Manual Integrations  
APPROVED

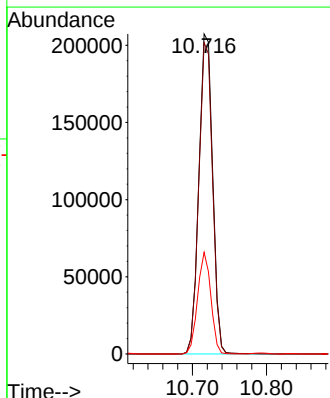
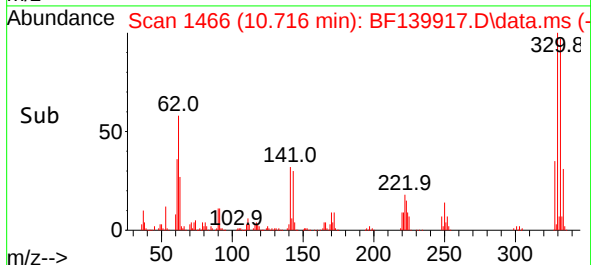
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#42  
2,4,6-Tribromophenol  
Concen: 86.645 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:330 Resp: 267638  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.1 117.1  
141 30.4 26.6 39.8





#43  
2,4,6-Trichlorophenol  
Concen: 42.677 ng  
RT: 9.163 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

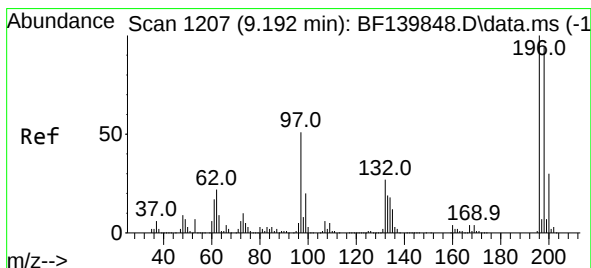
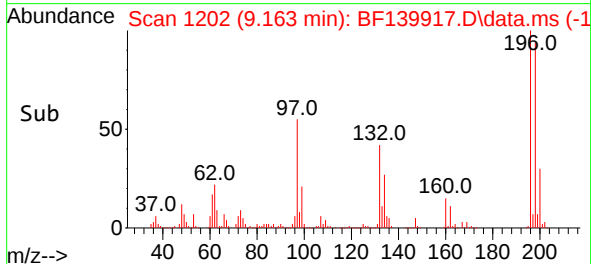
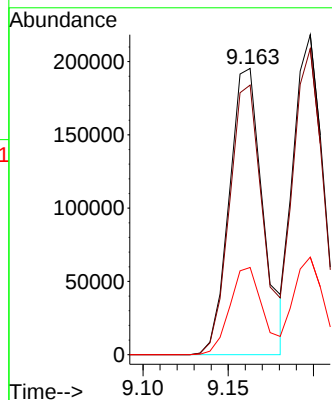
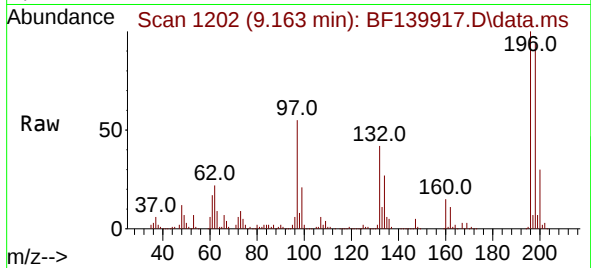
SSTDCCC040

Tgt Ion:196 Resp: 269189  
Ion Ratio Lower Upper  
196 100  
198 94.2 76.2 114.2  
200 30.5 24.0 36.0

Manual Integrations

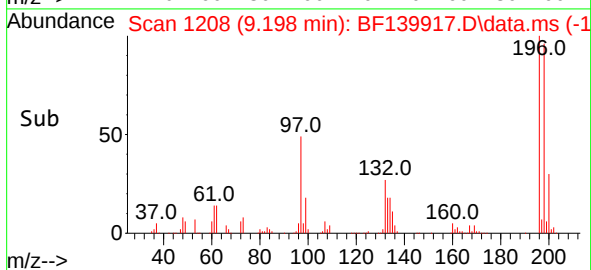
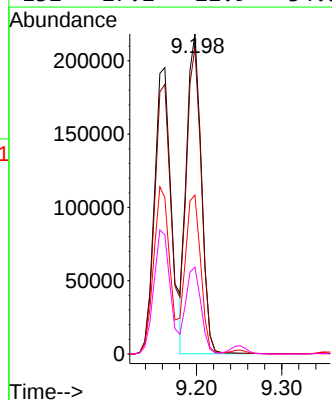
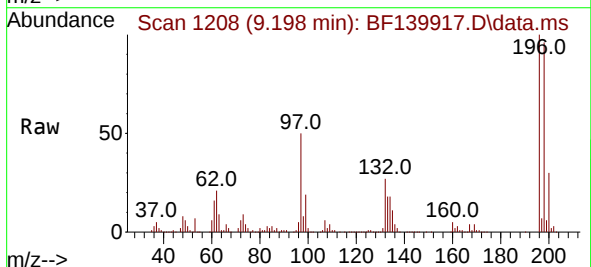
APPROVED

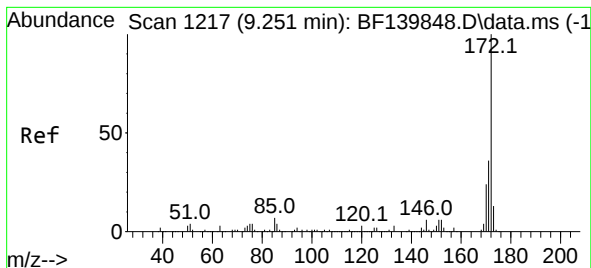
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#44  
2,4,5-Trichlorophenol  
Concen: 40.442 ng  
RT: 9.198 min Scan# 1208  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion:196 Resp: 263183  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.8 113.6  
97 49.7 41.8 62.6  
132 27.2 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 78.114 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1560820

Ion Ratio Lower Upper

172 100

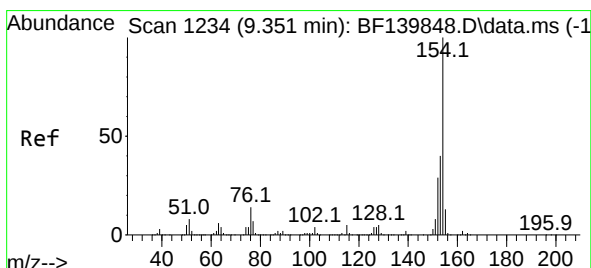
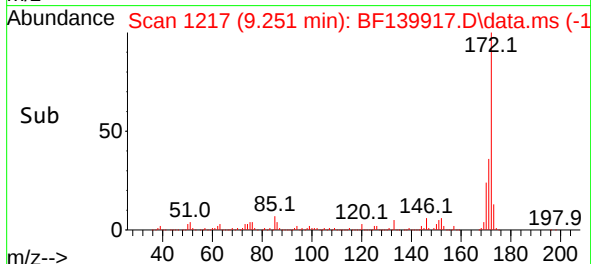
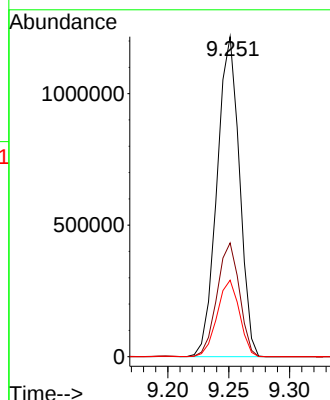
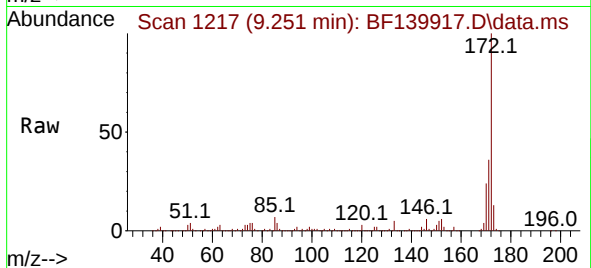
171 35.5 28.6 43.0

170 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#46

1,1'-Biphenyl

Concen: 39.612 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

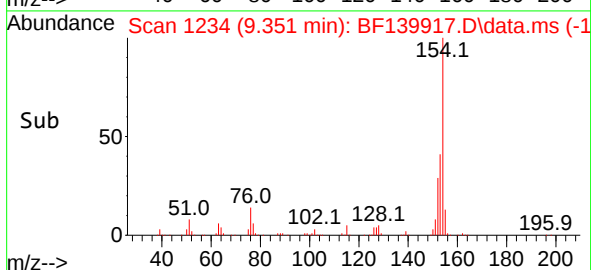
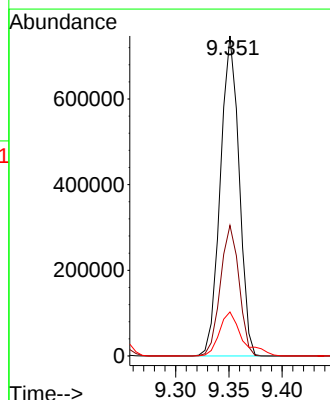
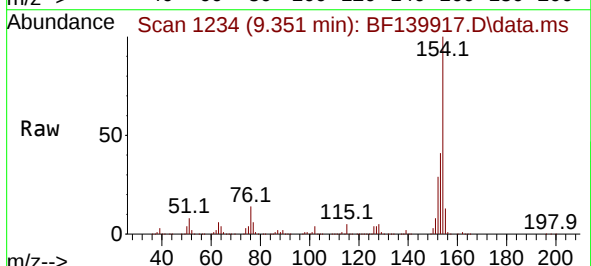
Tgt Ion:154 Resp: 910650

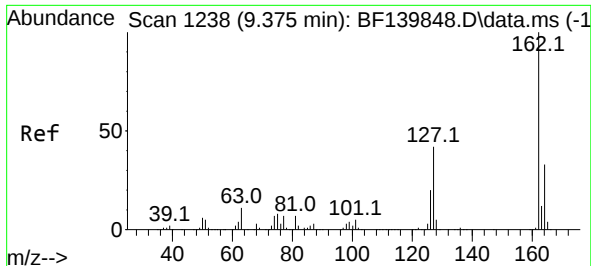
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.043 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139917.D

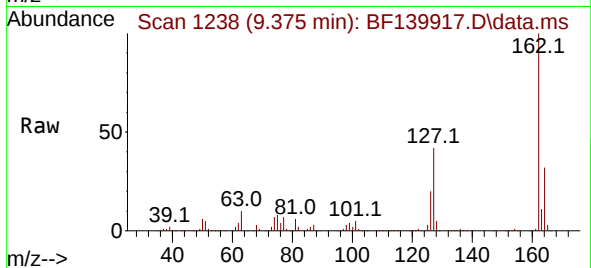
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 74142

Ion Ratio Lower Upper

162 100

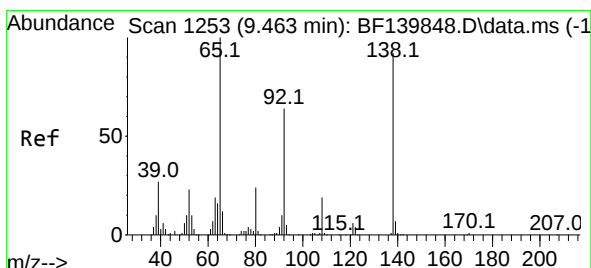
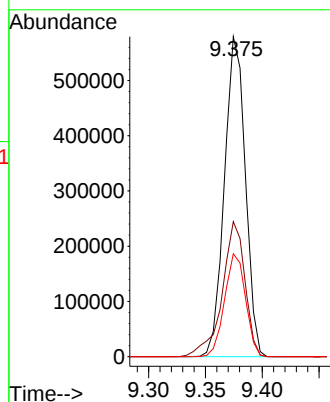
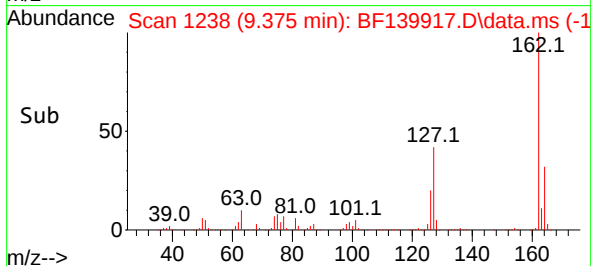
127 42.2 33.8 50.6

164 32.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#48

2-Nitroaniline

Concen: 42.915 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

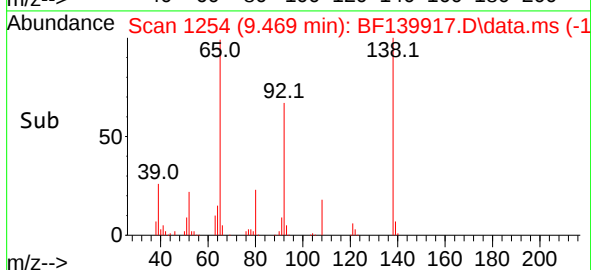
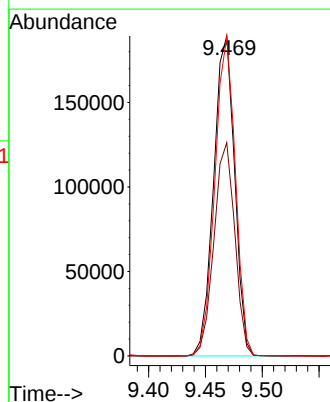
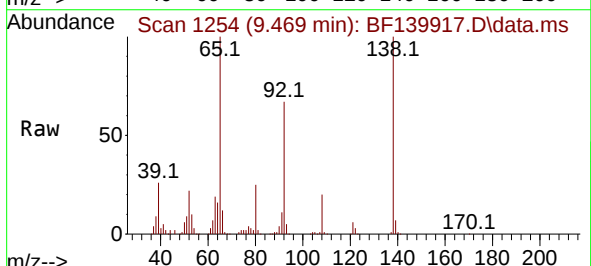
Tgt Ion: 65 Resp: 243026

