

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101524\  
 Data File : BF139808.D  
 Acq On : 15 Oct 2024 12:46  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024  
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:26:18 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 15 15:37:43 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 91402    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 336590   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 181785   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 308744   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.016 | 240  | 134108   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.480 | 264  | 161081   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 224882   | 41.513 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 299081   | 41.514 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 269364   | 41.190 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 66988    | 43.693 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 509838   | 41.948 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 362255   | 44.372 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.599  | 88   | 46409    | 19.689 | ng    | 98       |
| 3) Pyridine                   | 3.352  | 79   | 117407   | 20.354 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.299  | 42   | 67926    | 19.829 | ng    | 97       |
| 6) Aniline                    | 6.516  | 93   | 130388   | 21.005 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.640  | 128  | 119644   | 20.919 | ng    | 98       |
| 9) Benzaldehyde               | 6.404  | 77   | 88888    | 21.966 | ng    | 98       |
| 10) Phenol                    | 6.498  | 94   | 156944   | 20.753 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 114720   | 20.342 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 132730   | 20.525 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 134777   | 20.777 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 126129   | 20.956 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 108419   | 20.909 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128  | 45   | 206332   | 20.878 | ng    | 92       |
| 17) 2-Methylphenol            | 7.110  | 107  | 96055    | 20.761 | ng    | 99       |
| 18) Hexachloroethane          | 7.363  | 117  | 48965    | 20.835 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 86874    | 20.707 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 121482   | 20.881 | ng    | 93       |
| 22) Acetophenone              | 7.263  | 105  | 161880   | 20.493 | ng    | 99       |
| 24) Nitrobenzene              | 7.434  | 77   | 141592   | 20.769 | ng    | 99       |
| 25) Isophorone                | 7.669  | 82   | 231033   | 20.702 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 60247    | 20.297 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.787  | 122  | 75077    | 20.815 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.881  | 93   | 142240   | 20.768 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.992  | 162  | 96807    | 20.695 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 110396   | 20.728 | ng    | 99       |
| 31) Naphthalene               | 8.157  | 128  | 362940   | 20.922 | ng    | 99       |
| 32) Benzoic acid              | 7.887  | 122  | 64581    | 19.392 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 119555   | 21.016 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 69610    | 20.597 | ng    | 99       |
| 35) Caprolactam               | 8.557  | 113  | 27289    | 20.663 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 102799   | 20.694 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 228775   | 21.035 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 220973   | 20.870 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 109389   | 20.718 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.998  | 237  | 15879    | 19.053 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 68986    | 20.553 | ng    | 100      |

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Manual Integrations  
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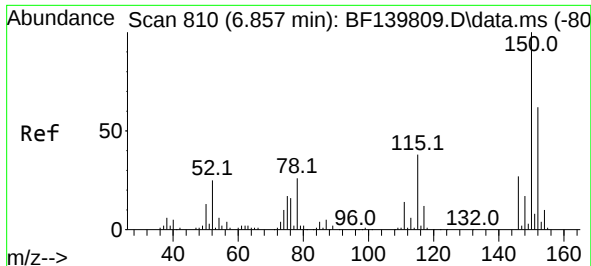
Reviewed By :Yogesh Patel 10/16/2024  
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:26:18 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 75954    | 21.118 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 283992   | 20.662 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 217902   | 20.750 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.433  | 65   | 71468    | 20.845 | ng    | 97       |
| 49) Acenaphthylene            | 9.751  | 152  | 320274   | 20.766 | ng    | 100      |
| 50) Dimethylphthalate         | 9.610  | 163  | 232311   | 20.878 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 53647    | 21.130 | ng    | 99       |
| 52) Acenaphthene              | 9.922  | 154  | 204241m  | 20.912 | ng    |          |
| 53) 3-Nitroaniline            | 9.845  | 138  | 53315    | 21.062 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 20162    | 19.541 | ng    | 98       |
| 55) Dibenzofuran              | 10.092 | 168  | 308870   | 21.083 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 31792    | 20.863 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 67167    | 21.428 | ng    | 98       |
| 58) Fluorene                  | 10.439 | 166  | 242376   | 21.257 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 57149    | 21.367 | ng    | 99       |
| 60) Diethylphthalate          | 10.304 | 149  | 229820   | 21.229 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.428 | 204  | 118303   | 20.998 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.451 | 138  | 49821    | 21.519 | ng    | 99       |
| 63) Azobenzene                | 10.586 | 77   | 235632   | 20.879 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 30828    | 19.032 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 196628   | 20.134 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 67654    | 20.339 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 74997    | 20.155 | ng    | 98       |
| 69) Atrazine                  | 11.069 | 200  | 43257    | 23.726 | ng    | 98       |
| 70) Pentachlorophenol         | 11.180 | 266  | 31716    | 19.931 | ng    | 98       |
| 71) Phenanthrene              | 11.398 | 178  | 301686   | 20.457 | ng    | 100      |
| 72) Anthracene                | 11.451 | 178  | 303732   | 20.960 | ng    | 100      |
| 73) Carbazole                 | 11.604 | 167  | 266507   | 20.787 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 286288   | 20.550 | ng    | 100      |
| 75) Fluoranthene              | 12.586 | 202  | 280574   | 20.164 | ng    | 99       |
| 77) Benzidine                 | 12.710 | 184  | 31189    | 13.922 | ng    | 99       |
| 78) Pyrene                    | 12.816 | 202  | 280210   | 21.255 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 74985    | 20.980 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 181344   | 20.358 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 59409    | 20.016 | ng    | 100      |
| 83) Chrysene                  | 14.039 | 228  | 166400   | 20.495 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 95120    | 20.633 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 171224   | 19.963 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.945 | 276  | 229629   | 21.289 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 180135   | 19.496 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 174442   | 21.274 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.415 | 252  | 166202   | 20.594 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.962 | 278  | 187503   | 21.197 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.392 | 276  | 195611   | 21.084 | ng    | 99       |

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





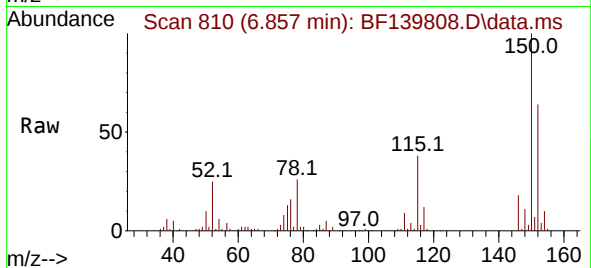
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

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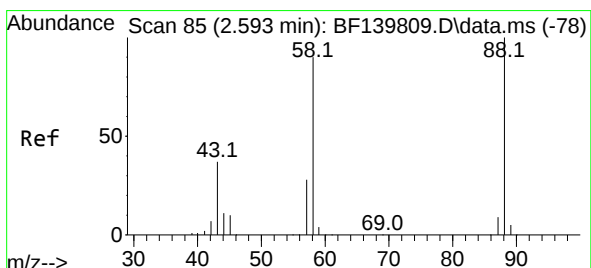
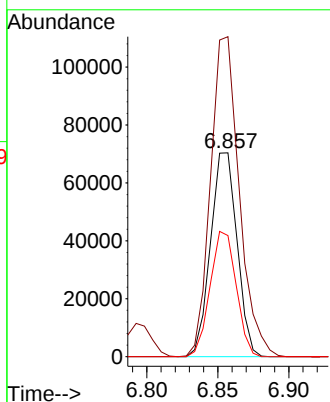
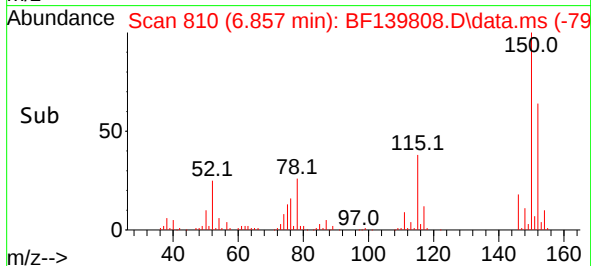
Tgt Ion:152 Resp: 91402  
Ion Ratio Lower Upper  
152 100  
150 156.9 128.2 192.2  
115 59.4 48.1 72.1

Manual Integrations

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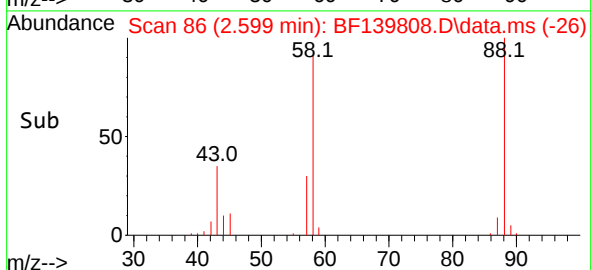
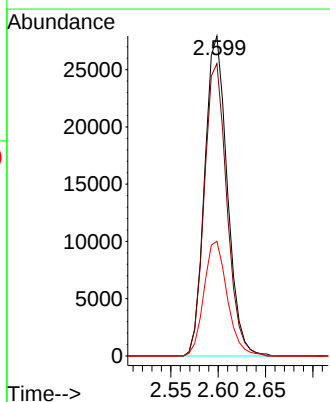
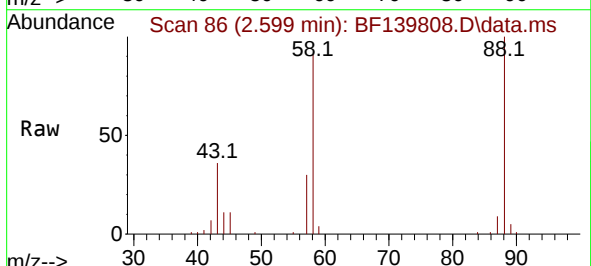
Reviewed By :Yogesh Patel 10/16/2024

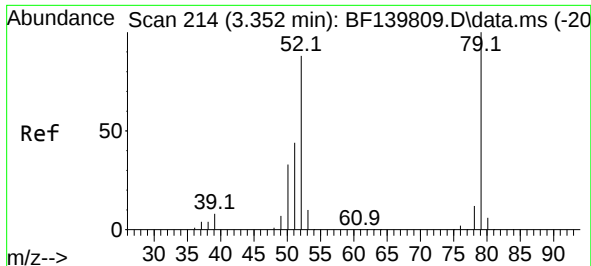
Supervised By :mohammad ahmed 10/16/2024



#2  
1,4-Dioxane  
Concen: 19.689 ng  
RT: 2.599 min Scan# 86  
Delta R.T. 0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion: 88 Resp: 46409  
Ion Ratio Lower Upper  
88 100  
58 91.1 71.3 106.9  
43 37.1 28.9 43.3





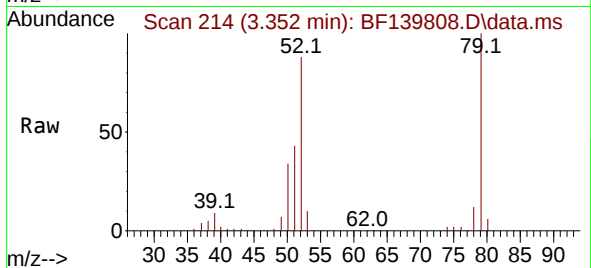
#3  
Pyridine  
Concen: 20.354 ng  
RT: 3.352 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

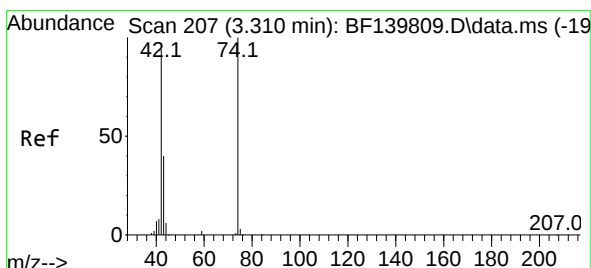
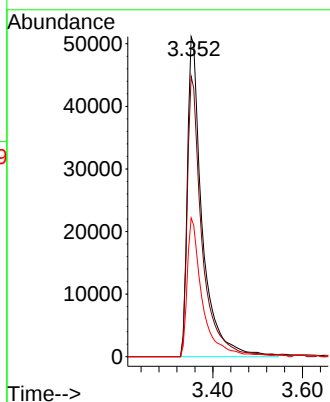
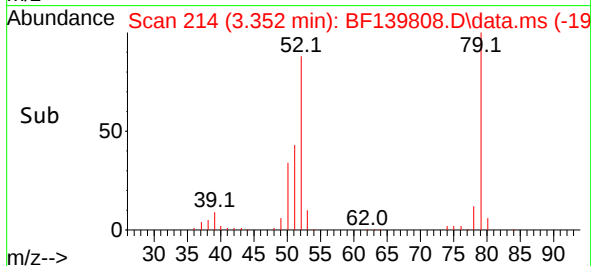
SSTDICC020



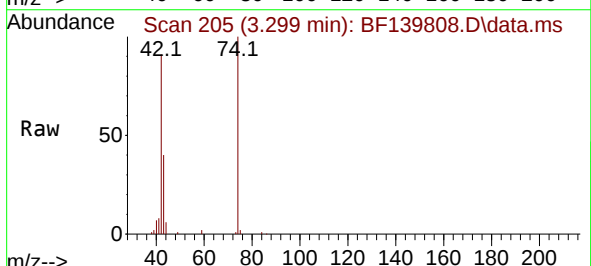
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Ion Ratio Lower Upper  
79 100  
52 87.6 70.0 105.0  
51 43.3 35.2 52.8

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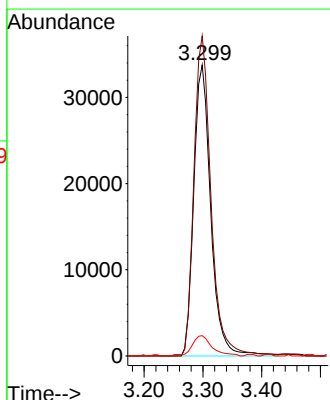
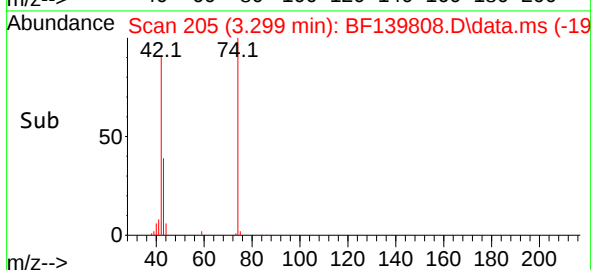
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024

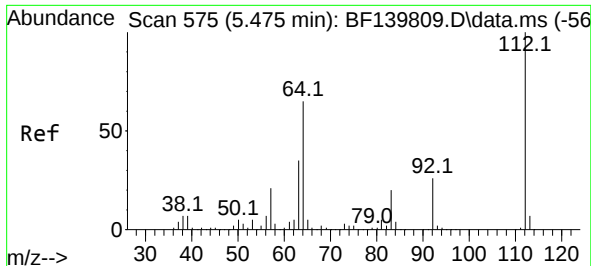


#4  
n-Nitrosodimethylamine  
Concen: 19.829 ng  
RT: 3.299 min Scan# 205  
Delta R.T. -0.012 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion: 42 Resp: 67926  
Ion Ratio Lower Upper  
42 100  
74 109.9 85.5 128.3  
44 7.0 5.2 7.8





#5  
2-Fluorophenol  
Concen: 41.513 ng  
RT: 5.469 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

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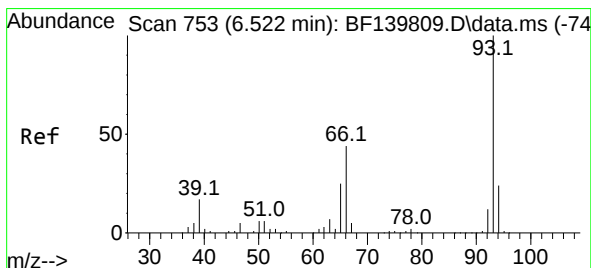
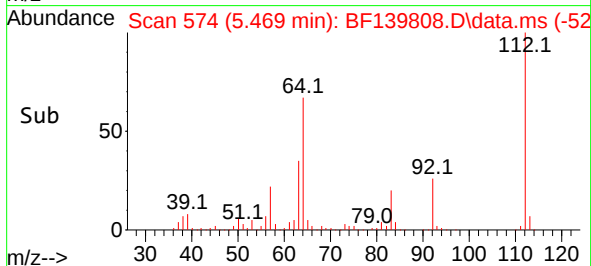
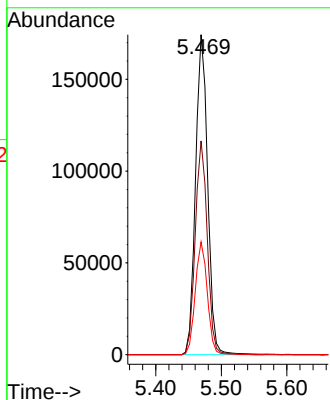
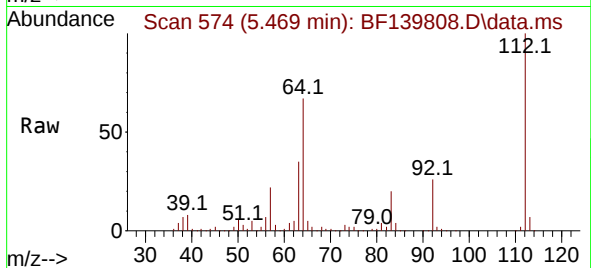
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Ion Ratio Lower Upper  
112 100  
64 66.8 52.1 78.1  
63 35.2 27.6 41.4

Manual Integrations

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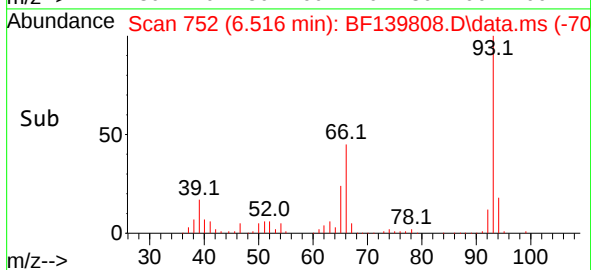
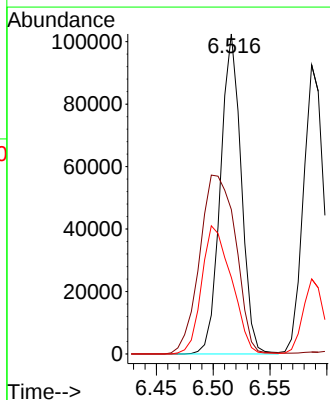
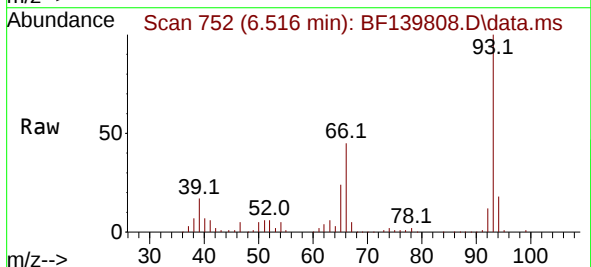
Reviewed By :Yogesh Patel 10/16/2024

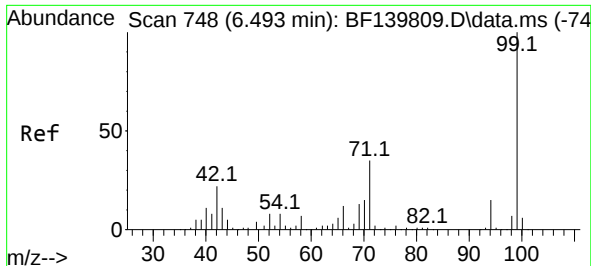
Supervised By :mohammad ahmed 10/16/2024



#6  
Aniline  
Concen: 21.005 ng  
RT: 6.516 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

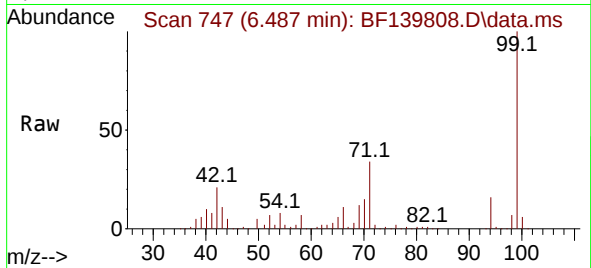
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Ion Ratio Lower Upper  
93 100  
66 45.2 37.3 55.9  
65 24.0 20.9 31.3





#7  
Phenol-d6  
Concen: 41.514 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

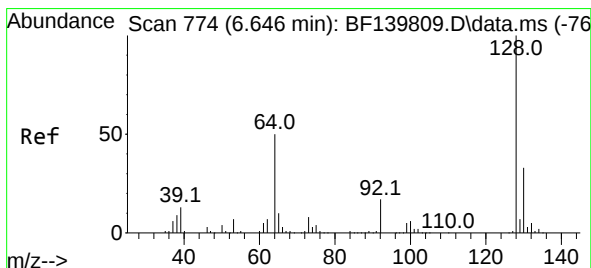
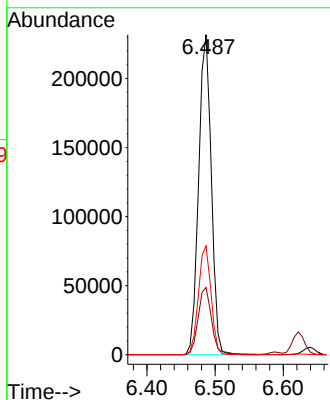
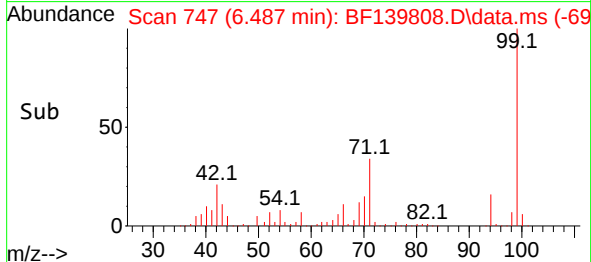
Instrument :  
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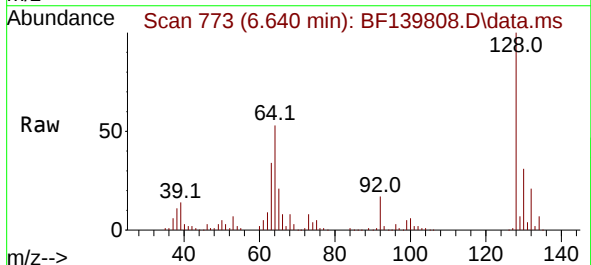
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Ion Ratio Lower Upper  
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71 33.9 27.8 41.6

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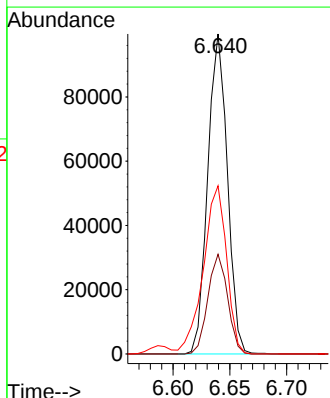
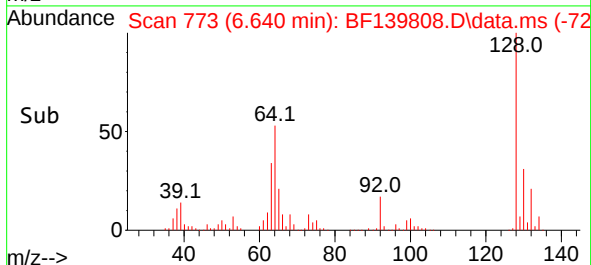
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Supervised By :mohammad ahmed 10/16/2024

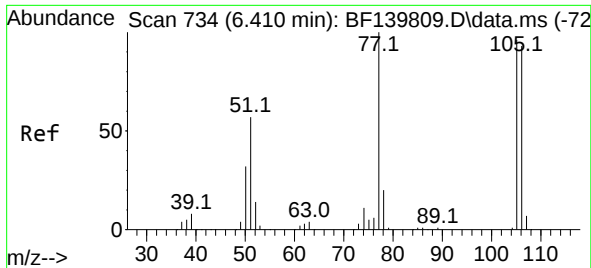


#8  
2-Chlorophenol  
Concen: 20.919 ng  
RT: 6.640 min Scan# 773  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:128 Resp: 119644  
Ion Ratio Lower Upper  
128 100  
130 31.2 12.7 52.7  
64 52.6 31.2 71.2





#9  
Benzaldehyde  
Concen: 21.966 ng  
RT: 6.404 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

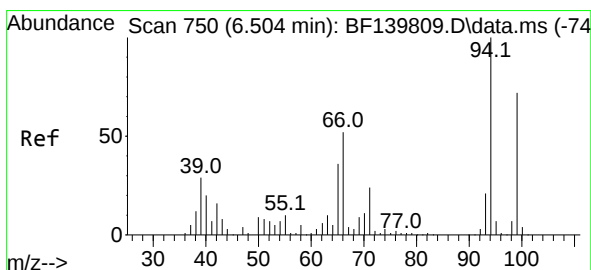
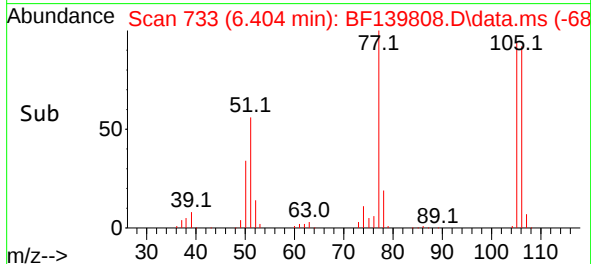
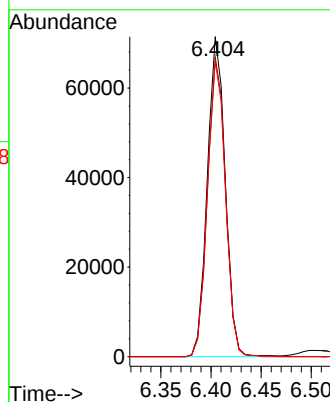
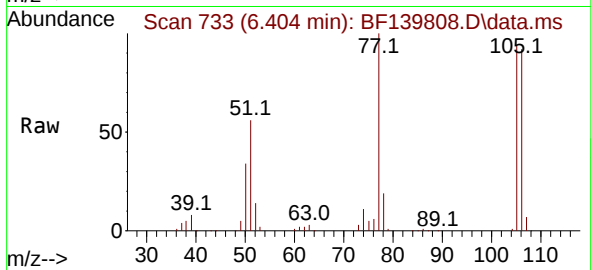
ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 8888  
Ion Ratio Lower Upper  
77 100  
105 93.5 75.9 115.9  
106 92.3 73.4 113.4

