

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100623\  
 Data File : BF135628.D  
 Acq On : 06 Oct 2023 14:39  
 Operator : CG\JU  
 Sample : 04714-03MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023  
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 06 15:33:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 04 17:06:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.739  | 152  | 144142   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.022  | 136  | 546080   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.780  | 164  | 280118   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.274 | 188  | 538606   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.933 | 240  | 294429   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.398 | 264  | 299651   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 1188380  | 134.093 | ng    | 0.03     |
| 7) Phenol-d6                  | 6.404  | 99   | 1453357  | 128.969 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.310  | 82   | 991783   | 98.672  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.580 | 330  | 379868   | 136.462 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 1621854  | 87.353  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.868 | 244  | 1707194  | 89.885  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.651  | 88   | 196574   | 50.597  | ng    | # 80     |
| 3) Pyridine                   | 3.387  | 79   | 409783   | 39.190  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.316  | 42   | 308513   | 55.601  | ng    | 95       |
| 6) Aniline                    | 6.416  | 93   | 269461   | 18.235  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.534  | 128  | 519792   | 54.943  | ng    | 99       |
| 9) Benzaldehyde               | 6.304  | 77   | 202109   | 31.482  | ng    | 97       |
| 10) Phenol                    | 6.416  | 94   | 564367   | 45.672  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.487  | 93   | 571375   | 61.643  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.681  | 146  | 479207   | 49.841  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.757  | 146  | 480196   | 49.089  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.910  | 146  | 439116   | 48.338  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.898  | 79   | 425807   | 52.656  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.022  | 45   | 863551   | 49.427  | ng    | 61       |
| 17) 2-Methylphenol            | 7.016  | 107  | 389848   | 46.696  | ng    | # 87     |
| 18) Hexachloroethane          | 7.239  | 117  | 178569   | 49.405  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.163  | 70   | 333928   | 47.840  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.169  | 107  | 497758   | 49.583  | ng    | # 69     |
| 22) Acetophenone              | 7.157  | 105  | 671026   | 53.747  | ng    | # 90     |
| 24) Nitrobenzene              | 7.328  | 77   | 532583   | 53.609  | ng    | 98       |
| 25) Isophorone                | 7.569  | 82   | 982845   | 53.251  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.645  | 139  | 270827   | 56.800  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.686  | 122  | 395718   | 49.375  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.775  | 93   | 612271   | 55.424  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.892  | 162  | 415922   | 56.005  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 7.963  | 180  | 409679   | 52.778  | ng    | 99       |
| 31) Naphthalene               | 8.039  | 128  | 1372951  | 51.746  | ng    | 99       |
| 32) Benzoic acid              | 7.857  | 122  | 341518   | 56.589  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.116  | 127  | 114022m  | 9.795   | ng    |          |
| 34) Hexachlorobutadiene       | 8.151  | 225  | 230059   | 49.152  | ng    | 99       |
| 35) Caprolactam               | 8.492  | 113  | 134212m  | 53.848  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.604  | 107  | 457566   | 55.436  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.733  | 142  | 883535   | 49.539  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.833  | 142  | 843627   | 50.523  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.904  | 216  | 418380   | 51.555  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.880  | 237  | 212322   | 61.281  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 285036   | 53.645  | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100623\  
 Data File : BF135628.D  
 Acq On : 06 Oct 2023 14:39  
 Operator : CG\JU  
 Sample : 04714-03MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023  
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 06 15:33:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 04 17:06:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.075  | 196  | 299788   | 48.993  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.204  | 154  | 1119101  | 51.987  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.227  | 162  | 840080   | 53.786  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.333  | 65   | 342322   | 56.416  | ng    | 96       |
| 49) Acenaphthylene            | 9.639  | 152  | 1337617  | 51.531  | ng    | 100      |
| 50) Dimethylphthalate         | 9.510  | 163  | 1015612  | 53.626  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.580  | 165  | 220604   | 53.172  | ng    | 98       |
| 52) Acenaphthene              | 9.816  | 154  | 796139   | 51.919  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.751  | 138  | 125417   | 25.753  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.875  | 184  | 239823   | 100.119 | ng    | 95       |
| 55) Dibenzofuran              | 9.986  | 168  | 1121885  | 47.944  | ng    | 96       |
| 56) 4-Nitrophenol             | 9.945  | 139  | 254938   | 82.366  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 9.992  | 165  | 262035   | 50.449  | ng    | # 84     |
| 58) Fluorene                  | 10.333 | 166  | 918161   | 51.041  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.116 | 232  | 248785   | 52.855  | ng    | 99       |
| 60) Diethylphthalate          | 10.210 | 149  | 999206   | 52.571  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204  | 425749   | 49.269  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.374 | 138  | 234624   | 50.119  | ng    | 99       |
| 63) Azobenzene                | 10.486 | 77   | 1004497  | 54.000  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.410 | 198  | 155656   | 54.412  | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.451 | 169  | 853050   | 52.315  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.816 | 248  | 271815   | 50.742  | ng    | 98       |
| 68) Hexachlorobenzene         | 10.880 | 284  | 292087   | 53.521  | ng    | # 91     |
| 69) Atrazine                  | 10.986 | 200  | 268721   | 61.247  | ng    | 98       |
| 70) Pentachlorophenol         | 11.086 | 266  | 284228   | 87.049  | ng    | 99       |
| 71) Phenanthrene              | 11.298 | 178  | 1341999  | 52.682  | ng    | 99       |
| 72) Anthracene                | 11.351 | 178  | 1368524  | 52.265  | ng    | 100      |
| 73) Carbazole                 | 11.516 | 167  | 1297382  | 54.429  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.839 | 149  | 1570428  | 55.913  | ng    | 99       |
| 75) Fluoranthene              | 12.492 | 202  | 1416929  | 53.382  | ng    | 98       |
| 77) Benzidine                 | 12.621 | 184  | 202030   | 33.493  | ng    | 99       |
| 78) Pyrene                    | 12.727 | 202  | 1437989  | 51.298  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.345 | 149  | 591489   | 59.931  | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.921 | 228  | 1048154  | 55.131  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.886 | 252  | 213618   | 35.972  | ng    | 98       |
| 83) Chrysene                  | 13.962 | 228  | 972894   | 51.469  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.904 | 149  | 753512   | 74.400  | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.521 | 149  | 1130188  | 70.219  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.898 | 276  | 1018151  | 51.822  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.974 | 252  | 899169m  | 55.432  | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 841043   | 52.488  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.339 | 252  | 792743   | 51.247  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.903 | 278  | 820687   | 51.052  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.339 | 276  | 855547   | 50.959  | ng    | 97       |

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

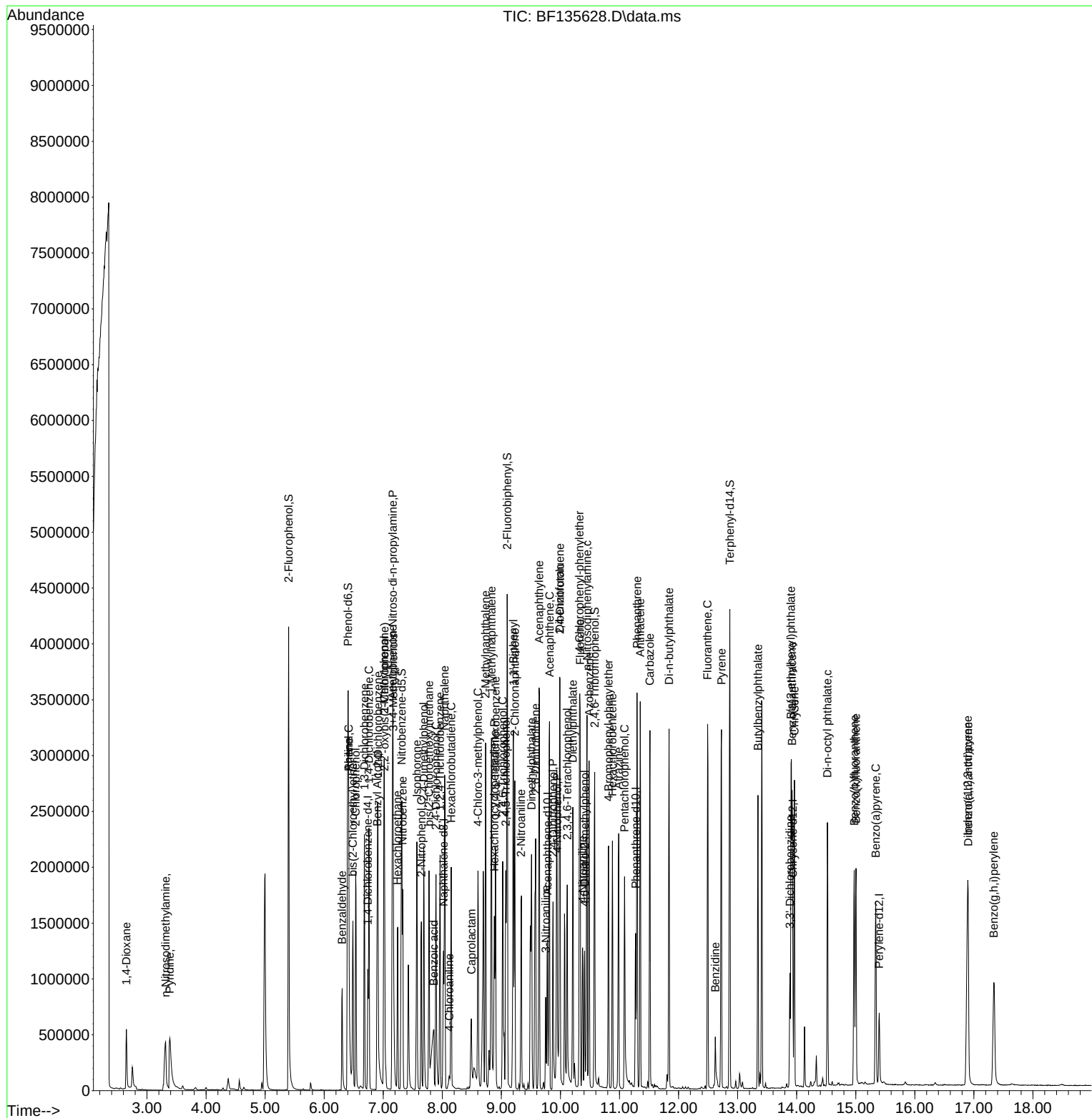
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100623\  
Data File : BF135628.D  
Acq On : 06 Oct 2023 14:39  
Operator : CG\JU  
Sample : 04714-03MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

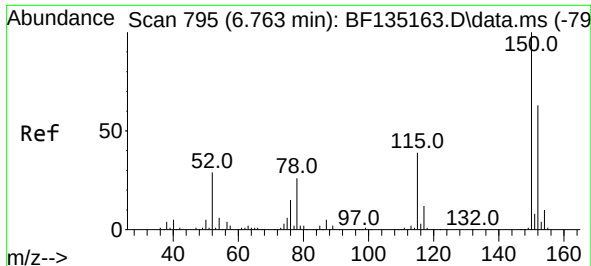
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD

Quant Time: Oct 06 15:33:11 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 04 17:06:20 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

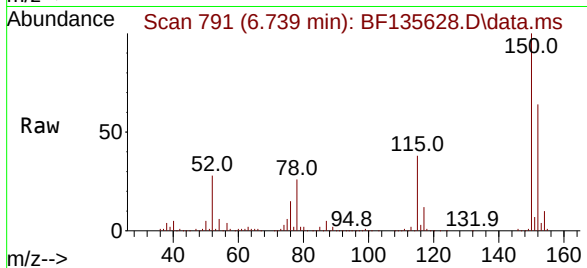
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.739 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

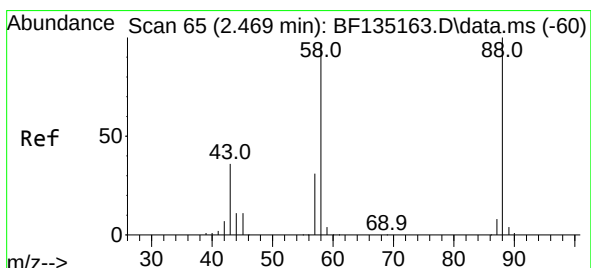
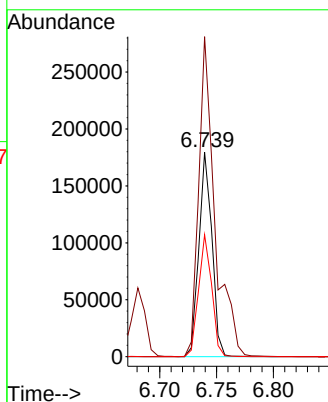
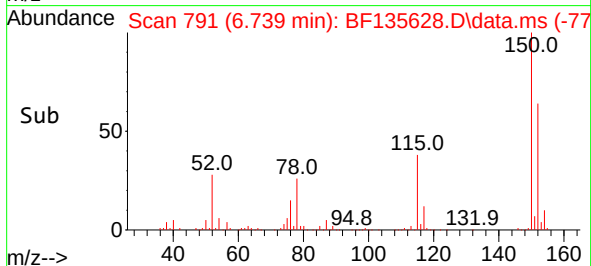
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:152 Resp: 14414  
Ion Ratio Lower Upper  
152 100  
150 156.5 127.8 191.6  
115 59.6 49.8 74.8

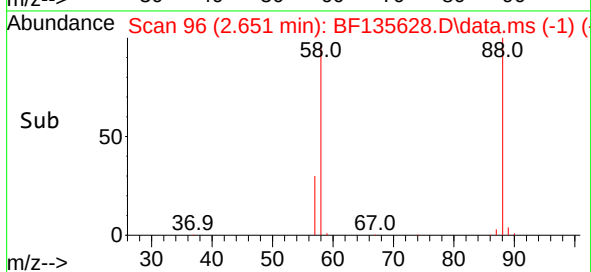
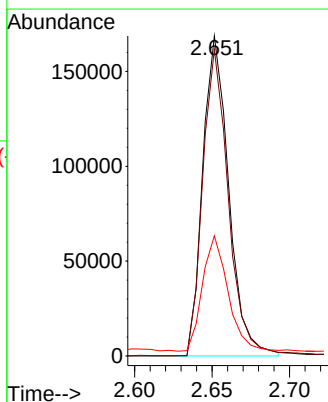
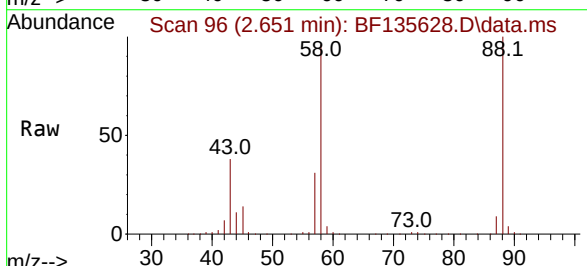
Manual Integrations  
APPROVED

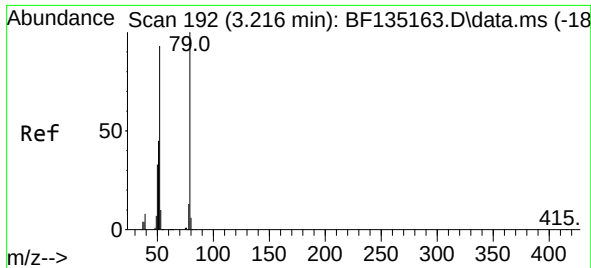
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#2  
1,4-Dioxane  
Concen: 50.597 ng  
RT: 2.651 min Scan# 96  
Delta R.T. 0.229 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

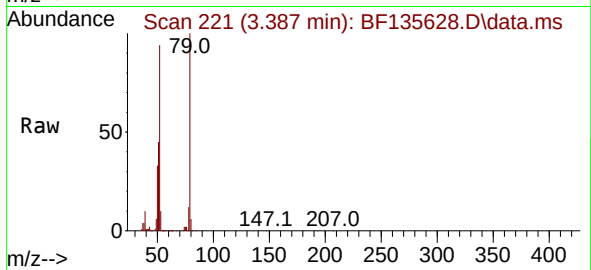
Tgt Ion: 88 Resp: 196574  
Ion Ratio Lower Upper  
88 100  
58 94.3 78.3 117.5  
43 0.0 29.4 44.0#





#3  
Pyridine  
Concen: 39.190 ng  
RT: 3.387 min Scan# 210  
Delta R.T. 0.224 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

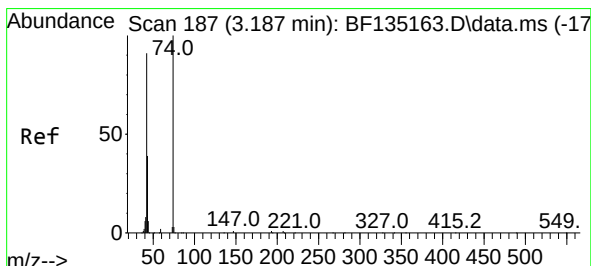
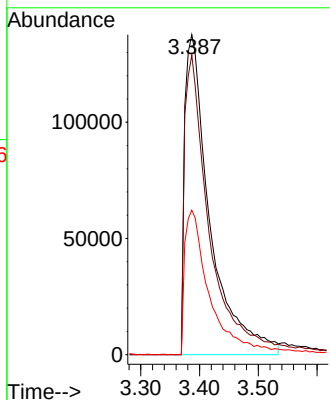
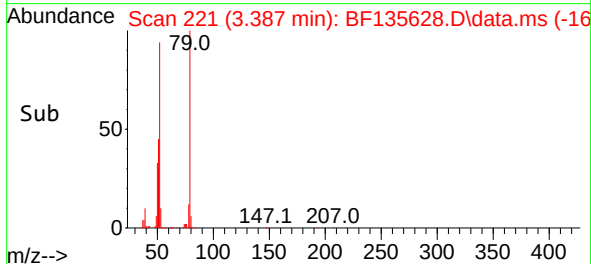
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



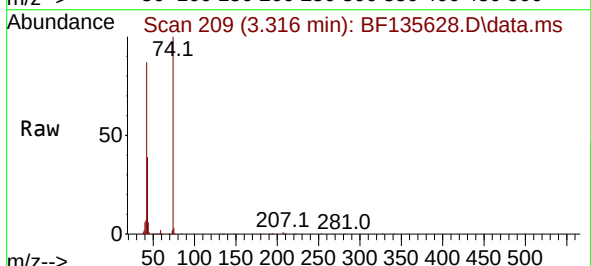
Tgt Ion: 79 Resp: 40978  
Ion Ratio Lower Upper  
79 100  
52 93.7 74.1 111.1  
51 45.1 35.8 53.8

Manual Integrations  
APPROVED

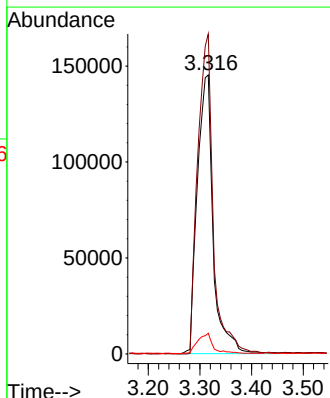
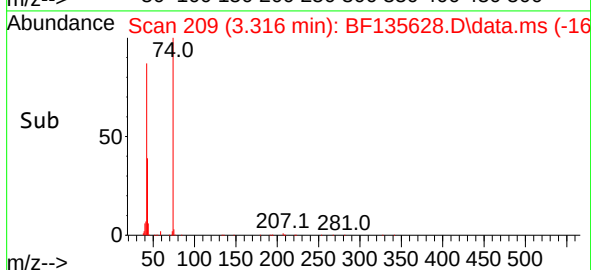
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

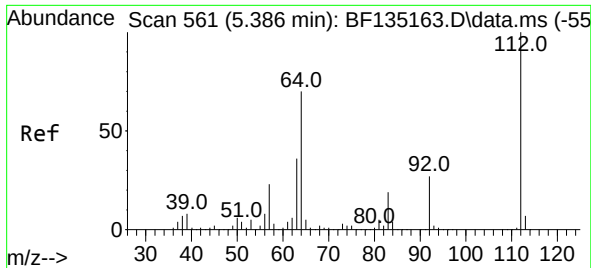


#4  
n-Nitrosodimethylamine  
Concen: 55.601 ng  
RT: 3.316 min Scan# 209  
Delta R.T. 0.182 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion: 42 Resp: 308513  
Ion Ratio Lower Upper  
42 100  
74 114.7 87.7 131.5  
44 7.4 5.6 8.4





#5  
2-Fluorophenol  
Concen: 134.093 ng  
RT: 5.398 min Scan# 501  
Delta R.T. 0.029 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

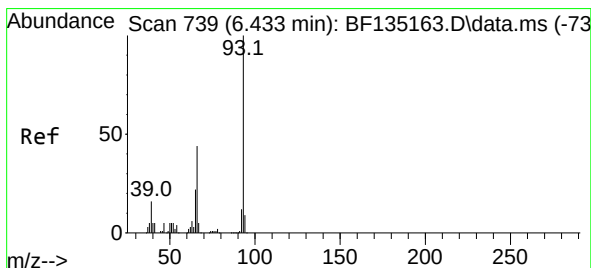
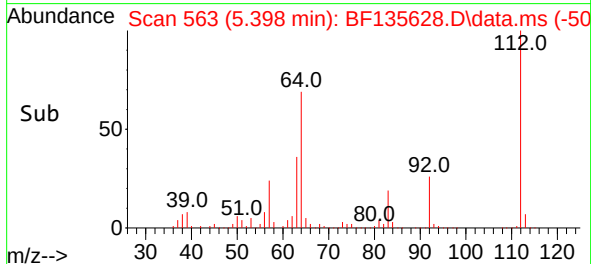
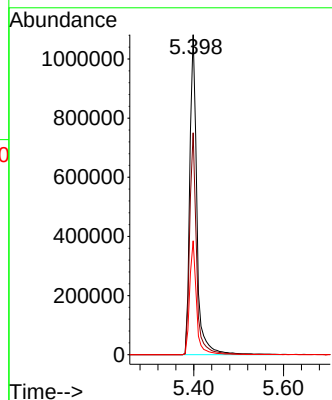
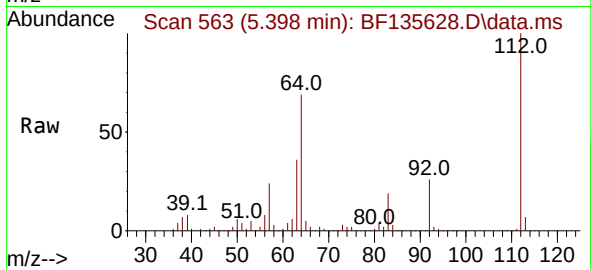
TP-1MSD

Tgt Ion:112 Resp: 1188380  
Ion Ratio Lower Upper  
112 100  
64 69.4 55.9 83.9  
63 35.6 29.0 43.6

Manual Integrations

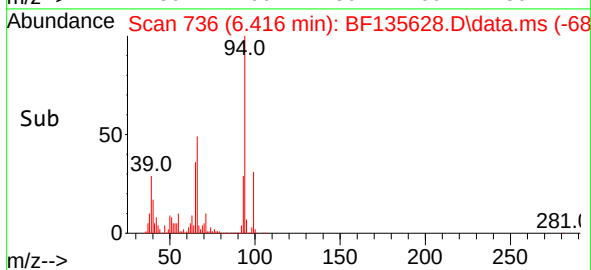
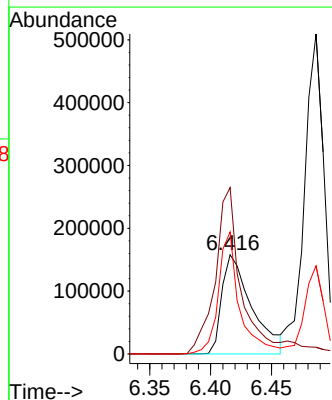
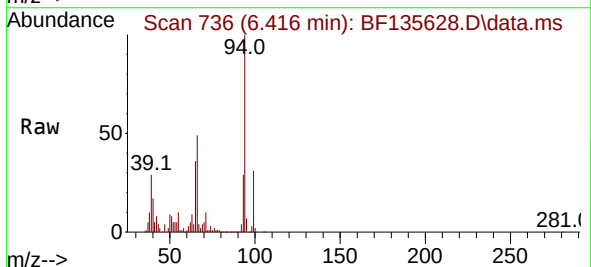
APPROVED

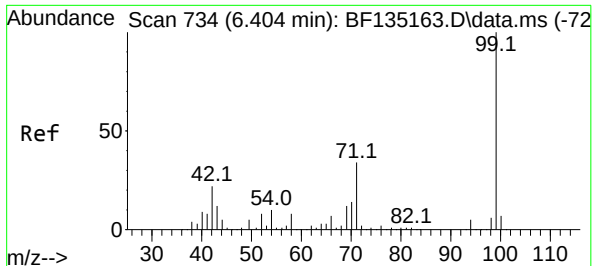
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#6  
Aniline  
Concen: 18.235 ng  
RT: 6.416 min Scan# 736  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

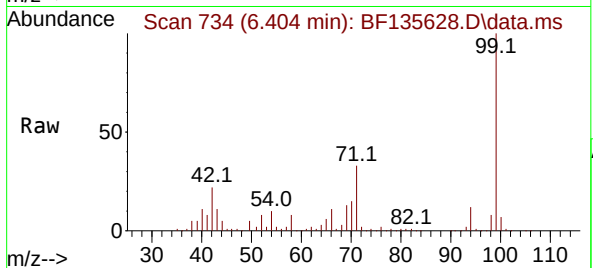
Tgt Ion: 93 Resp: 269461  
Ion Ratio Lower Upper  
93 100  
66 167.6 35.4 53.0#  
65 122.9 17.8 26.8#





#7  
Phenol-d6  
Concen: 128.969 ng  
RT: 6.404 min Scan# 71  
Delta R.T. 0.018 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

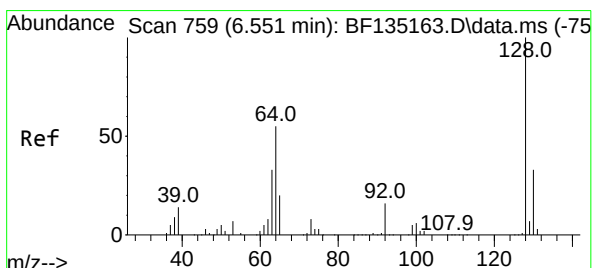
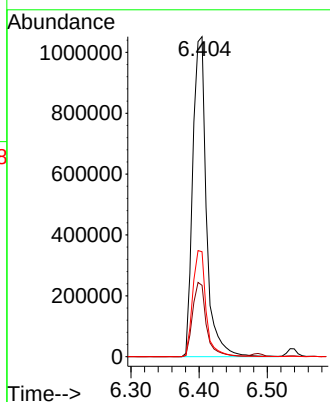
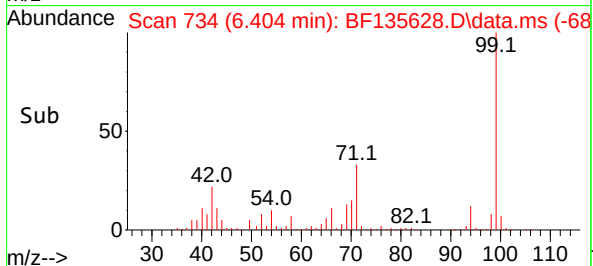
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



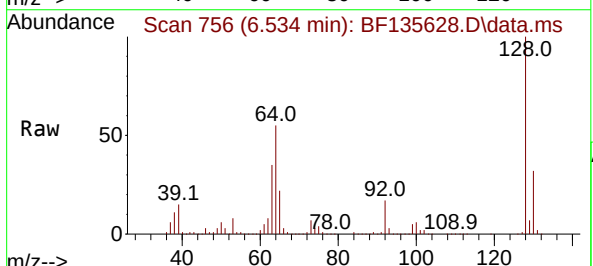
Tgt Ion: 99 Resp: 145335  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.9 26.9  
71 32.8 27.0 40.6

