

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083121\  
 Data File : BF125282.D  
 Acq On : 31 Aug 2021 10:47  
 Operator : JU/CG  
 Sample : PB138819BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138819BS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:01:42 PM

Quant Time: Aug 31 12:09:48 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 212166   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.198  | 136  | 817888   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.957  | 164  | 421701   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.445 | 188  | 721839   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 425113   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.586 | 264  | 419935   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.551  | 112  | 1488689  | 106.204 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.557  | 99   | 1852571  | 102.189 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 1234029  | 75.959  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 545450   | 129.576 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.275  | 172  | 2136165  | 70.601  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 2072787  | 77.677  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.810  | 88   | 229853   | 33.231  | ng    | # 100    |
| 3) Pyridine                   | 3.569  | 79   | 540315   | 29.591  | ng    | # 90     |
| 4) n-Nitrosodimethylamine     | 3.528  | 42   | 338981   | 37.099  | ng    | # 35     |
| 6) Aniline                    | 6.581  | 93   | 714320   | 33.544  | ng    | # 92     |
| 8) 2-Chlorophenol             | 6.704  | 128  | 579512   | 40.527  | ng    | 81       |
| 9) Benzaldehyde               | 6.469  | 77   | 366038   | 28.770  | ng    | 94       |
| 10) Phenol                    | 6.569  | 94   | 749682   | 39.488  | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.651  | 93   | 613050   | 41.001  | ng    | 88       |
| 12) 1,3-Dichlorobenzene       | 6.857  | 146  | 648780   | 39.153  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.934  | 146  | 660759   | 40.020  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.087  | 146  | 621496   | 40.010  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.063  | 79   | 547268   | 39.208  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.193  | 45   | 1094769  | 36.510  | ng    | 95       |
| 17) 2-Methylphenol            | 7.175  | 107  | 486980   | 40.541  | ng    | 94       |
| 18) Hexachloroethane          | 7.428  | 117  | 232368   | 40.190  | ng    | # 85     |
| 19) n-Nitroso-di-n-propyla... | 7.334  | 70   | 415590   | 38.113  | ng    | # 75     |
| 20) 3+4-Methylphenols         | 7.322  | 107  | 550577   | 36.514  | ng    | # 71     |
| 22) Acetophenone              | 7.328  | 105  | 787764   | 37.425  | ng    | # 88     |
| 24) Nitrobenzene              | 7.498  | 77   | 667555   | 37.710  | ng    | # 86     |
| 25) Isophorone                | 7.740  | 82   | 1156146  | 36.890  | ng    | # 91     |
| 26) 2-Nitrophenol             | 7.816  | 139  | 318921   | 45.118  | ng    | # 80     |
| 27) 2,4-Dimethylphenol        | 7.851  | 122  | 498426   | 40.278  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 7.945  | 93   | 716108   | 41.268  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 8.057  | 162  | 495194   | 39.238  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.140  | 180  | 536592   | 38.991  | ng    | 94       |
| 31) Naphthalene               | 8.222  | 128  | 1538836  | 36.738  | ng    | 99       |
| 32) Benzoic acid              | 7.975  | 122  | 258629   | 30.793  | ng    | 87       |
| 33) 4-Chloroaniline           | 8.269  | 127  | 347771   | 21.061  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 8.334  | 225  | 338358   | 38.559  | ng    | 99       |
| 35) Caprolactam               | 8.651  | 113  | 149743m  | 45.810  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.751  | 107  | 528048   | 40.986  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 8.910  | 142  | 1072790  | 38.758  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.010  | 142  | 985223   | 38.117  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.081  | 216  | 534461   | 38.792  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.063  | 237  | 595359   | 82.248  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.192  | 196  | 369091   | 38.046  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083121\  
 Data File : BF125282.D  
 Acq On : 31 Aug 2021 10:47  
 Operator : JU/CG  
 Sample : PB138819BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138819BS

Manual Integrations  
 APPROVED

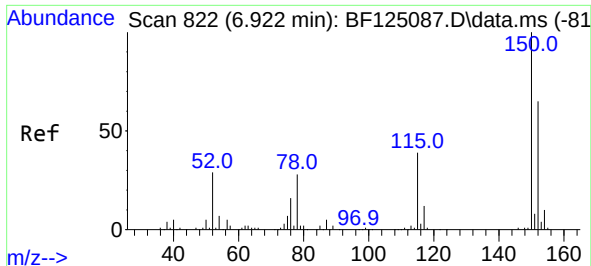
mohammad  
 9/1/2021 4:01:42 PM

Quant Time: Aug 31 12:09:48 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

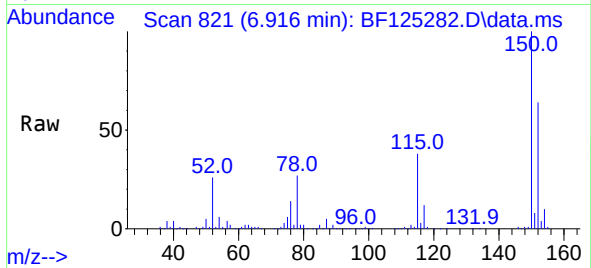
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.234  | 196  | 401385   | 39.327  | ng    | 92       |
| 46) 1,1'-Biphenyl             | 9.375  | 154  | 1225080  | 36.034  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.404  | 162  | 1024299  | 37.075  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.498  | 65   | 363744   | 42.473  | ng    | # 81     |
| 49) Acenaphthylene            | 9.816  | 152  | 1513340  | 37.590  | ng    | 98       |
| 50) Dimethylphthalate         | 9.675  | 163  | 1174335  | 40.185  | ng    | # 97     |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 257698   | 40.668  | ng    | # 86     |
| 52) Acenaphthene              | 9.992  | 154  | 893842   | 35.814  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.910  | 138  | 178111   | 26.064  | ng    | # 76     |
| 54) 2,4-Dinitrophenol         | 10.016 | 184  | 253965   | 101.464 | ng    | # 84     |
| 55) Dibenzofuran              | 10.163 | 168  | 1306508  | 36.375  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.081 | 139  | 393692   | 72.752  | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 337040   | 43.947  | ng    | # 97     |
| 58) Fluorene                  | 10.504 | 166  | 1027274  | 38.685  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.281 | 232  | 296291   | 39.119  | ng    | # 85     |
| 60) Diethylphthalate          | 10.375 | 149  | 1116623  | 39.194  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.492 | 204  | 523677   | 39.004  | ng    | 91       |
| 62) 4-Nitroaniline            | 10.528 | 138  | 256168   | 41.688  | ng    | # 82     |
| 63) Azobenzene                | 10.657 | 77   | 1155438  | 36.158  | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198  | 170832   | 44.715  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.616 | 169  | 980632   | 37.941  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.986 | 248  | 352237   | 40.636  | ng    | 90       |
| 68) Hexachlorobenzene         | 11.051 | 284  | 379946   | 42.609  | ng    | # 84     |
| 69) Atrazine                  | 11.139 | 200  | 319437   | 43.070  | ng    | 91       |
| 70) Pentachlorophenol         | 11.251 | 266  | 369362   | 70.940  | ng    | 90       |
| 71) Phenanthrene              | 11.469 | 178  | 1488510  | 37.424  | ng    | 97       |
| 72) Anthracene                | 11.522 | 178  | 1522635  | 38.839  | ng    | 98       |
| 73) Carbazole                 | 11.675 | 167  | 1297078  | 36.206  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 1586794  | 37.325  | ng    | 99       |
| 75) Fluoranthene              | 12.657 | 202  | 1470091  | 37.250  | ng    | 98       |
| 77) Benzidine                 | 12.775 | 184  | 533936   | 35.963  | ng    | 98       |
| 78) Pyrene                    | 12.886 | 202  | 1443335  | 39.580  | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 562051   | 39.225  | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.074 | 228  | 1171901  | 38.260  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.033 | 252  | 311642   | 32.823  | ng    | 97       |
| 83) Chrysene                  | 14.110 | 228  | 1146593  | 37.852  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 751870   | 38.178  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.669 | 149  | 1186679  | 36.229  | ng    | # 98     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.115 | 276  | 1412386  | 46.686  | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 1217772  | 39.693  | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.174 | 252  | 1100745  | 38.449  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.521 | 252  | 1162055  | 42.880  | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 17.127 | 278  | 1195674  | 45.722  | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 17.574 | 276  | 1230462  | 48.799  | ng    | # 87     |

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

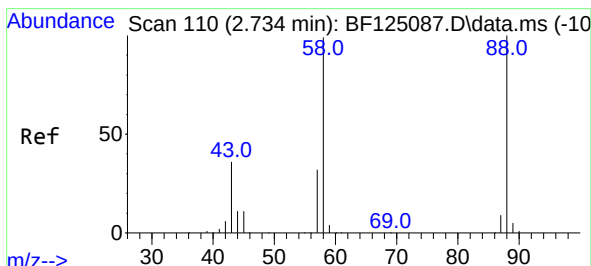
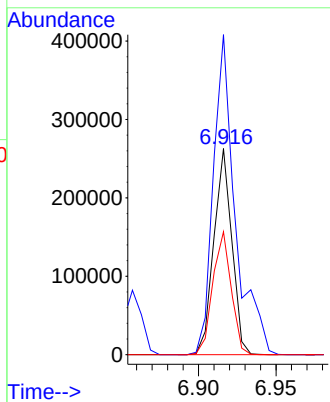
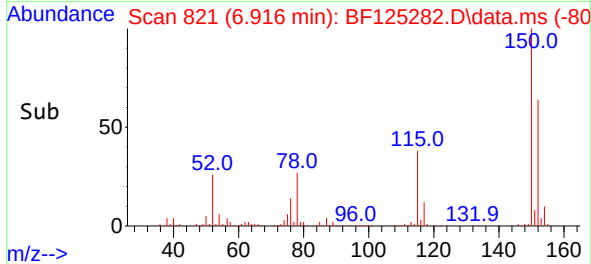




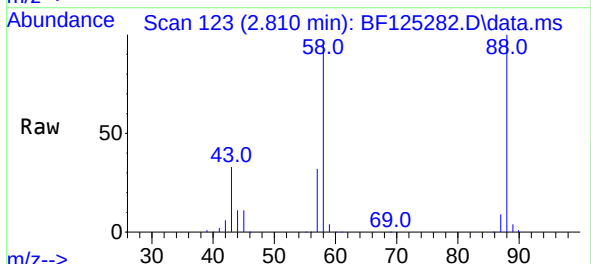
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



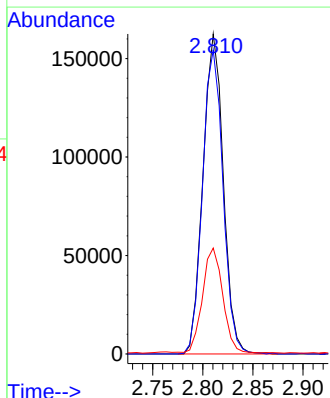
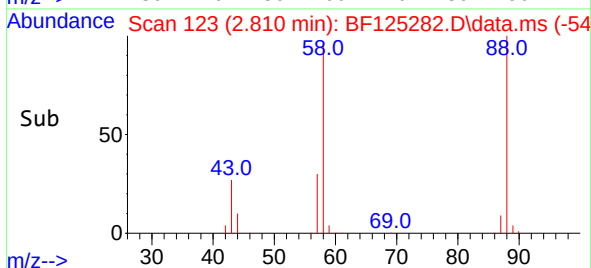
Tgt Ion:152 Resp: 212166  
Ion Ratio Lower Upper  
152 100  
150 155.3 117.6 176.4  
115 59.6 47.1 70.7



#2  
1,4-Dioxane  
Concen: 33.231 ng  
RT: 2.810 min Scan# 123  
Delta R.T. 0.106 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



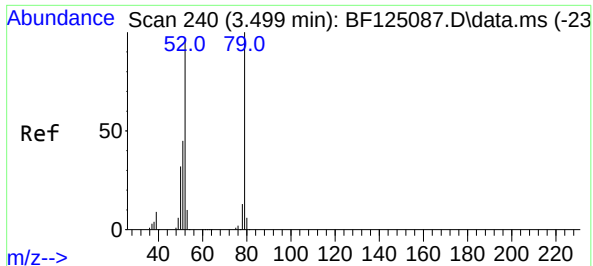
Tgt Ion: 88 Resp: 229853  
Ion Ratio Lower Upper  
88 100  
58 95.7 0.0 0.0#  
43 32.9 0.0 0.0#



Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

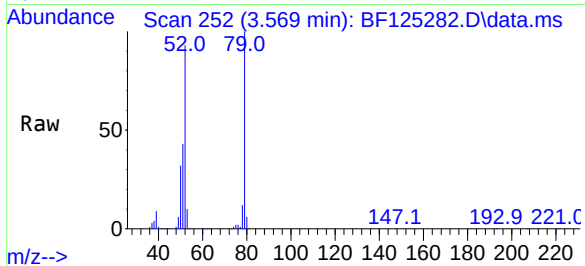
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#3  
Pyridine  
Concen: 29.591 ng  
RT: 3.569 min Scan# 252  
Delta R.T. 0.094 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

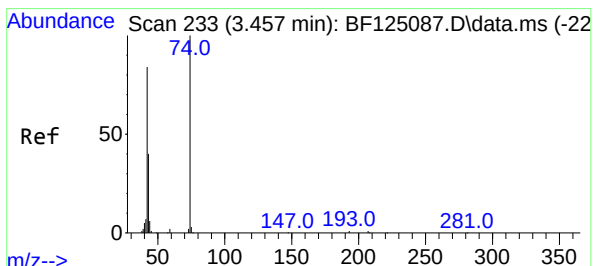
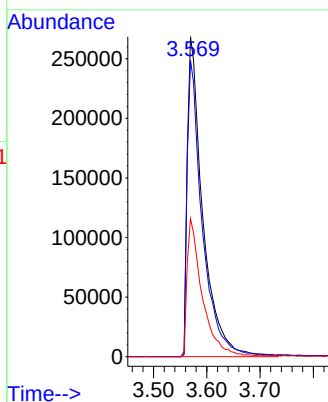
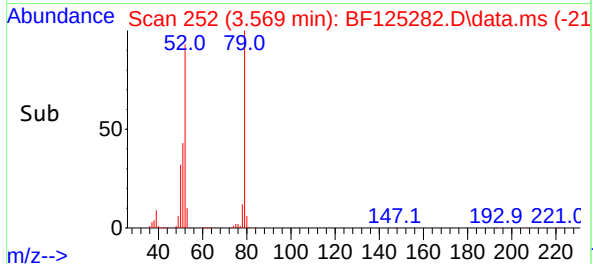
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



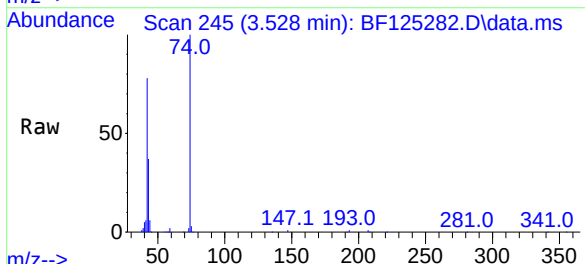
Tgt Ion: 79 Resp: 540315  
Ion Ratio Lower Upper  
79 100  
52 92.6 70.3 105.5  
51 43.1 44.1 66.1#

Manual Integrations  
APPROVED

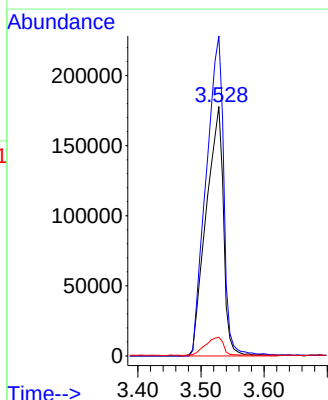
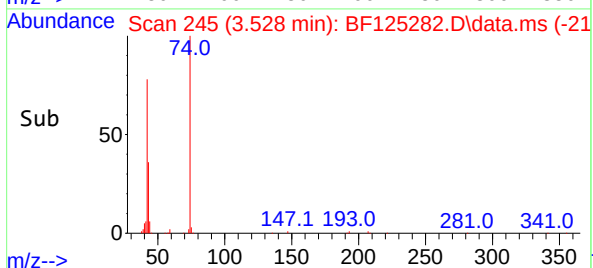
mohammad  
9/1/2021 4:01:42 PM

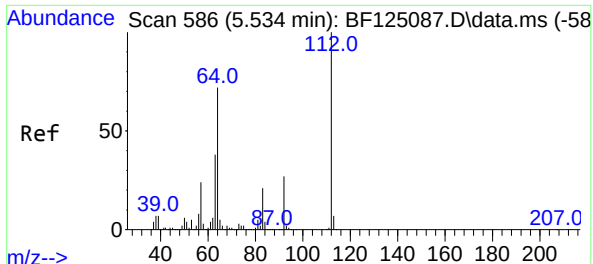


#4  
n-Nitrosodimethylamine  
Concen: 37.099 ng  
RT: 3.528 min Scan# 245  
Delta R.T. 0.100 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



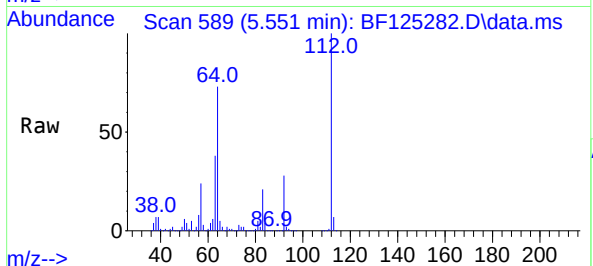
Tgt Ion: 42 Resp: 338981  
Ion Ratio Lower Upper  
42 100  
74 128.3 59.0 88.6#  
44 7.5 0.0 0.0#





#5  
2-Fluorophenol  
Concen: 106.204 ng  
RT: 5.551 min Scan# 589  
Delta R.T. 0.024 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

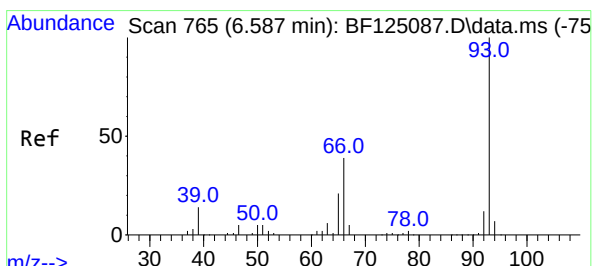
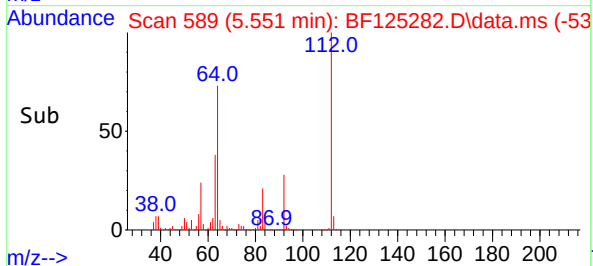
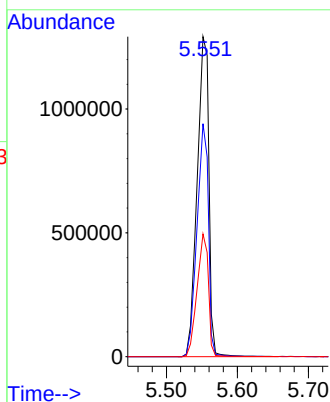
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



Tgt Ion:112 Resp: 1488689  
Ion Ratio Lower Upper  
112 100  
64 72.8 44.2 66.2#  
63 38.4 26.2 39.2

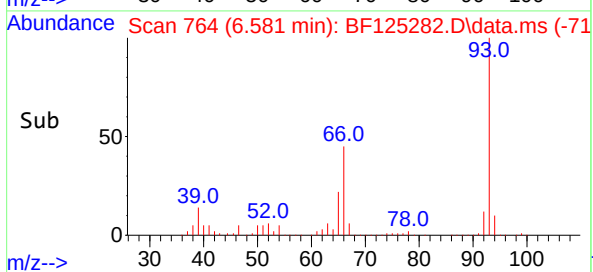
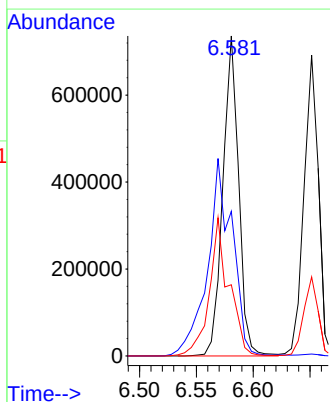
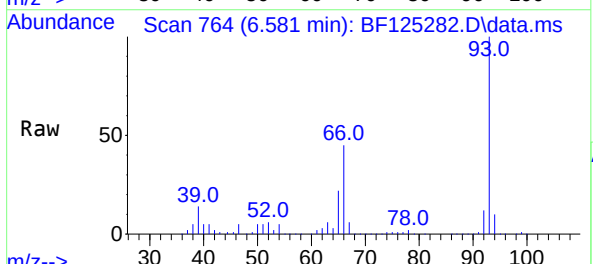
Manual Integrations  
APPROVED

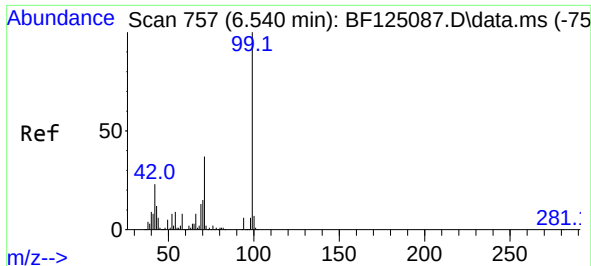
mohammad  
9/1/2021 4:01:42 PM



#6  
Aniline  
Concen: 33.544 ng  
RT: 6.581 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion: 93 Resp: 714320  
Ion Ratio Lower Upper  
93 100  
66 45.2 32.7 49.1  
65 22.3 14.2 21.4#





#7  
Phenol-d6  
Concen: 102.189 ng  
RT: 6.557 min Scan# 760  
Delta R.T. 0.018 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

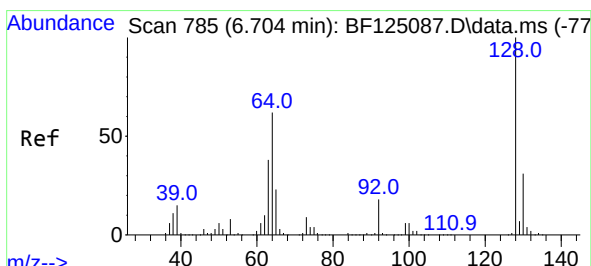
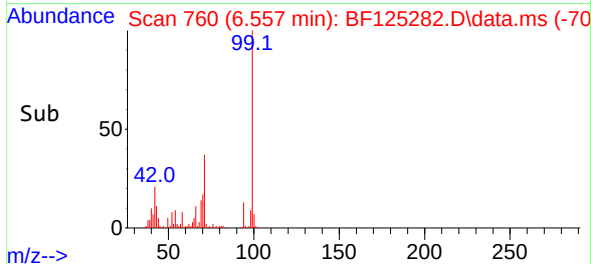
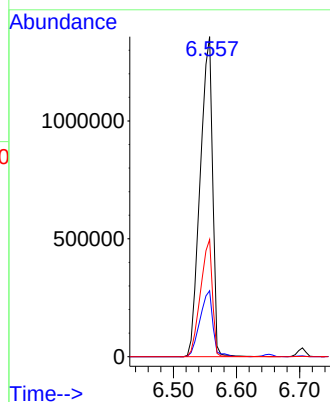
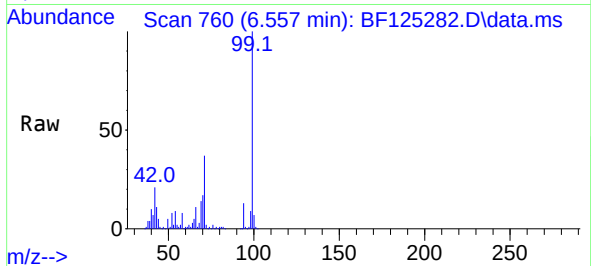
Tgt Ion: 99 Resp: 1852571

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.6  | 23.5  | 35.3# |
| 71  | 36.6  | 25.6  | 38.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

Manual Integrations  
APPROVED

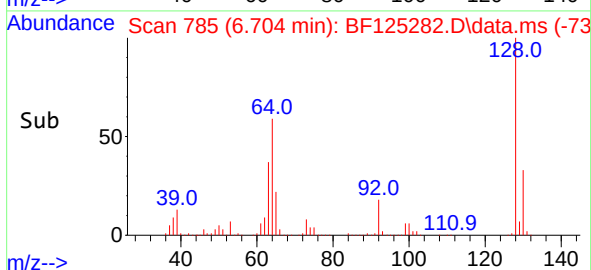
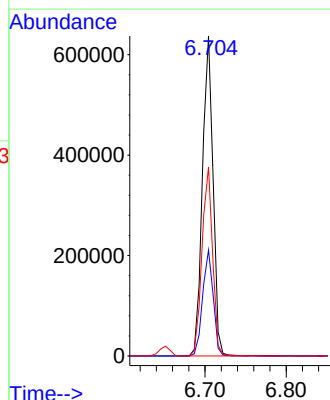
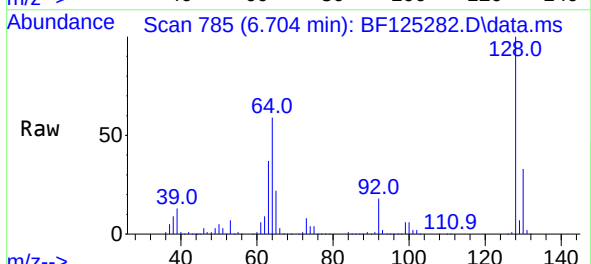
mohammad  
9/1/2021 4:01:42 PM

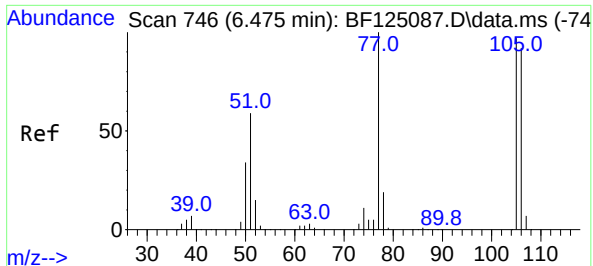


#8  
2-Chlorophenol  
Concen: 40.527 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion: 128 Resp: 579512

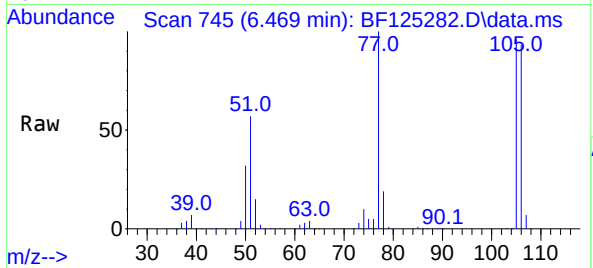
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.1  | 10.5  | 50.5  |
| 64  | 59.0  | 20.3  | 60.3  |





#9  
Benzaldehyde  
Concen: 28.770 ng  
RT: 6.469 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