Ion Ratio Lower Upper

65 100

92 66.7 50.9 76.3

138 99.7 73.4 110.0





#49

Acenaphthylene

Concen: 39.627 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1060749

Ion Ratio Lower Upper

152 100

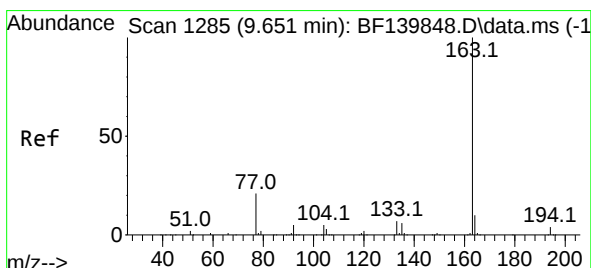
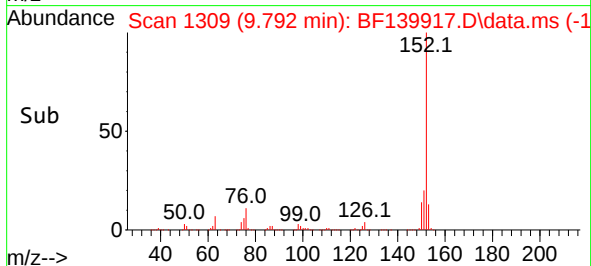
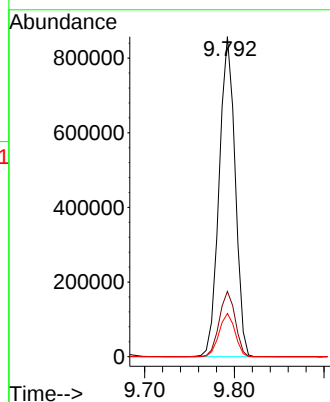
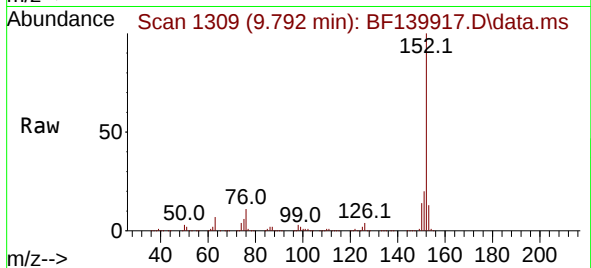
151 20.4 15.9 23.9

153 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#50

Dimethylphthalate

Concen: 39.899 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

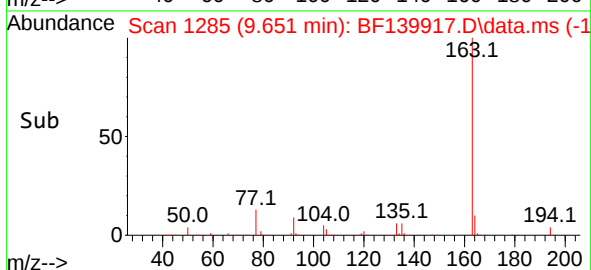
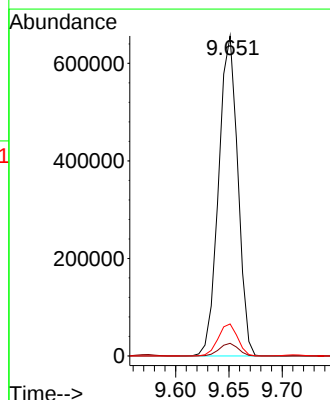
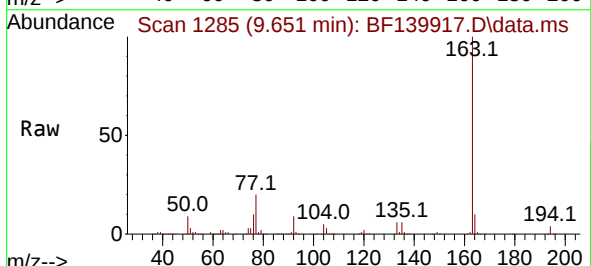
Tgt Ion:163 Resp: 820693

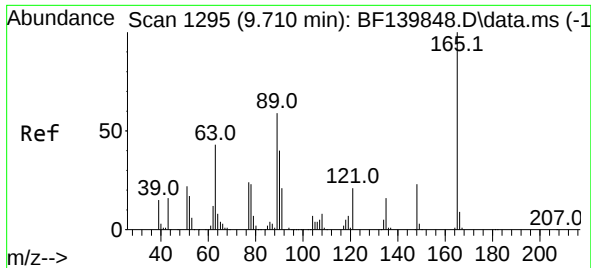
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

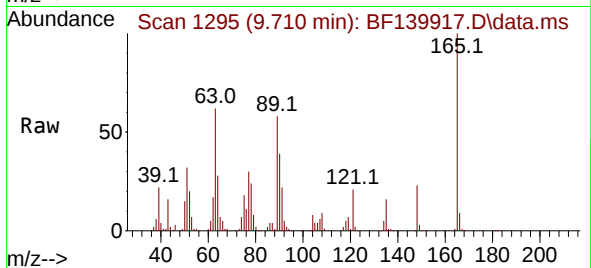
164 10.0 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 42.689 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

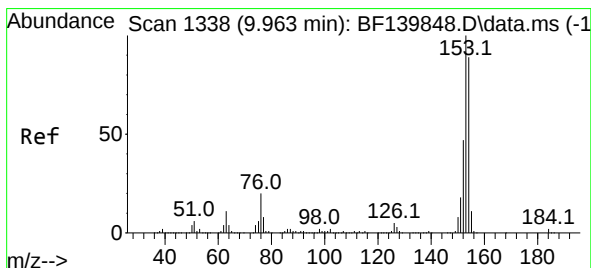
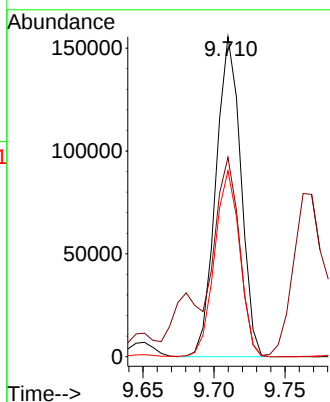
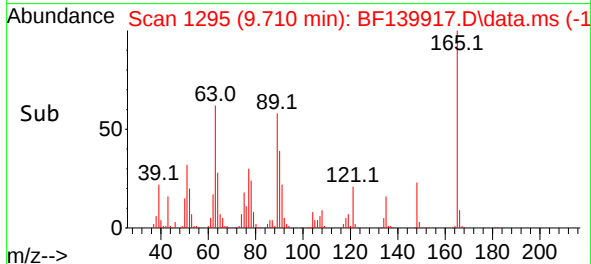
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 190120  
Ion Ratio Lower Upper  
165 100  
63 62.3 50.6 75.8  
89 58.1 47.5 71.3

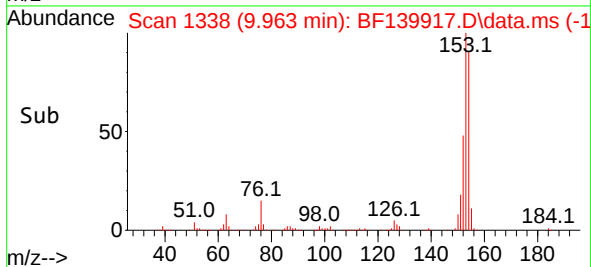
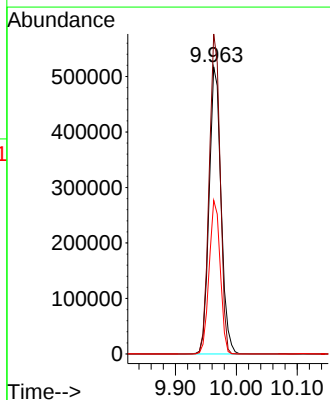
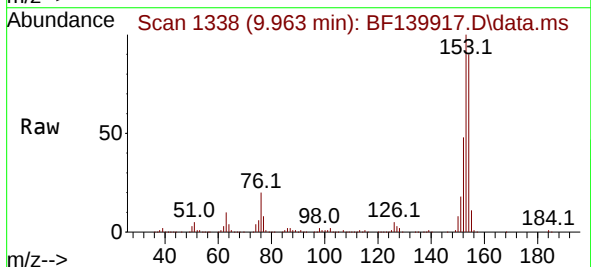
Manual Integrations  
APPROVED

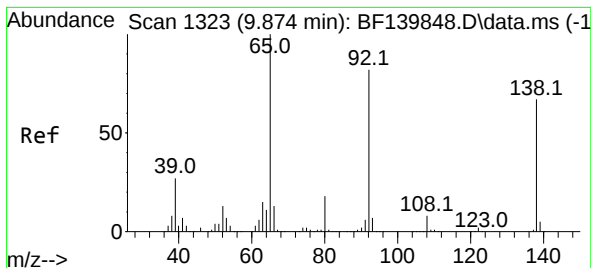
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#52  
Acenaphthene  
Concen: 40.556 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion:154 Resp: 702273  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.8 134.6  
152 53.6 42.4 63.6





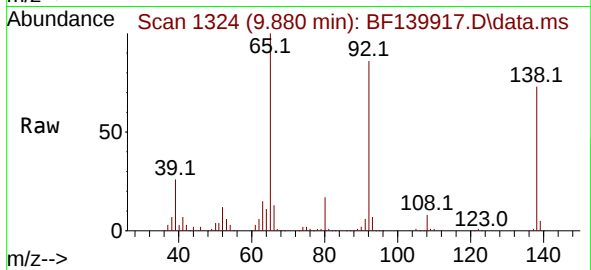
#53  
3-Nitroaniline  
Concen: 41.700 ng  
RT: 9.880 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

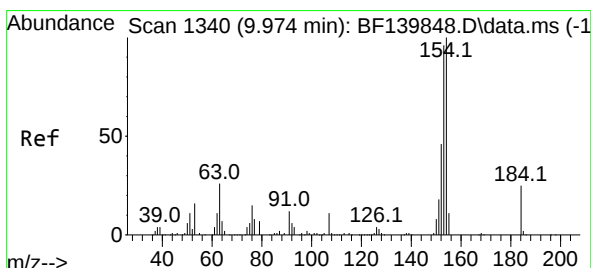
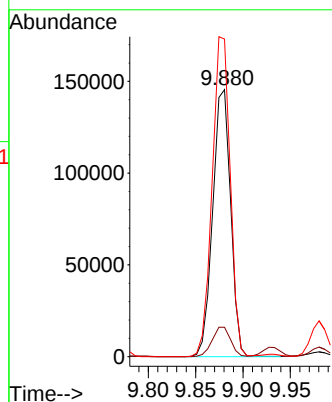
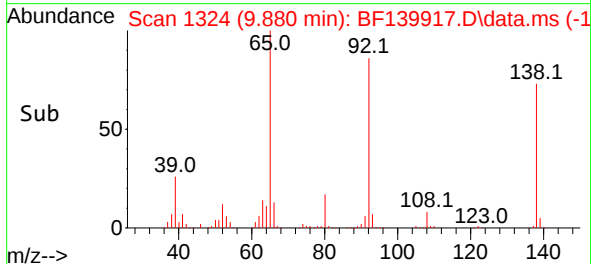


Tgt Ion:138 Resp: 19152  
Ion Ratio Lower Upper  
138 100  
108 11.0 10.2 15.2  
92 118.9 98.3 147.5

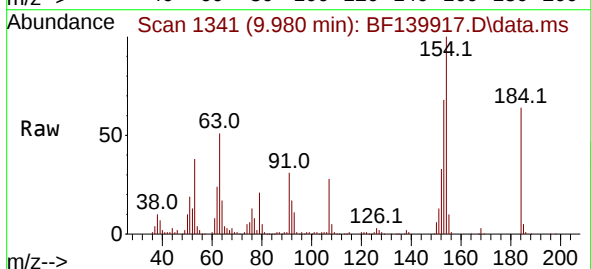
Manual Integrations

APPROVED

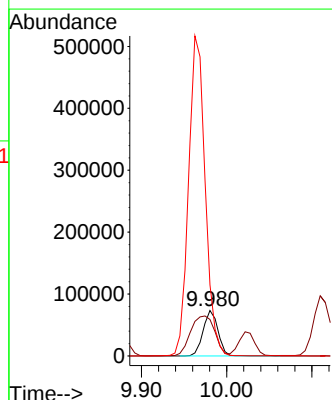
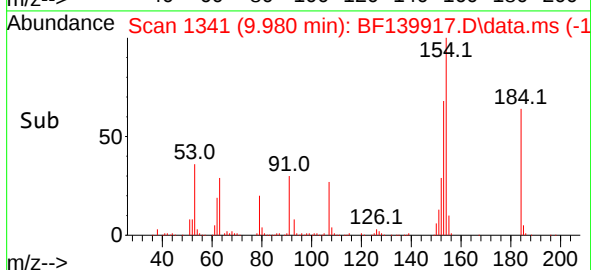
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

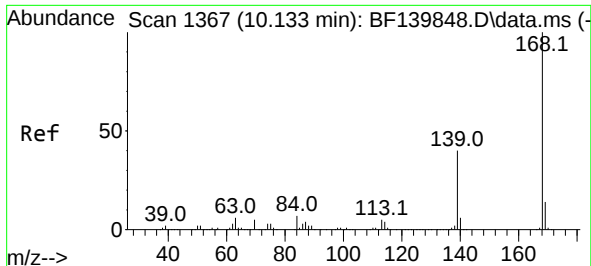


#54  
2,4-Dinitrophenol  
Concen: 50.904 ng  
RT: 9.980 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



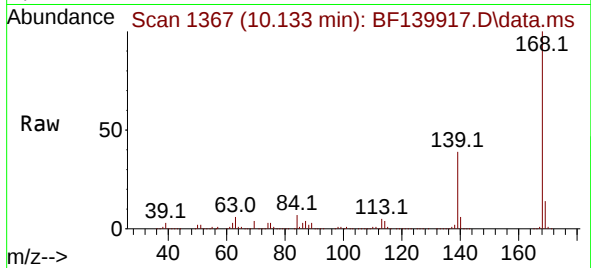
Tgt Ion:184 Resp: 89411  
Ion Ratio Lower Upper  
184 100  
63 80.3 84.7 127.1#  
154 156.7 338.2 507.2#