Manual Integrations  
APPROVED

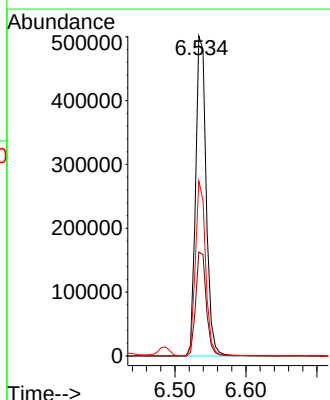
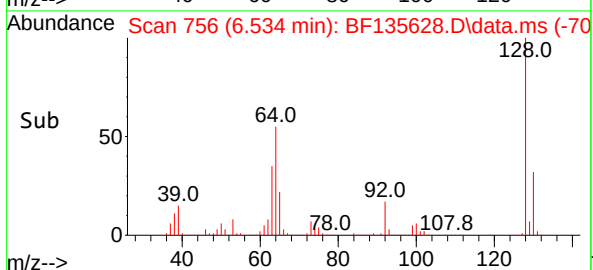
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

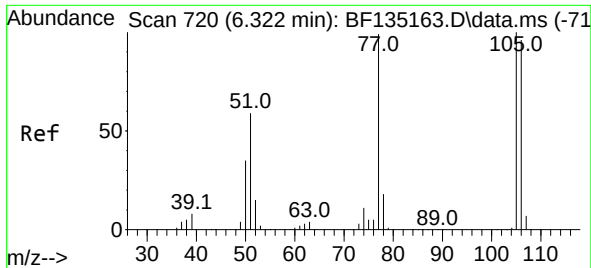


#8  
2-Chlorophenol  
Concen: 54.943 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion:128 Resp: 519792  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.7 52.7  
64 54.6 35.9 75.9





#9

Benzaldehyde

Concen: 31.482 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 202109

Ion Ratio Lower Upper

77 100

105 103.6 81.4 121.4

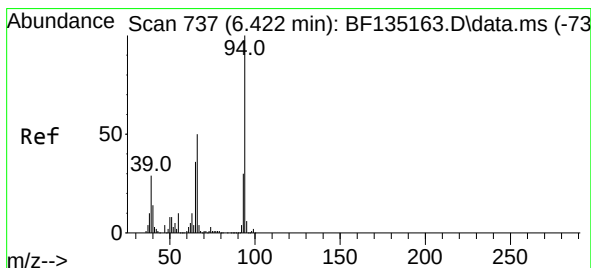
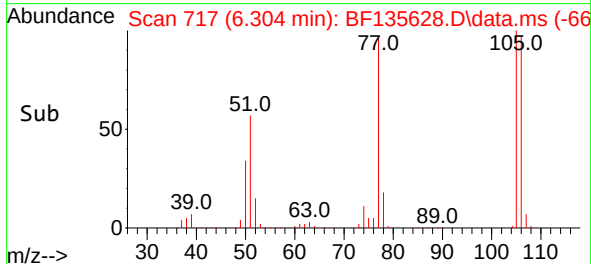
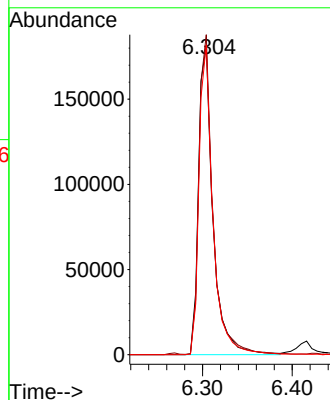
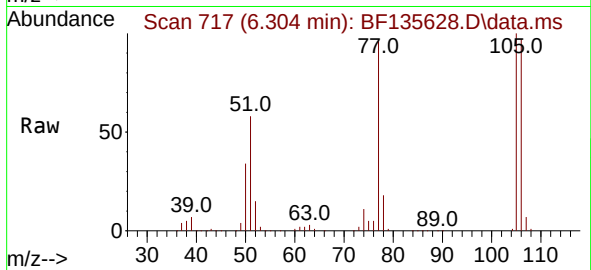
106 100.4 76.9 116.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#10

Phenol

Concen: 45.672 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

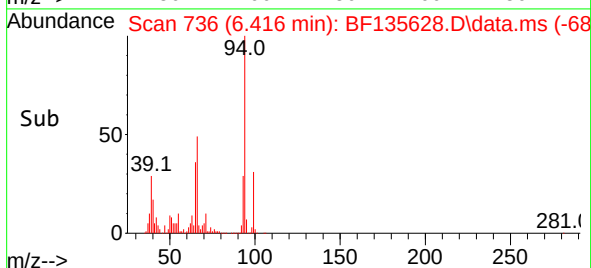
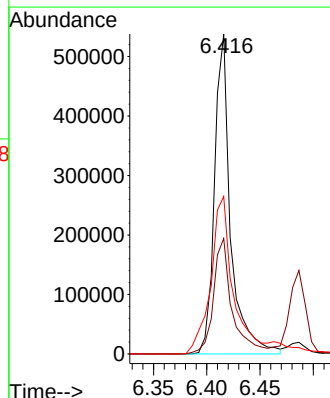
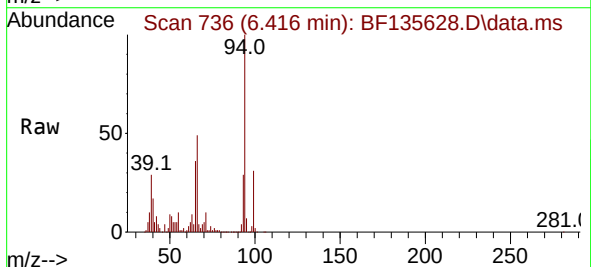
Tgt Ion: 94 Resp: 564367

Ion Ratio Lower Upper

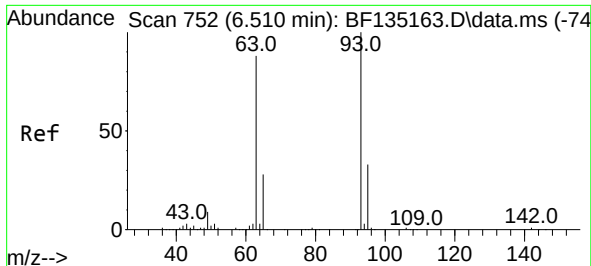
94 100

65 36.1 15.9 55.9

66 49.2 29.8 69.8

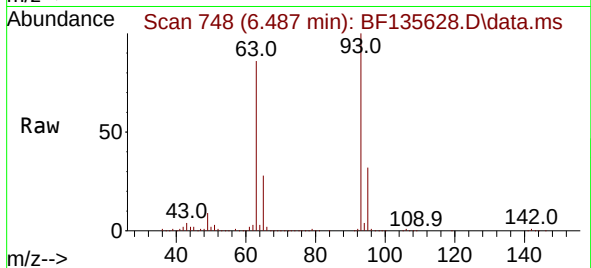






#11  
bis(2-Chloroethyl)ether  
Concen: 61.643 ng  
RT: 6.487 min Scan# 748  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

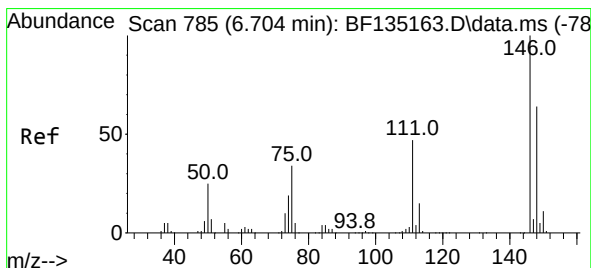
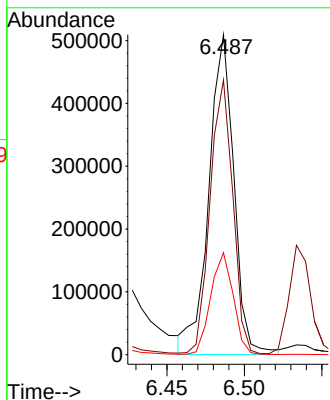
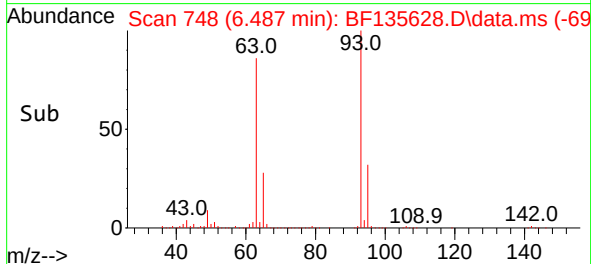
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion: 93 Resp: 57137  
Ion Ratio Lower Upper  
93 100  
63 85.9 67.3 107.3  
95 31.8 12.7 52.7

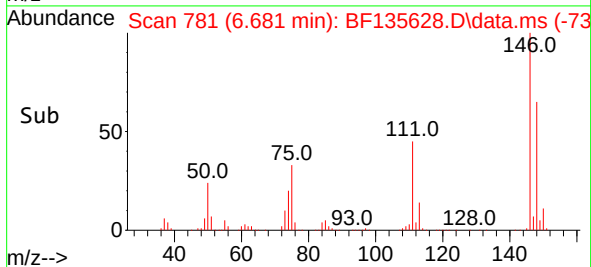
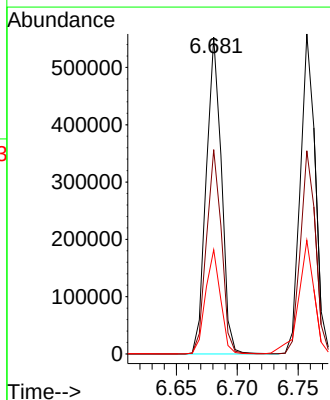
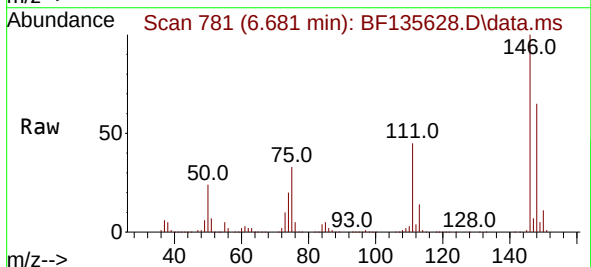
Manual Integrations  
APPROVED

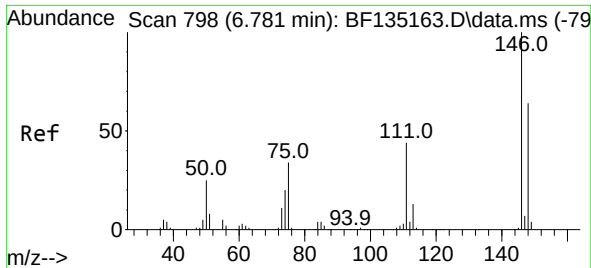
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#12  
1,3-Dichlorobenzene  
Concen: 49.841 ng  
RT: 6.681 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

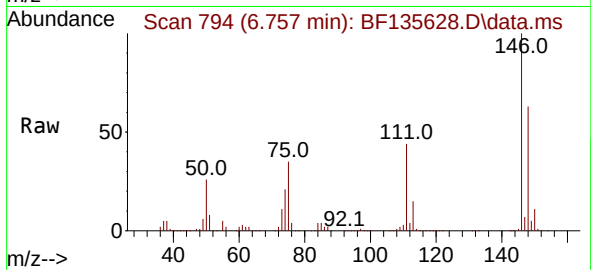
Tgt Ion:146 Resp: 479207  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.3 76.9  
75 32.9 27.4 41.2





#13  
1,4-Dichlorobenzene  
Concen: 49.089 ng  
RT: 6.757 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

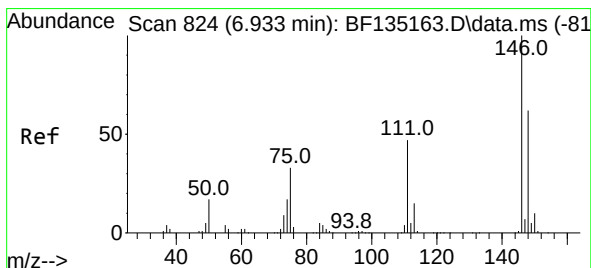
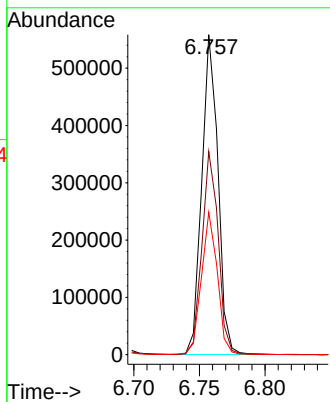
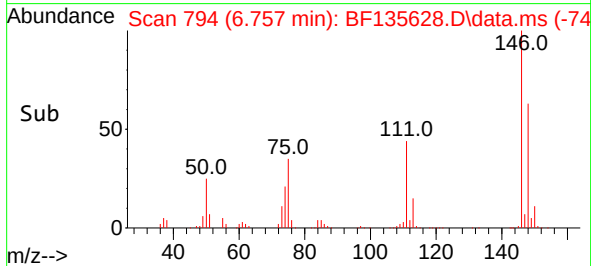
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



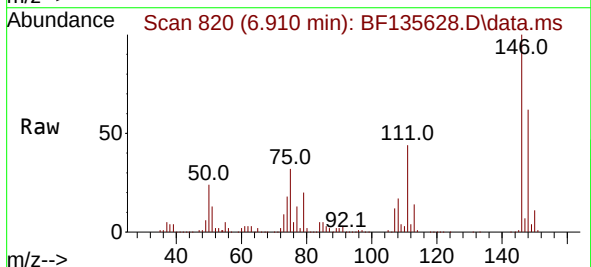
Tgt Ion:146 Resp: 480190  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.3 76.9  
111 44.5 35.1 52.7

Manual Integrations  
APPROVED

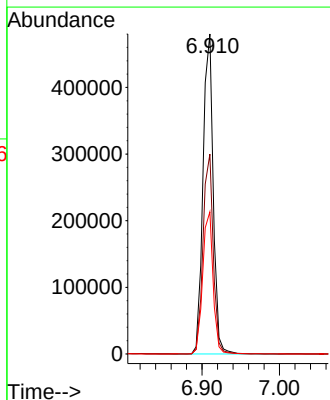
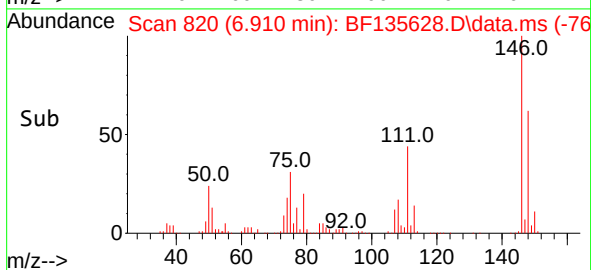
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

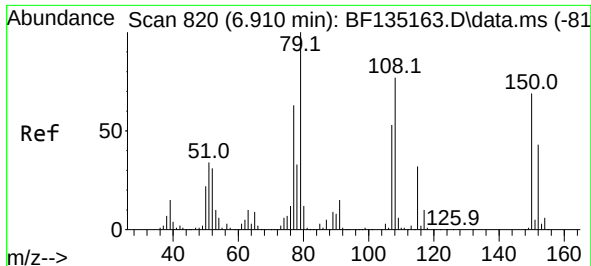


#14  
1,2-Dichlorobenzene  
Concen: 48.338 ng  
RT: 6.910 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion:146 Resp: 439116  
Ion Ratio Lower Upper  
146 100  
148 62.4 49.7 74.5  
111 44.4 37.4 56.2





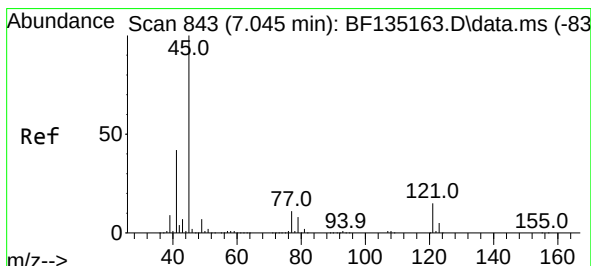
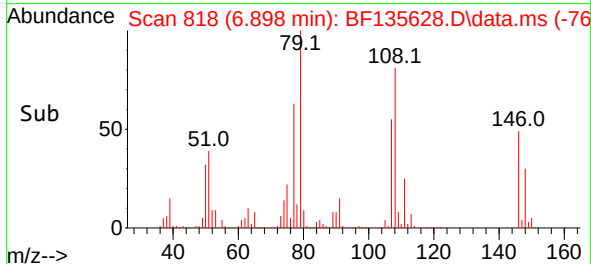
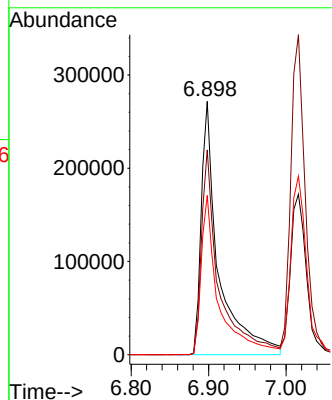
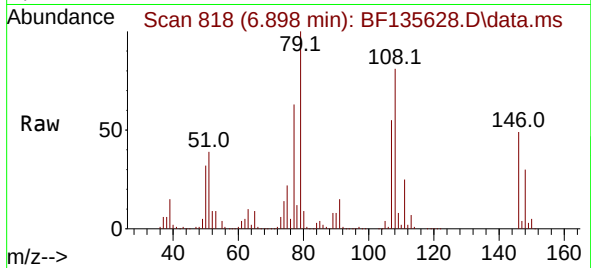
#15  
Benzyl Alcohol  
Concen: 52.656 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD

Tgt Ion: 79 Resp: 42580  
Ion Ratio Lower Upper  
79 100  
108 80.8 61.2 91.8  
77 62.8 50.5 75.7

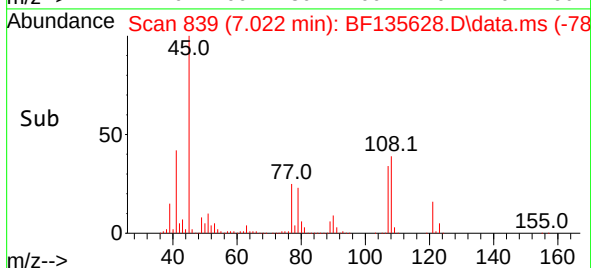
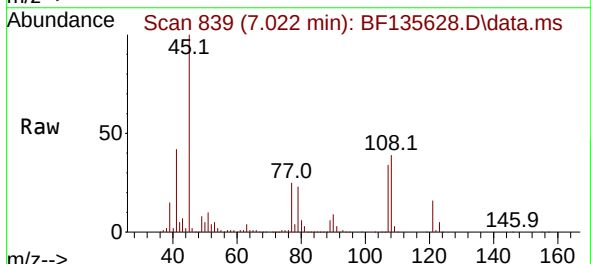
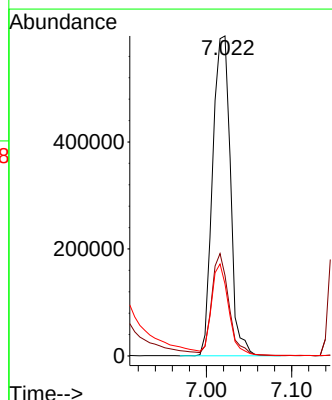
Manual Integrations  
APPROVED

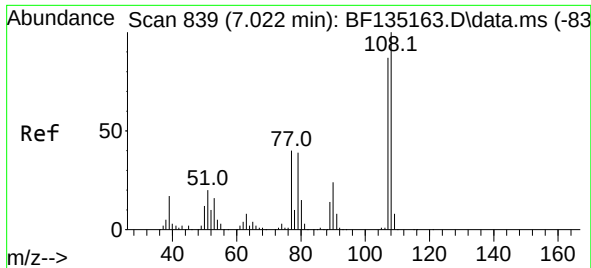
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.427 ng  
RT: 7.022 min Scan# 839  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

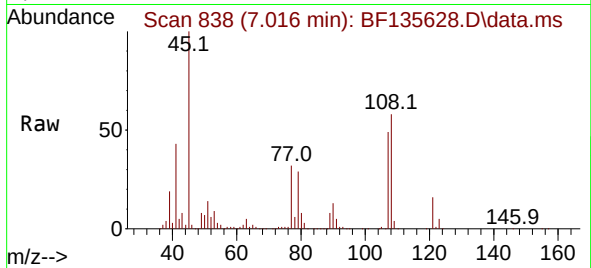
Tgt Ion: 45 Resp: 863551  
Ion Ratio Lower Upper  
45 100  
77 25.1 0.0 30.6  
79 22.5 0.0 28.3





#17  
2-Methylphenol  
Concen: 46.696 ng  
RT: 7.016 min Scan# 811  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

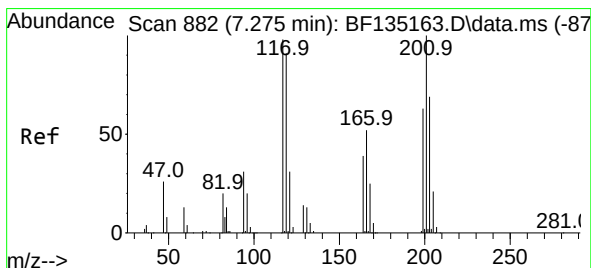
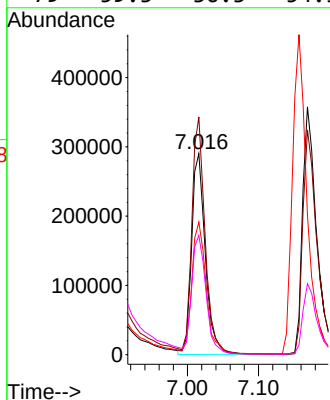
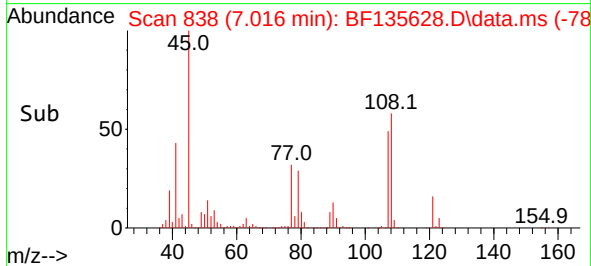
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:107 Resp: 38984  
Ion Ratio Lower Upper  
107 100  
108 118.2 92.0 138.0  
77 66.0 36.7 55.1  
79 59.3 36.3 54.5#

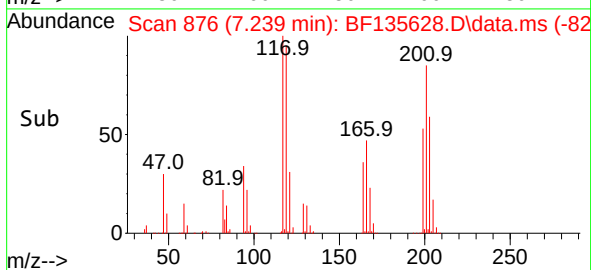
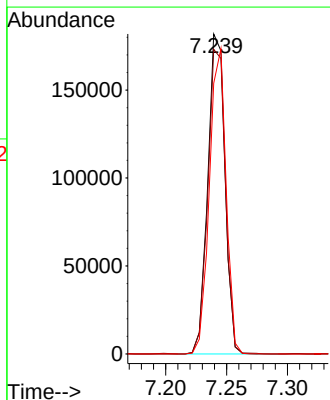
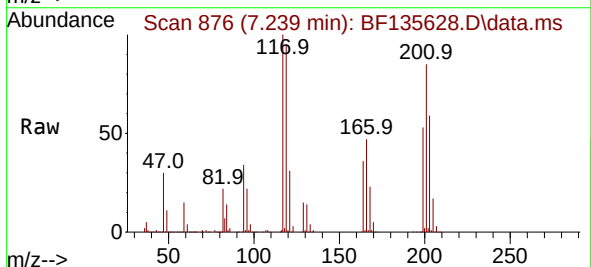
Manual Integrations  
APPROVED

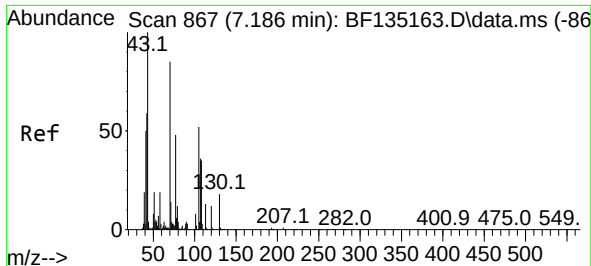
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#18  
Hexachloroethane  
Concen: 49.405 ng  
RT: 7.239 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Tgt Ion:117 Resp: 178569  
Ion Ratio Lower Upper  
117 100  
119 95.2 74.7 112.1  
201 84.6 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.840 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF135628.D

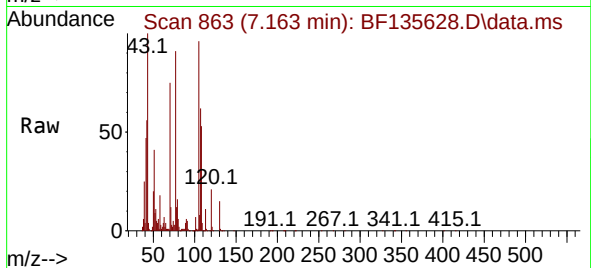
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD



Tgt Ion: 70 Resp: 333928

Ion Ratio Lower Upper

70 100

42 74.7 55.4 83.0

101 9.9 7.7 11.5

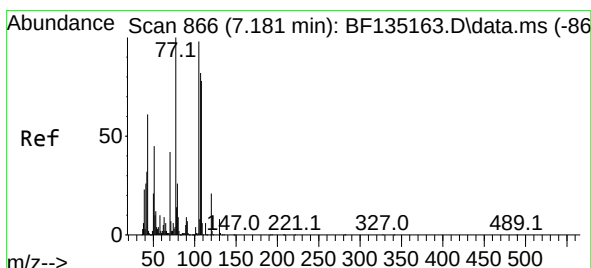
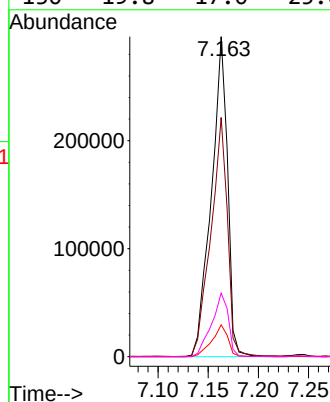
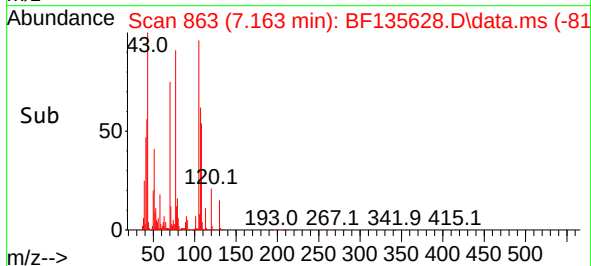
130 19.8 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#20

3+4-Methylphenols

Concen: 49.583 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Tgt Ion:107 Resp: 497758

