

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030124\  
 Data File : BF137461.D  
 Acq On : 01 Mar 2024 16:15  
 Operator : CG\JU  
 Sample : P1602-03MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
 Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 01 16:42:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 12:53:33 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 186055   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.145  | 136  | 704204   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 352977   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.398 | 188  | 515649   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 373285   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.592 | 264  | 348222   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.546  | 112  | 1472412  | 119.858 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.522  | 99   | 1852238  | 104.455 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 1299058  | 85.713  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 376597   | 121.493 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 2017668  | 89.478  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1868123  | 68.818  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.905  | 88   | 264260   | 39.342  | ng    | # 85     |
| 3) Pyridine                   | 3.634  | 79   | 541623   | 33.434  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 302020   | 46.180  | ng    | 97       |
| 6) Aniline                    | 6.545  | 93   | 514479   | 23.744  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 575461   | 44.413  | ng    | 96       |
| 9) Benzaldehyde               | 6.440  | 77   | 31746    | 3.654   | ng    | 97       |
| 10) Phenol                    | 6.534  | 94   | 734209   | 38.468  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 634901   | 45.395  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 618764   | 44.690  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 641889   | 45.311  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 600015   | 46.146  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 522656   | 47.344  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 1040660  | 43.287  | ng    | 98       |
| 17) 2-Methylphenol            | 7.128  | 107  | 475147   | 39.190  | ng    | 98       |
| 18) Hexachloroethane          | 7.375  | 117  | 211175   | 45.273  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 452197   | 41.296  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 547037   | 39.395  | ng    | # 89     |
| 22) Acetophenone              | 7.281  | 105  | 780667   | 45.818  | ng    | 98       |
| 24) Nitrobenzene              | 7.451  | 77   | 679324   | 44.619  | ng    | 99       |
| 25) Isophorone                | 7.687  | 82   | 1295532  | 44.994  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.763  | 139  | 284464   | 47.062  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 435573   | 38.566  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 774082   | 45.820  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 475113   | 45.835  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.087  | 180  | 506811   | 46.461  | ng    | 99       |
| 31) Naphthalene               | 8.169  | 128  | 1656768  | 43.849  | ng    | 99       |
| 32) Benzoic acid              | 7.910  | 122  | 106261   | 20.492  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 133863   | 9.035   | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 297522   | 46.199  | ng    | 99       |
| 35) Caprolactam               | 8.587  | 113  | 133857m  | 38.083  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 501534   | 43.286  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.857  | 142  | 1008434  | 41.867  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.957  | 142  | 952802   | 42.005  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 483300   | 49.045  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 286756   | 72.202  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 312833   | 48.750  | ng    | 98       |

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Instrument :  
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Manual Integrations  
 APPROVED

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 Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 01 16:42:14 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 12:53:33 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 338017   | 45.726 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 1243357  | 48.127 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 965139   | 48.999 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 320517   | 47.876 | ng    | 98       |
| 49) Acenaphthylene            | 9.763  | 152  | 1525535  | 48.396 | ng    | 99       |
| 50) Dimethylphthalate         | 9.634  | 163  | 1172911  | 47.735 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 243839   | 47.446 | ng    | 98       |
| 52) Acenaphthene              | 9.939  | 154  | 845663   | 44.937 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 142871   | 26.282 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 80437    | 37.015 | ng    | 90       |
| 55) Dibenzofuran              | 10.110 | 168  | 1307980  | 45.634 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 270674   | 70.553 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 291195   | 46.118 | ng    | 96       |
| 58) Fluorene                  | 10.457 | 166  | 949087   | 43.116 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 264675m  | 44.649 | ng    |          |
| 60) Diethylphthalate          | 10.333 | 149  | 1086559  | 46.828 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 467630   | 43.347 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 177071   | 37.899 | ng    | 98       |
| 63) Azobenzene                | 10.610 | 77   | 1193035  | 44.652 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 80532    | 28.021 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 851114   | 51.258 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 283057   | 50.399 | ng    | # 92     |
| 68) Hexachlorobenzene         | 11.004 | 284  | 294506   | 51.917 | ng    | # 92     |
| 69) Atrazine                  | 11.104 | 200  | 267606   | 53.015 | ng    | 97       |
| 70) Pentachlorophenol         | 11.198 | 266  | 261214   | 76.174 | ng    | 98       |
| 71) Phenanthrene              | 11.422 | 178  | 1333493  | 47.518 | ng    | 99       |
| 72) Anthracene                | 11.475 | 178  | 1370105  | 47.537 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 1180797  | 47.829 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1516804  | 51.639 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 1272012  | 46.372 | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 307814   | 33.696 | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 1312543  | 35.835 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 433966   | 46.393 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 1248263  | 47.711 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 250100   | 35.896 | ng    | 98       |
| 83) Chrysene                  | 14.086 | 228  | 1245597  | 47.105 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 649624   | 54.639 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 1349869  | 57.635 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.180 | 276  | 788185   | 34.395 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.133 | 252  | 1220741  | 59.263 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.163 | 252  | 1112859  | 50.299 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.521 | 252  | 970228   | 47.797 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.209 | 278  | 649197   | 34.923 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.662 | 276  | 591311   | 30.974 | ng    | 99       |

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

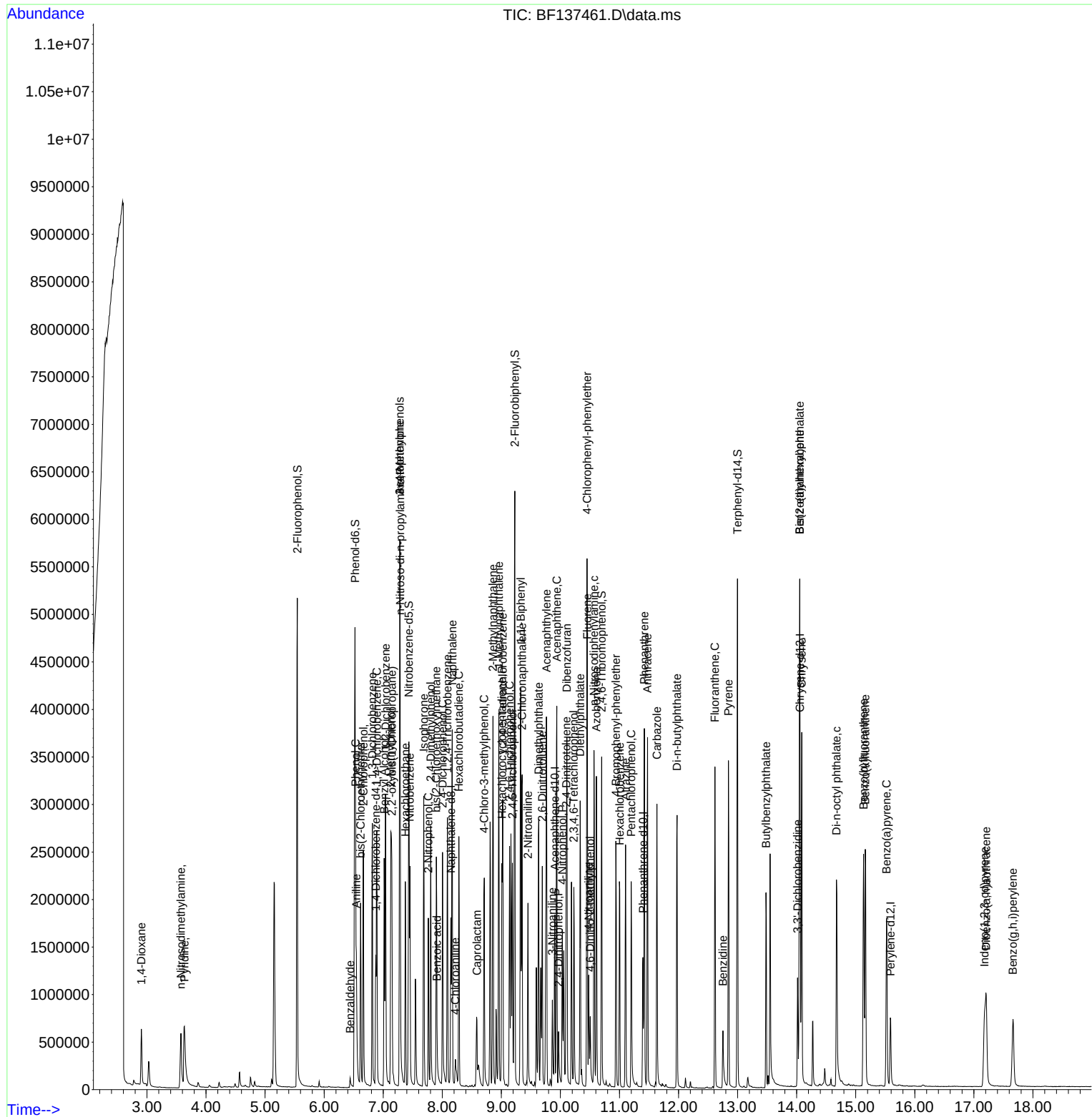
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030124\  
Data File : BF137461.D  
Acq On : 01 Mar 2024 16:15  
Operator : CG\JU  
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

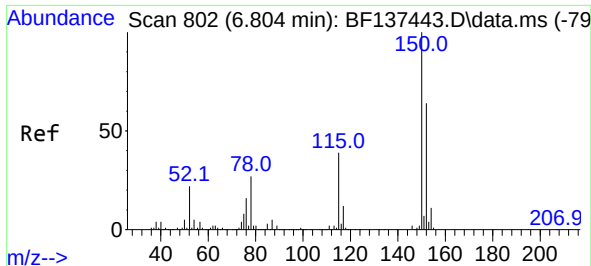
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

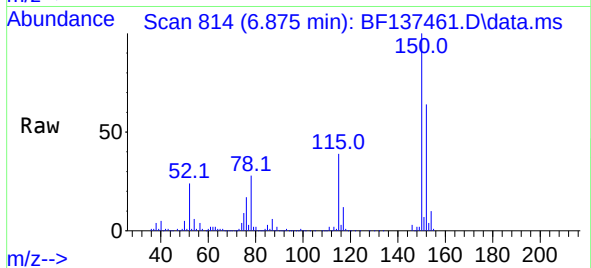
Quant Time: Mar 01 16:42:14 2024  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 01 12:53:33 2024  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

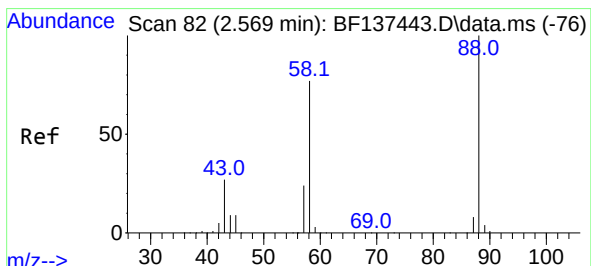
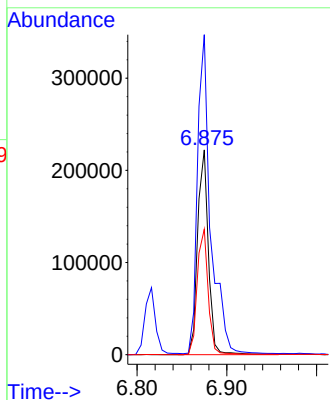
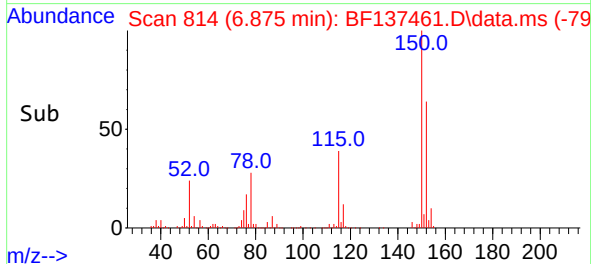
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion:152 Resp: 18605  
Ion Ratio Lower Upper  
152 100  
150 156.2 125.8 188.6  
115 61.2 48.8 73.2

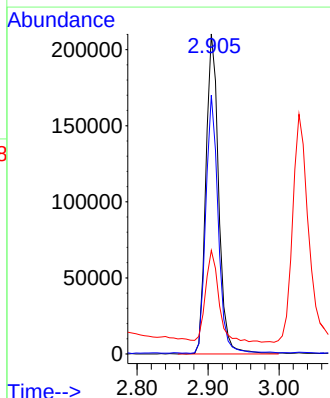
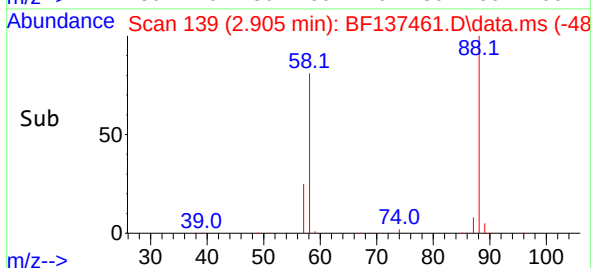
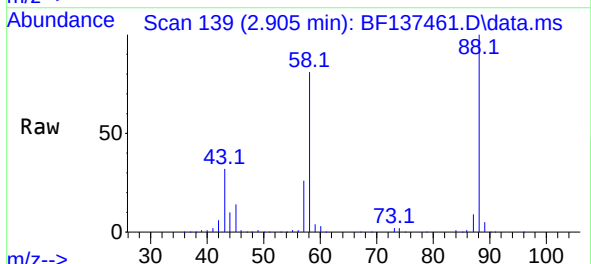
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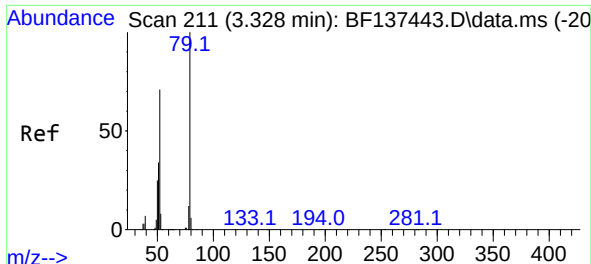
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#2  
1,4-Dioxane  
Concen: 39.342 ng  
RT: 2.905 min Scan# 139  
Delta R.T. 0.182 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

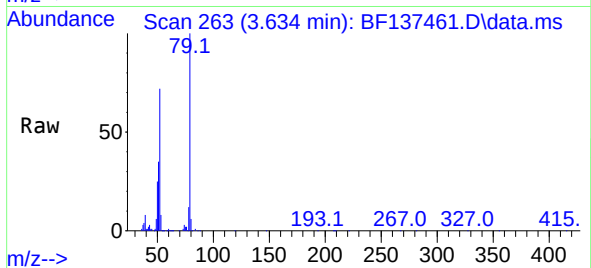
Tgt Ion: 88 Resp: 264260  
Ion Ratio Lower Upper  
88 100  
58 78.5 61.8 92.8  
43 0.0 22.2 33.4#





#3  
Pyridine  
Concen: 33.434 ng  
RT: 3.634 min Scan# 20  
Delta R.T. 0.118 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

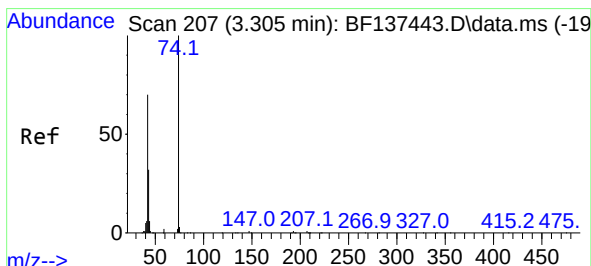
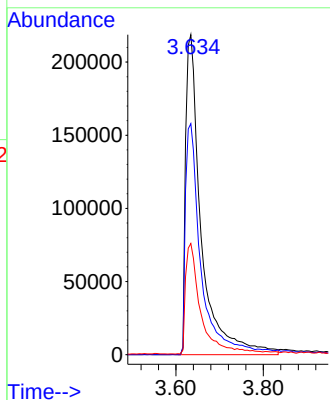
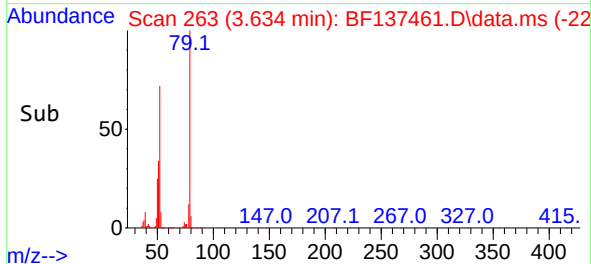
Instrument :  
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ClientSampleId :  
WC-1MS



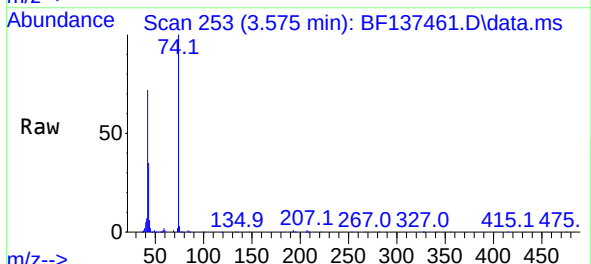
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Ion Ratio Lower Upper  
79 100  
52 72.2 57.0 85.4  
51 34.8 27.5 41.3

Manual Integrations  
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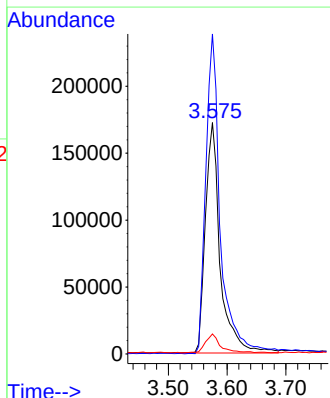
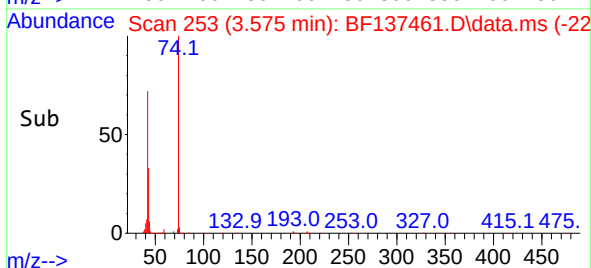
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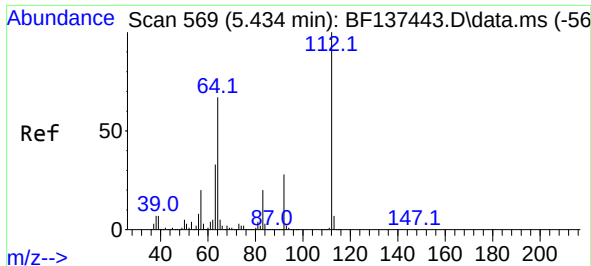


#4  
n-Nitrosodimethylamine  
Concen: 46.180 ng  
RT: 3.575 min Scan# 253  
Delta R.T. 0.077 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion: 42 Resp: 302020  
Ion Ratio Lower Upper  
42 100  
74 138.3 114.0 171.0  
44 8.7 7.0 10.4





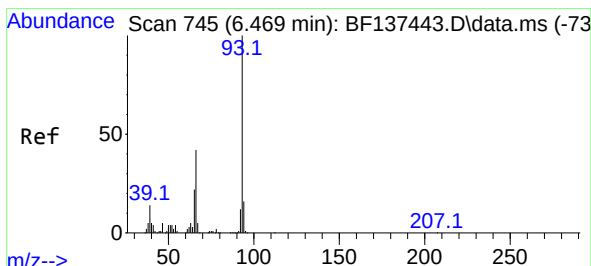
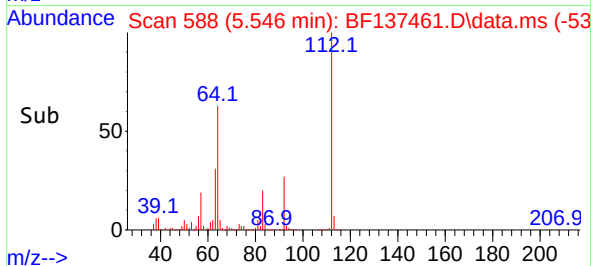
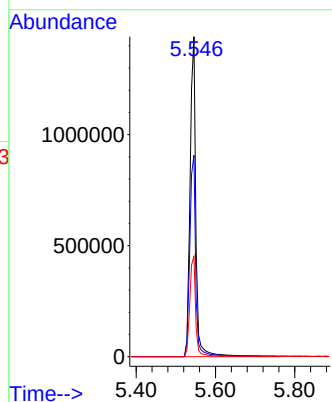
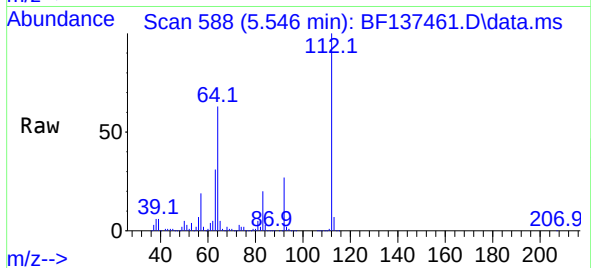
#5  
2-Fluorophenol  
Concen: 119.858 ng  
RT: 5.546 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

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Tgt Ion:112 Resp: 147241  
Ion Ratio Lower Upper  
112 100  
64 63.0 53.4 80.2  
63 31.3 26.2 39.2

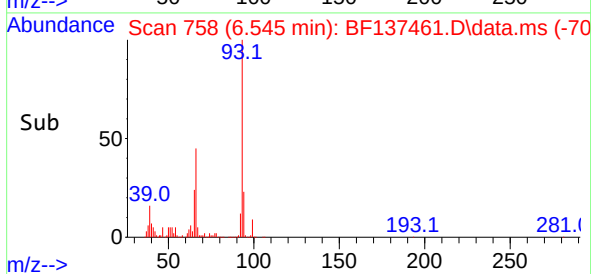
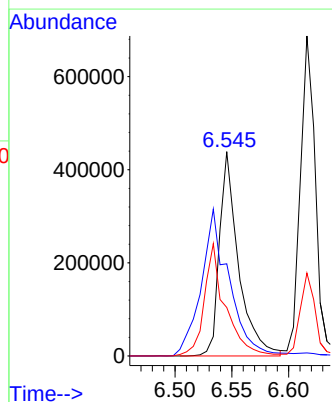
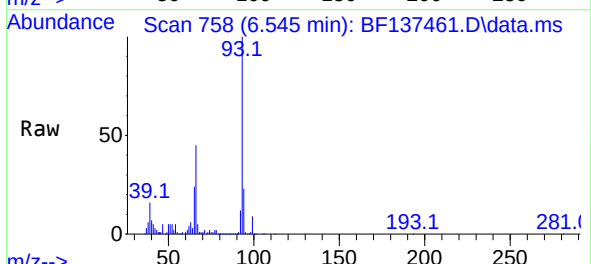
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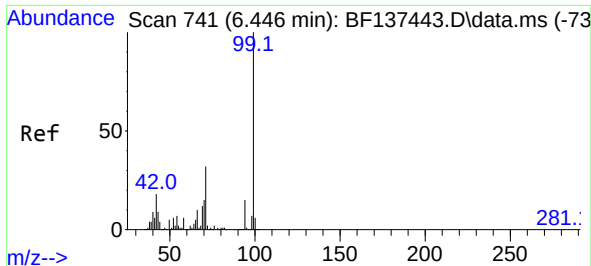
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#6  
Aniline  
Concen: 23.744 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

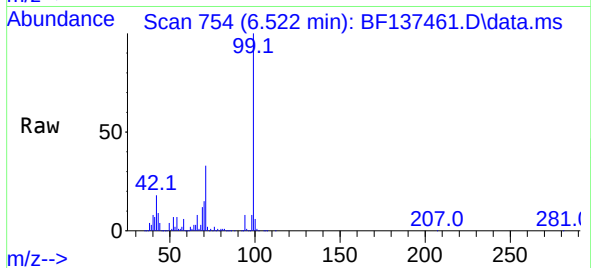
Tgt Ion: 93 Resp: 514479  
Ion Ratio Lower Upper  
93 100  
66 45.1 34.0 51.0  
65 23.7 17.8 26.8





#7  
Phenol-d6  
Concen: 104.455 ng  
RT: 6.522 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

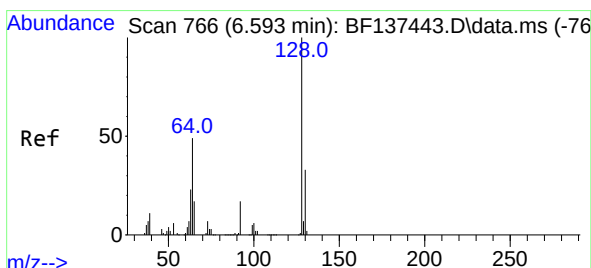
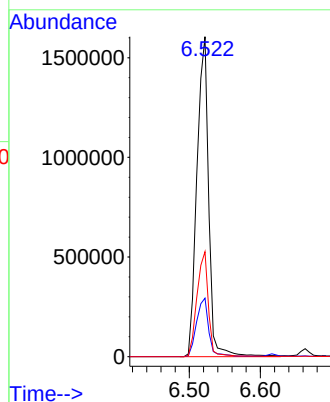
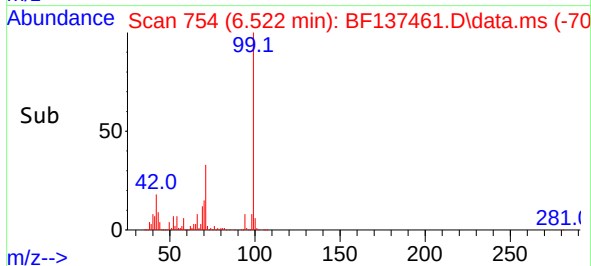
Instrument :  
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Tgt Ion: 99 Resp: 1852238  
Ion Ratio Lower Upper  
99 100  
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71 32.8 25.3 37.9

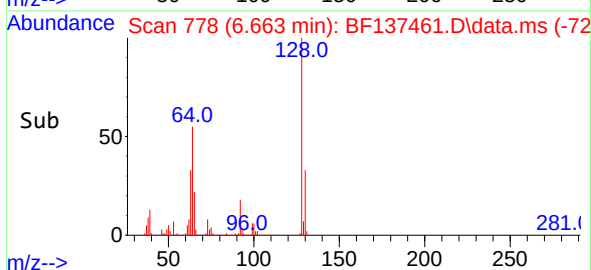
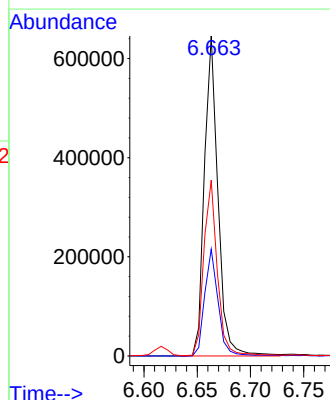
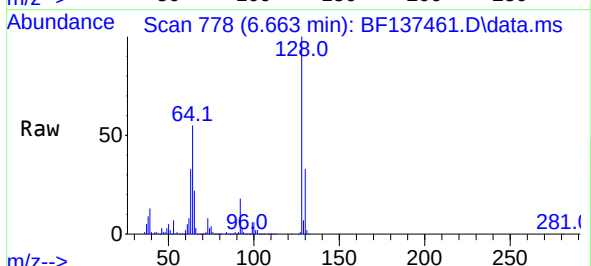
Manual Integrations  
APPROVED

