

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012524\  
 Data File : BF137142.D  
 Acq On : 25 Jan 2024 11:54  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
 Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 25 23:06:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 25 23:02:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 71578    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.092  | 136  | 278823   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.845  | 164  | 161089   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 313548   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 218144   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.474 | 264  | 173872   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 101422   | 20.993 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 132036   | 20.786 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 109409   | 18.395 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 32238    | 19.025 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.163  | 172  | 253810   | 21.935 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.933 | 244  | 308341   | 20.212 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.587  | 88   | 24496    | 10.493 | ng    | 95       |
| 3) Pyridine                   | 3.340  | 79   | 58777    | 10.433 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.287  | 42   | 33403    | 10.175 | ng    | 95       |
| 6) Aniline                    | 6.475  | 93   | 79931    | 10.430 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.592  | 128  | 50224    | 10.128 | ng    | 99       |
| 9) Benzaldehyde               | 6.363  | 77   | 38329    | 11.502 | ng    | 97       |
| 10) Phenol                    | 6.445  | 94   | 77040m   | 10.615 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.545  | 93   | 55288    | 10.450 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.751  | 146  | 60371    | 10.657 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 60798    | 10.611 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.981  | 146  | 57216    | 10.567 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.945  | 79   | 51496    | 10.000 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081  | 45   | 102812   | 11.013 | ng    | 99       |
| 17) 2-Methylphenol            | 7.057  | 107  | 44361    | 10.439 | ng    | 98       |
| 18) Hexachloroethane          | 7.322  | 117  | 19179    | 9.917  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.216  | 70   | 44658    | 10.391 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 57559    | 10.718 | ng    | # 81     |
| 22) Acetophenone              | 7.216  | 105  | 84079    | 10.607 | ng    | 96       |
| 24) Nitrobenzene              | 7.386  | 77   | 56375    | 9.426  | ng    | 95       |
| 25) Isophorone                | 7.628  | 82   | 122110   | 10.397 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.704  | 139  | 13144    | 10.113 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.739  | 122  | 37309    | 10.506 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.839  | 93   | 67133    | 10.145 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 42975    | 10.067 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.028  | 180  | 52767    | 10.497 | ng    | 97       |
| 31) Naphthalene               | 8.110  | 128  | 160297   | 10.647 | ng    | 99       |
| 32) Benzoic acid              | 7.798  | 122  | 12459    | 12.380 | ng    | # 82     |
| 33) 4-Chloroaniline           | 8.157  | 127  | 58950    | 10.371 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.228  | 225  | 35466    | 10.660 | ng    | 97       |
| 35) Caprolactam               | 8.492  | 113  | 12508    | 9.712  | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 48629    | 10.001 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.798  | 142  | 107343   | 10.586 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 98318    | 10.435 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.963  | 216  | 57839    | 10.562 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.957  | 237  | 17674    | 7.940  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.075  | 196  | 32001    | 9.938  | ng    | 96       |

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Manual Integrations  
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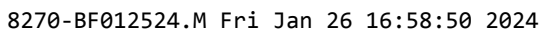
Quant Time: Jan 25 23:06:56 2024  
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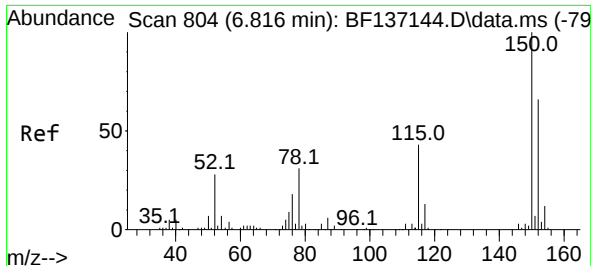
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 34165    | 9.886  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.269  | 154  | 138132   | 10.756 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.286  | 162  | 98871    | 10.459 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.380  | 65   | 18875    | 9.595  | ng    | 89       |
| 49) Acenaphthylene            | 9.704  | 152  | 158600   | 10.438 | ng    | 99       |
| 50) Dimethylphthalate         | 9.569  | 163  | 111614   | 10.231 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.627  | 165  | 15476    | 9.512  | ng    | 90       |
| 52) Acenaphthene              | 9.875  | 154  | 96187    | 10.229 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.792  | 138  | 16433    | 8.249  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 3341     | 10.835 | ng    | # 69     |
| 55) Dibenzofuran              | 10.051 | 168  | 150994   | 10.644 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 13136    | 8.289  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.027 | 165  | 16301    | 9.637  | ng    | # 91     |
| 58) Fluorene                  | 10.392 | 166  | 118838   | 10.929 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232  | 28819    | 9.561  | ng    | 97       |
| 60) Diethylphthalate          | 10.275 | 149  | 110024   | 10.283 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204  | 58979    | 10.882 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 17041    | 8.572  | ng    | 97       |
| 63) Azobenzene                | 10.551 | 77   | 131698   | 10.570 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.427 | 198  | 5991     | 12.183 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 100245   | 10.428 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 38186    | 10.570 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.939 | 284  | 39193    | 10.315 | ng    | 97       |
| 69) Atrazine                  | 11.039 | 200  | 30075    | 9.711  | ng    | 97       |
| 70) Pentachlorophenol         | 11.133 | 266  | 18662    | 8.619  | ng    | 96       |
| 71) Phenanthrene              | 11.357 | 178  | 177826   | 10.718 | ng    | 98       |
| 72) Anthracene                | 11.410 | 178  | 179285   | 10.607 | ng    | 99       |
| 73) Carbazole                 | 11.563 | 167  | 153154   | 10.612 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 145103   | 9.601  | ng    | 100      |
| 75) Fluoranthene              | 12.551 | 202  | 182695   | 10.611 | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 26778    | 6.330  | ng    | 96       |
| 78) Pyrene                    | 12.780 | 202  | 193002   | 9.810  | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 18099    | 9.600  | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 160143   | 10.035 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 33364    | 8.457  | ng    | 99       |
| 83) Chrysene                  | 14.010 | 228  | 154997   | 10.248 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 33661    | 10.671 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.610 | 149  | 44790    | 12.368 | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 106186   | 9.096  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 120659   | 10.576 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 115910   | 10.398 | ng    | 95       |
| 90) Benzo(a)pyrene            | 15.404 | 252  | 102876   | 10.208 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 86178    | 9.160  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 80115    | 8.842  | ng    | 98       |

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

## Manual Integrations

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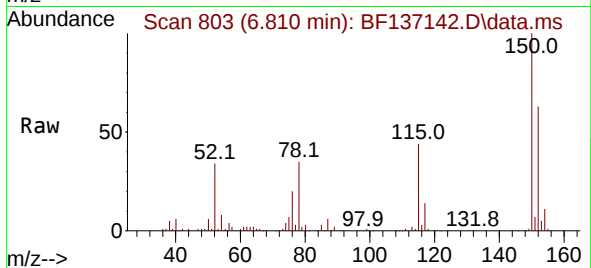
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

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BNA\_F

ClientSampleId :

SSTDICC010

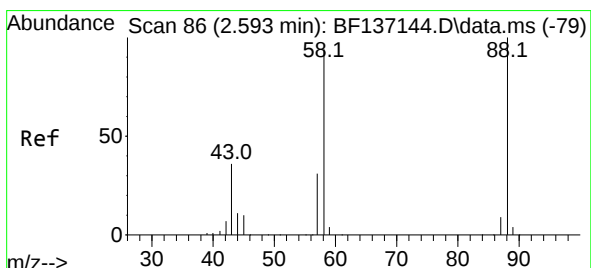
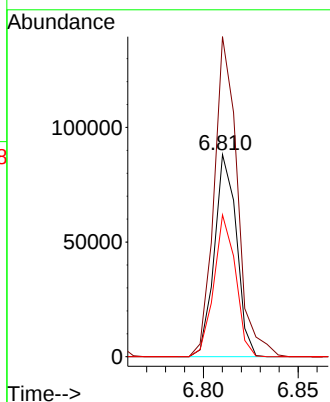
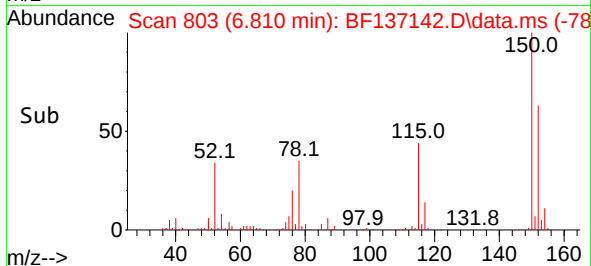


Tgt Ion:152 Resp: 71578  
Ion Ratio Lower Upper  
152 100  
150 158.4 121.2 181.8  
115 70.2 52.5 78.7

Manual Integrations

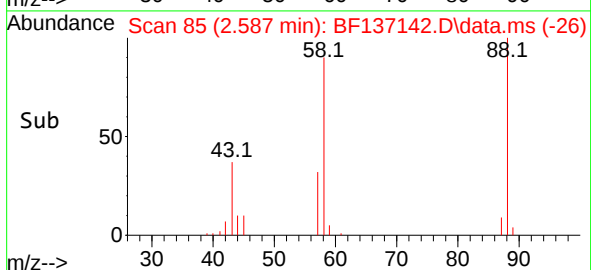
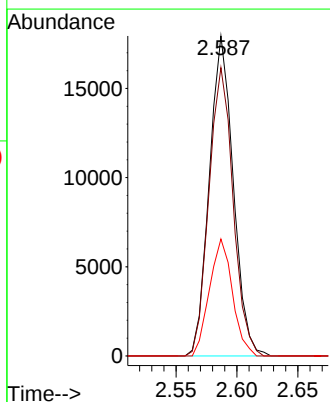
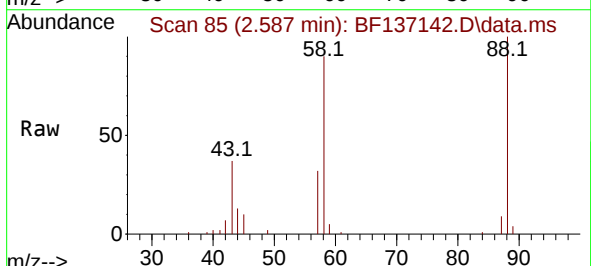
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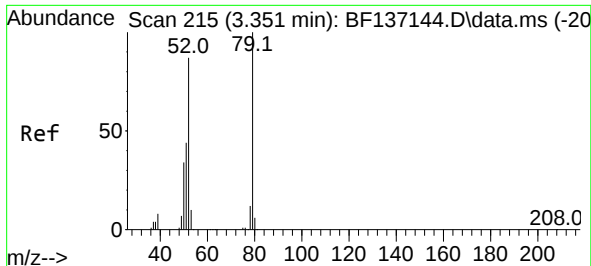
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#2  
1,4-Dioxane  
Concen: 10.493 ng  
RT: 2.587 min Scan# 85  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion: 88 Resp: 24496  
Ion Ratio Lower Upper  
88 100  
58 90.9 76.9 115.3  
43 35.2 29.8 44.8





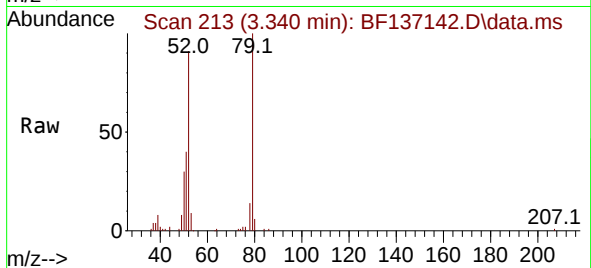
#3  
Pyridine  
Concen: 10.433 ng  
RT: 3.340 min Scan# 215  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

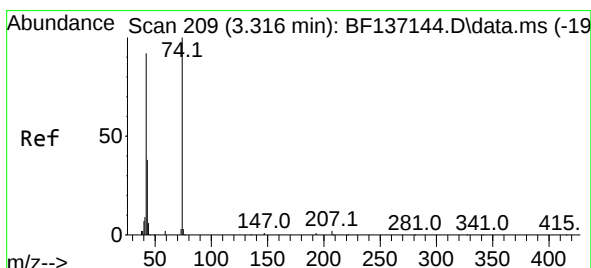
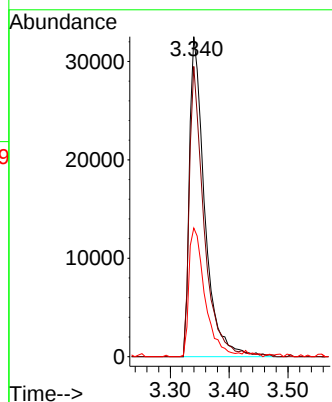
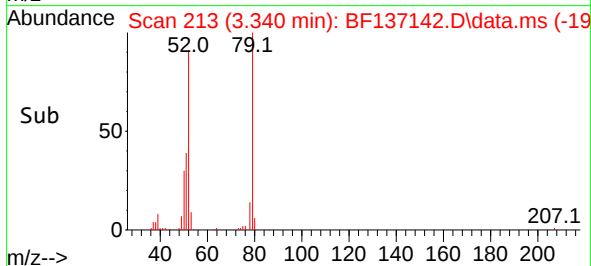


Tgt Ion: 79 Resp: 5877  
Ion Ratio Lower Upper  
79 100  
52 90.7 69.8 104.8  
51 40.2 35.1 52.7

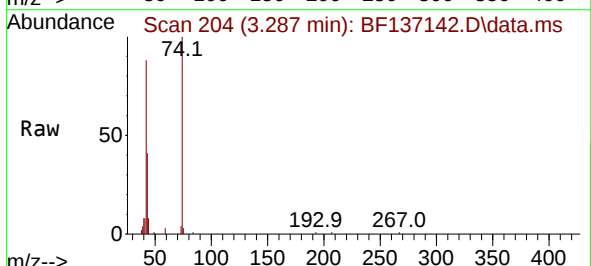
Manual Integrations

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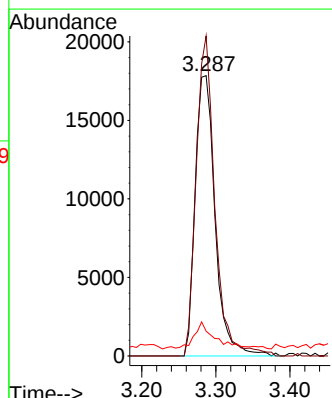
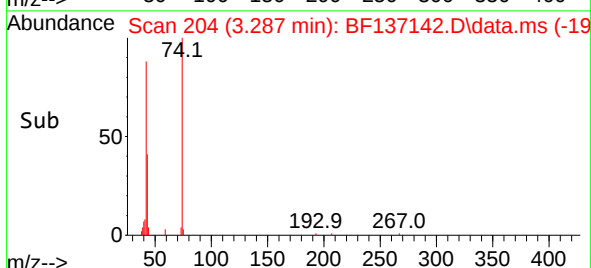
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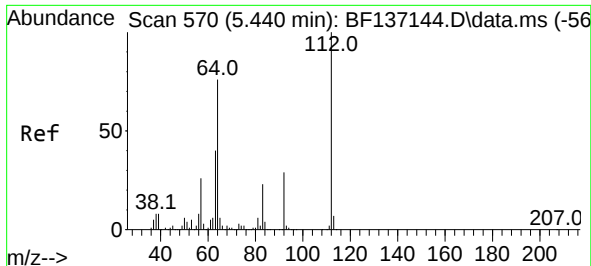


#4  
n-Nitrosodimethylamine  
Concen: 10.175 ng  
RT: 3.287 min Scan# 204  
Delta R.T. -0.029 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion: 42 Resp: 33403  
Ion Ratio Lower Upper  
42 100  
74 114.2 87.4 131.0  
44 8.8 6.2 9.2





#5  
2-Fluorophenol  
Concen: 20.993 ng  
RT: 5.434 min Scan# 570  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

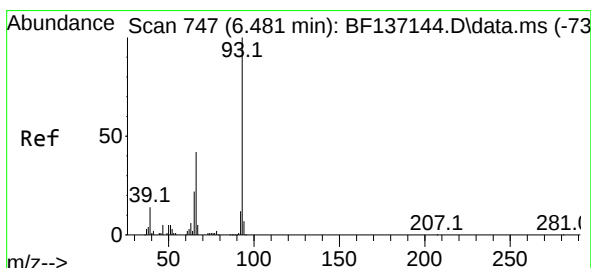
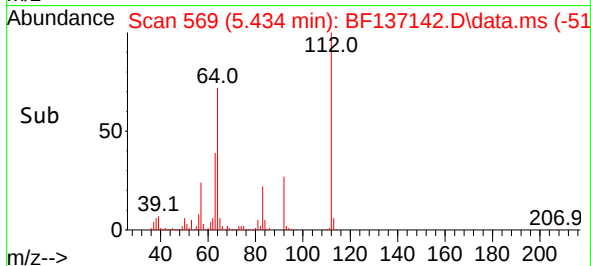
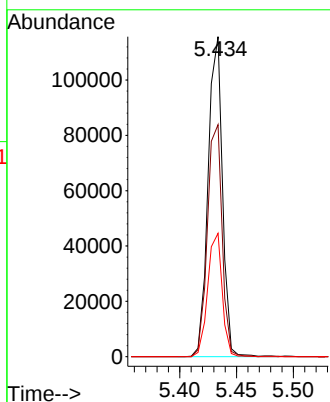
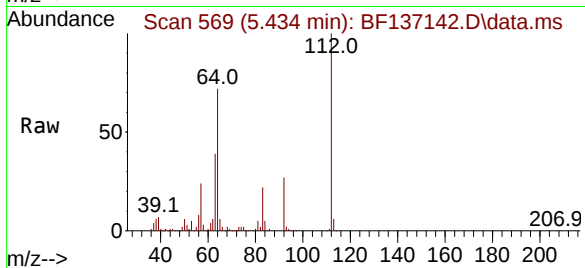
ClientSampleId :

SSTDICC010

Tgt Ion:112 Resp: 10142  
Ion Ratio Lower Upper  
112 100  
64 72.5 60.8 91.2  
63 38.6 32.1 48.1

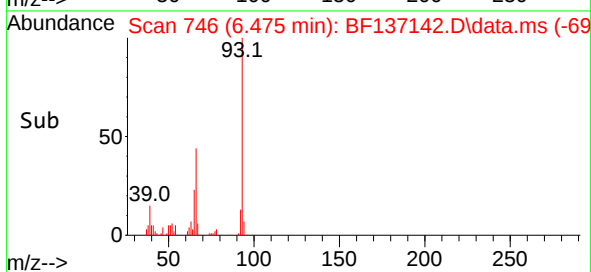
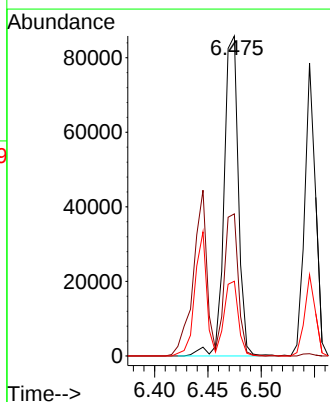
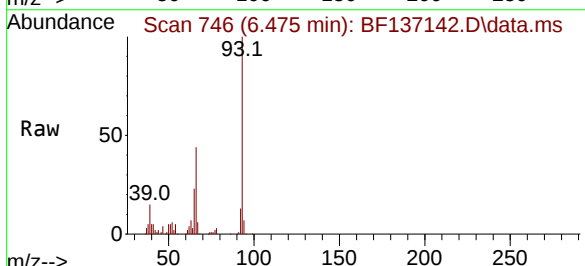
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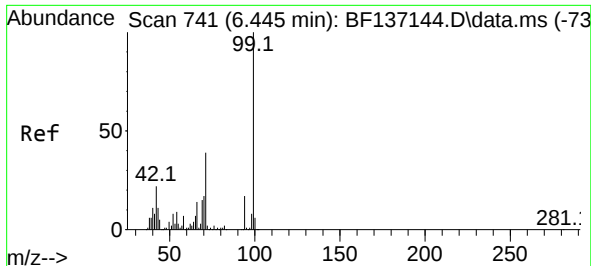
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#6  
Aniline  
Concen: 10.430 ng  
RT: 6.475 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

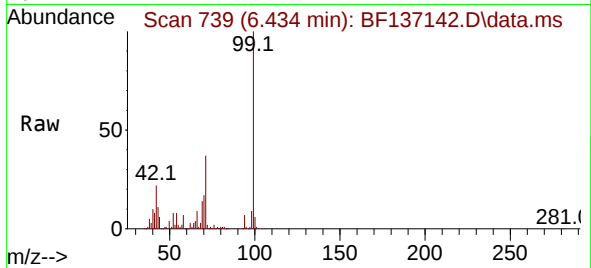
Tgt Ion: 93 Resp: 79931  
Ion Ratio Lower Upper  
93 100  
66 44.4 35.4 53.0  
65 23.4 18.3 27.5





#7  
Phenol-d6  
Concen: 20.786 ng  
RT: 6.434 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

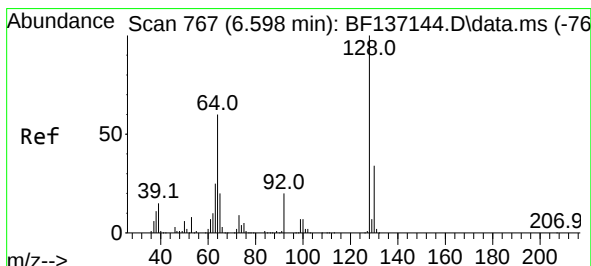
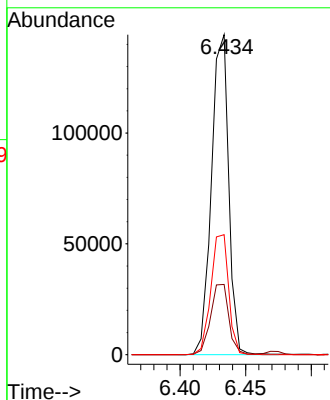
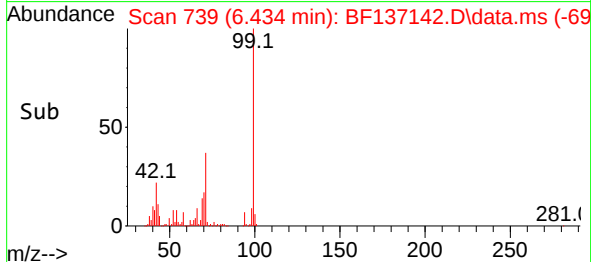
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 132030  
Ion Ratio Lower Upper  
99 100  
42 21.9 17.5 26.3  
71 37.5 31.2 46.8

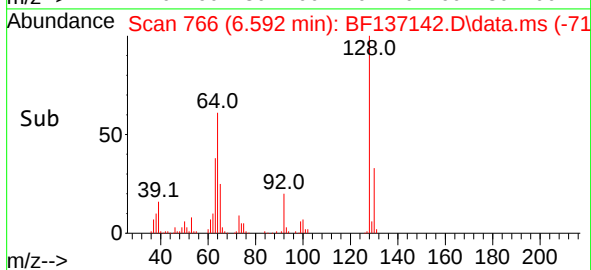
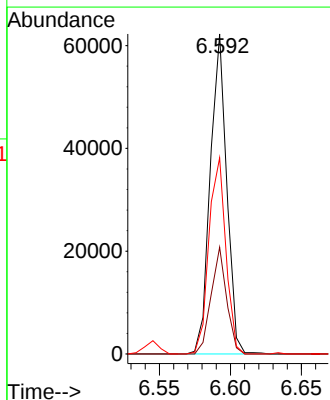
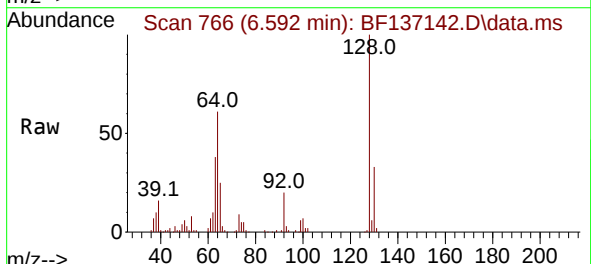
Manual Integrations  
APPROVED

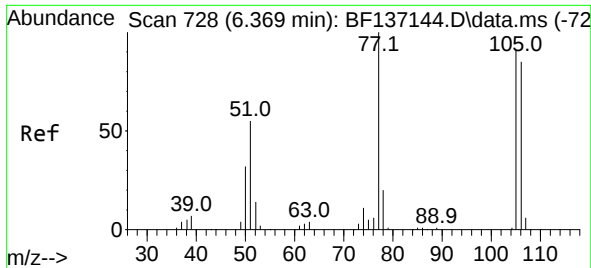
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#8  
2-Chlorophenol  
Concen: 10.128 ng  
RT: 6.592 min Scan# 766  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:128 Resp: 50224  
Ion Ratio Lower Upper  
128 100  
130 33.4 14.1 54.1  
64 61.3 40.6 80.6





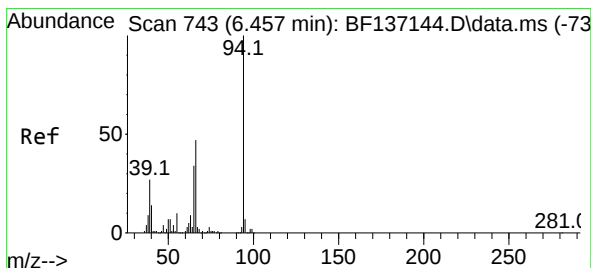
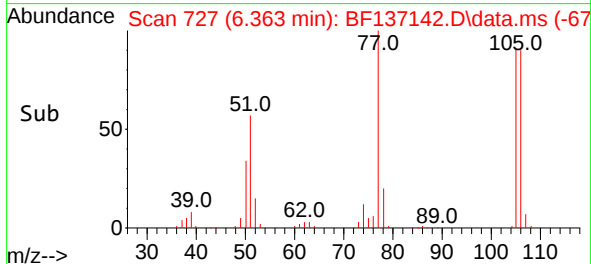
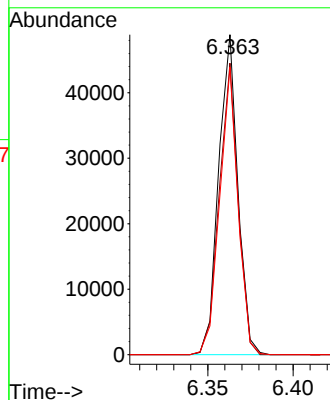
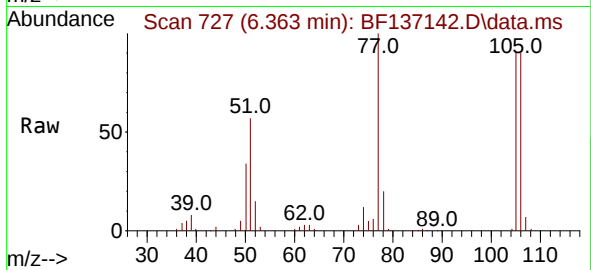
#9  
Benzaldehyde  
Concen: 11.502 ng  
RT: 6.363 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion: 77 Resp: 38329  
Ion Ratio Lower Upper  
77 100  
105 91.1 70.9 110.9  
106 89.9 65.0 105.0

