

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\  
 Data File : BF119413.D  
 Acq On : 18 Mar 2020 13:38  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 3/19/2020 2:43:51 PM

Quant Time: Mar 18 14:48:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 14:23:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 307647   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 1047015  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 529951   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.39 | 188  | 986374   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.04 | 240  | 610315   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.50 | 264  | 529881   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 2629636 | 142.85 | ng | 0.01 |
| 7) Phenol-d6             | 6.49  | 99  | 3327163 | 148.61 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 2960238 | 149.28 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.70 | 330 | 815561  | 117.64 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.23  | 172 | 4574869 | 127.17 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.99 | 244 | 4609935 | 130.04 | ng | 0.00 |

## Target Compounds

|                                |      |     |          |         |    | Qvalue |
|--------------------------------|------|-----|----------|---------|----|--------|
| 2) 1,4-Dioxane                 | 2.60 | 88  | 677012   | 82.600  | ng | 97     |
| 3) Pyridine                    | 3.35 | 79  | 1884206  | 84.175  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.32 | 42  | 929816   | 137.123 | ng | 100    |
| 6) Aniline                     | 6.53 | 93  | 2393272  | 86.632  | ng | 100    |
| 8) 2-Chlorophenol              | 6.65 | 128 | 1392477  | 70.091  | ng | 95     |
| 9) Benzaldehyde                | 6.41 | 77  | 1065020  | 71.200  | ng | 99     |
| 10) Phenol                     | 6.50 | 94  | 1775191m | 73.336  | ng |        |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 1469328  | 79.332  | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 1508206  | 63.339  | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 1499275  | 62.921  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 1371148  | 63.096  | ng | 98     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 1295510  | 80.063  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 2963719  | 184.724 | ng | 98     |
| 17) 2-Methylphenol             | 7.11 | 107 | 1294463  | 80.366  | ng | 99     |
| 18) Hexachloroethane           | 7.37 | 117 | 581646   | 68.230  | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 1055531  | 80.909  | ng | 99     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 1493805  | 75.699  | ng | 91     |
| 22) Acetophenone               | 7.27 | 105 | 1780354  | 73.492  | ng | # 89   |
| 24) Nitrobenzene               | 7.45 | 77  | 1558737  | 79.488  | ng | 95     |
| 25) Isophorone                 | 7.69 | 82  | 2964536  | 86.082  | ng | 98     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 698462   | 67.224  | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 1239119  | 87.873  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 1712580  | 76.400  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 1159118  | 69.824  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 1257503  | 63.890  | ng | 98     |
| 31) Naphthalene                | 8.17 | 128 | 3762408  | 69.289  | ng | 96     |
| 32) Benzoic acid               | 7.94 | 122 | 910674   | 94.788  | ng | 99     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 1781395  | 76.275  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 708239   | 57.768  | ng | 98     |
| 35) Caprolactam                | 8.61 | 113 | 382279m  | 74.787  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 1254756  | 74.685  | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 2517417  | 68.891  | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.96 | 142 | 2377866  | 69.192  | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 1099275  | 61.523  | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\  
 Data File : BF119413.D  
 Acq On : 18 Mar 2020 13:38  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

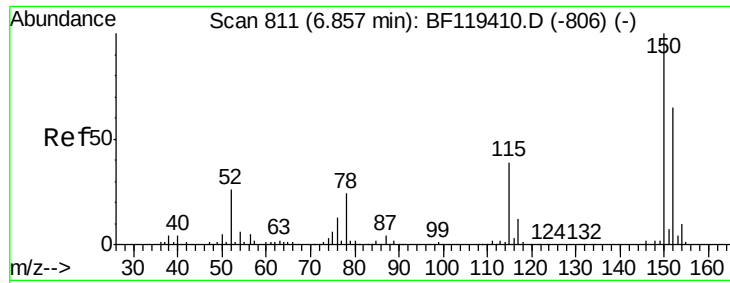
mohammad  
 3/19/2020 2:43:51 PM

Quant Time: Mar 18 14:48:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 14:23:49 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.02  | 237  | 681740   | 130.102 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.13  | 196  | 834987   | 74.002  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.17  | 196  | 917845   | 77.519  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.33  | 154  | 2989675  | 69.802  | nq    | 97       |
| 47) 2-Chloronaphthalene        | 9.35  | 162  | 2390784  | 69.267  | nq    | 98       |
| 48) 2-Nitroaniline             | 9.45  | 65   | 935559   | 97.182  | nq    | 97       |
| 49) Acenaphthylene             | 9.77  | 152  | 3679954  | 73.820  | nq    | 98       |
| 50) Dimethylphthalate          | 9.63  | 163  | 2734961  | 67.490  | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.69  | 165  | 640209   | 71.108  | nq    | 93       |
| 52) Acenaphthene               | 9.95  | 154  | 2370535  | 78.863  | nq    | 98       |
| 53) 3-Nitroaniline             | 9.86  | 138  | 779650   | 78.111  | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 289751   | 78.063  | nq    | 89       |
| 55) Dibenzofuran               | 10.12 | 168  | 3276815  | 73.036  | nq    | 97       |
| 56) 4-Nitrophenol              | 10.01 | 139  | 620038   | 103.392 | nq    | 88       |
| 57) 2,4-Dinitrotoluene         | 10.09 | 165  | 834201   | 71.483  | nq    | # 85     |
| 58) Fluorene                   | 10.46 | 166  | 2407540  | 69.057  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 691824   | 69.246  | nq    | 97       |
| 60) Diethylphthalate           | 10.33 | 149  | 2790646  | 73.074  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.45 | 204  | 1180785  | 63.986  | nq    | 99       |
| 62) 4-Nitroaniline             | 10.48 | 138  | 751939   | 73.633  | nq    | 100      |
| 63) Azobenzene                 | 10.61 | 77   | 2781271  | 83.787  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 386094   | 64.687  | nq    | 91       |
| 66) n-Nitrosodiphenylamine     | 10.57 | 169  | 2325019  | 71.988  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.94 | 248  | 824444   | 63.944  | nq    | 99       |
| 68) Hexachlorobenzene          | 11.00 | 284  | 834555   | 56.142  | nq    | 99       |
| 69) Atrazine                   | 11.10 | 200  | 655477   | 58.087  | nq    | 99       |
| 70) Pentachlorophenol          | 11.19 | 266  | 529145   | 88.367  | nq    | 99       |
| 71) Phenanthrene               | 11.42 | 178  | 3508803  | 65.229  | nq    | 97       |
| 72) Anthracene                 | 11.47 | 178  | 3580134  | 66.611  | nq    | 98       |
| 73) Carbazole                  | 11.62 | 167  | 3572877  | 74.618  | nq    | 97       |
| 74) Di-n-butylphthalate        | 11.96 | 149  | 3979010  | 68.621  | nq    | # 96     |
| 75) Fluoranthene               | 12.61 | 202  | 3774369  | 66.103  | nq    | 98       |
| 77) Benzdine                   | 12.73 | 184  | 1955836  | 78.798  | nq    | # 93     |
| 78) Pyrene                     | 12.84 | 202  | 3854371  | 78.648  | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 1691716  | 82.019  | nq    | 95       |
| 81) Benzo(a)anthracene         | 14.03 | 228  | 2860602  | 68.790  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 1124968  | 69.668  | nq    | 95       |
| 83) Chrysene                   | 14.07 | 228  | 2964300  | 71.540  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 1902184  | 72.998  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 3296159  | 79.391  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.99 | 276  | 2650158  | 66.054  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.08 | 252  | 2746667  | 78.641  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 15.11 | 252  | 2528457  | 78.117  | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.44 | 252  | 2442976  | 77.500  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 2133601  | 76.925  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.43 | 276  | 2203971  | 80.423  | nq    | 100      |