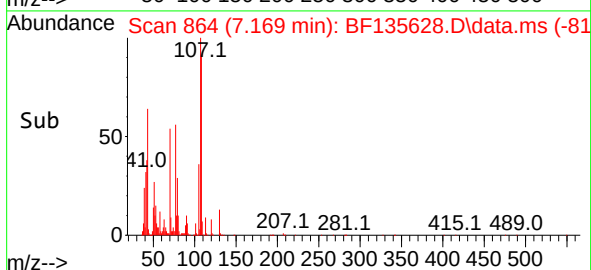
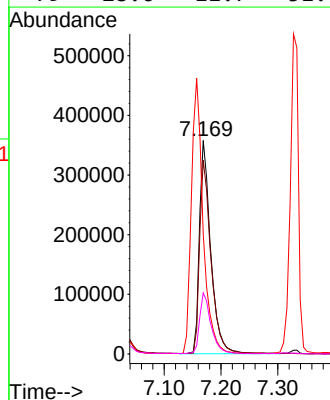
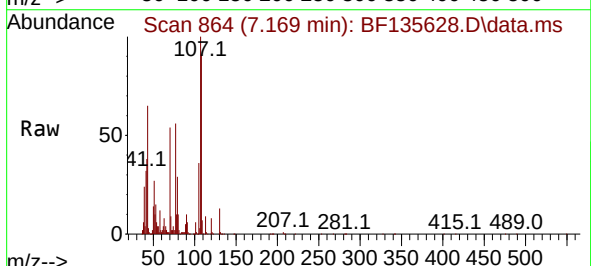
Ion Ratio Lower Upper

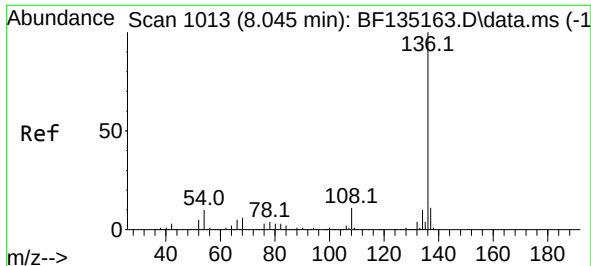
107 100

108 90.7 74.7 114.7

77 56.2 102.0 142.0#

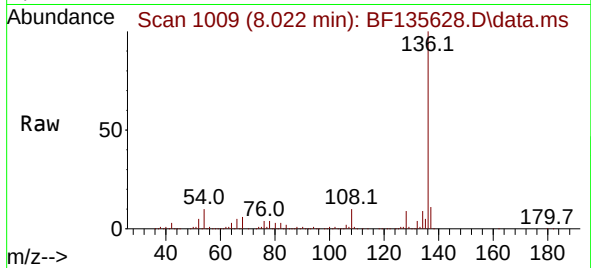
79 28.6 11.7 51.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 1013  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

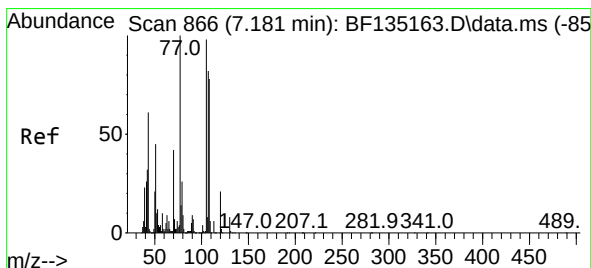
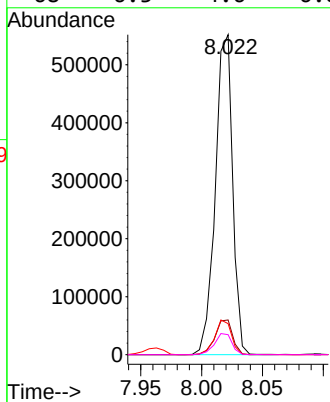
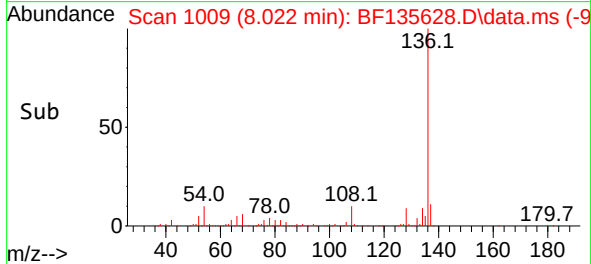
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:136 Resp: 546080  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 9.7 7.7 11.5  
68 6.3 4.6 6.8

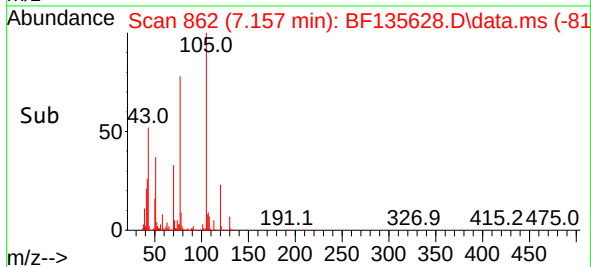
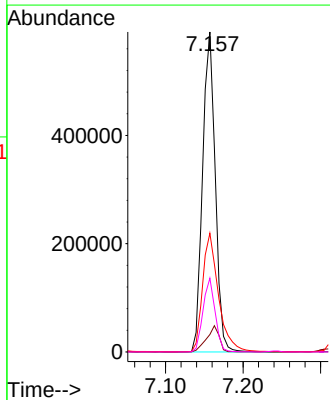
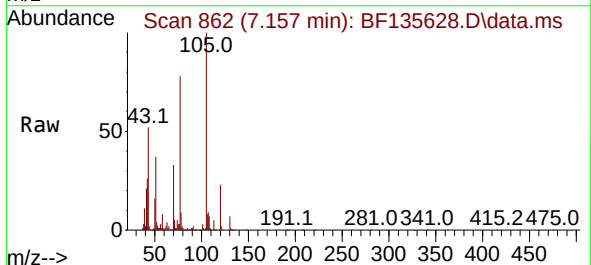
Manual Integrations  
APPROVED

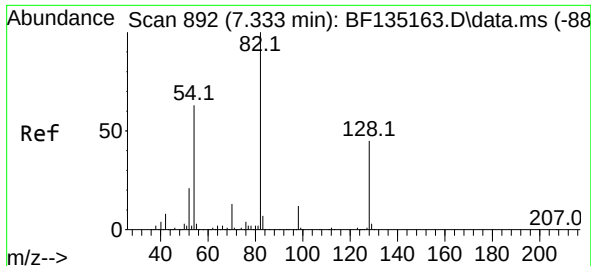
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#22  
Acetophenone  
Concen: 53.747 ng  
RT: 7.157 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Tgt Ion:105 Resp: 671026  
Ion Ratio Lower Upper  
105 100  
71 5.4 5.8 8.6#  
51 37.1 37.0 55.4  
120 23.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.672 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD

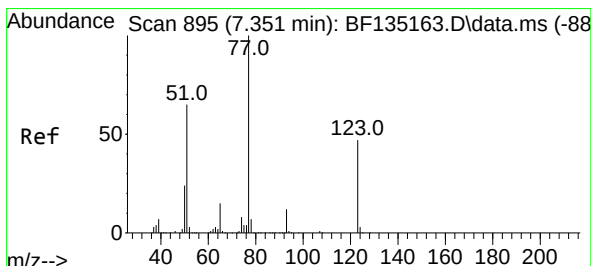
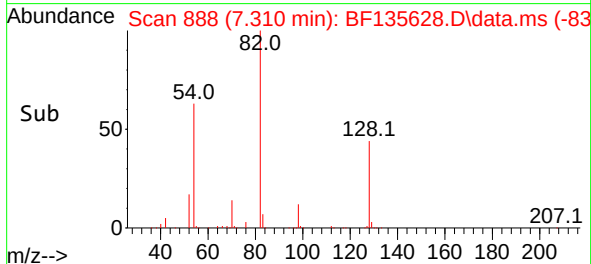
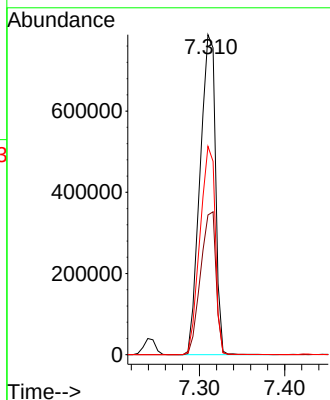
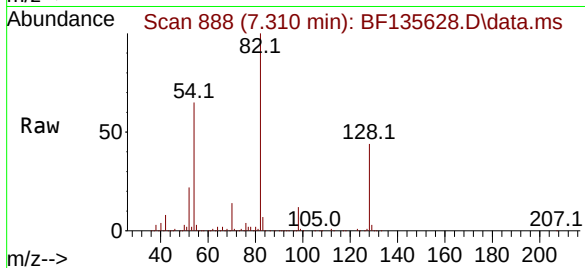
Tgt Ion: 82 Resp: 99178

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.7  | 35.8  | 53.6  |
| 54  | 65.1  | 50.6  | 76.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#24

Nitrobenzene

Concen: 53.609 ng

RT: 7.328 min Scan# 891

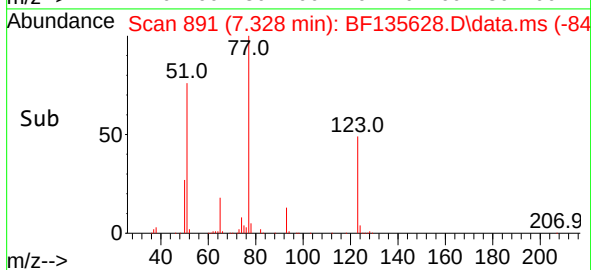
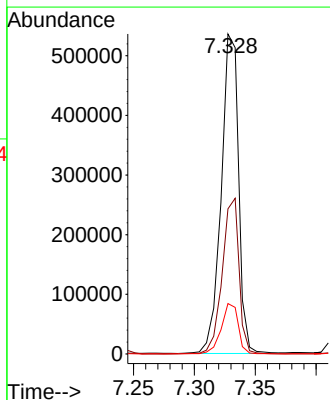
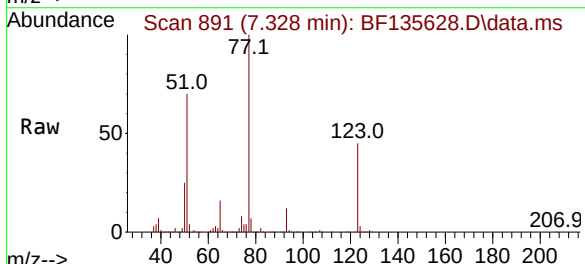
Delta R.T. 0.000 min

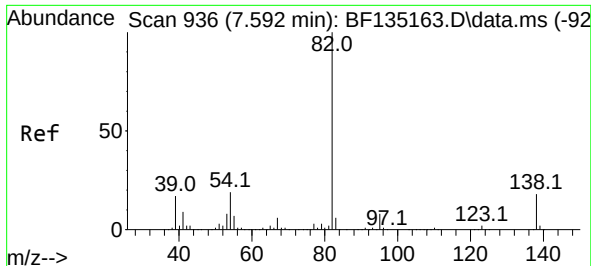
Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Tgt Ion: 77 Resp: 532583

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.4  | 37.6  | 56.4  |
| 65  | 15.8  | 12.2  | 18.4  |





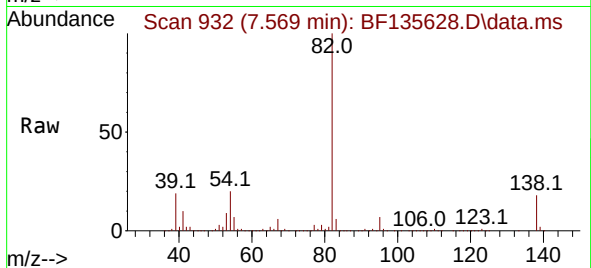
#25  
Isophorone  
Concen: 53.251 ng  
RT: 7.569 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD

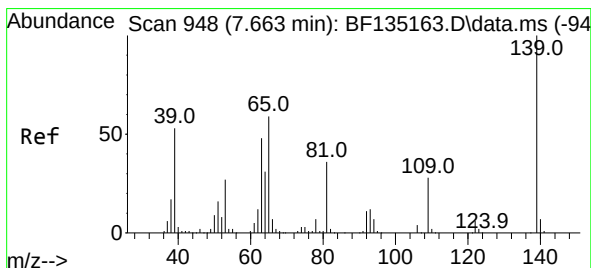
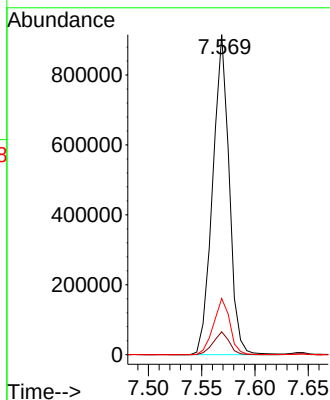
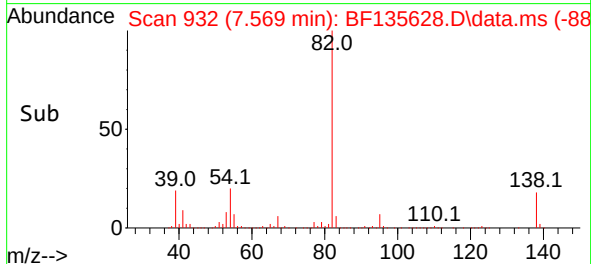


Tgt Ion: 82 Resp: 98284  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.0 9.0  
138 17.6 14.5 21.7

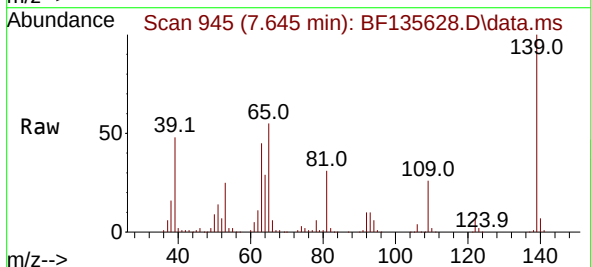
Manual Integrations

APPROVED

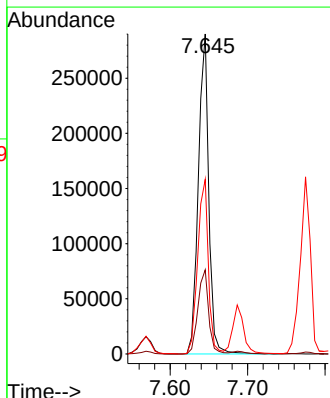
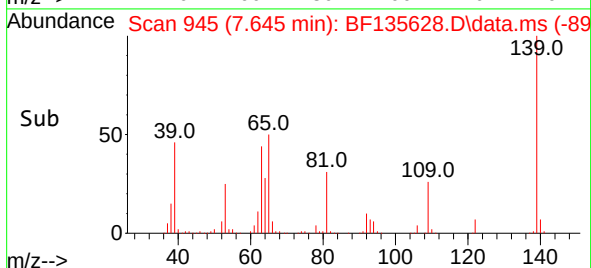
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



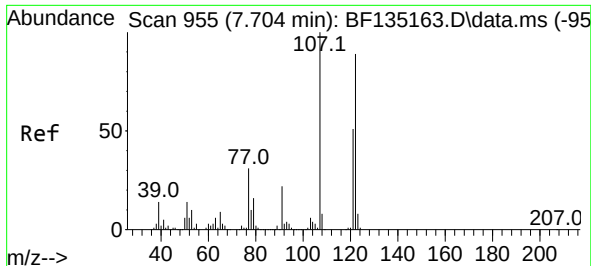
#26  
2-Nitrophenol  
Concen: 56.800 ng  
RT: 7.645 min Scan# 945  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion:139 Resp: 270827  
Ion Ratio Lower Upper  
139 100  
109 26.3 22.6 33.8  
65 54.5 47.0 70.4







#27

2,4-Dimethylphenol

Concen: 49.375 ng

RT: 7.686 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF135628.D

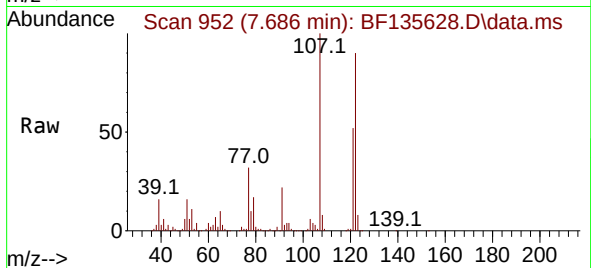
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD



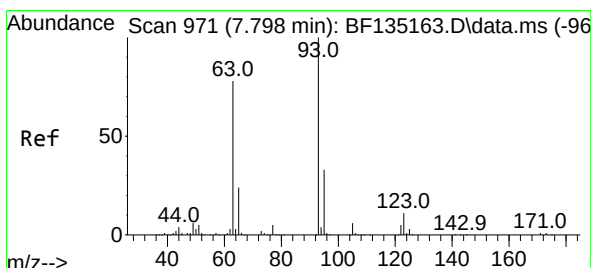
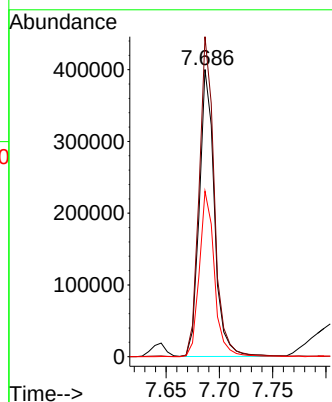
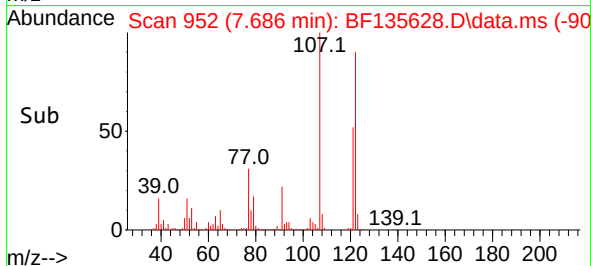
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 395718 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 111.4 | 90.2  | 135.4  |
| 121      | 57.6  | 46.3  | 69.5   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 55.424 ng

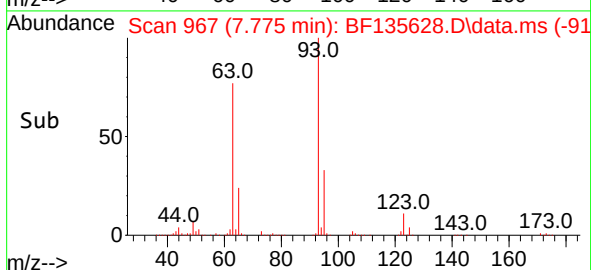
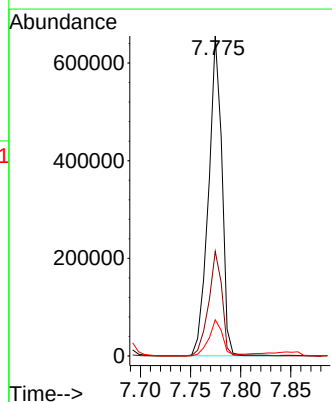
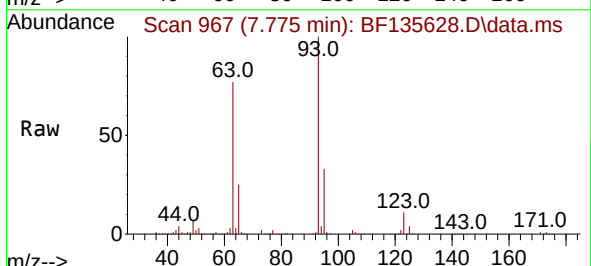
RT: 7.775 min Scan# 967

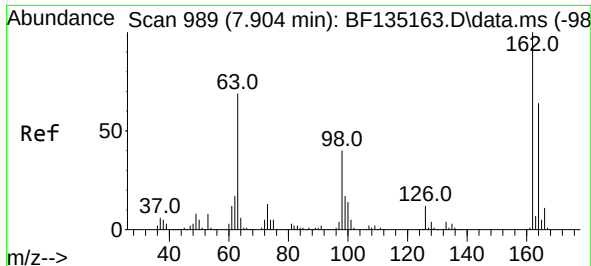
Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 612271 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.7  | 26.2  | 39.2   |
| 123      | 11.3  | 8.8   | 13.2   |





#29

2,4-Dichlorophenol

Concen: 56.005 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD

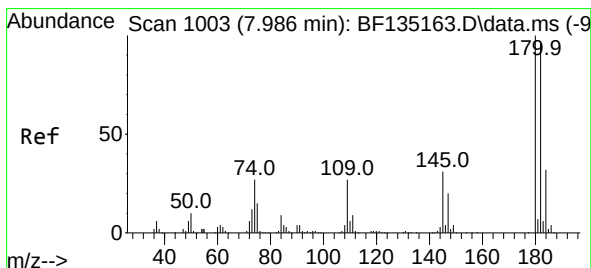
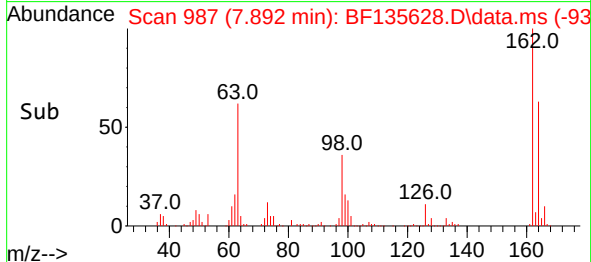
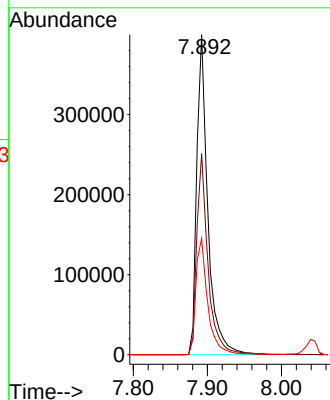
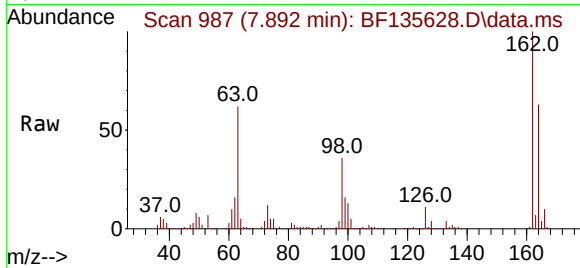
|             |             |
|-------------|-------------|
| Tgt Ion:162 | Resp: 41592 |
| Ion Ratio   | Lower Upper |
| 162 100     |             |
| 164 62.8    | 44.1 84.1   |
| 98 36.3     | 20.3 60.3   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 52.778 ng

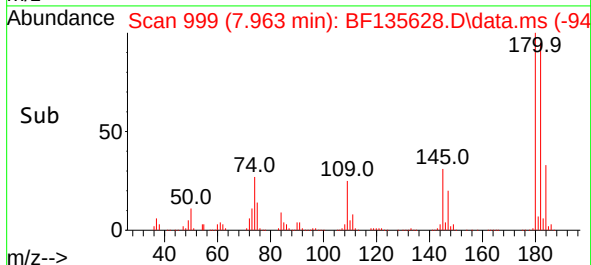
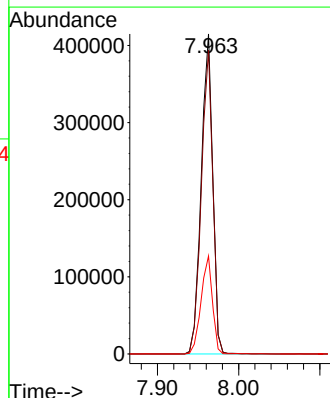
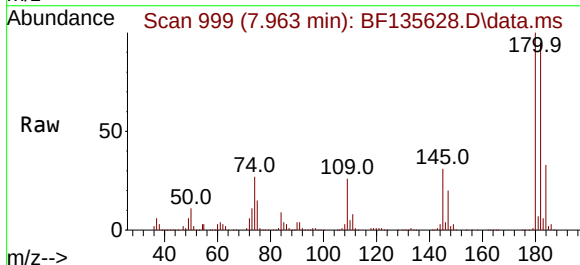
RT: 7.963 min Scan# 999

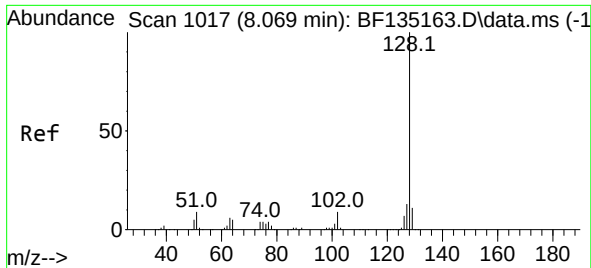
Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

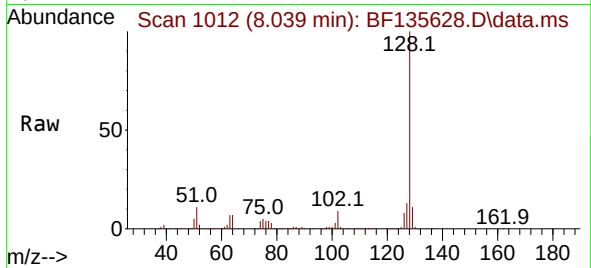
|             |              |
|-------------|--------------|
| Tgt Ion:180 | Resp: 409679 |
| Ion Ratio   | Lower Upper  |
| 180 100     |              |
| 182 94.9    | 76.9 115.3   |
| 145 30.6    | 24.5 36.7    |





#31  
Naphthalene  
Concen: 51.746 ng  
RT: 8.039 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

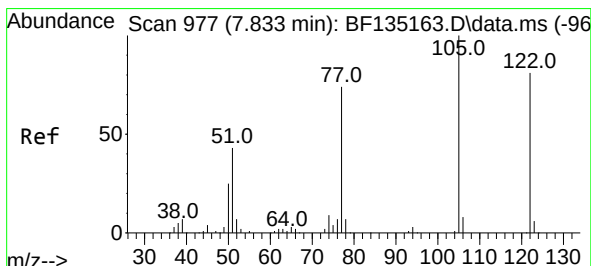
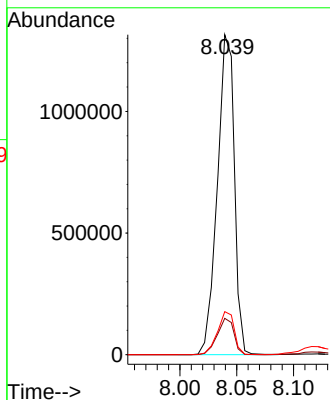
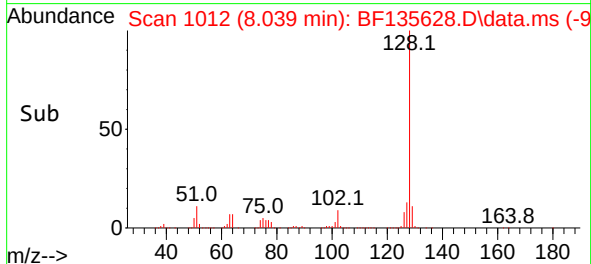
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:128 Resp: 137295  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.5 10.7 16.1