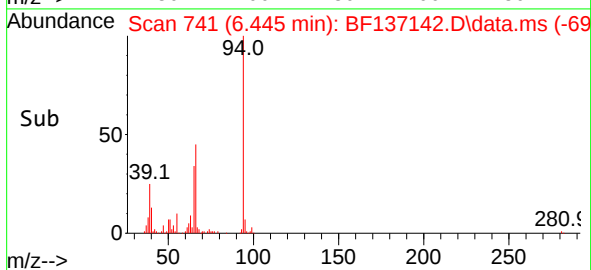
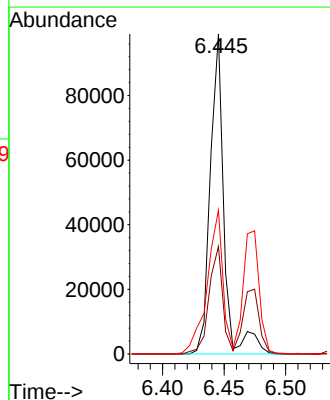
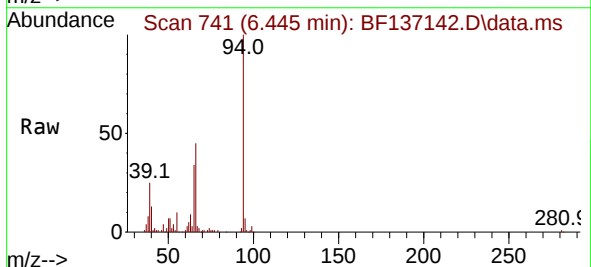
Manual Integrations  
APPROVED

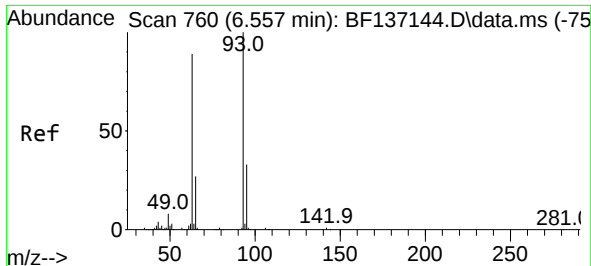
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#10  
Phenol  
Concen: 10.615 ng m  
RT: 6.445 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion: 94 Resp: 77040  
Ion Ratio Lower Upper  
94 100  
65 33.6 14.1 54.1  
66 44.9 26.9 66.9





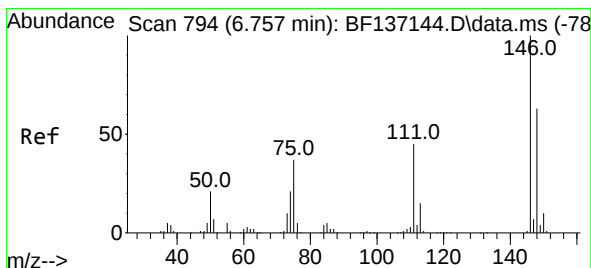
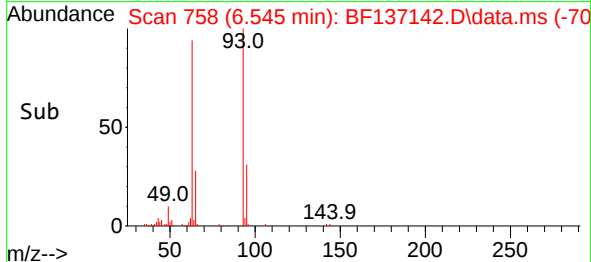
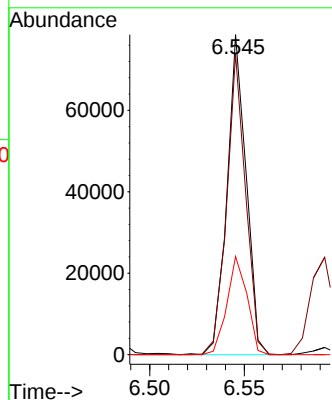
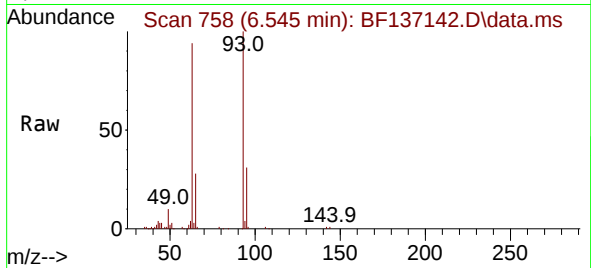
#11  
bis(2-Chloroethyl)ether  
Concen: 10.450 ng  
RT: 6.545 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion: 93 Resp: 5528  
Ion Ratio Lower Upper  
93 100  
63 94.1 69.3 109.3  
95 30.7 12.9 52.9

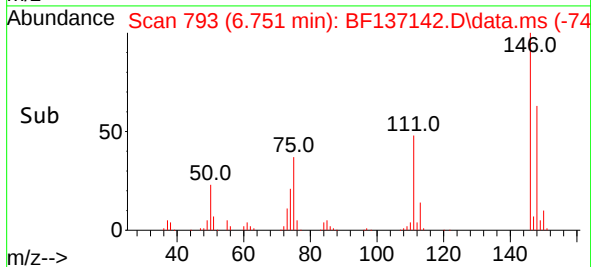
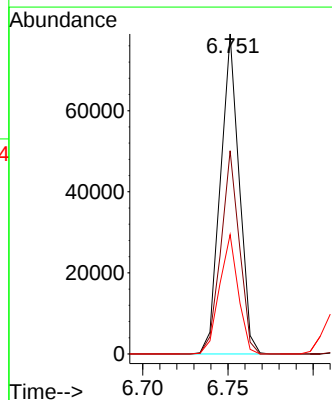
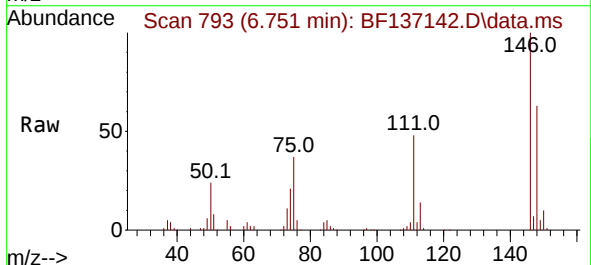
Manual Integrations  
APPROVED

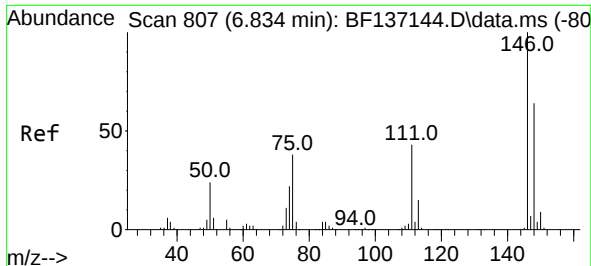
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#12  
1,3-Dichlorobenzene  
Concen: 10.657 ng  
RT: 6.751 min Scan# 793  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:146 Resp: 60371  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.5 75.7  
75 37.3 29.4 44.2





#13

1,4-Dichlorobenzene

Concen: 10.611 ng

RT: 6.828 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 60798

Ion Ratio Lower Upper

146 100

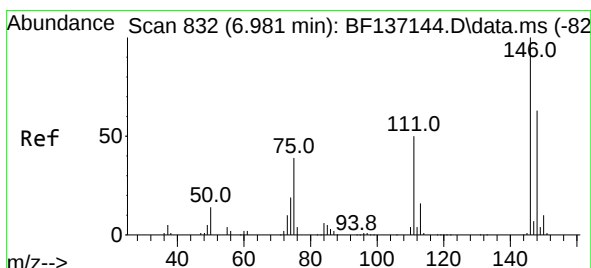
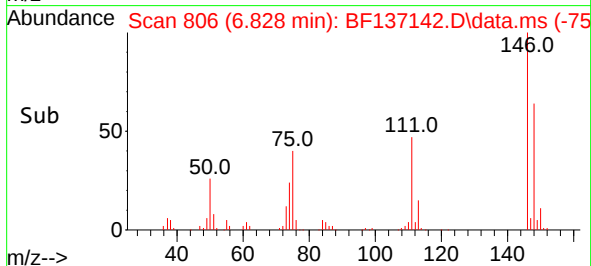
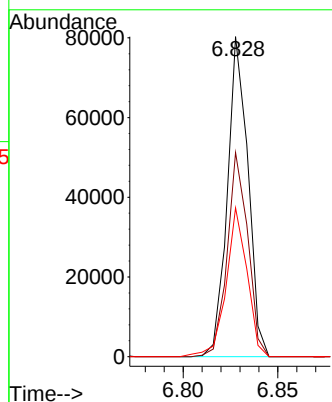
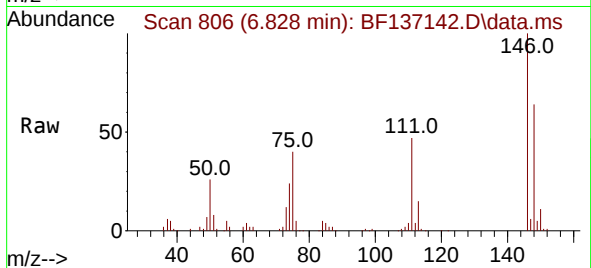
148 63.8 51.6 77.4

111 46.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#14

1,2-Dichlorobenzene

Concen: 10.567 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.000 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

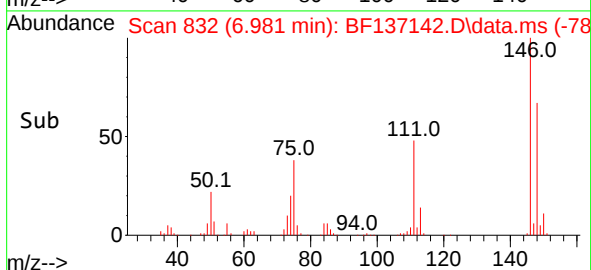
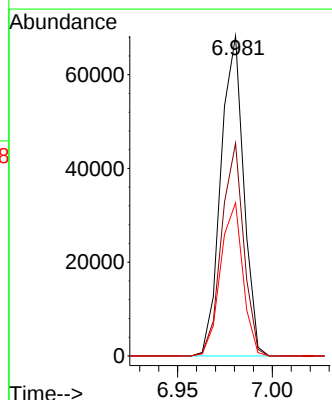
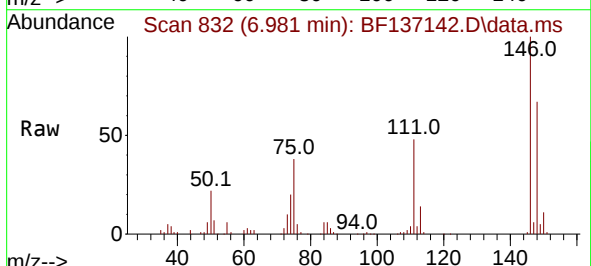
Tgt Ion:146 Resp: 57216

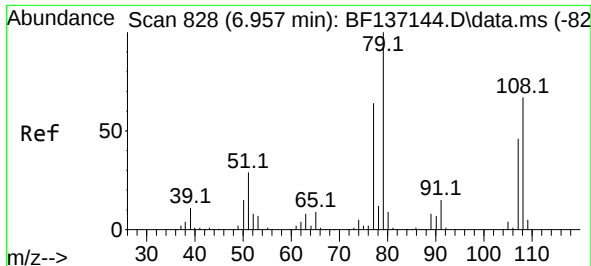
Ion Ratio Lower Upper

146 100

148 66.5 50.4 75.6

111 47.9 39.6 59.4





#15  
Benzyl Alcohol  
Concen: 10.000 ng  
RT: 6.945 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

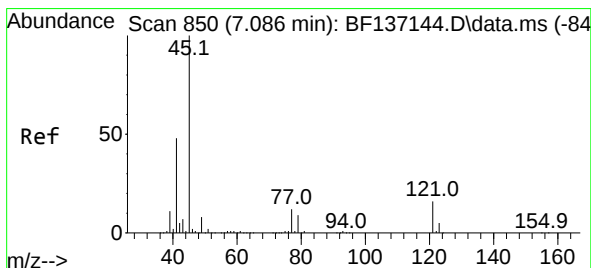
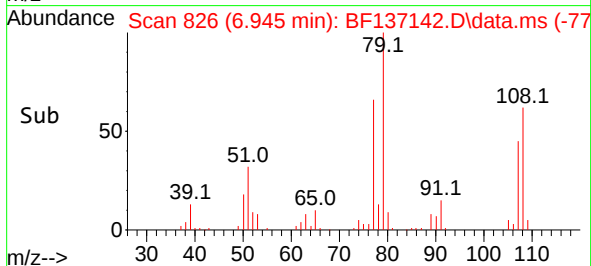
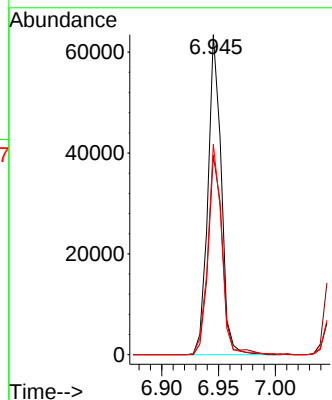
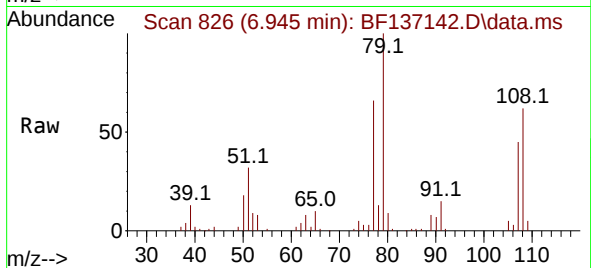
SSTDICC010

Tgt Ion: 79 Resp: 51490  
Ion Ratio Lower Upper  
79 100  
108 62.3 53.3 79.9  
77 65.7 51.1 76.7

Manual Integrations

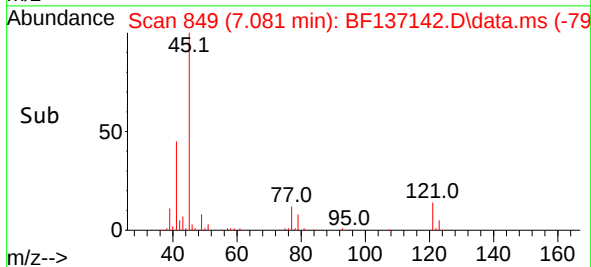
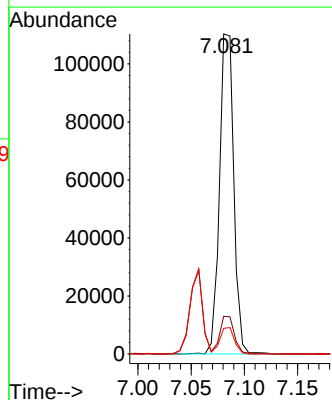
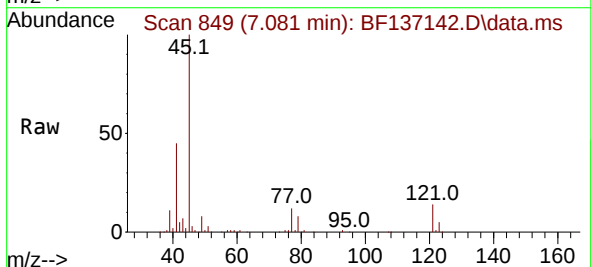
APPROVED

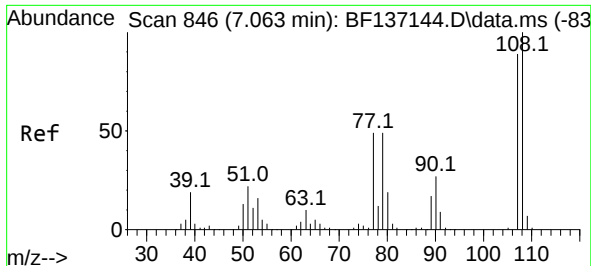
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 11.013 ng  
RT: 7.081 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion: 45 Resp: 102812  
Ion Ratio Lower Upper  
45 100  
77 11.8 0.0 31.9  
79 8.0 0.0 28.9





#17  
2-Methylphenol  
Concen: 10.439 ng  
RT: 7.057 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

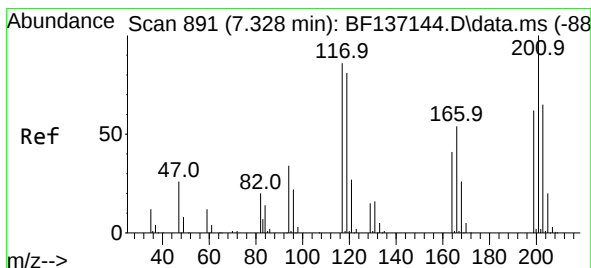
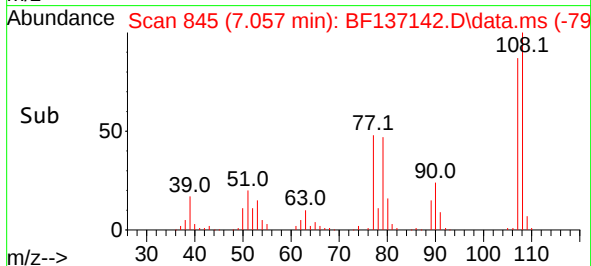
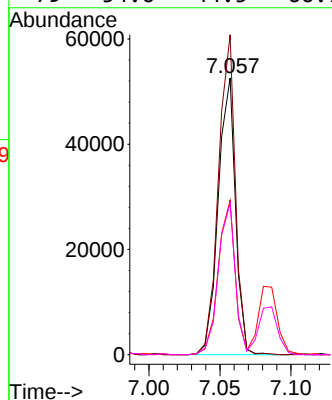
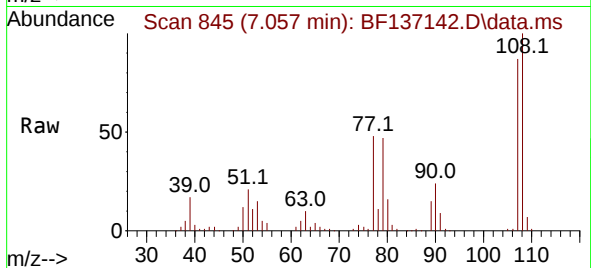
SSTDIC010

Tgt Ion:107 Resp: 4436  
Ion Ratio Lower Upper  
107 100  
108 115.6 89.8 134.6  
77 55.7 44.2 66.4  
79 54.6 44.5 66.7

Manual Integrations

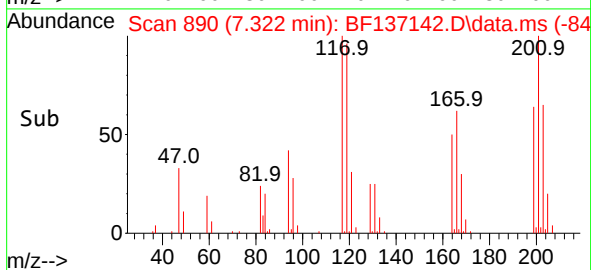
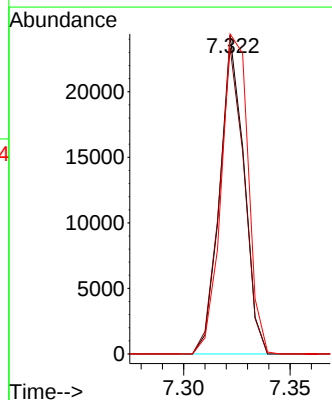
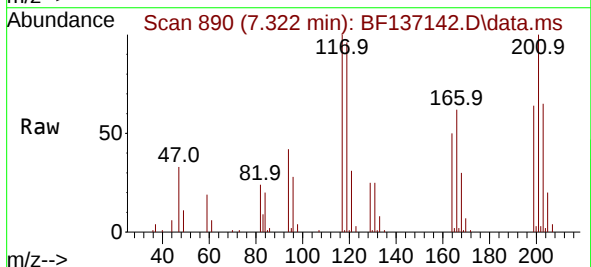
APPROVED

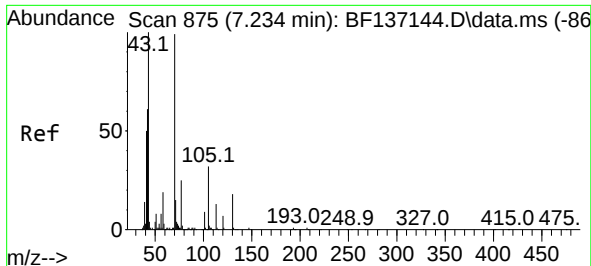
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#18  
Hexachloroethane  
Concen: 9.917 ng  
RT: 7.322 min Scan# 890  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:117 Resp: 19179  
Ion Ratio Lower Upper  
117 100  
119 96.2 75.8 113.6  
201 100.4 93.0 139.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 10.391 ng  
RT: 7.216 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

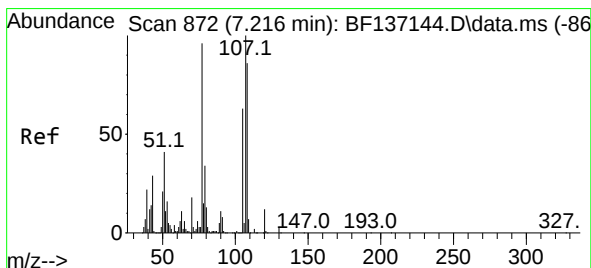
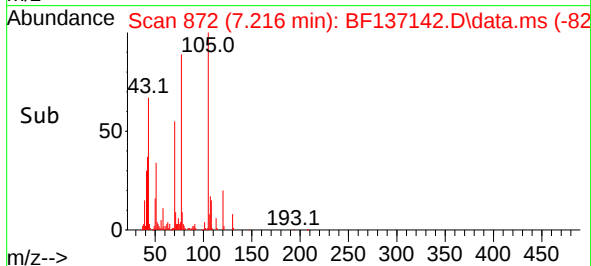
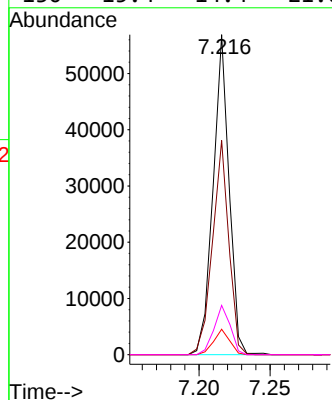
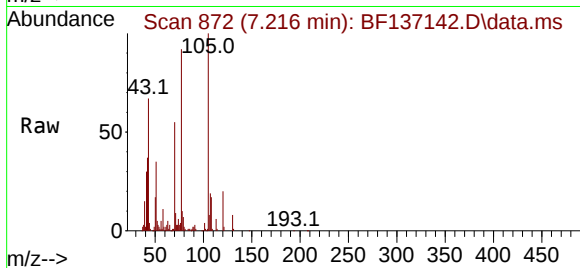
ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 44658  
Ion Ratio Lower Upper  
70 100  
42 66.9 49.3 73.9  
101 7.9 7.4 11.0  
130 15.4 14.4 21.6

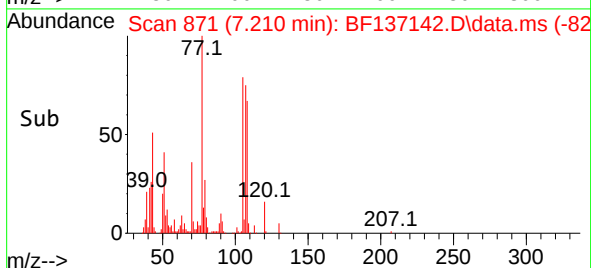
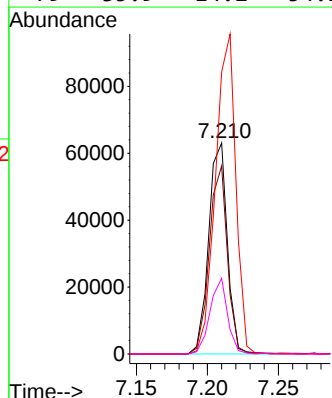
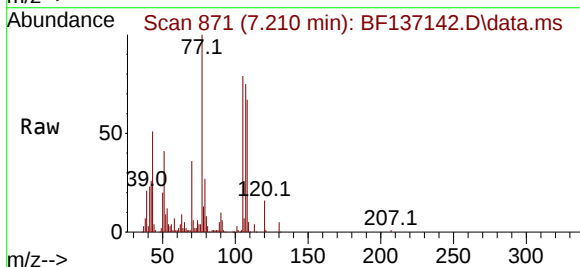
Manual Integrations  
APPROVED

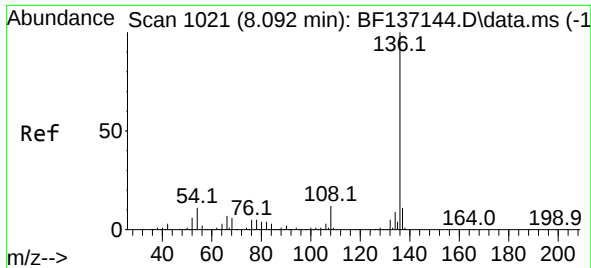
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#20  
3+4-Methylphenols  
Concen: 10.718 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:107 Resp: 57559  
Ion Ratio Lower Upper  
107 100  
108 89.0 66.0 106.0  
77 133.7 76.4 116.4#  
79 35.9 14.2 54.2





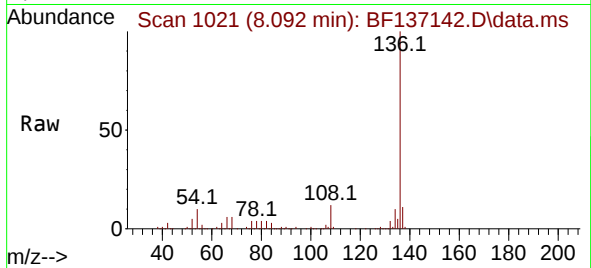
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

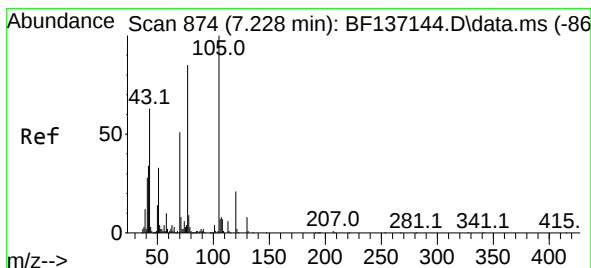
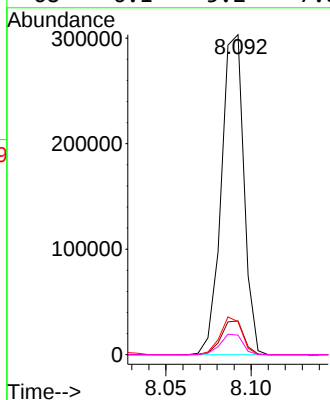
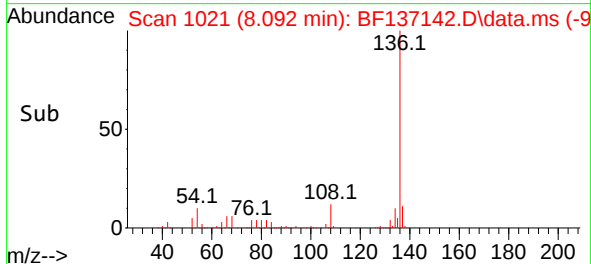


