

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011624\  
 Data File : BF137080.D  
 Acq On : 16 Jan 2024 15:37  
 Operator : CG\JU  
 Sample : IDOC-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 16 15:56:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 68740    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 269167   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 138262   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 246905   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 128848   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.462 | 264  | 130737   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 508884   | 115.508 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.445  | 99   | 623683   | 109.253 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 384057   | 73.013  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 176119   | 108.158 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 775222   | 75.412  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.910 | 244  | 721892   | 78.295  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.622  | 88   | 59574    | 32.454  | ng    | 99       |
| 3) Pyridine                   | 3.399  | 79   | 136189   | 30.408  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 85123    | 35.590  | ng    | 96       |
| 6) Aniline                    | 6.457  | 93   | 171360   | 30.024  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.581  | 128  | 195381   | 40.525  | ng    | 94       |
| 9) Benzaldehyde               | 6.345  | 77   | 49933    | 15.378  | ng    | 98       |
| 10) Phenol                    | 6.457  | 94   | 232948   | 38.226  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 181218   | 39.103  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.728  | 146  | 193446   | 36.781  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 197130   | 36.683  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 187676   | 37.531  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.939  | 79   | 157315   | 40.848  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 283458   | 37.411  | ng    | # 46     |
| 17) 2-Methylphenol            | 7.051  | 107  | 150022   | 37.562  | ng    | 95       |
| 18) Hexachloroethane          | 7.287  | 117  | 70884    | 36.320  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 130445   | 37.695  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 195839   | 39.248  | ng    | # 54     |
| 22) Acetophenone              | 7.198  | 105  | 267330   | 39.624  | ng    | # 90     |
| 24) Nitrobenzene              | 7.375  | 77   | 191880   | 36.415  | ng    | 92       |
| 25) Isophorone                | 7.610  | 82   | 359366   | 37.546  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.686  | 139  | 100855   | 40.005  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 166631   | 54.291  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 226876   | 38.996  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 157504   | 39.860  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 163326   | 37.098  | ng    | 98       |
| 31) Naphthalene               | 8.086  | 128  | 550214   | 37.209  | ng    | 100      |
| 32) Benzoic acid              | 7.886  | 122  | 110825   | 37.319  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.139  | 127  | 116377   | 21.315  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.192  | 225  | 97389    | 36.409  | ng    | 98       |
| 35) Caprolactam               | 8.522  | 113  | 49643m   | 38.083  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 167647   | 37.687  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 359329   | 37.758  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 334792   | 35.858  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 170863   | 39.904  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 83699    | 62.451  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 108603   | 39.549  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011624\  
 Data File : BF137080.D  
 Acq On : 16 Jan 2024 15:37  
 Operator : CG\JU  
 Sample : IDOC-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01

Quant Time: Jan 16 15:56:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
 Supervised By :mohammad ahmed 01/18/2024

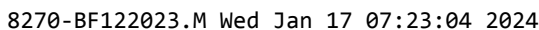
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.116  | 196  | 113654   | 37.141 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 463546   | 39.953 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 330406   | 37.460 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.375  | 65   | 102385   | 37.069 | ng    | 95       |
| 49) Acenaphthylene            | 9.686  | 152  | 525555   | 38.983 | ng    | 100      |
| 50) Dimethylphthalate         | 9.545  | 163  | 386661   | 38.287 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 84684    | 36.948 | ng    | 88       |
| 52) Acenaphthene              | 9.857  | 154  | 318232   | 38.080 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 65927    | 27.154 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 74891    | 59.939 | ng    | 97       |
| 55) Dibenzofuran              | 10.033 | 168  | 472838   | 37.325 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 84907    | 51.804 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.028 | 165  | 105195   | 35.355 | ng    | # 89     |
| 58) Fluorene                  | 10.375 | 166  | 388425   | 38.643 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 91574    | 38.875 | ng    | 96       |
| 60) Diethylphthalate          | 10.251 | 149  | 389210   | 37.144 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204  | 185858   | 38.041 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 74130    | 31.672 | ng    | 94       |
| 63) Azobenzene                | 10.527 | 77   | 358205   | 36.601 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 56279    | 39.773 | ng    | 81       |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 340181   | 42.413 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 113019   | 41.217 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.927 | 284  | 122167   | 39.979 | ng    | 96       |
| 69) Atrazine                  | 11.027 | 200  | 136595   | 66.585 | ng    | 99       |
| 70) Pentachlorophenol         | 11.127 | 266  | 97450    | 68.418 | ng    | 99       |
| 71) Phenanthrene              | 11.345 | 178  | 519591   | 41.013 | ng    | 99       |
| 72) Anthracene                | 11.398 | 178  | 521250   | 40.627 | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 460140   | 38.039 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 588043   | 39.838 | ng    | 99       |
| 75) Fluoranthene              | 12.539 | 202  | 498868   | 36.813 | ng    | 99       |
| 77) Benzidine                 | 12.663 | 184  | 67933    | 17.881 | ng    | 99       |
| 78) Pyrene                    | 12.769 | 202  | 495555   | 39.179 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.386 | 149  | 190518   | 41.395 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.968 | 228  | 369000   | 41.243 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 105910   | 41.682 | ng    | 97       |
| 83) Chrysene                  | 14.004 | 228  | 343406   | 39.250 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 266821   | 46.077 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.563 | 149  | 425102   | 47.458 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 455647   | 48.271 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 361301   | 41.376 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 327086   | 39.642 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.404 | 252  | 314262   | 42.636 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.015 | 278  | 383436   | 49.513 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 381193   | 48.060 | ng    | 97       |

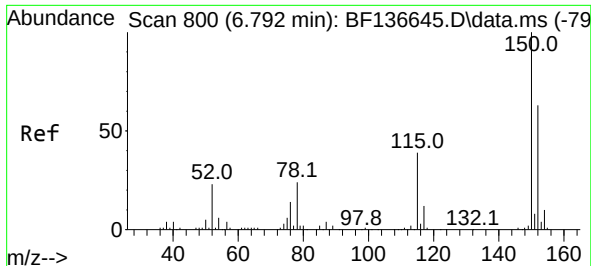
(#) = qualifier out of range (m) = manual integration (+) = signals summed

## Manual Integrations

Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

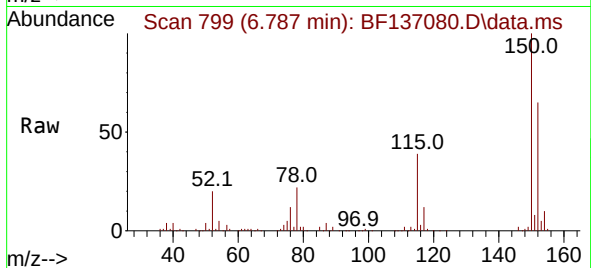
Quant Time: Jan 16 15:56:08 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.787 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

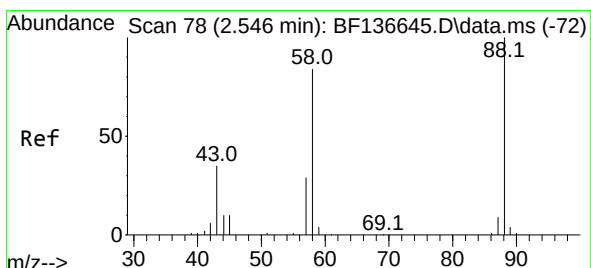
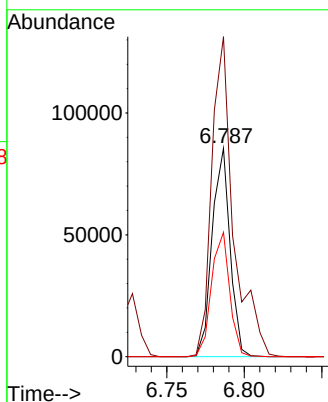
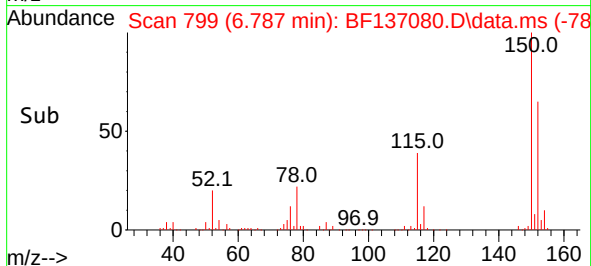
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:152 Resp: 68740  
Ion Ratio Lower Upper  
152 100  
150 153.6 127.0 190.6  
115 59.7 49.0 73.4

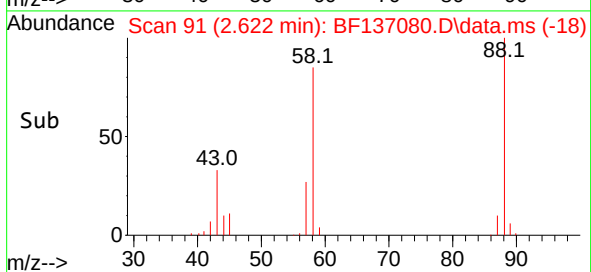
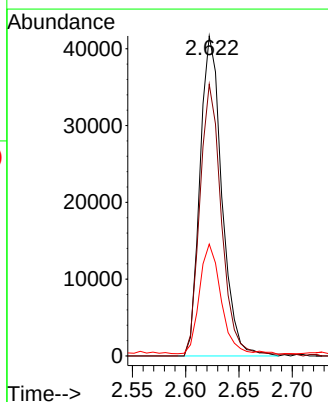
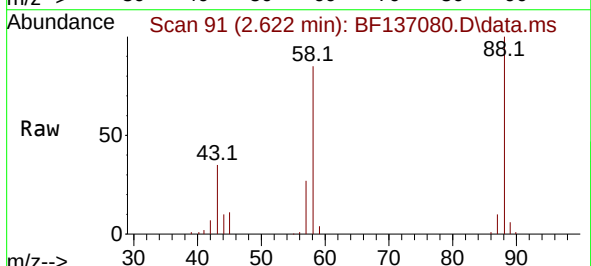
Manual Integrations  
APPROVED

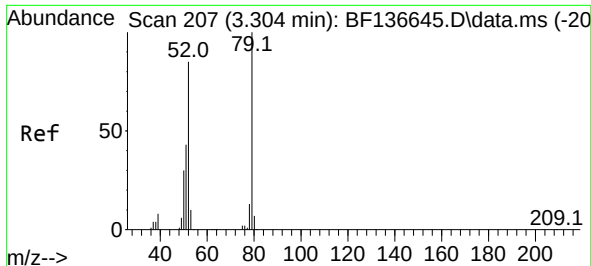
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#2  
1,4-Dioxane  
Concen: 32.454 ng  
RT: 2.622 min Scan# 91  
Delta R.T. 0.077 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion: 88 Resp: 59574  
Ion Ratio Lower Upper  
88 100  
58 84.5 67.4 101.0  
43 33.4 27.7 41.5





#3

Pyridine

Concen: 30.408 ng

RT: 3.399 min Scan# 217

Delta R.T. 0.094 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

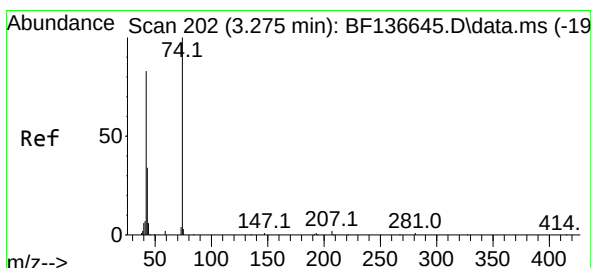
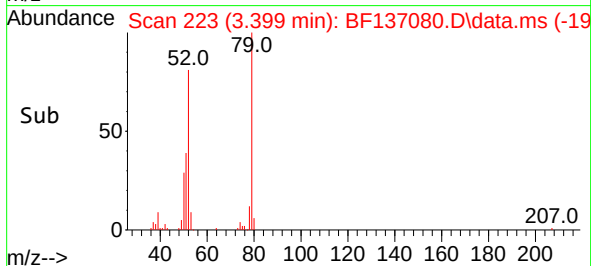
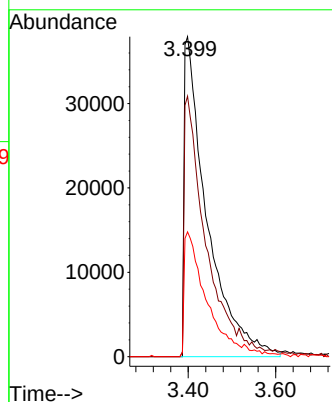
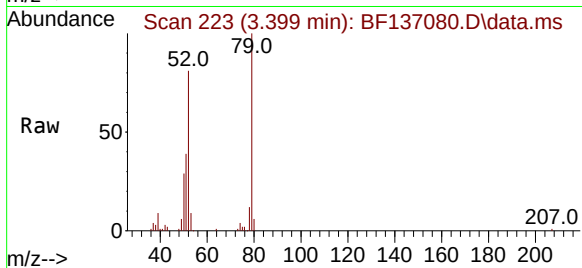
Tgt Ion: 79 Resp: 136189  
 Ion Ratio Lower Upper  
 79 100  
 52 81.4 67.7 101.5  
 51 39.0 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#4

n-Nitrosodimethylamine

Concen: 35.590 ng

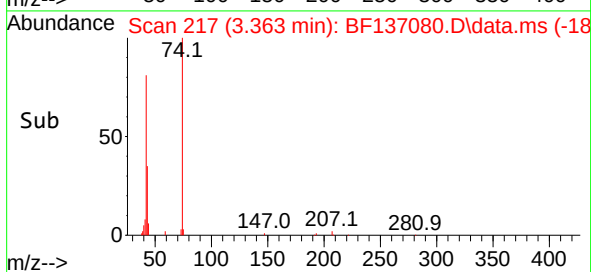
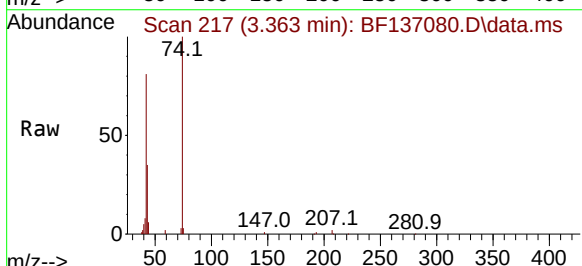
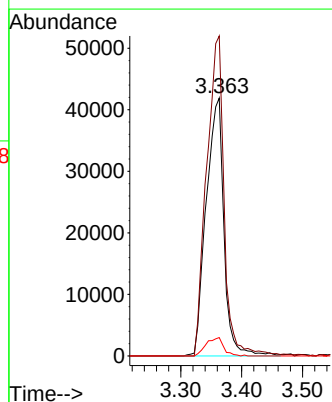
RT: 3.363 min Scan# 217

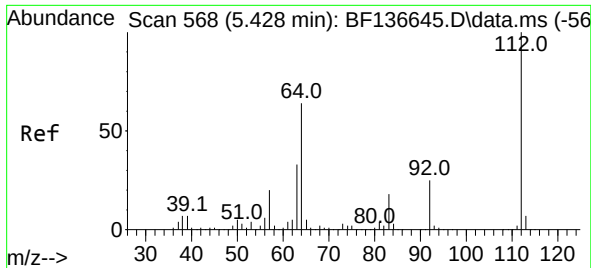
Delta R.T. 0.088 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Tgt Ion: 42 Resp: 85123  
 Ion Ratio Lower Upper  
 42 100  
 74 124.1 96.0 144.0  
 44 7.1 5.4 8.2





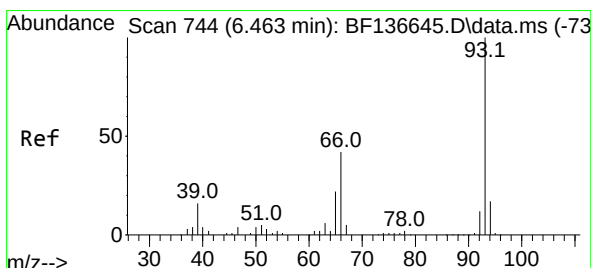
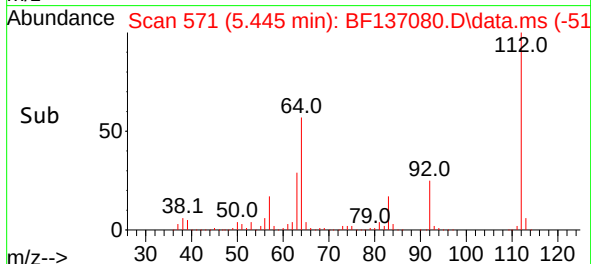
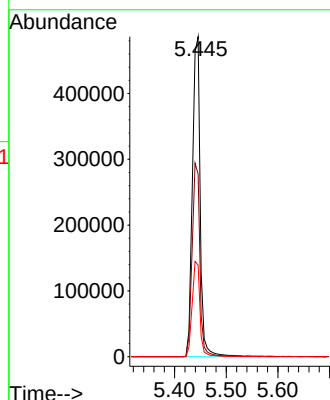
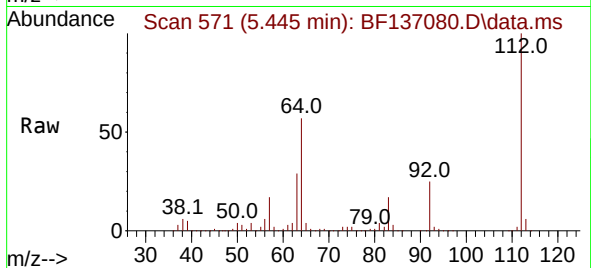
#5  
2-Fluorophenol  
Concen: 115.508 ng  
RT: 5.445 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

Tgt Ion:112 Resp: 508884  
Ion Ratio Lower Upper  
112 100  
64 57.1 51.1 76.7  
63 28.6 26.1 39.1

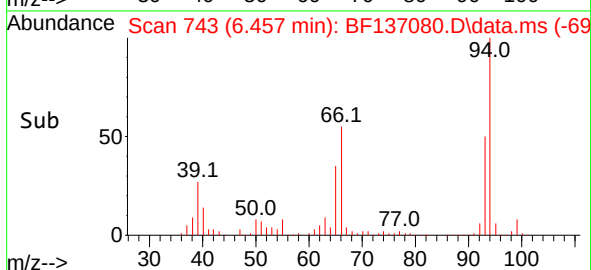
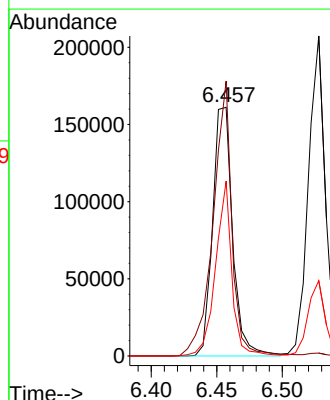
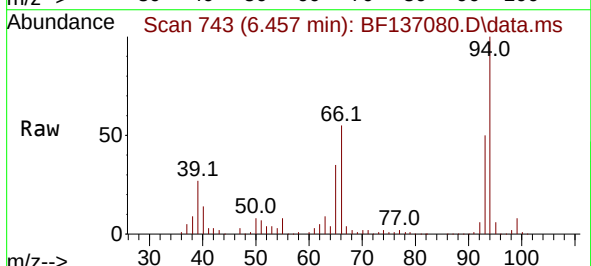
Manual Integrations  
APPROVED

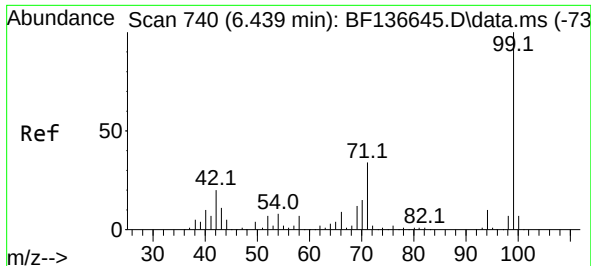
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#6  
Aniline  
Concen: 30.024 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion: 93 Resp: 171360  
Ion Ratio Lower Upper  
93 100  
66 110.5 34.6 51.8#  
65 70.3 17.8 26.8#





#7

Phenol-d6

Concen: 109.253 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

Tgt Ion: 99 Resp: 62368

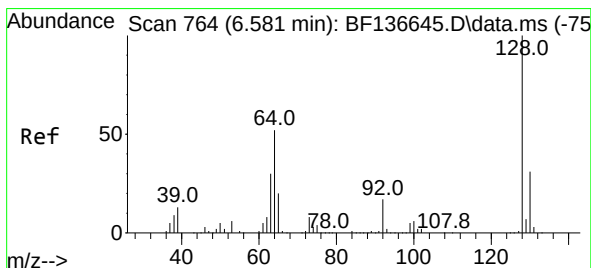
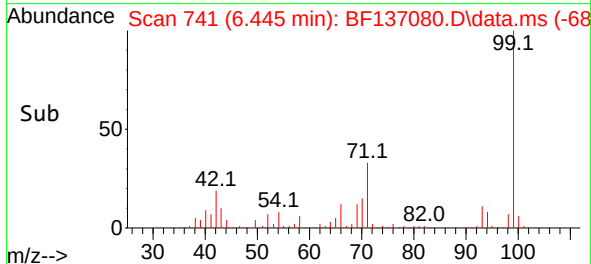
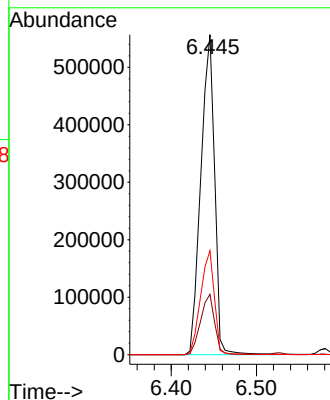
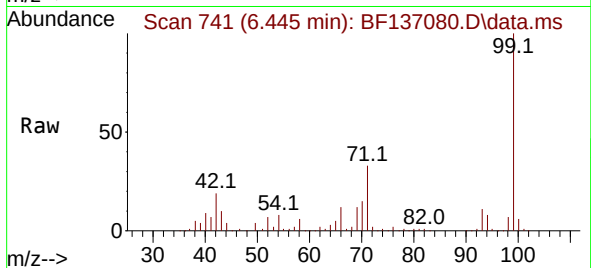
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 16.1  | 24.1  |
| 71  | 32.5  | 27.4  | 41.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#8

2-Chlorophenol

Concen: 40.525 ng

RT: 6.581 min Scan# 764

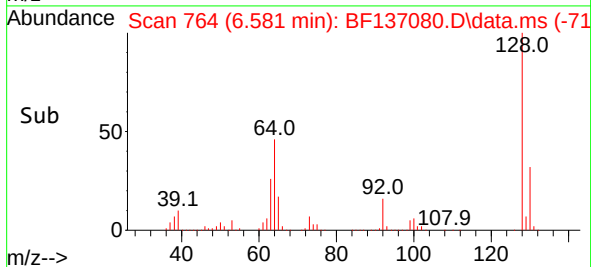
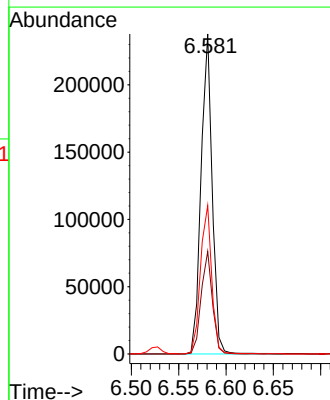
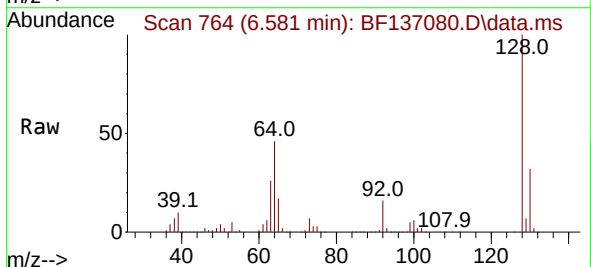
Delta R.T. 0.000 min

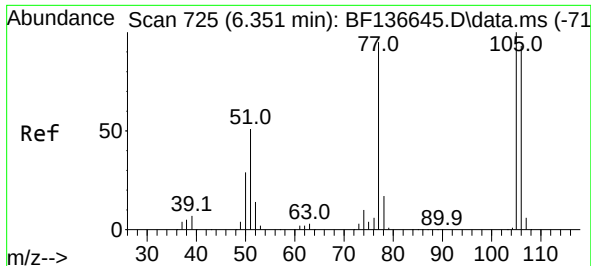
Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Tgt Ion:128 Resp: 195381

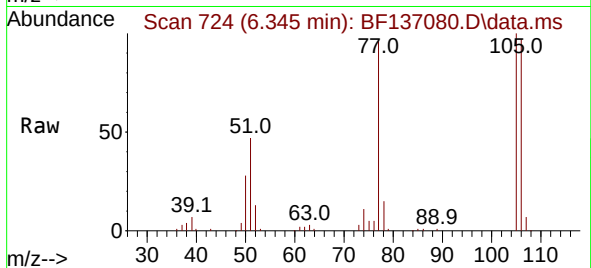
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 11.3  | 51.3  |
| 64  | 46.4  | 32.5  | 72.5  |





#9  
Benzaldehyde  
Concen: 15.378 ng  
RT: 6.345 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

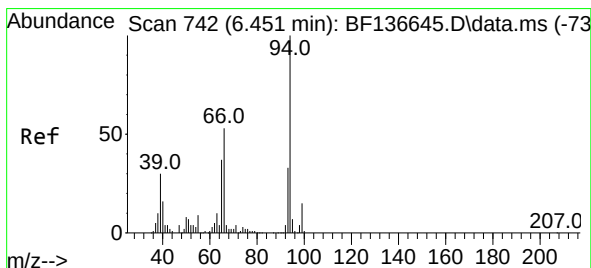
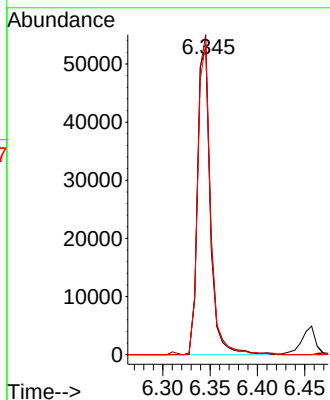
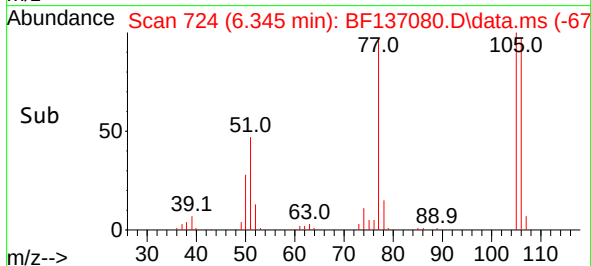
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



