

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\  
 Data File : BF118557.D  
 Acq On : 17 Jan 2020 12:58  
 Operator : JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 1/21/2020 7:58:26 AM

Quant Time: Jan 17 15:50:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 17 12:09:51 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 438340   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 1525416  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 835071   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 1463812  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 872334   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.52 | 264  | 841380   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 3383761 | 132.15 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 4405342 | 143.00 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 4082655 | 163.90 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 1391130 | 137.34 | ng | 0.01 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 6099261 | 117.82 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 6353031 | 120.70 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |         |    | Qvalue |
|--------------------------------|------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 2.67 | 88  | 853366  | 81.928  | ng | 99     |
| 3) Pyridine                    | 3.45 | 79  | 2334881 | 84.939  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 1091099 | 114.383 | ng | 98     |
| 6) Aniline                     | 6.55 | 93  | 2393398 | 61.575  | ng | 96     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 1957248 | 68.190  | ng | 96     |
| 9) Benzaldehyde                | 6.44 | 77  | 933411  | 65.057  | ng | 99     |
| 10) Phenol                     | 6.54 | 94  | 2482776 | 71.674  | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 1927178 | 73.999  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 2269443 | 68.219  | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 2263165 | 67.893  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 2076814 | 67.248  | ng | 97     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 1817465 | 82.772  | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 2823822 | 104.713 | ng | 98     |
| 17) 2-Methylphenol             | 7.15 | 107 | 1671163 | 74.617  | ng | 100    |
| 18) Hexachloroethane           | 7.41 | 117 | 859143  | 72.635  | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 1575897 | 88.427  | ng | 99     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 1861699 | 63.850  | ng | 94     |
| 22) Acetophenone               | 7.31 | 105 | 2609444 | 73.737  | ng | 99     |
| 24) Nitrobenzene               | 7.48 | 77  | 2142087 | 86.515  | ng | 99     |
| 25) Isophorone                 | 7.72 | 82  | 3966173 | 88.357  | ng | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 957416  | 65.902  | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 1636183 | 84.372  | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 2501734 | 80.848  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 1810357 | 80.251  | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 2008483 | 78.221  | ng | 100    |
| 31) Naphthalene                | 8.20 | 128 | 4901012 | 64.045  | ng | 95     |
| 32) Benzoic acid               | 7.98 | 122 | 1254284 | 89.573  | ng | 97     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 2476042 | 76.041  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 1252910 | 83.056  | ng | 99     |
| 35) Caprolactam                | 8.65 | 113 | 554977m | 79.829  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 1744119 | 74.911  | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 3558844 | 69.568  | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 3329921 | 68.648  | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 1947400 | 76.049  | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\  
 Data File : BF118557.D  
 Acq On : 17 Jan 2020 12:58  
 Operator : JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

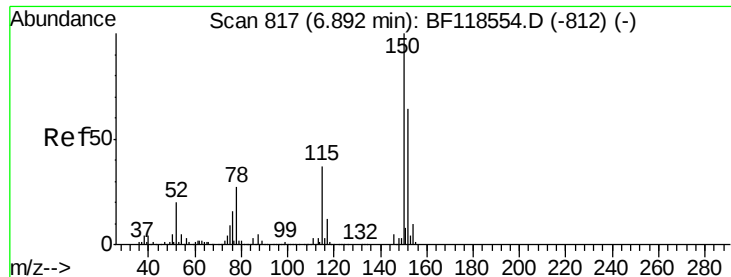
mohammad  
 1/21/2020 7:58:26 AM

Quant Time: Jan 17 15:50:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 17 12:09:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 1103683  | 285.185 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 1334168  | 80.458  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 1365353  | 82.449  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 4077817  | 61.628  | nq    | 96       |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 3557752  | 66.968  | nq    | 95       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 1168198  | 81.876  | nq    | 90       |
| 49) Acenaphthylene             | 9.80  | 152  | 4995158  | 64.528  | nq    | 95       |
| 50) Dimethylphthalate          | 9.66  | 163  | 4144304  | 67.239  | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 978578   | 72.208  | nq    | 95       |
| 52) Acenaphthene               | 9.97  | 154  | 3328943  | 69.895  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.89  | 138  | 1075270  | 68.596  | nq    | # 96     |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 368540   | 72.812  | nq    | # 1      |
| 55) Dibenzofuran               | 10.15 | 168  | 4575496  | 66.207  | nq    | 94       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 806181   | 112.204 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 1216455  | 70.222  | nq    | 95       |
| 58) Fluorene                   | 10.49 | 166  | 3460230  | 61.638  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 1132991  | 83.664  | nq    | 99       |
| 60) Diethylphthalate           | 10.36 | 149  | 3944338  | 64.225  | nq    | 95       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 1926168  | 68.199  | nq    | 98       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 1040227  | 67.201  | nq    | 99       |
| 63) Azobenzene                 | 10.63 | 77   | 3822985  | 75.154  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 519029   | 67.197  | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.60 | 169  | 3364674  | 70.010  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 1464181  | 82.975  | nq    | # 93     |
| 68) Hexachlorobenzene          | 11.03 | 284  | 1595110  | 76.239  | nq    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 844952   | 146.333 | nq    | 99       |
| 71) Phenanthrene               | 11.44 | 178  | 5044369  | 64.016  | nq    | 96       |
| 72) Anthracene                 | 11.50 | 178  | 4965908  | 63.230  | nq    | 95       |
| 73) Carbazole                  | 11.64 | 167  | 4607151  | 65.663  | nq    | 96       |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 5179322  | 57.073  | nq    | 97       |
| 75) Fluoranthene               | 12.63 | 202  | 4958839  | 62.996  | nq    | 97       |
| 77) Benzdine                   | 12.74 | 184  | 1741076  | 89.421  | nq    | 96       |
| 78) Pyrene                     | 12.86 | 202  | 5003021  | 67.873  | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 2195508  | 66.540  | nq    | 96       |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 4009113  | 66.303  | nq    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 1344683  | 65.497  | nq    | 99       |
| 83) Chrysene                   | 14.09 | 228  | 3853905  | 66.498  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 2577657  | 58.473  | nq    | # 97     |
| 85) Di-n-octyl phthalate       | 14.65 | 149  | 3997436  | 60.605  | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.02 | 276  | 4837382  | 88.823  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.10 | 252  | 3917685  | 72.654  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.13 | 252  | 3712161  | 75.999  | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.47 | 252  | 3616295  | 75.259  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 17.04 | 278  | 3880557  | 88.940  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276  | 3934837  | 92.701  | nq    | 98       |

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





#1

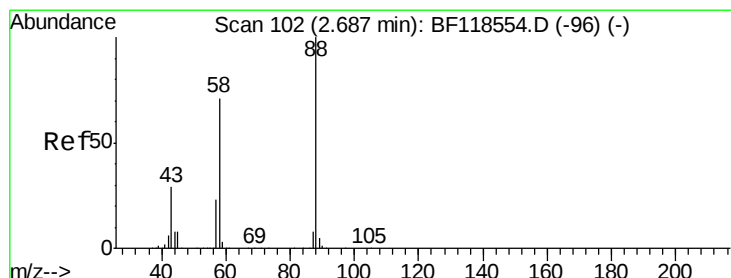
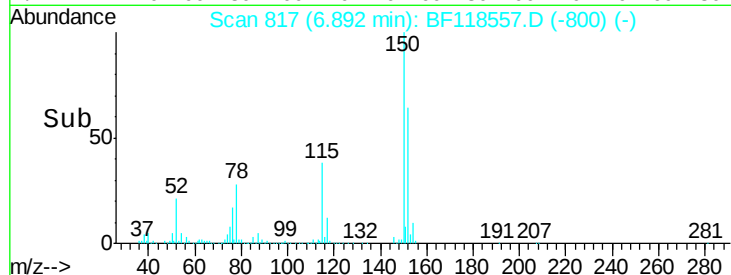
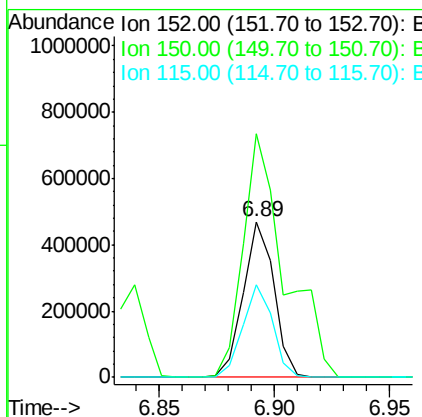
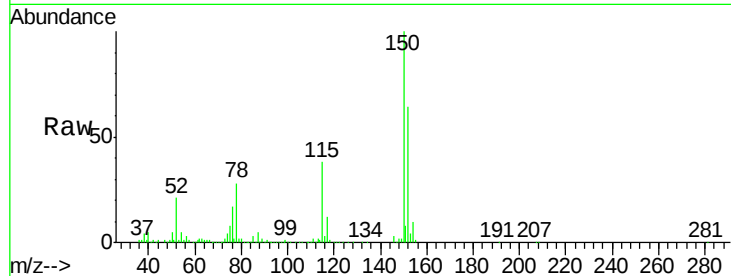
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 124.9 | 187.3 |
| 115     | 59.7  | 45.8  | 68.6  |

Manual Integrations  
APPROVED

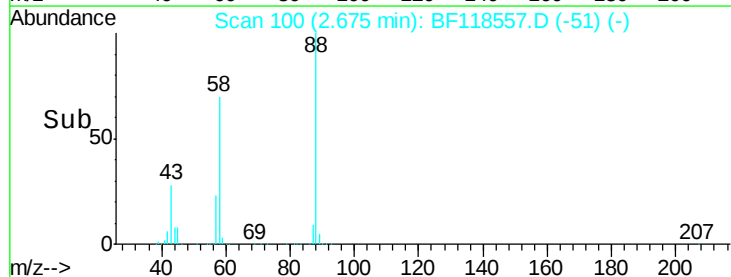
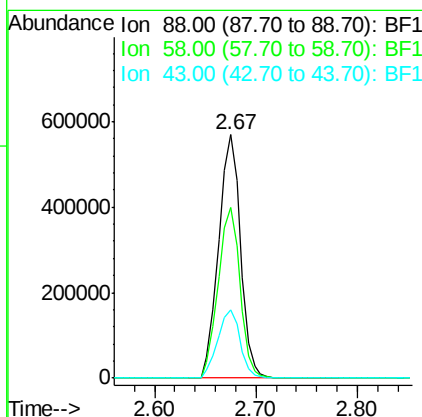
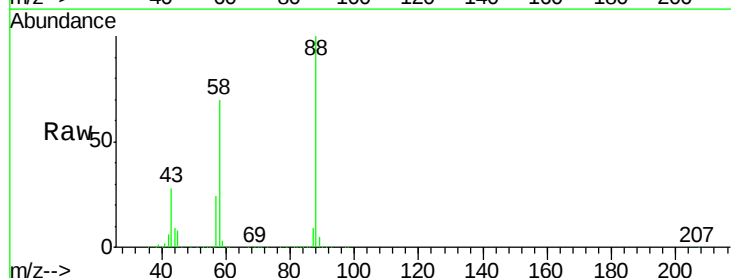
mohammad  
1/21/2020 7:58:26 AM

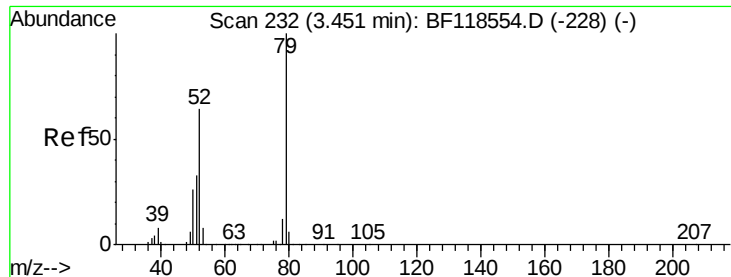


#2

1,4-Dioxane  
Concen: 81.928 ng  
RT: 2.67 min Scan# 100  
Delta R.T. -0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.3  | 56.7  | 85.1  |
| 43      | 28.5  | 23.3  | 34.9  |





#3  
 Pvridine  
 Concen: 84.939 ng  
 RT: 3.45 min Scan# 231  
 Delta R.T. -0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

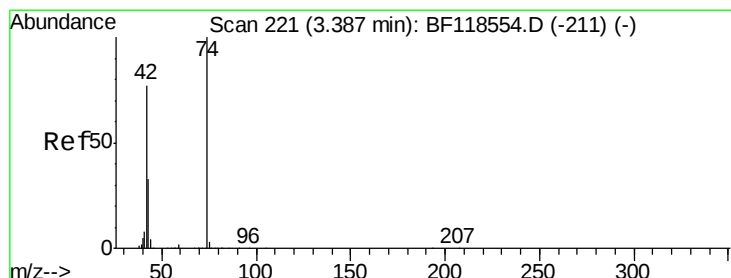
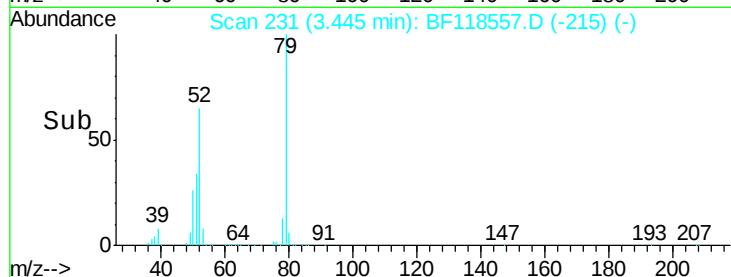
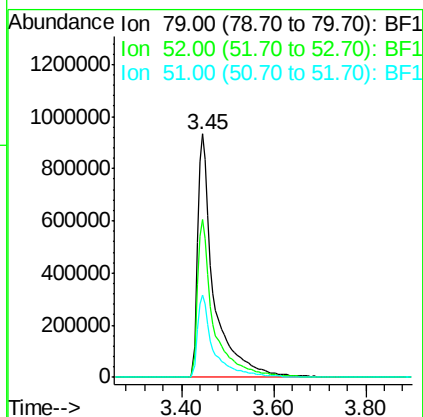
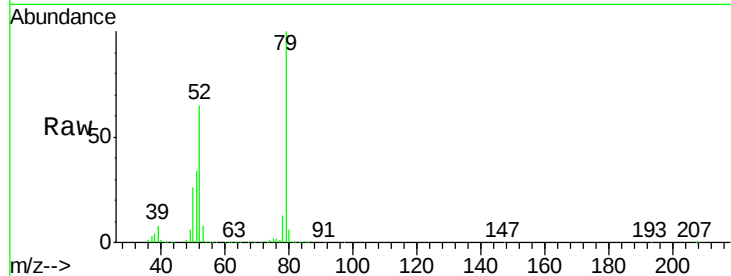
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion: 79 Resp: 2334881  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 64.9  | 51.3  | 76.9  |
| 51  | 34.0  | 26.7  | 40.1  |

Manual Integrations  
 APPROVED

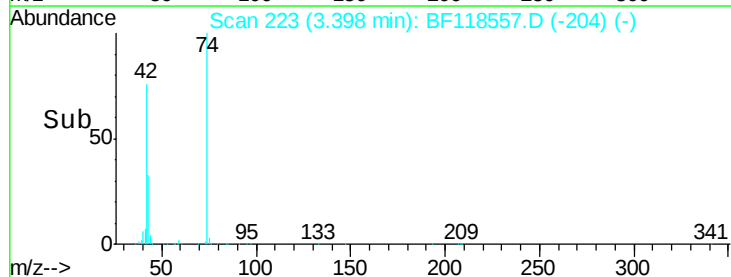
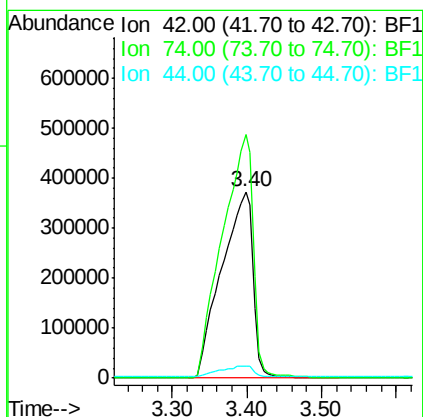
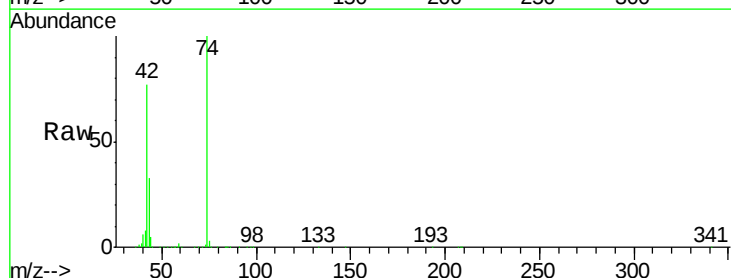
mohammad  
 1/21/2020 7:58:26 AM

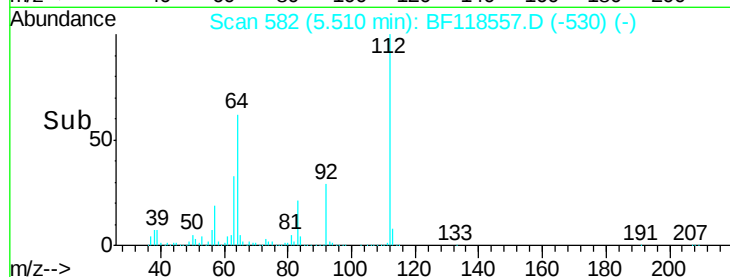
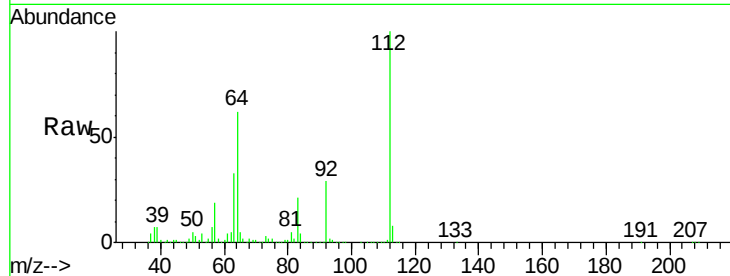
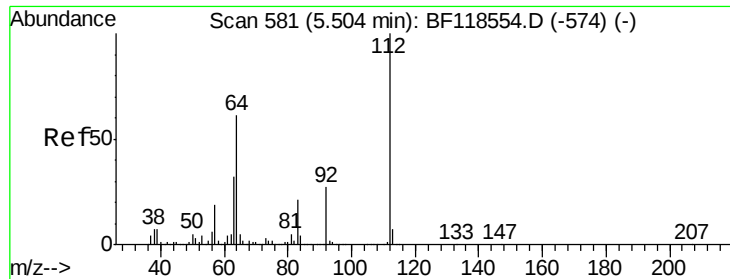


#4  
 n-Nitrosodimethylamine  
 Concen: 114.383 ng  
 RT: 3.40 min Scan# 223  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Tgt Ion: 42 Resp: 1091099  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 130.7 | 103.1 | 154.7 |
| 44  | 6.5   | 5.4   | 8.2   |





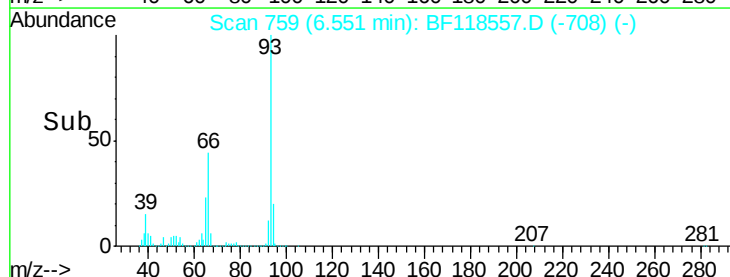
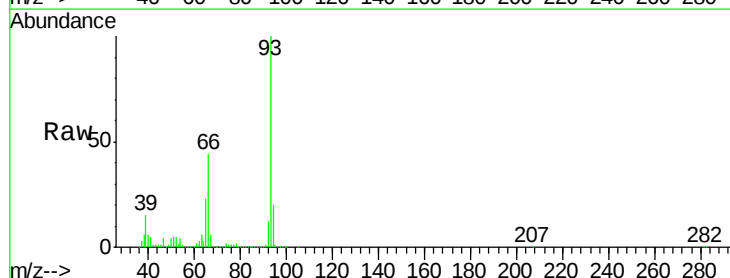
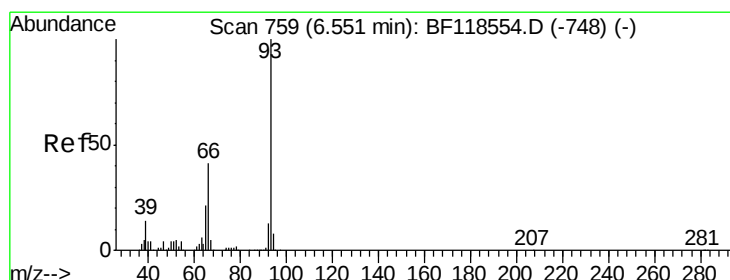
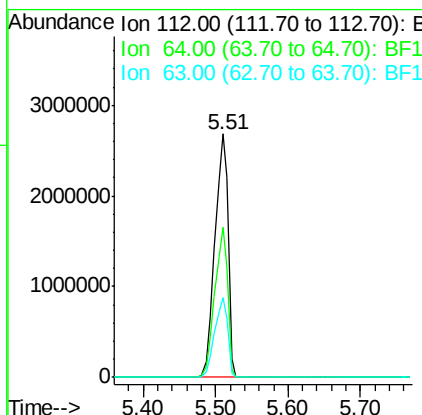
#5  
2-Fluorophenol  
Concen: 132.146 ng  
RT: 5.51 min Scan# 582  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Tot Ion: 112 Resp: 3383761  
Ion Ratio Lower Upper  
112 100  
64 61.8 49.1 73.7  
63 33.0 25.8 38.8

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

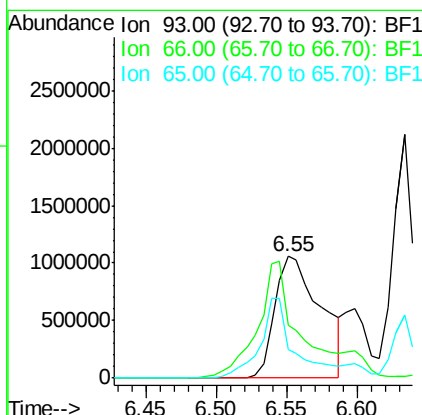
Manual Integrations  
APPROVED

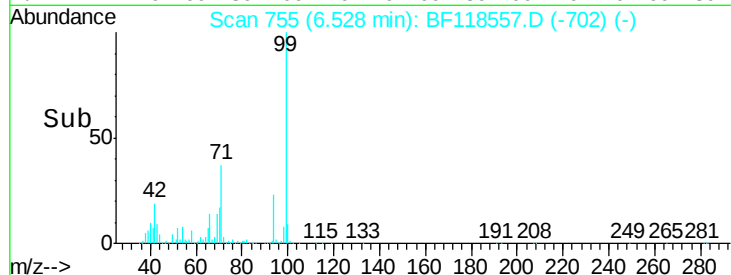
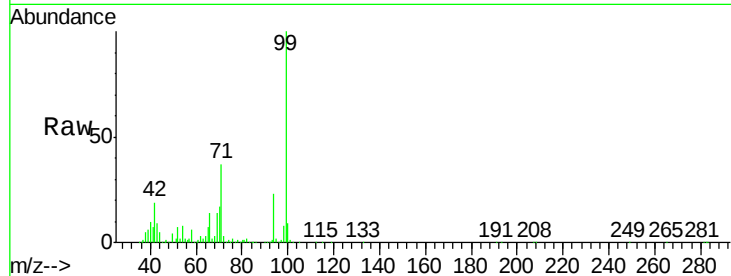
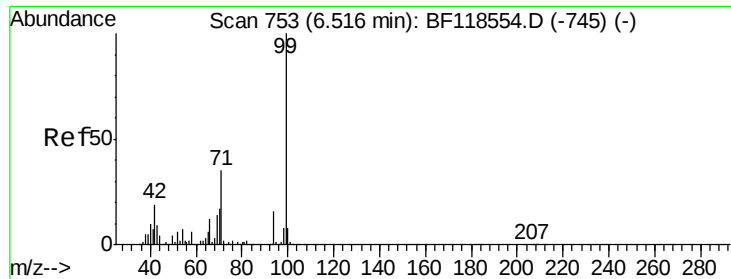
mohammad  
1/21/2020 7:58:26 AM



#6  
Aniline  
Concen: 61.575 ng  
RT: 6.55 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Tgt Ion: 93 Resp: 2393398  
Ion Ratio Lower Upper  
93 100  
66 43.5 32.9 49.3  
65 23.0 16.5 24.7





#7

Phenol-d6

Concen: 142.996 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Tot Ion: 99 Resp: 4405342

Ion Ratio Lower Upper

99 100

42 19.4 14.9 22.3

71 36.8 28.3 42.5

Instrument :

BNA\_F

ClientSampleId :

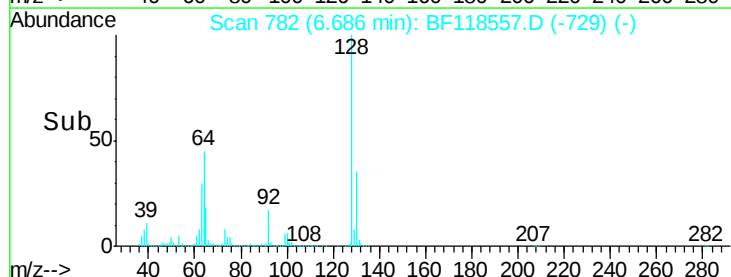
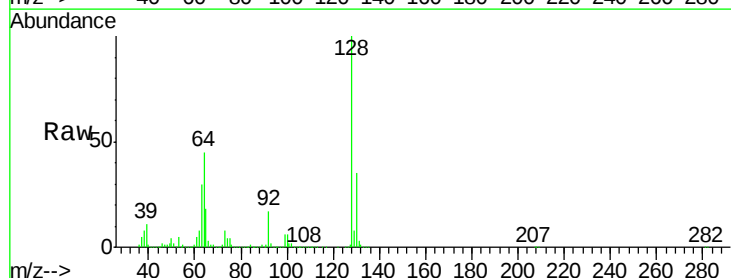
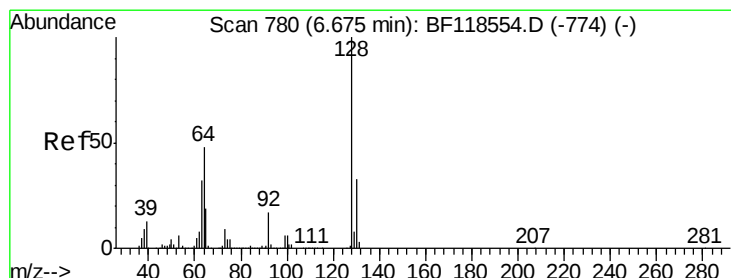
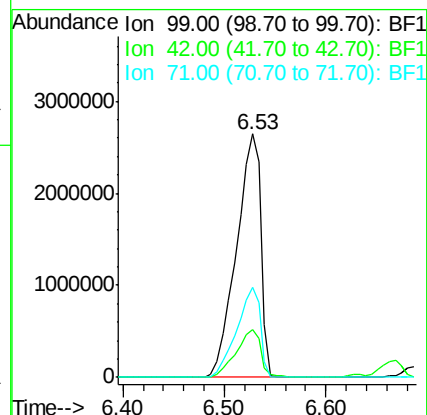
SSTDIC080

Manual Integrations

APPROVED

mohammad

1/21/2020 7:58:26 AM



#8

2-Chlorophenol

Concen: 68.190 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

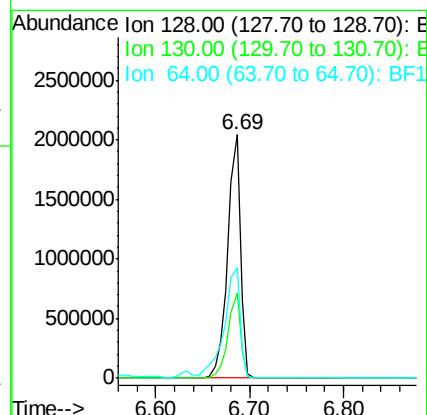
Tgt Ion:128 Resp: 1957248

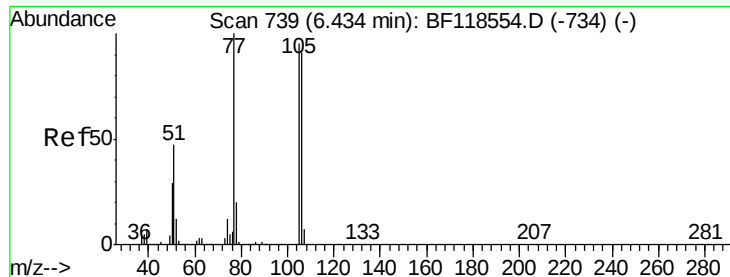
Ion Ratio Lower Upper

128 100

130 34.9 13.2 53.2

64 45.4 28.9 68.9





#9

Benzaldehyde

Concen: 65.057 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

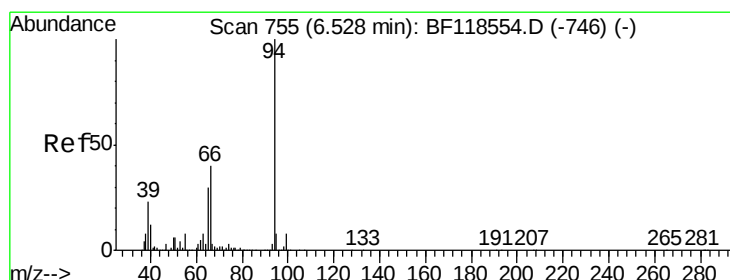
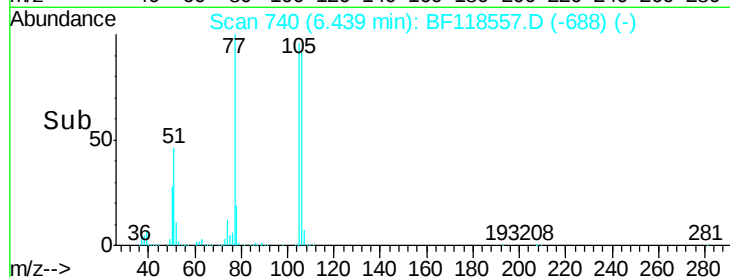
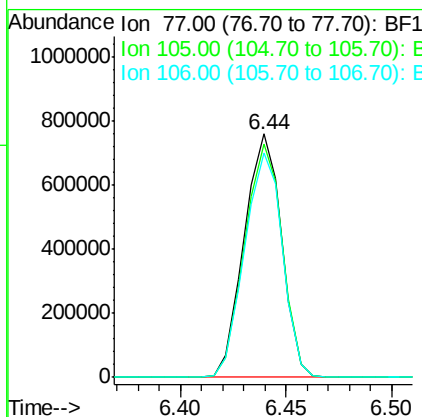
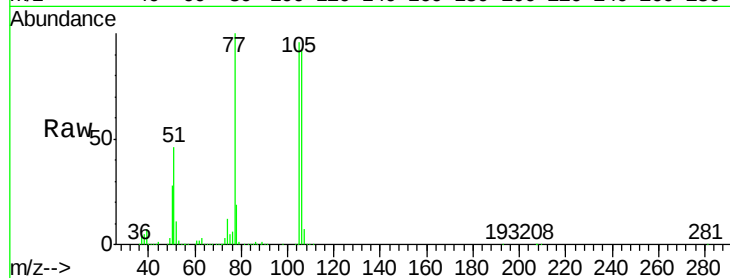
ClientSampleId :

SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 933411 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 95.7  | 75.2  | 115.2  |
| 106      | 92.2  | 71.4  | 111.4  |

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



#10

Phenol

Concen: 71.674 ng

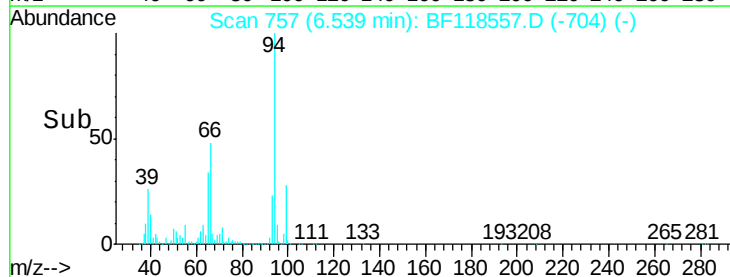
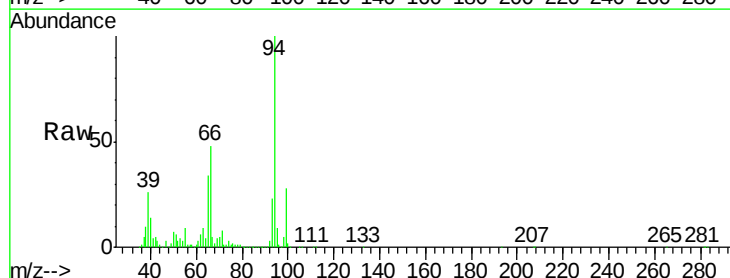
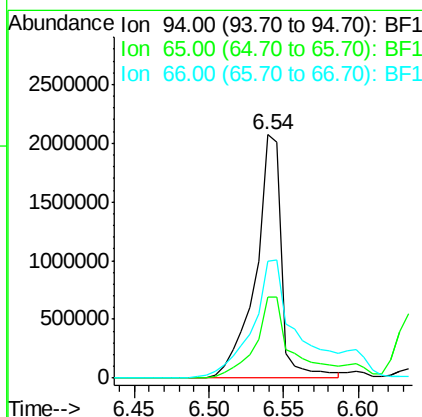
RT: 6.54 min Scan# 757

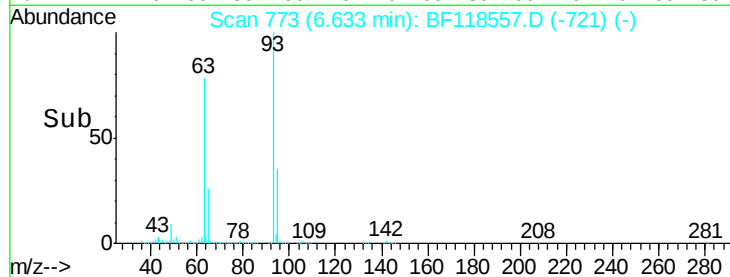
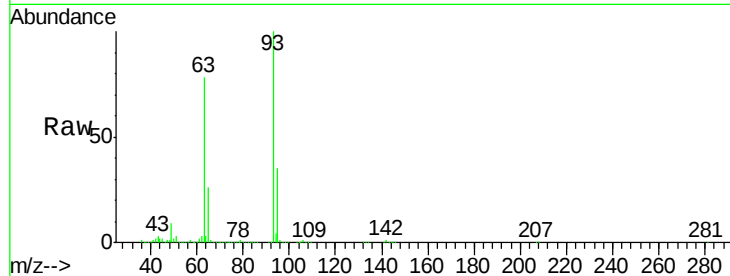
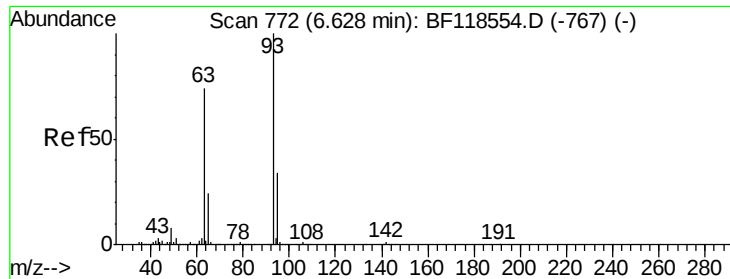
Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 2482776 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 33.6  | 9.8   | 49.8    |
| 66       | 48.2  | 19.5  | 59.5    |





#11  
bis(2-Chloroethyl)ether  
Concen: 73.999 ng  
RT: 6.63 min Scan# 773  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

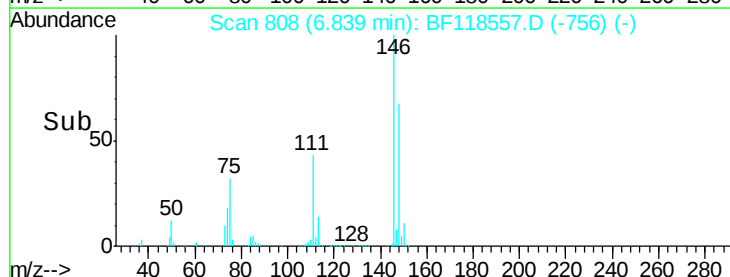
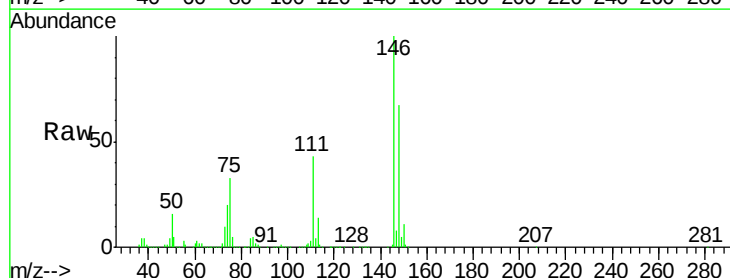
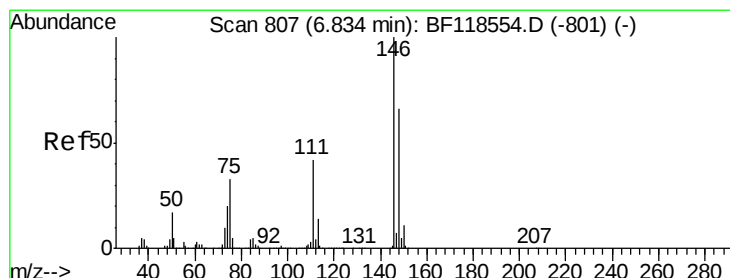
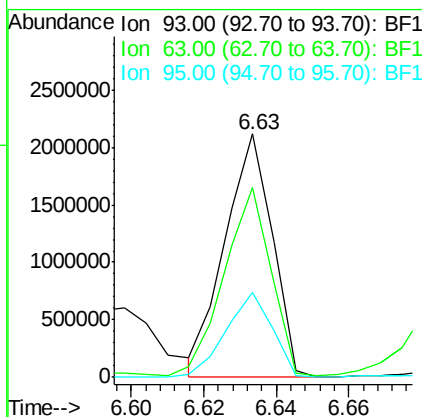
Tot Ion: 93 Resp: 1927178

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 77.8  | 54.0  | 94.0  |
| 95  | 34.7  | 13.5  | 53.5  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Manual Integrations  
APPROVED

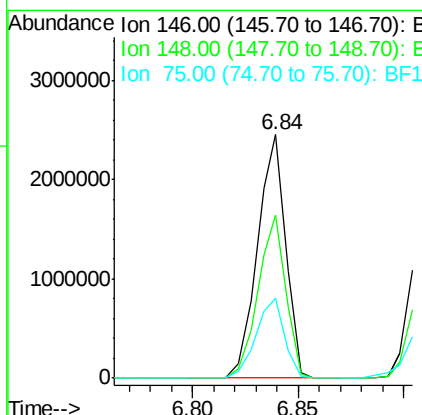
mohammad  
1/21/2020 7:58:26 AM

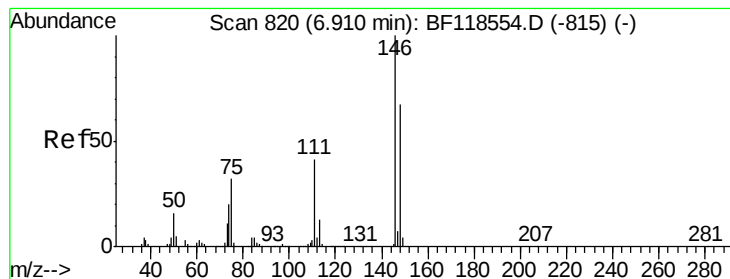


#12  
1,3-Dichlorobenzene  
Concen: 68.219 ng  
RT: 6.84 min Scan# 808  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Tgt Ion: 146 Resp: 2269443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 67.0  | 53.0  | 79.6  |
| 75  | 32.6  | 26.5  | 39.7  |





#13

1,4-Dichlorobenzene

Concen: 67.893 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 2263165

Ion Ratio Lower Upper

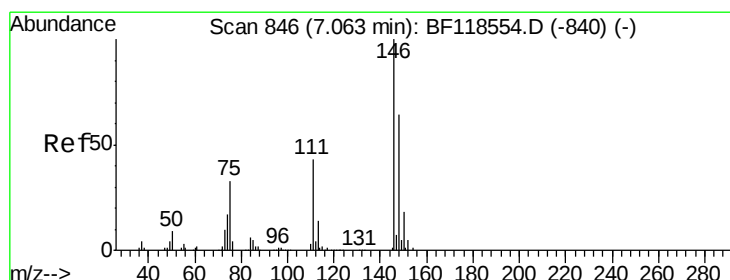
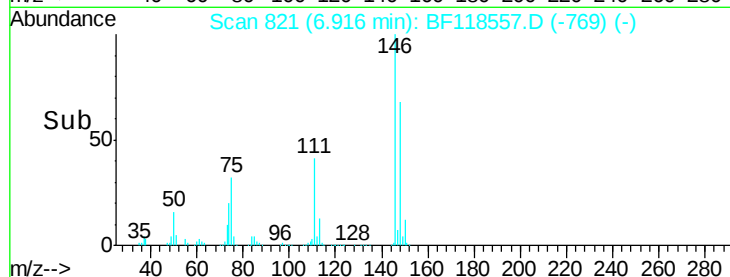
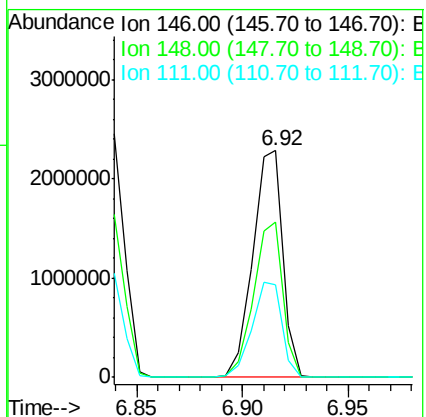
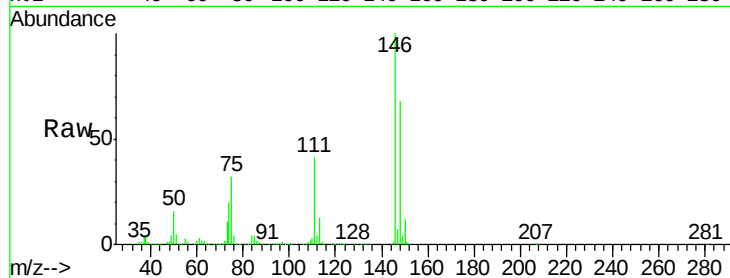
146 100

148 68.4 53.4 80.2

111 40.9 32.6 48.8

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



#14

1,2-Dichlorobenzene

Concen: 67.248 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

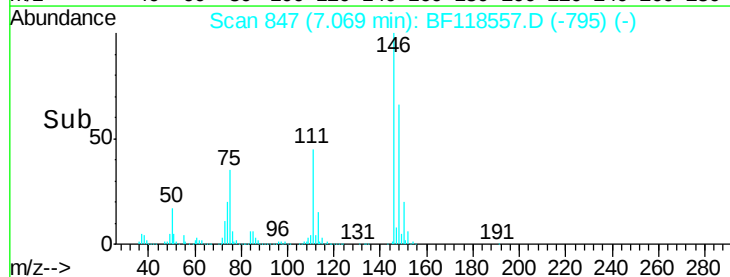
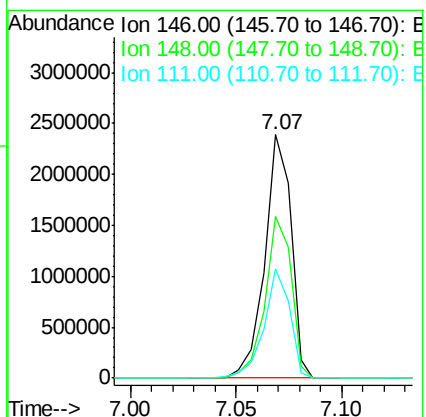
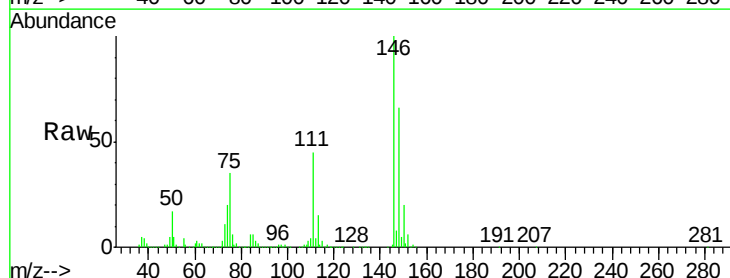
Tgt Ion:146 Resp: 2076814

Ion Ratio Lower Upper

146 100

148 66.5 51.2 76.8

111 44.9 34.6 52.0





#15

Benzyl Alcohol

Concen: 82.772 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1817465

Ion Ratio Lower Upper

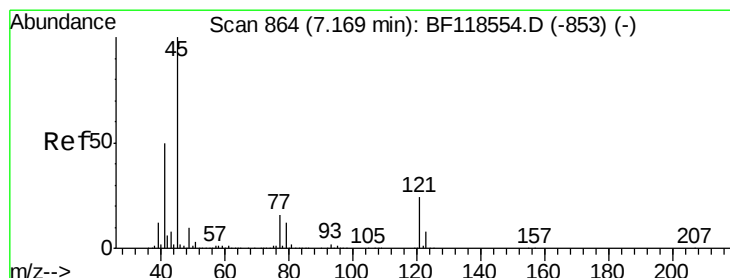
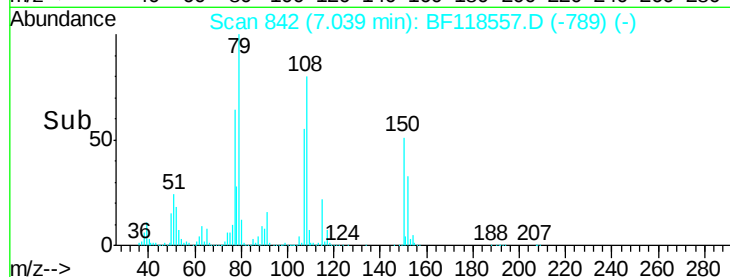
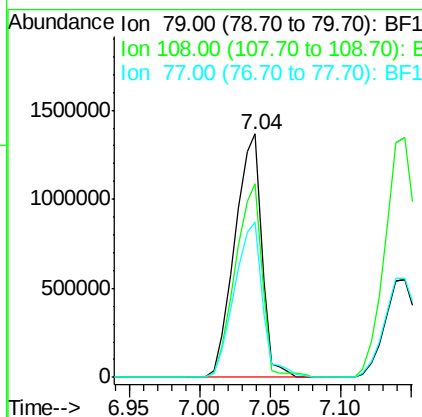
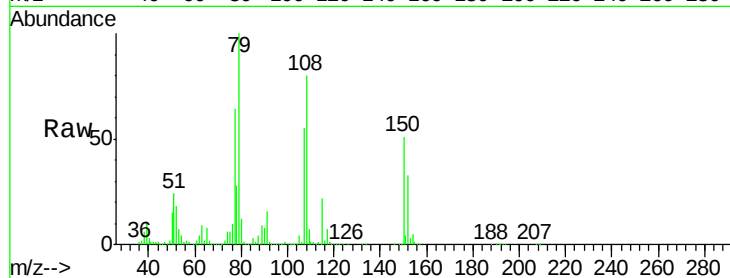
79 100

108 79.7 61.9 92.9

77 63.6 51.5 77.3

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 104.713 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

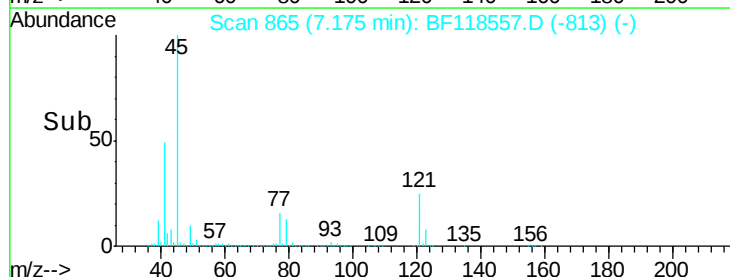
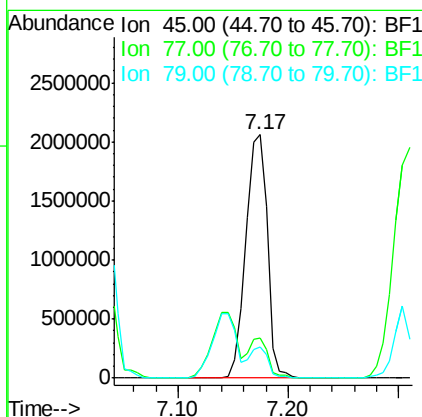
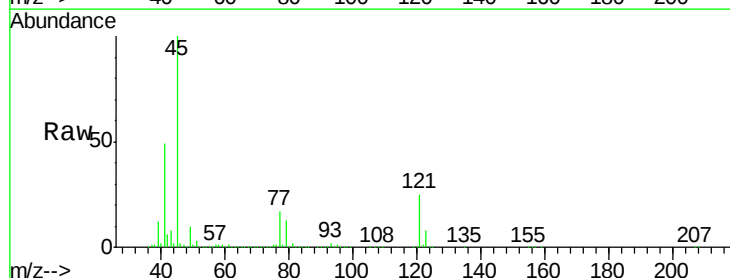
Tgt Ion: 45 Resp: 2823822

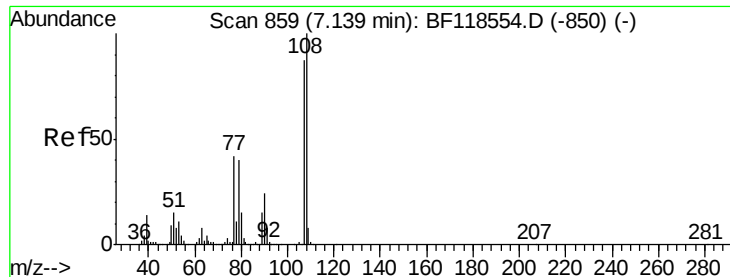
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.8

79 12.8 0.0 32.2





#17

2-Methylphenol

Concen: 74.617 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:107 Resp: 1671163

Ion Ratio Lower Upper

107 100

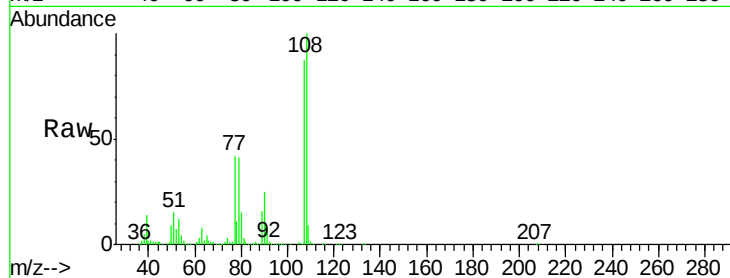
108 115.4 92.3 138.5

77 47.9 38.6 57.8

79 47.2 37.0 55.6

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM

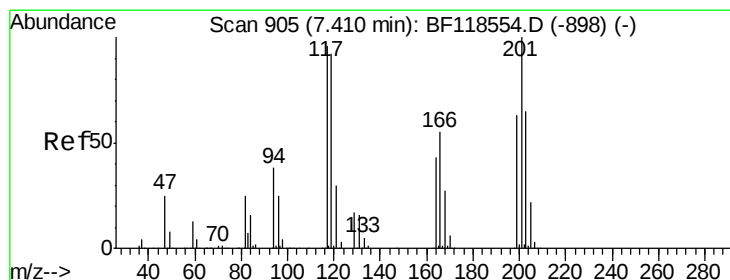
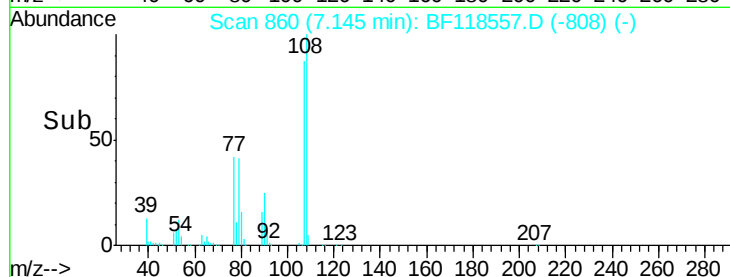
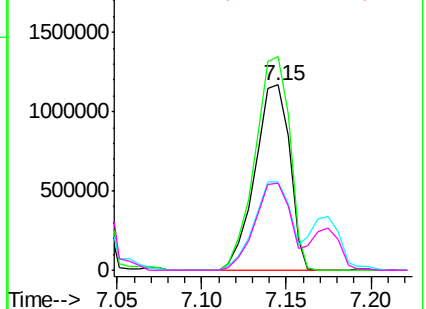


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 72.635 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

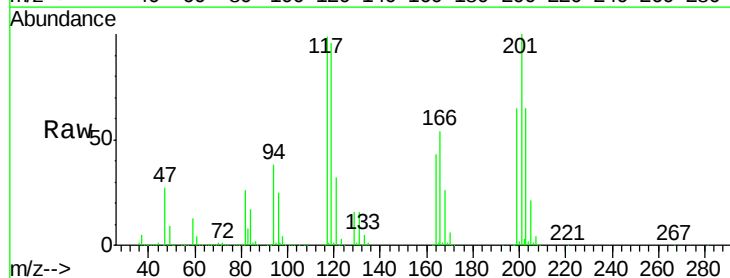
Tgt Ion:117 Resp: 859143

Ion Ratio Lower Upper

117 100

119 96.3 76.9 115.3

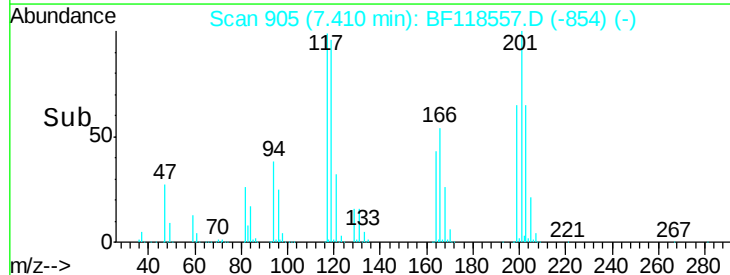
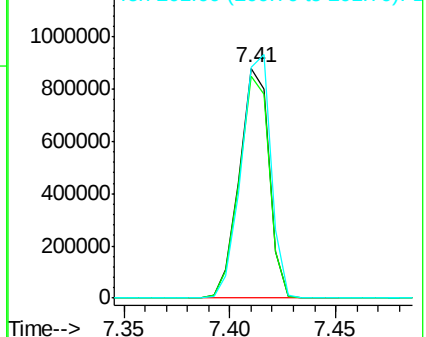
201 100.7 83.6 125.4

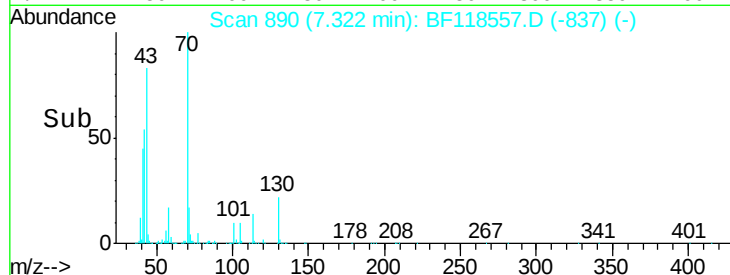
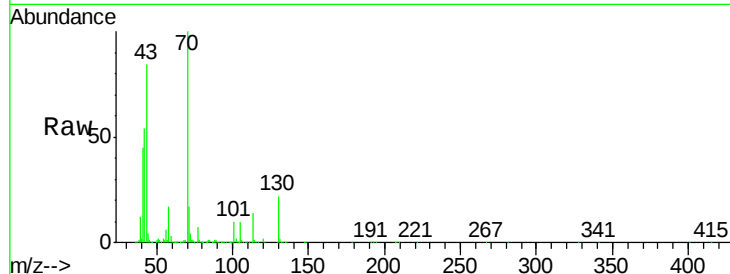
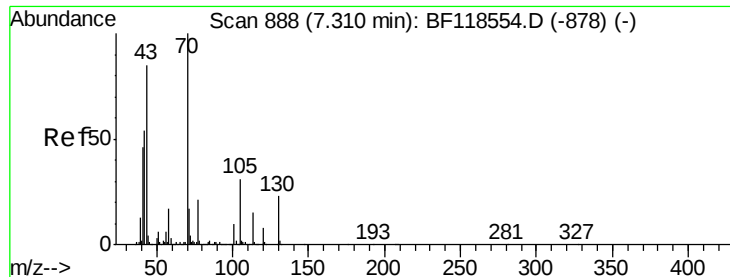


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

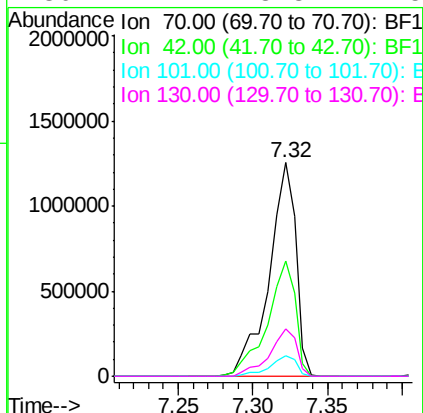
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 88.427 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

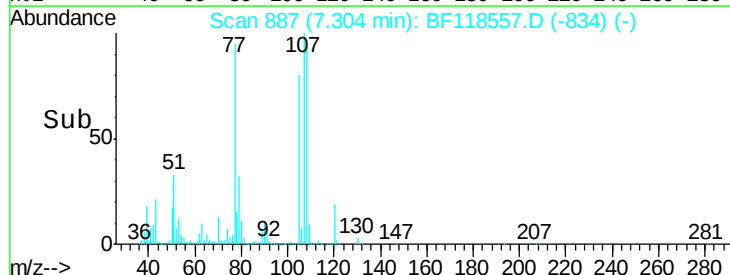
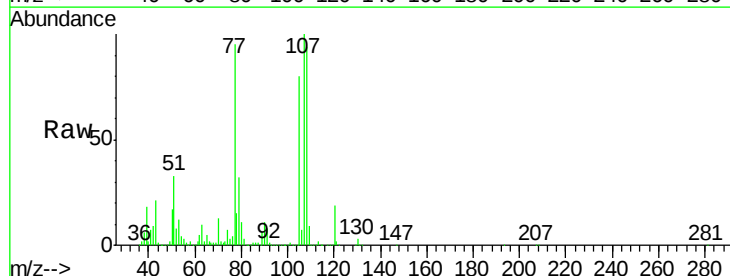
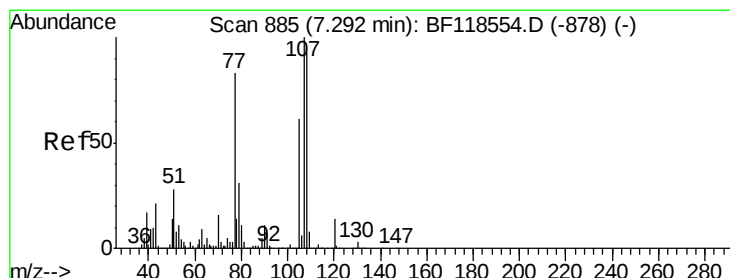
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 54.2  | 43.6  | 65.4  |
| 101     | 9.9   | 7.7   | 11.5  |
| 130     | 22.2  | 18.3  | 27.5  |



Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

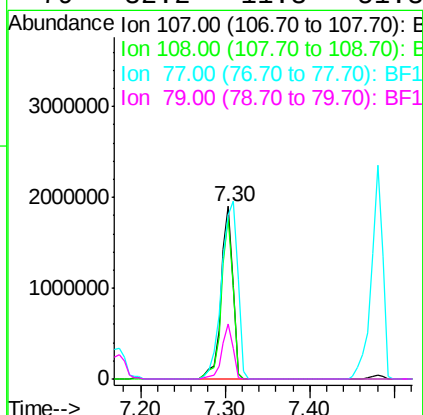
Manual Integrations  
APPROVED

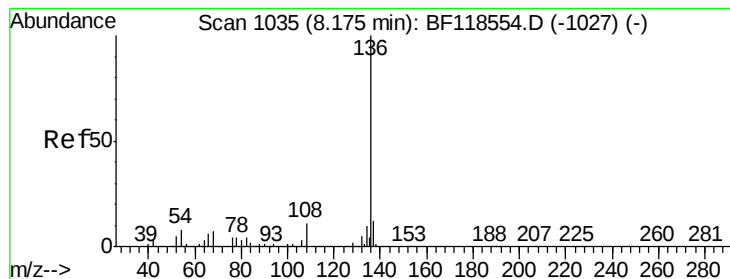
mohammad  
1/21/2020 7:58:26 AM



#20  
3+4-Methylphenols  
Concen: 63.850 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.5  | 72.6  | 112.6 |
| 77      | 95.0  | 63.0  | 103.0 |
| 79      | 32.2  | 11.3  | 51.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:136 Resp: 1525416

Ion Ratio Lower Upper

136 100

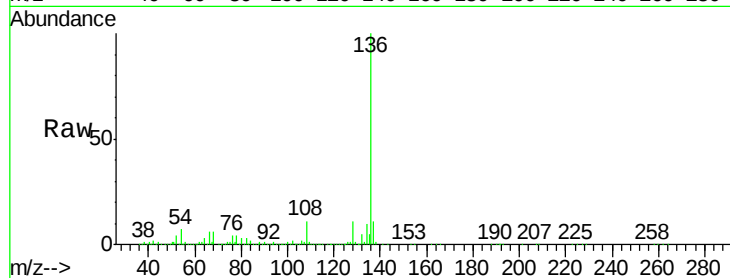
137 11.2 9.4 14.0

54 7.0 6.2 9.2

68 5.9 5.4 8.0

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM

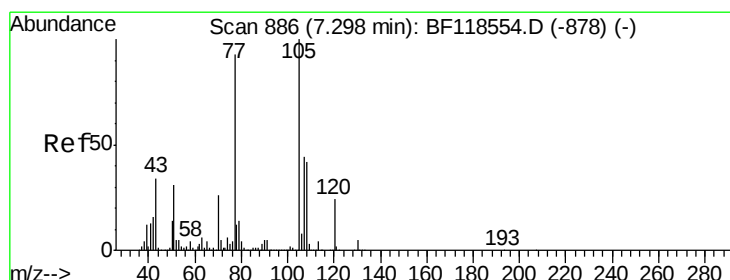
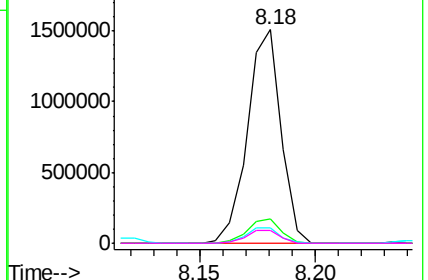
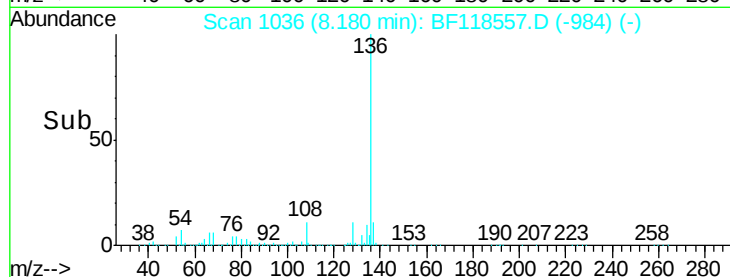