Tgt Ion:136 Resp: 27882  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.7 13.1  
54 10.3 8.8 13.2  
68 6.1 5.2 7.8

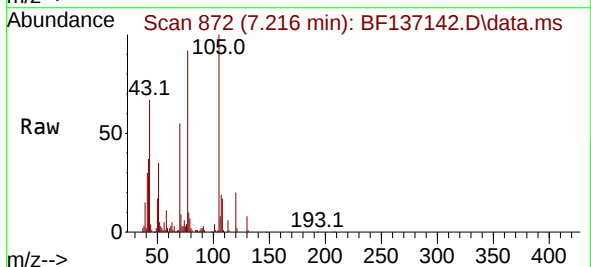
Manual Integrations

APPROVED

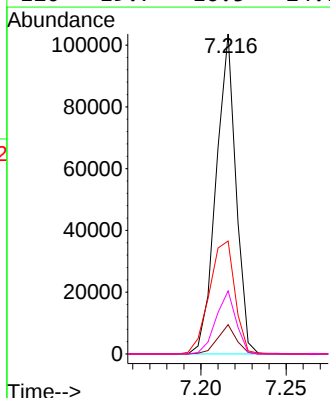
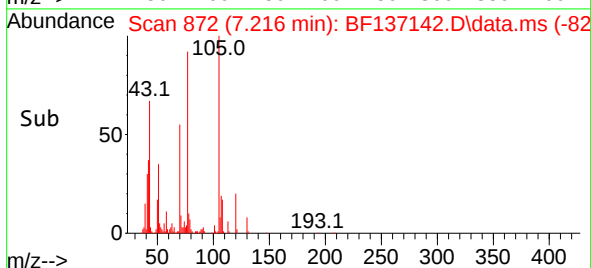
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

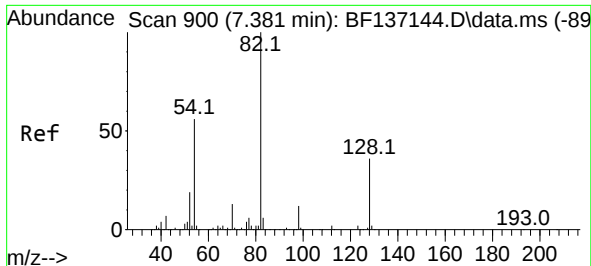


#22  
Acetophenone  
Concen: 10.607 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:105 Resp: 84079  
Ion Ratio Lower Upper  
105 100  
71 9.1 6.3 9.5  
51 35.3 26.1 39.1  
120 19.7 16.5 24.7





#23  
Nitrobenzene-d5  
Concen: 18.395 ng  
RT: 7.369 min Scan# 89  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

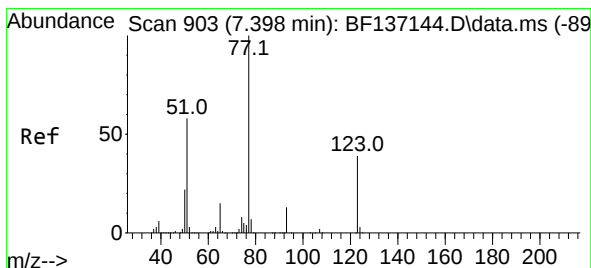
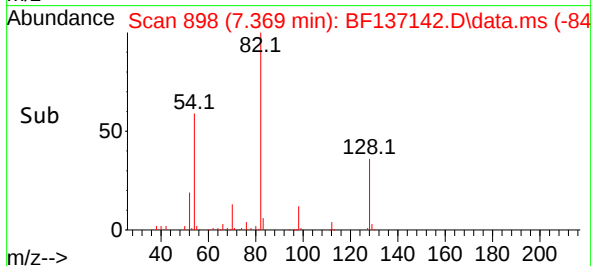
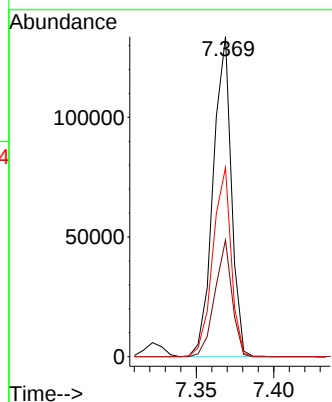
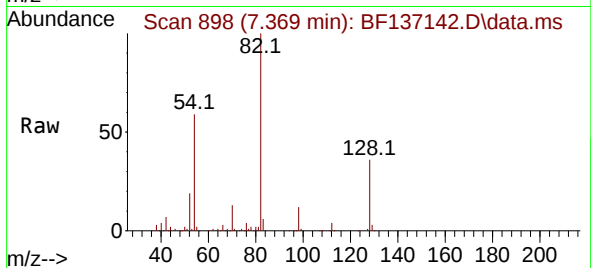
SSTDICC010

Tgt Ion: 82 Resp: 109409  
Ion Ratio Lower Upper  
82 100  
128 36.4 29.0 43.6  
54 59.1 44.6 67.0

Manual Integrations

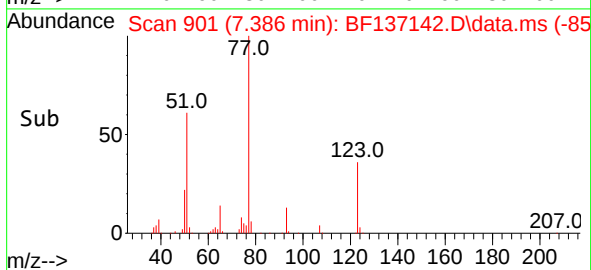
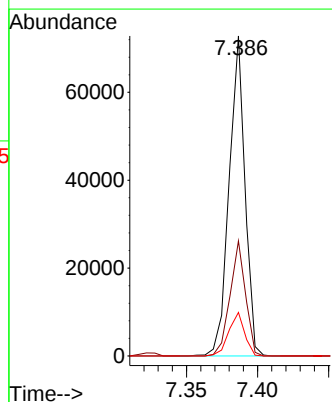
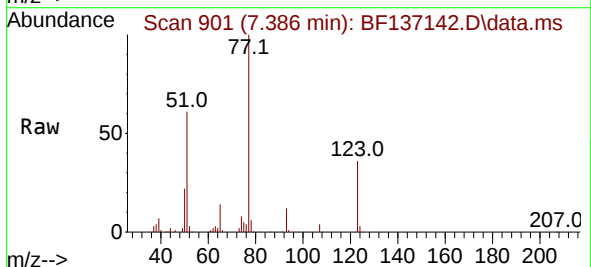
APPROVED

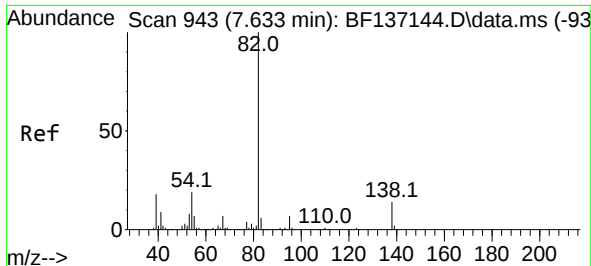
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#24  
Nitrobenzene  
Concen: 9.426 ng  
RT: 7.386 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion: 77 Resp: 56375  
Ion Ratio Lower Upper  
77 100  
123 36.0 31.6 47.4  
65 13.6 11.6 17.4





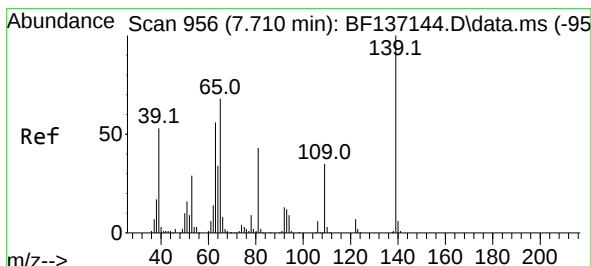
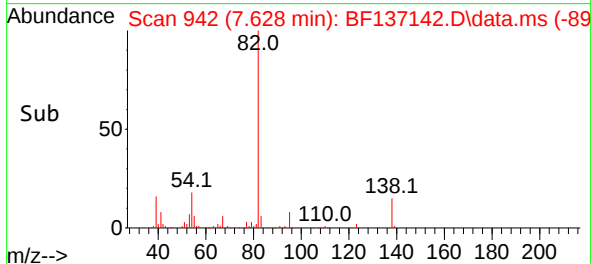
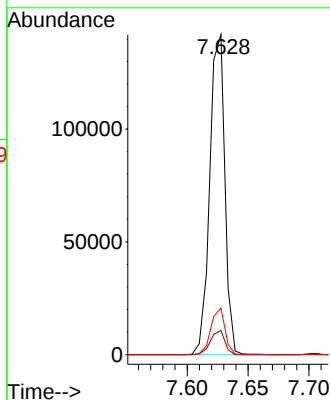
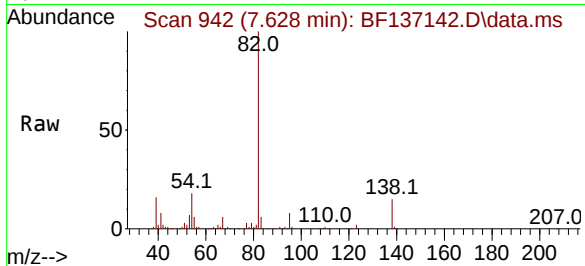
#25  
Isophorone  
Concen: 10.397 ng  
RT: 7.628 min Scan# 943  
Delta R.T. -0.005 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion: 82 Resp: 122110  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.7 8.5  
138 14.6 11.5 17.3

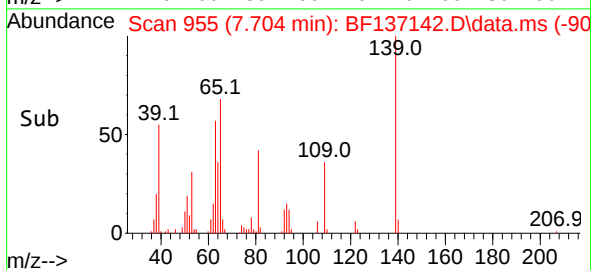
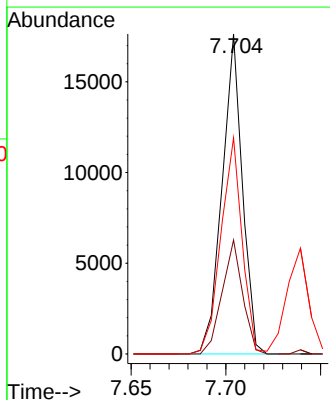
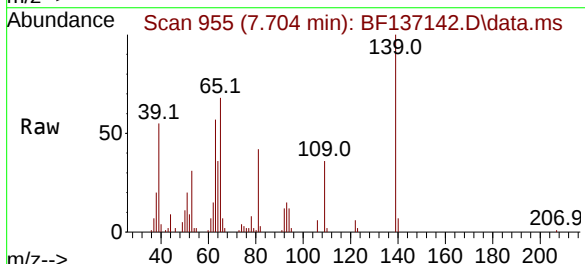
Manual Integrations  
APPROVED

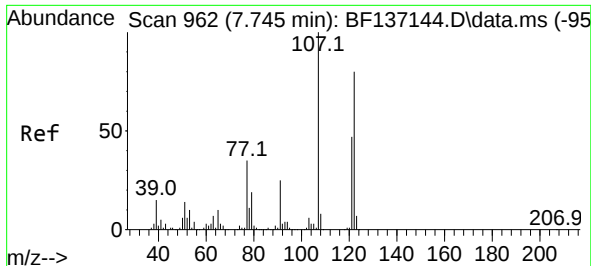
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#26  
2-Nitrophenol  
Concen: 10.113 ng  
RT: 7.704 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:139 Resp: 13144  
Ion Ratio Lower Upper  
139 100  
109 35.6 27.8 41.8  
65 67.5 54.6 82.0





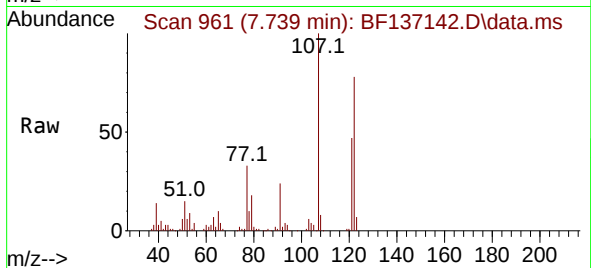
#27  
2,4-Dimethylphenol  
Concen: 10.506 ng  
RT: 7.739 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

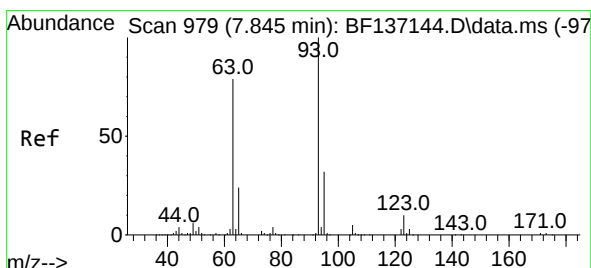
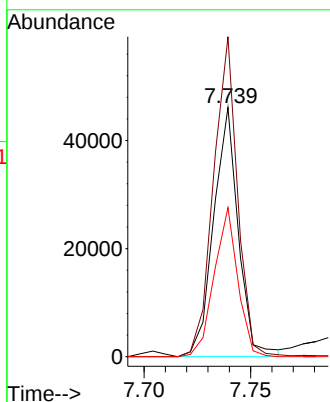
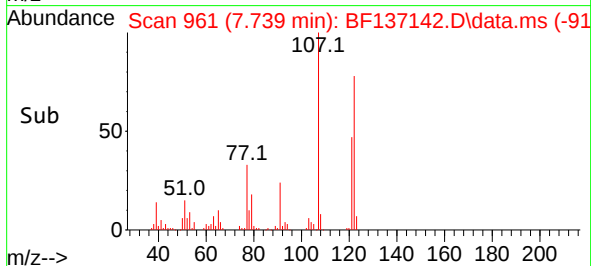


Tgt Ion:122 Resp: 37309  
Ion Ratio Lower Upper  
122 100  
107 128.4 100.2 150.2  
121 59.9 47.2 70.8

Manual Integrations

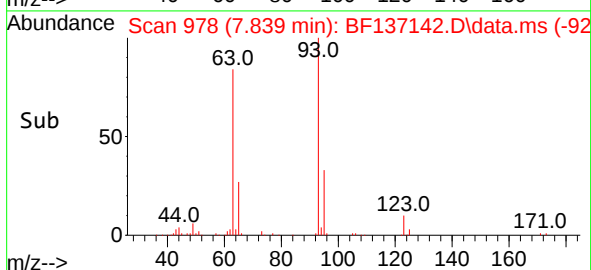
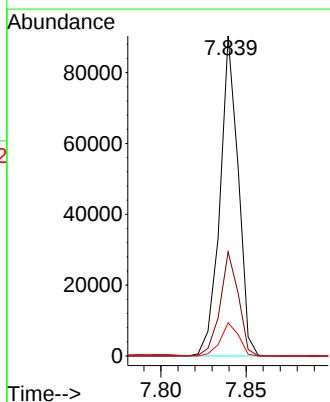
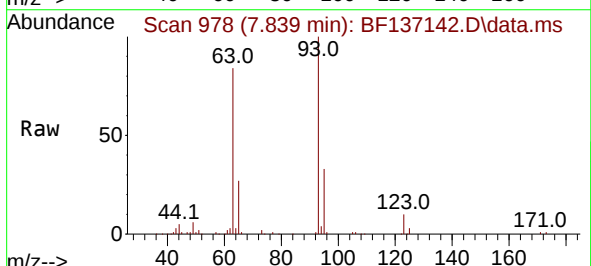
APPROVED

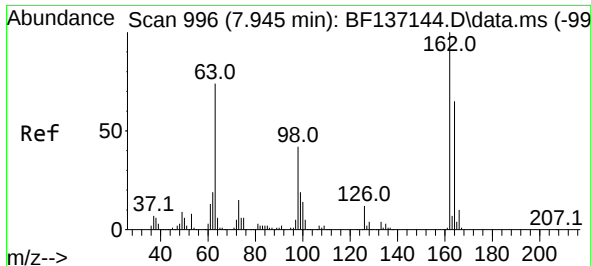
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.145 ng  
RT: 7.839 min Scan# 978  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion: 93 Resp: 67133  
Ion Ratio Lower Upper  
93 100  
95 32.5 25.9 38.9  
123 10.3 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 10.067 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

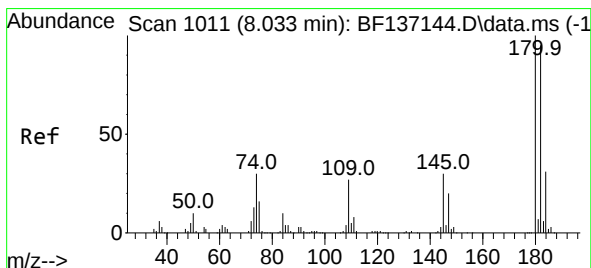
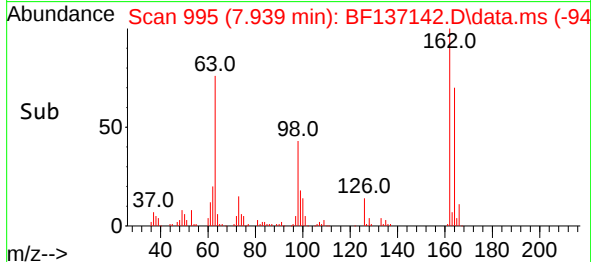
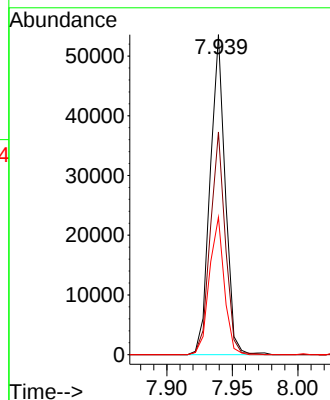
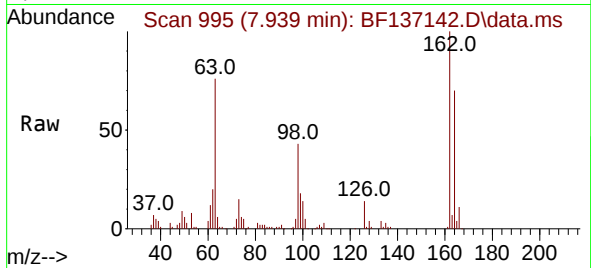
SSTDICC010

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 42975     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 69.6  | 44.9 84.9 |
| 98          | 43.0  | 22.4 62.4 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.497 ng

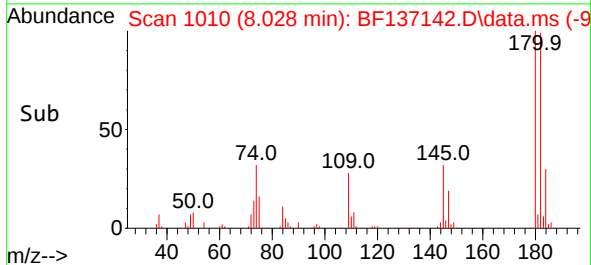
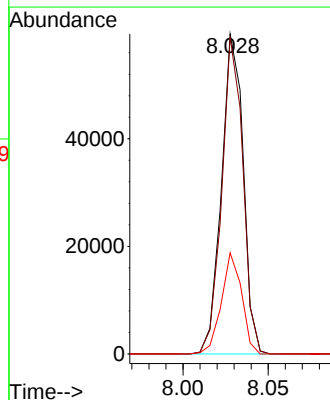
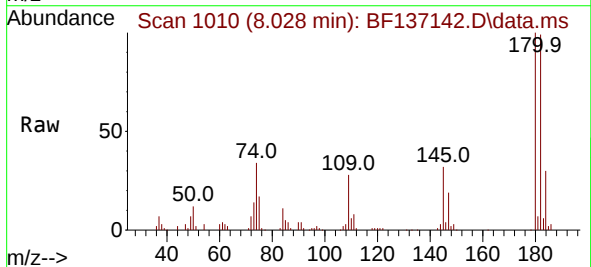
RT: 8.028 min Scan# 1010

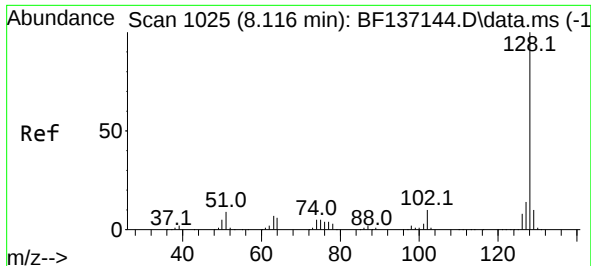
Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 52767      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 99.0  | 76.2 114.4 |
| 145         | 31.6  | 24.4 36.6  |





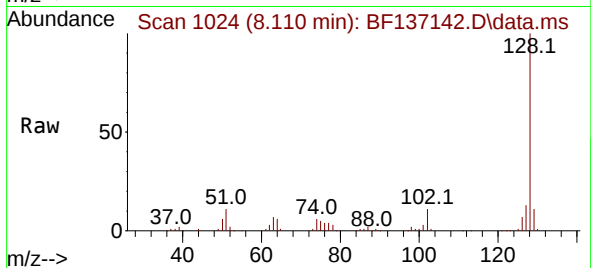
#31  
Naphthalene  
Concen: 10.647 ng  
RT: 8.110 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

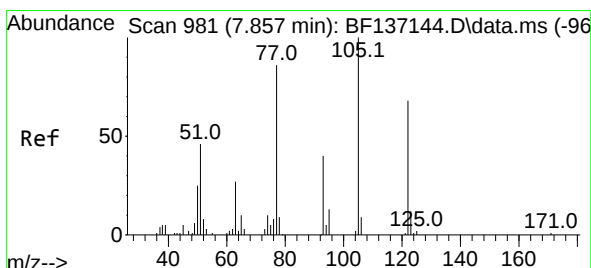
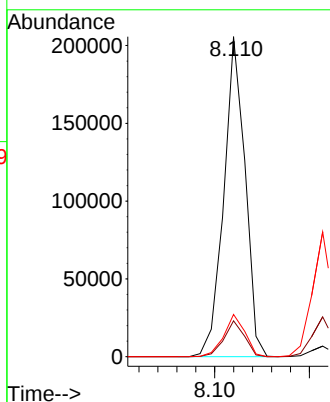
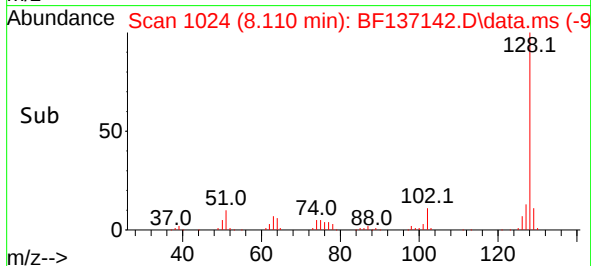


Tgt Ion:128 Resp: 160297  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.4 12.6  
127 13.2 10.8 16.2

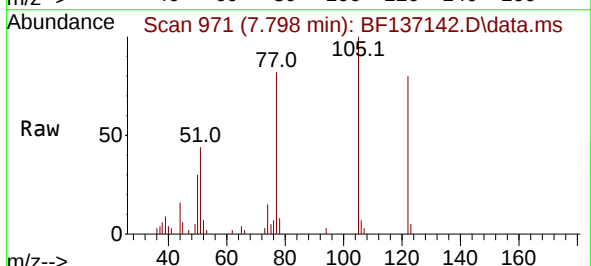
Manual Integrations

APPROVED

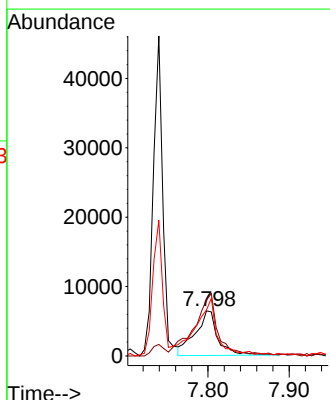
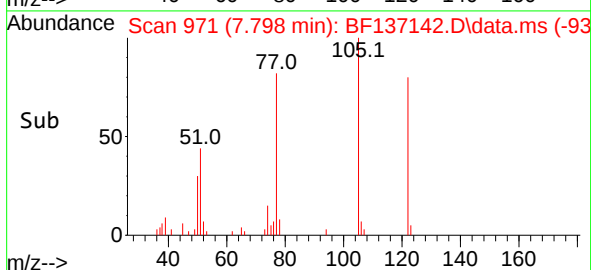
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

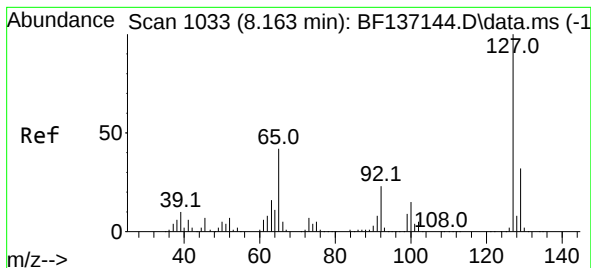


#32  
Benzoic acid  
Concen: 12.380 ng  
RT: 7.798 min Scan# 971  
Delta R.T. -0.059 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:122 Resp: 12459  
Ion Ratio Lower Upper  
122 100  
105 124.7 123.2 163.2  
77 102.2 107.6 147.6#





#33

4-Chloroaniline

Concen: 10.371 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

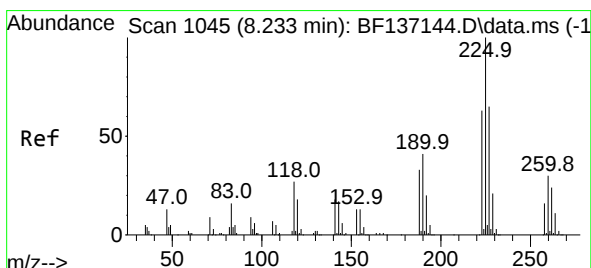
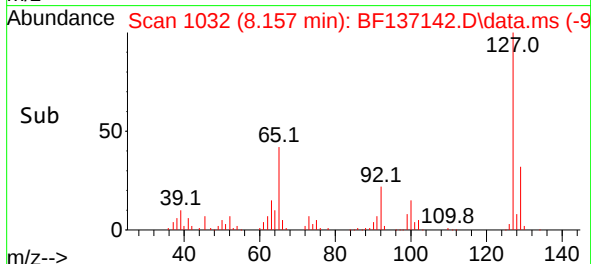
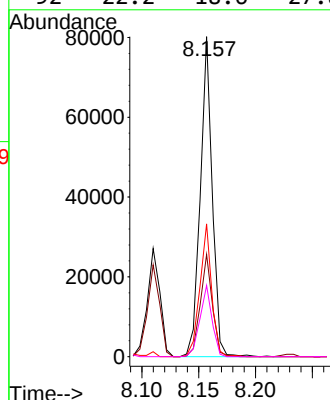
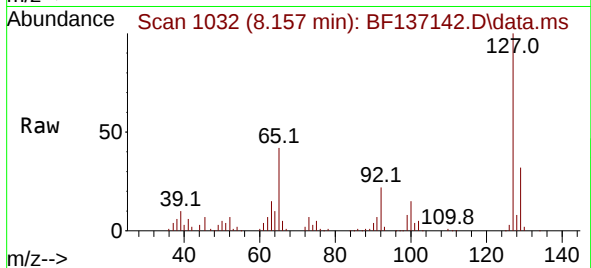
SSTDICC010

|             |             |
|-------------|-------------|
| Tgt Ion:127 | Resp: 58950 |
| Ion Ratio   | Lower Upper |
| 127 100     |             |
| 129 31.9    | 25.6 38.4   |
| 65 41.5     | 33.8 50.6   |
| 92 22.2     | 18.6 27.8   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#34