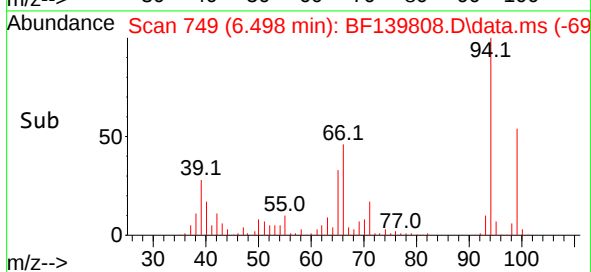
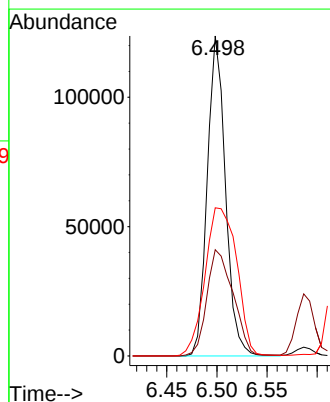
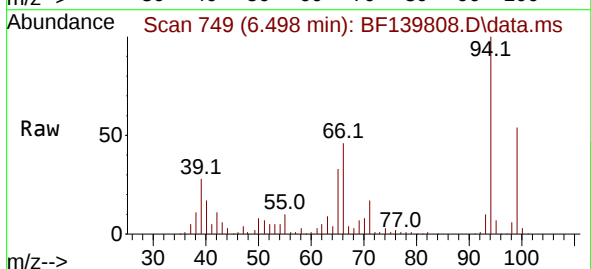
Manual Integrations  
APPROVED

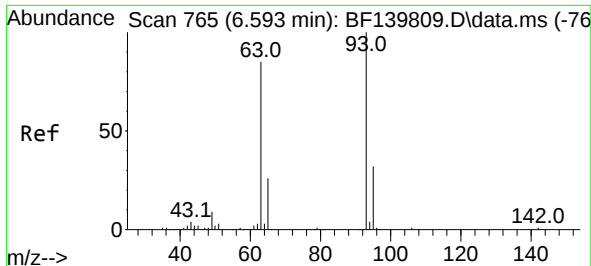
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#10  
Phenol  
Concen: 20.753 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion: 94 Resp: 156944  
Ion Ratio Lower Upper  
94 100  
65 33.2 15.7 55.7  
66 46.3 32.2 72.2





#11  
bis(2-Chloroethyl)ether  
Concen: 20.342 ng  
RT: 6.587 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

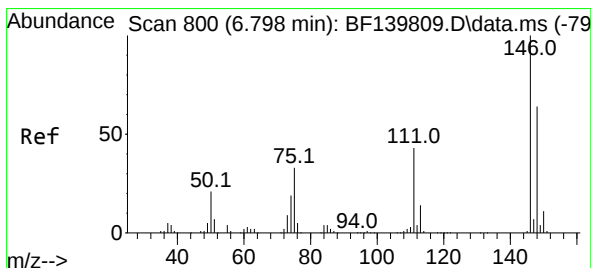
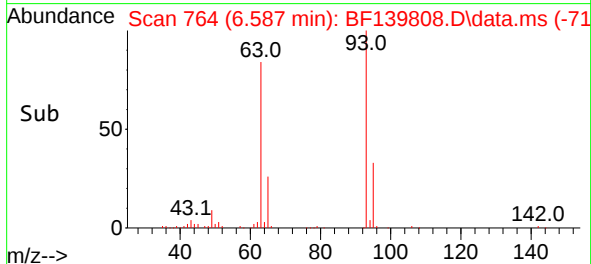
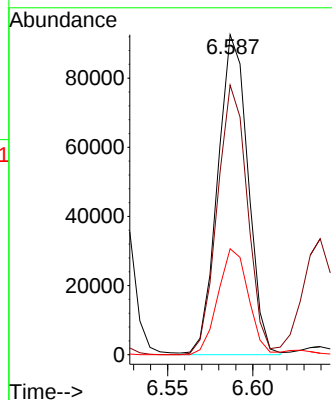
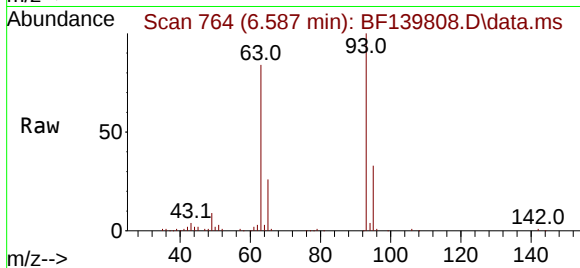
ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 114720  
Ion Ratio Lower Upper  
93 100  
63 84.2 64.7 104.7  
95 33.1 11.9 51.9

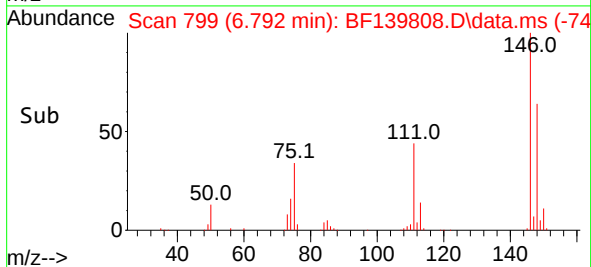
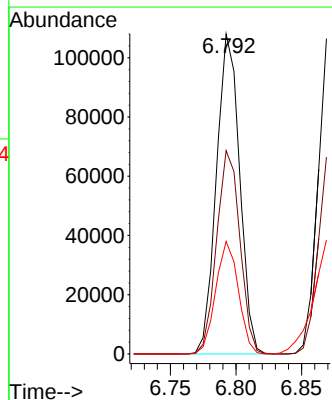
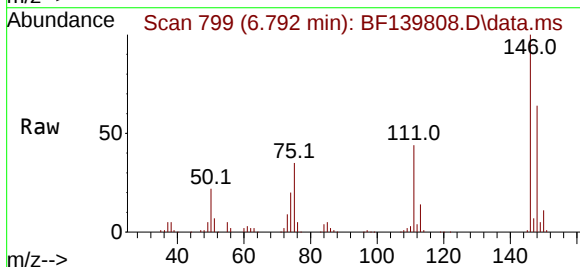
Manual Integrations  
APPROVED

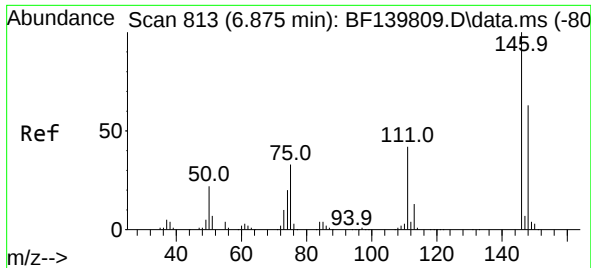
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#12  
1,3-Dichlorobenzene  
Concen: 20.525 ng  
RT: 6.792 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:146 Resp: 132730  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.0 76.6  
75 35.1 26.3 39.5





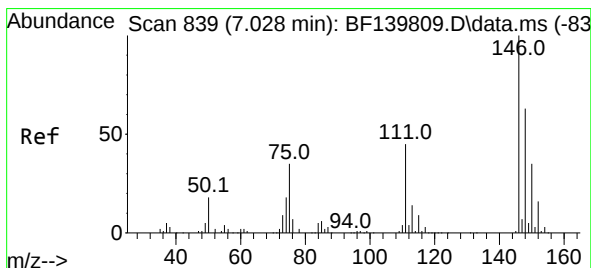
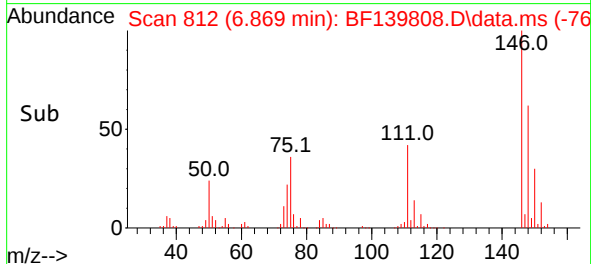
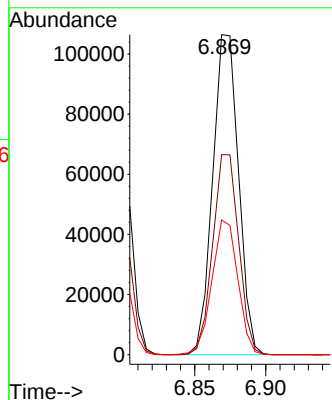
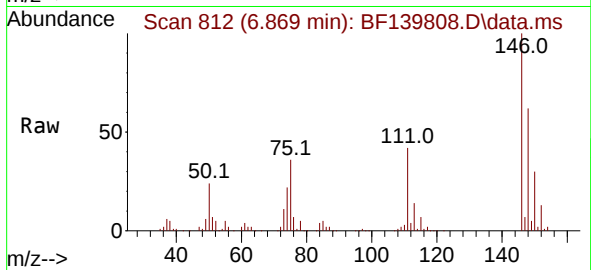
#13  
1,4-Dichlorobenzene  
Concen: 20.777 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:146 Resp: 134777  
Ion Ratio Lower Upper  
146 100  
148 62.5 50.6 76.0  
111 42.1 33.8 50.8

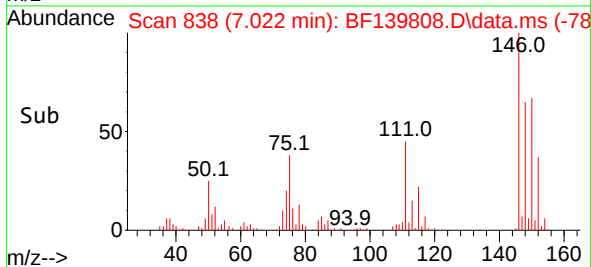
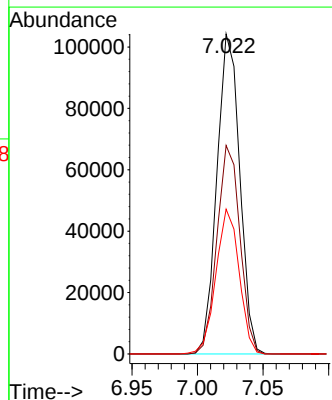
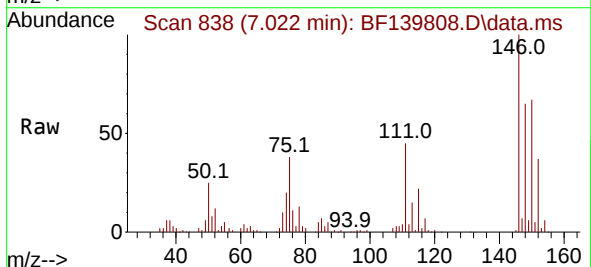
Manual Integrations  
APPROVED

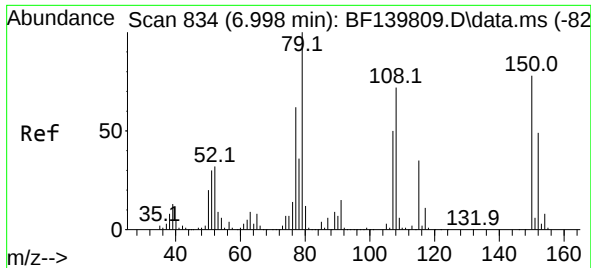
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#14  
1,2-Dichlorobenzene  
Concen: 20.956 ng  
RT: 7.022 min Scan# 838  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:146 Resp: 126129  
Ion Ratio Lower Upper  
146 100  
148 65.1 50.4 75.6  
111 45.3 36.0 54.0





#15  
Benzyl Alcohol  
Concen: 20.909 ng  
RT: 6.992 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

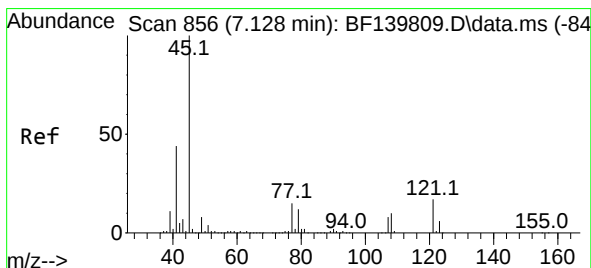
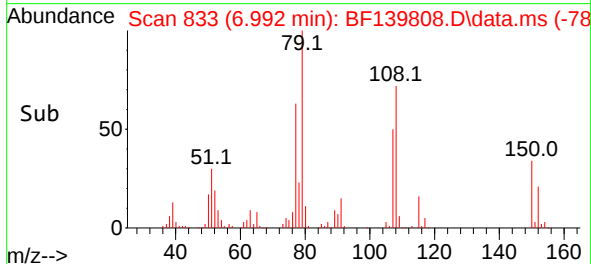
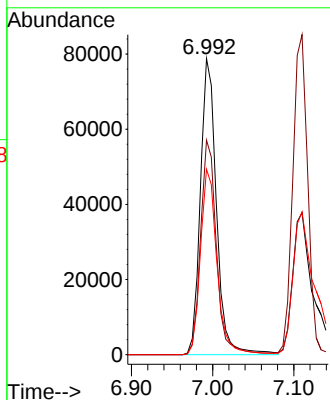
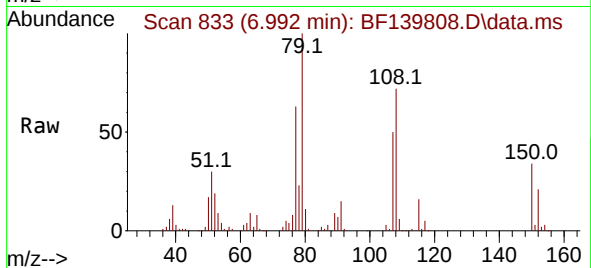
SSTDICC020

Tgt Ion: 79 Resp: 108419  
Ion Ratio Lower Upper  
79 100  
108 72.4 57.3 85.9  
77 62.6 49.8 74.6

Manual Integrations

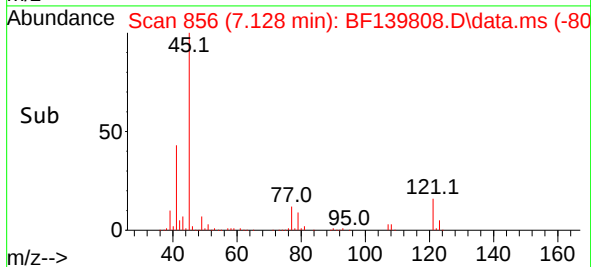
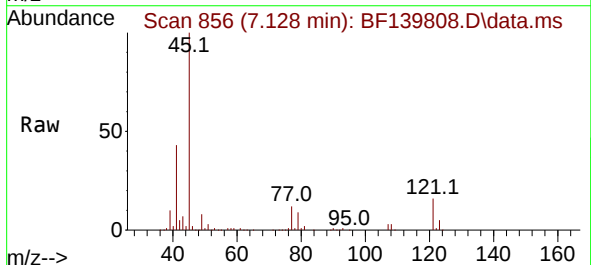
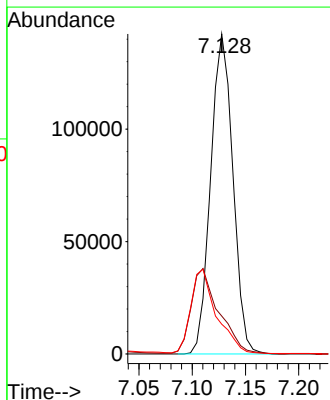
APPROVED

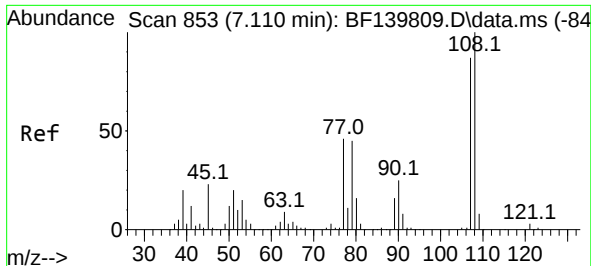
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.878 ng  
RT: 7.128 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion: 45 Resp: 206332  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 35.4  
79 9.3 0.0 32.4





#17  
2-Methylphenol  
Concen: 20.761 ng  
RT: 7.110 min Scan# 853  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

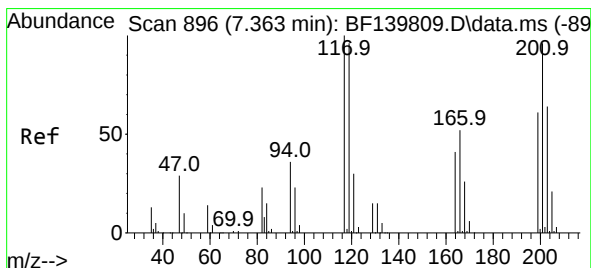
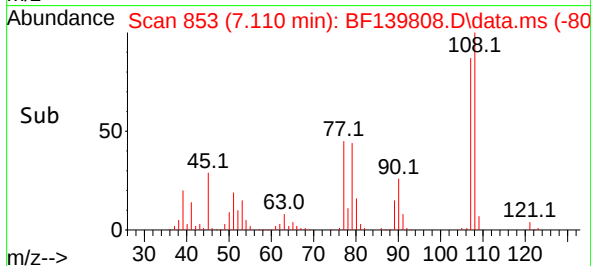
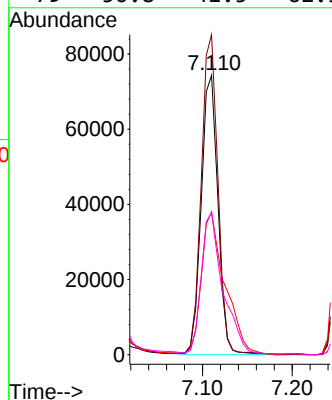
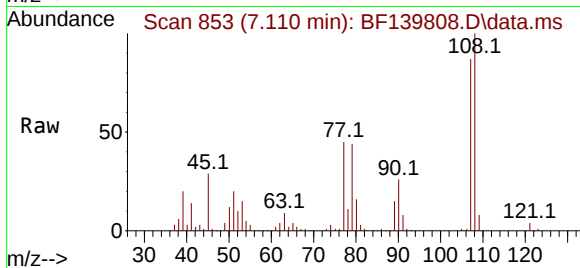
SSTDICC020

Tgt Ion:107 Resp: 9605  
Ion Ratio Lower Upper  
107 100  
108 114.5 92.2 138.4  
77 51.2 42.2 63.2  
79 50.8 41.5 62.3

Manual Integrations

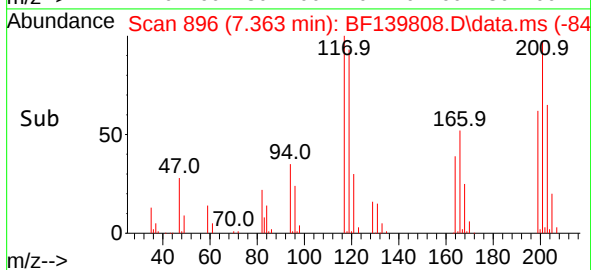
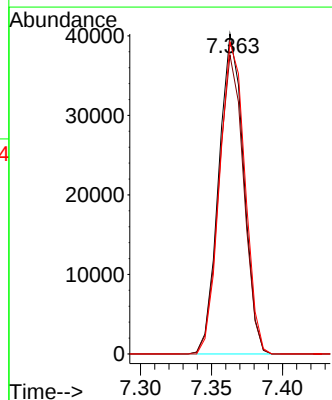
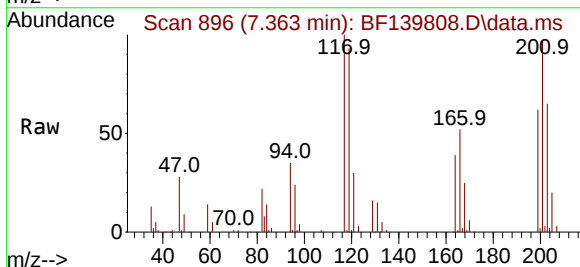
APPROVED

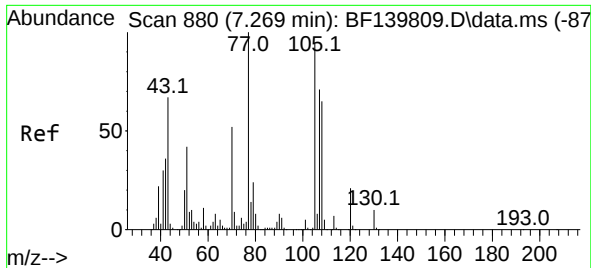
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#18  
Hexachloroethane  
Concen: 20.835 ng  
RT: 7.363 min Scan# 896  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:117 Resp: 48965  
Ion Ratio Lower Upper  
117 100  
119 93.4 77.0 115.4  
201 97.5 76.9 115.3





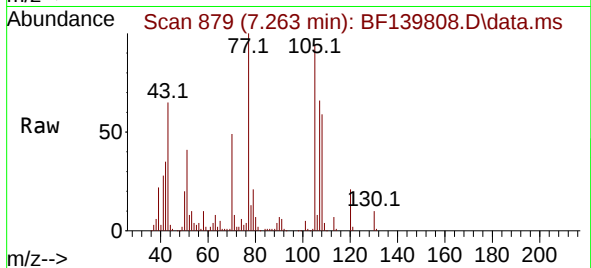
#19  
n-Nitroso-di-n-propylamine  
Concen: 20.707 ng  
RT: 7.263 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



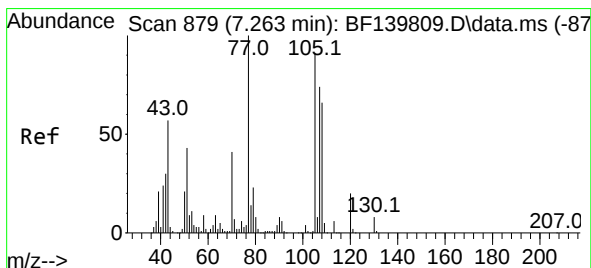
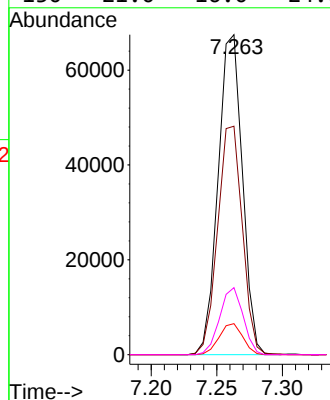
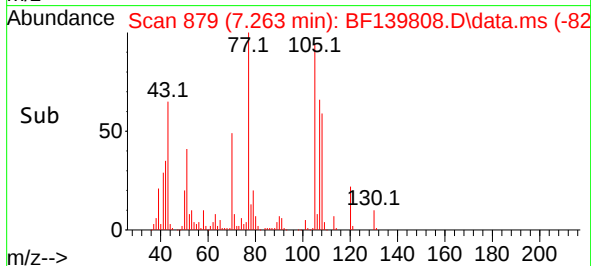
Tgt Ion: 70 Resp: 86874  
Ion Ratio Lower Upper  
70 100  
42 71.4 55.8 83.6  
101 9.7 7.4 11.0  
130 21.0 16.0 24.0

Manual Integrations

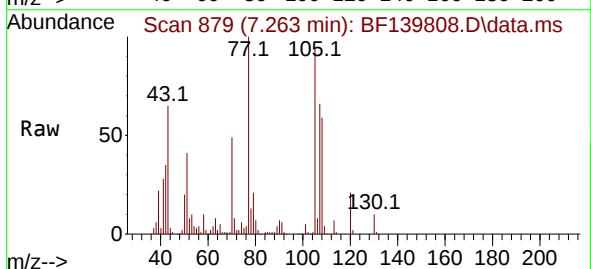
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

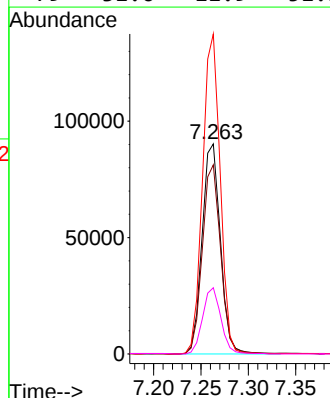
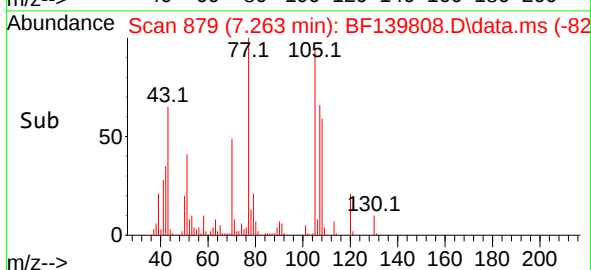
Supervised By :mohammad ahmed 10/16/2024

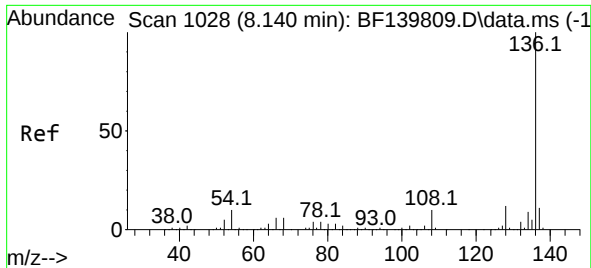


#20  
3+4-Methylphenols  
Concen: 20.881 ng  
RT: 7.263 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:107 Resp: 121482  
Ion Ratio Lower Upper  
107 100  
108 90.0 69.9 109.9  
77 152.3 115.6 155.6  
79 31.6 11.9 51.9





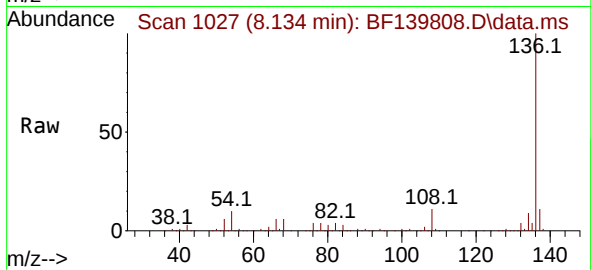
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.134 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



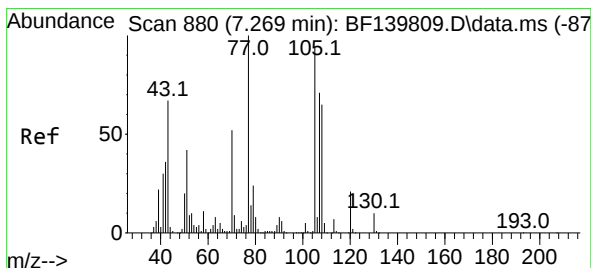
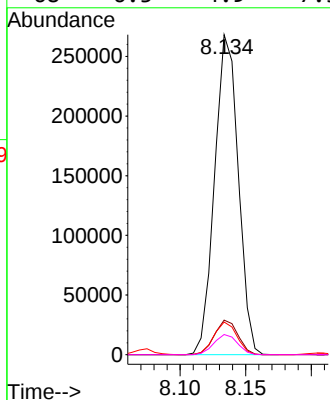
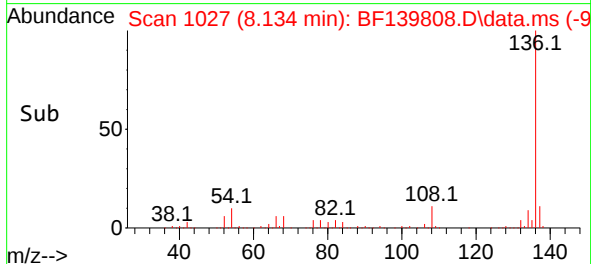
Tgt Ion:136 Resp: 336590  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 10.2 7.7 11.5  
68 6.3 4.9 7.3