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 73.737 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Tgt Ion:105 Resp: 2609444

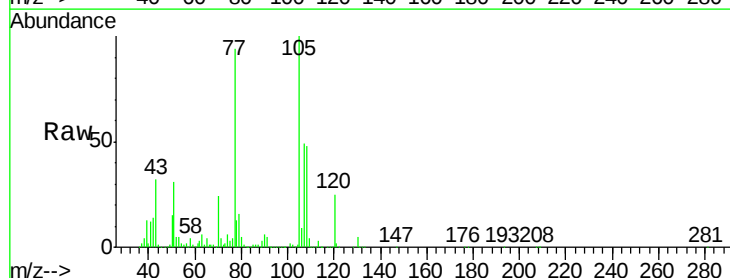
Ion Ratio Lower Upper

105 100

71 4.2 3.8 5.6

51 31.4 24.9 37.3

120 25.0 19.2 28.8

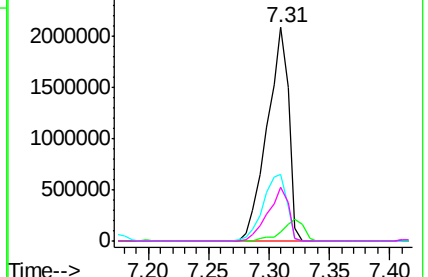
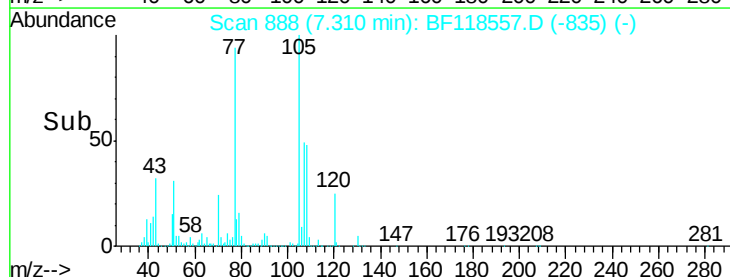


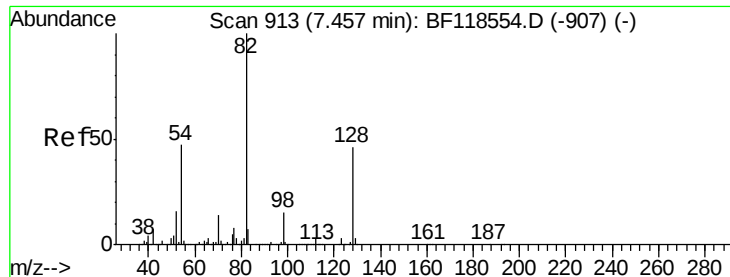
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





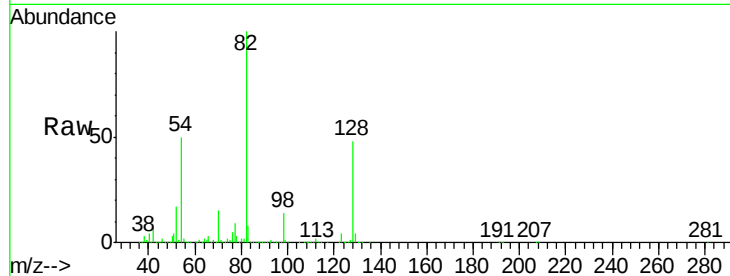
#23  
Nitrobenzene-d5  
Concen: 163.897 ng  
RT: 7.46 min Scan# 914  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

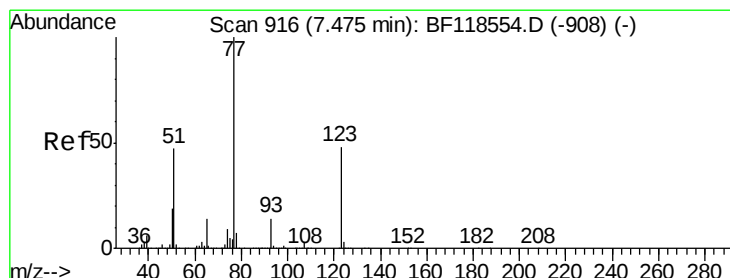
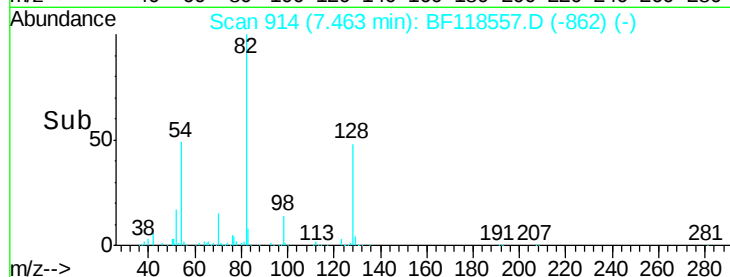
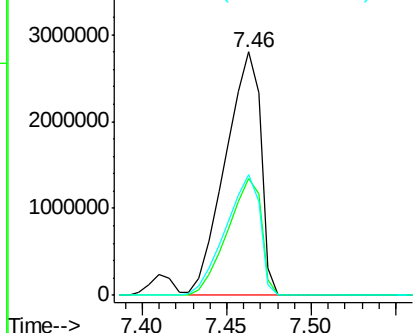
Tot Ion: 82 Resp: 4082655  
Ion Ratio Lower Upper  
82 100  
128 48.2 37.0 55.4  
54 49.6 37.4 56.0

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM

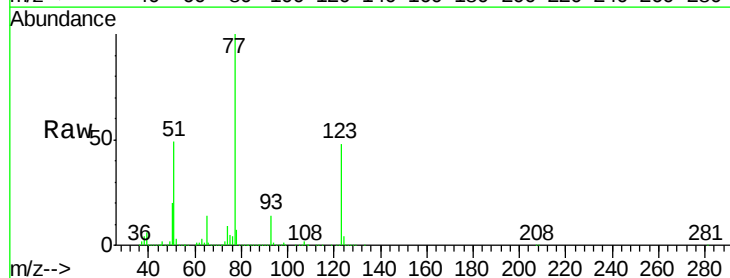


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

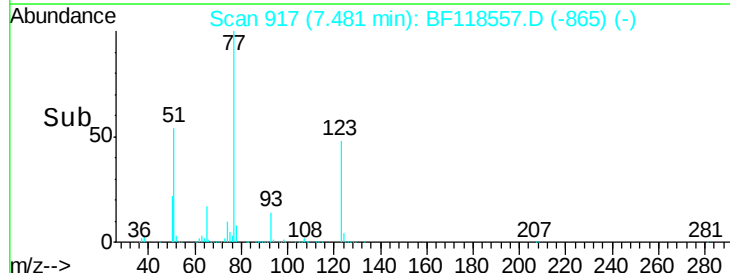
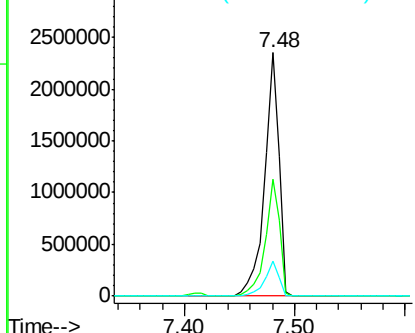


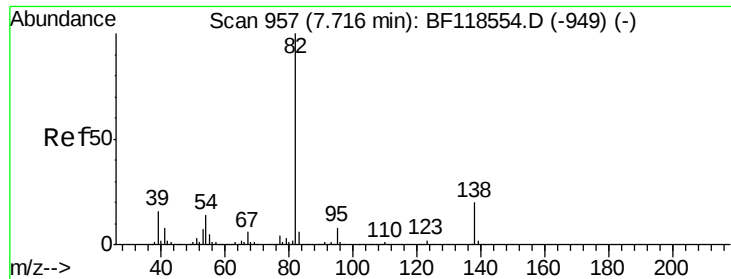
#24  
Nitrobenzene  
Concen: 86.515 ng  
RT: 7.48 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Tgt Ion: 77 Resp: 2142087  
Ion Ratio Lower Upper  
77 100  
123 47.9 38.2 57.2  
65 14.5 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 88.357 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 3966173

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

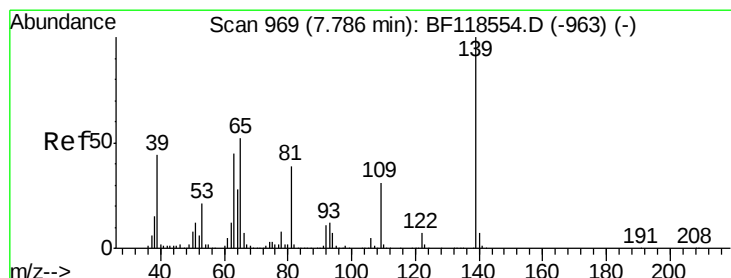
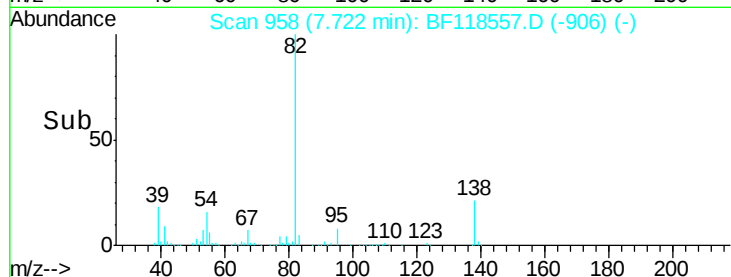
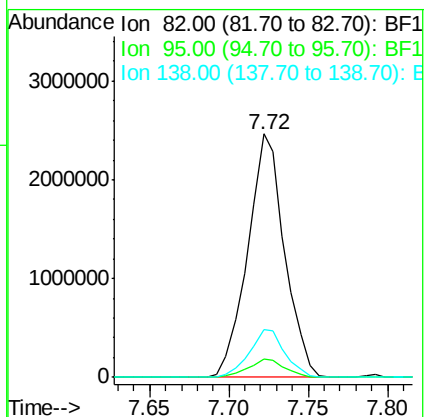
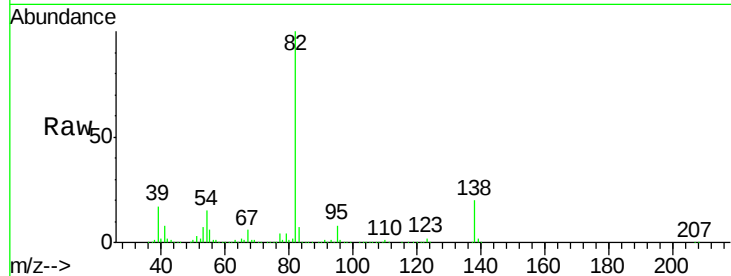
138 19.6 15.8 23.8

Manual Integrations

APPROVED

mohammad

1/21/2020 7:58:26 AM



#26

2-Nitrophenol

Concen: 65.902 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

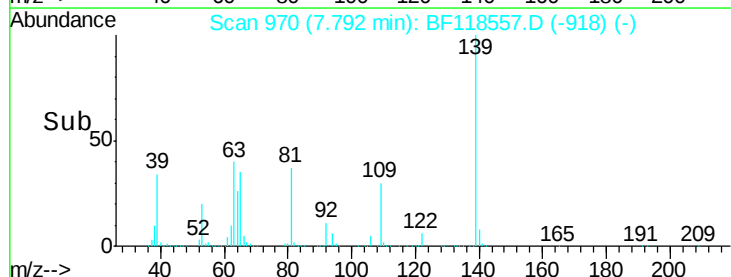
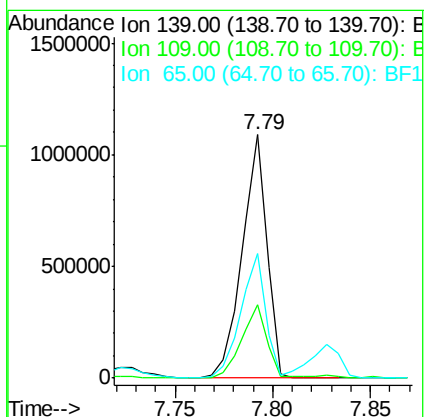
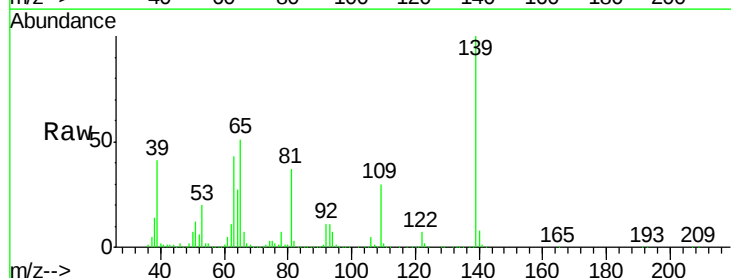
Tgt Ion: 139 Resp: 957416

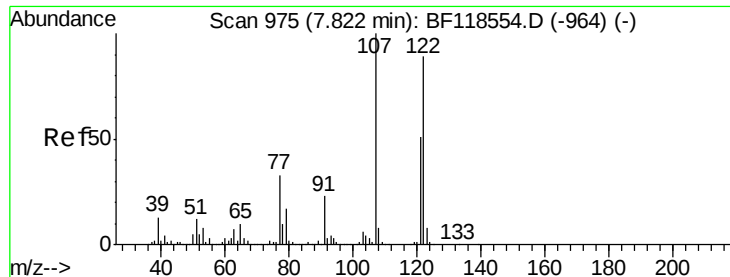
Ion Ratio Lower Upper

139 100

109 30.3 24.6 36.8

65 51.2 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 84.372 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:122 Resp: 1636183

Ion Ratio Lower Upper

122 100

107 111.7 89.6 134.4

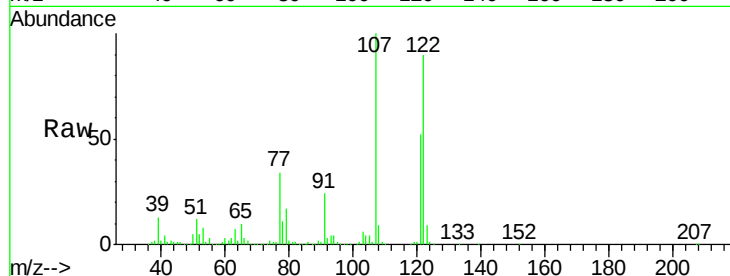
121 58.4 45.9 68.9

Manual Integrations

APPROVED

mohammad

1/21/2020 7:58:26 AM

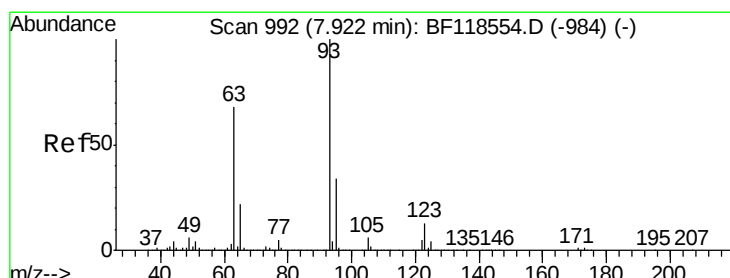
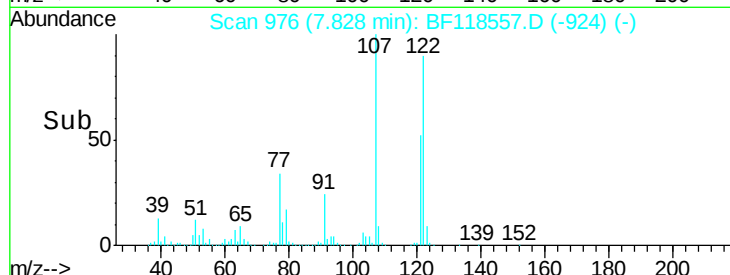
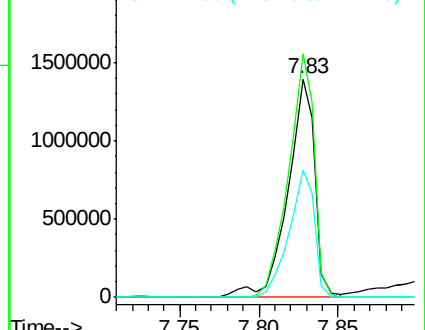


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 80.848 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

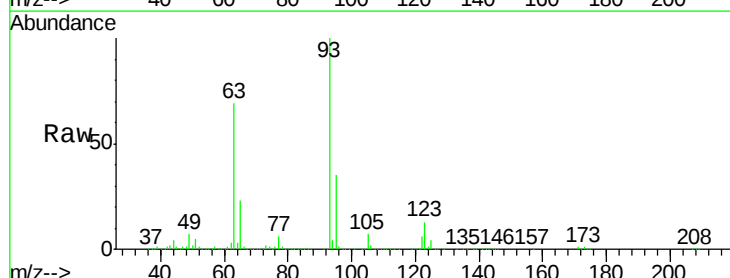
Tgt Ion: 93 Resp: 2501734

Ion Ratio Lower Upper

93 100

95 35.4 27.3 40.9

123 13.3 10.2 15.4

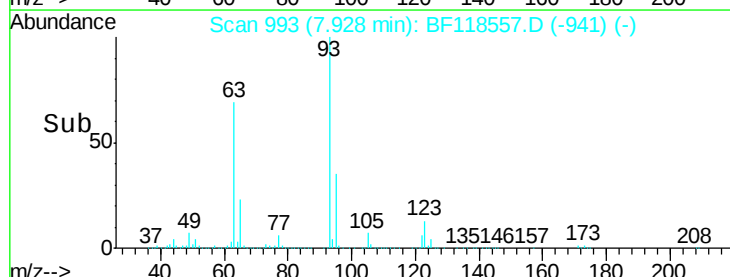
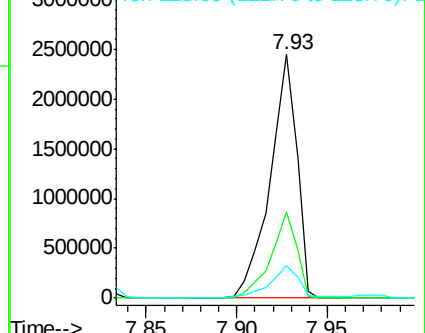


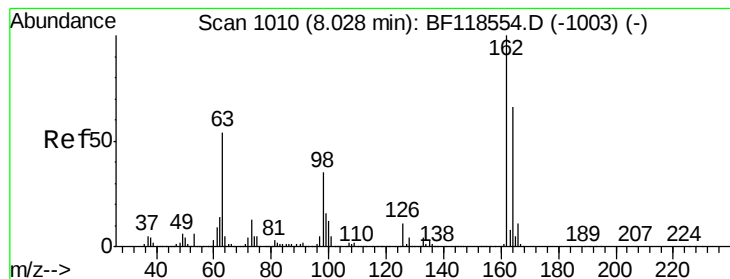
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 80.251 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:162 Resp: 1810357

Ion Ratio Lower Upper

162 100

164 65.1 45.6 85.6

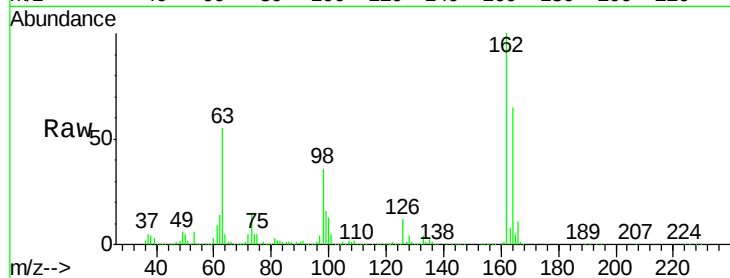
98 36.3 15.4 55.4

Manual Integrations

APPROVED

mohammad

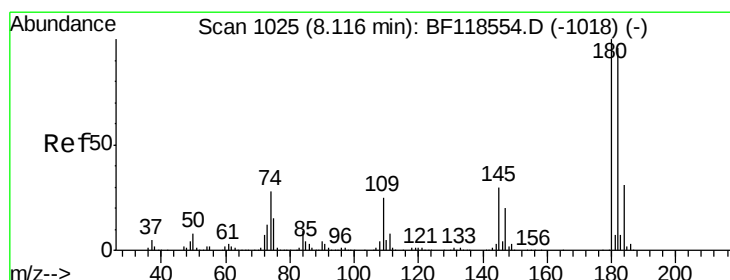
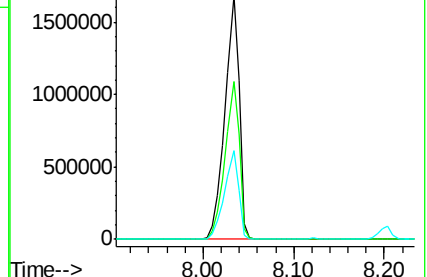
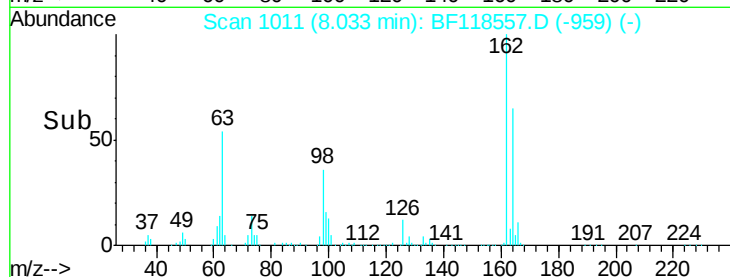
1/21/2020 7:58:26 AM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 78.221 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

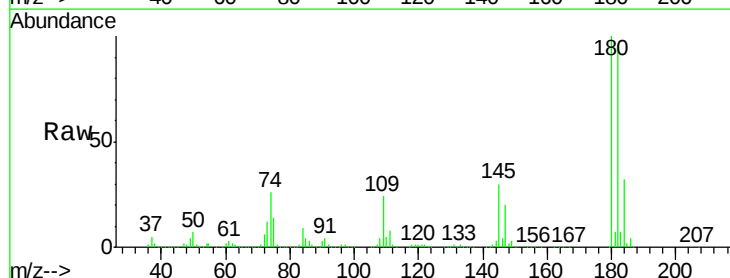
Tgt Ion:180 Resp: 2008483

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

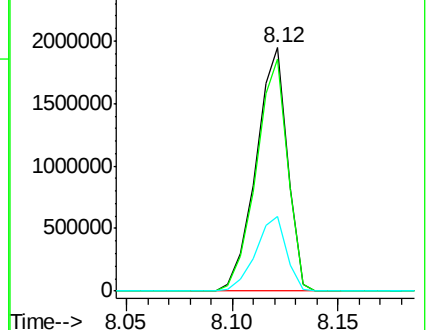
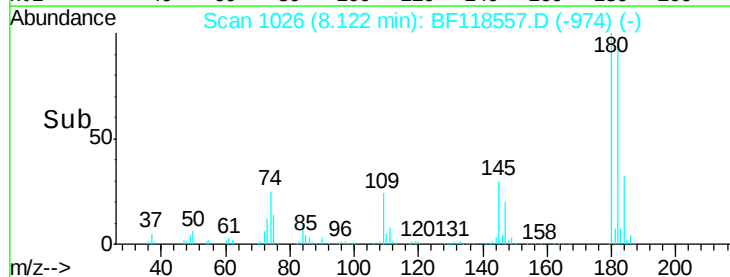
145 30.4 24.2 36.2

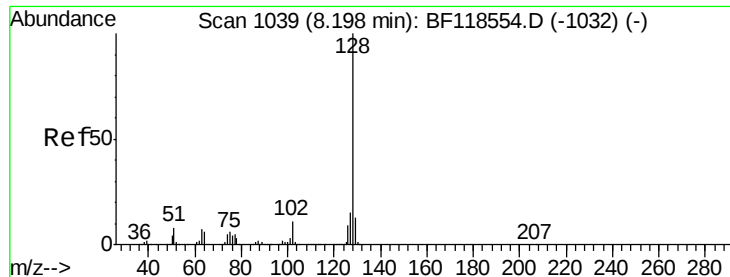


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





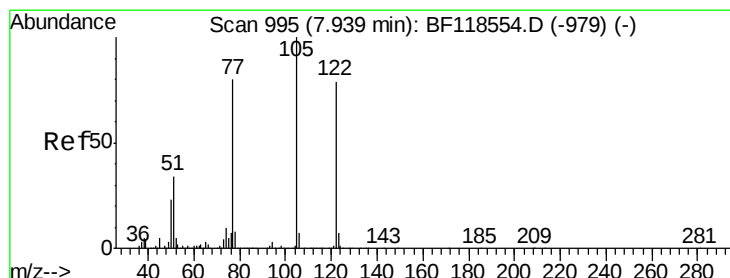
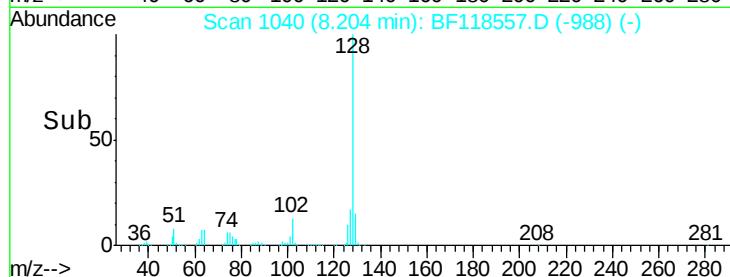
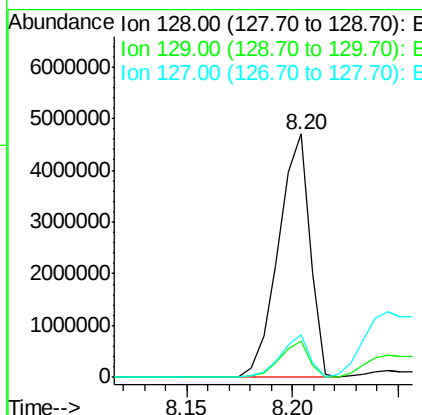
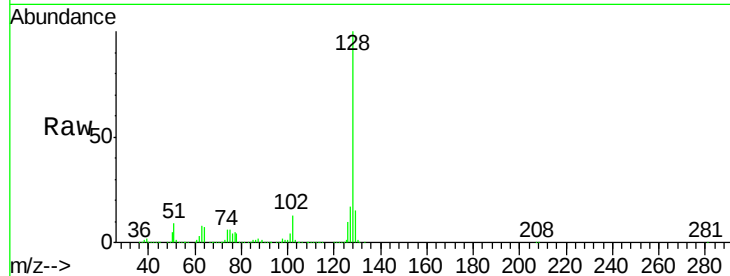
#31  
Naphthalene  
Concen: 64.045 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 14.7  | 10.3  | 15.5  |
| 127     | 17.3  | 12.1  | 18.1  |

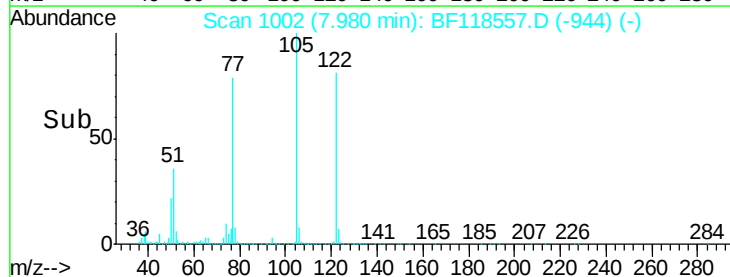
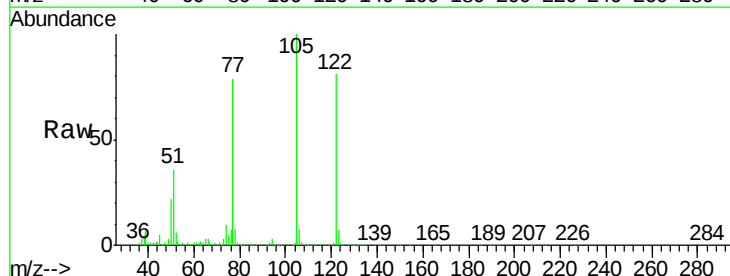
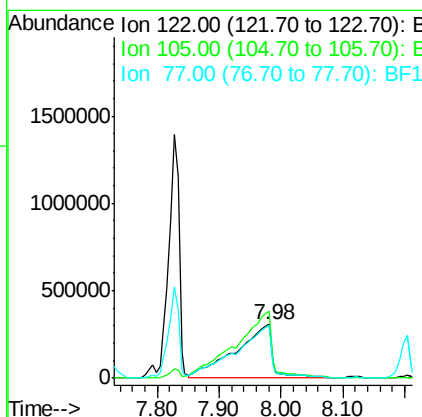
Manual Integrations  
APPROVED

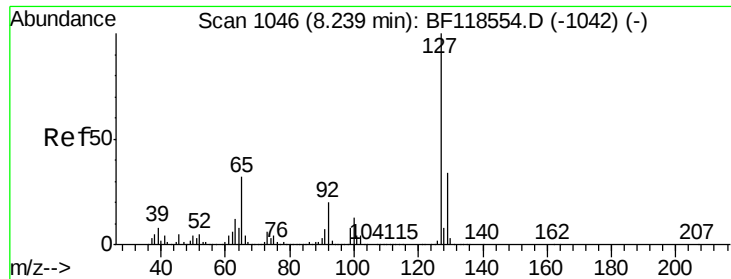
mohammad  
1/21/2020 7:58:26 AM



#32  
Benzoic acid  
Concen: 89.573 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. 0.04 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.0 | 105.0 | 145.0 |
| 77      | 97.0  | 80.7  | 120.7 |





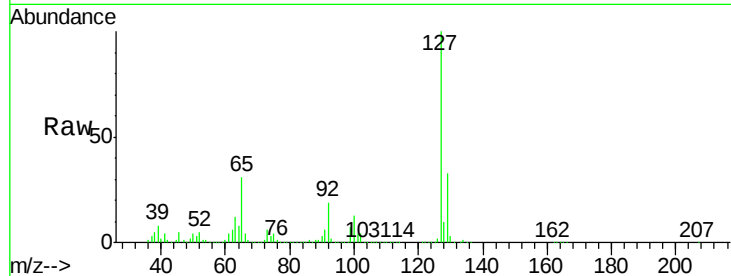
#33  
4-Chloroaniline  
Concen: 76.041 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