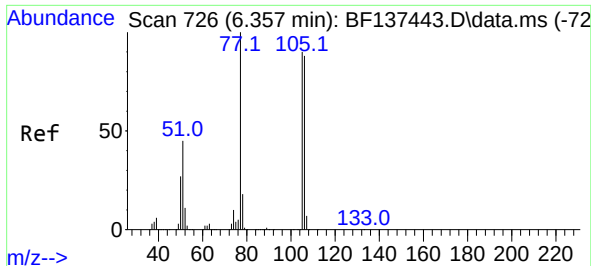
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#8  
2-Chlorophenol  
Concen: 44.413 ng  
RT: 6.663 min Scan# 778  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

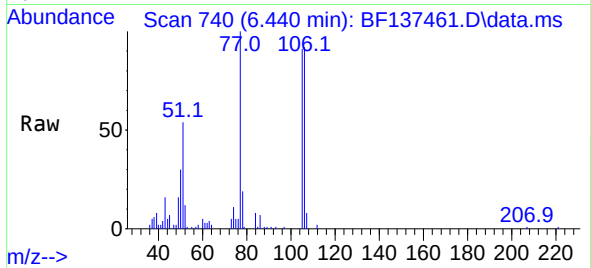
Tgt Ion:128 Resp: 575461  
Ion Ratio Lower Upper  
128 100  
130 33.4 13.4 53.4  
64 54.9 30.0 70.0





#9  
Benzaldehyde  
Concen: 3.654 ng  
RT: 6.440 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

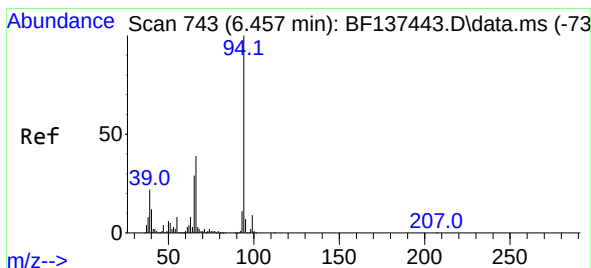
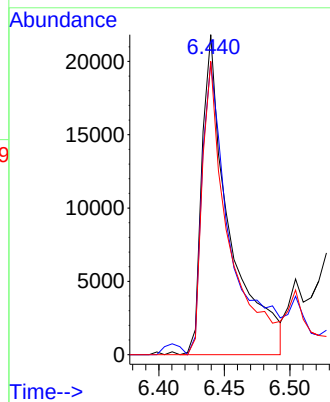
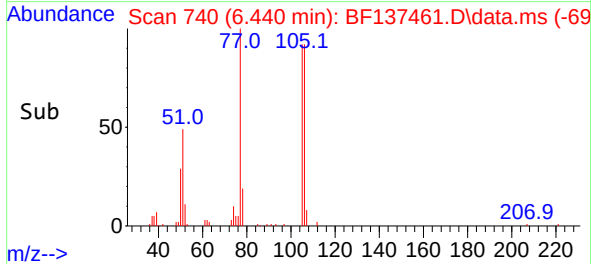
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



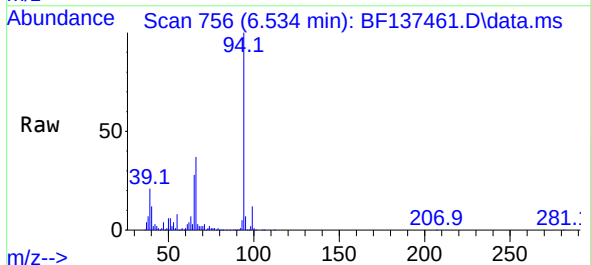
Tgt Ion: 77 Resp: 31740  
Ion Ratio Lower Upper  
77 100  
105 91.3 69.8 109.8  
106 91.7 67.8 107.8

Manual Integrations  
APPROVED

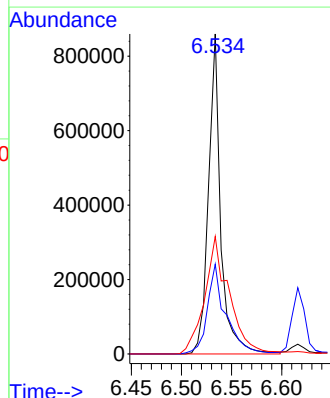
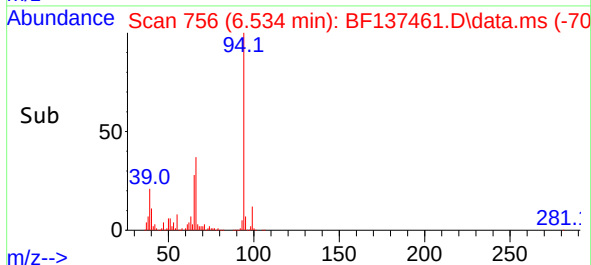
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



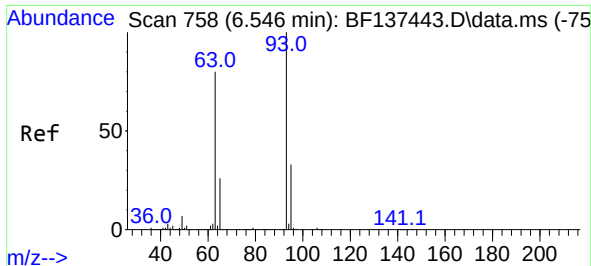
#10  
Phenol  
Concen: 38.468 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion: 94 Resp: 734209  
Ion Ratio Lower Upper  
94 100  
65 28.1 8.7 48.7  
66 36.7 18.6 58.6

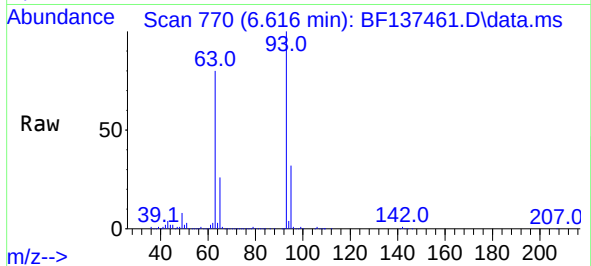






#11  
bis(2-Chloroethyl)ether  
Concen: 45.395 ng  
RT: 6.616 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

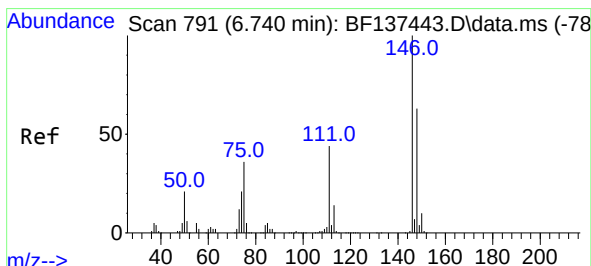
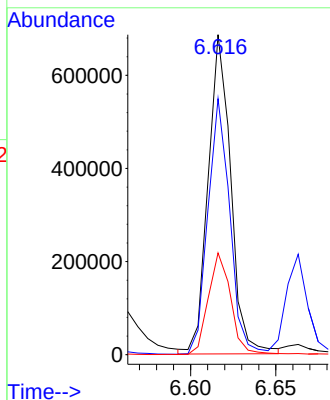
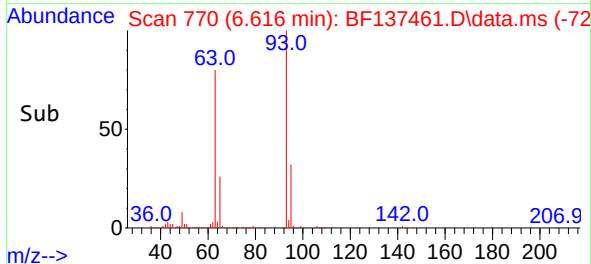
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



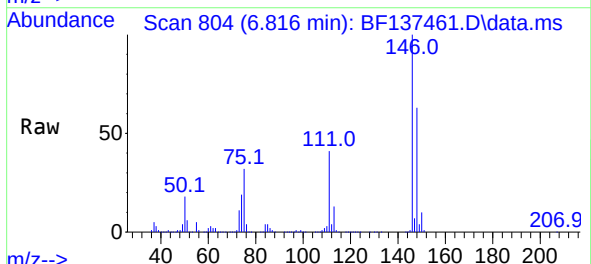
Tgt Ion: 93 Resp: 63490  
Ion Ratio Lower Upper  
93 100  
63 80.0 58.9 98.9  
95 31.8 12.2 52.2

Manual Integrations  
APPROVED

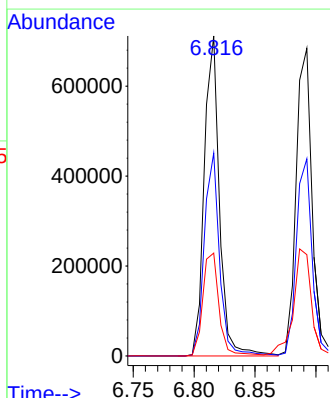
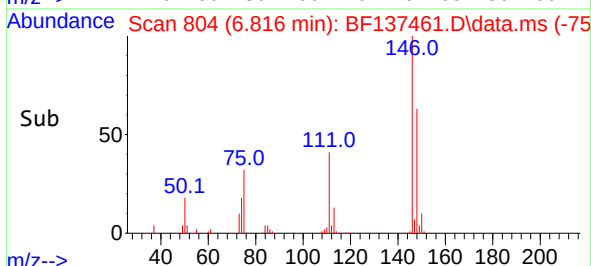
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

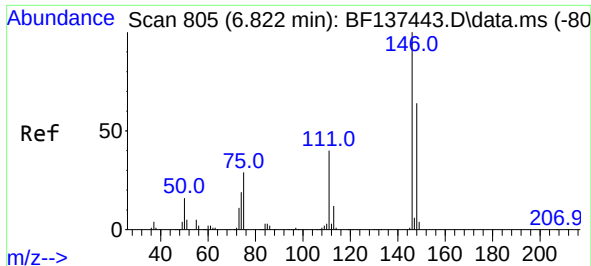


#12  
1,3-Dichlorobenzene  
Concen: 44.690 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:146 Resp: 618764  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.3 75.5  
75 32.1 29.0 43.4





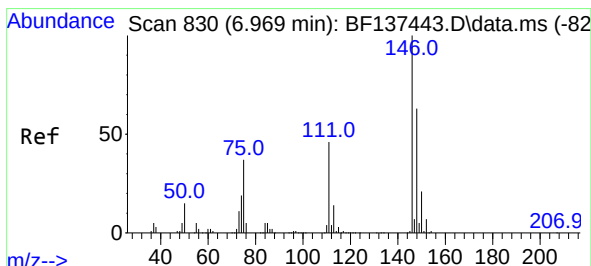
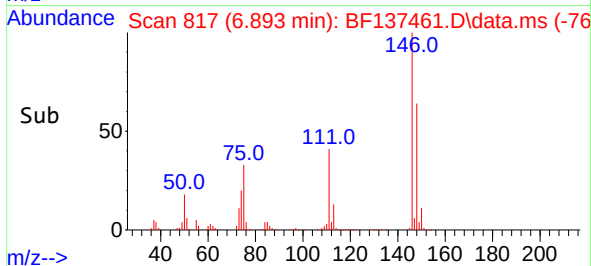
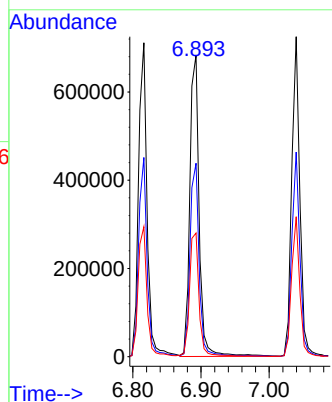
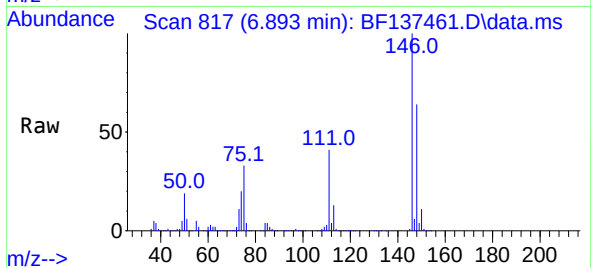
#13  
1,4-Dichlorobenzene  
Concen: 45.311 ng  
RT: 6.893 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:146 Resp: 641889  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.2 76.8  
111 41.0 32.4 48.6

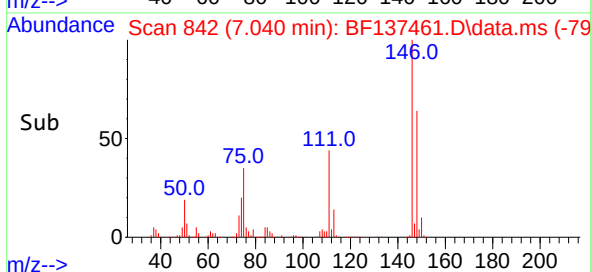
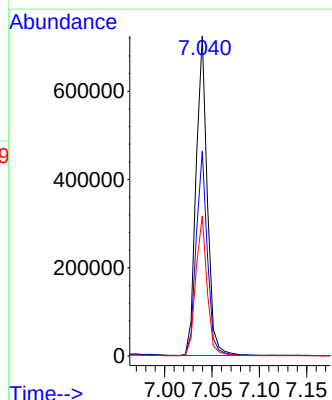
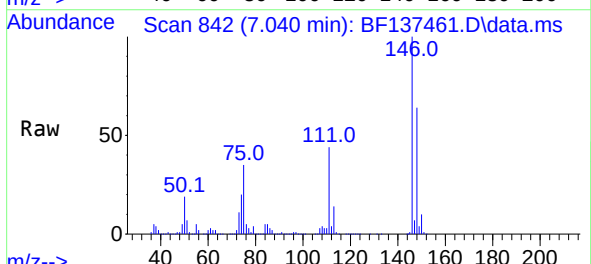
Manual Integrations  
APPROVED

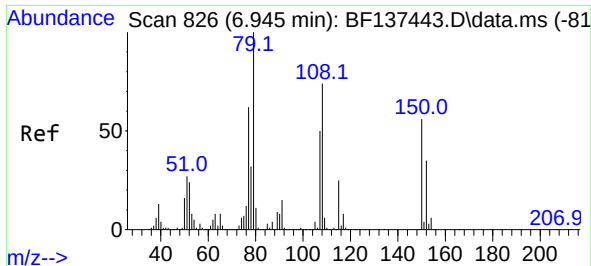
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#14  
1,2-Dichlorobenzene  
Concen: 46.146 ng  
RT: 7.040 min Scan# 842  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

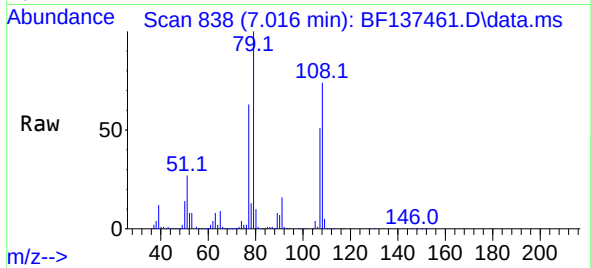
Tgt Ion:146 Resp: 600015  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.0 75.0  
111 43.8 36.8 55.2





#15  
Benzyl Alcohol  
Concen: 47.344 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

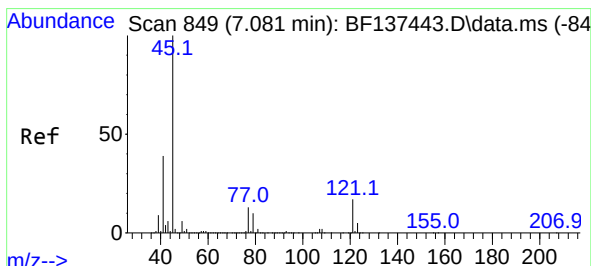
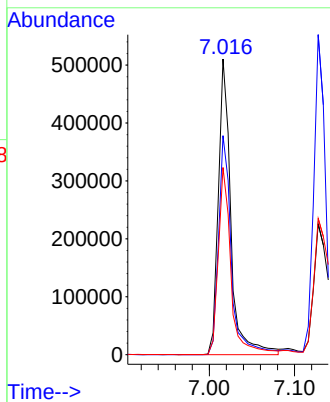
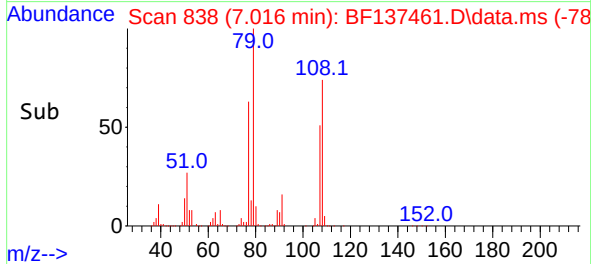
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



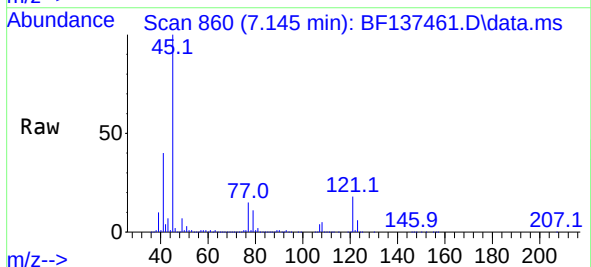
Tgt Ion: 79 Resp: 522650  
Ion Ratio Lower Upper  
79 100  
108 74.1 59.5 89.3  
77 63.3 50.0 75.0

Manual Integrations  
APPROVED

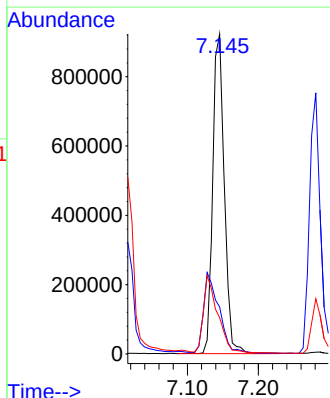
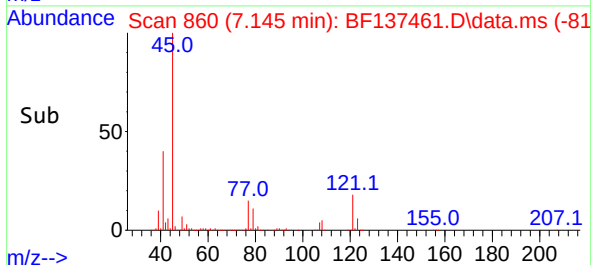
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

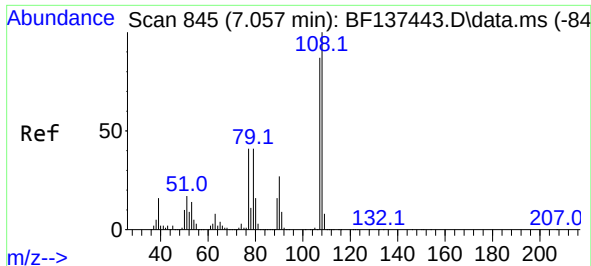


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.287 ng  
RT: 7.145 min Scan# 860  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion: 45 Resp: 1040660  
Ion Ratio Lower Upper  
45 100  
77 14.7 0.0 33.4  
79 11.3 0.0 30.9





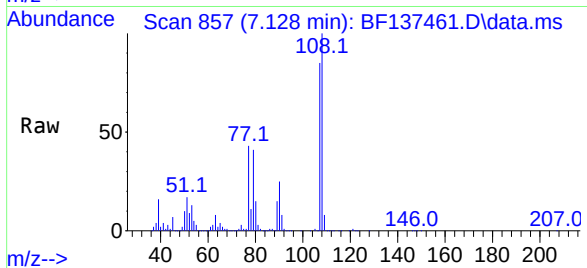
#17  
2-Methylphenol  
Concen: 39.190 ng  
RT: 7.128 min Scan# 817  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

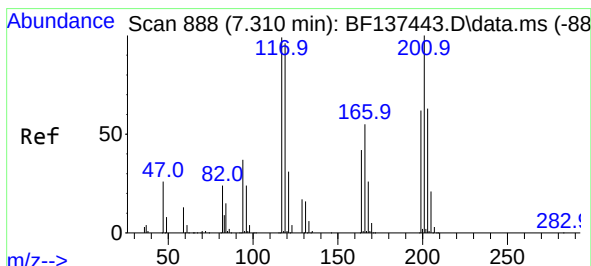
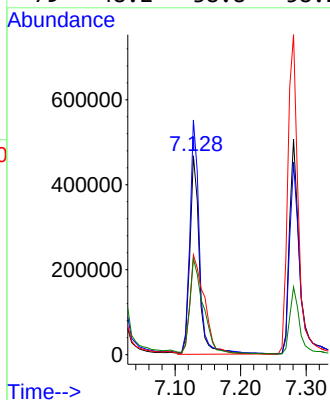
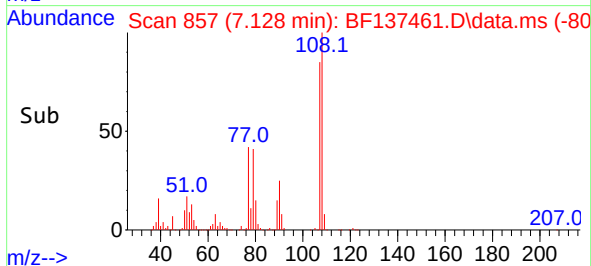


Tgt Ion:107 Resp: 47514  
Ion Ratio Lower Upper  
107 100  
108 118.0 92.2 138.4  
77 50.2 38.6 57.8  
79 48.2 38.8 58.2

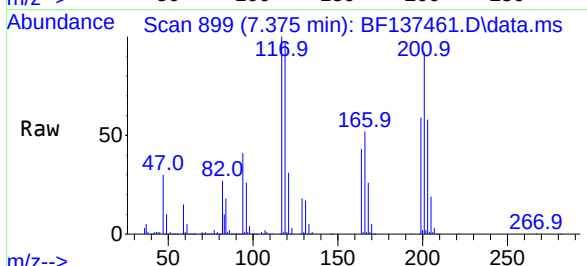
Manual Integrations

APPROVED

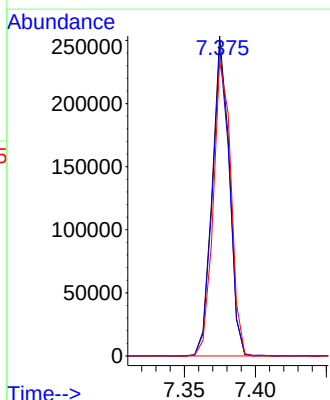
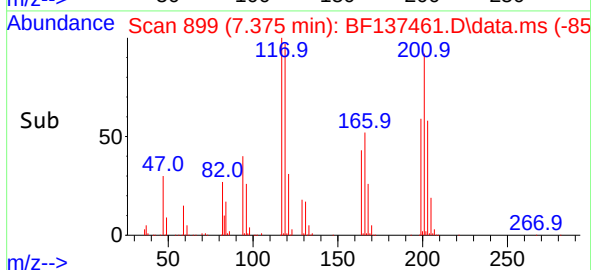
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

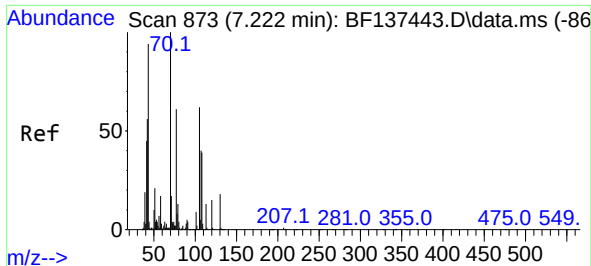


#18  
Hexachloroethane  
Concen: 45.273 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:117 Resp: 211175  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.5 116.3  
201 92.1 80.6 121.0





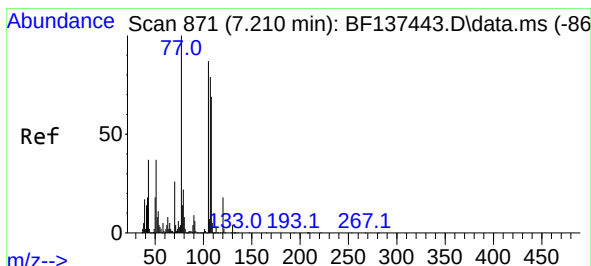
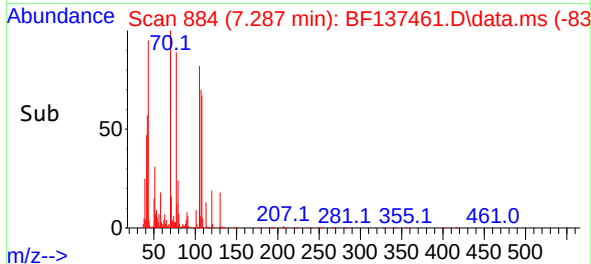
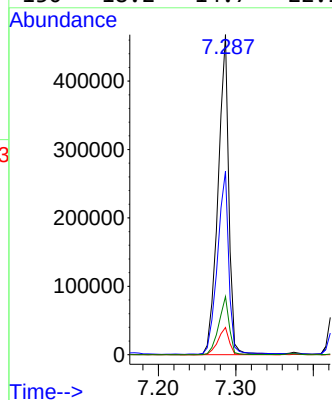
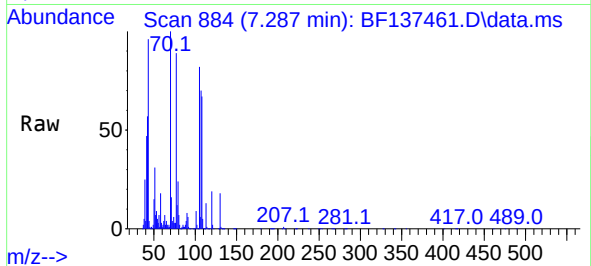
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.296 ng  
RT: 7.287 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion: 70 Resp: 45219  
Ion Ratio Lower Upper  
70 100  
42 57.3 45.2 67.8  
101 8.5 7.3 10.9  
130 18.2 14.7 22.1

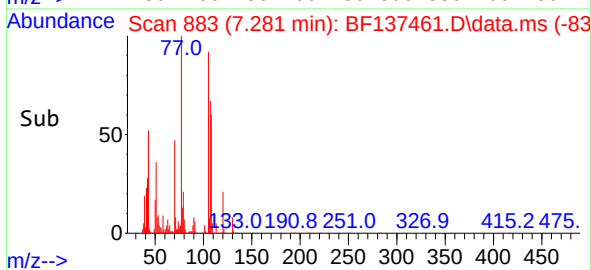
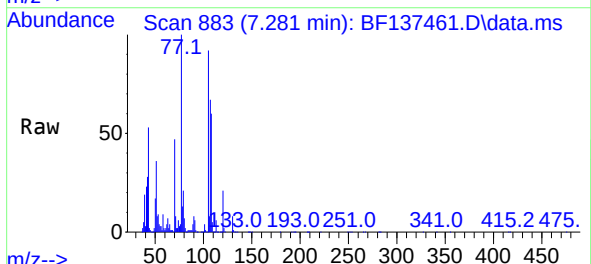
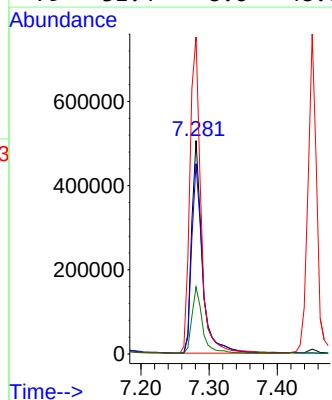
Manual Integrations  
APPROVED