Hexachlorobutadiene

Concen: 10.660 ng

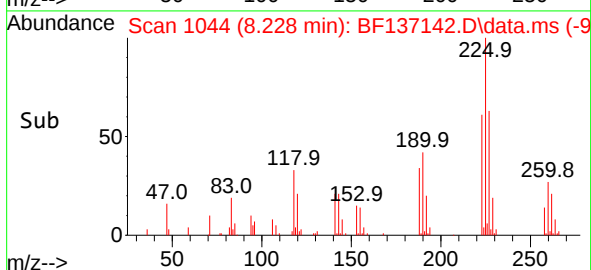
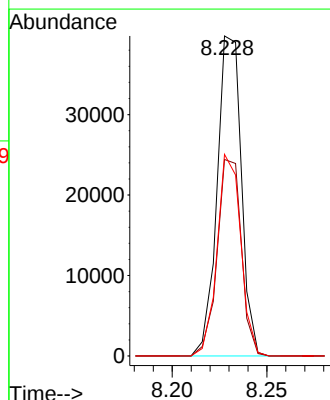
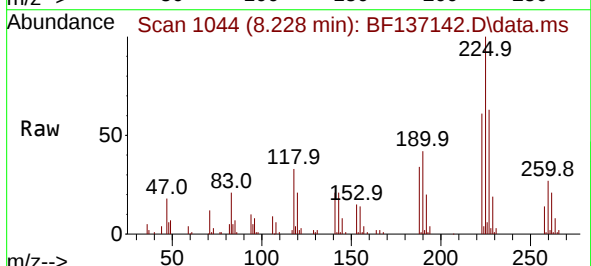
RT: 8.228 min Scan# 1044

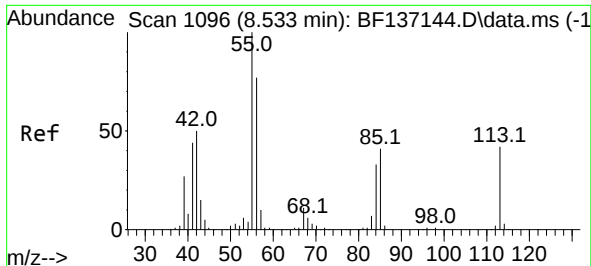
Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 35466 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 61.4    | 50.7 76.1   |
| 227 63.0    | 52.0 78.0   |





#35  
 Caprolactam  
 Concen: 9.712 ng  
 RT: 8.492 min Scan# 1096  
 Delta R.T. -0.041 min  
 Lab File: BF137142.D  
 Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

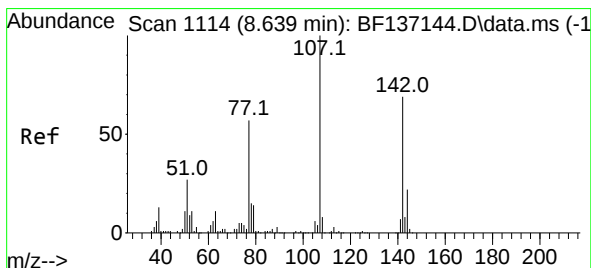
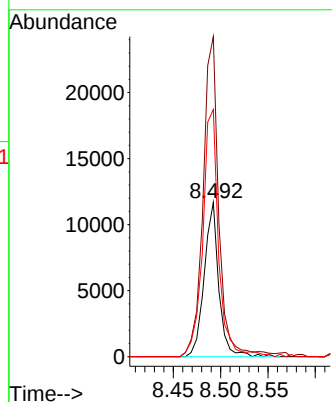
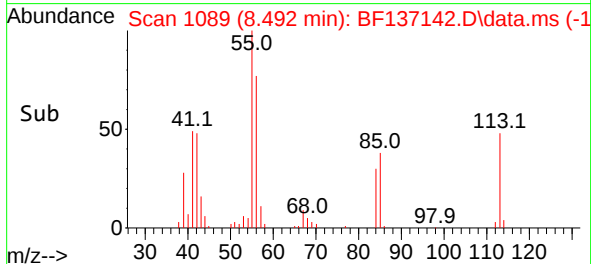
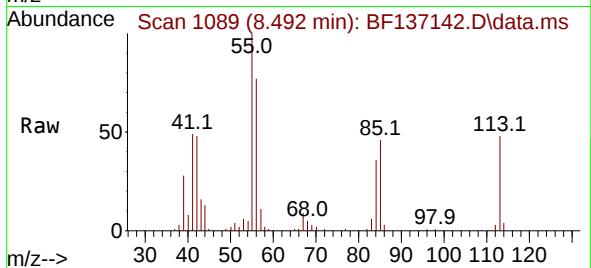
SSTDICC010

Tgt Ion:113 Resp: 12508  
 Ion Ratio Lower Upper  
 113 100  
 55 207.6 215.7 255.7  
 56 160.3 160.8 200.8

Manual Integrations

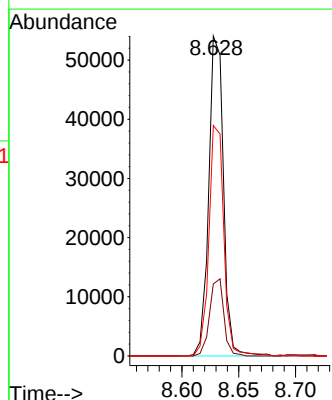
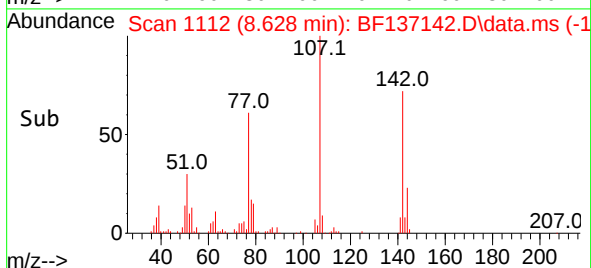
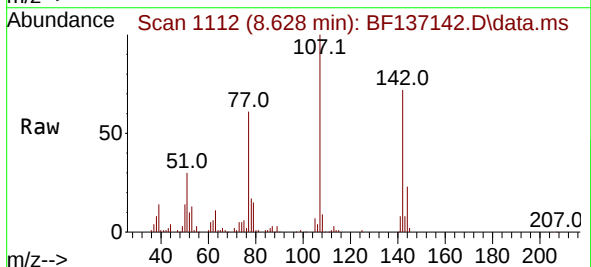
APPROVED

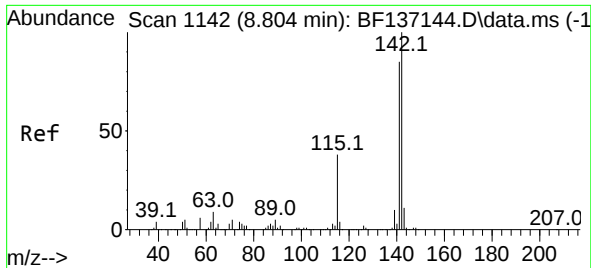
Reviewed By :Jagrut Upadhyay 01/26/2024  
 Supervised By :mohammad ahmed 01/29/2024



#36  
 4-Chloro-3-methylphenol  
 Concen: 10.001 ng  
 RT: 8.628 min Scan# 1112  
 Delta R.T. -0.012 min  
 Lab File: BF137142.D  
 Acq: 25 Jan 2024 11:54

Tgt Ion:107 Resp: 48629  
 Ion Ratio Lower Upper  
 107 100  
 144 22.5 17.8 26.6  
 142 72.0 54.8 82.2





#37  
2-Methylnaphthalene  
Concen: 10.586 ng  
RT: 8.798 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

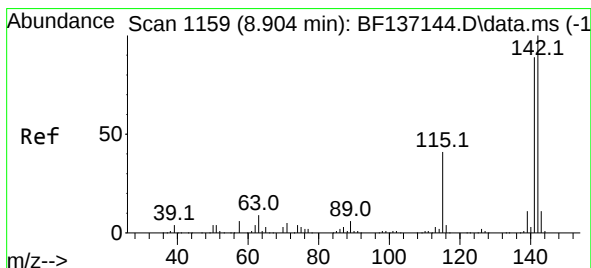
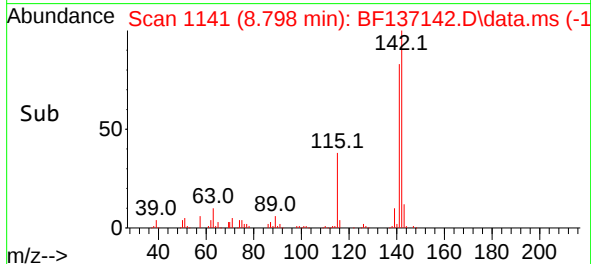
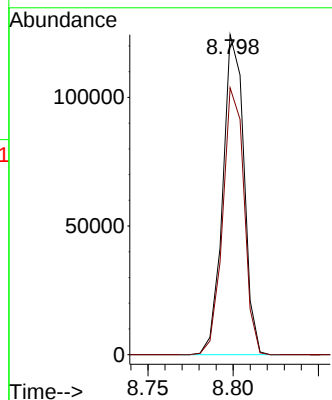
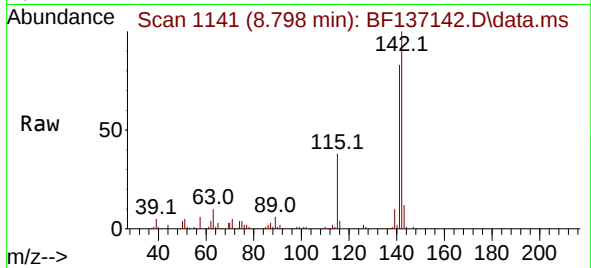
SSTDICC010

Tgt Ion:142 Resp: 10734  
Ion Ratio Lower Upper  
142 100  
141 83.4 67.8 101.6

Manual Integrations

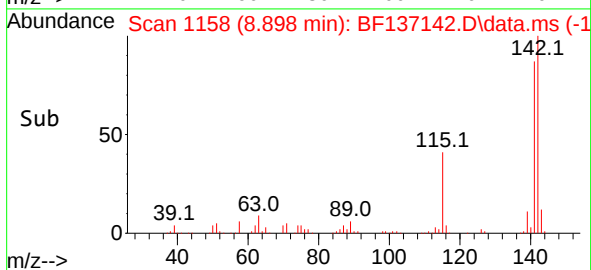
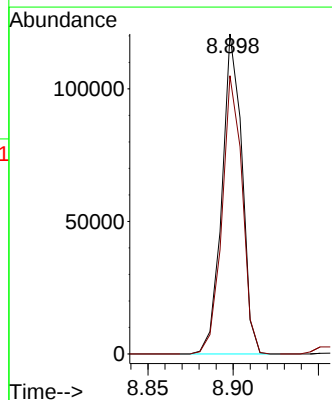
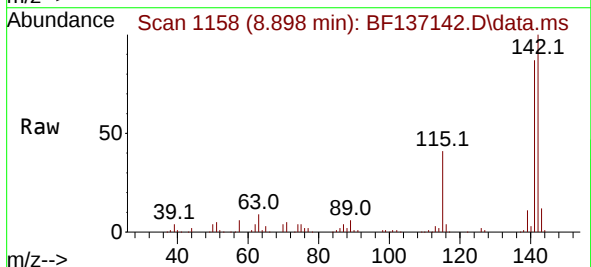
APPROVED

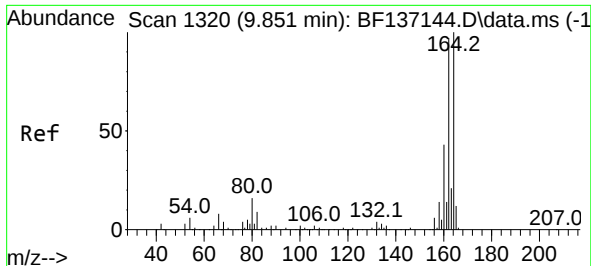
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#38  
1-Methylnaphthalene  
Concen: 10.435 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:142 Resp: 98318  
Ion Ratio Lower Upper  
142 100  
141 87.0 71.0 106.6





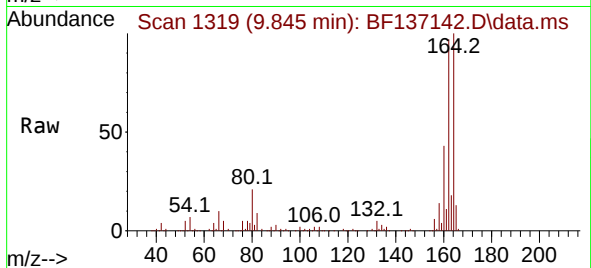
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

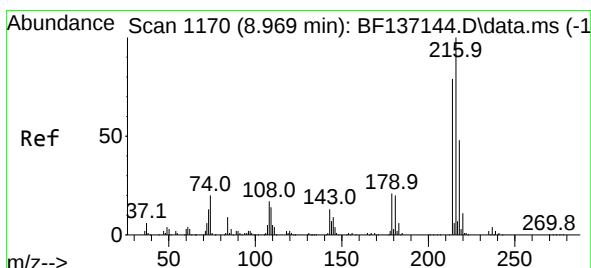
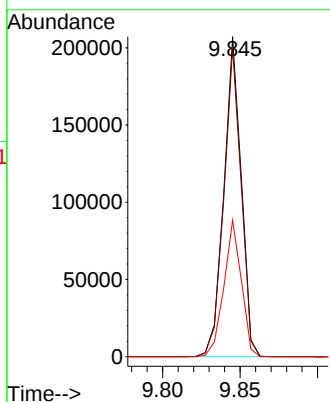
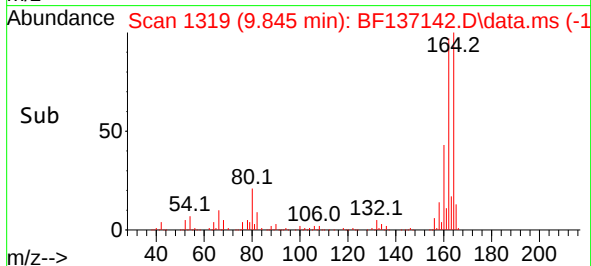


Tgt Ion:164 Resp: 161089  
Ion Ratio Lower Upper  
164 100  
162 96.6 77.5 116.3  
160 42.7 34.7 52.1

Manual Integrations

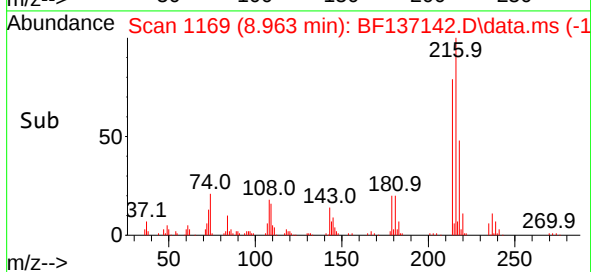
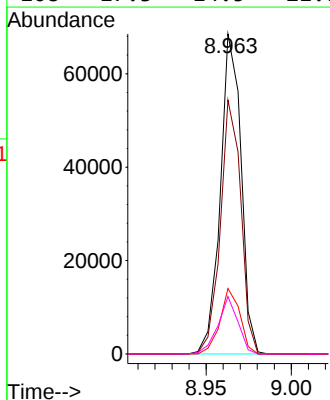
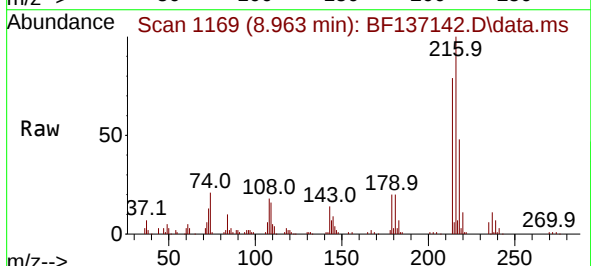
APPROVED

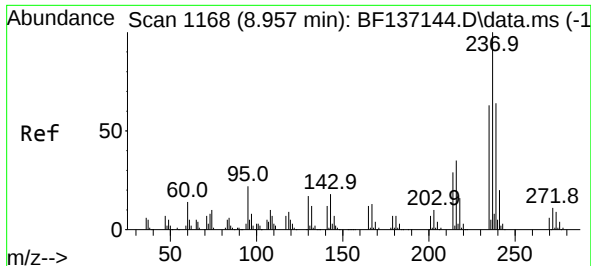
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.562 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

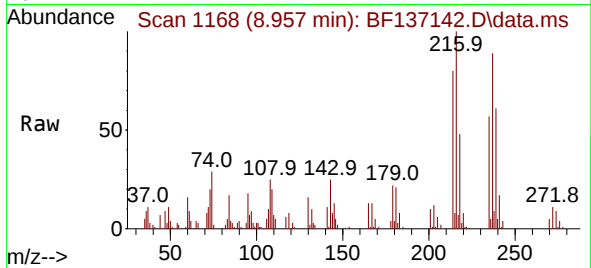
Tgt Ion:216 Resp: 57839  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.1 94.7  
179 19.7 16.2 24.4  
108 17.3 14.5 21.7





#41  
Hexachlorocyclopentadiene  
Concen: 7.940 ng  
RT: 8.957 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

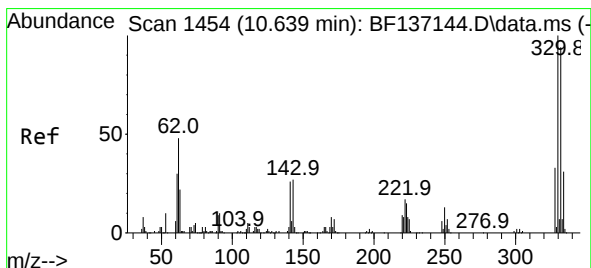
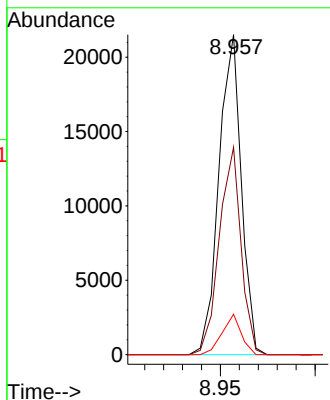
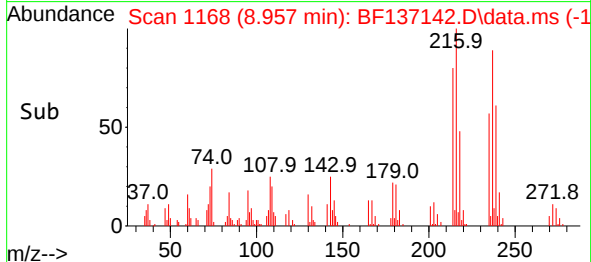
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



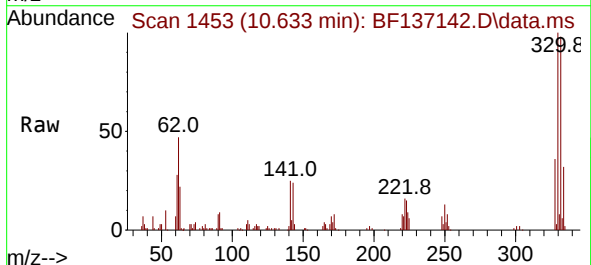
Tgt Ion:237 Resp: 17674  
Ion Ratio Lower Upper  
237 100  
235 64.8 42.9 82.9  
272 12.6 0.0 31.3

Manual Integrations  
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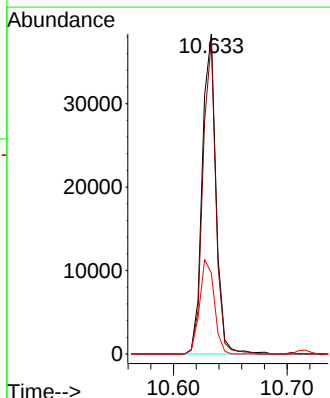
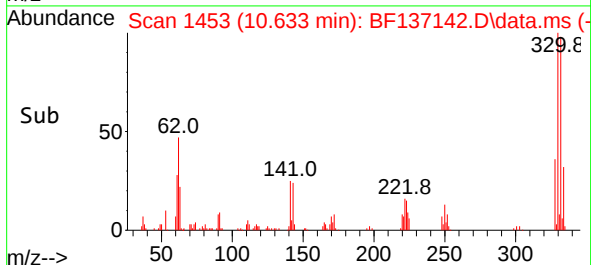
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

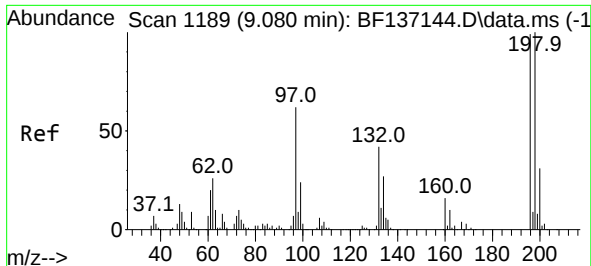


#42  
2,4,6-Tribromophenol  
Concen: 19.025 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:330 Resp: 32238  
Ion Ratio Lower Upper  
330 100  
332 92.4 75.4 113.0  
141 31.3 24.8 37.2





#43  
2,4,6-Trichlorophenol  
Concen: 9.938 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

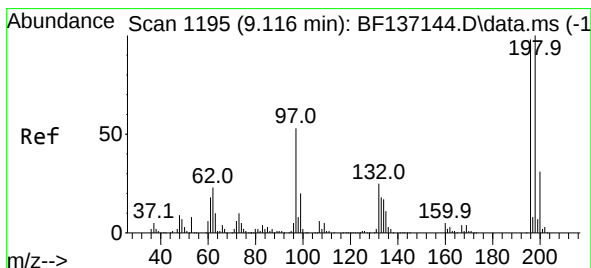
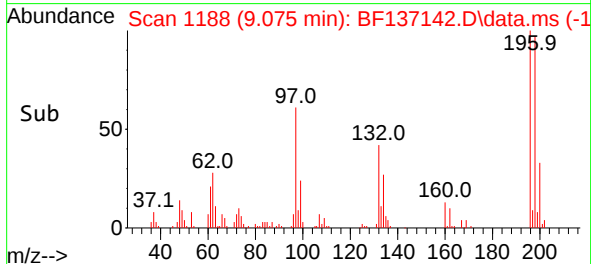
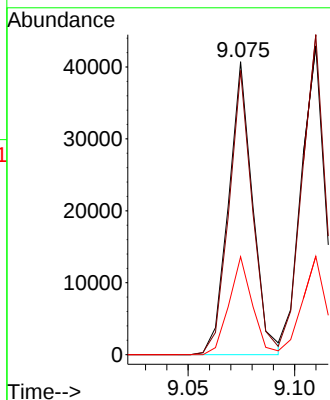
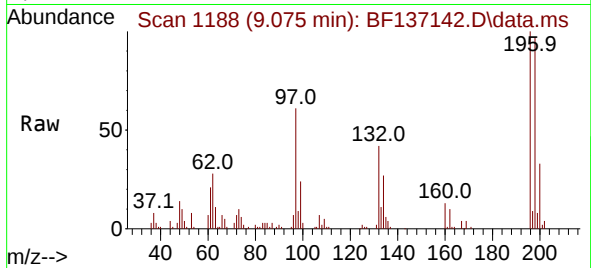
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Tgt Ion:196 Resp: 3200  
Ion Ratio Lower Upper  
196 100  
198 97.0 80.6 121.0  
200 33.4 25.0 37.6

Manual Integrations

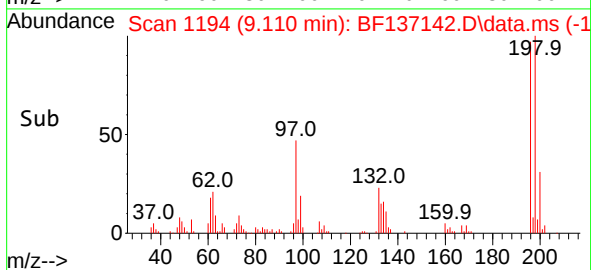
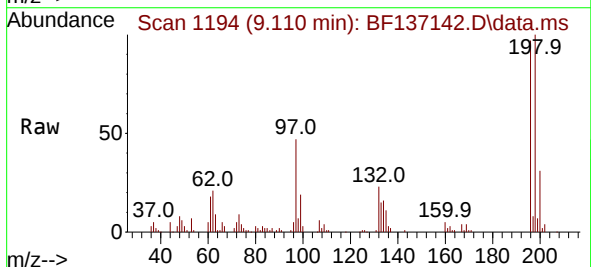
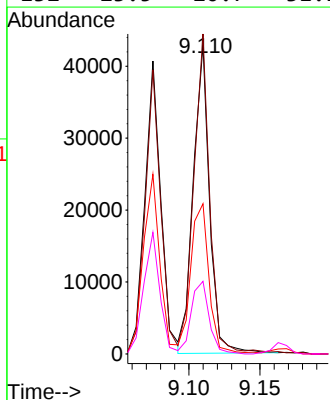
APPROVED

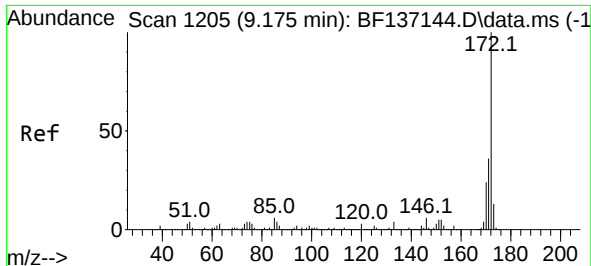
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#44  
2,4,5-Trichlorophenol  
Concen: 9.886 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:196 Resp: 34165  
Ion Ratio Lower Upper  
196 100  
198 103.6 81.7 122.5  
97 48.6 43.9 65.9  
132 23.5 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 21.935 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.012 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 253810