#55  
Dibenzenofuran  
Concen: 39.509 ng  
RT: 10.133 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

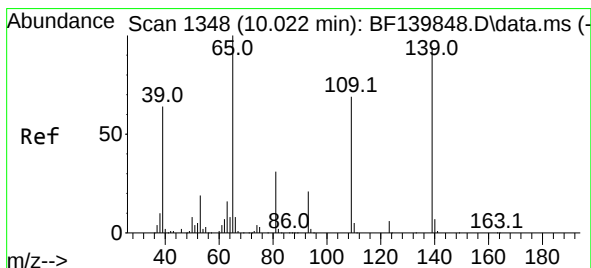
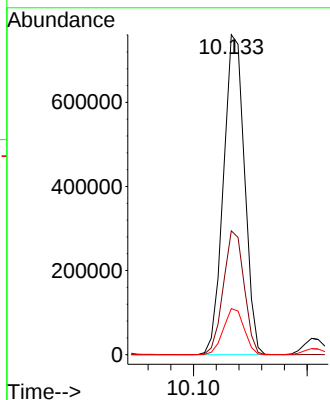
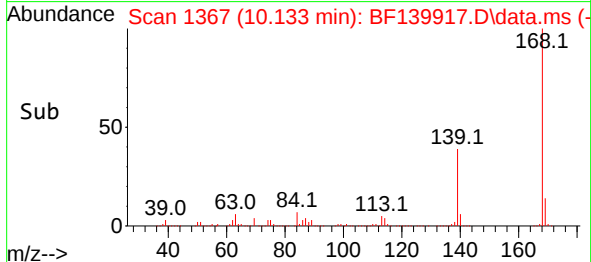
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 981598  
Ion Ratio Lower Upper  
168 100  
139 38.7 31.8 47.6  
169 14.4 11.6 17.4

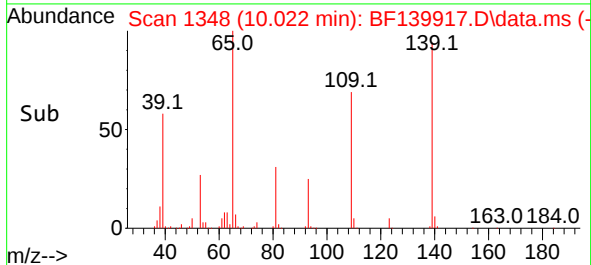
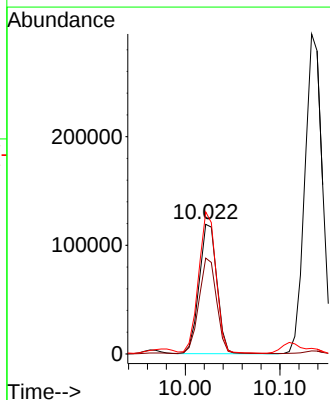
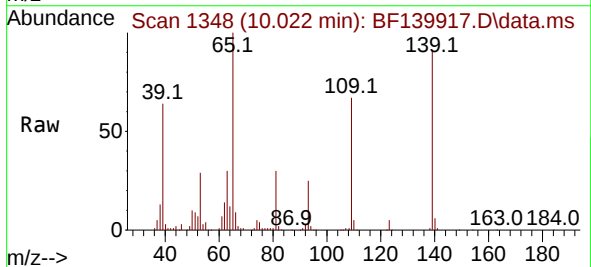
Manual Integrations  
APPROVED

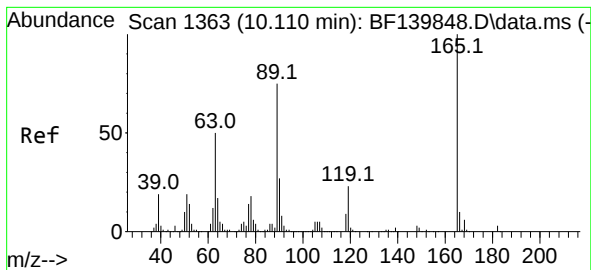
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#56  
4-Nitrophenol  
Concen: 44.196 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

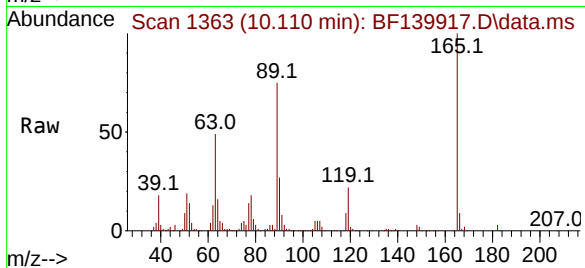
Tgt Ion:139 Resp: 156168  
Ion Ratio Lower Upper  
139 100  
109 73.9 53.6 93.6  
65 109.6 87.8 127.8





#57  
2,4-Dinitrotoluene  
Concen: 46.168 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

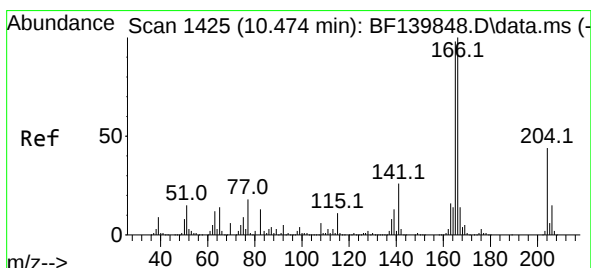
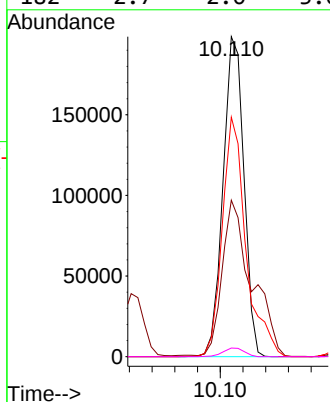
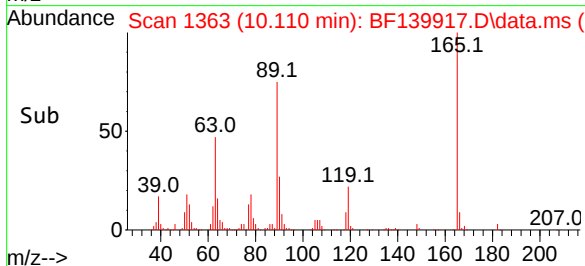
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



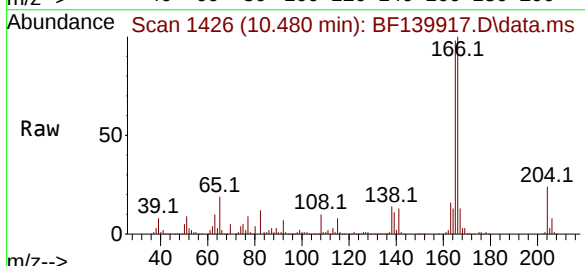
Tgt Ion:165 Resp: 252850  
Ion Ratio Lower Upper  
165 100  
63 48.9 40.1 60.1  
89 74.8 60.4 90.6  
182 2.7 2.0 3.0

Manual Integrations  
APPROVED

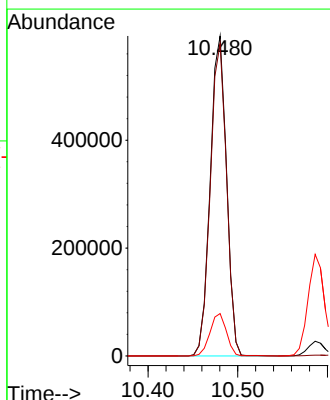
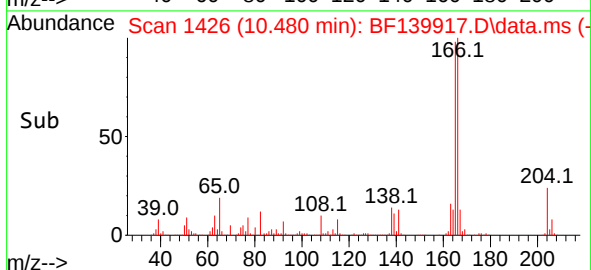
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#58  
Fluorene  
Concen: 39.491 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



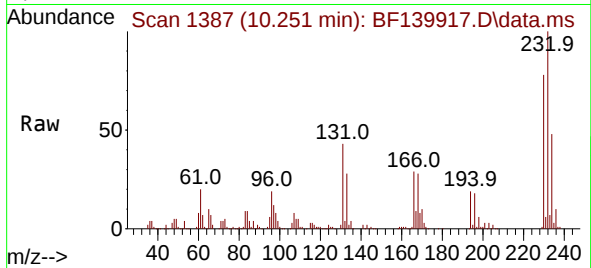
Tgt Ion:166 Resp: 747301  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.5 117.7  
167 13.3 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.053 ng  
RT: 10.251 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

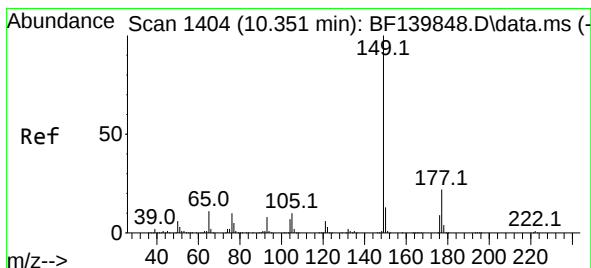
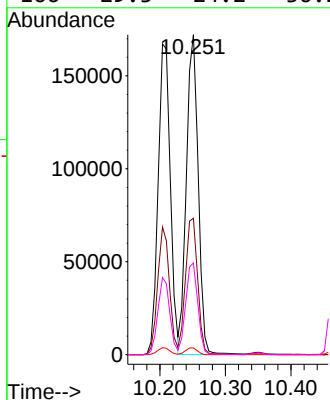
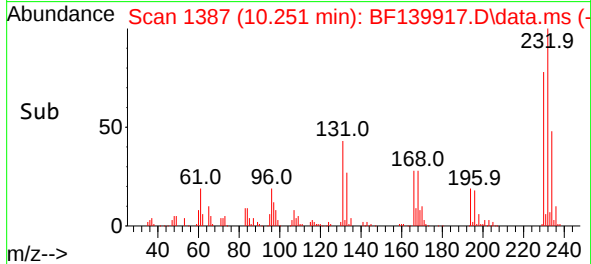
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 21453  
Ion Ratio Lower Upper  
232 100  
131 43.7 37.0 55.6  
130 2.2 1.9 2.9  
166 29.3 24.2 36.2

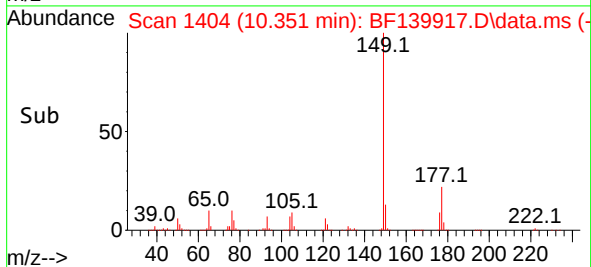
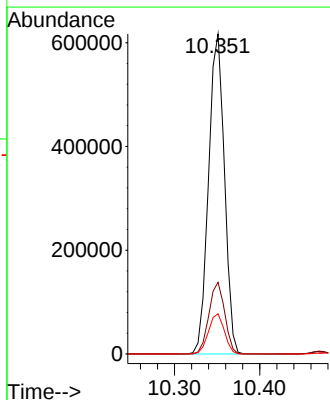
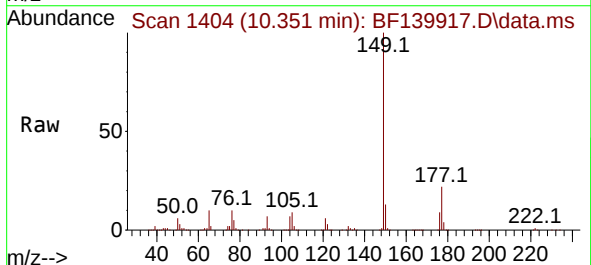
Manual Integrations  
APPROVED

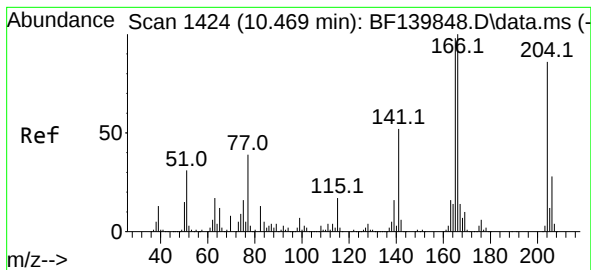
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#60  
Diethylphthalate  
Concen: 39.460 ng  
RT: 10.351 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

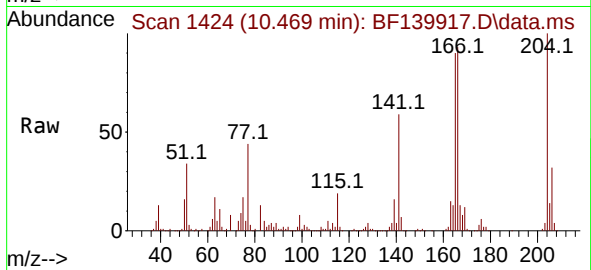
Tgt Ion:149 Resp: 796944  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.9 26.9  
150 12.6 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 40.608 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