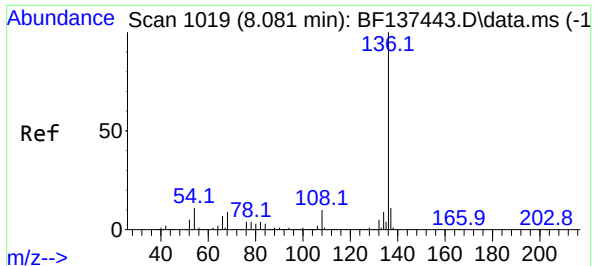
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#20  
3+4-Methylphenols  
Concen: 39.395 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion:107 Resp: 547037  
Ion Ratio Lower Upper  
107 100  
108 89.2 67.6 107.6  
77 148.5 107.1 147.1#  
79 31.4 8.6 48.6





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

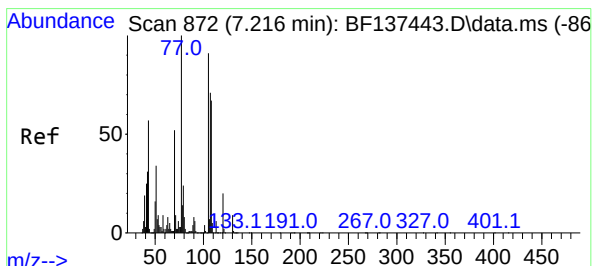
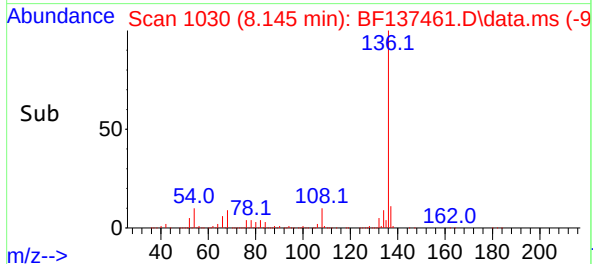
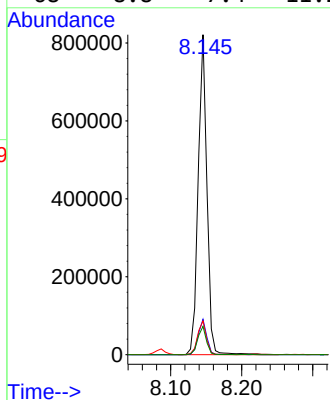
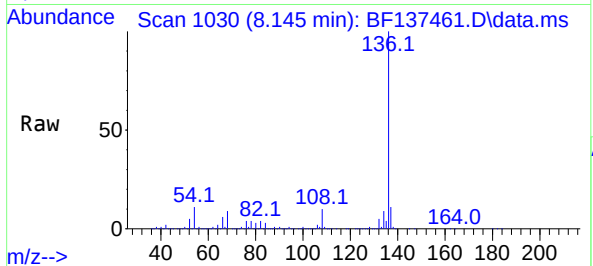
WC-1MS

Tgt Ion:136 Resp: 704204  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.1 13.7  
54 10.5 8.5 12.7  
68 8.8 7.4 11.2

Manual Integrations

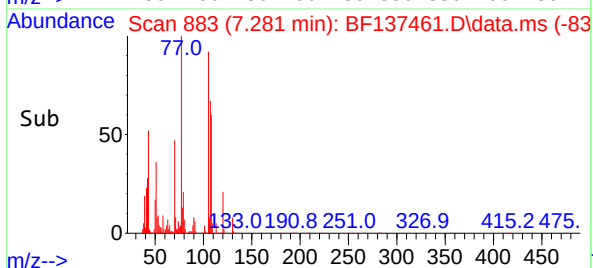
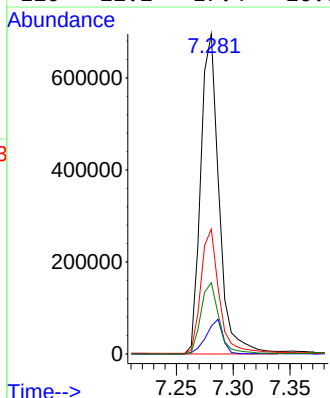
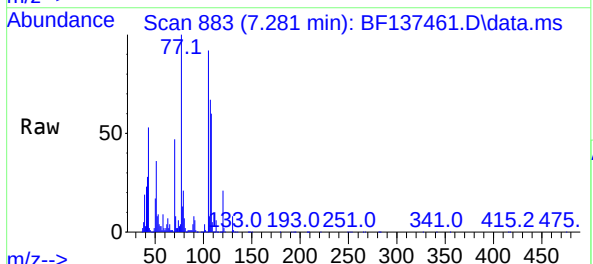
APPROVED

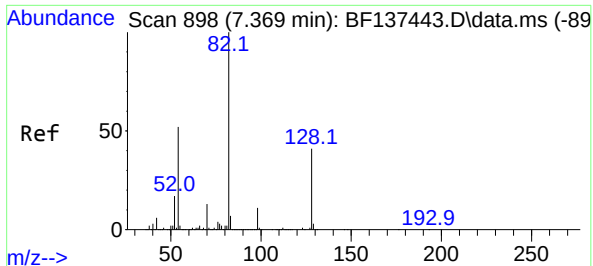
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#22  
Acetophenone  
Concen: 45.818 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion:105 Resp: 780667  
Ion Ratio Lower Upper  
105 100  
71 8.7 7.7 11.5  
51 39.0 30.4 45.6  
120 22.2 17.4 26.0





#23  
Nitrobenzene-d5  
Concen: 85.713 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

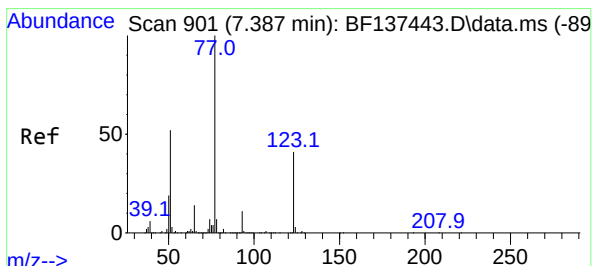
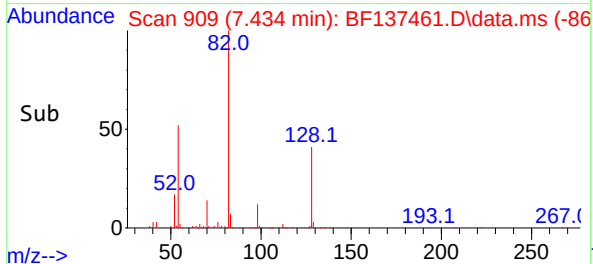
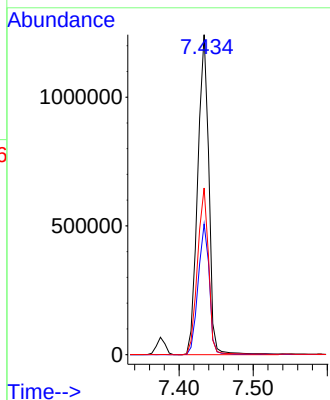
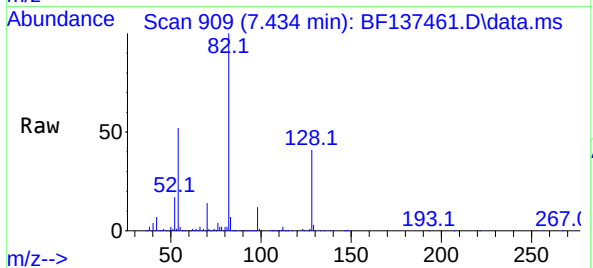
WC-1MS

Tgt Ion: 82 Resp: 1299058  
Ion Ratio Lower Upper  
82 100  
128 40.8 32.5 48.7  
54 52.1 41.5 62.3

Manual Integrations

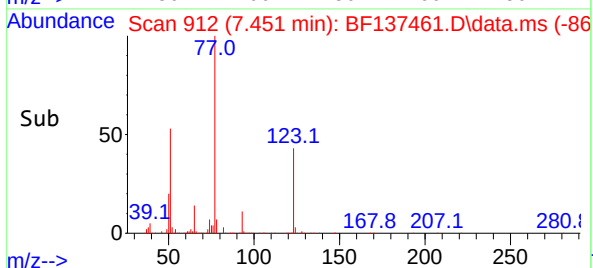
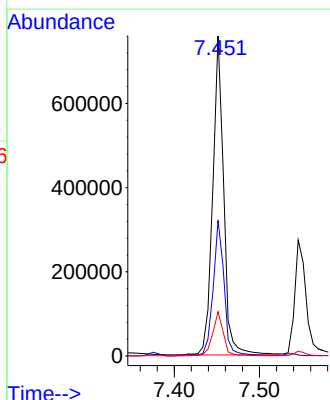
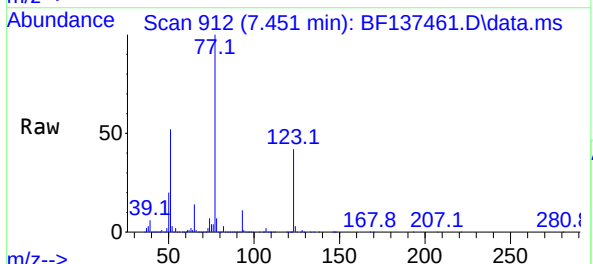
APPROVED

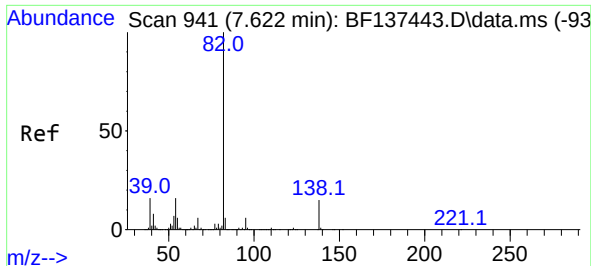
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#24  
Nitrobenzene  
Concen: 44.619 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion: 77 Resp: 679324  
Ion Ratio Lower Upper  
77 100  
123 42.4 33.0 49.6  
65 13.8 10.9 16.3





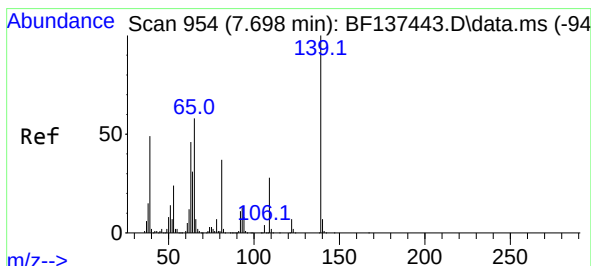
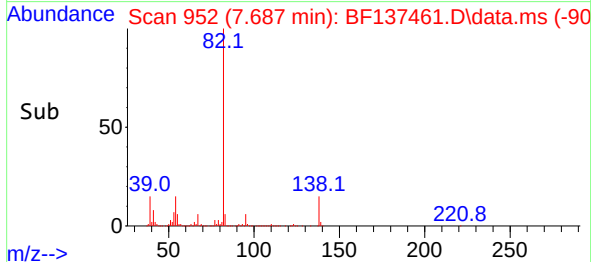
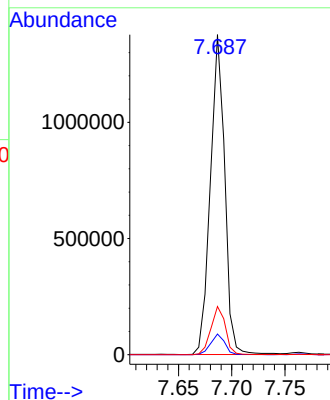
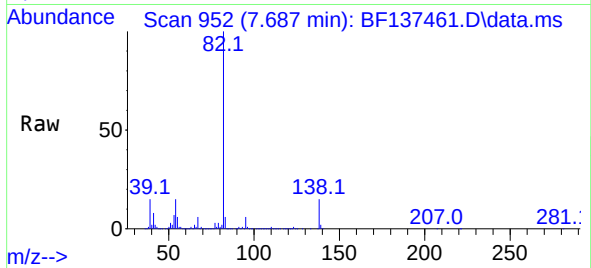
#25  
Isophorone  
Concen: 44.994 ng  
RT: 7.687 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion: 82 Resp: 129553  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.1 7.7  
138 15.1 11.8 17.8

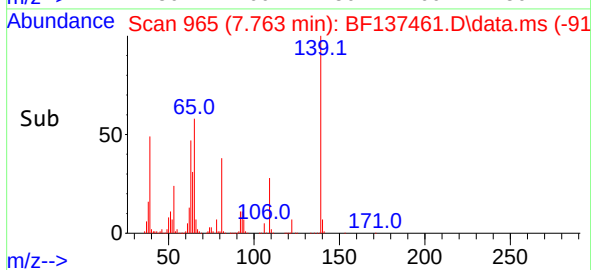
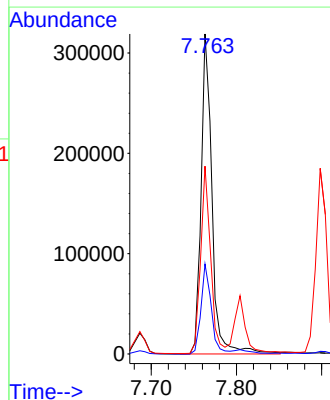
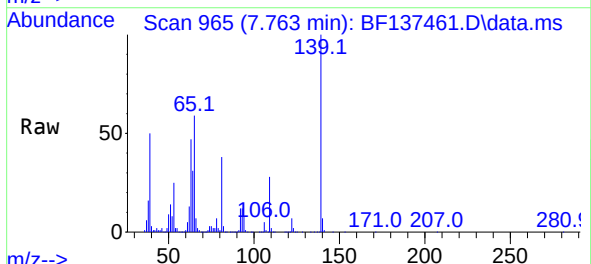
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

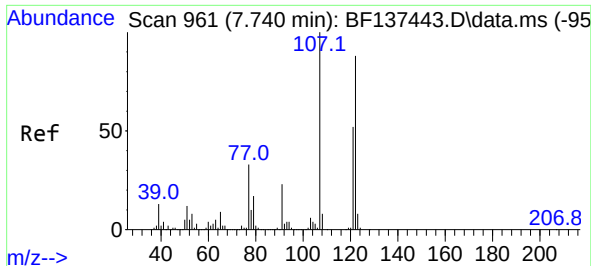


#26  
2-Nitrophenol  
Concen: 47.062 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion:139 Resp: 284464  
Ion Ratio Lower Upper  
139 100  
109 28.1 22.2 33.4  
65 58.7 46.2 69.2

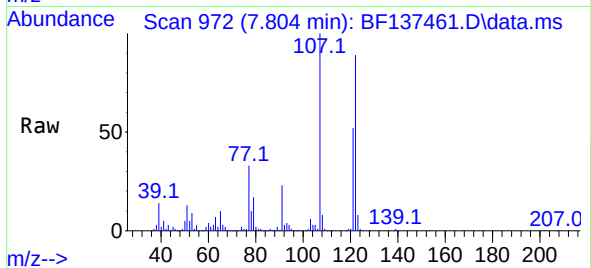






#27  
2,4-Dimethylphenol  
Concen: 38.566 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

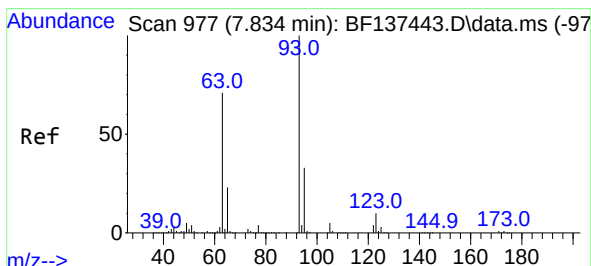
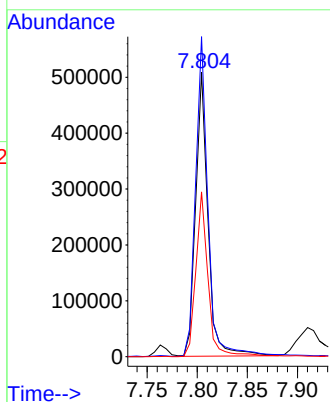
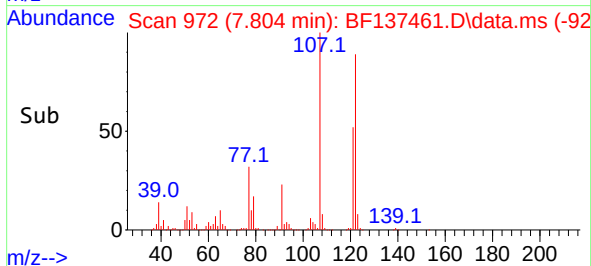
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



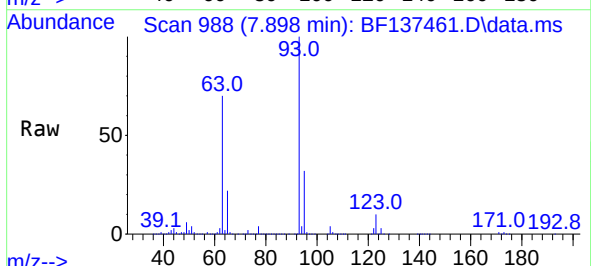
Tgt Ion:122 Resp: 43557  
Ion Ratio Lower Upper  
122 100  
107 112.6 90.9 136.3  
121 58.0 47.0 70.6

Manual Integrations  
APPROVED

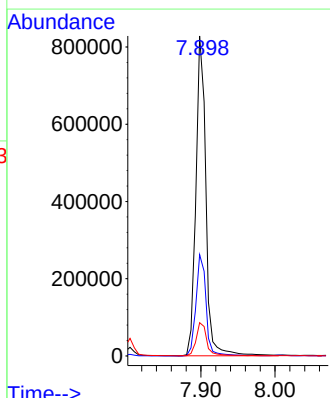
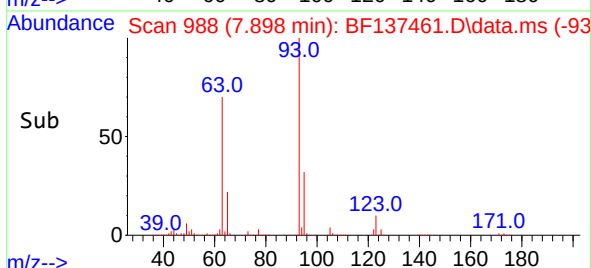
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

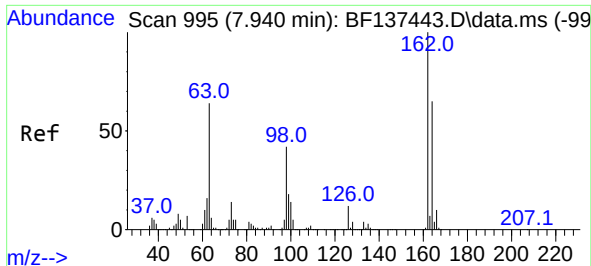


#28  
bis(2-Chloroethoxy)methane  
Concen: 45.820 ng  
RT: 7.898 min Scan# 988  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion: 93 Resp: 774082  
Ion Ratio Lower Upper  
93 100  
95 31.7 26.5 39.7  
123 10.4 8.0 12.0





#29  
2,4-Dichlorophenol  
Concen: 45.835 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

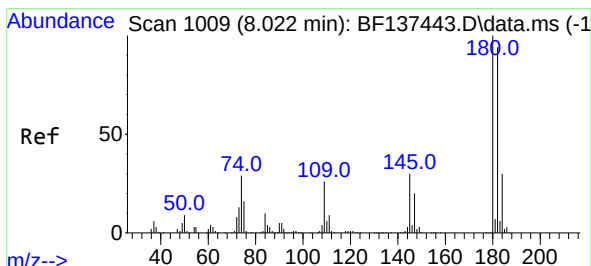
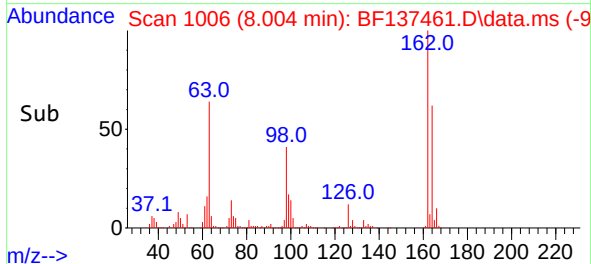
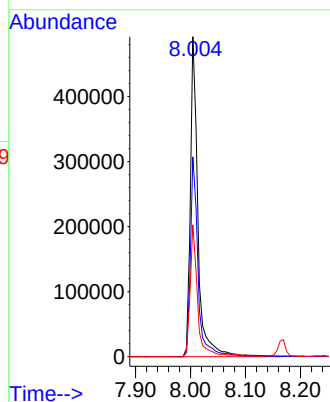
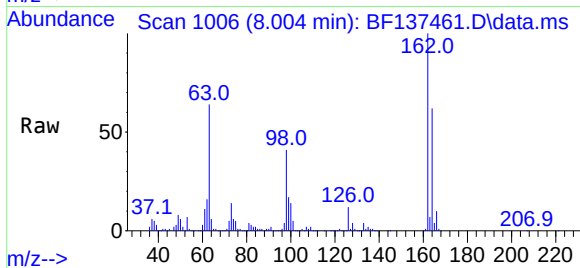
WC-1MS

Tgt Ion:162 Resp: 47511  
Ion Ratio Lower Upper  
162 100  
164 62.5 44.7 84.7  
98 41.2 22.0 62.0

Manual Integrations

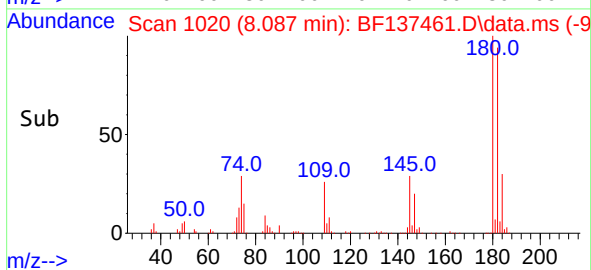
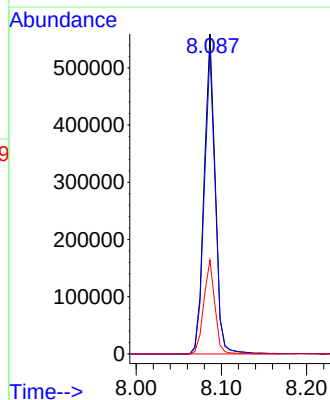
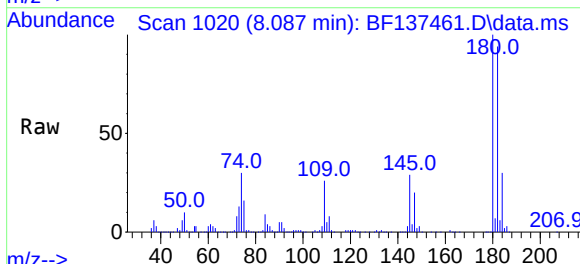
APPROVED

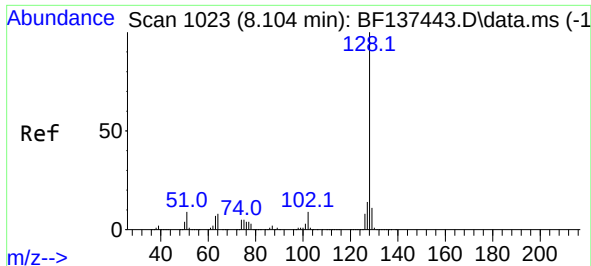
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 46.461 ng  
RT: 8.087 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

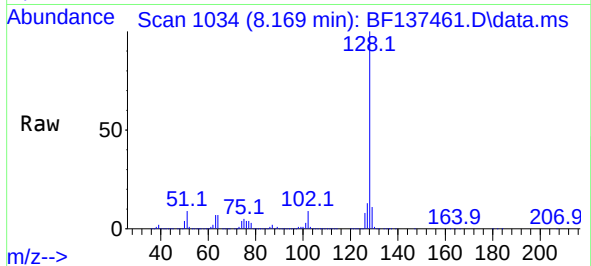
Tgt Ion:180 Resp: 506811  
Ion Ratio Lower Upper  
180 100  
182 94.4 75.0 112.6  
145 29.4 23.7 35.5





#31  
Naphthalene  
Concen: 43.849 ng  
RT: 8.169 min Scan# 1023  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

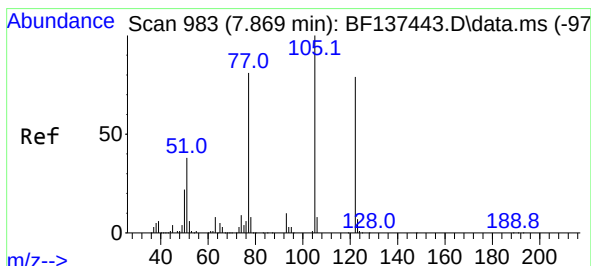
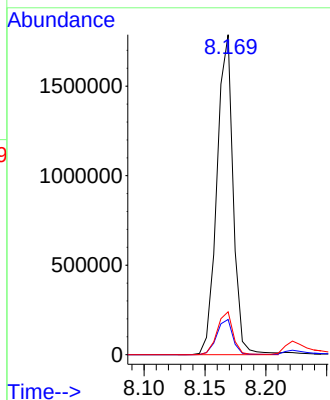
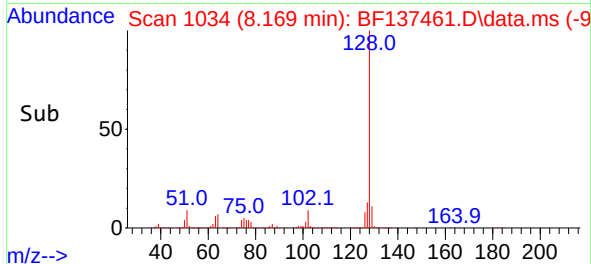
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



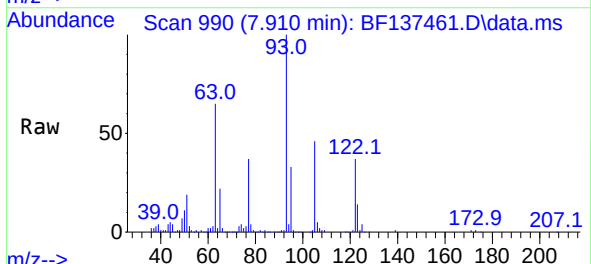
Tgt Ion:128 Resp: 1656768  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.2 13.8  
127 13.4 10.8 16.2

Manual Integrations  
APPROVED

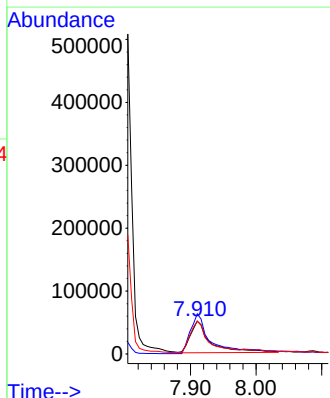
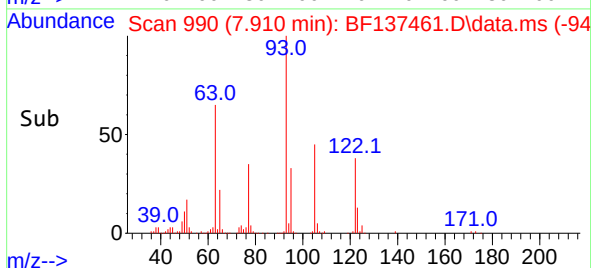
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