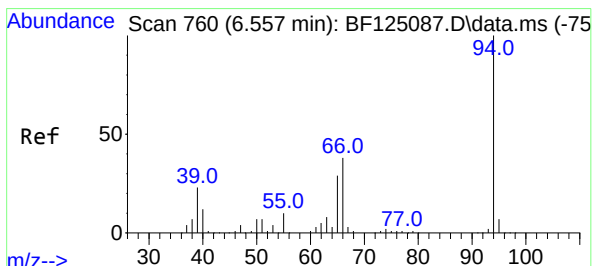
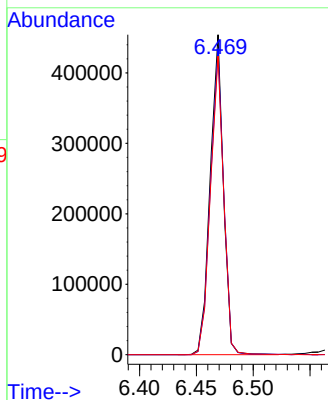
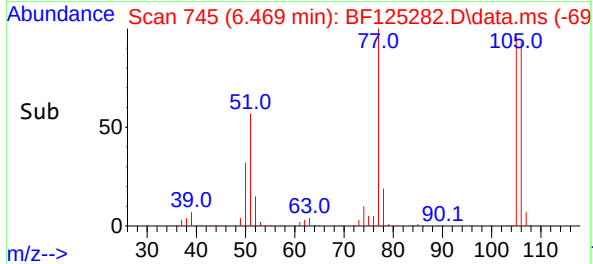
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



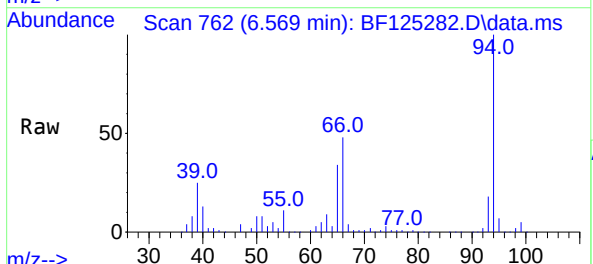
Tgt Ion: 77 Resp: 366038  
Ion Ratio Lower Upper  
77 100  
105 95.6 75.9 115.9  
106 93.3 84.0 124.0

Manual Integrations  
APPROVED

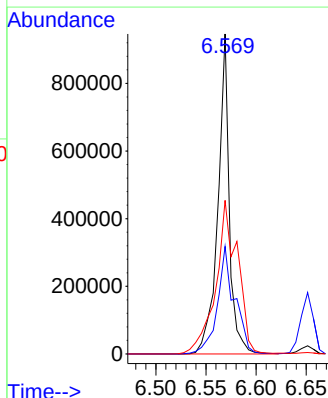
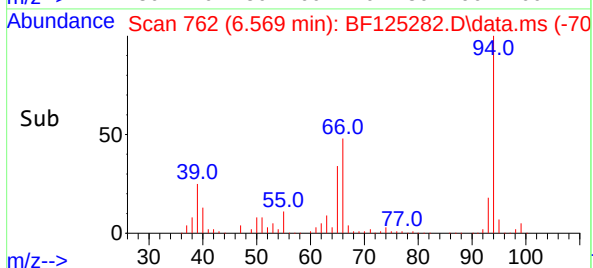
mohammad  
9/1/2021 4:01:42 PM



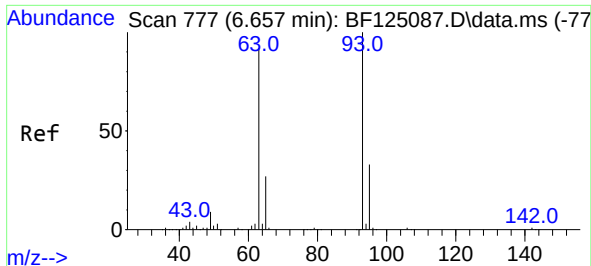
#10  
Phenol  
Concen: 39.488 ng  
RT: 6.569 min Scan# 762  
Delta R.T. 0.018 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



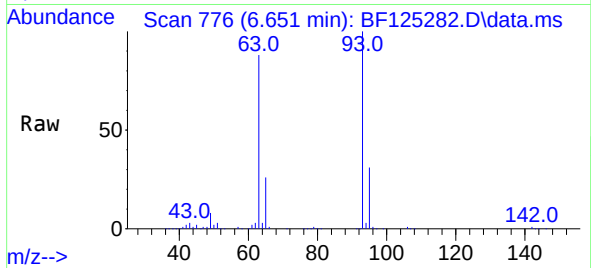
Tgt Ion: 94 Resp: 749682  
Ion Ratio Lower Upper  
94 100  
65 33.6 9.3 49.3  
66 48.0 20.3 60.3



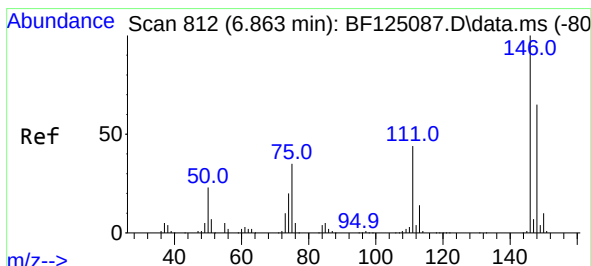
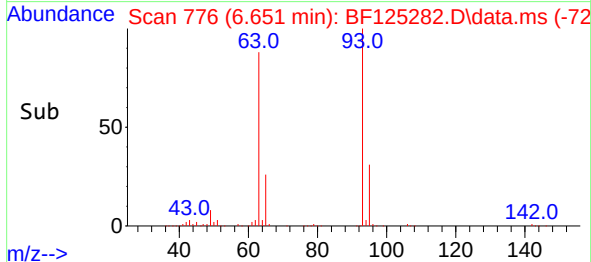
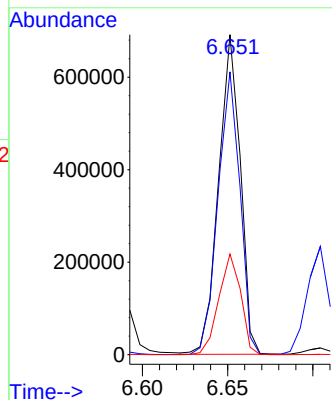




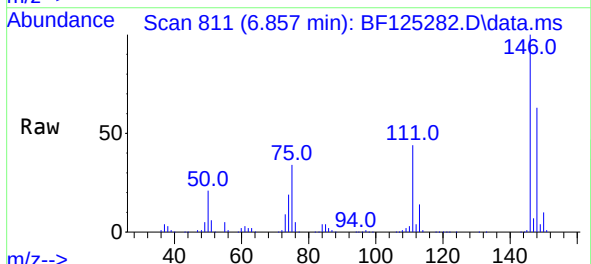
#11  
bis(2-Chloroethyl)ether  
Concen: 41.001 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



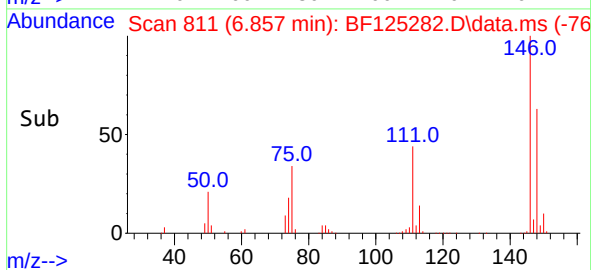
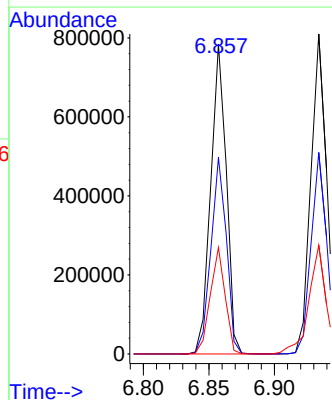
Tgt Ion: 93 Resp: 613050  
Ion Ratio Lower Upper  
93 100  
63 88.4 54.4 94.4  
95 31.5 11.4 51.4



#12  
1,3-Dichlorobenzene  
Concen: 39.153 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



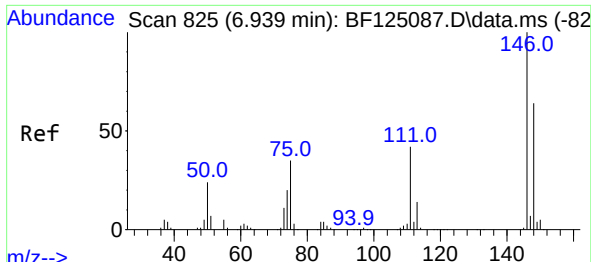
Tgt Ion: 146 Resp: 648780  
Ion Ratio Lower Upper  
146 100  
148 63.4 49.7 74.5  
75 34.3 25.2 37.8



Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



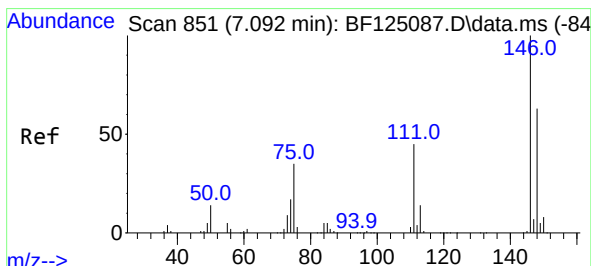
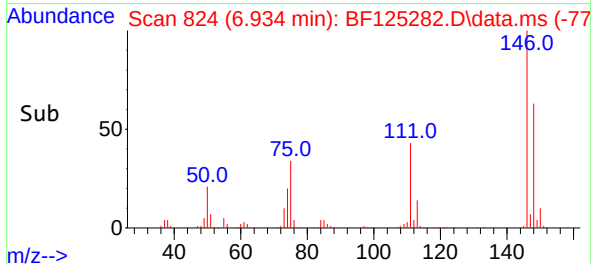
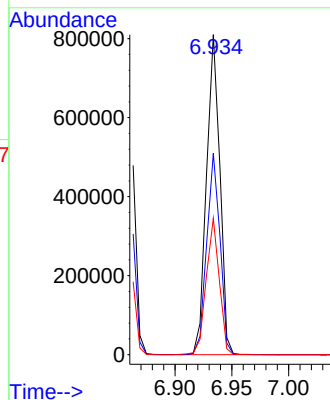
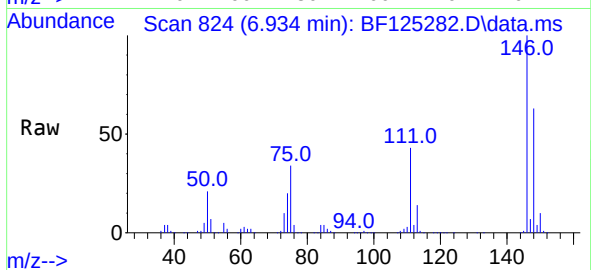
#13  
1,4-Dichlorobenzene  
Concen: 40.020 ng  
RT: 6.934 min Scan# 824  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:146 Resp: 660759  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.9 77.9  
111 42.7 31.8 47.6

Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

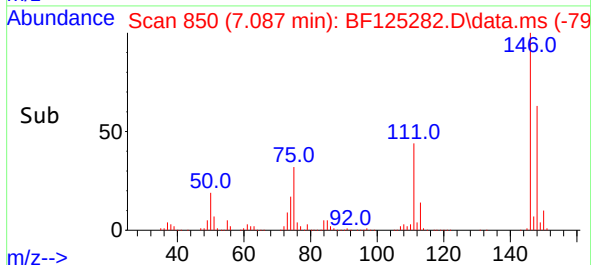
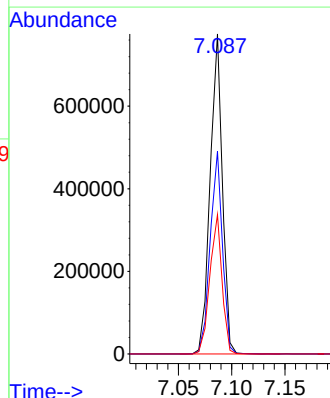
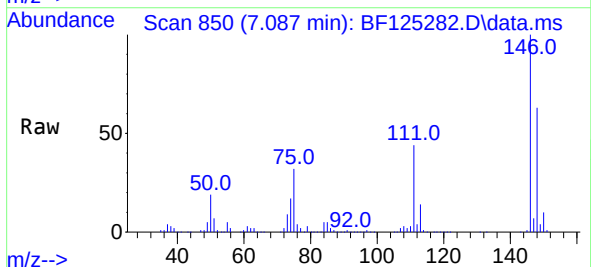
Manual Integrations  
APPROVED

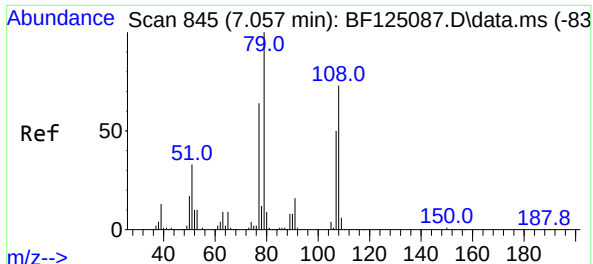
mohammad  
9/1/2021 4:01:42 PM



#14  
1,2-Dichlorobenzene  
Concen: 40.010 ng  
RT: 7.087 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

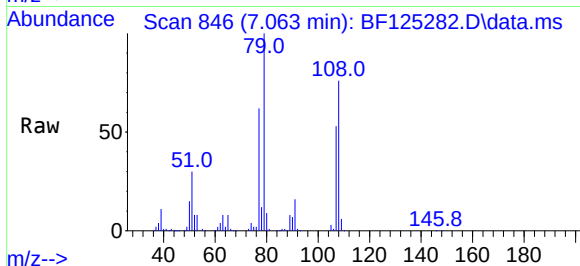
Tgt Ion:146 Resp: 621496  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.6 75.8  
111 43.5 33.5 50.3





#15  
Benzyl Alcohol  
Concen: 39.208 ng  
RT: 7.063 min Scan# 846  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

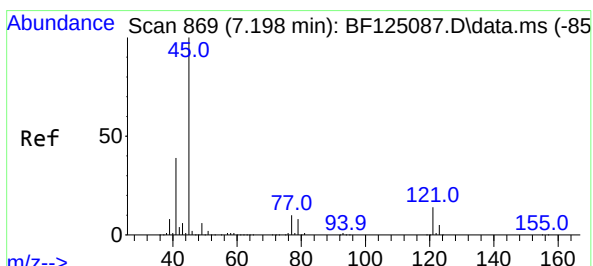
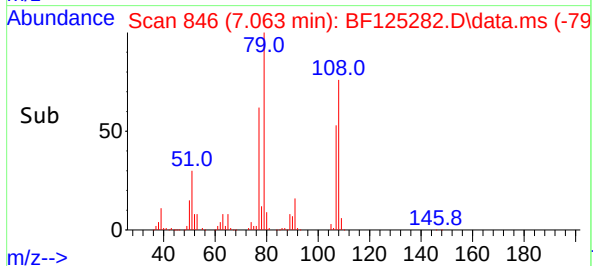
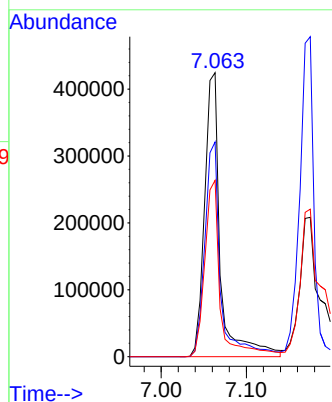
Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS



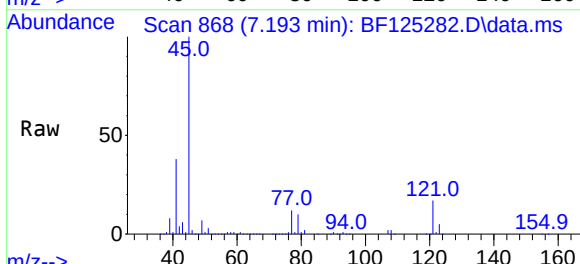
Tgt Ion: 79 Resp: 547268  
Ion Ratio Lower Upper  
79 100  
108 75.6 60.4 90.6  
77 62.1 51.5 77.3

Manual Integrations  
APPROVED

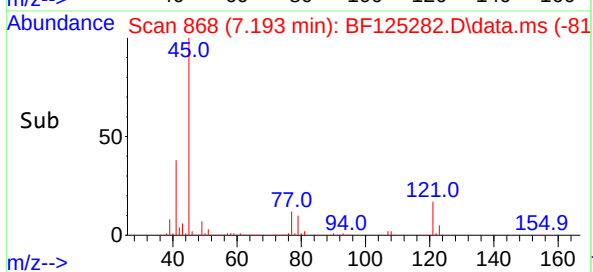
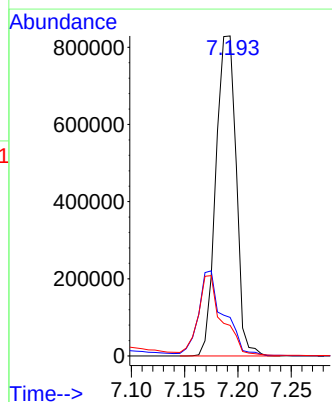
mohammad  
9/1/2021 4:01:42 PM

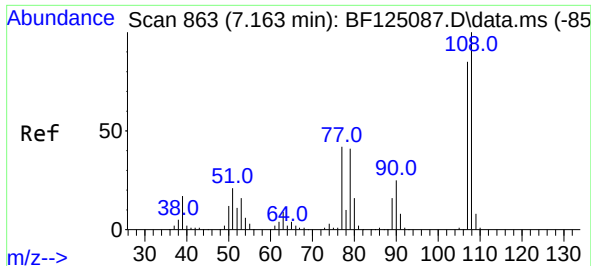


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.510 ng  
RT: 7.193 min Scan# 868  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



Tgt Ion: 45 Resp: 1094769  
Ion Ratio Lower Upper  
45 100  
77 12.1 0.0 30.6  
79 9.5 0.0 27.5





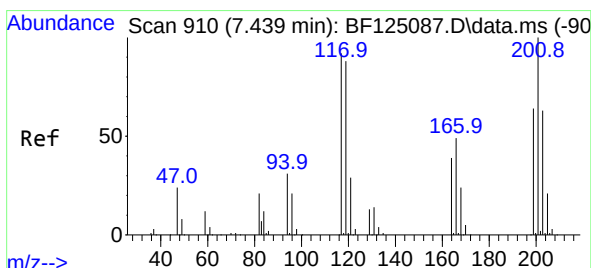
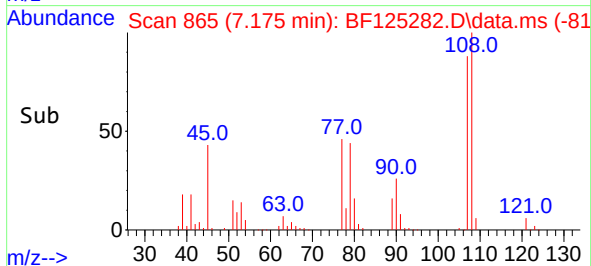
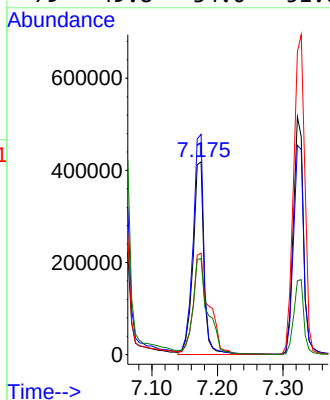
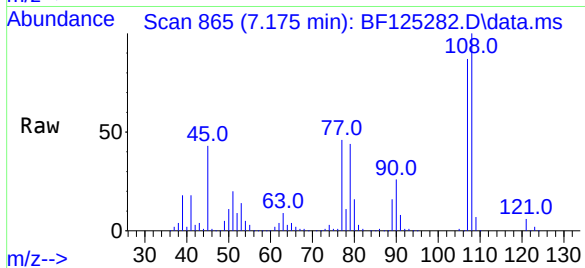
#17  
2-Methylphenol  
Concen: 40.541 ng  
RT: 7.175 min Scan# 865  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 486980 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.3 | 90.6  | 135.8  |
| 77       | 52.7  | 35.7  | 53.5   |
| 79       | 49.8  | 34.0  | 51.0   |

Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

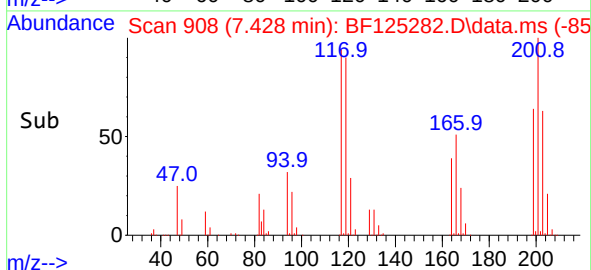
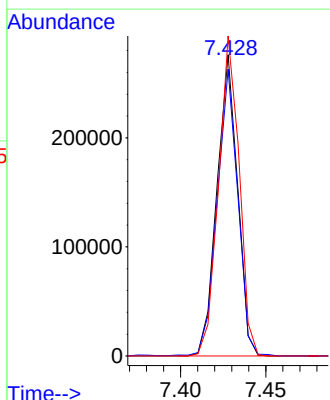
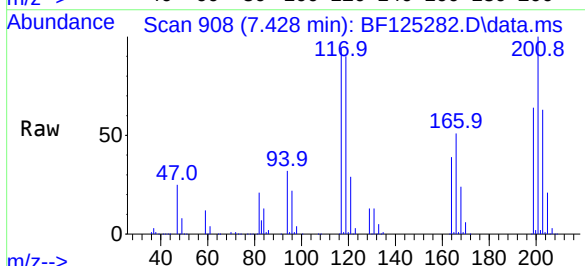
Manual Integrations  
APPROVED

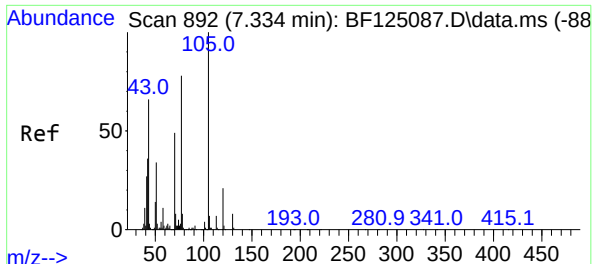
mohammad  
9/1/2021 4:01:42 PM



#18  
Hexachloroethane  
Concen: 40.190 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

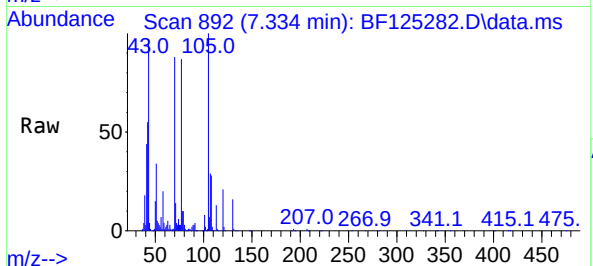
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 232368 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.2  | 73.4  | 110.2  |
| 201      | 106.2 | 64.9  | 97.3#  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.113 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

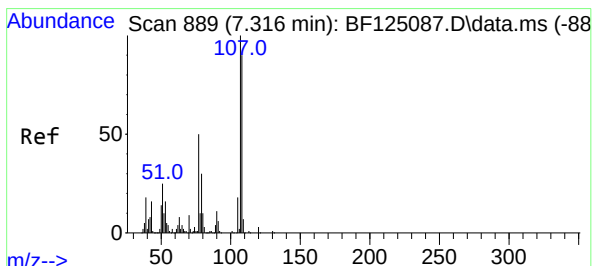
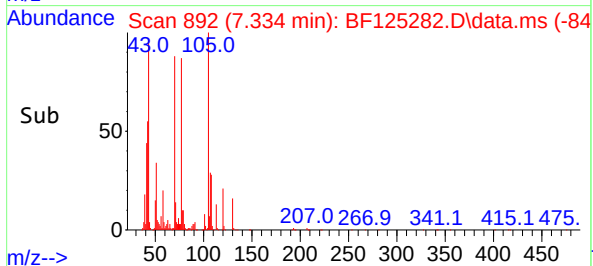
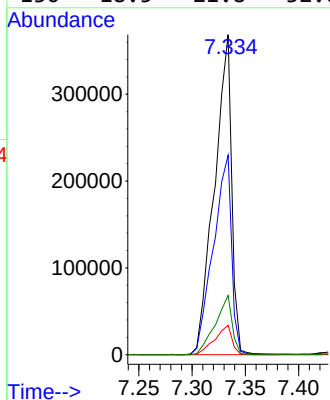
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



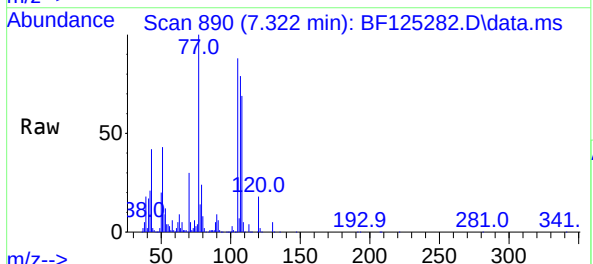
Tgt Ion: 70 Resp: 415590  
Ion Ratio Lower Upper  
70 100  
42 62.3 72.2 108.2#  
101 9.2 7.8 11.8  
130 18.5 21.8 32.6#

Manual Integrations  
APPROVED

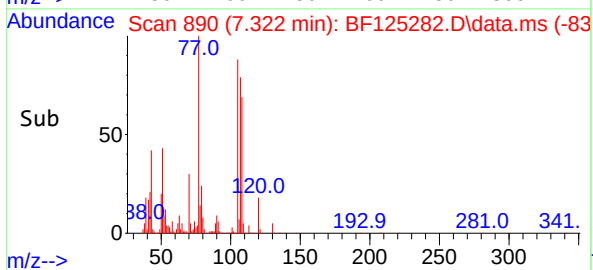
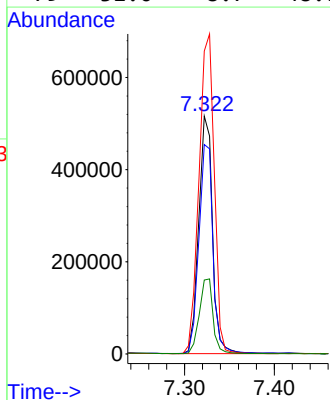
mohammad  
9/1/2021 4:01:42 PM

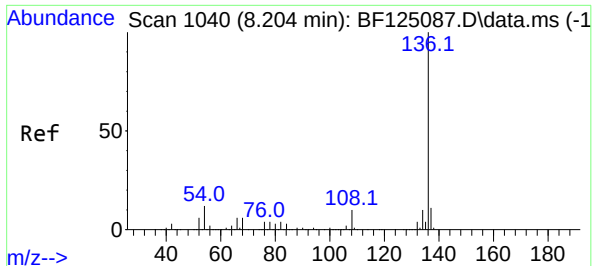


#20  
3+4-Methylphenols  
Concen: 36.514 ng  
RT: 7.322 min Scan# 890  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



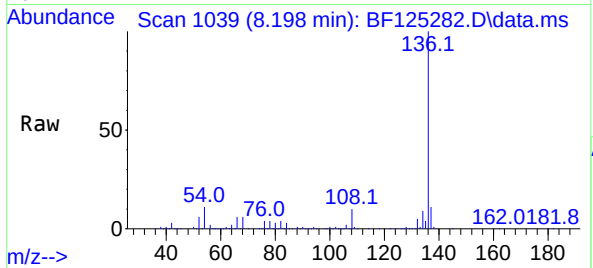
Tgt Ion: 107 Resp: 550577  
Ion Ratio Lower Upper  
107 100  
108 88.0 76.6 116.6  
77 127.3 53.3 93.3#  
79 31.0 8.7 48.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