Ion Ratio Lower Upper

172 100

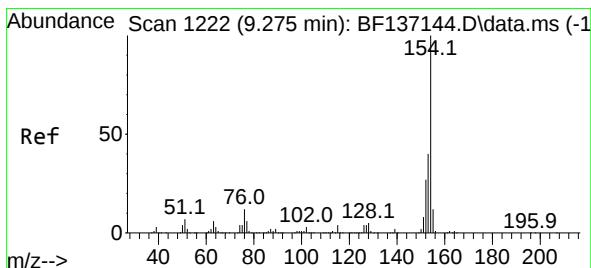
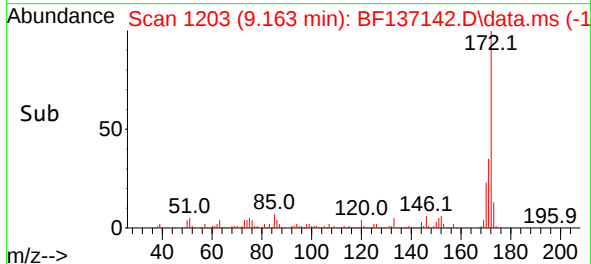
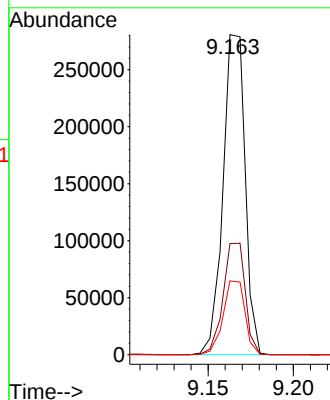
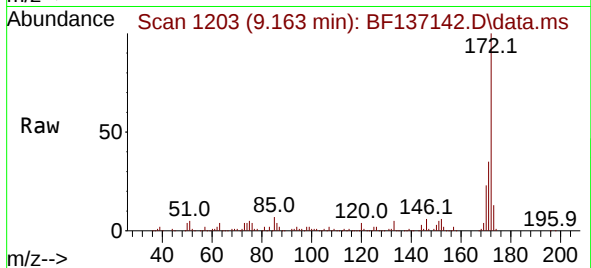
171 34.7 28.6 43.0

170 23.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#46

1,1'-Biphenyl

Concen: 10.756 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

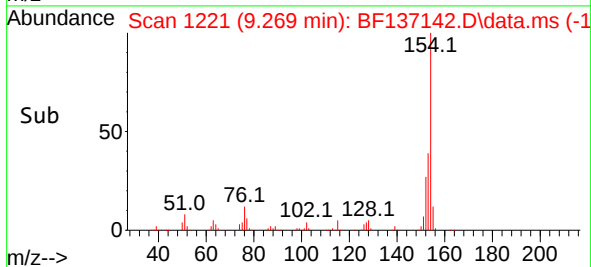
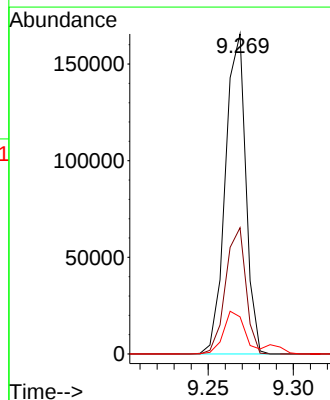
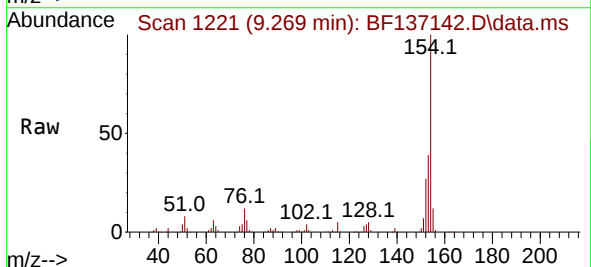
Tgt Ion:154 Resp: 138132

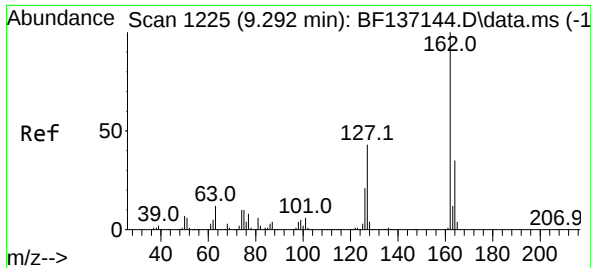
Ion Ratio Lower Upper

154 100

153 39.5 20.4 60.4

76 11.6 0.0 31.9





#47  
2-Chloronaphthalene  
Concen: 10.459 ng  
RT: 9.286 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

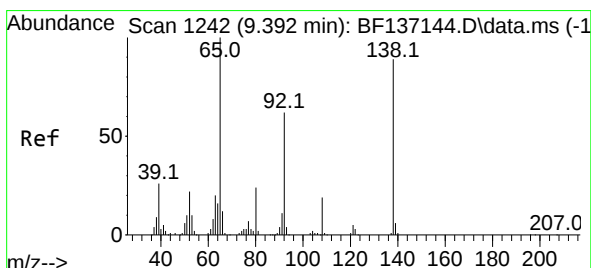
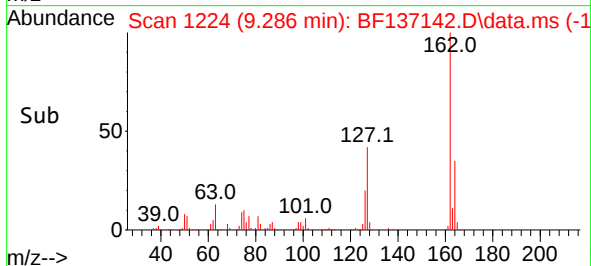
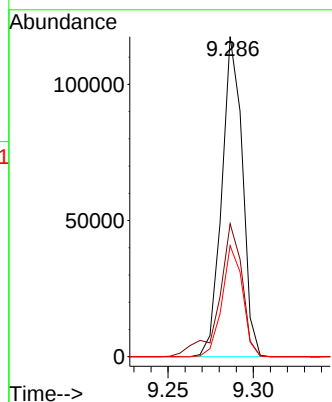
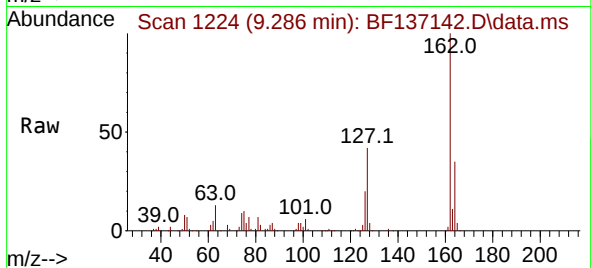
SSTDICC010

Tgt Ion:162 Resp: 9887  
Ion Ratio Lower Upper  
162 100  
127 41.5 34.6 52.0  
164 34.7 27.7 41.5

Manual Integrations

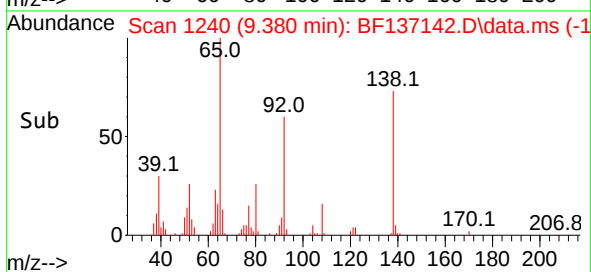
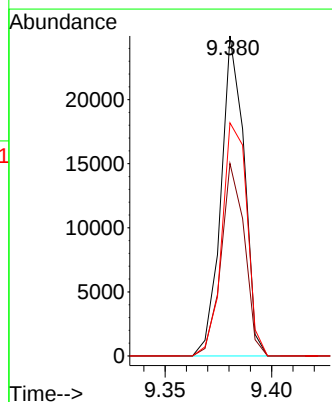
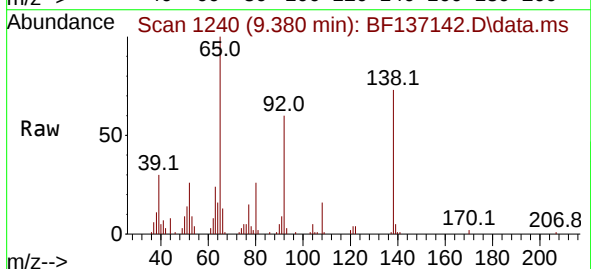
APPROVED

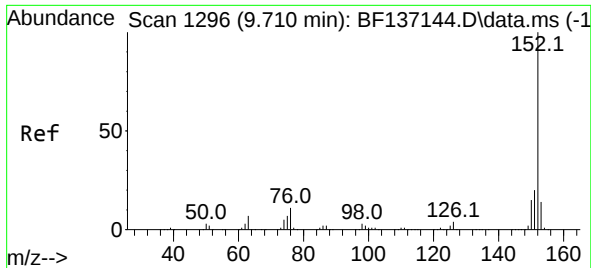
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#48  
2-Nitroaniline  
Concen: 9.595 ng  
RT: 9.380 min Scan# 1240  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion: 65 Resp: 18875  
Ion Ratio Lower Upper  
65 100  
92 60.2 49.4 74.2  
138 72.9 70.8 106.2





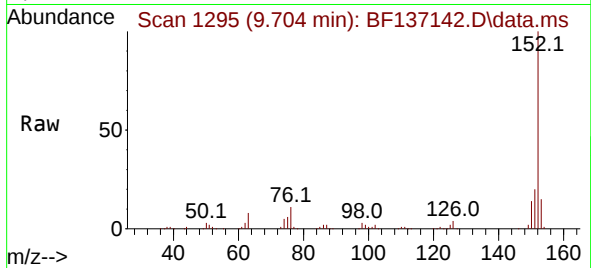
#49  
Acenaphthylene  
Concen: 10.438 ng  
RT: 9.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

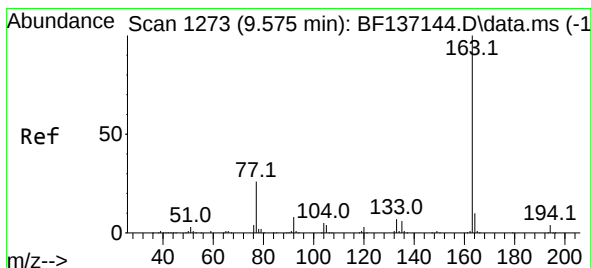
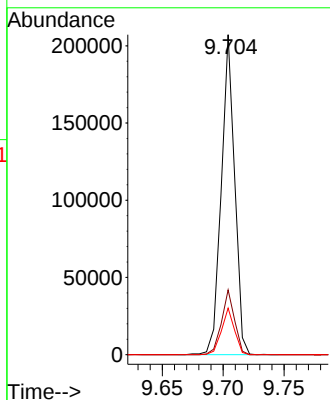
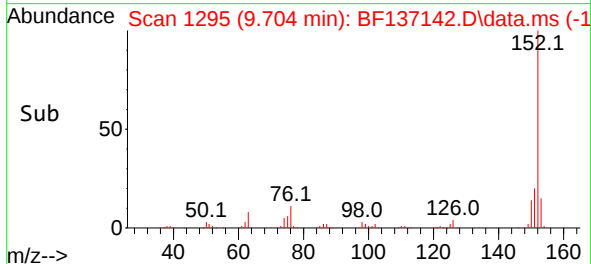


Tgt Ion:152 Resp: 158600  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 14.5 11.4 17.2

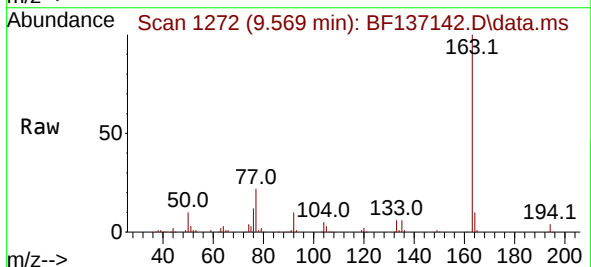
Manual Integrations

APPROVED

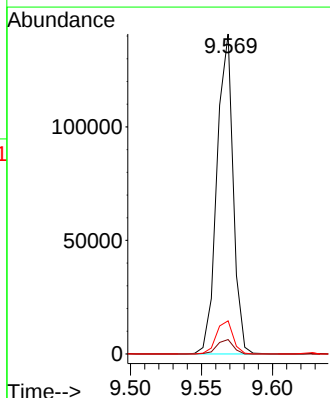
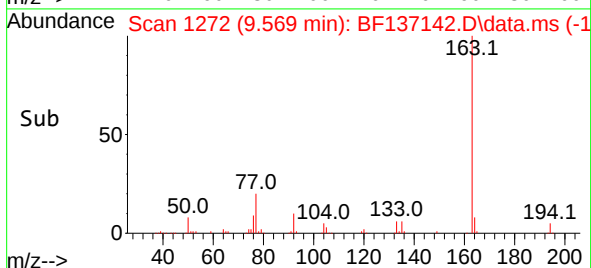
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

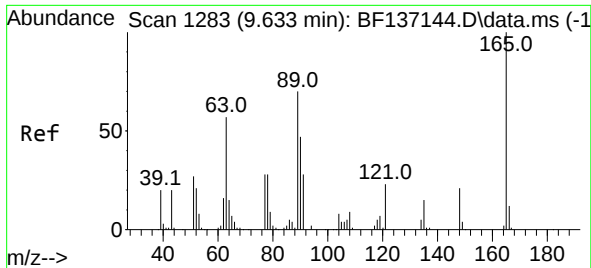


#50  
Dimethylphthalate  
Concen: 10.231 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:163 Resp: 111614  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.3 4.9  
164 10.3 8.4 12.6





#51  
2,6-Dinitrotoluene  
Concen: 9.512 ng  
RT: 9.627 min Scan# 1282  
Delta R.T. -0.005 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

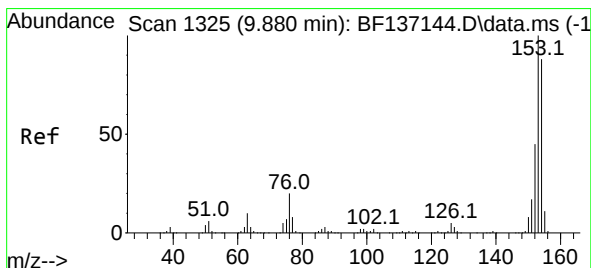
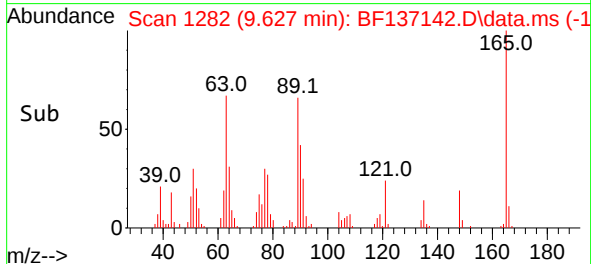
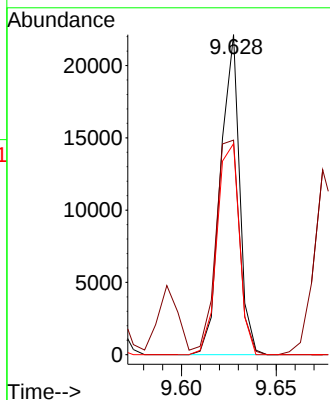
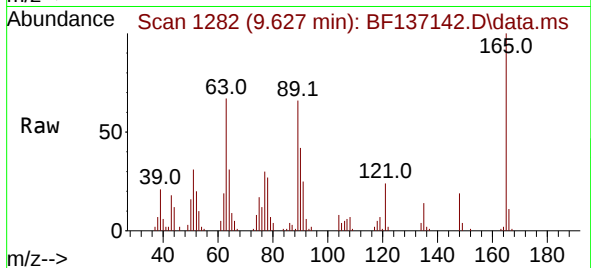
SSTDICC010

Tgt Ion:165 Resp: 15470  
Ion Ratio Lower Upper  
165 100  
63 67.1 64.4 96.6  
89 66.0 55.7 83.5

Manual Integrations

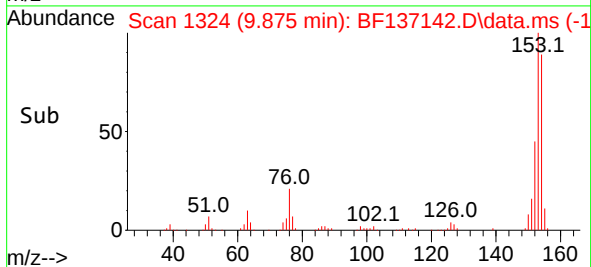
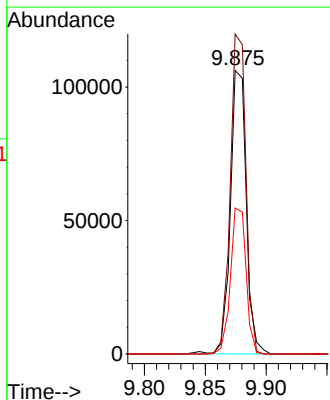
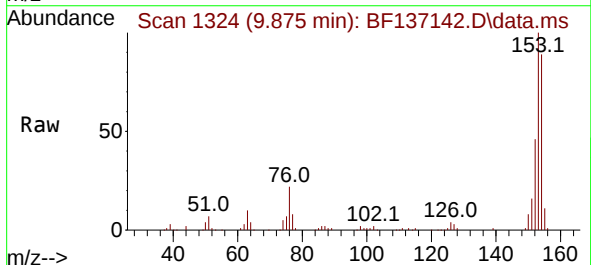
APPROVED

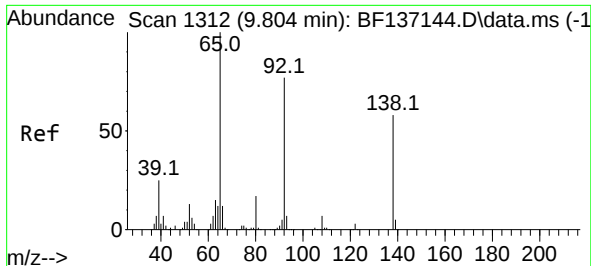
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#52  
Acenaphthene  
Concen: 10.229 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:154 Resp: 96187  
Ion Ratio Lower Upper  
154 100  
153 112.8 91.0 136.6  
152 51.4 41.2 61.8





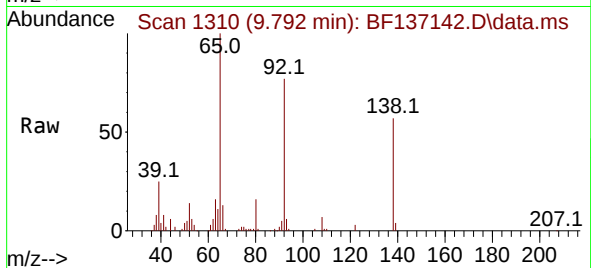
#53  
3-Nitroaniline  
Concen: 8.249 ng  
RT: 9.792 min Scan# 1310  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

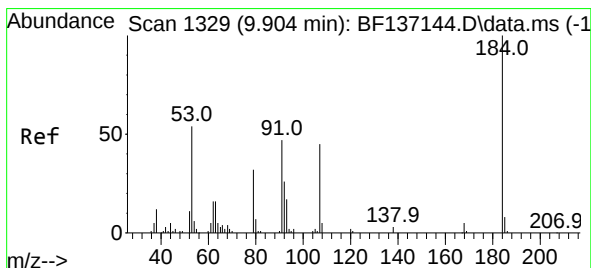
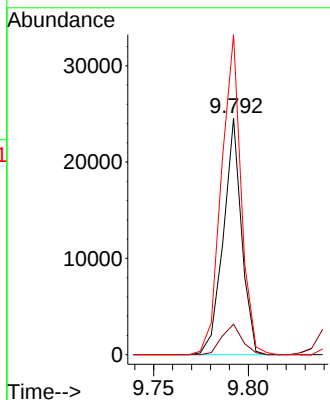
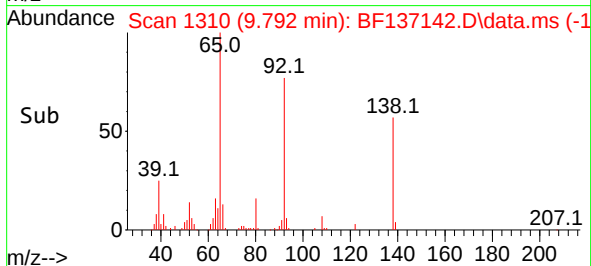


Tgt Ion:138 Resp: 1643  
Ion Ratio Lower Upper  
138 100  
108 12.8 10.2 15.2  
92 135.2 105.7 158.5

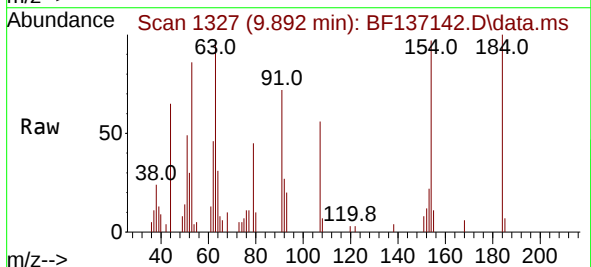
Manual Integrations

APPROVED

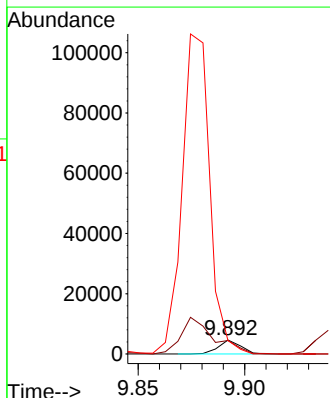
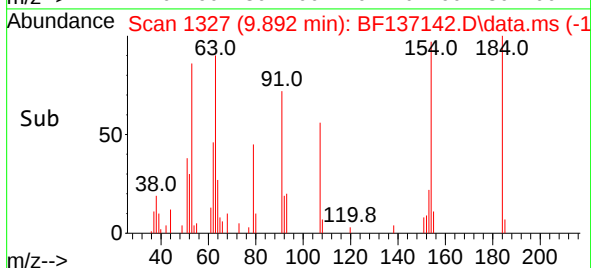
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

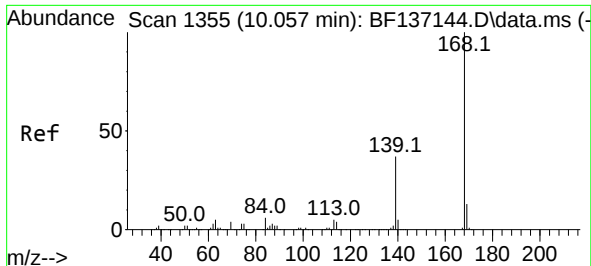


#54  
2,4-Dinitrophenol  
Concen: 10.835 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:184 Resp: 3341  
Ion Ratio Lower Upper  
184 100  
63 96.4 61.2 91.8#  
154 96.8 51.6 77.4#





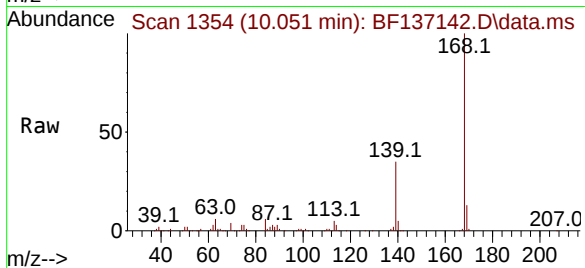
#55  
Dibenzenofuran  
Concen: 10.644 ng  
RT: 10.051 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

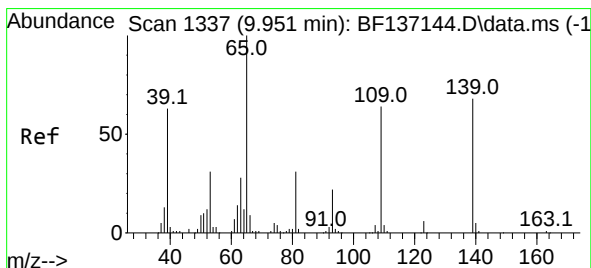
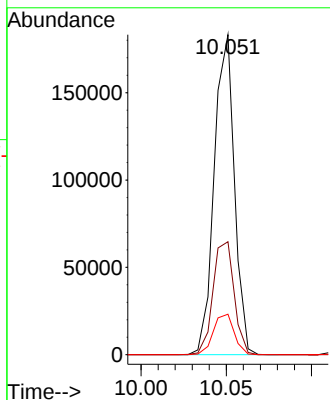
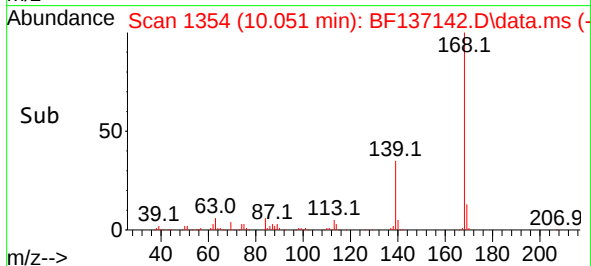


Tgt Ion:168 Resp: 150994  
Ion Ratio Lower Upper  
168 100  
139 35.3 29.5 44.3  
169 12.7 10.5 15.7

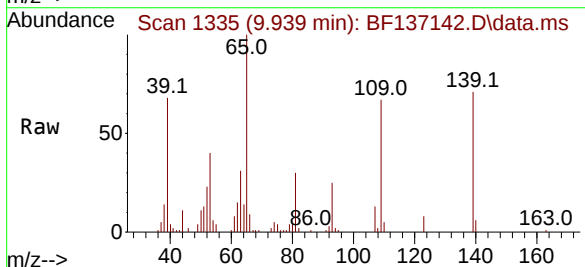
Manual Integrations

APPROVED

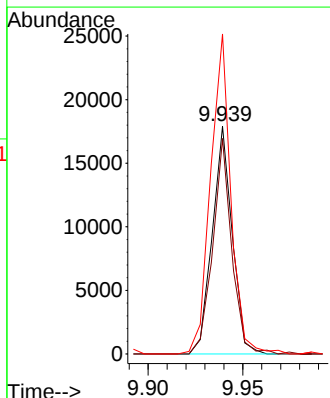
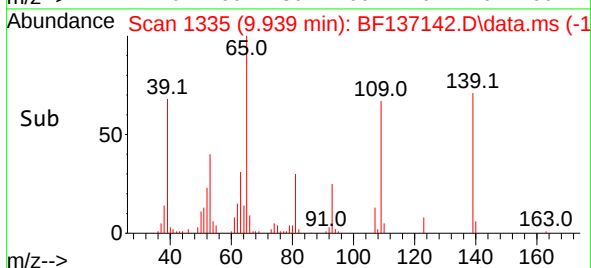
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

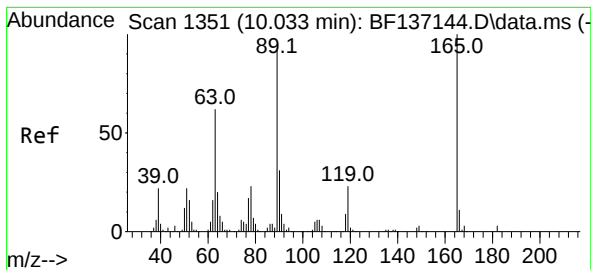


#56  
4-Nitrophenol  
Concen: 8.289 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:139 Resp: 13136  
Ion Ratio Lower Upper  
139 100  
109 94.6 73.7 113.7  
65 140.6 126.0 166.0