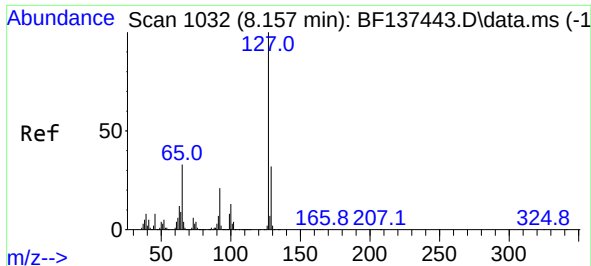


#32  
Benzoic acid  
Concen: 20.492 ng  
RT: 7.910 min Scan# 990  
Delta R.T. -0.035 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:122 Resp: 106261  
Ion Ratio Lower Upper  
122 100  
105 122.5 102.4 142.4  
77 99.9 81.1 121.1





#33

4-Chloroaniline

Concen: 9.035 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF137461.D

Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:127 Resp: 13386

Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

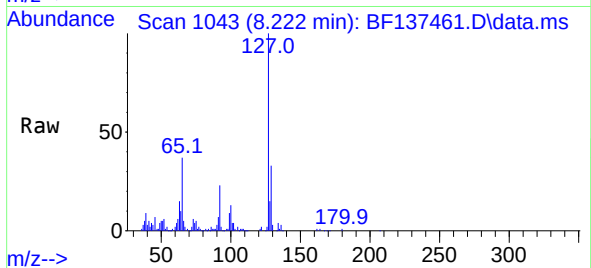
65 36.8 26.8 40.2

92 22.7 17.0 25.6

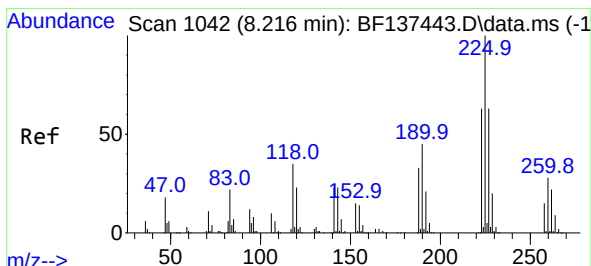
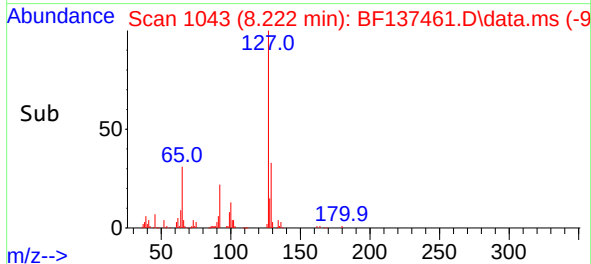
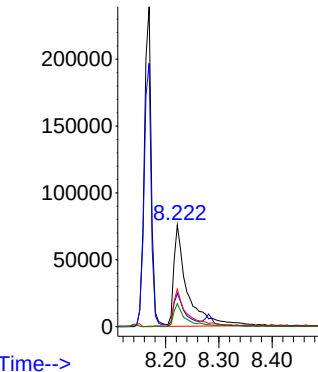
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



Abundance



#34

Hexachlorobutadiene

Concen: 46.199 ng

RT: 8.281 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BF137461.D

Acq: 01 Mar 2024 16:15

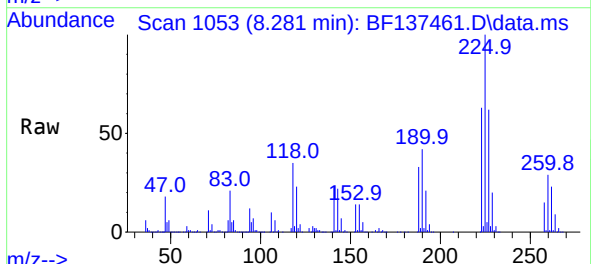
Tgt Ion:225 Resp: 297522

Ion Ratio Lower Upper

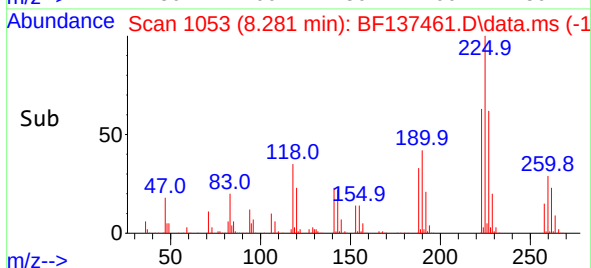
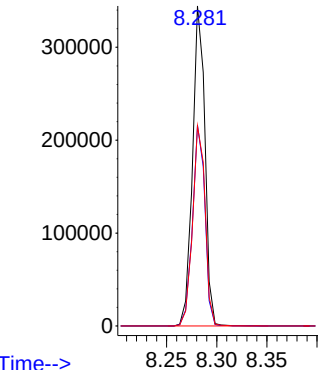
225 100

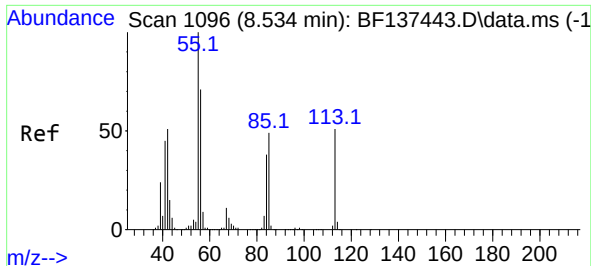
223 62.7 50.7 76.1

227 62.5 50.6 75.8



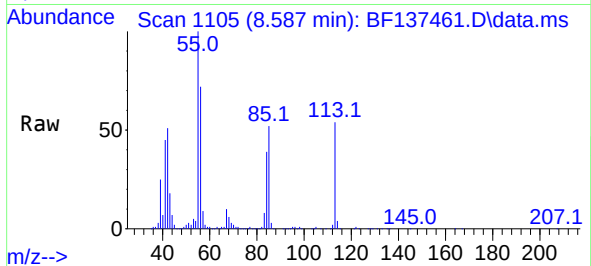
Abundance





#35  
Caprolactam  
Concen: 38.083 ng m  
RT: 8.587 min Scan# 1105  
Delta R.T. -0.023 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

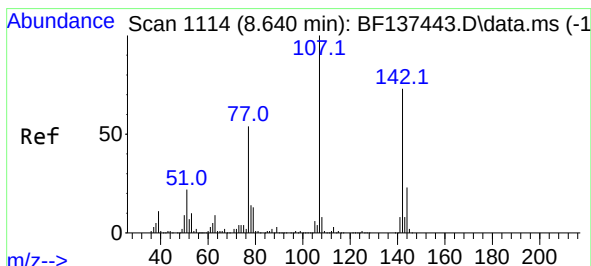
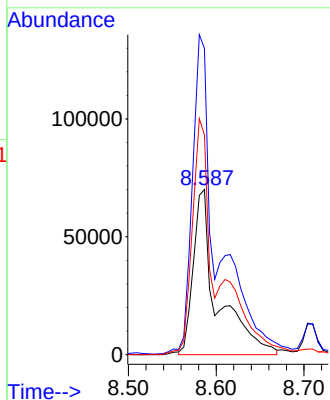
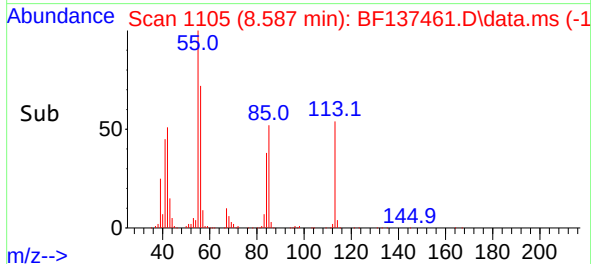
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion:113 Resp: 13385  
Ion Ratio Lower Upper  
113 100  
55 185.4 176.7 216.7  
56 133.1 120.6 160.6

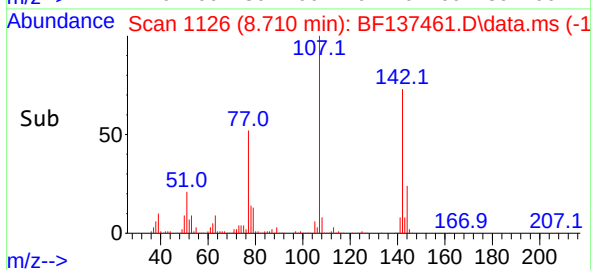
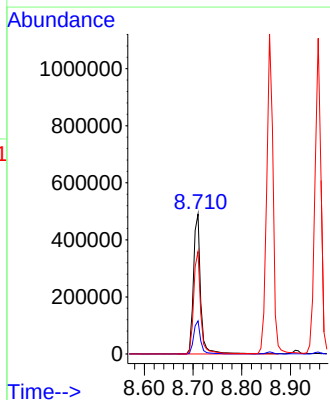
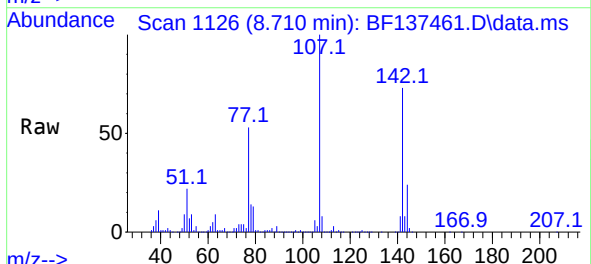
Manual Integrations  
APPROVED

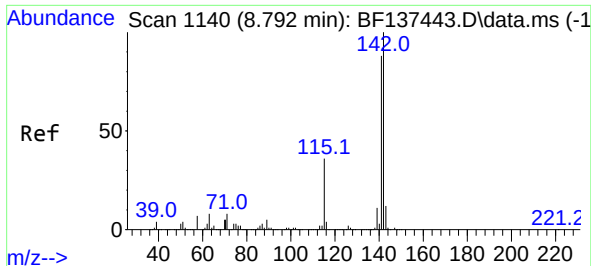
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#36  
4-Chloro-3-methylphenol  
Concen: 43.286 ng  
RT: 8.710 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

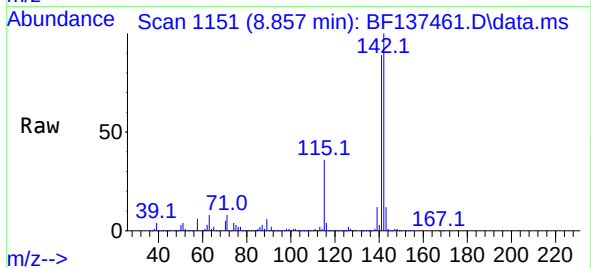
Tgt Ion:107 Resp: 501534  
Ion Ratio Lower Upper  
107 100  
144 23.6 18.7 28.1  
142 73.2 58.2 87.2





#37  
2-Methylnaphthalene  
Concen: 41.867 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

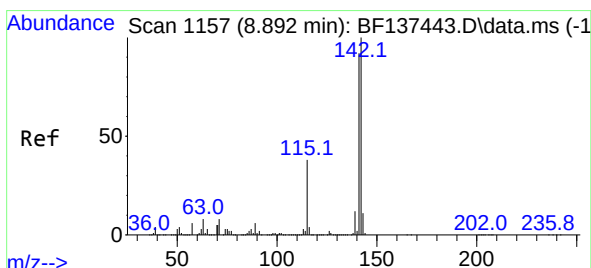
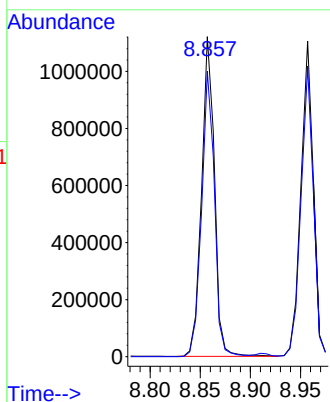
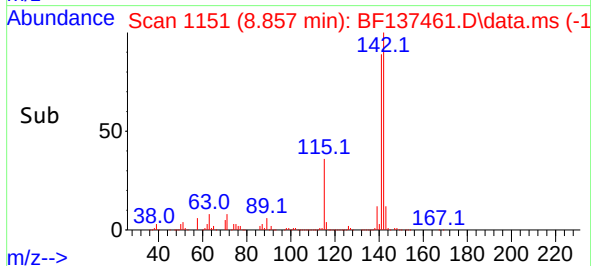
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion:142 Resp: 1008434  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.4 105.6

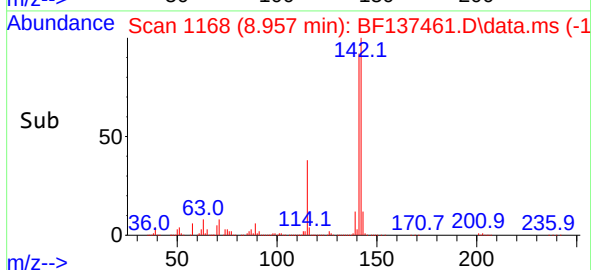
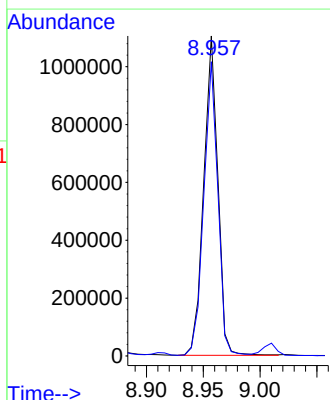
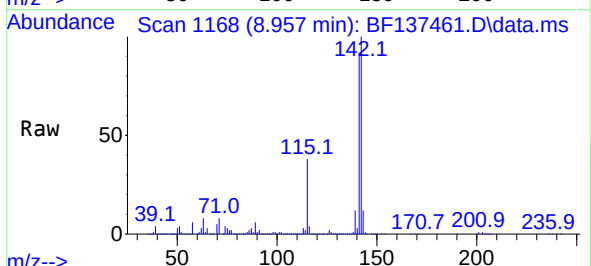
Manual Integrations  
APPROVED

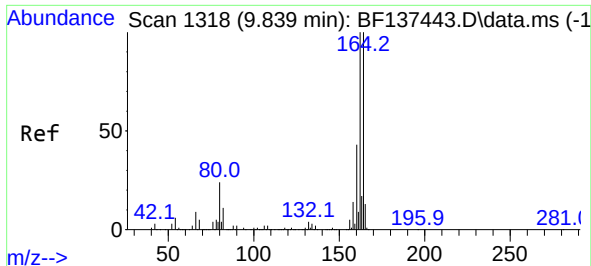
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#38  
1-Methylnaphthalene  
Concen: 42.005 ng  
RT: 8.957 min Scan# 1168  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

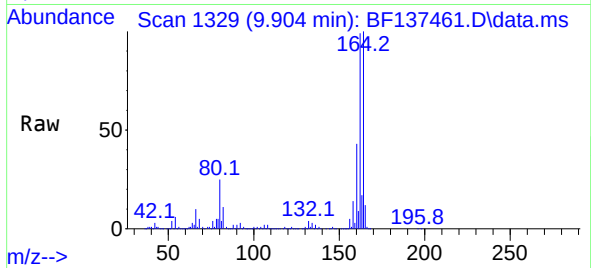
Tgt Ion:142 Resp: 952802  
Ion Ratio Lower Upper  
142 100  
141 92.0 73.4 110.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1179  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

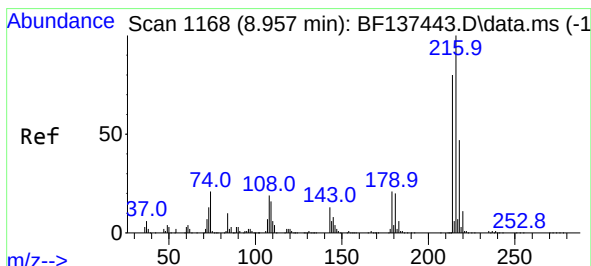
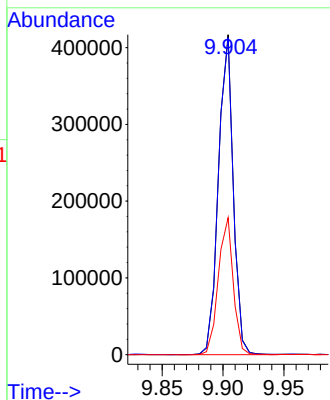
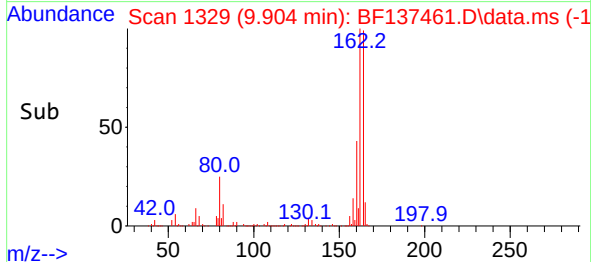
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



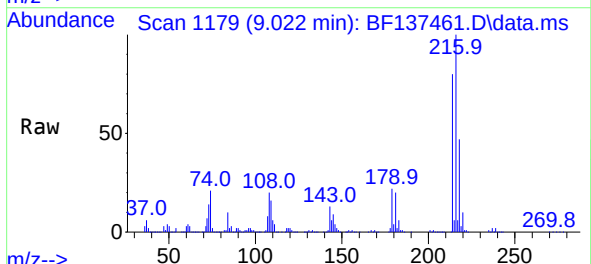
Tgt Ion:164 Resp: 352977  
Ion Ratio Lower Upper  
164 100  
162 99.1 79.8 119.8  
160 42.8 34.4 51.6

Manual Integrations  
APPROVED

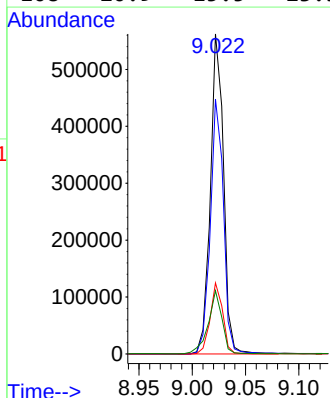
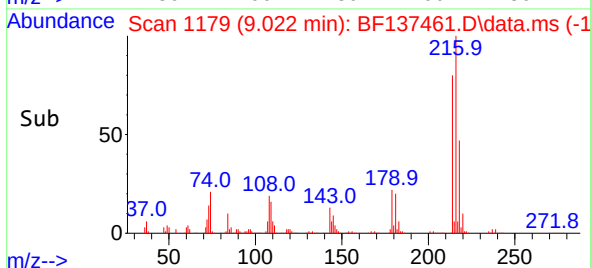
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

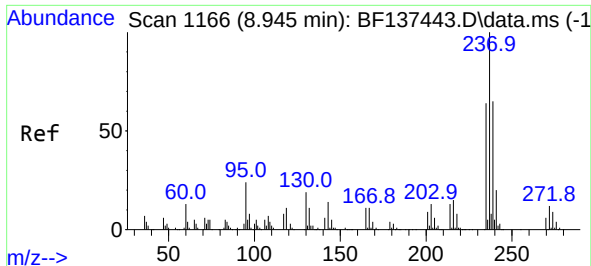


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.045 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:216 Resp: 483300  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.5 95.3  
179 21.5 16.6 25.0  
108 20.9 15.5 23.3





#41  
Hexachlorocyclopentadiene  
Concen: 72.202 ng  
RT: 9.010 min Scan# 1166  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

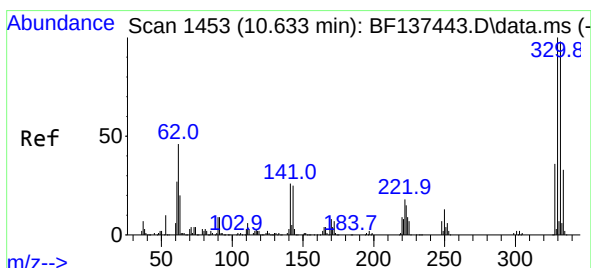
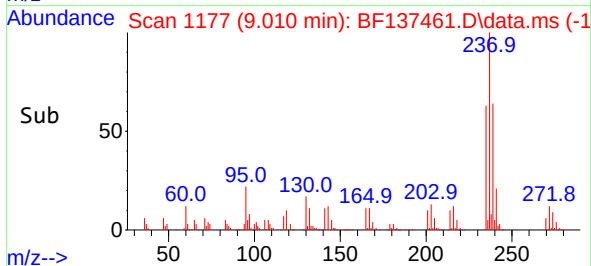
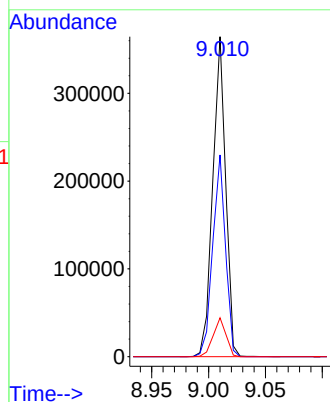
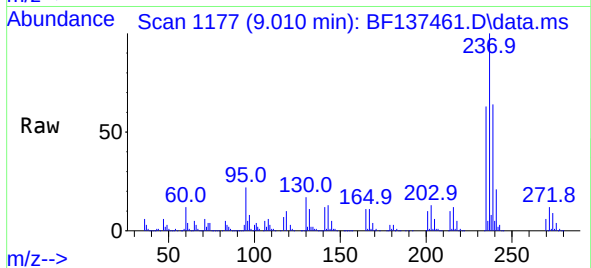
WC-1MS

Tgt Ion:237 Resp: 286750  
Ion Ratio Lower Upper  
237 100  
235 63.0 43.6 83.6  
272 12.1 0.0 31.9

Manual Integrations

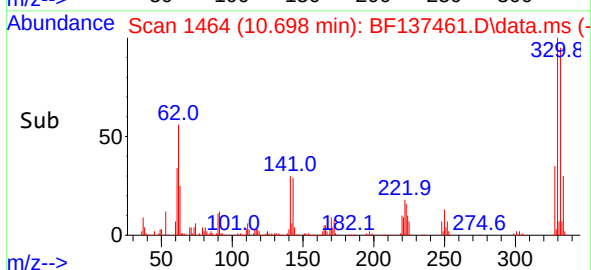
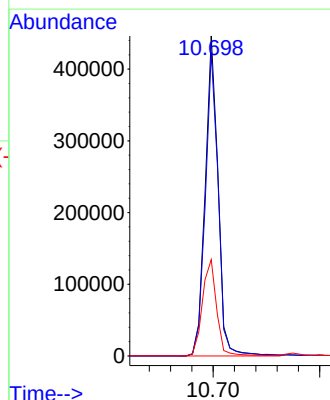
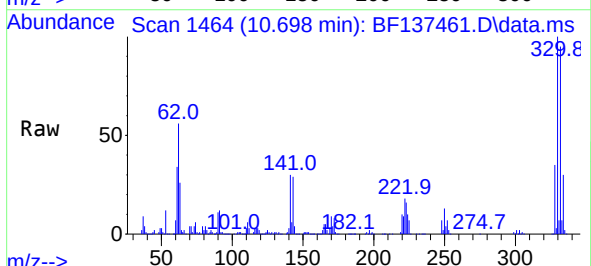
APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

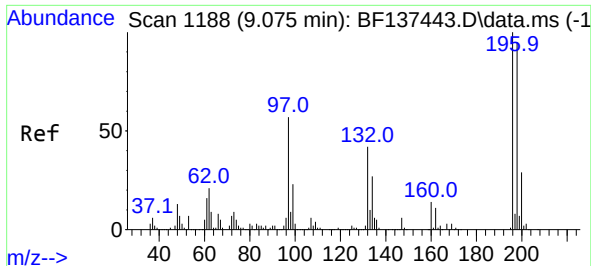


#42  
2,4,6-Tribromophenol  
Concen: 121.493 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion:330 Resp: 376597  
Ion Ratio Lower Upper  
330 100  
332 95.5 78.0 117.0  
141 33.0 27.3 40.9

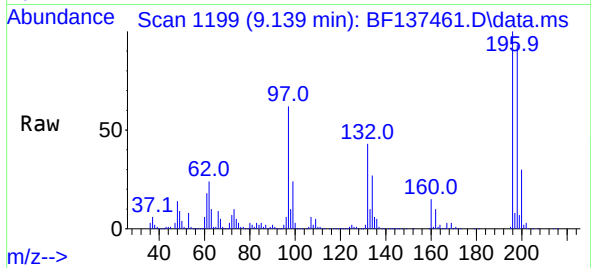






#43  
2,4,6-Trichlorophenol  
Concen: 48.750 ng  
RT: 9.139 min Scan# 1188  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

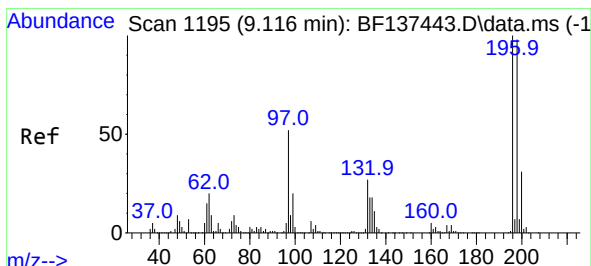
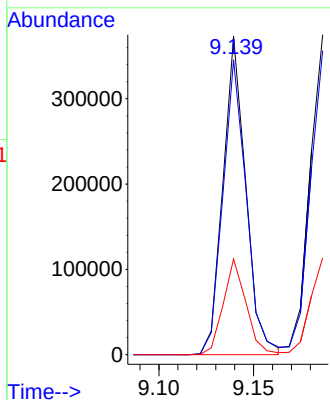
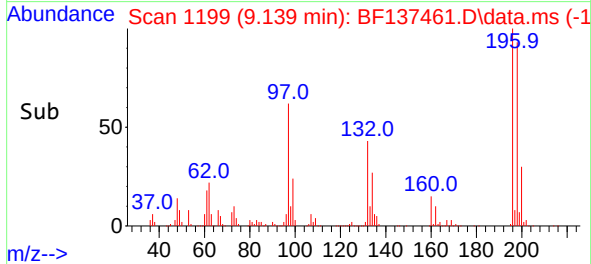
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



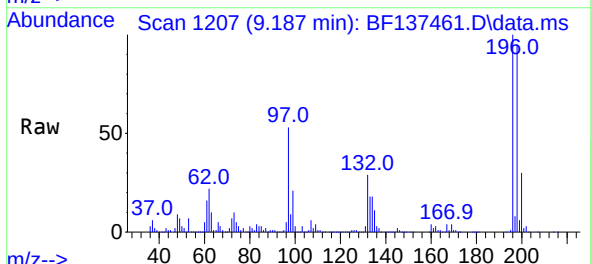
Tgt Ion:196 Resp: 31283  
Ion Ratio Lower Upper  
196 100  
198 92.5 75.8 113.8  
200 30.0 23.5 35.3