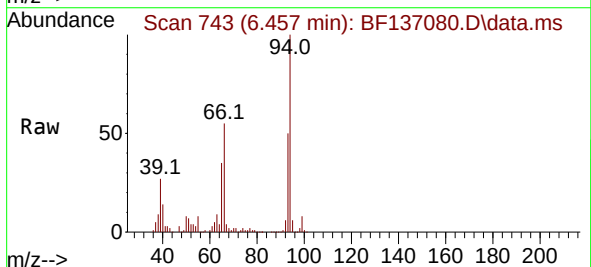
Tgt Ion: 77 Resp: 4993  
Ion Ratio Lower Upper  
77 100  
105 104.1 84.8 124.8  
106 101.1 77.8 117.8

Manual Integrations  
APPROVED

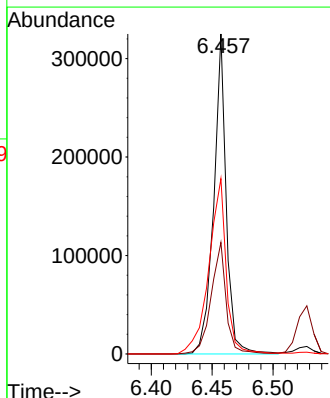
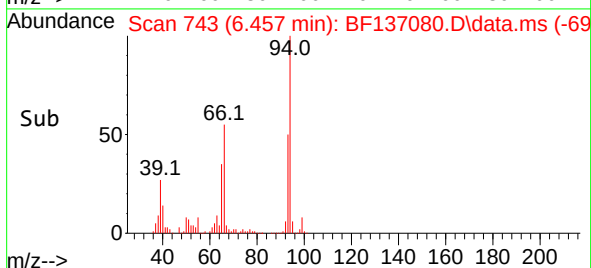
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



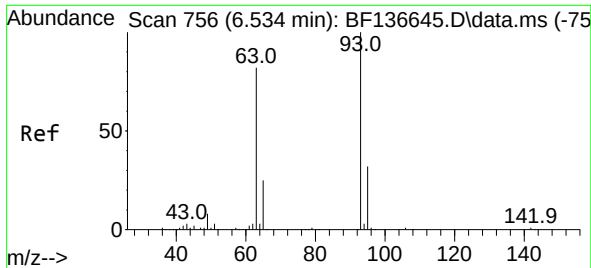
#10  
Phenol  
Concen: 38.226 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



Tgt Ion: 94 Resp: 232948  
Ion Ratio Lower Upper  
94 100  
65 34.9 16.6 56.6  
66 54.8 32.6 72.6

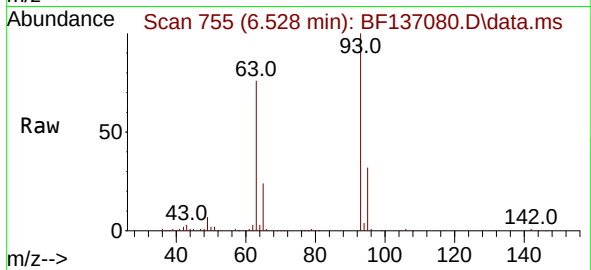






#11  
bis(2-Chloroethyl)ether  
Concen: 39.103 ng  
RT: 6.528 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

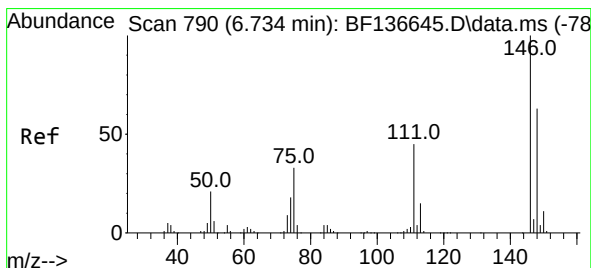
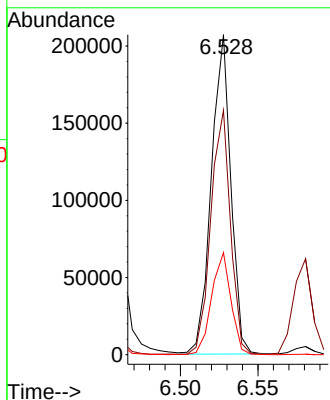
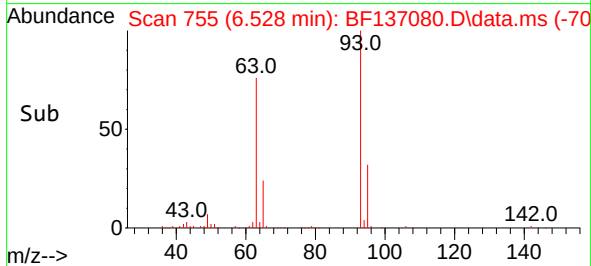
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion: 93 Resp: 181218  
Ion Ratio Lower Upper  
93 100  
63 76.4 61.2 101.2  
95 31.9 11.6 51.6

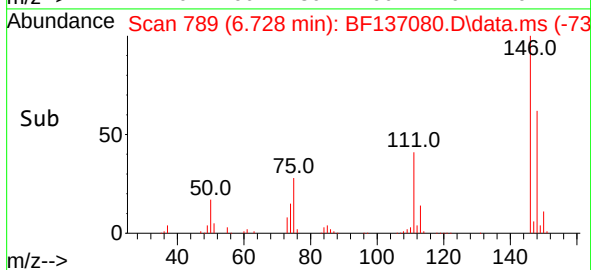
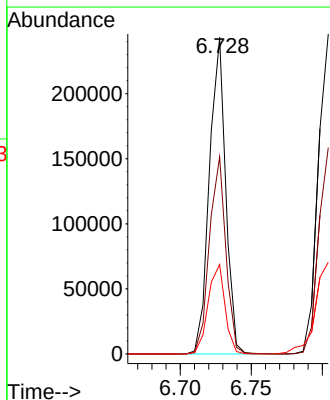
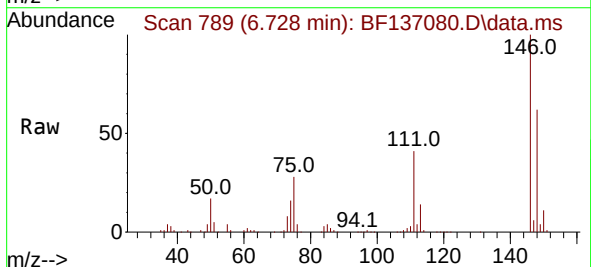
Manual Integrations  
APPROVED

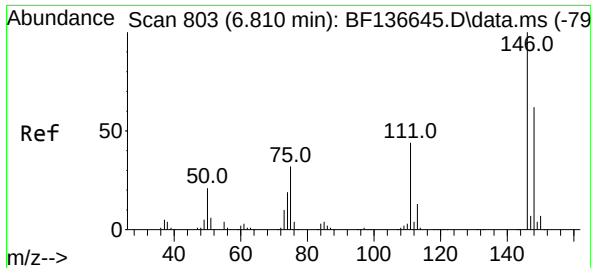
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#12  
1,3-Dichlorobenzene  
Concen: 36.781 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

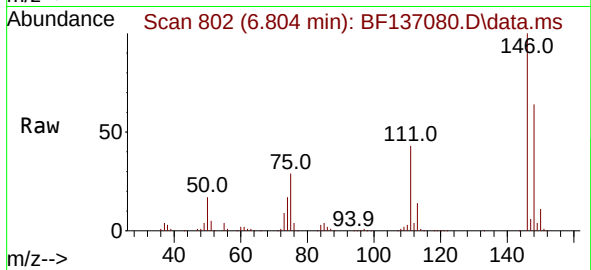
Tgt Ion:146 Resp: 193446  
Ion Ratio Lower Upper  
146 100  
148 62.3 50.5 75.7  
75 28.2 26.2 39.4





#13  
1,4-Dichlorobenzene  
Concen: 36.683 ng  
RT: 6.804 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

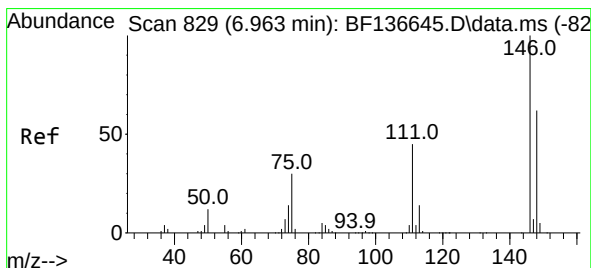
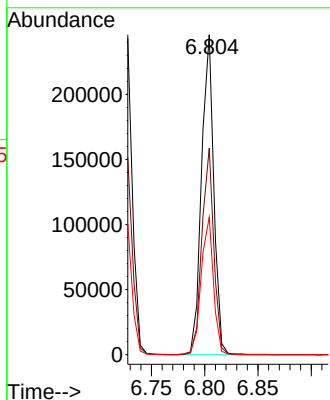
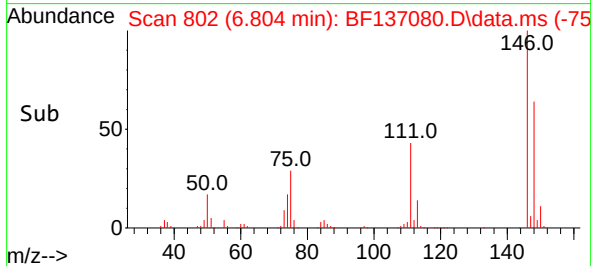
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



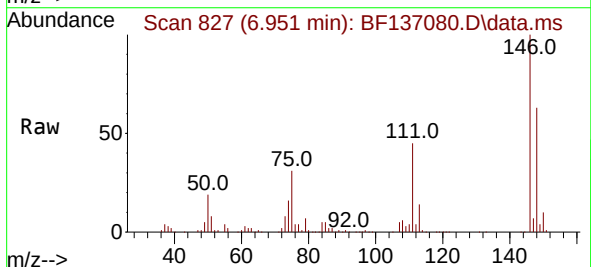
Tgt Ion:146 Resp: 197130  
Ion Ratio Lower Upper  
146 100  
148 64.5 49.2 73.8  
111 43.0 35.2 52.8

Manual Integrations  
APPROVED

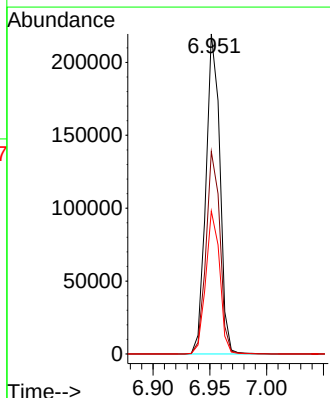
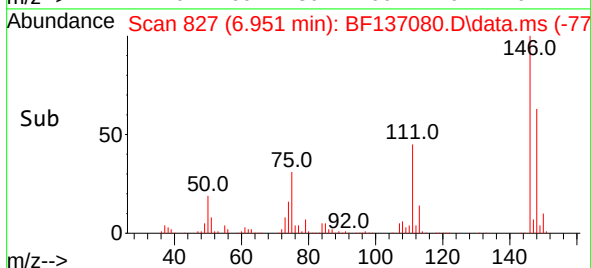
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

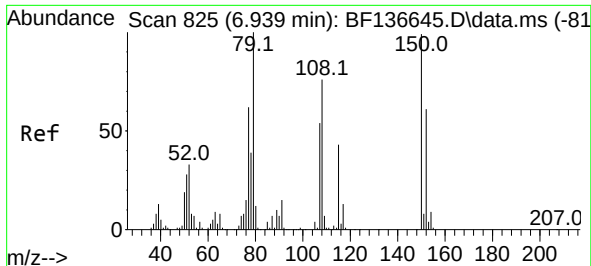


#14  
1,2-Dichlorobenzene  
Concen: 37.531 ng  
RT: 6.951 min Scan# 827  
Delta R.T. -0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



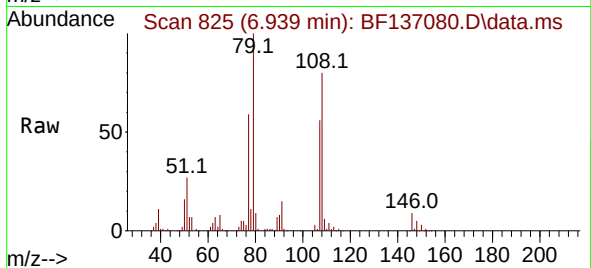
Tgt Ion:146 Resp: 187676  
Ion Ratio Lower Upper  
146 100  
148 63.2 49.6 74.4  
111 44.6 36.2 54.2





#15  
Benzyl Alcohol  
Concen: 40.848 ng  
RT: 6.939 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

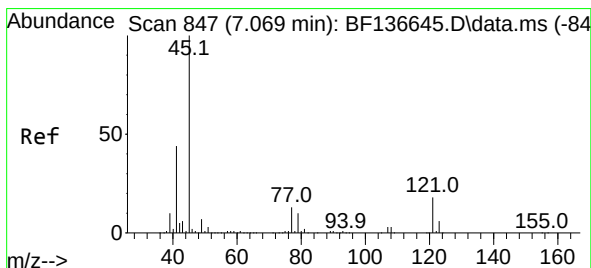
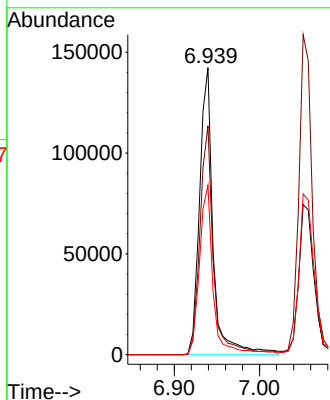
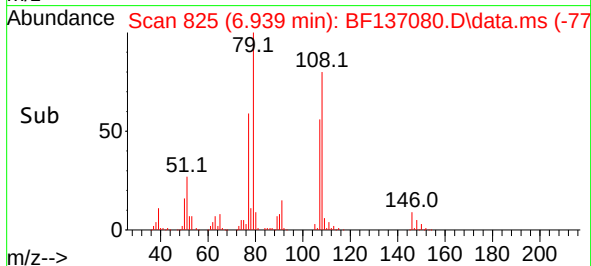
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion: 79 Resp: 157315  
Ion Ratio Lower Upper  
79 100  
108 79.7 61.0 91.6  
77 59.0 49.8 74.8

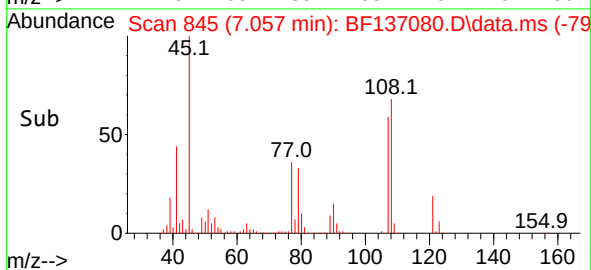
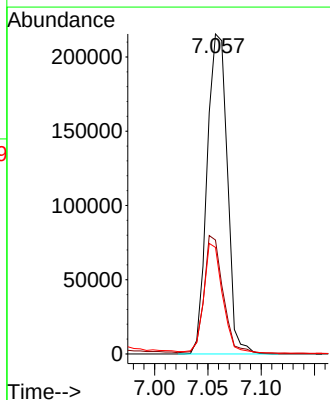
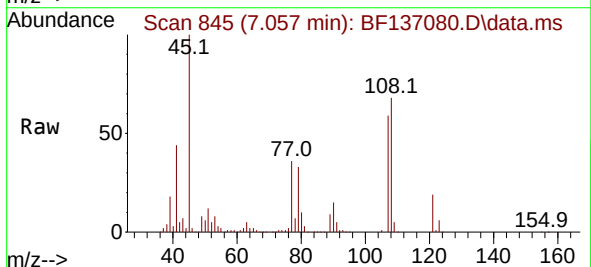
Manual Integrations  
APPROVED

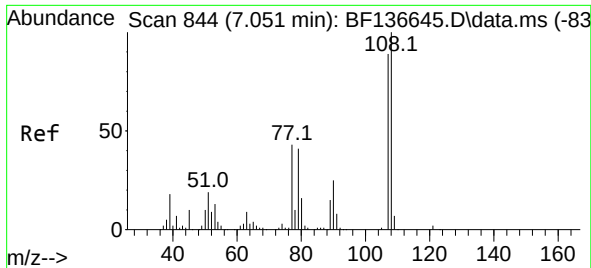
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.411 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

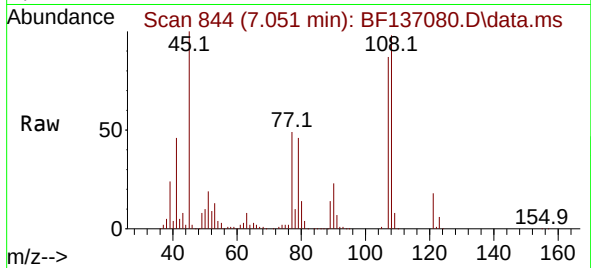
Tgt Ion: 45 Resp: 283458  
Ion Ratio Lower Upper  
45 100  
77 35.6 0.0 34.3#  
79 33.3 0.0 31.4#





#17  
2-Methylphenol  
Concen: 37.562 ng  
RT: 7.051 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

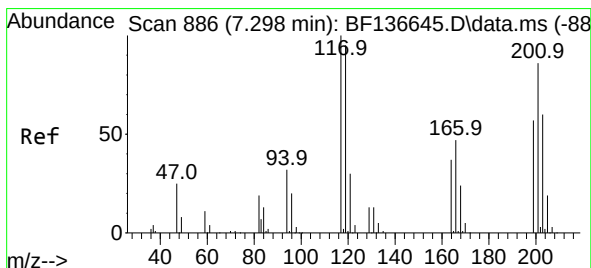
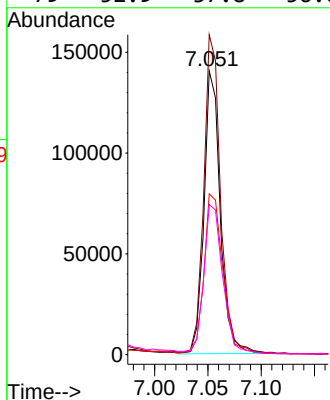
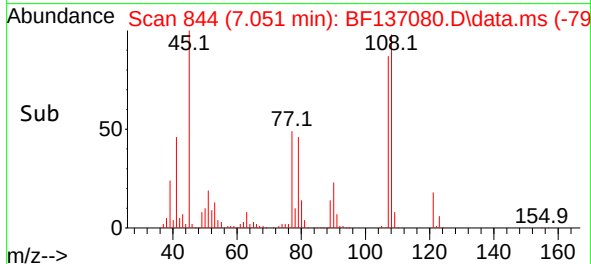
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:107 Resp: 15002  
Ion Ratio Lower Upper  
107 100  
108 112.7 90.3 135.5  
77 56.6 38.7 58.1  
79 52.9 37.8 56.6

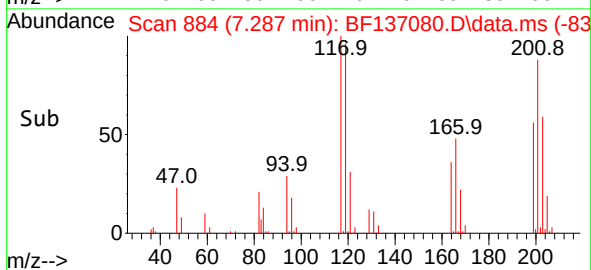
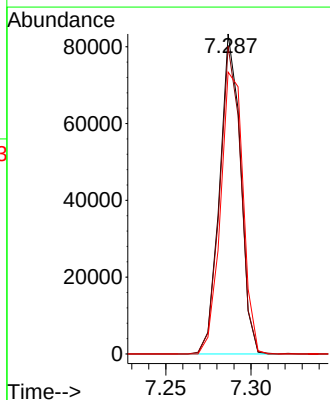
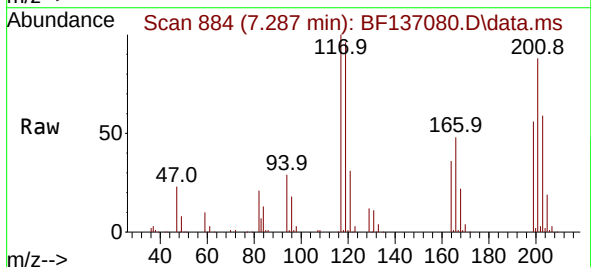
Manual Integrations  
APPROVED

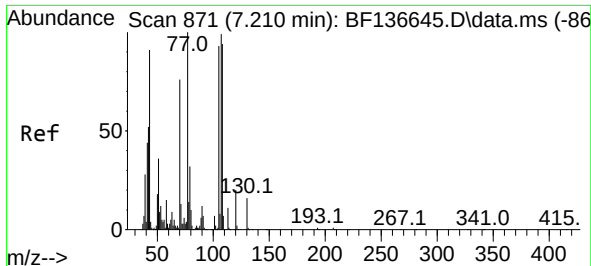
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#18  
Hexachloroethane  
Concen: 36.320 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

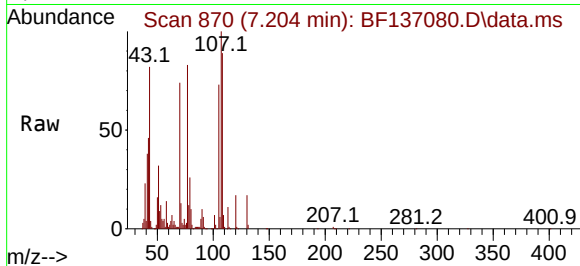
Tgt Ion:117 Resp: 70884  
Ion Ratio Lower Upper  
117 100  
119 96.1 75.8 113.6  
201 88.1 69.1 103.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.695 ng  
RT: 7.204 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

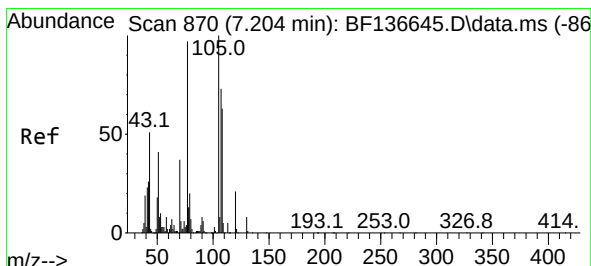
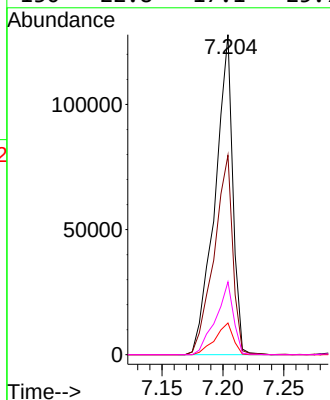
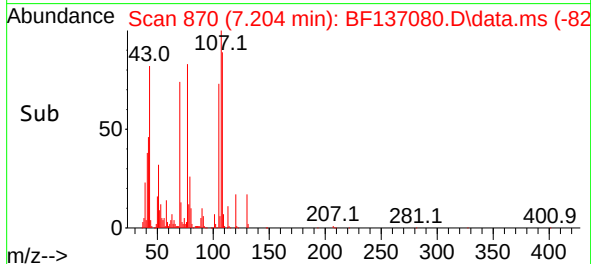
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion: 70 Resp: 13044  
Ion Ratio Lower Upper  
70 100  
42 62.3 54.2 81.4  
101 9.9 7.6 11.4  
130 22.8 17.1 25.7

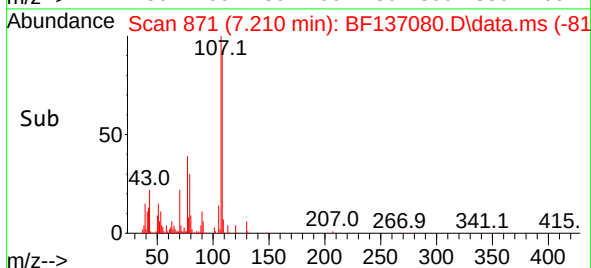
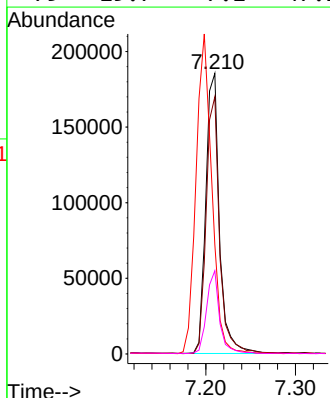
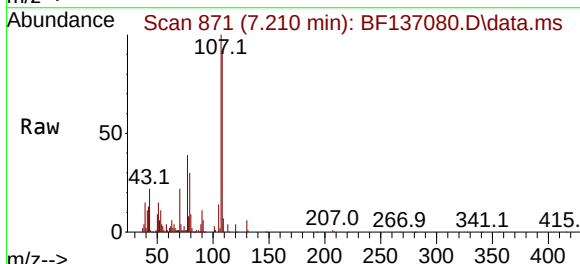
Manual Integrations  
APPROVED

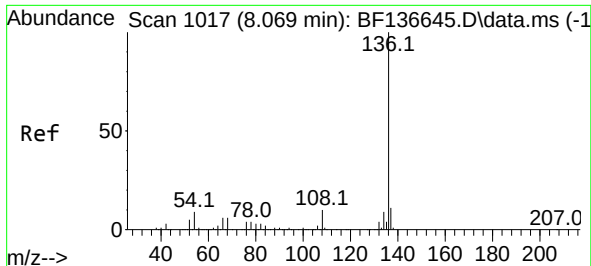
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#20  
3+4-Methylphenols  
Concen: 39.248 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:107 Resp: 195839  
Ion Ratio Lower Upper  
107 100  
108 91.7 66.0 106.0  
77 39.0 114.2 154.2#  
79 29.7 7.2 47.2





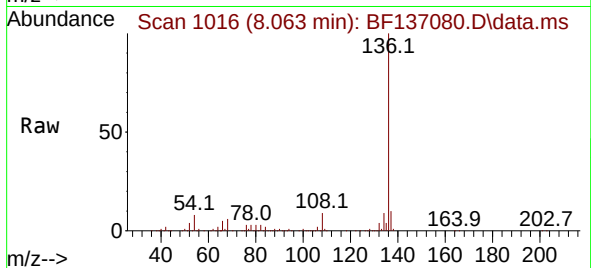
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01