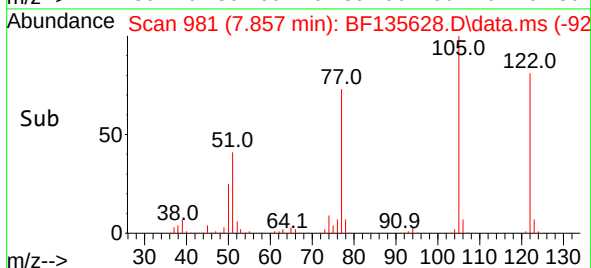
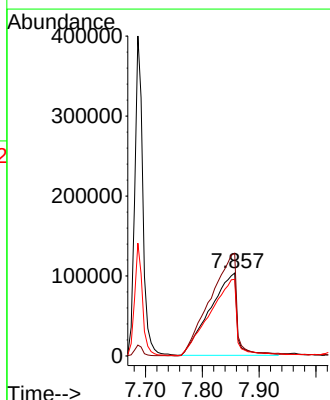
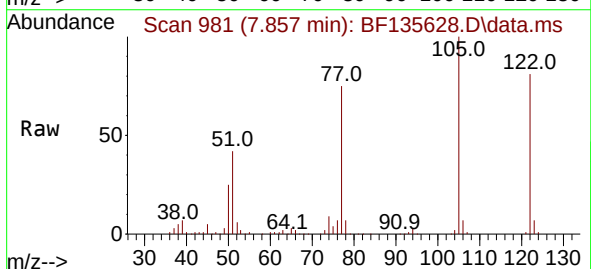
Manual Integrations  
APPROVED

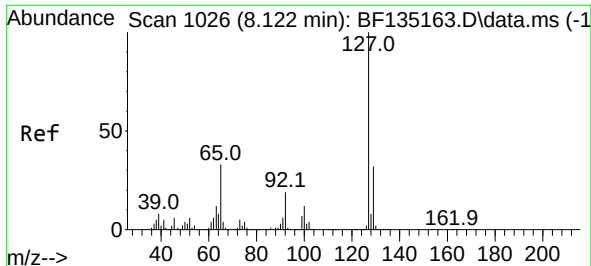
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#32  
Benzoic acid  
Concen: 56.589 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.035 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

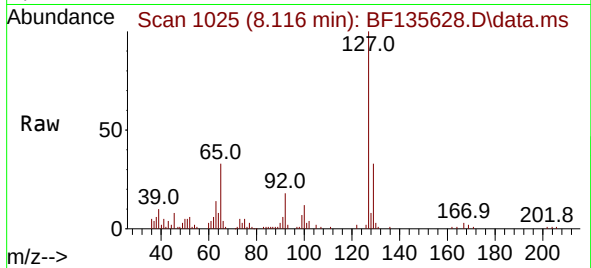
Tgt Ion:122 Resp: 341518  
Ion Ratio Lower Upper  
122 100  
105 124.1 99.9 139.9  
77 92.4 70.0 110.0





#33  
4-Chloroaniline  
Concen: 9.795 ng m  
RT: 8.116 min Scan# 1025  
Delta R.T. 0.018 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

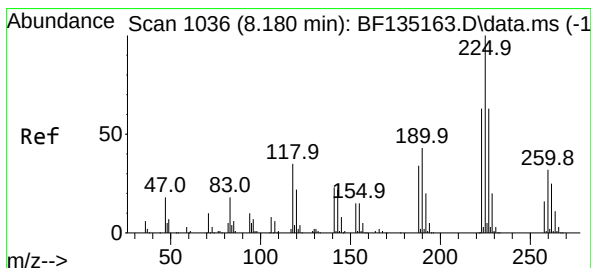
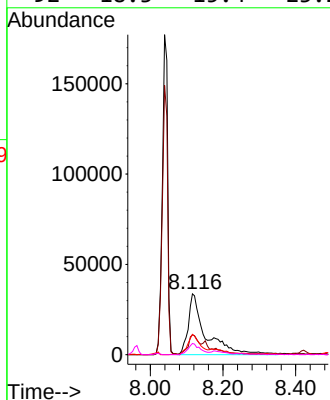
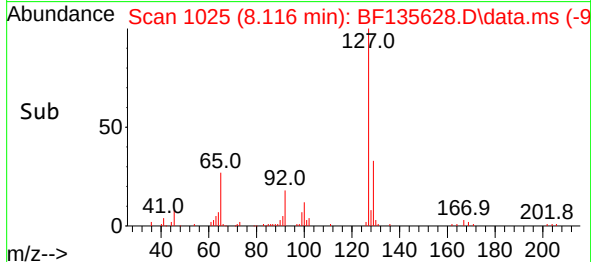
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:127 Resp: 11402  
Ion Ratio Lower Upper  
127 100  
129 32.6 25.8 38.8  
65 33.4 26.6 39.8  
92 18.3 15.4 23.2

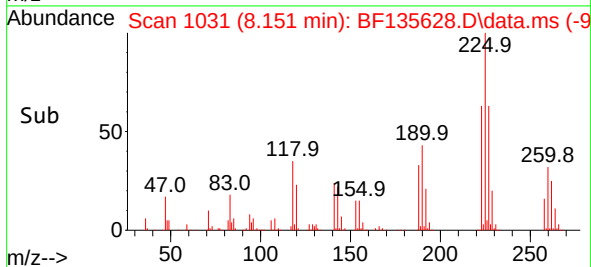
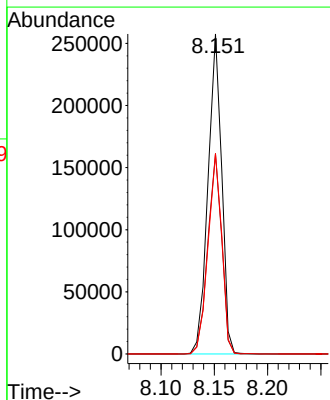
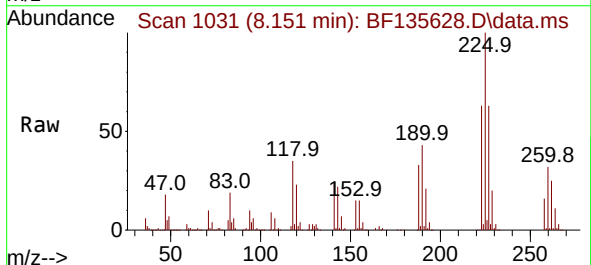
Manual Integrations  
APPROVED

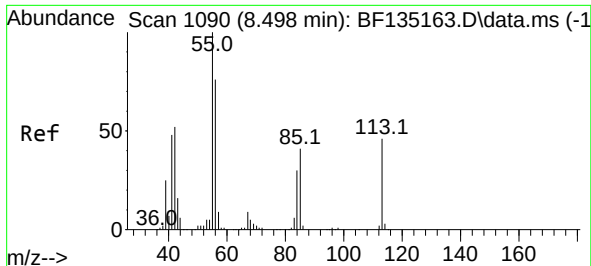
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#34  
Hexachlorobutadiene  
Concen: 49.152 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

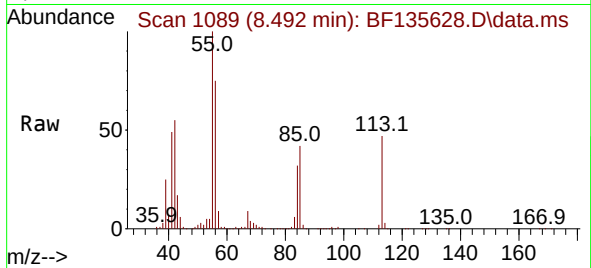
Tgt Ion:225 Resp: 230059  
Ion Ratio Lower Upper  
225 100  
223 62.6 50.6 75.8  
227 62.6 50.8 76.2





#35  
Caprolactam  
Concen: 53.848 ng m  
RT: 8.492 min Scan# 1089  
Delta R.T. 0.024 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

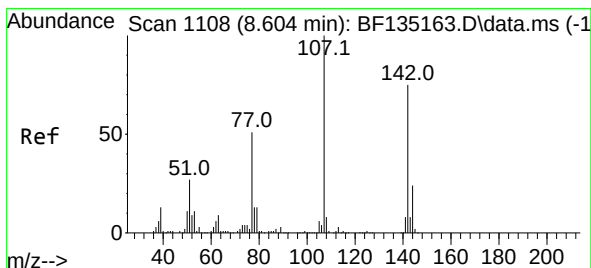
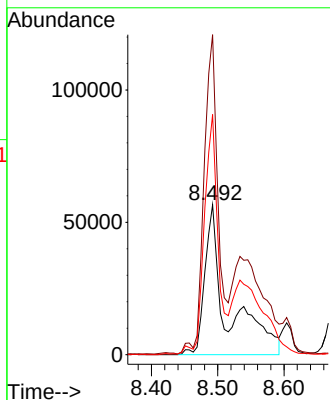
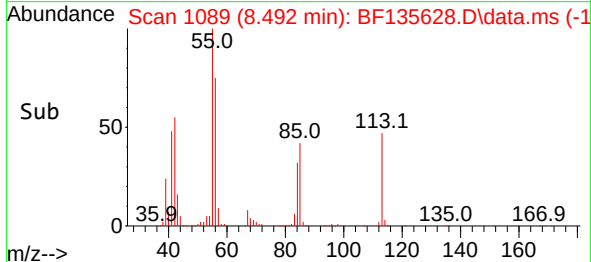
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:113 Resp: 13421  
Ion Ratio Lower Upper  
113 100  
55 213.5 199.3 239.3  
56 160.3 146.3 186.3

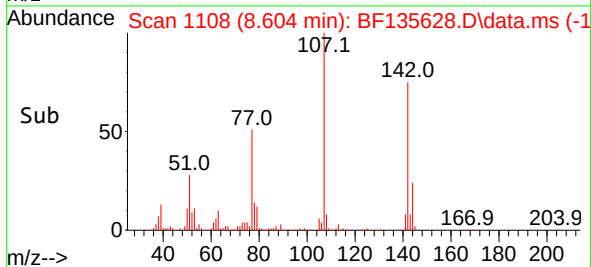
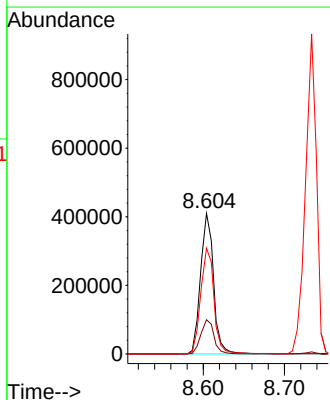
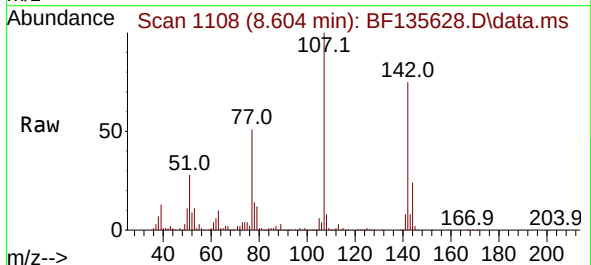
Manual Integrations  
APPROVED

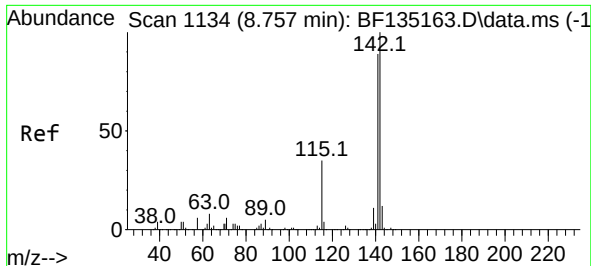
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#36  
4-Chloro-3-methylphenol  
Concen: 55.436 ng  
RT: 8.604 min Scan# 1108  
Delta R.T. 0.018 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Tgt Ion:107 Resp: 457566  
Ion Ratio Lower Upper  
107 100  
144 24.4 19.0 28.4  
142 75.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 49.539 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD

Tgt Ion:142 Resp: 88353

Ion Ratio Lower Upper

142 100

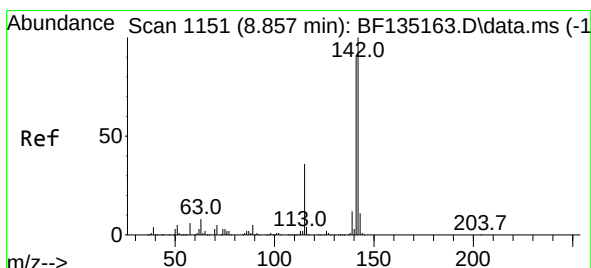
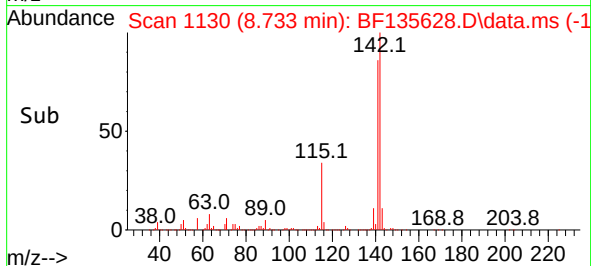
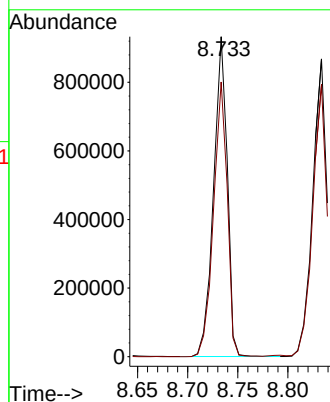
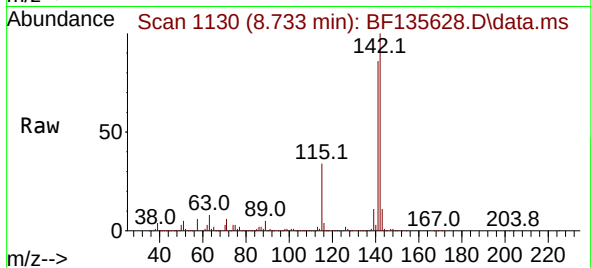
141 85.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#38

1-Methylnaphthalene

Concen: 50.523 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135628.D

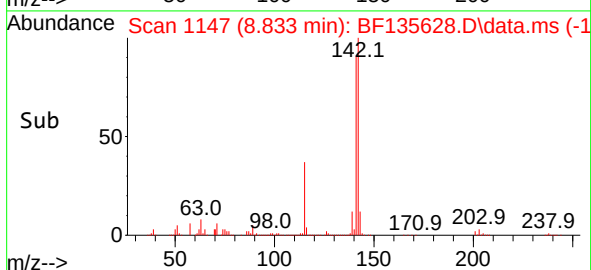
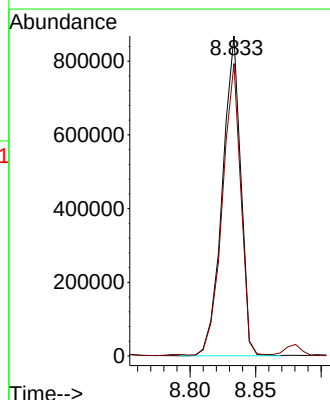
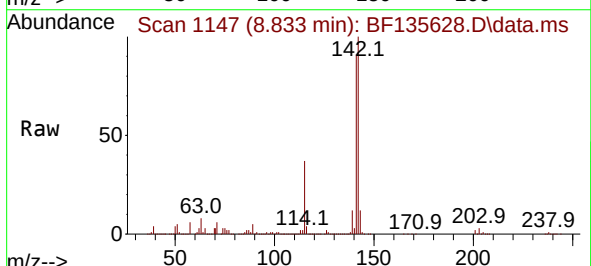
Acq: 06 Oct 2023 14:39

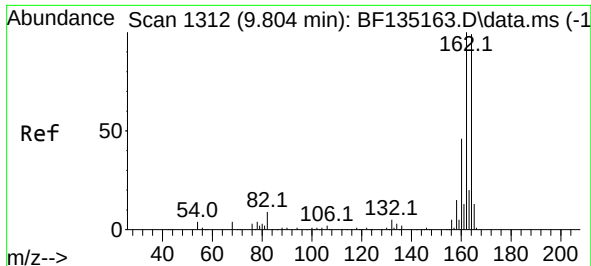
Tgt Ion:142 Resp: 843627

Ion Ratio Lower Upper

142 100

141 91.4 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF135628.D

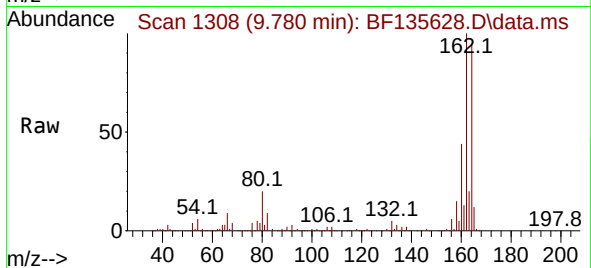
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD



Tgt Ion:164 Resp: 280118

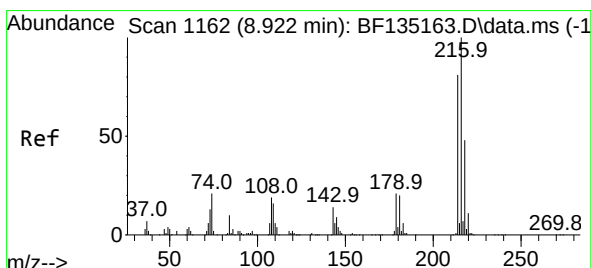
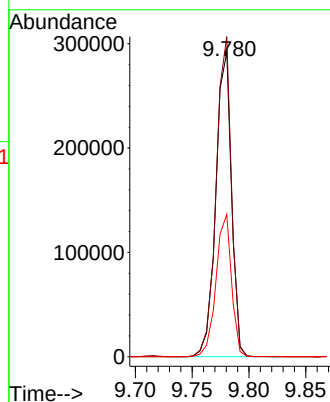
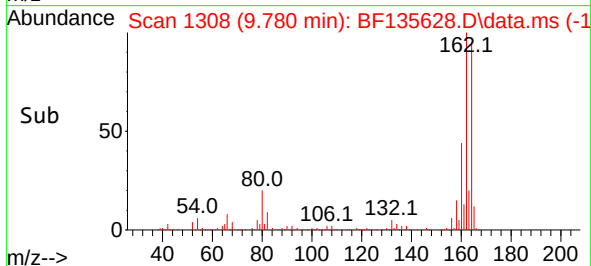
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 105.1 | 81.0  | 121.4 |
| 160 | 46.7  | 37.0  | 55.4  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.555 ng

RT: 8.904 min Scan# 1159

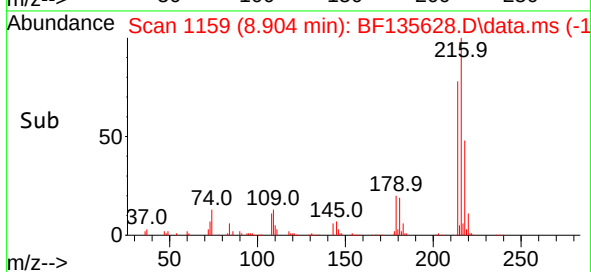
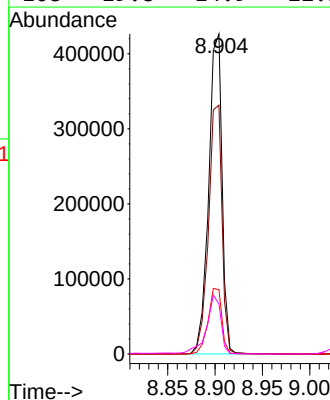
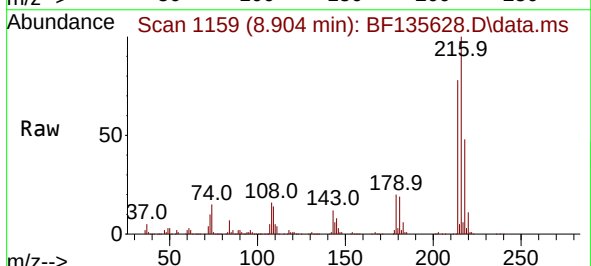
Delta R.T. 0.006 min

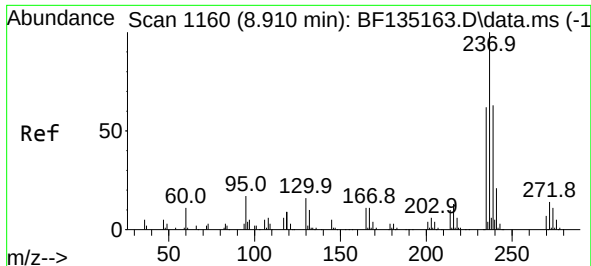
Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Tgt Ion:216 Resp: 418380

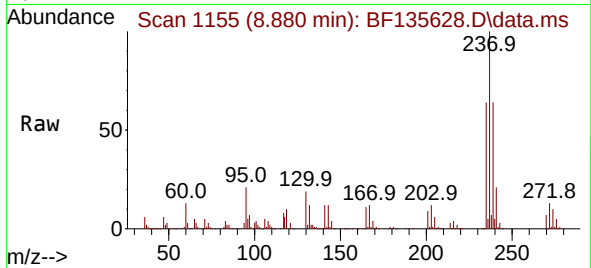
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.6  | 63.7  | 95.5  |
| 179 | 20.8  | 16.7  | 25.1  |
| 108 | 19.8  | 14.9  | 22.3  |





#41  
Hexachlorocyclopentadiene  
Concen: 61.281 ng  
RT: 8.880 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

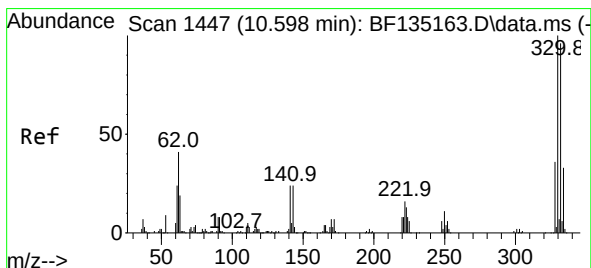
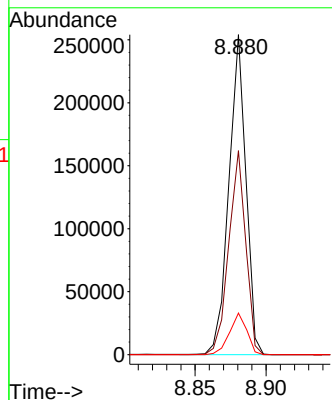
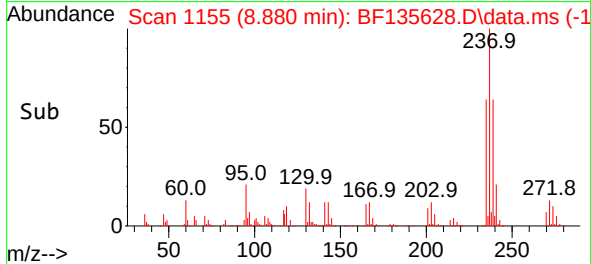
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



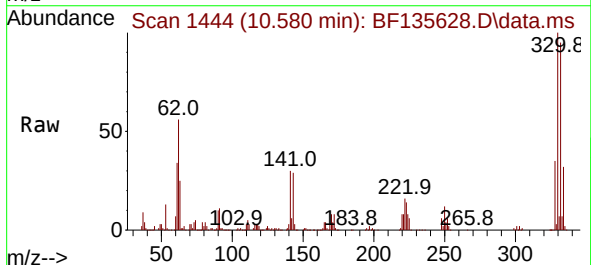
Tgt Ion: 237 Resp: 21232  
Ion Ratio Lower Upper  
237 100  
235 63.8 41.8 81.8  
272 13.0 0.0 33.6

Manual Integrations  
APPROVED

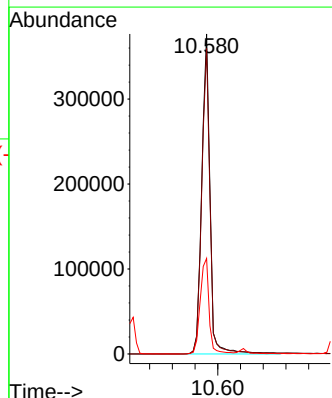
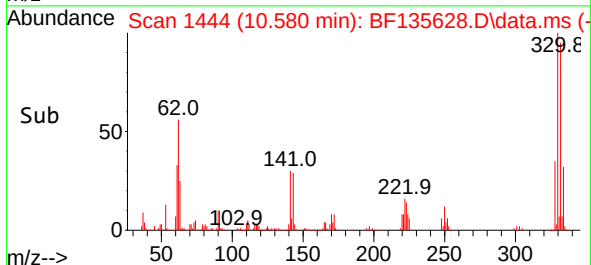
Reviewed By : Yogesh Patel 10/08/2023  
Supervised By : mohammad ahmed 10/08/2023



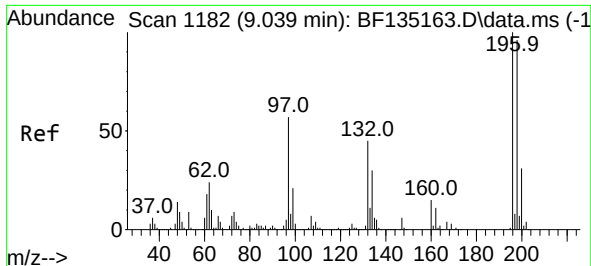
#42  
2,4,6-Tribromophenol  
Concen: 136.462 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion: 330 Resp: 379868  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.3 115.9  
141 32.4 25.8 38.8

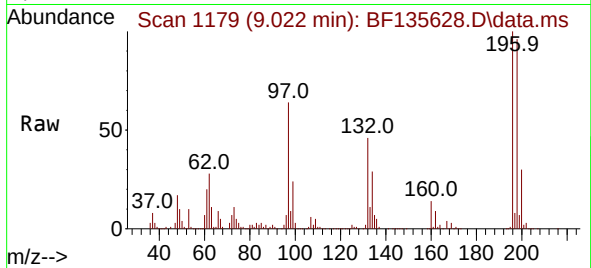






#43  
2,4,6-Trichlorophenol  
Concen: 53.645 ng  
RT: 9.022 min Scan# 1182  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

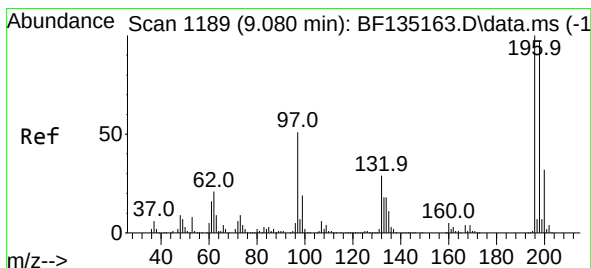
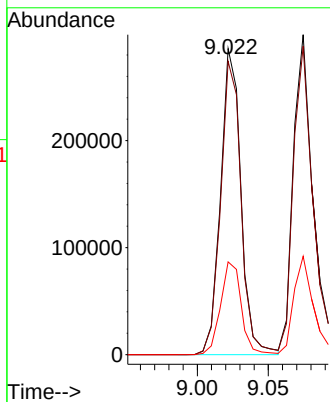
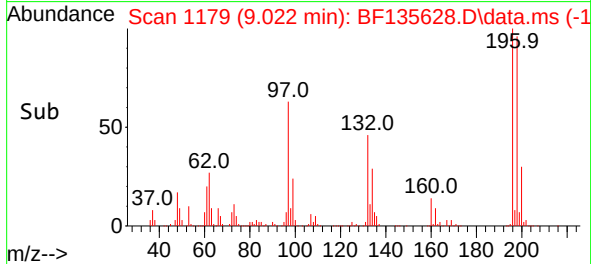
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



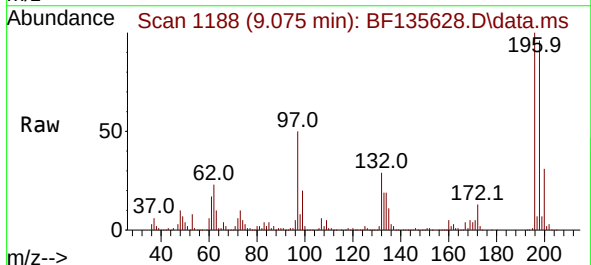
Tgt Ion:196 Resp: 285030  
Ion Ratio Lower Upper  
196 100  
198 95.8 77.0 115.6  
200 30.3 24.5 36.7