Manual Integrations  
APPROVED

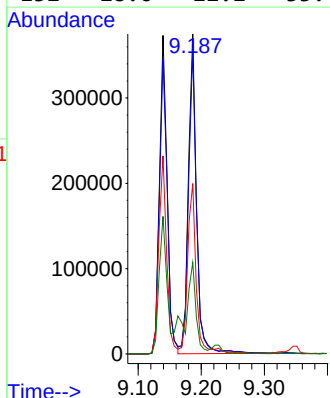
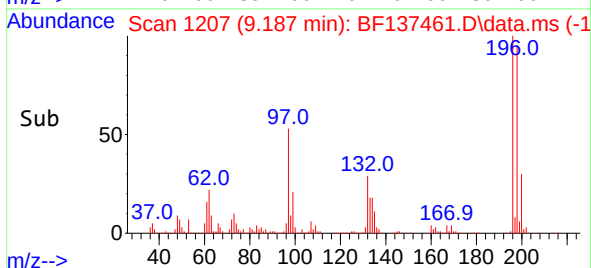
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

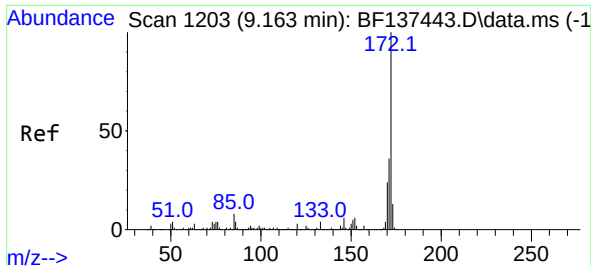


#44  
2,4,5-Trichlorophenol  
Concen: 45.726 ng  
RT: 9.187 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



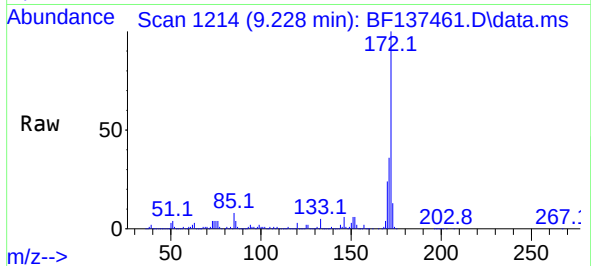
Tgt Ion:196 Resp: 338017  
Ion Ratio Lower Upper  
196 100  
198 95.0 78.6 117.8  
97 53.3 41.8 62.8  
132 28.6 22.2 33.4





#45  
2-Fluorobiphenyl  
Concen: 89.478 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

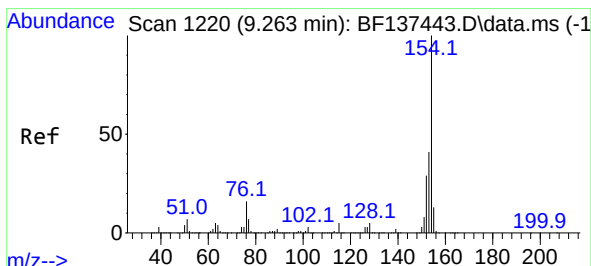
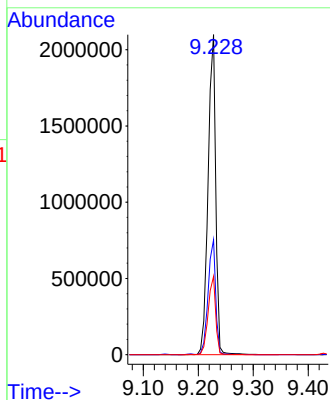
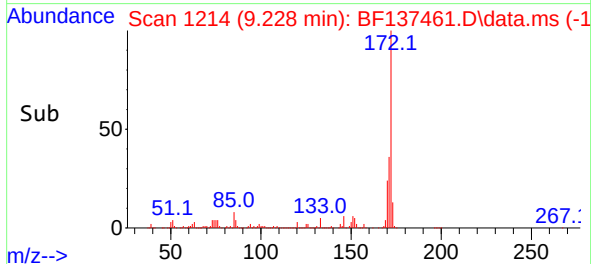
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



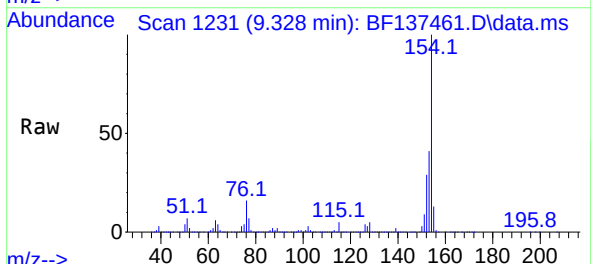
Tgt Ion:172 Resp: 2017668  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 24.4 19.0 28.6

Manual Integrations  
APPROVED

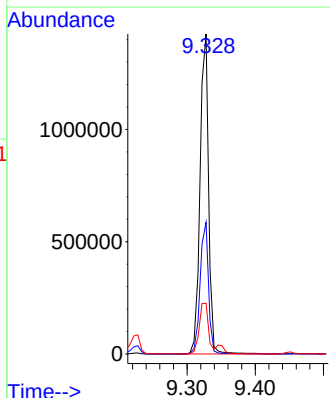
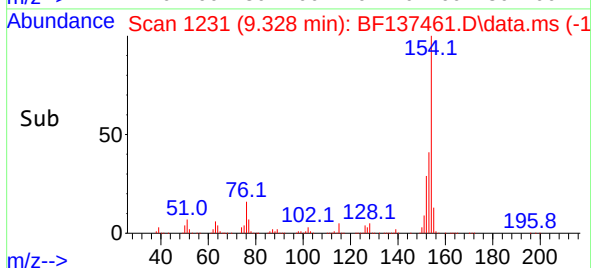
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

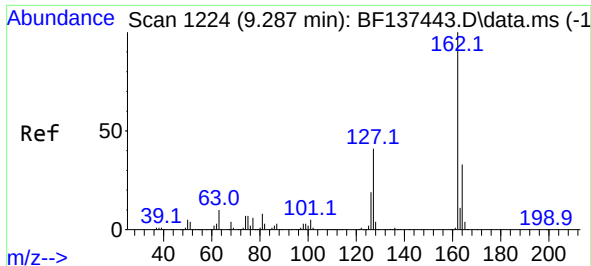


#46  
1,1'-Biphenyl  
Concen: 48.127 ng  
RT: 9.328 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:154 Resp: 1243357  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.0 61.0  
76 15.9 0.0 35.8





#47  
2-Chloronaphthalene  
Concen: 48.999 ng  
RT: 9.351 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

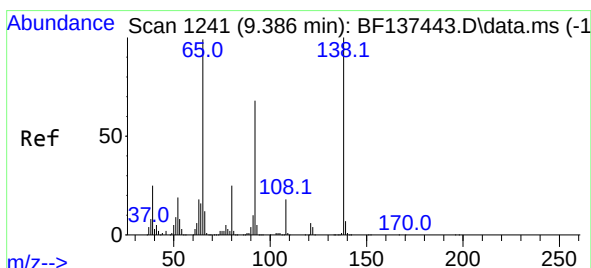
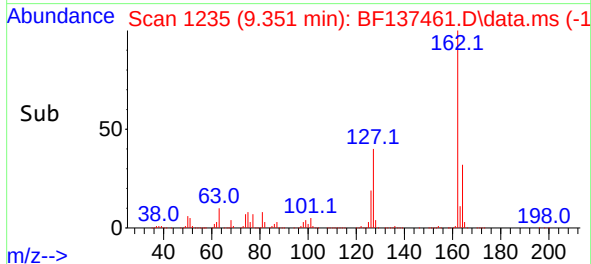
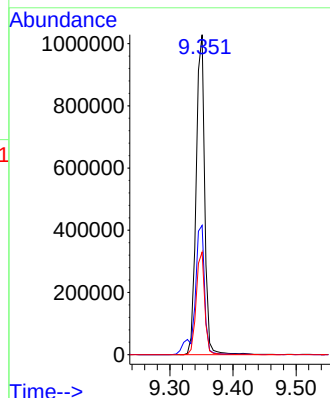
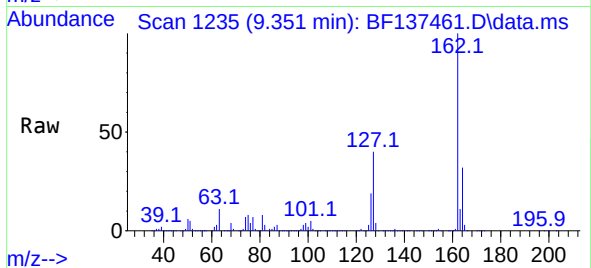
WC-1MS

Tgt Ion:162 Resp: 965139  
Ion Ratio Lower Upper  
162 100  
127 40.4 32.6 49.0  
164 32.1 26.5 39.7

Manual Integrations

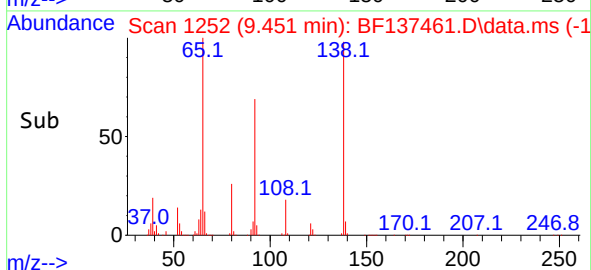
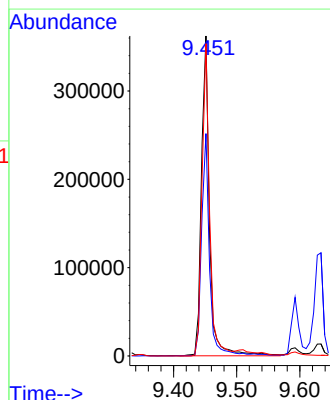
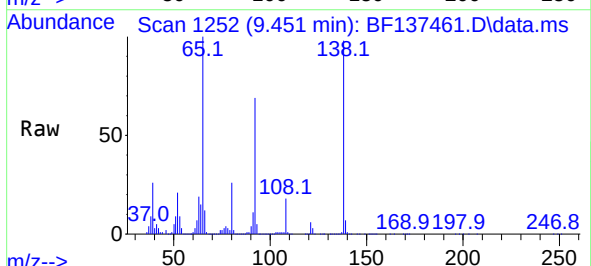
APPROVED

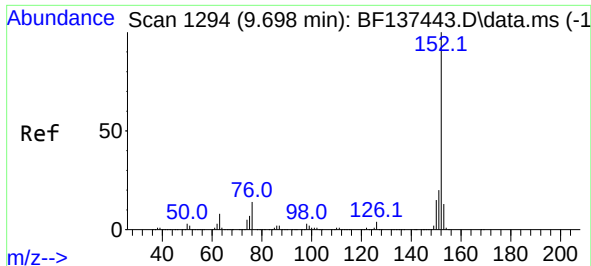
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#48  
2-Nitroaniline  
Concen: 47.876 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion: 65 Resp: 320517  
Ion Ratio Lower Upper  
65 100  
92 69.5 55.4 83.2  
138 97.6 81.0 121.6





#49

Acenaphthylene

Concen: 48.396 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137461.D

Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tgt Ion:152 Resp: 152553

Ion Ratio Lower Upper

152 100

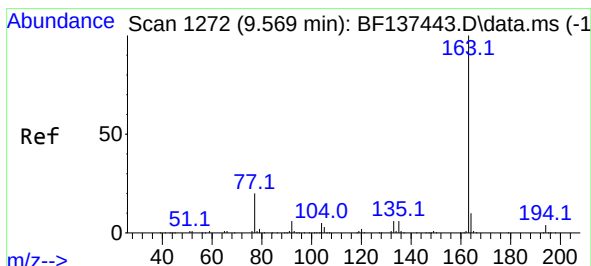
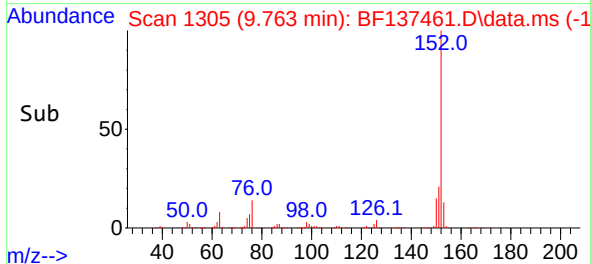
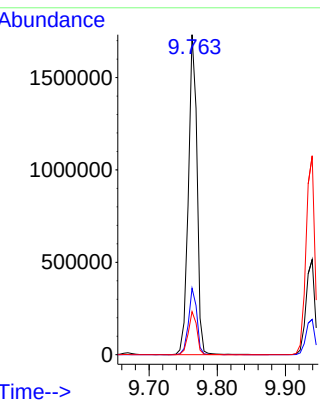
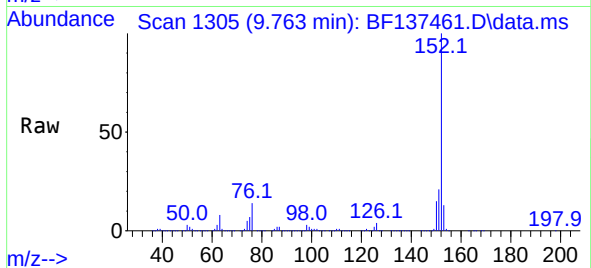
151 20.7 16.2 24.4

153 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#50

Dimethylphthalate

Concen: 47.735 ng

RT: 9.634 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF137461.D

Acq: 01 Mar 2024 16:15

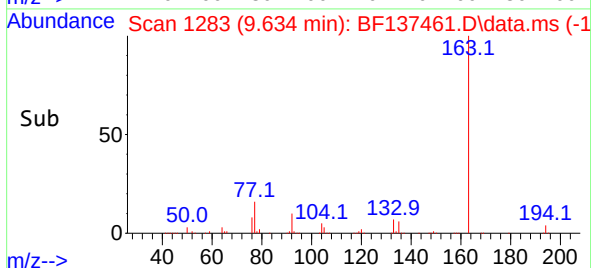
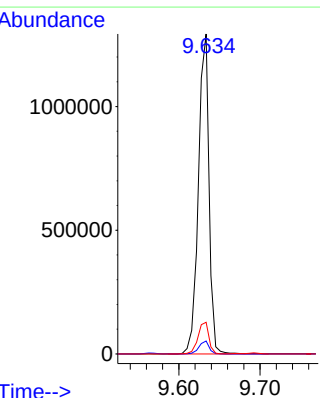
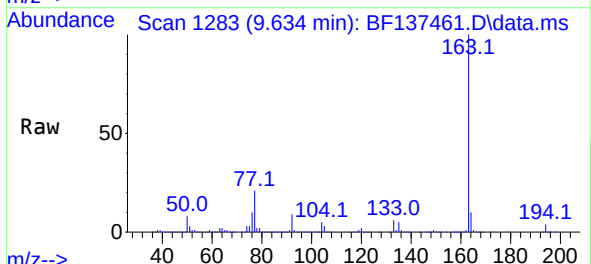
Tgt Ion:163 Resp: 1172911

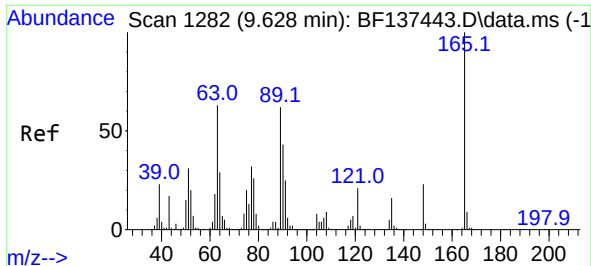
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

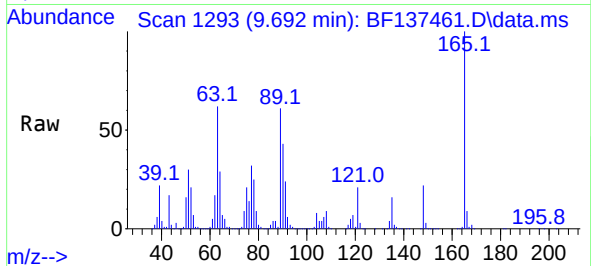
164 9.9 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 47.446 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

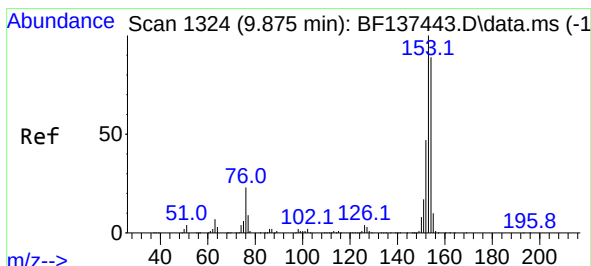
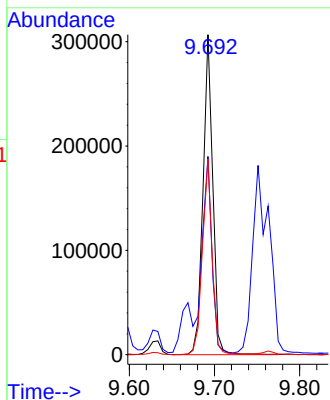
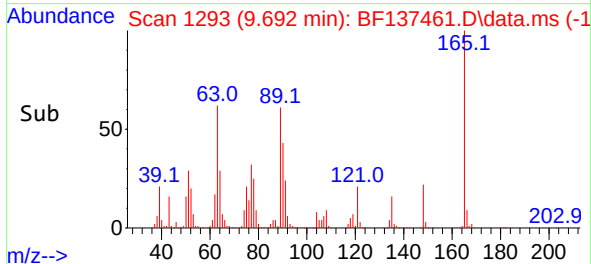
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



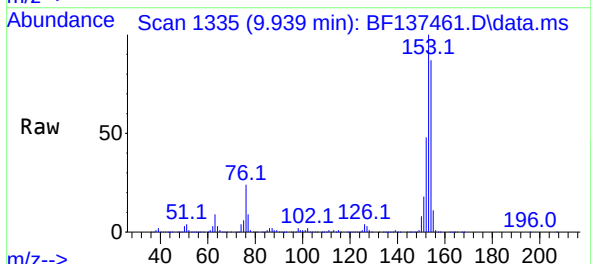
Tgt Ion:165 Resp: 243839  
Ion Ratio Lower Upper  
165 100  
63 62.0 50.7 76.1  
89 61.2 50.0 75.0

Manual Integrations  
APPROVED

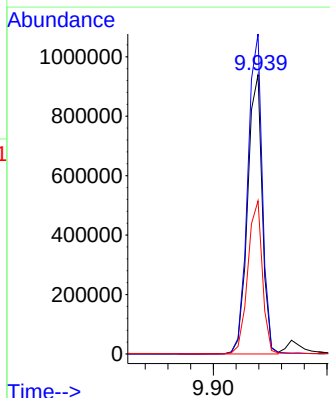
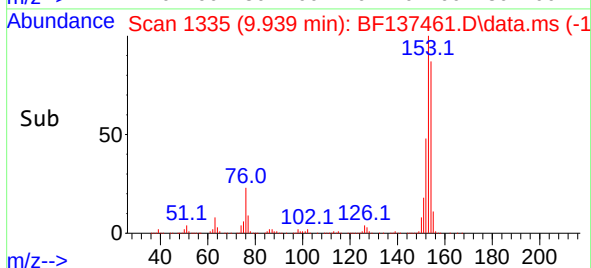
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

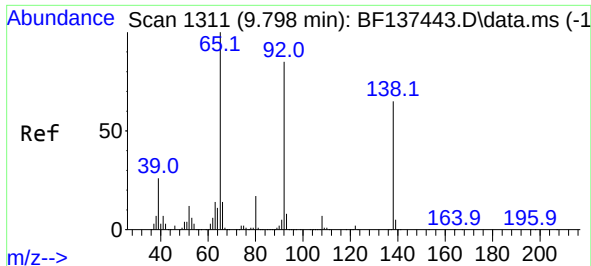


#52  
Acenaphthene  
Concen: 44.937 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:154 Resp: 845663  
Ion Ratio Lower Upper  
154 100  
153 114.6 90.3 135.5  
152 54.8 42.7 64.1





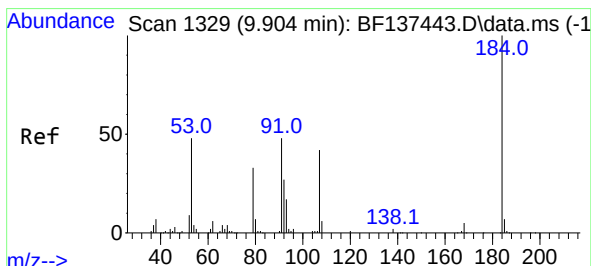
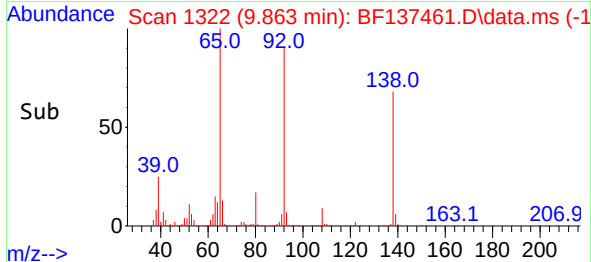
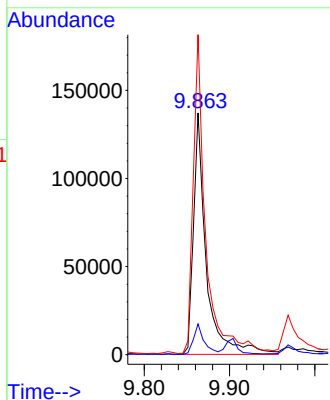
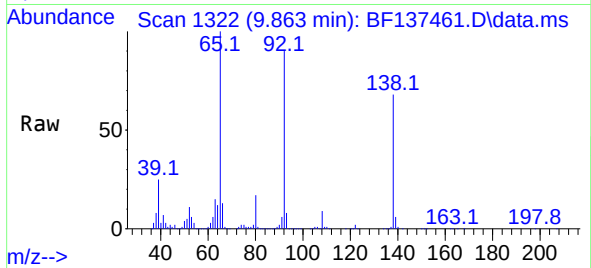
#53  
3-Nitroaniline  
Concen: 26.282 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:138 Resp: 14287  
Ion Ratio Lower Upper  
138 100  
108 12.7 9.1 13.7  
92 132.4 104.6 157.0

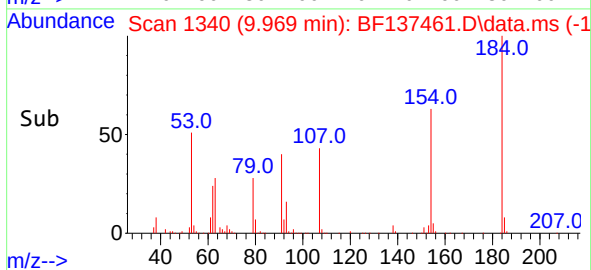
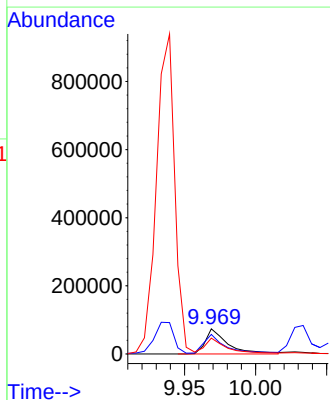
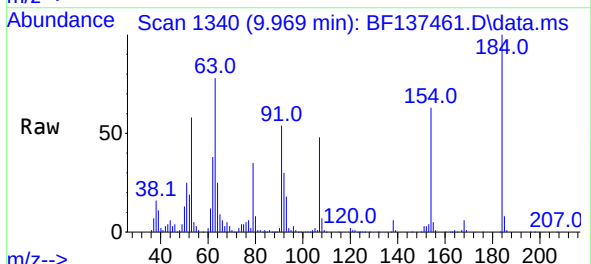
Manual Integrations  
APPROVED

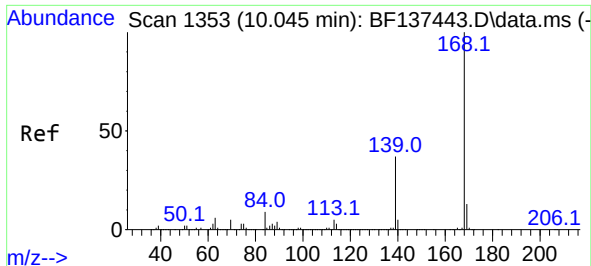
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#54  
2,4-Dinitrophenol  
Concen: 37.015 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

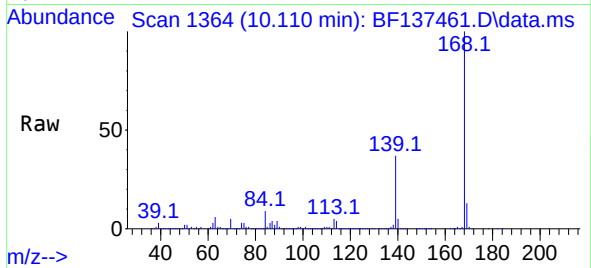
Tgt Ion:184 Resp: 80437  
Ion Ratio Lower Upper  
184 100  
63 77.5 53.3 79.9  
154 62.9 47.4 71.0





#55  
Dibenzenofuran  
Concen: 45.634 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

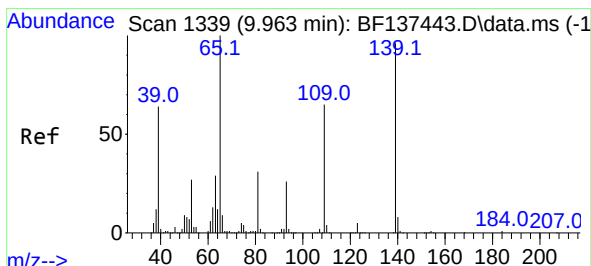
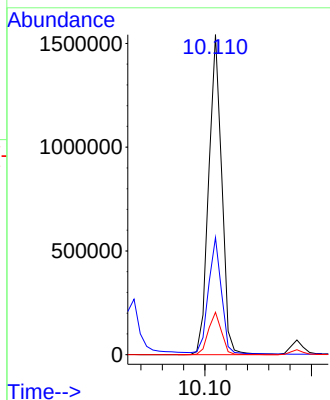
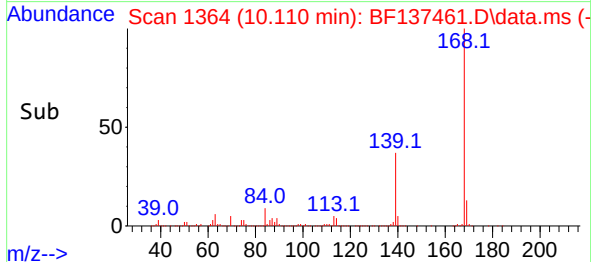
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



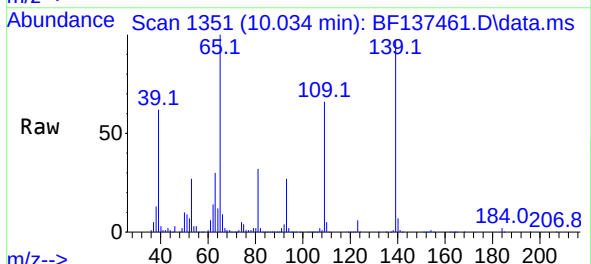
Tgt Ion:168 Resp: 1307980  
Ion Ratio Lower Upper  
168 100  
139 36.6 29.8 44.6  
169 13.3 10.8 16.2