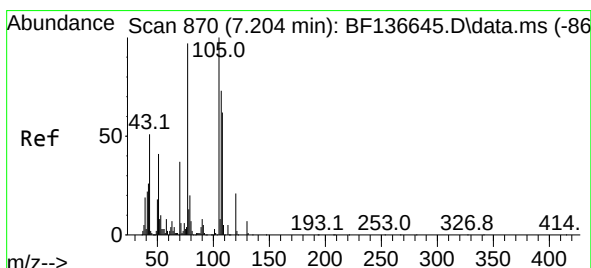
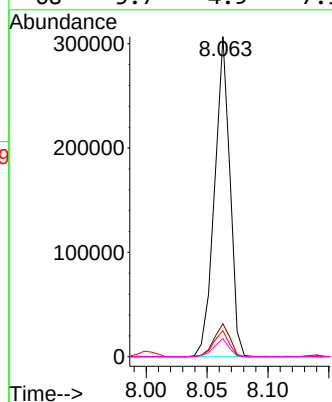
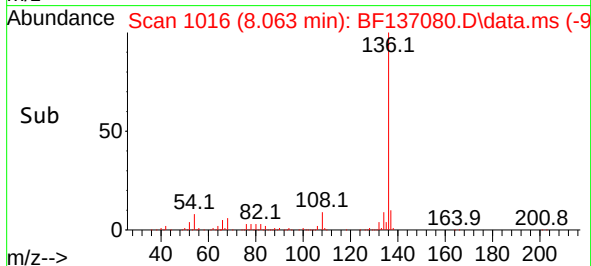
Tgt Ion:136 Resp: 26916  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.0 13.4  
54 8.1 7.2 10.8  
68 5.7 4.9 7.3

Manual Integrations

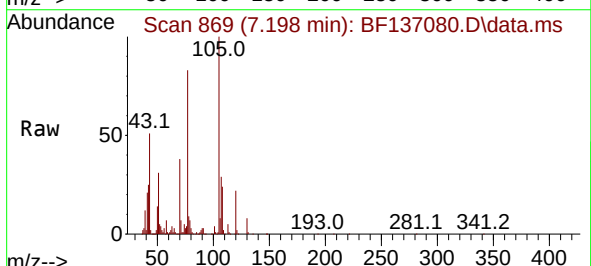
APPROVED

Reviewed By :Yogesh Patel 01/18/2024

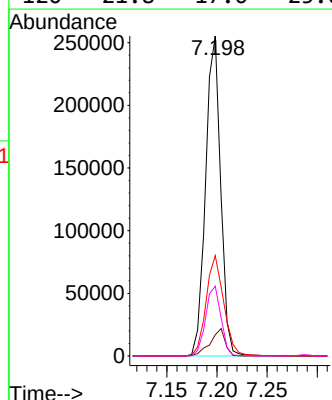
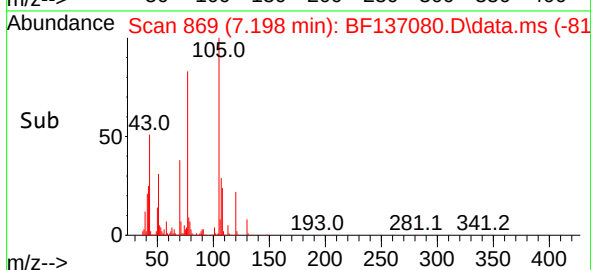
Supervised By :mohammad ahmed 01/18/2024

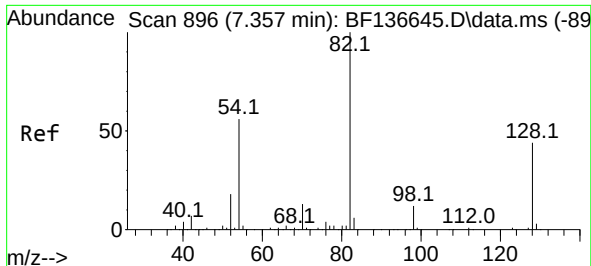


#22  
Acetophenone  
Concen: 39.624 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



Tgt Ion:105 Resp: 267330  
Ion Ratio Lower Upper  
105 100  
71 6.6 4.8 7.2  
51 31.4 32.8 49.2#  
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.013 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

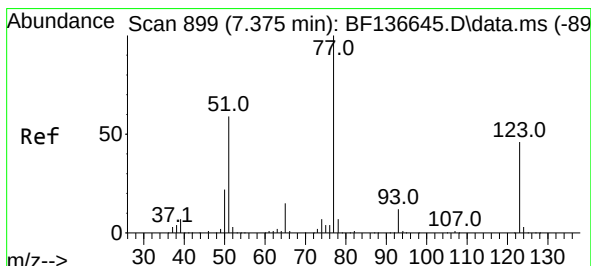
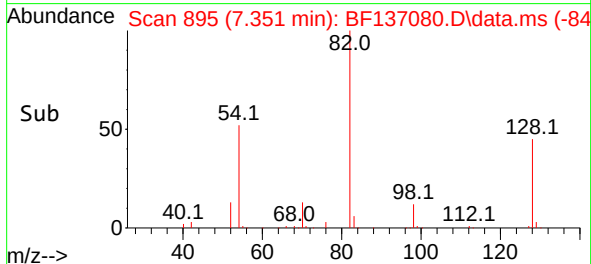
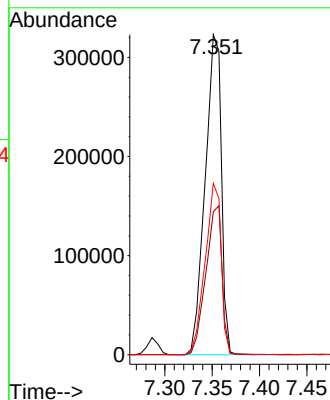
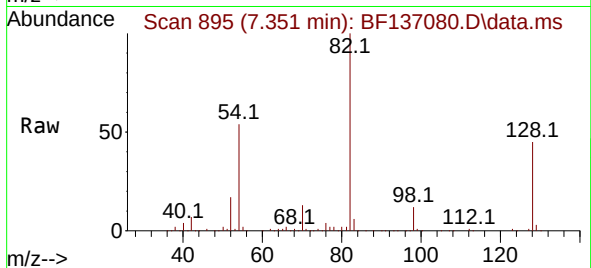
IDOC-01

Tgt Ion: 82 Resp: 38405  
 Ion Ratio Lower Upper  
 82 100  
 128 44.7 35.3 52.9  
 54 53.5 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
 Supervised By :mohammad ahmed 01/18/2024



#24

Nitrobenzene

Concen: 36.415 ng

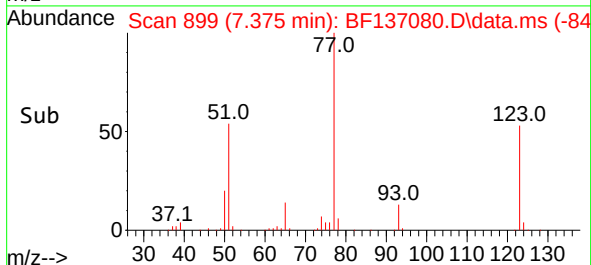
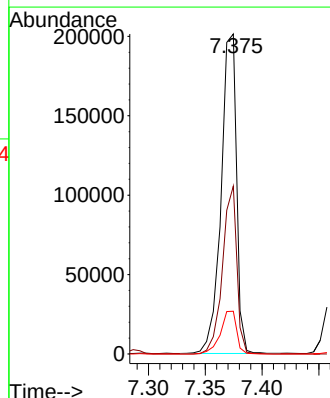
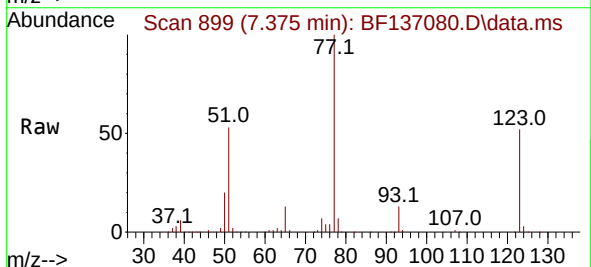
RT: 7.375 min Scan# 899

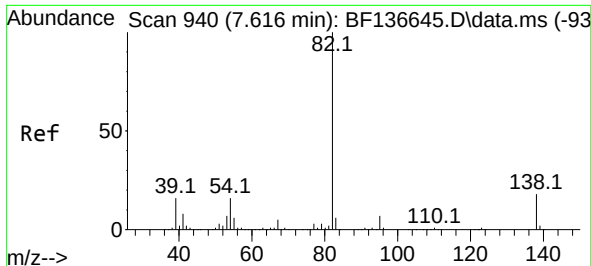
Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Tgt Ion: 77 Resp: 191880  
 Ion Ratio Lower Upper  
 77 100  
 123 52.4 36.7 55.1  
 65 13.3 11.8 17.6





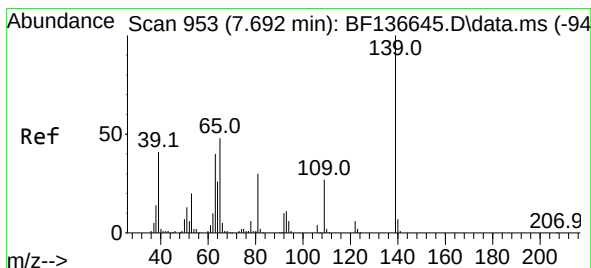
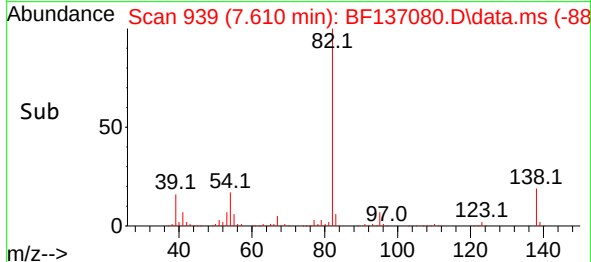
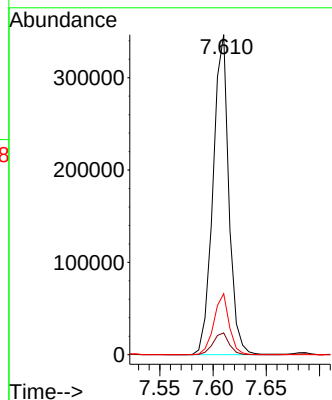
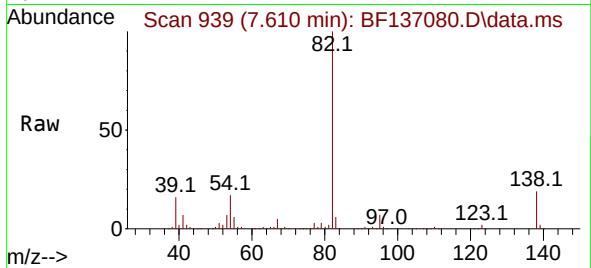
#25  
Isophorone  
Concen: 37.546 ng  
RT: 7.610 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

Tgt Ion: 82 Resp: 359360  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 19.1 14.5 21.7

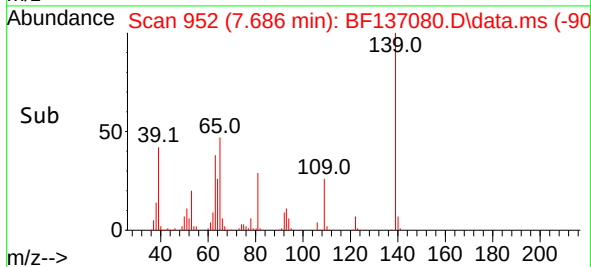
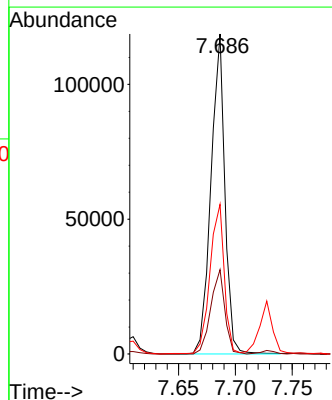
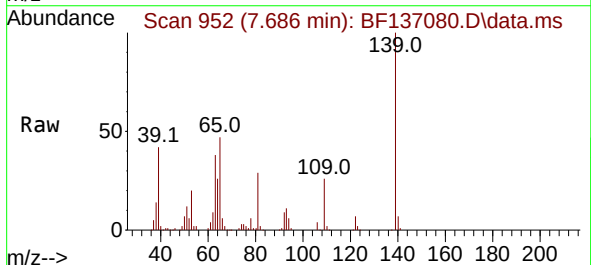
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

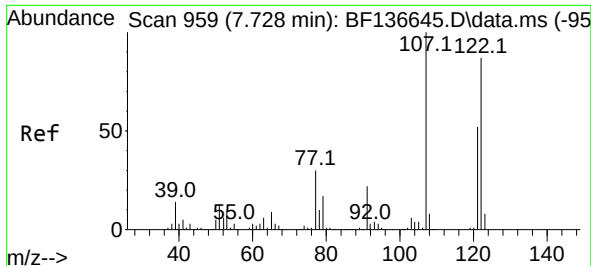


#26  
2-Nitrophenol  
Concen: 40.005 ng  
RT: 7.686 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:139 Resp: 100855  
Ion Ratio Lower Upper  
139 100  
109 26.3 21.9 32.9  
65 46.8 38.6 58.0







#27

2,4-Dimethylphenol

Concen: 54.291 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137080.D

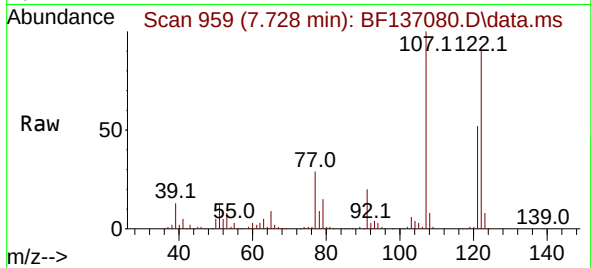
Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01



Tgt Ion:122 Resp: 16663

Ion Ratio Lower Upper

122 100

107 111.3 92.0 138.0

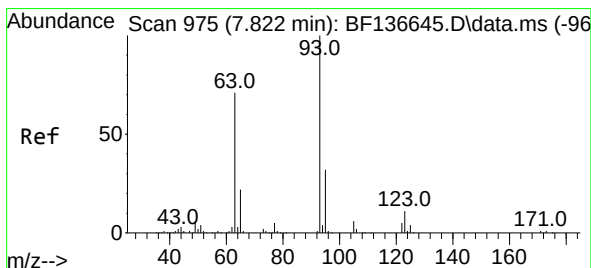
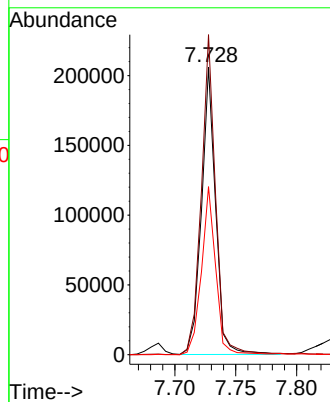
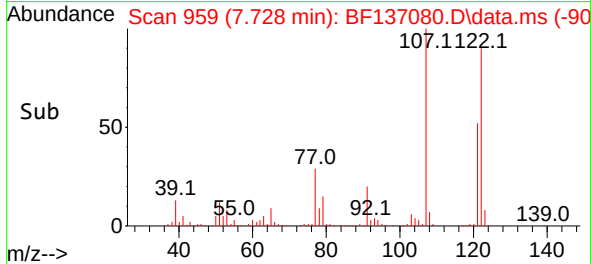
121 58.4 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.996 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

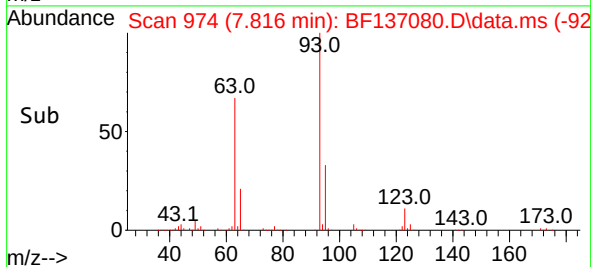
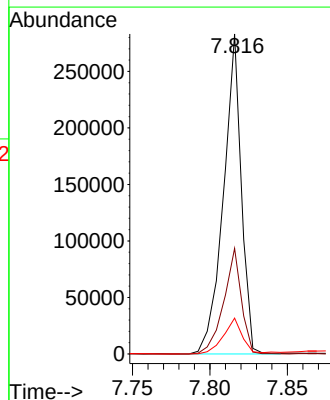
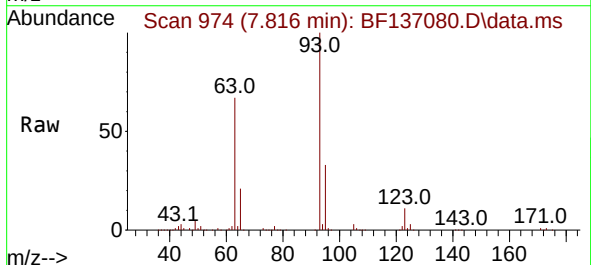
Tgt Ion: 93 Resp: 226876

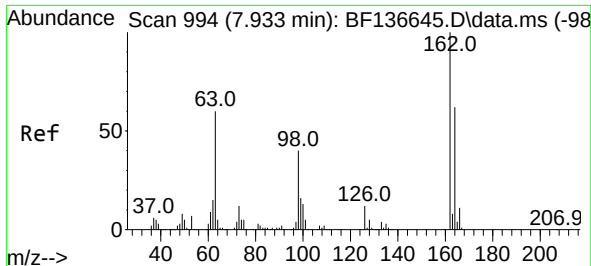
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.860 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

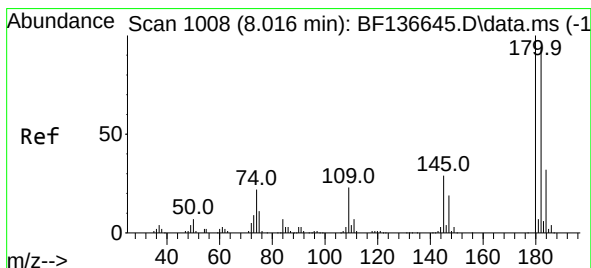
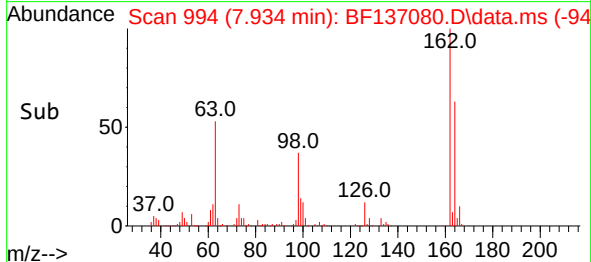
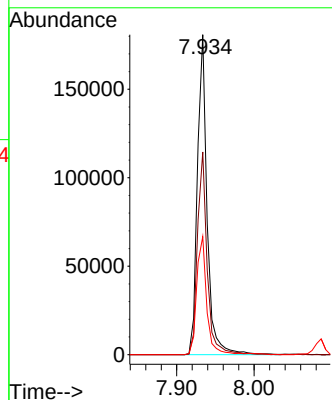
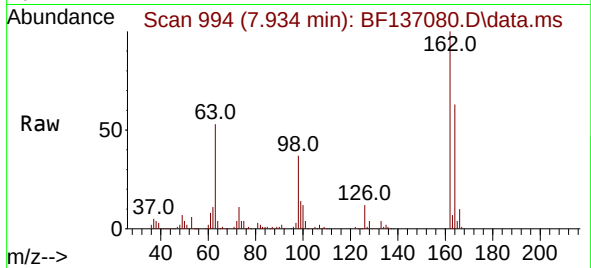
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 157504 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.4  | 41.7  | 81.7   |
| 98        | 36.9  | 19.5  | 59.5   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.098 ng

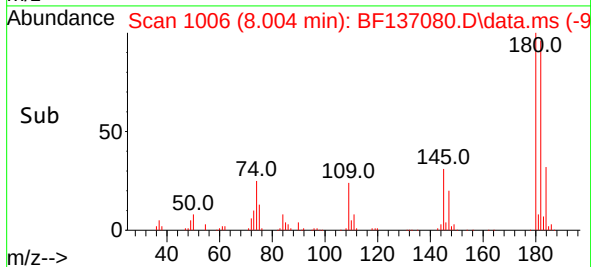
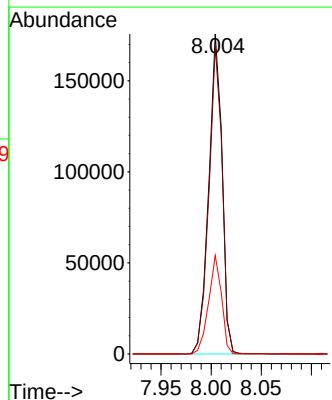
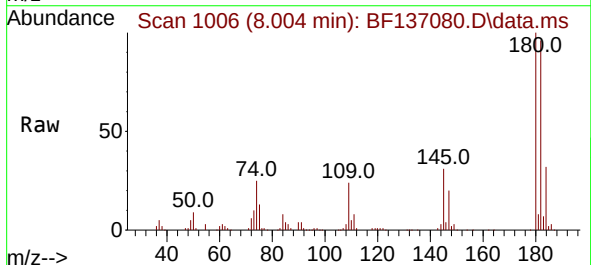
RT: 8.004 min Scan# 1006

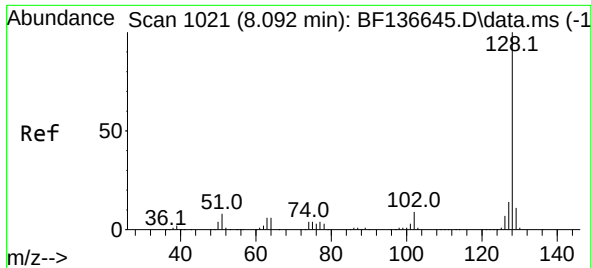
Delta R.T. -0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

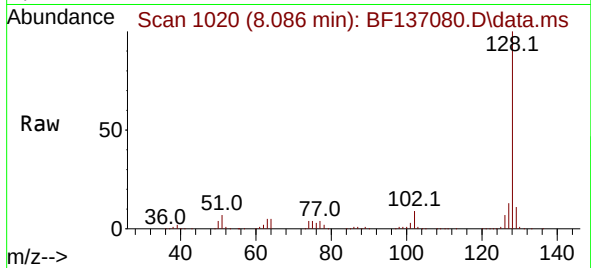
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 163326 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.2  | 75.4  | 113.0  |
| 145       | 30.8  | 23.1  | 34.7   |





#31  
Naphthalene  
Concen: 37.209 ng  
RT: 8.086 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

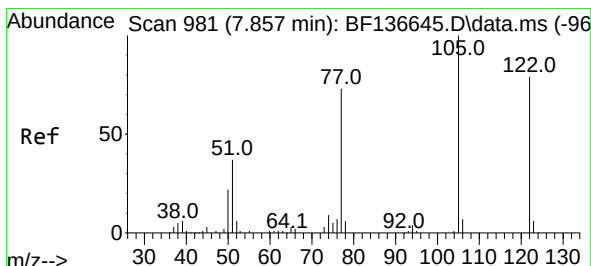
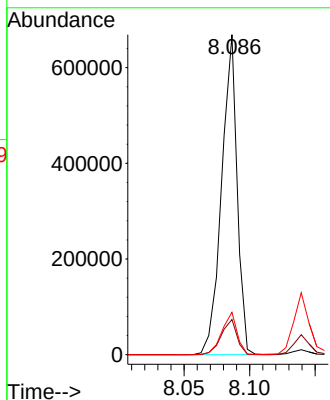
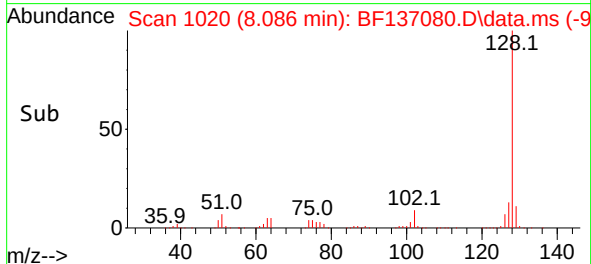
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:128 Resp: 550214  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.2 10.8 16.2

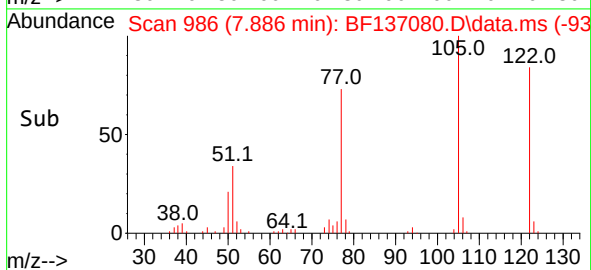
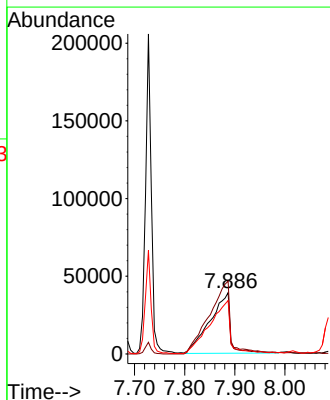
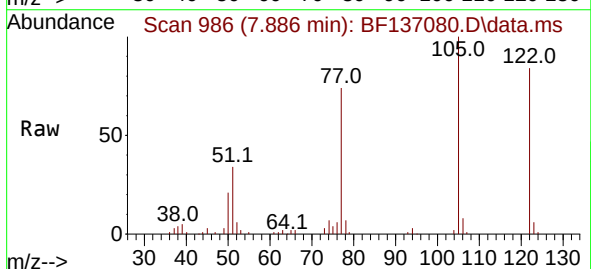
Manual Integrations  
APPROVED

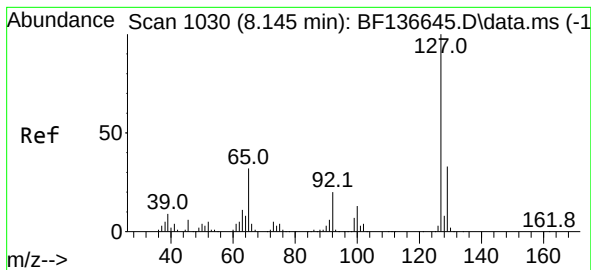
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#32  
Benzoic acid  
Concen: 37.319 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.030 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:122 Resp: 110825  
Ion Ratio Lower Upper  
122 100  
105 118.6 100.8 140.8  
77 87.3 70.9 110.9





#33  
4-Chloroaniline  
Concen: 21.315 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