Manual Integrations

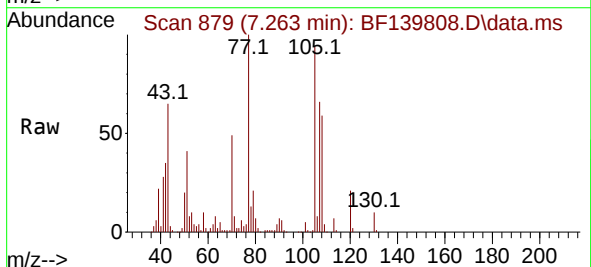
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

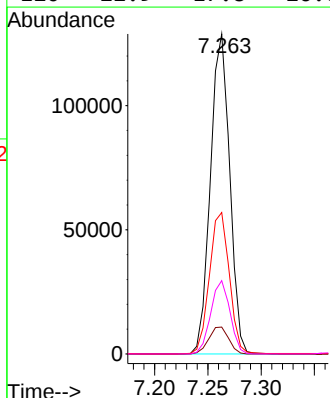
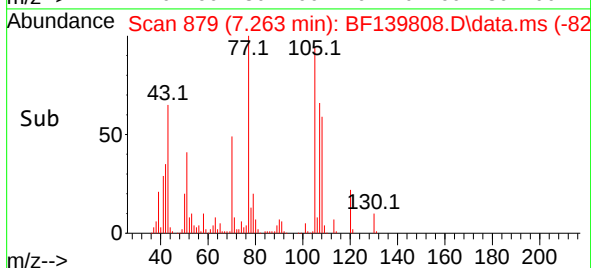
Supervised By :mohammad ahmed 10/16/2024

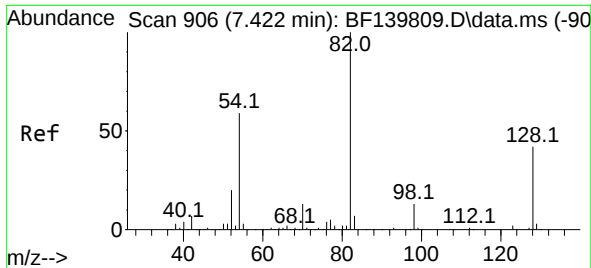


#22  
Acetophenone  
Concen: 20.493 ng  
RT: 7.263 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:105 Resp: 161880  
Ion Ratio Lower Upper  
105 100  
71 8.4 7.3 10.9  
51 44.2 35.4 53.2  
120 22.9 17.8 26.6





#23  
Nitrobenzene-d5  
Concen: 41.190 ng  
RT: 7.416 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

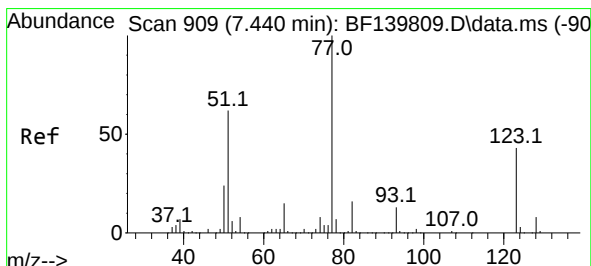
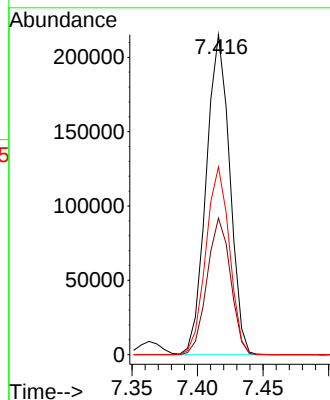
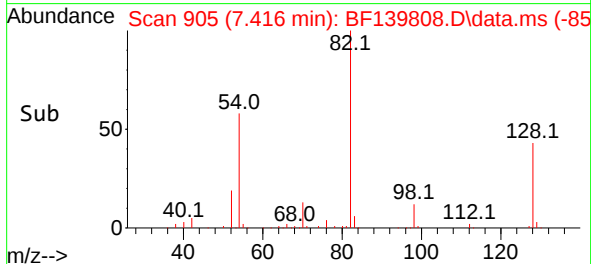
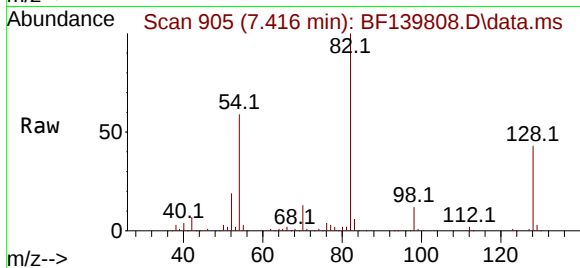
SSTDICC020

Tgt Ion: 82 Resp: 269364  
Ion Ratio Lower Upper  
82 100  
128 42.7 33.9 50.9  
54 58.7 46.9 70.3

Manual Integrations

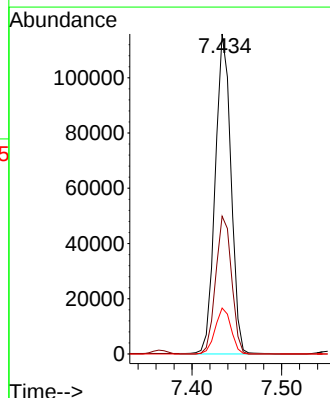
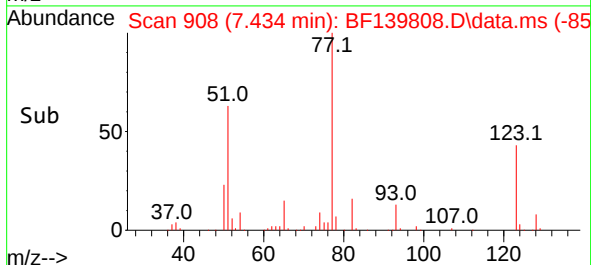
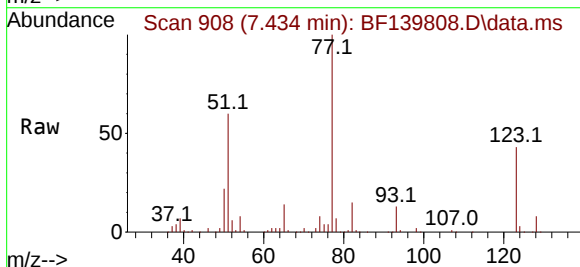
APPROVED

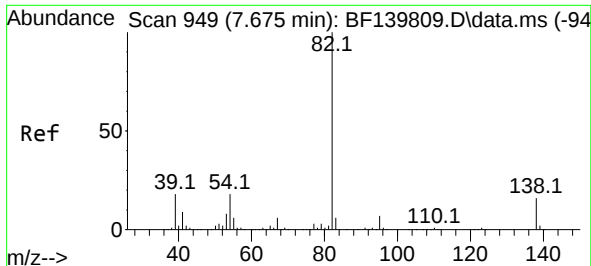
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#24  
Nitrobenzene  
Concen: 20.769 ng  
RT: 7.434 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

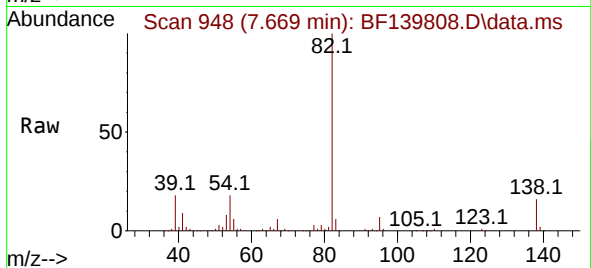
Tgt Ion: 77 Resp: 141592  
Ion Ratio Lower Upper  
77 100  
123 43.1 34.5 51.7  
65 14.3 12.2 18.2





#25  
Isophorone  
Concen: 20.702 ng  
RT: 7.669 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

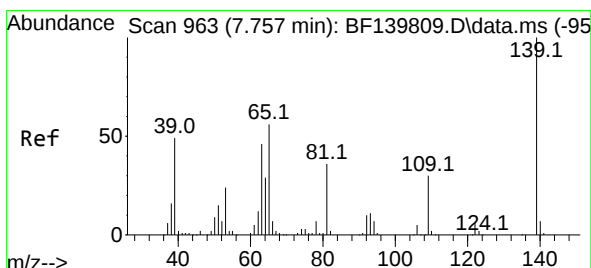
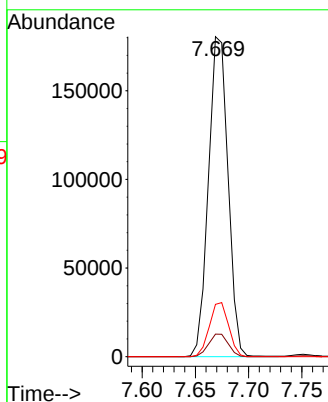
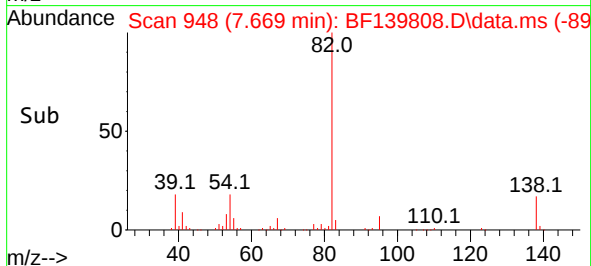
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC020



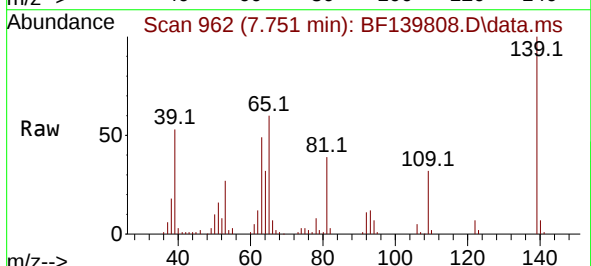
Tgt Ion: 82 Resp: 23103  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.9 8.9  
138 16.3 13.2 19.8

Manual Integrations  
APPROVED

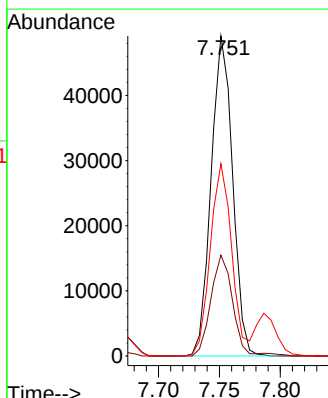
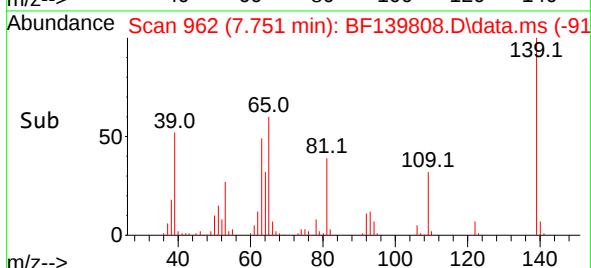
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024

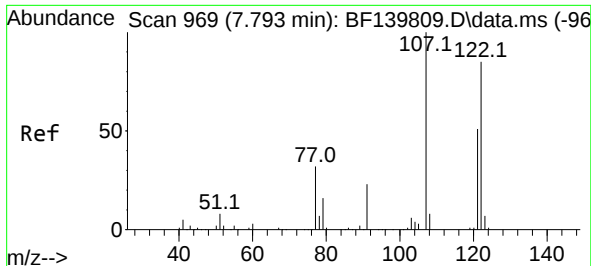


#26  
2-Nitrophenol  
Concen: 20.297 ng  
RT: 7.751 min Scan# 962  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:139 Resp: 60247  
Ion Ratio Lower Upper  
139 100  
109 31.5 24.2 36.2  
65 60.0 44.9 67.3





#27  
2,4-Dimethylphenol  
Concen: 20.815 ng  
RT: 7.787 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

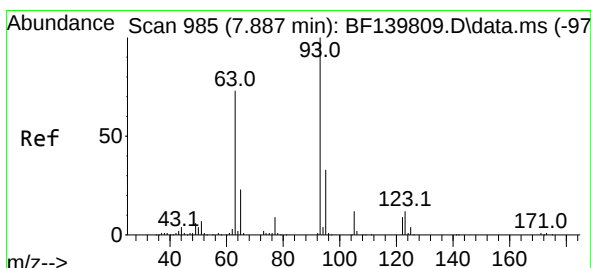
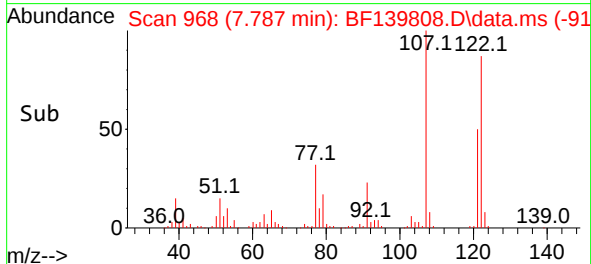
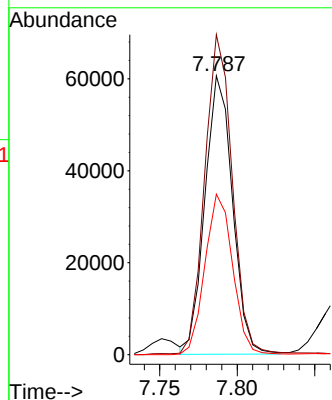
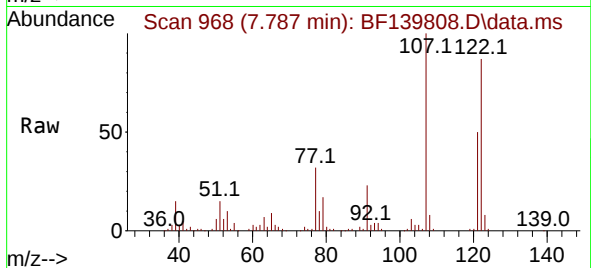
SSTDICC020

Tgt Ion:122 Resp: 7507  
Ion Ratio Lower Upper  
122 100  
107 114.7 91.6 137.4  
121 57.5 46.4 69.6

Manual Integrations

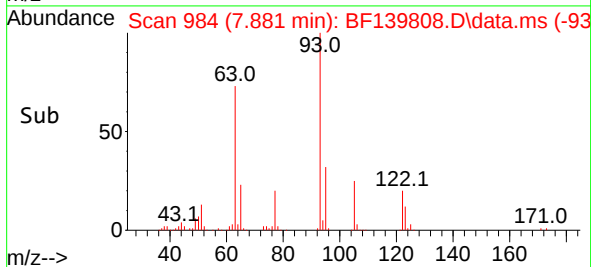
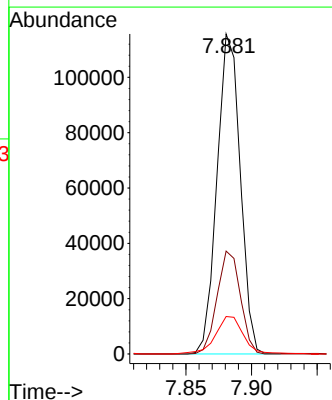
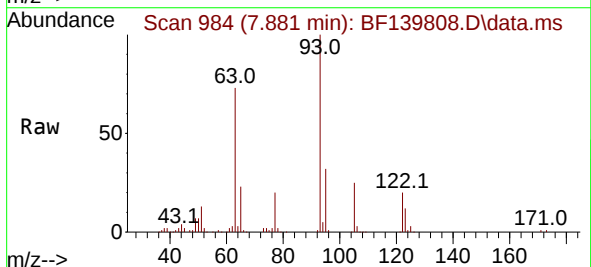
APPROVED

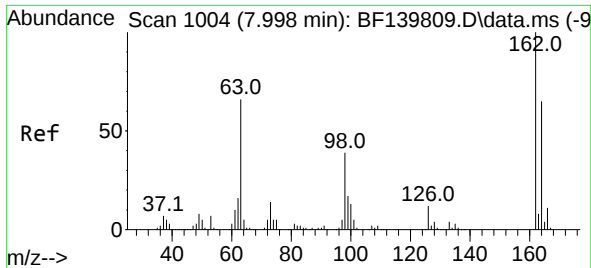
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 20.768 ng  
RT: 7.881 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion: 93 Resp: 142240  
Ion Ratio Lower Upper  
93 100  
95 32.1 26.0 39.0  
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 20.695 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

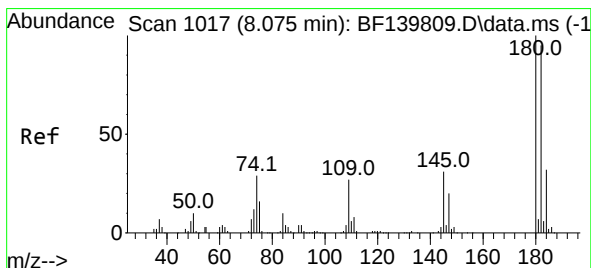
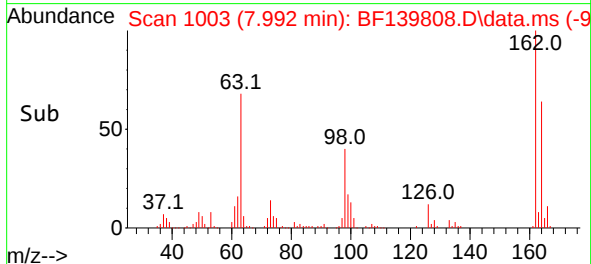
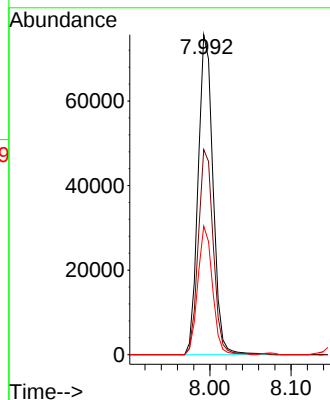
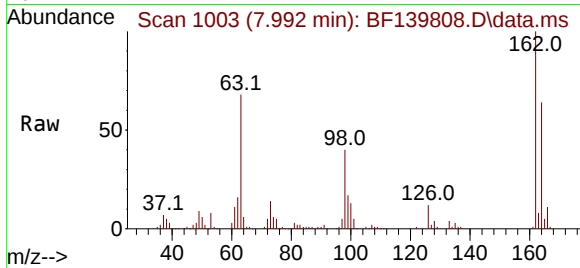
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 9680      |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 64.1  | 45.0 85.0 |
| 98          | 40.1  | 19.2 59.2 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 20.728 ng

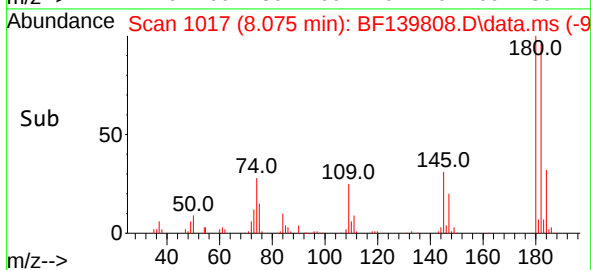
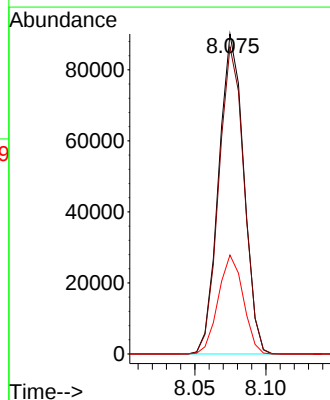
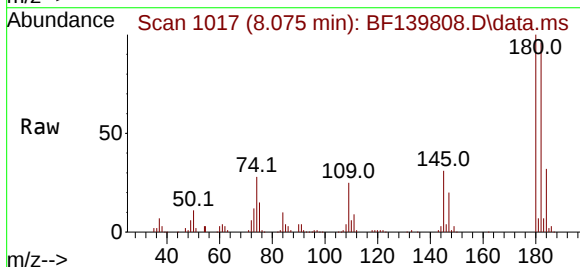
RT: 8.075 min Scan# 1017

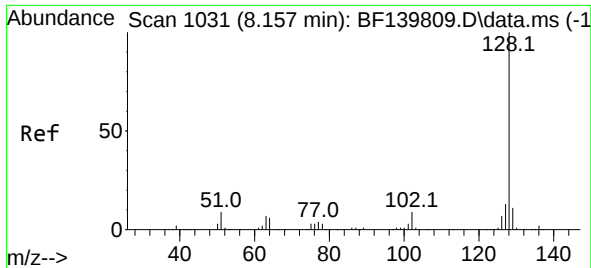
Delta R.T. -0.000 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 110396     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.0  | 75.9 113.9 |
| 145         | 30.9  | 25.1 37.7  |





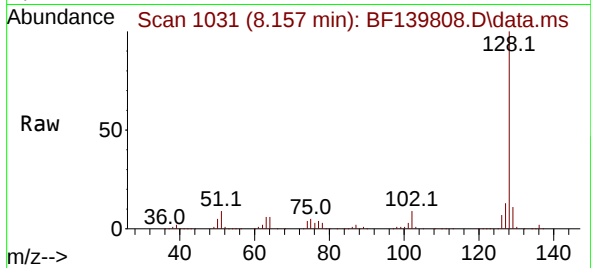
#31  
Naphthalene  
Concen: 20.922 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



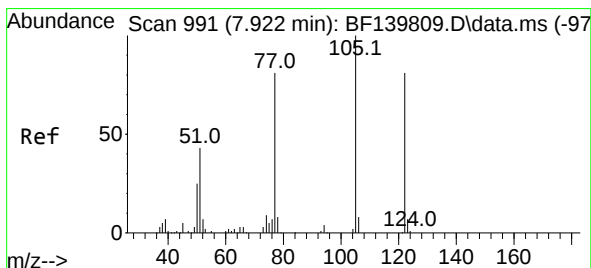
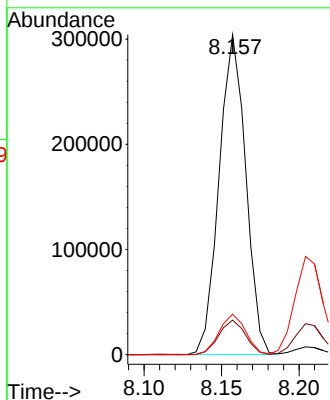
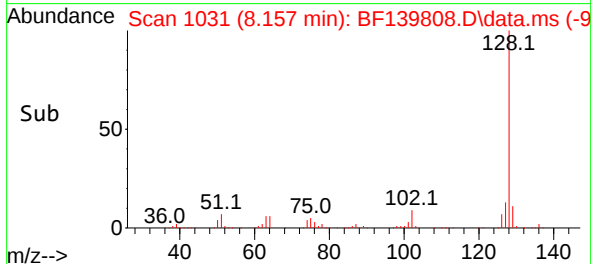
Tgt Ion:128 Resp: 362940  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 12.6 10.5 15.7

Manual Integrations

APPROVED

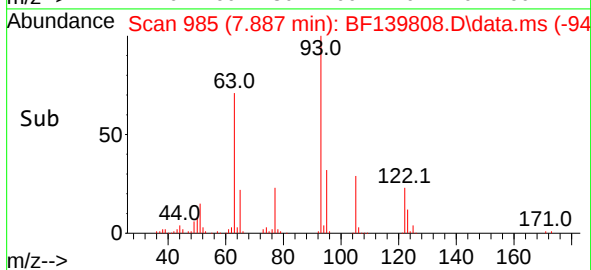
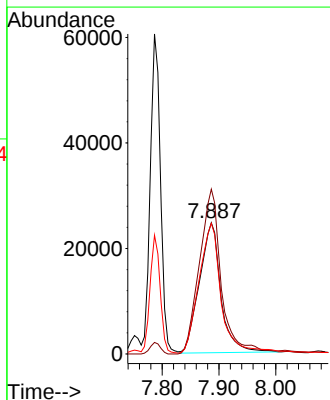
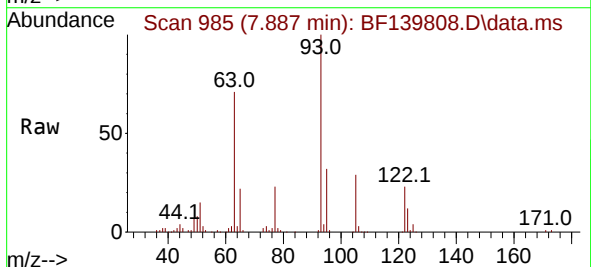
Reviewed By :Yogesh Patel 10/16/2024

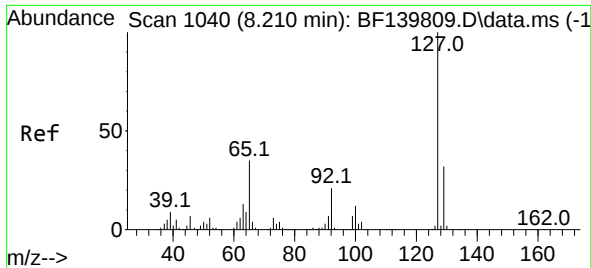
Supervised By :mohammad ahmed 10/16/2024



#32  
Benzoic acid  
Concen: 19.392 ng  
RT: 7.887 min Scan# 985  
Delta R.T. -0.035 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:122 Resp: 64581  
Ion Ratio Lower Upper  
122 100  
105 125.6 101.2 141.2  
77 99.6 78.7 118.7





#33  
4-Chloroaniline  
Concen: 21.016 ng  
RT: 8.204 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