Manual Integrations  
APPROVED

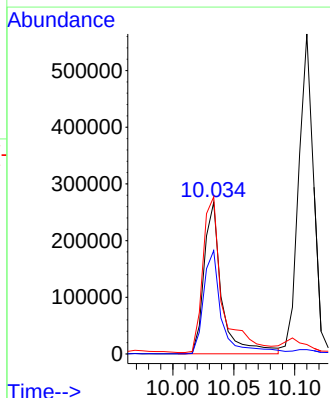
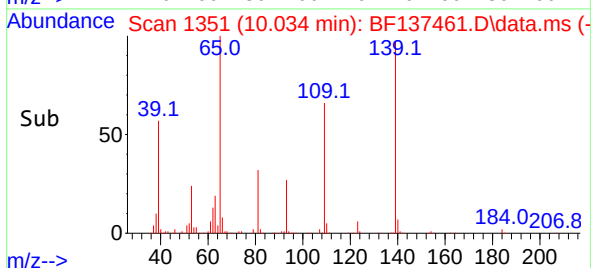
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

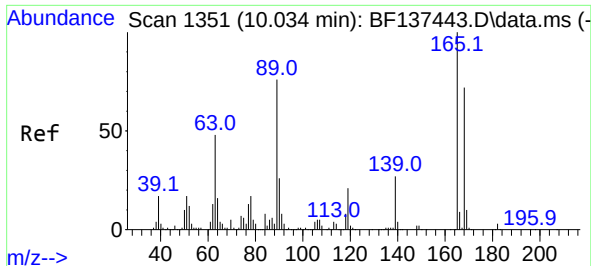


#56  
4-Nitrophenol  
Concen: 70.553 ng  
RT: 10.034 min Scan# 1351  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:139 Resp: 270674  
Ion Ratio Lower Upper  
139 100  
109 68.2 47.1 87.1  
65 103.6 85.1 125.1





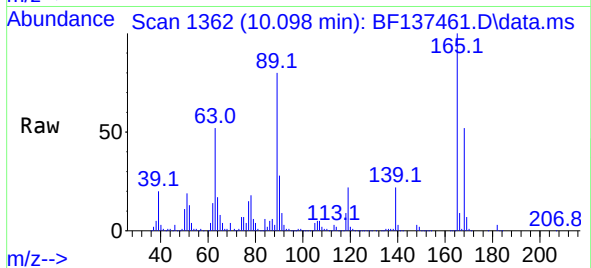
#57  
2,4-Dinitrotoluene  
Concen: 46.118 ng  
RT: 10.098 min Scan# 1423  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

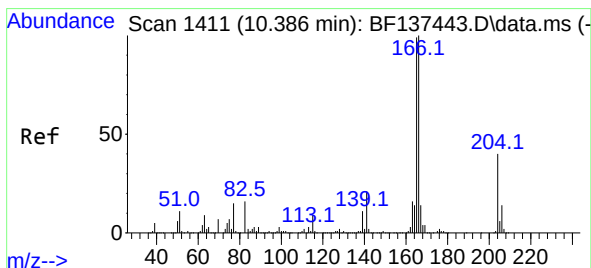
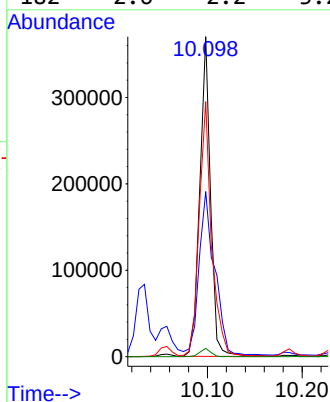
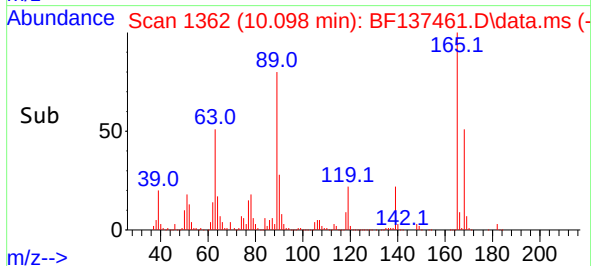


Tgt Ion:165 Resp: 29119  
Ion Ratio Lower Upper  
165 100  
63 51.6 39.0 58.6  
89 79.7 60.9 91.3  
182 2.6 2.2 3.2

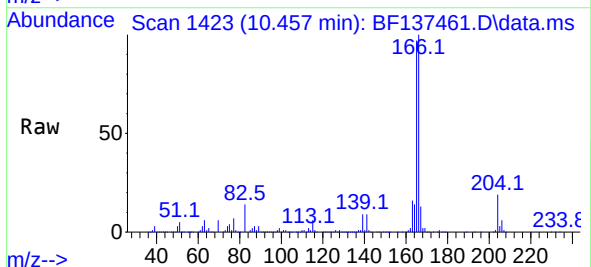
Manual Integrations

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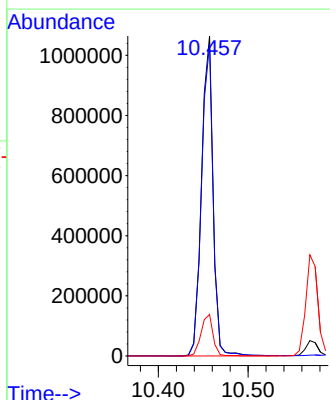
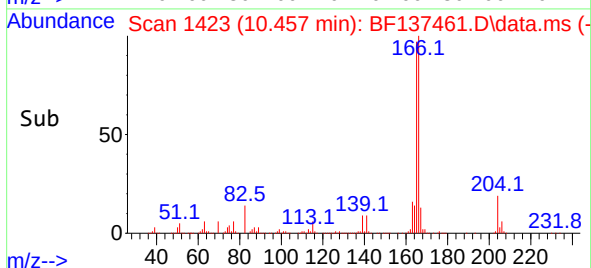
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



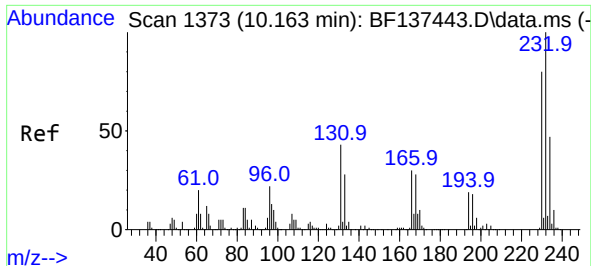
#58  
Fluorene  
Concen: 43.116 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:166 Resp: 949087  
Ion Ratio Lower Upper  
166 100  
165 97.4 79.2 118.8  
167 13.0 11.0 16.6

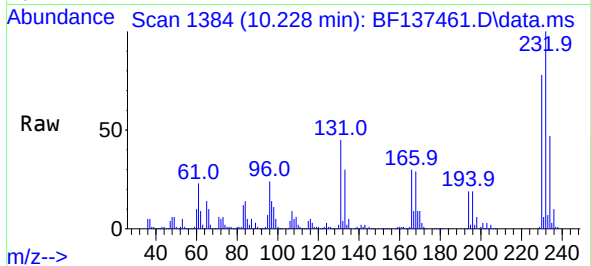






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.649 ng m  
RT: 10.228 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

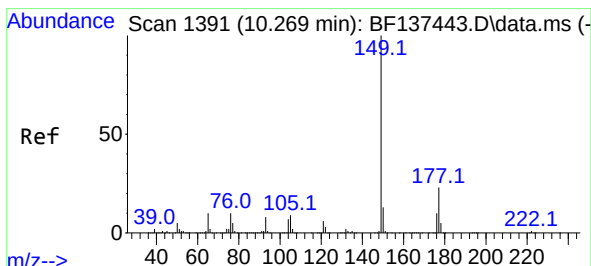
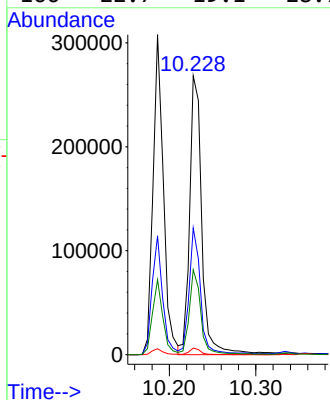
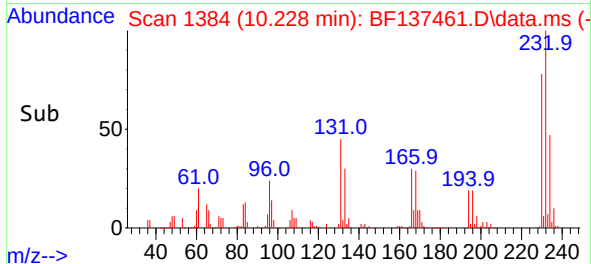
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



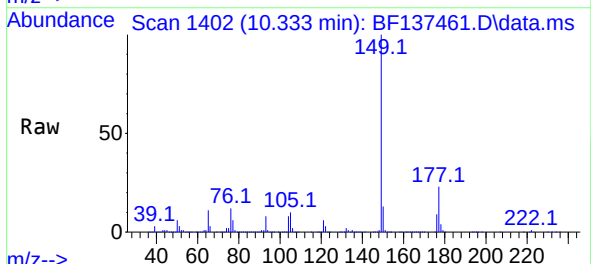
Tgt Ion:232 Resp: 264679  
Ion Ratio Lower Upper  
232 100  
131 36.6 31.2 46.8  
130 1.9 1.8 2.6  
166 22.7 19.1 28.7

Manual Integrations  
APPROVED

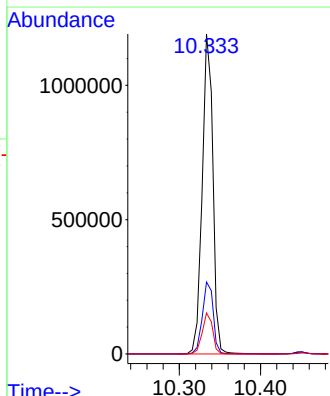
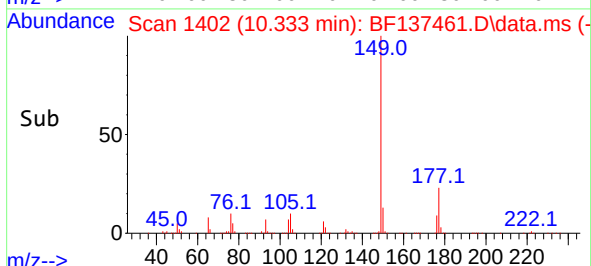
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

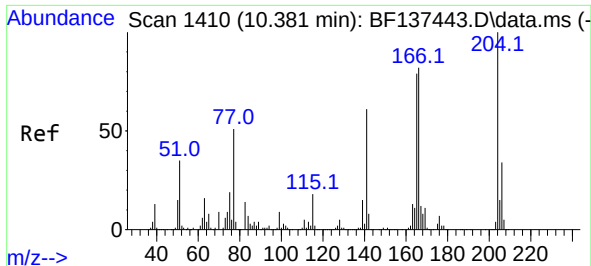


#60  
Diethylphthalate  
Concen: 46.828 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



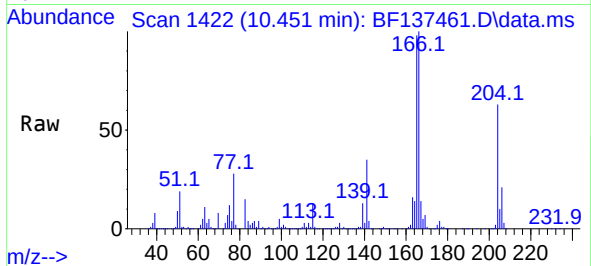
Tgt Ion:149 Resp: 1086559  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.7 28.1  
150 12.8 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 43.347 ng  
RT: 10.451 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

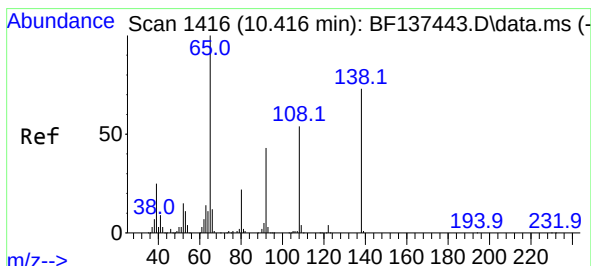
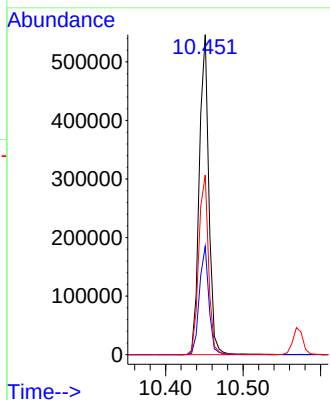
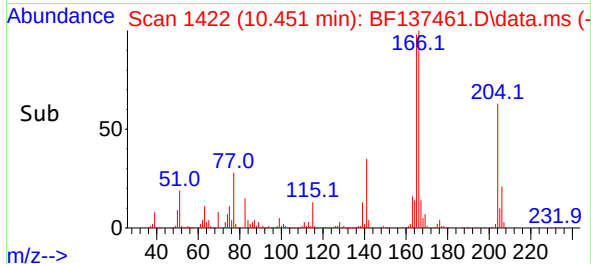
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion:204 Resp: 467630  
Ion Ratio Lower Upper  
204 100  
206 33.8 27.4 41.0  
141 56.2 48.4 72.6

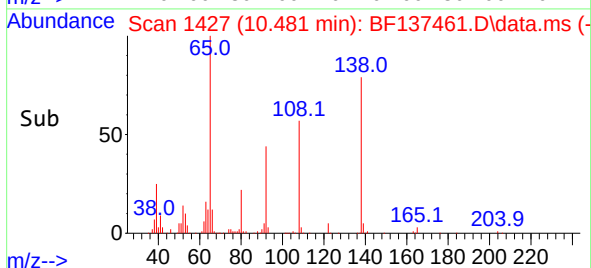
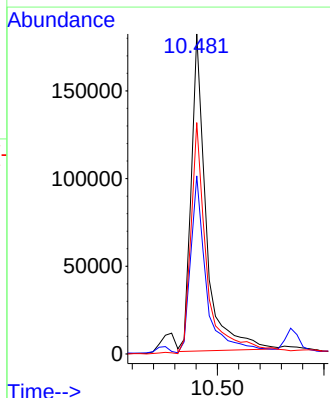
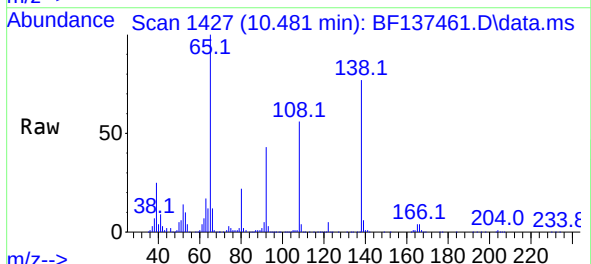
Manual Integrations  
APPROVED

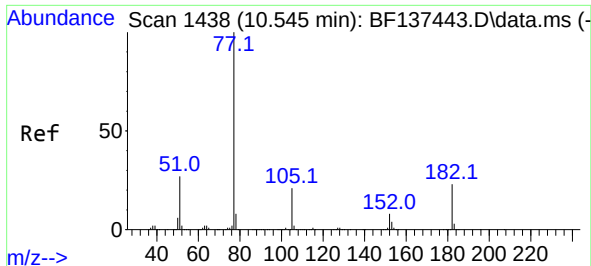
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#62  
4-Nitroaniline  
Concen: 37.899 ng  
RT: 10.481 min Scan# 1427  
Delta R.T. -0.018 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

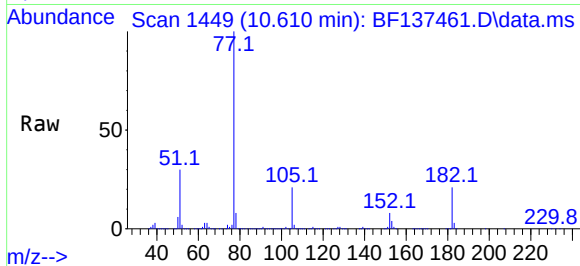
Tgt Ion:138 Resp: 177071  
Ion Ratio Lower Upper  
138 100  
92 55.6 37.9 77.9  
108 72.3 53.2 93.2





#63  
Azobenzene  
Concen: 44.652 ng  
RT: 10.610 min Scan# 1438  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

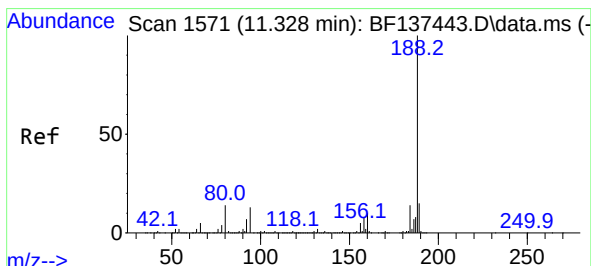
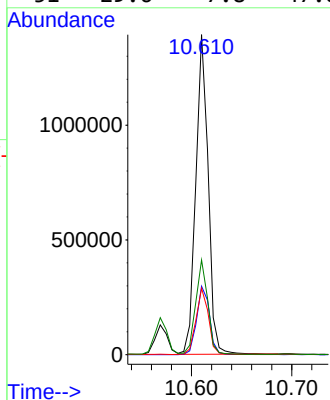
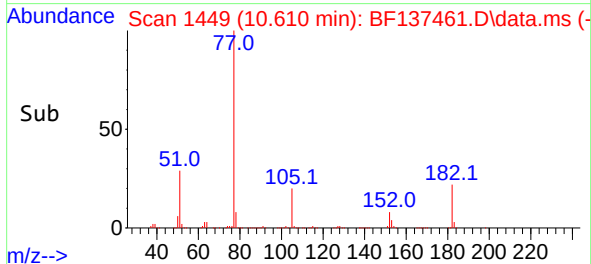
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



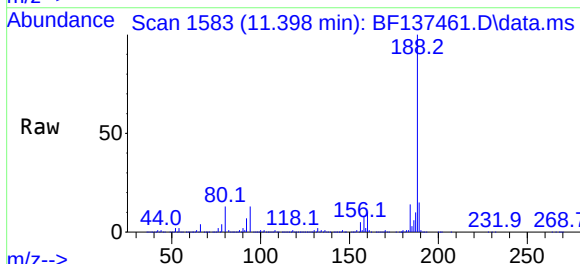
Tgt Ion: 77 Resp: 1193035  
Ion Ratio Lower Upper  
77 100  
182 21.4 3.2 43.2  
105 20.8 1.2 41.2  
51 29.6 7.8 47.8

Manual Integrations  
APPROVED

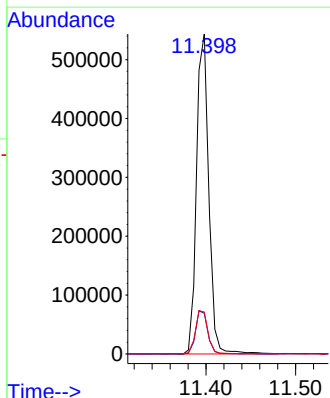
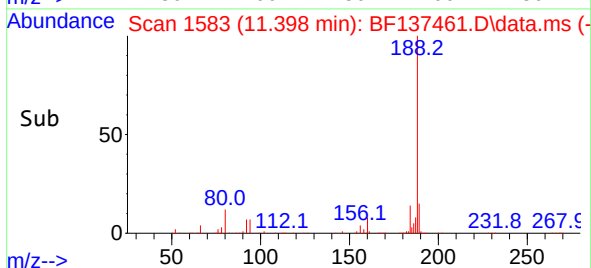
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

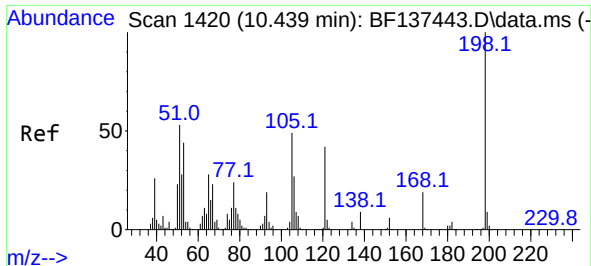


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:188 Resp: 515649  
Ion Ratio Lower Upper  
188 100  
94 12.7 10.6 15.8  
80 13.1 11.5 17.3





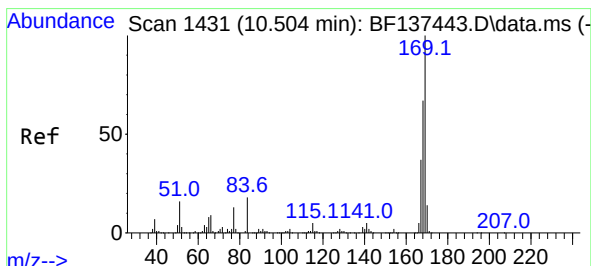
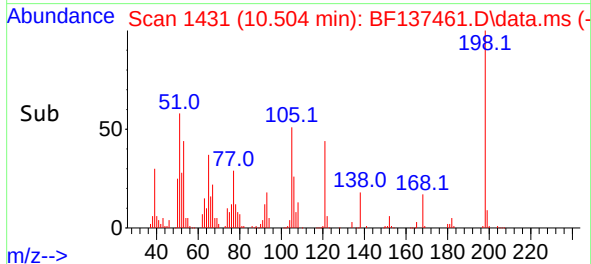
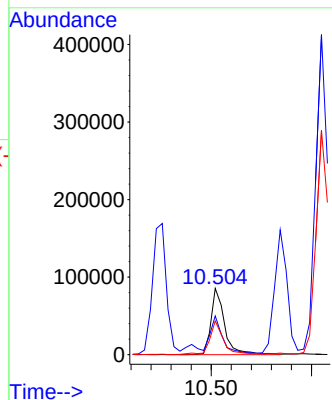
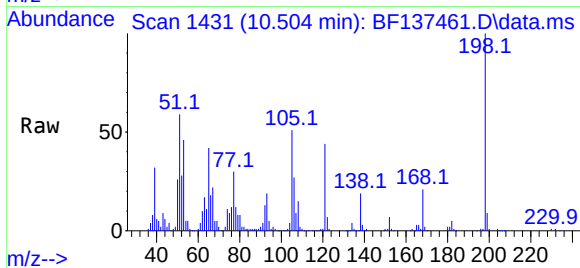
#65  
4,6-Dinitro-2-methylphenol  
Concen: 28.021 ng  
RT: 10.504 min Scan# 1441  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:198 Resp: 80532  
Ion Ratio Lower Upper  
198 100  
51 58.5 37.2 77.2  
105 51.1 29.2 69.2

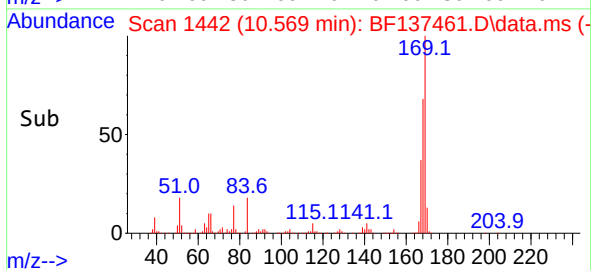
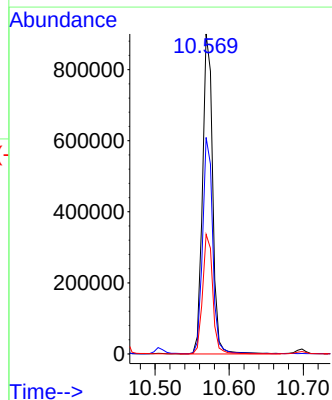
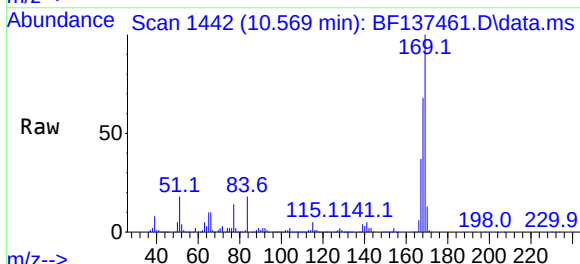
Manual Integrations  
APPROVED

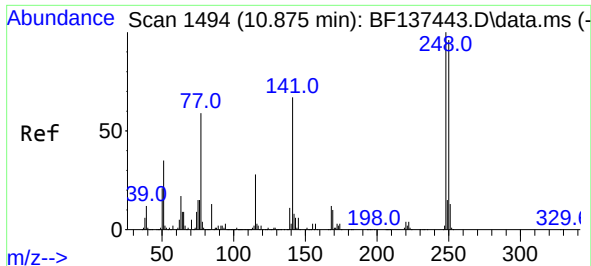
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#66  
n-Nitrosodiphenylamine  
Concen: 51.258 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

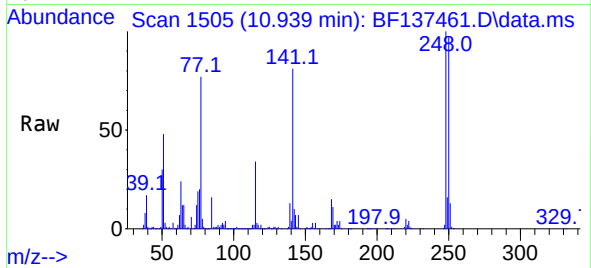
Tgt Ion:169 Resp: 851114  
Ion Ratio Lower Upper  
169 100  
168 67.7 53.8 80.6  
167 37.4 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 50.399 ng  
RT: 10.939 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

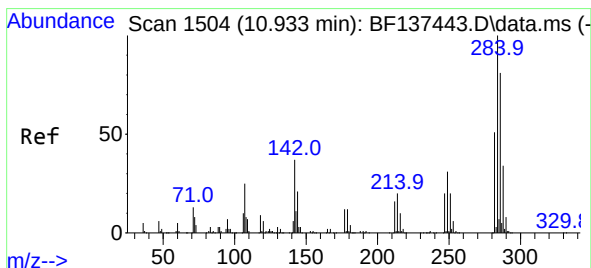
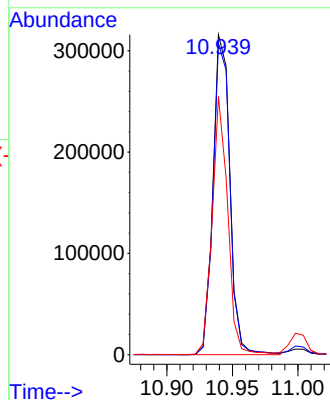
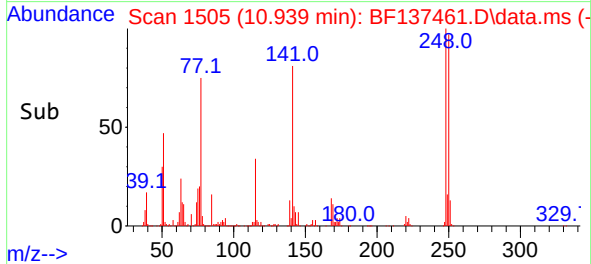
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



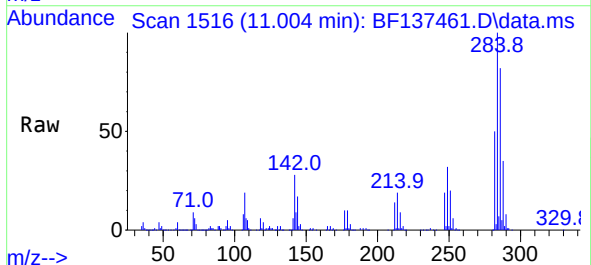
Tgt Ion:248 Resp: 28305  
Ion Ratio Lower Upper  
248 100  
250 97.3 76.8 115.2  
141 80.7 53.4 80.0