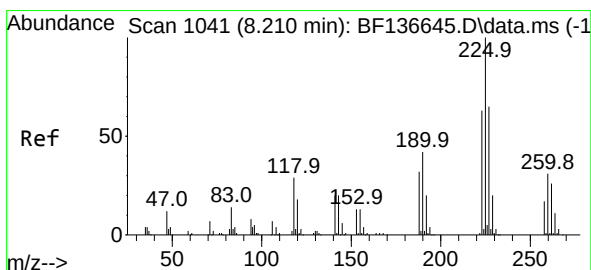
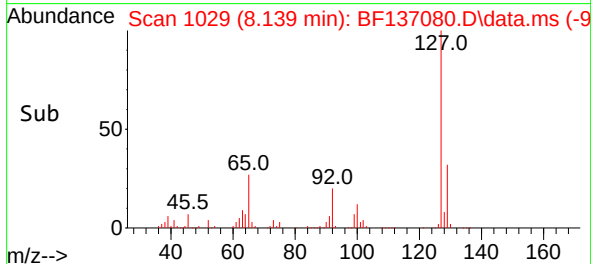
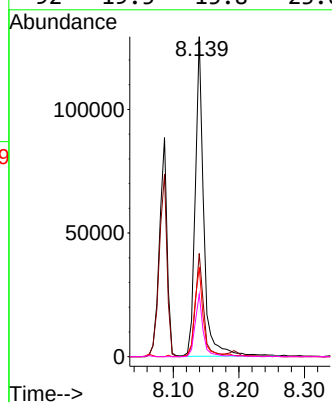
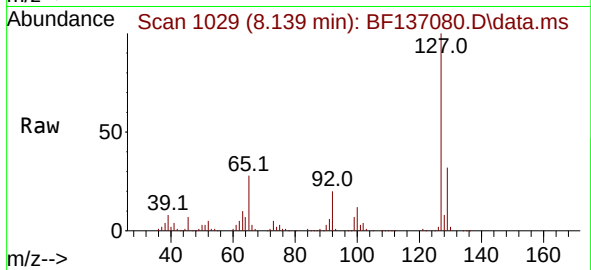
IDOC-01

Tgt Ion:127 Resp: 11637  
Ion Ratio Lower Upper  
127 100  
129 32.2 26.3 39.5  
65 27.9 25.8 38.8  
92 19.5 15.8 23.6

Manual Integrations

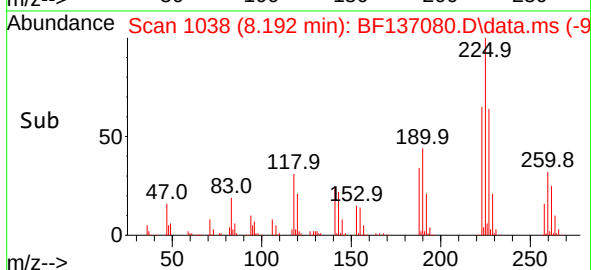
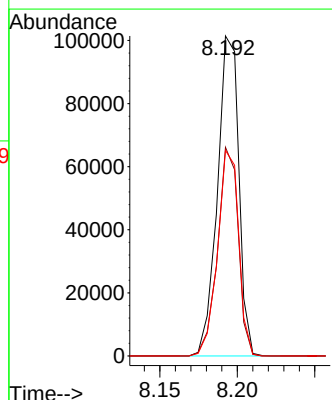
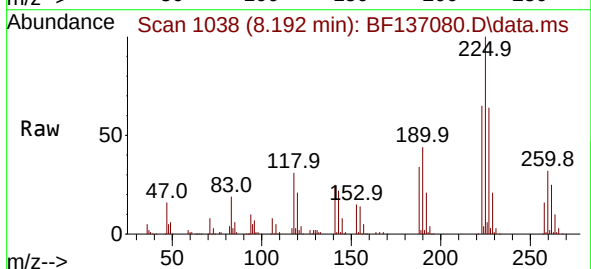
APPROVED

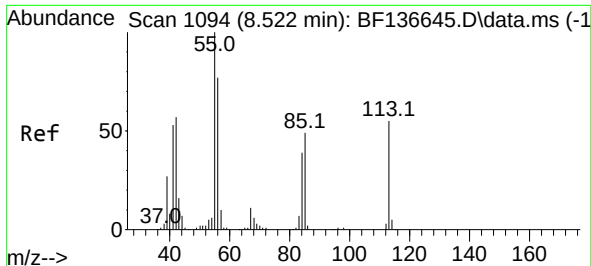
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#34  
Hexachlorobutadiene  
Concen: 36.409 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.018 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

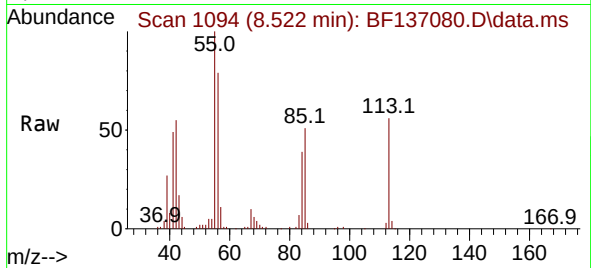
Tgt Ion:225 Resp: 97389  
Ion Ratio Lower Upper  
225 100  
223 65.2 50.6 76.0  
227 64.2 51.9 77.9





#35  
Caprolactam  
Concen: 38.083 ng m  
RT: 8.522 min Scan# 1094  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

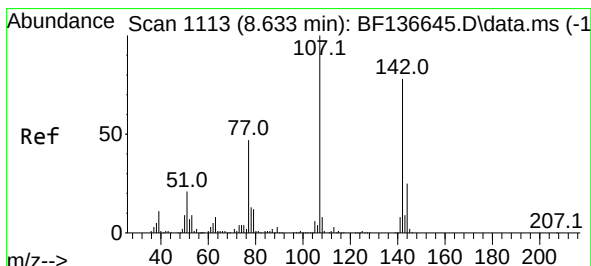
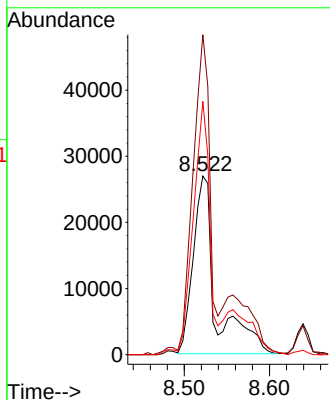
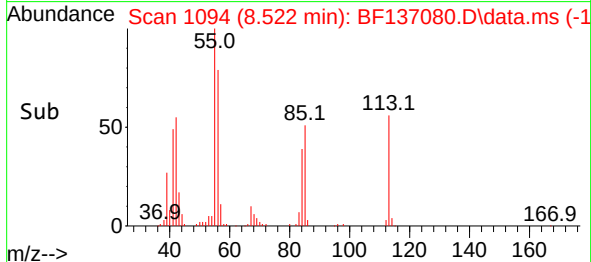
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



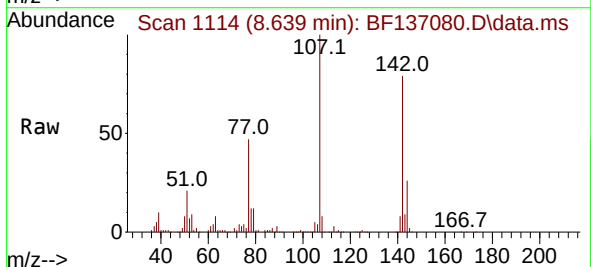
Tgt Ion:113 Resp: 4964  
Ion Ratio Lower Upper  
113 100  
55 179.2 163.1 203.1  
56 141.9 121.7 161.7

Manual Integrations  
APPROVED

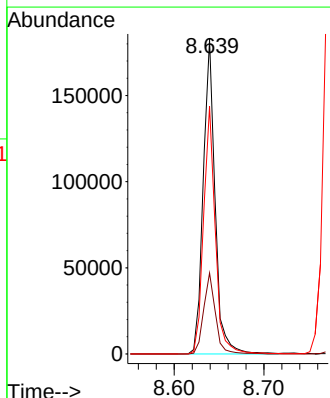
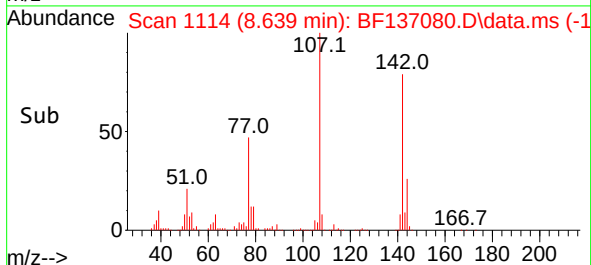
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

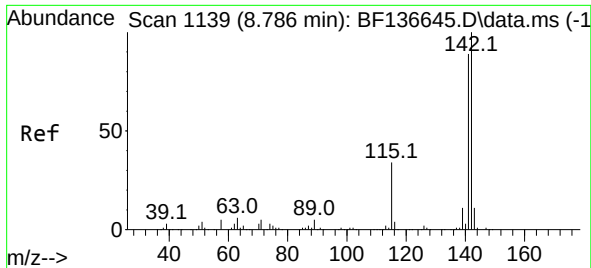


#36  
4-Chloro-3-methylphenol  
Concen: 37.687 ng  
RT: 8.639 min Scan# 1114  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



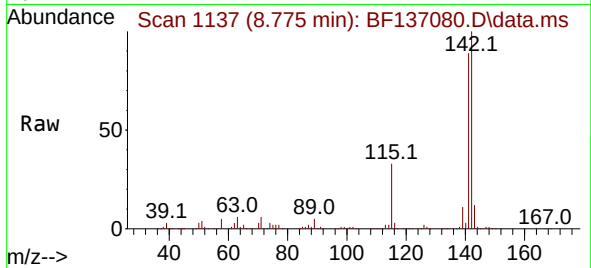
Tgt Ion:107 Resp: 167647  
Ion Ratio Lower Upper  
107 100  
144 25.7 20.2 30.2  
142 78.7 62.3 93.5





#37  
2-Methylnaphthalene  
Concen: 37.758 ng  
RT: 8.775 min Scan# 1137  
Delta R.T. -0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

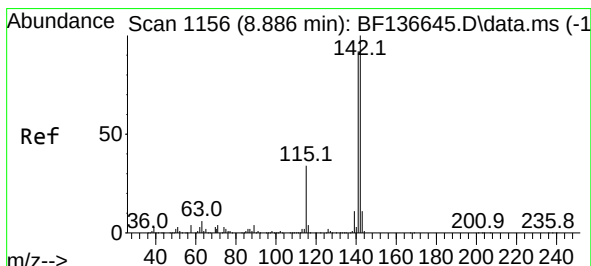
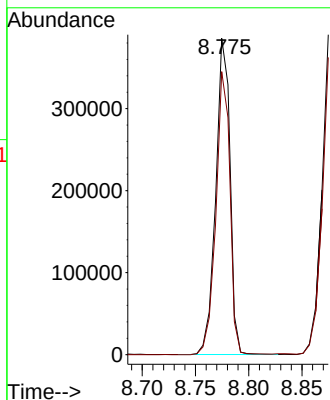
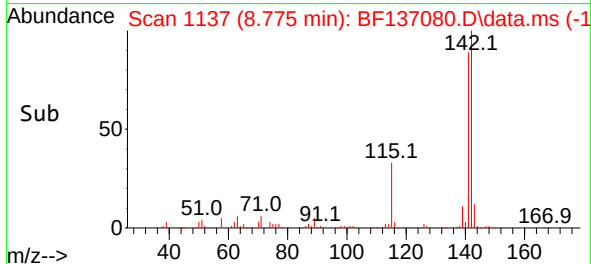
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:142 Resp: 359329  
Ion Ratio Lower Upper  
142 100  
141 89.5 71.1 106.7

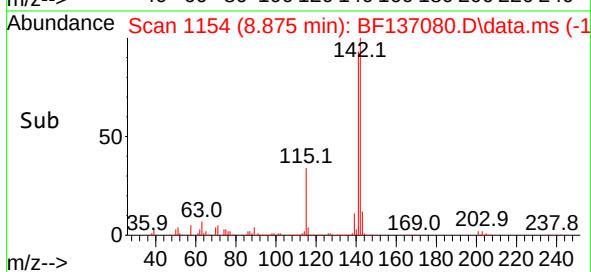
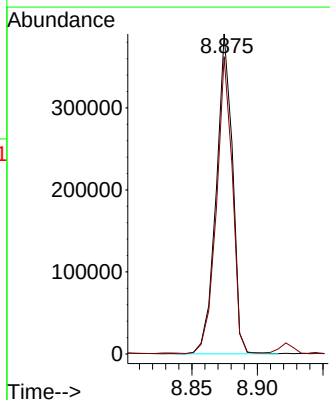
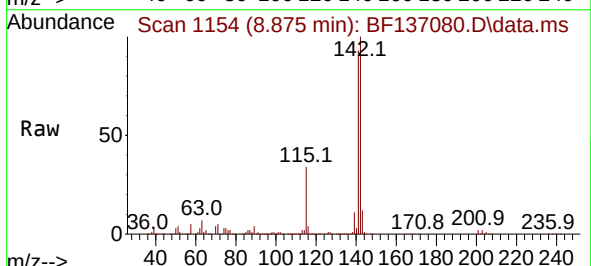
Manual Integrations  
APPROVED

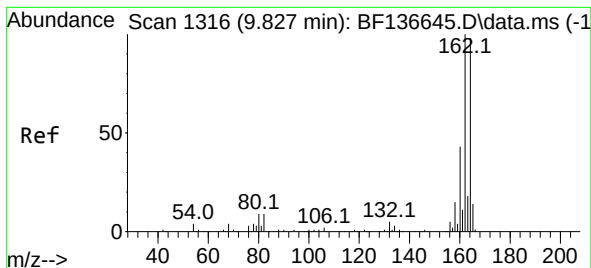
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#38  
1-Methylnaphthalene  
Concen: 35.858 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. -0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:142 Resp: 334792  
Ion Ratio Lower Upper  
142 100  
141 92.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

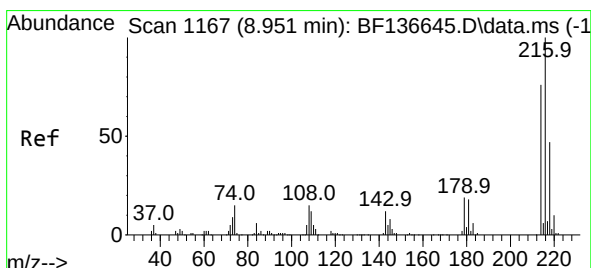
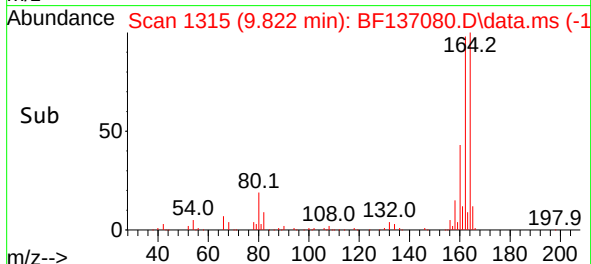
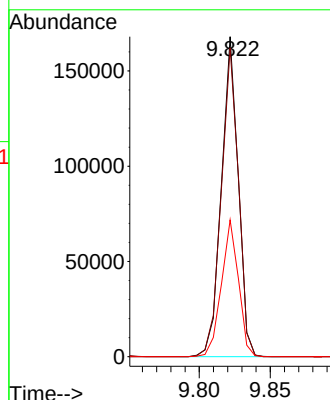
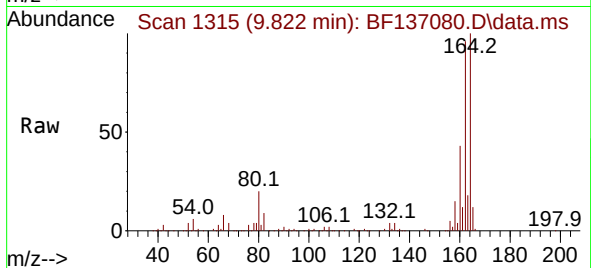
ClientSampleId :

IDOC-01

Tgt Ion:164 Resp: 138262  
 Ion Ratio Lower Upper  
 164 100  
 162 96.5 81.6 122.4  
 160 42.8 34.9 52.3

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
 Supervised By :mohammad ahmed 01/18/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.904 ng

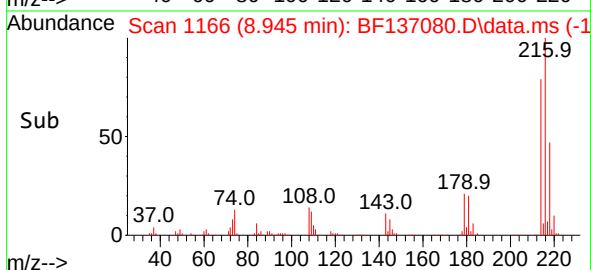
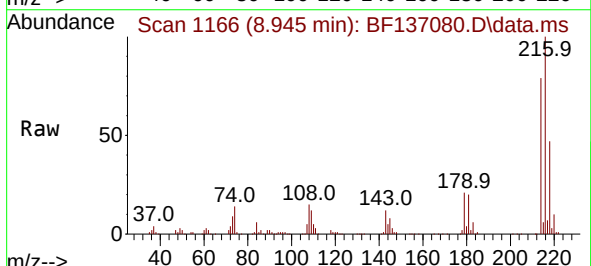
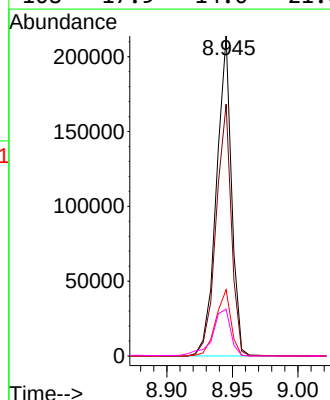
RT: 8.945 min Scan# 1166

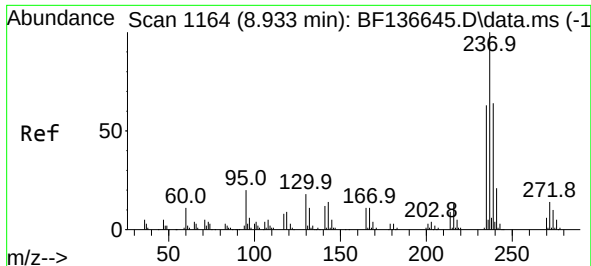
Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

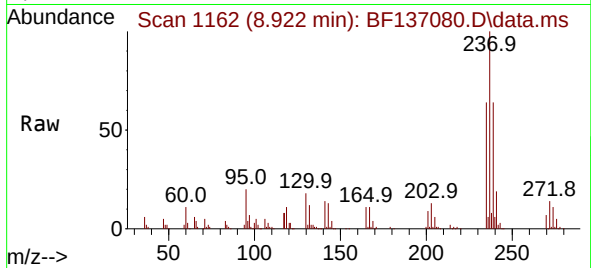
Tgt Ion:216 Resp: 170863  
 Ion Ratio Lower Upper  
 216 100  
 214 79.6 62.3 93.5  
 179 20.7 16.4 24.6  
 108 17.9 14.0 21.0





#41  
Hexachlorocyclopentadiene  
Concen: 62.451 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

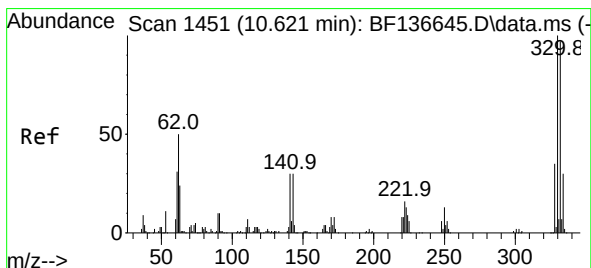
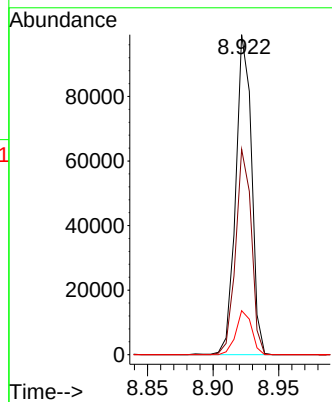
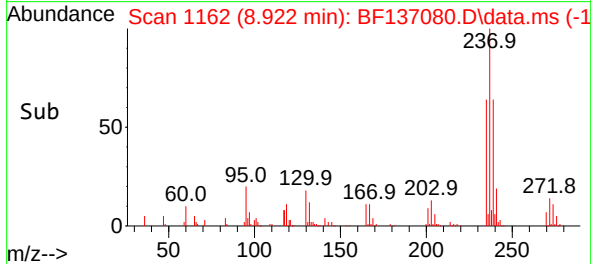
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:237 Resp: 83699  
Ion Ratio Lower Upper  
237 100  
235 64.2 43.2 83.2  
272 13.8 0.0 34.2

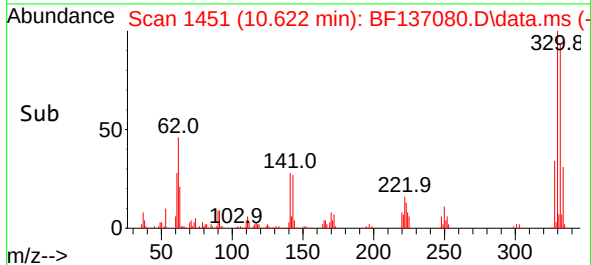
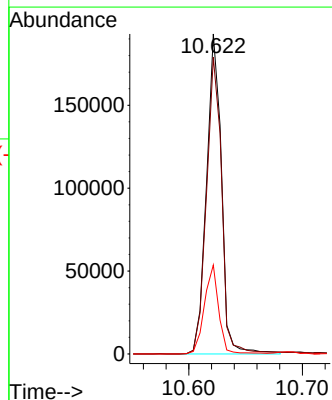
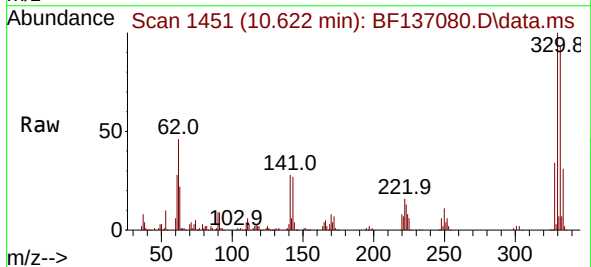
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

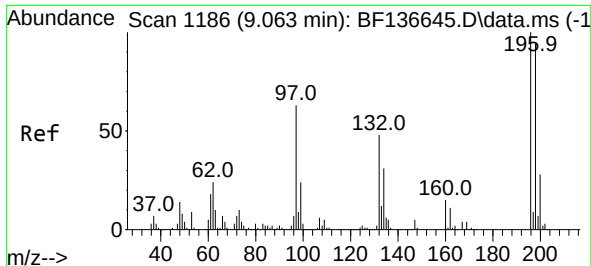


#42  
2,4,6-Tribromophenol  
Concen: 108.158 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:330 Resp: 176119  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.4 116.0  
141 26.8 23.4 35.2

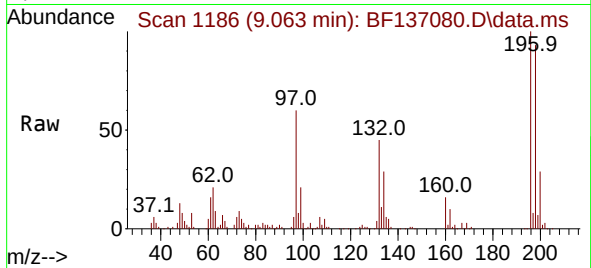






#43  
2,4,6-Trichlorophenol  
Concen: 39.549 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

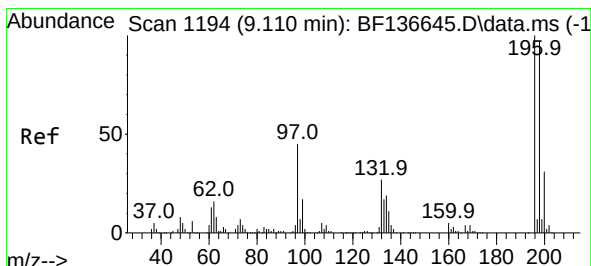
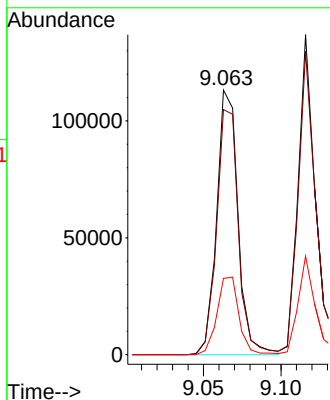
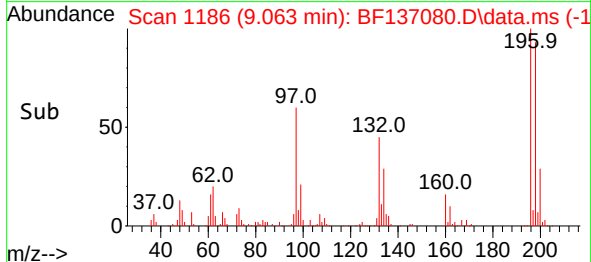
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:196 Resp: 10860  
Ion Ratio Lower Upper  
196 100  
198 92.6 75.1 112.7  
200 28.8 22.5 33.7

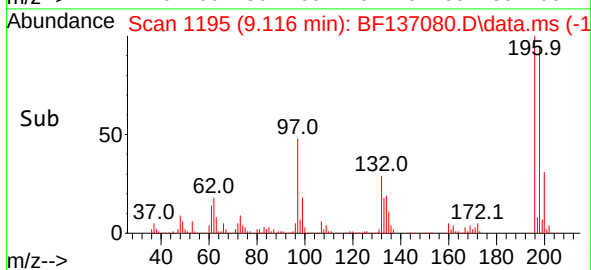
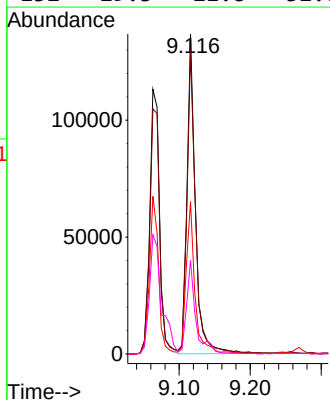
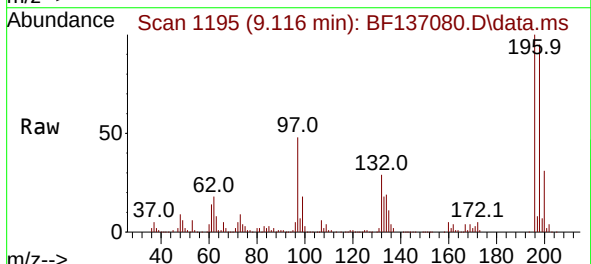
Manual Integrations  
APPROVED

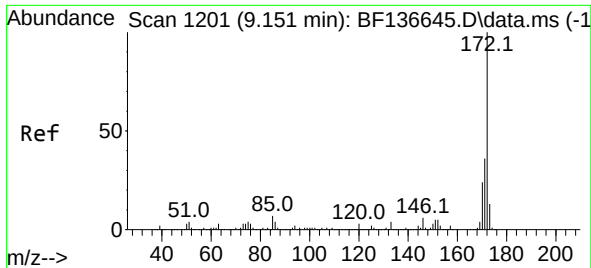
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#44  
2,4,5-Trichlorophenol  
Concen: 37.141 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