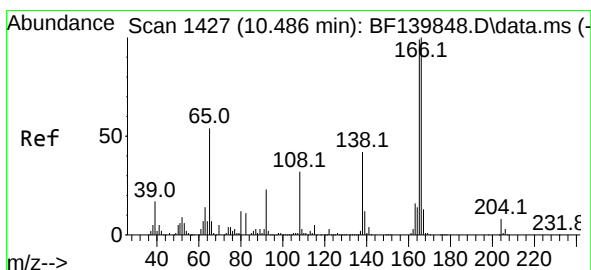
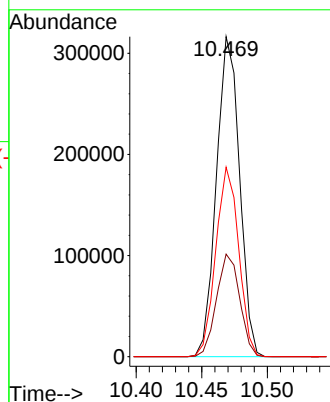
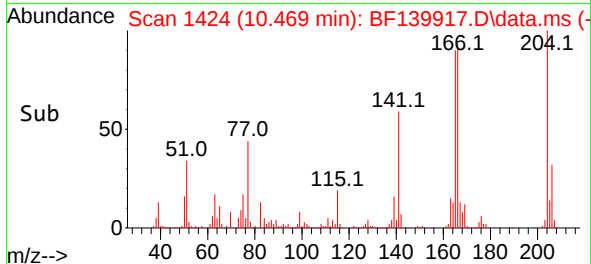
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



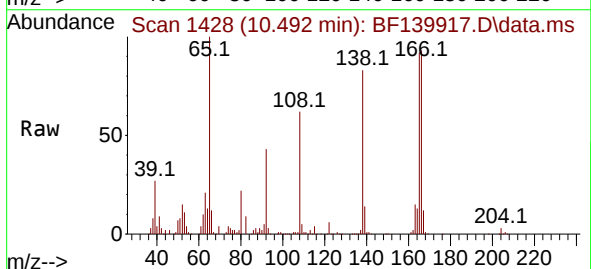
Tgt Ion:204 Resp: 38806  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.3 39.5  
141 59.2 48.6 73.0

Manual Integrations  
APPROVED

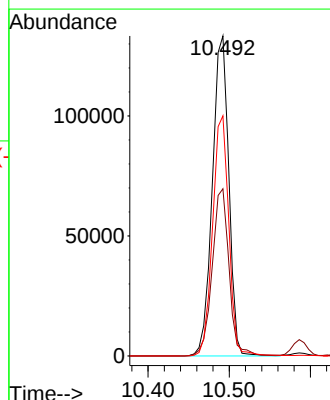
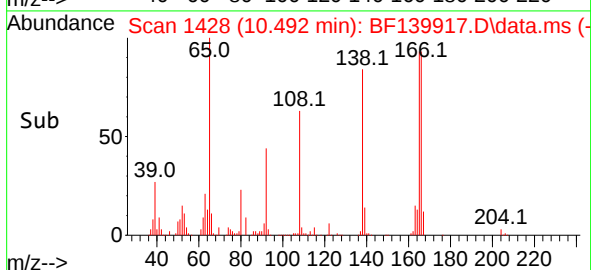
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

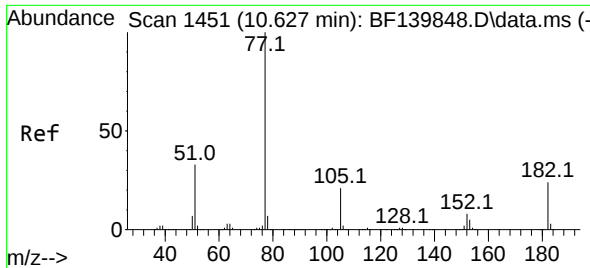


#62  
4-Nitroaniline  
Concen: 43.200 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:138 Resp: 187391  
Ion Ratio Lower Upper  
138 100  
92 52.2 35.7 75.7  
108 75.0 57.5 97.5





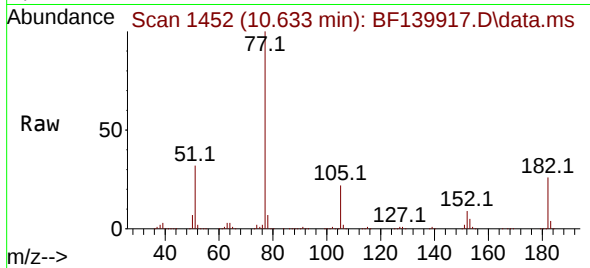
#63  
Azobenzene  
Concen: 38.524 ng  
RT: 10.633 min Scan# 1452  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

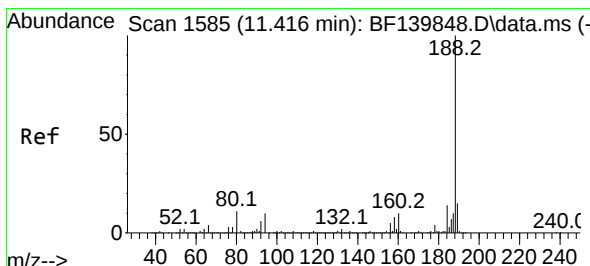
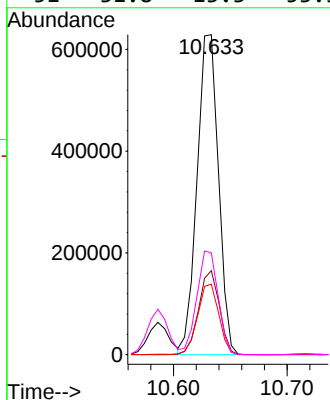
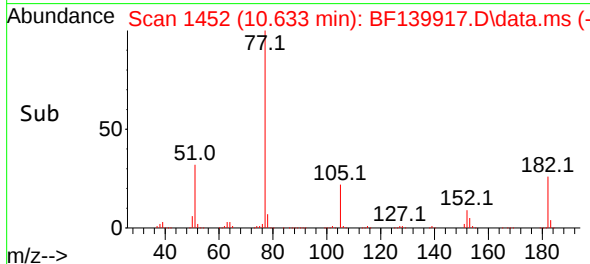


Tgt Ion: 77 Resp: 824845  
Ion Ratio Lower Upper  
77 100  
182 26.3 3.3 43.3  
105 22.1 1.2 41.2  
51 31.8 13.3 53.3

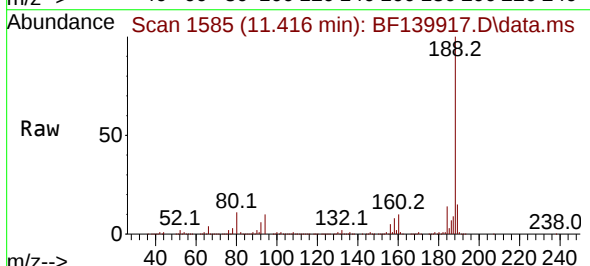
Manual Integrations

APPROVED

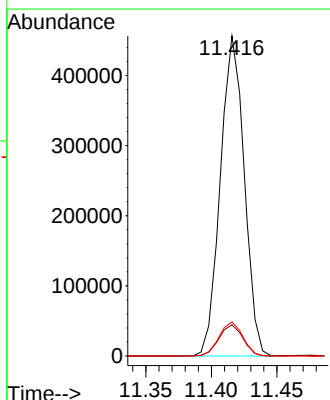
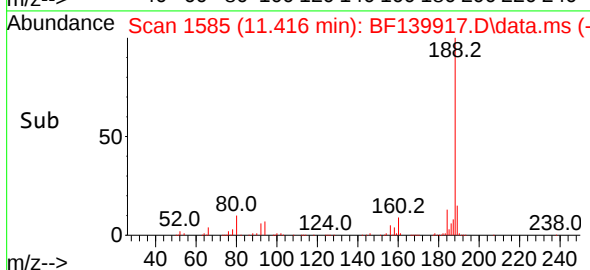
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:188 Resp: 578135  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.9 11.9  
80 10.6 9.0 13.4





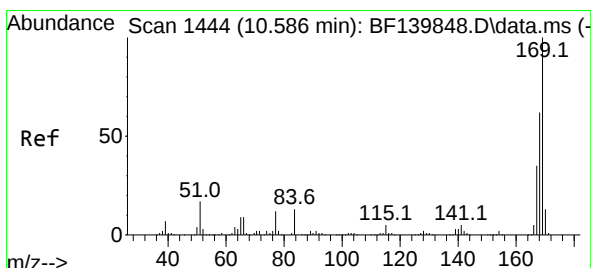
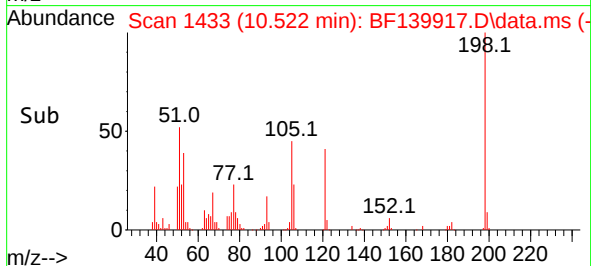
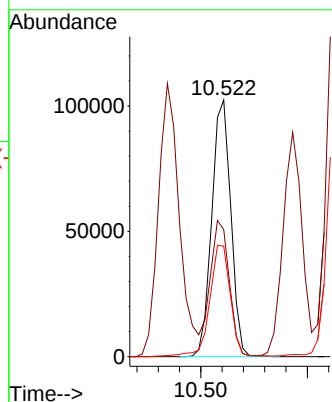
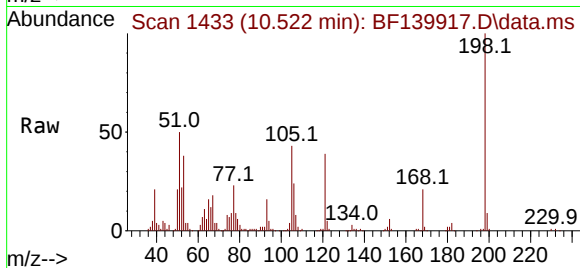
#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.853 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 126999  
Ion Ratio Lower Upper  
198 100  
51 49.5 38.2 78.2  
105 43.1 27.9 67.9

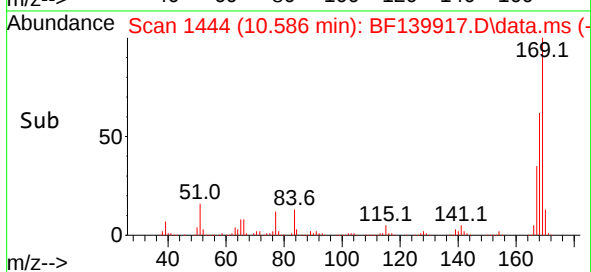
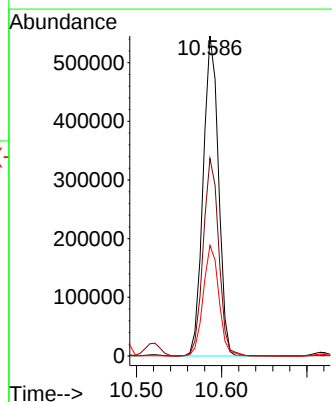
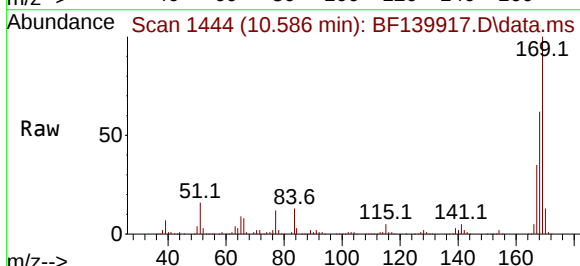
Manual Integrations  
APPROVED

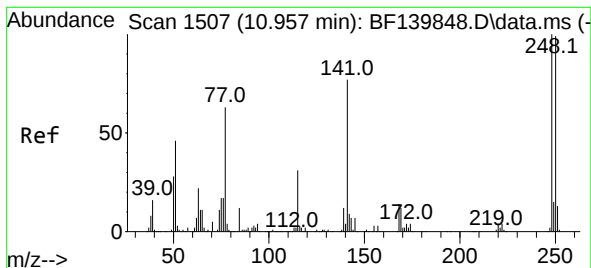
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#66  
n-Nitrosodiphenylamine  
Concen: 39.409 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

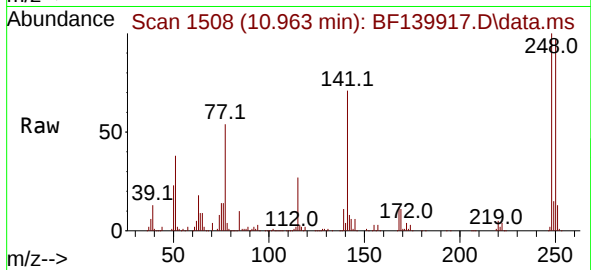
Tgt Ion:169 Resp: 681909  
Ion Ratio Lower Upper  
169 100  
168 61.8 49.8 74.6  
167 34.5 28.0 42.0





#67  
4-Bromophenyl-phenylether  
Concen: 40.773 ng  
RT: 10.963 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

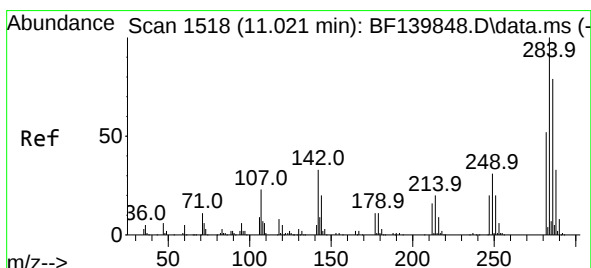
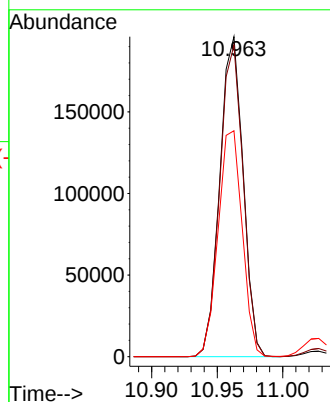
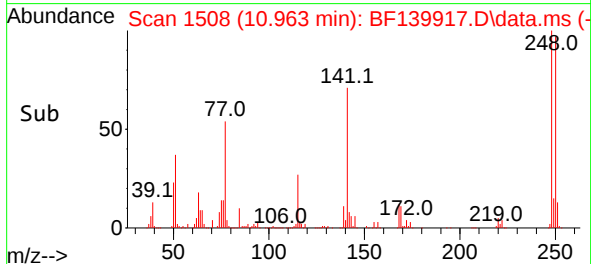
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