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





#1

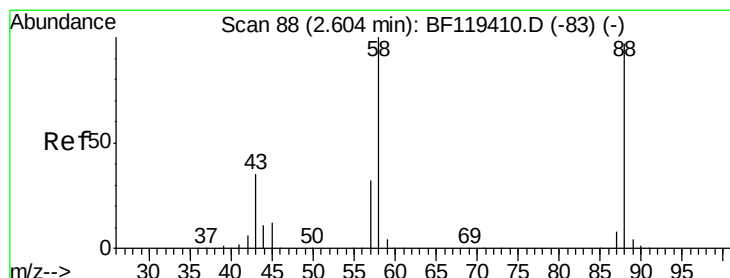
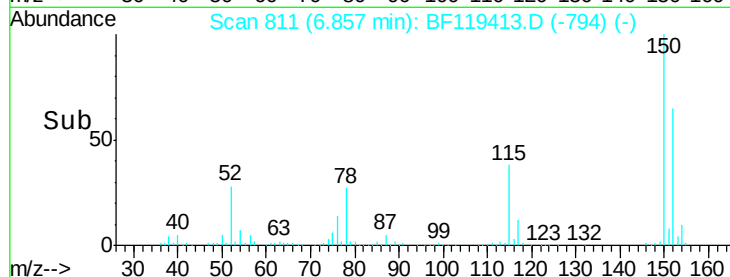
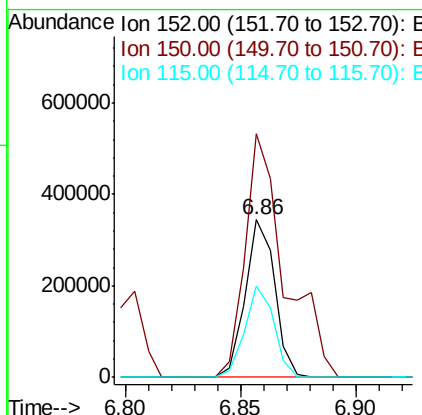
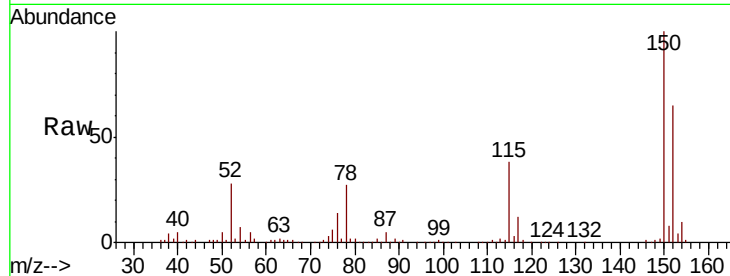
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 123.9 | 185.9 |
| 115     | 58.2  | 47.8  | 71.6  |

Manual Integrations  
APPROVED

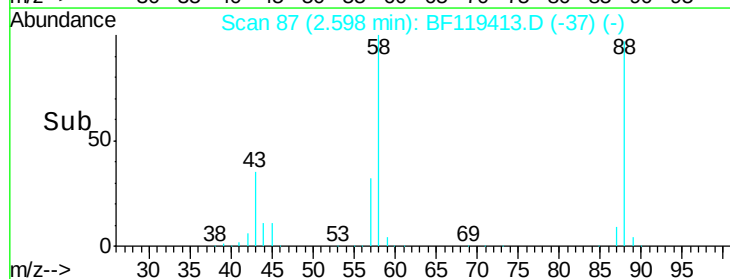
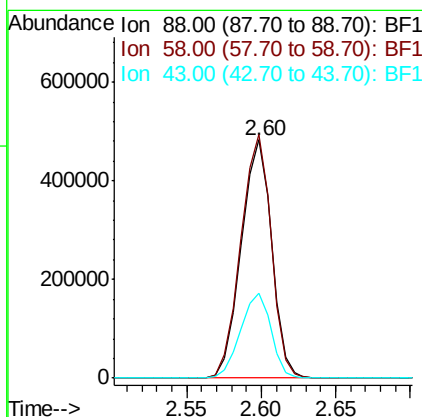
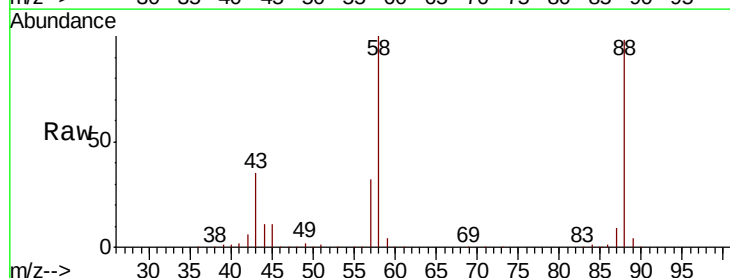
mohammad  
3/19/2020 2:43:51 PM