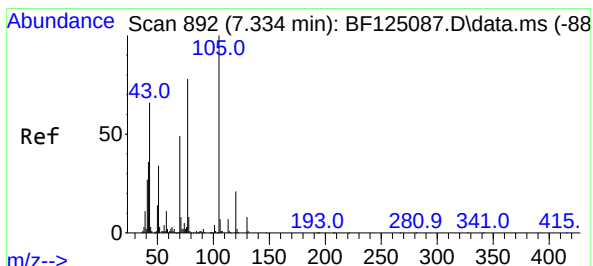
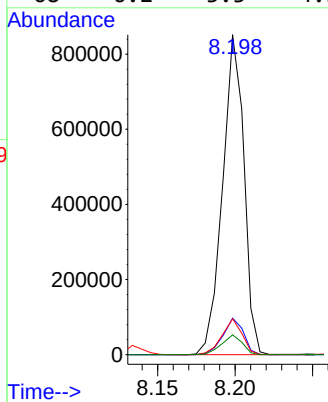
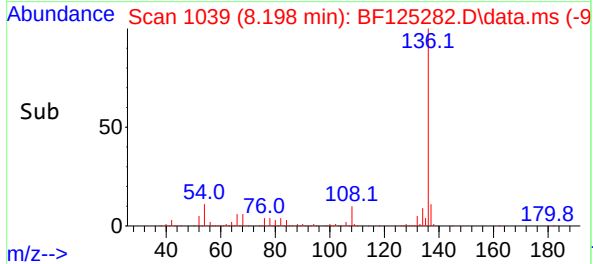


Tgt Ion:136 Resp: 817888

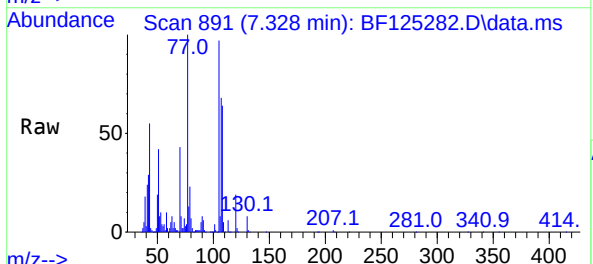
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 9.8   | 14.6  |
| 54  | 11.2  | 6.4   | 9.6#  |
| 68  | 6.2   | 3.3   | 4.9#  |

Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM

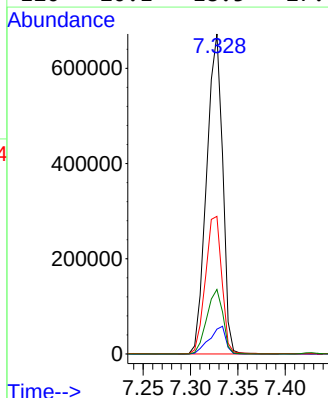
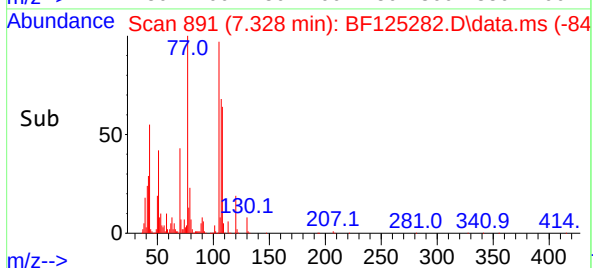


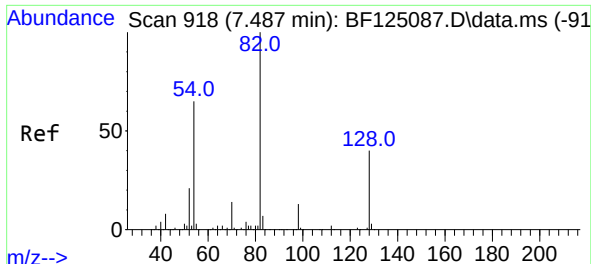
#22  
Acetophenone  
Concen: 37.425 ng  
RT: 7.328 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



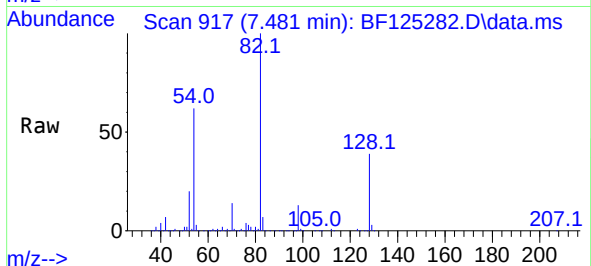
Tgt Ion:105 Resp: 787764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.8   | 5.5   | 8.3   |
| 51  | 43.0  | 26.0  | 39.0# |
| 120 | 20.1  | 18.5  | 27.7  |

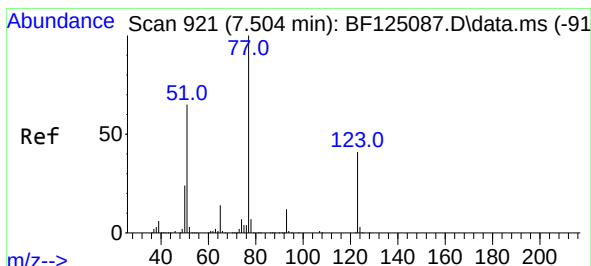
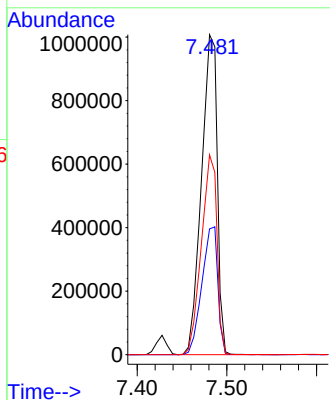
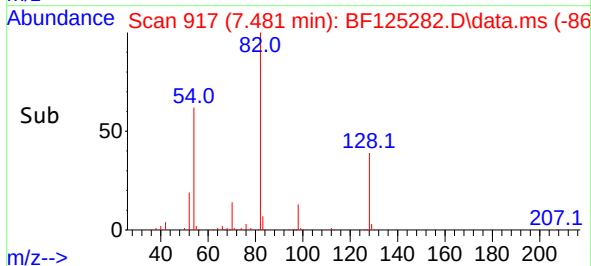




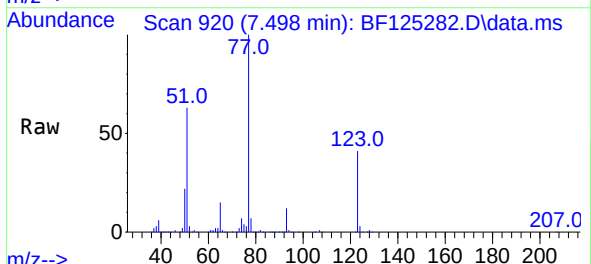
#23  
Nitrobenzene-d5  
Concen: 75.959 ng  
RT: 7.481 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



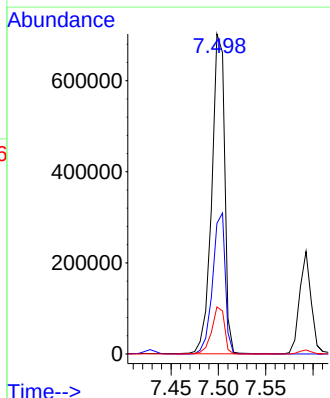
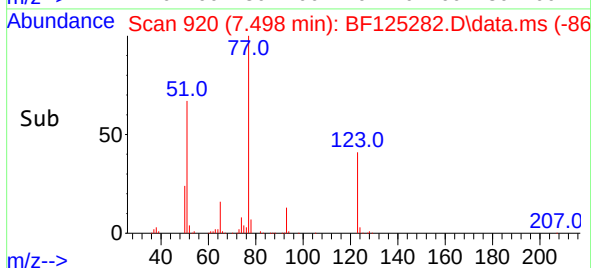
Tgt Ion: 82 Resp: 1234029  
Ion Ratio Lower Upper  
82 100  
128 39.3 40.6 60.8#  
54 62.4 49.6 74.4



#24  
Nitrobenzene  
Concen: 37.710 ng  
RT: 7.498 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



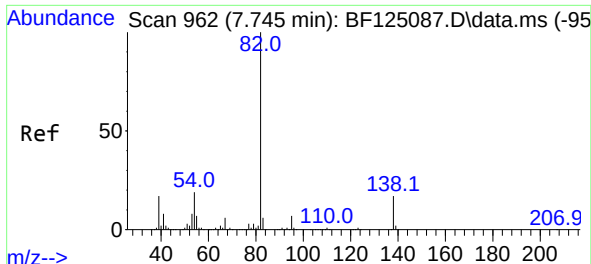
Tgt Ion: 77 Resp: 667555  
Ion Ratio Lower Upper  
77 100  
123 40.8 42.3 63.5#  
65 14.7 12.4 18.6



Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

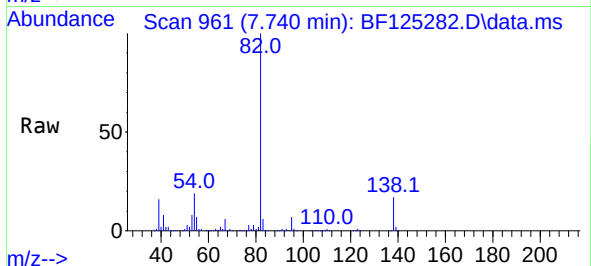
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#25  
Isophorone  
Concen: 36.890 ng  
RT: 7.740 min Scan# 961  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

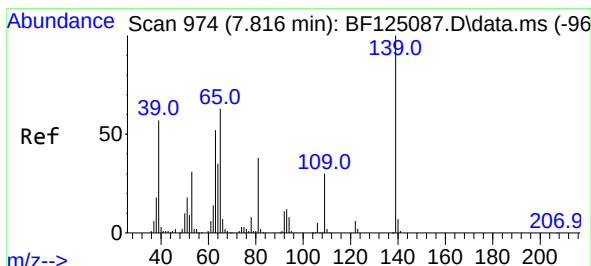
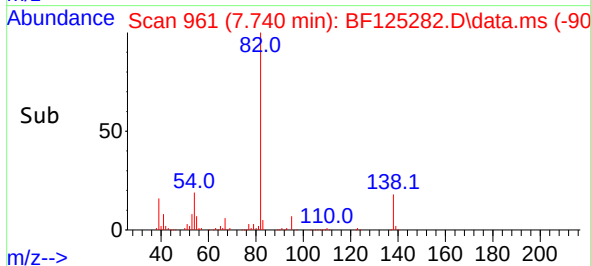
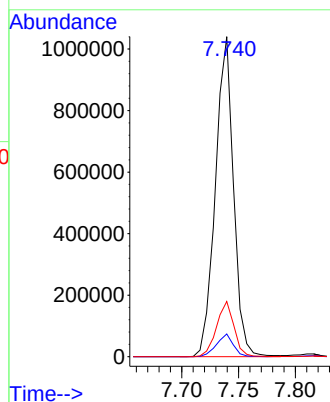
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



Tgt Ion: 82 Resp: 1156146  
Ion Ratio Lower Upper  
82 100  
95 7.1 6.5 9.7  
138 17.2 18.4 27.6#

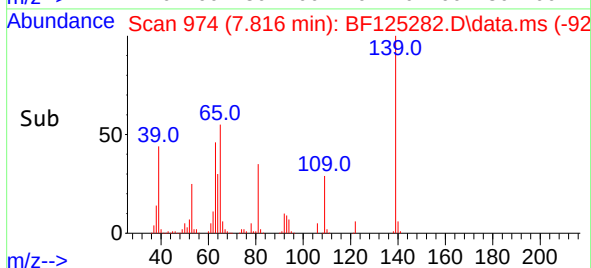
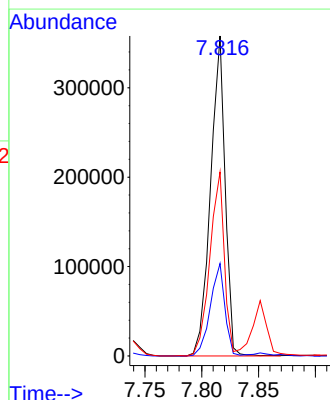
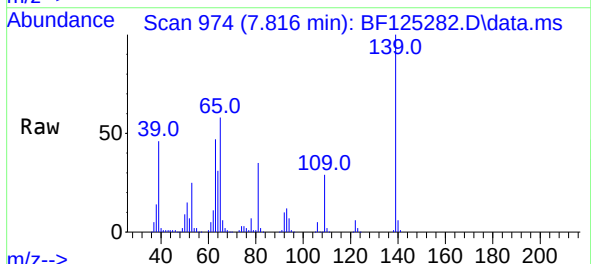
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM

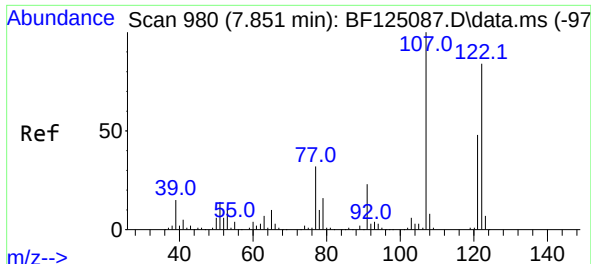


#26  
2-Nitrophenol  
Concen: 45.118 ng  
RT: 7.816 min Scan# 974  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

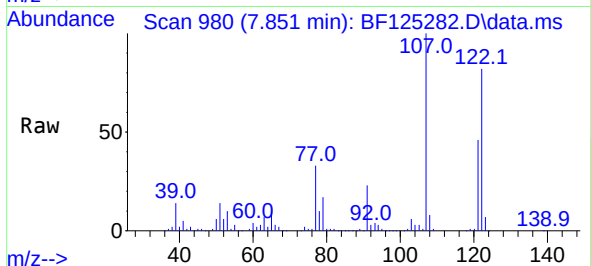
Tgt Ion: 139 Resp: 318921  
Ion Ratio Lower Upper  
139 100  
109 28.9 26.0 39.0  
65 57.5 31.0 46.4#



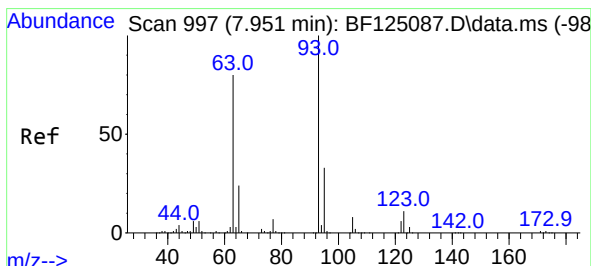
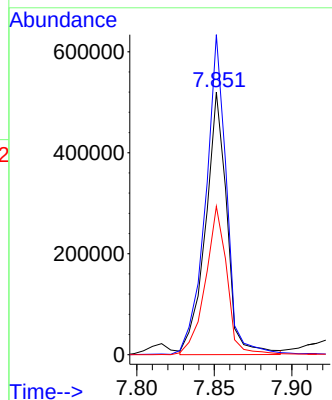
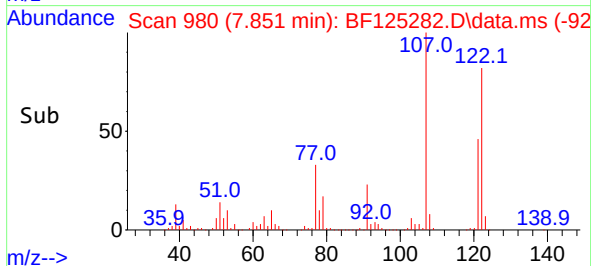




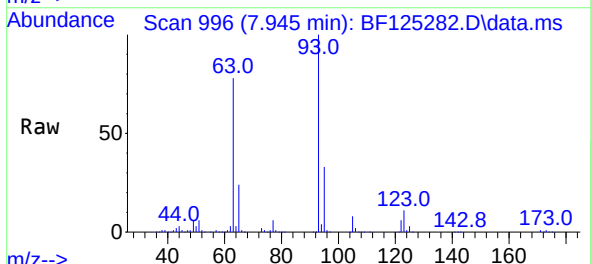
#27  
2,4-Dimethylphenol  
Concen: 40.278 ng  
RT: 7.851 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



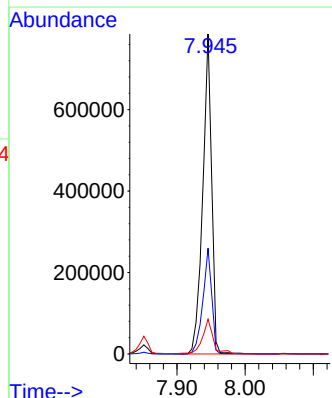
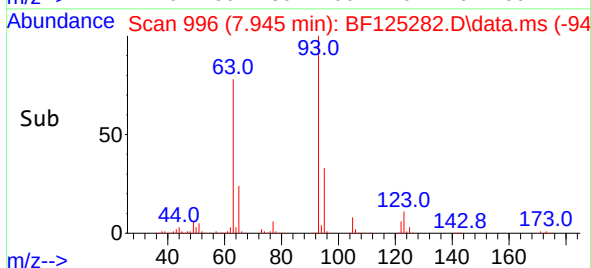
Tgt Ion:122 Resp: 498426  
Ion Ratio Lower Upper  
122 100  
107 121.9 85.0 127.6  
121 56.5 43.3 64.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.268 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



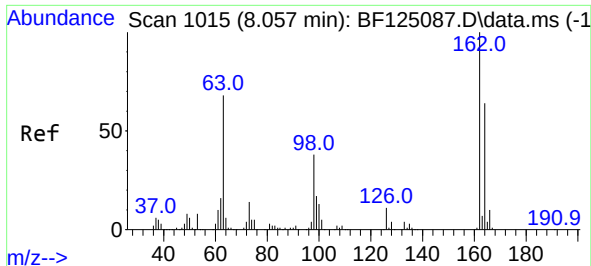
Tgt Ion: 93 Resp: 716108  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.1 39.1  
123 10.9 11.7 17.5#



Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

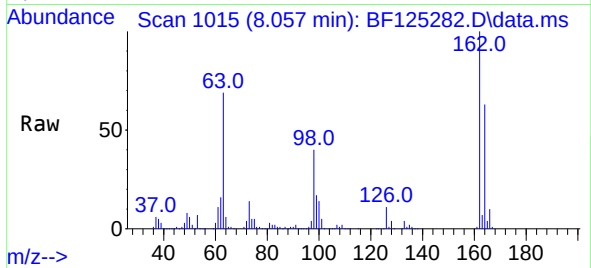
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#29  
2,4-Dichlorophenol  
Concen: 39.238 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

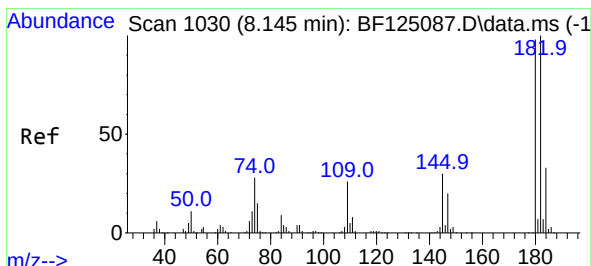
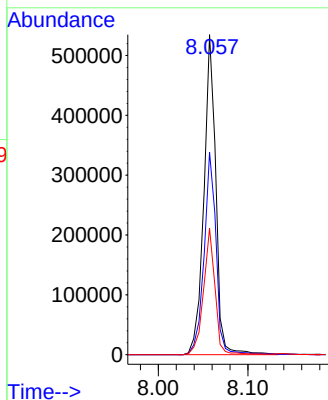
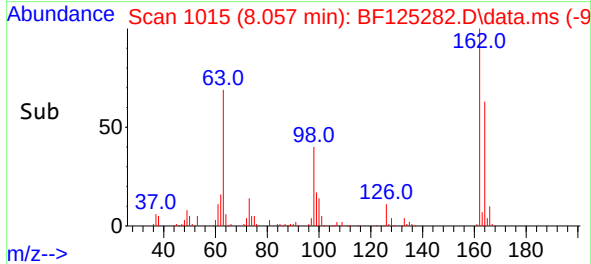
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



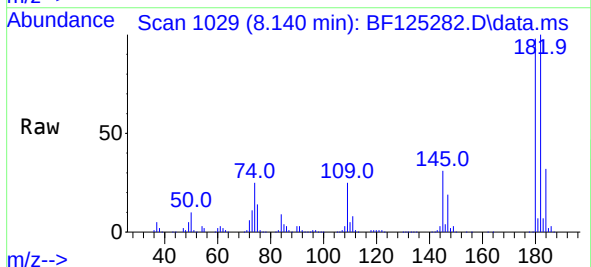
Tgt Ion:162 Resp: 495194  
Ion Ratio Lower Upper  
162 100  
164 63.2 44.5 84.5  
98 39.5 13.0 53.0

Manual Integrations  
APPROVED

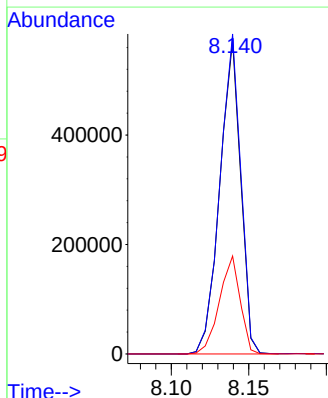
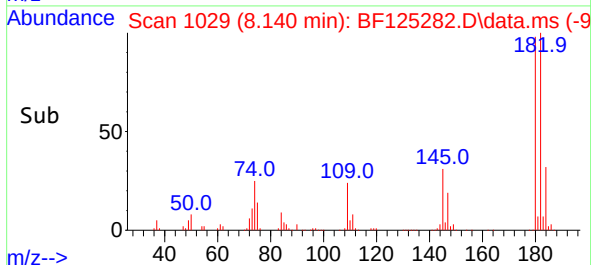
mohammad  
9/1/2021 4:01:42 PM

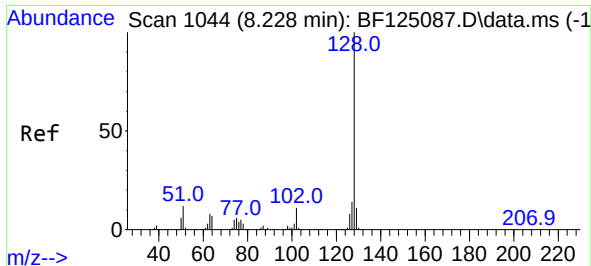


#30  
1,2,4-Trichlorobenzene  
Concen: 38.991 ng  
RT: 8.140 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



Tgt Ion:180 Resp: 536592  
Ion Ratio Lower Upper  
180 100  
182 102.0 76.8 115.2  
145 31.2 26.7 40.1





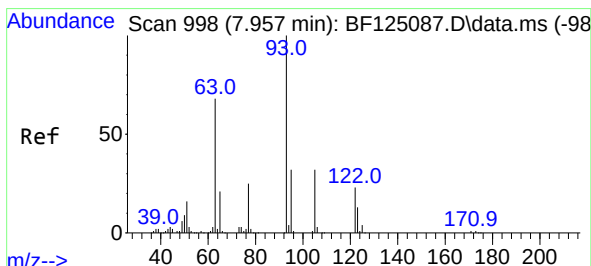
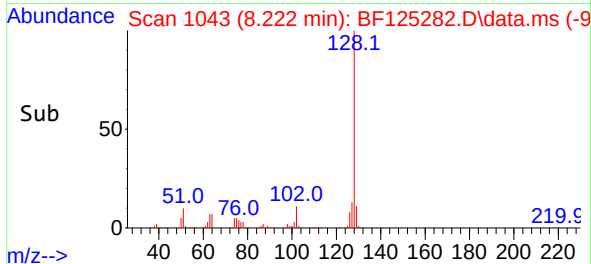
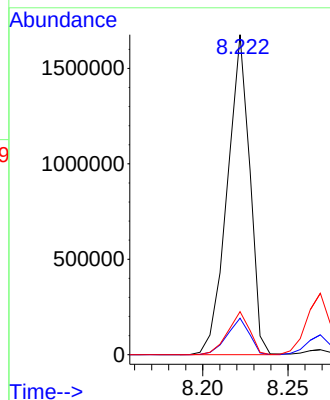
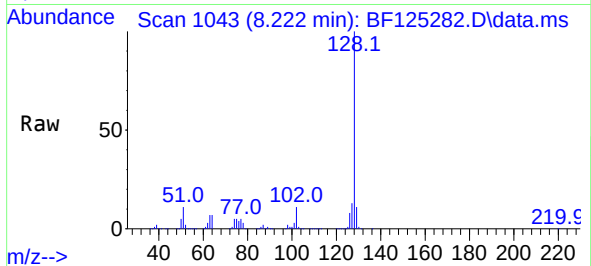
#31  
Naphthalene  
Concen: 36.738 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:128 Resp: 1538836  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.4 14.0  
127 13.4 10.9 16.3

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

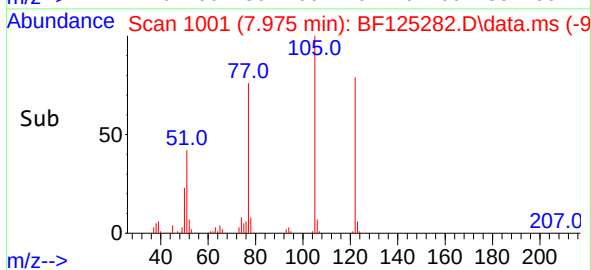
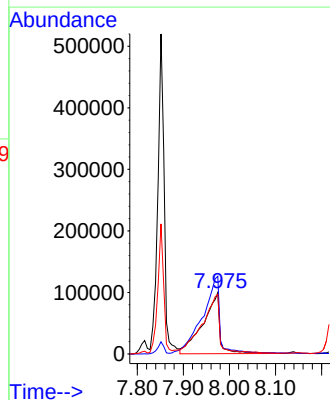
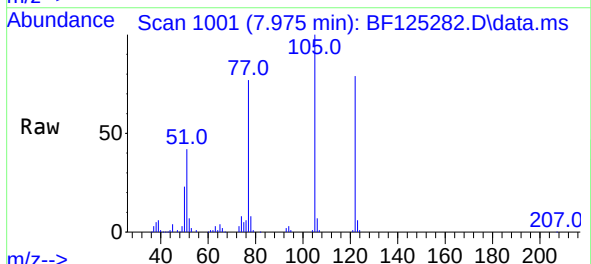
Manual Integrations  
APPROVED

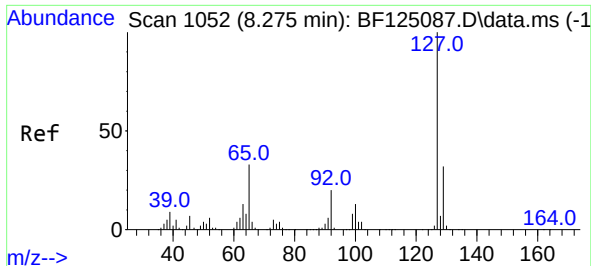
mohammad  
9/1/2021 4:01:42 PM



#32  
Benzoic acid  
Concen: 30.793 ng  
RT: 7.975 min Scan# 1001  
Delta R.T. 0.030 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