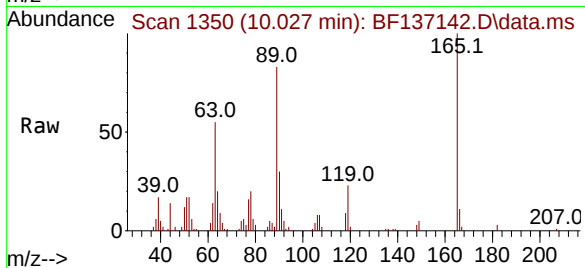
#57  
2,4-Dinitrotoluene  
Concen: 9.637 ng  
RT: 10.027 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

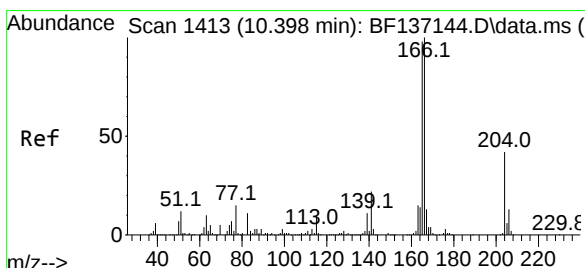
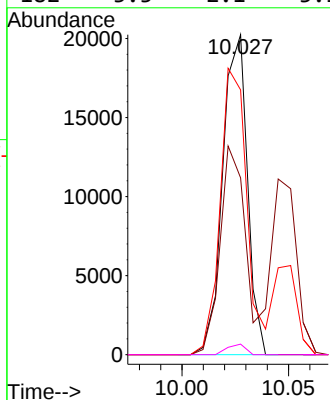
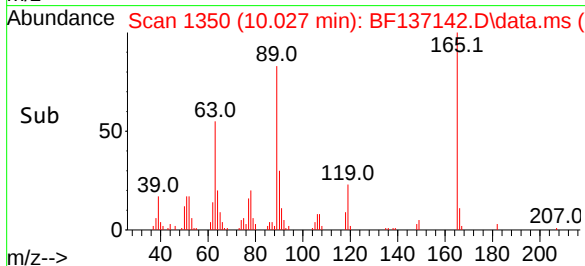


Tgt Ion:165 Resp: 1630  
Ion Ratio Lower Upper  
165 100  
63 55.3 49.4 74.2  
89 82.7 73.5 110.3  
182 3.3 2.1 3.1#

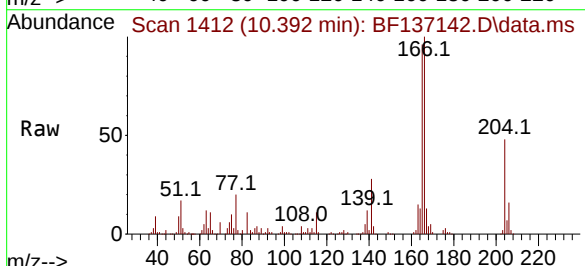
Manual Integrations

APPROVED

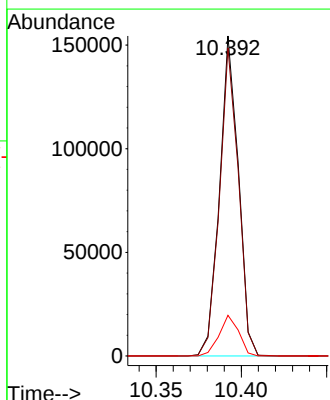
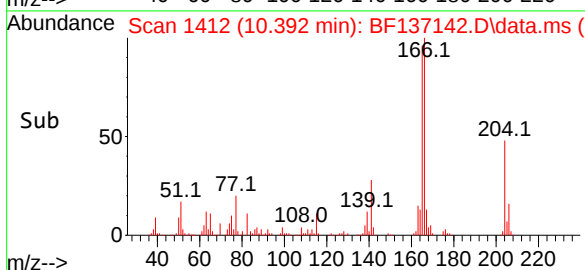
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

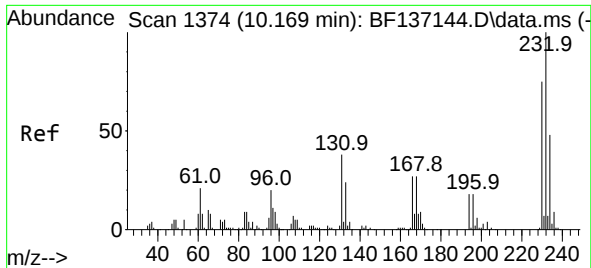


#58  
Fluorene  
Concen: 10.929 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



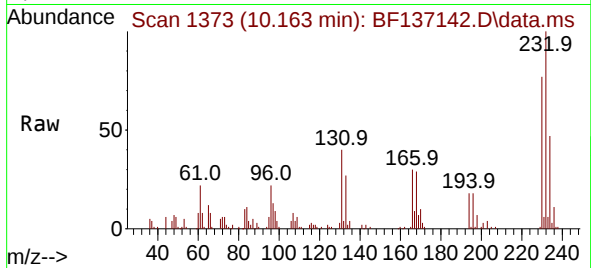
Tgt Ion:166 Resp: 118838  
Ion Ratio Lower Upper  
166 100  
165 96.3 78.6 118.0  
167 12.7 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.561 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

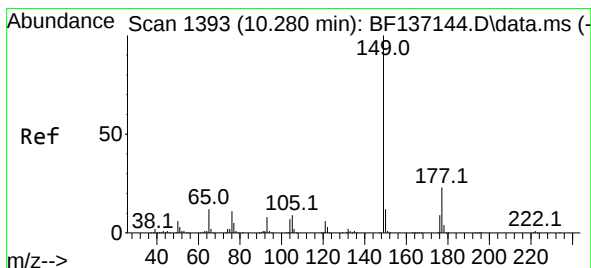
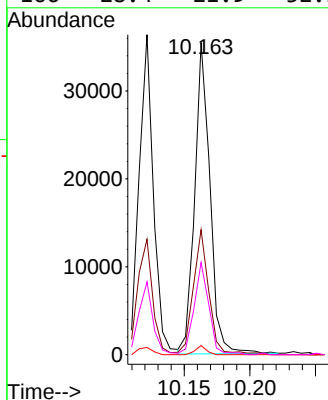
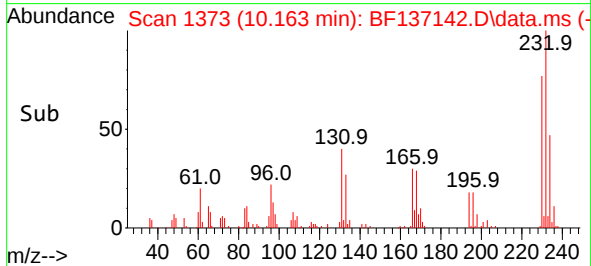
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:232 Resp: 28819  
Ion Ratio Lower Upper  
232 100  
131 41.4 31.4 47.0  
130 2.1 1.8 2.6  
166 28.4 21.9 32.9

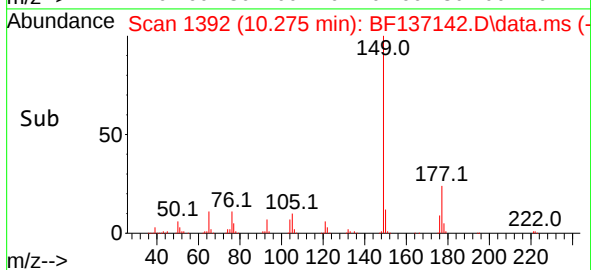
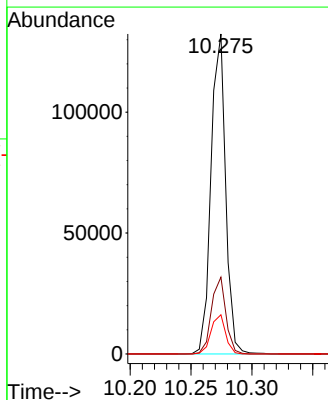
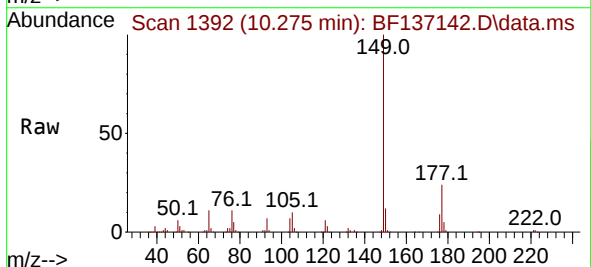
Manual Integrations  
APPROVED

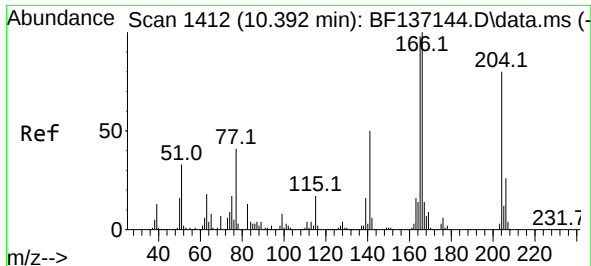
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#60  
Diethylphthalate  
Concen: 10.283 ng  
RT: 10.275 min Scan# 1392  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:149 Resp: 110024  
Ion Ratio Lower Upper  
149 100  
177 24.0 18.7 28.1  
150 12.3 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 10.882 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

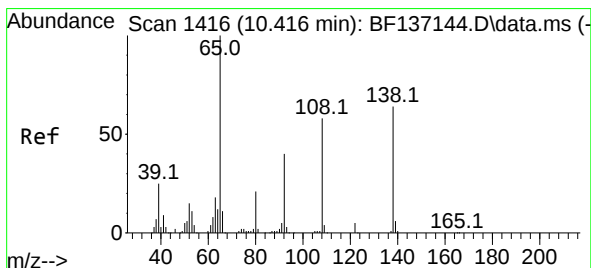
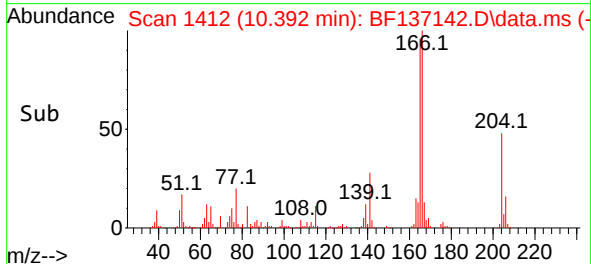
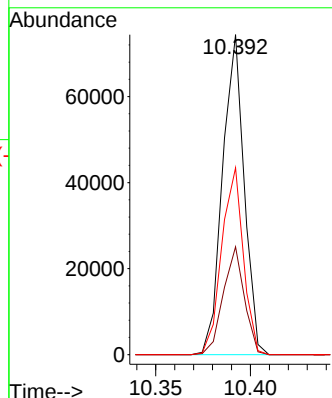
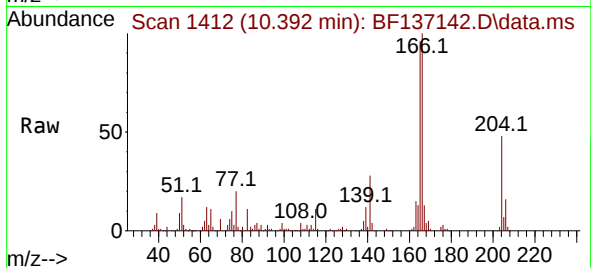
SSTDIC010

Tgt Ion:204 Resp: 58979  
Ion Ratio Lower Upper  
204 100  
206 33.7 25.6 38.4  
141 58.4 50.3 75.5

Manual Integrations

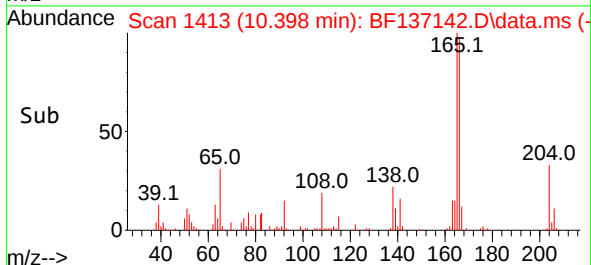
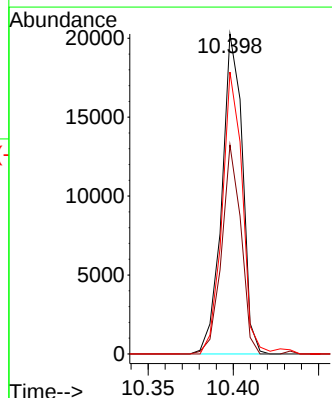
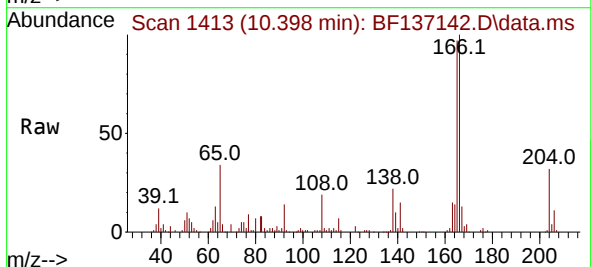
APPROVED

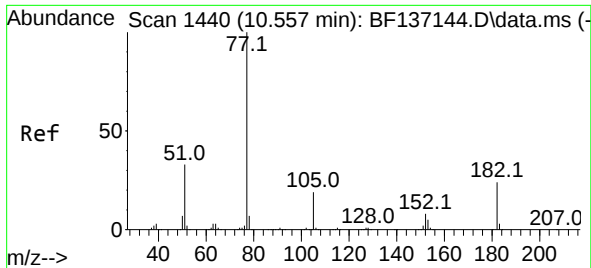
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#62  
4-Nitroaniline  
Concen: 8.572 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.018 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:138 Resp: 17041  
Ion Ratio Lower Upper  
138 100  
92 65.3 42.7 82.7  
108 88.1 70.8 110.8





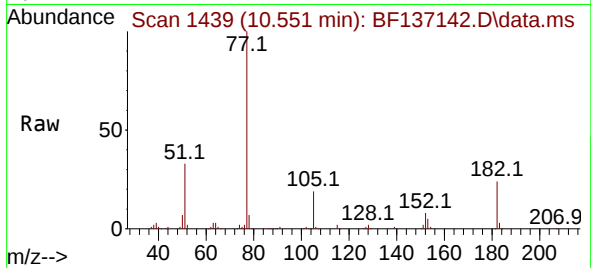
#63  
Azobenzene  
Concen: 10.570 ng  
RT: 10.551 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

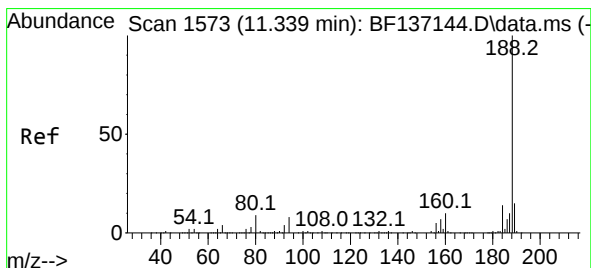
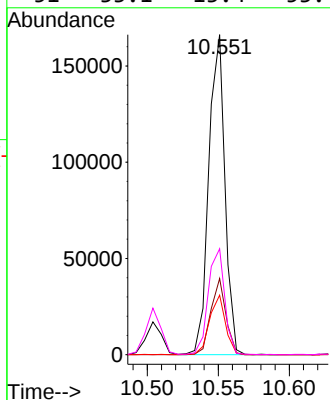
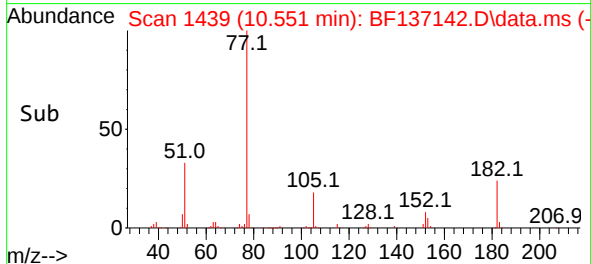


Tgt Ion: 77 Resp: 131698  
Ion Ratio Lower Upper  
77 100  
182 23.8 4.4 44.4  
105 18.6 0.0 39.3  
51 33.1 13.4 53.4

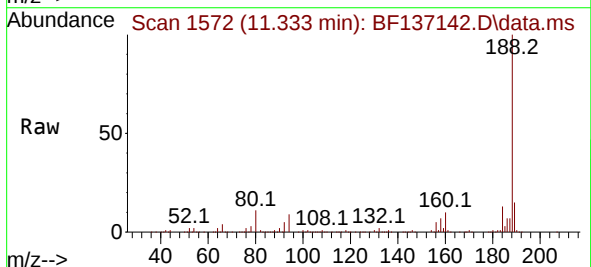
Manual Integrations

APPROVED

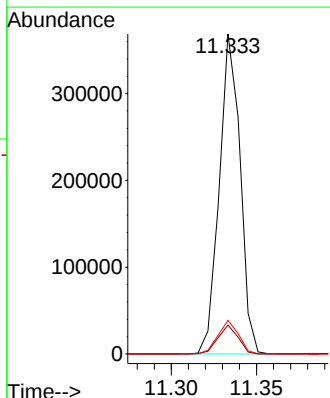
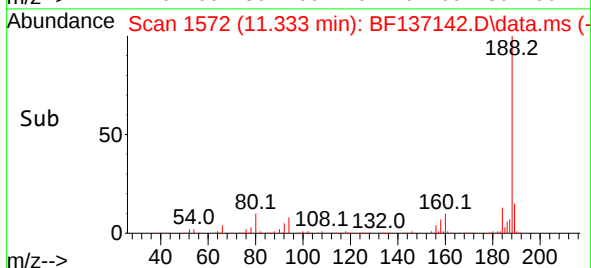
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

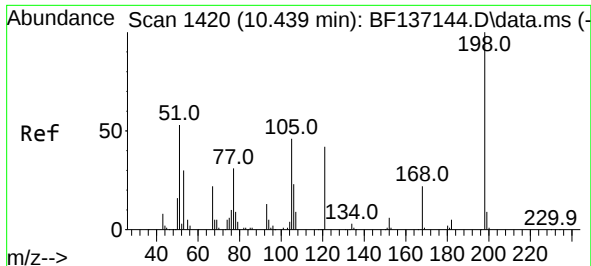


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



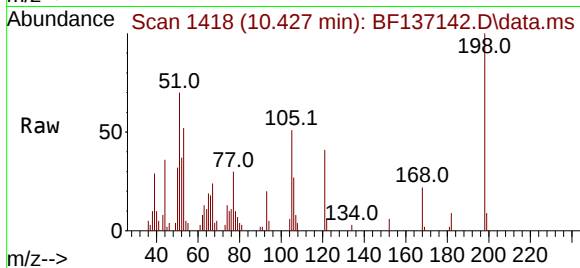
Tgt Ion:188 Resp: 313548  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.4 9.6  
80 10.5 7.4 11.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 12.183 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

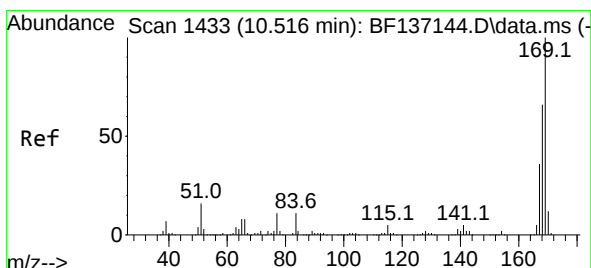
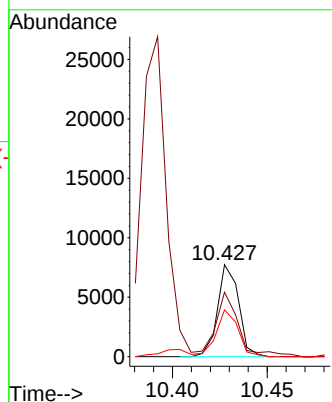
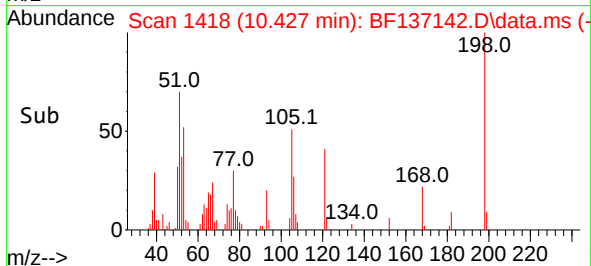
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



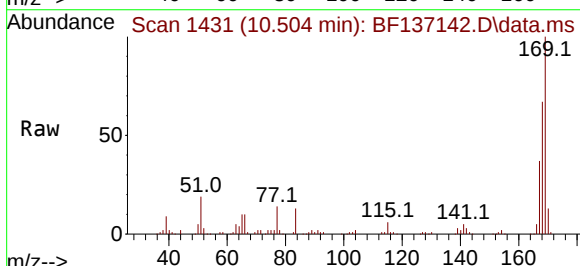
Tgt Ion:198 Resp: 599  
Ion Ratio Lower Upper  
198 100  
51 70.1 44.7 84.7  
105 50.8 28.2 68.2

Manual Integrations  
APPROVED

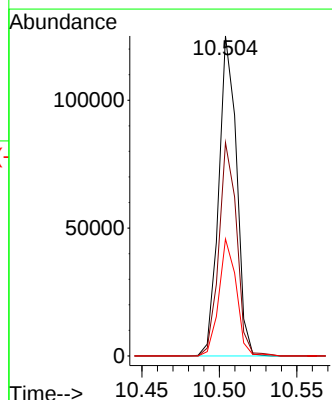
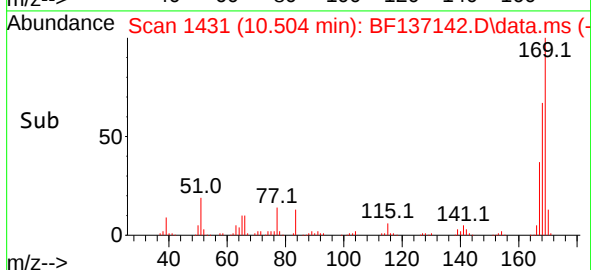
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

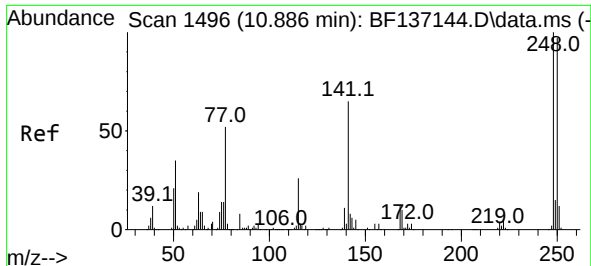


#66  
n-Nitrosodiphenylamine  
Concen: 10.428 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:169 Resp: 100245  
Ion Ratio Lower Upper  
169 100  
168 66.7 52.6 78.8  
167 36.6 28.9 43.3





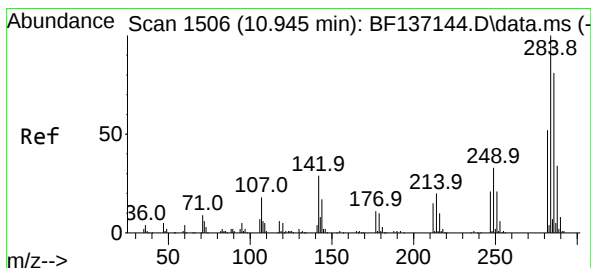
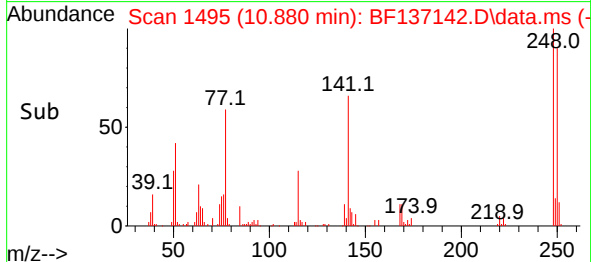
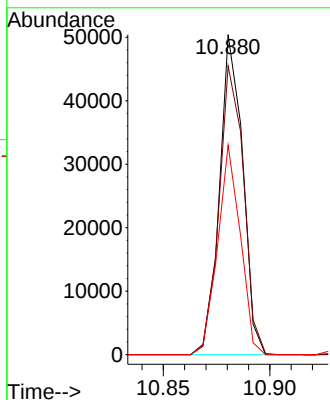
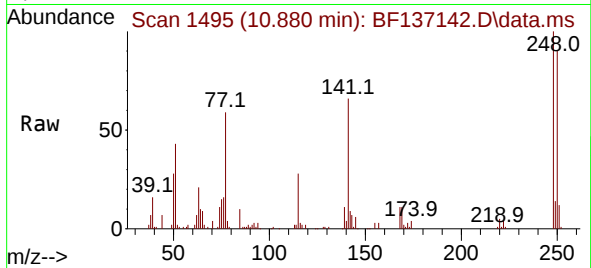
#67  
4-Bromophenyl-phenylether  
Concen: 10.570 ng  
RT: 10.880 min Scan# 1496  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:248 Resp: 38180  
Ion Ratio Lower Upper  
248 100  
250 90.2 77.7 116.5  
141 65.5 52.3 78.5

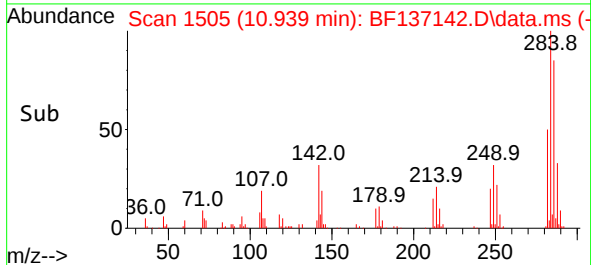
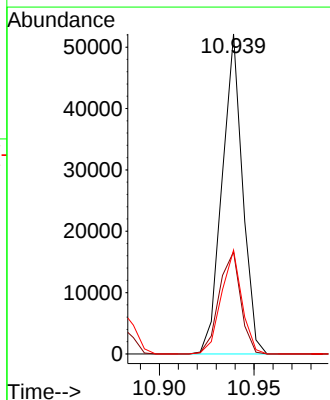
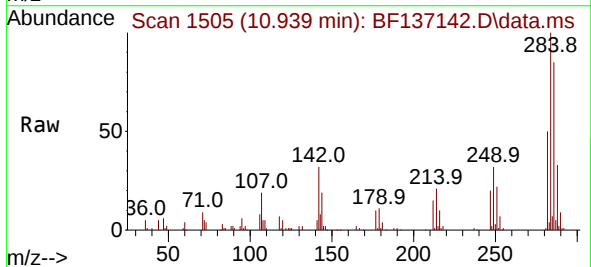
Manual Integrations  
APPROVED

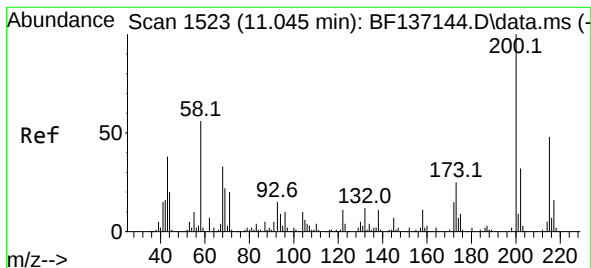
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#68  
Hexachlorobenzene  
Concen: 10.315 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Tgt Ion:284 Resp: 39193  
Ion Ratio Lower Upper  
284 100  
142 31.9 23.2 34.8  
249 32.5 26.2 39.2