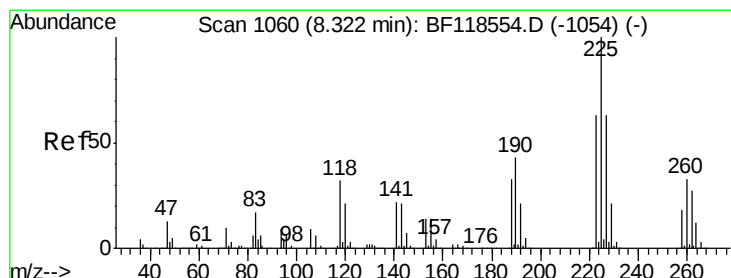
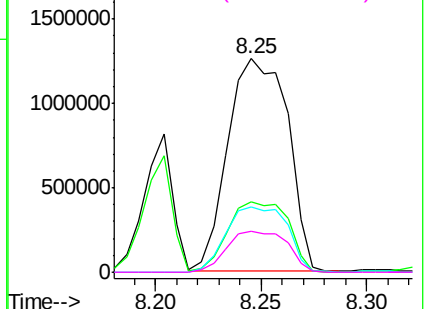
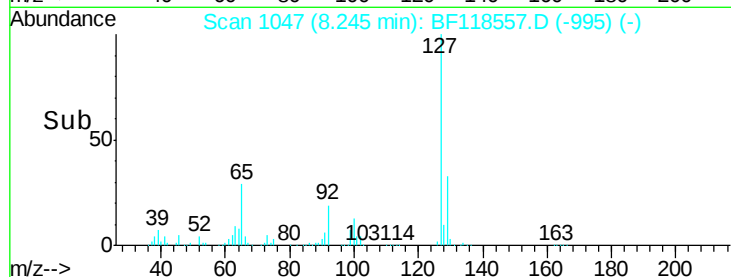
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.2  | 27.0  | 40.4  |
| 65      | 30.7  | 25.8  | 38.8  |
| 92      | 19.1  | 15.8  | 23.8  |

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM

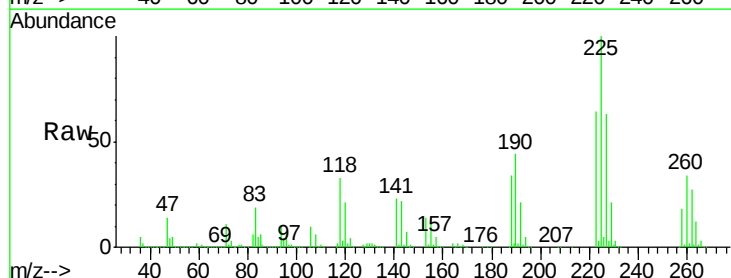


Abundance Ion 127.00 (126.70 to 127.70): E  
2000000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

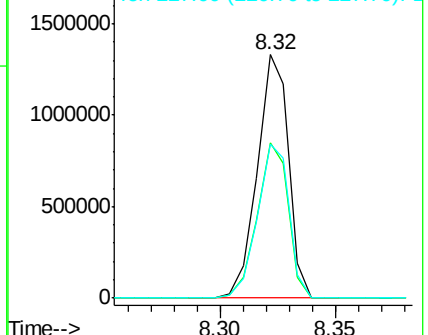
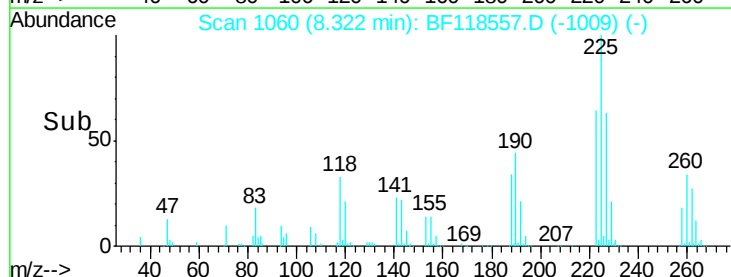


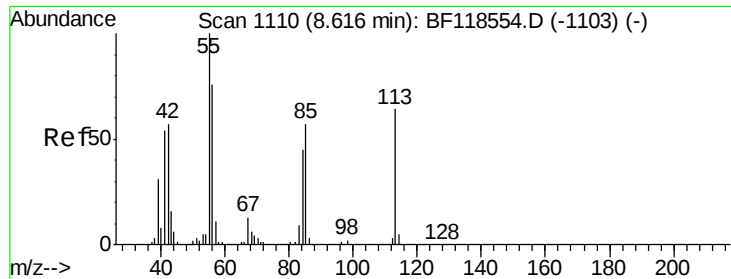
#34  
Hexachlorobutadiene  
Concen: 83.056 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 50.6  | 76.0  |
| 227     | 63.4  | 50.4  | 75.6  |



Abundance Ion 225.00 (224.70 to 225.70): E  
1500000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 79.829 ng/ml

RT: 8.65 min Scan# 1115

Delta R.T. 0.03 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

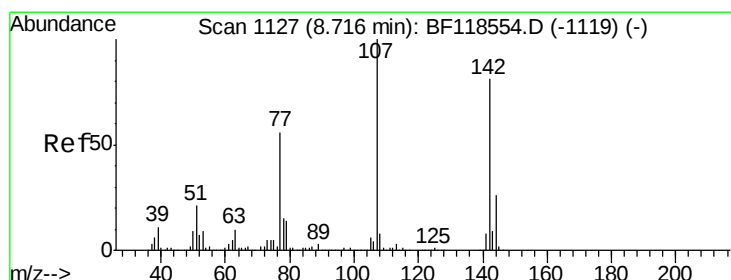
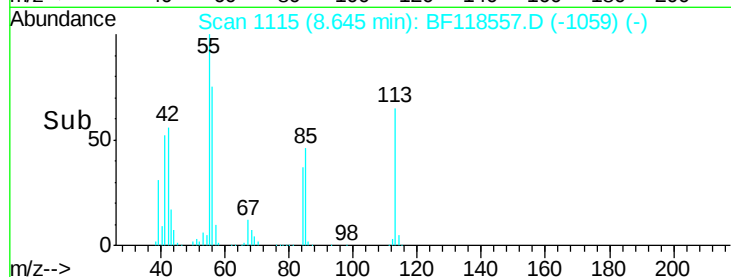
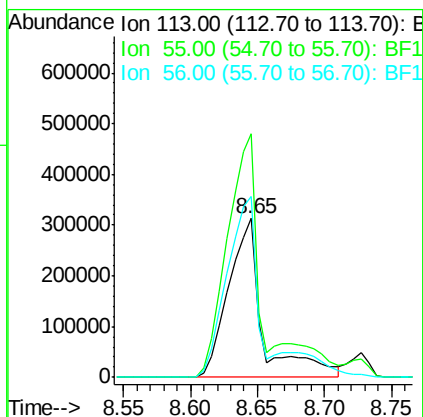
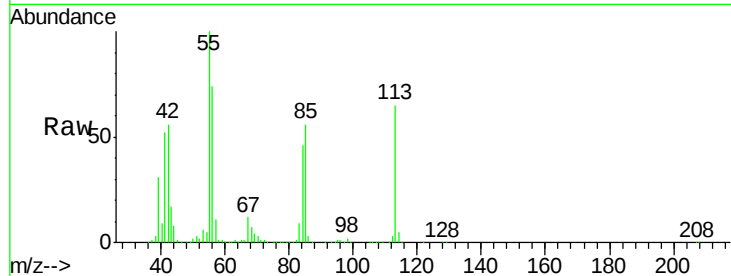
ClientSampleId :

SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 113   | Resp: | 554977 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 153.5 | 137.3 | 177.3  |
| 56       | 114.4 | 99.7  | 139.7  |

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



#36

4-Chloro-3-methylphenol

Concen: 74.911 ng/ml

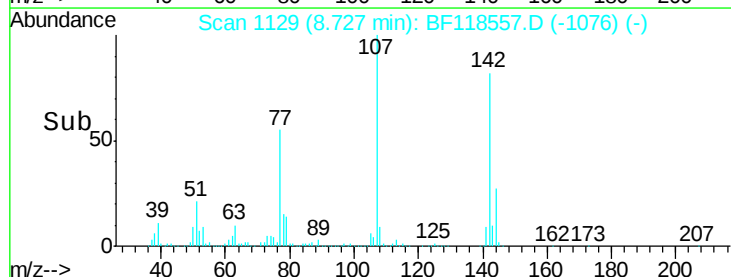
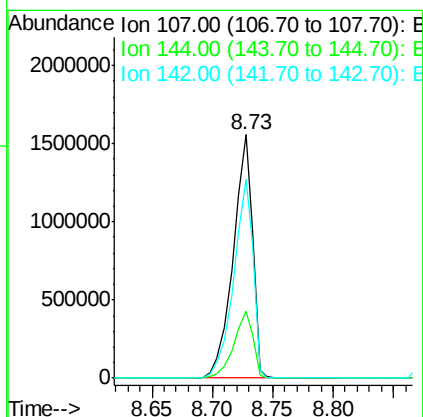
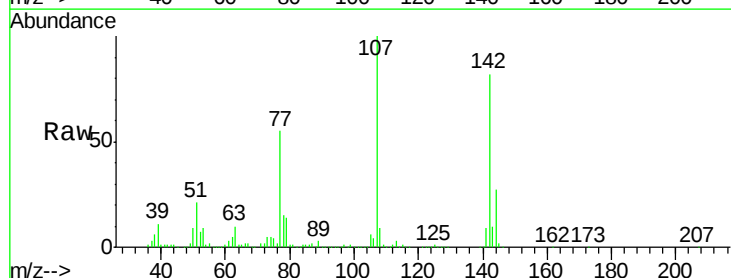
RT: 8.73 min Scan# 1129

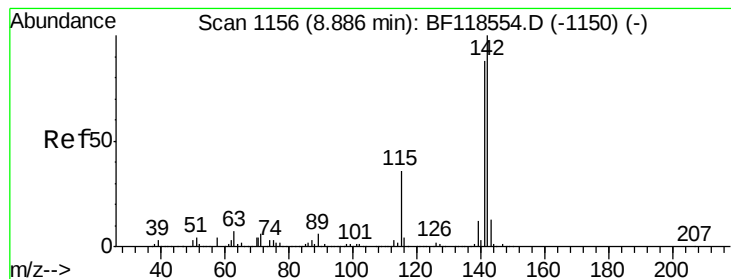
Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1744119 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 144      | 27.4  | 21.2  | 31.8    |
| 142      | 81.6  | 64.4  | 96.6    |





#37

2-Methylnaphthalene

Concen: 69.568 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:142 Resp: 3558844

Ion Ratio Lower Upper

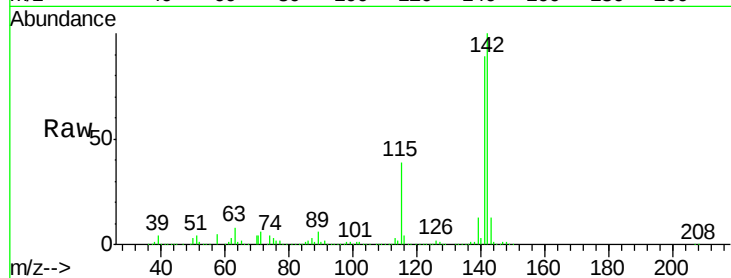
142 100

141 89.4 70.6 106.0

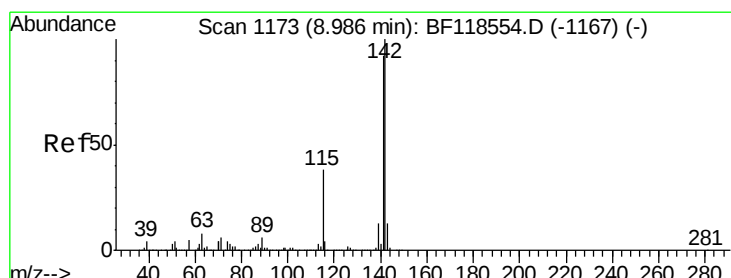
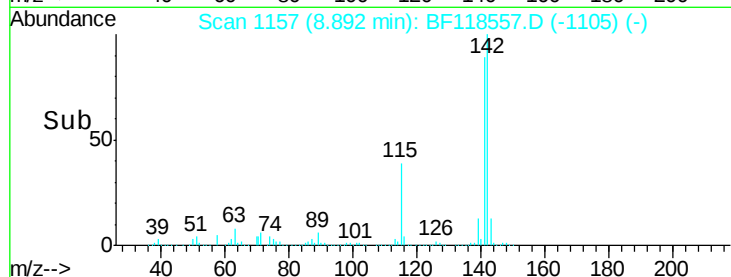
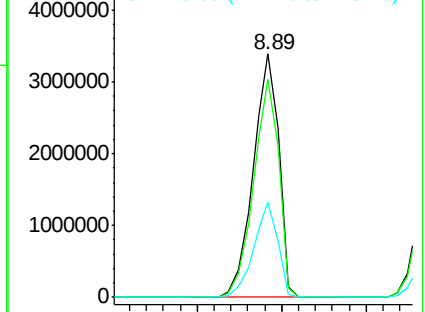
115 39.1 29.0 43.4

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 68.648 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

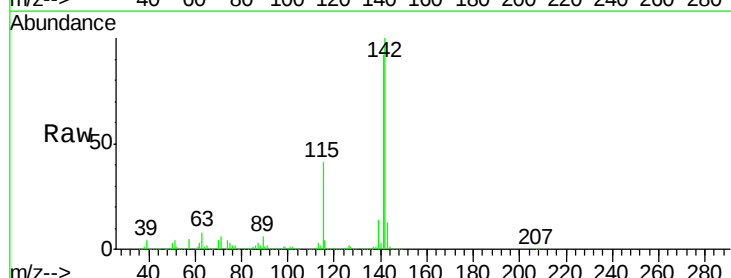
Tgt Ion:142 Resp: 3329921

Ion Ratio Lower Upper

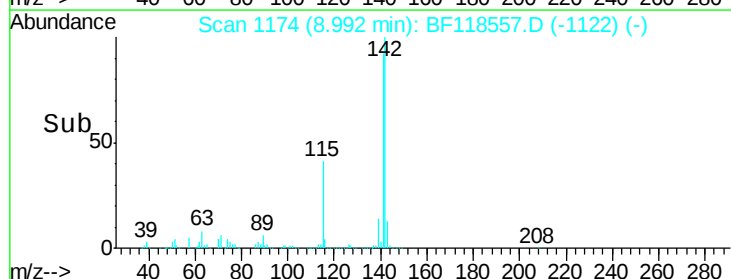
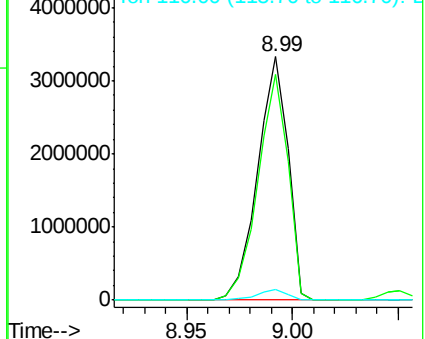
142 100

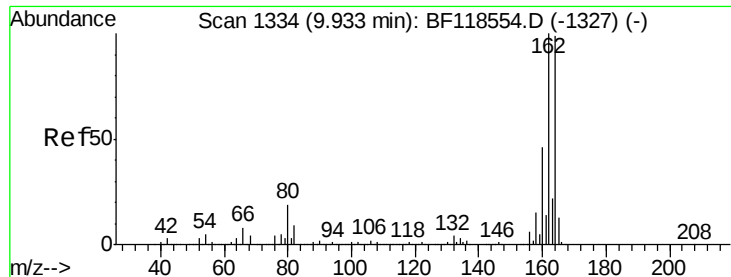
141 92.5 73.8 110.6

116 4.5 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





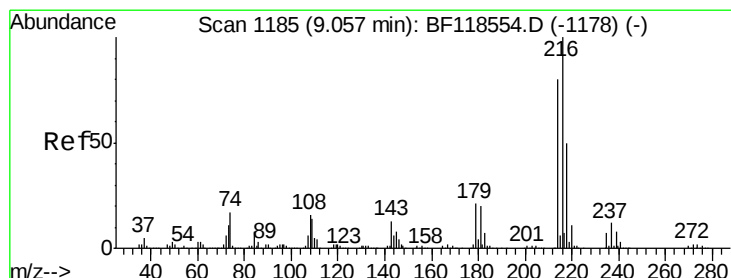
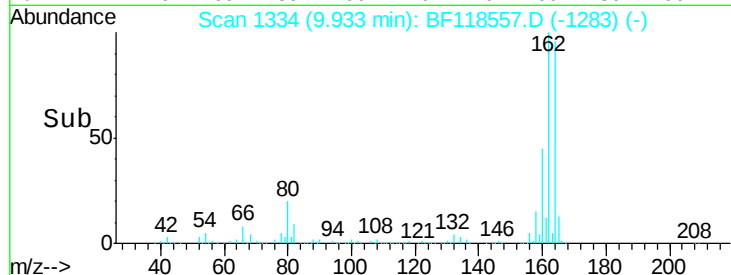
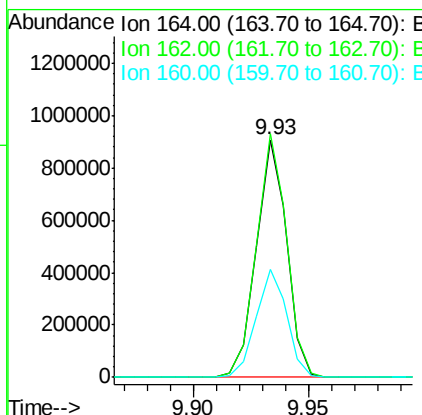
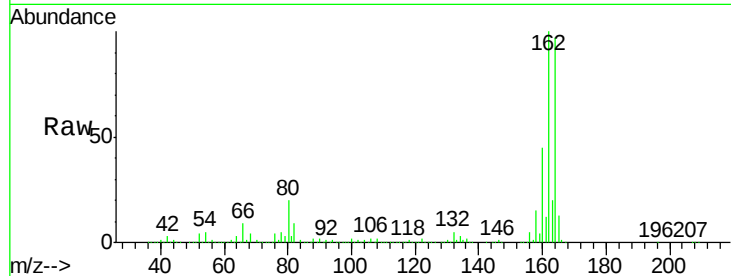
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.6 | 80.6  | 120.8 |
| 160     | 45.7  | 36.7  | 55.1  |

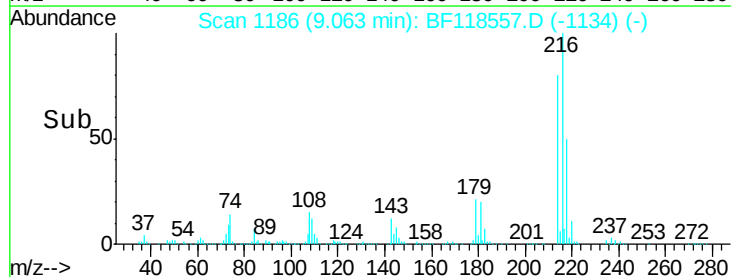
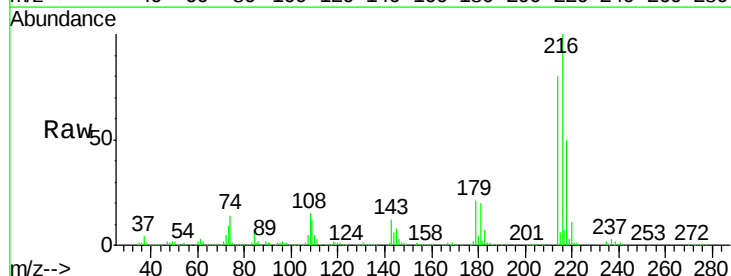
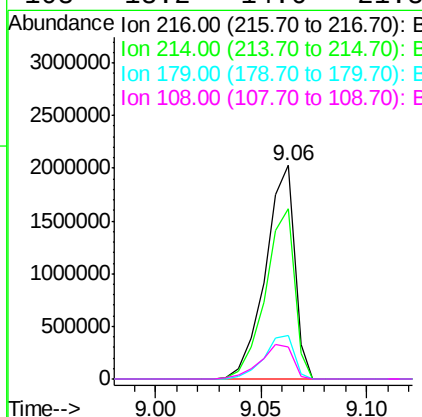
Manual Integrations  
APPROVED

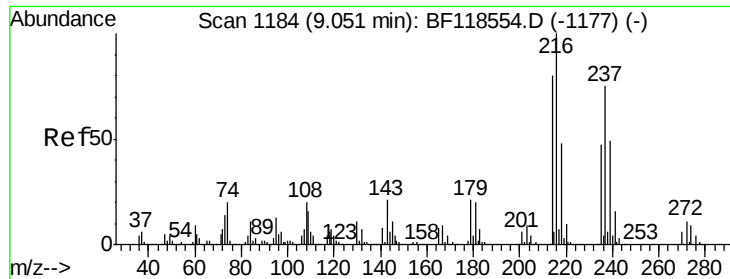
mohammad  
1/21/2020 7:58:26 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 76.049 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.8  | 63.6  | 95.4  |
| 179     | 21.2  | 16.5  | 24.7  |
| 108     | 18.2  | 14.6  | 21.8  |





#41

Hexachlorocyclopentadiene

Concen: 285.185 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:237 Resp: 1103683

Ion Ratio Lower Upper

237 100

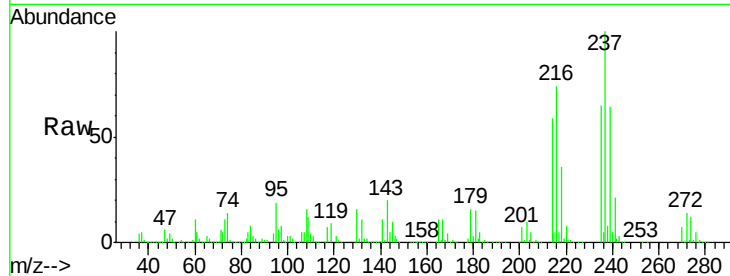
235 64.7 42.1 82.1

272 14.5 0.0 34.3

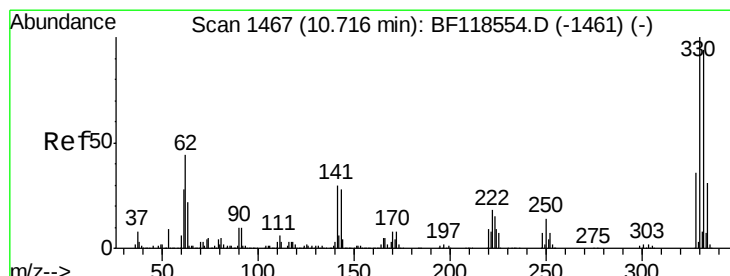
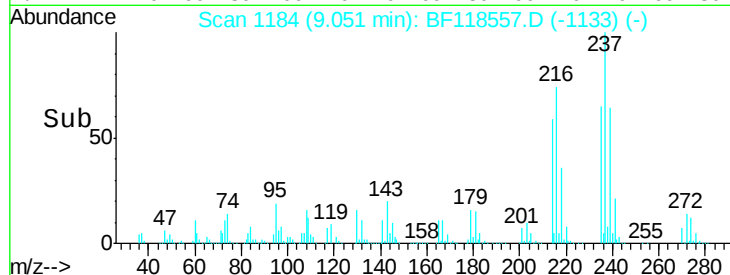
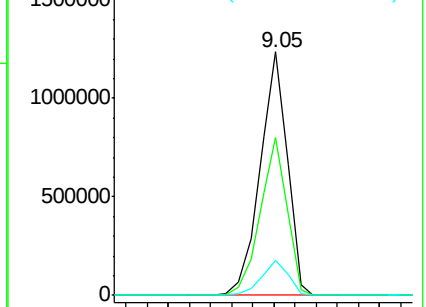
Manual Integrations  
APPROVED

mohammad

1/21/2020 7:58:26 AM



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.342 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

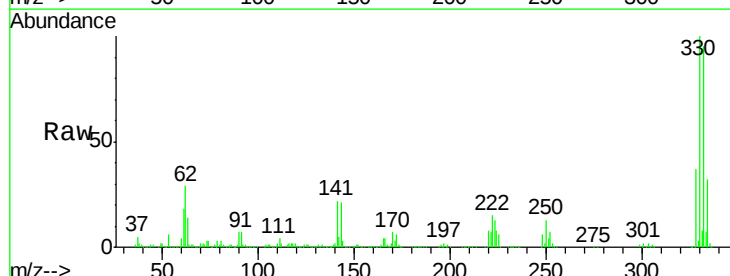
Tgt Ion:330 Resp: 1391130

Ion Ratio Lower Upper

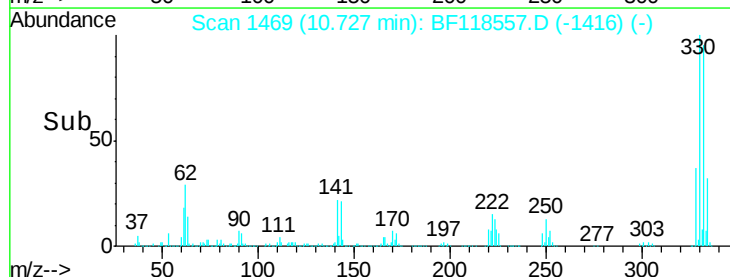
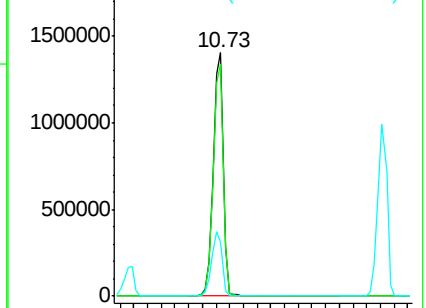
330 100

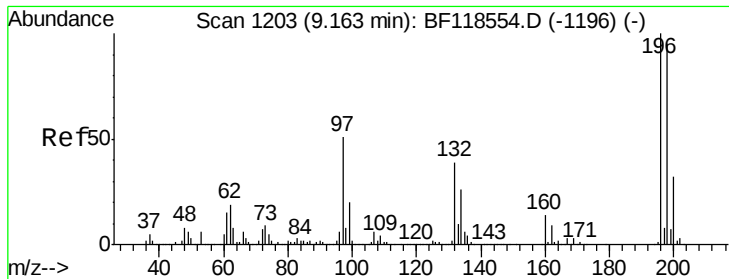
332 96.1 76.4 114.6

141 28.3 23.4 35.2



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





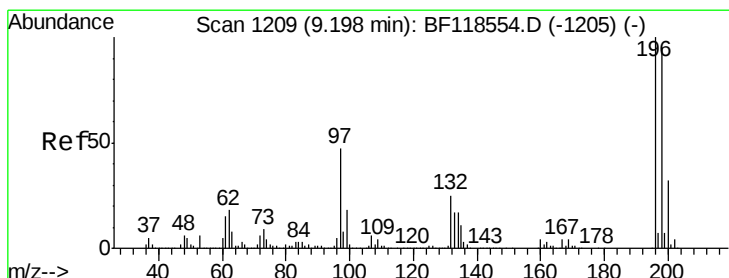
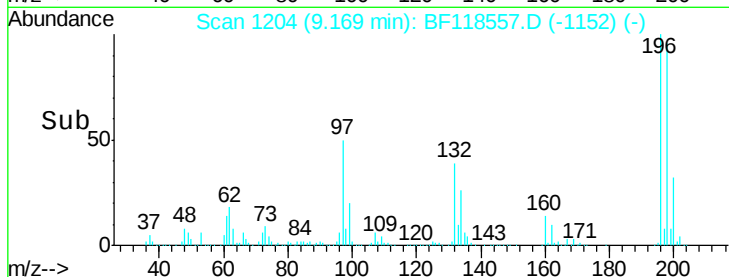
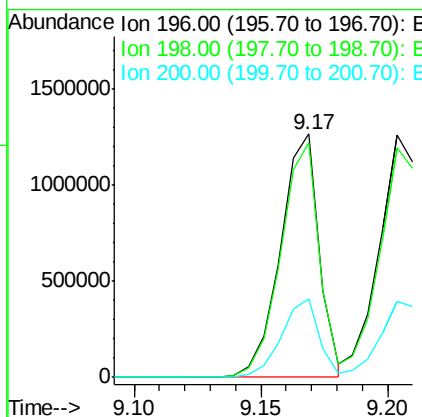
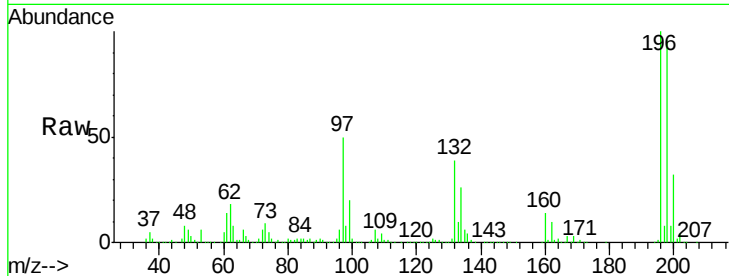
#43  
 2,4,6-Trichlorophenol  
 Concen: 80.458 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:196 Resp: 1334168  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 76.0 114.0  
 200 32.2 25.4 38.0

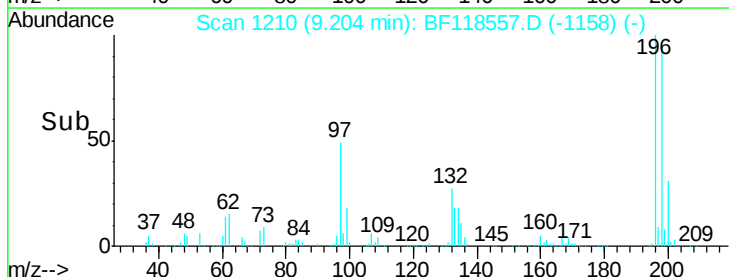
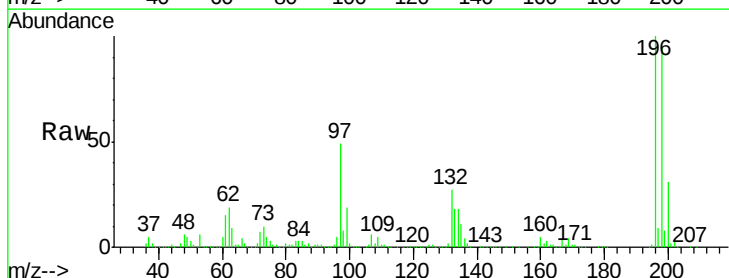
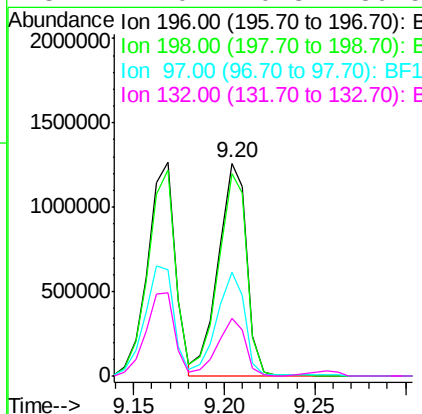
Manual Integrations  
 APPROVED

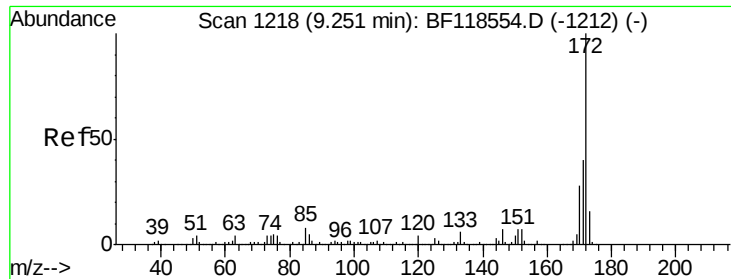
mohammad  
 1/21/2020 7:58:26 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 82.449 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Tgt Ion:196 Resp: 1365353  
 Ion Ratio Lower Upper  
 196 100  
 198 95.0 76.2 114.4  
 97 48.8 37.4 56.2  
 132 27.0 20.3 30.5