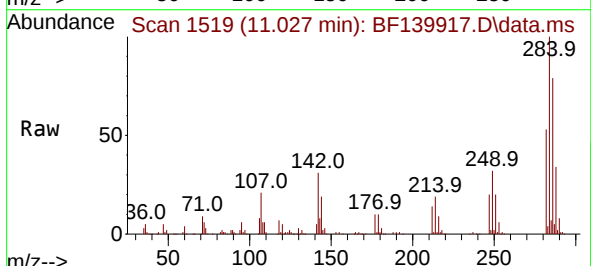
Tgt Ion:248 Resp: 242840  
Ion Ratio Lower Upper  
248 100  
250 97.4 79.0 118.6  
141 70.6 61.7 92.5

Manual Integrations  
APPROVED

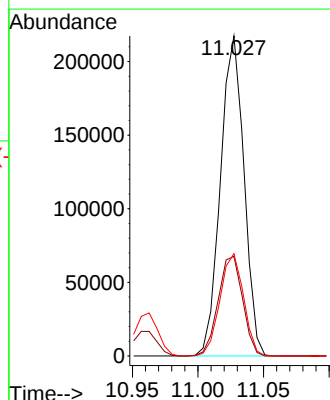
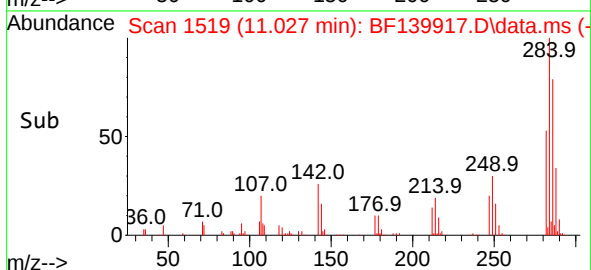
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

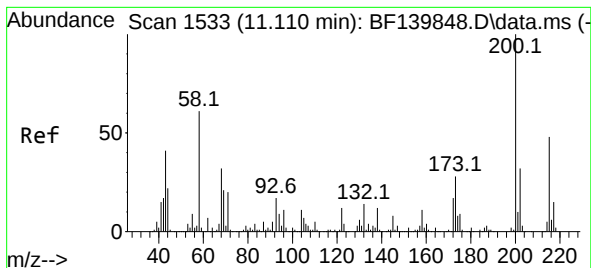


#68  
Hexachlorobenzene  
Concen: 40.445 ng  
RT: 11.027 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:284 Resp: 270916  
Ion Ratio Lower Upper  
284 100  
142 31.1 26.9 40.3  
249 31.9 25.3 37.9





#69

Atrazine

Concen: 41.123 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 19275

Ion Ratio Lower Upper

200 100

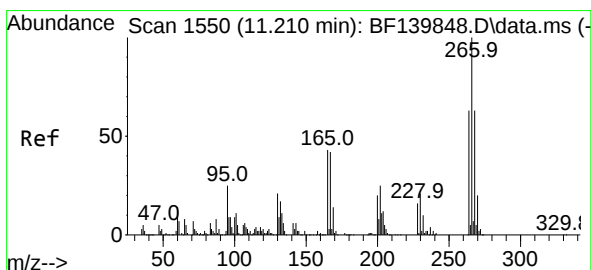
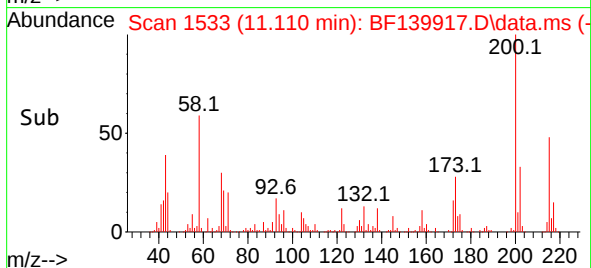
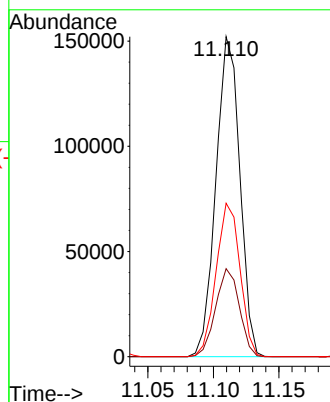
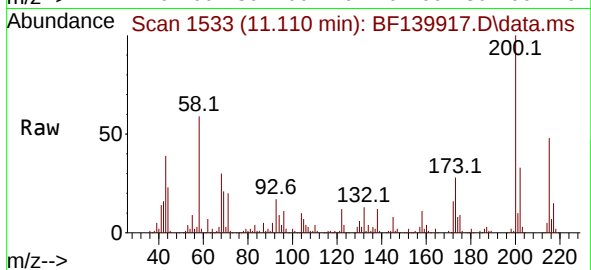
173 27.5 7.7 47.7

215 47.9 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#70

Pentachlorophenol

Concen: 45.904 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

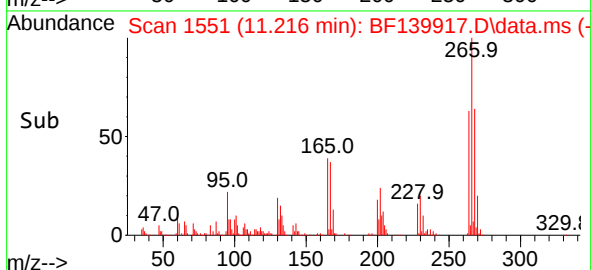
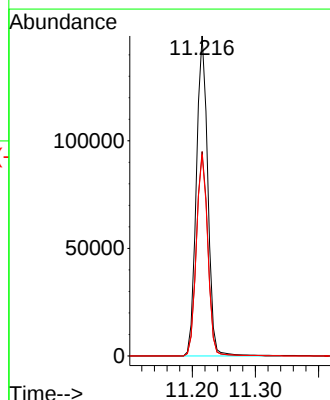
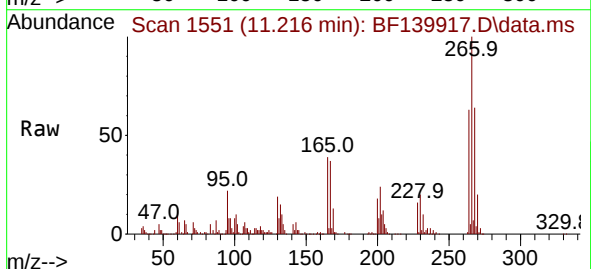
Tgt Ion:266 Resp: 186612

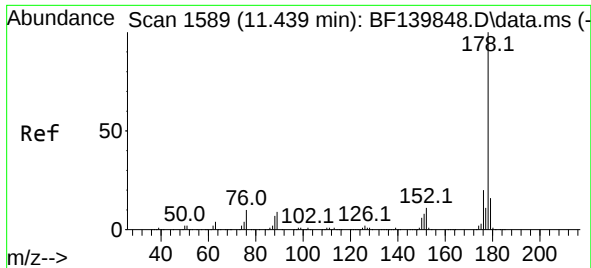
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

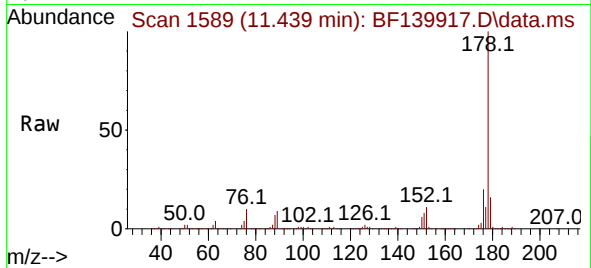
264 63.0 50.6 75.8





#71  
Phenanthrene  
Concen: 39.042 ng  
RT: 11.439 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

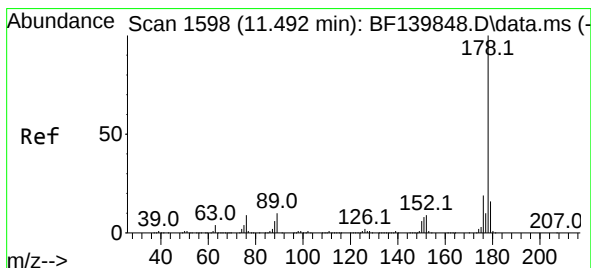
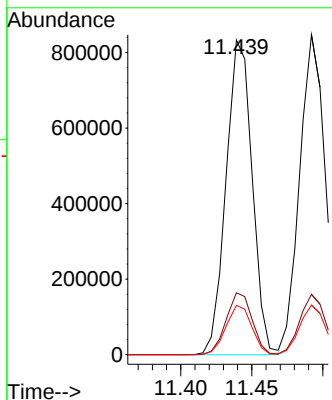
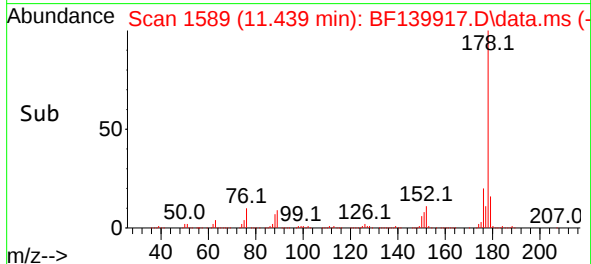
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



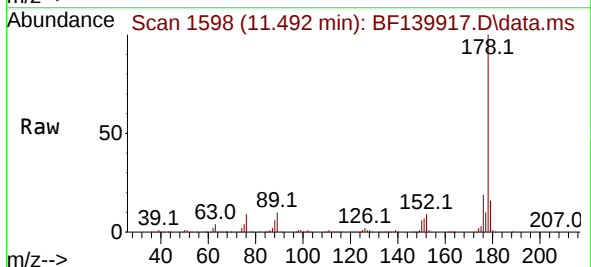
Tgt Ion:178 Resp: 106617  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.6  
179 15.6 12.6 18.8

Manual Integrations  
APPROVED

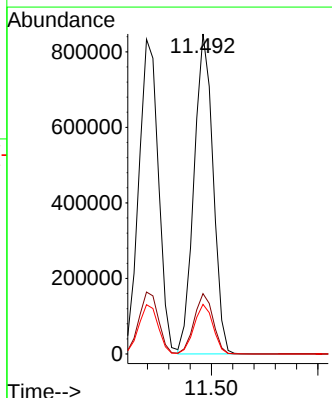
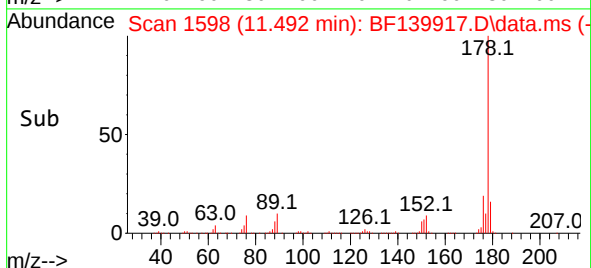
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

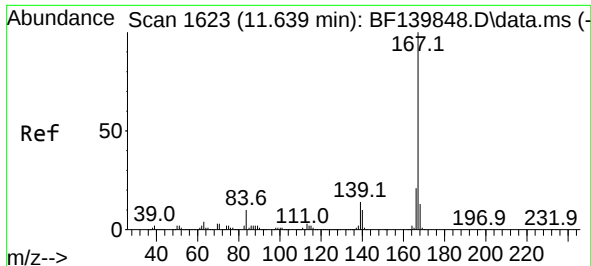


#72  
Anthracene  
Concen: 39.521 ng  
RT: 11.492 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:178 Resp: 1053026  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.5 12.4 18.6





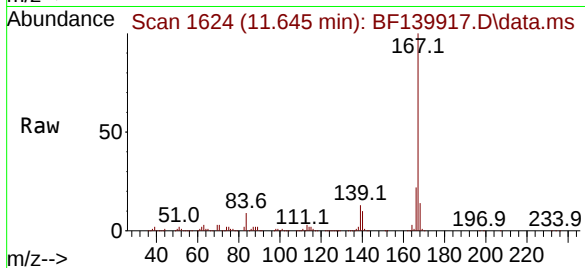
#73  
Carbazole  
Concen: 38.974 ng  
RT: 11.645 min Scan# 1624  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

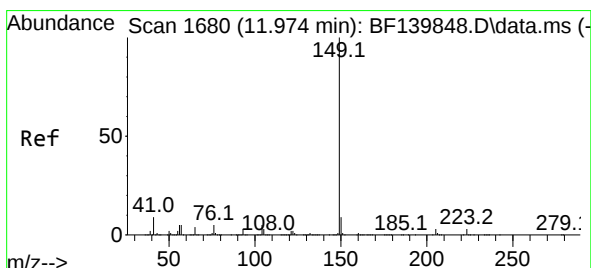
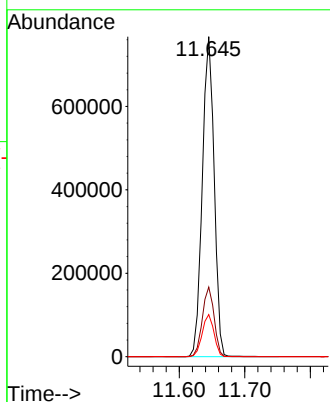
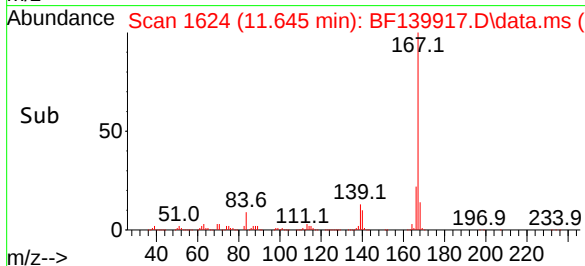


Tgt Ion:167 Resp: 96578  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.0 25.6  
139 13.2 10.8 16.2