Manual Integrations  
APPROVED

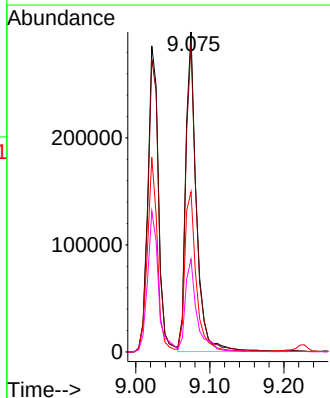
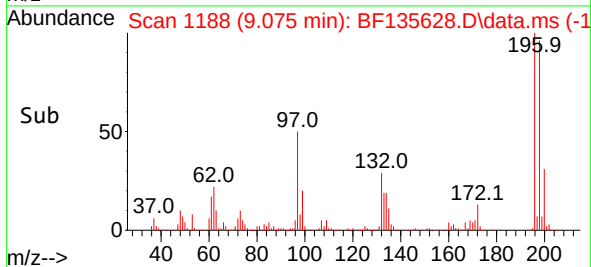
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

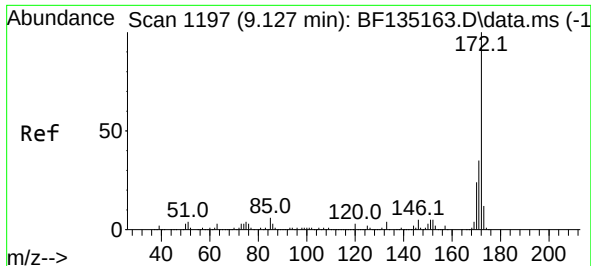


#44  
2,4,5-Trichlorophenol  
Concen: 48.993 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



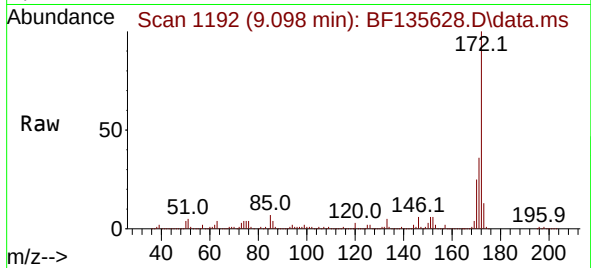
Tgt Ion:196 Resp: 299788  
Ion Ratio Lower Upper  
196 100  
198 96.4 77.5 116.3  
97 50.0 40.5 60.7  
132 29.0 23.3 34.9





#45  
2-Fluorobiphenyl  
Concen: 87.353 ng  
RT: 9.098 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

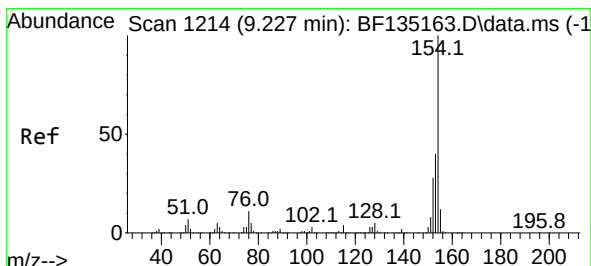
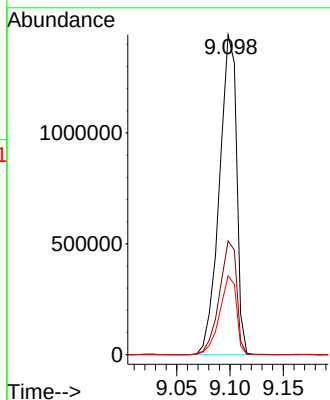
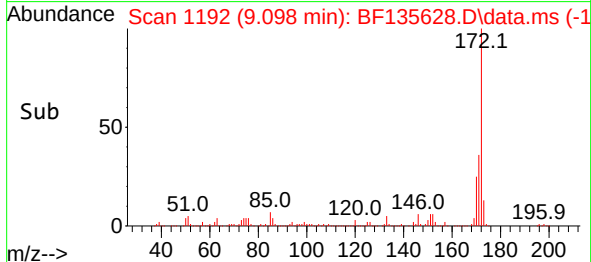
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



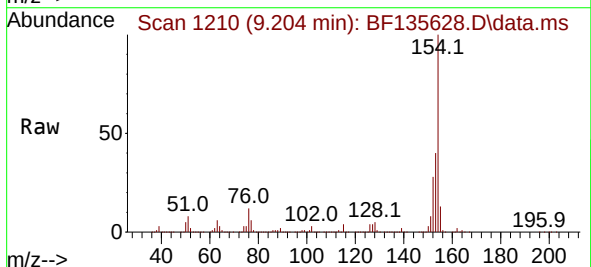
Tgt Ion:172 Resp: 1621854  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.4 42.6  
170 24.6 19.0 28.4

Manual Integrations  
APPROVED

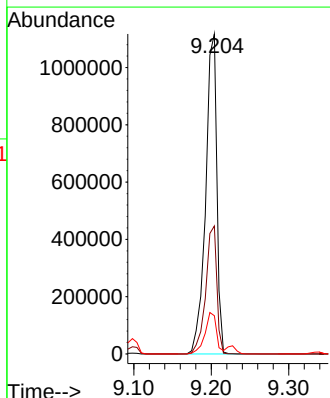
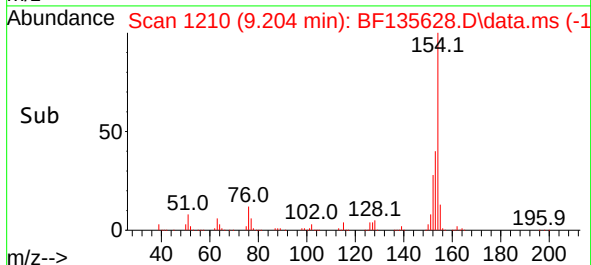
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

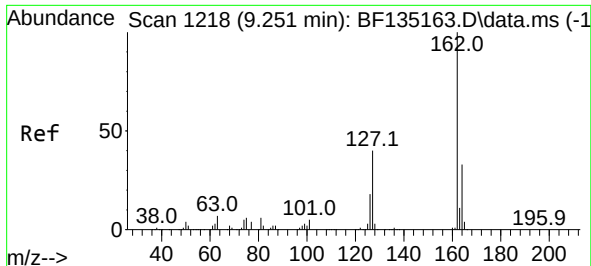


#46  
1,1'-Biphenyl  
Concen: 51.987 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



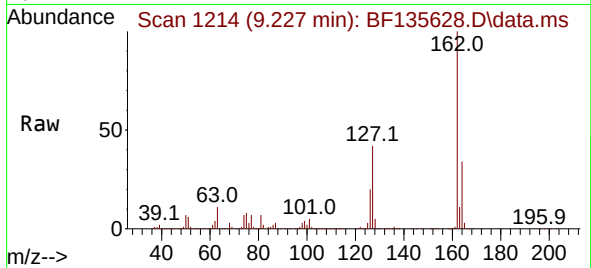
Tgt Ion:154 Resp: 1119101  
Ion Ratio Lower Upper  
154 100  
153 40.0 19.6 59.6  
76 12.0 0.0 31.0





#47  
2-Chloronaphthalene  
Concen: 53.786 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

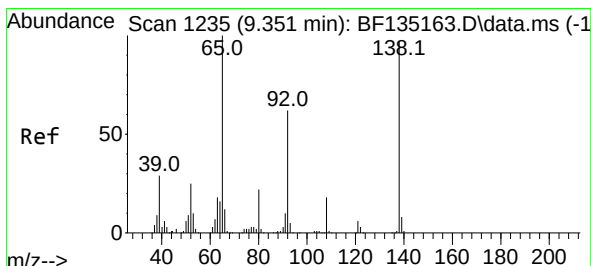
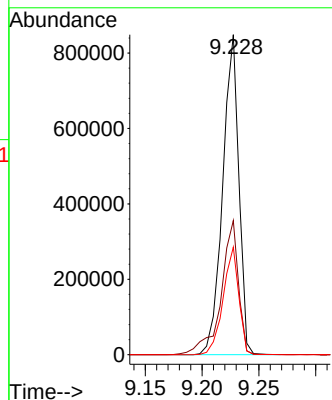
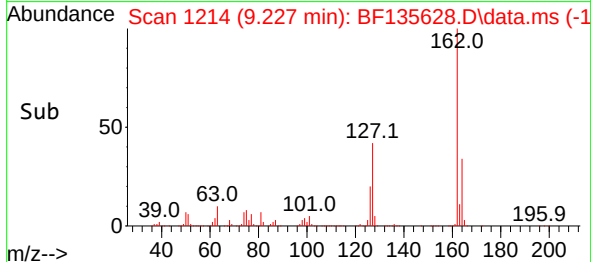
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:162 Resp: 840080  
Ion Ratio Lower Upper  
162 100  
127 41.9 32.6 48.8  
164 33.6 26.2 39.2

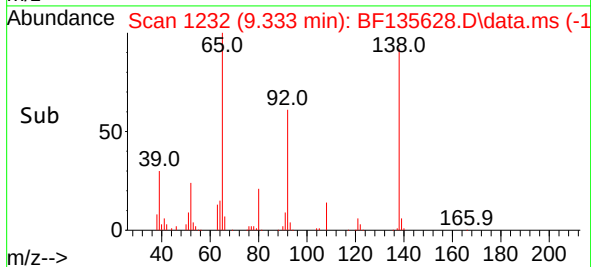
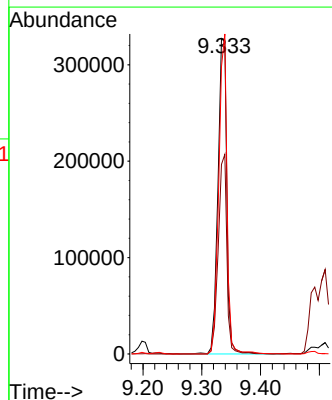
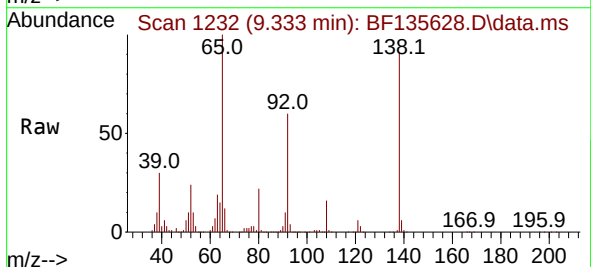
Manual Integrations  
APPROVED

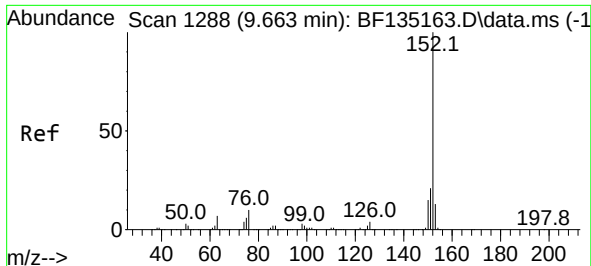
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#48  
2-Nitroaniline  
Concen: 56.416 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Tgt Ion: 65 Resp: 342322  
Ion Ratio Lower Upper  
65 100  
92 60.1 49.4 74.0  
138 91.2 77.4 116.0





#49

Acenaphthylene

Concen: 51.531 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD

Tgt Ion:152 Resp: 133761

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

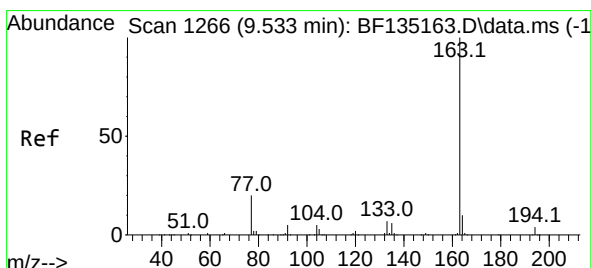
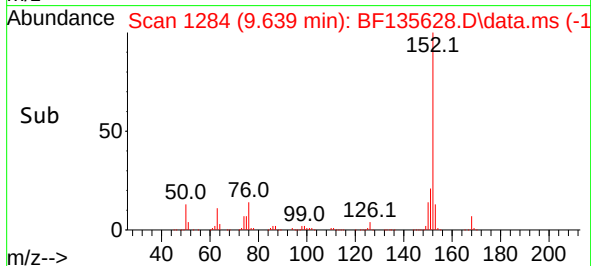
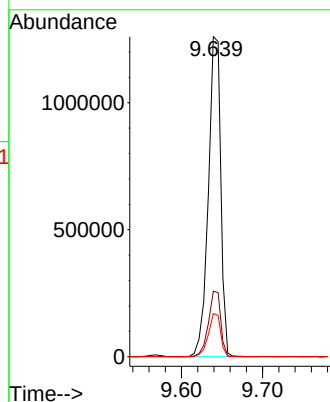
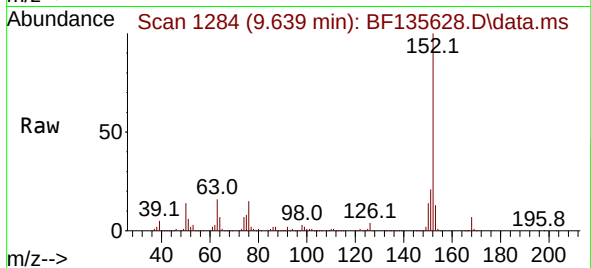
153 13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#50

Dimethylphthalate

Concen: 53.626 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

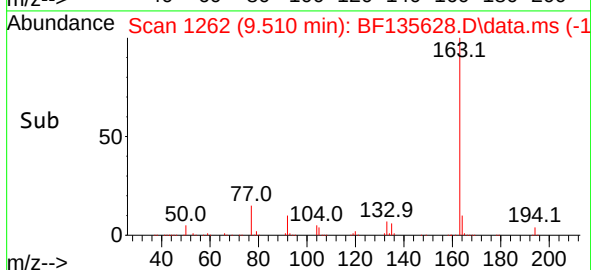
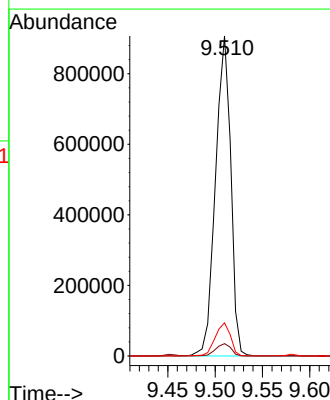
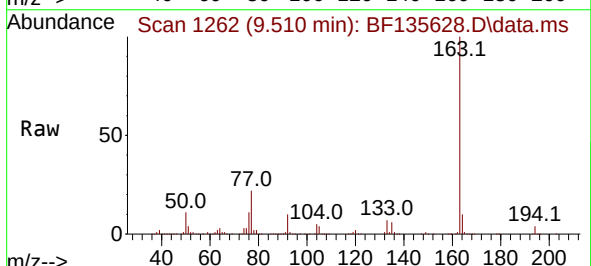
Tgt Ion:163 Resp: 1015612

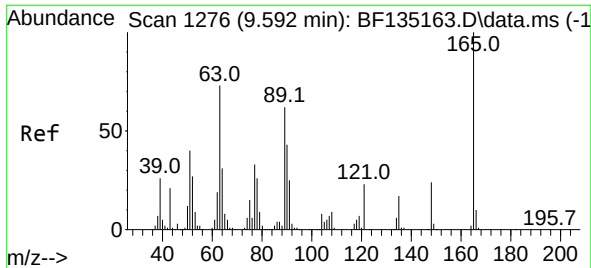
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

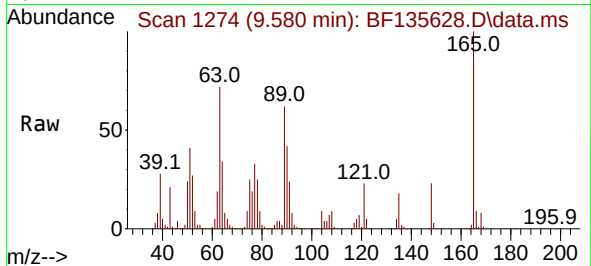
164 10.3 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 53.172 ng  
RT: 9.580 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

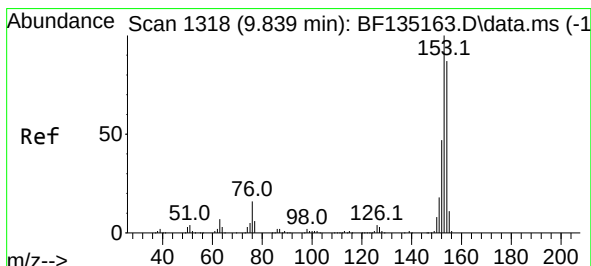
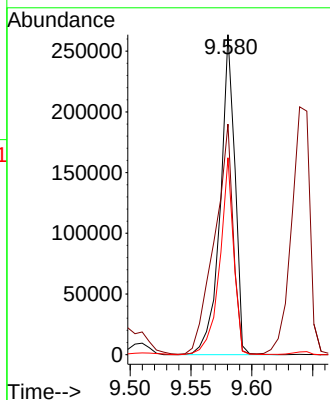
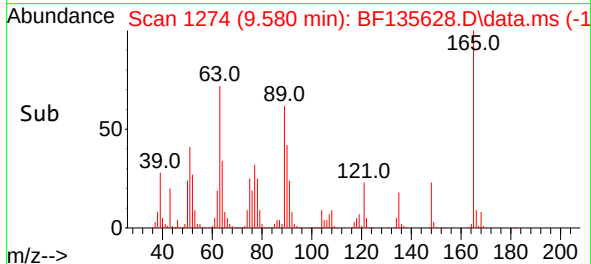
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:165 Resp: 220604  
Ion Ratio Lower Upper  
165 100  
63 72.0 59.4 89.2  
89 61.6 49.8 74.8

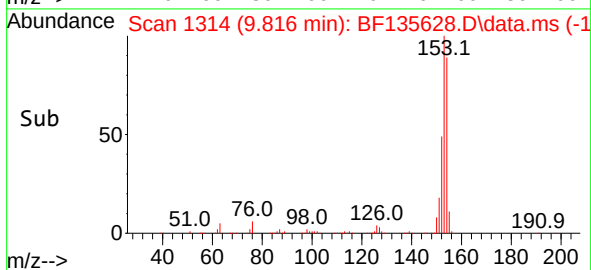
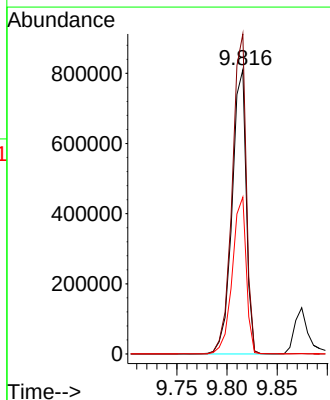
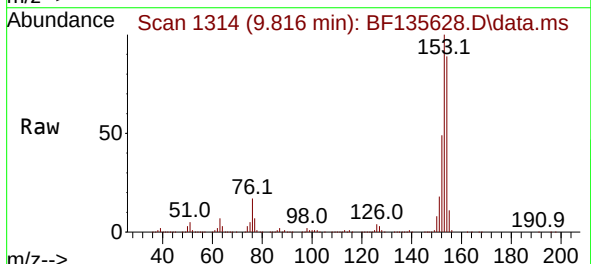
Manual Integrations  
APPROVED

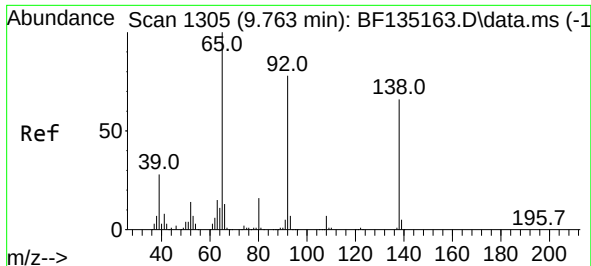
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#52  
Acenaphthene  
Concen: 51.919 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

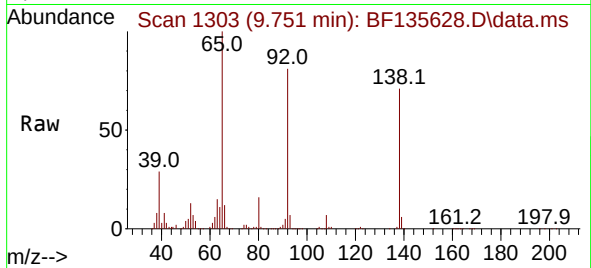
Tgt Ion:154 Resp: 796139  
Ion Ratio Lower Upper  
154 100  
153 112.6 92.1 138.1  
152 55.2 43.1 64.7





#53  
3-Nitroaniline  
Concen: 25.753 ng  
RT: 9.751 min Scan# 1303  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

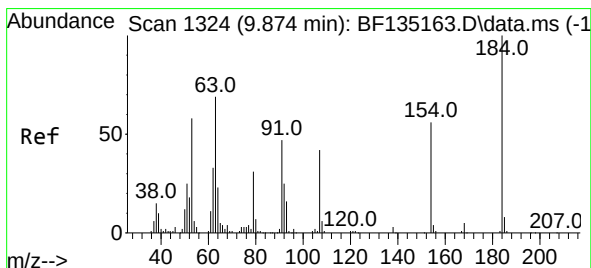
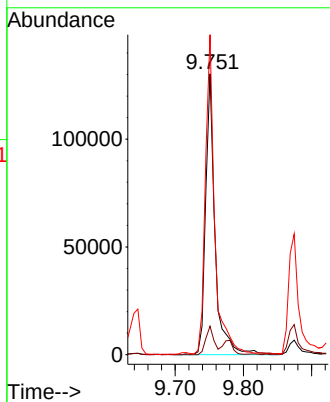
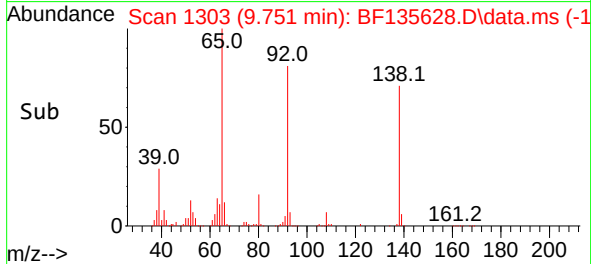
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:138 Resp: 12541  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.5 12.7  
92 113.9 95.4 143.0

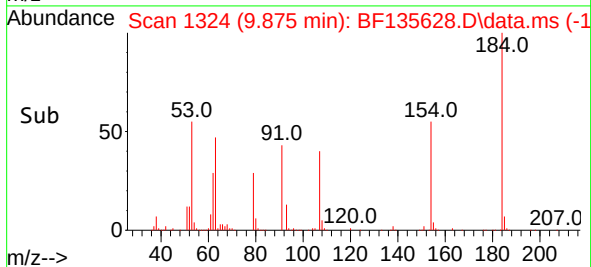
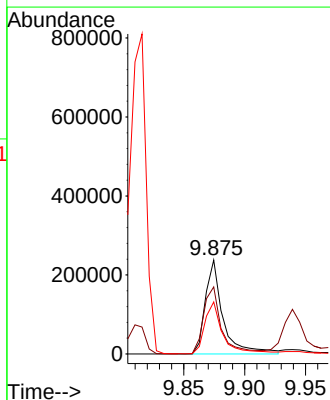
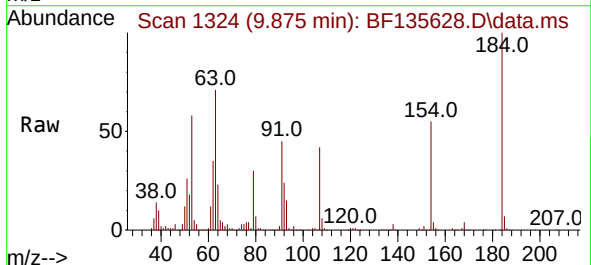
Manual Integrations  
APPROVED

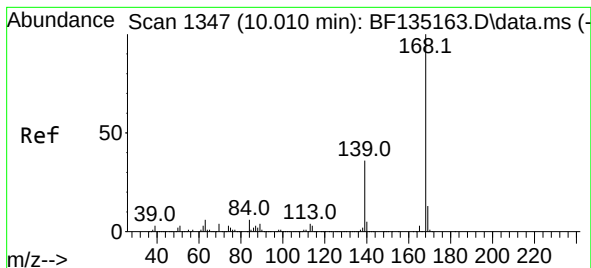
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#54  
2,4-Dinitrophenol  
Concen: 100.119 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

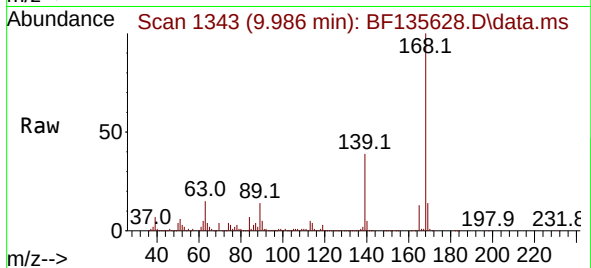
Tgt Ion:184 Resp: 239823  
Ion Ratio Lower Upper  
184 100  
63 71.5 55.1 82.7  
154 55.4 48.4 72.6





#55  
Dibenzenofuran  
Concen: 47.944 ng  
RT: 9.986 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

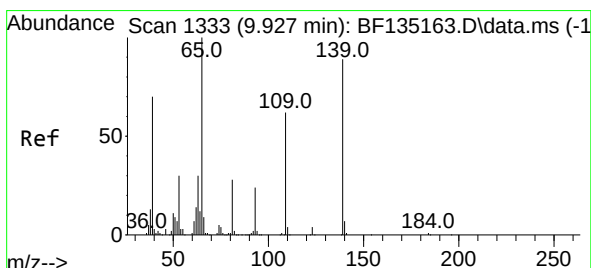
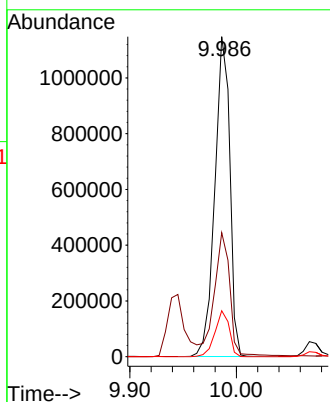
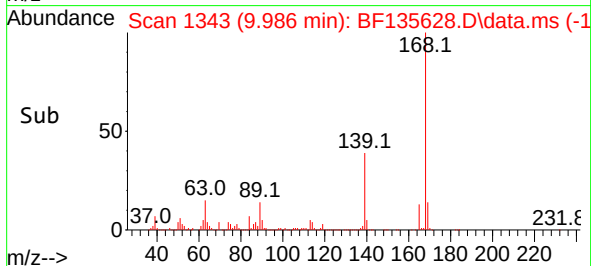
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



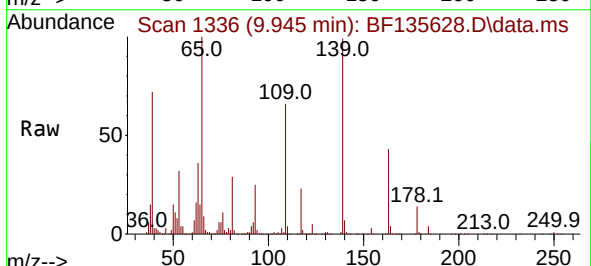
Tgt Ion:168 Resp: 112188  
Ion Ratio Lower Upper  
168 100  
139 38.7 29.0 43.6  
169 14.4 10.4 15.6