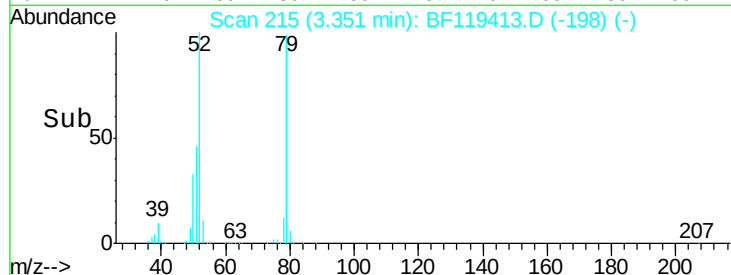
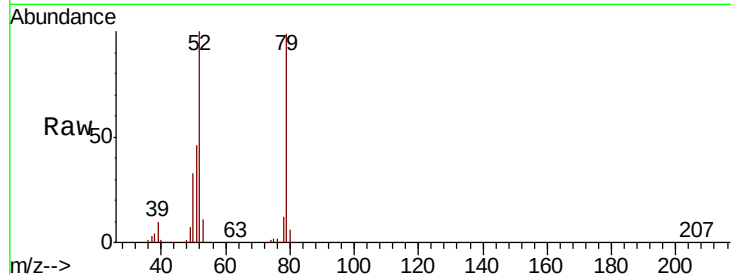
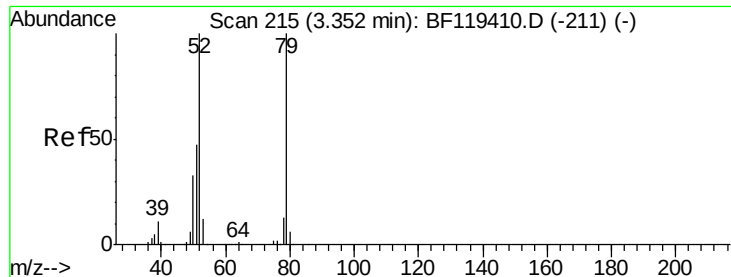


#2

1,4-Dioxane  
Concen: 82.600 ng  
RT: 2.60 min Scan# 87  
Delta R.T. -0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 102.7 | 79.4  | 119.2 |
| 43      | 36.0  | 28.4  | 42.6  |





#3  
 Pvridine  
 Concen: 84.175 ng  
 RT: 3.35 min Scan# 215  
 Delta R.T. -0.00 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

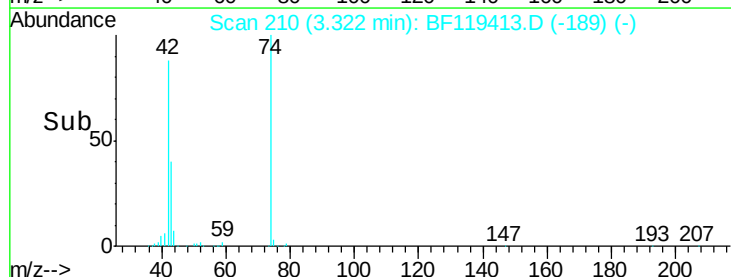
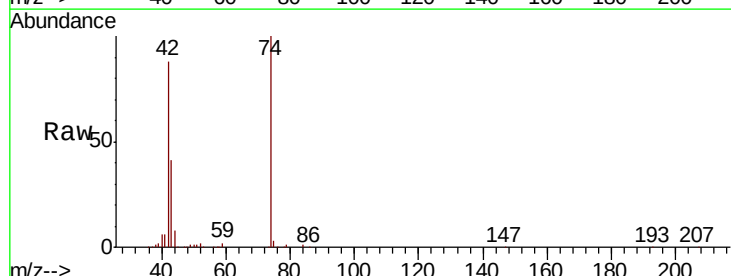
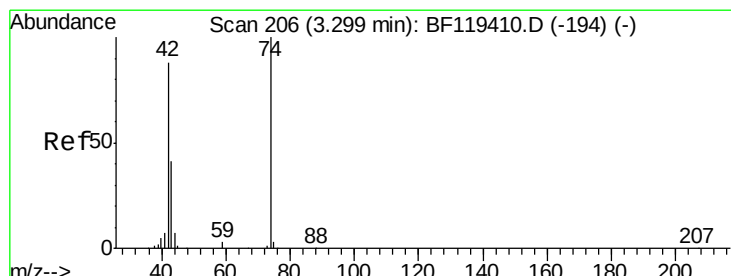
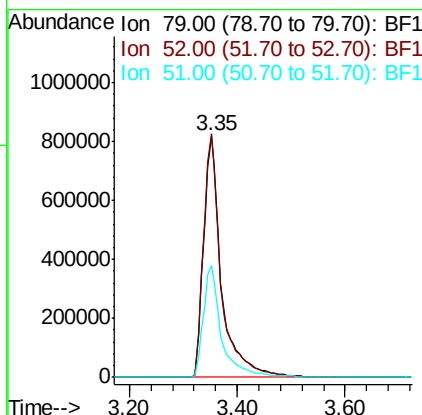
Tot Ion: 79 Resp: 1884206  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 101.0 | 80.0  | 120.0 |
| 51  | 46.2  | 37.9  | 56.9  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