Manual Integrations  
APPROVED

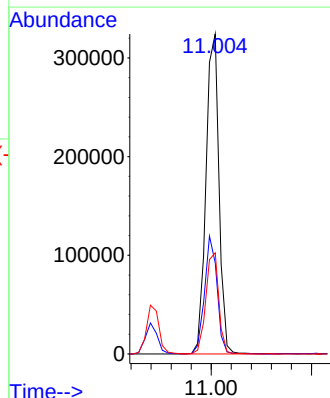
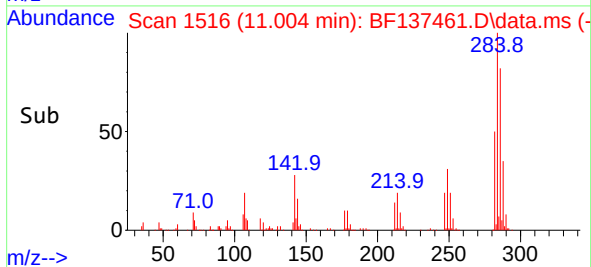
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

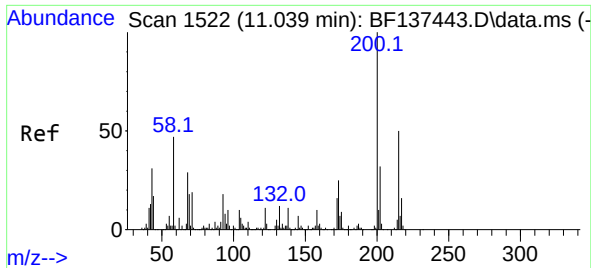


#68  
Hexachlorobenzene  
Concen: 51.917 ng  
RT: 11.004 min Scan# 1516  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



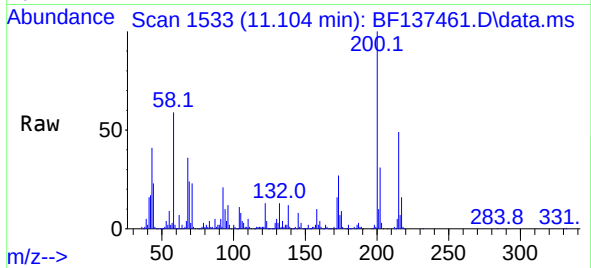
Tgt Ion:284 Resp: 294506  
Ion Ratio Lower Upper  
284 100  
142 28.4 29.4 44.0#  
249 31.6 25.0 37.4





#69  
Atrazine  
Concen: 53.015 ng  
RT: 11.104 min Scan# 1533  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

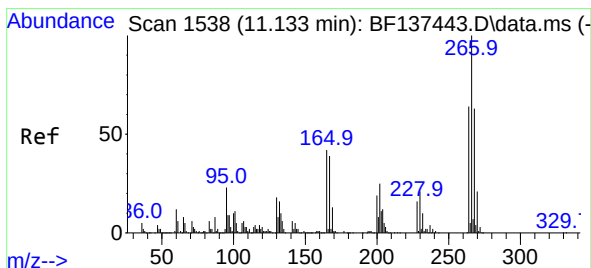
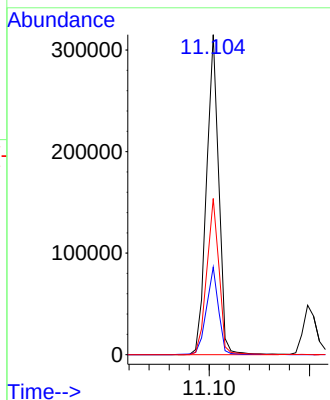
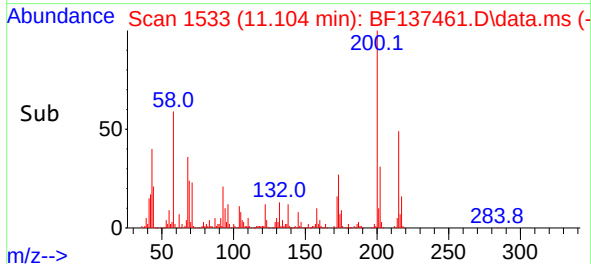
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



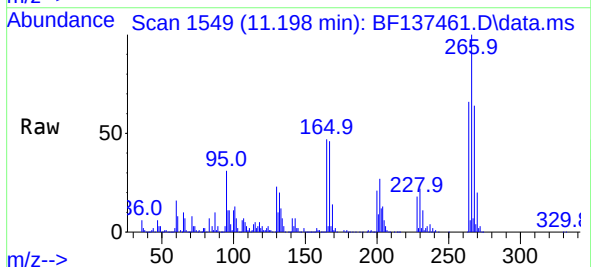
Tgt Ion:200 Resp: 267600  
Ion Ratio Lower Upper  
200 100  
173 27.3 5.1 45.1  
215 48.8 30.4 70.4

Manual Integrations  
APPROVED

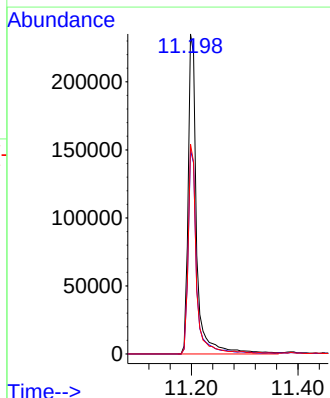
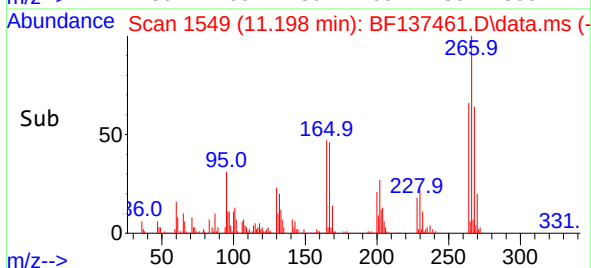
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

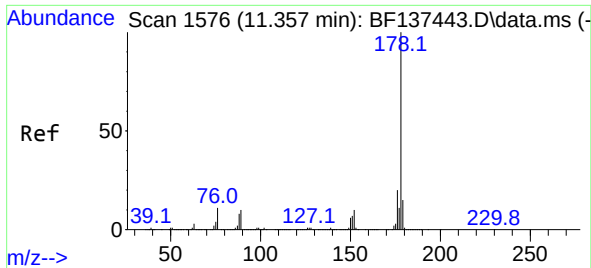


#70  
Pentachlorophenol  
Concen: 76.174 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:266 Resp: 261214  
Ion Ratio Lower Upper  
266 100  
268 63.8 50.2 75.2  
264 65.6 50.9 76.3





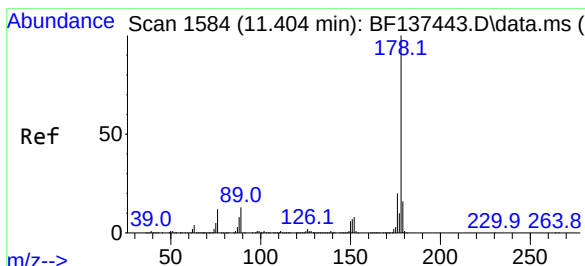
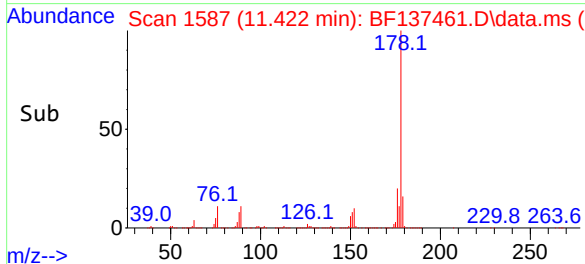
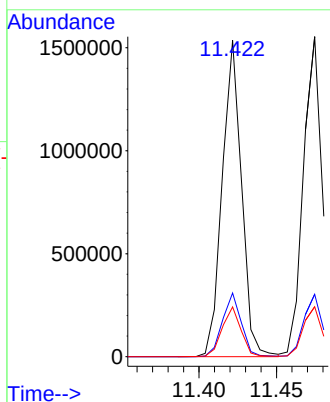
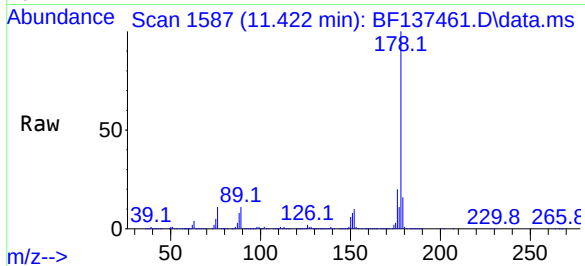
#71  
Phenanthrene  
Concen: 47.518 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:178 Resp: 133349  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.8 23.8  
179 15.7 12.2 18.2

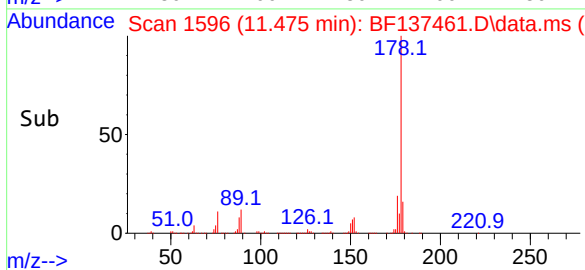
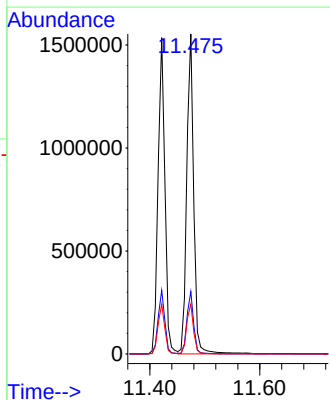
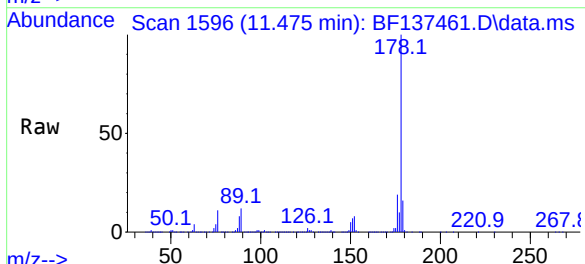
Manual Integrations  
APPROVED

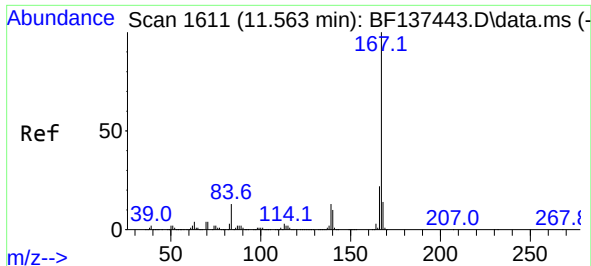
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#72  
Anthracene  
Concen: 47.537 ng  
RT: 11.475 min Scan# 1596  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

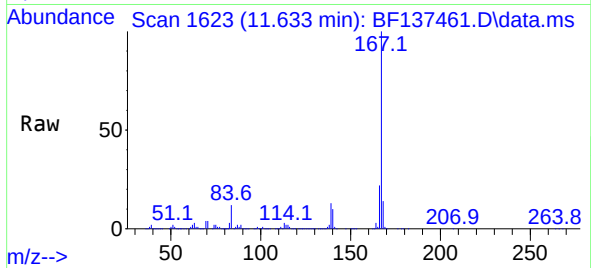
Tgt Ion:178 Resp: 1370105  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.7 23.5  
179 15.6 12.7 19.1





#73  
Carbazole  
Concen: 47.829 ng  
RT: 11.633 min Scan# 1623  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

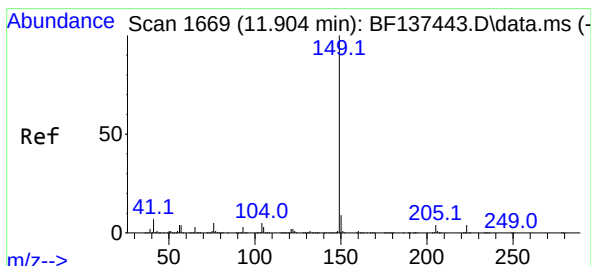
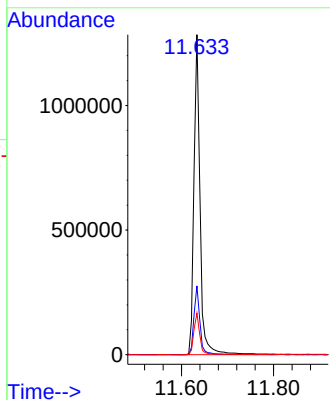
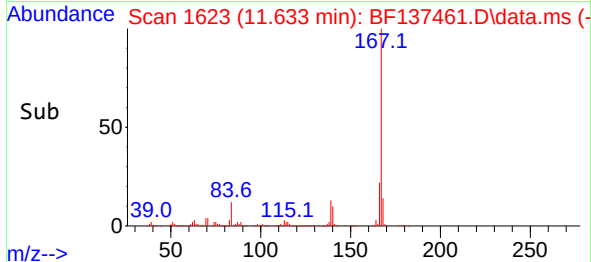
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



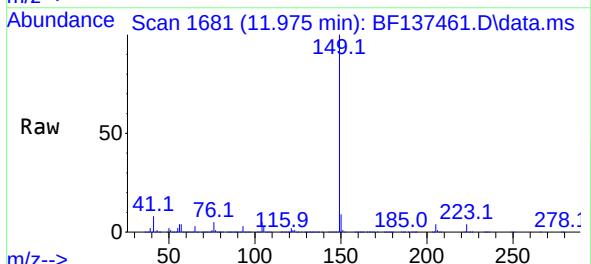
Tgt Ion:167 Resp: 118079  
Ion Ratio Lower Upper  
167 100  
166 21.5 17.8 26.8  
139 13.0 10.5 15.7

Manual Integrations  
APPROVED

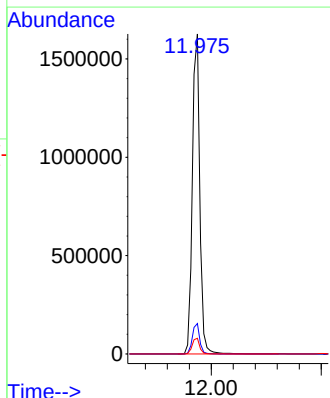
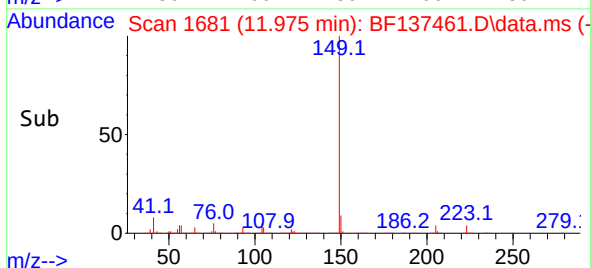
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



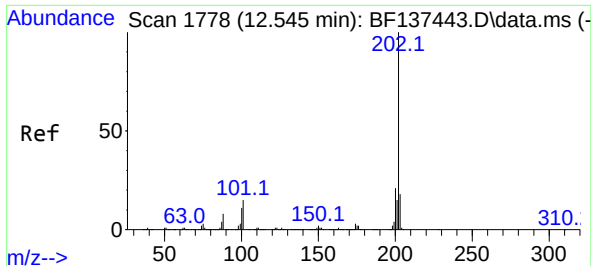
#74  
Di-n-butylphthalate  
Concen: 51.639 ng  
RT: 11.975 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:149 Resp: 1516804  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.4 11.0  
104 4.9 3.8 5.6

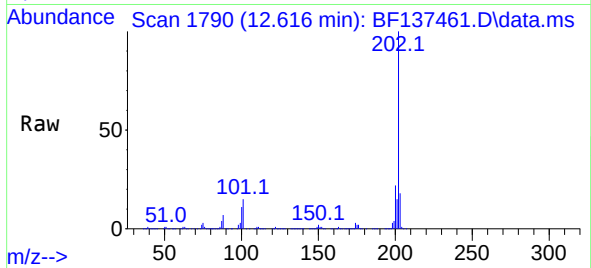






#75  
Fluoranthene  
Concen: 46.372 ng  
RT: 12.616 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

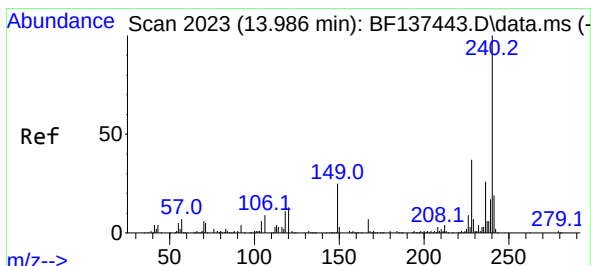
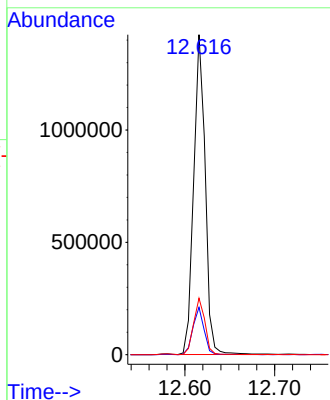
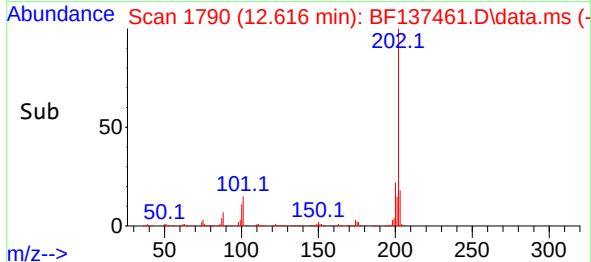
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



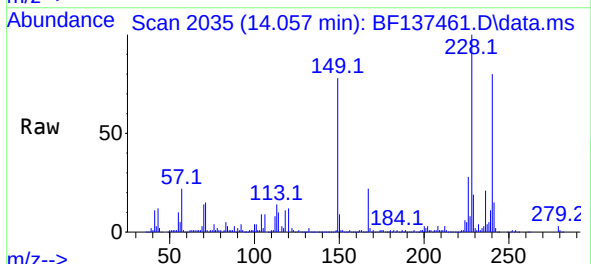
Tgt Ion:202 Resp: 127201  
Ion Ratio Lower Upper  
202 100  
101 14.8 0.0 35.0  
203 17.6 0.0 37.7

Manual Integrations  
APPROVED

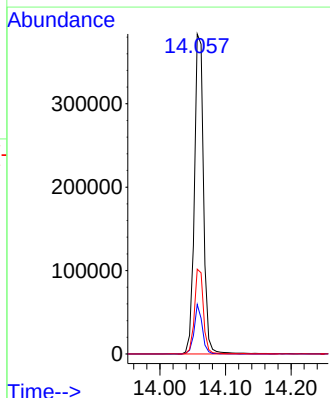
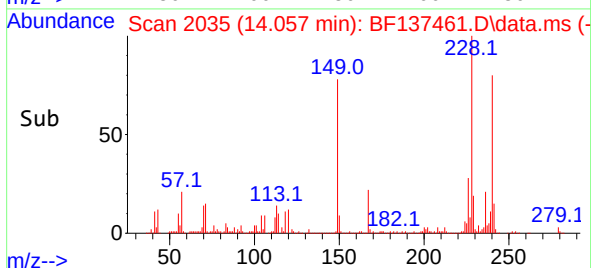
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

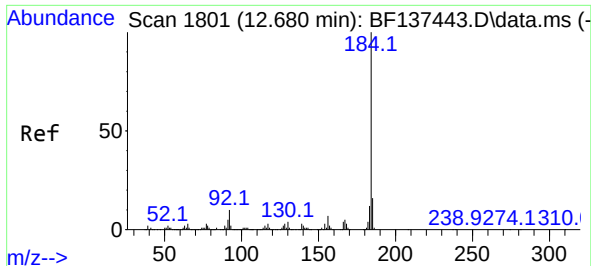


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:240 Resp: 373285  
Ion Ratio Lower Upper  
240 100  
120 15.5 10.4 15.6  
236 26.5 20.9 31.3





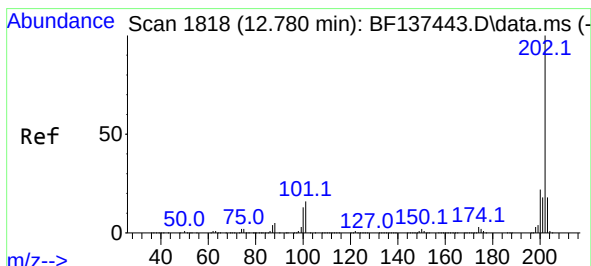
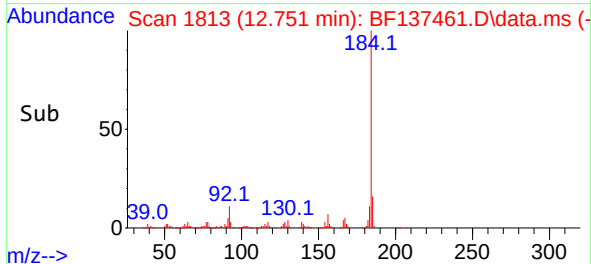
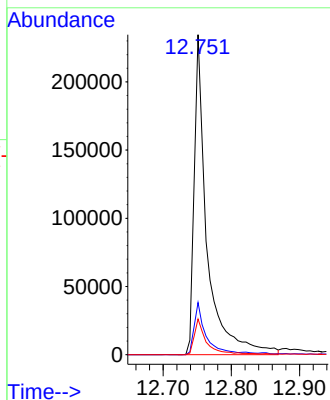
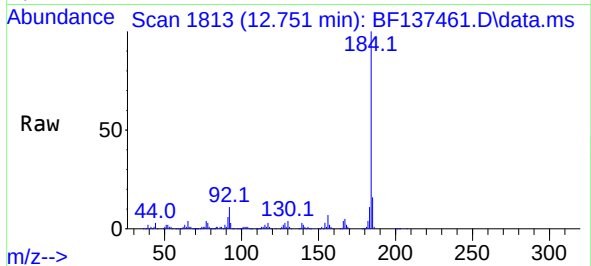
#77  
Benzidine  
Concen: 33.696 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tgt Ion:184 Resp: 307814  
Ion Ratio Lower Upper  
184 100  
185 16.3 13.2 19.8  
183 11.2 9.3 13.9

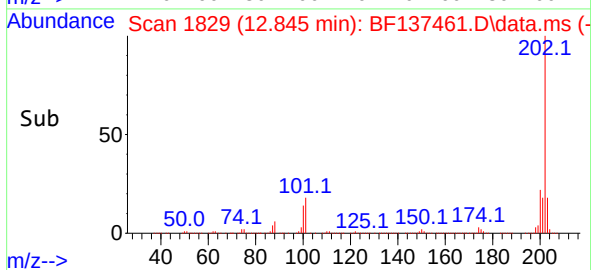
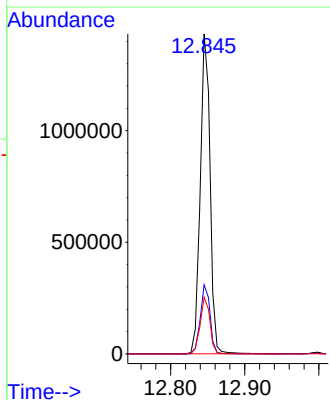
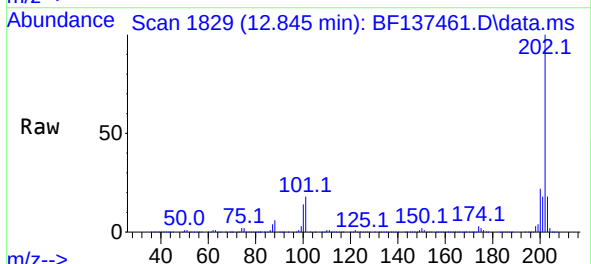
Manual Integrations  
APPROVED

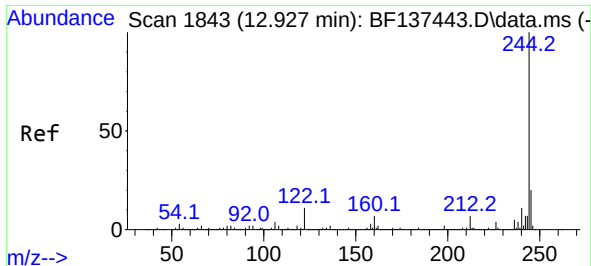
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#78  
Pyrene  
Concen: 35.835 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion:202 Resp: 1312543  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.4 26.2  
203 17.7 14.1 21.1





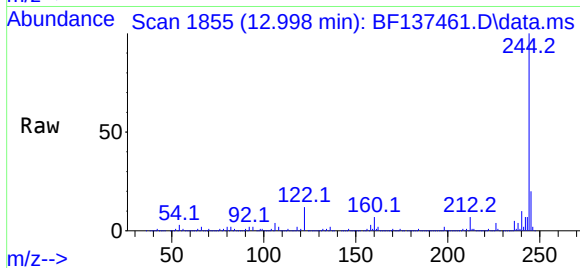
#79  
 Terphenyl-d14  
 Concen: 68.818 ng  
 RT: 12.998 min Scan# 1855  
 Delta R.T. -0.012 min  
 Lab File: BF137461.D  
 Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

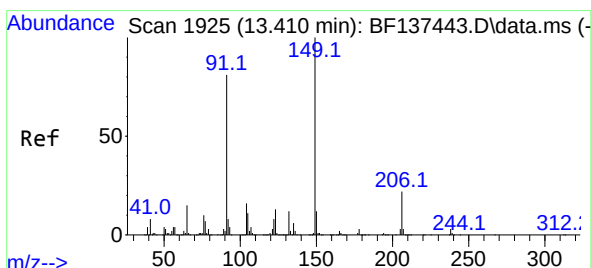
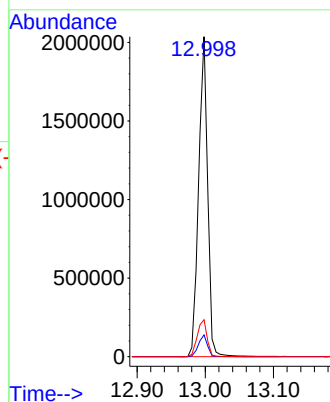
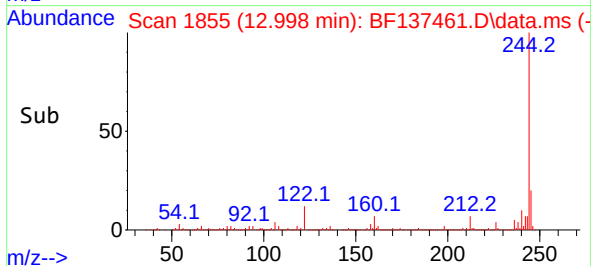


Tgt Ion:244 Resp: 186812  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 11.6 9.1 13.7