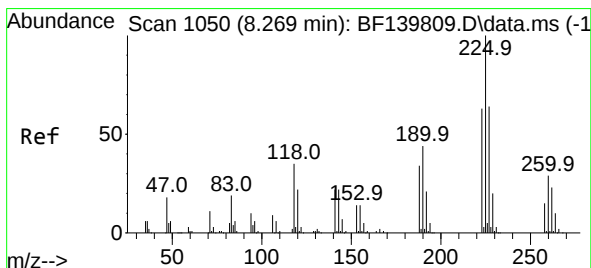
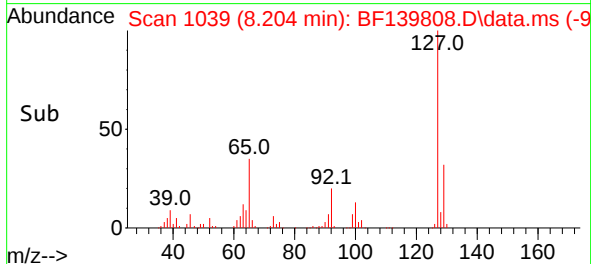
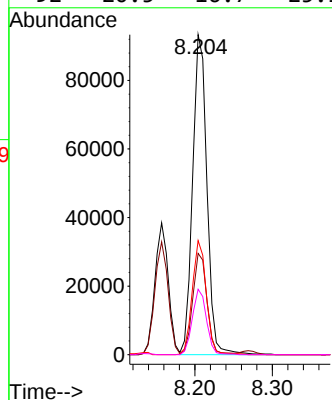
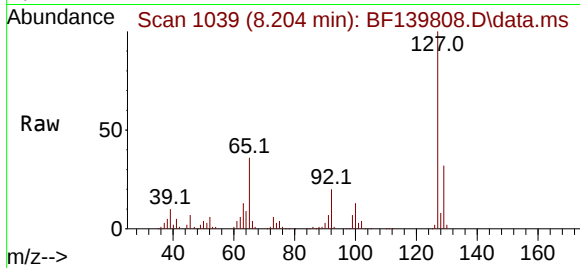
ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 11955  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.9 38.9  
65 35.6 27.8 41.6  
92 20.5 16.7 25.1

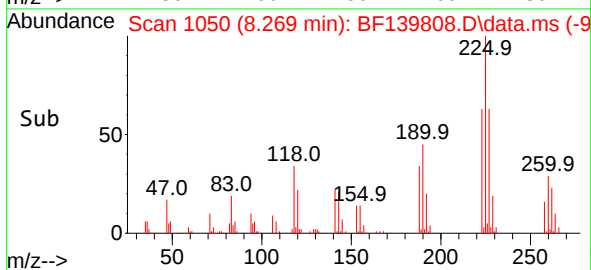
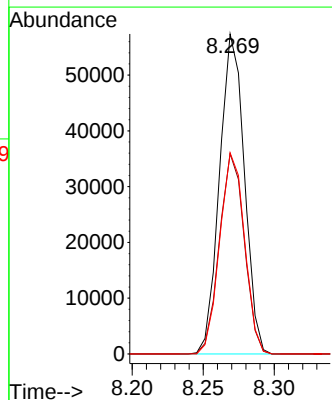
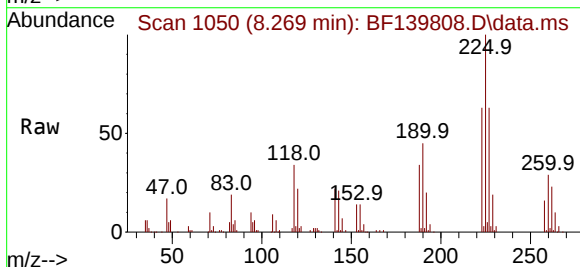
Manual Integrations  
APPROVED

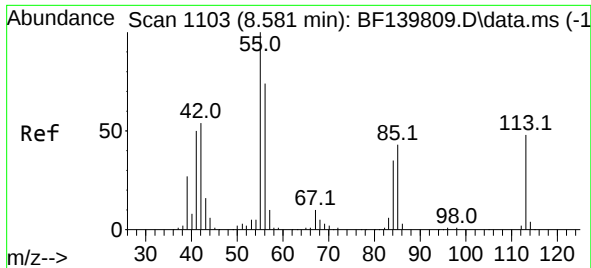
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#34  
Hexachlorobutadiene  
Concen: 20.597 ng  
RT: 8.269 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:225 Resp: 69610  
Ion Ratio Lower Upper  
225 100  
223 62.6 50.4 75.6  
227 62.8 50.9 76.3





#35  
Caprolactam  
Concen: 20.663 ng  
RT: 8.557 min Scan# 1099  
Delta R.T. -0.024 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

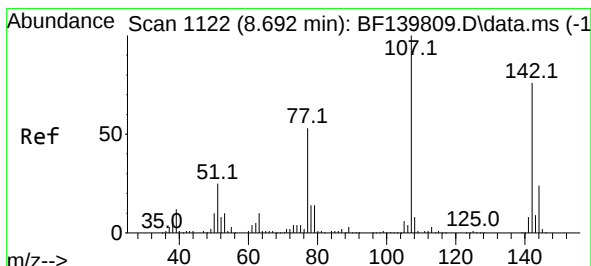
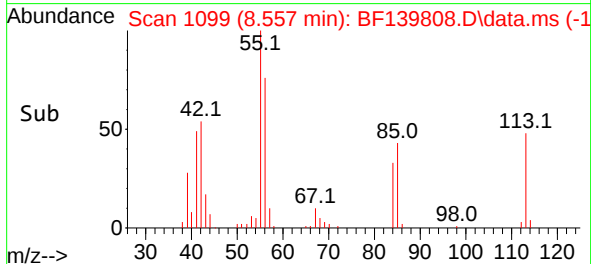
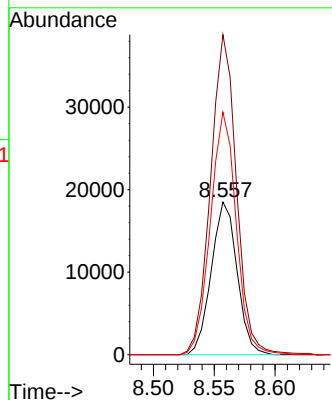
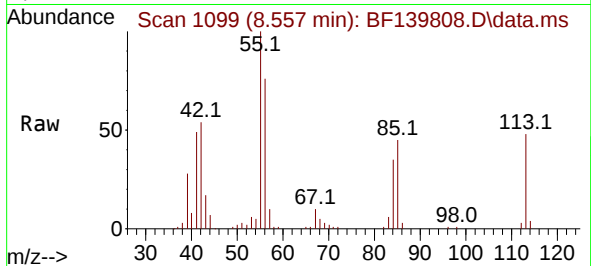
SSTDICC020

Tgt Ion:113 Resp: 27289  
Ion Ratio Lower Upper  
113 100  
55 209.6 187.1 227.1  
56 158.8 134.0 174.0

Manual Integrations

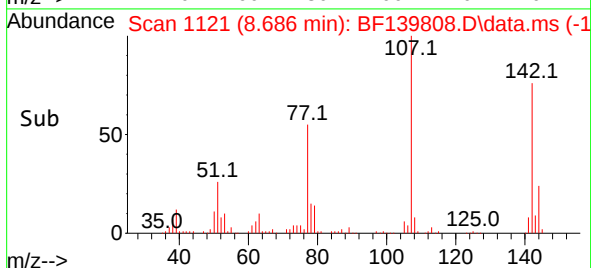
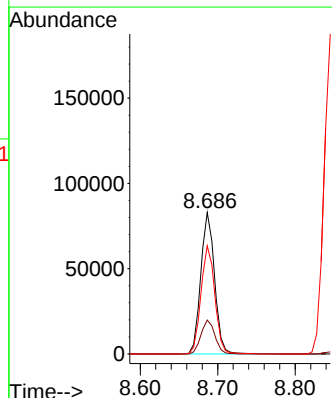
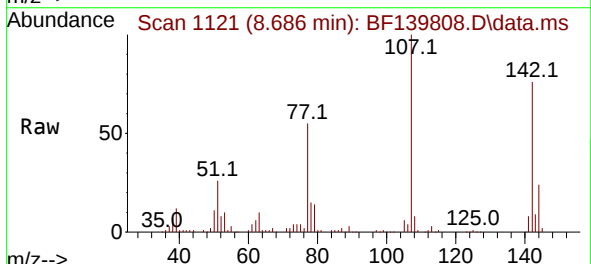
APPROVED

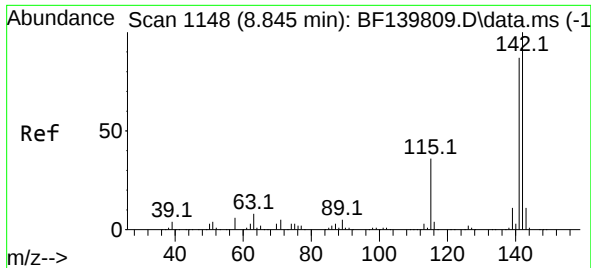
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#36  
4-Chloro-3-methylphenol  
Concen: 20.694 ng  
RT: 8.686 min Scan# 1121  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:107 Resp: 102799  
Ion Ratio Lower Upper  
107 100  
144 24.0 19.5 29.3  
142 76.5 60.6 91.0





#37  
2-Methylnaphthalene  
Concen: 21.035 ng  
RT: 8.845 min Scan# 1148  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

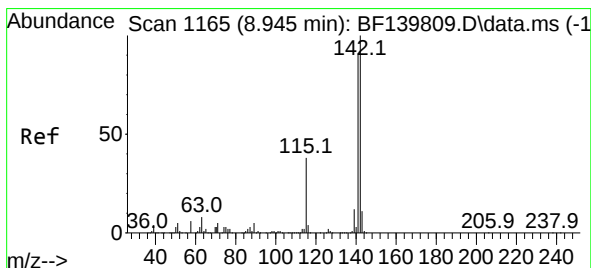
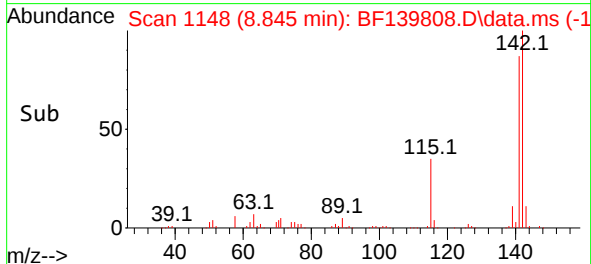
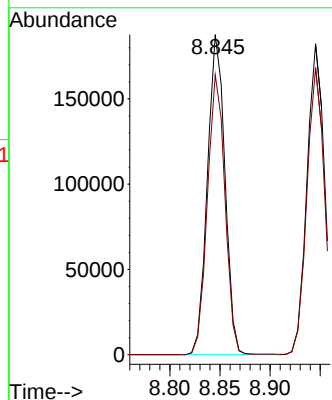
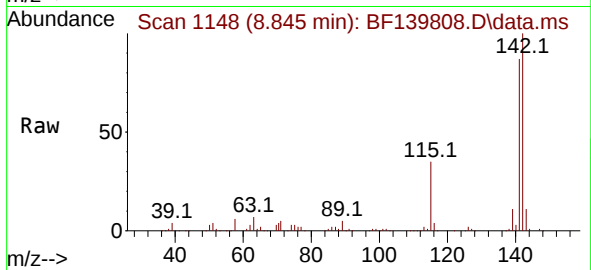
SSTDICC020

Tgt Ion:142 Resp: 228775  
Ion Ratio Lower Upper  
142 100  
141 87.4 69.8 104.8

Manual Integrations

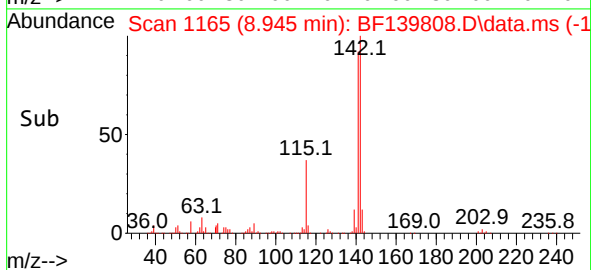
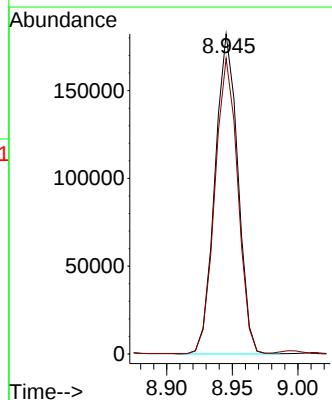
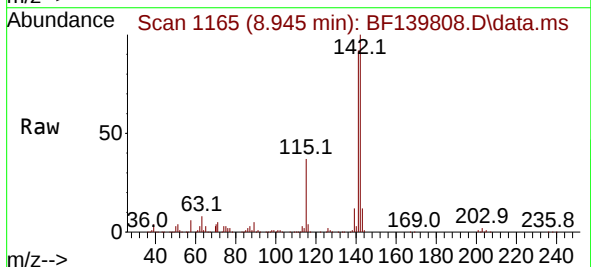
APPROVED

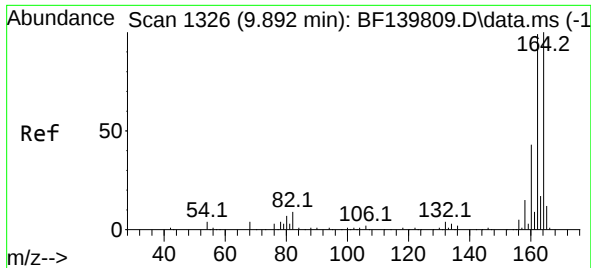
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#38  
1-Methylnaphthalene  
Concen: 20.870 ng  
RT: 8.945 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:142 Resp: 220973  
Ion Ratio Lower Upper  
142 100  
141 92.3 72.8 109.2





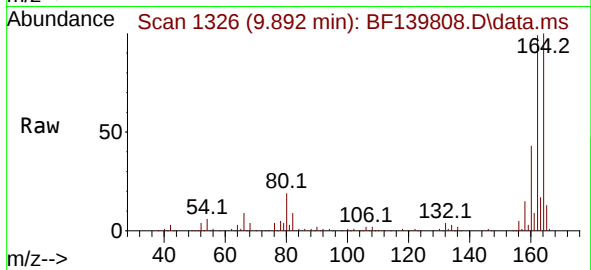
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



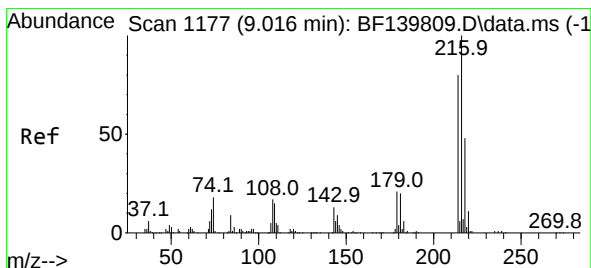
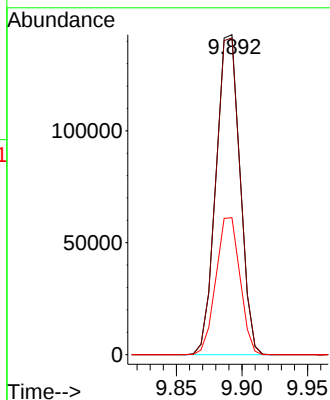
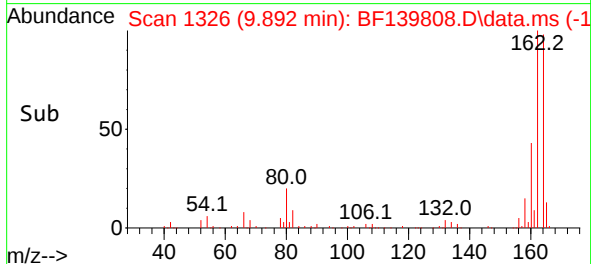
Tgt Ion:164 Resp: 181789  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.1 118.7  
160 42.8 34.4 51.6

Manual Integrations

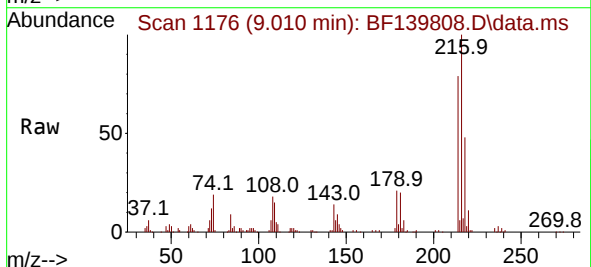
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

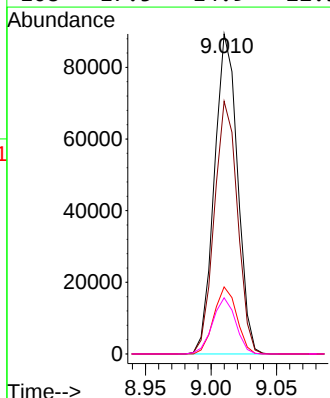
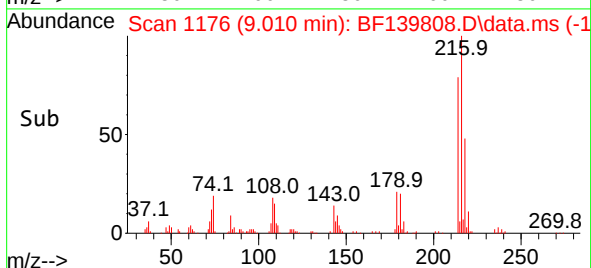
Supervised By :mohammad ahmed 10/16/2024

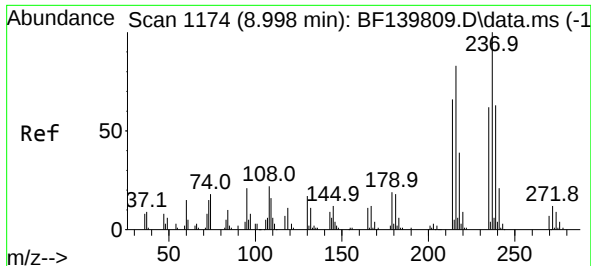


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.718 ng  
RT: 9.010 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



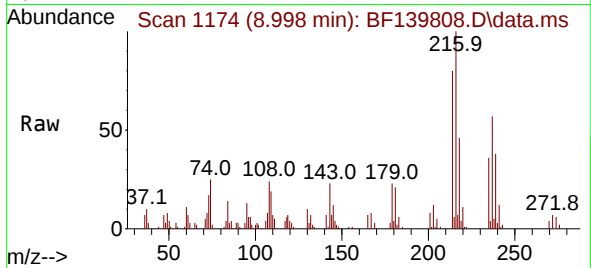
Tgt Ion:216 Resp: 109389  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.7 95.5  
179 20.6 17.0 25.4  
108 17.5 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 19.053 ng  
RT: 8.998 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

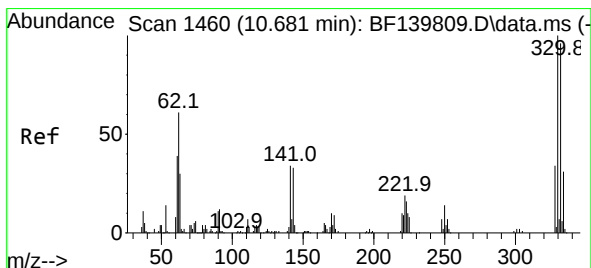
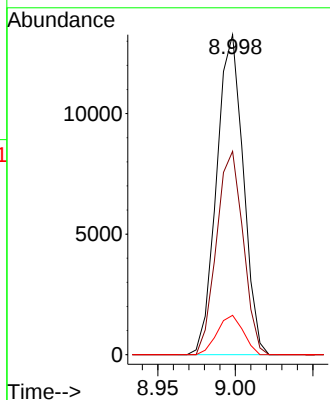
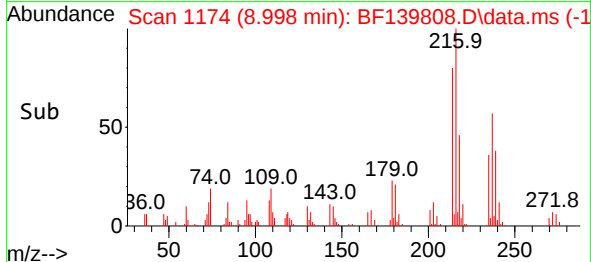
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



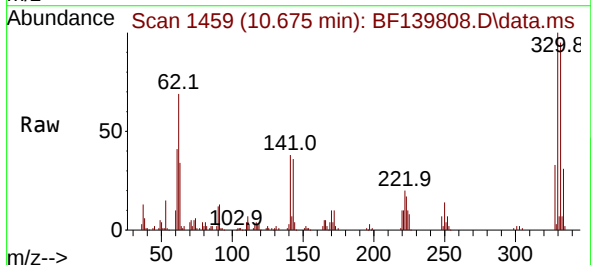
Tgt Ion:237 Resp: 15879  
Ion Ratio Lower Upper  
237 100  
235 63.5 41.9 81.9  
272 12.3 0.0 31.8

Manual Integrations  
APPROVED

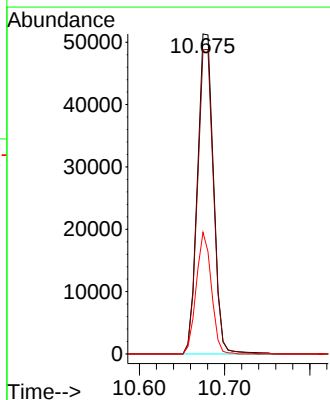
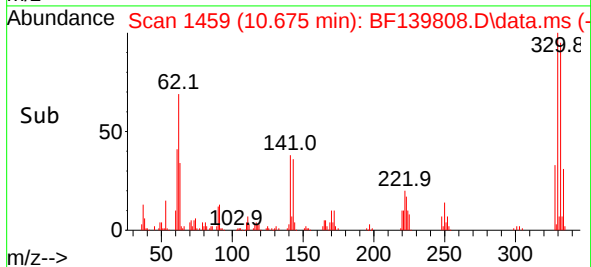
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024

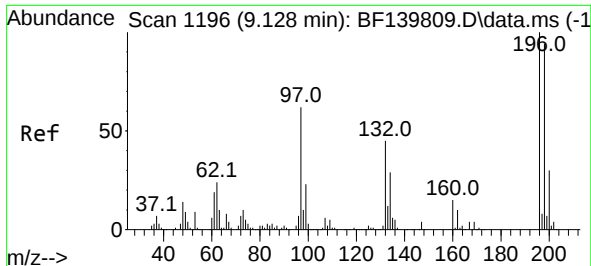


#42  
2,4,6-Tribromophenol  
Concen: 43.693 ng  
RT: 10.675 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:330 Resp: 66988  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.6 114.8  
141 35.7 27.8 41.6





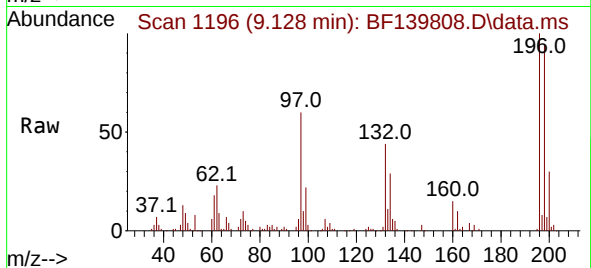
#43  
2,4,6-Trichlorophenol  
Concen: 20.553 ng  
RT: 9.128 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



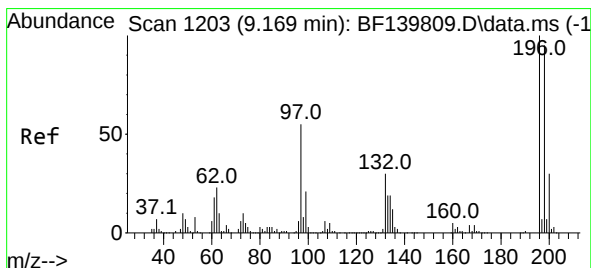
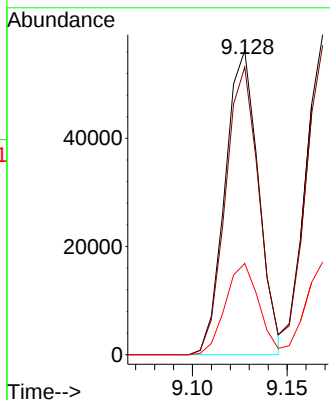
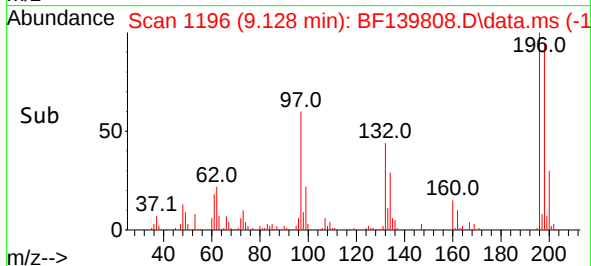
Tgt Ion:196 Resp: 68980  
Ion Ratio Lower Upper  
196 100  
198 94.5 75.6 113.4  
200 29.9 24.2 36.4

Manual Integrations

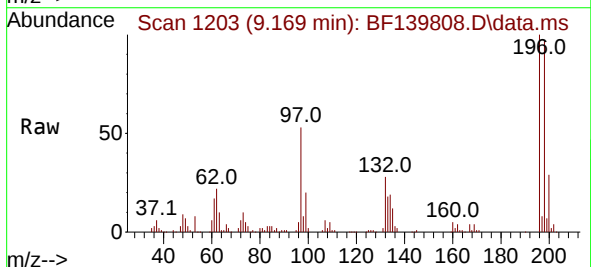
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

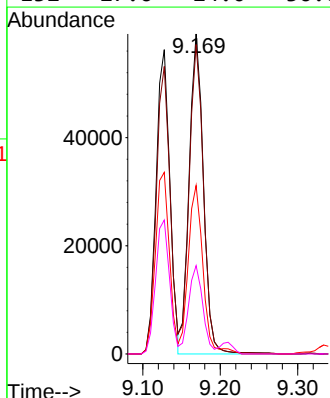
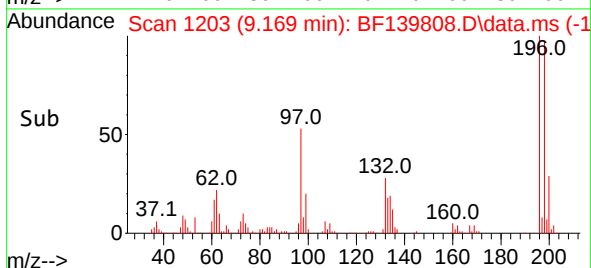
Supervised By :mohammad ahmed 10/16/2024

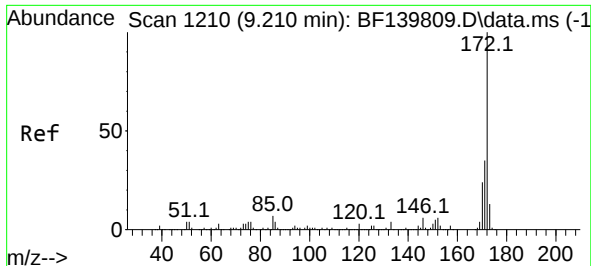


#44  
2,4,5-Trichlorophenol  
Concen: 21.118 ng  
RT: 9.169 min Scan# 1203  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