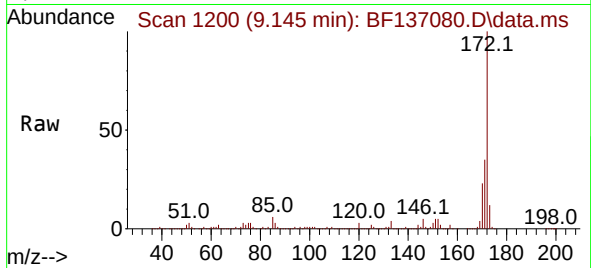
Tgt Ion:196 Resp: 113654  
Ion Ratio Lower Upper  
196 100  
198 94.8 77.0 115.6  
97 47.6 36.1 54.1  
132 29.3 21.8 32.6





#45  
2-Fluorobiphenyl  
Concen: 75.412 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

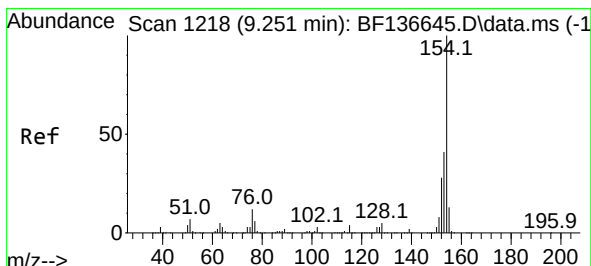
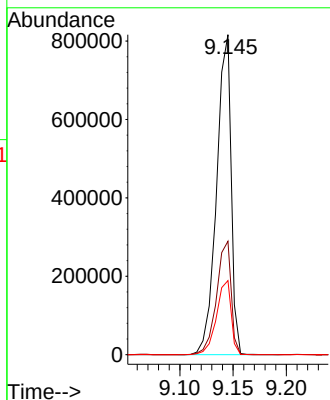
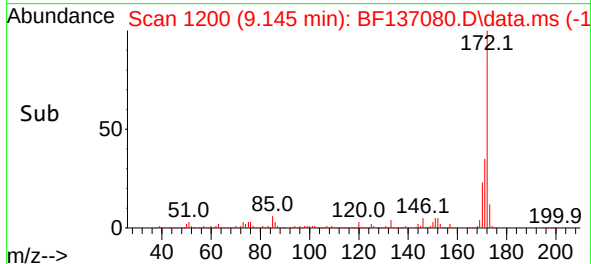
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



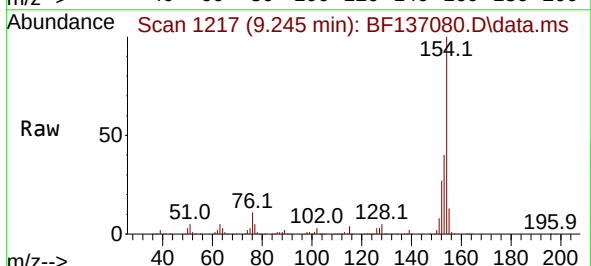
Tgt Ion:172 Resp: 775222  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.0 43.6  
170 23.1 19.0 28.4

Manual Integrations  
APPROVED

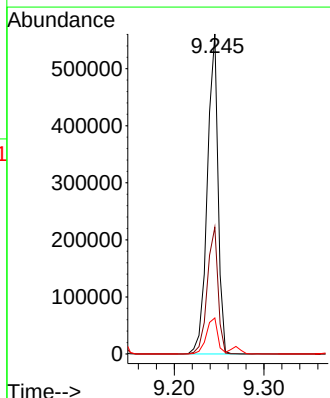
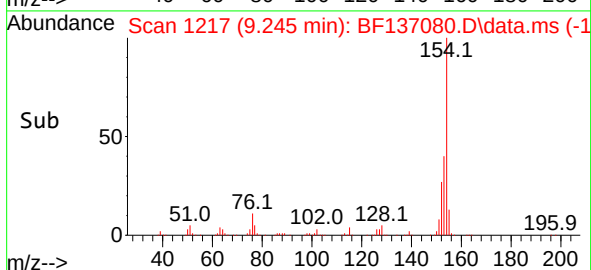
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

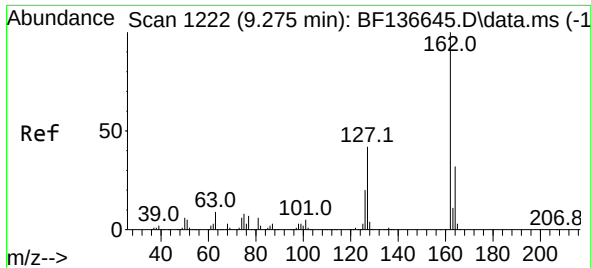


#46  
1,1'-Biphenyl  
Concen: 39.953 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



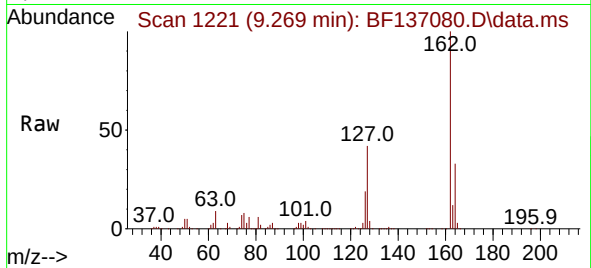
Tgt Ion:154 Resp: 463546  
Ion Ratio Lower Upper  
154 100  
153 39.6 21.1 61.1  
76 11.2 0.0 31.7





#47  
2-Chloronaphthalene  
Concen: 37.460 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

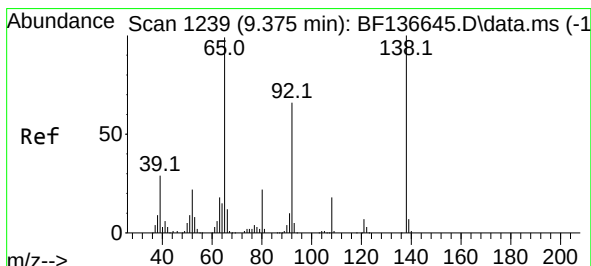
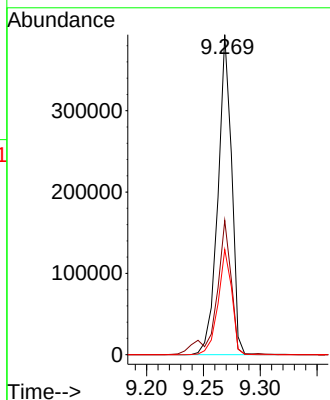
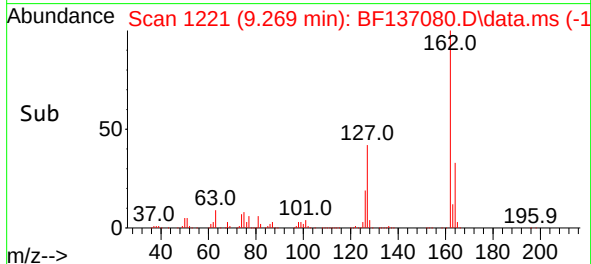
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:162 Resp: 330400  
Ion Ratio Lower Upper  
162 100  
127 41.9 33.6 50.4  
164 32.8 25.7 38.5

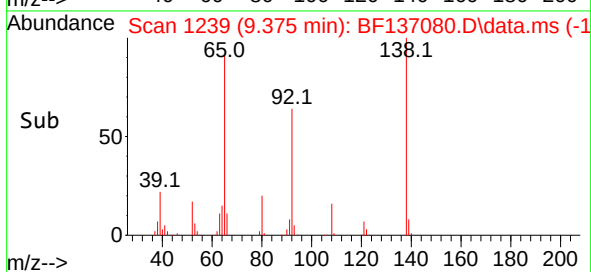
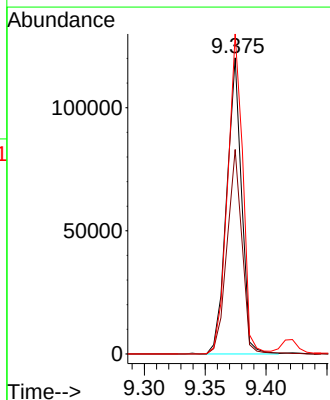
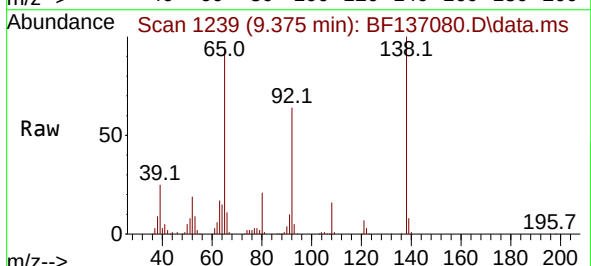
Manual Integrations  
APPROVED

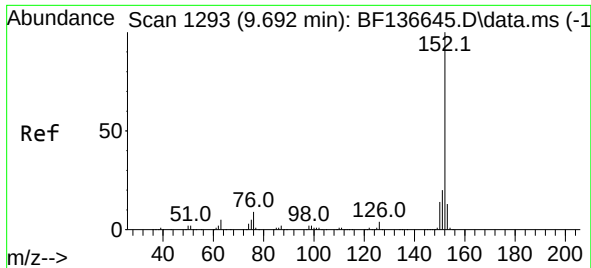
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#48  
2-Nitroaniline  
Concen: 37.069 ng  
RT: 9.375 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

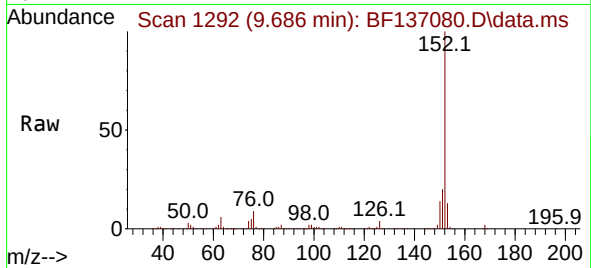
Tgt Ion: 65 Resp: 102385  
Ion Ratio Lower Upper  
65 100  
92 69.0 53.2 79.8  
138 108.1 81.1 121.7





#49  
Acenaphthylene  
Concen: 38.983 ng  
RT: 9.686 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

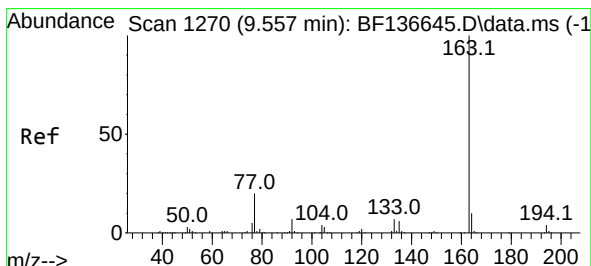
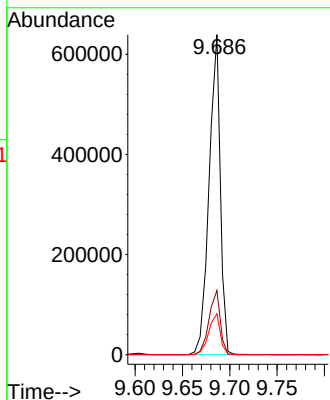
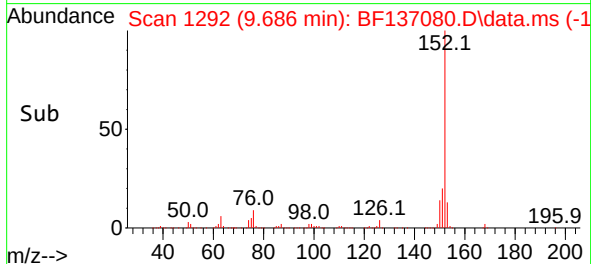
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



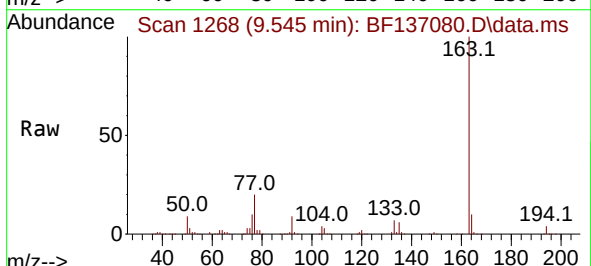
Tgt Ion:152 Resp: 52555  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.4  
153 12.8 10.2 15.2

Manual Integrations  
APPROVED

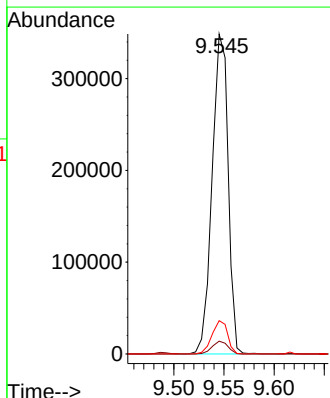
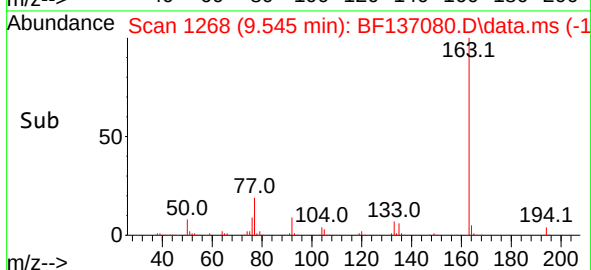
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

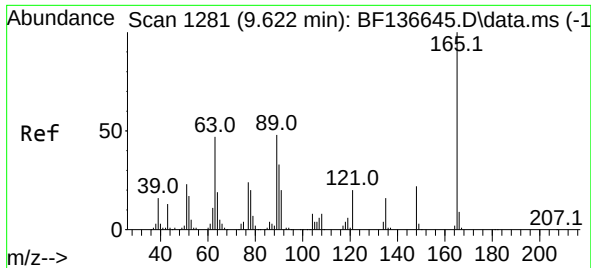


#50  
Dimethylphthalate  
Concen: 38.287 ng  
RT: 9.545 min Scan# 1268  
Delta R.T. -0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



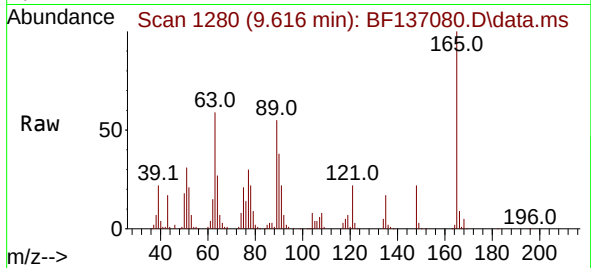
Tgt Ion:163 Resp: 386661  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.4 7.8 11.6





#51  
2,6-Dinitrotoluene  
Concen: 36.948 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

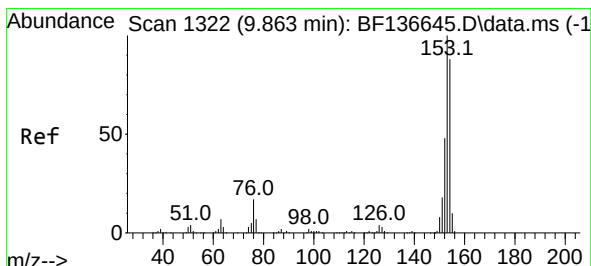
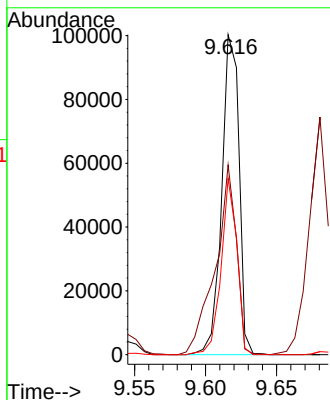
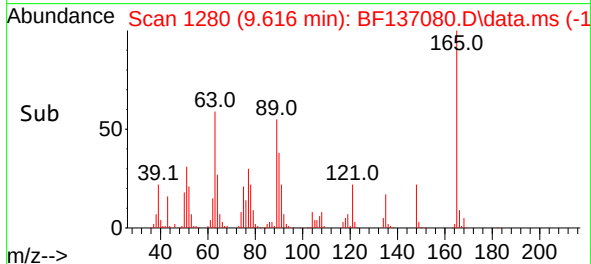
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:165 Resp: 84684  
Ion Ratio Lower Upper  
165 100  
63 59.3 39.8 59.6  
89 55.1 38.8 58.2

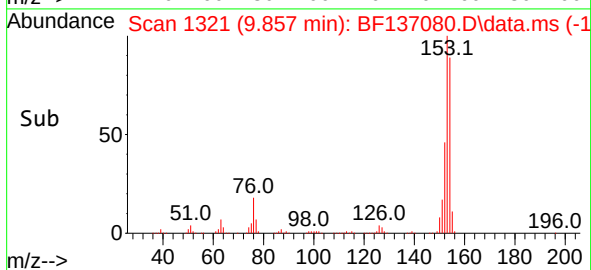
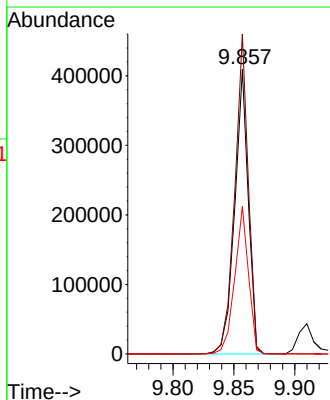
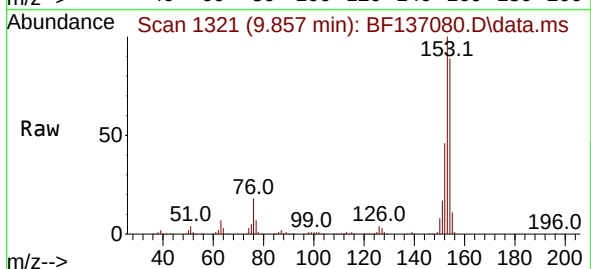
Manual Integrations  
APPROVED

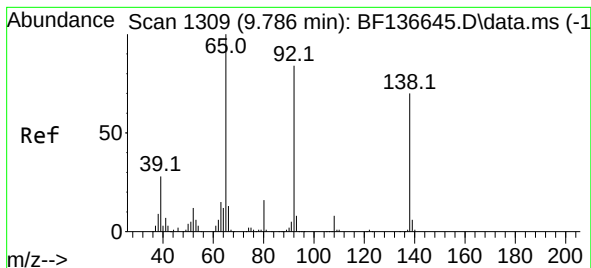
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#52  
Acenaphthene  
Concen: 38.080 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:154 Resp: 318232  
Ion Ratio Lower Upper  
154 100  
153 112.4 90.7 136.1  
152 51.8 43.7 65.5





#53

3-Nitroaniline

Concen: 27.154 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

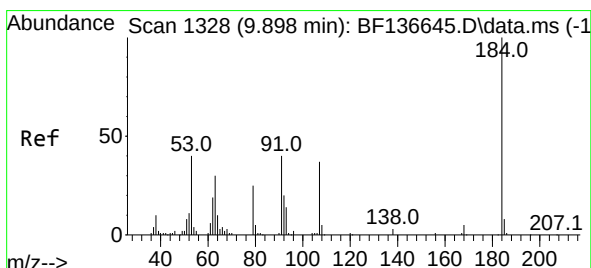
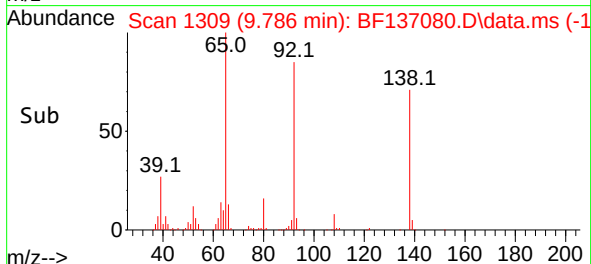
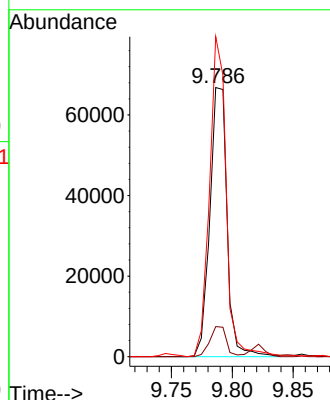
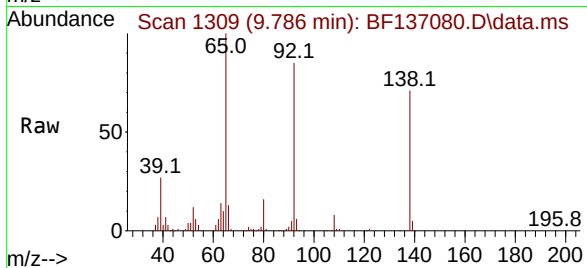
IDOC-01

Tgt Ion:138 Resp: 6592  
 Ion Ratio Lower Upper  
 138 100  
 108 11.2 8.6 12.8  
 92 118.9 95.2 142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
 Supervised By :mohammad ahmed 01/18/2024



#54

2,4-Dinitrophenol

Concen: 59.939 ng

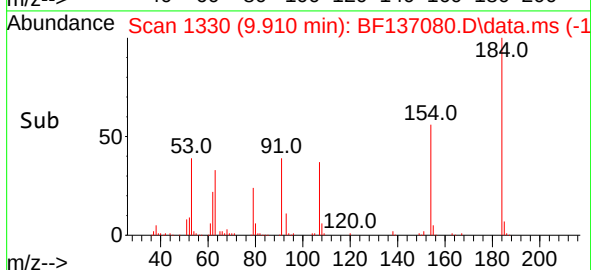
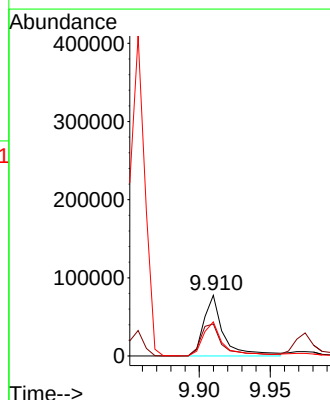
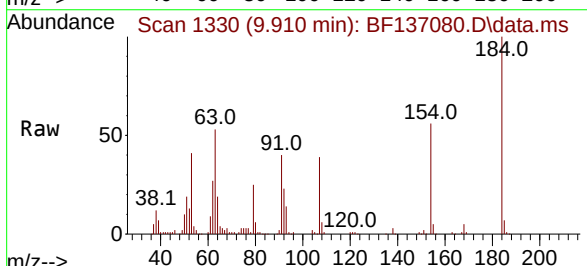
RT: 9.910 min Scan# 1330

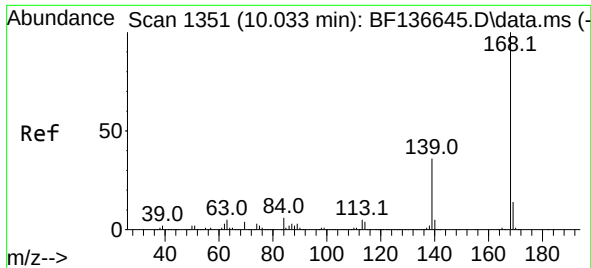
Delta R.T. 0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

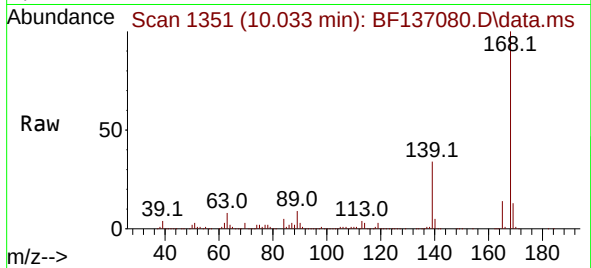
Tgt Ion:184 Resp: 74891  
 Ion Ratio Lower Upper  
 184 100  
 63 52.7 40.9 61.3  
 154 56.2 42.7 64.1





#55  
Dibenzofuran  
Concen: 37.325 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

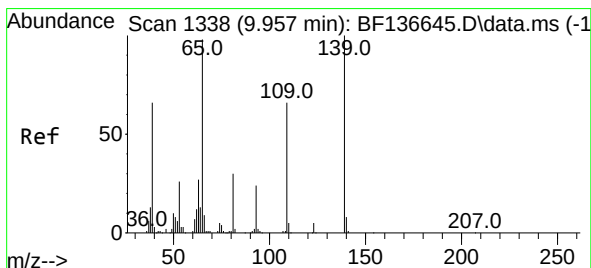
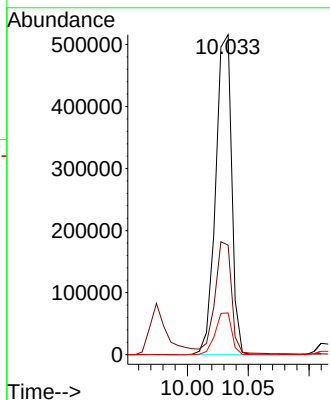
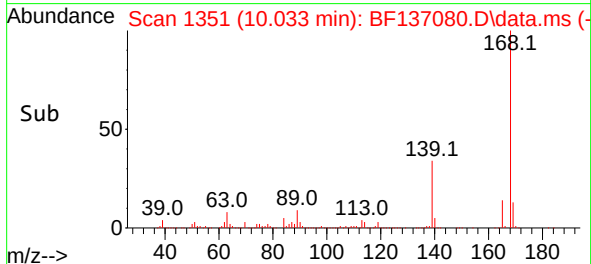
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



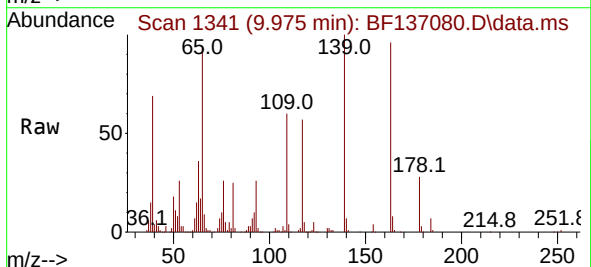
Tgt Ion:168 Resp: 472838  
Ion Ratio Lower Upper  
168 100  
139 34.3 29.3 43.9  
169 13.0 11.0 16.4

Manual Integrations  
APPROVED

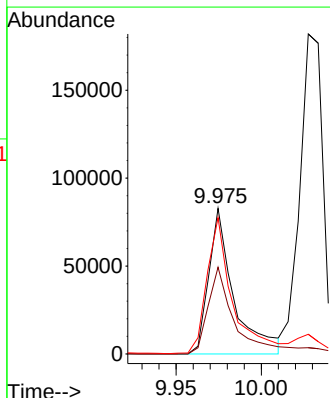
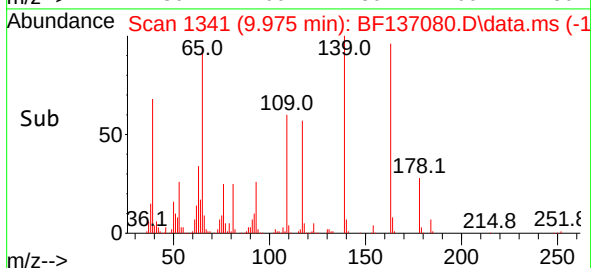
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