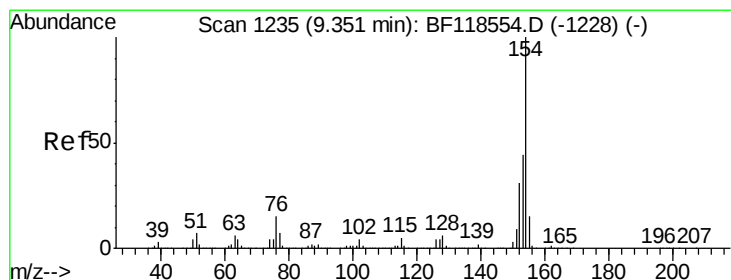
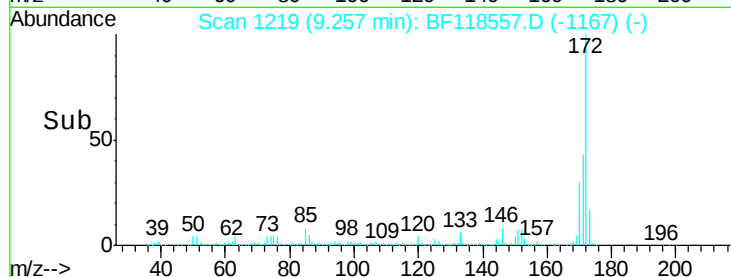
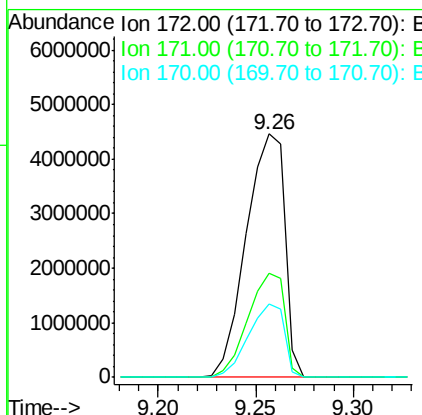
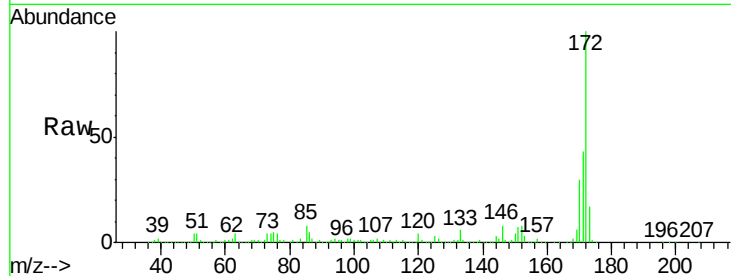
#45  
2-Fluorobiphenyl  
Concen: 117.815 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 42.8  | 32.4  | 48.6  |
| 170     | 30.1  | 22.5  | 33.7  |

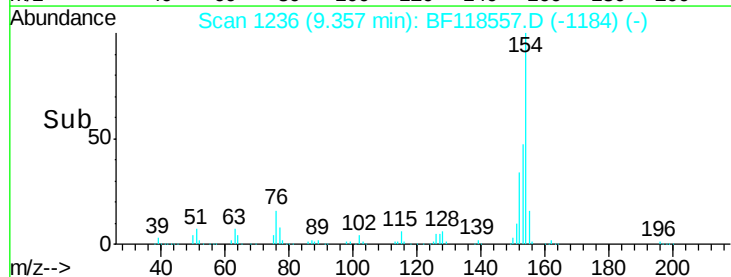
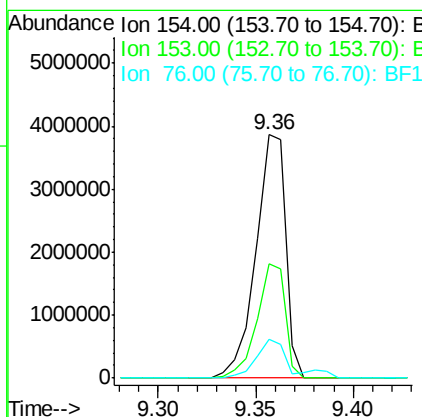
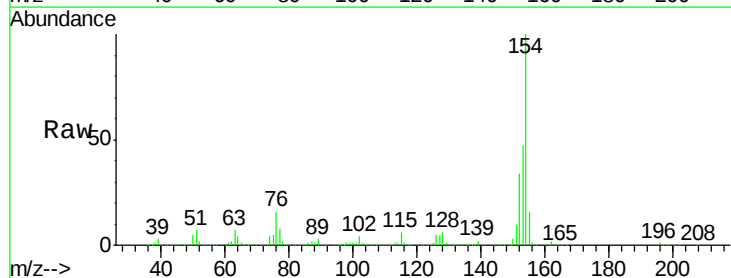
Manual Integrations  
APPROVED

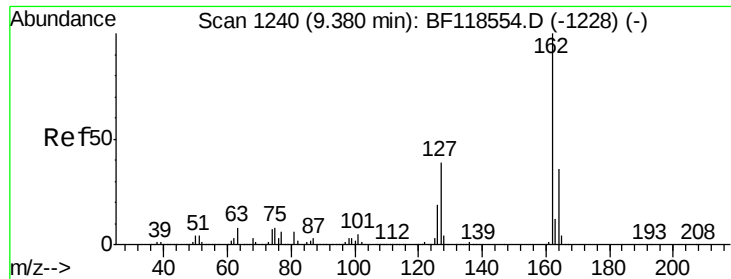
mohammad  
1/21/2020 7:58:26 AM



#46  
1,1'-Biphenyl  
Concen: 61.628 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 46.7  | 23.7  | 63.7  |
| 76      | 16.2  | 0.0   | 35.2  |





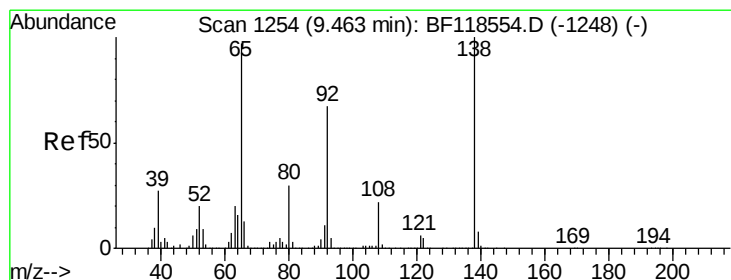
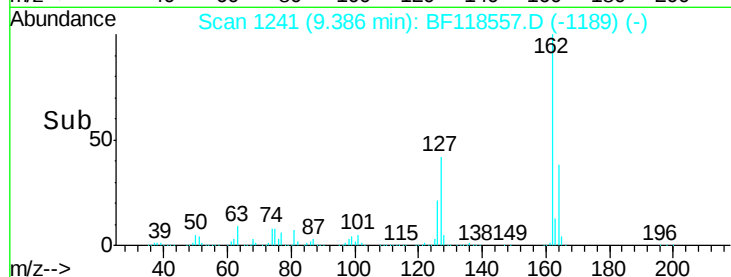
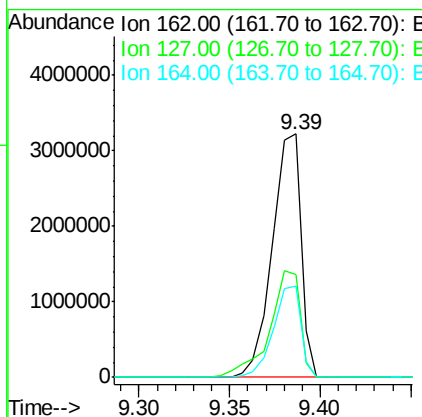
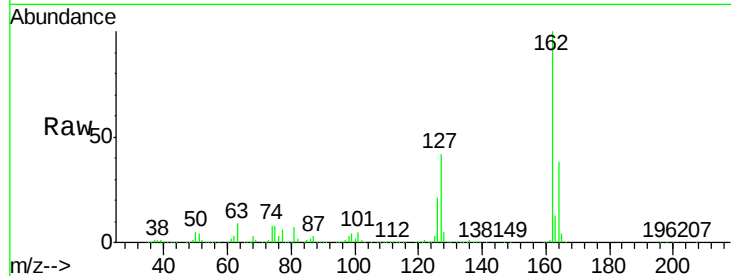
#47  
 2-Chloronaphthalene  
 Concen: 66.968 ng  
 RT: 9.39 min Scan# 1241  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 162   | Resp: | 3557752 |
| Ion      | Ratio | Lower | Upper   |
| 162      | 100   |       |         |
| 127      | 42.4  | 31.0  | 46.4    |
| 164      | 37.7  | 28.6  | 42.8    |

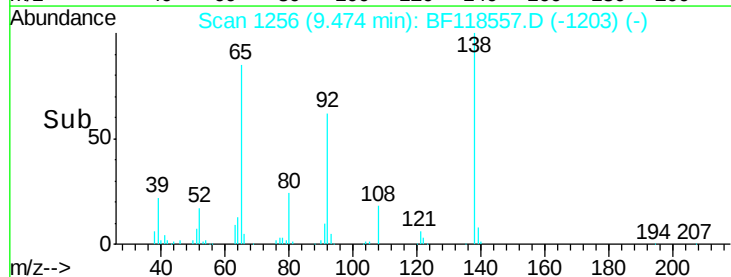
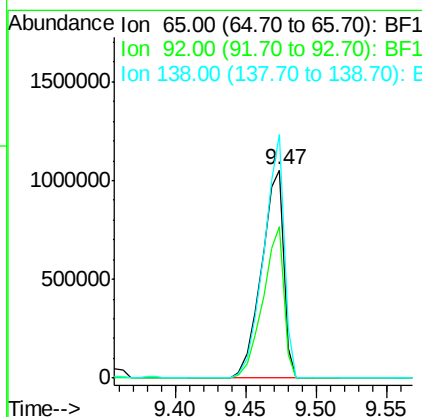
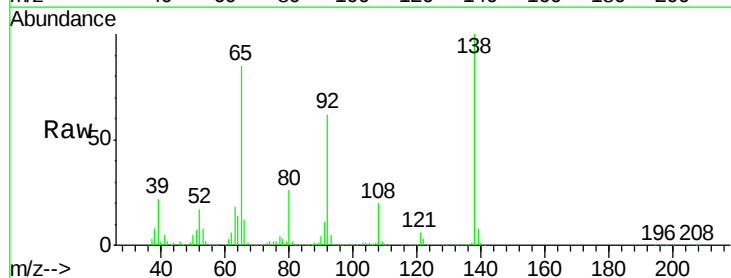
Manual Integrations  
 APPROVED

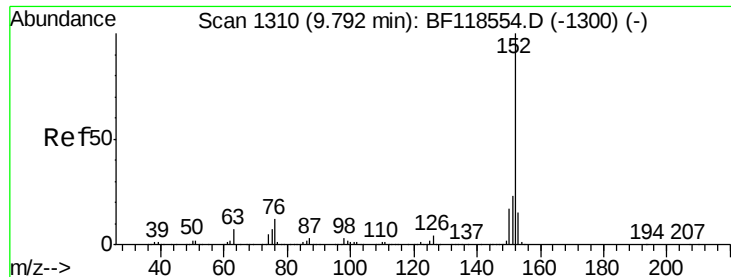
mohammad  
 1/21/2020 7:58:26 AM



#48  
 2-Nitroaniline  
 Concen: 81.876 ng  
 RT: 9.47 min Scan# 1256  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 65    | Resp: | 1168198 |
| Ion      | Ratio | Lower | Upper   |
| 65       | 100   |       |         |
| 92       | 72.7  | 55.3  | 82.9    |
| 138      | 117.1 | 82.9  | 124.3   |





#49

Acenaphthylene

Concen: 64.528 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 4995158

Ion Ratio Lower Upper

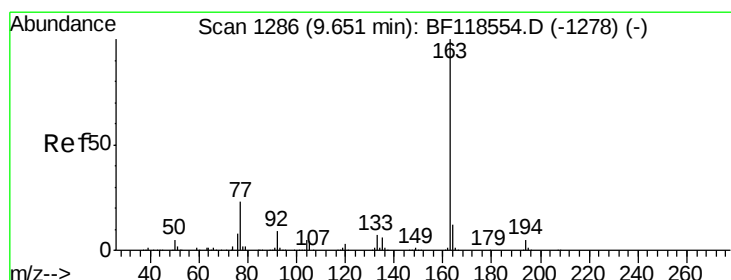
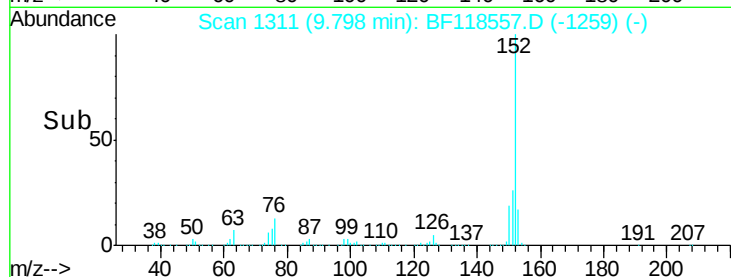
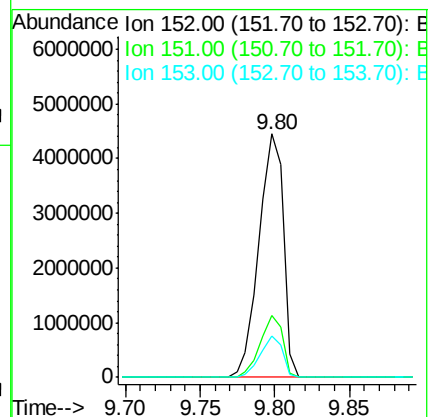
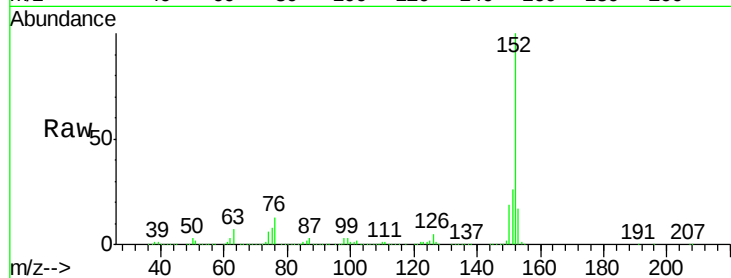
152 100

151 25.6 18.6 27.8

153 17.2 12.3 18.5

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



#50

Dimethylphthalate

Concen: 67.239 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

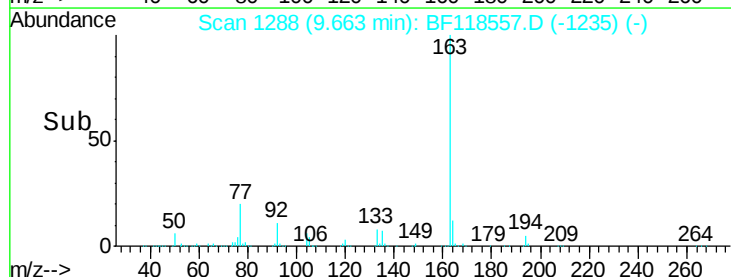
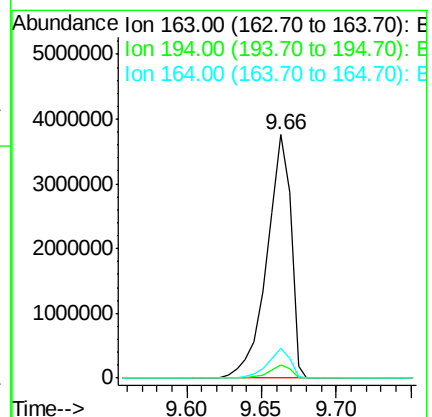
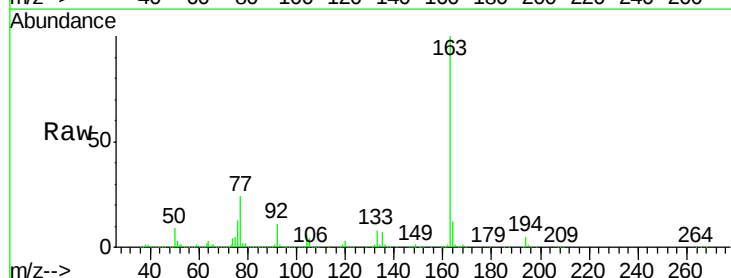
Tgt Ion:163 Resp: 4144304

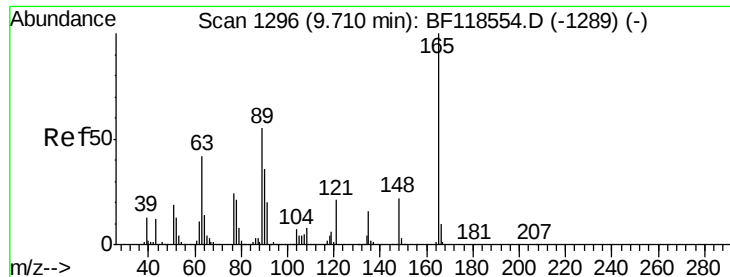
Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

164 12.3 9.3 13.9





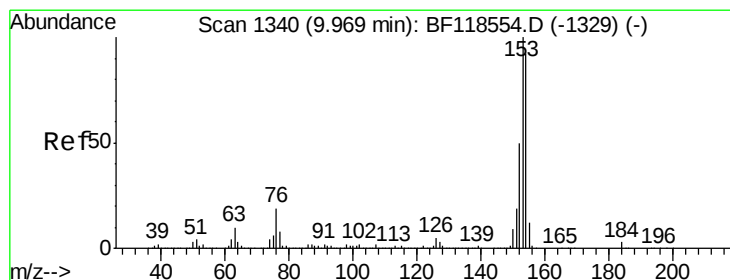
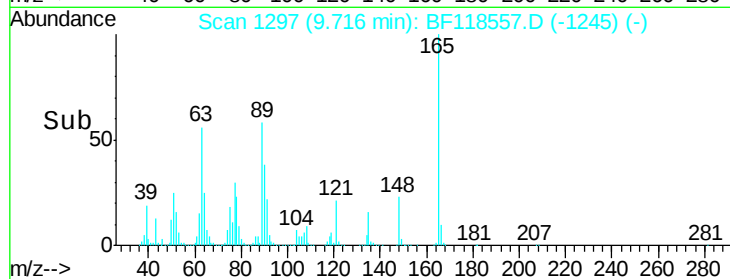
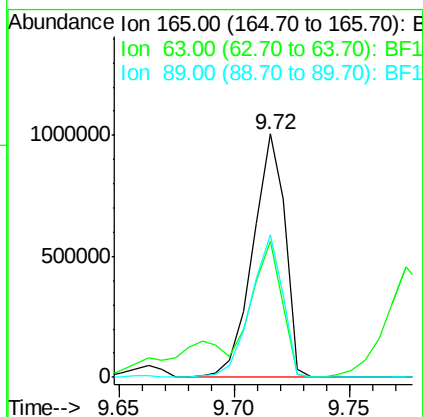
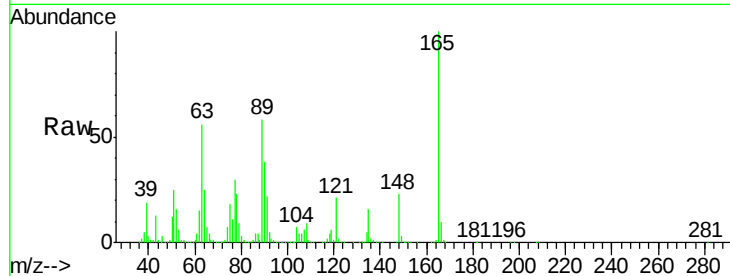
#51  
2,6-Dinitrotoluene  
Concen: 72.208 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 978578 |       |       |
| 63      | 55.9  |        | 41.9  | 62.9  |
| 89      | 58.3  |        | 44.0  | 66.0  |

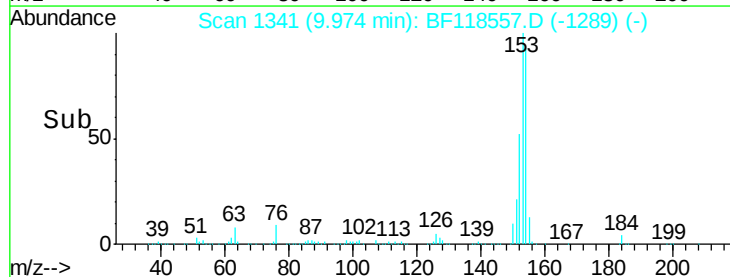
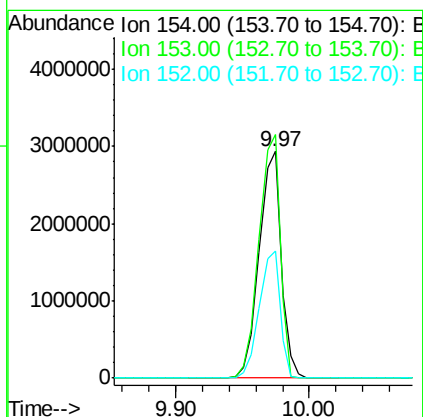
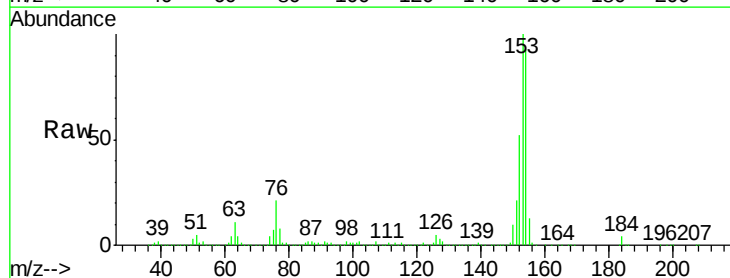
Manual Integrations  
APPROVED

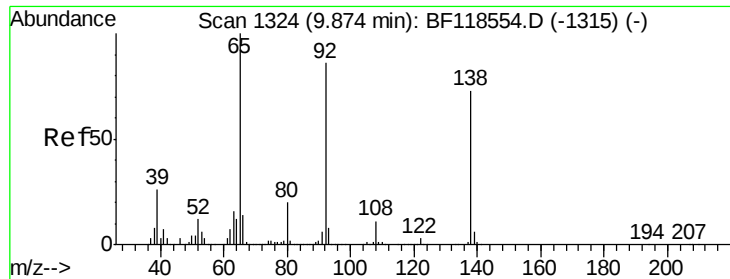
mohammad  
1/21/2020 7:58:26 AM



#52  
Acenaphthene  
Concen: 69.895 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 3328943 |       |       |
| 153     | 107.5 |         | 87.0  | 130.4 |
| 152     | 56.0  |         | 43.8  | 65.8  |





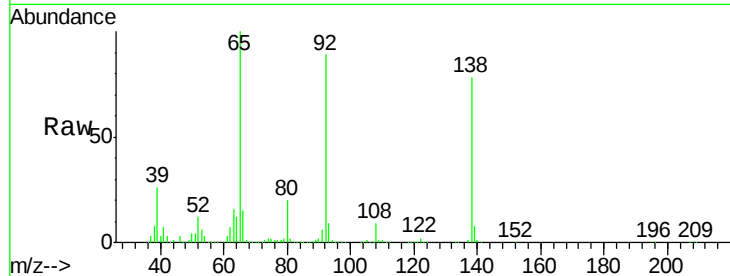
#53  
3-Nitroaniline  
Concen: 68.596 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

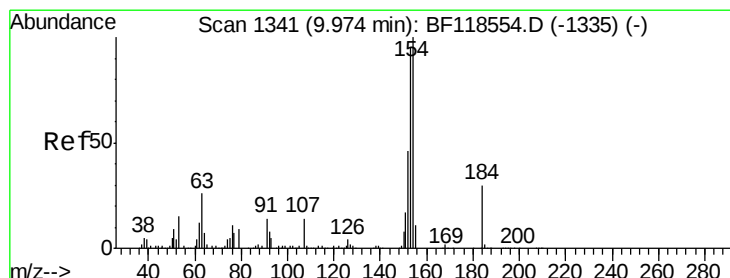
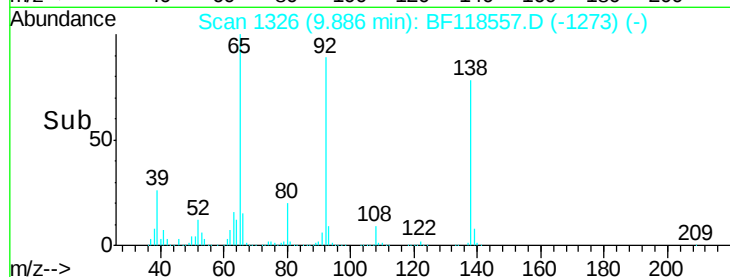
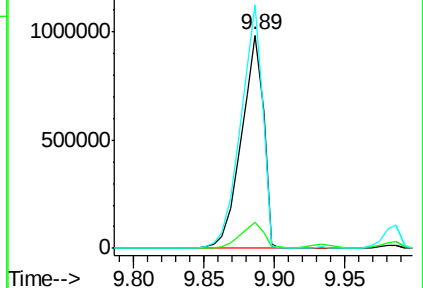
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.0  | 12.2  | 18.4# |
| 92      | 114.1 | 94.2  | 141.2 |

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM

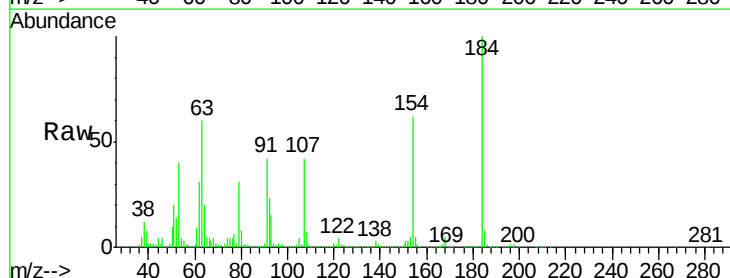


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

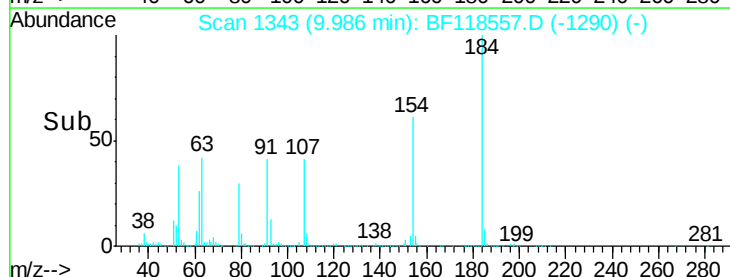
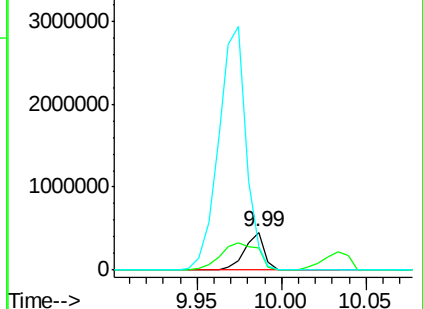


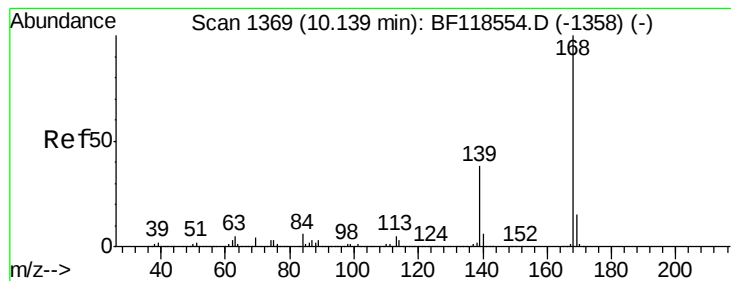
#54  
2,4-Dinitrophenol  
Concen: 72.812 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 59.8  | 69.4  | 104.0# |
| 154     | 61.6  | 268.5 | 402.7# |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 66.207 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:168 Resp: 4575496

Ion Ratio Lower Upper

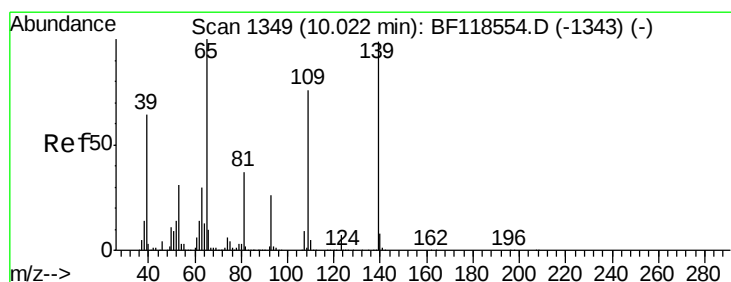
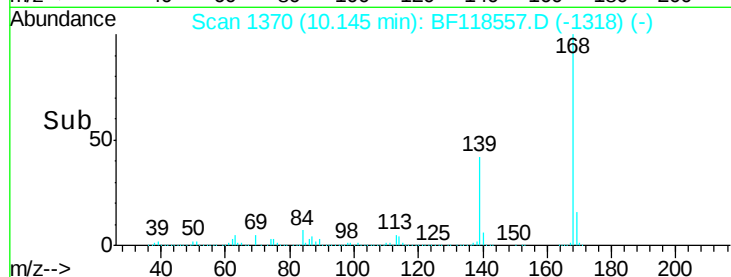
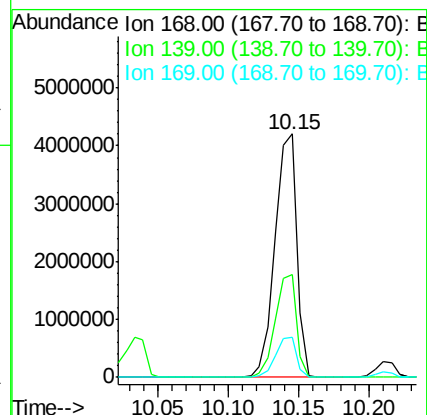
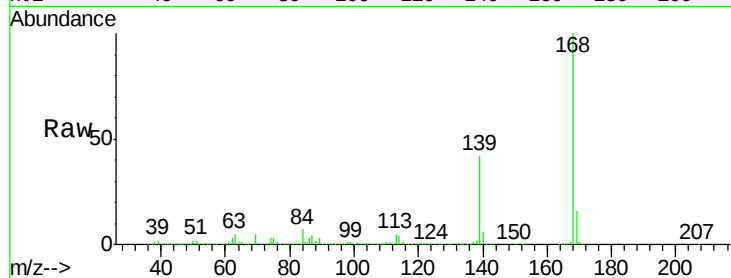
168 100

139 42.2 30.6 46.0

169 16.4 11.9 17.9

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



#56

4-Nitrophenol

Concen: 112.204 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

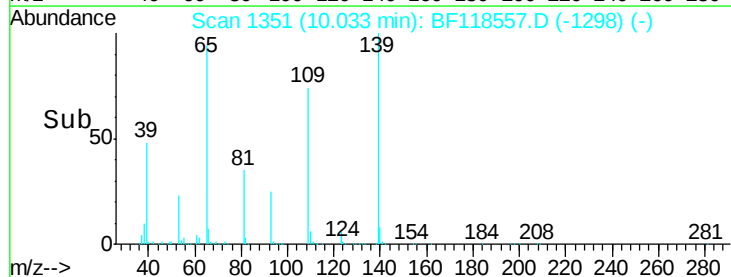
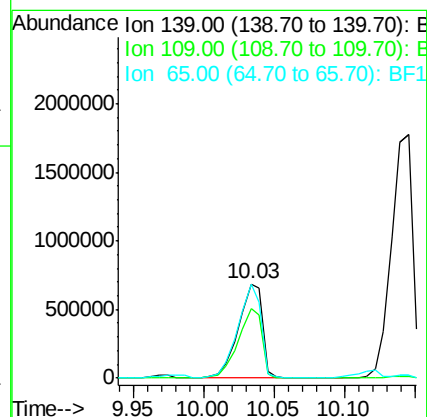
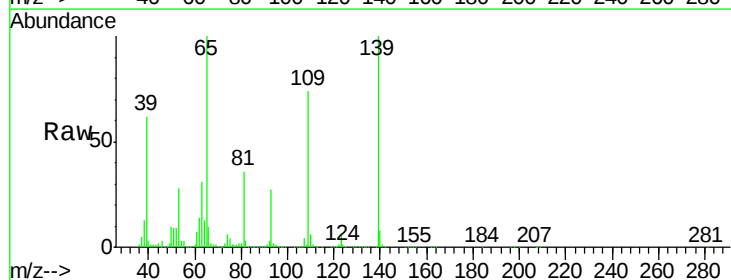
Tgt Ion:139 Resp: 806181