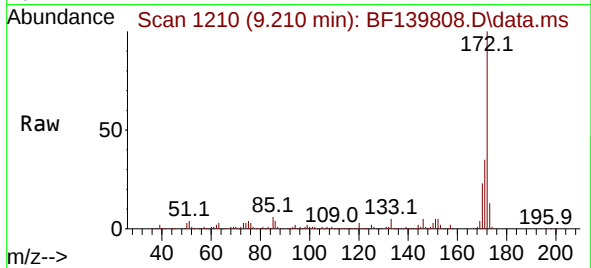
Tgt Ion:196 Resp: 75954  
Ion Ratio Lower Upper  
196 100  
198 96.7 76.2 114.4  
97 52.7 44.6 67.0  
132 27.6 24.0 36.0





#45  
2-Fluorobiphenyl  
Concen: 41.948 ng  
RT: 9.210 min Scan# 1210  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

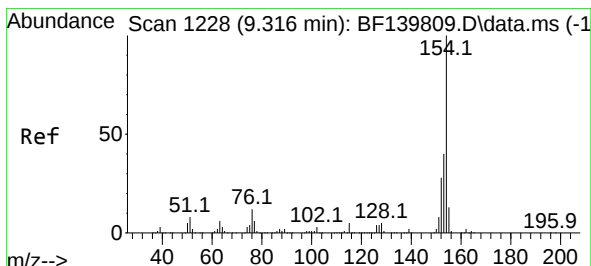
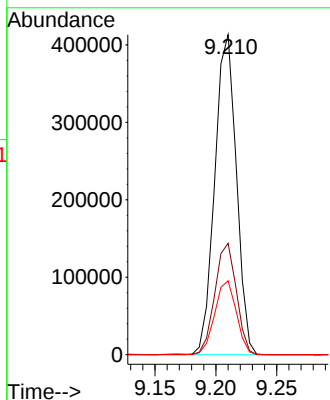
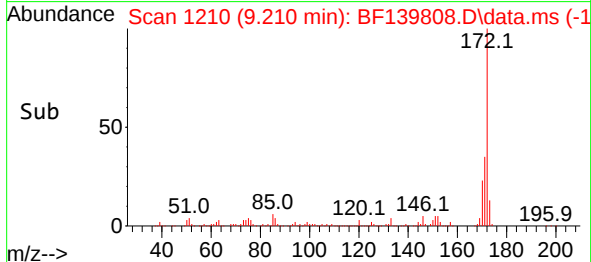
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



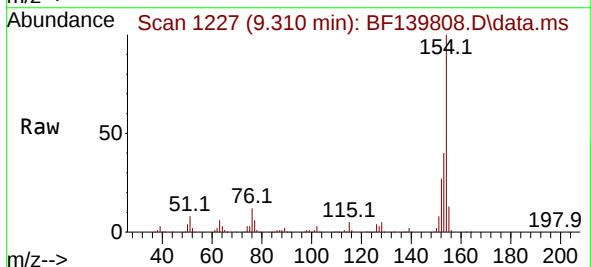
Tgt Ion:172 Resp: 509838  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.2  
170 23.1 18.9 28.3

Manual Integrations  
APPROVED

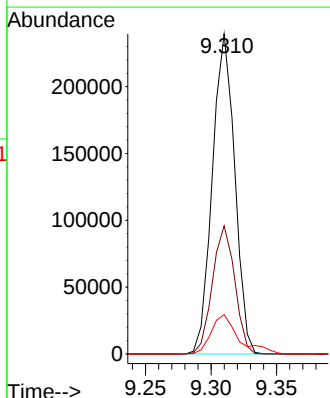
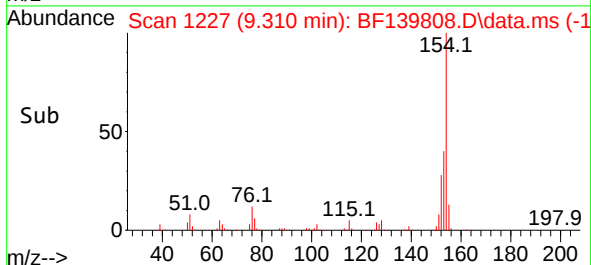
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024

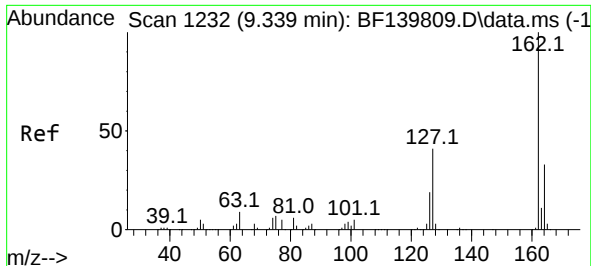


#46  
1,1'-Biphenyl  
Concen: 20.662 ng  
RT: 9.310 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:154 Resp: 283992  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.2 60.2  
76 12.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 20.750 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 21790

Ion Ratio Lower Upper

162 100

127 41.4 33.2 49.8

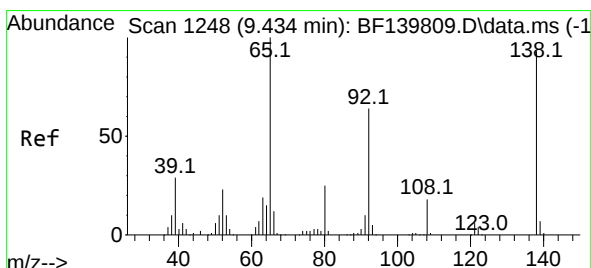
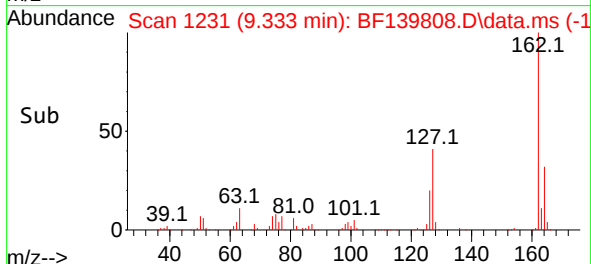
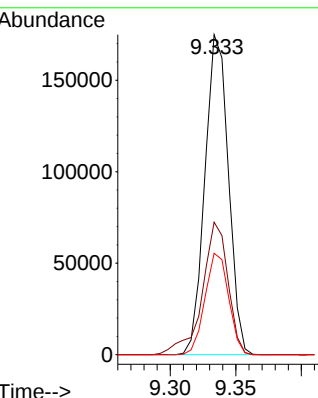
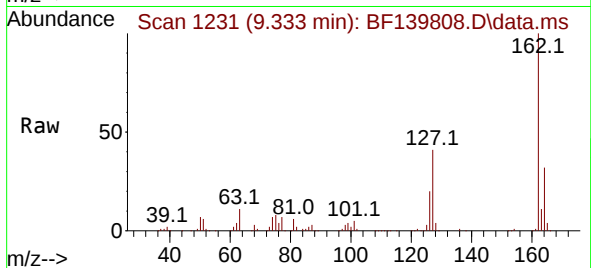
164 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#48

2-Nitroaniline

Concen: 20.845 ng

RT: 9.433 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

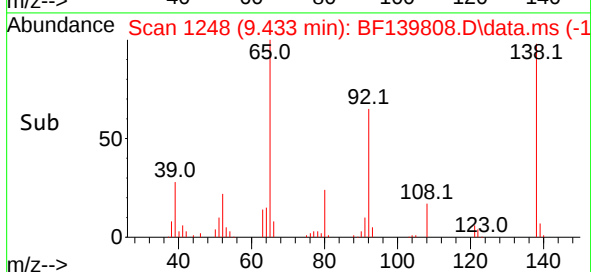
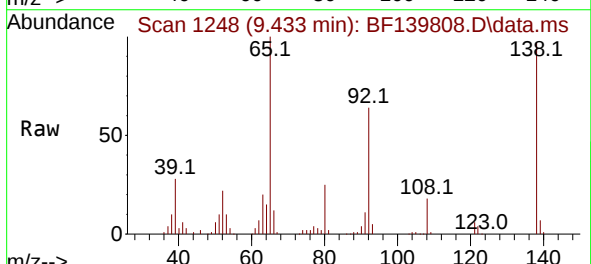
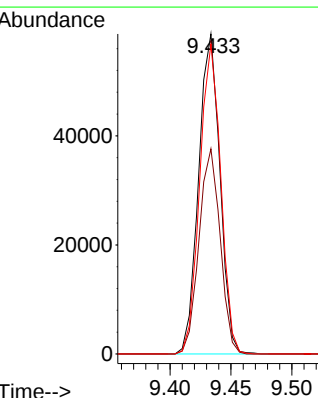
Tgt Ion: 65 Resp: 71468

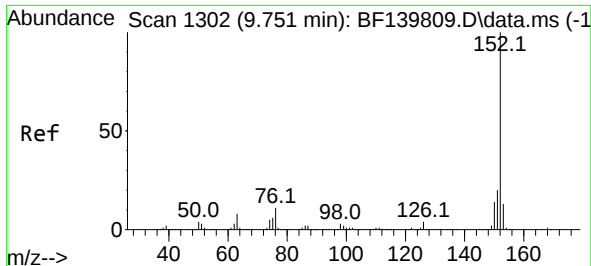
Ion Ratio Lower Upper

65 100

92 64.1 51.1 76.7

138 96.9 74.1 111.1





#49  
Acenaphthylene  
Concen: 20.766 ng  
RT: 9.751 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

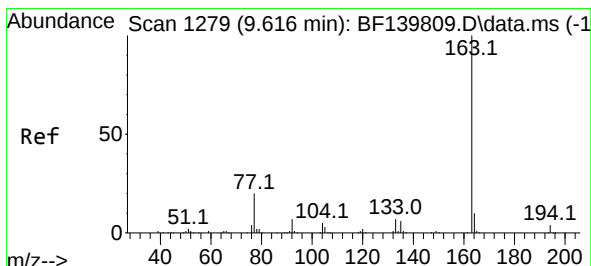
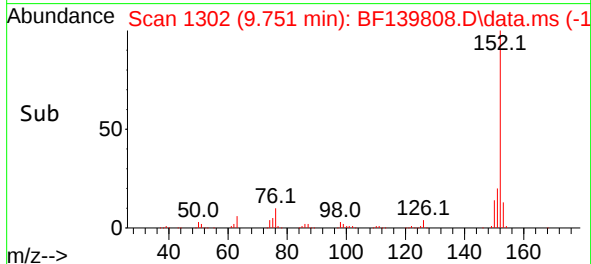
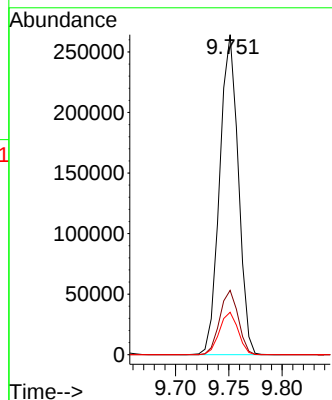
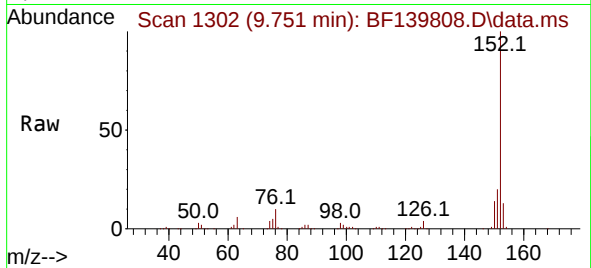
SSTDICC020

Tgt Ion:152 Resp: 320274  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 13.3 10.4 15.6

Manual Integrations

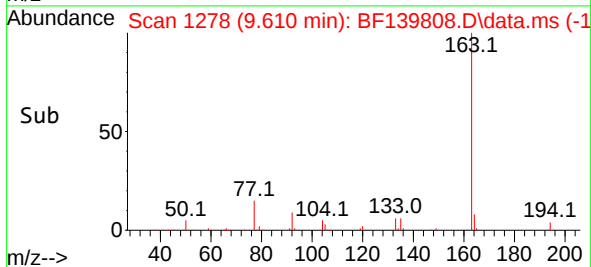
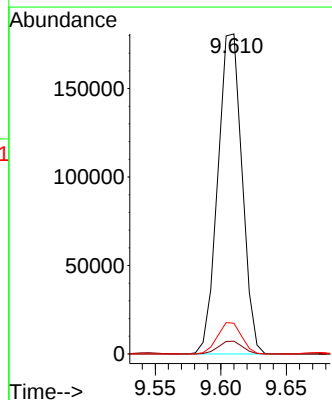
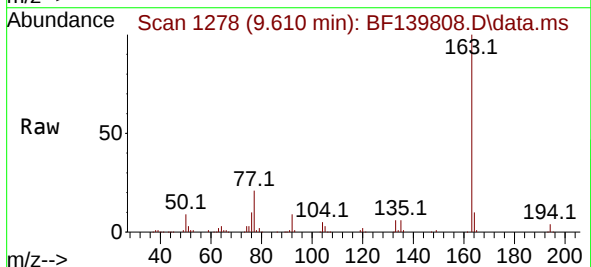
APPROVED

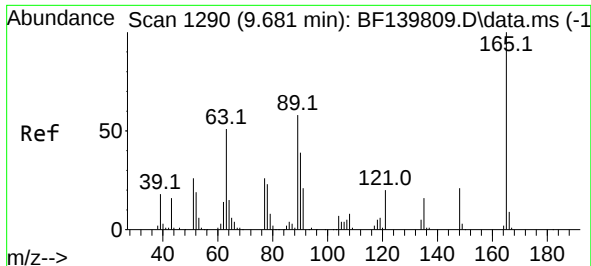
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#50  
Dimethylphthalate  
Concen: 20.878 ng  
RT: 9.610 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:163 Resp: 232311  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 9.6 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 21.130 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

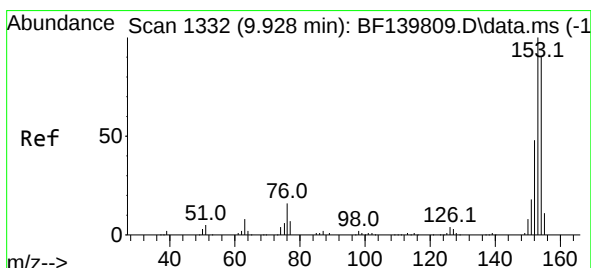
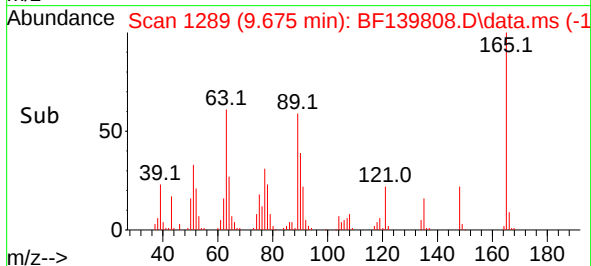
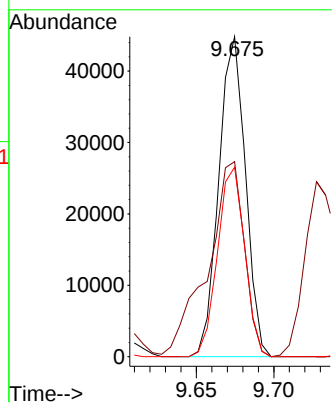
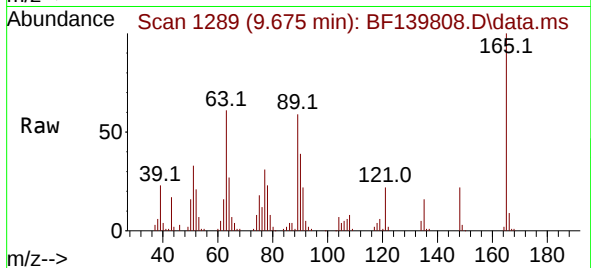
ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 5364  
 Ion Ratio Lower Upper  
 165 100  
 63 60.9 50.0 75.0  
 89 59.2 46.8 70.2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024  
 Supervised By :mohammad ahmed 10/16/2024



#52

Acenaphthene

Concen: 20.912 ng m

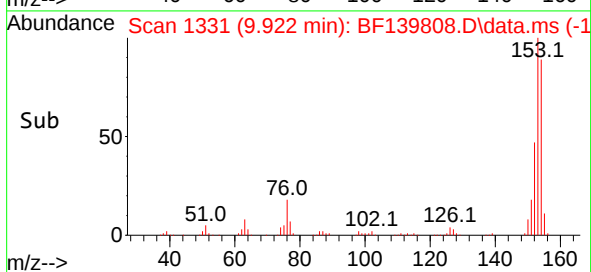
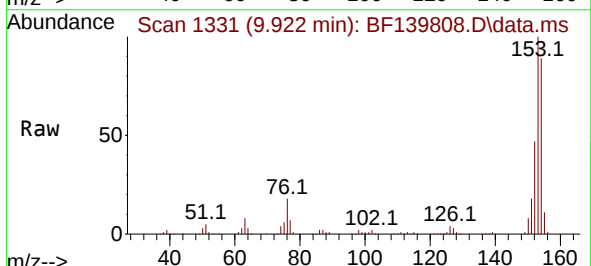
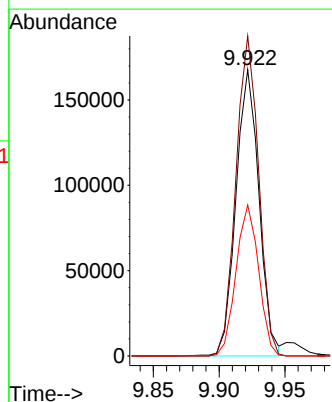
RT: 9.922 min Scan# 1331

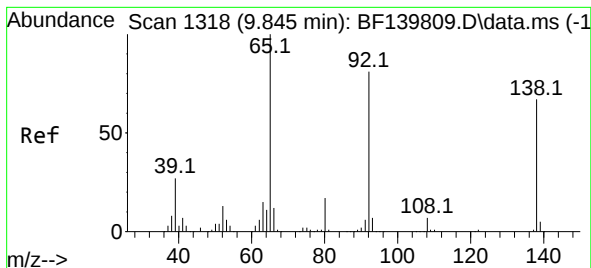
Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Tgt Ion:154 Resp: 204241  
 Ion Ratio Lower Upper  
 154 100  
 153 111.8 88.8 133.2  
 152 52.8 42.3 63.5





#53

3-Nitroaniline

Concen: 21.062 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

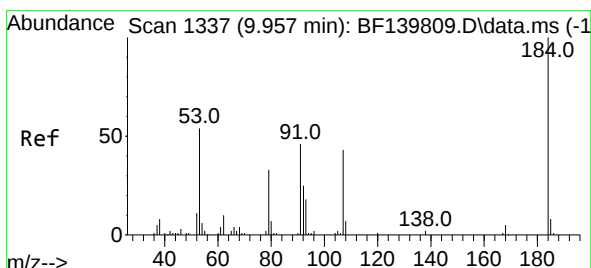
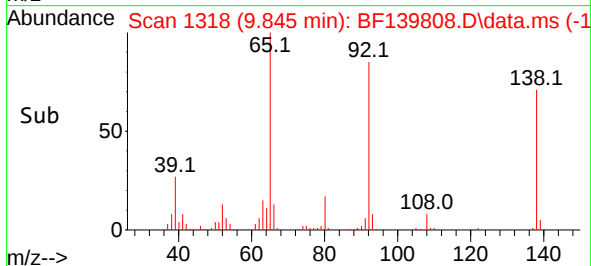
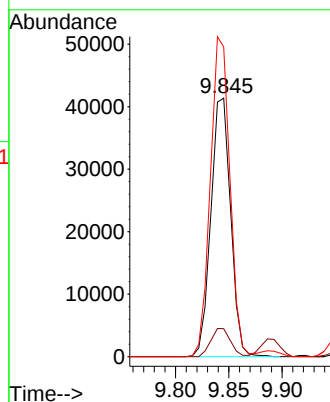
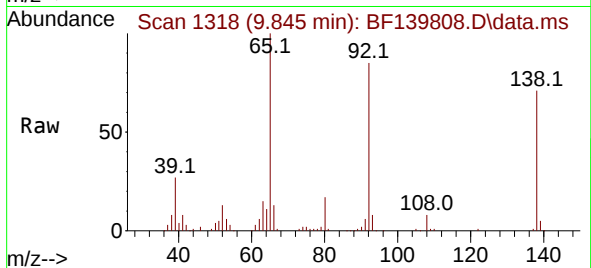
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:138 | Resp: | 5331       |
| Ion Ratio   | Lower | Upper      |
| 138         | 100   |            |
| 108         | 10.8  | 9.0 13.4   |
| 92          | 119.7 | 97.5 146.3 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#54

2,4-Dinitrophenol

Concen: 19.541 ng

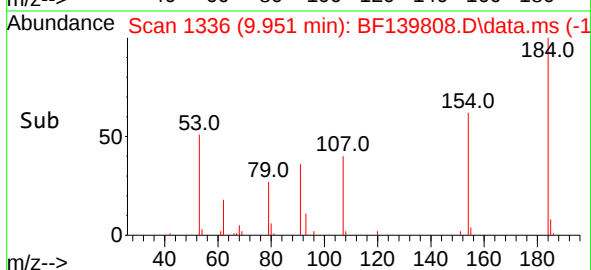
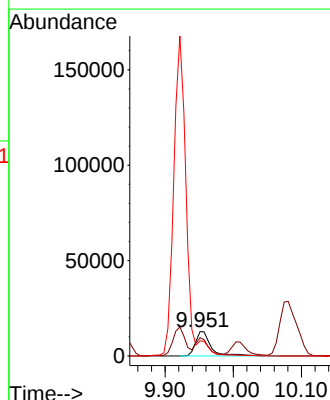
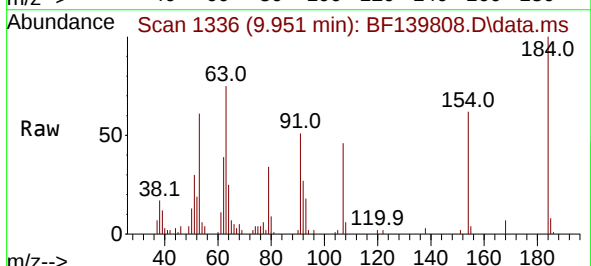
RT: 9.951 min Scan# 1336

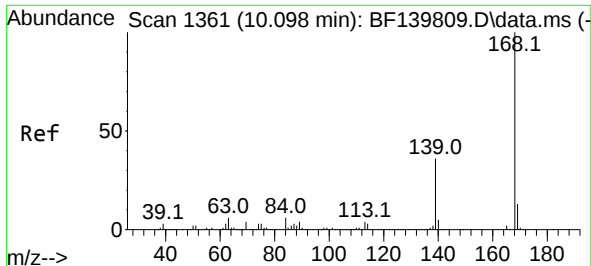
Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

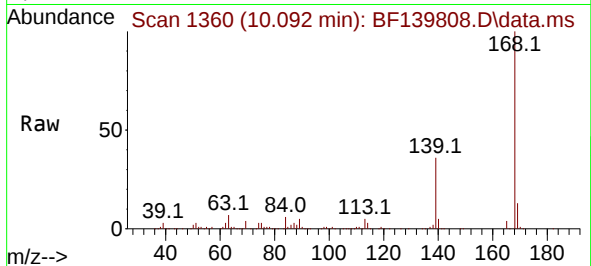
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 20162     |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 63          | 75.2  | 58.2 87.4 |
| 154         | 62.1  | 49.3 73.9 |





#55  
Dibenzenofuran  
Concen: 21.083 ng  
RT: 10.092 min Scan# 1360  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

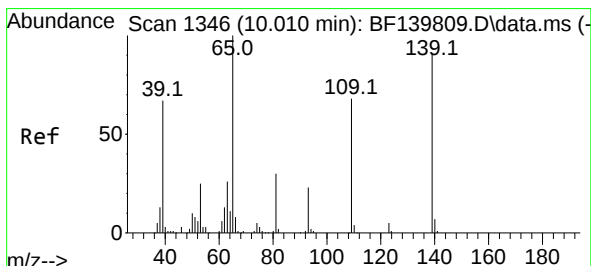
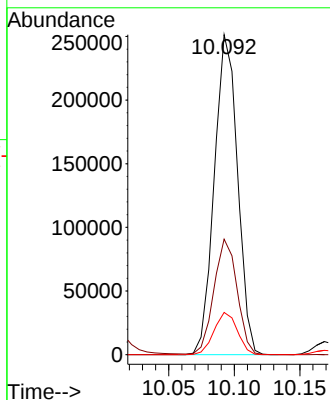
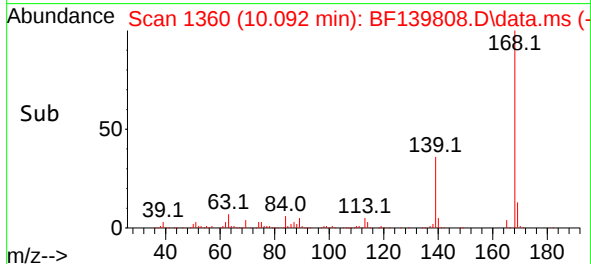
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:168 Resp: 308870  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.2 43.8  
169 13.2 10.5 15.7

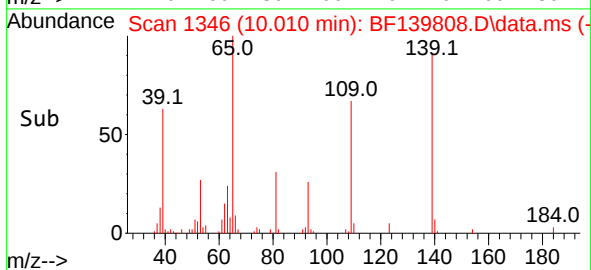
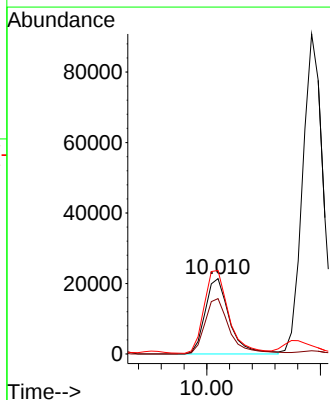
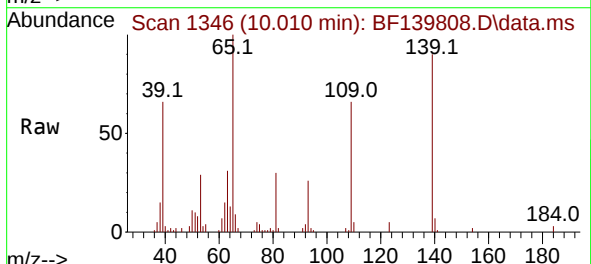
Manual Integrations  
APPROVED