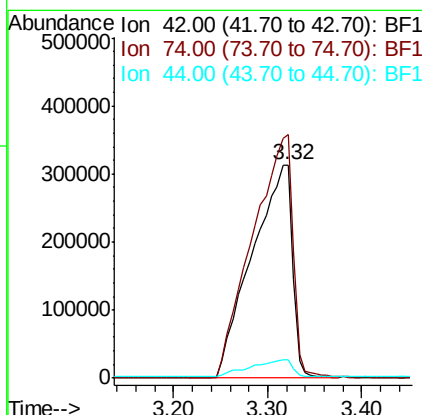
mohammad  
 3/19/2020 2:43:51 PM

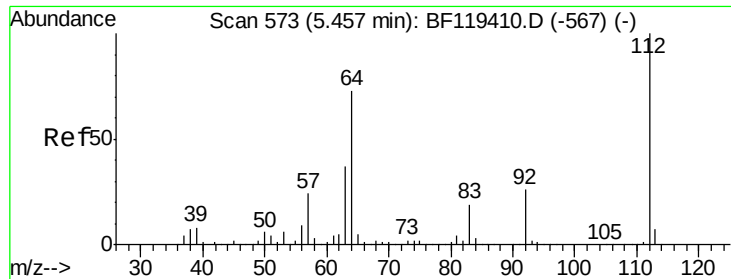


#4  
 n-Nitrosodimethylamine  
 Concen: 137.123 ng  
 RT: 3.32 min Scan# 210  
 Delta R.T. 0.02 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Tgt Ion: 42 Resp: 929816  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 114.1 | 91.3  | 136.9 |
| 44  | 8.9   | 7.1   | 10.7  |





#5

2-Fluorophenol

Concen: 142.845 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 112 Resp: 2629636

Ion Ratio Lower Upper

112 100

64 69.2 58.1 87.1

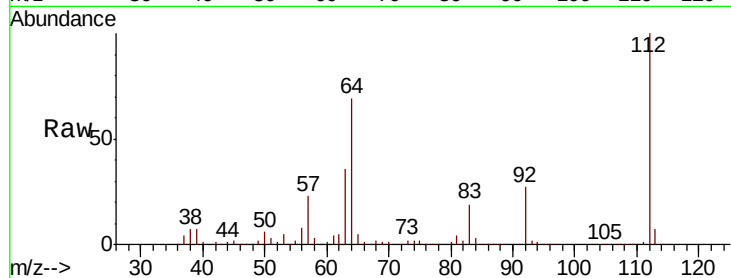
63 35.8 29.7 44.5

Manual Integrations

APPROVED

mohammad

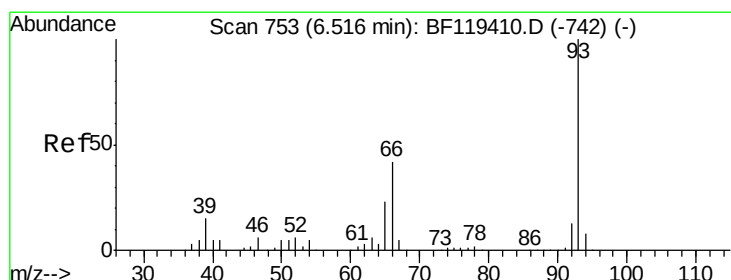
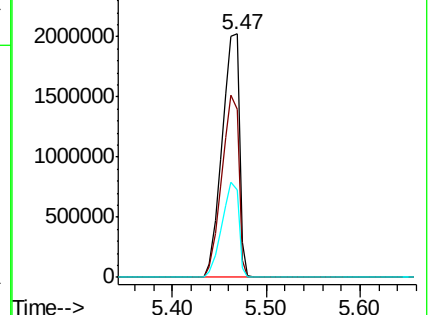
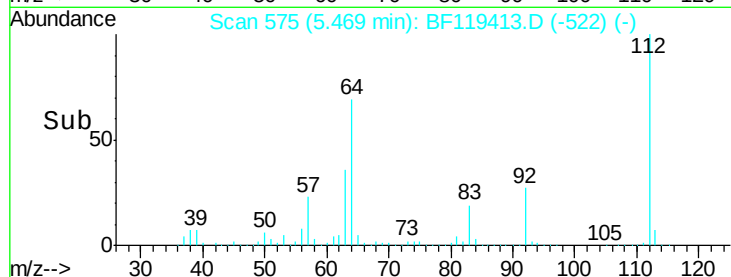
3/19/2020 2:43:51 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 86.632 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

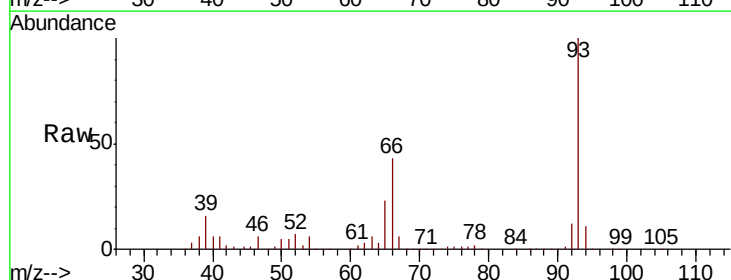
Tgt Ion: 93 Resp: 2393272

Ion Ratio Lower Upper

93 100

66 43.0 34.2 51.4

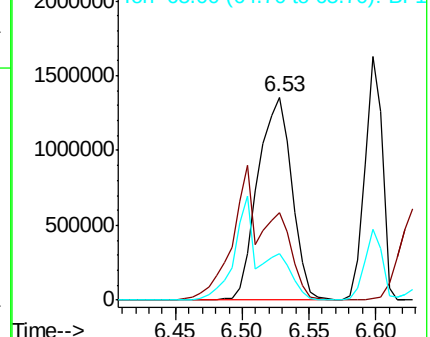
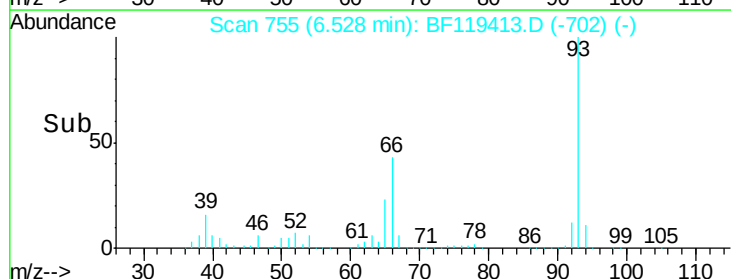
65 23.1 18.2 27.4