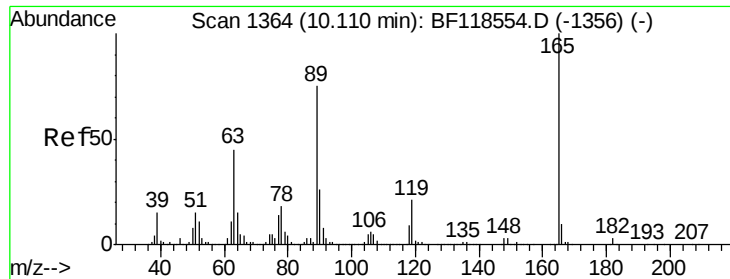
Ion Ratio Lower Upper

139 100

109 74.2 56.9 96.9

65 99.9 81.7 121.7





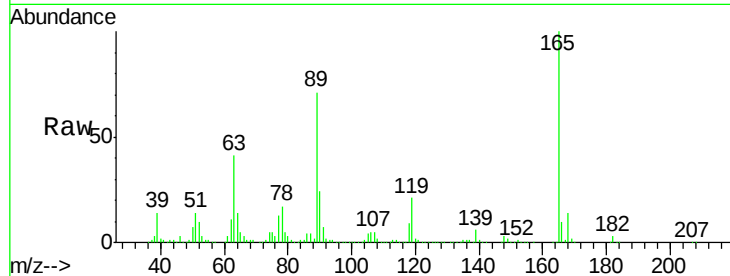
#57  
2,4-Dinitrotoluene  
Concen: 70.222 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.4  | 35.8  | 53.6  |
| 89      | 70.9  | 59.9  | 89.9  |
| 182     | 2.9   | 2.2   | 3.2   |

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM



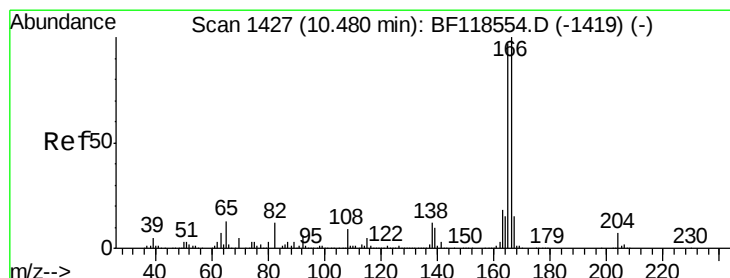
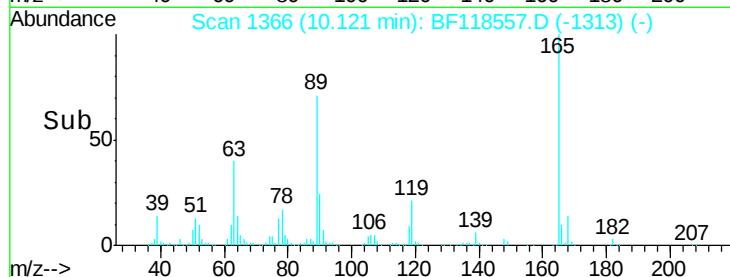
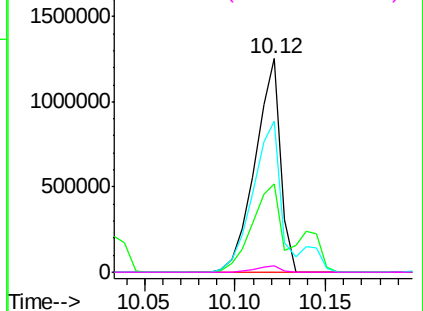
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

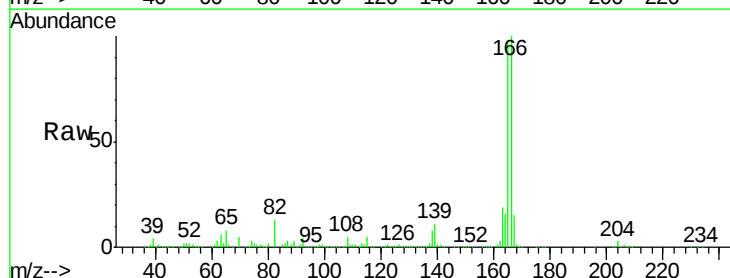
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 61.638 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.6  | 77.8  | 116.8 |
| 167     | 15.3  | 11.7  | 17.5  |

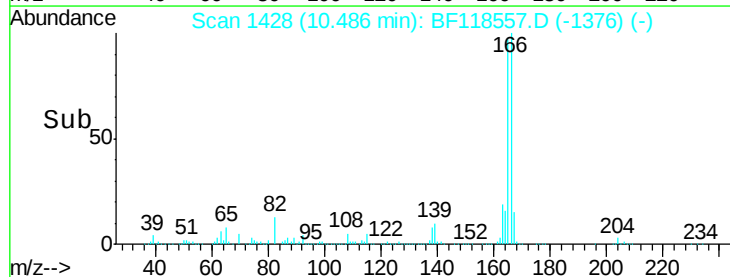
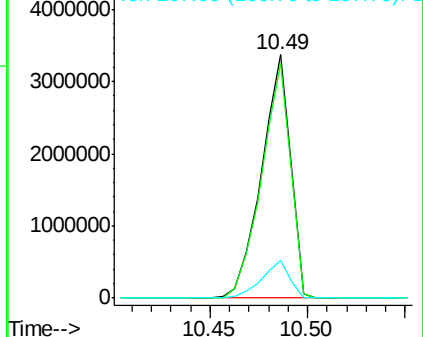


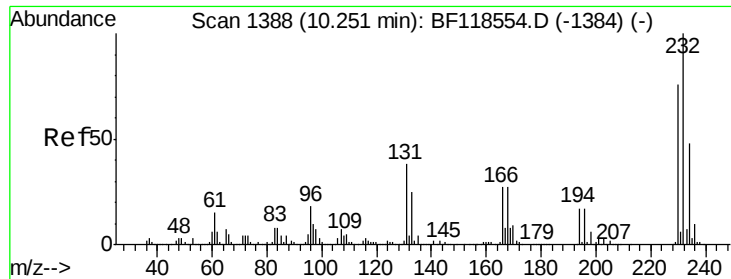
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





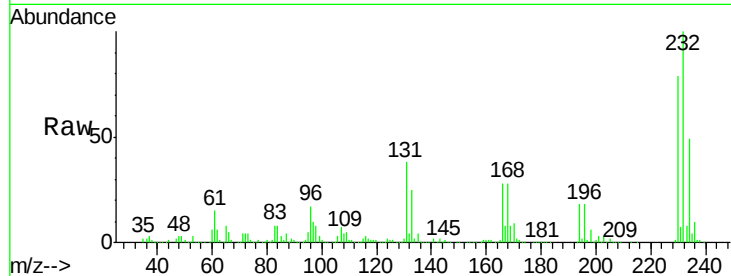
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 83.664 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

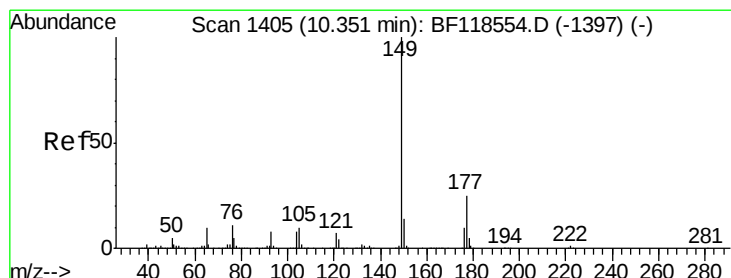
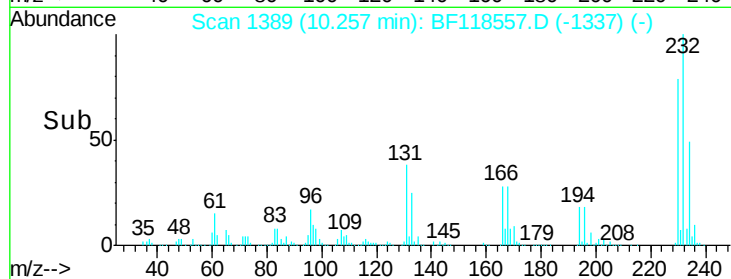
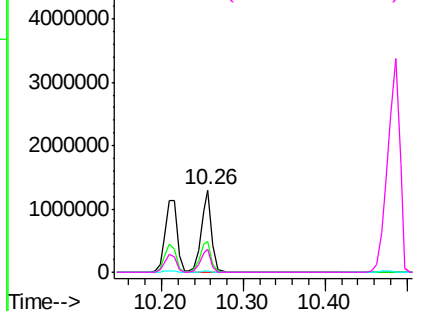
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 232     | 100  |       |       |       |
| 131     | 40.7 | 32.3  | 48.5  |       |
| 130     | 2.1  | 1.7   | 2.5   |       |
| 166     | 28.4 | 22.2  | 33.2  |       |

Manual Integrations  
 APPROVED

mohammad  
 1/21/2020 7:58:26 AM

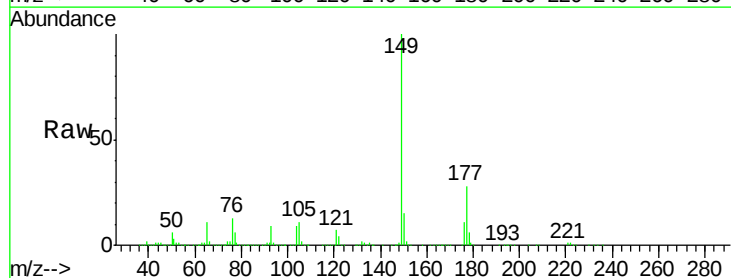


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

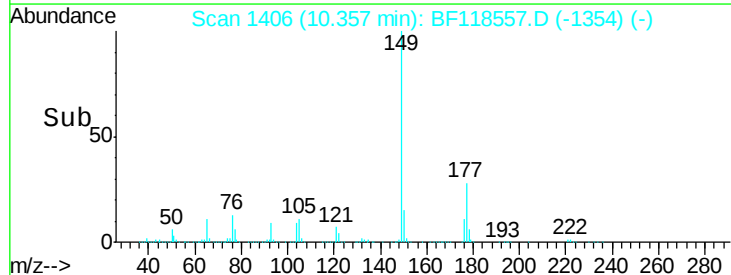
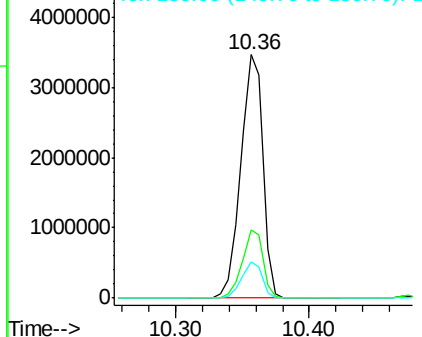


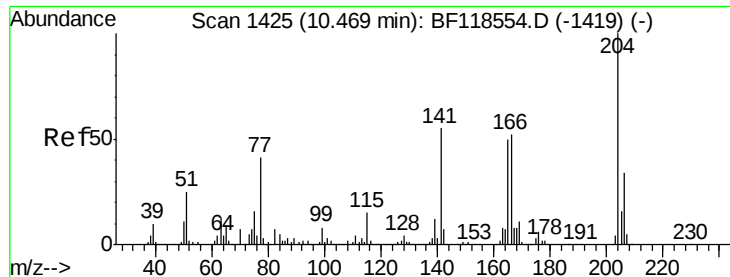
#60  
 Diethylphthalate  
 Concen: 64.225 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 149     | 100  |       |       |       |
| 177     | 27.9 | 20.2  | 30.4  |       |
| 150     | 15.0 | 11.0  | 16.4  |       |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





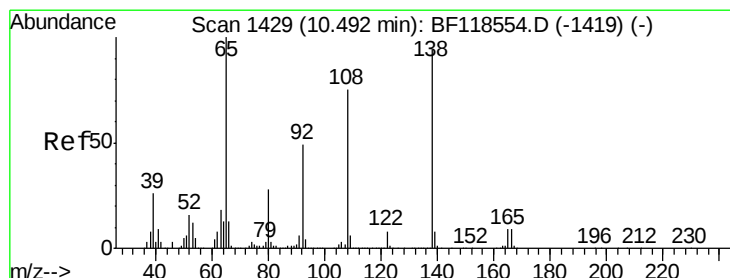
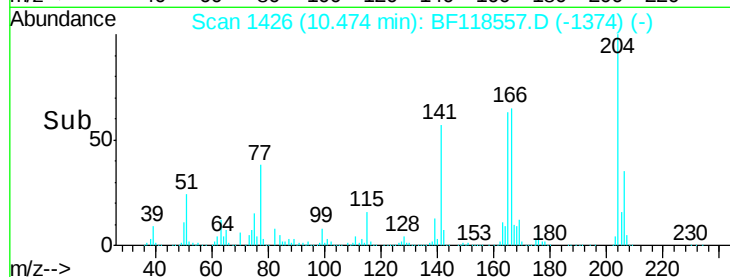
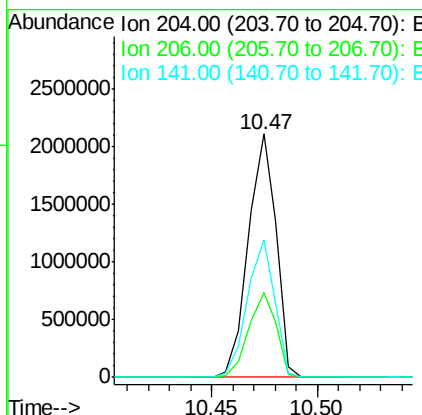
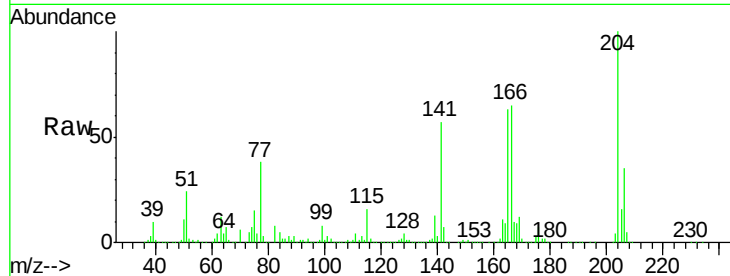
#61  
4-Chlorophenyl-phenylether  
Concen: 68.199 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:204 Resp: 1926168  
Ion Ratio Lower Upper  
204 100  
206 35.1 27.1 40.7  
141 56.6 44.4 66.6

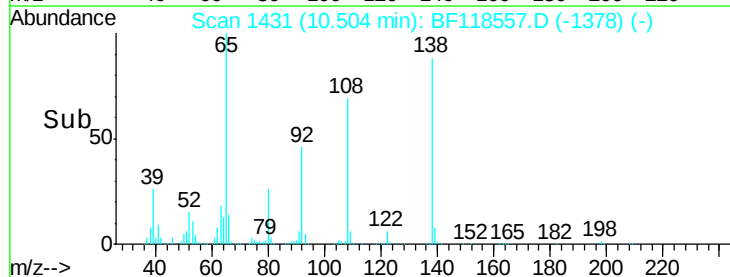
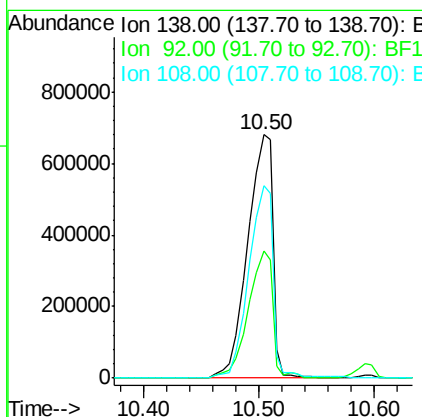
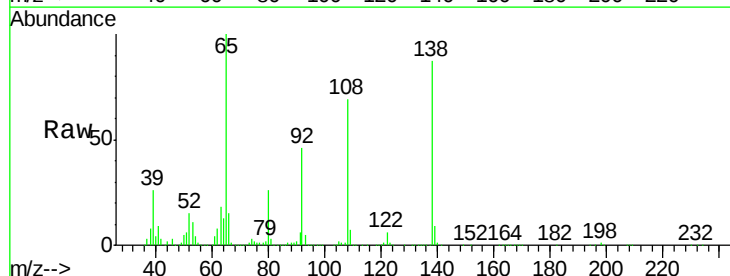
Manual Integrations  
APPROVED

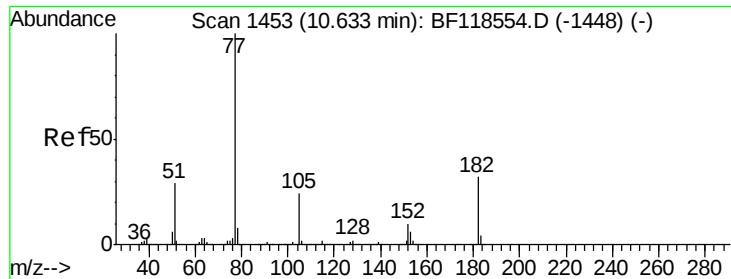
mohammad  
1/21/2020 7:58:26 AM



#62  
4-Nitroaniline  
Concen: 67.201 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Tgt Ion:138 Resp: 1040227  
Ion Ratio Lower Upper  
138 100  
92 52.3 31.7 71.7  
108 79.1 59.6 99.6





#63

Azobenzene

Concen: 75.154 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 3822985

Ion Ratio Lower Upper

77 100

182 30.8 11.7 51.7

105 24.7 3.6 43.6

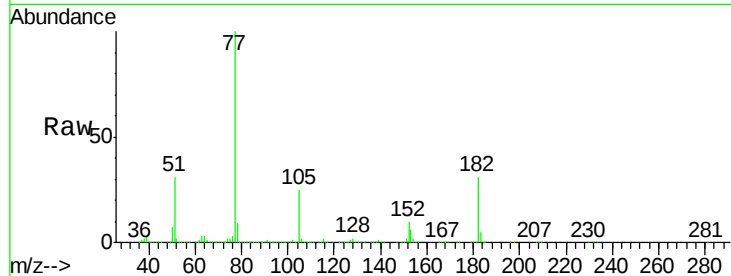
51 31.3 9.0 49.0

Manual Integrations

APPROVED

mohammad

1/21/2020 7:58:26 AM

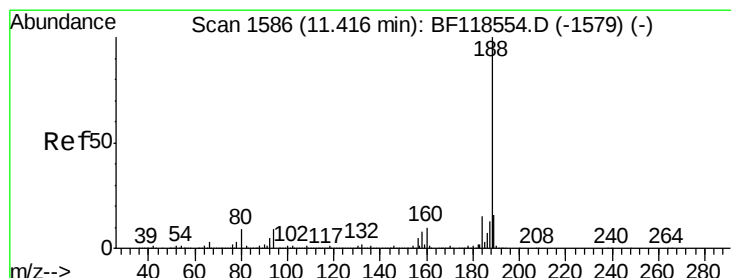
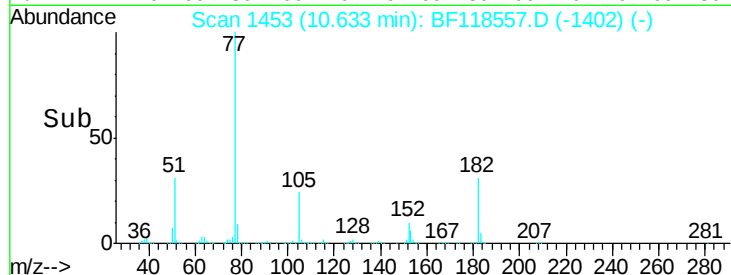
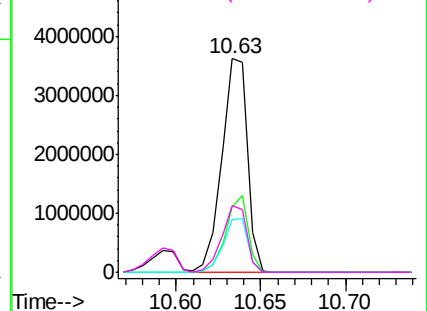


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

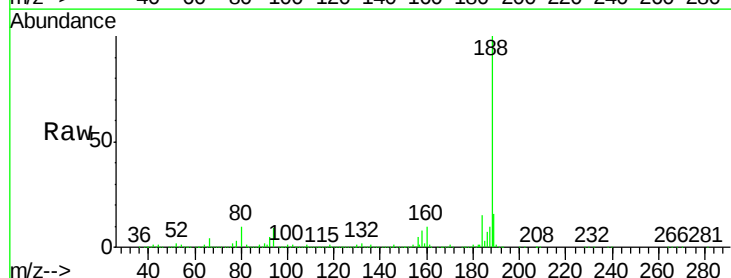
Tgt Ion: 188 Resp: 1463812

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

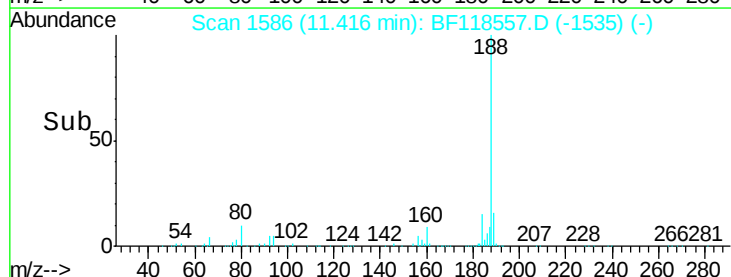
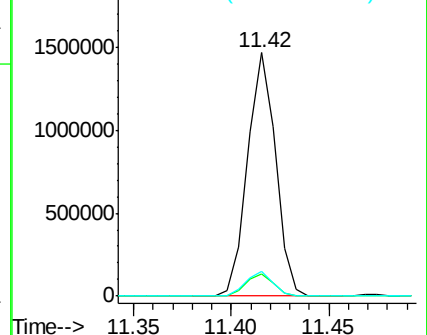
80 10.3 7.4 11.2

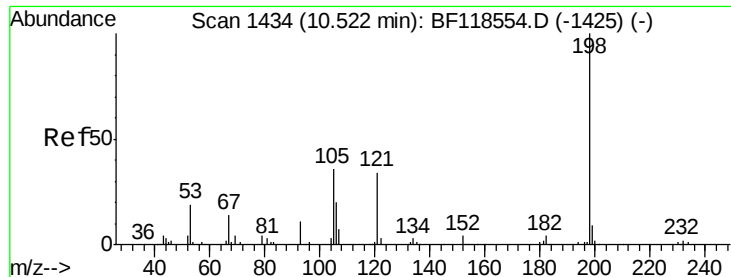


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





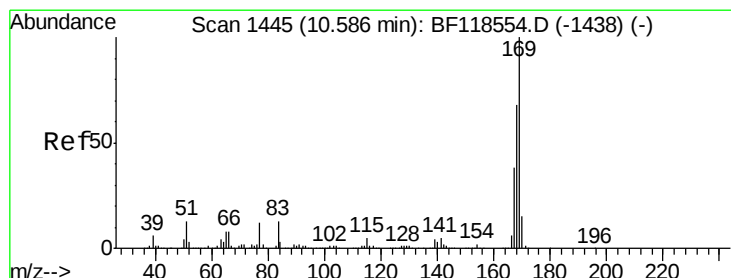
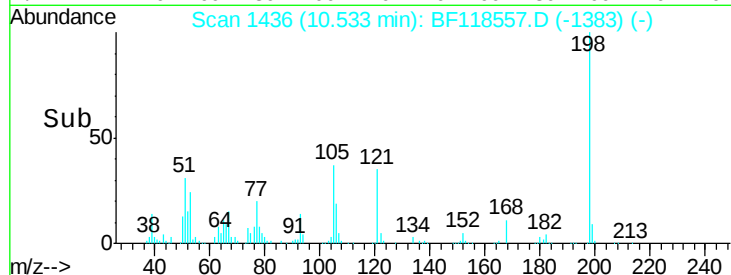
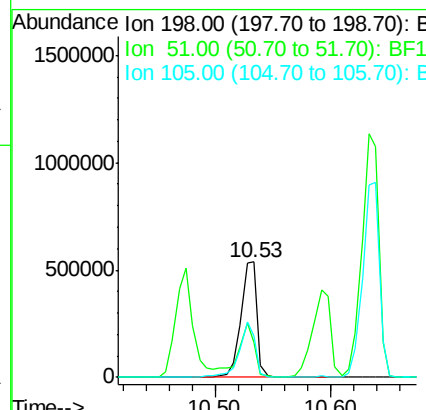
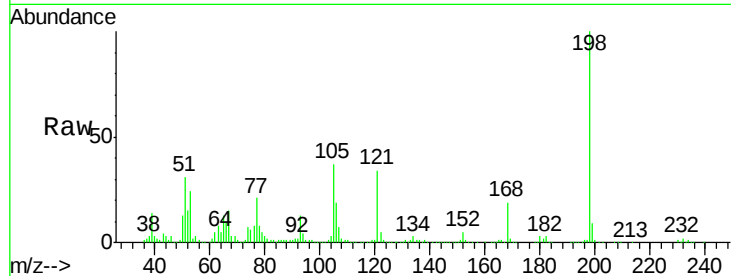
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 67.197 ng  
 RT: 10.53 min Scan# 1436  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 30.5  | 13.2  | 53.2  |
| 105     | 36.5  | 17.2  | 57.2  |

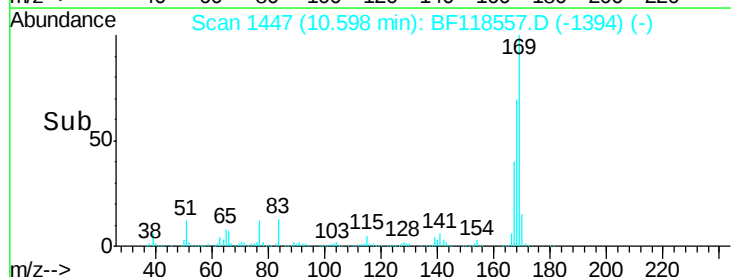
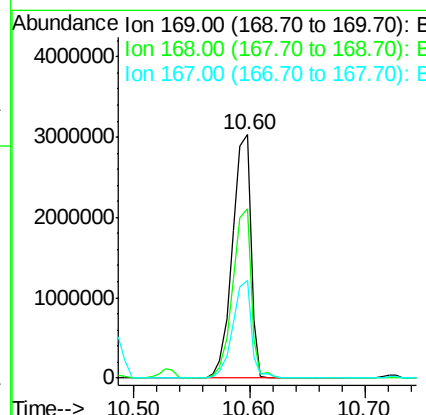
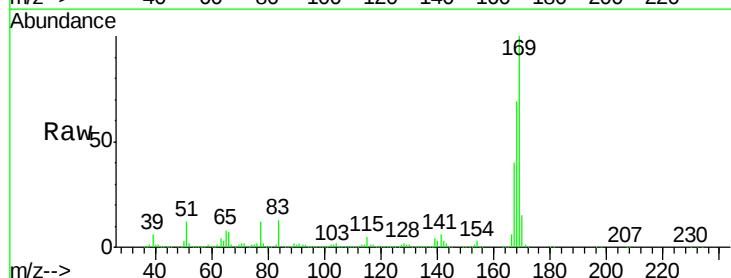
Manual Integrations  
 APPROVED

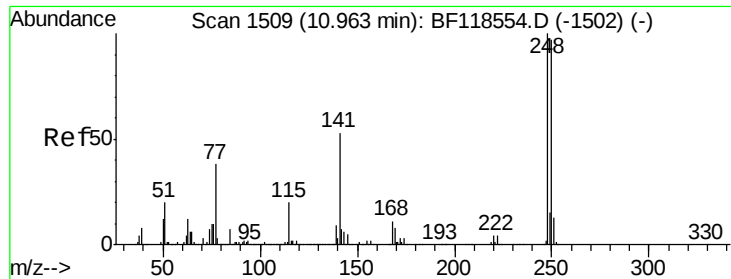
mohammad  
 1/21/2020 7:58:26 AM



#66  
 n-Nitrosodiphenylamine  
 Concen: 70.010 ng  
 RT: 10.60 min Scan# 1447  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.5  | 54.2  | 81.4  |
| 167     | 39.9  | 30.5  | 45.7  |





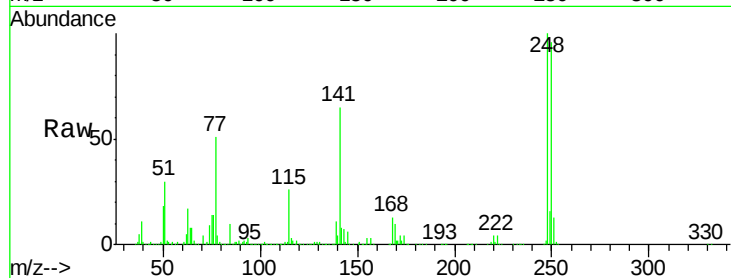
#67  
4-Bromophenyl-phenylether  
Concen: 82.975 ng  
RT: 10.96 min Scan# 1509  
Delta R.T. -0.00 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.6  | 77.8  | 116.8 |
| 141     | 65.0  | 42.7  | 64.1# |

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM

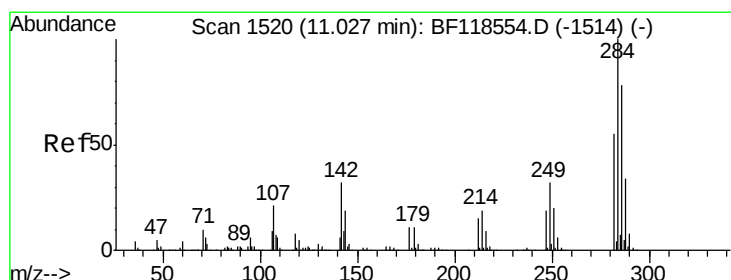
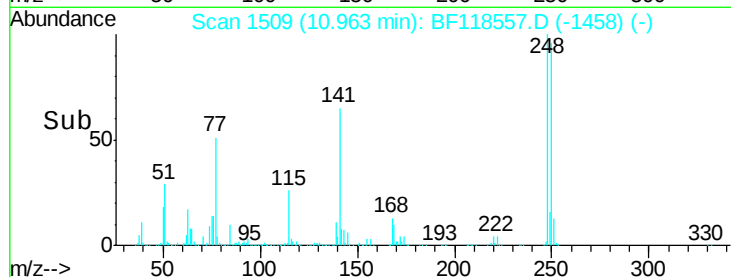
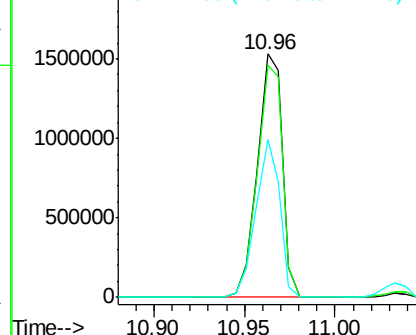


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 76.239 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