#69

Atrazine

Concen: 9.711 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

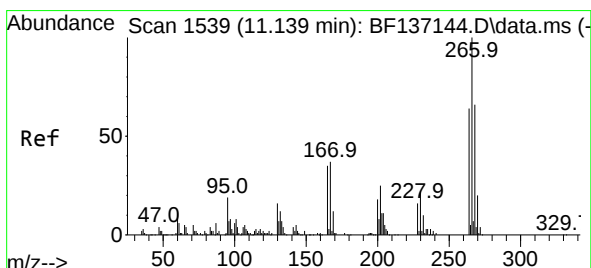
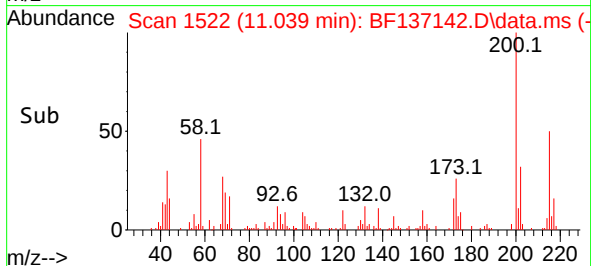
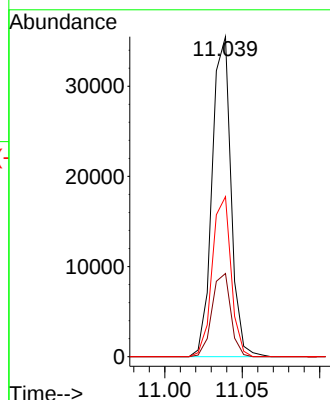
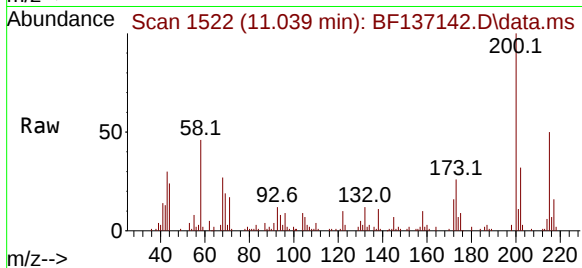
SSTDIC010

Tgt Ion:200 Resp: 3007  
 Ion Ratio Lower Upper  
 200 100  
 173 26.0 5.1 45.1  
 215 50.0 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
 Supervised By :mohammad ahmed 01/29/2024



#70

Pentachlorophenol

Concen: 8.619 ng

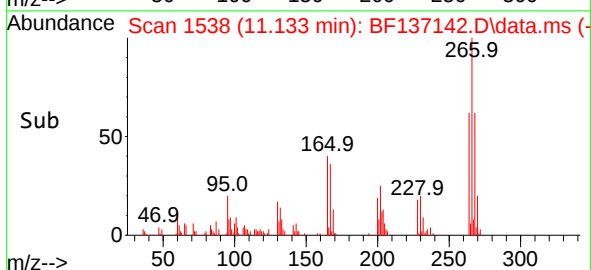
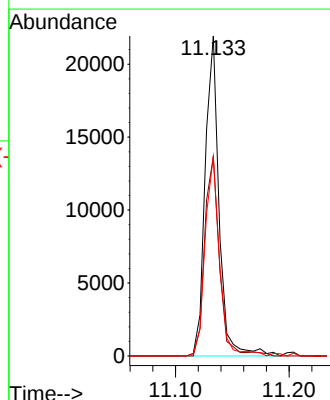
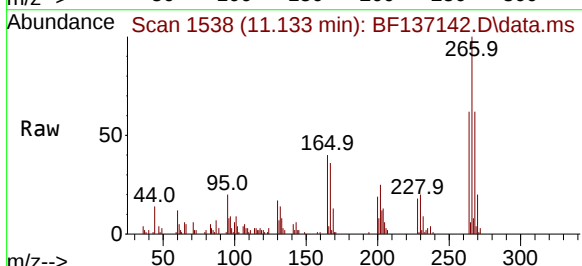
RT: 11.133 min Scan# 1538

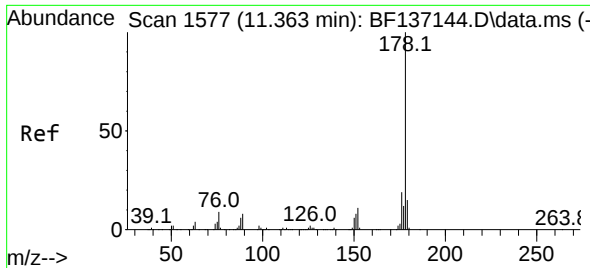
Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Tgt Ion:266 Resp: 18662  
 Ion Ratio Lower Upper  
 266 100  
 268 62.4 53.0 79.6  
 264 62.3 51.6 77.4





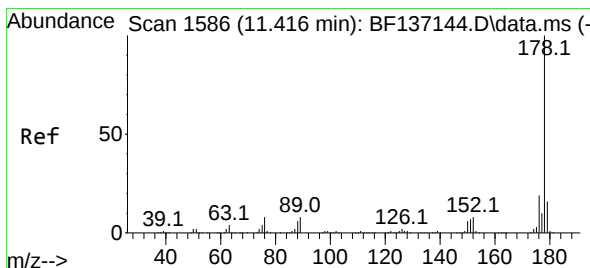
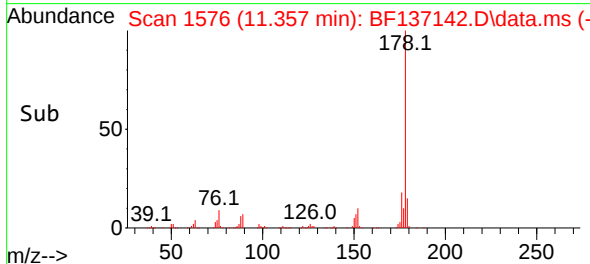
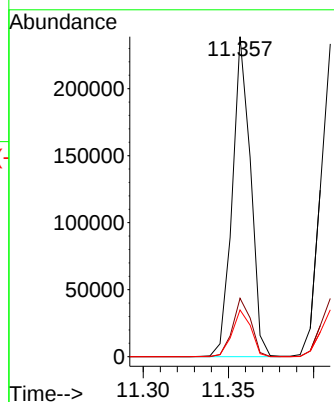
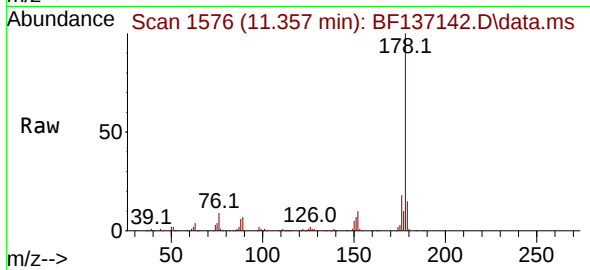
#71  
Phenanthrene  
Concen: 10.718 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:178 Resp: 177820  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.5 23.3  
179 14.6 12.3 18.5

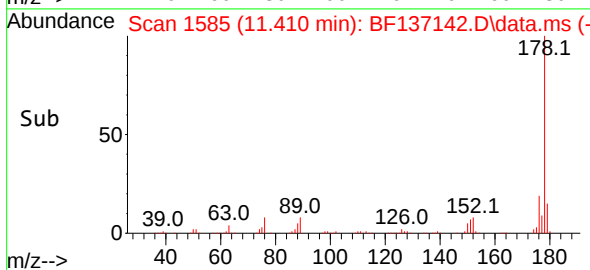
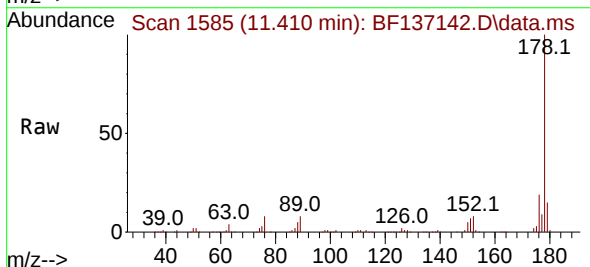
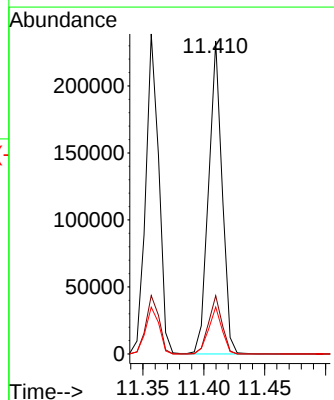
Manual Integrations  
APPROVED

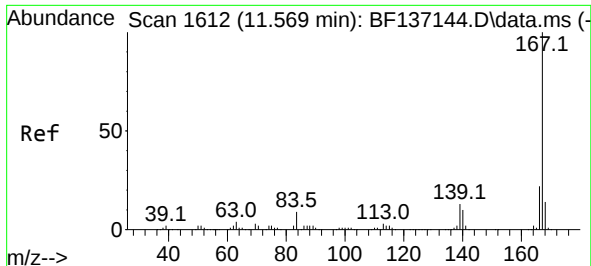
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#72  
Anthracene  
Concen: 10.607 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

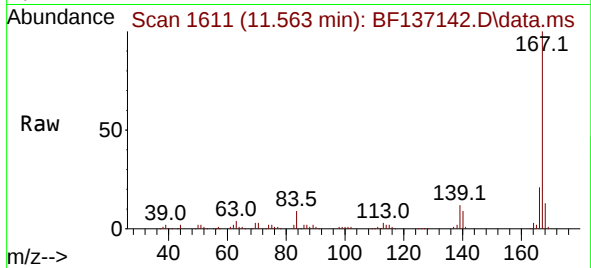
Tgt Ion:178 Resp: 179285  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.3 22.9  
179 15.0 12.6 18.8





#73  
 Carbazole  
 Concen: 10.612 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. -0.006 min  
 Lab File: BF137142.D  
 Acq: 25 Jan 2024 11:54

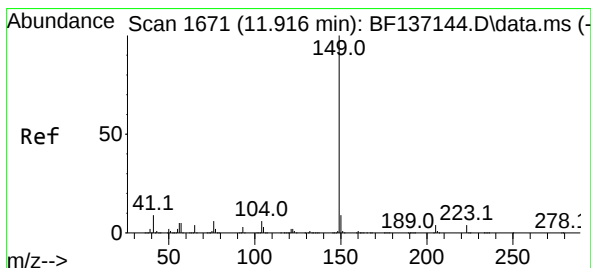
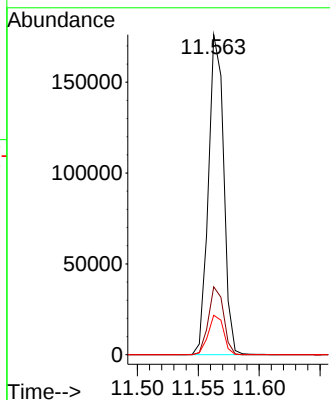
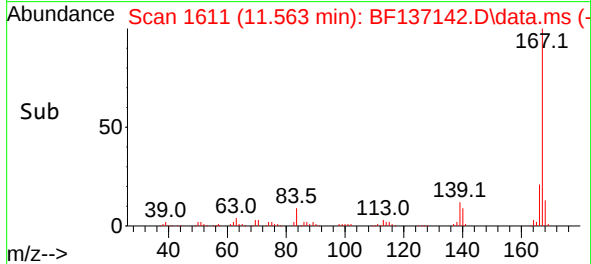
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010



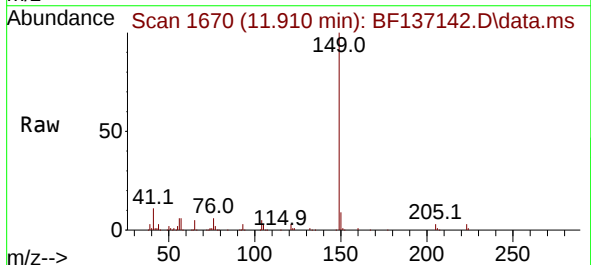
Tgt Ion:167 Resp: 153154  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.2 25.8  
 139 12.3 10.3 15.5

Manual Integrations  
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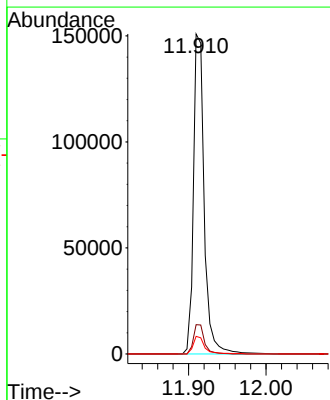
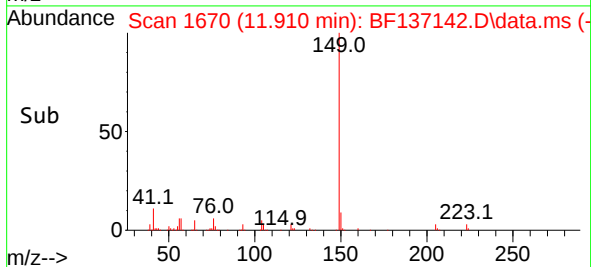
Reviewed By :Jagrut Upadhyay 01/26/2024  
 Supervised By :mohammad ahmed 01/29/2024

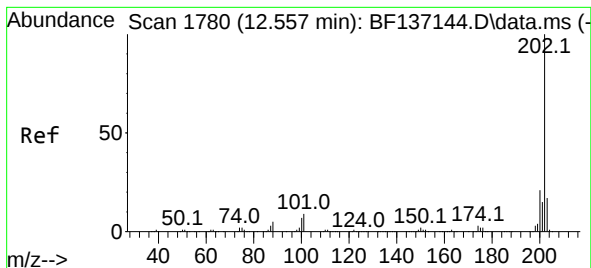


#74  
 Di-n-butylphthalate  
 Concen: 9.601 ng  
 RT: 11.910 min Scan# 1670  
 Delta R.T. -0.006 min  
 Lab File: BF137142.D  
 Acq: 25 Jan 2024 11:54



Tgt Ion:149 Resp: 145103  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 10.611 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:202 Resp: 18269

Ion Ratio Lower Upper

202 100

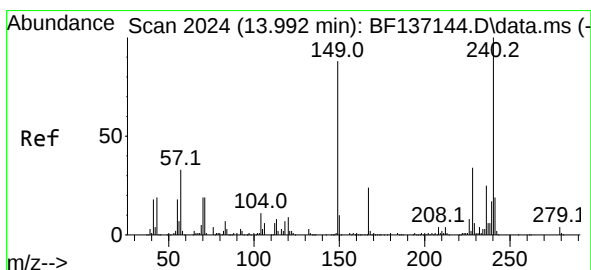
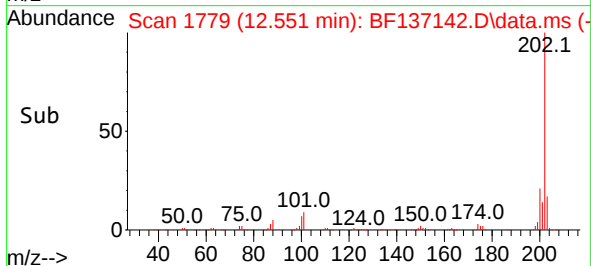
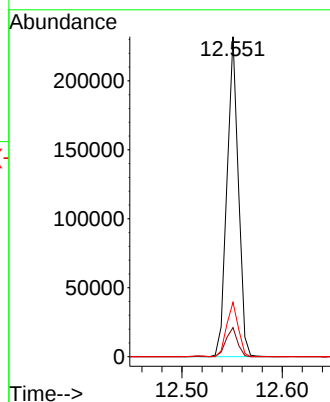
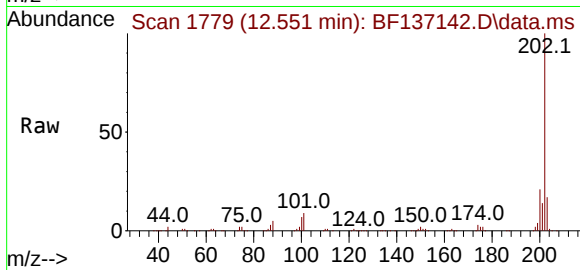
101 9.1 0.0 29.3

203 17.0 0.0 37.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

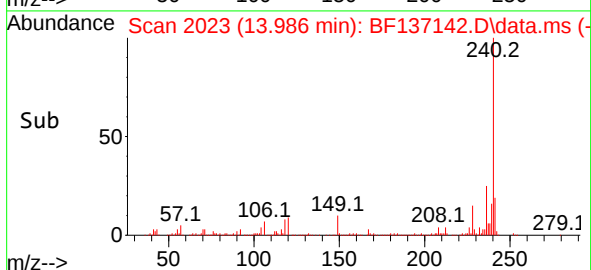
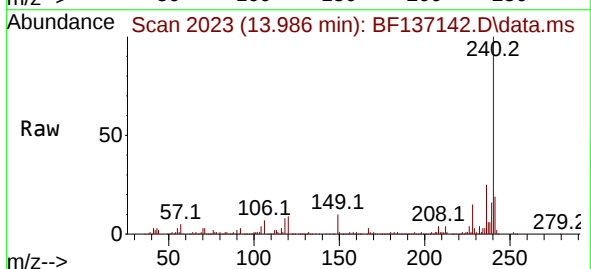
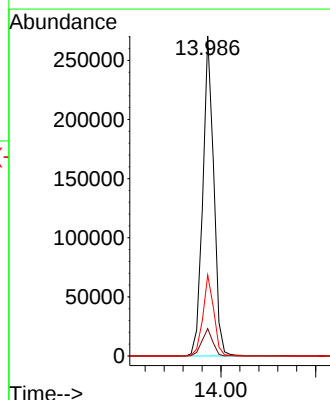
Tgt Ion:240 Resp: 218144

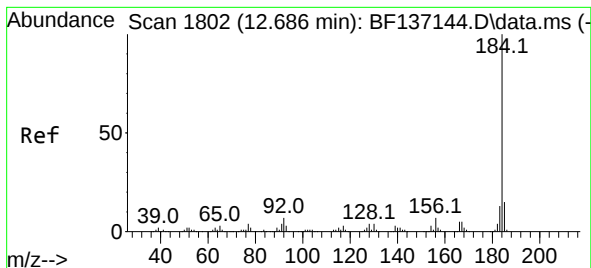
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 25.3 20.4 30.6





#77

Benzidine

Concen: 6.330 ng

RT: 12.680 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

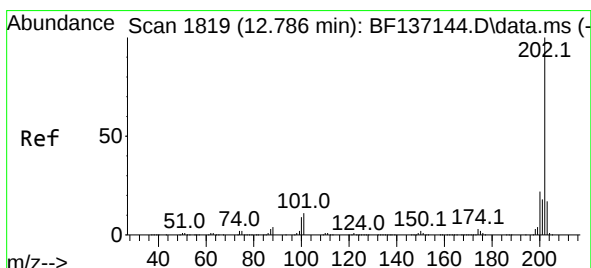
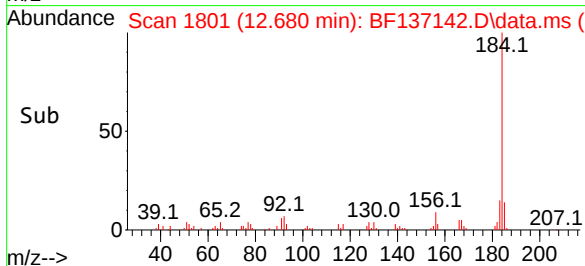
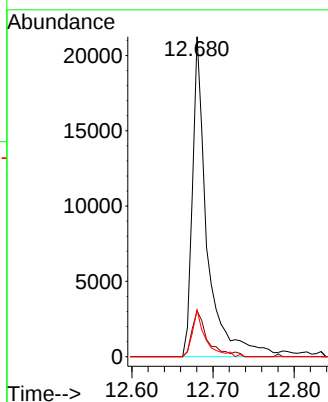
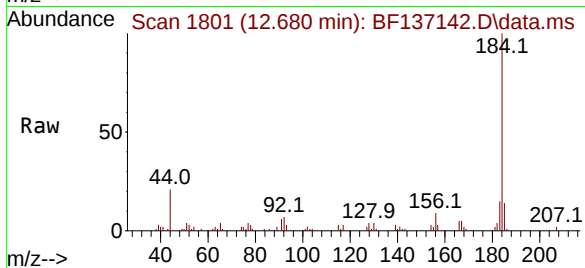
SSTDICC010

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 26778     |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 14.3  | 12.2 18.4 |
| 183         | 14.6  | 10.0 15.0 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#78

Pyrene

Concen: 9.810 ng

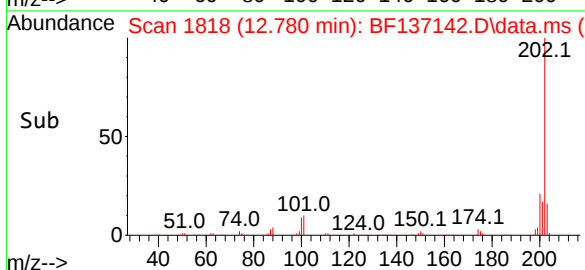
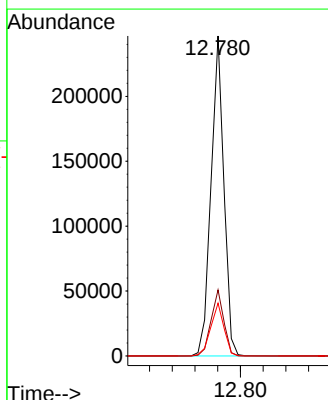
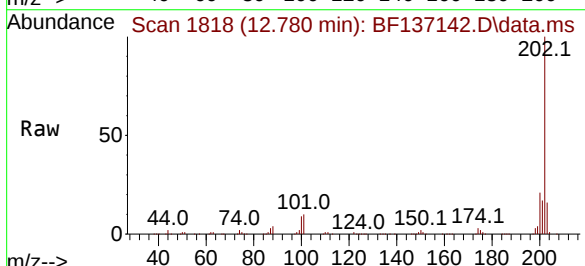
RT: 12.780 min Scan# 1818

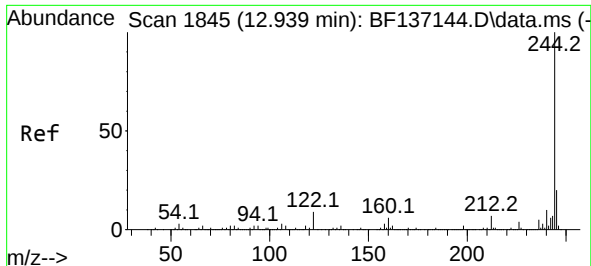
Delta R.T. -0.006 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 193002    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 20.6  | 17.3 25.9 |
| 203         | 16.5  | 13.8 20.8 |





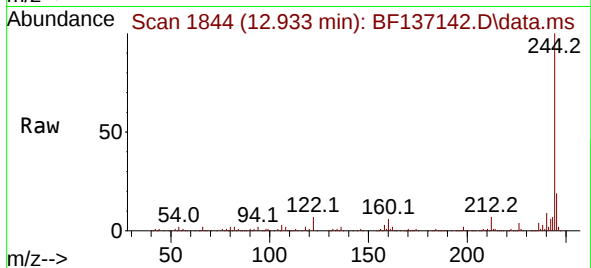
#79  
 Terphenyl-d14  
 Concen: 20.212 ng  
 RT: 12.933 min Scan# 1845  
 Delta R.T. -0.006 min  
 Lab File: BF137142.D  
 Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

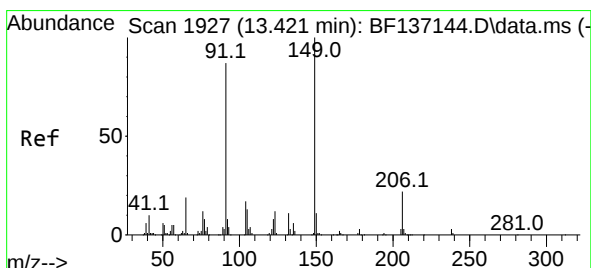
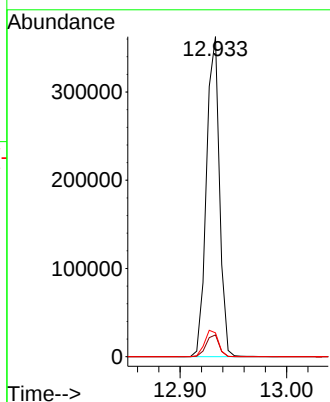
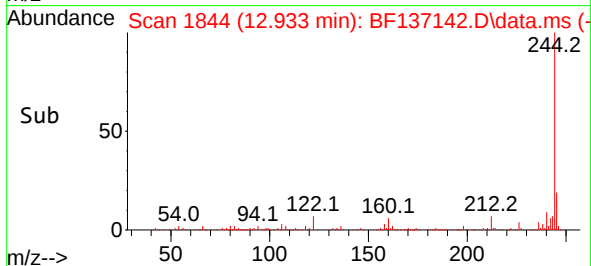


Tgt Ion:244 Resp: 30834  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 7.5 7.3 10.9

Manual Integrations

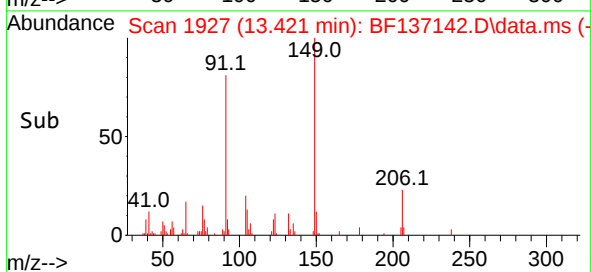
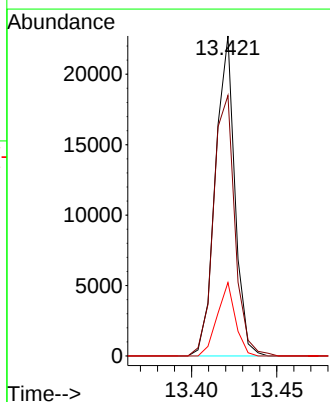
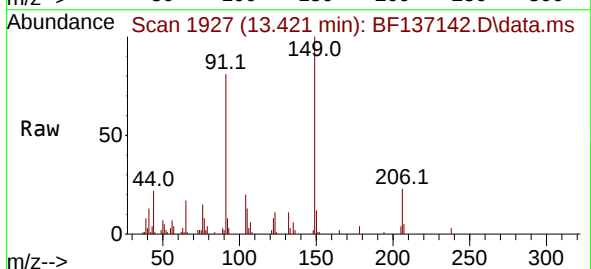
APPROVED

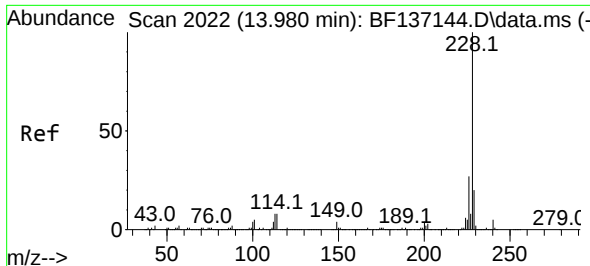
Reviewed By :Jagrut Upadhyay 01/26/2024  
 Supervised By :mohammad ahmed 01/29/2024