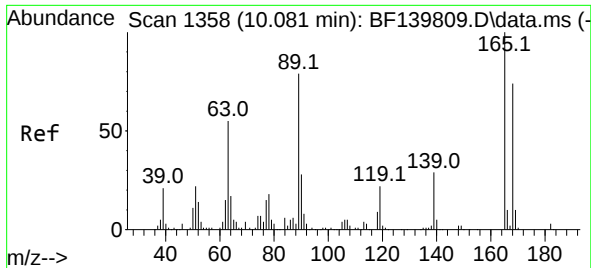
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#56  
4-Nitrophenol  
Concen: 20.863 ng  
RT: 10.010 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:139 Resp: 31792  
Ion Ratio Lower Upper  
139 100  
109 73.4 54.1 94.1  
65 110.8 90.5 130.5





#57  
2,4-Dinitrotoluene  
Concen: 21.428 ng  
RT: 10.075 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

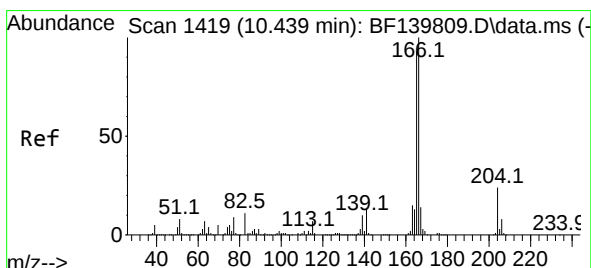
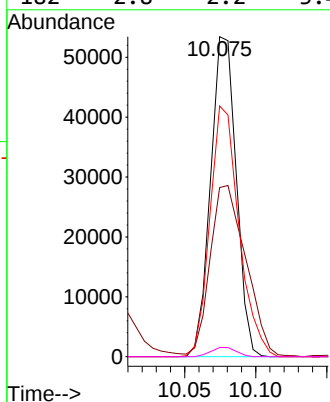
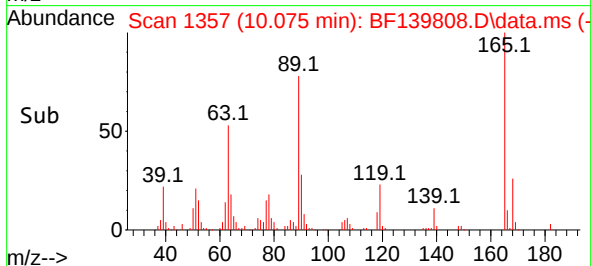
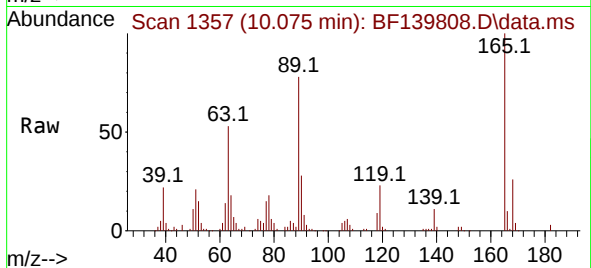
SSTDICC020

Tgt Ion:165 Resp: 6716  
Ion Ratio Lower Upper  
165 100  
63 52.8 44.7 67.1  
89 78.3 63.1 94.7  
182 2.8 2.2 3.4

Manual Integrations

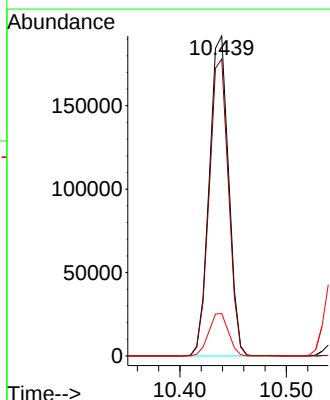
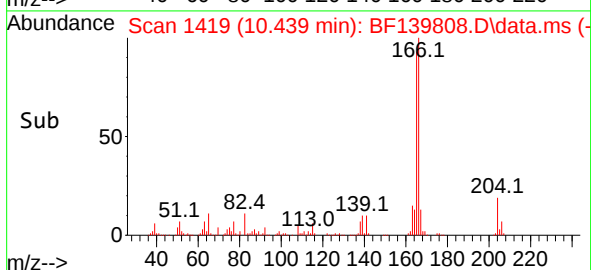
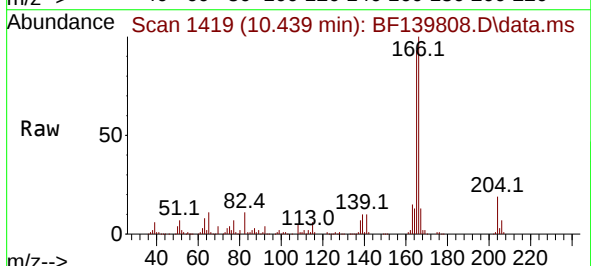
APPROVED

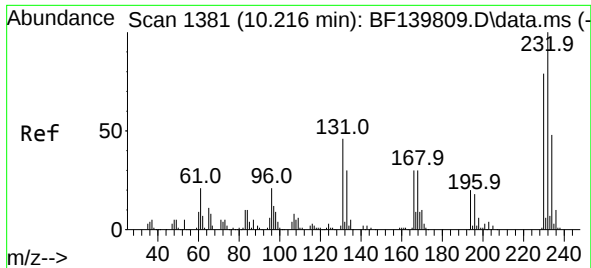
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#58  
Fluorene  
Concen: 21.257 ng  
RT: 10.439 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

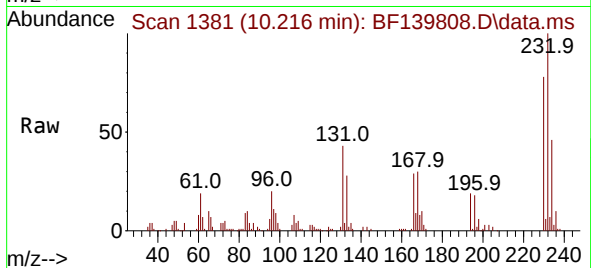
Tgt Ion:166 Resp: 242376  
Ion Ratio Lower Upper  
166 100  
165 92.8 74.5 111.7  
167 13.2 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.367 ng  
RT: 10.216 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

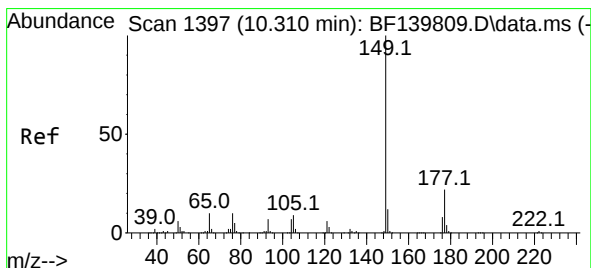
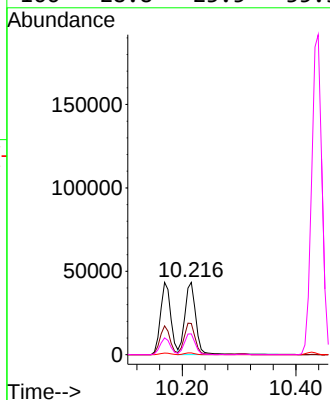
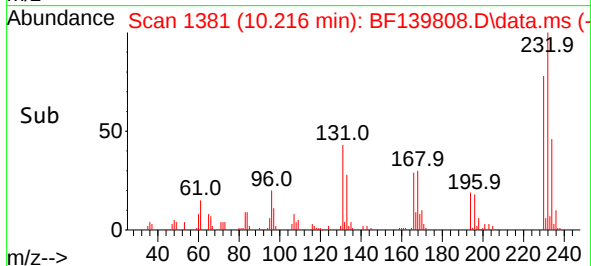
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



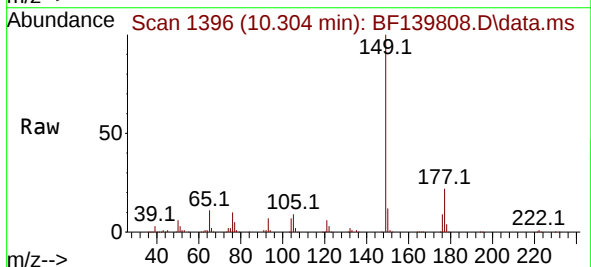
Tgt Ion:232 Resp: 57149  
Ion Ratio Lower Upper  
232 100  
131 44.0 36.1 54.1  
130 2.3 1.8 2.6  
166 28.8 23.5 35.3

Manual Integrations  
APPROVED

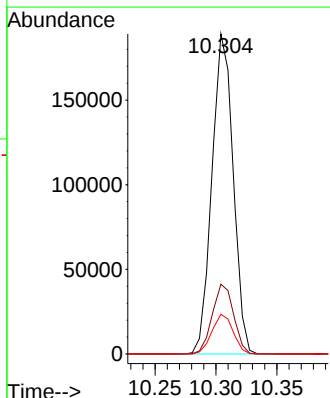
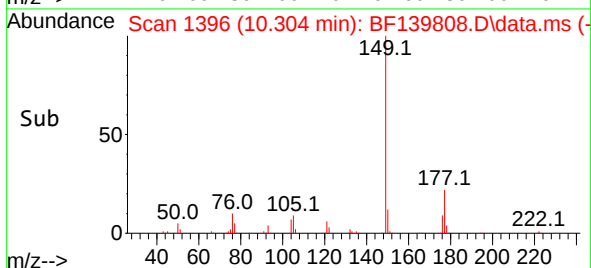
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024

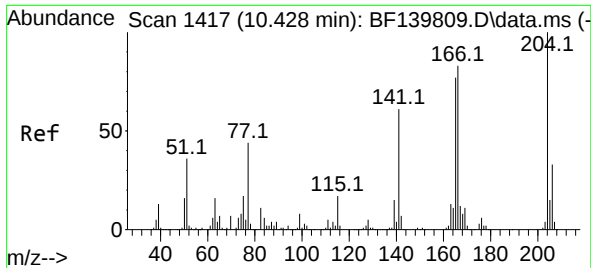


#60  
Diethylphthalate  
Concen: 21.229 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



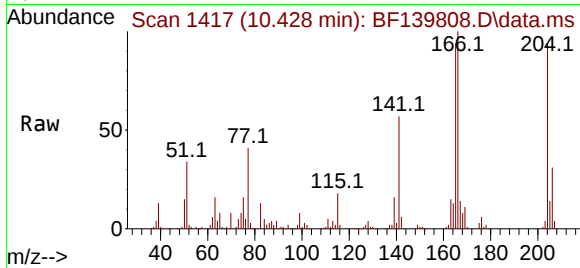
Tgt Ion:149 Resp: 229820  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.6 26.4  
150 12.4 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 20.998 ng  
RT: 10.428 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

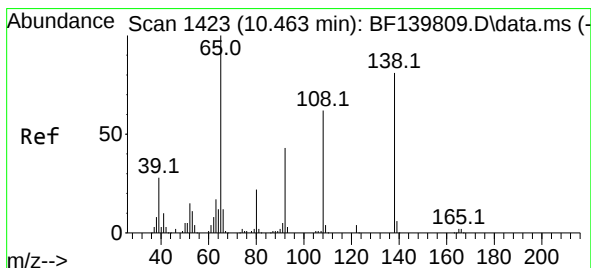
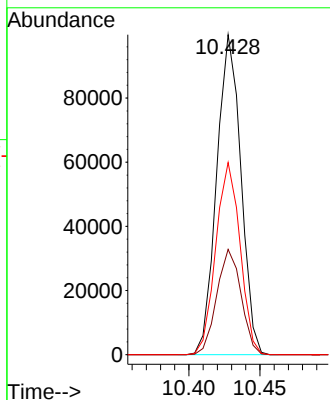
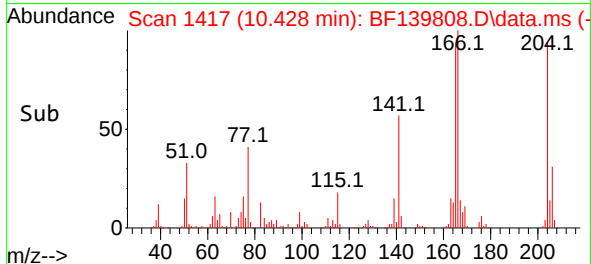
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:204 Resp: 11830  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.2 39.4  
141 60.0 49.0 73.6

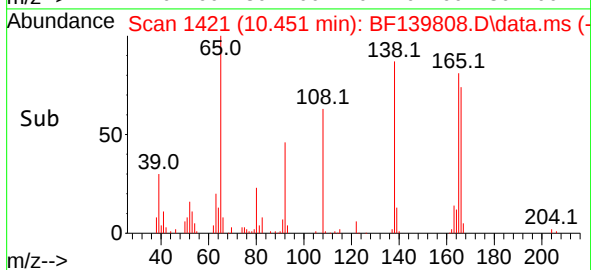
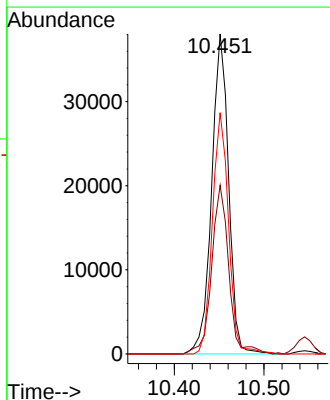
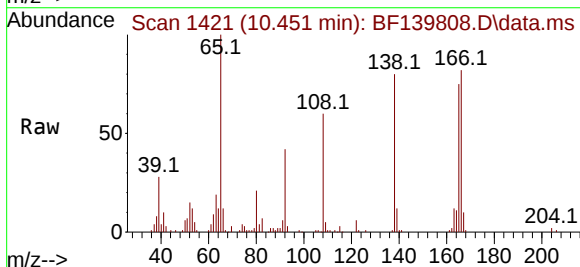
Manual Integrations  
APPROVED

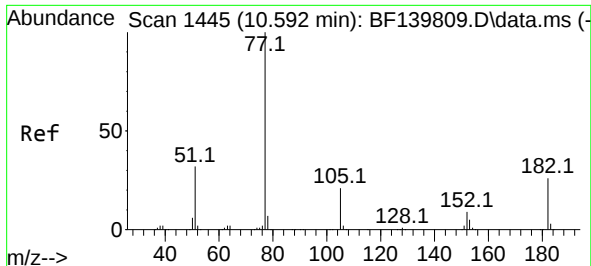
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#62  
4-Nitroaniline  
Concen: 21.519 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. -0.012 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:138 Resp: 49821  
Ion Ratio Lower Upper  
138 100  
92 52.7 33.2 73.2  
108 75.4 57.0 97.0





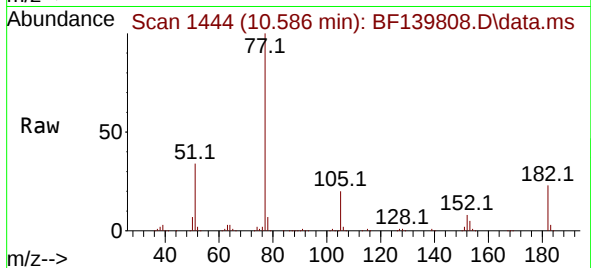
#63  
Azobenzene  
Concen: 20.879 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



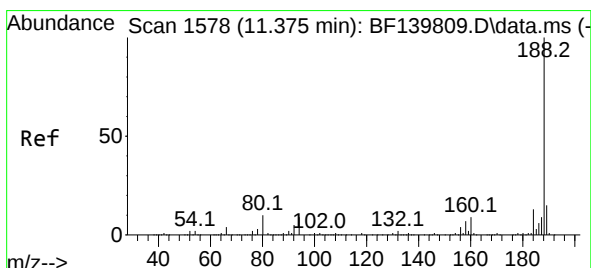
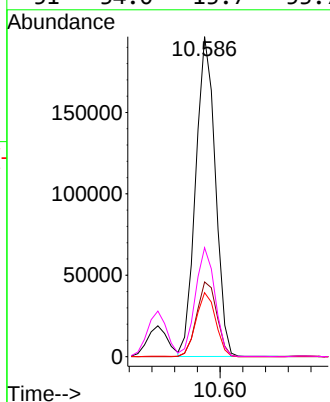
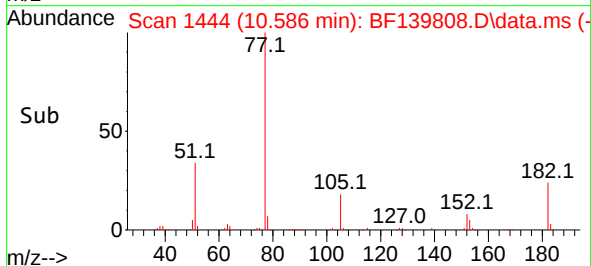
Tgt Ion: 77 Resp: 235632  
Ion Ratio Lower Upper  
77 100  
182 23.3 5.4 45.4  
105 20.0 0.4 40.4  
51 34.0 13.7 53.7

Manual Integrations

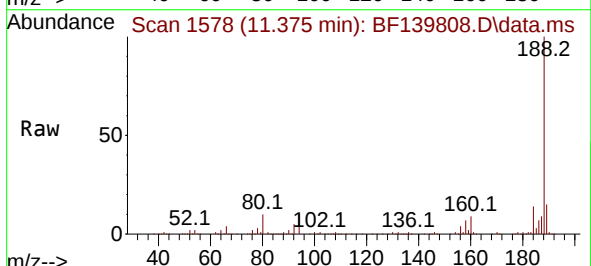
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

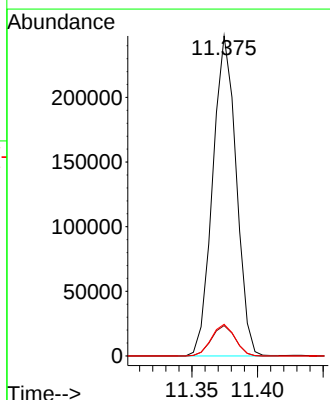
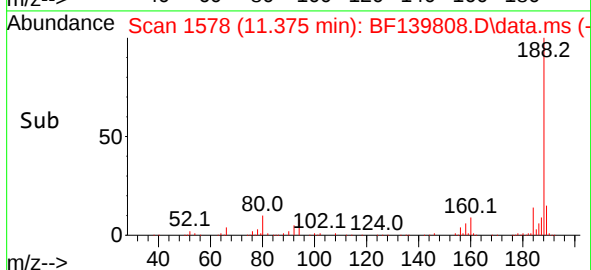
Supervised By :mohammad ahmed 10/16/2024

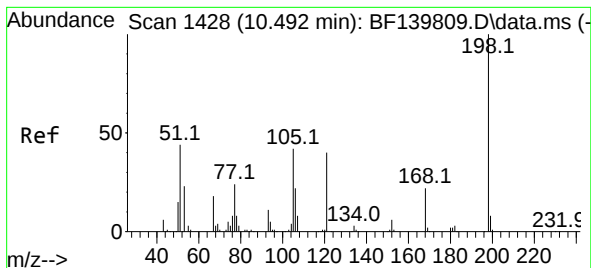


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:188 Resp: 308744  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.3 10.9  
80 9.9 7.8 11.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.032 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

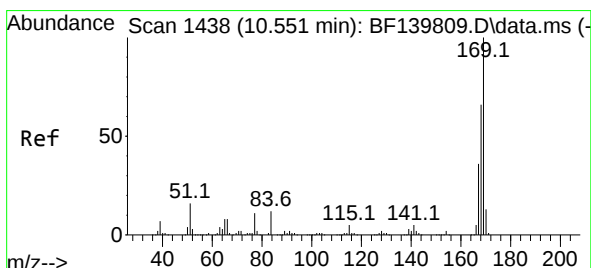
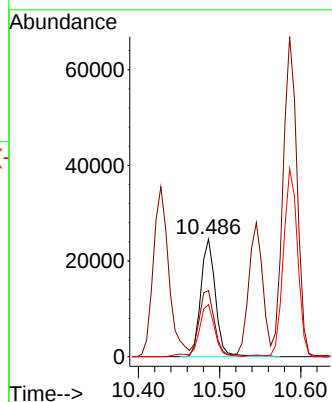
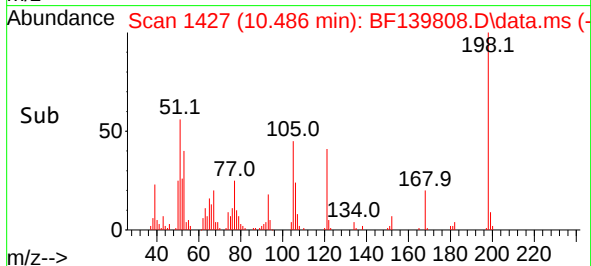
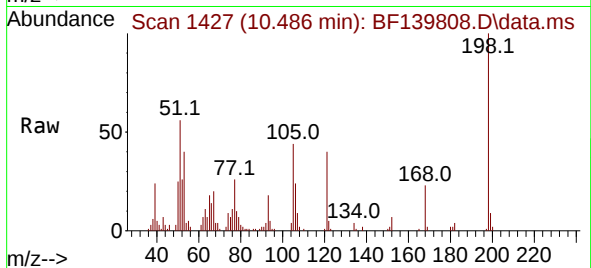
SSTDICC020

Tgt Ion:198 Resp: 30828  
Ion Ratio Lower Upper  
198 100  
51 56.1 34.3 74.3  
105 44.3 23.8 63.8

Manual Integrations

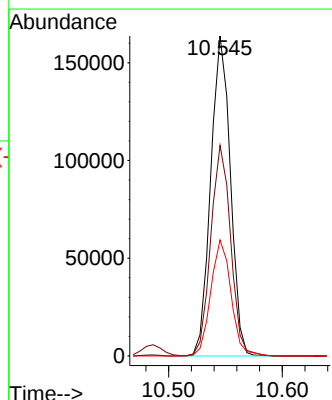
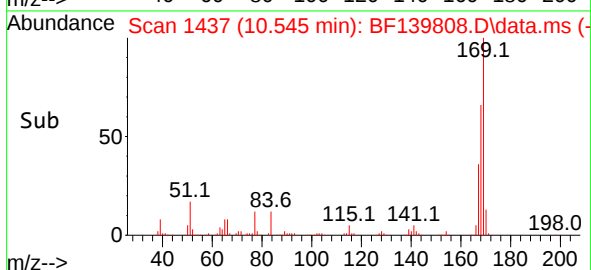
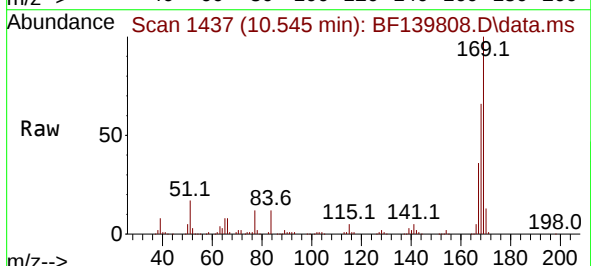
APPROVED

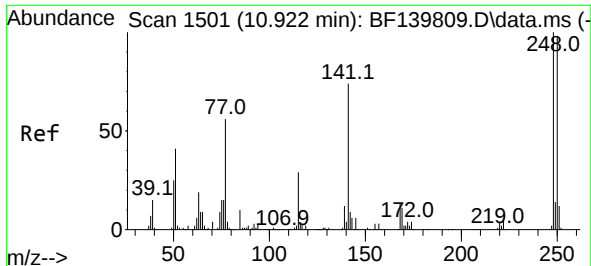
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#66  
n-Nitrosodiphenylamine  
Concen: 20.134 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

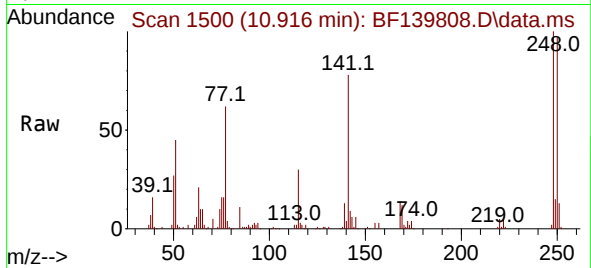
Tgt Ion:169 Resp: 196628  
Ion Ratio Lower Upper  
169 100  
168 65.8 52.8 79.2  
167 36.2 28.8 43.2





#67  
4-Bromophenyl-phenylether  
Concen: 20.339 ng  
RT: 10.916 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

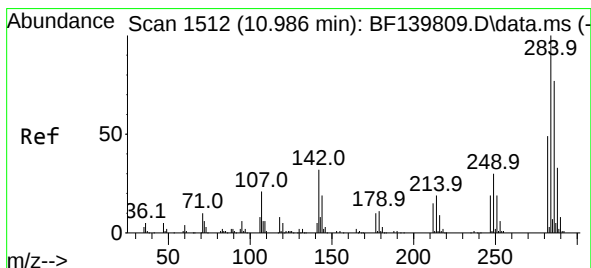
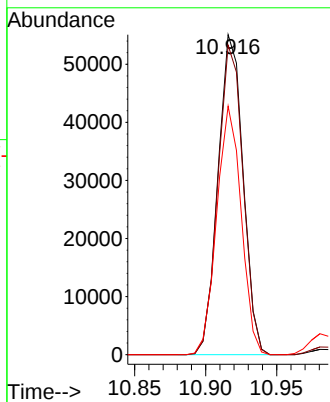
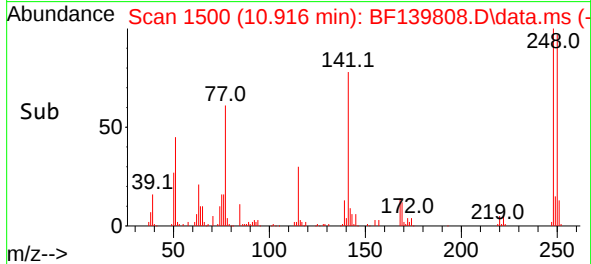
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



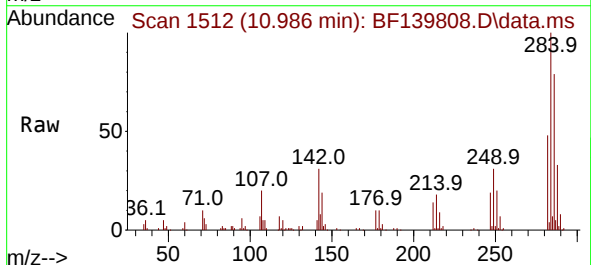
Tgt Ion:248 Resp: 67654  
Ion Ratio Lower Upper  
248 100  
250 96.7 78.7 118.1  
141 77.6 58.9 88.3

Manual Integrations  
APPROVED

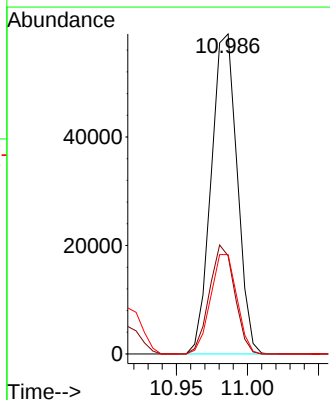
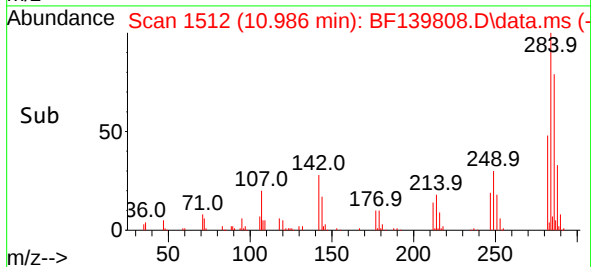
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024