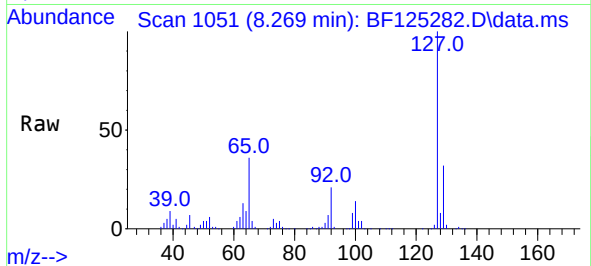
Tgt Ion:122 Resp: 258629  
Ion Ratio Lower Upper  
122 100  
105 126.9 97.6 137.6  
77 97.5 59.6 99.6





#33  
4-Chloroaniline  
Concen: 21.061 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

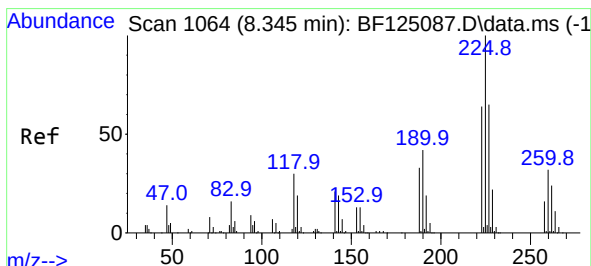
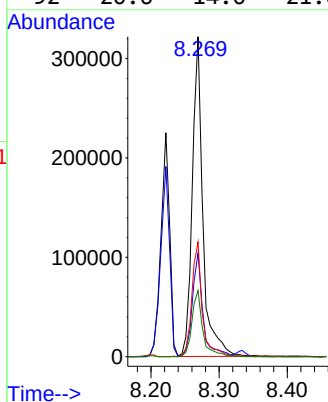
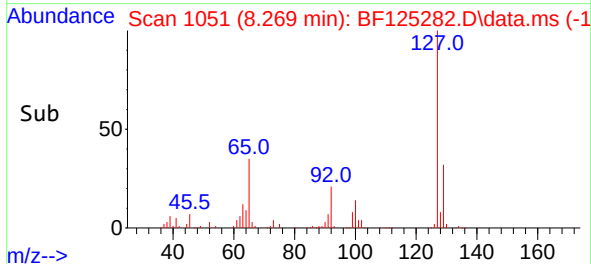
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



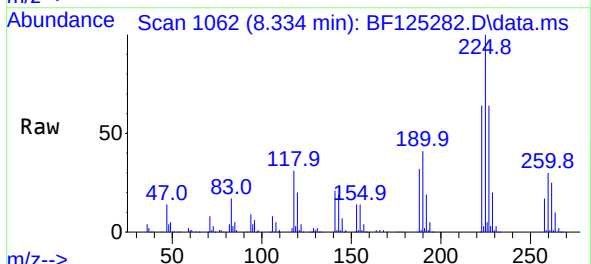
Tgt Ion:127 Resp: 347771  
Ion Ratio Lower Upper  
127 100  
129 32.4 25.7 38.5  
65 35.8 21.2 31.8#  
92 20.6 14.0 21.0

Manual Integrations  
APPROVED

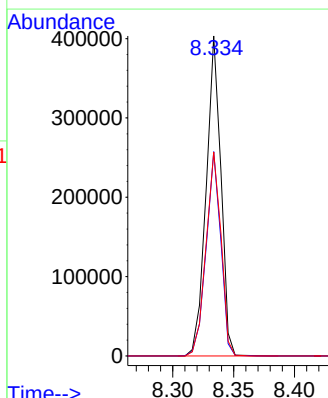
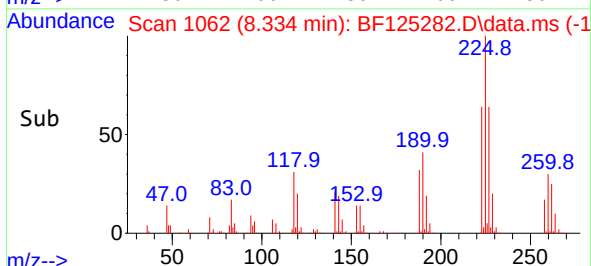
mohammad  
9/1/2021 4:01:42 PM

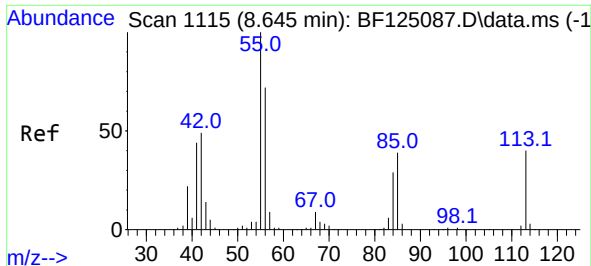


#34  
Hexachlorobutadiene  
Concen: 38.559 ng  
RT: 8.334 min Scan# 1062  
Delta R.T. -0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



Tgt Ion:225 Resp: 338358  
Ion Ratio Lower Upper  
225 100  
223 63.9 50.6 76.0  
227 63.7 50.6 75.8





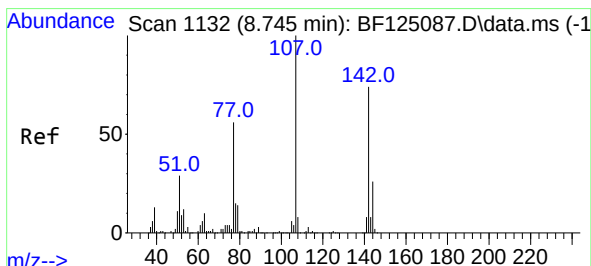
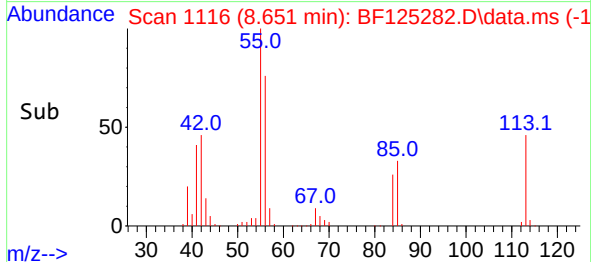
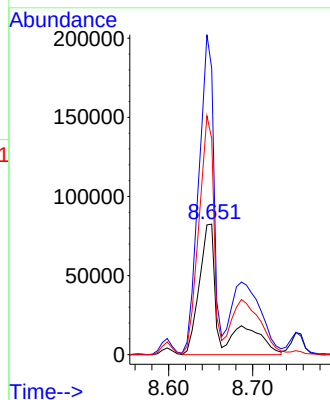
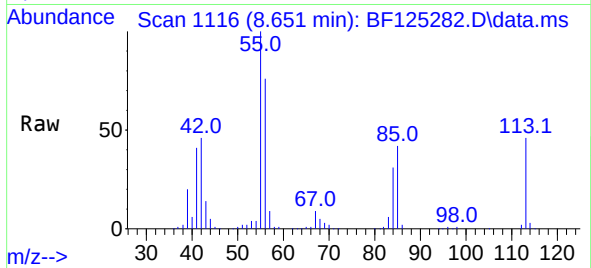
#35  
Caprolactam  
Concen: 45.810 ng m  
RT: 8.651 min Scan# 1116  
Delta R.T. 0.024 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:113 Resp: 149743  
Ion Ratio Lower Upper  
113 100  
55 219.0 154.1 194.1#  
56 165.4 108.7 148.7#

Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

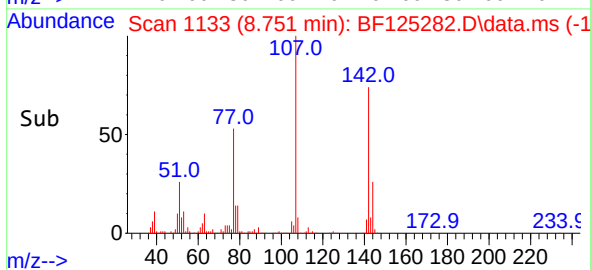
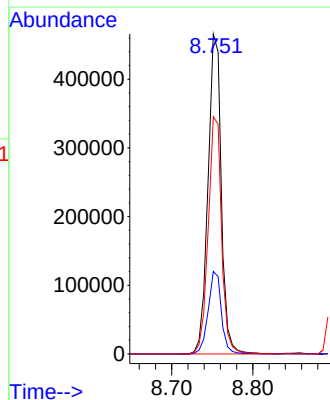
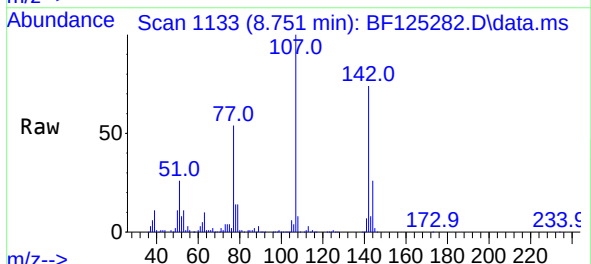
Manual Integrations  
APPROVED

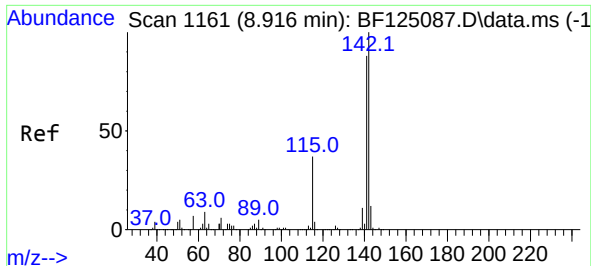
mohammad  
9/1/2021 4:01:42 PM



#36  
4-Chloro-3-methylphenol  
Concen: 40.986 ng  
RT: 8.751 min Scan# 1133  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:107 Resp: 528048  
Ion Ratio Lower Upper  
107 100  
144 25.8 21.9 32.9  
142 74.1 67.1 100.7





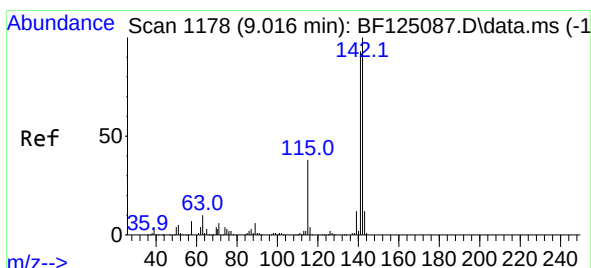
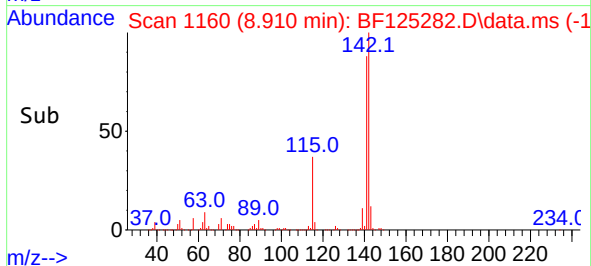
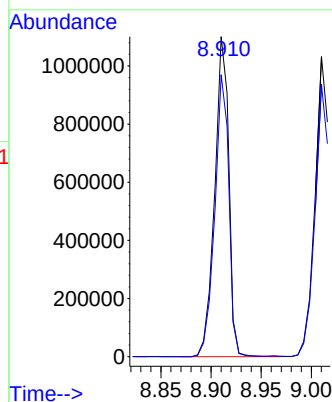
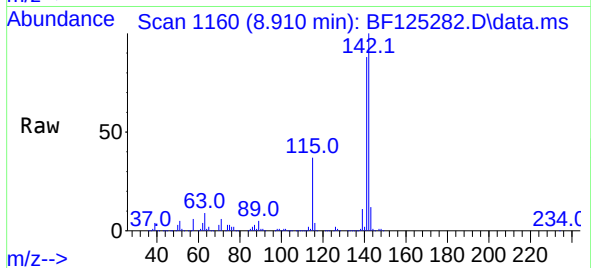
#37  
2-Methylnaphthalene  
Concen: 38.758 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

Tgt Ion:142 Resp: 1072790  
Ion Ratio Lower Upper  
142 100  
141 88.1 71.2 106.8

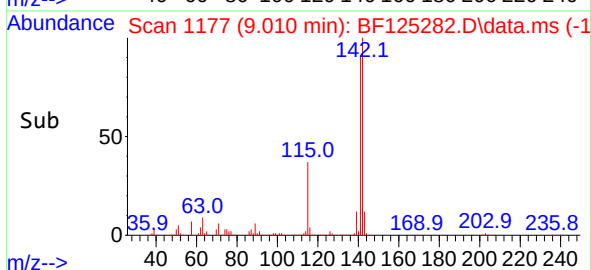
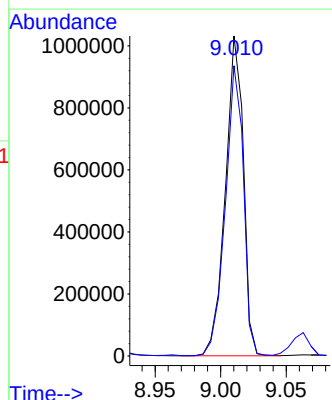
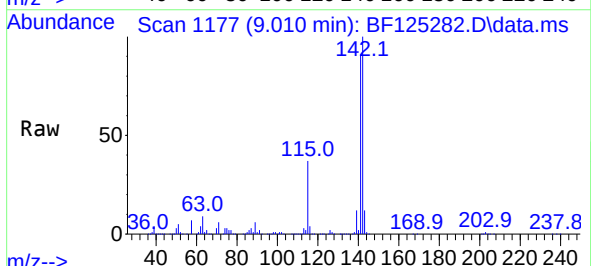
Manual Integrations  
APPROVED

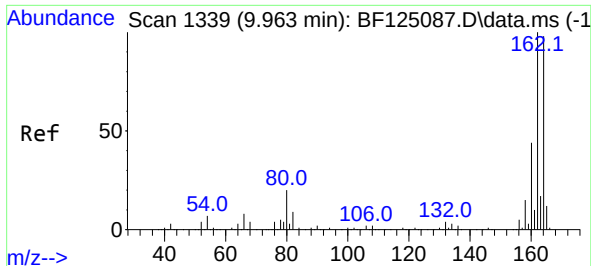
mohammad  
9/1/2021 4:01:42 PM



#38  
1-Methylnaphthalene  
Concen: 38.117 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:142 Resp: 985223  
Ion Ratio Lower Upper  
142 100  
141 90.7 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF125282.D

Acq: 31 Aug 2021 10:47

Tgt Ion:164 Resp: 421701

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

160 46.2 38.0 57.0

Instrument :

BNA\_F

ClientSampleId :

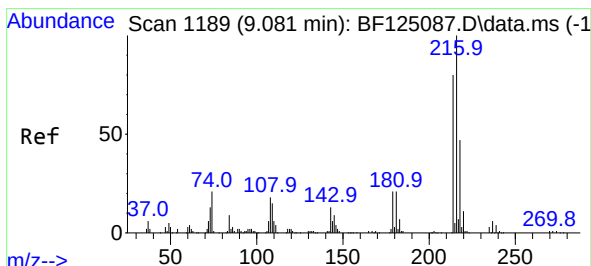
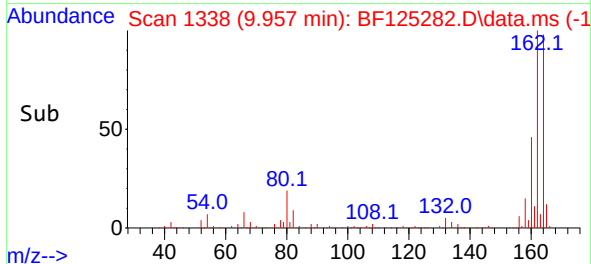
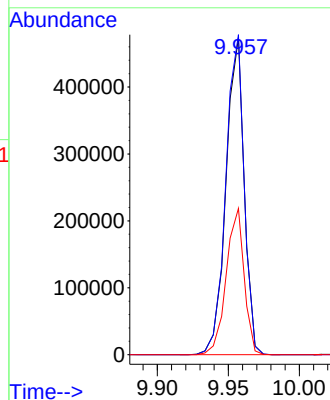
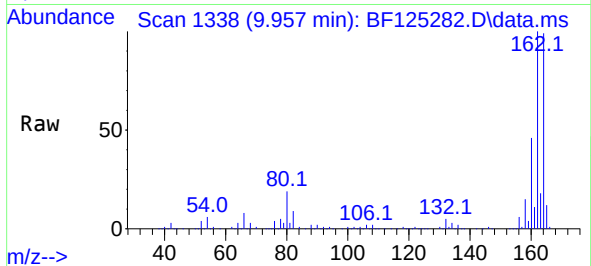
PB138819BS

Manual Integrations

APPROVED

mohammad

9/1/2021 4:01:42 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.792 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF125282.D

Acq: 31 Aug 2021 10:47

Tgt Ion:216 Resp: 534461

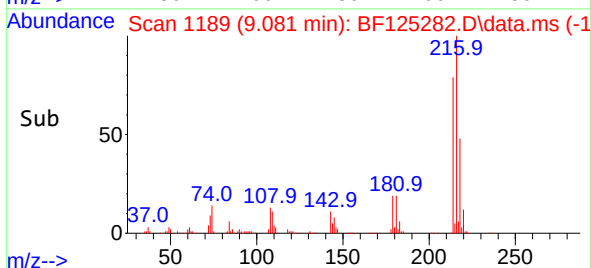
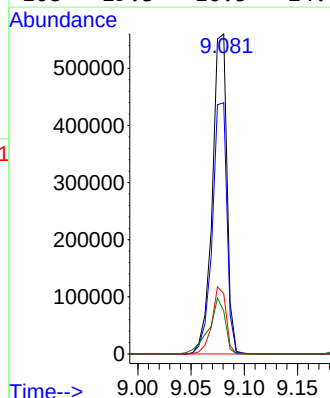
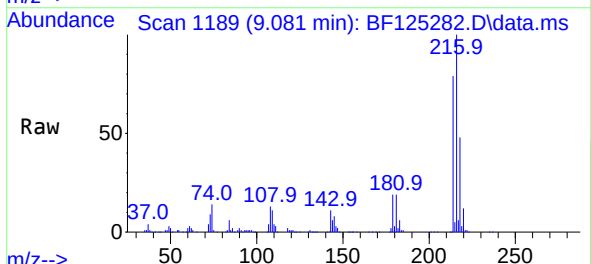
Ion Ratio Lower Upper

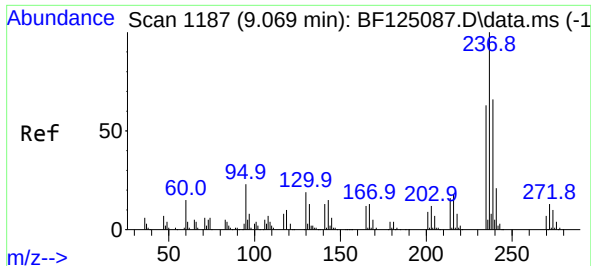
216 100

214 78.6 64.9 97.3

179 20.1 17.4 26.2

108 19.3 16.5 24.7





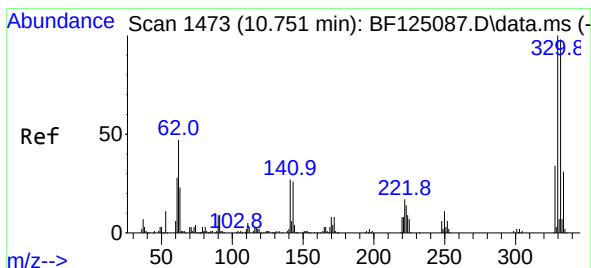
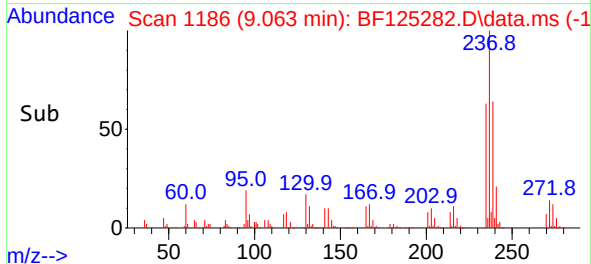
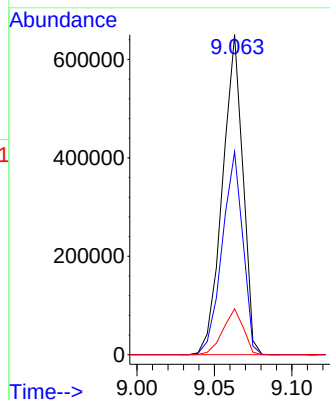
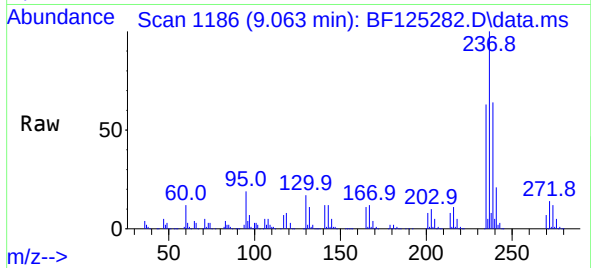
#41  
Hexachlorocyclopentadiene  
Concen: 82.248 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:237 Resp: 595359  
Ion Ratio Lower Upper  
237 100  
235 63.4 44.7 84.7  
272 14.3 0.0 31.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

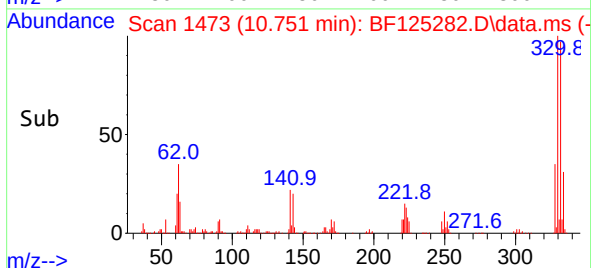
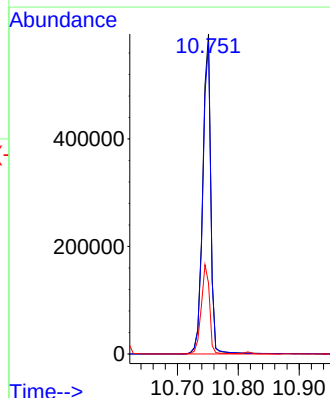
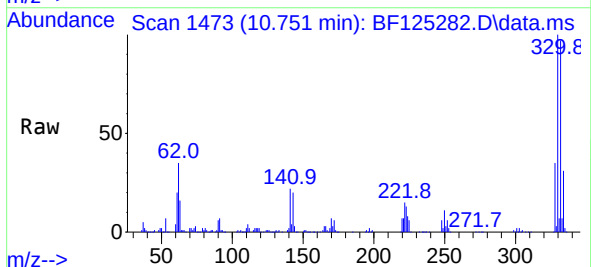
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM

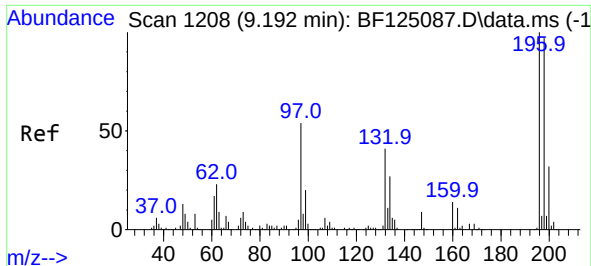


#42  
2,4,6-Tribromophenol  
Concen: 129.576 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:330 Resp: 545450  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.2 114.4  
141 28.8 44.6 66.8#







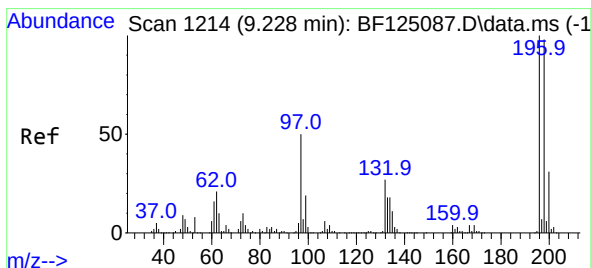
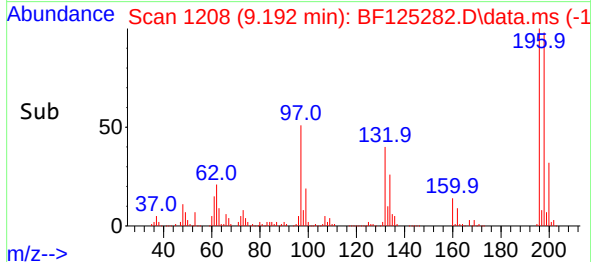
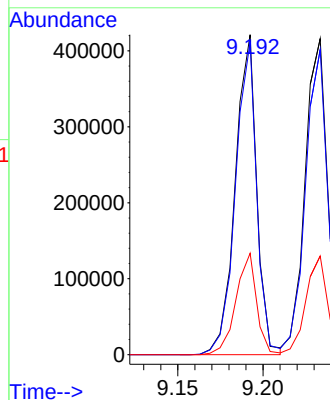
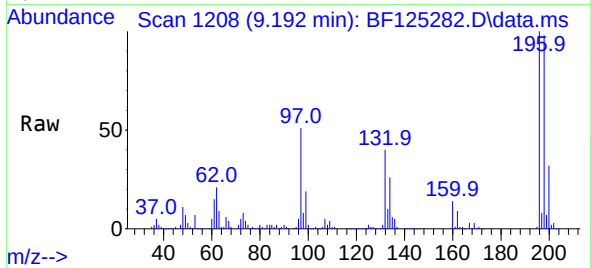
#43  
2,4,6-Trichlorophenol  
Concen: 38.046 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:196 Resp: 369091  
Ion Ratio Lower Upper  
196 100  
198 97.7 74.9 112.3  
200 31.7 27.0 40.4

Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

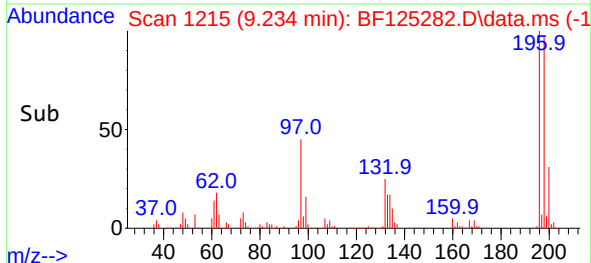
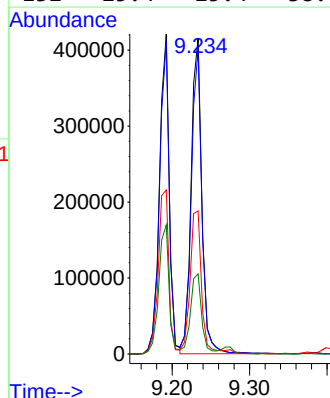
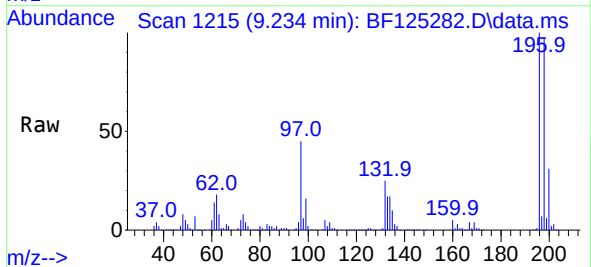
Manual Integrations  
APPROVED