Manual Integrations  
APPROVED

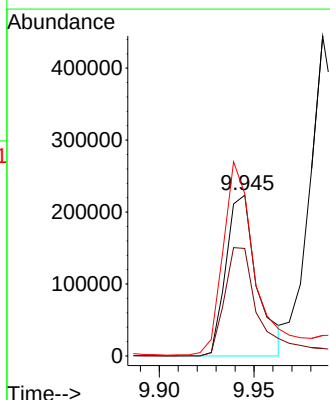
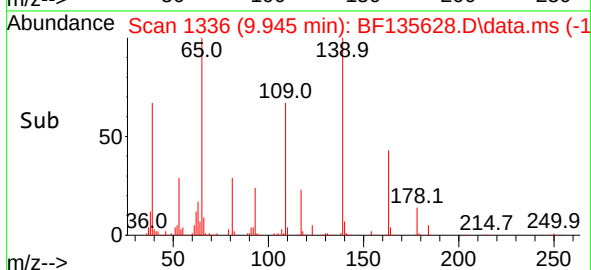
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

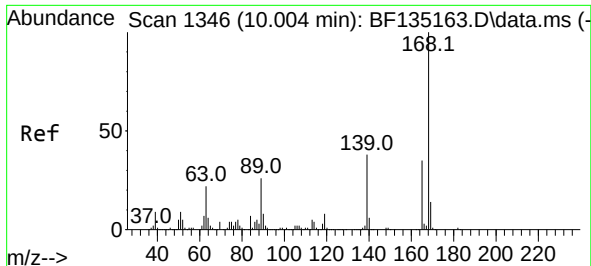


#56  
4-Nitrophenol  
Concen: 82.366 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.018 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion:139 Resp: 254938  
Ion Ratio Lower Upper  
139 100  
109 66.9 49.8 89.8  
65 100.9 92.7 132.7





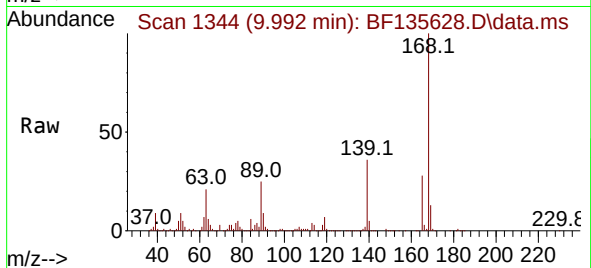
#57  
2,4-Dinitrotoluene  
Concen: 50.449 ng  
RT: 9.992 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD



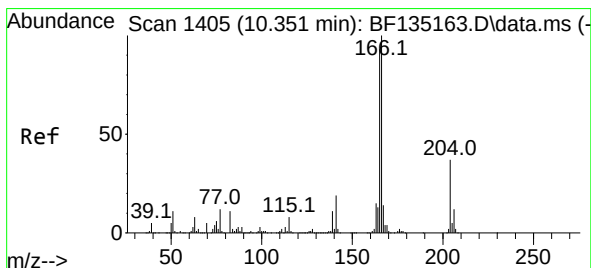
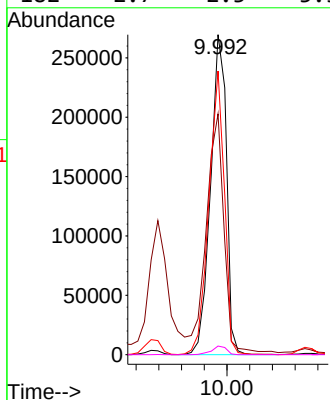
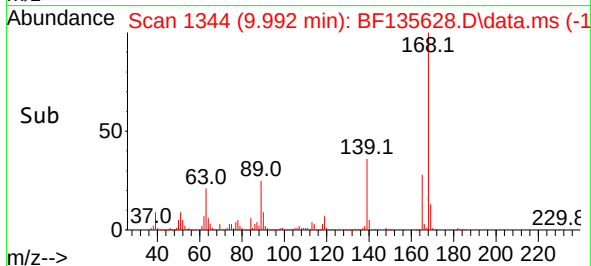
Tgt Ion:165 Resp: 262035  
Ion Ratio Lower Upper  
165 100  
63 75.3 50.1 75.1  
89 88.7 59.3 88.9  
182 2.7 2.3 3.5

Manual Integrations

APPROVED

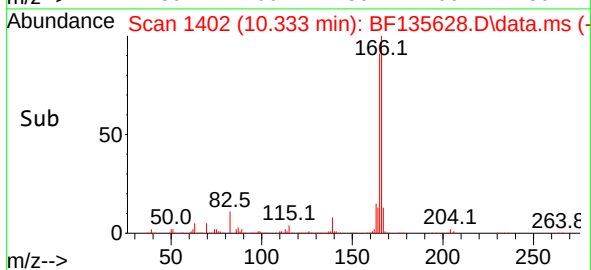
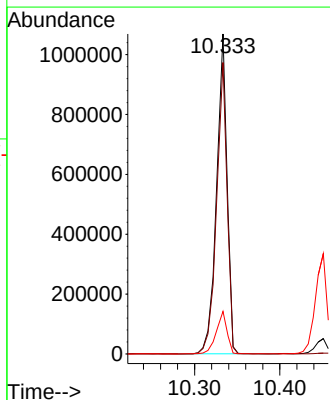
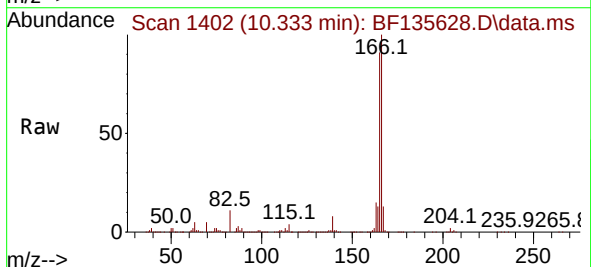
Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023

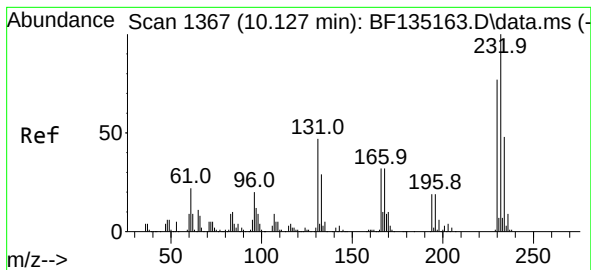


#58  
Fluorene  
Concen: 51.041 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Tgt Ion:166 Resp: 918161  
Ion Ratio Lower Upper  
166 100  
165 91.1 74.3 111.5  
167 13.3 10.9 16.3

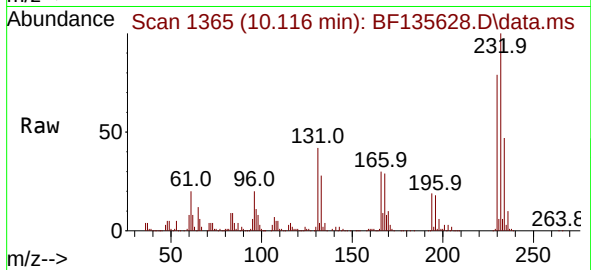






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.855 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

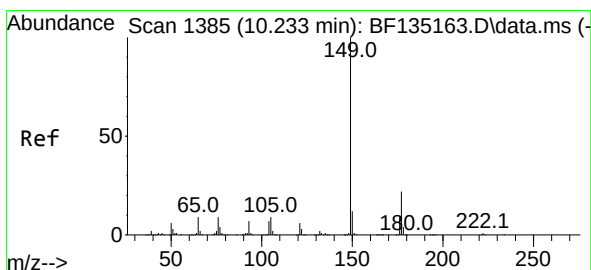
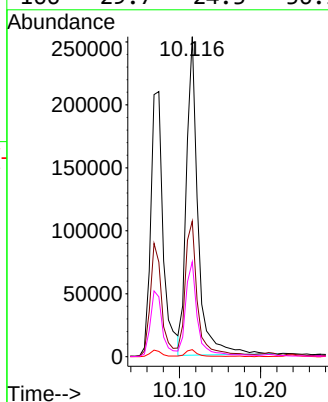
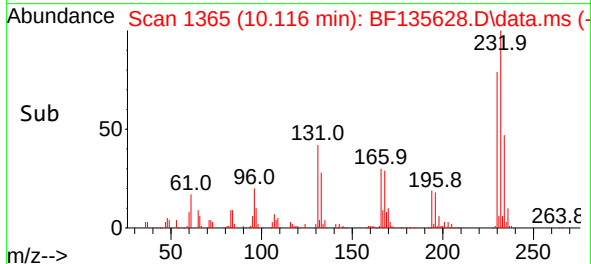
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:232 Resp: 248785  
Ion Ratio Lower Upper  
232 100  
131 44.4 35.4 53.2  
130 2.1 1.8 2.8  
166 29.7 24.3 36.5

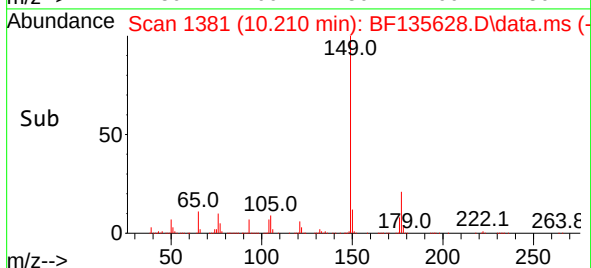
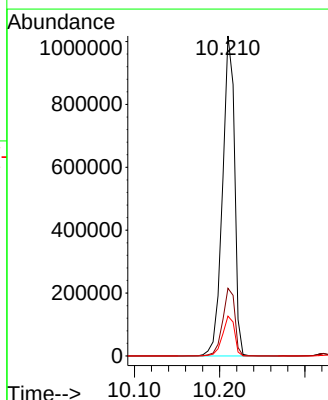
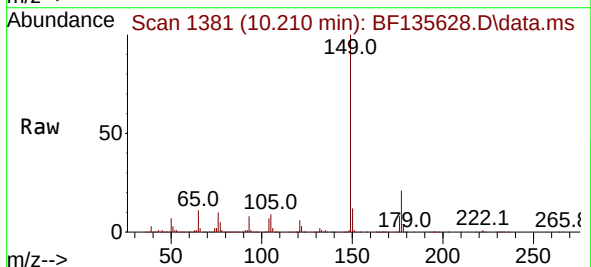
Manual Integrations  
APPROVED

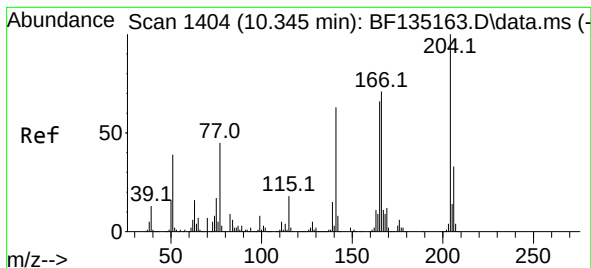
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#60  
Diethylphthalate  
Concen: 52.571 ng  
RT: 10.210 min Scan# 1381  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

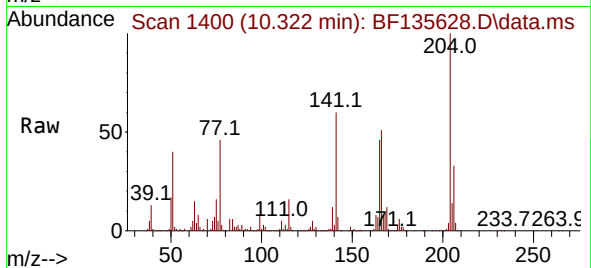
Tgt Ion:149 Resp: 999206  
Ion Ratio Lower Upper  
149 100  
177 21.1 17.8 26.6  
150 12.5 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 49.269 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

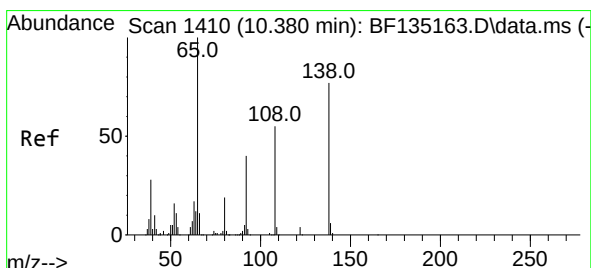
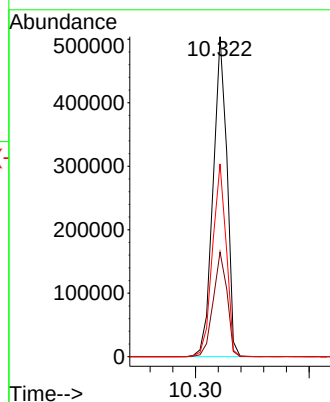
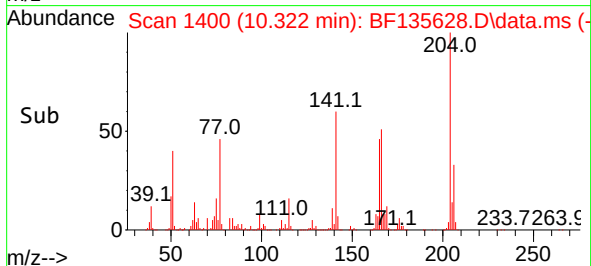
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:204 Resp: 425749  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.7 40.1  
141 60.3 50.6 75.8

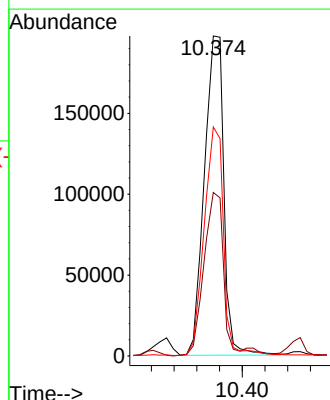
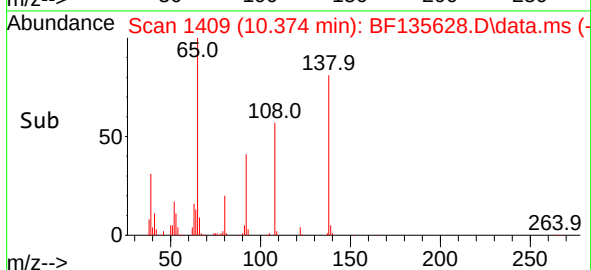
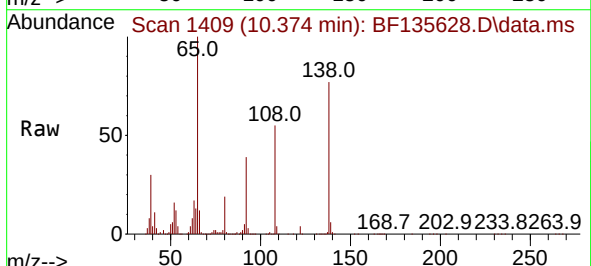
Manual Integrations  
APPROVED

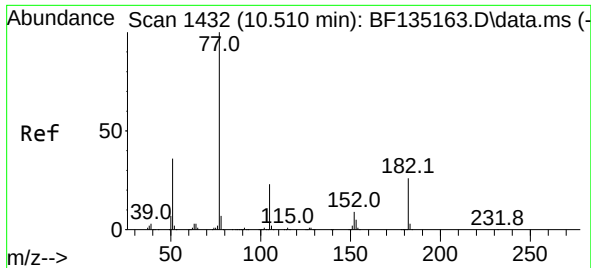
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#62  
4-Nitroaniline  
Concen: 50.119 ng  
RT: 10.374 min Scan# 1409  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

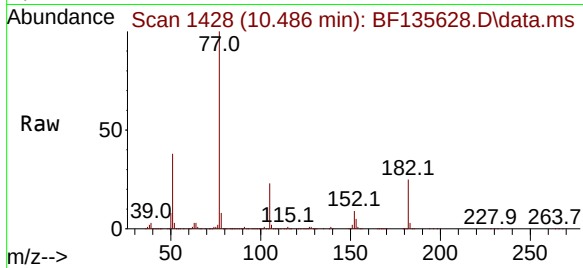
Tgt Ion:138 Resp: 234624  
Ion Ratio Lower Upper  
138 100  
92 51.1 31.8 71.8  
108 71.6 52.0 92.0





#63  
Azobenzene  
Concen: 54.000 ng  
RT: 10.486 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

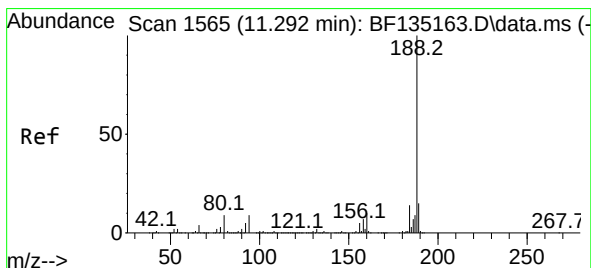
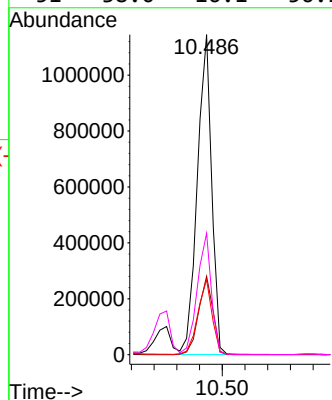
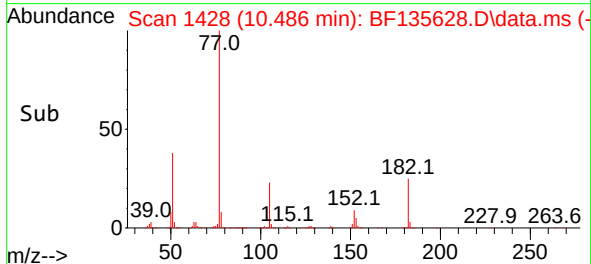
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



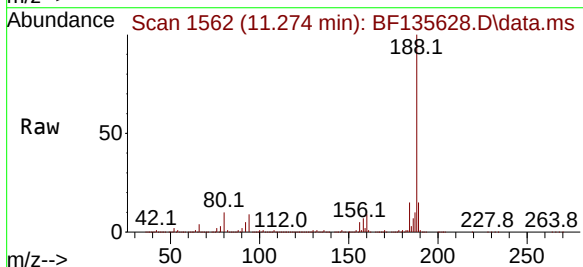
Tgt Ion: 77 Resp: 100449  
Ion Ratio Lower Upper  
77 100  
182 24.5 6.4 46.4  
105 23.5 3.1 43.1  
51 38.0 16.1 56.1

Manual Integrations  
APPROVED

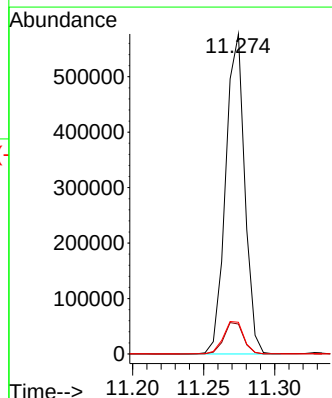
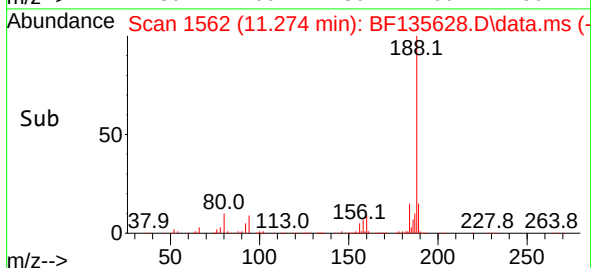
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

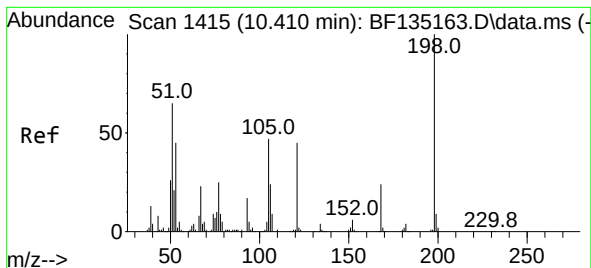


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.274 min Scan# 1562  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion:188 Resp: 538606  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.0 10.6  
80 9.9 7.5 11.3





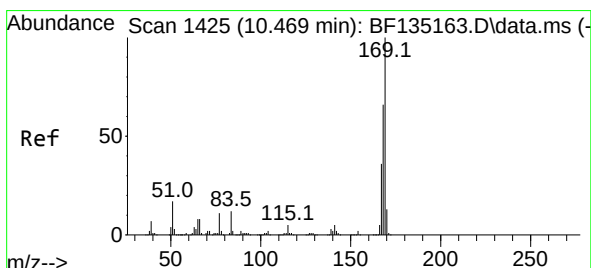
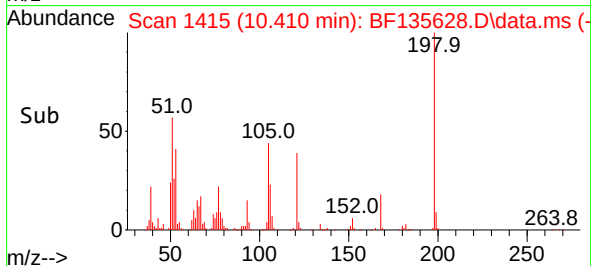
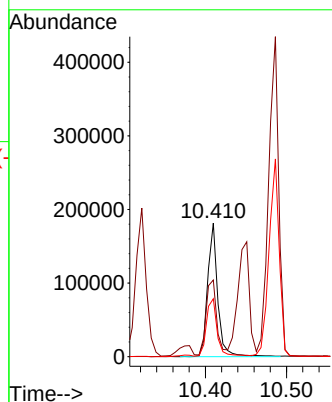
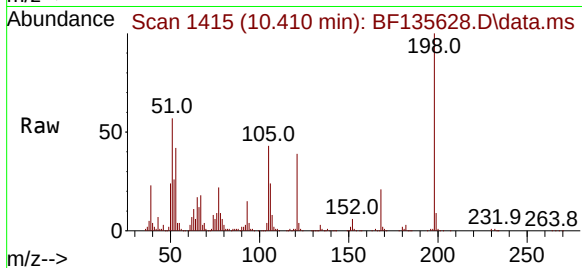
#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.412 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD

Tgt Ion:198 Resp: 155650  
Ion Ratio Lower Upper  
198 100  
51 57.4 47.7 87.7  
105 43.4 27.4 67.4

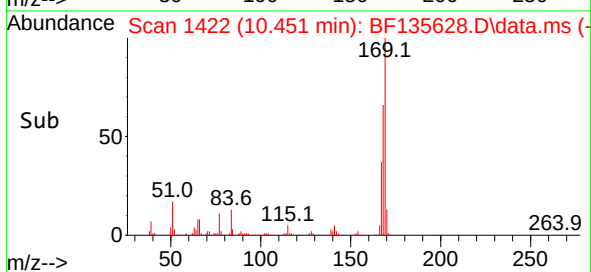
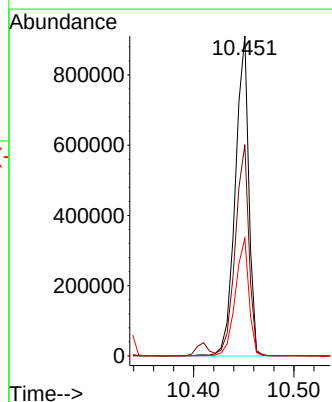
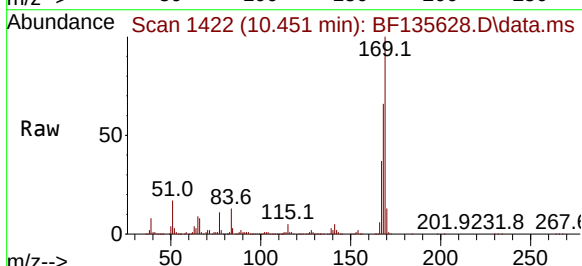
Manual Integrations  
APPROVED

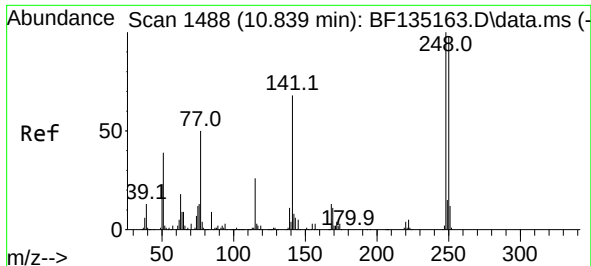
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#66  
n-Nitrosodiphenylamine  
Concen: 52.315 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

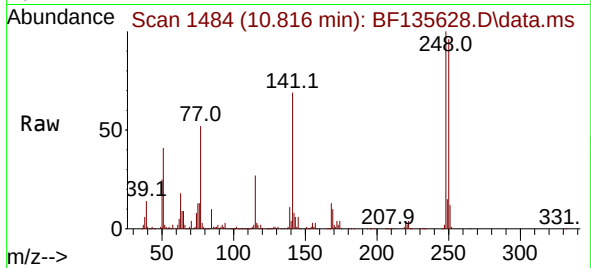
Tgt Ion:169 Resp: 853050  
Ion Ratio Lower Upper  
169 100  
168 66.0 52.8 79.2  
167 36.8 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 50.742 ng  
RT: 10.816 min Scan# 1484  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

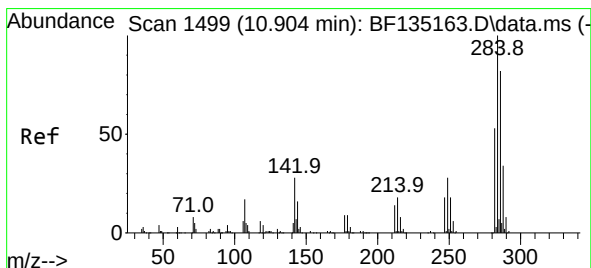
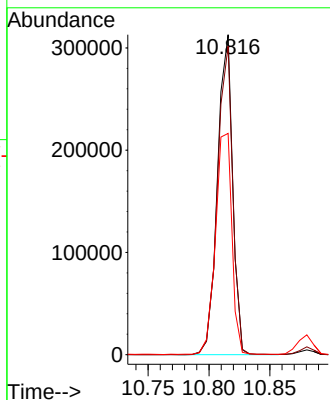
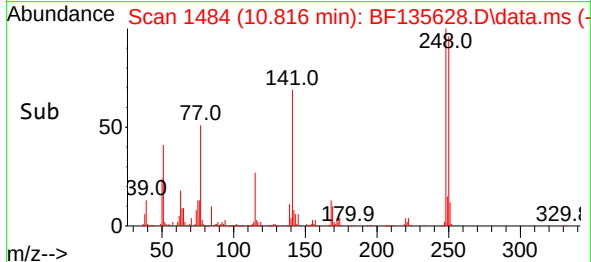
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:248 Resp: 271815  
Ion Ratio Lower Upper  
248 100  
250 96.5 78.6 117.8  
141 69.1 54.2 81.2

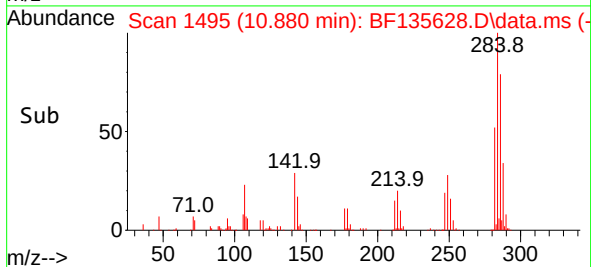
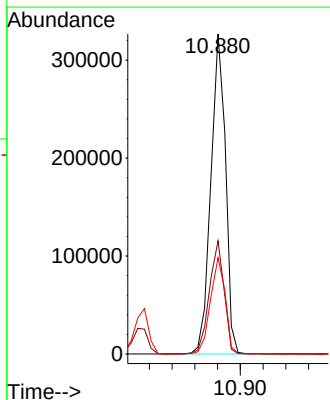
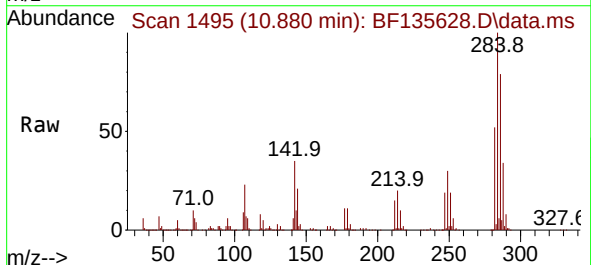
Manual Integrations  
APPROVED