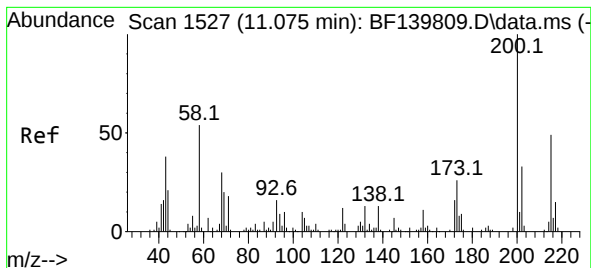


#68  
Hexachlorobenzene  
Concen: 20.155 ng  
RT: 10.986 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:284 Resp: 74997  
Ion Ratio Lower Upper  
284 100  
142 30.7 25.2 37.8  
249 31.1 23.8 35.8





#69

Atrazine

Concen: 23.726 ng

RT: 11.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

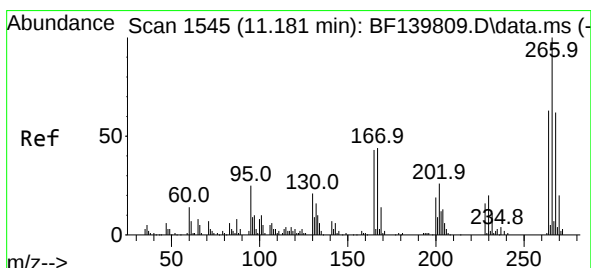
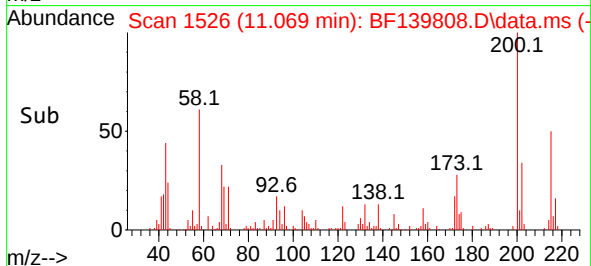
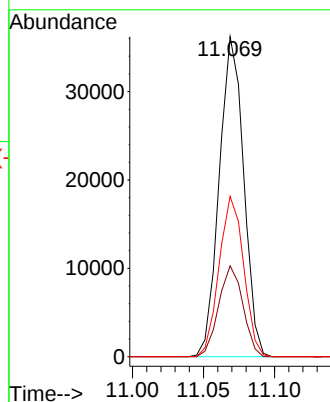
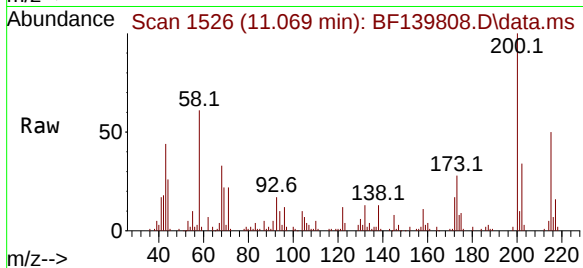
Tgt Ion:200 Resp: 4325  
 Ion Ratio Lower Upper  
 200 100  
 173 28.4 6.5 46.5  
 215 50.1 29.2 69.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#70

Pentachlorophenol

Concen: 19.931 ng

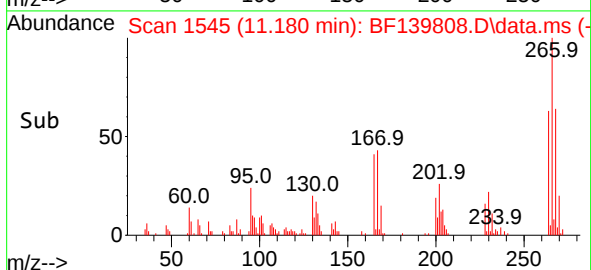
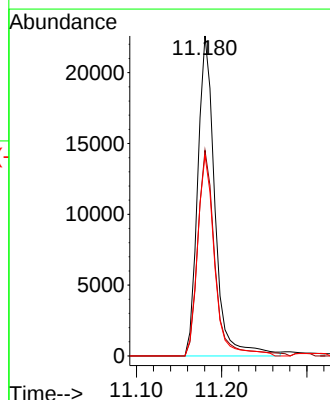
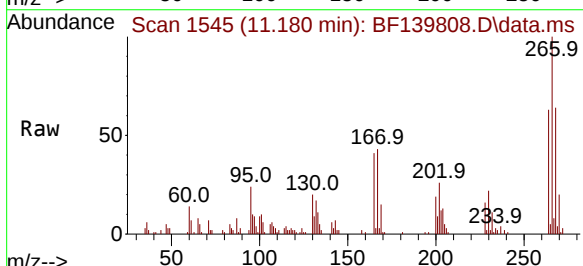
RT: 11.180 min Scan# 1545

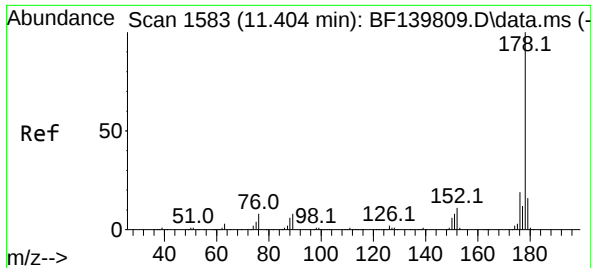
Delta R.T. -0.000 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

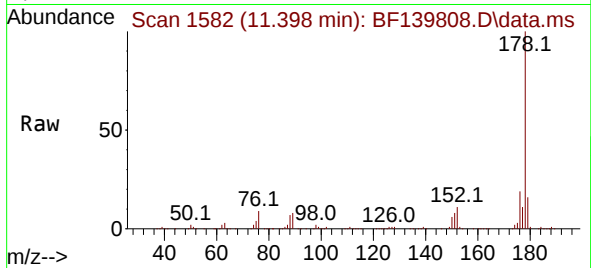
Tgt Ion:266 Resp: 31716  
 Ion Ratio Lower Upper  
 266 100  
 268 64.3 49.8 74.8  
 264 62.7 50.5 75.7





#71  
Phenanthrene  
Concen: 20.457 ng  
RT: 11.398 min Scan# 11398  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

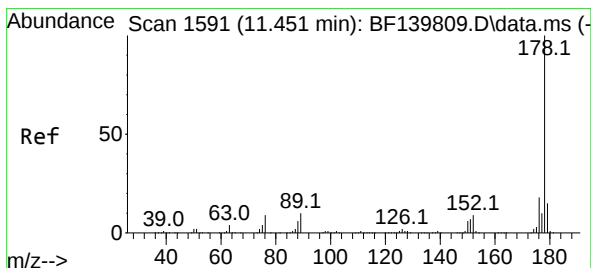
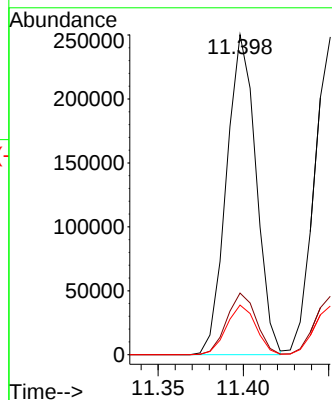
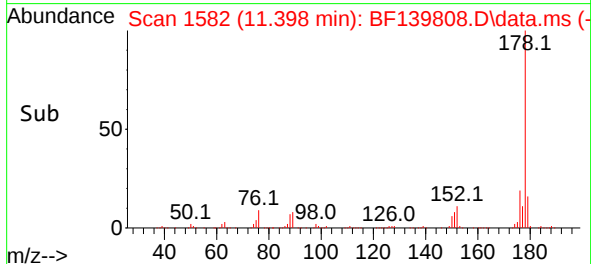
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:178 Resp: 301680  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.5 23.3  
179 15.5 12.5 18.7

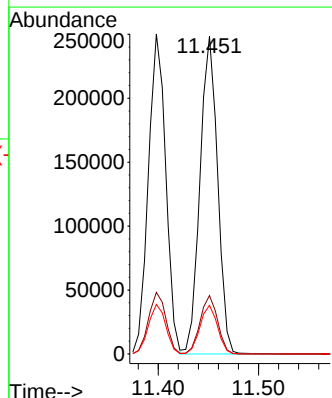
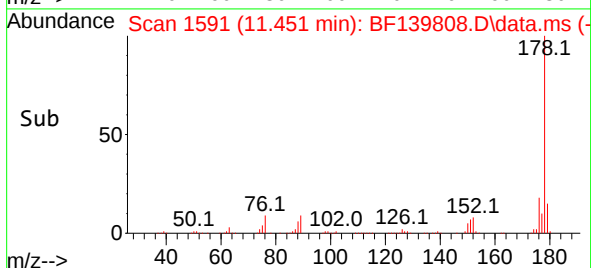
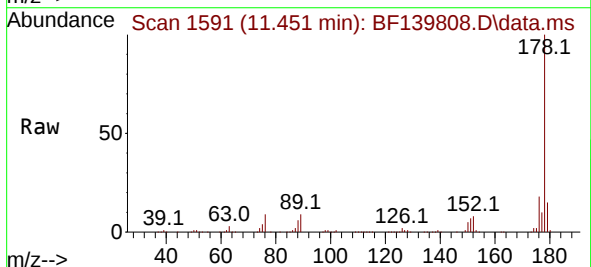
Manual Integrations  
APPROVED

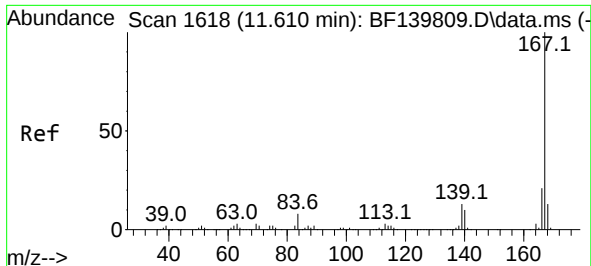
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#72  
Anthracene  
Concen: 20.960 ng  
RT: 11.451 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

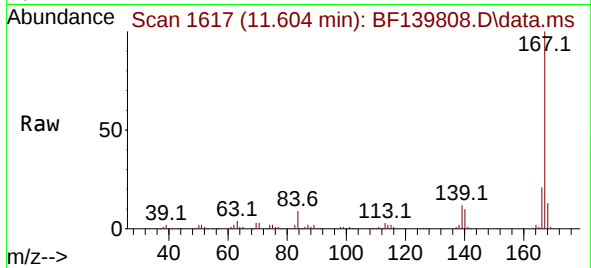
Tgt Ion:178 Resp: 303732  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 21.8  
179 15.3 12.4 18.6





#73  
 Carbazole  
 Concen: 20.787 ng  
 RT: 11.604 min Scan# 1617  
 Delta R.T. -0.006 min  
 Lab File: BF139808.D  
 Acq: 15 Oct 2024 12:46

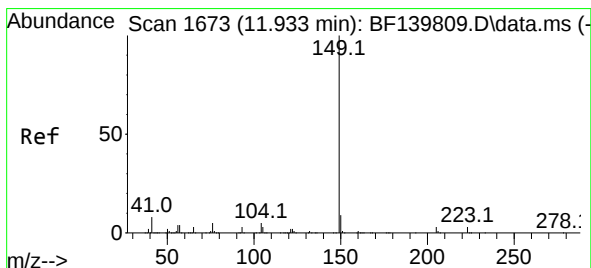
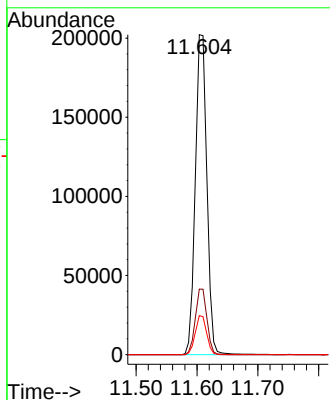
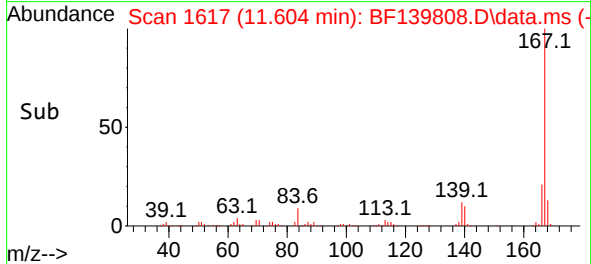
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020



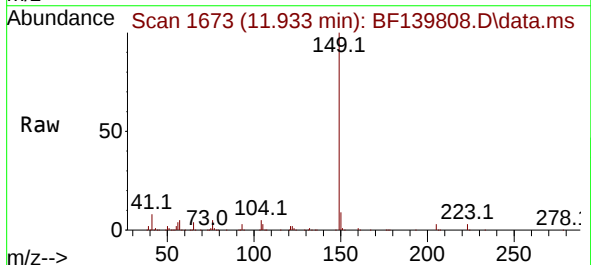
Tgt Ion:167 Resp: 26650  
 Ion Ratio Lower Upper  
 167 100  
 166 20.5 17.0 25.6  
 139 12.2 10.1 15.1

Manual Integrations  
 APPROVED

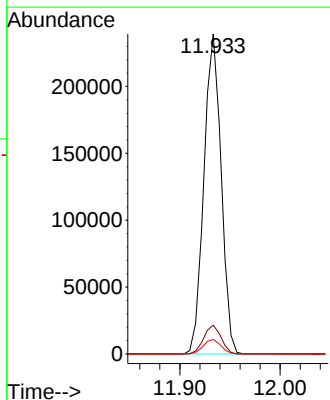
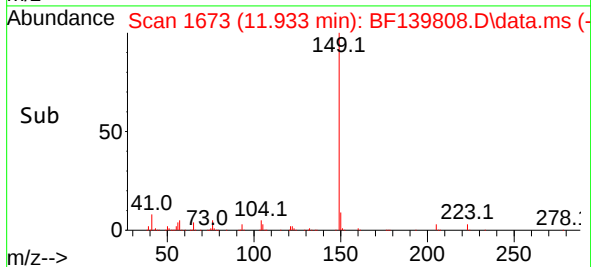
Reviewed By :Yogesh Patel 10/16/2024  
 Supervised By :mohammad ahmed 10/16/2024

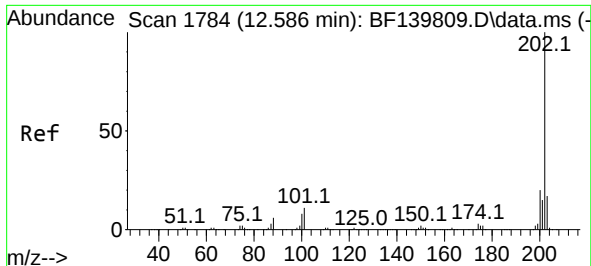


#74  
 Di-n-butylphthalate  
 Concen: 20.550 ng  
 RT: 11.933 min Scan# 1673  
 Delta R.T. -0.000 min  
 Lab File: BF139808.D  
 Acq: 15 Oct 2024 12:46



Tgt Ion:149 Resp: 286288  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.1 10.7  
 104 4.6 3.8 5.8





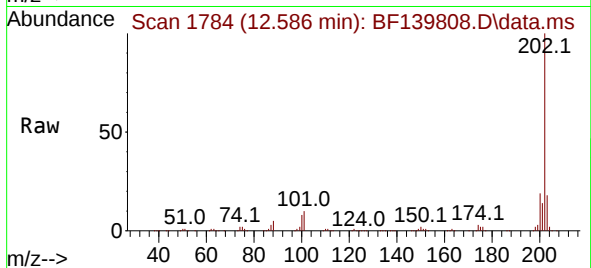
#75  
Fluoranthene  
Concen: 20.164 ng  
RT: 12.586 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



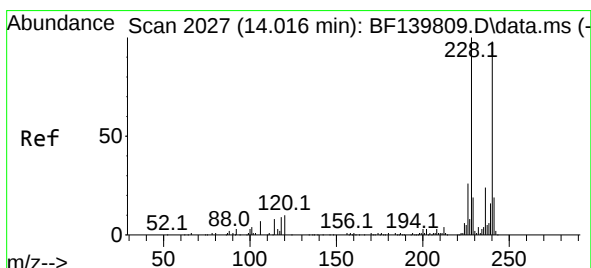
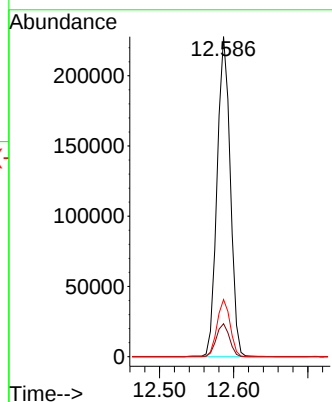
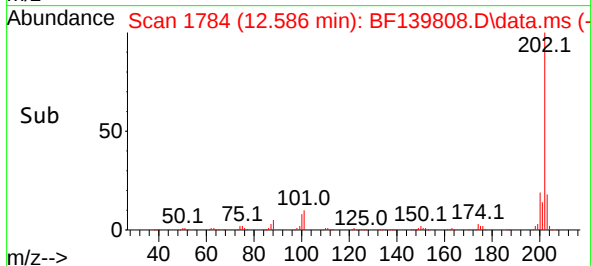
Tgt Ion:202 Resp: 280574  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.8  
203 17.9 0.0 37.5

Manual Integrations

APPROVED

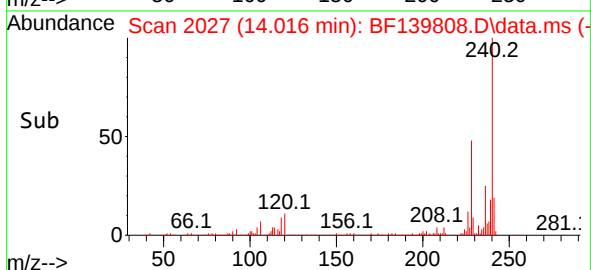
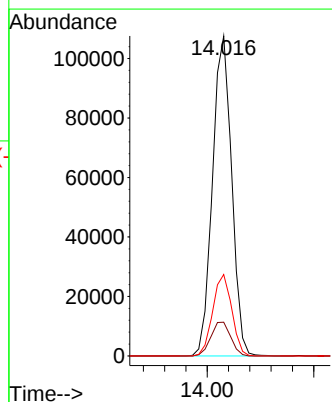
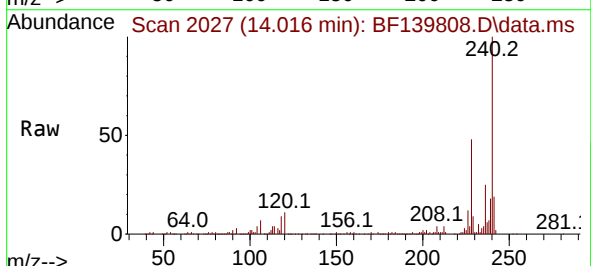
Reviewed By :Yogesh Patel 10/16/2024

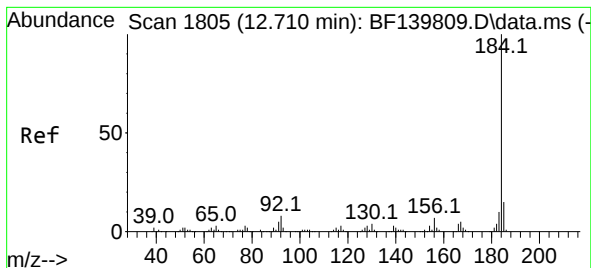
Supervised By :mohammad ahmed 10/16/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:240 Resp: 134108  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.6 12.8  
236 25.5 20.0 30.0





#77

Benzidine

Concen: 13.922 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

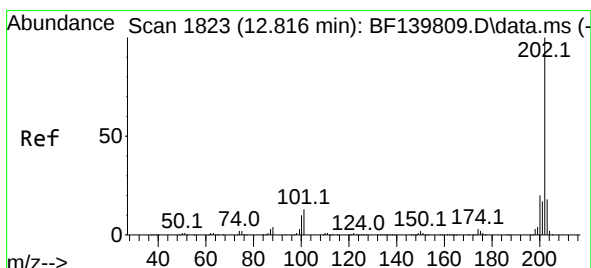
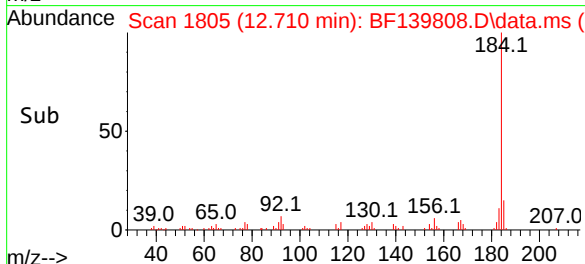
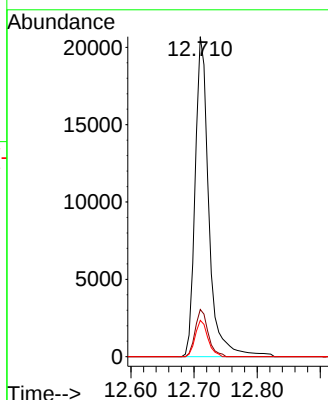
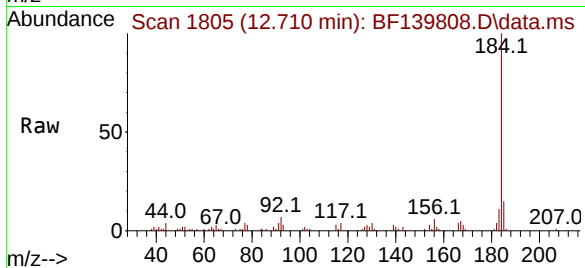
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 31189     |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 14.8  | 11.9 17.9 |
| 183         | 11.3  | 8.4 12.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#78

Pyrene

Concen: 21.255 ng

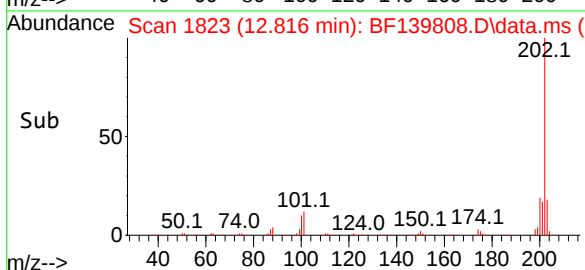
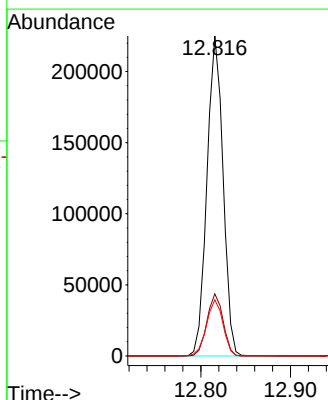
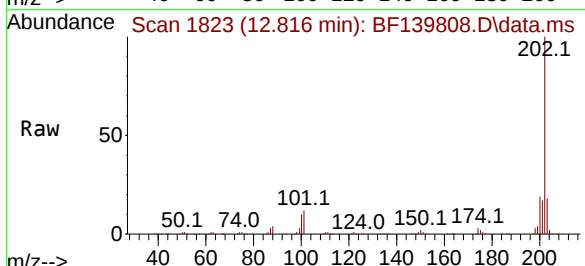
RT: 12.816 min Scan# 1823

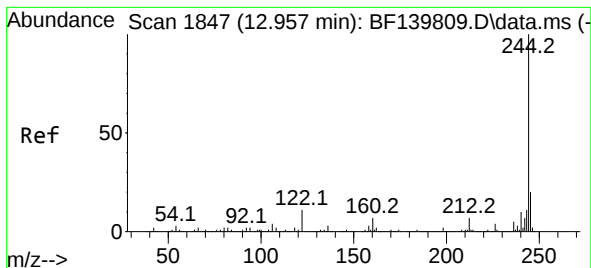
Delta R.T. -0.000 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 280210    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 19.4  | 15.9 23.9 |
| 203         | 17.6  | 14.0 21.0 |





#79

Terphenyl-d14

Concen: 44.372 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF139808.D

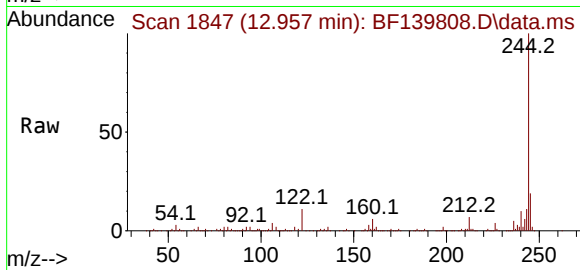
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 36225

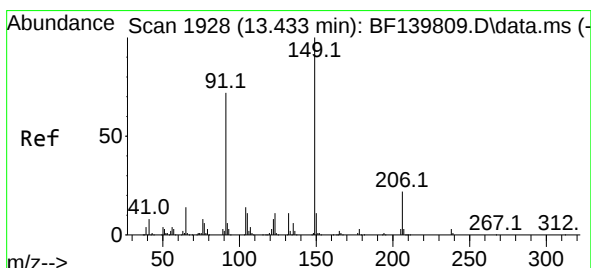
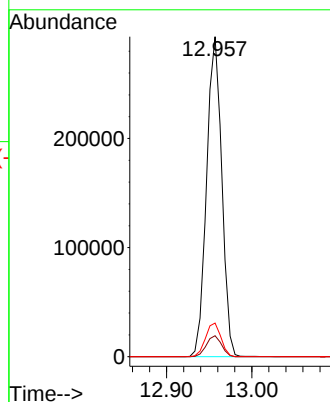
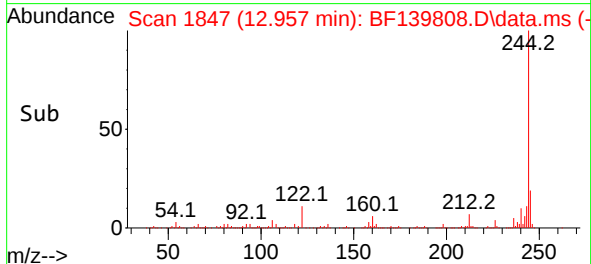
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.5   | 5.5   | 8.3   |
| 122 | 10.5  | 8.9   | 13.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#80