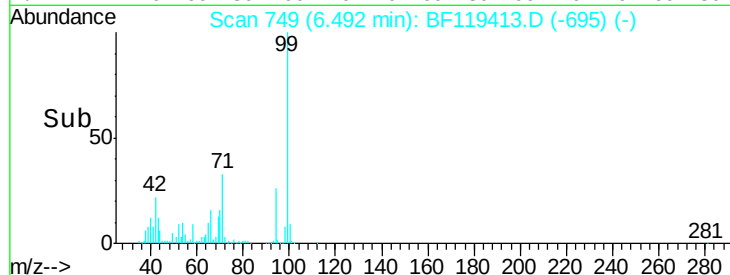
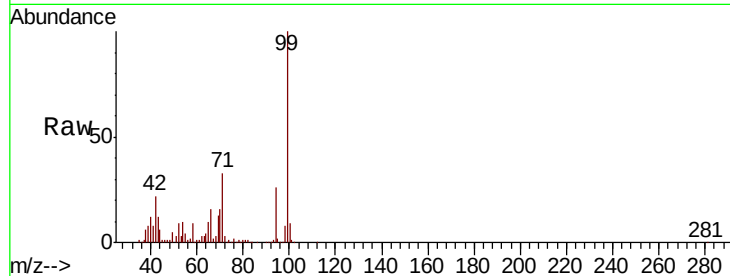
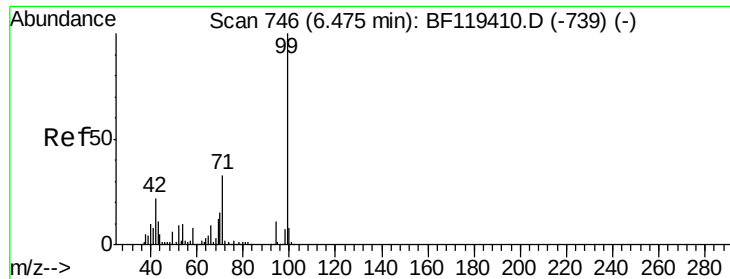


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 148.609 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Tot Ion: 99 Resp: 3327163

Ion Ratio Lower Upper

99 100

42 22.4 17.8 26.6

71 33.3 26.0 39.0

Instrument :

BNA\_F

ClientSampleId :

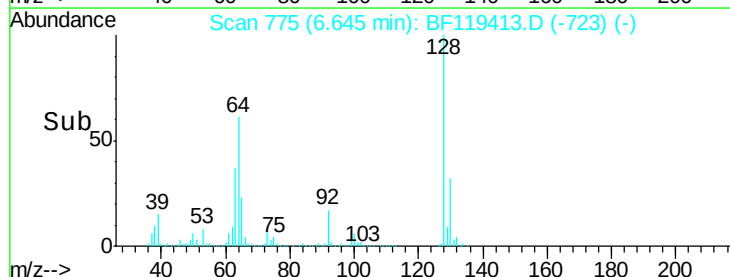
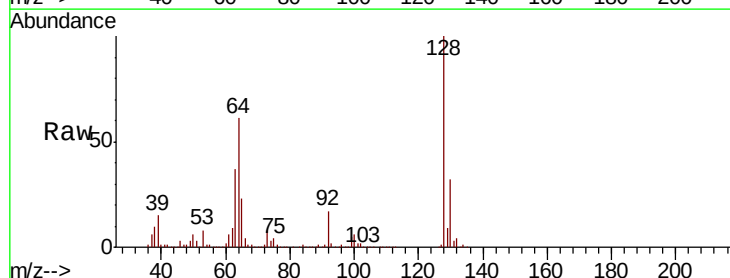
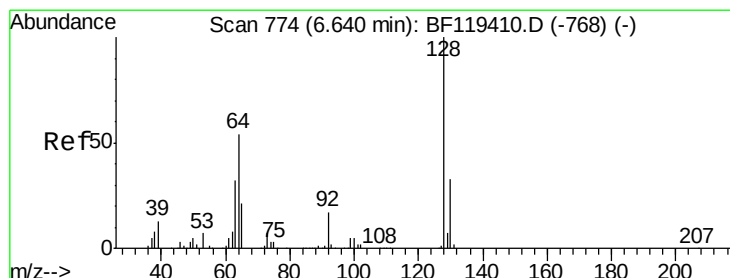
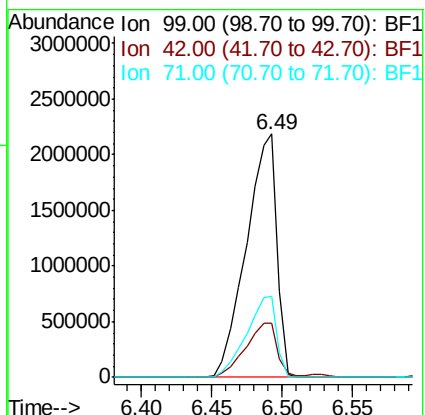
SSTDIC080