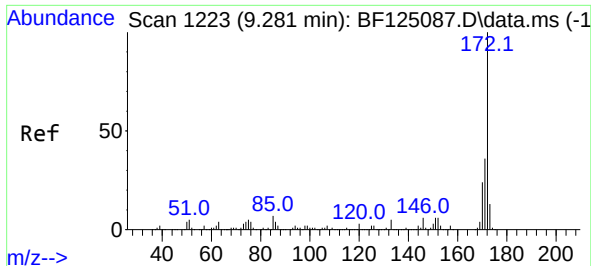
mohammad  
9/1/2021 4:01:42 PM



#44  
2,4,5-Trichlorophenol  
Concen: 39.327 ng  
RT: 9.234 min Scan# 1215  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:196 Resp: 401385  
Ion Ratio Lower Upper  
196 100  
198 96.5 80.2 120.2  
97 45.3 44.0 66.0  
132 25.4 25.4 38.0





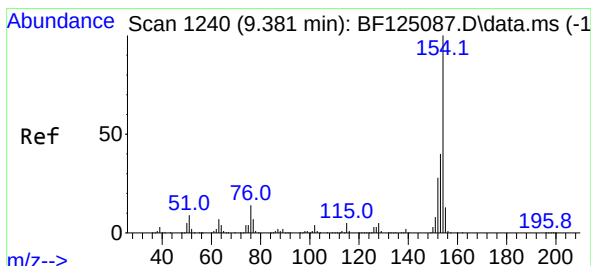
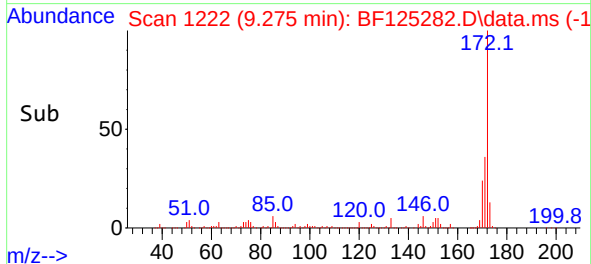
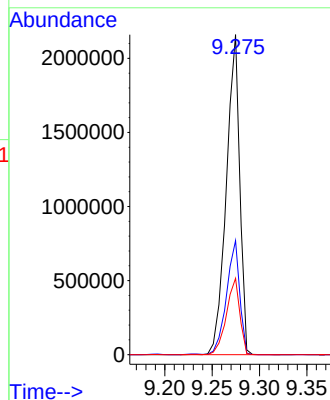
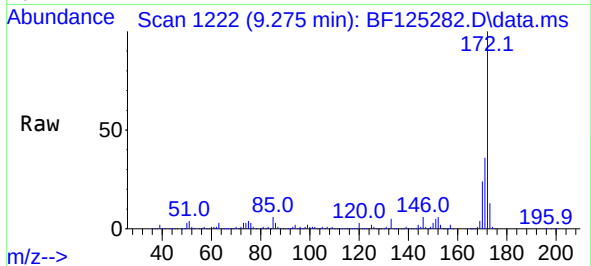
#45  
2-Fluorobiphenyl  
Concen: 70.601 ng  
RT: 9.275 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:172 Resp: 2136165  
Ion Ratio Lower Upper  
172 100  
171 35.7 26.5 39.7  
170 23.8 18.8 28.2

Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

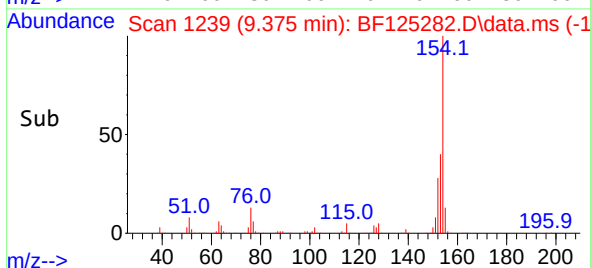
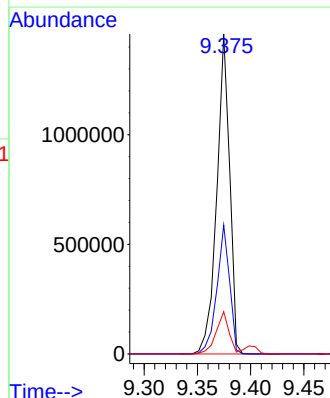
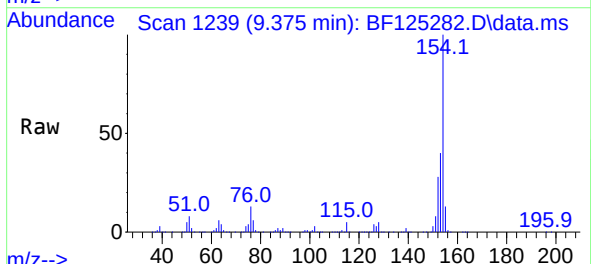
Manual Integrations  
APPROVED

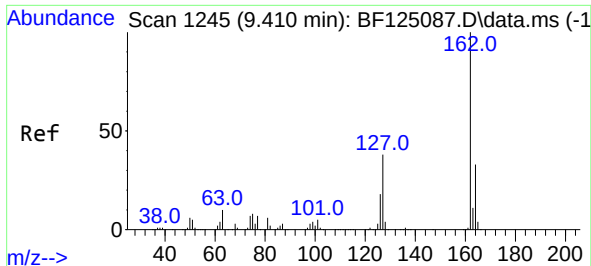
mohammad  
9/1/2021 4:01:42 PM



#46  
1,1'-Biphenyl  
Concen: 36.034 ng  
RT: 9.375 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:154 Resp: 1225080  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.0 60.0  
76 13.2 0.0 30.3





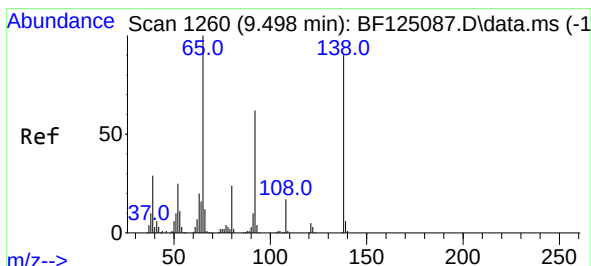
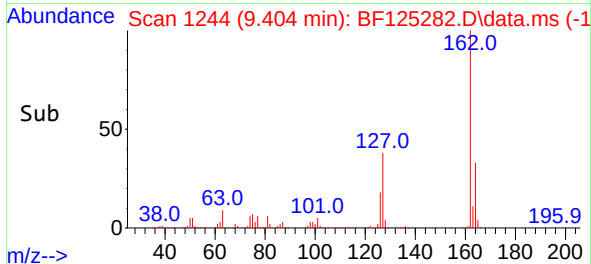
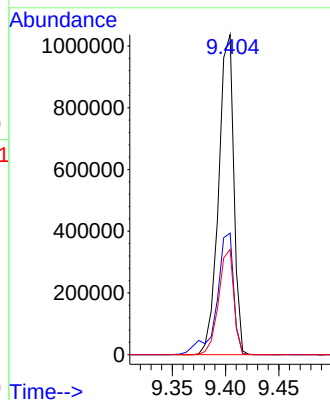
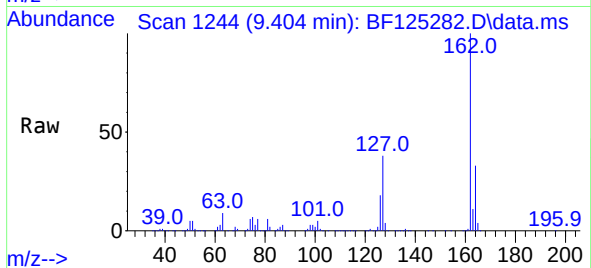
#47  
2-Chloronaphthalene  
Concen: 37.075 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

Tgt Ion:162 Resp: 1024299  
Ion Ratio Lower Upper  
162 100  
127 38.0 33.0 49.4  
164 32.9 25.8 38.8

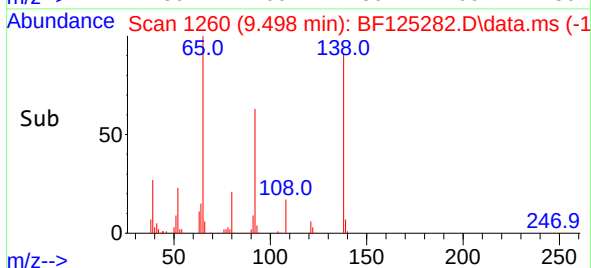
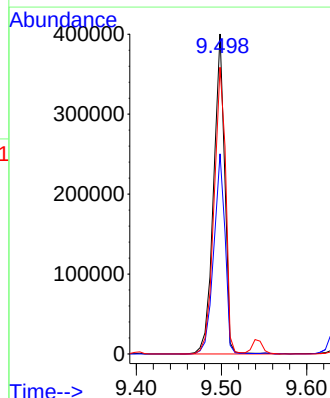
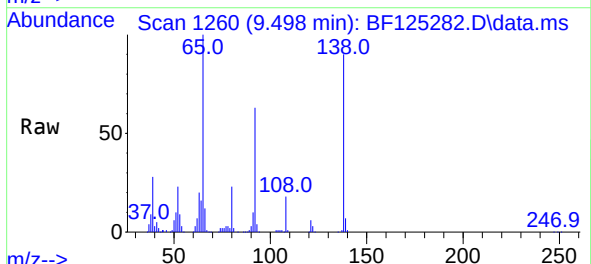
Manual Integrations  
APPROVED

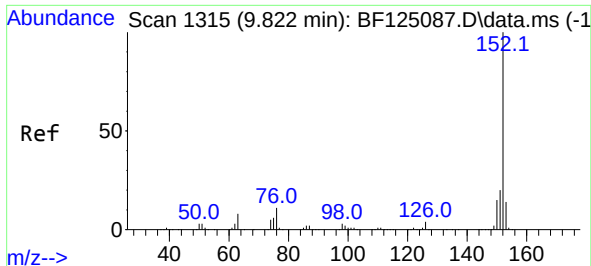
mohammad  
9/1/2021 4:01:42 PM



#48  
2-Nitroaniline  
Concen: 42.473 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

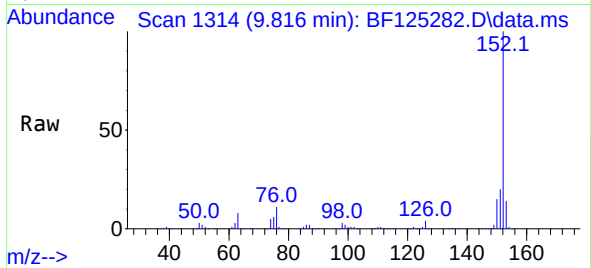
Tgt Ion: 65 Resp: 363744  
Ion Ratio Lower Upper  
65 100  
92 62.6 55.5 83.3  
138 89.6 93.5 140.3#





#49  
Acenaphthylene  
Concen: 37.590 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

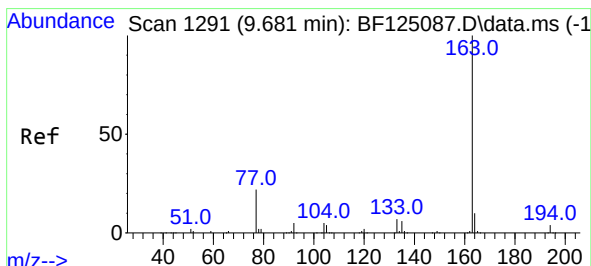
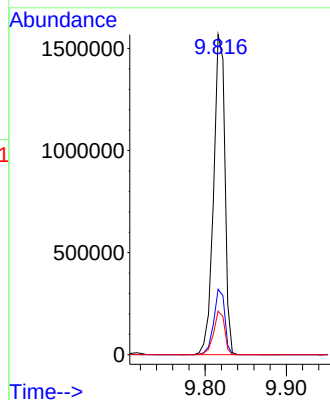
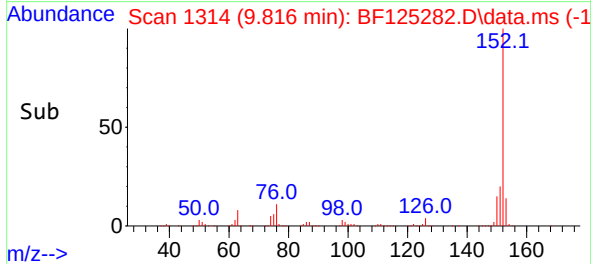
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



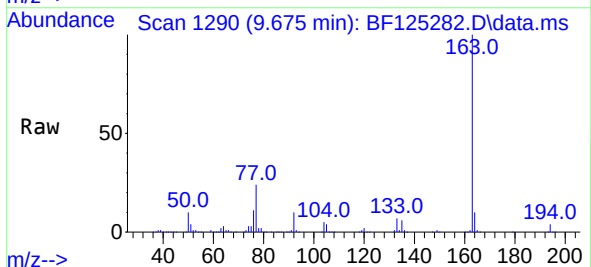
Tgt Ion:152 Resp: 1513340  
Ion Ratio Lower Upper  
152 100  
151 20.4 15.7 23.5  
153 13.6 9.8 14.8

Manual Integrations  
APPROVED

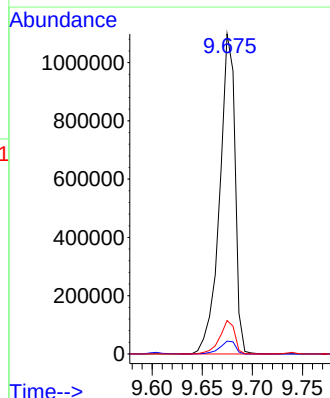
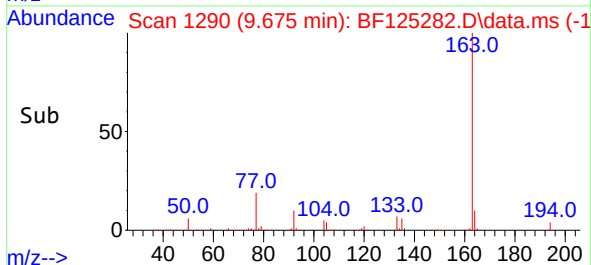
mohammad  
9/1/2021 4:01:42 PM

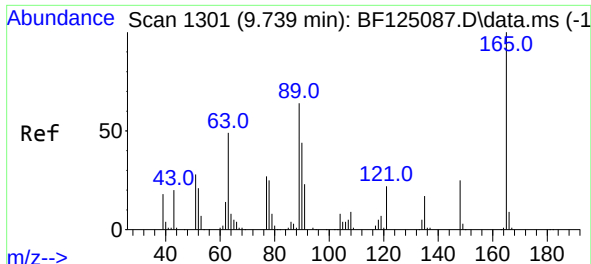


#50  
Dimethylphthalate  
Concen: 40.185 ng  
RT: 9.675 min Scan# 1290  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



Tgt Ion:163 Resp: 1174335  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.6 3.8#  
164 10.5 7.4 11.0





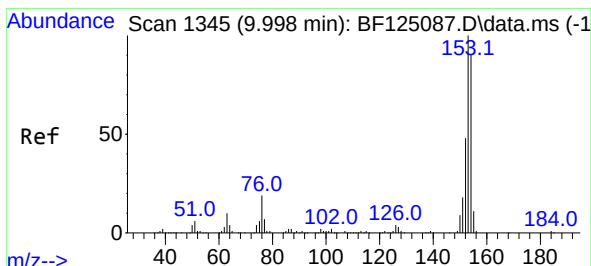
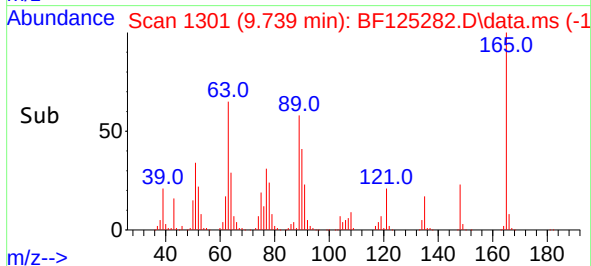
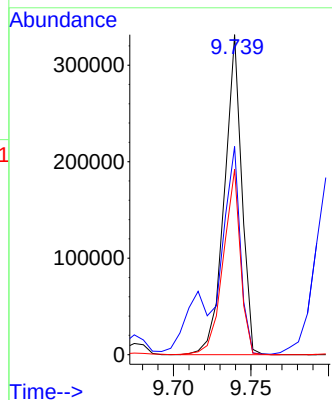
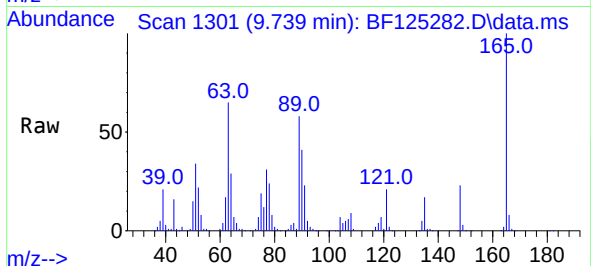
#51  
2,6-Dinitrotoluene  
Concen: 40.668 ng  
RT: 9.739 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:165 Resp: 257698  
Ion Ratio Lower Upper  
165 100  
63 65.0 42.6 63.8#  
89 57.9 40.6 60.8

Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

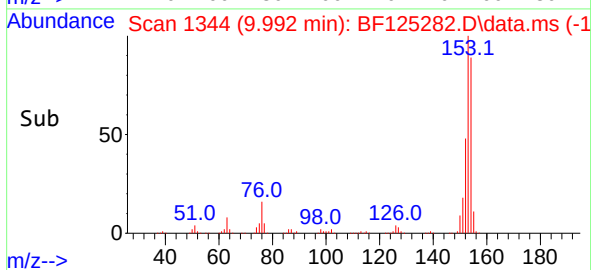
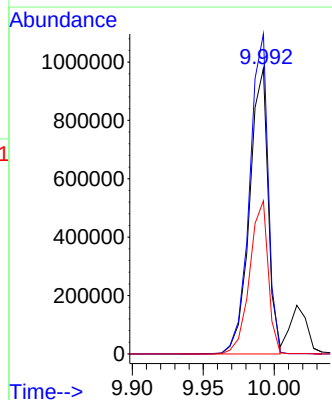
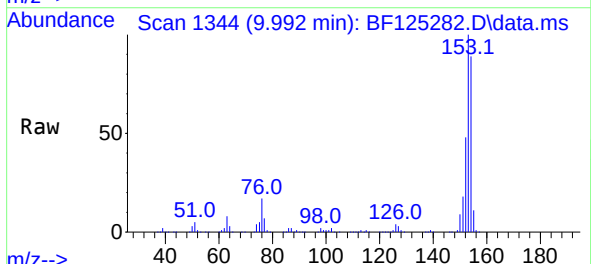
Manual Integrations  
APPROVED

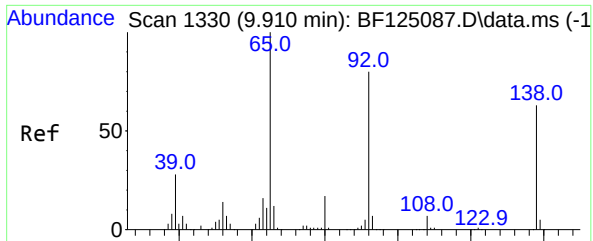
mohammad  
9/1/2021 4:01:42 PM



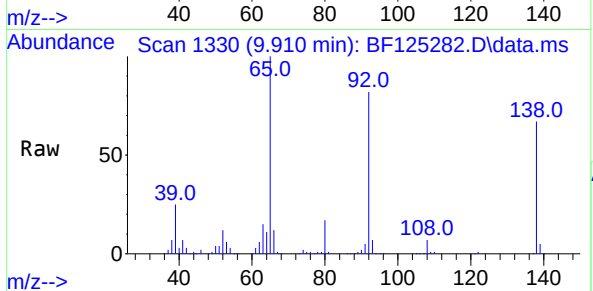
#52  
Acenaphthene  
Concen: 35.814 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:154 Resp: 893842  
Ion Ratio Lower Upper  
154 100  
153 112.1 89.4 134.2  
152 53.6 40.5 60.7

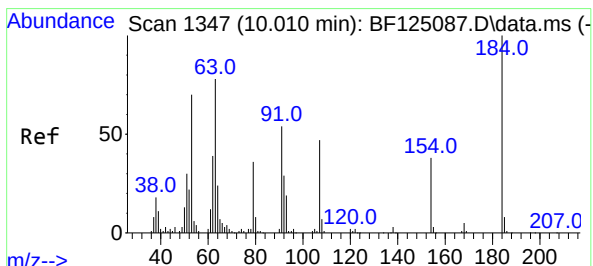
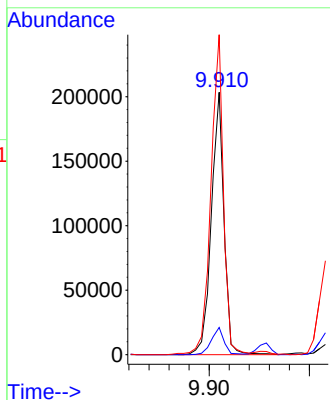
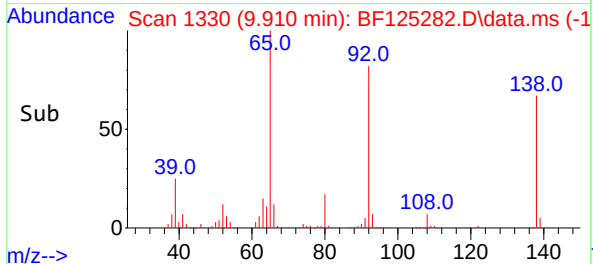




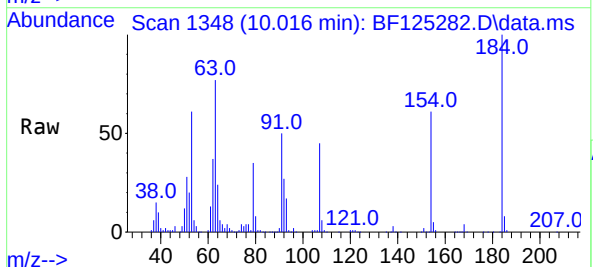
#53  
3-Nitroaniline  
Concen: 26.064 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



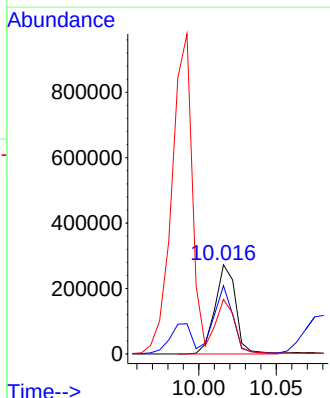
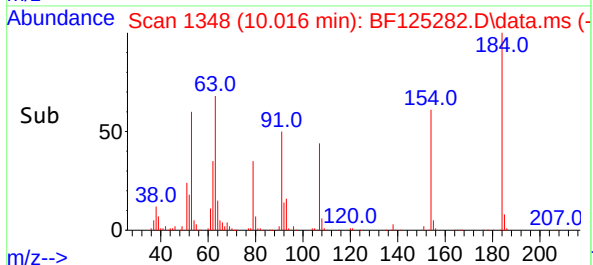
Tgt Ion:138 Resp: 178111  
Ion Ratio Lower Upper  
138 100  
108 10.4 9.3 13.9  
92 121.9 76.5 114.7#



#54  
2,4-Dinitrophenol  
Concen: 101.464 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



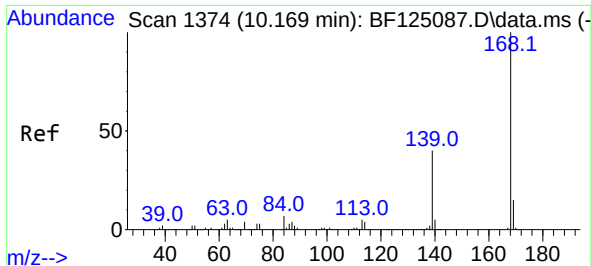
Tgt Ion:184 Resp: 253965  
Ion Ratio Lower Upper  
184 100  
63 76.7 59.3 88.9  
154 61.2 68.6 102.8#



Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

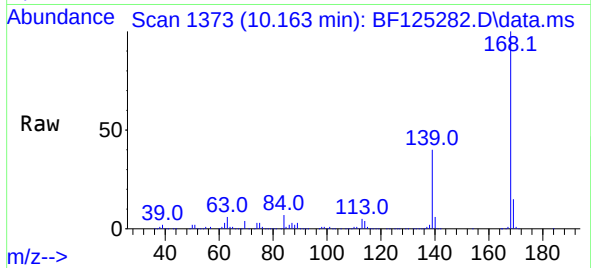
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#55  
Dibenzenofuran  
Concen: 36.375 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

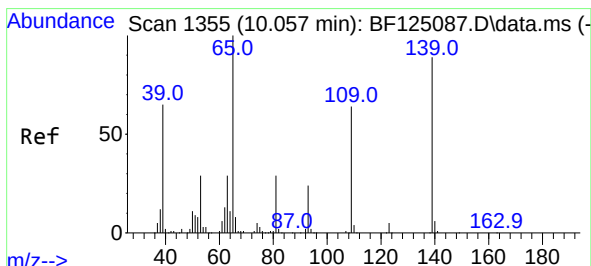
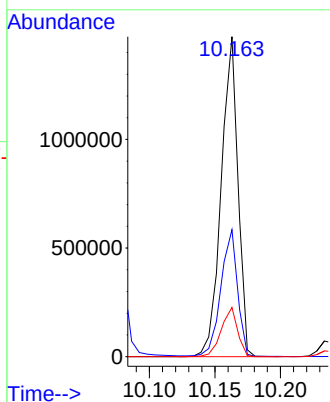
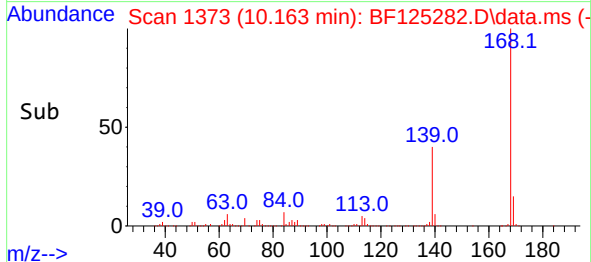
Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS



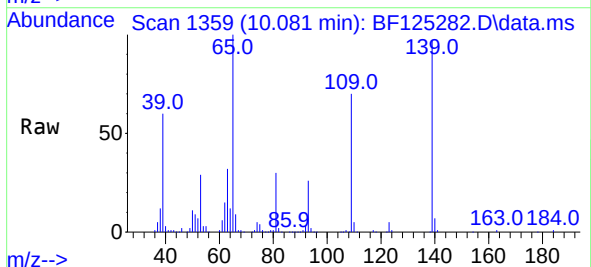
Tgt Ion:168 Resp: 1306508  
Ion Ratio Lower Upper  
168 100  
139 39.7 32.7 49.1  
169 15.4 11.2 16.8

Manual Integrations  
APPROVED

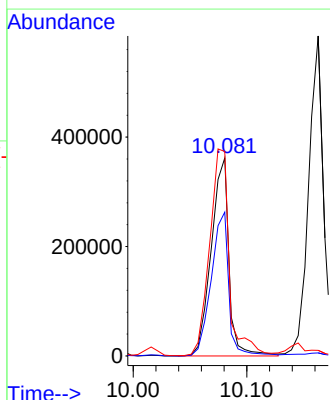
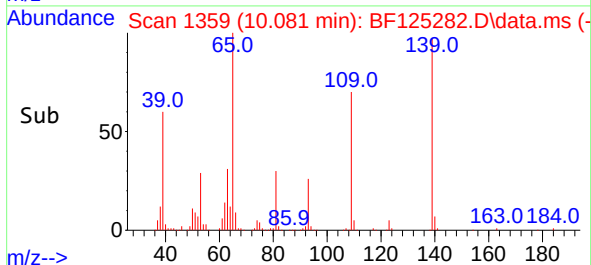
mohammad  
9/1/2021 4:01:42 PM