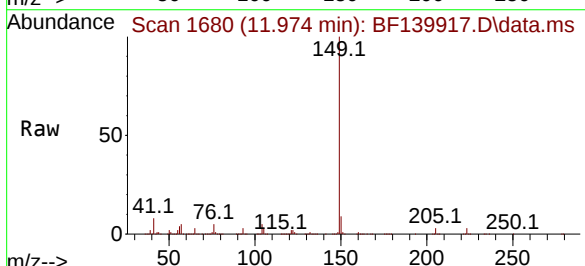
Manual Integrations

APPROVED

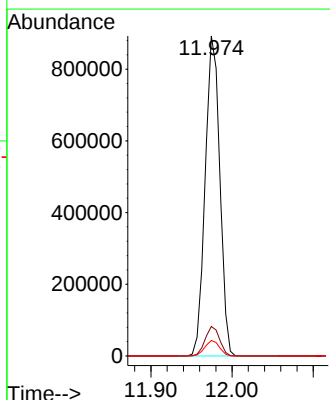
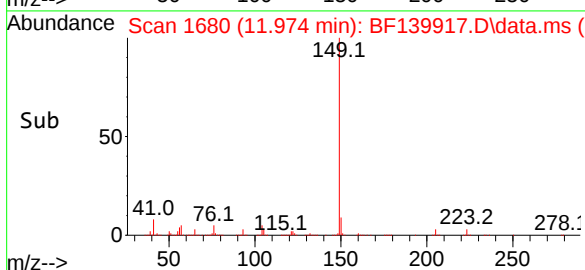
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

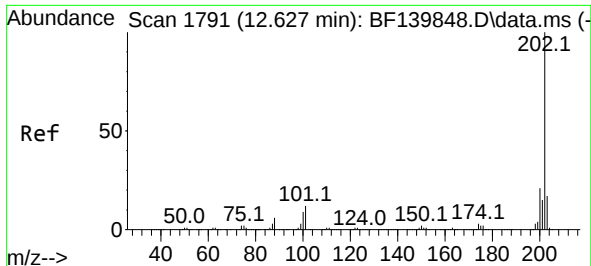


#74  
Di-n-butylphthalate  
Concen: 38.850 ng  
RT: 11.974 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:149 Resp: 1112257  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 4.9 4.1 6.1





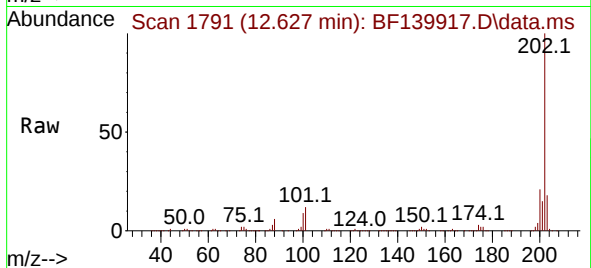
#75  
Fluoranthene  
Concen: 39.486 ng  
RT: 12.627 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

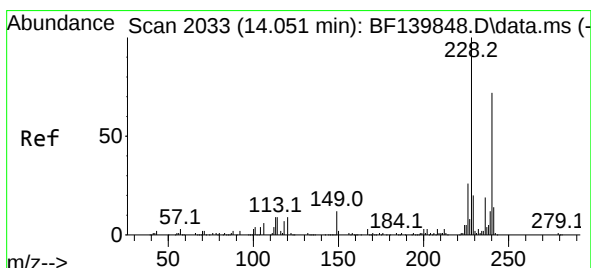
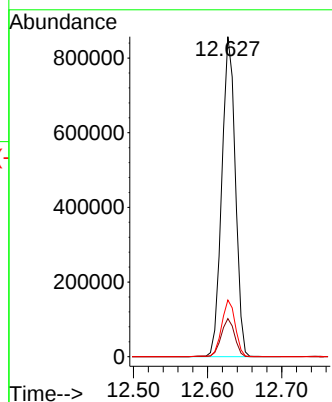
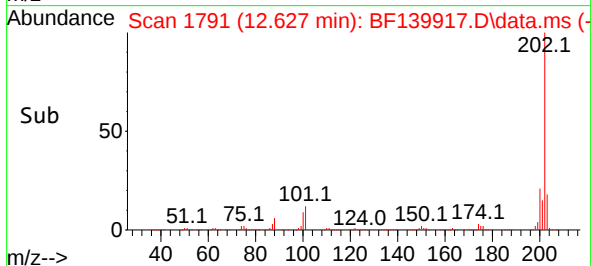


Tgt Ion:202 Resp: 1090098  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 31.9  
203 17.7 0.0 37.5

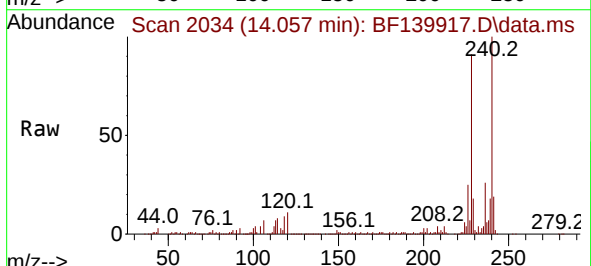
Manual Integrations

APPROVED

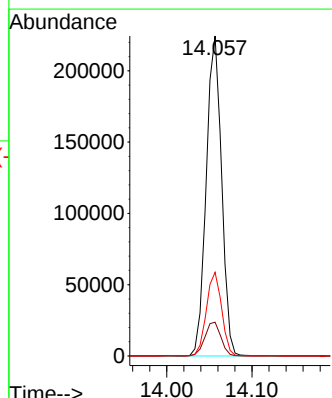
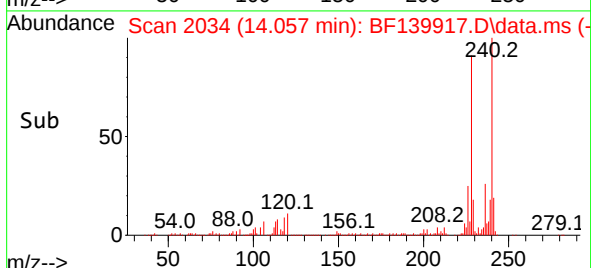
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

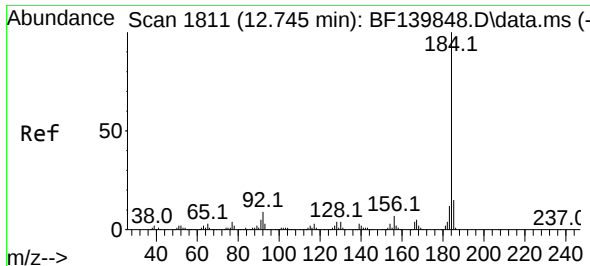


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2034  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



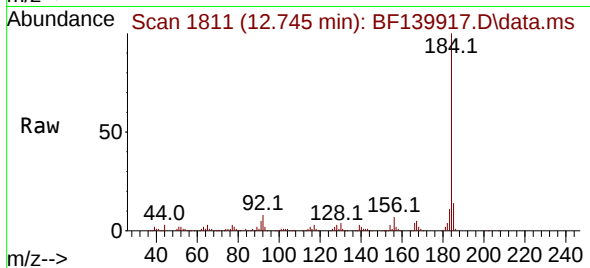
Tgt Ion:240 Resp: 280536  
Ion Ratio Lower Upper  
240 100  
120 10.5 9.4 14.2  
236 26.2 20.9 31.3





#77  
Benzidine  
Concen: 50.551 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

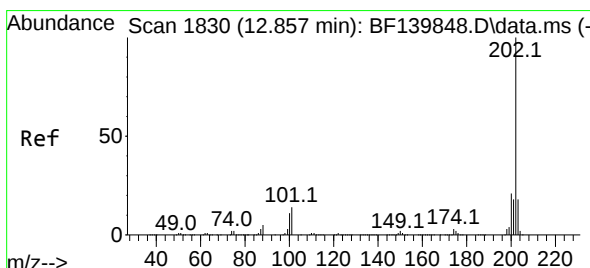
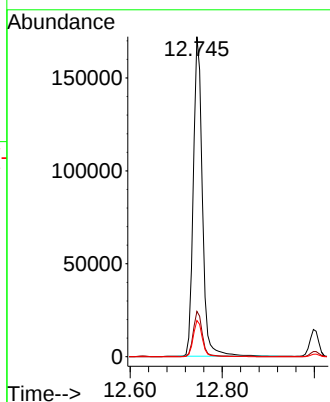
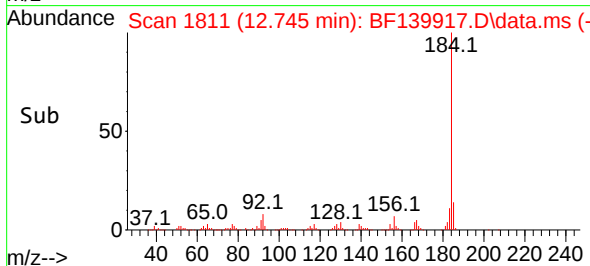
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 23319  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.0 18.0  
183 11.3 9.4 14.2

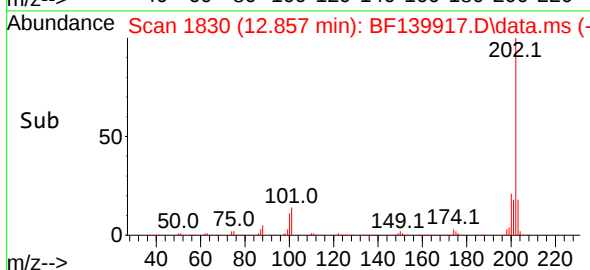
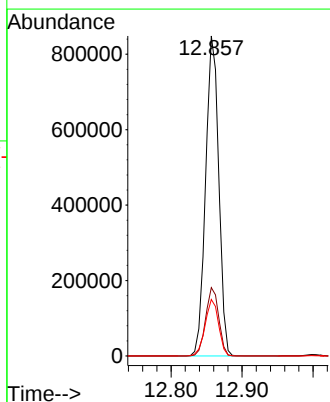
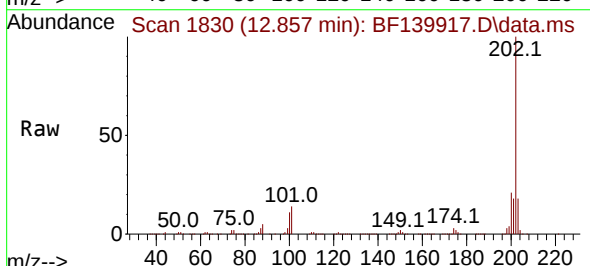
Manual Integrations  
APPROVED

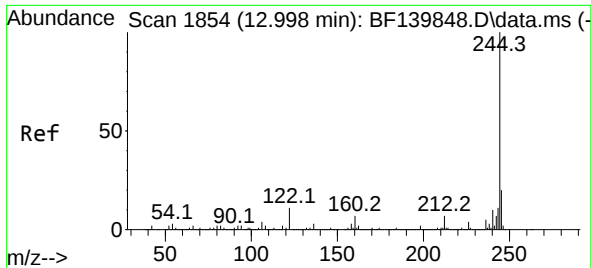
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#78  
Pyrene  
Concen: 44.484 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Tgt Ion:202 Resp: 1092350  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.2 25.8  
203 17.7 14.2 21.4





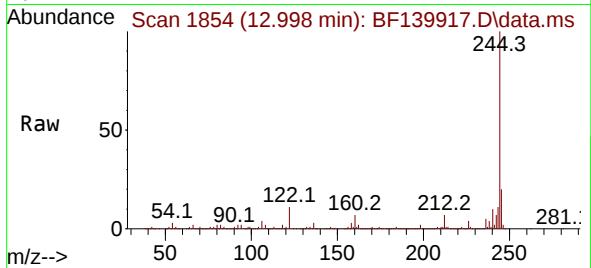
#79  
 Terphenyl-d14  
 Concen: 86.855 ng  
 RT: 12.998 min Scan# 1854  
 Delta R.T. 0.000 min  
 Lab File: BF139917.D  
 Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

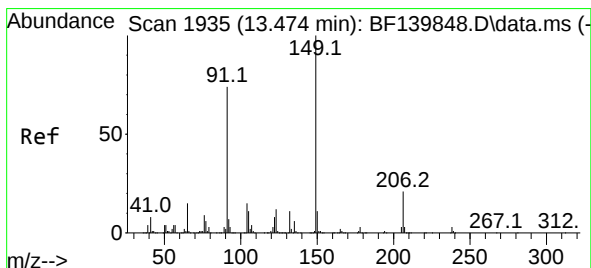
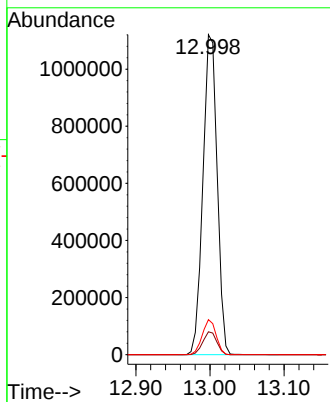
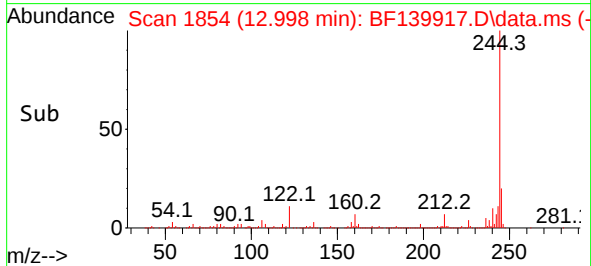


Tgt Ion:244 Resp: 149531  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 11.0 8.6 13.0