Manual Integrations

APPROVED

mohammad

3/19/2020 2:43:51 PM



#8

2-Chlorophenol

Concen: 70.091 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

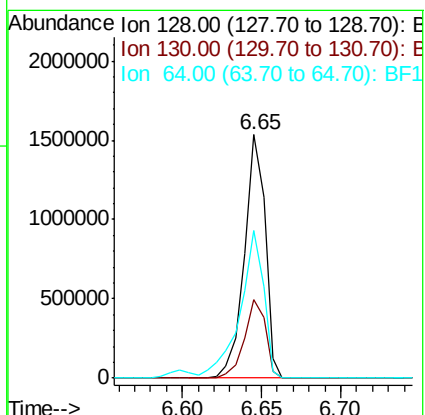
Tgt Ion:128 Resp: 1392477

Ion Ratio Lower Upper

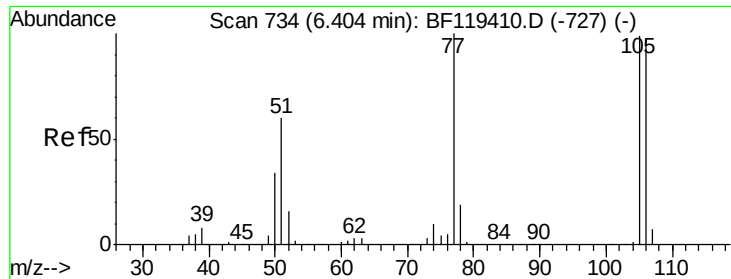
128 100

130 32.5 13.0 53.0

64 60.6 35.1 75.1







#9

Benzaldehyde

Concen: 71.200 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1065020

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

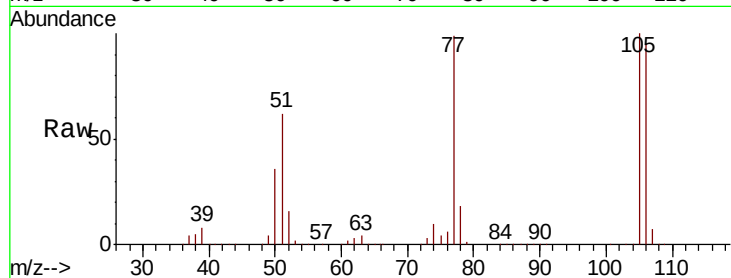
106 95.7 76.5 116.5

Manual Integrations

APPROVED

mohammad

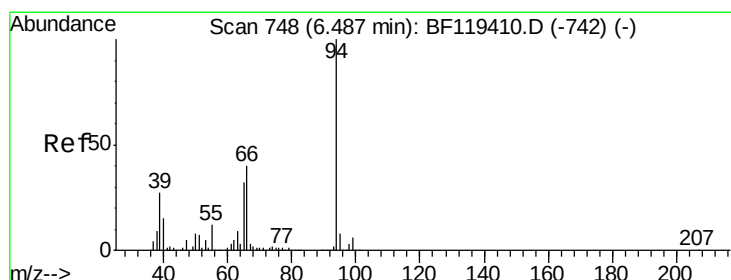
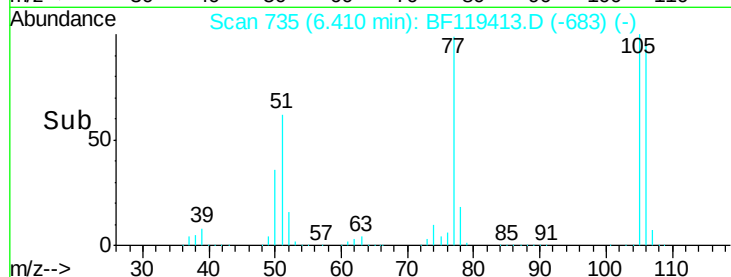
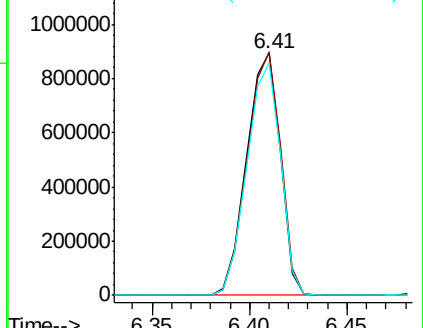
3/19/2020 2:43:51 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 73.336 ng m

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

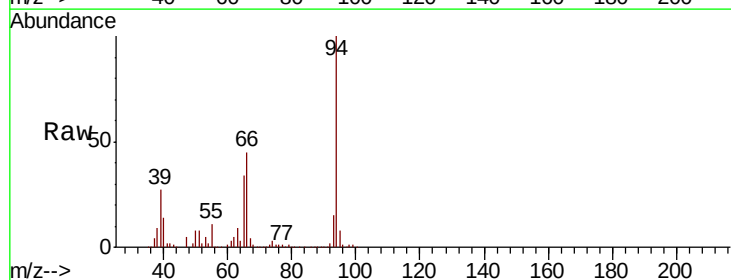
Tgt Ion: 94 Resp: 1775191

Ion Ratio Lower Upper

94 100

65 34.4 12.0 52.0

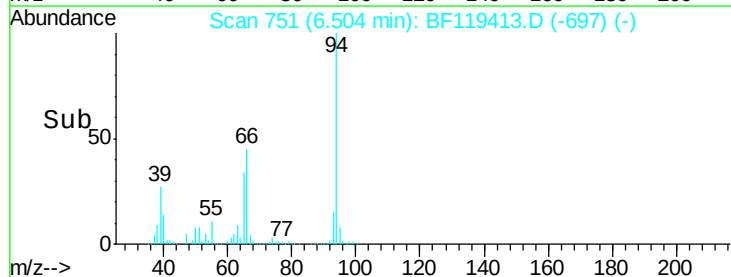
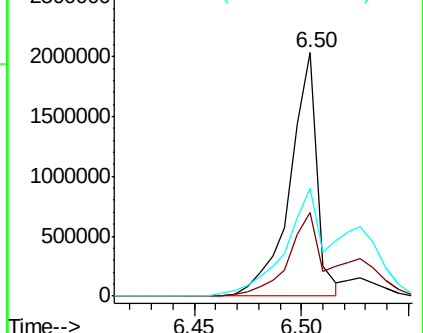
66 44.5 20.6 60.6