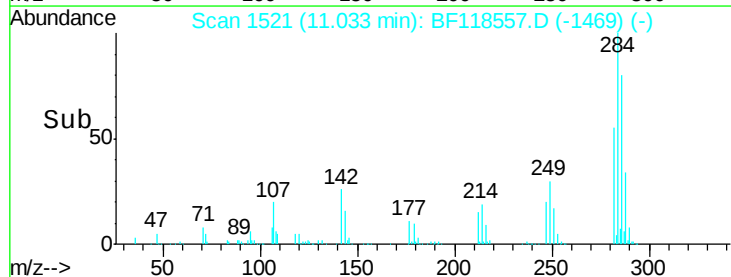
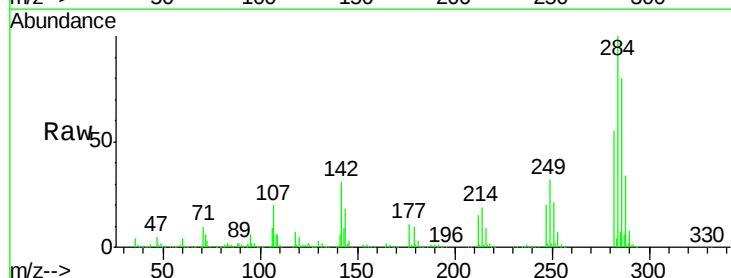
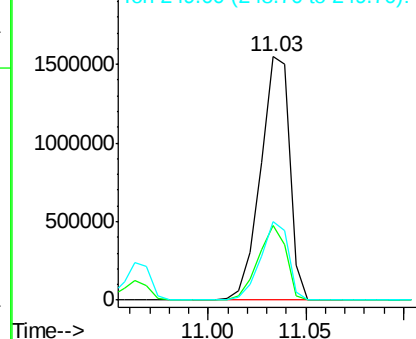
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.7  | 25.6  | 38.4  |
| 249     | 32.1  | 25.6  | 38.4  |

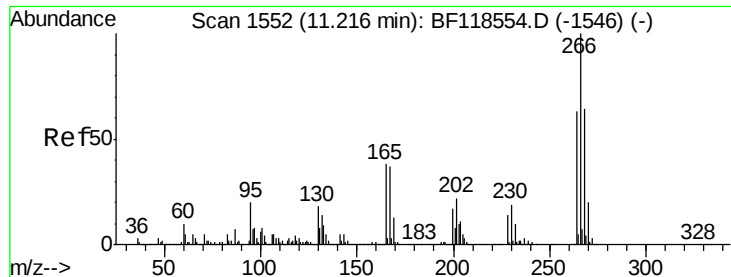
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





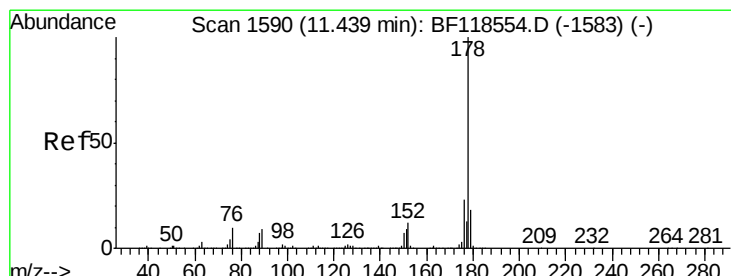
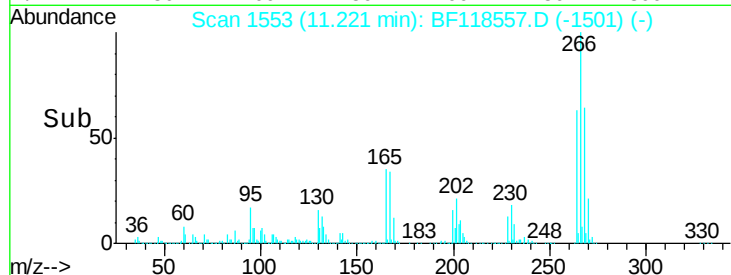
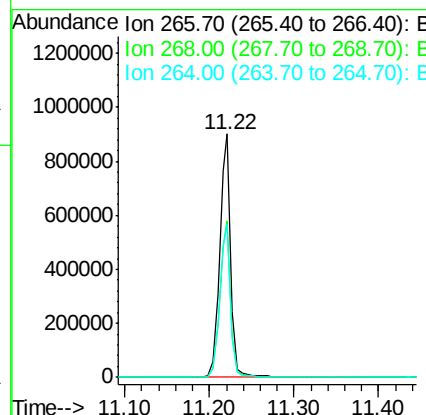
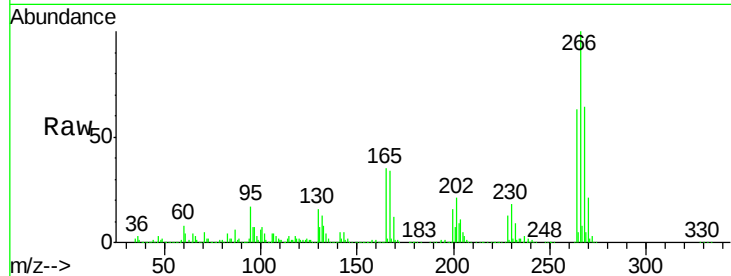
#70  
 Pentachlorophenol  
 Concen: 146.333 ng  
 RT: 11.22 min Scan# 1553  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 51.0  | 76.4  |
| 264     | 62.8  | 50.5  | 75.7  |

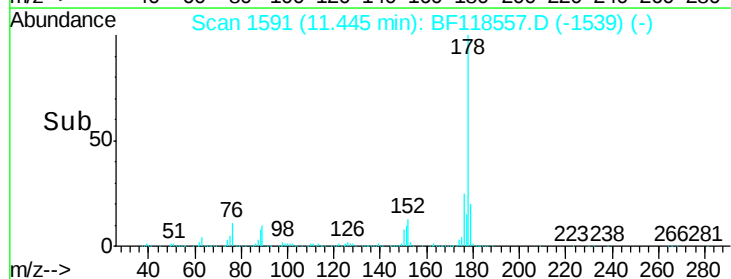
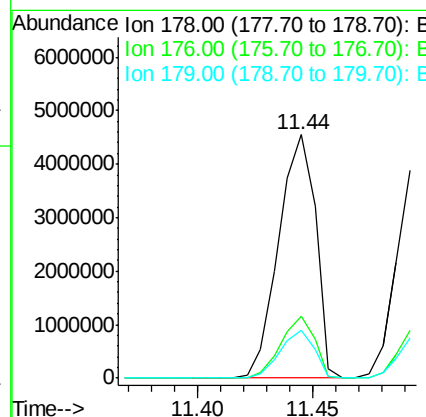
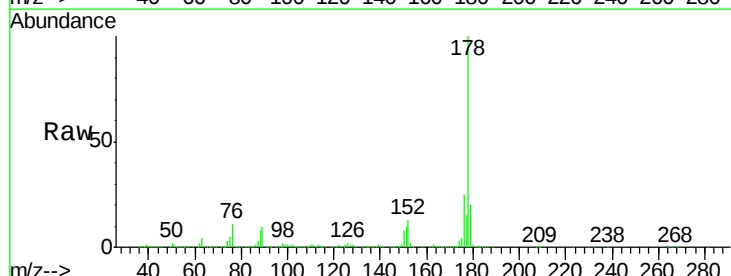
Manual Integrations  
 APPROVED

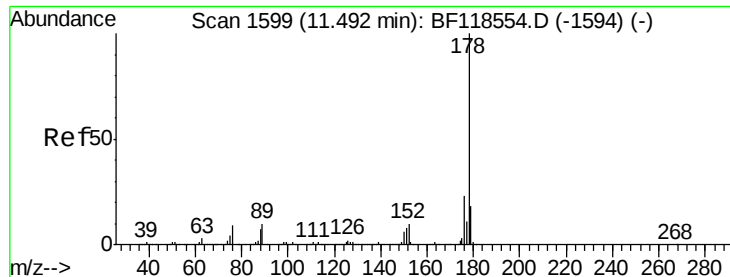
mohammad  
 1/21/2020 7:58:26 AM



#71  
 Phenanthrene  
 Concen: 64.016 ng  
 RT: 11.44 min Scan# 1591  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 25.4  | 18.6  | 28.0  |
| 179     | 19.8  | 14.6  | 22.0  |





#72

Anthracene

Concen: 63.230 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 4965908

Ion Ratio Lower Upper

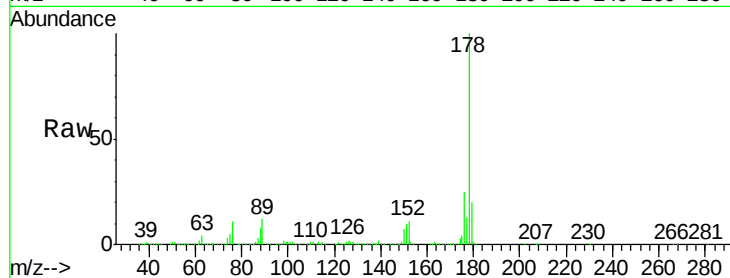
178 100

176 25.0 18.1 27.1

179 20.3 14.7 22.1

Manual Integrations  
APPROVED

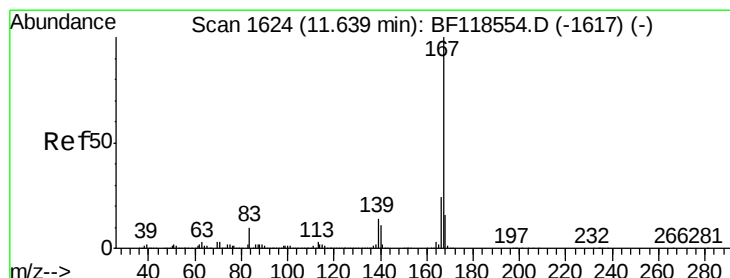
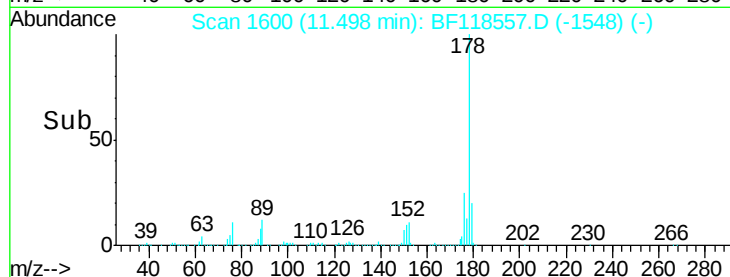
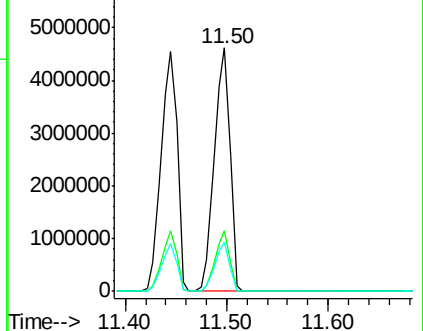
mohammad  
1/21/2020 7:58:26 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 65.663 ng

RT: 11.64 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

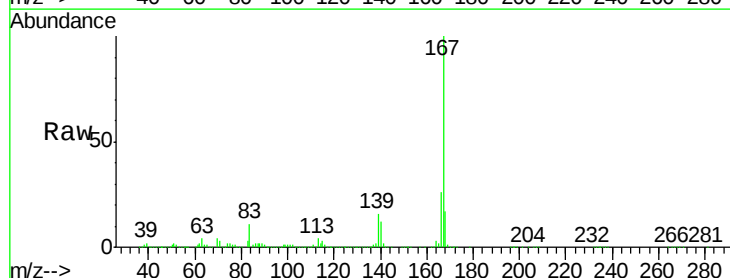
Tgt Ion:167 Resp: 4607151

Ion Ratio Lower Upper

167 100

166 26.1 19.5 29.3

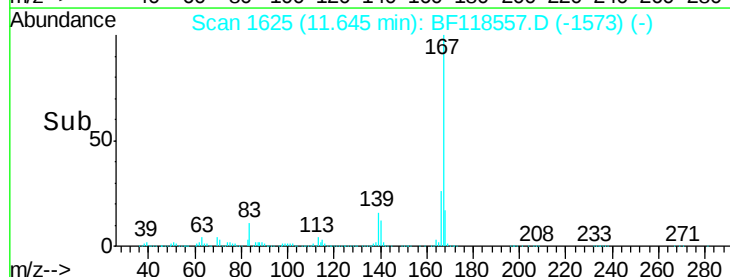
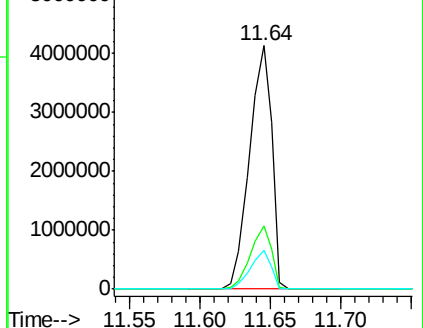
139 15.9 11.5 17.3

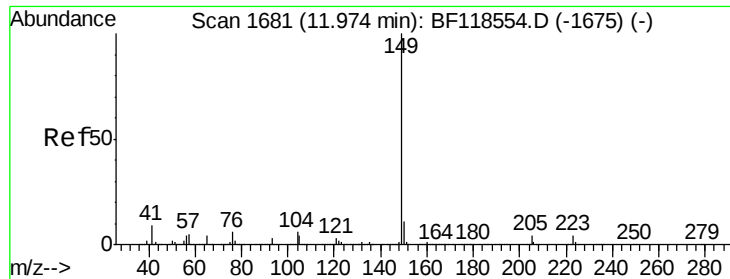


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





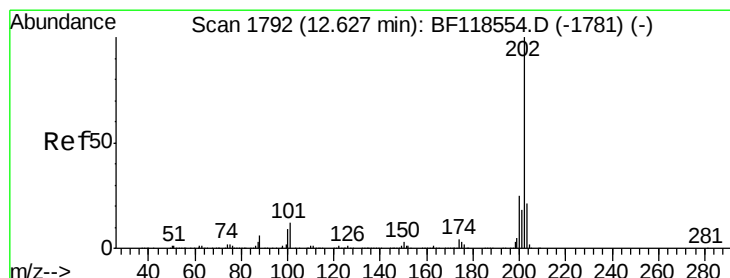
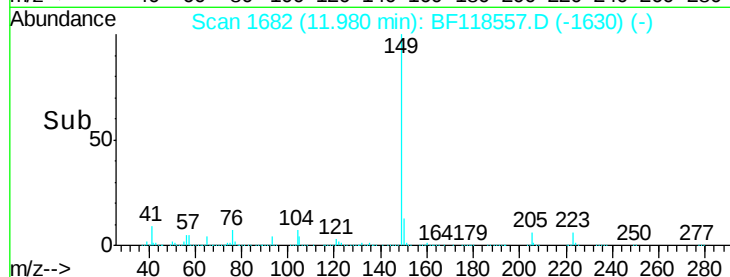
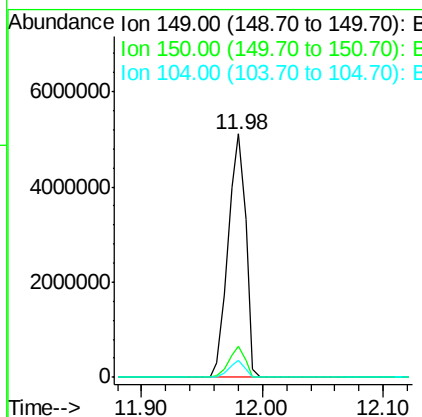
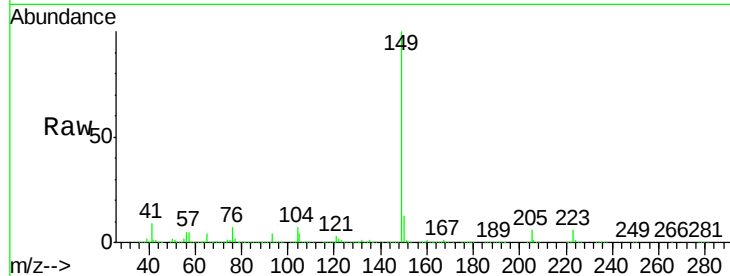
#74  
Di-n-butylphthalate  
Concen: 57.073 ng  
RT: 11.98 min Scan# 1682  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:149 Resp: 5179322  
Ion Ratio Lower Upper  
149 100  
150 12.9 9.0 13.6  
104 6.8 5.0 7.4

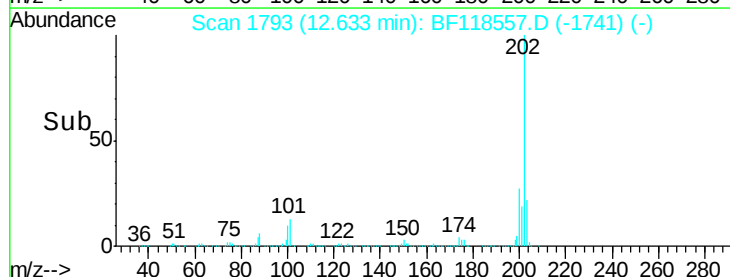
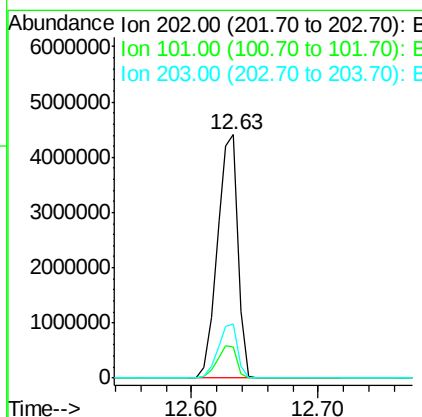
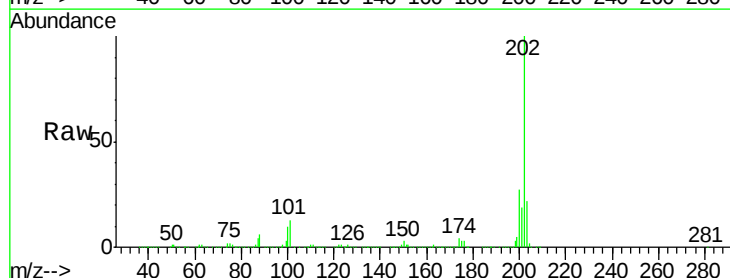
Manual Integrations  
APPROVED

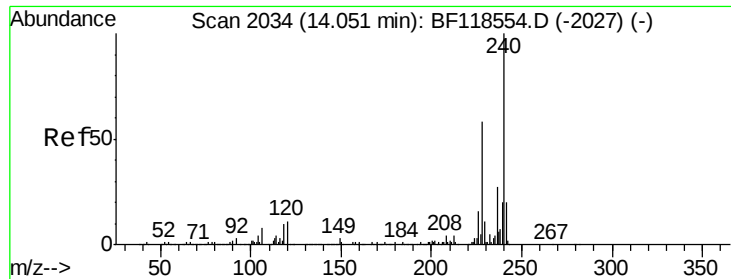
mohammad  
1/21/2020 7:58:26 AM



#75  
Fluoranthene  
Concen: 62.996 ng  
RT: 12.63 min Scan# 1793  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Tgt Ion:202 Resp: 4958839  
Ion Ratio Lower Upper  
202 100  
101 12.7 0.0 31.9  
203 22.5 0.9 40.9





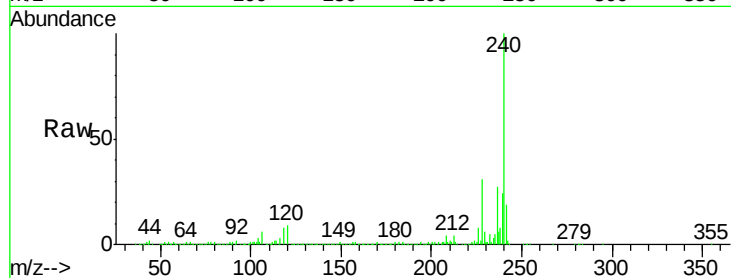
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

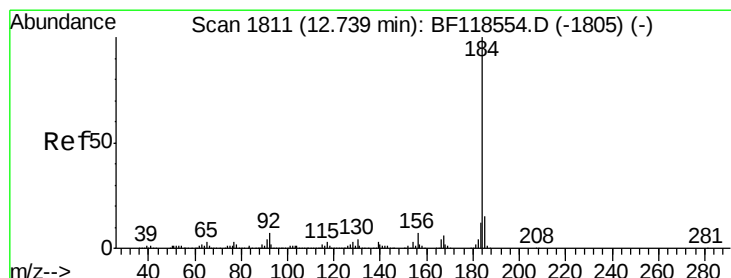
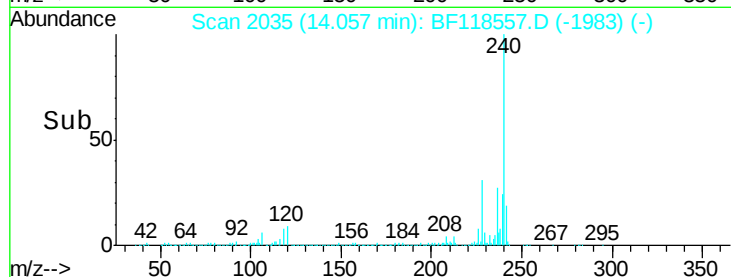
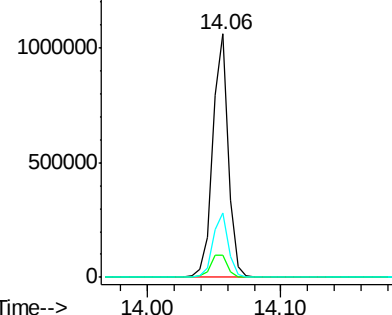
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.9   | 8.7   | 13.1  |
| 236     | 26.7  | 21.8  | 32.8  |

Manual Integrations  
APPROVED

mohammad  
1/21/2020 7:58:26 AM

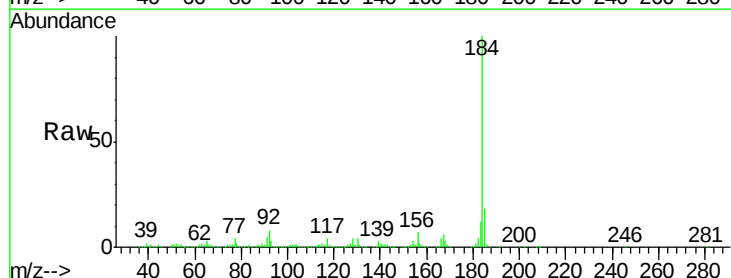


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

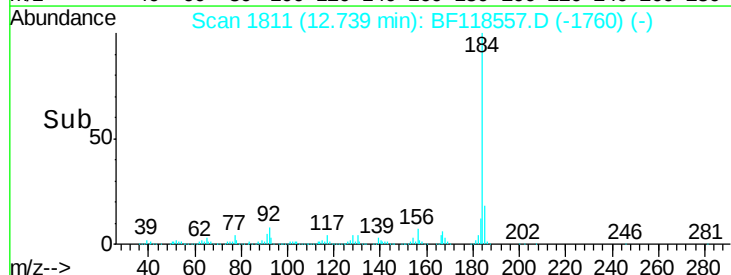
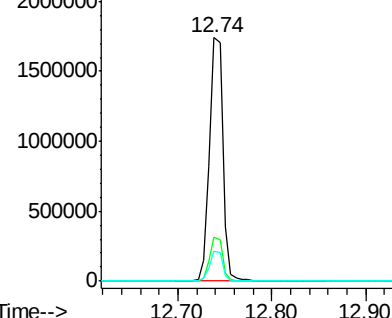


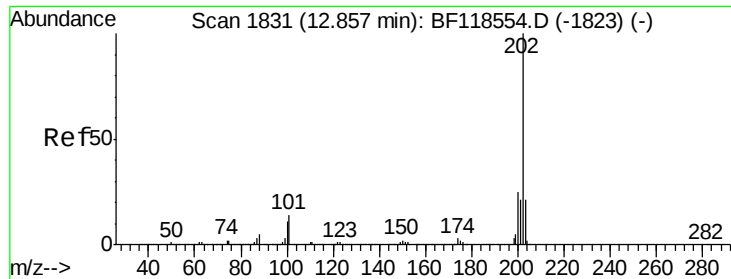
#77  
Benzidine  
Concen: 89.421 ng  
RT: 12.74 min Scan# 1811  
Delta R.T. -0.00 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 18.2  | 12.3  | 18.5  |
| 183     | 12.2  | 9.5   | 14.3  |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





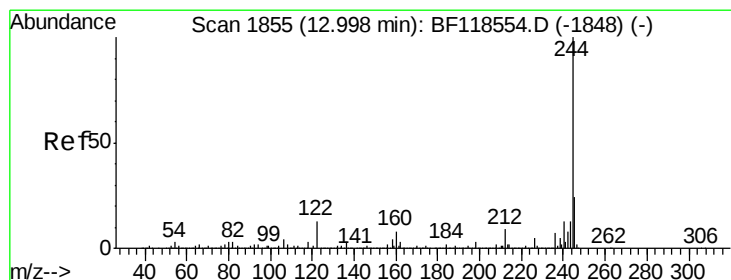
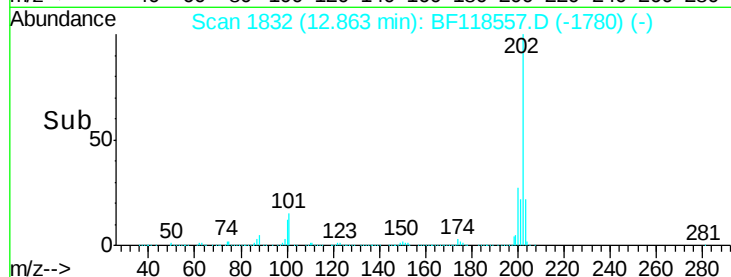
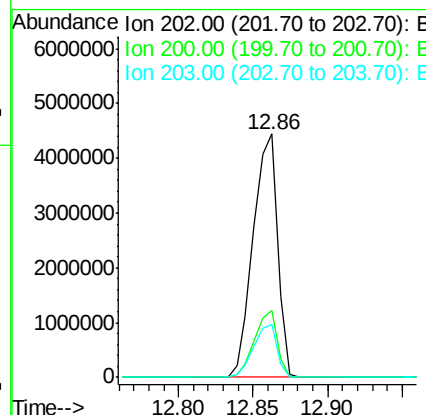
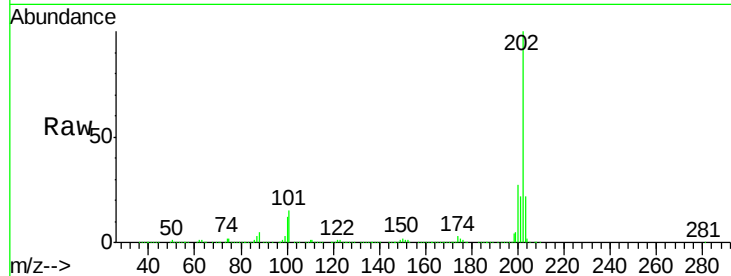
#78  
Pvrene  
Concen: 67.873 ng  
RT: 12.86 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 27.4  | 20.2  | 30.4  |
| 203     | 21.9  | 16.6  | 25.0  |

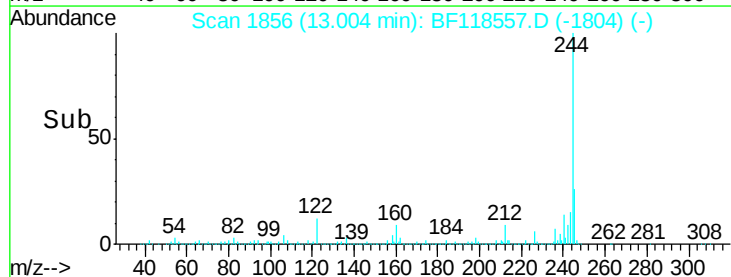
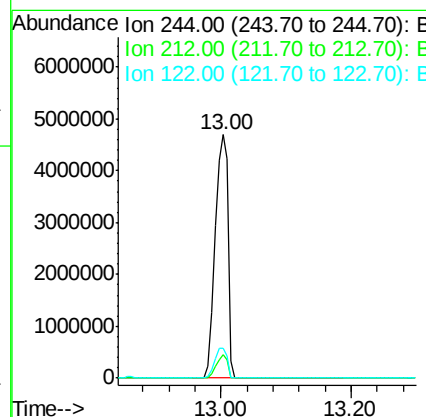
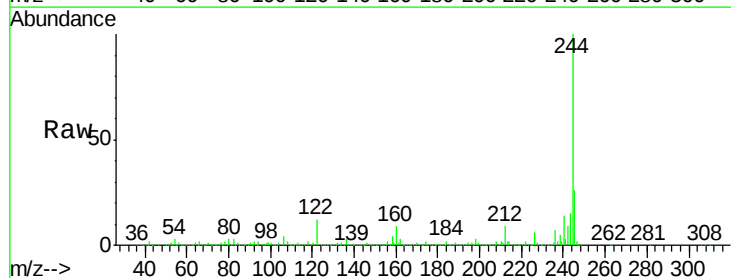
Manual Integrations  
APPROVED

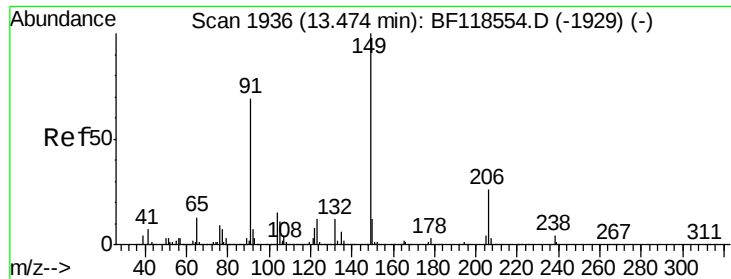
mohammad  
1/21/2020 7:58:26 AM



#79  
Terphenyl-d14  
Concen: 120.697 ng  
RT: 13.00 min Scan# 1856  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.5   | 7.0   | 10.4  |
| 122     | 12.3  | 10.4  | 15.6  |





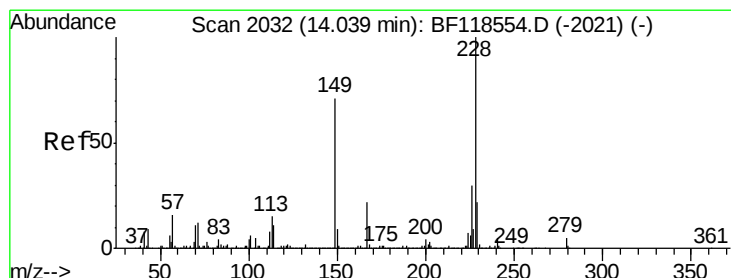
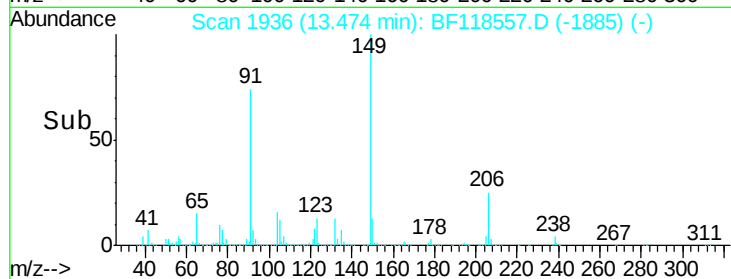
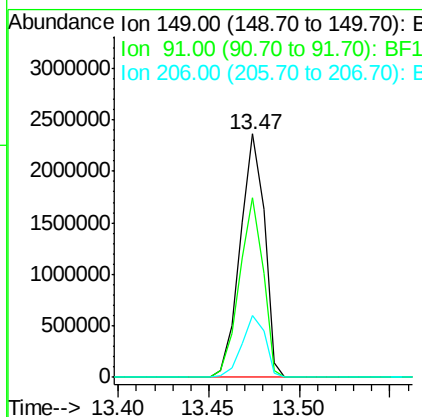
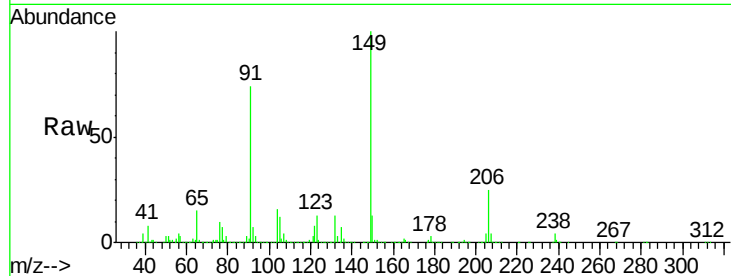
#80  
Butylbenzylphthalate  
Concen: 66.540 ng  
RT: 13.47 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 73.8  | 55.5  | 83.3  |
| 206     | 25.2  | 20.7  | 31.1  |