#80  
 Butylbenzylphthalate  
 Concen: 9.600 ng  
 RT: 13.421 min Scan# 1927  
 Delta R.T. 0.000 min  
 Lab File: BF137142.D  
 Acq: 25 Jan 2024 11:54

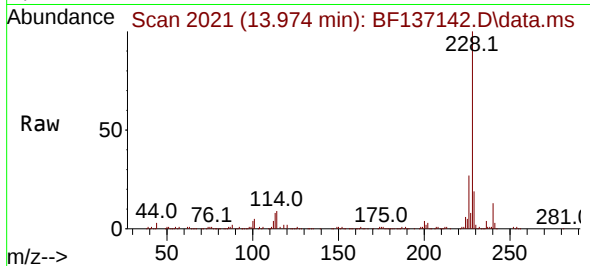
Tgt Ion:149 Resp: 18099  
 Ion Ratio Lower Upper  
 149 100  
 91 81.4 69.4 104.0  
 206 22.9 17.4 26.0





#81  
Benzo(a)anthracene  
Concen: 10.035 ng  
RT: 13.974 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

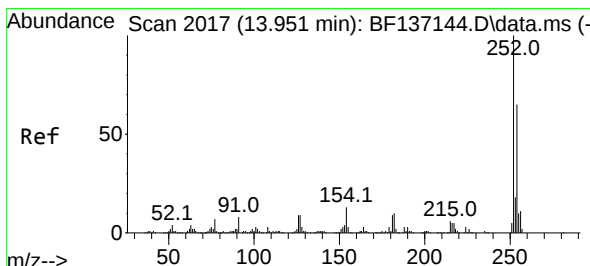
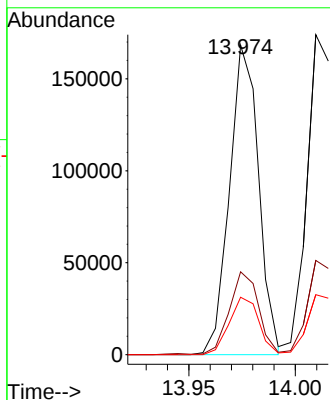
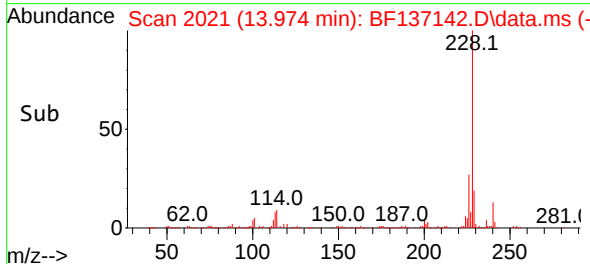
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



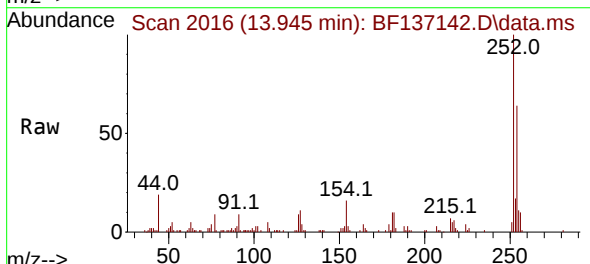
Tgt Ion:228 Resp: 16014  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.4 32.2  
229 18.5 15.8 23.6

Manual Integrations  
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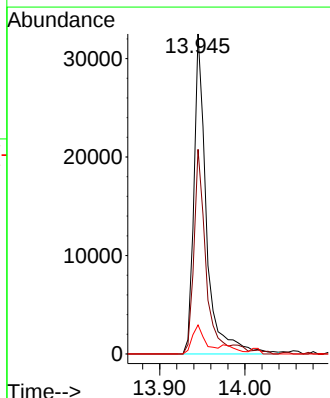
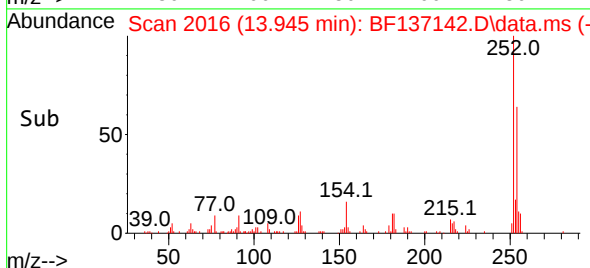
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

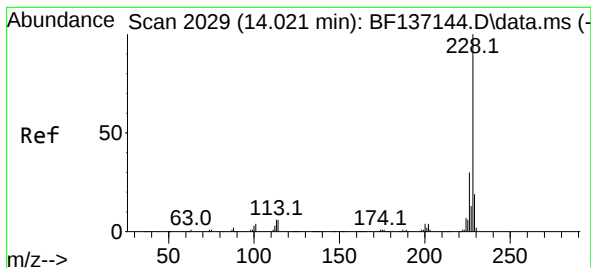


#82  
3,3'-Dichlorobenzidine  
Concen: 8.457 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:252 Resp: 33364  
Ion Ratio Lower Upper  
252 100  
254 64.0 51.7 77.5  
126 9.1 7.4 11.0





#83

Chrysene

Concen: 10.248 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.011 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

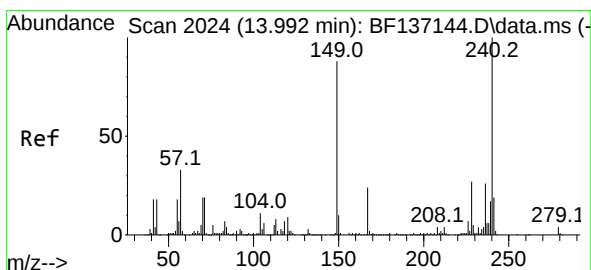
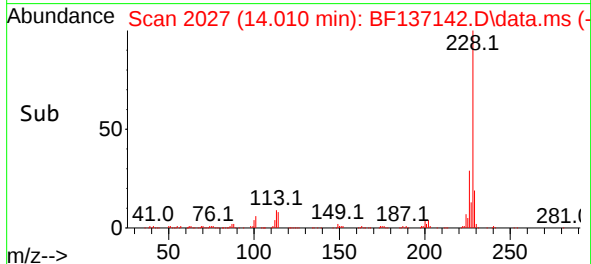
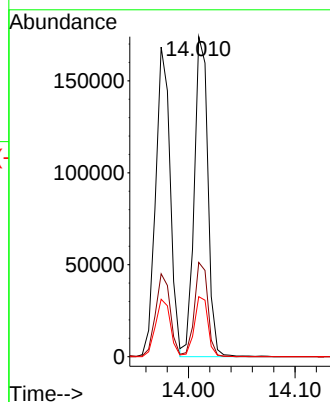
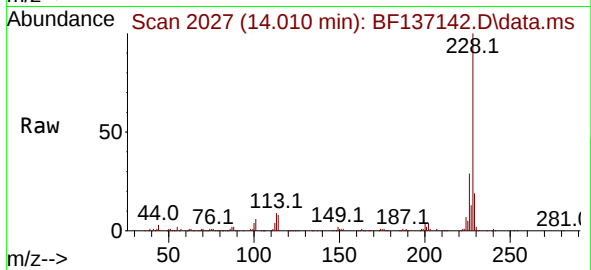
SSTDICC010

Tgt Ion:228 Resp: 154997  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 23.8 35.6  
 229 18.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
 Supervised By :mohammad ahmed 01/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.671 ng

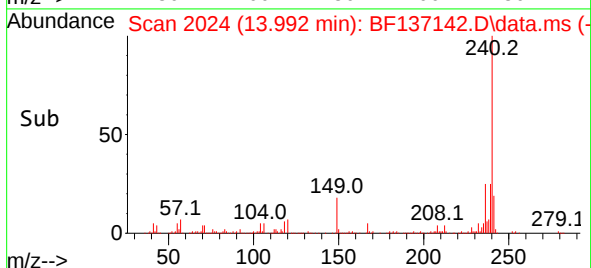
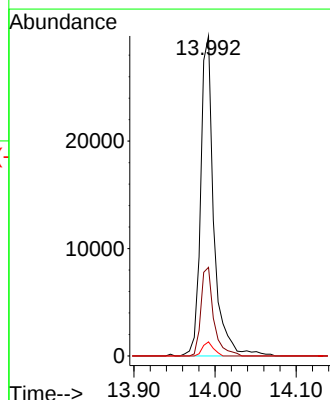
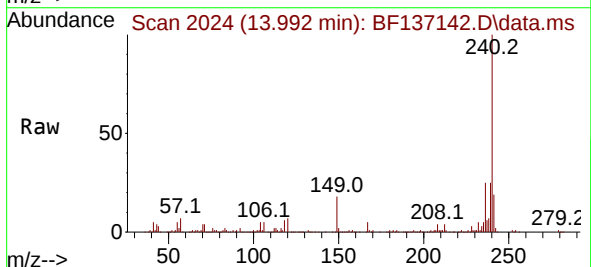
RT: 13.992 min Scan# 2024

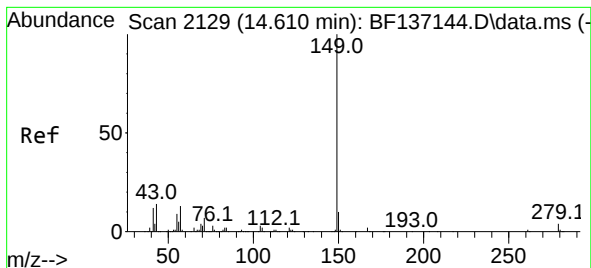
Delta R.T. -0.000 min

Lab File: BF137142.D

Acq: 25 Jan 2024 11:54

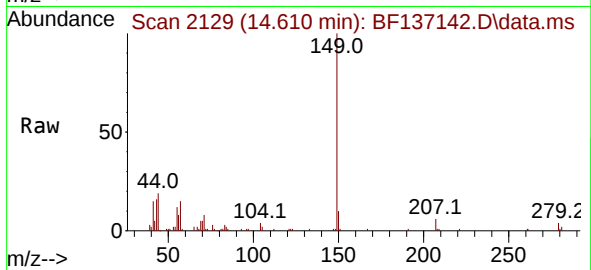
Tgt Ion:149 Resp: 33661  
 Ion Ratio Lower Upper  
 149 100  
 167 27.7 21.7 32.5  
 279 4.4 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 12.368 ng  
RT: 14.610 min Scan# 2129  
Delta R.T. -0.000 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

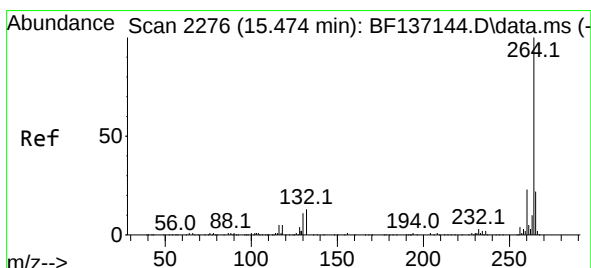
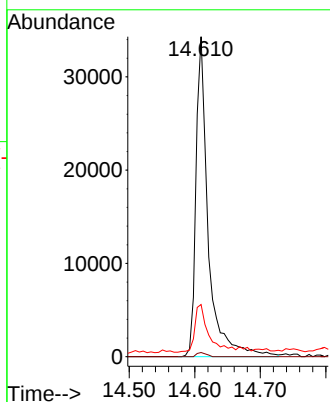
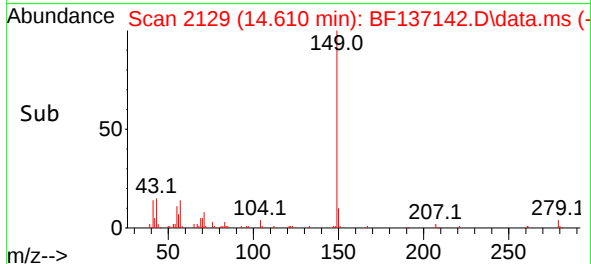
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC010



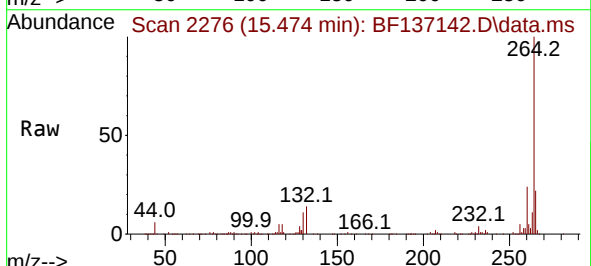
Tgt Ion:149 Resp: 44790  
Ion Ratio Lower Upper  
149 100  
167 1.0 1.3 1.9  
43 16.5 11.2 16.8

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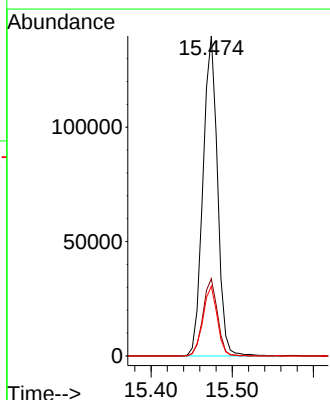
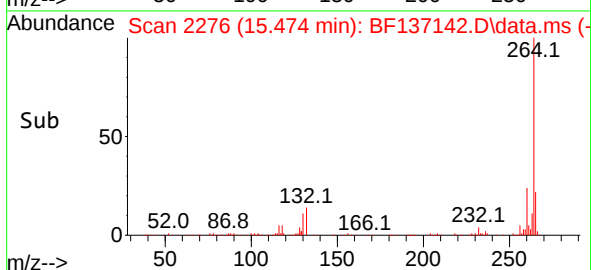
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

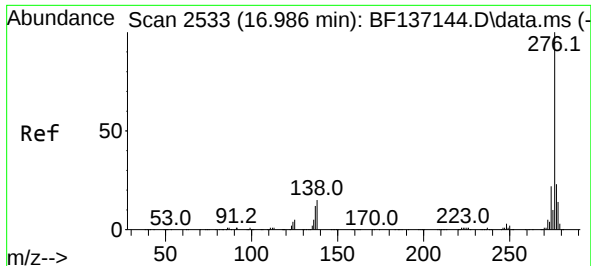


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.474 min Scan# 2276  
Delta R.T. 0.000 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:264 Resp: 173872  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.5 27.7  
265 21.8 17.2 25.8





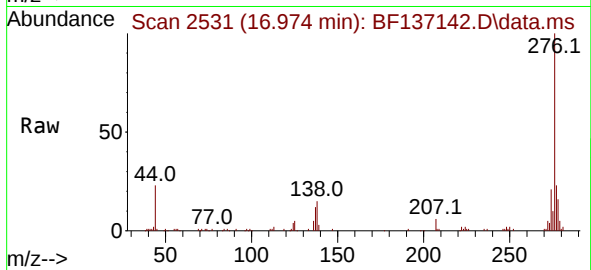
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 9.096 ng  
RT: 16.974 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

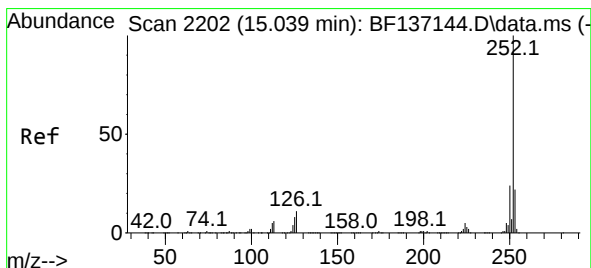
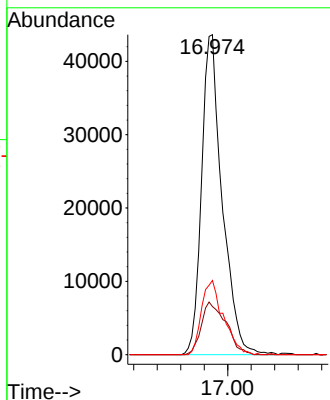
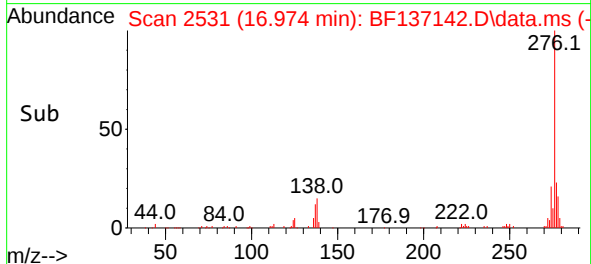


Tgt Ion:276 Resp: 106180  
Ion Ratio Lower Upper  
276 100  
138 19.7 15.4 23.2  
277 24.6 20.5 30.7

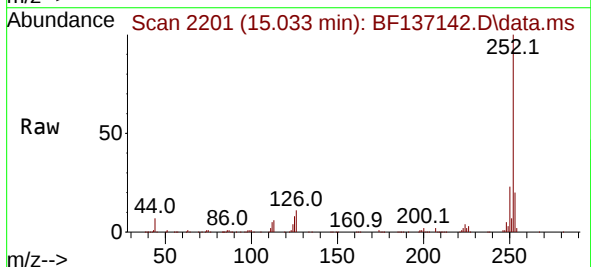
Manual Integrations

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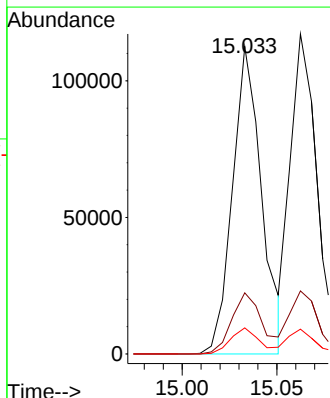
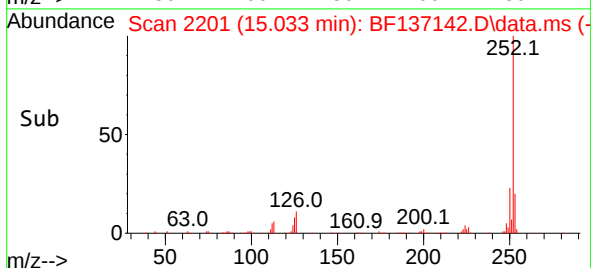
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

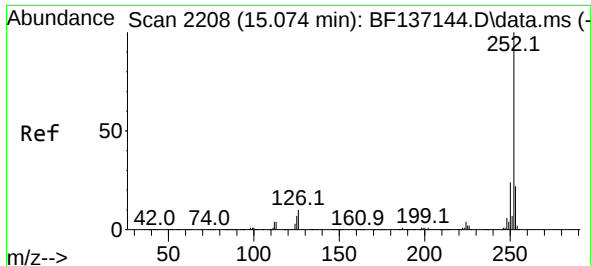


#88  
Benzo(b)fluoranthene  
Concen: 10.576 ng  
RT: 15.033 min Scan# 2201  
Delta R.T. -0.006 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



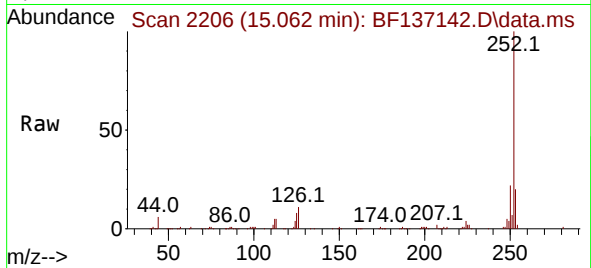
Tgt Ion:252 Resp: 120659  
Ion Ratio Lower Upper  
252 100  
253 19.9 17.7 26.5  
125 8.5 6.4 9.6





#89  
Benzo(k)fluoranthene  
Concen: 10.398 ng  
RT: 15.062 min Scan# 2206  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

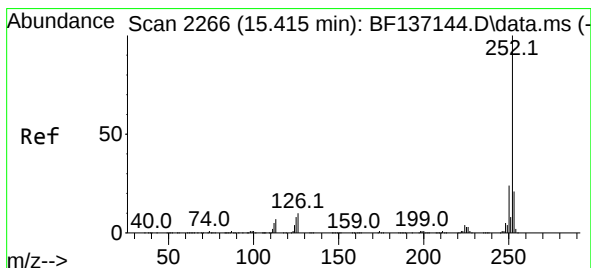
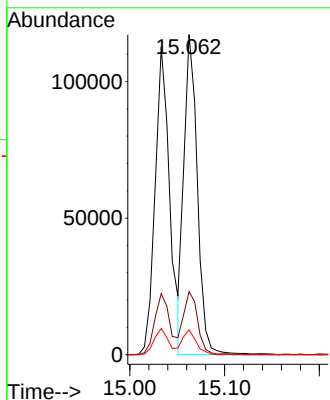
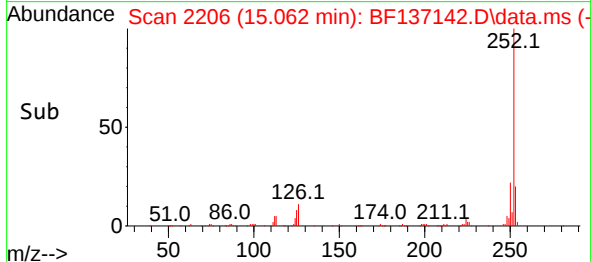
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



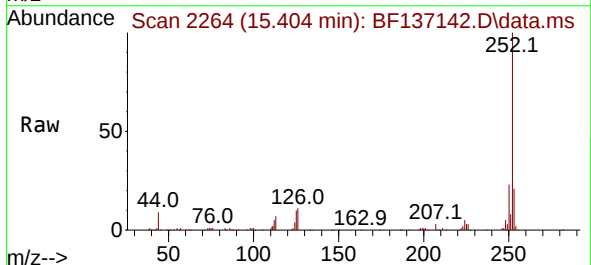
Tgt Ion:252 Resp: 115910  
Ion Ratio Lower Upper  
252 100  
253 19.7 17.9 26.9  
125 7.8 5.8 8.8

Manual Integrations  
APPROVED

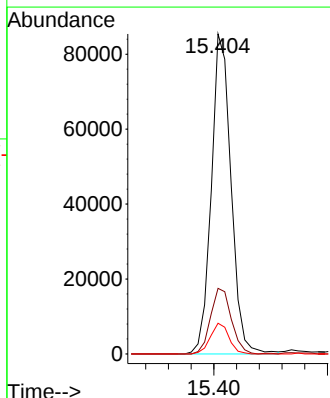
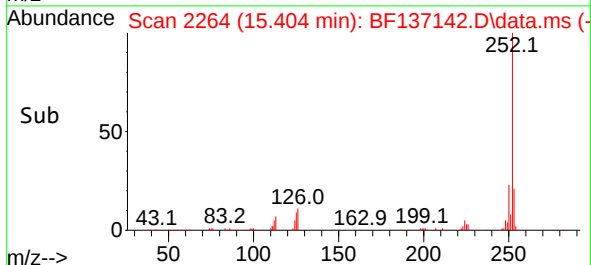
Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024

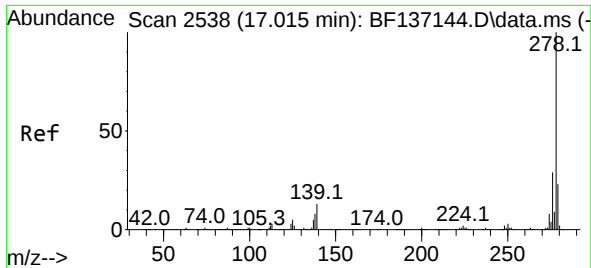


#90  
Benzo(a)pyrene  
Concen: 10.208 ng  
RT: 15.404 min Scan# 2264  
Delta R.T. -0.012 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



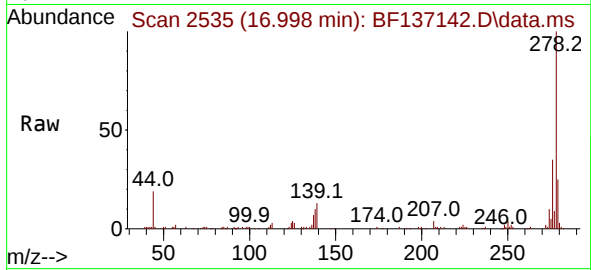
Tgt Ion:252 Resp: 102876  
Ion Ratio Lower Upper  
252 100  
253 20.5 16.8 25.2  
125 9.6 6.3 9.5#





#91  
Dibenzo(a,h)anthracene  
Concen: 9.160 ng  
RT: 16.998 min Scan# 2607  
Delta R.T. -0.018 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54

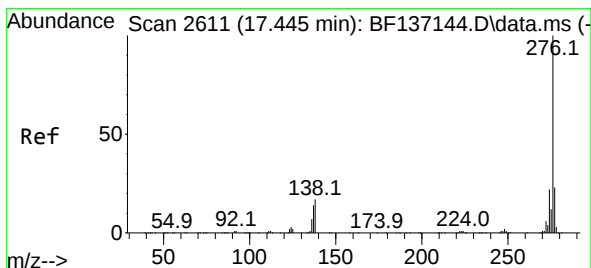
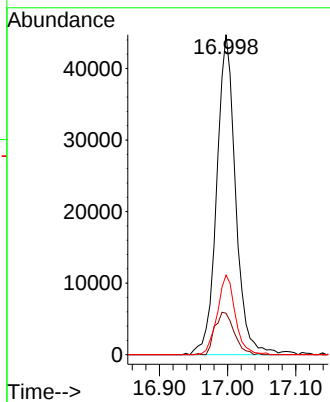
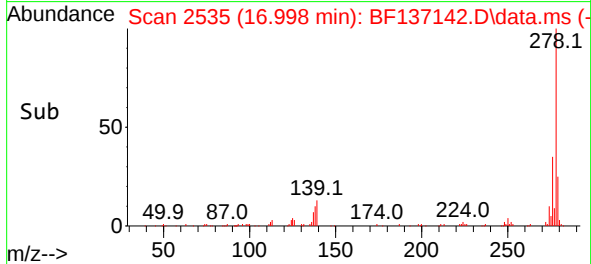
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



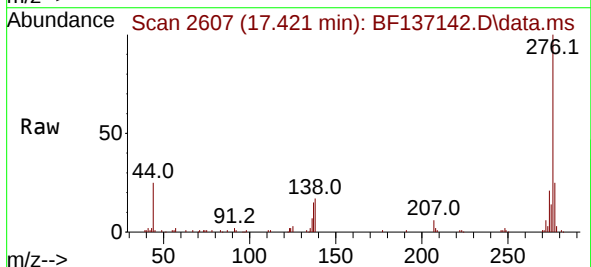
Tgt Ion:278 Resp: 86178  
Ion Ratio Lower Upper  
278 100  
139 12.9 10.1 15.1  
279 24.9 18.5 27.7

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024  
Supervised By :mohammad ahmed 01/29/2024



#92  
Benzo(g,h,i)perylene  
Concen: 8.842 ng  
RT: 17.421 min Scan# 2607  
Delta R.T. -0.024 min  
Lab File: BF137142.D  
Acq: 25 Jan 2024 11:54



Tgt Ion:276 Resp: 80115  
Ion Ratio Lower Upper  
276 100  
277 24.7 18.6 27.8  
138 17.2 13.2 19.8