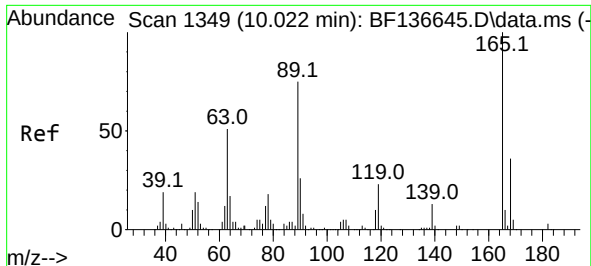


#56  
4-Nitrophenol  
Concen: 51.804 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.018 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



Tgt Ion:139 Resp: 84907  
Ion Ratio Lower Upper  
139 100  
109 59.6 45.8 85.8  
65 93.6 77.8 117.8





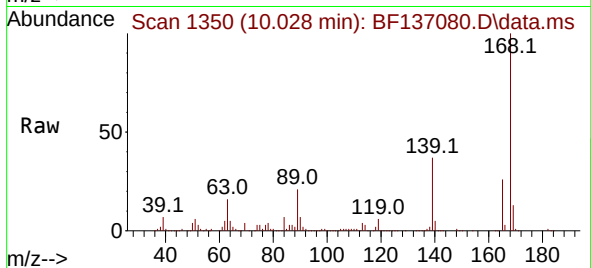
#57  
2,4-Dinitrotoluene  
Concen: 35.355 ng  
RT: 10.028 min Scan# 1408  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01



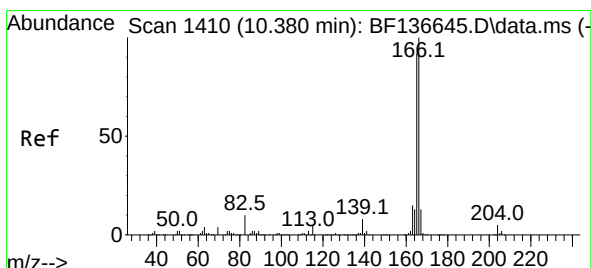
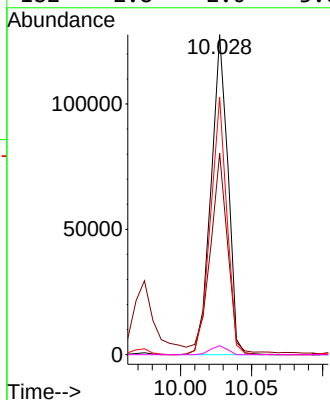
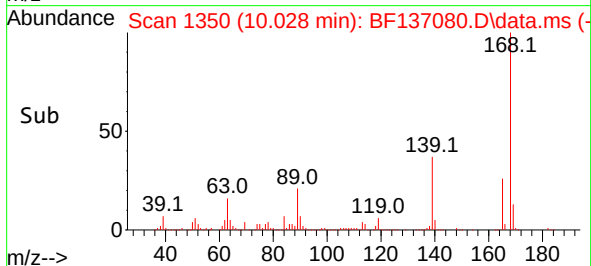
Tgt Ion:165 Resp: 105199  
Ion Ratio Lower Upper  
165 100  
63 63.0 41.0 61.6  
89 80.5 59.9 89.9  
182 2.8 2.0 3.0

Manual Integrations

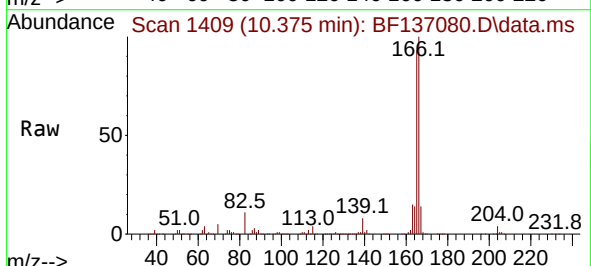
APPROVED

Reviewed By :Yogesh Patel 01/18/2024

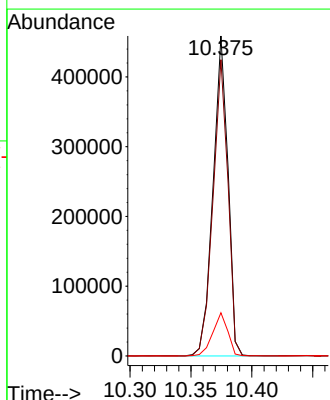
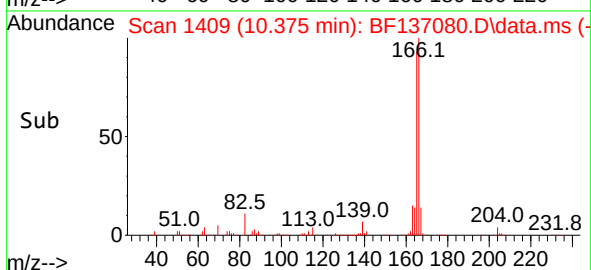
Supervised By :mohammad ahmed 01/18/2024



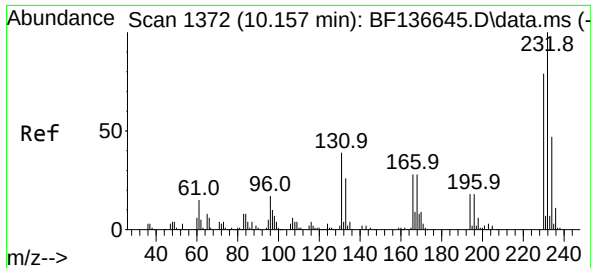
#58  
Fluorene  
Concen: 38.643 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



Tgt Ion:166 Resp: 388425  
Ion Ratio Lower Upper  
166 100  
165 92.6 73.7 110.5  
167 13.5 10.4 15.6

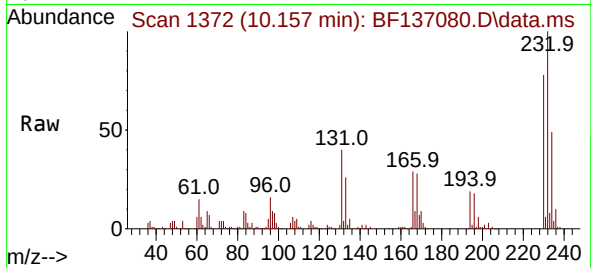






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.875 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

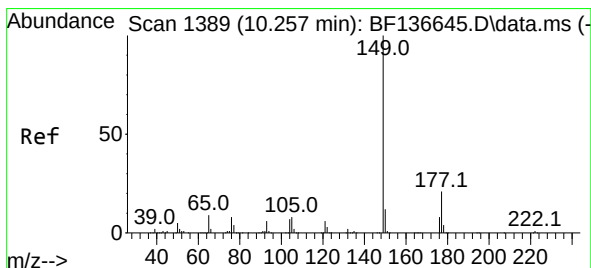
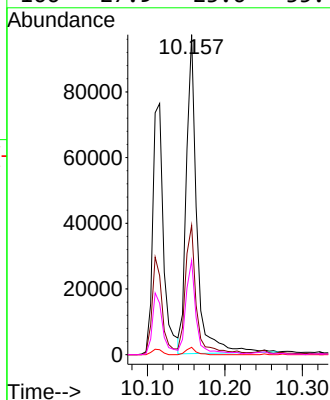
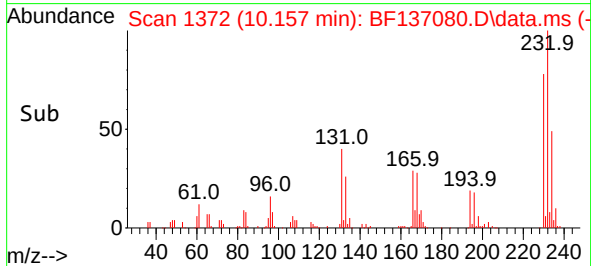
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:232 Resp: 91574  
Ion Ratio Lower Upper  
232 100  
131 41.3 35.1 52.7  
130 2.1 1.6 2.4  
166 27.9 23.6 35.4

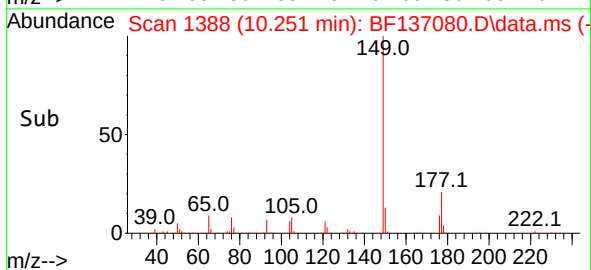
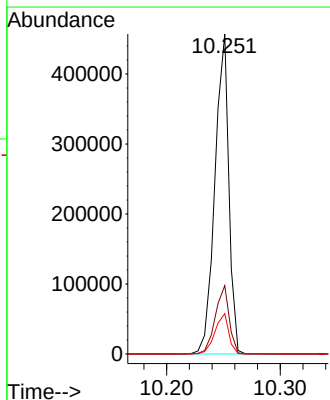
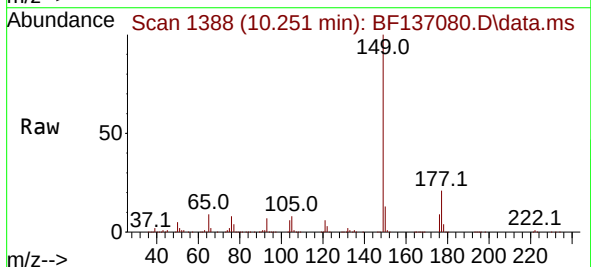
Manual Integrations  
APPROVED

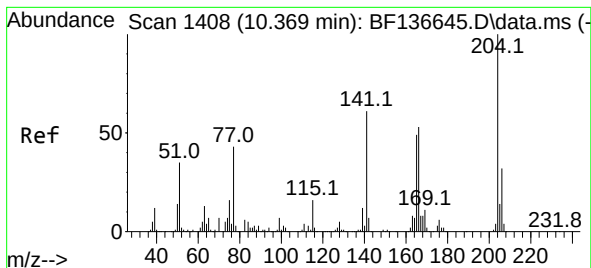
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#60  
Diethylphthalate  
Concen: 37.144 ng  
RT: 10.251 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

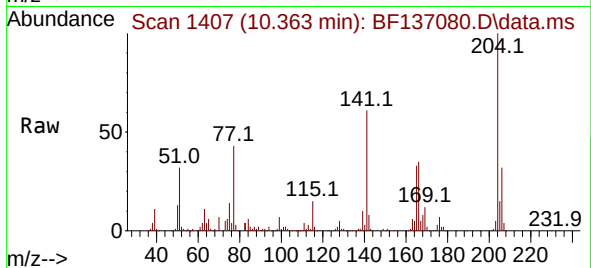
Tgt Ion:149 Resp: 389210  
Ion Ratio Lower Upper  
149 100  
177 21.4 16.9 25.3  
150 12.6 9.3 13.9





#61  
4-Chlorophenyl-phenylether  
Concen: 38.041 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

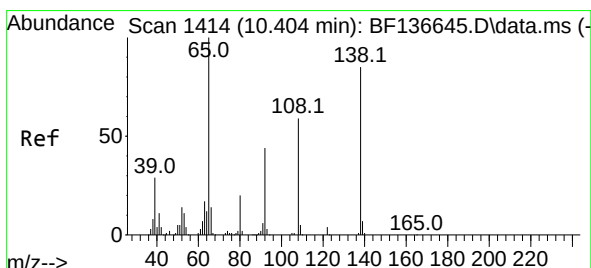
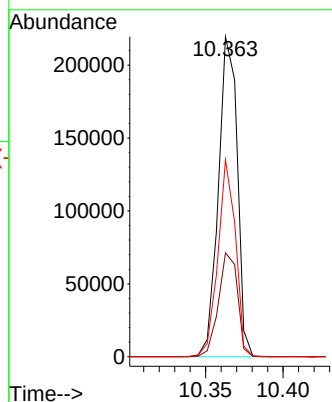
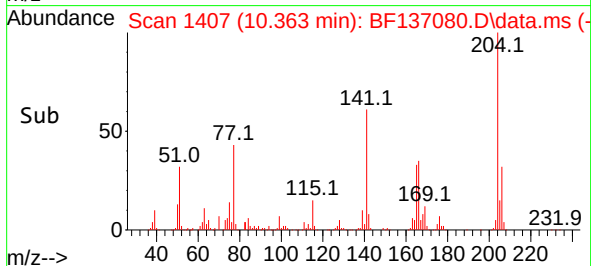
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:204 Resp: 18585  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.6 38.4  
141 61.5 48.4 72.6

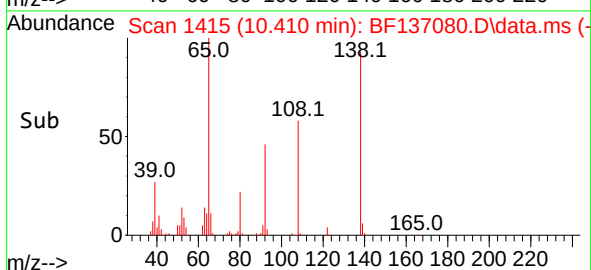
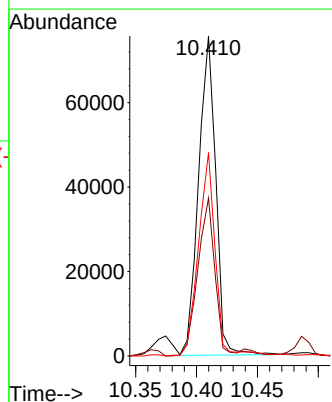
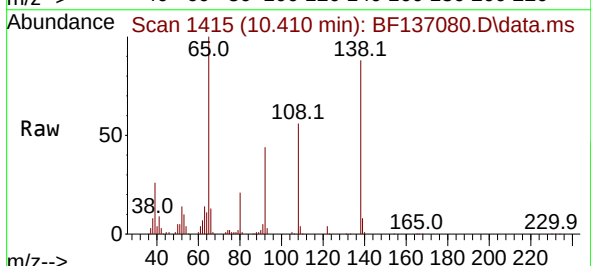
Manual Integrations  
APPROVED

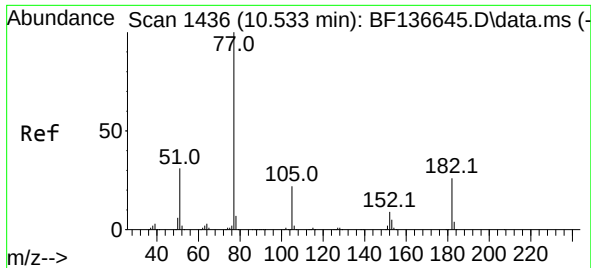
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#62  
4-Nitroaniline  
Concen: 31.672 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:138 Resp: 74130  
Ion Ratio Lower Upper  
138 100  
92 49.4 32.1 72.1  
108 63.5 50.1 90.1





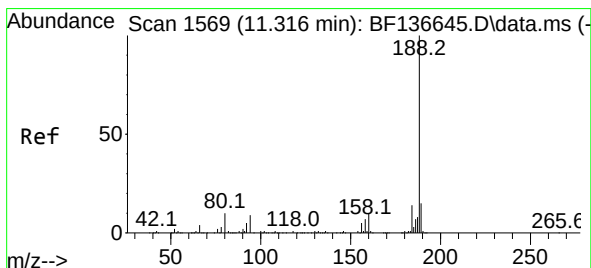
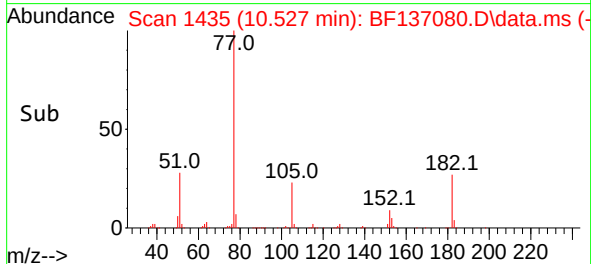
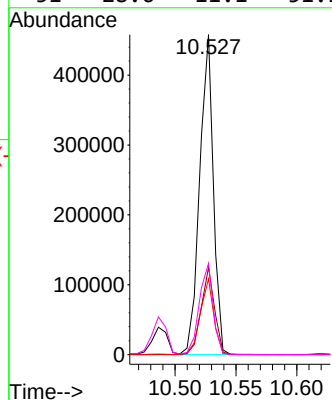
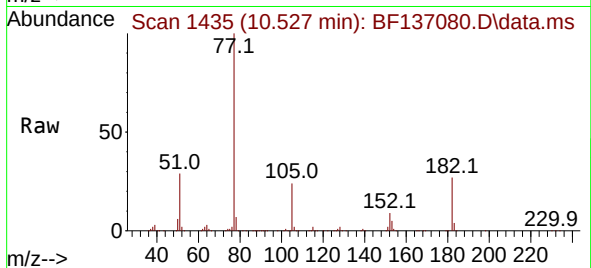
#63  
Azobenzene  
Concen: 36.601 ng  
RT: 10.527 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

Tgt Ion: 77 Resp: 35820  
Ion Ratio Lower Upper  
77 100  
182 27.3 6.0 46.0  
105 23.7 2.3 42.3  
51 28.6 11.1 51.1

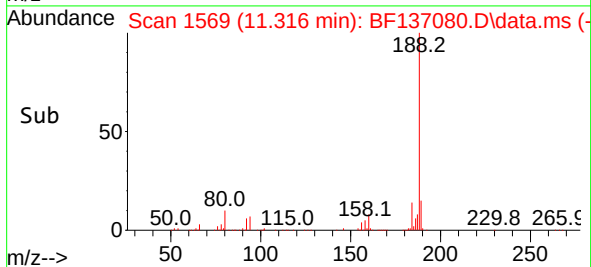
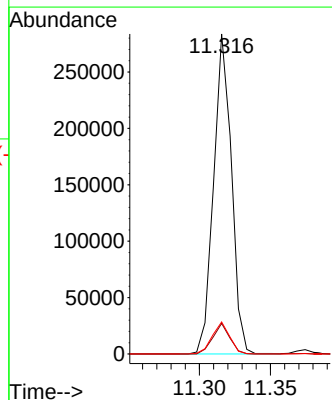
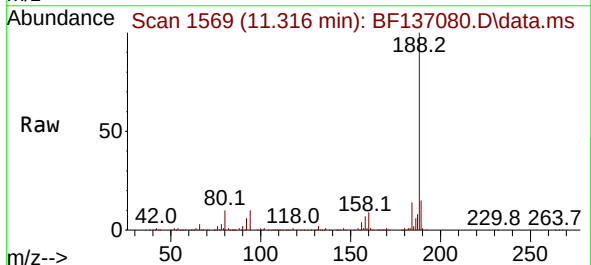
Manual Integrations  
APPROVED

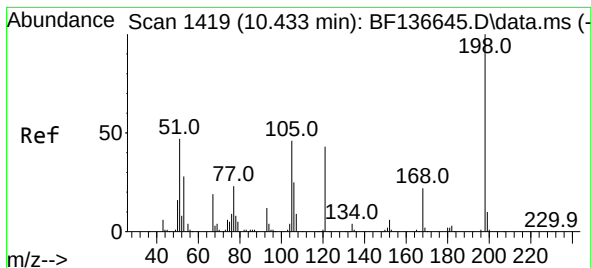
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:188 Resp: 246905  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.5 11.3  
80 10.0 8.1 12.1





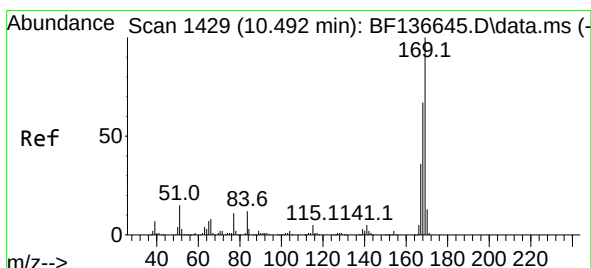
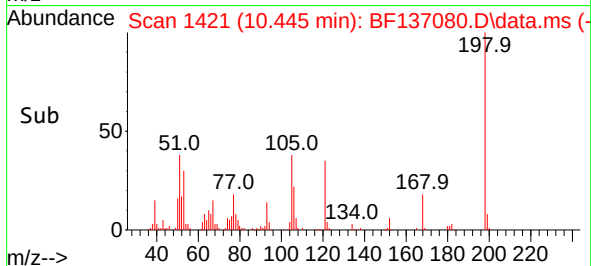
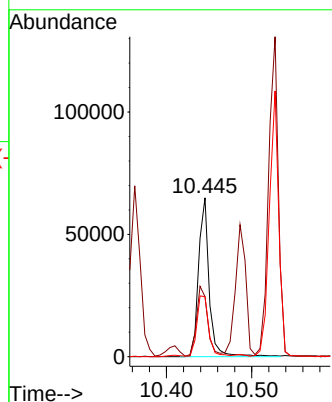
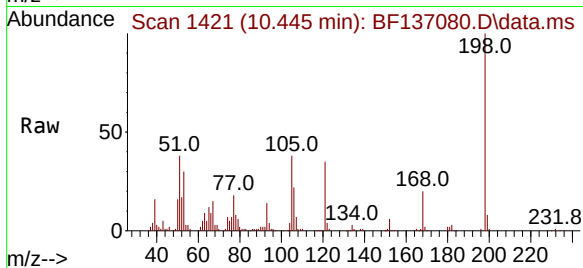
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.773 ng  
RT: 10.445 min Scan# 1419  
Delta R.T. 0.012 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

Tgt Ion:198 Resp: 56279  
Ion Ratio Lower Upper  
198 100  
51 37.7 34.1 74.1  
105 37.8 27.3 67.3

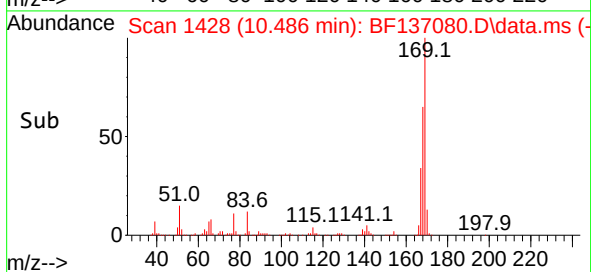
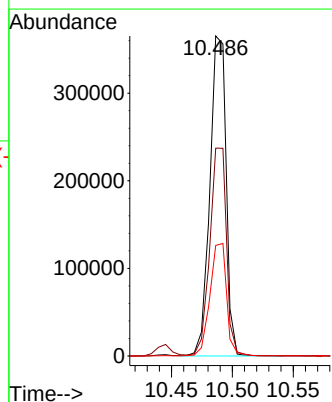
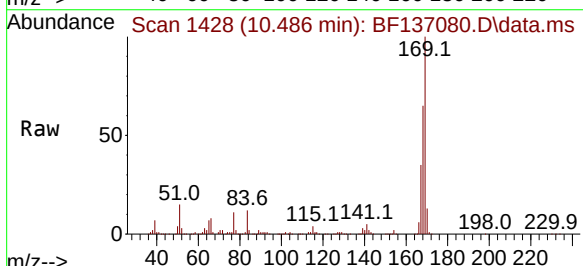
Manual Integrations  
APPROVED

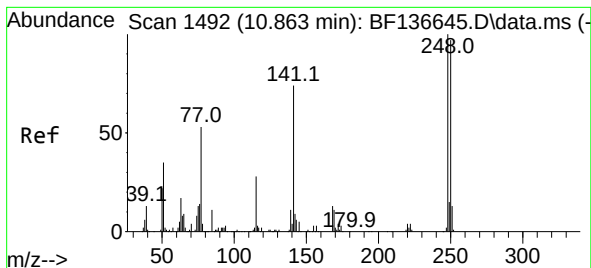
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#66  
n-Nitrosodiphenylamine  
Concen: 42.413 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

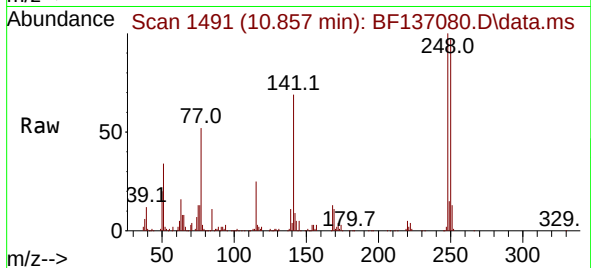
Tgt Ion:169 Resp: 340181  
Ion Ratio Lower Upper  
169 100  
168 64.9 53.8 80.6  
167 34.5 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 41.217 ng  
RT: 10.857 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

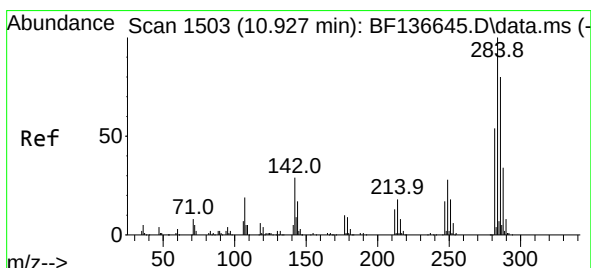
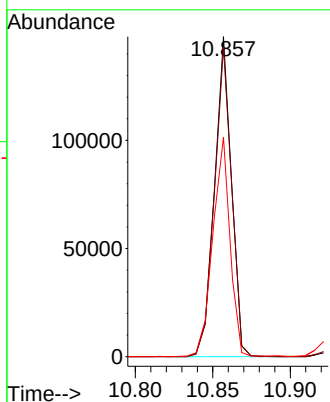
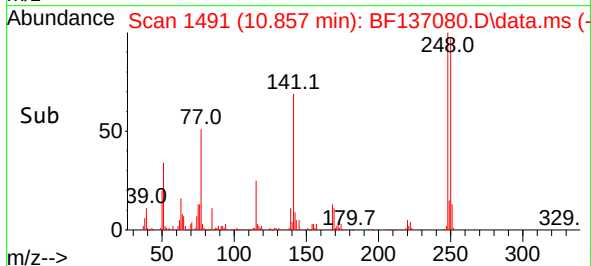
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



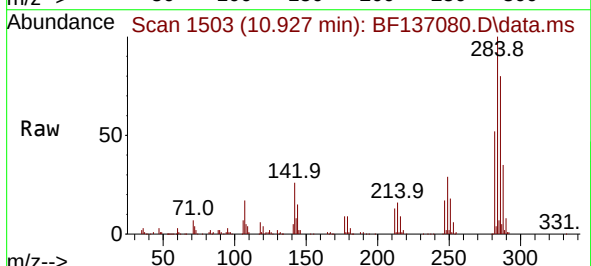
Tgt Ion:248 Resp: 113019  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.8 116.6  
141 68.6 59.2 88.8