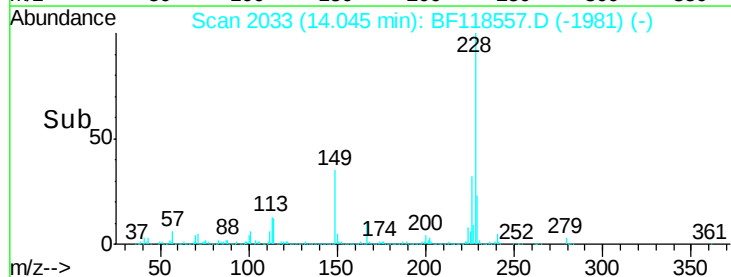
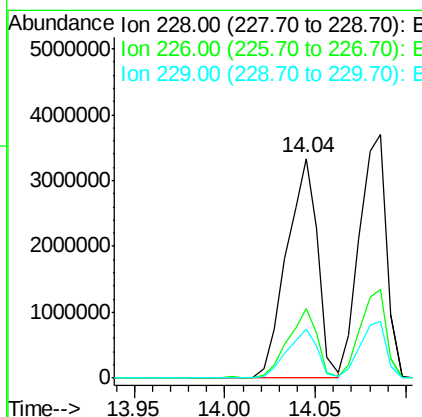
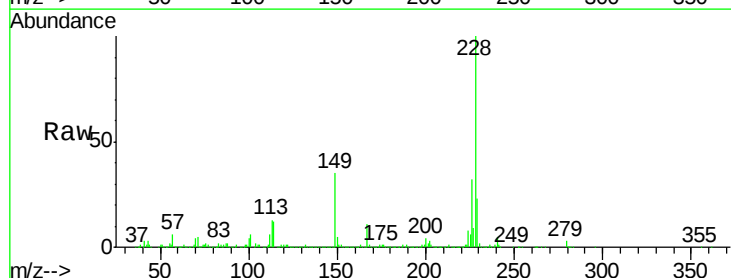
Manual Integrations  
APPROVED

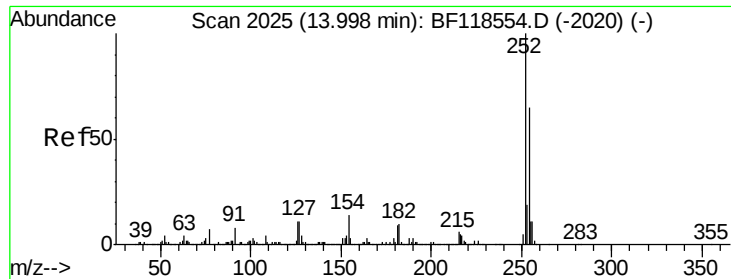
mohammad  
1/21/2020 7:58:26 AM



#81  
Benzo(a)anthracene  
Concen: 66.303 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 23.7  | 35.5  |
| 229     | 22.5  | 17.3  | 25.9  |





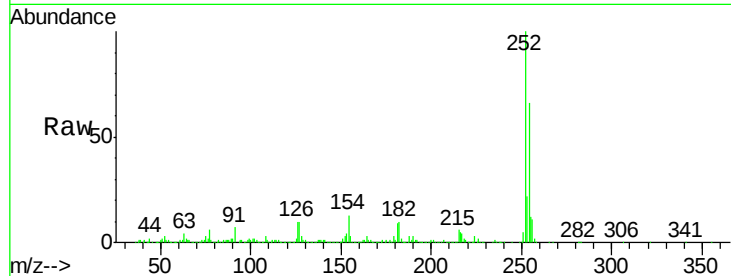
#82  
 3,3'-Dichlorobenzidine  
 Concen: 65.497 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.0  | 52.0  | 78.0  |
| 126     | 10.4  | 9.1   | 13.7  |

Manual Integrations  
 APPROVED

mohammad  
 1/21/2020 7:58:26 AM

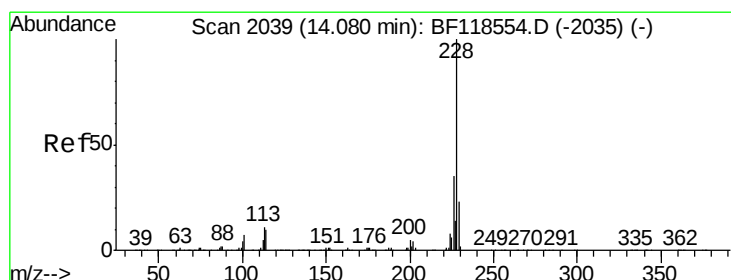
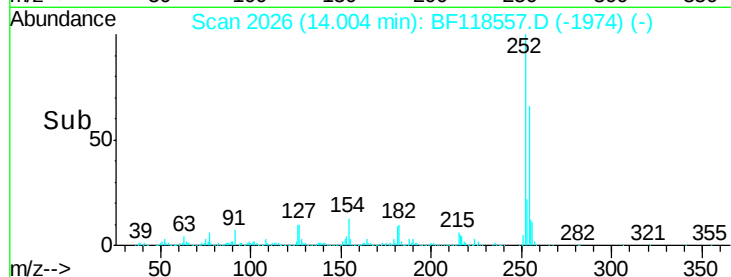
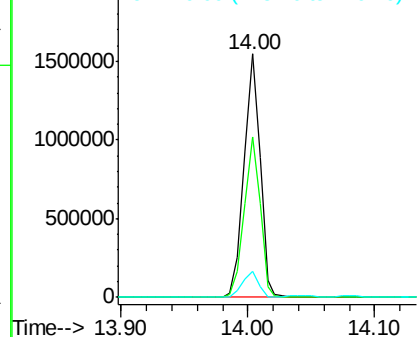


Abundance

Ion 252.00 (251.70 to 252.70): E

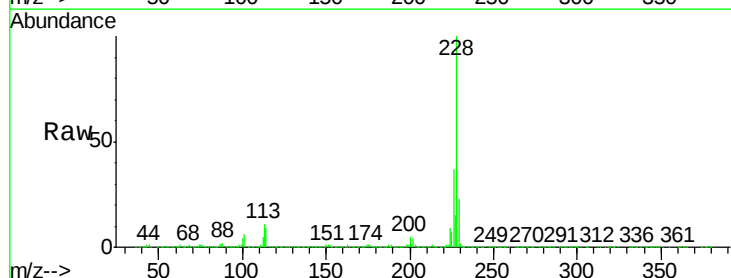
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83  
 Chrysene  
 Concen: 66.498 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 36.6  | 28.2  | 42.2  |
| 229     | 23.4  | 18.2  | 27.2  |

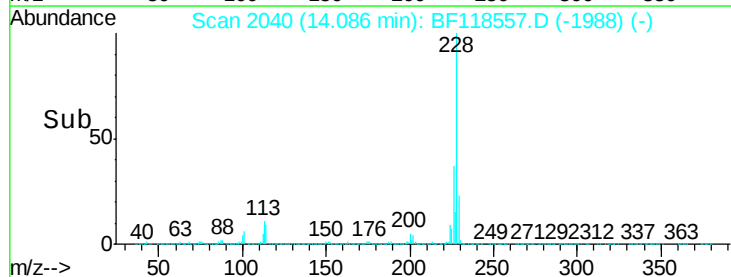
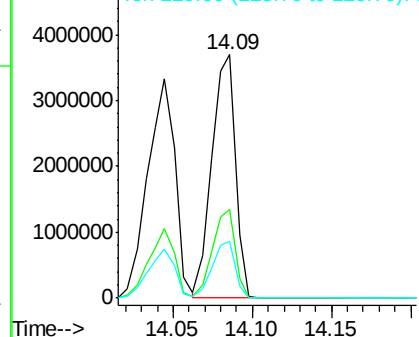


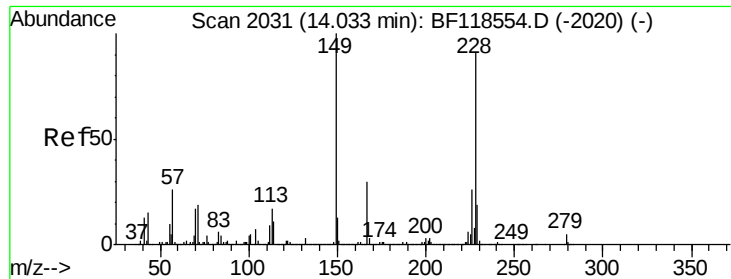
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 58.473 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2577657

Ion Ratio Lower Upper

149 100

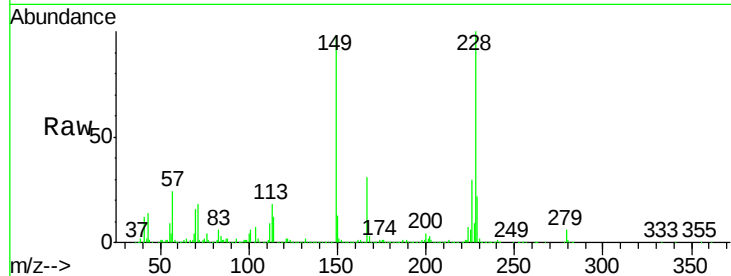
167 31.2 23.9 35.9

279 6.4 4.2 6.2#

Manual Integrations  
APPROVED

mohammad

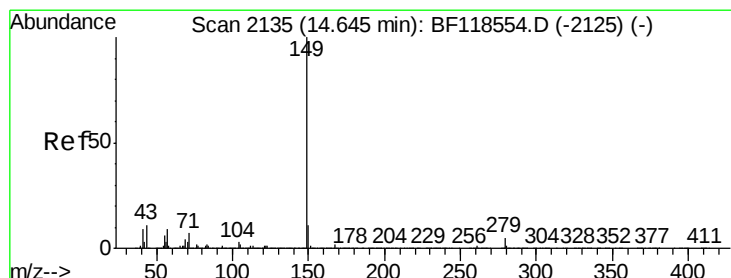
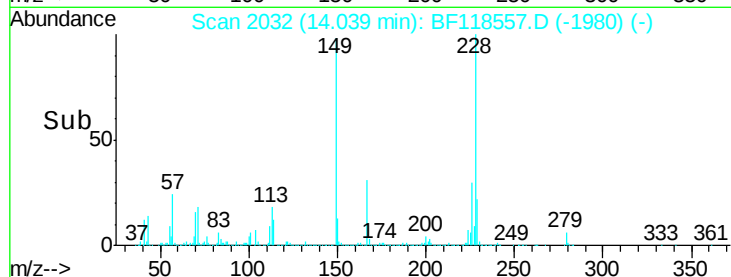
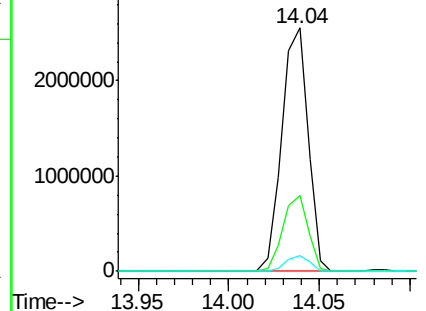
1/21/2020 7:58:26 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 60.605 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

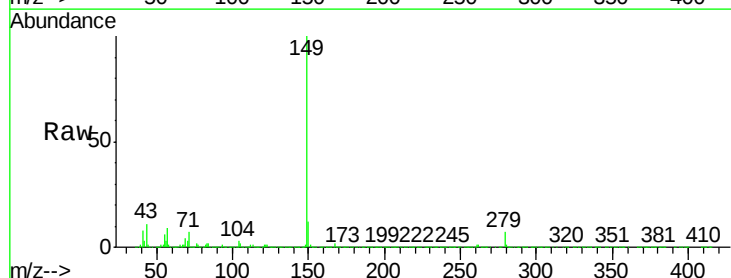
Tgt Ion:149 Resp: 3997436

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

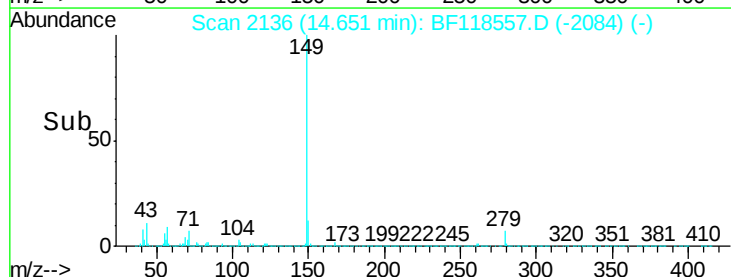
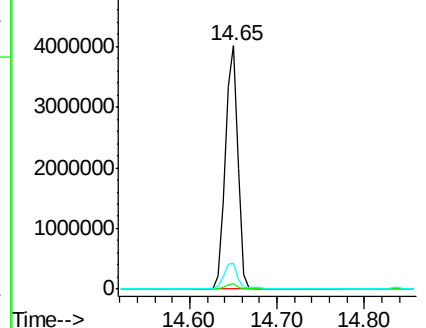
43 11.9 8.9 13.3

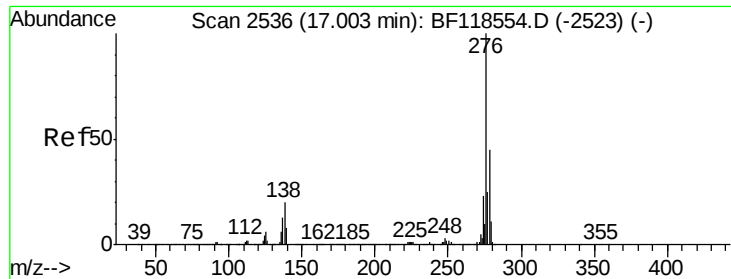


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





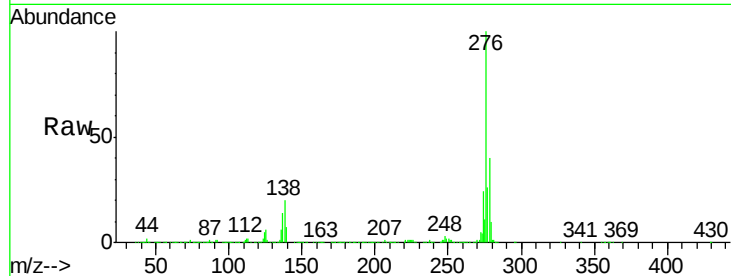
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 88.823 ng  
 RT: 17.02 min Scan# 2538  
 Delta R.T. 0.01 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 276     | 100  |       |       |       |
| 138     | 21.9 | 17.3  | 25.9  |       |
| 277     | 26.1 | 20.5  | 30.7  |       |

Manual Integrations  
 APPROVED

mohammad  
 1/21/2020 7:58:26 AM

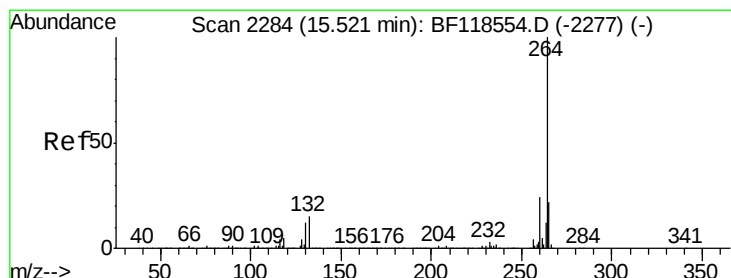
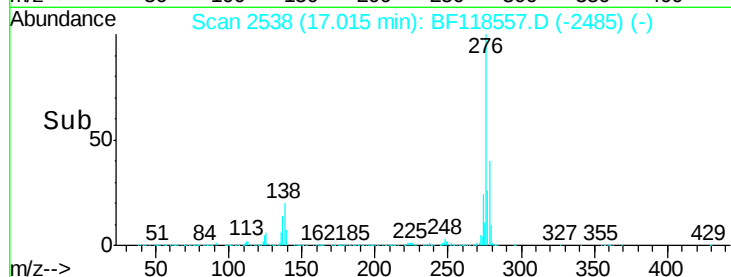
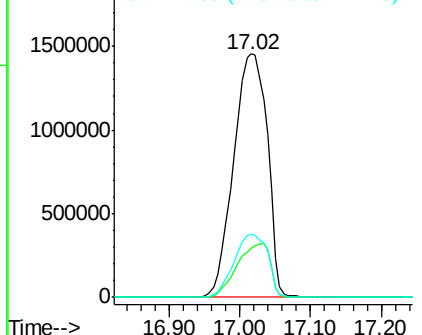


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.52 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

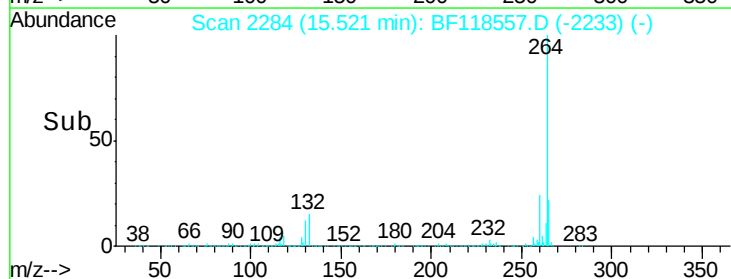
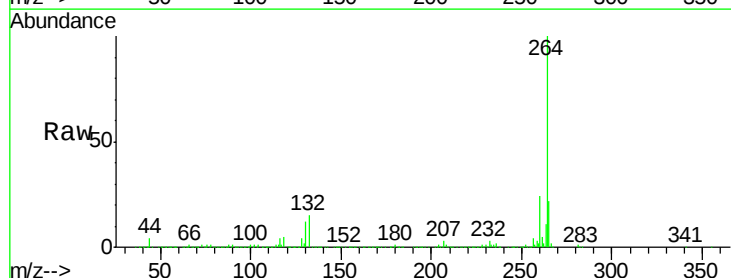
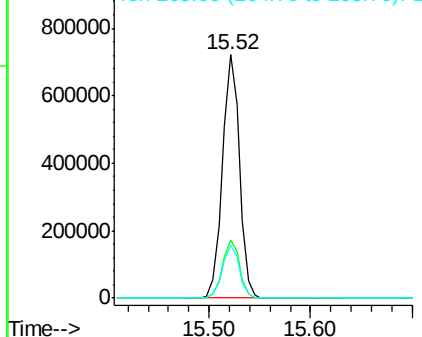
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 264     | 100  |       |       |       |
| 260     | 23.6 | 19.0  | 28.6  |       |
| 265     | 21.8 | 17.6  | 26.4  |       |

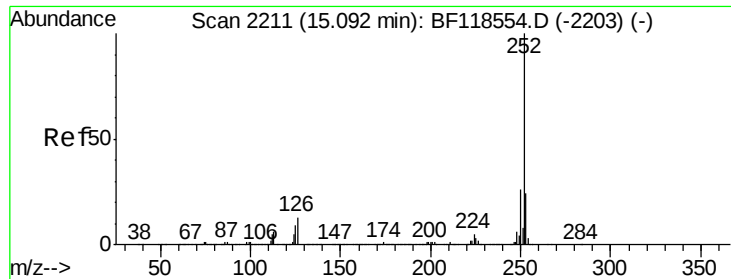
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





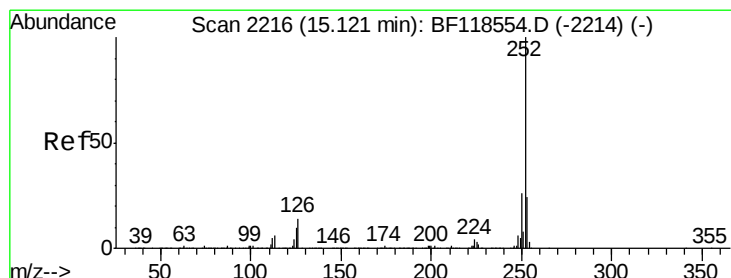
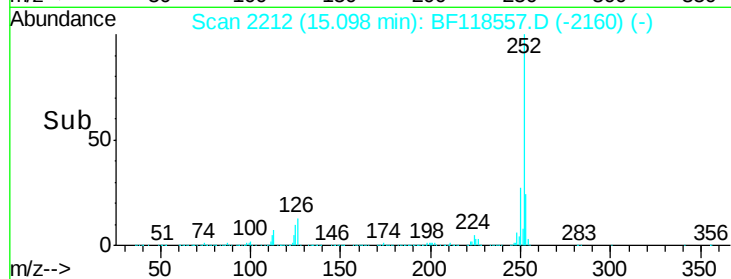
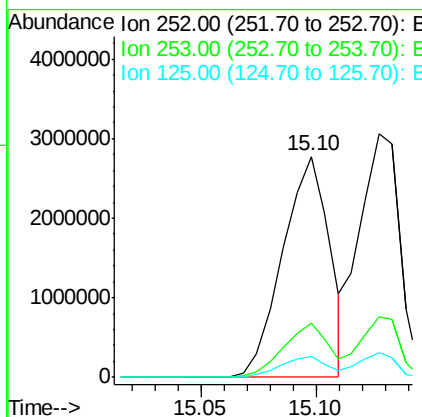
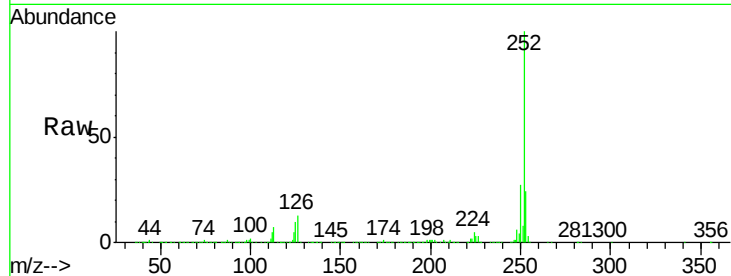
#88  
Benzo(b)fluoranthene  
Concen: 72.654 ng  
RT: 15.10 min Scan# 2212  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:252 Resp: 3917685  
Ion Ratio Lower Upper  
252 100  
253 24.3 19.1 28.7  
125 9.7 7.5 11.3

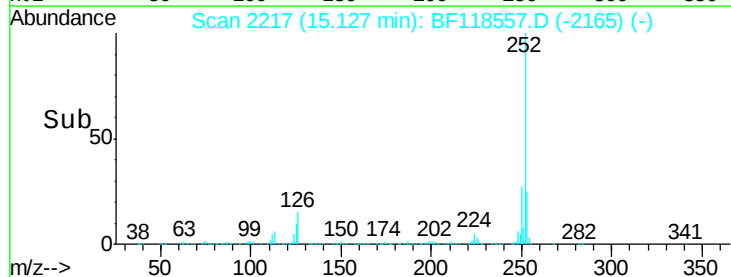
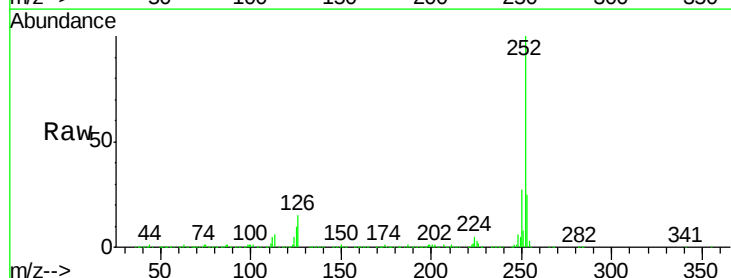
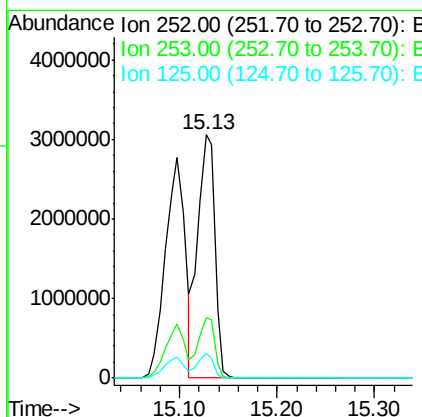
Manual Integrations  
APPROVED

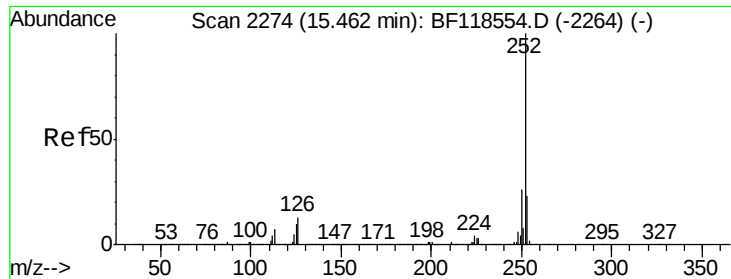
mohammad  
1/21/2020 7:58:26 AM



#89  
Benzo(k)fluoranthene  
Concen: 75.999 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Tgt Ion:252 Resp: 3712161  
Ion Ratio Lower Upper  
252 100  
253 25.0 19.0 28.4  
125 10.3 7.8 11.8





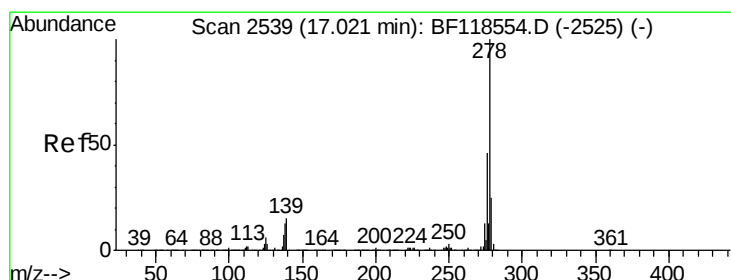
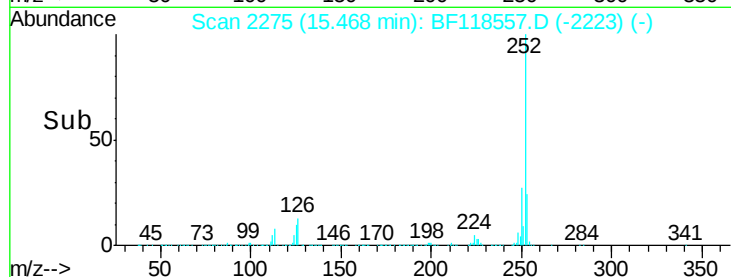
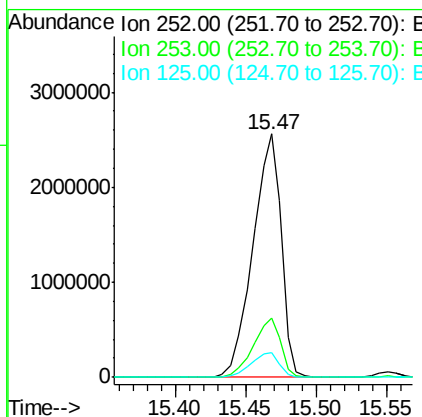
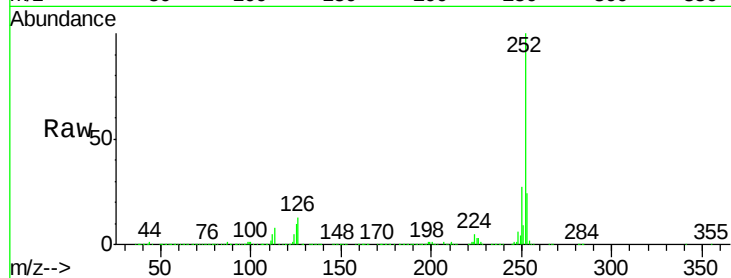
#90  
Benzo(a)pyrene  
Concen: 75.259 ng  
RT: 15.47 min Scan# 2275  
Delta R.T. 0.01 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.4  | 18.3  | 27.5  |
| 125     | 10.4  | 7.8   | 11.6  |

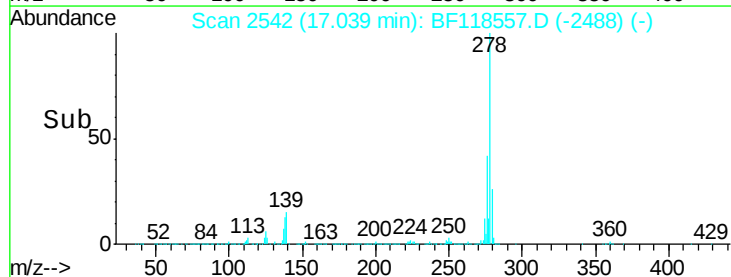
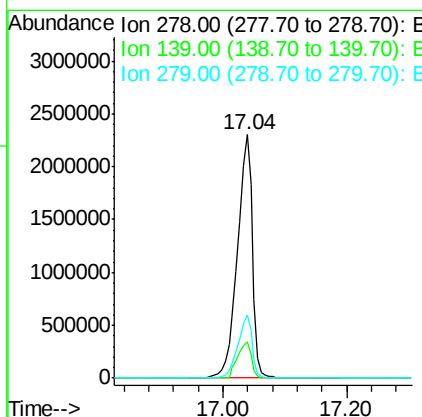
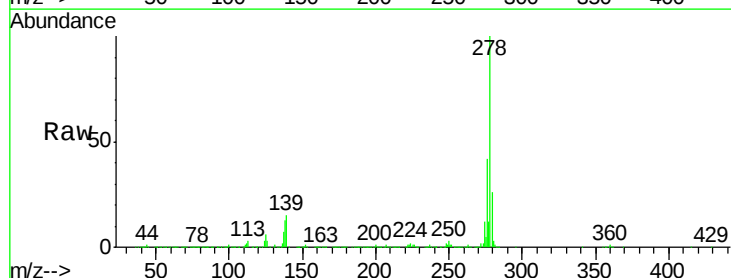
Manual Integrations  
APPROVED

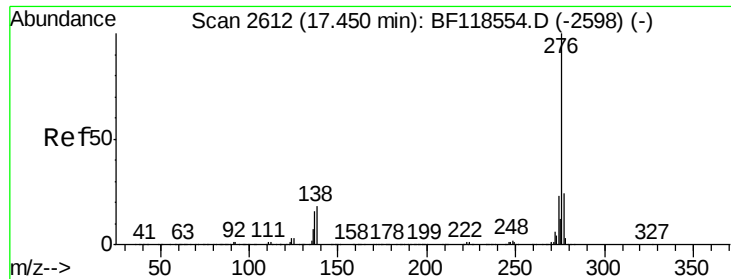
mohammad  
1/21/2020 7:58:26 AM



#91  
Dibenzo(a,h)anthracene  
Concen: 88.940 ng  
RT: 17.04 min Scan# 2542  
Delta R.T. 0.02 min  
Lab File: BF118557.D  
Acq: 17 Jan 2020 12:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.7  | 11.7  | 17.5  |
| 279     | 25.9  | 20.0  | 30.0  |





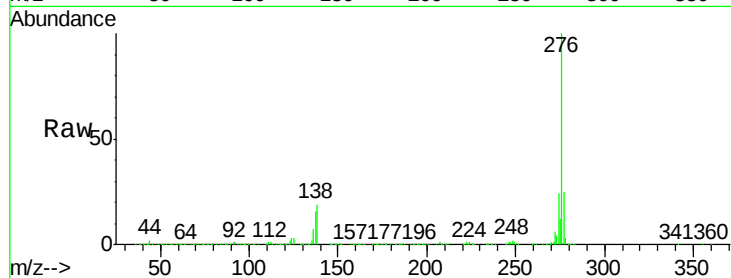
#92  
 Benzo(a,h,i)perylene  
 Concen: 92.701 ng  
 RT: 17.47 min Scan# 2615  
 Delta R.T. 0.02 min  
 Lab File: BF118557.D  
 Acq: 17 Jan 2020 12:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.0  | 19.1  | 28.7  |
| 138     | 19.2  | 14.7  | 22.1  |

Manual Integrations  
 APPROVED

mohammad  
 1/21/2020 7:58:26 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