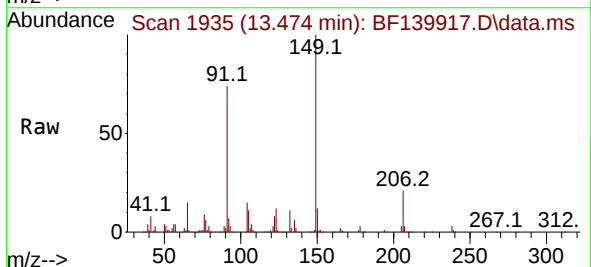
Manual Integrations

APPROVED

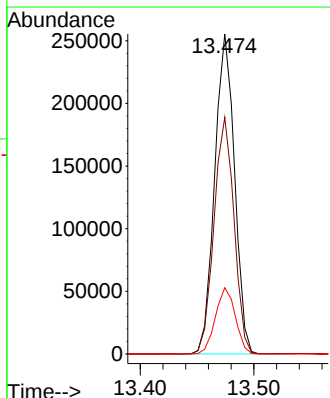
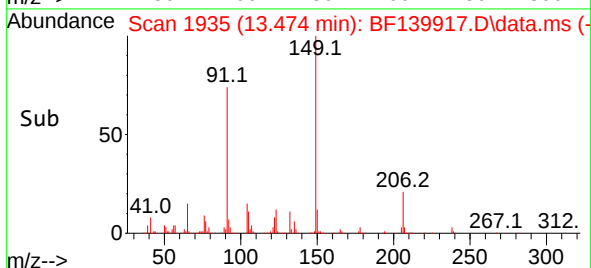
Reviewed By :Jagrut Upadhyay 10/23/2024  
 Supervised By :mohammad ahmed 10/24/2024

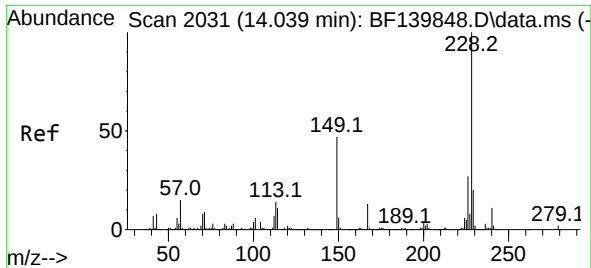


#80  
 Butylbenzylphthalate  
 Concen: 42.204 ng  
 RT: 13.474 min Scan# 1935  
 Delta R.T. 0.000 min  
 Lab File: BF139917.D  
 Acq: 22 Oct 2024 09:39



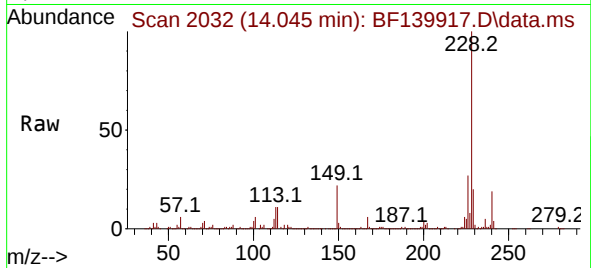
Tgt Ion:149 Resp: 310703  
 Ion Ratio Lower Upper  
 149 100  
 91 73.9 59.4 89.2  
 206 20.7 16.4 24.6





#81  
Benzo(a)anthracene  
Concen: 39.892 ng  
RT: 14.045 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

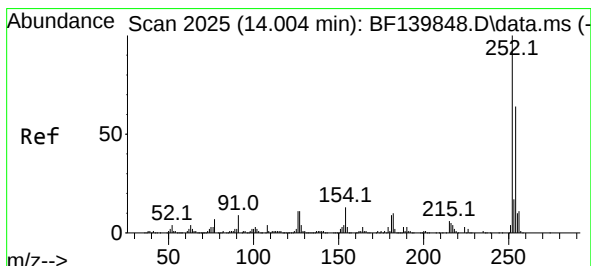
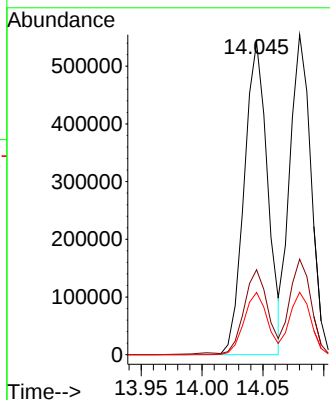
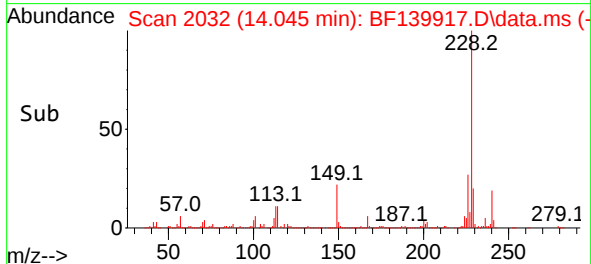
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



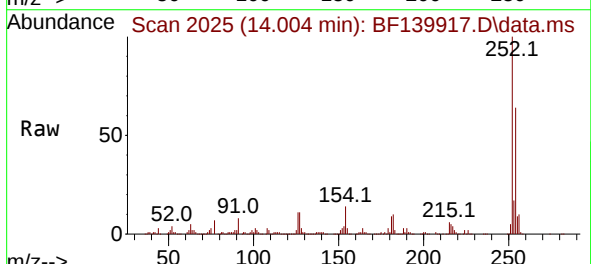
Tgt Ion:228 Resp: 72851  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.6 32.4  
229 19.9 16.1 24.1

Manual Integrations  
APPROVED

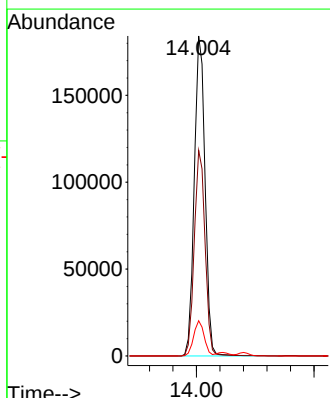
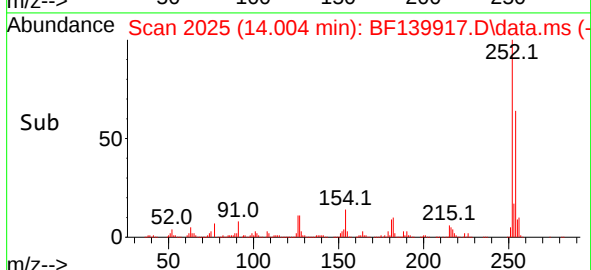
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

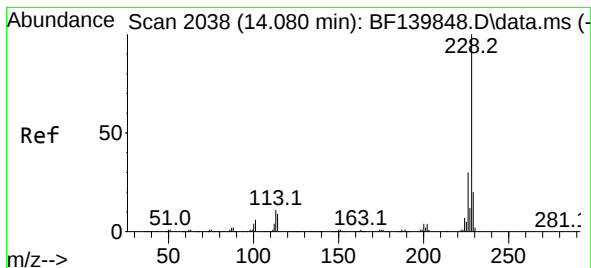


#82  
3,3'-Dichlorobenzidine  
Concen: 44.037 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:252 Resp: 234479  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.8 76.2  
126 11.0 8.9 13.3





#83

Chrysene

Concen: 40.226 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 673549

Ion Ratio Lower Upper

228 100

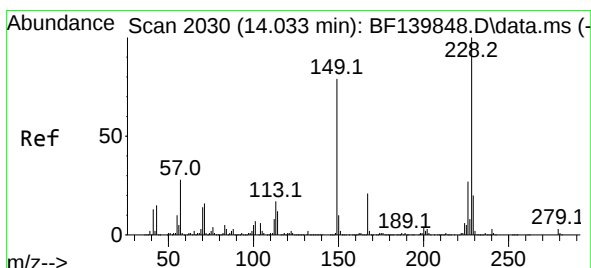
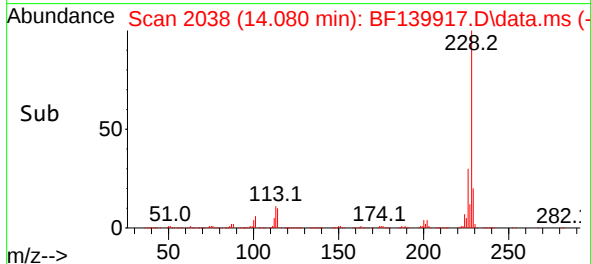
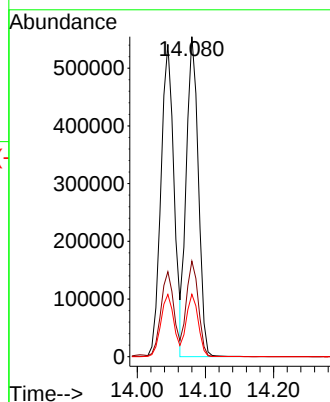
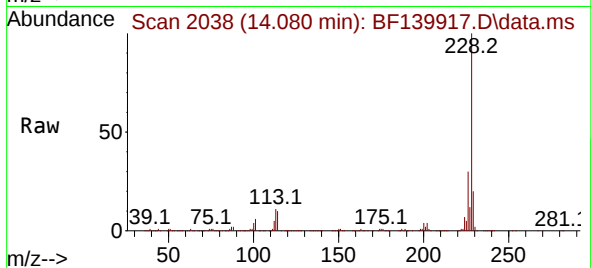
226 29.9 24.1 36.1

229 19.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.352 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

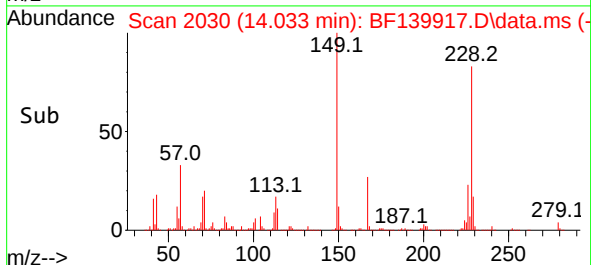
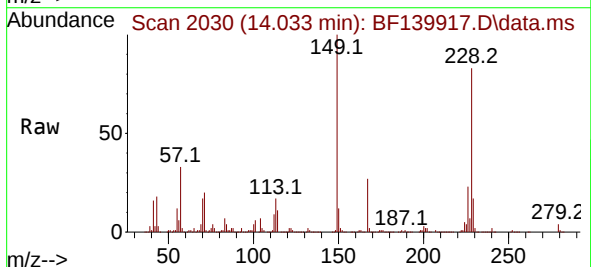
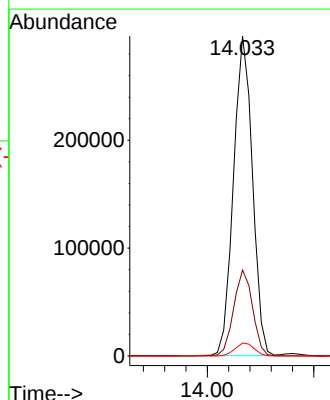
Tgt Ion:149 Resp: 366338

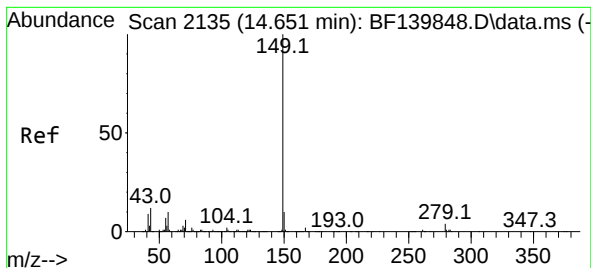
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

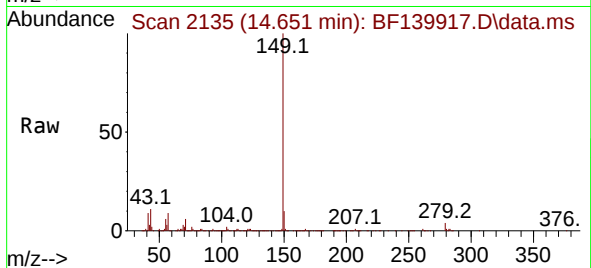
279 4.0 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 43.844 ng  
RT: 14.651 min Scan# 2135  
Delta R.T. -0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

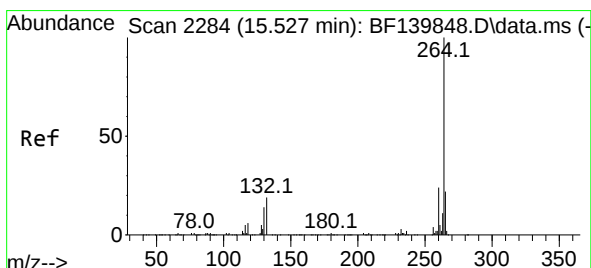
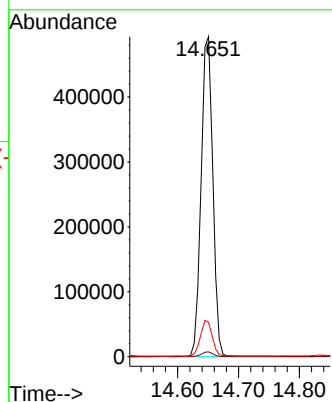
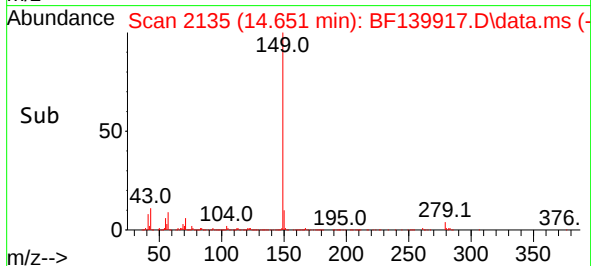
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 65869  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.3 9.8 14.6

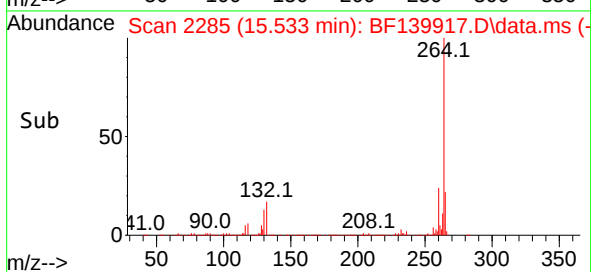
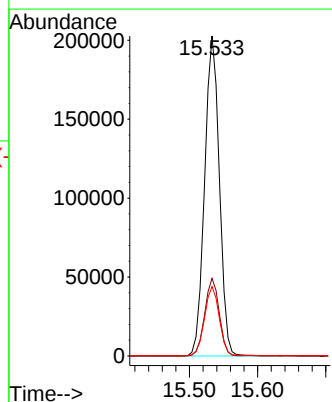
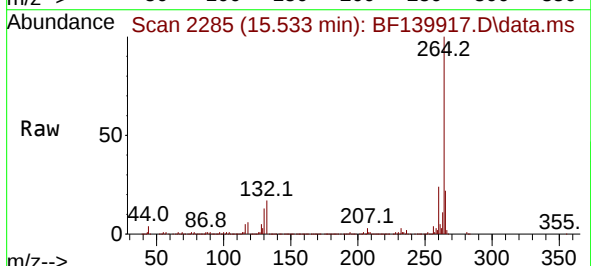
Manual Integrations  
APPROVED