Manual Integrations  
APPROVED

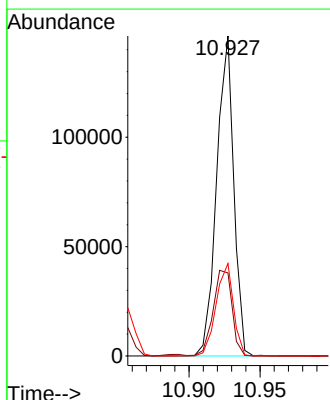
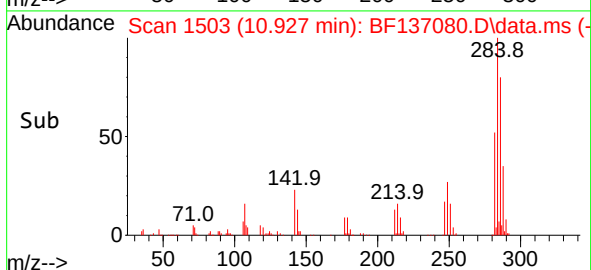
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

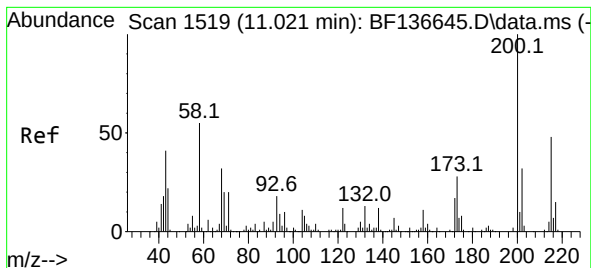


#68  
Hexachlorobenzene  
Concen: 39.979 ng  
RT: 10.927 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



Tgt Ion:284 Resp: 122167  
Ion Ratio Lower Upper  
284 100  
142 25.9 23.4 35.0  
249 28.9 22.3 33.5





#69

Atrazine

Concen: 66.585 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

Tgt Ion:200 Resp: 13659

Ion Ratio Lower Upper

200 100

173 27.1 7.6 47.6

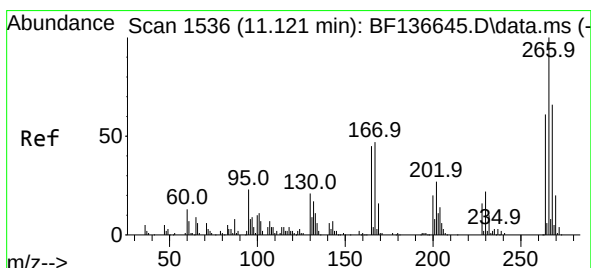
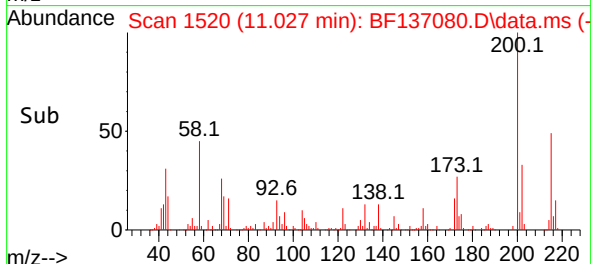
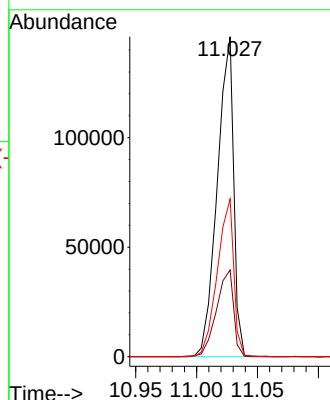
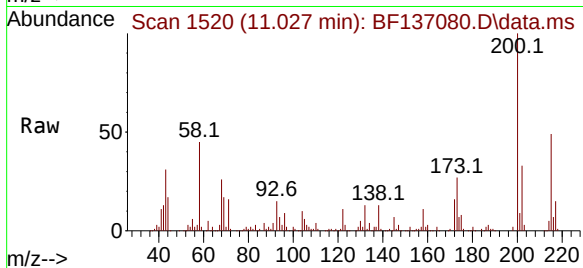
215 49.3 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#70

Pentachlorophenol

Concen: 68.418 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

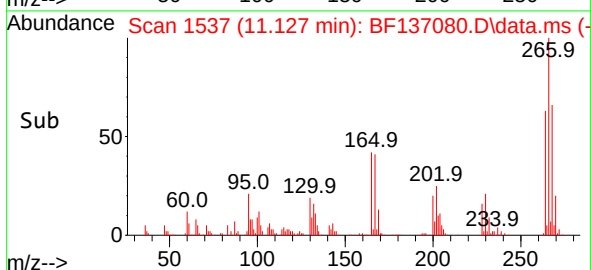
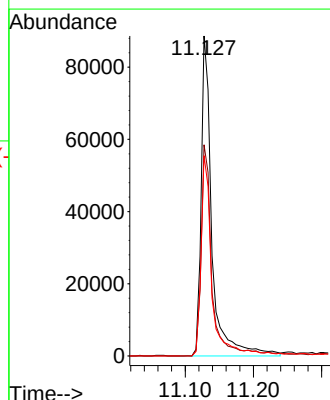
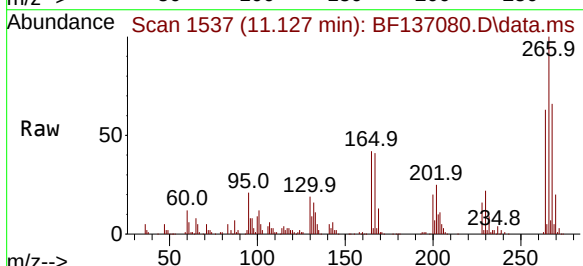
Tgt Ion:266 Resp: 97450

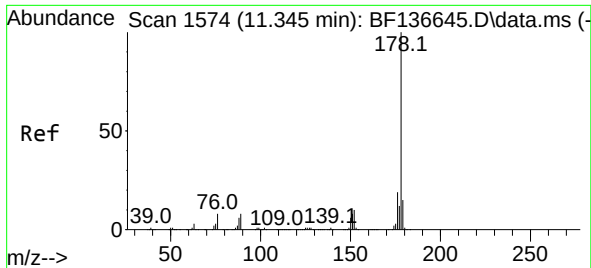
Ion Ratio Lower Upper

266 100

268 66.0 52.6 78.8

264 62.6 49.0 73.4





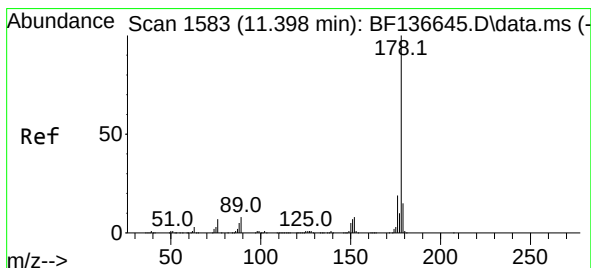
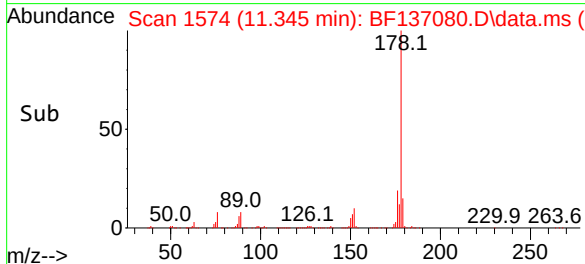
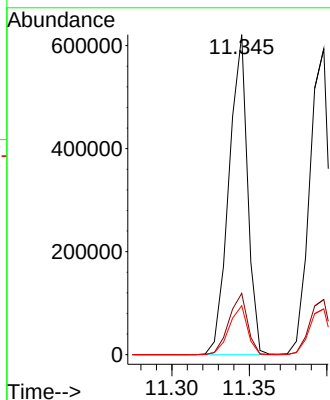
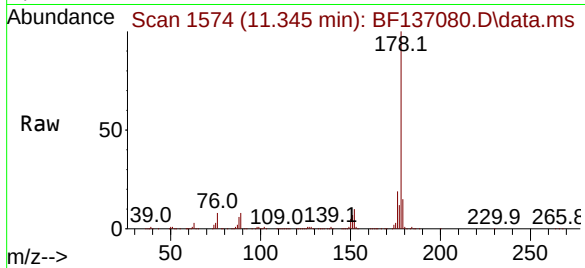
#71  
Phenanthrene  
Concen: 41.013 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

Tgt Ion:178 Resp: 51959  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.3 11.9 17.9

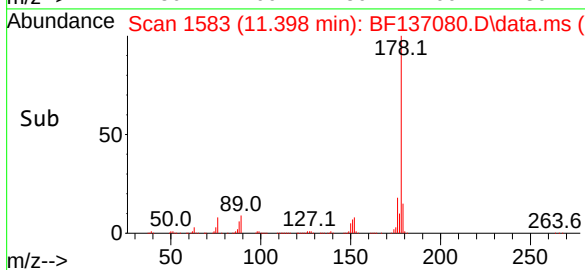
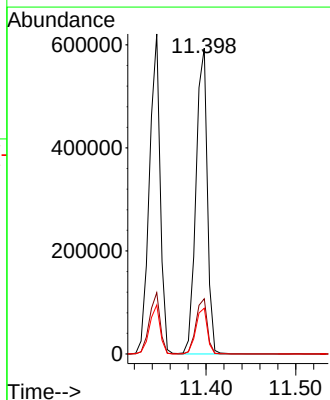
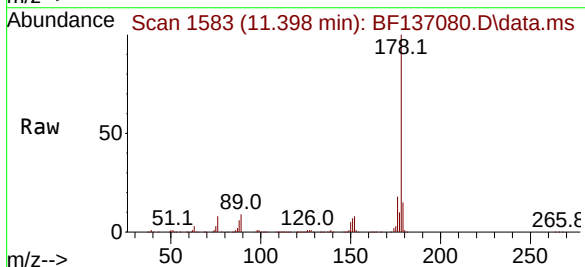
Manual Integrations  
APPROVED

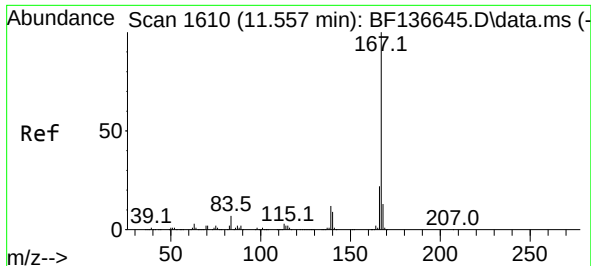
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#72  
Anthracene  
Concen: 40.627 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

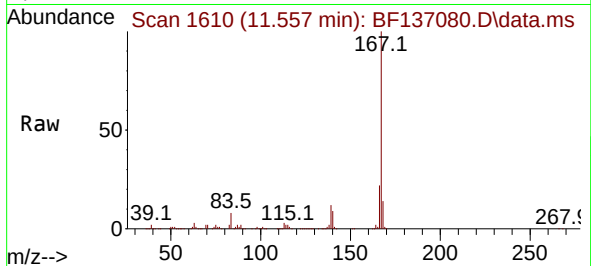
Tgt Ion:178 Resp: 521250  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.9 22.3  
179 15.0 11.8 17.6





#73  
 Carbazole  
 Concen: 38.039 ng  
 RT: 11.557 min Scan# 1610  
 Delta R.T. 0.000 min  
 Lab File: BF137080.D  
 Acq: 16 Jan 2024 15:37

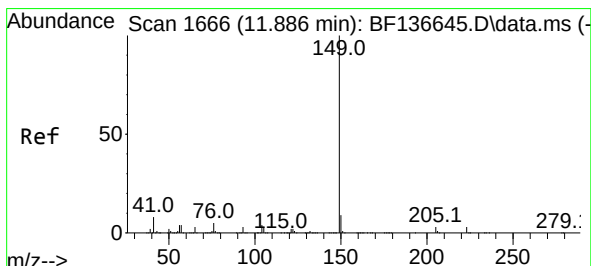
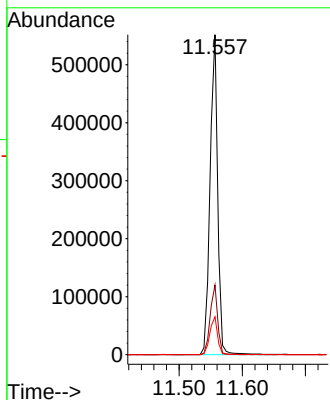
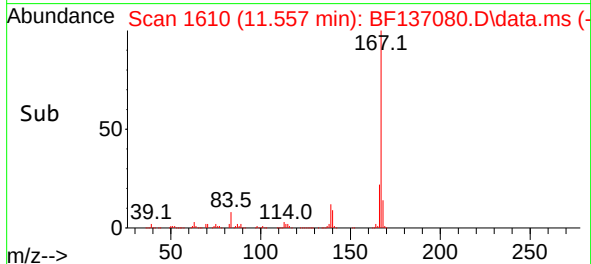
Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01



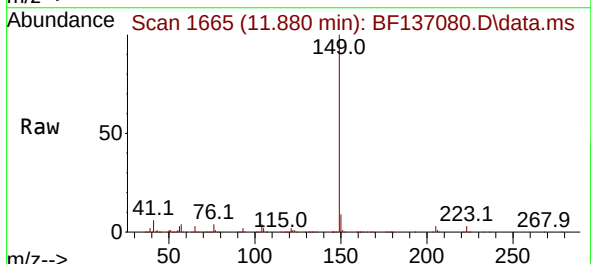
Tgt Ion:167 Resp: 460140  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.3 25.9  
 139 11.9 9.8 14.6

Manual Integrations  
 APPROVED

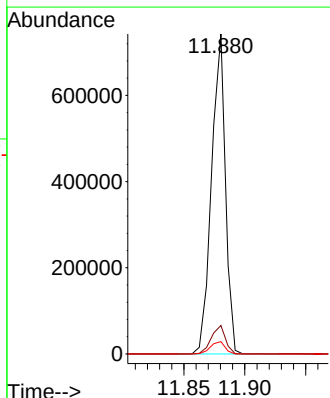
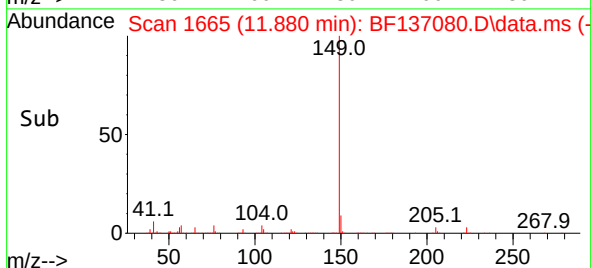
Reviewed By :Yogesh Patel 01/18/2024  
 Supervised By :mohammad ahmed 01/18/2024



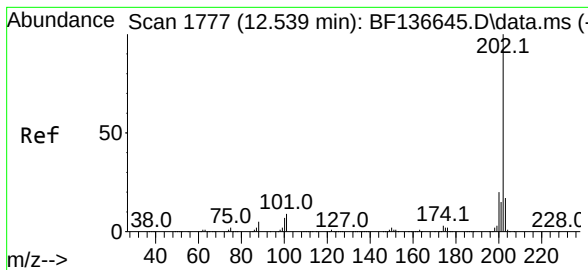
#74  
 Di-n-butylphthalate  
 Concen: 39.838 ng  
 RT: 11.880 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: BF137080.D  
 Acq: 16 Jan 2024 15:37



Tgt Ion:149 Resp: 588043  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.2  
 104 3.9 3.6 5.4

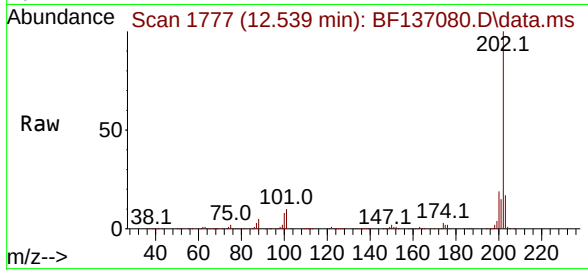






#75  
Fluoranthene  
Concen: 36.813 ng  
RT: 12.539 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

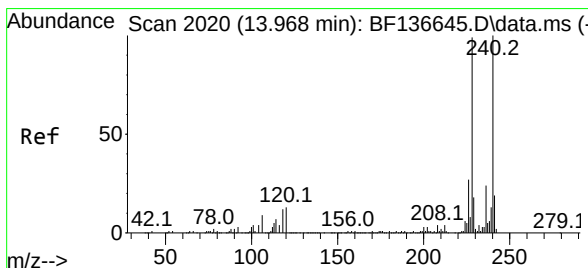
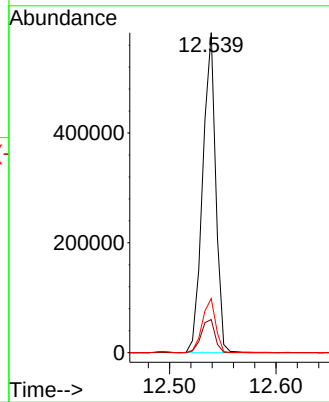
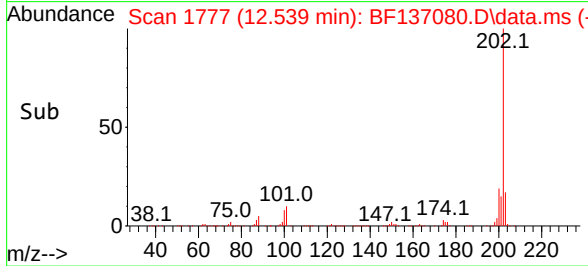
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



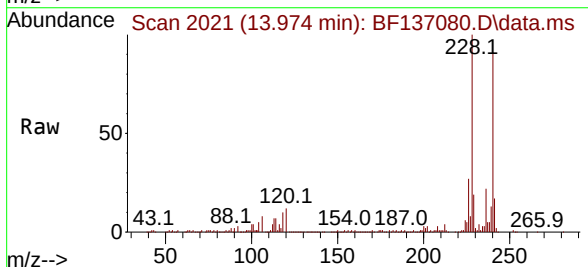
Tgt Ion:202 Resp: 498868  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 29.3  
203 16.9 0.0 37.1

Manual Integrations  
APPROVED

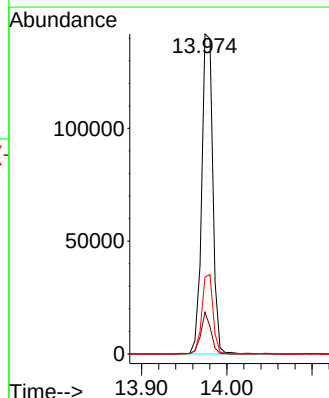
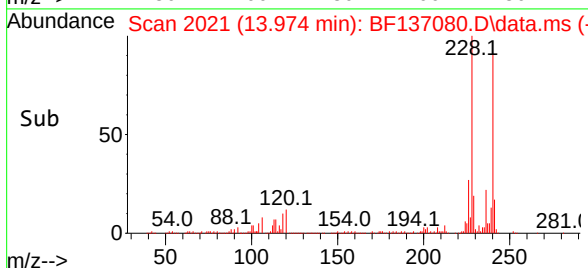
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

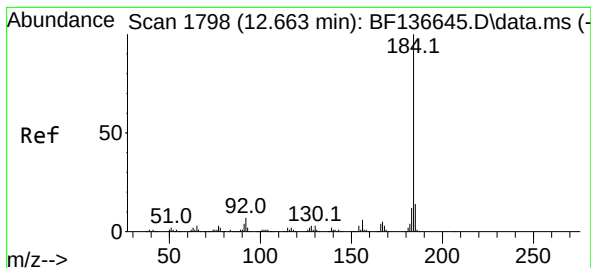


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



Tgt Ion:240 Resp: 128848  
Ion Ratio Lower Upper  
240 100  
120 13.1 10.3 15.5  
236 24.1 19.4 29.2





#77

Benzidine

Concen: 17.881 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

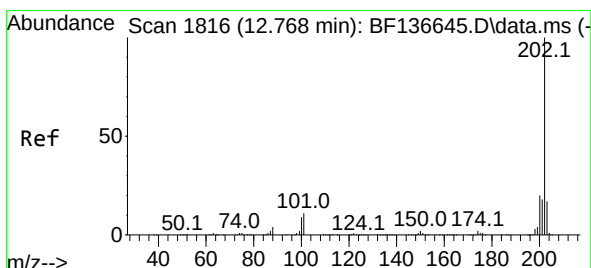
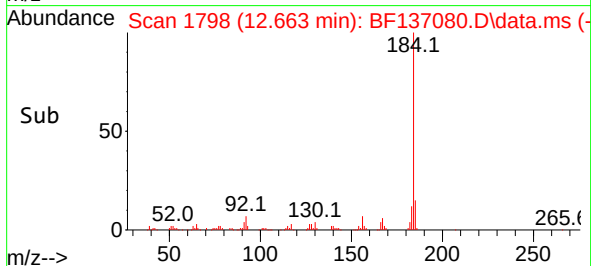
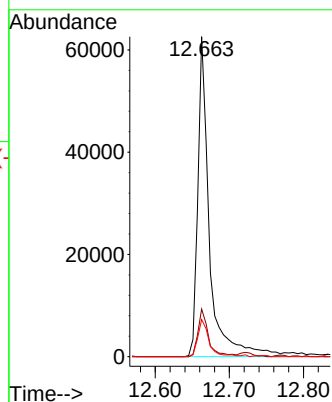
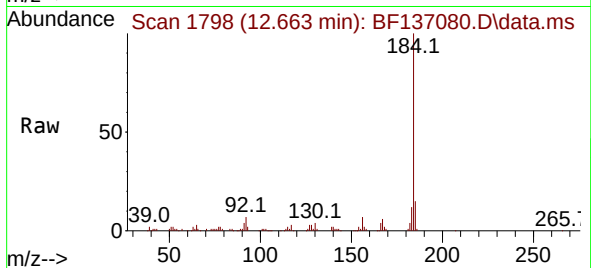
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 184   | Resp: | 6793  |
| Ion      | Ratio | Lower | Upper |
| 184      | 100   |       |       |
| 185      | 14.9  | 11.2  | 16.8  |
| 183      | 11.6  | 9.3   | 13.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#78

Pyrene

Concen: 39.179 ng

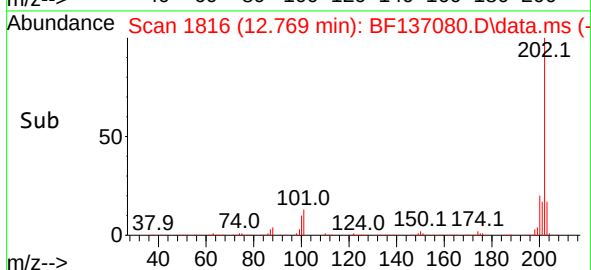
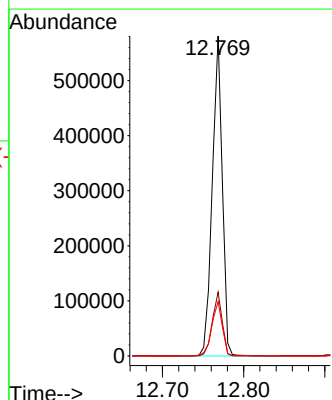
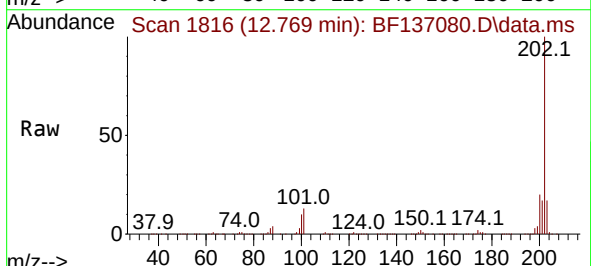
RT: 12.769 min Scan# 1816

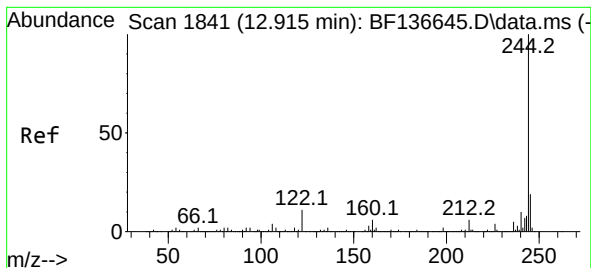
Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 495555 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 20.0  | 15.9  | 23.9   |
| 203      | 17.0  | 13.8  | 20.6   |





#79

Terphenyl-d14

Concen: 78.295 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

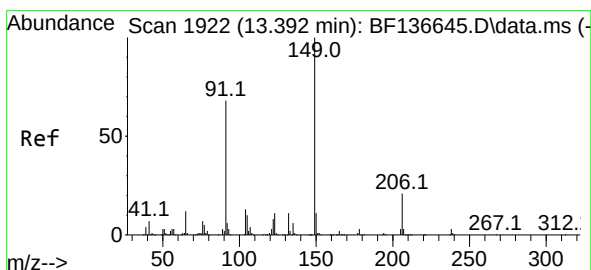
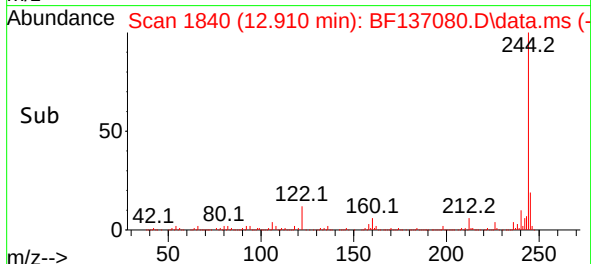
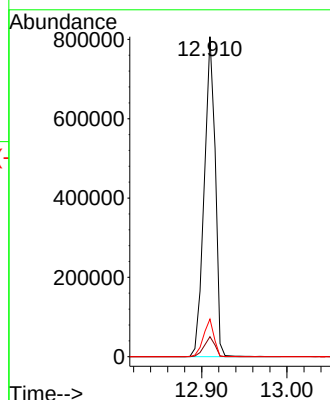
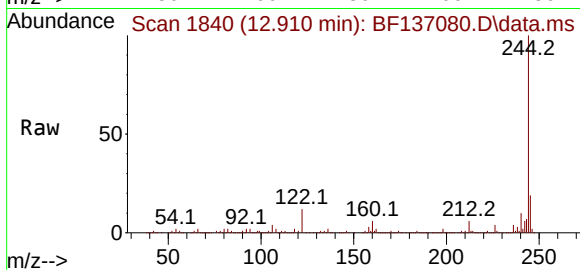
Tgt Ion:244 Resp: 721892  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.0 7.4  
 122 11.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#80