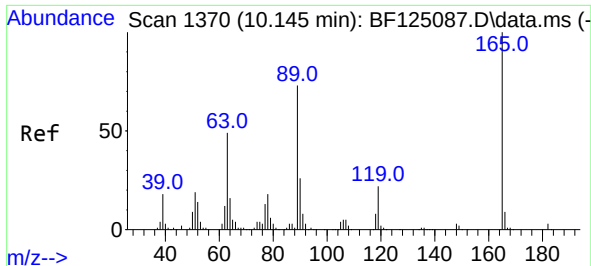


#56  
4-Nitrophenol  
Concen: 72.752 ng  
RT: 10.081 min Scan# 1359  
Delta R.T. 0.030 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



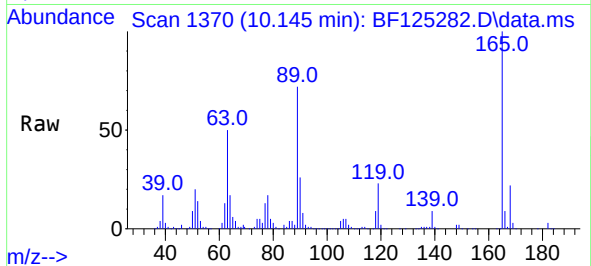
Tgt Ion:139 Resp: 393692  
Ion Ratio Lower Upper  
139 100  
109 72.7 60.4 100.4  
65 103.3 58.4 98.4#





#57  
2,4-Dinitrotoluene  
Concen: 43.947 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

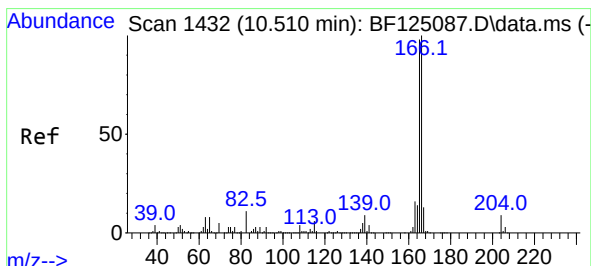
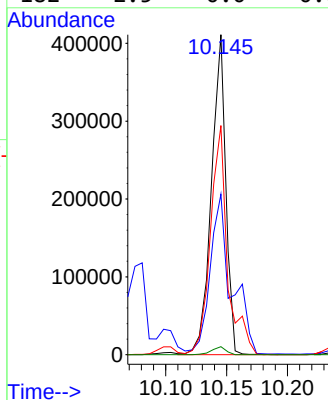
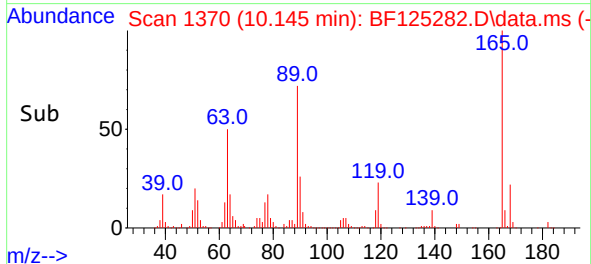
Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS



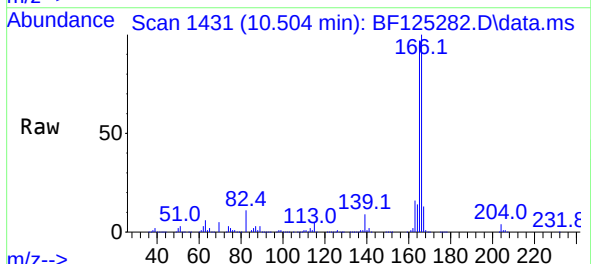
Tgt Ion:165 Resp: 337040  
Ion Ratio Lower Upper  
165 100  
63 50.2 40.9 61.3  
89 71.6 59.7 89.5  
182 2.5 0.0 0.0#

Manual Integrations  
APPROVED

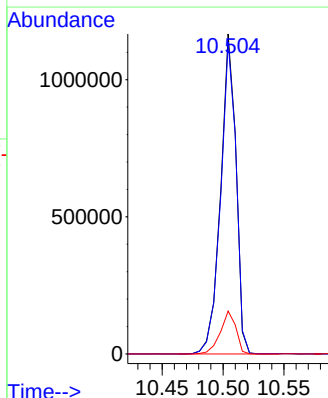
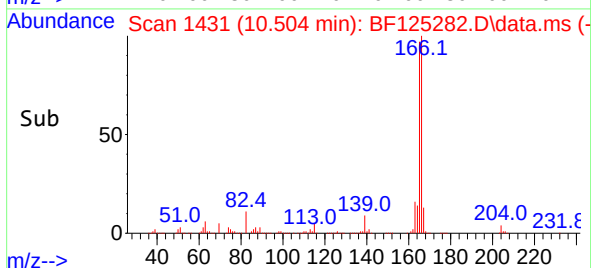
mohammad  
9/1/2021 4:01:42 PM



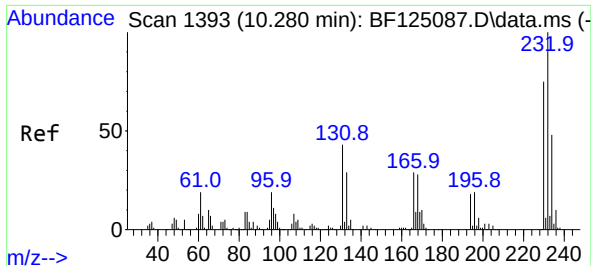
#58  
Fluorene  
Concen: 38.685 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



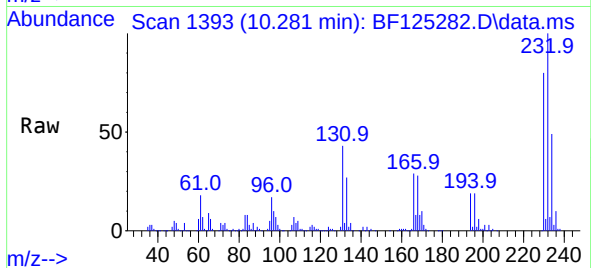
Tgt Ion:166 Resp: 1027274  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.1 117.1  
167 13.4 11.1 16.7



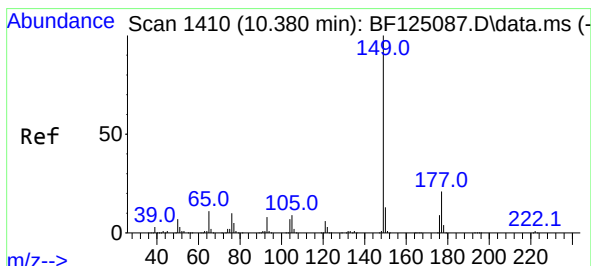
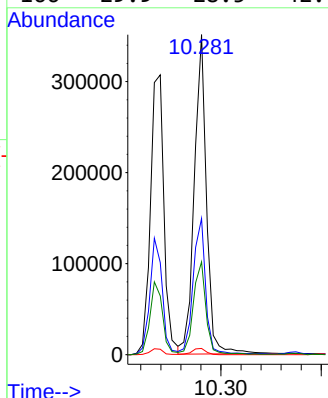
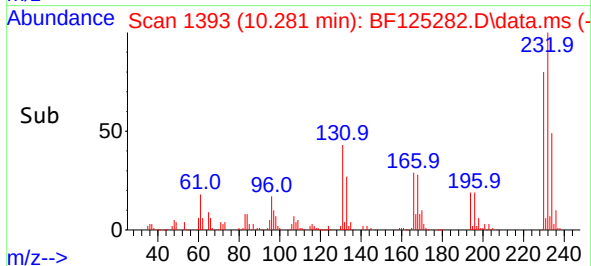




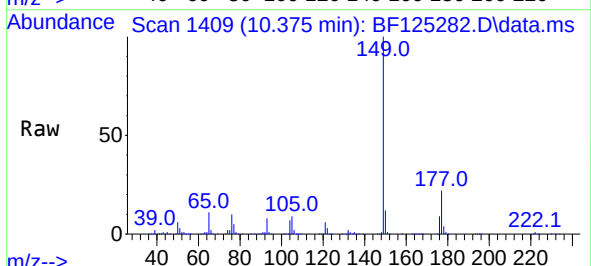
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.119 ng  
RT: 10.281 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



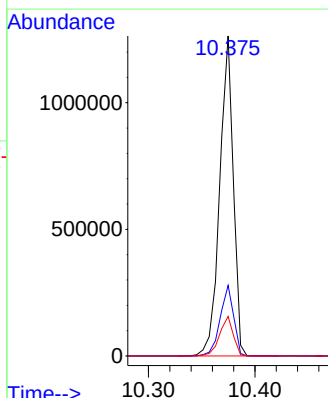
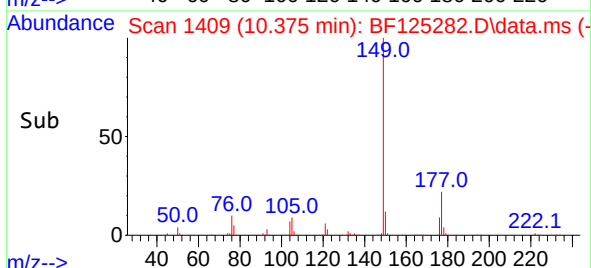
Tgt Ion:232 Resp: 296291  
Ion Ratio Lower Upper  
232 100  
131 43.7 45.4 68.0#  
130 2.2 0.0 0.0#  
166 29.9 28.5 42.7



#60  
Diethylphthalate  
Concen: 39.194 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



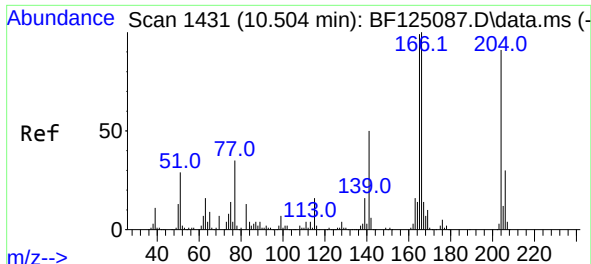
Tgt Ion:149 Resp: 1116623  
Ion Ratio Lower Upper  
149 100  
177 22.1 16.5 24.7  
150 12.4 10.1 15.1



Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

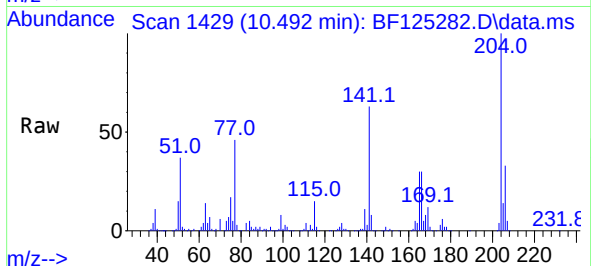
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#61  
4-Chlorophenyl-phenylether  
Concen: 39.004 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

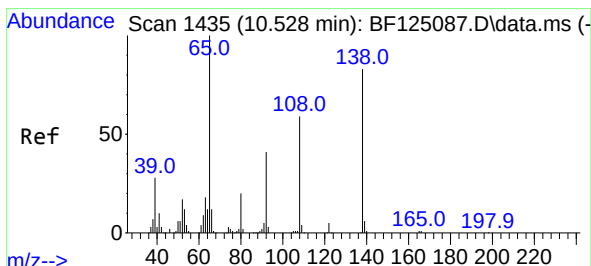
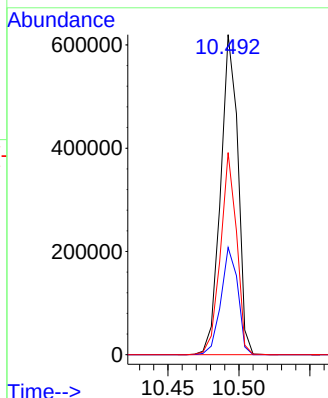
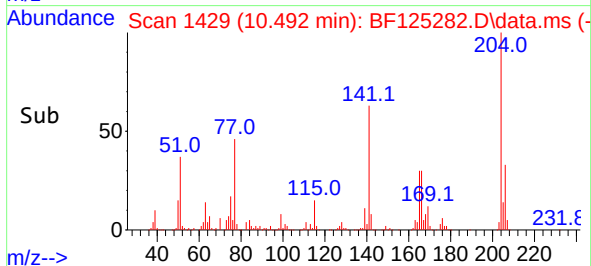
Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS



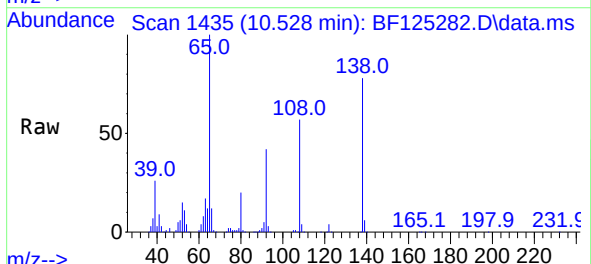
Tgt Ion:204 Resp: 523677  
Ion Ratio Lower Upper  
204 100  
206 33.5 27.6 41.4  
141 63.1 58.6 88.0

Manual Integrations  
APPROVED

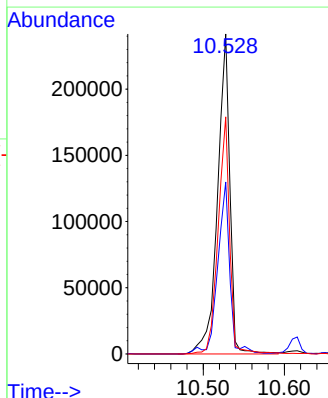
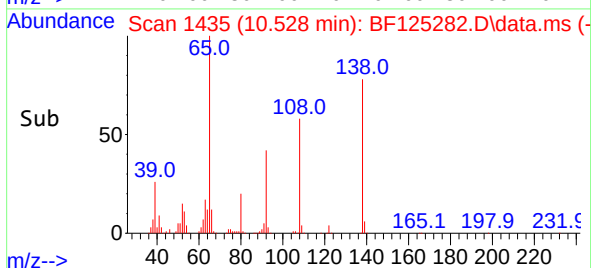
mohammad  
9/1/2021 4:01:42 PM

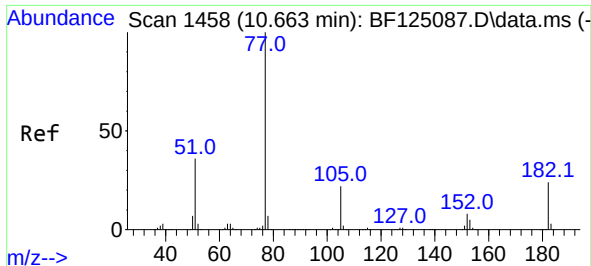


#62  
4-Nitroaniline  
Concen: 41.688 ng  
RT: 10.528 min Scan# 1435  
Delta R.T. 0.018 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

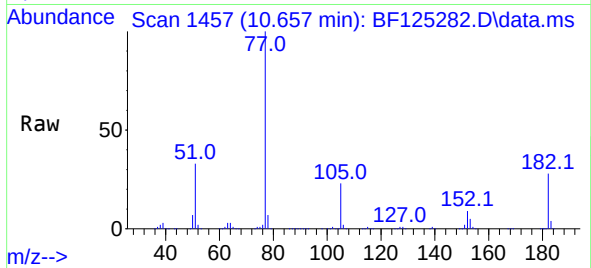


Tgt Ion:138 Resp: 256168  
Ion Ratio Lower Upper  
138 100  
92 53.7 29.6 69.6  
108 74.1 78.1 118.1#

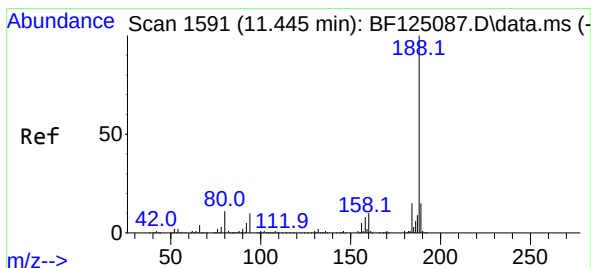
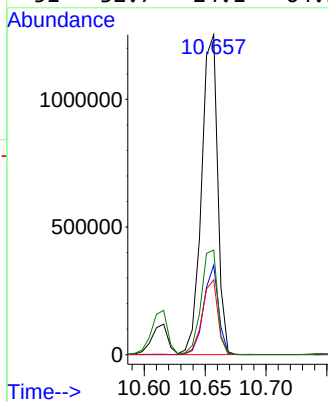
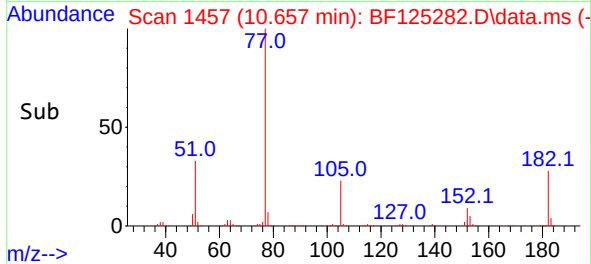




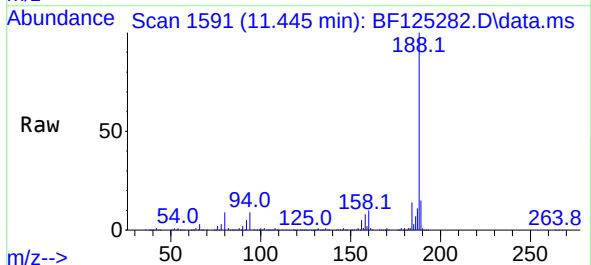
#63  
Azobenzene  
Concen: 36.158 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



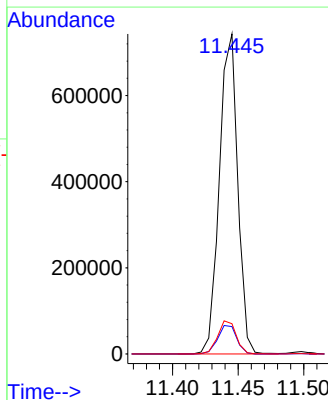
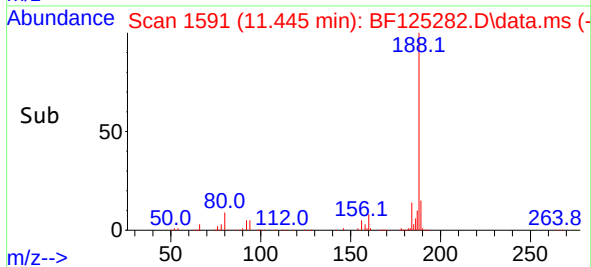
Tgt Ion: 77 Resp: 1155438  
Ion Ratio Lower Upper  
77 100  
182 27.9 6.3 46.3  
105 23.4 2.9 42.9  
51 32.7 24.1 64.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



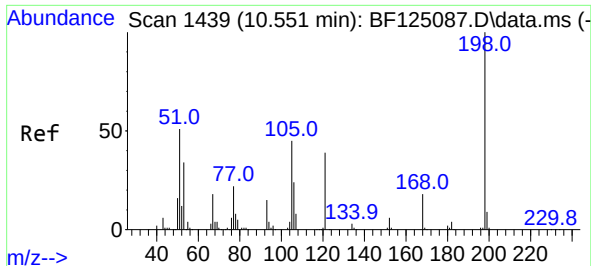
Tgt Ion: 188 Resp: 721839  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.7 10.1  
80 9.4 7.5 11.3



Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS

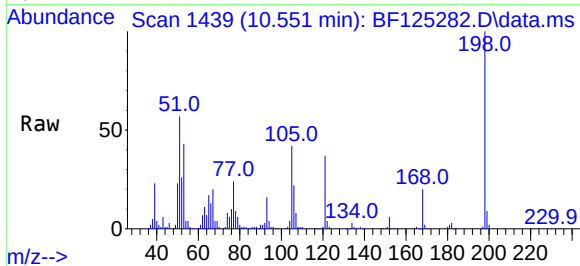
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.715 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

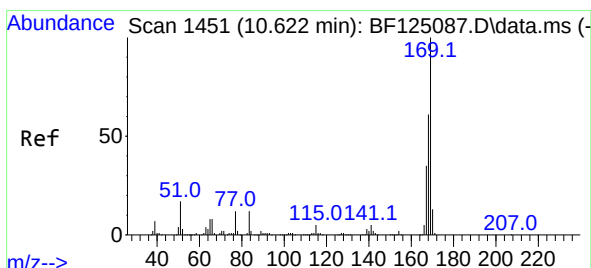
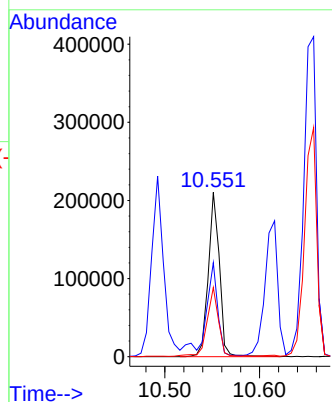
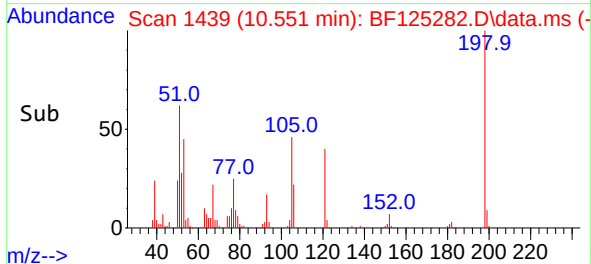
Instrument :  
BNA\_F  
ClientSampled :  
PB138819BS



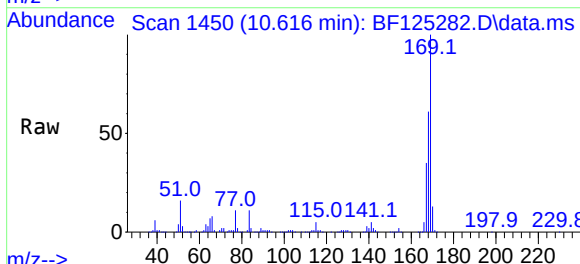
Tgt Ion:198 Resp: 170832  
Ion Ratio Lower Upper  
198 100  
51 57.1 45.3 85.3  
105 42.1 30.6 70.6

Manual Integrations  
APPROVED

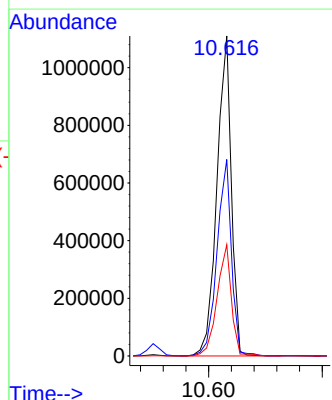
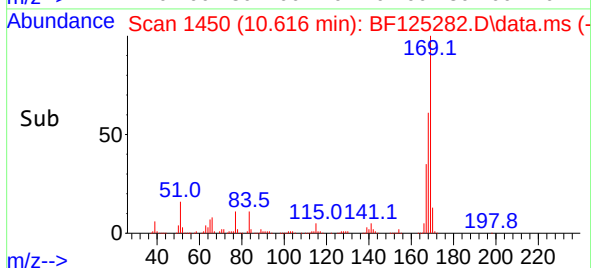
mohammad  
9/1/2021 4:01:42 PM

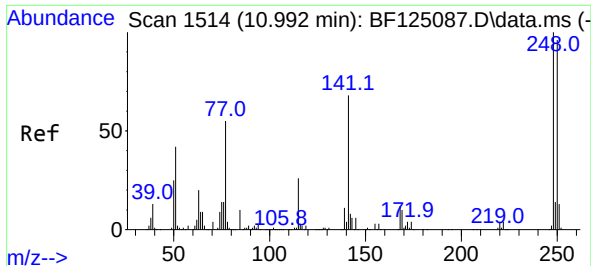


#66  
n-Nitrosodiphenylamine  
Concen: 37.941 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

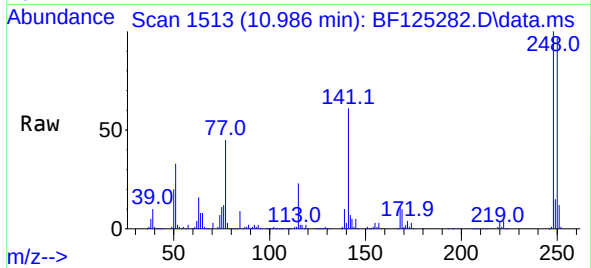


Tgt Ion:169 Resp: 980632  
Ion Ratio Lower Upper  
169 100  
168 61.4 50.8 76.2  
167 34.7 28.8 43.2

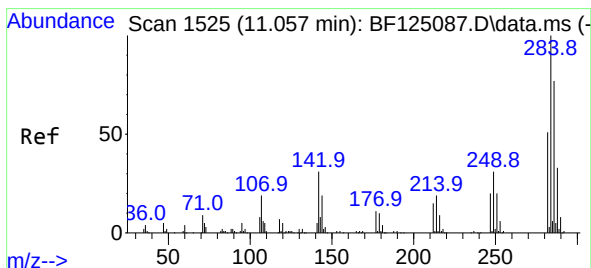
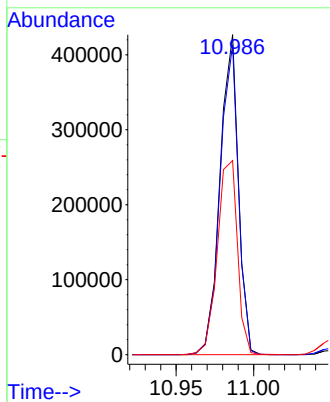
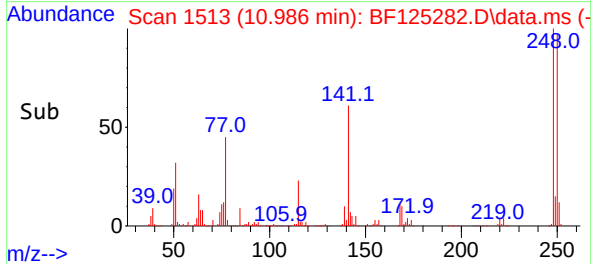




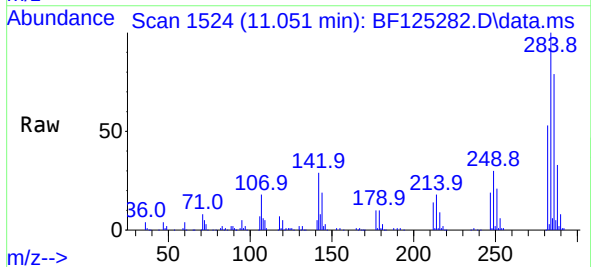
#67  
4-Bromophenyl-phenylether  
Concen: 40.636 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