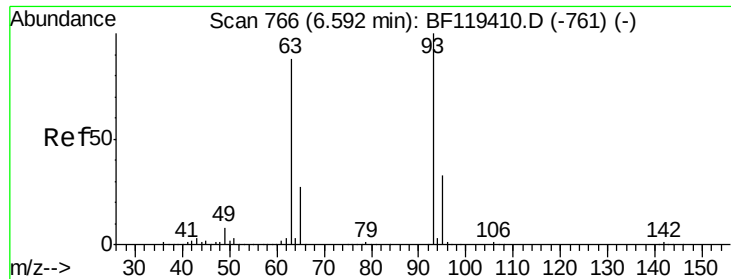
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 79.332 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 93 Resp: 1469328

Ion Ratio Lower Upper

93 100

63 94.2 68.4 108.4

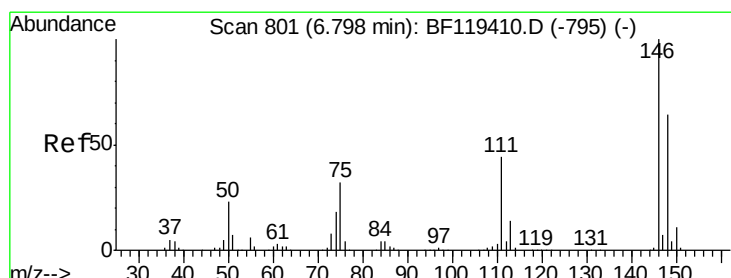
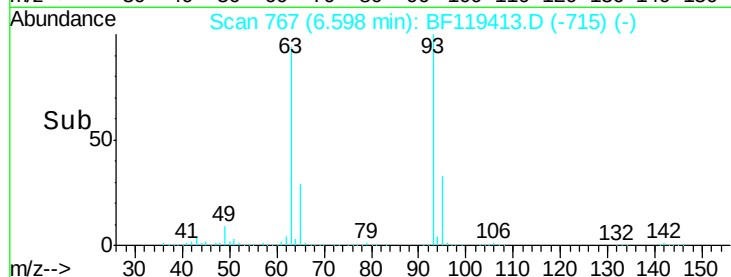
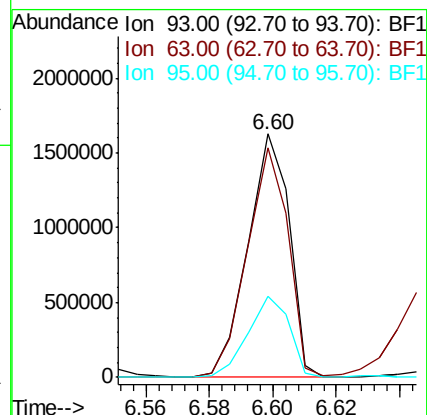
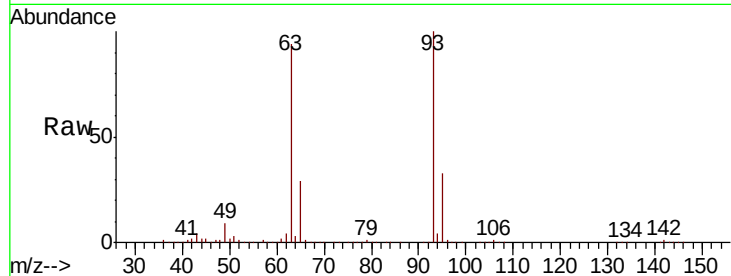
95 33.3 13.4 53.4

Manual Integrations

APPROVED

mohammad

3/19/2020 2:43:51 PM



#12

1,3-Dichlorobenzene

Concen: 63.339 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

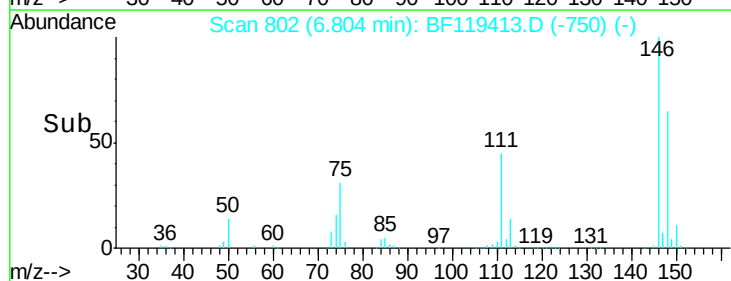
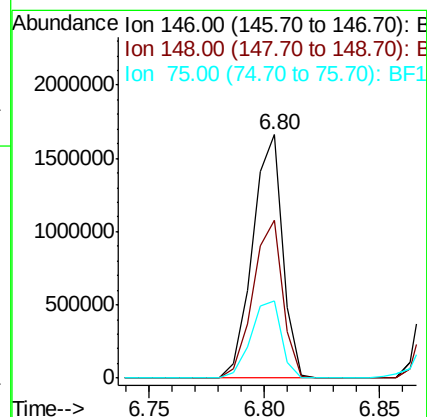
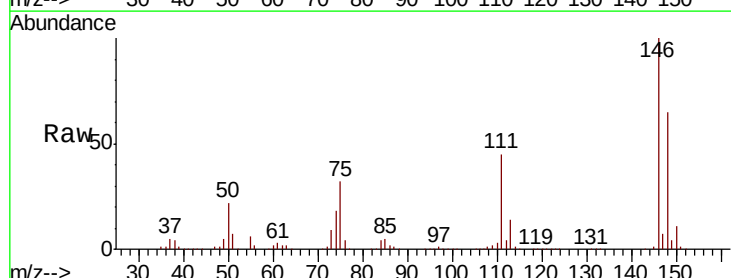
Tgt Ion: 146 Resp: 1508206