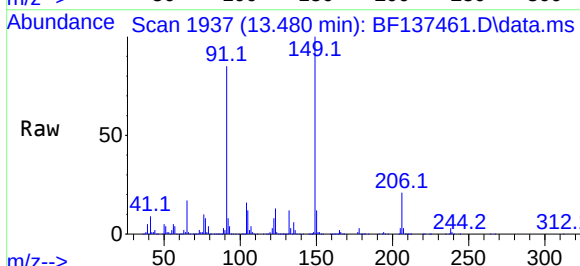
Manual Integrations

APPROVED

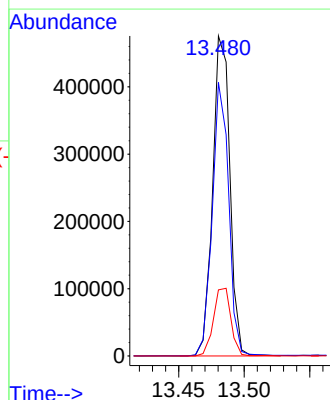
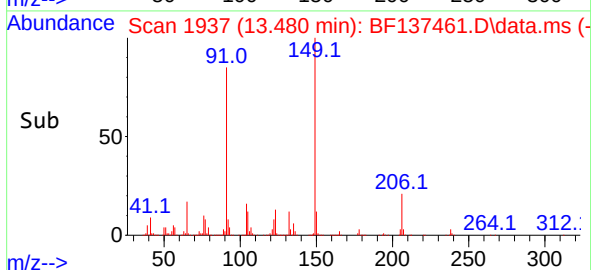
Reviewed By :Jagrut Upadhyay 03/02/2024  
 Supervised By :mohammad ahmed 03/04/2024

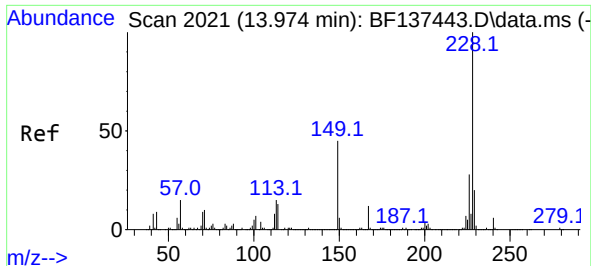


#80  
 Butylbenzylphthalate  
 Concen: 46.393 ng  
 RT: 13.480 min Scan# 1937  
 Delta R.T. -0.012 min  
 Lab File: BF137461.D  
 Acq: 01 Mar 2024 16:15



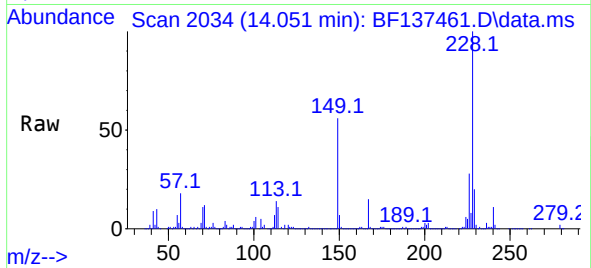
Tgt Ion:149 Resp: 433966  
 Ion Ratio Lower Upper  
 149 100  
 91 85.5 64.7 97.1  
 206 20.7 17.5 26.3





#81  
Benzo(a)anthracene  
Concen: 47.711 ng  
RT: 14.051 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

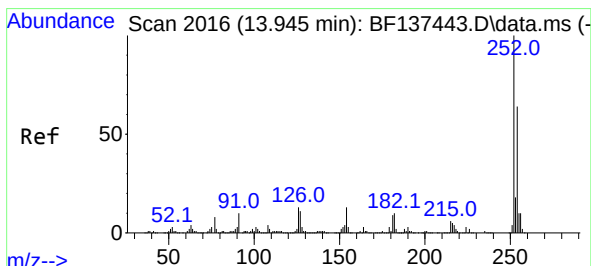
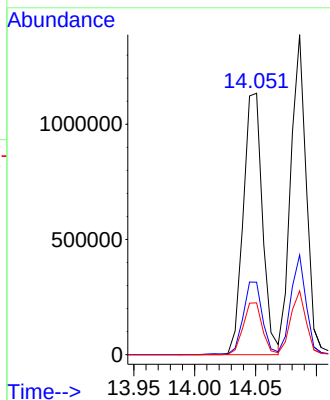
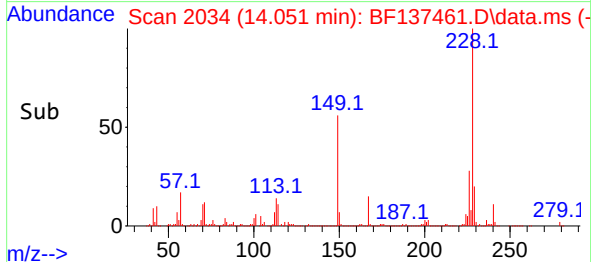
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



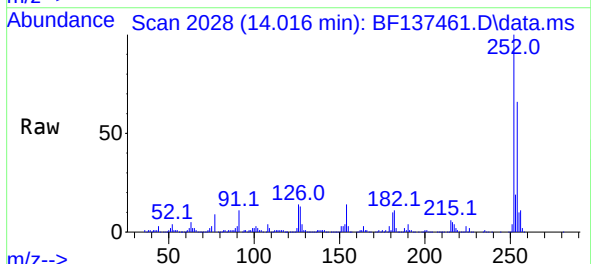
Tgt Ion:228 Resp: 124826  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.3 33.5  
229 19.9 16.3 24.5

Manual Integrations  
APPROVED

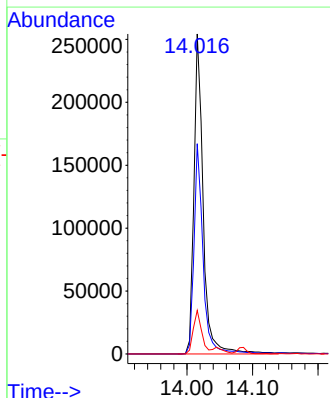
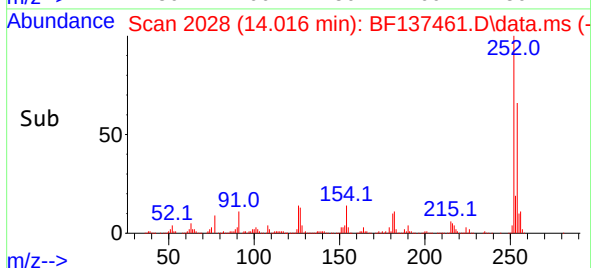
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

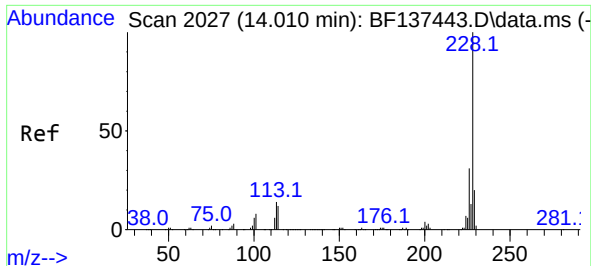


#82  
3,3'-Dichlorobenzidine  
Concen: 35.896 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



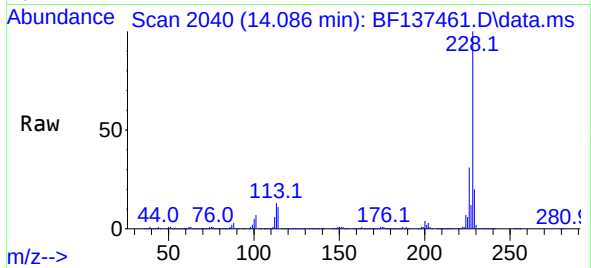
Tgt Ion:252 Resp: 250100  
Ion Ratio Lower Upper  
252 100  
254 65.7 51.4 77.2  
126 13.6 10.4 15.6





#83  
Chrysene  
Concen: 47.105 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

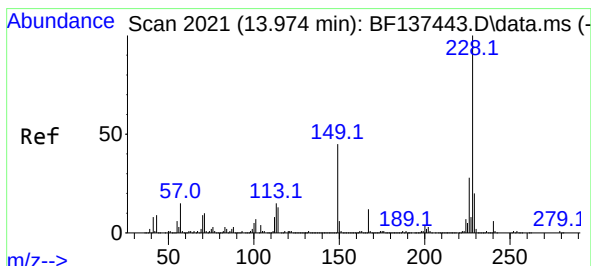
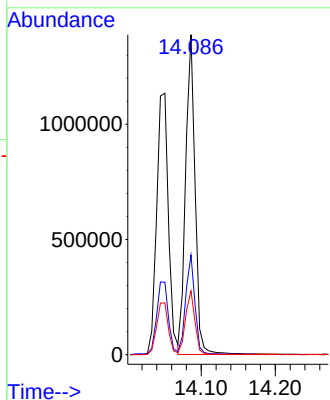
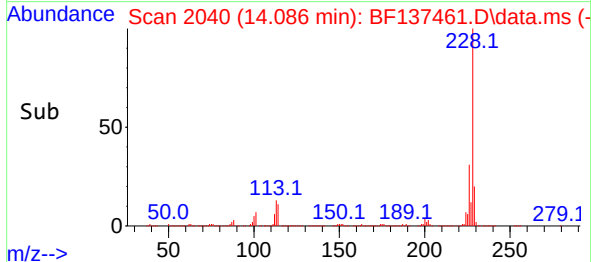
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



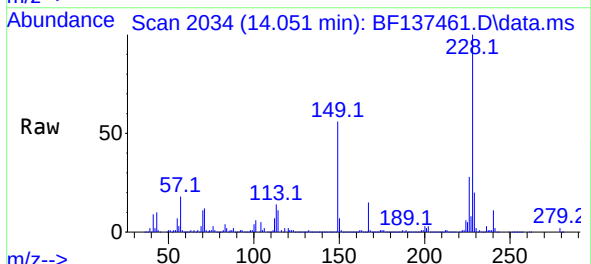
Tgt Ion:228 Resp: 1245597  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.7 37.1  
229 19.9 15.9 23.9

Manual Integrations  
APPROVED

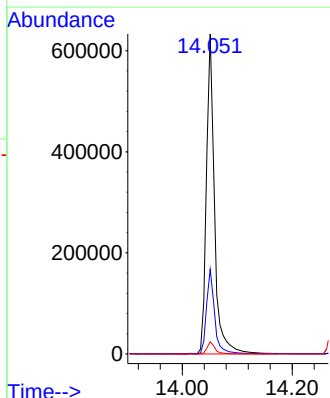
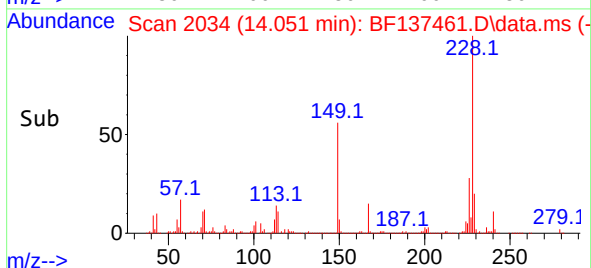
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

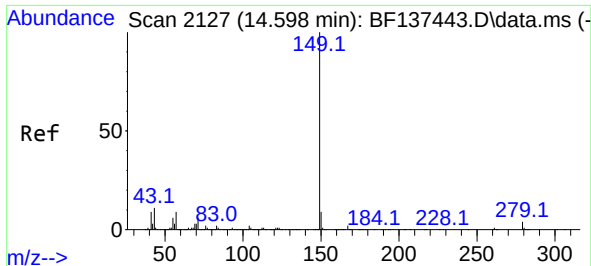


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 54.639 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



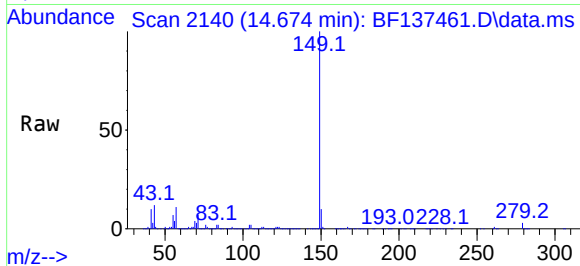
Tgt Ion:149 Resp: 649624  
Ion Ratio Lower Upper  
149 100  
167 26.4 21.3 31.9  
279 3.8 2.6 4.0





#85  
Di-n-octyl phthalate  
Concen: 57.635 ng  
RT: 14.674 min Scan# 2127  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

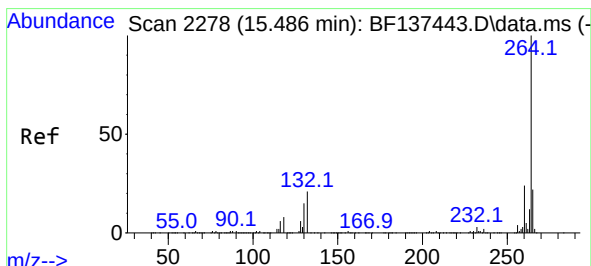
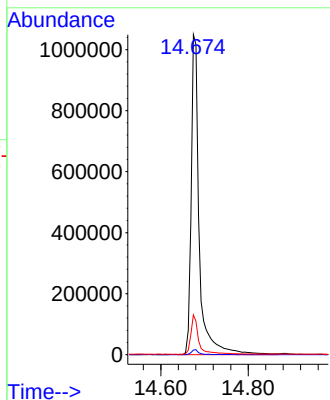
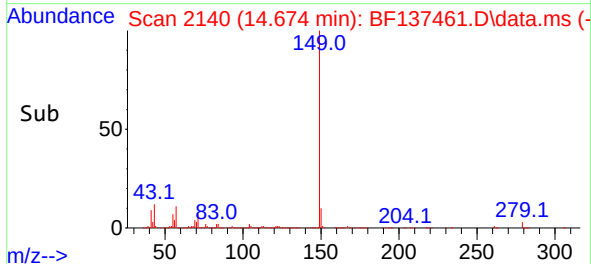
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



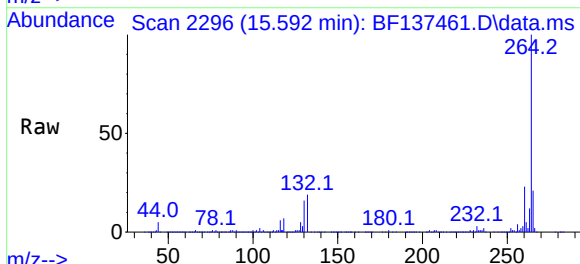
Tgt Ion:149 Resp: 1349869  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 12.2 9.6 14.4

Manual Integrations  
APPROVED

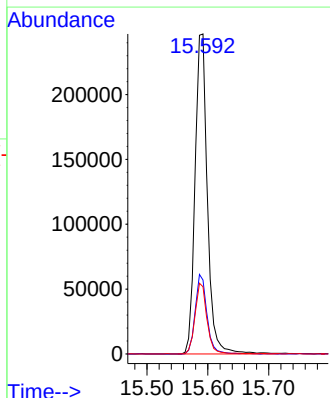
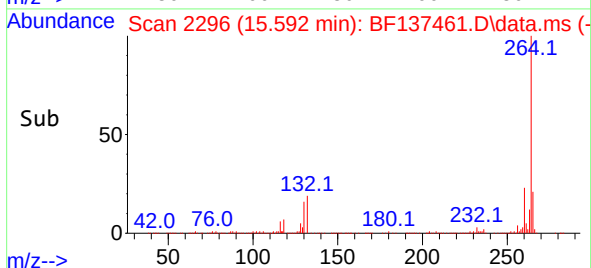
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

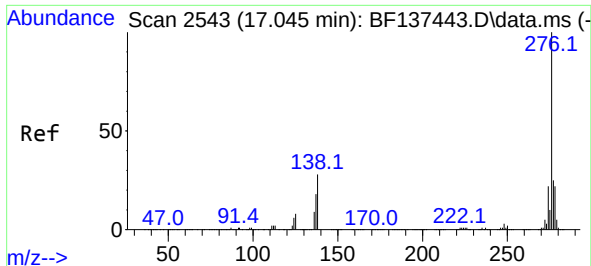


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.592 min Scan# 2296  
Delta R.T. -0.006 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15



Tgt Ion:264 Resp: 348222  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.3 28.9  
265 21.0 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 34.395 ng  
RT: 17.180 min Scan# 2118  
Delta R.T. -0.023 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

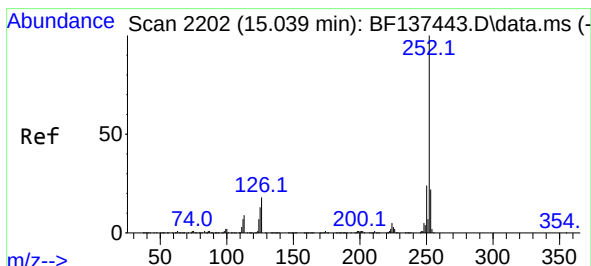
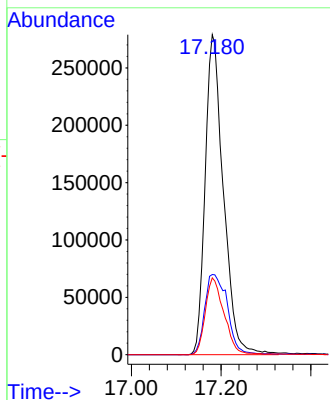
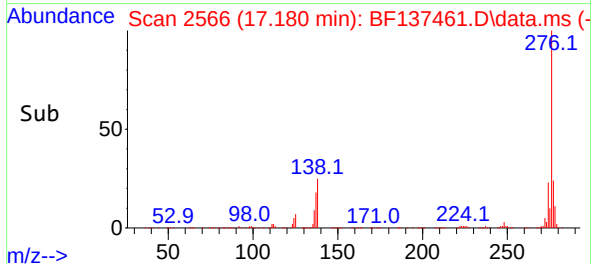
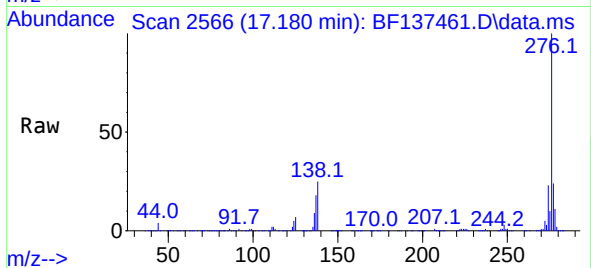
WC-1MS

Tgt Ion:276 Resp: 78818  
Ion Ratio Lower Upper  
276 100  
138 31.2 25.8 38.8  
277 24.7 20.2 30.2

Manual Integrations

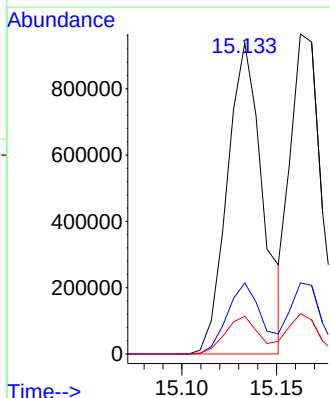
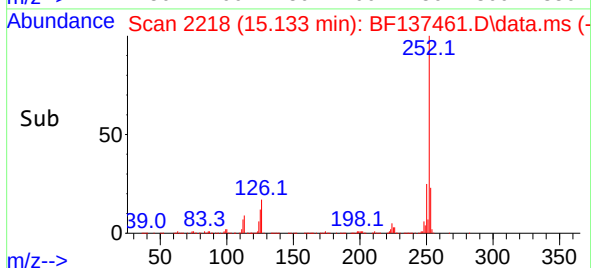
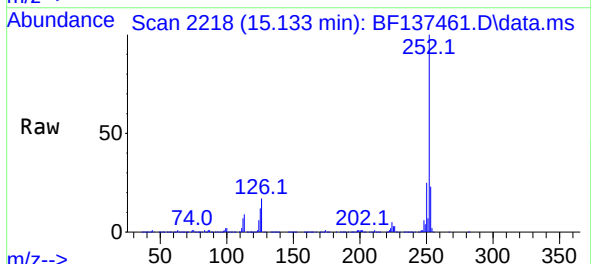
APPROVED

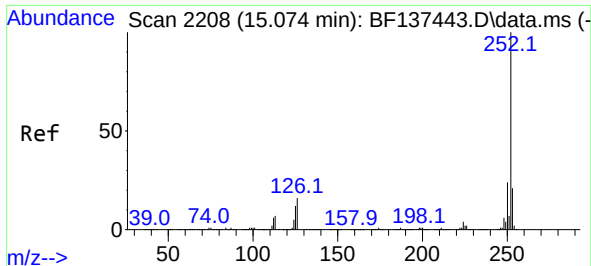
Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#88  
Benzo(b)fluoranthene  
Concen: 59.263 ng  
RT: 15.133 min Scan# 2218  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

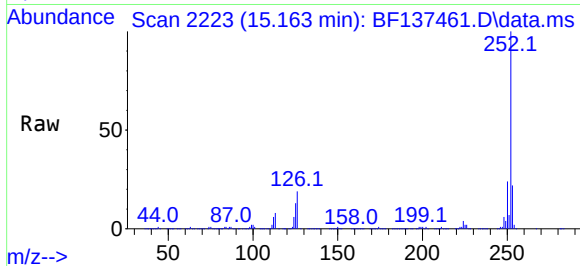
Tgt Ion:252 Resp: 1220741  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.8  
125 12.1 10.1 15.1





#89  
Benzo(k)fluoranthene  
Concen: 50.299 ng  
RT: 15.163 min Scan# 211  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

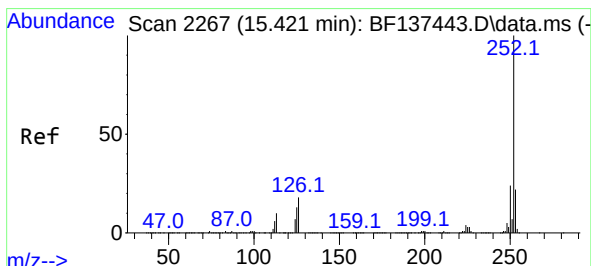
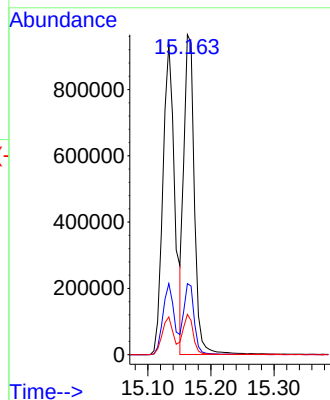
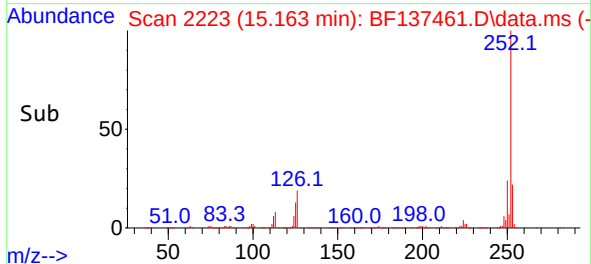
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS



Tgt Ion:252 Resp: 111285  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 12.6 9.6 14.4

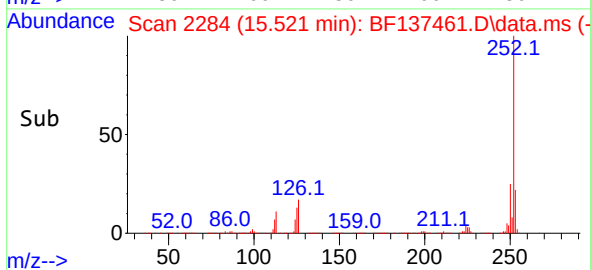
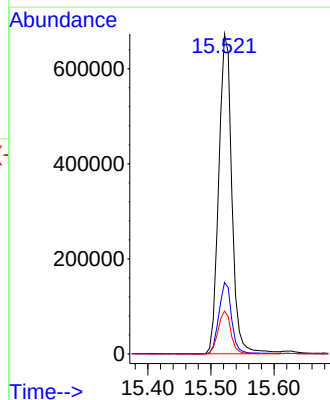
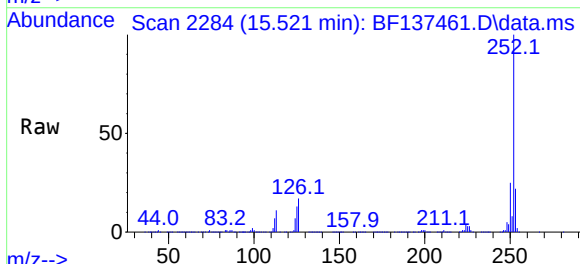
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024

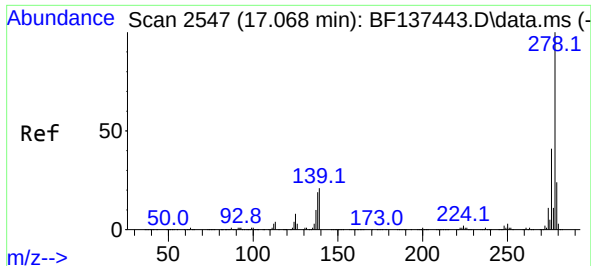


#90  
Benzo(a)pyrene  
Concen: 47.797 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. -0.012 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion:252 Resp: 970228  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 13.4 10.4 15.6







#91  
Dibenzo(a,h)anthracene  
Concen: 34.923 ng  
RT: 17.209 min Scan# 2547  
Delta R.T. -0.023 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Instrument :

BNA\_F

ClientSampleId :

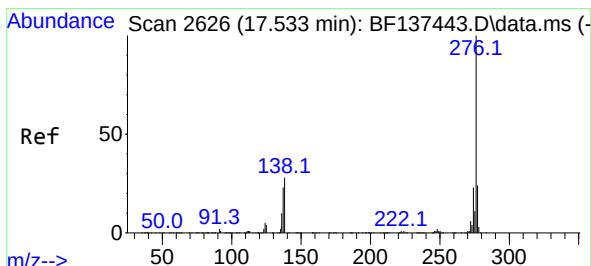
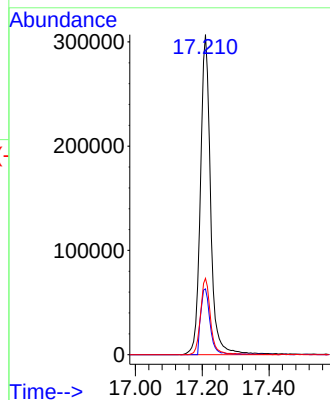
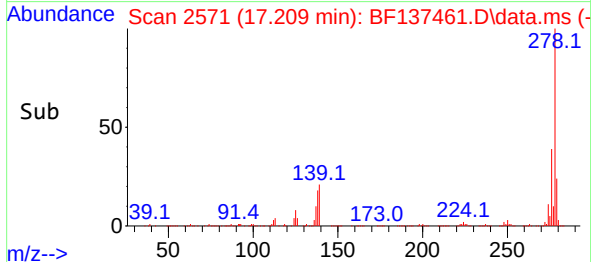
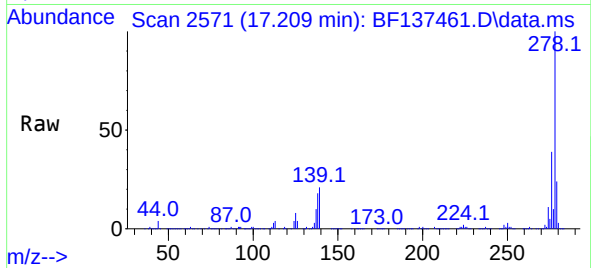
WC-1MS

Tgt Ion:278 Resp: 64919  
Ion Ratio Lower Upper  
278 100  
139 20.6 17.0 25.6  
279 23.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024  
Supervised By :mohammad ahmed 03/04/2024



#92  
Benzo(g,h,i)perylene  
Concen: 30.974 ng  
RT: 17.662 min Scan# 2648  
Delta R.T. -0.029 min  
Lab File: BF137461.D  
Acq: 01 Mar 2024 16:15

Tgt Ion:276 Resp: 591311  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.0 28.4  
138 28.2 22.2 33.2