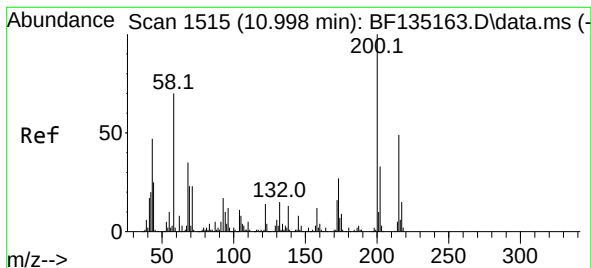
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#68  
Hexachlorobenzene  
Concen: 53.521 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Tgt Ion:284 Resp: 292087  
Ion Ratio Lower Upper  
284 100  
142 35.4 22.2 33.4#  
249 30.1 22.5 33.7





#69

Atrazine

Concen: 61.247 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.012 min

Lab File: BF135628.D

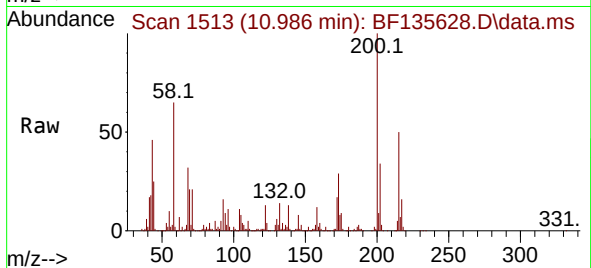
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD



Tgt Ion:200 Resp: 26872

Ion Ratio Lower Upper

200 100

173 29.5 7.4 47.4

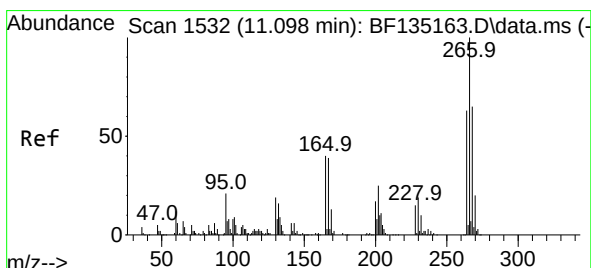
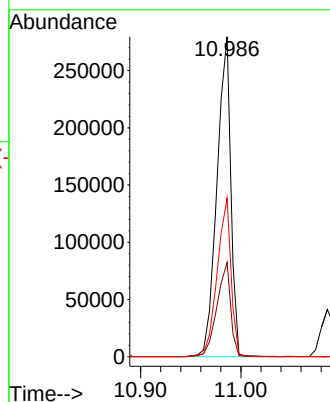
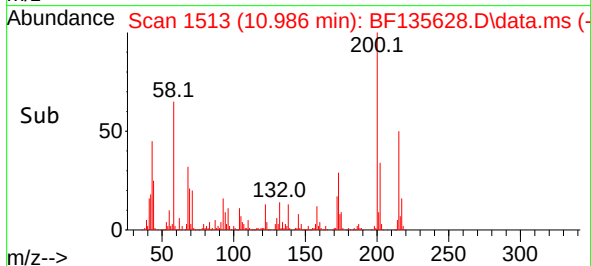
215 49.6 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#70

Pentachlorophenol

Concen: 87.049 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

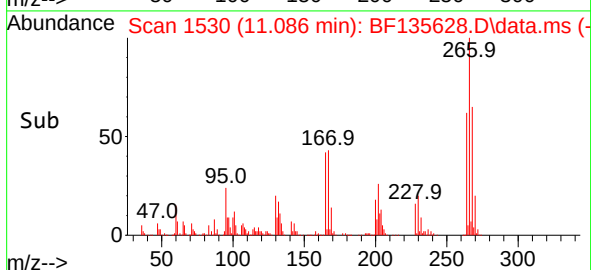
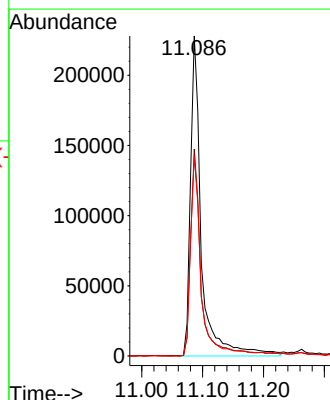
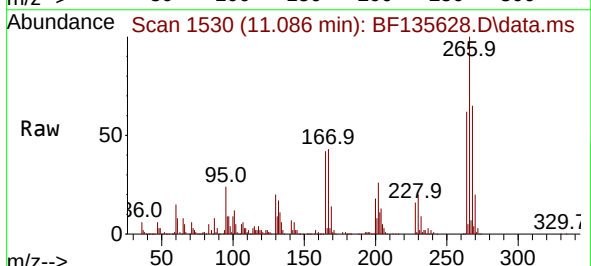
Tgt Ion:266 Resp: 284228

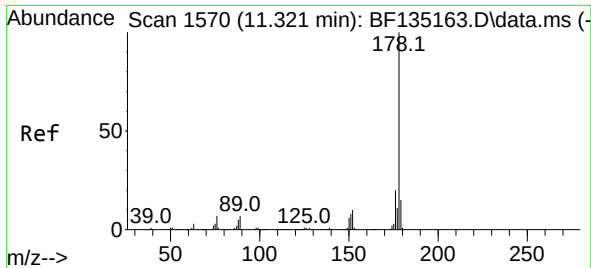
Ion Ratio Lower Upper

266 100

268 64.6 52.1 78.1

264 62.3 50.8 76.2





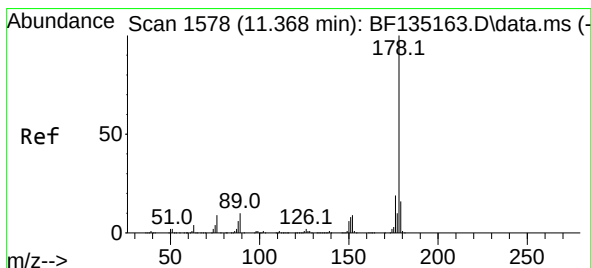
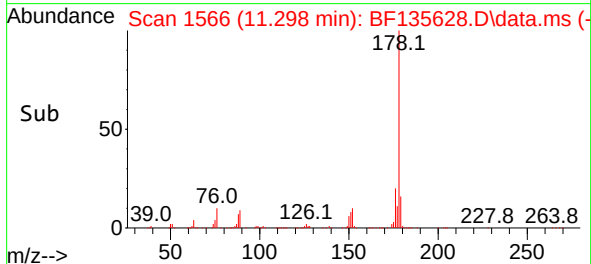
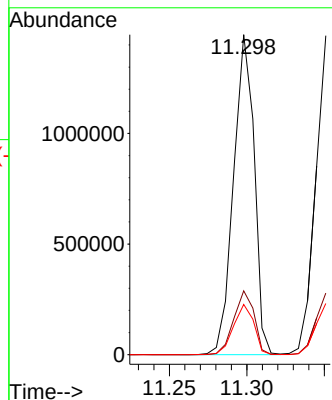
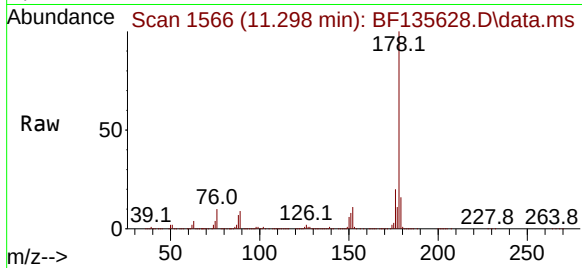
#71  
Phenanthrene  
Concen: 52.682 ng  
RT: 11.298 min Scan# 11298  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD

Tgt Ion:178 Resp: 1341999  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.6 23.4  
179 15.7 12.0 18.0

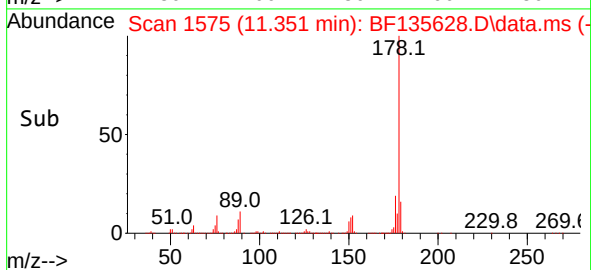
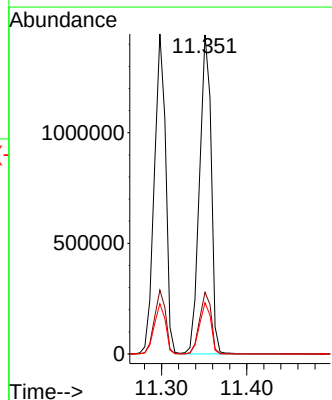
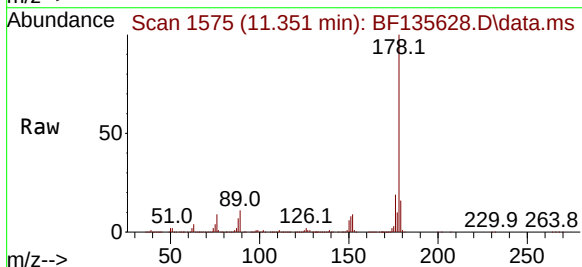
Manual Integrations  
APPROVED

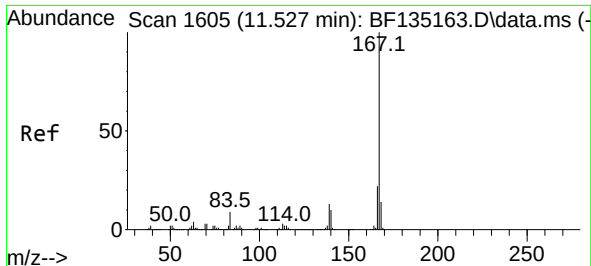
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#72  
Anthracene  
Concen: 52.265 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

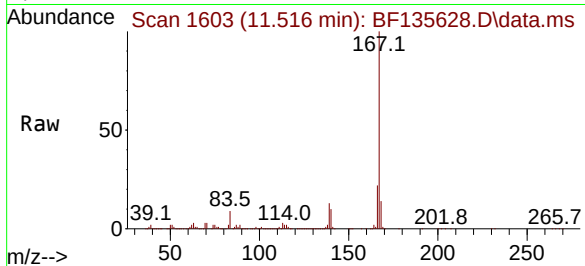
Tgt Ion:178 Resp: 1368524  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 16.0 12.6 19.0





#73  
 Carbazole  
 Concen: 54.429 ng  
 RT: 11.516 min Scan# 1603  
 Delta R.T. 0.006 min  
 Lab File: BF135628.D  
 Acq: 06 Oct 2023 14:39

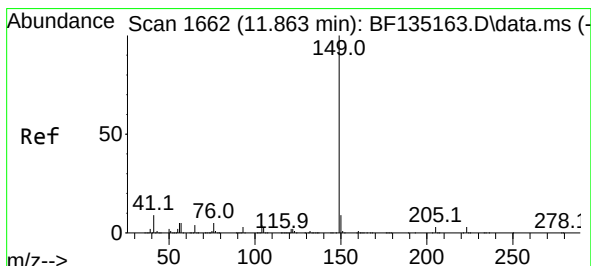
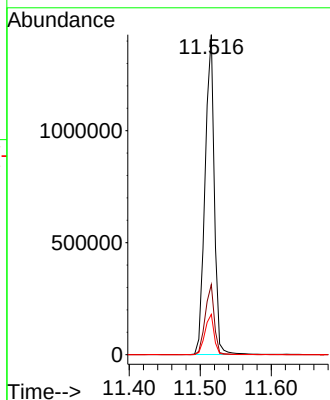
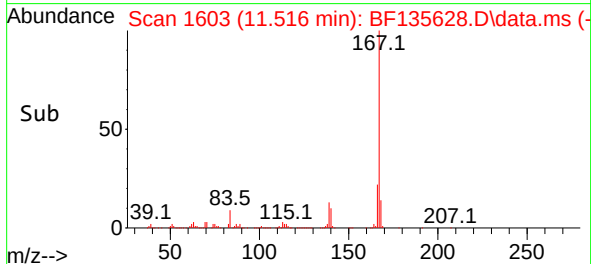
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MSD



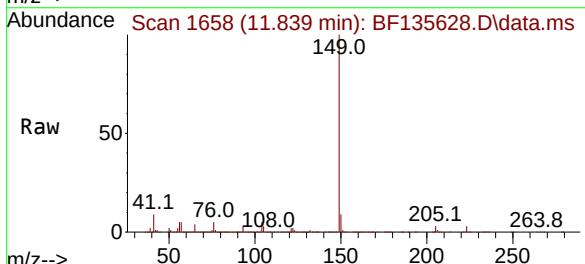
Tgt Ion:167 Resp: 1297382  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 12.6 10.6 15.8

Manual Integrations  
 APPROVED

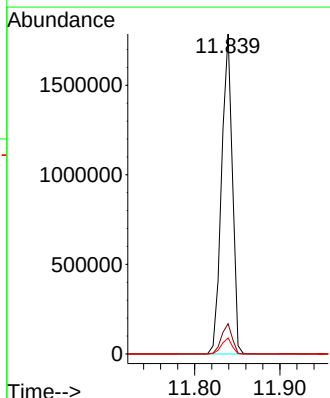
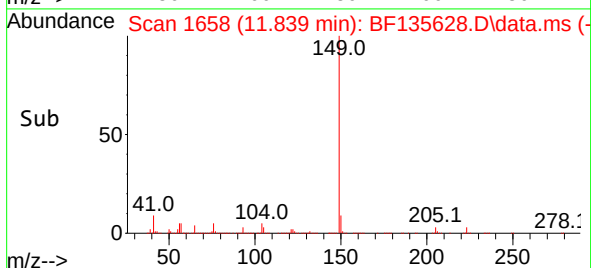
Reviewed By :Yogesh Patel 10/08/2023  
 Supervised By :mohammad ahmed 10/08/2023



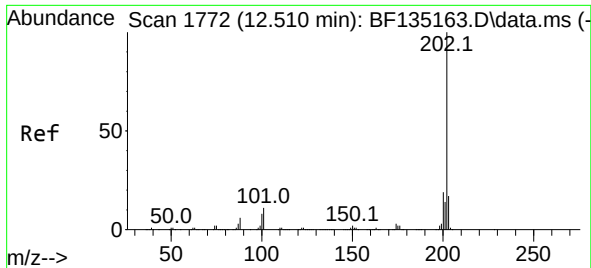
#74  
 Di-n-butylphthalate  
 Concen: 55.913 ng  
 RT: 11.839 min Scan# 1658  
 Delta R.T. 0.006 min  
 Lab File: BF135628.D  
 Acq: 06 Oct 2023 14:39



Tgt Ion:149 Resp: 1570428  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.0  
 104 5.0 3.6 5.4

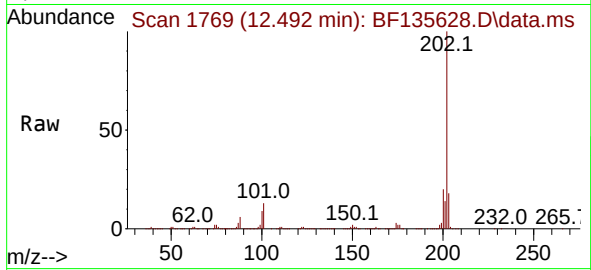






#75  
Fluoranthene  
Concen: 53.382 ng  
RT: 12.492 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

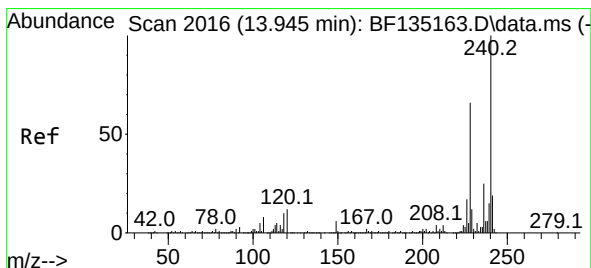
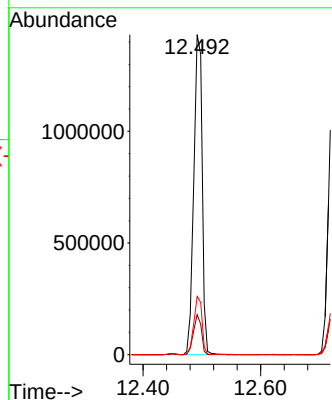
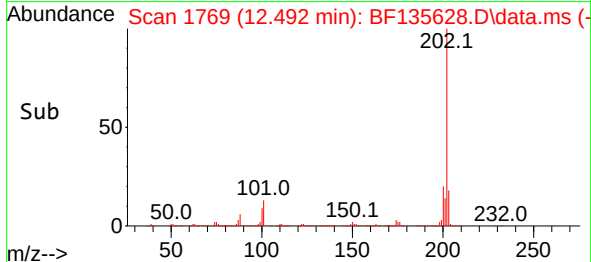
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



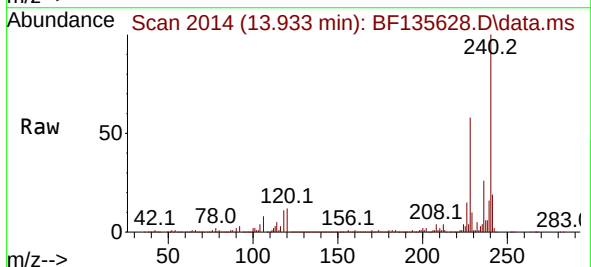
Tgt Ion:202 Resp: 1416929  
Ion Ratio Lower Upper  
202 100  
101 12.5 0.0 31.3  
203 18.2 0.0 37.4

Manual Integrations  
APPROVED

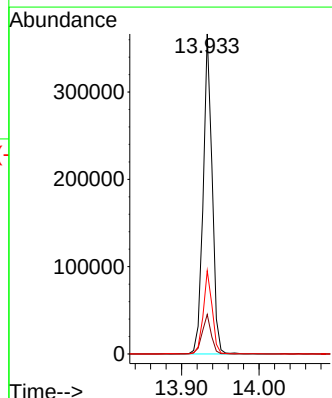
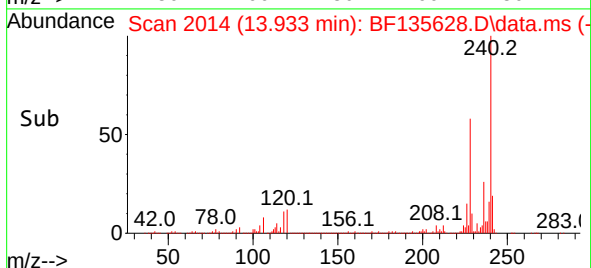
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023

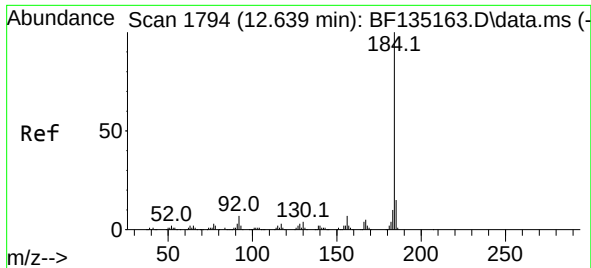


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



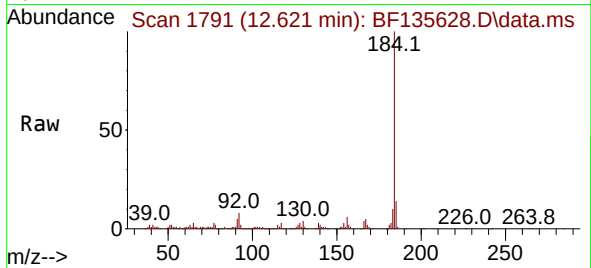
Tgt Ion:240 Resp: 294429  
Ion Ratio Lower Upper  
240 100  
120 12.4 9.4 14.2  
236 26.0 19.8 29.8





#77  
Benzidine  
Concen: 33.493 ng  
RT: 12.621 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

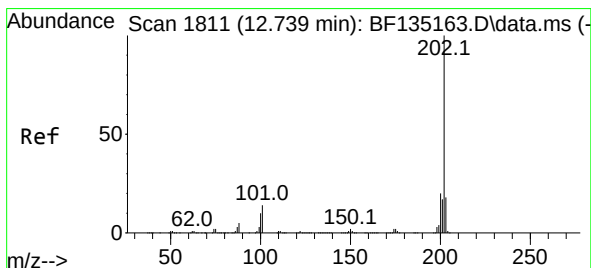
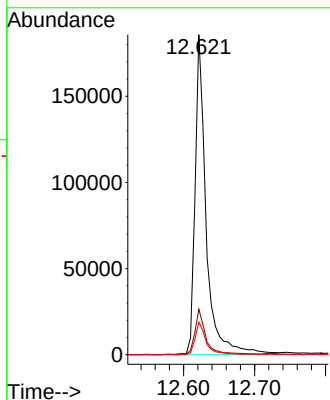
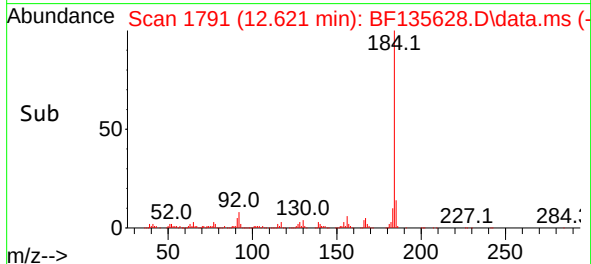
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:184 Resp: 202030  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 10.1 8.2 12.4

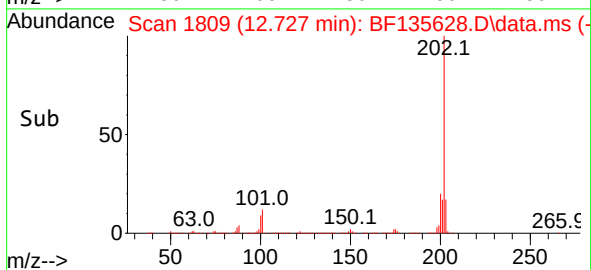
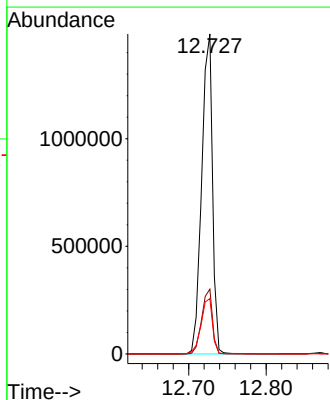
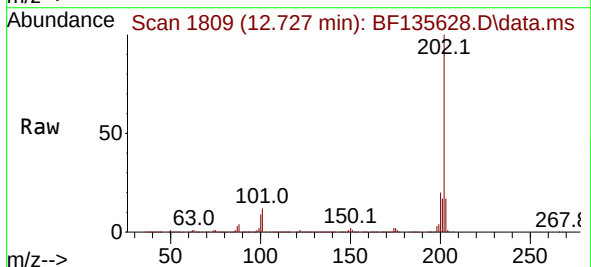
Manual Integrations  
APPROVED

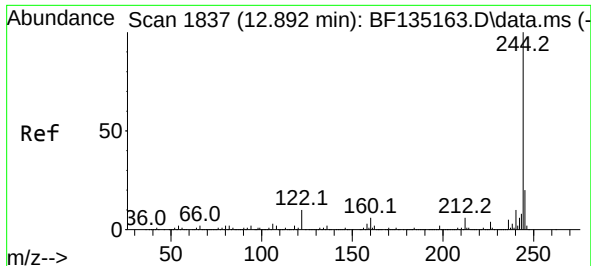
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#78  
Pyrene  
Concen: 51.298 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

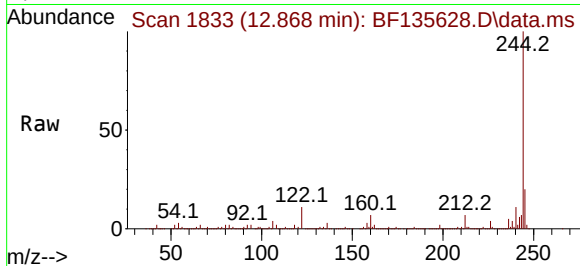
Tgt Ion:202 Resp: 1437989  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.2 24.2  
203 17.3 14.2 21.4





#79  
 Terphenyl-d14  
 Concen: 89.885 ng  
 RT: 12.868 min Scan# 1833  
 Delta R.T. 0.006 min  
 Lab File: BF135628.D  
 Acq: 06 Oct 2023 14:39

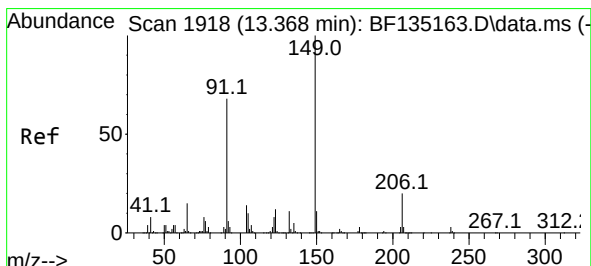
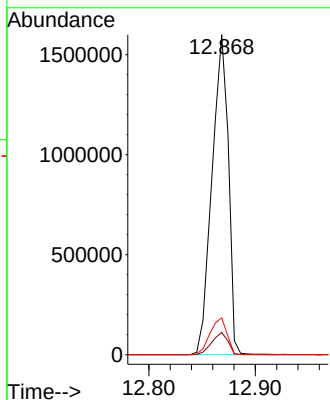
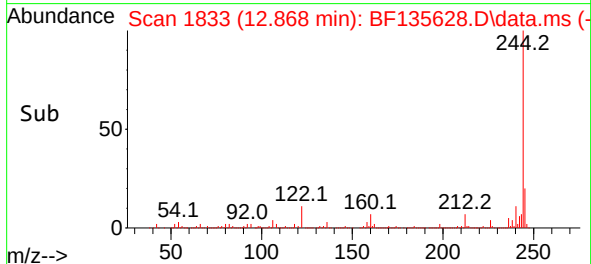
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MSD



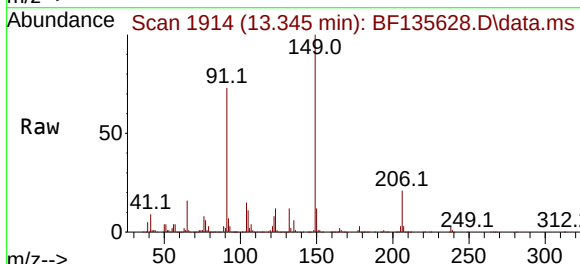
Tgt Ion:244 Resp: 1707194  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.1 7.7  
 122 11.5 7.9 11.9