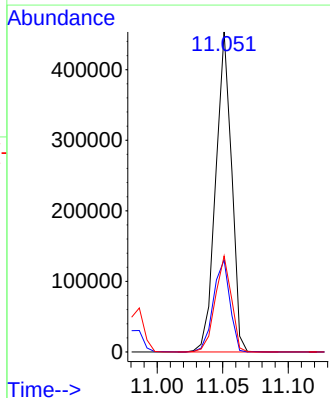
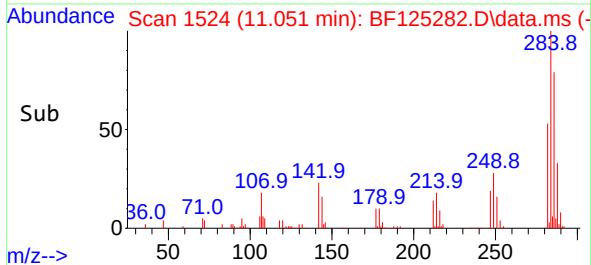
Tgt Ion:248 Resp: 352237  
Ion Ratio Lower Upper  
248 100  
250 96.8 74.2 111.4  
141 60.6 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 42.609 ng  
RT: 11.051 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



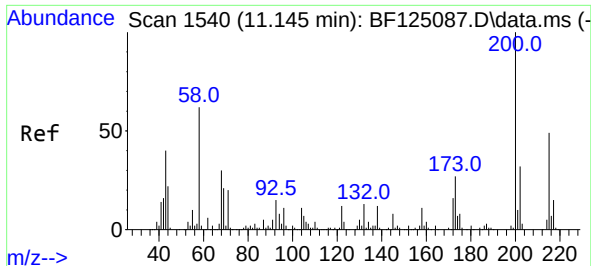
Tgt Ion:284 Resp: 379946  
Ion Ratio Lower Upper  
284 100  
142 28.8 36.4 54.6#  
249 30.0 25.6 38.4



Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

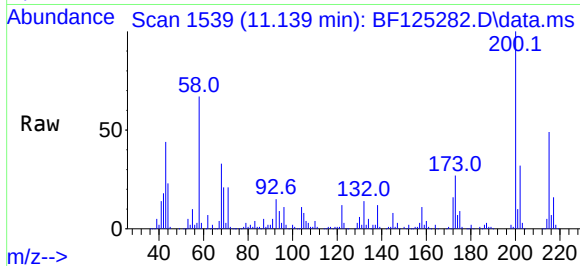
Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#69  
Atrazine  
Concen: 43.070 ng  
RT: 11.139 min Scan# 1539  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

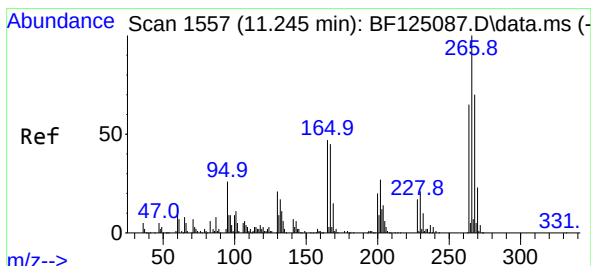
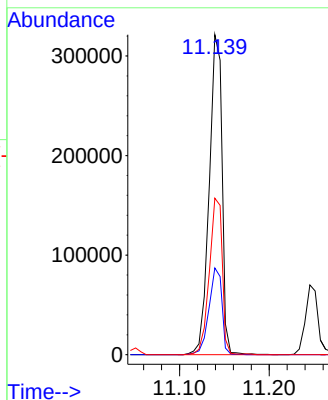
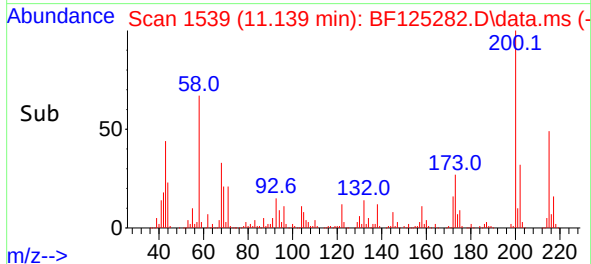
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



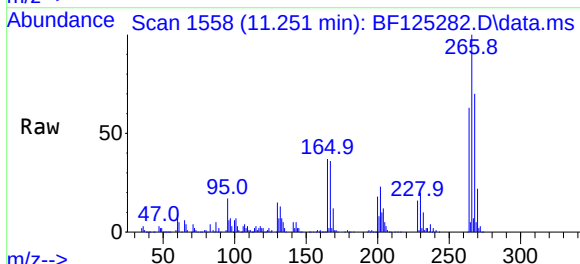
Tgt Ion:200 Resp: 319437  
Ion Ratio Lower Upper  
200 100  
173 27.1 11.1 51.1  
215 48.9 22.7 62.7

Manual Integrations  
APPROVED

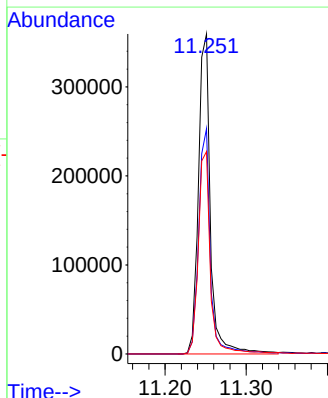
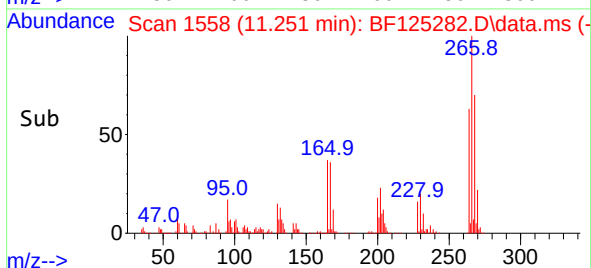
mohammad  
9/1/2021 4:01:42 PM

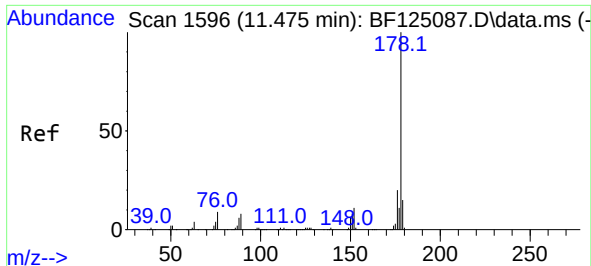


#70  
Pentachlorophenol  
Concen: 70.940 ng  
RT: 11.251 min Scan# 1558  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

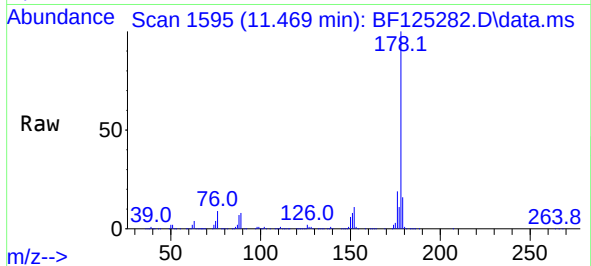


Tgt Ion:266 Resp: 369362  
Ion Ratio Lower Upper  
266 100  
268 70.4 48.9 73.3  
264 63.2 55.9 83.9

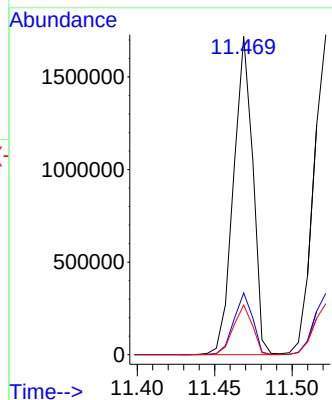




#71  
Phenanthrene  
Concen: 37.424 ng  
RT: 11.469 min Scan# 1595  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



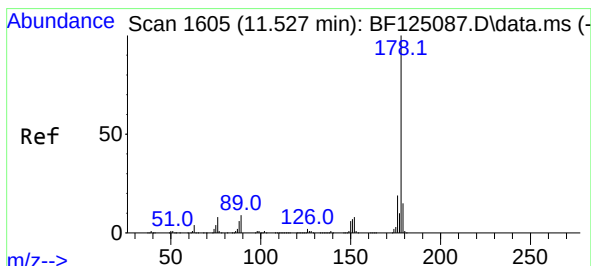
Tgt Ion:178 Resp: 1488510  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.7 22.1  
179 15.6 11.5 17.3



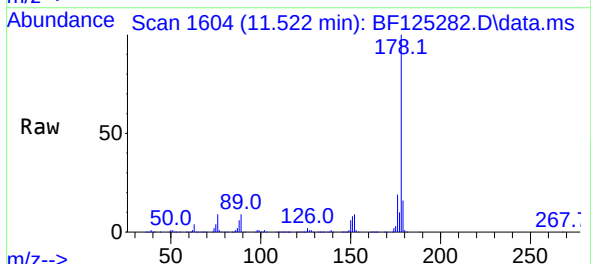
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

Manual Integrations  
APPROVED

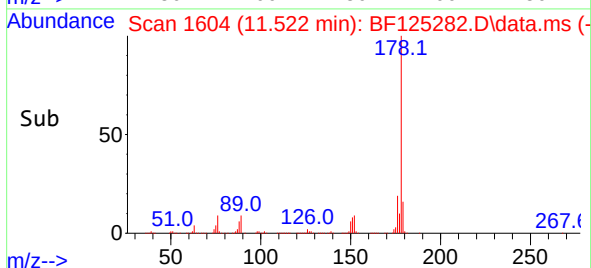
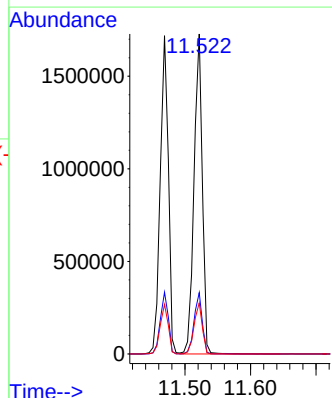
mohammad  
9/1/2021 4:01:42 PM

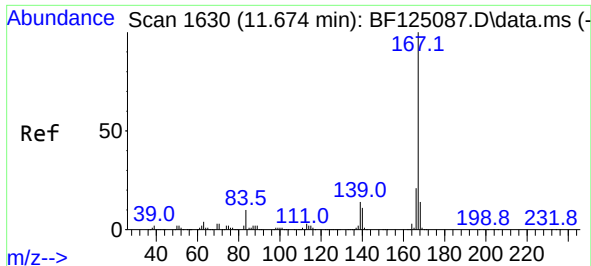


#72  
Anthracene  
Concen: 38.839 ng  
RT: 11.522 min Scan# 1604  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



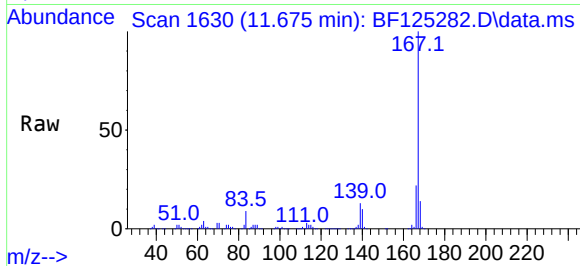
Tgt Ion:178 Resp: 1522635  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.3 21.5  
179 15.9 12.2 18.4





#73  
Carbazole  
Concen: 36.206 ng  
RT: 11.675 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

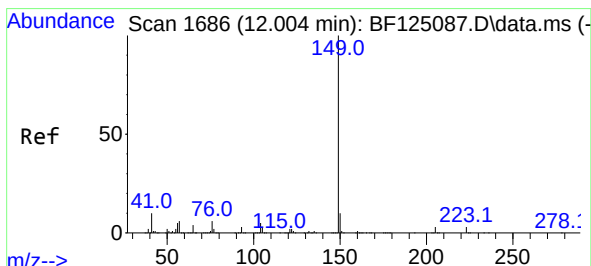
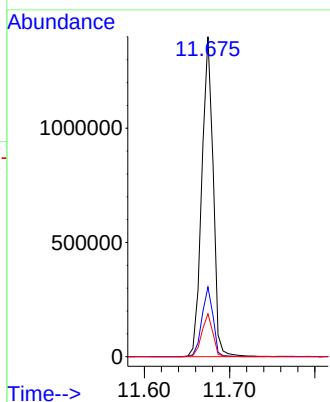
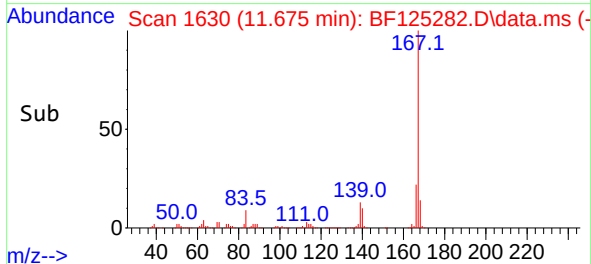
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



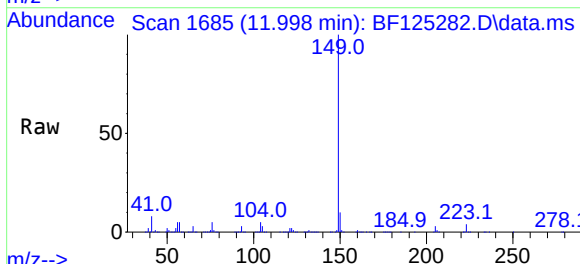
Tgt Ion:167 Resp: 1297078  
Ion Ratio Lower Upper  
167 100  
166 21.7 17.4 26.0  
139 13.4 11.0 16.4

Manual Integrations  
APPROVED

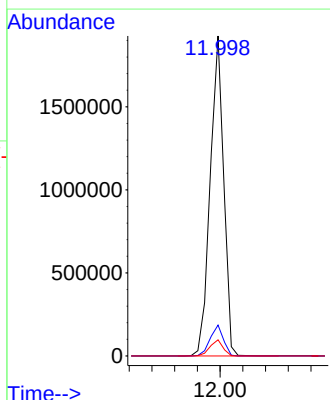
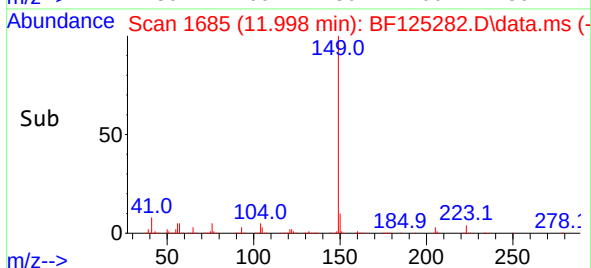
mohammad  
9/1/2021 4:01:42 PM



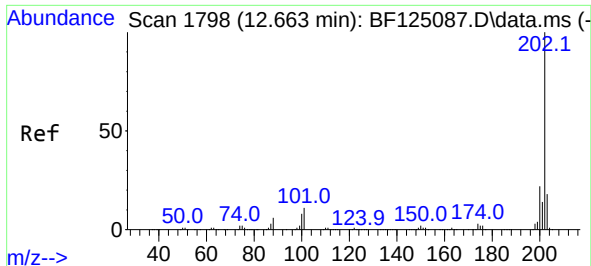
#74  
Di-n-butylphthalate  
Concen: 37.325 ng  
RT: 11.998 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



Tgt Ion:149 Resp: 1586794  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.4 11.2  
104 5.1 4.1 6.1

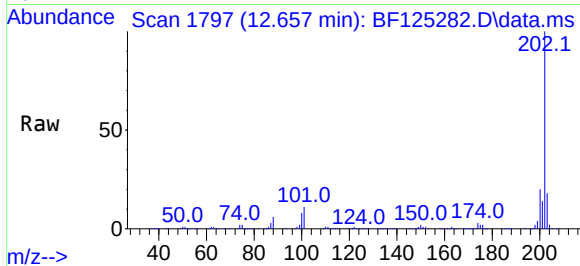






#75  
Fluoranthene  
Concen: 37.250 ng  
RT: 12.657 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

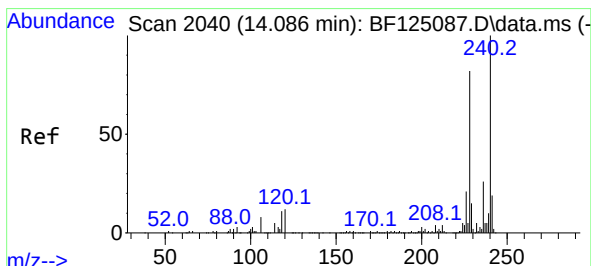
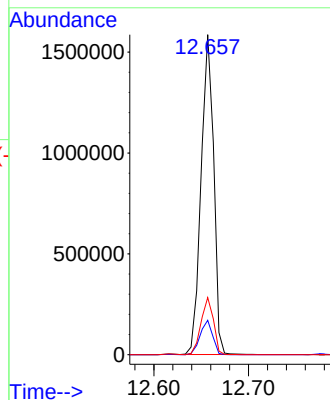
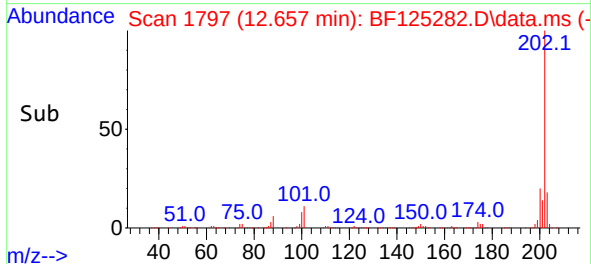
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



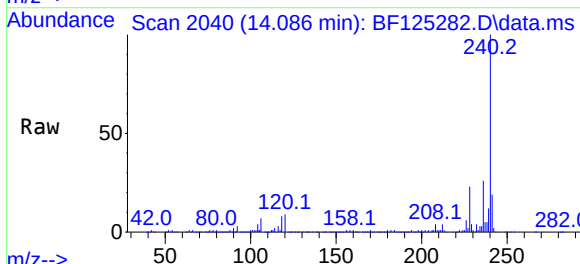
Tgt Ion:202 Resp: 1470091  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 30.7  
203 17.9 0.0 36.3

Manual Integrations  
APPROVED

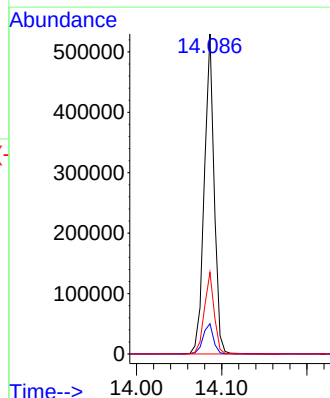
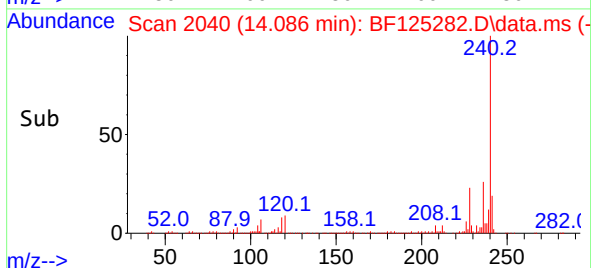
mohammad  
9/1/2021 4:01:42 PM

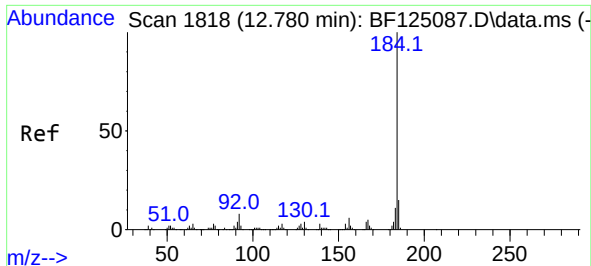


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



Tgt Ion:240 Resp: 425113  
Ion Ratio Lower Upper  
240 100  
120 9.5 10.8 16.2#  
236 25.5 21.6 32.4





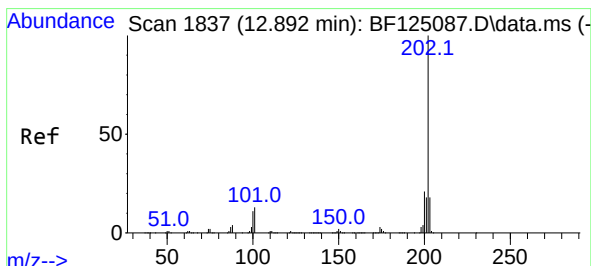
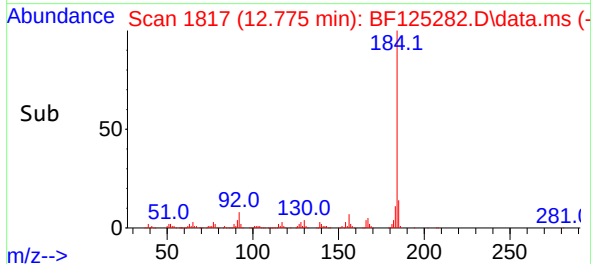
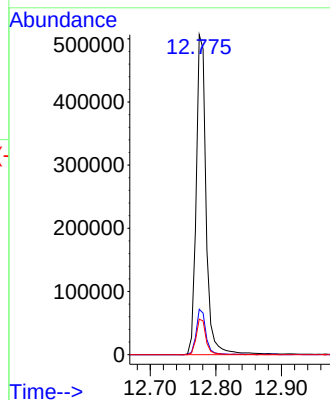
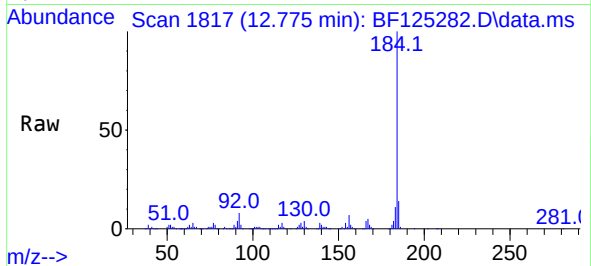
#77  
Benzidine  
Concen: 35.963 ng  
RT: 12.775 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:184 Resp: 533936  
Ion Ratio Lower Upper  
184 100  
185 14.2 10.8 16.2  
183 11.1 8.1 12.1

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

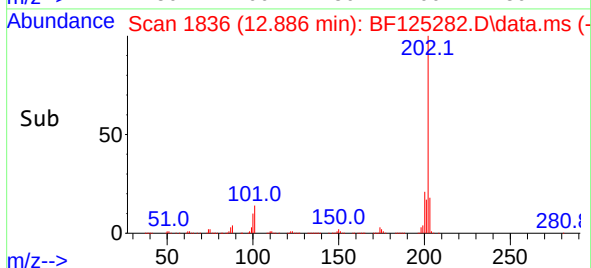
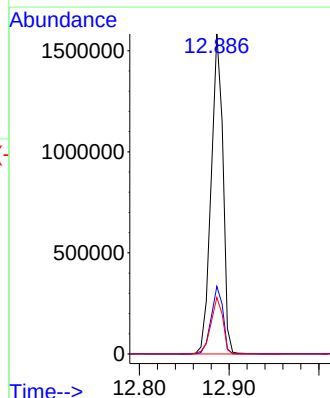
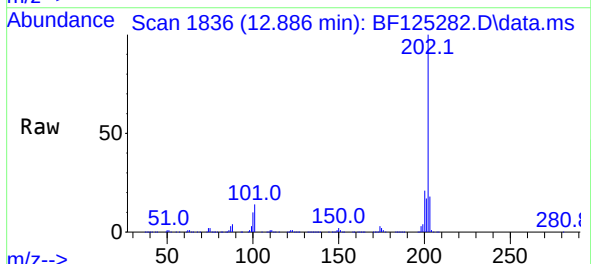
Manual Integrations  
APPROVED

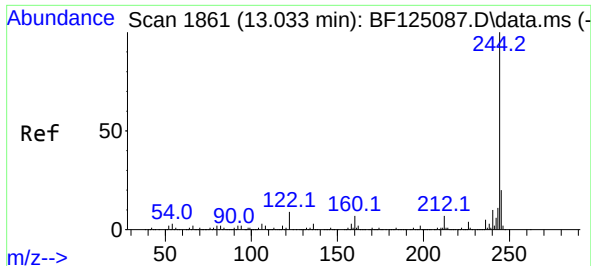
mohammad  
9/1/2021 4:01:42 PM



#78  
Pyrene  
Concen: 39.580 ng  
RT: 12.886 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:202 Resp: 1443335  
Ion Ratio Lower Upper  
202 100  
200 21.1 15.3 22.9  
203 17.7 13.4 20.0





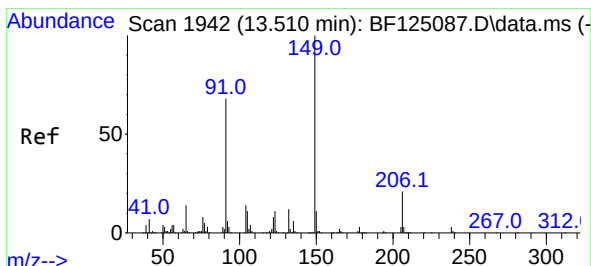
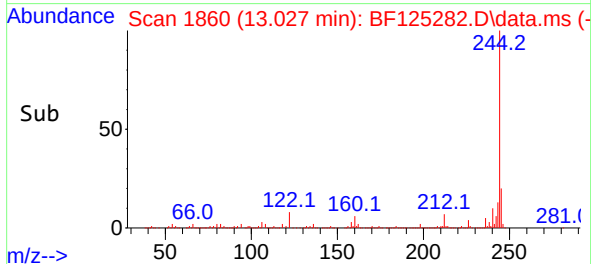
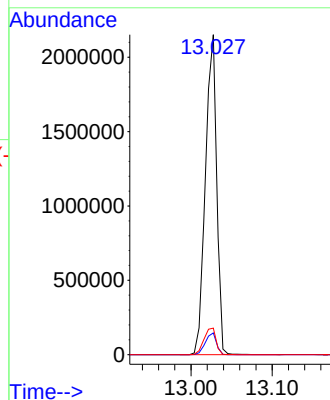
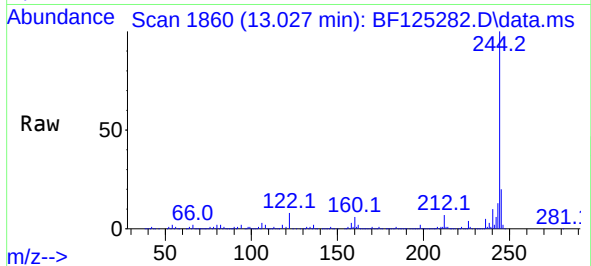
#79  
Terphenyl-d14  
Concen: 77.677 ng  
RT: 13.027 min Scan# 1860  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:244 Resp: 2072787  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 8.3 9.0 13.4#

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

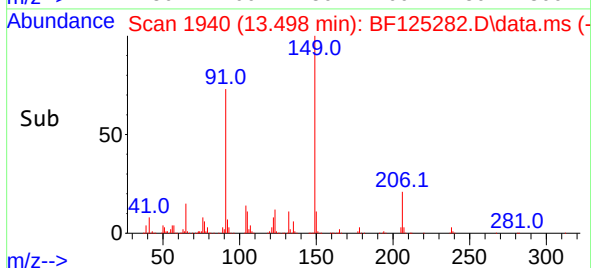
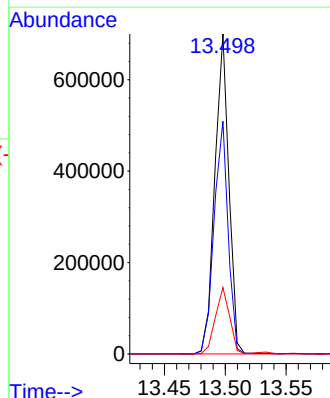
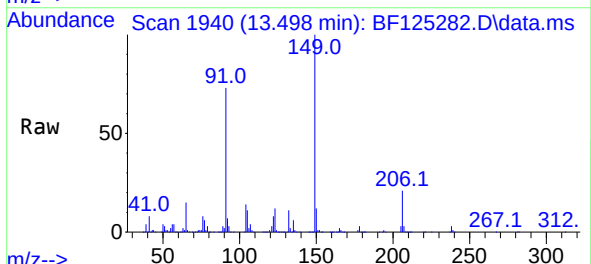
Manual Integrations  
APPROVED