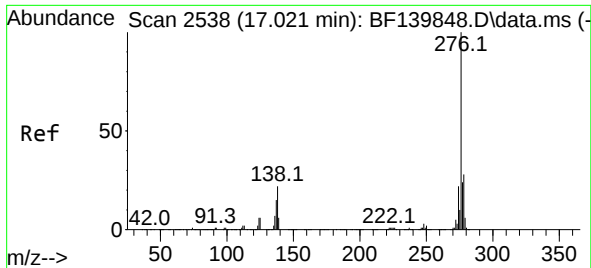
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2285  
Delta R.T. 0.006 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

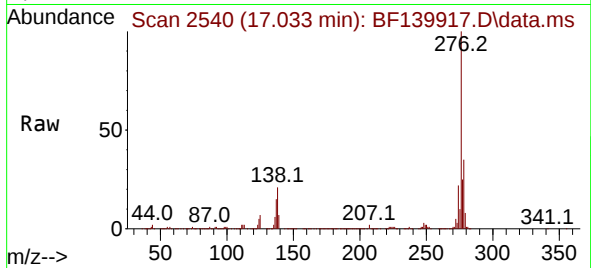
Tgt Ion:264 Resp: 304746  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.4 29.2  
265 21.7 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.868 ng  
RT: 17.033 min Scan# 2540  
Delta R.T. 0.012 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

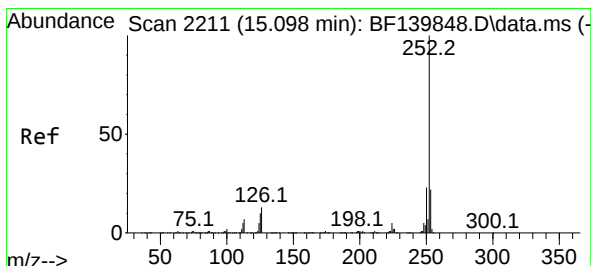
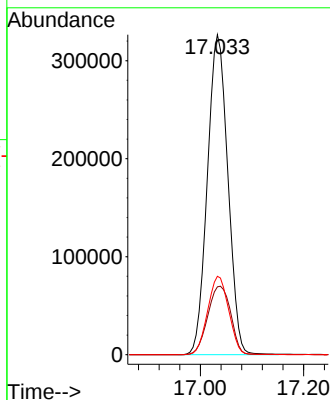
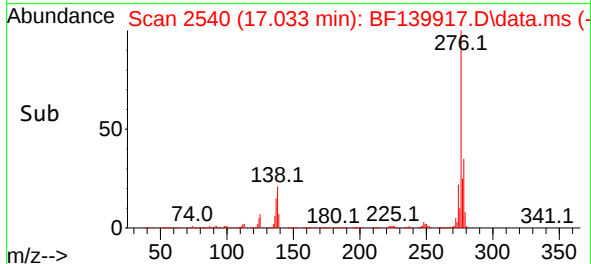
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



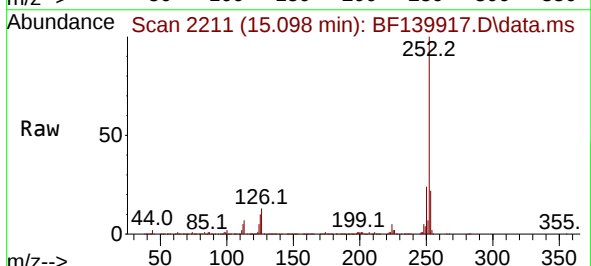
Tgt Ion:276 Resp: 89924  
Ion Ratio Lower Upper  
276 100  
138 24.0 20.4 30.6  
277 25.2 20.2 30.4

Manual Integrations  
APPROVED

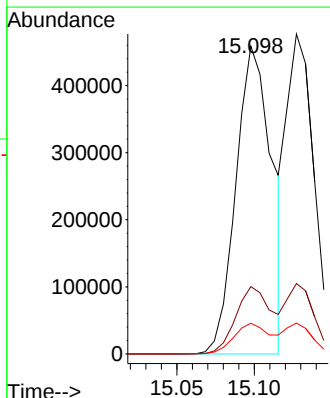
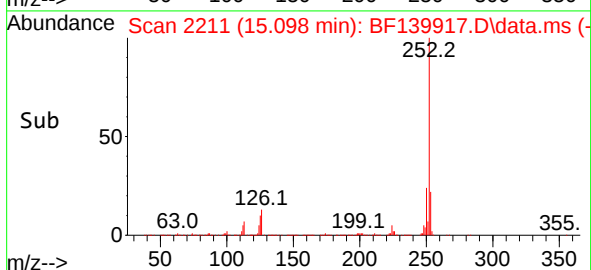
Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024

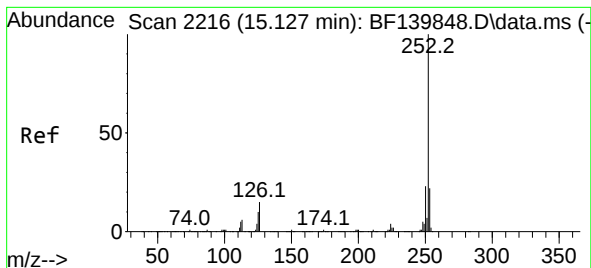


#88  
Benzo(b)fluoranthene  
Concen: 39.789 ng  
RT: 15.098 min Scan# 2211  
Delta R.T. 0.000 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:252 Resp: 738627  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 36.841 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

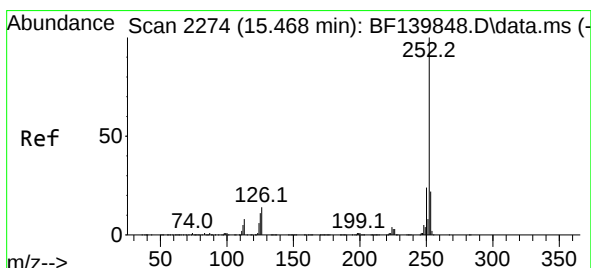
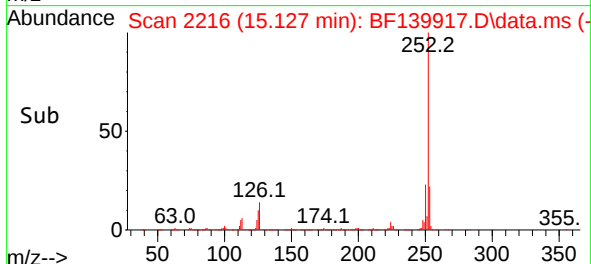
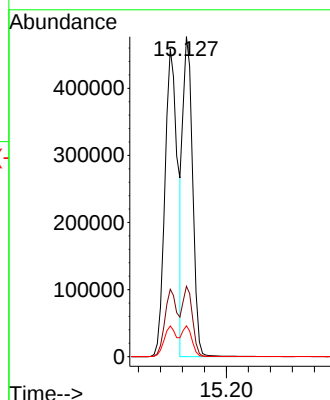
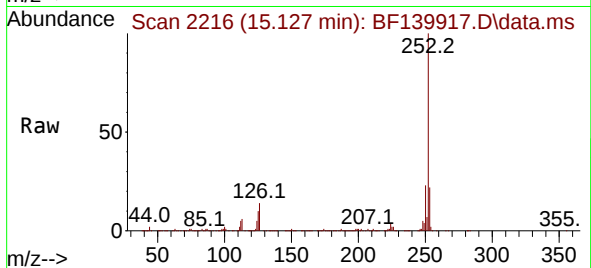
SSTDCCC040

Tgt Ion:252 Resp: 58981  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.6 26.4  
 125 9.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
 Supervised By :mohammad ahmed 10/24/2024



#90

Benzo(a)pyrene

Concen: 40.221 ng

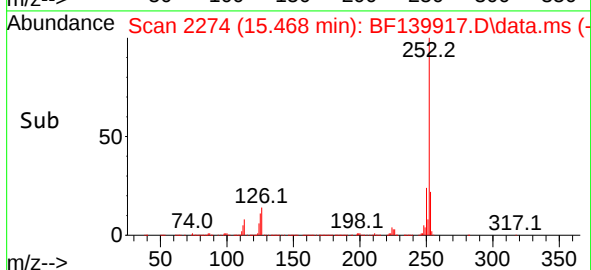
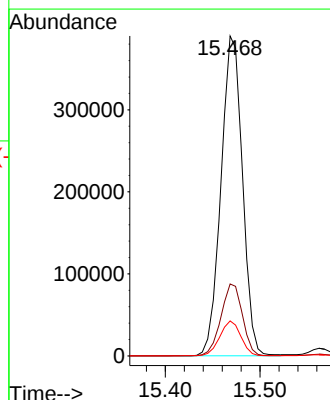
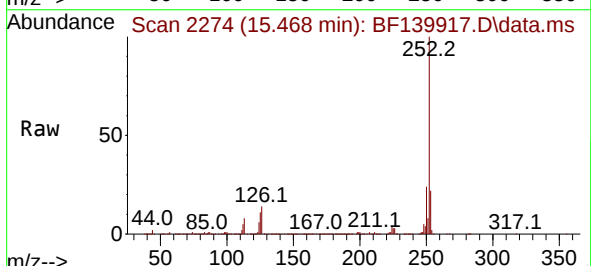
RT: 15.468 min Scan# 2274

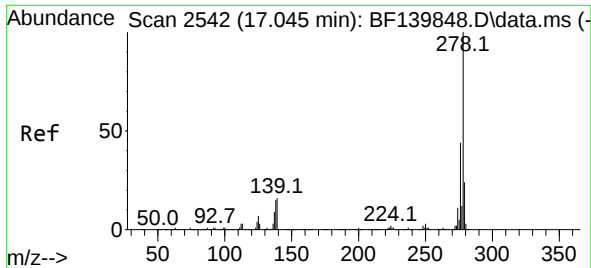
Delta R.T. 0.000 min

Lab File: BF139917.D

Acq: 22 Oct 2024 09:39

Tgt Ion:252 Resp: 614376  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.3 25.9  
 125 11.0 8.7 13.1





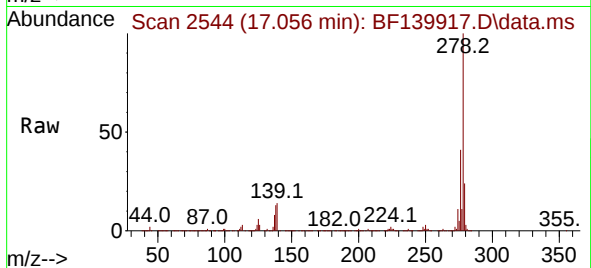
#91  
Dibenzo(a,h)anthracene  
Concen: 45.459 ng  
RT: 17.056 min Scan# 2544  
Delta R.T. 0.012 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

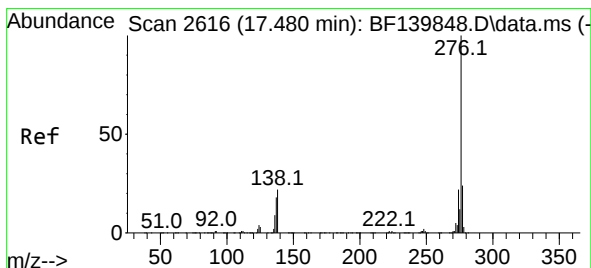
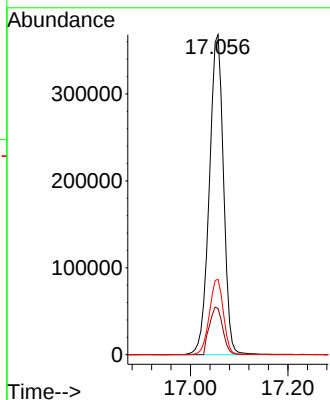
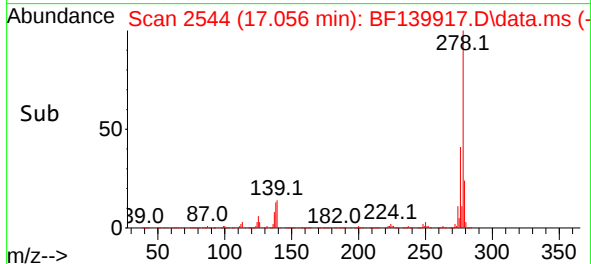


Tgt Ion:278 Resp: 743480  
Ion Ratio Lower Upper  
278 100  
139 14.4 13.1 19.7  
279 23.5 19.0 28.4

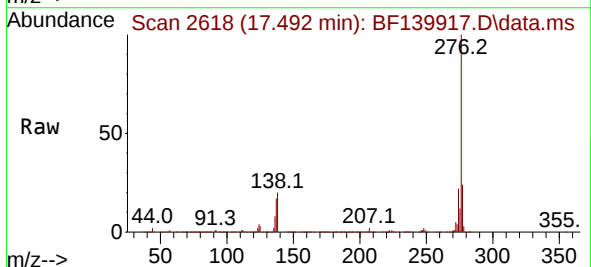
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024  
Supervised By :mohammad ahmed 10/24/2024



#92  
Benzo(g,h,i)perylene  
Concen: 47.183 ng  
RT: 17.492 min Scan# 2618  
Delta R.T. 0.012 min  
Lab File: BF139917.D  
Acq: 22 Oct 2024 09:39



Tgt Ion:276 Resp: 770798  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.6  
138 20.1 17.4 26.0