Manual Integrations  
 APPROVED

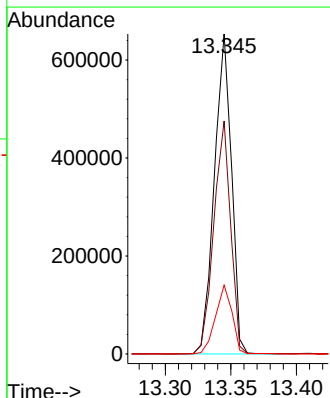
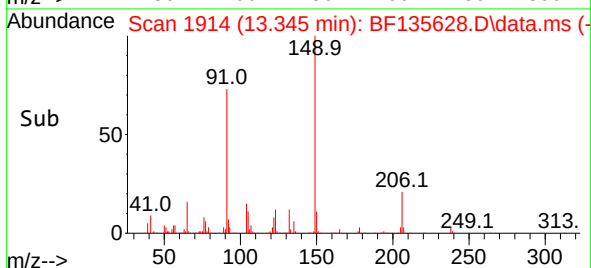
Reviewed By :Yogesh Patel 10/08/2023  
 Supervised By :mohammad ahmed 10/08/2023

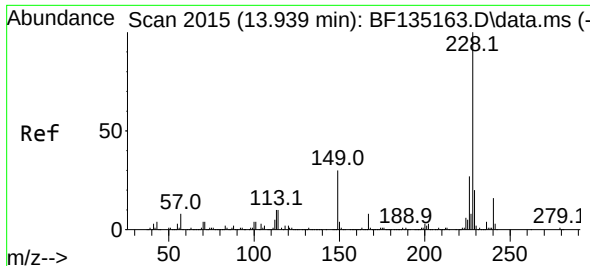


#80  
 Butylbenzylphthalate  
 Concen: 59.931 ng  
 RT: 13.345 min Scan# 1914  
 Delta R.T. 0.006 min  
 Lab File: BF135628.D  
 Acq: 06 Oct 2023 14:39



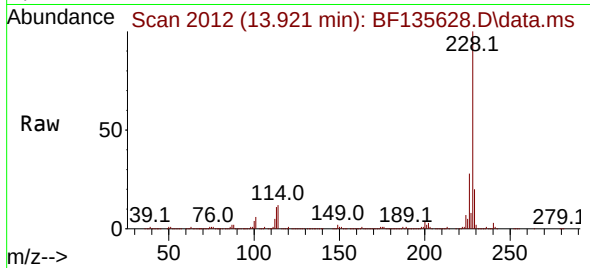
Tgt Ion:149 Resp: 591489  
 Ion Ratio Lower Upper  
 149 100  
 91 72.8 54.7 82.1  
 206 21.5 16.3 24.5





#81  
Benzo(a)anthracene  
Concen: 55.131 ng  
RT: 13.921 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

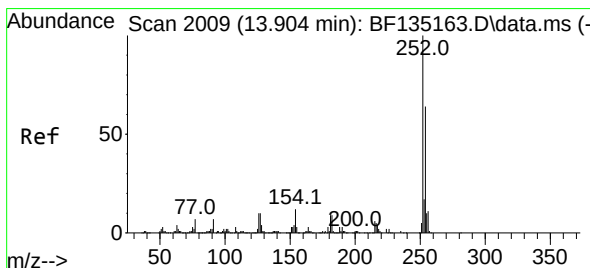
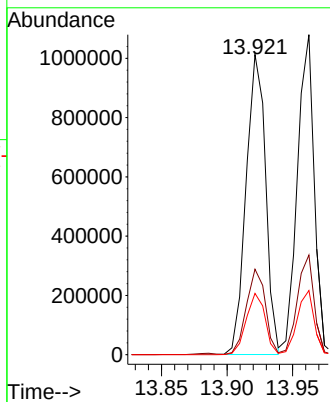
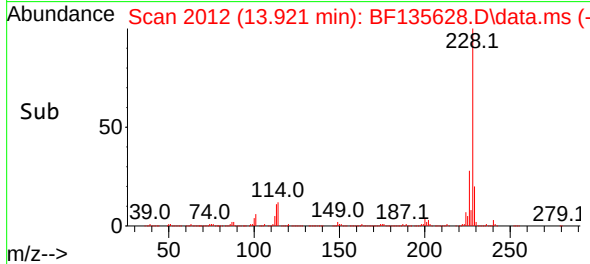
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



Tgt Ion:228 Resp: 1048154  
Ion Ratio Lower Upper  
228 100  
226 28.5 21.7 32.5  
229 20.4 15.8 23.8

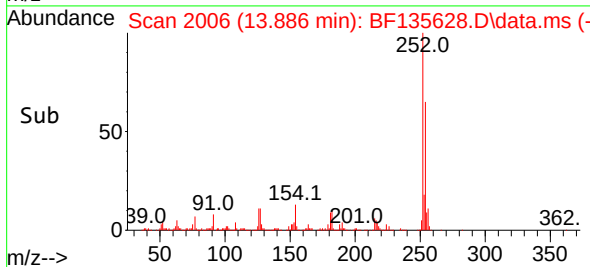
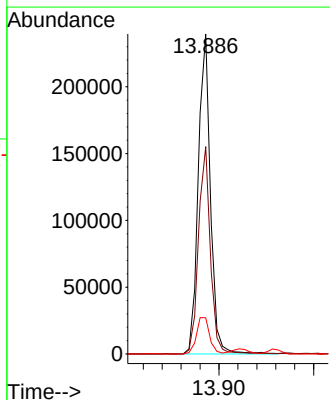
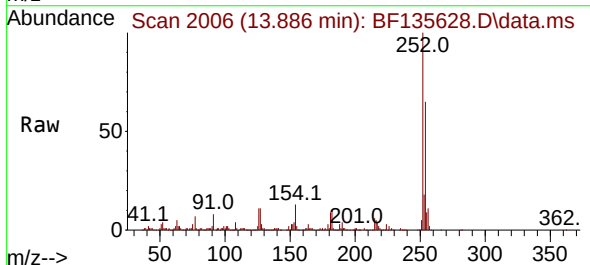
Manual Integrations  
APPROVED

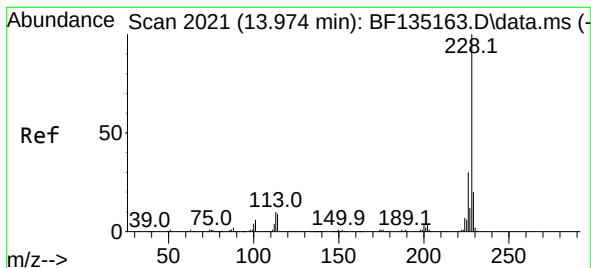
Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 35.972 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. 0.006 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

Tgt Ion:252 Resp: 213618  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.0 76.4  
126 11.3 7.8 11.8





#83

Chrysene

Concen: 51.469 ng

RT: 13.962 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

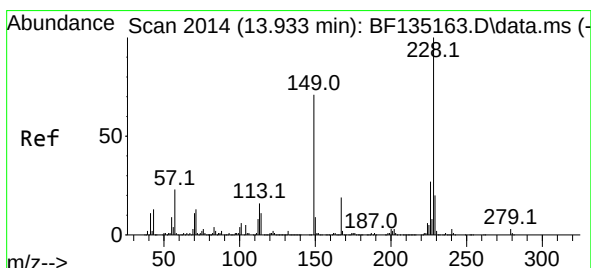
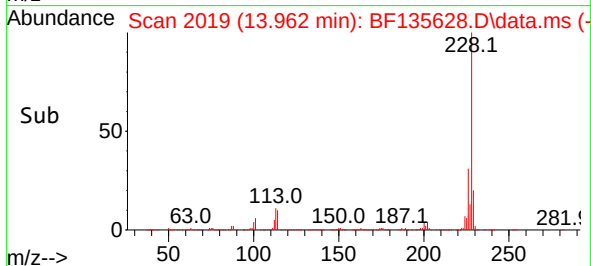
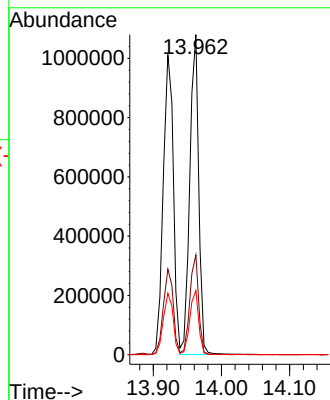
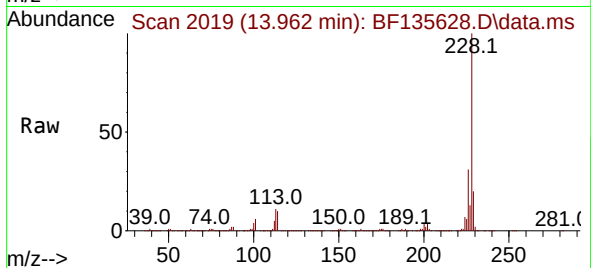
TP-1MSD

Tgt Ion:228 Resp: 972894  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 24.3 36.5  
 229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023  
 Supervised By :mohammad ahmed 10/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.400 ng

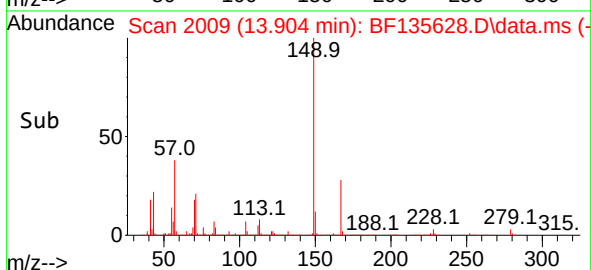
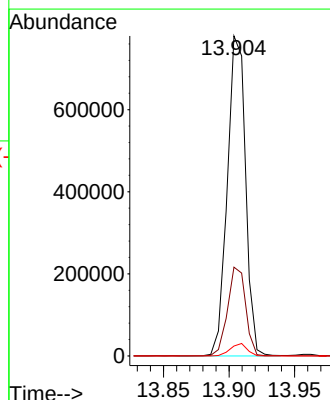
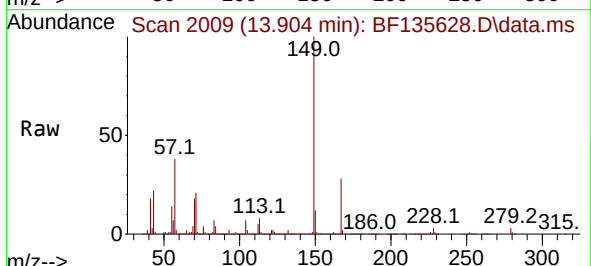
RT: 13.904 min Scan# 2009

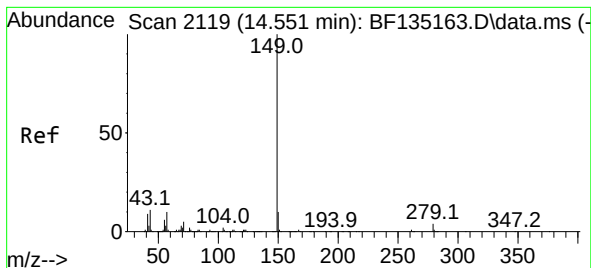
Delta R.T. 0.000 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Tgt Ion:149 Resp: 753512  
 Ion Ratio Lower Upper  
 149 100  
 167 27.8 21.9 32.9  
 279 3.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 70.219 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135628.D

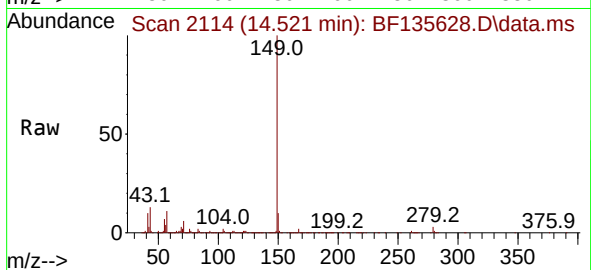
Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

TP-1MSD



Tgt Ion:149 Resp: 113018

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

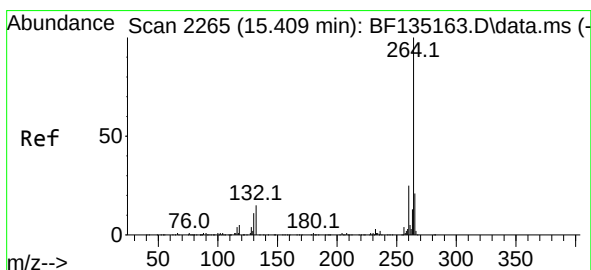
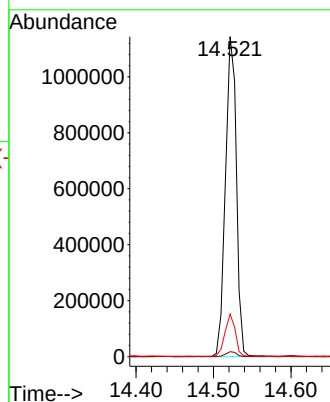
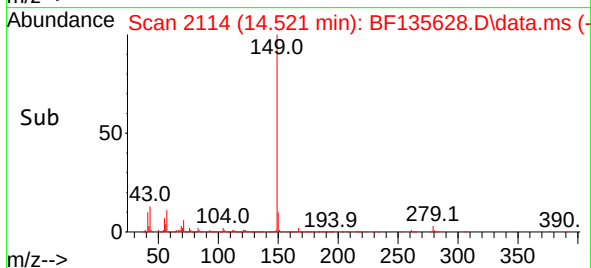
43 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

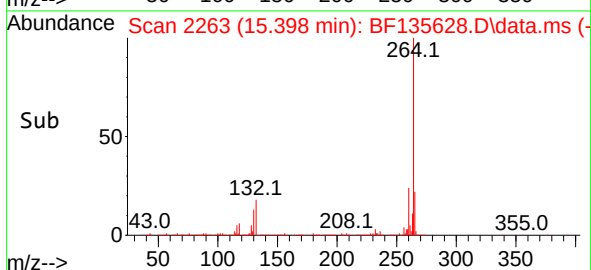
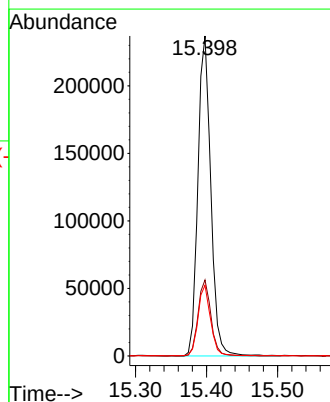
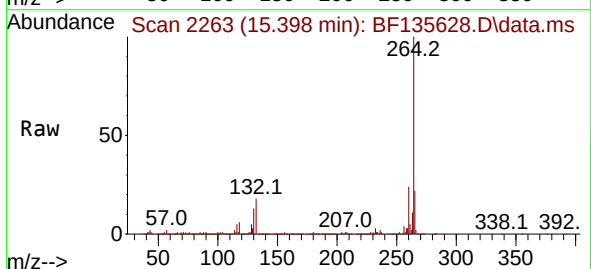
Tgt Ion:264 Resp: 299651

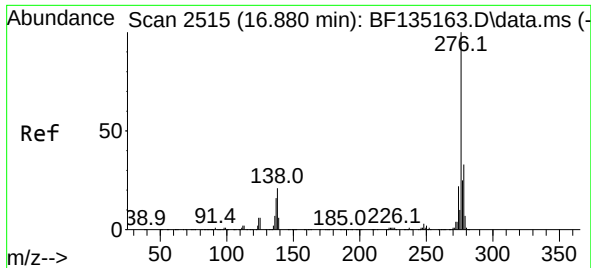
Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

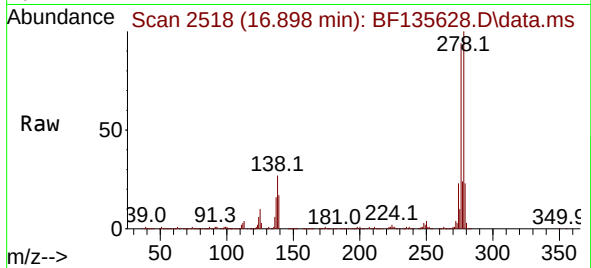
265 22.1 17.0 25.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.822 ng  
RT: 16.898 min Scan# 2118  
Delta R.T. 0.029 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

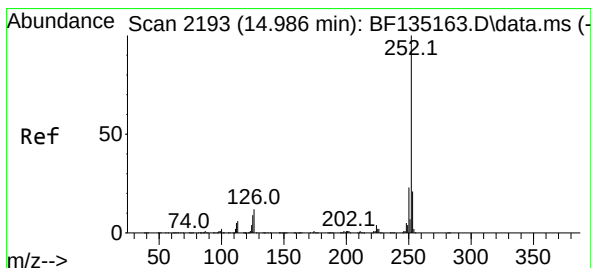
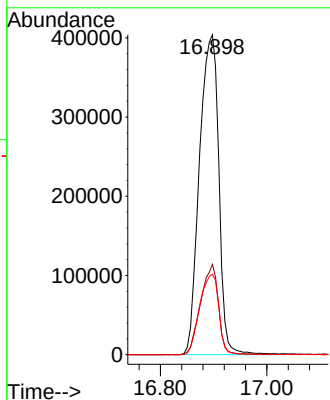
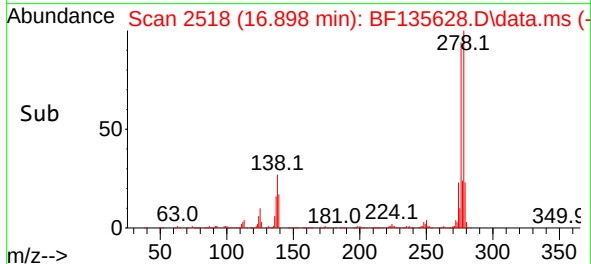
Instrument :  
BNA\_F  
Client SampleId :  
TP-1MSD



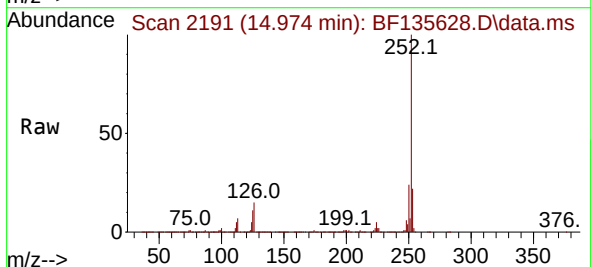
Tgt Ion: 276 Resp: 101815  
Ion Ratio Lower Upper  
276 100  
138 26.0 19.2 28.8  
277 25.0 19.7 29.5

Manual Integrations  
APPROVED

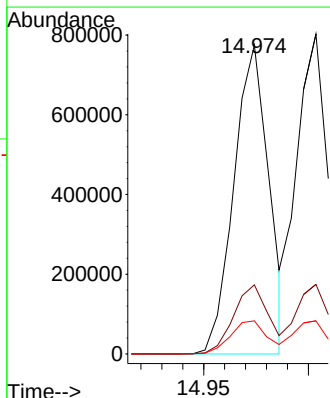
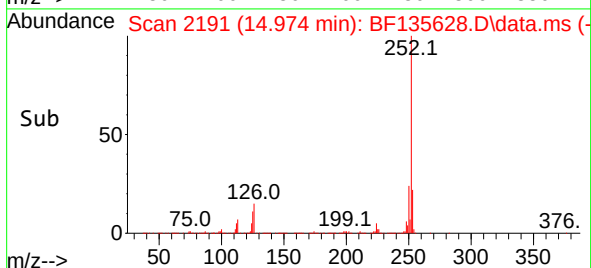
Reviewed By : Yogesh Patel 10/08/2023  
Supervised By : mohammad ahmed 10/08/2023

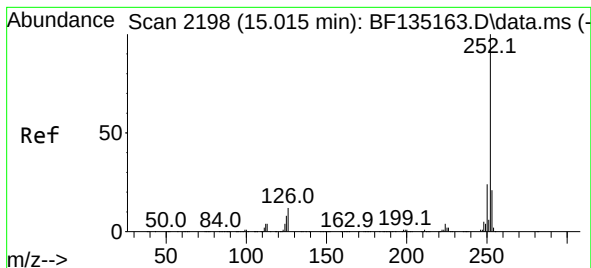


#88  
Benzo(b)fluoranthene  
Concen: 55.432 ng m  
RT: 14.974 min Scan# 2191  
Delta R.T. 0.012 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion: 252 Resp: 899169  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 10.7 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 52.488 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA\_F

ClientSampleId :

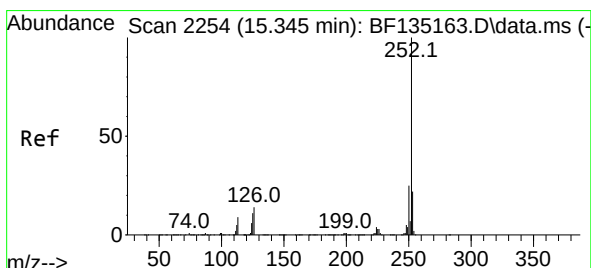
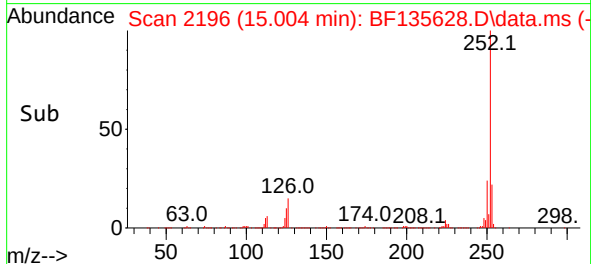
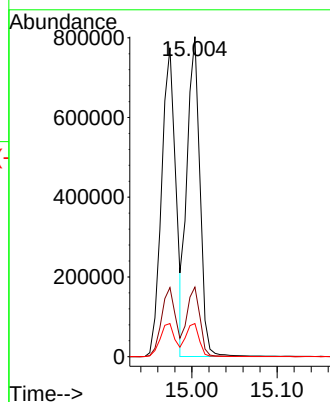
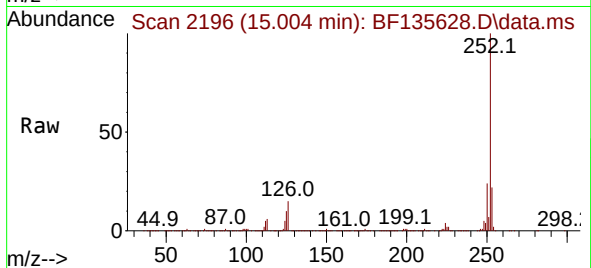
TP-1MSD

Tgt Ion:252 Resp: 841043  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.4 26.0  
 125 10.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023  
 Supervised By :mohammad ahmed 10/08/2023



#90

Benzo(a)pyrene

Concen: 51.247 ng

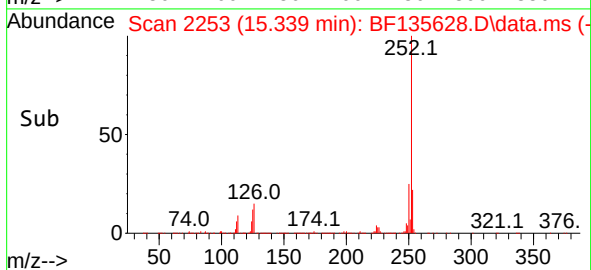
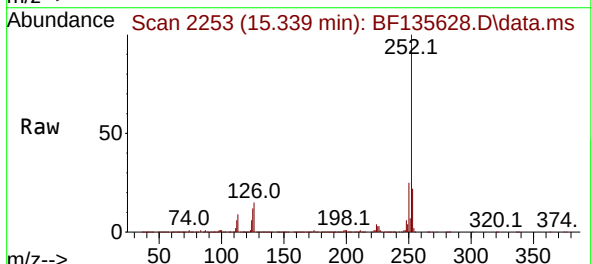
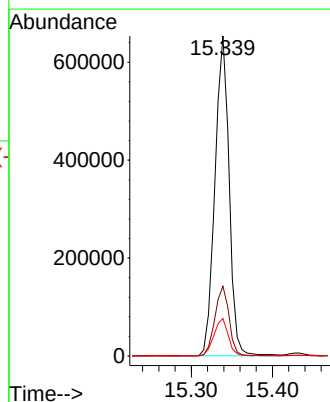
RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

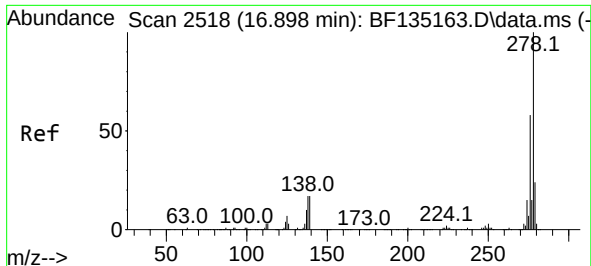
Lab File: BF135628.D

Acq: 06 Oct 2023 14:39

Tgt Ion:252 Resp: 792743  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.5 26.3  
 125 11.7 9.2 13.8

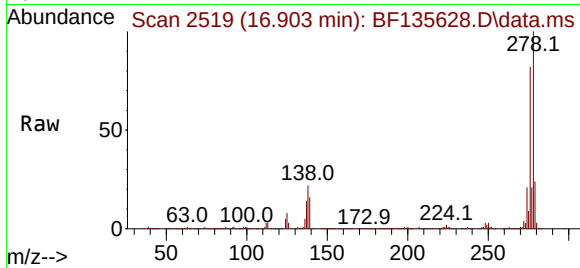






#91  
Dibenzo(a,h)anthracene  
Concen: 51.052 ng  
RT: 16.903 min Scan# 2518  
Delta R.T. 0.024 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39

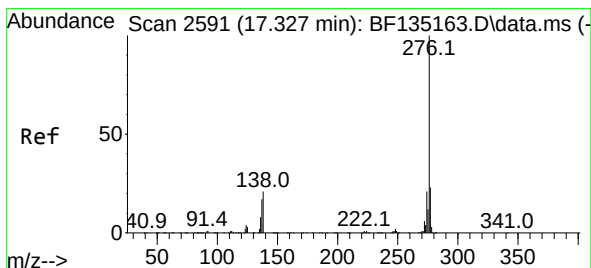
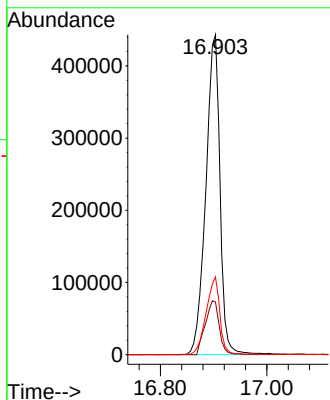
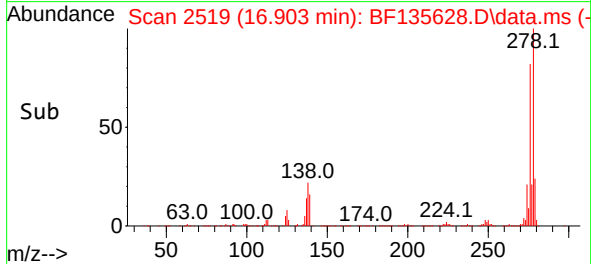
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MSD



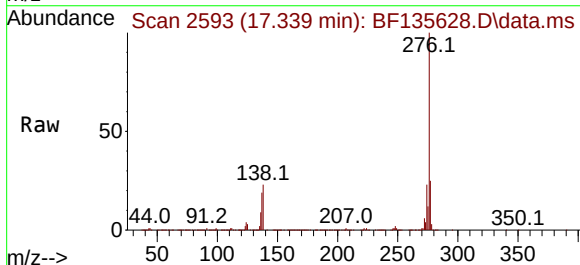
Tgt Ion:278 Resp: 82068  
Ion Ratio Lower Upper  
278 100  
139 16.5 13.4 20.0  
279 24.3 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2023  
Supervised By :mohammad ahmed 10/08/2023



#92  
Benzo(g,h,i)perylene  
Concen: 50.959 ng  
RT: 17.339 min Scan# 2593  
Delta R.T. 0.024 min  
Lab File: BF135628.D  
Acq: 06 Oct 2023 14:39



Tgt Ion:276 Resp: 855547  
Ion Ratio Lower Upper  
276 100  
277 24.5 18.8 28.2  
138 23.2 16.9 25.3