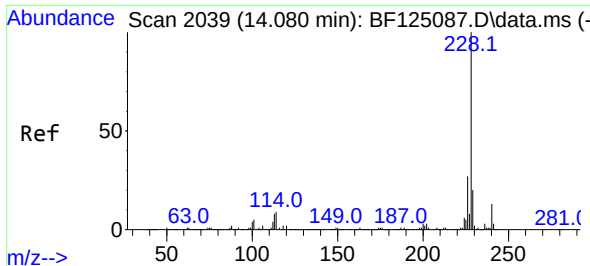
mohammad  
9/1/2021 4:01:42 PM



#80  
Butylbenzylphthalate  
Concen: 39.225 ng  
RT: 13.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

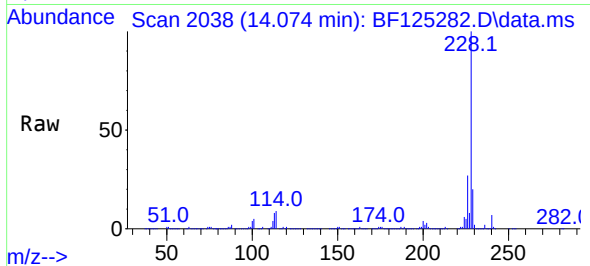
Tgt Ion:149 Resp: 562051  
Ion Ratio Lower Upper  
149 100  
91 72.7 51.8 77.8  
206 20.7 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 38.260 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

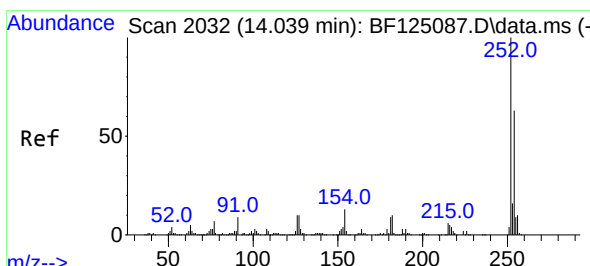
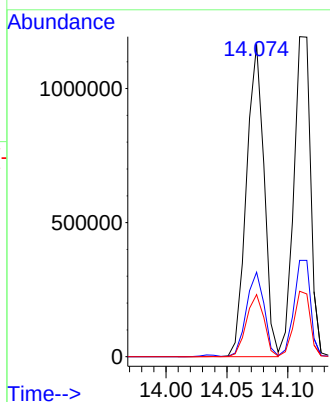
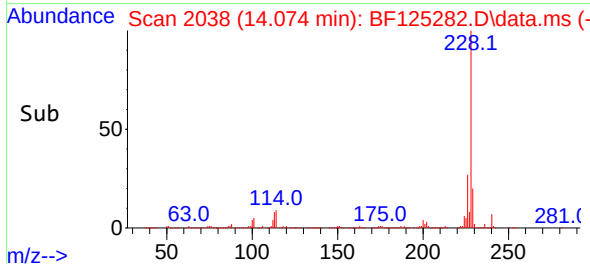
Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS



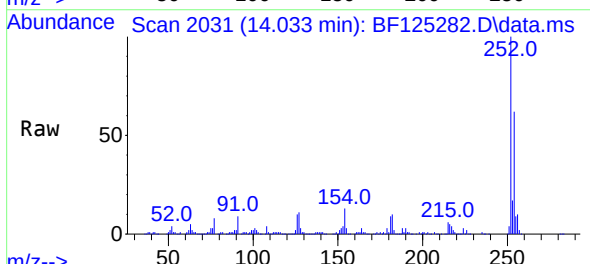
Tgt Ion:228 Resp: 1171901  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.6 32.4  
229 19.9 15.6 23.4

Manual Integrations  
APPROVED

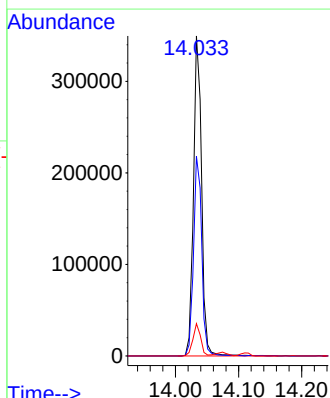
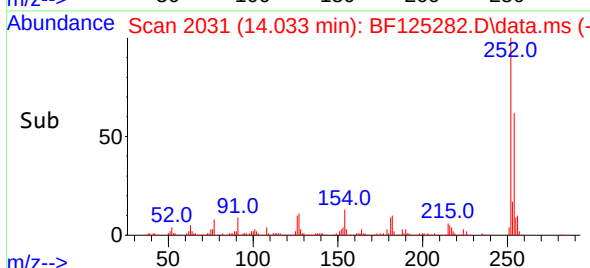
mohammad  
9/1/2021 4:01:42 PM

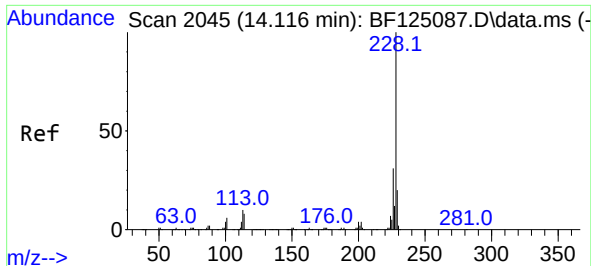


#82  
3,3'-Dichlorobenzidine  
Concen: 32.823 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47



Tgt Ion:252 Resp: 311642  
Ion Ratio Lower Upper  
252 100  
254 62.4 51.4 77.0  
126 10.1 9.5 14.3





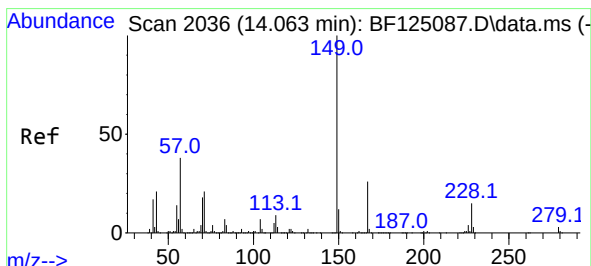
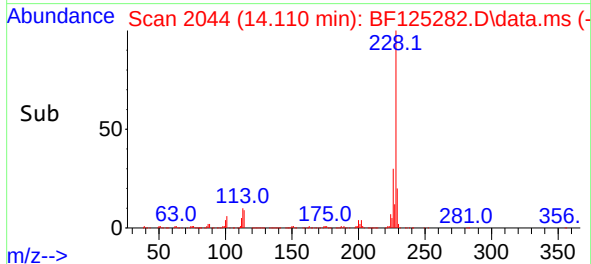
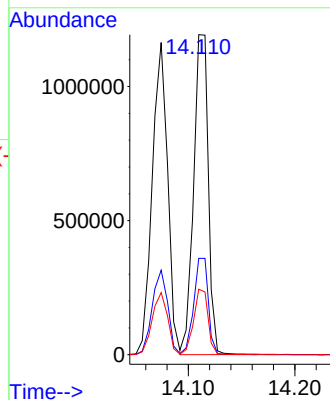
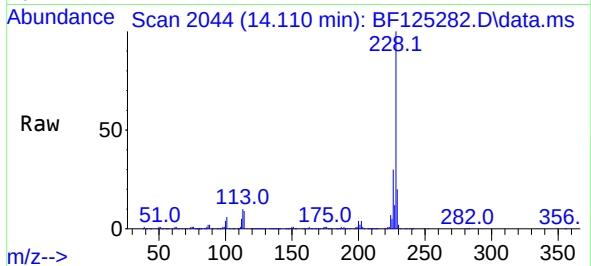
#83  
Chrysene  
Concen: 37.852 ng  
RT: 14.110 min Scan# 2044  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:228 Resp: 1146593  
Ion Ratio Lower Upper  
228 100  
226 30.1 22.6 34.0  
229 20.5 15.9 23.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

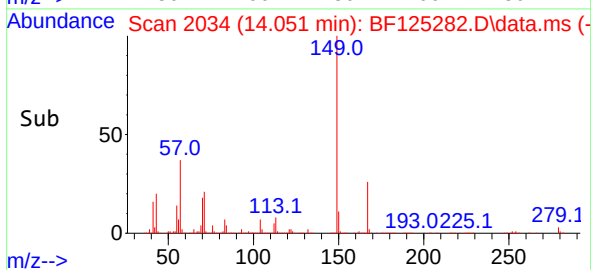
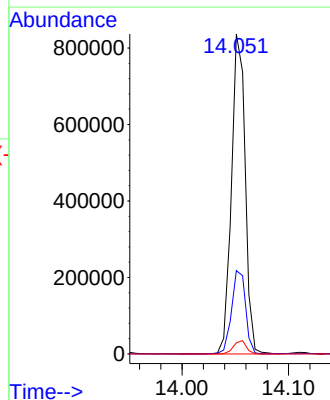
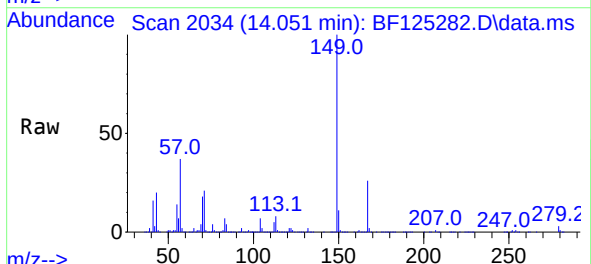
Manual Integrations  
APPROVED

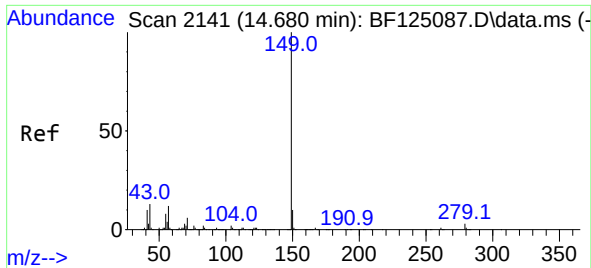
mohammad  
9/1/2021 4:01:42 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 38.178 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:149 Resp: 751870  
Ion Ratio Lower Upper  
149 100  
167 26.1 21.4 32.0  
279 3.5 2.6 4.0





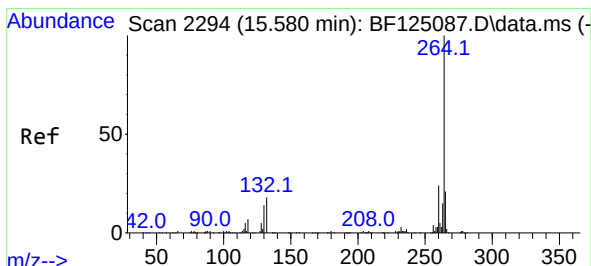
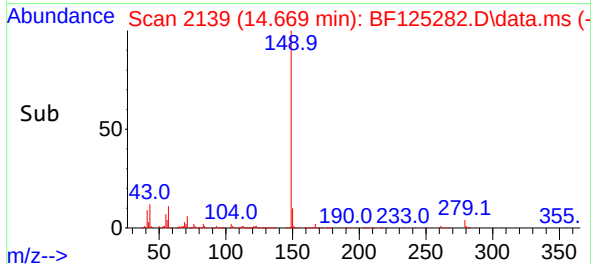
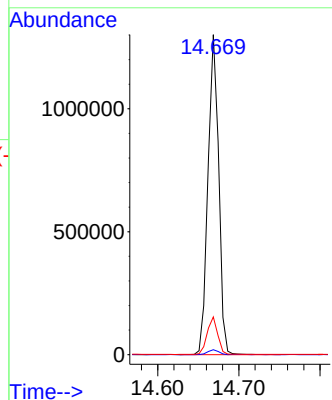
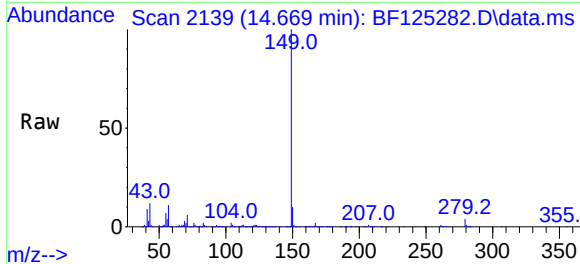
#85  
Di-n-octyl phthalate  
Concen: 36.229 ng  
RT: 14.669 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:149 Resp: 1186679  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.0 1.6#  
43 11.6 9.9 14.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

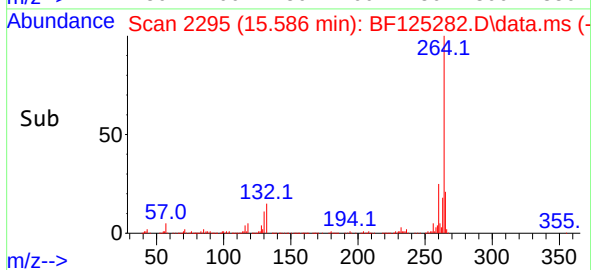
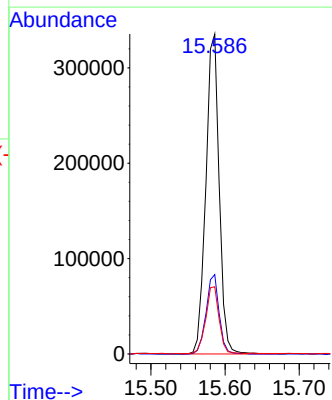
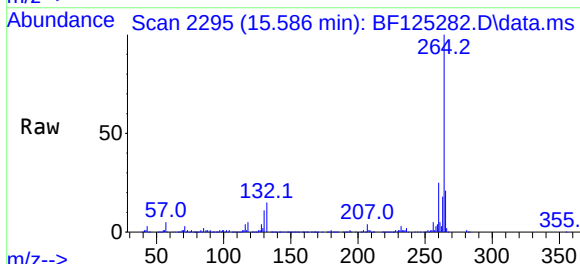
Manual Integrations  
APPROVED

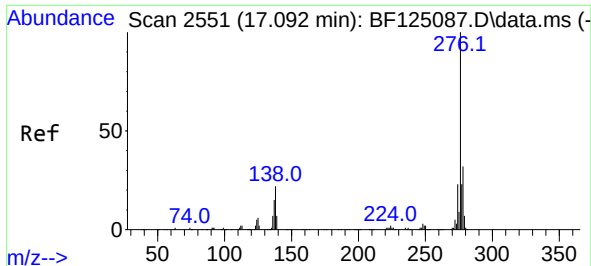
mohammad  
9/1/2021 4:01:42 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.586 min Scan# 2295  
Delta R.T. 0.012 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:264 Resp: 419935  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.6 29.4  
265 21.0 17.2 25.8





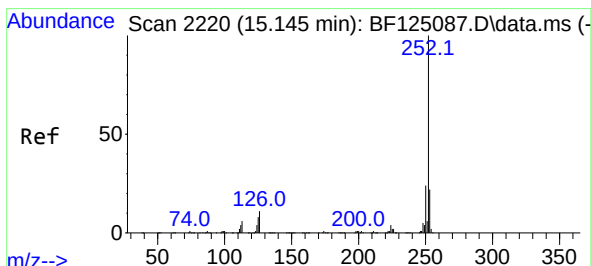
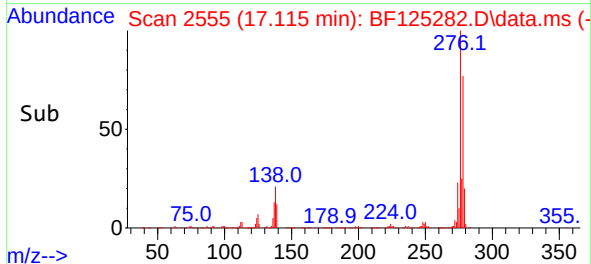
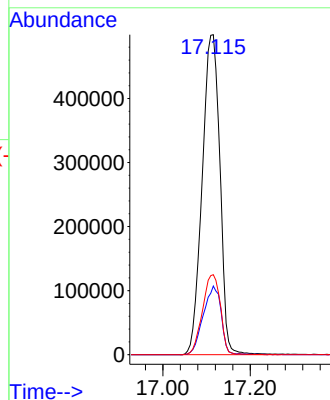
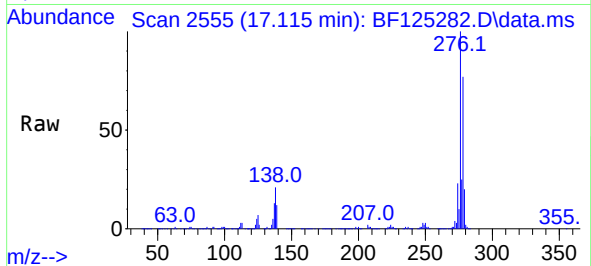
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.686 ng  
RT: 17.115 min Scan# 2555  
Delta R.T. 0.024 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:276 Resp: 1412386  
Ion Ratio Lower Upper  
276 100  
138 21.7 24.1 36.1#  
277 25.3 18.8 28.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

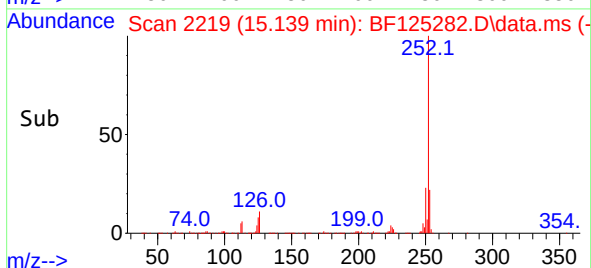
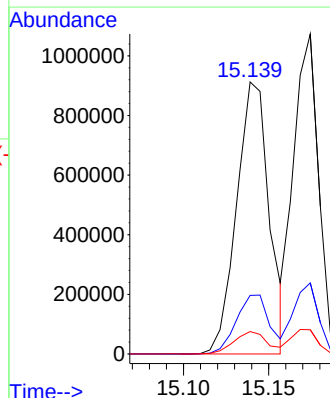
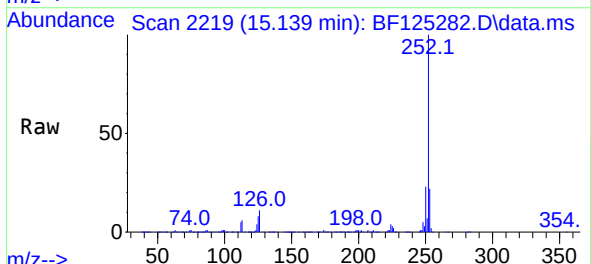
Manual Integrations  
APPROVED

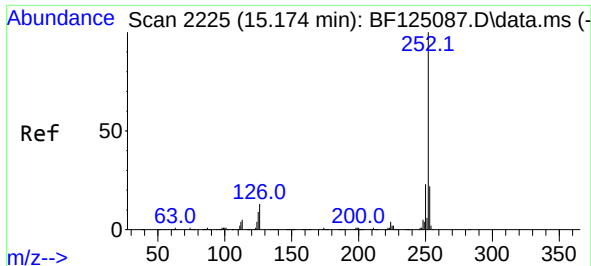
mohammad  
9/1/2021 4:01:42 PM



#88  
Benzo(b)fluoranthene  
Concen: 39.693 ng  
RT: 15.139 min Scan# 2219  
Delta R.T. 0.006 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:252 Resp: 1217772  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.8 25.2  
125 8.3 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 38.449 ng

RT: 15.174 min Scan# 2225

Delta R.T. 0.006 min

Lab File: BF125282.D

Acq: 31 Aug 2021 10:47

Tgt Ion:252 Resp: 1100745

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.6 7.2 10.8

Instrument :

BNA\_F

ClientSampleId :

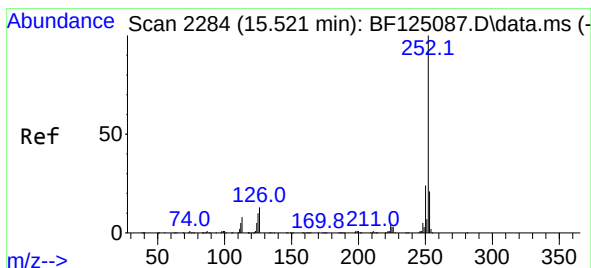
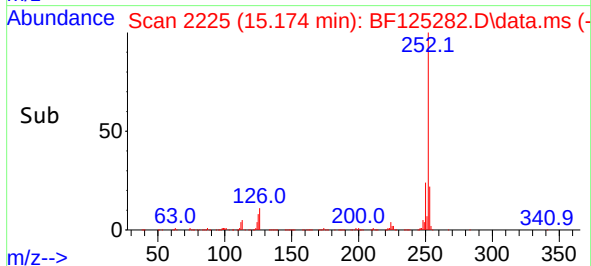
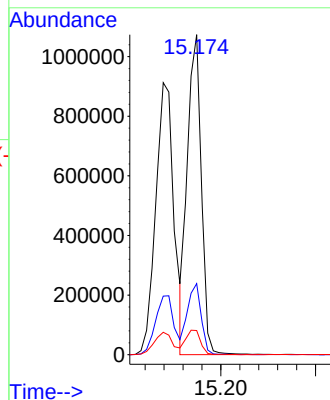
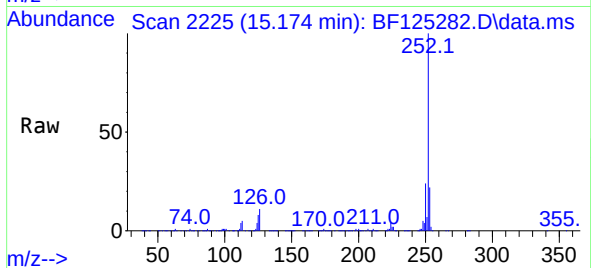
PB138819BS

Manual Integrations

APPROVED

mohammad

9/1/2021 4:01:42 PM



#90

Benzo(a)pyrene

Concen: 42.880 ng

RT: 15.521 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF125282.D

Acq: 31 Aug 2021 10:47

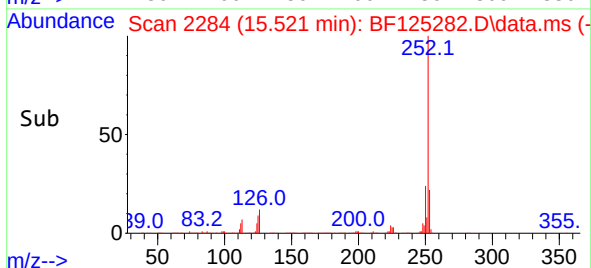
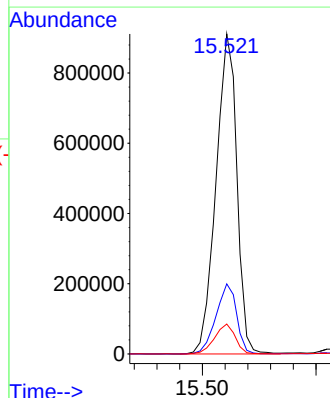
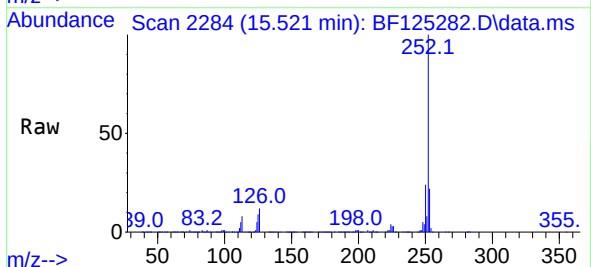
Tgt Ion:252 Resp: 1162055

Ion Ratio Lower Upper

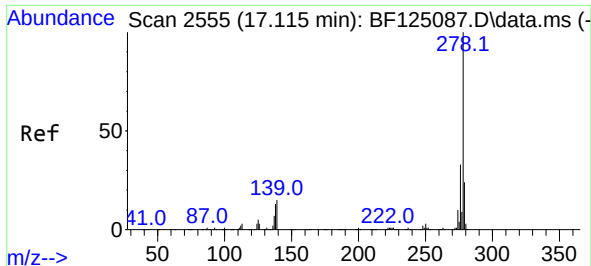
252 100

253 21.9 18.4 27.6

125 9.4 9.9 14.9#







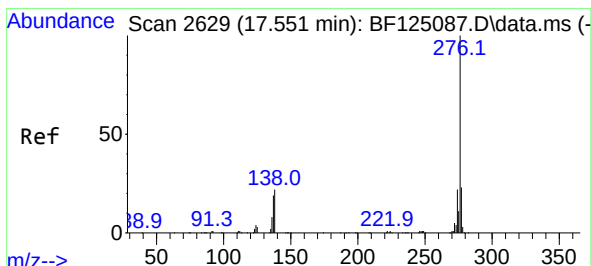
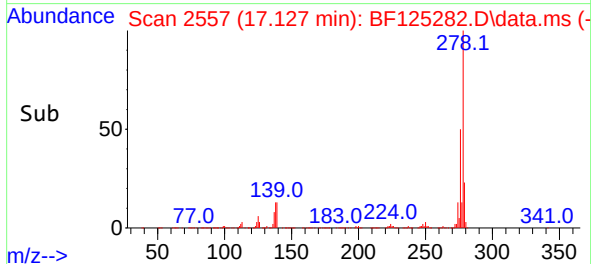
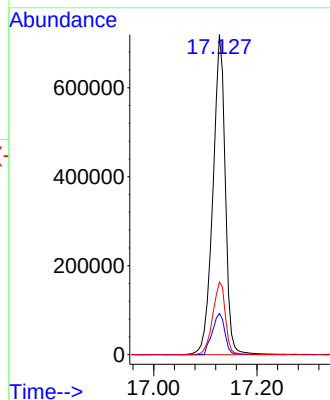
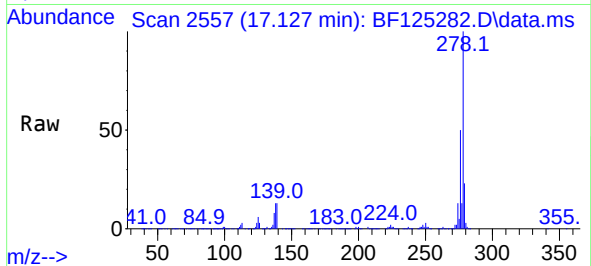
#91  
Dibenzo(a,h)anthracene  
Concen: 45.722 ng  
RT: 17.127 min Scan# 2557  
Delta R.T. 0.018 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:278 Resp: 1195674  
Ion Ratio Lower Upper  
278 100  
139 12.9 14.9 22.3#  
279 22.7 19.7 29.5

Instrument :  
BNA\_F  
ClientSampleId :  
PB138819BS

Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:01:42 PM



#92  
Benzo(g,h,i)perylene  
Concen: 48.799 ng  
RT: 17.574 min Scan# 2633  
Delta R.T. 0.024 min  
Lab File: BF125282.D  
Acq: 31 Aug 2021 10:47

Tgt Ion:276 Resp: 1230462  
Ion Ratio Lower Upper  
276 100  
277 23.8 22.0 33.0  
138 17.7 22.2 33.4#