Butylbenzylphthalate

Concen: 41.395 ng

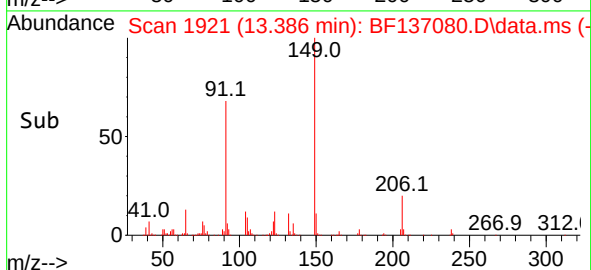
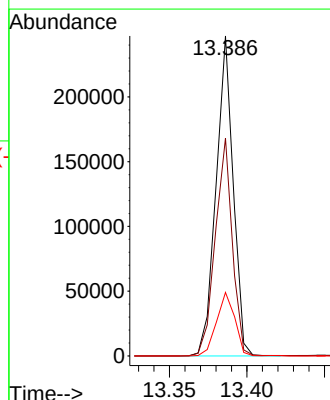
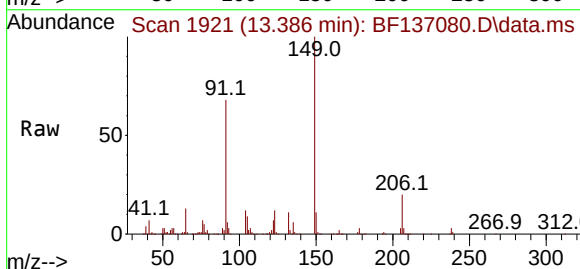
RT: 13.386 min Scan# 1921

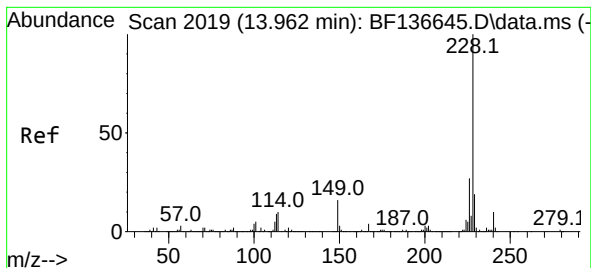
Delta R.T. -0.006 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Tgt Ion:149 Resp: 190518  
 Ion Ratio Lower Upper  
 149 100  
 91 68.1 54.1 81.1  
 206 19.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.243 ng

RT: 13.968 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF137080.D

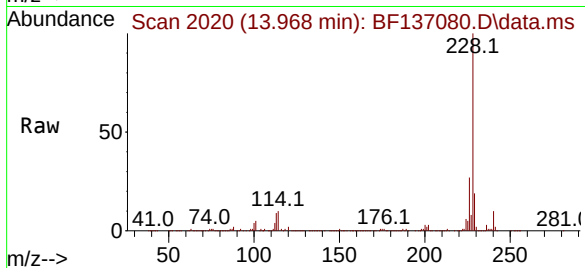
Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01



Tgt Ion:228 Resp: 369000

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

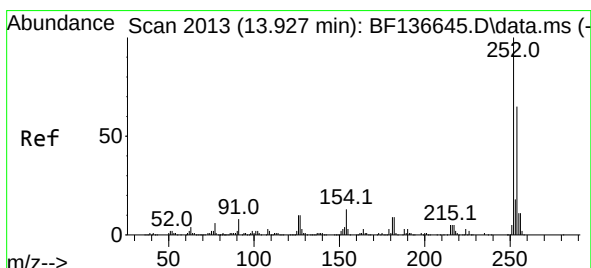
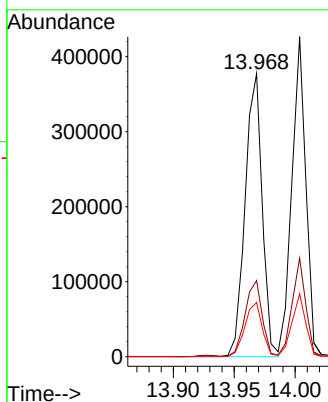
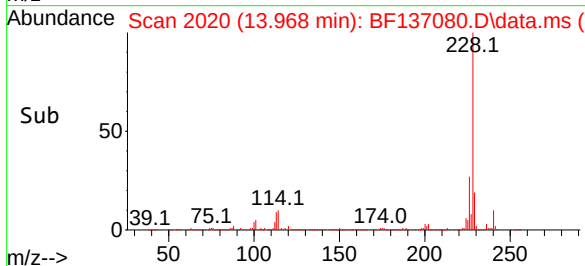
229 19.2 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.682 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

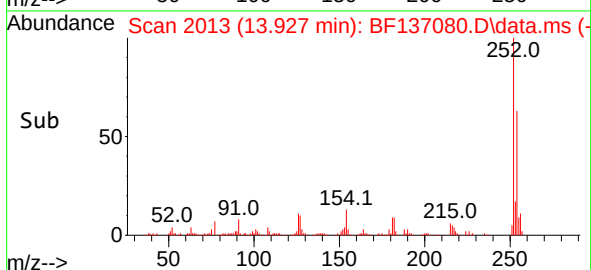
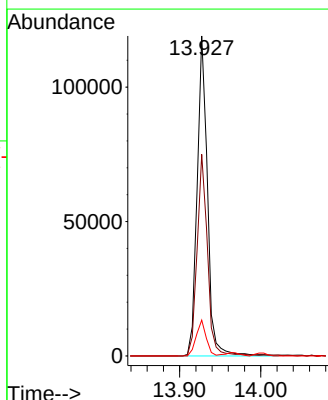
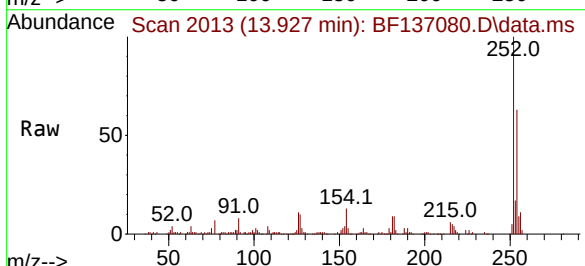
Tgt Ion:252 Resp: 105910

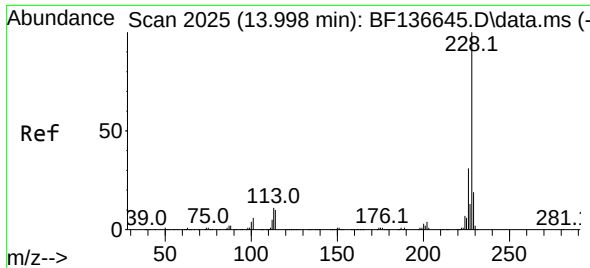
Ion Ratio Lower Upper

252 100

254 63.0 52.2 78.4

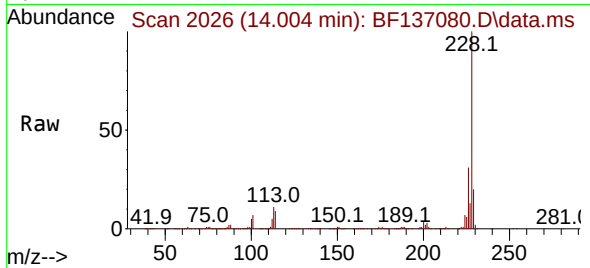
126 11.2 8.0 12.0





#83  
Chrysene  
Concen: 39.250 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

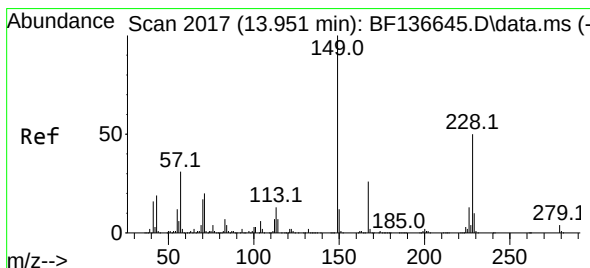
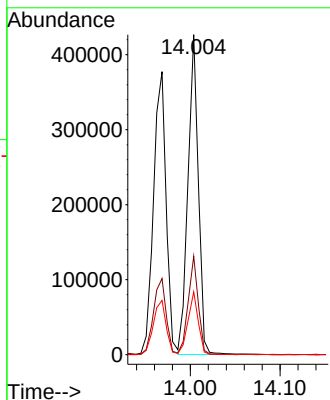
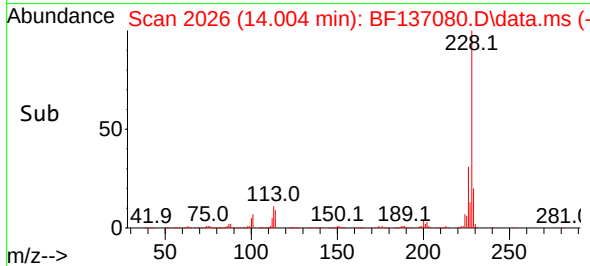
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



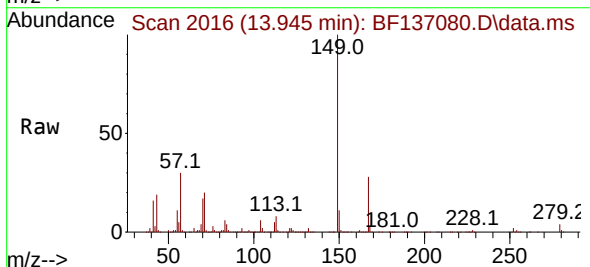
Tgt Ion:228 Resp: 343400  
Ion Ratio Lower Upper  
228 100  
226 30.8 24.7 37.1  
229 19.7 15.4 23.0

Manual Integrations  
APPROVED

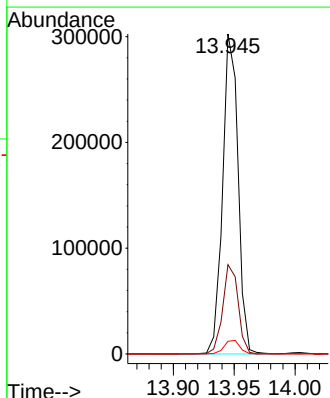
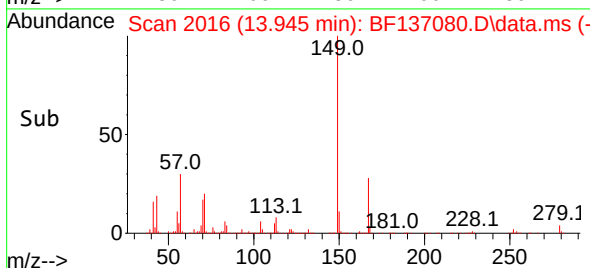
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024

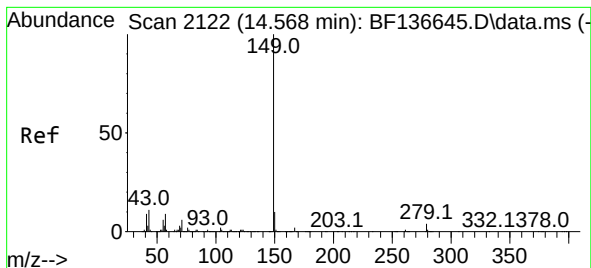


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.077 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37



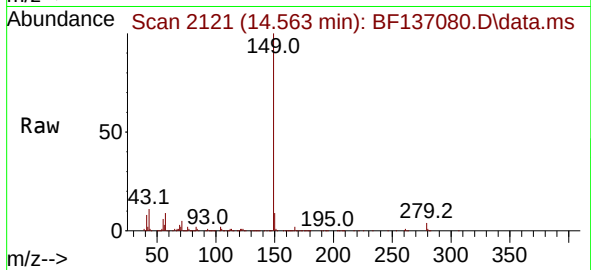
Tgt Ion:149 Resp: 266821  
Ion Ratio Lower Upper  
149 100  
167 27.9 20.9 31.3  
279 3.9 2.9 4.3





#85  
Di-n-octyl phthalate  
Concen: 47.458 ng  
RT: 14.563 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

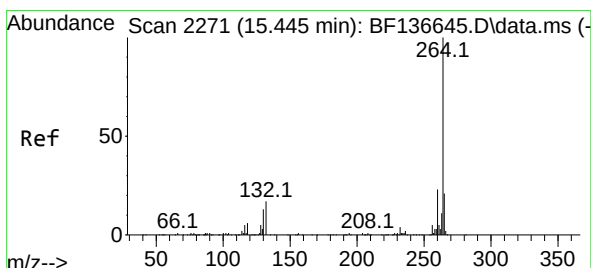
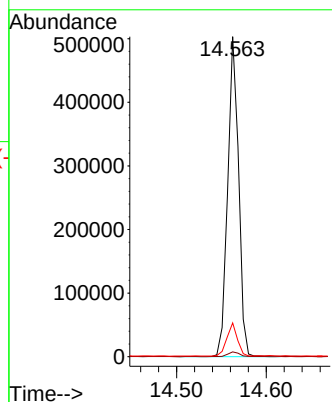
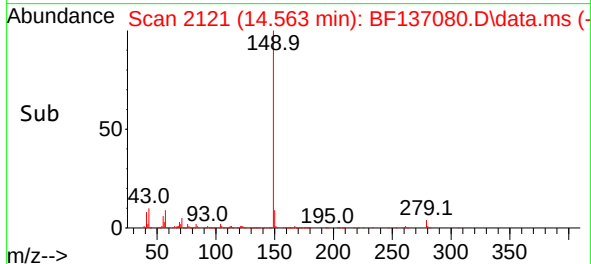
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:149 Resp: 425102  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 9.9 8.9 13.3

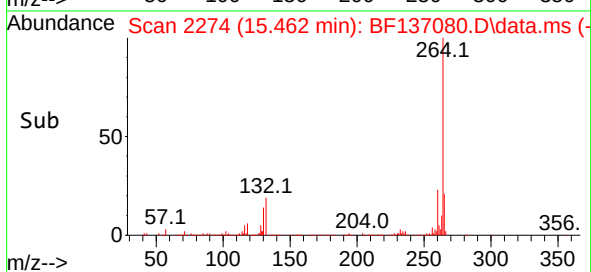
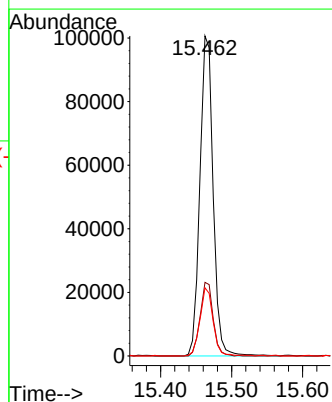
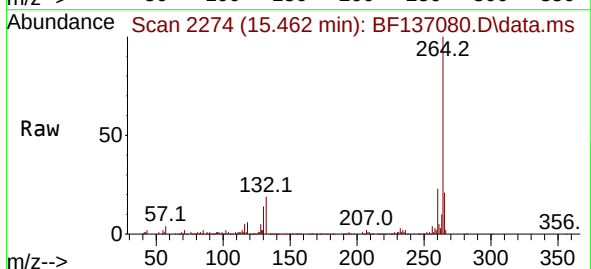
Manual Integrations  
APPROVED

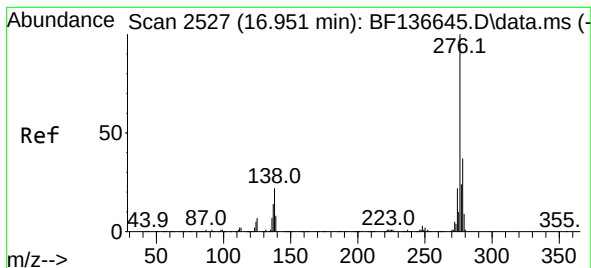
Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.462 min Scan# 2274  
Delta R.T. 0.018 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:264 Resp: 130737  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.3 27.5  
265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.271 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

Tgt Ion:276 Resp: 45564

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

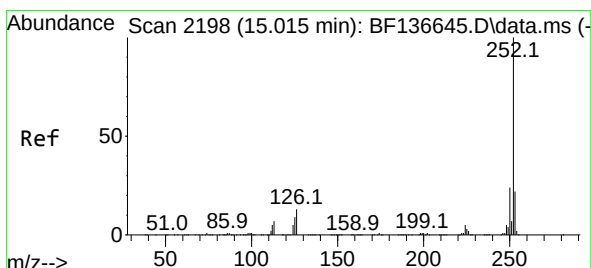
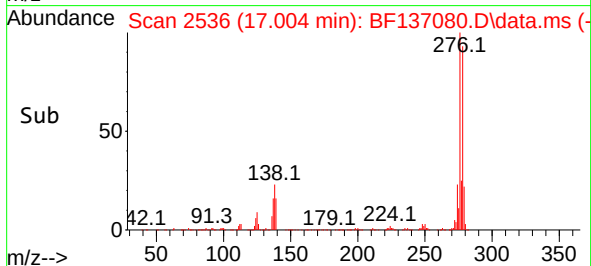
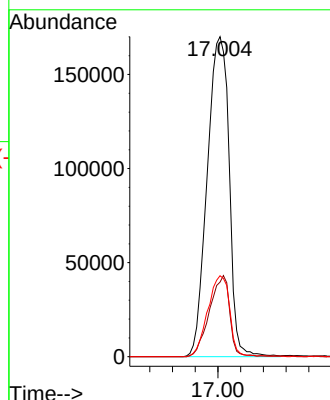
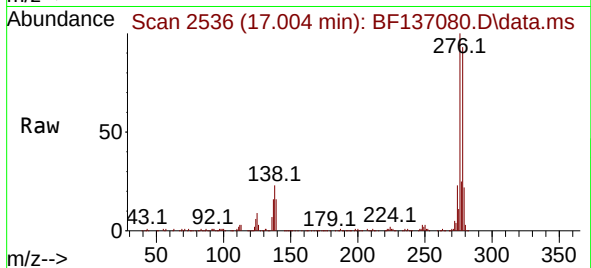
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#88

Benzo(b)fluoranthene

Concen: 41.376 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

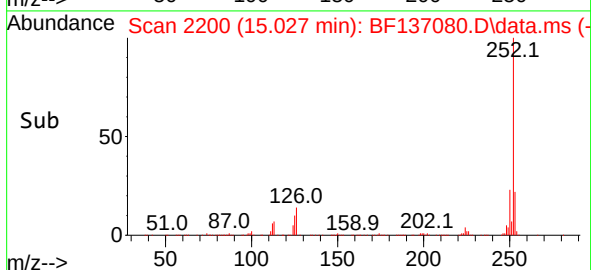
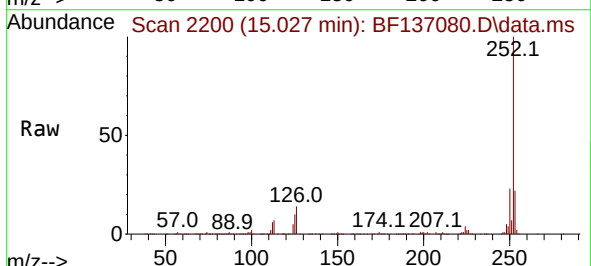
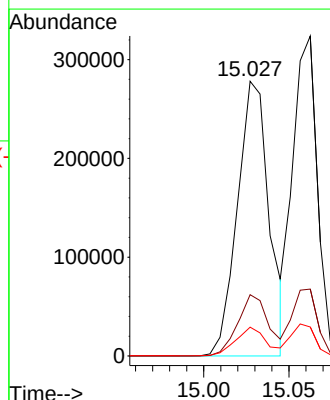
Tgt Ion:252 Resp: 361301

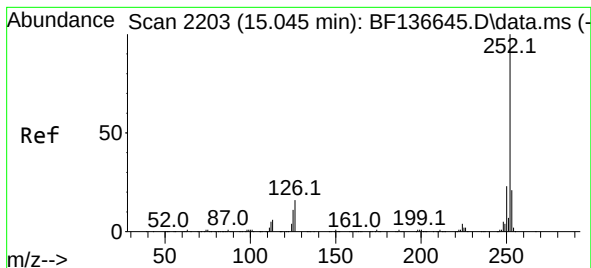
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.642 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.018 min

Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

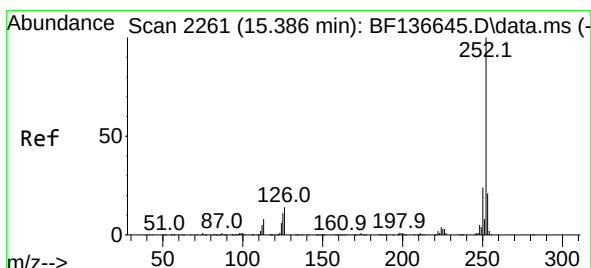
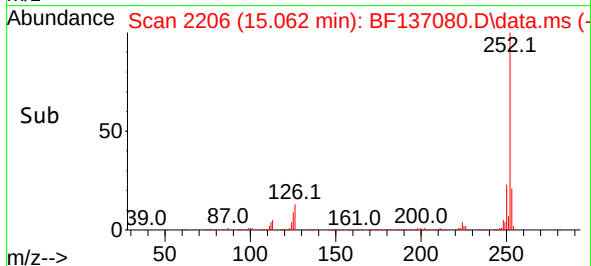
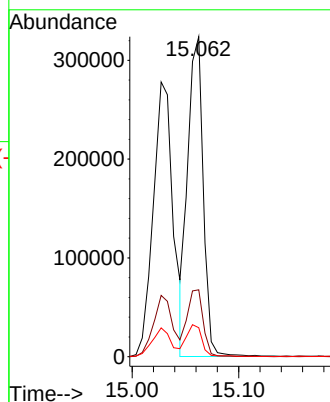
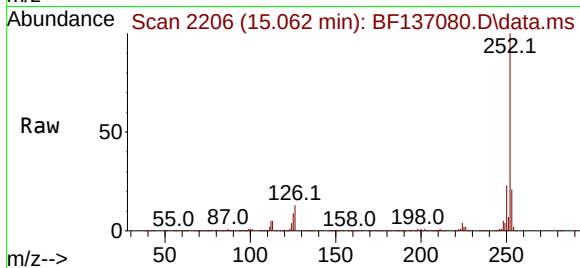
Tgt Ion:252 Resp: 327080  
 Ion Ratio Lower Upper  
 252 100  
 253 20.9 17.0 25.6  
 125 9.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#90

Benzo(a)pyrene

Concen: 42.636 ng

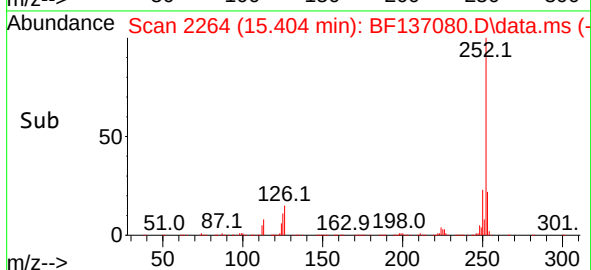
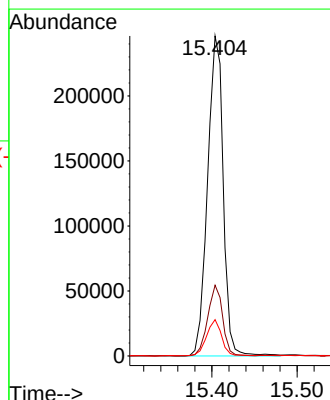
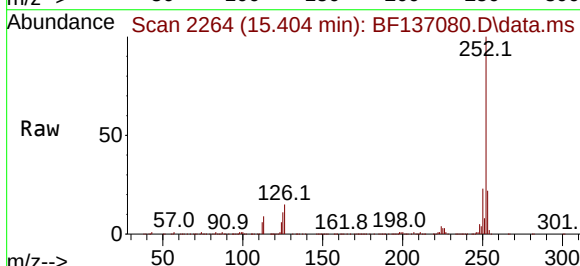
RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

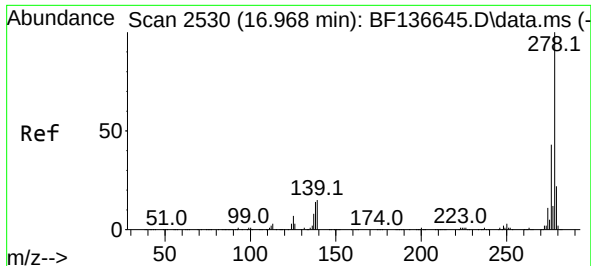
Lab File: BF137080.D

Acq: 16 Jan 2024 15:37

Tgt Ion:252 Resp: 314262  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.0 25.6  
 125 11.3 8.8 13.2

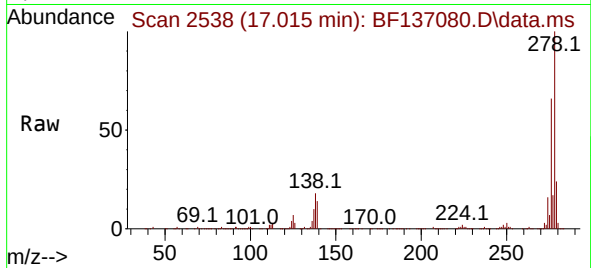






#91  
Dibenzo(a,h)anthracene  
Concen: 49.513 ng  
RT: 17.015 min Scan# 21  
Delta R.T. 0.047 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

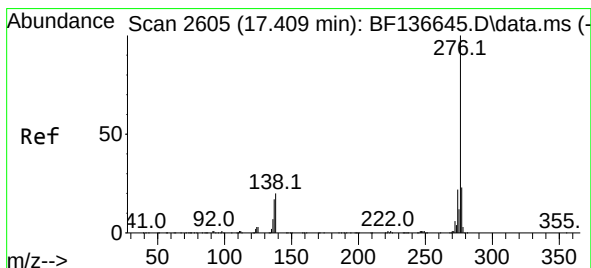
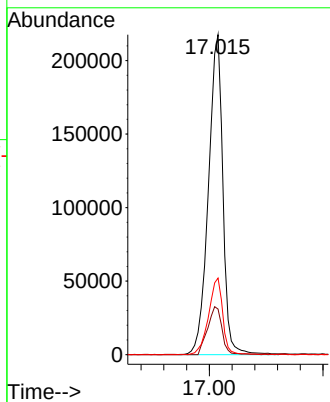
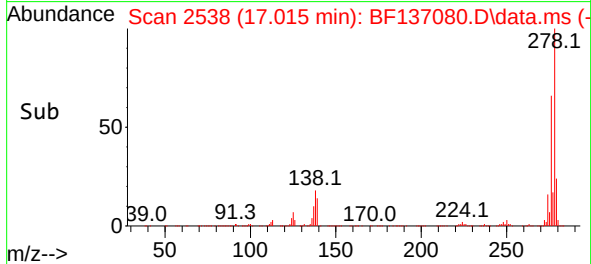
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01



Tgt Ion:278 Resp: 383430  
Ion Ratio Lower Upper  
278 100  
139 14.2 12.2 18.4  
279 24.0 17.8 26.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/18/2024  
Supervised By :mohammad ahmed 01/18/2024



#92  
Benzo(g,h,i)perylene  
Concen: 48.060 ng  
RT: 17.462 min Scan# 2614  
Delta R.T. 0.053 min  
Lab File: BF137080.D  
Acq: 16 Jan 2024 15:37

Tgt Ion:276 Resp: 381193  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.3 27.5  
138 20.9 15.6 23.4