Butylbenzylphthalate

Concen: 20.980 ng

RT: 13.433 min Scan# 1928

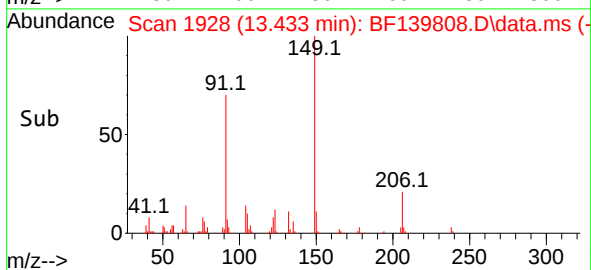
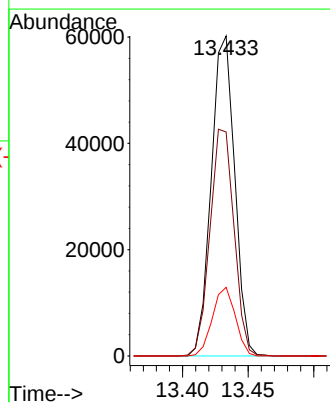
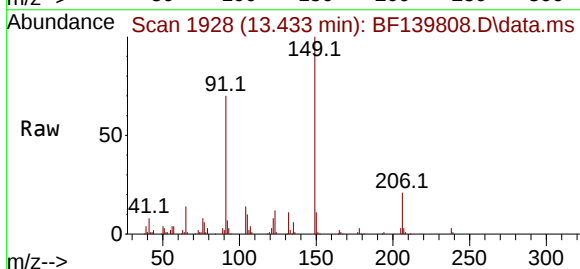
Delta R.T. -0.000 min

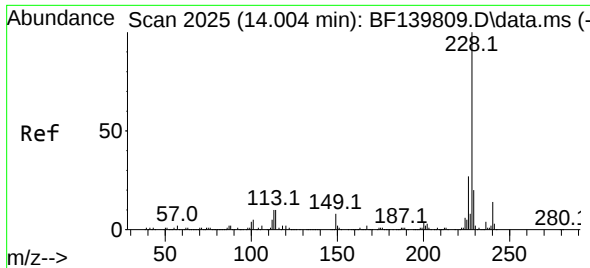
Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Tgt Ion:149 Resp: 74985

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.0  | 57.8  | 86.8  |
| 206 | 21.5  | 17.4  | 26.2  |





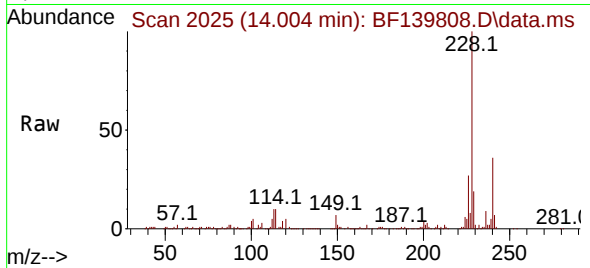
#81  
Benzo(a)anthracene  
Concen: 20.358 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



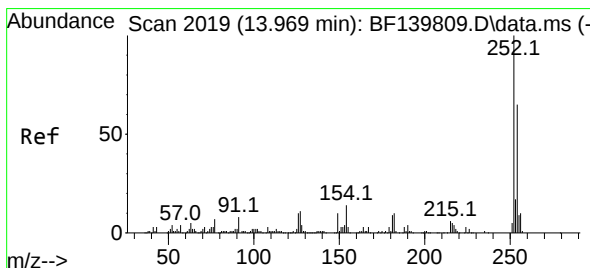
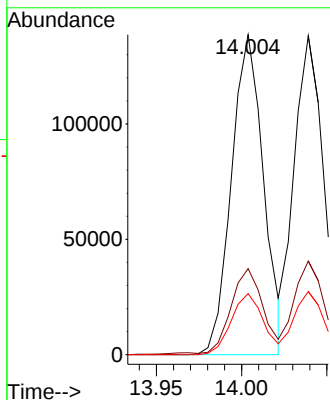
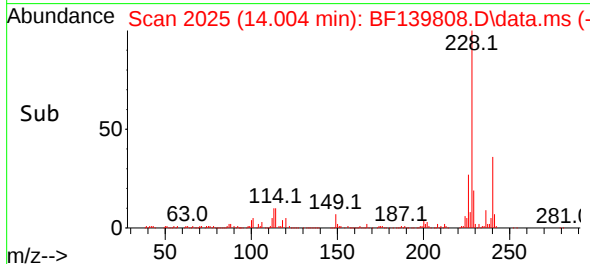
Tgt Ion:228 Resp: 181344  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.8 32.8  
229 19.1 15.8 23.8

Manual Integrations

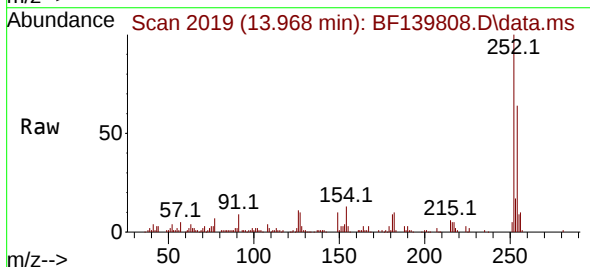
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

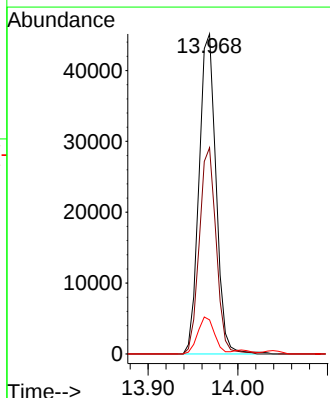
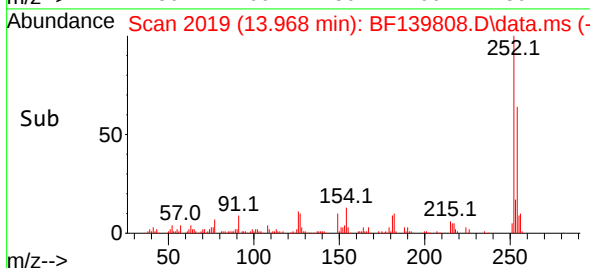
Supervised By :mohammad ahmed 10/16/2024

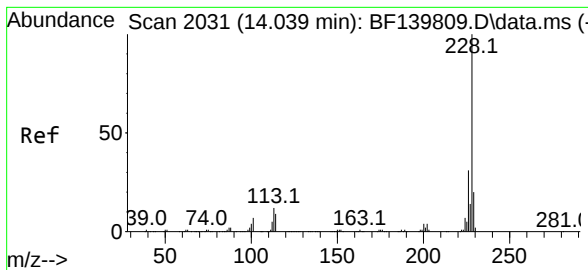


#82  
3,3'-Dichlorobenzidine  
Concen: 20.016 ng  
RT: 13.968 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



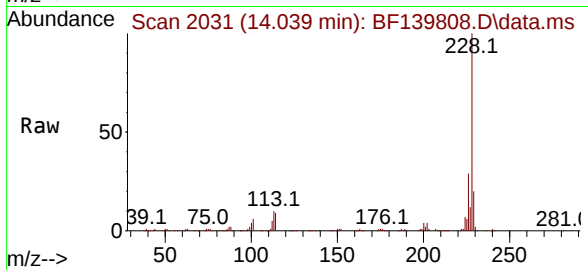
Tgt Ion:252 Resp: 59409  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.7 77.5  
126 10.7 8.2 12.2





#83  
Chrysene  
Concen: 20.495 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

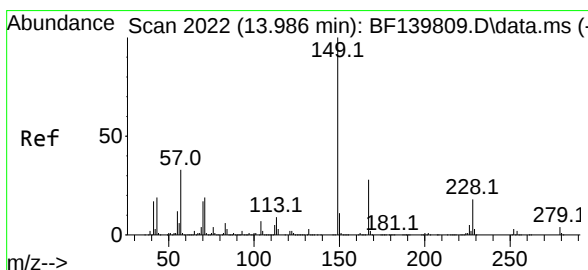
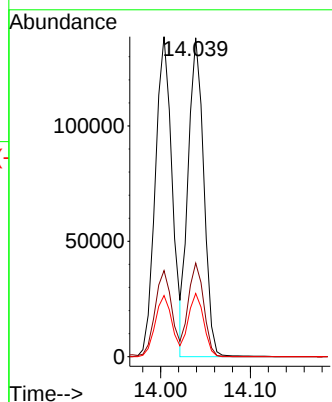
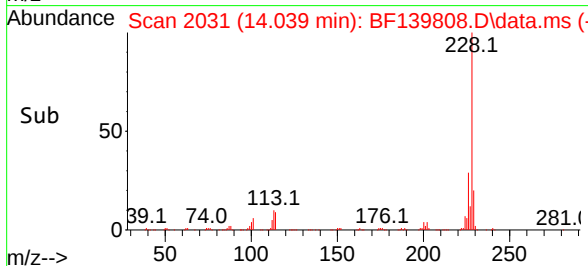
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



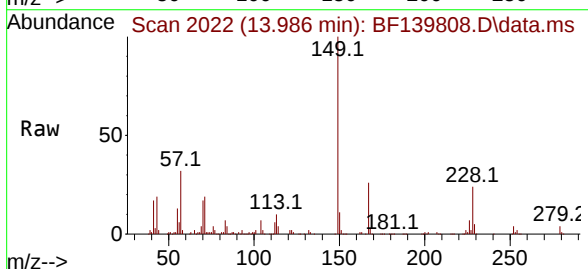
Tgt Ion:228 Resp: 166400  
Ion Ratio Lower Upper  
228 100  
226 29.4 24.1 36.1  
229 19.8 15.8 23.6

Manual Integrations  
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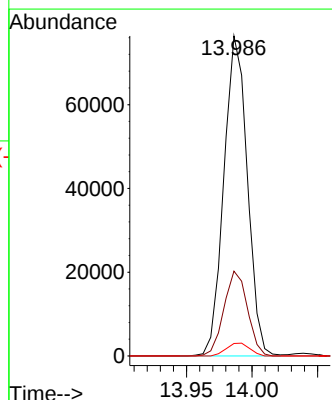
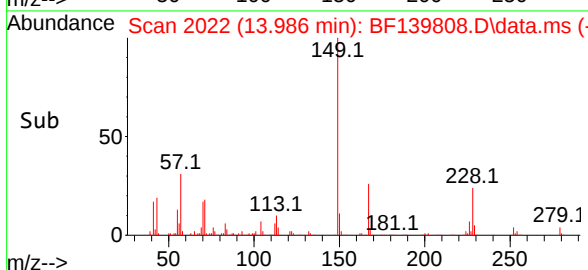
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024

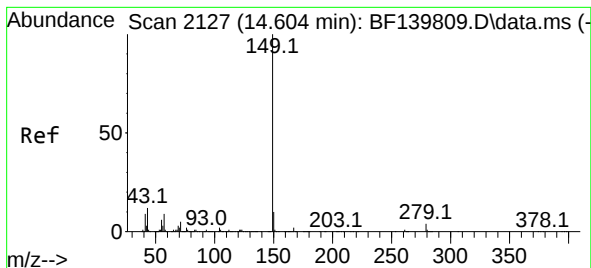


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.633 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46



Tgt Ion:149 Resp: 95120  
Ion Ratio Lower Upper  
149 100  
167 26.5 22.3 33.5  
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 19.963 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:149 Resp: 171224

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

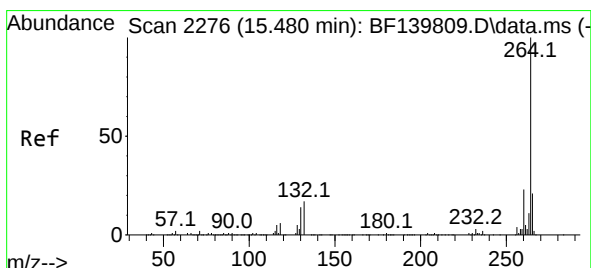
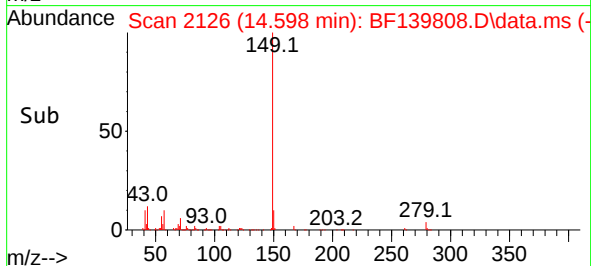
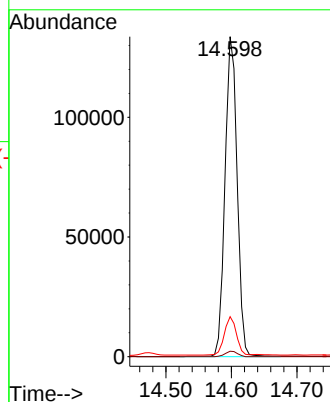
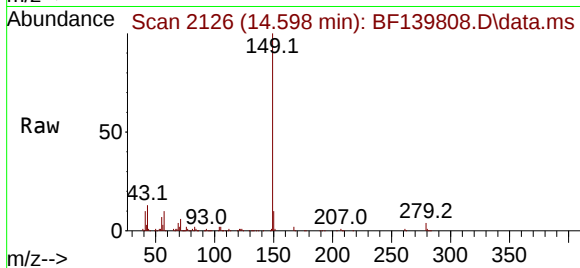
43 11.8 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

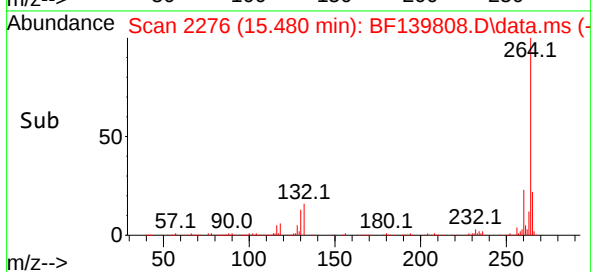
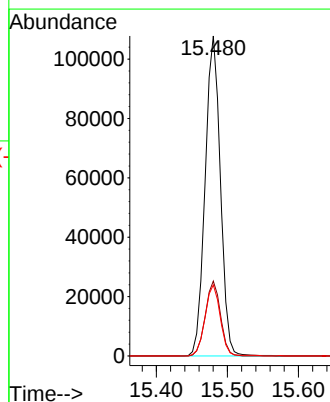
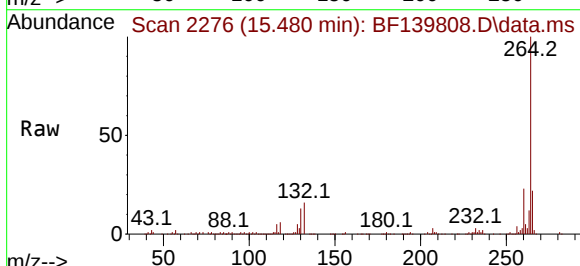
Tgt Ion:264 Resp: 161081

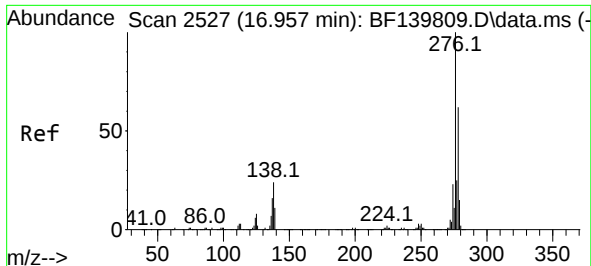
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.2 17.2 25.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 21.289 ng  
RT: 16.945 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

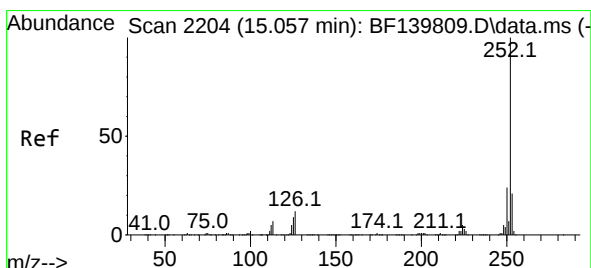
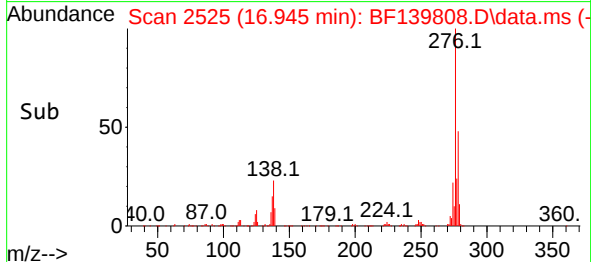
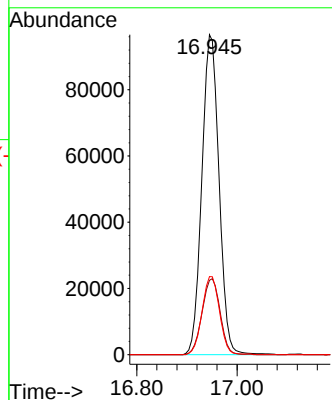
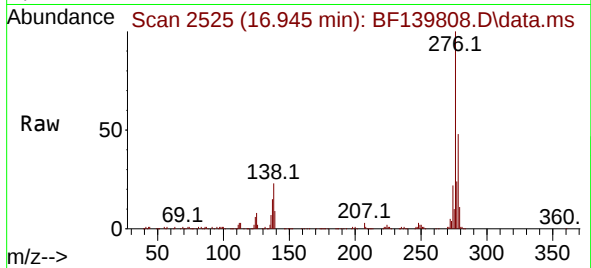
ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 229629  
Ion Ratio Lower Upper  
276 100  
138 24.9 20.0 30.0  
277 24.8 20.1 30.1

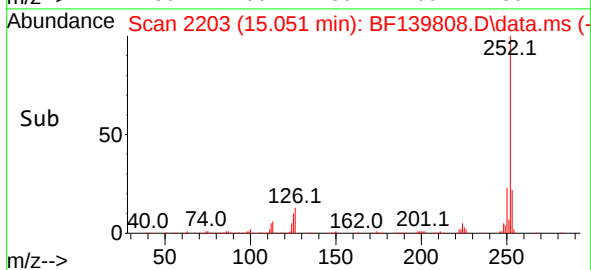
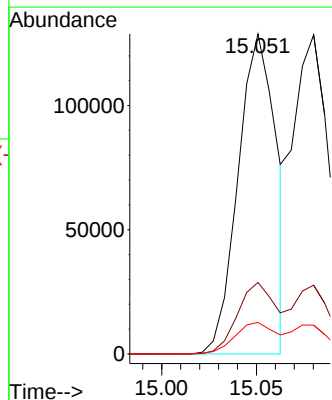
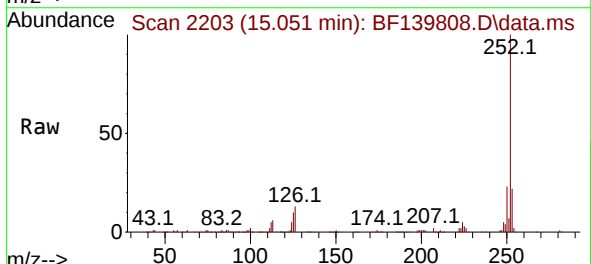
Manual Integrations  
APPROVED

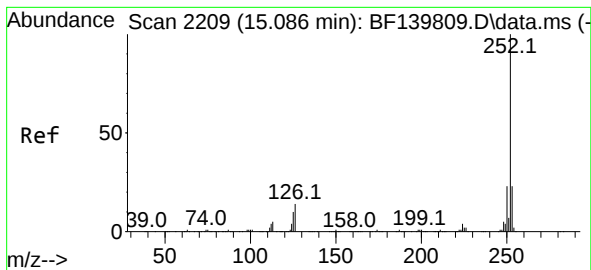
Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#88  
Benzo(b)fluoranthene  
Concen: 19.496 ng  
RT: 15.051 min Scan# 2203  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:252 Resp: 180135  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.1 25.7  
125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 21.274 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 17444

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

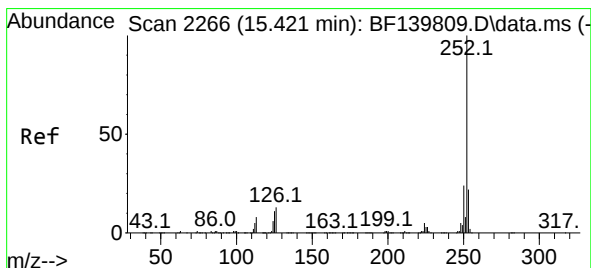
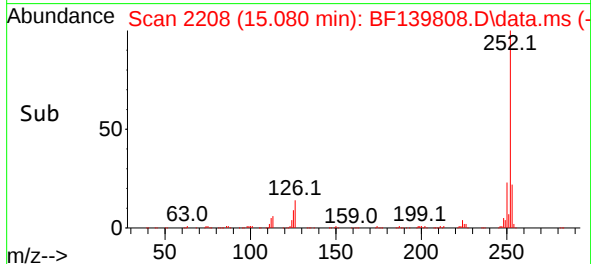
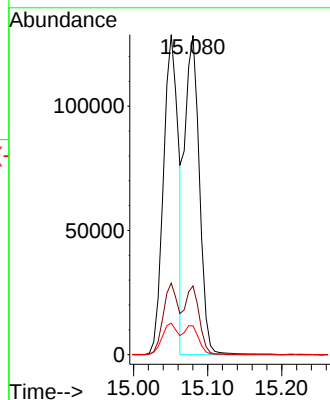
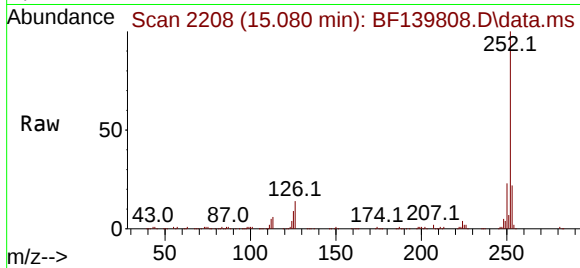
125 9.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#90

Benzo(a)pyrene

Concen: 20.594 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.006 min

Lab File: BF139808.D

Acq: 15 Oct 2024 12:46

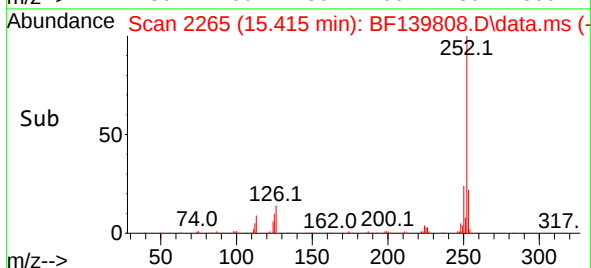
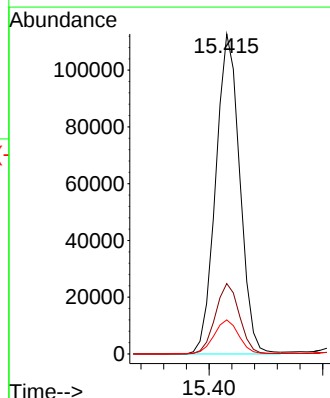
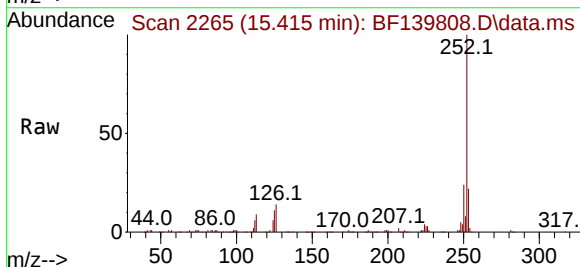
Tgt Ion:252 Resp: 166202

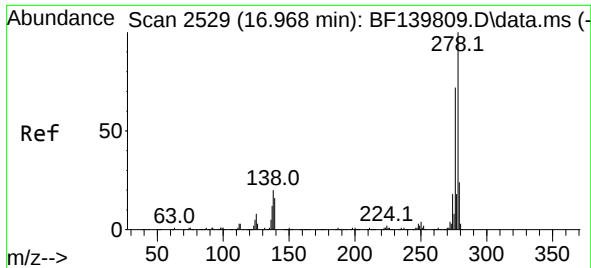
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.6 8.4 12.6





#91  
Dibenzo(a,h)anthracene  
Concen: 21.197 ng  
RT: 16.962 min Scan# 2529  
Delta R.T. -0.006 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Instrument :

BNA\_F

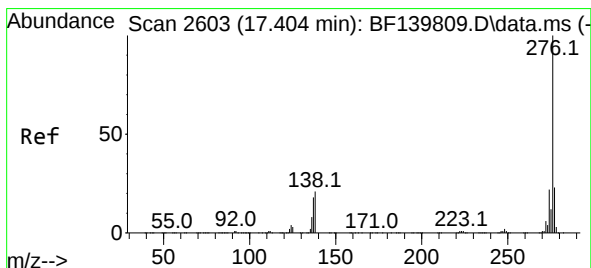
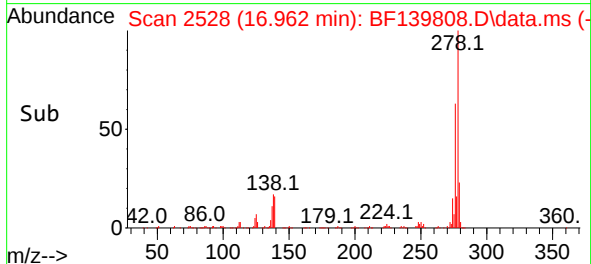
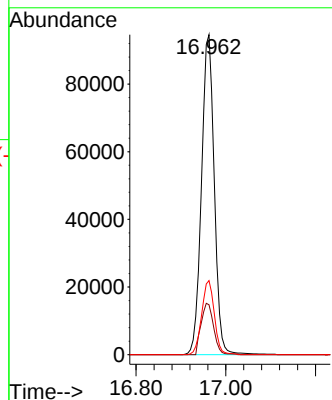
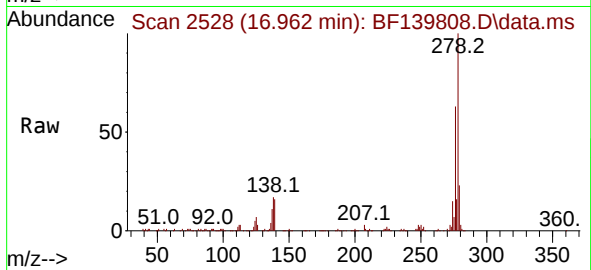
ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 187500  
Ion Ratio Lower Upper  
278 100  
139 15.6 13.0 19.4  
279 23.1 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/16/2024  
Supervised By :mohammad ahmed 10/16/2024



#92  
Benzo(g,h,i)perylene  
Concen: 21.084 ng  
RT: 17.392 min Scan# 2601  
Delta R.T. -0.012 min  
Lab File: BF139808.D  
Acq: 15 Oct 2024 12:46

Tgt Ion:276 Resp: 195611  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.2 27.4  
138 20.8 17.0 25.4