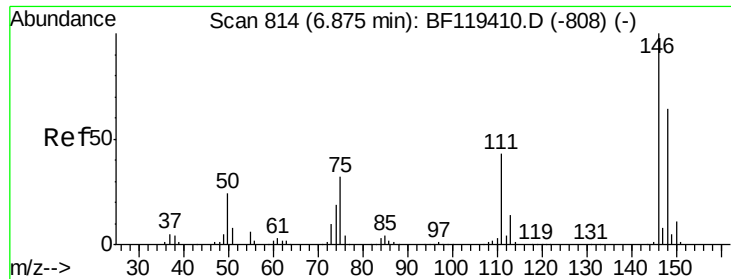
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

75 31.6 25.8 38.8





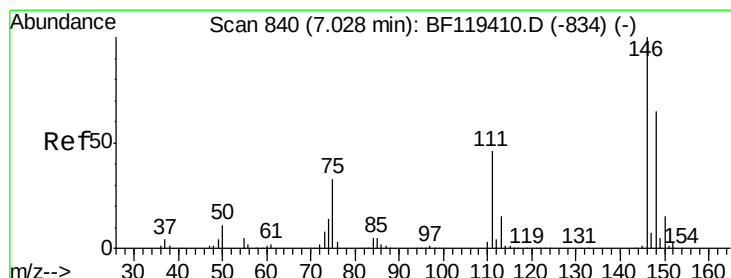
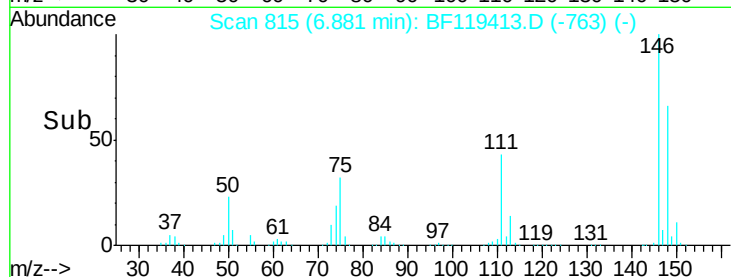
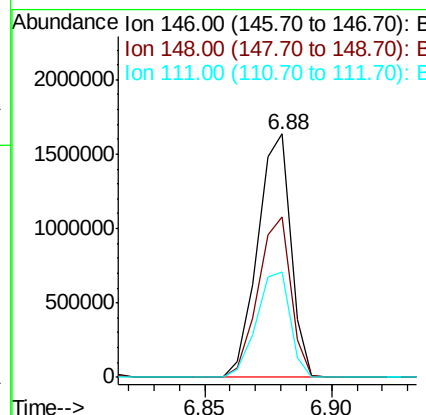
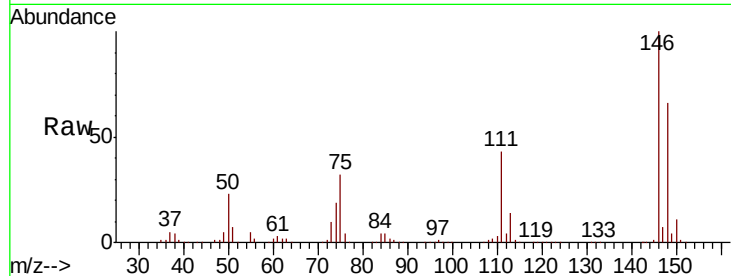
#13  
 1,4-Dichlorobenzene  
 Concen: 62.921 ng  
 RT: 6.88 min Scan# 815  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.1  | 50.9  | 76.3  |
| 111     | 43.1  | 34.6  | 52.0  |

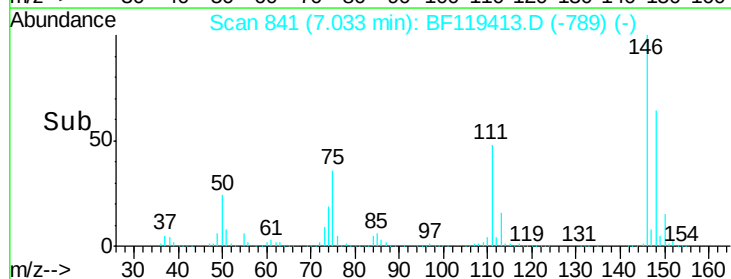
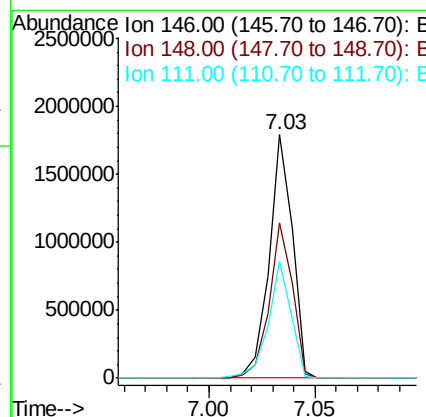
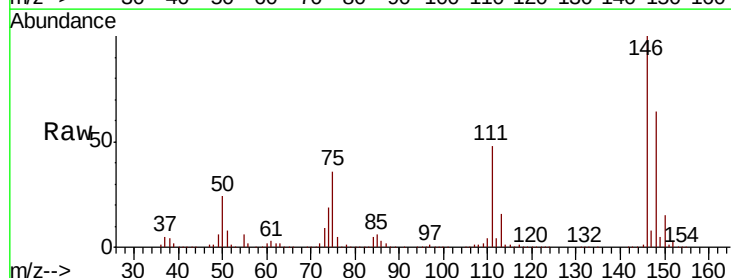
Manual Integrations  
 APPROVED

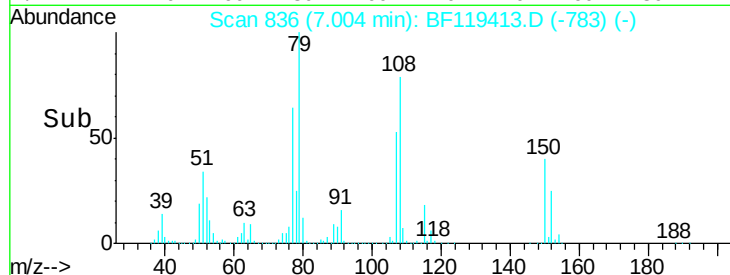
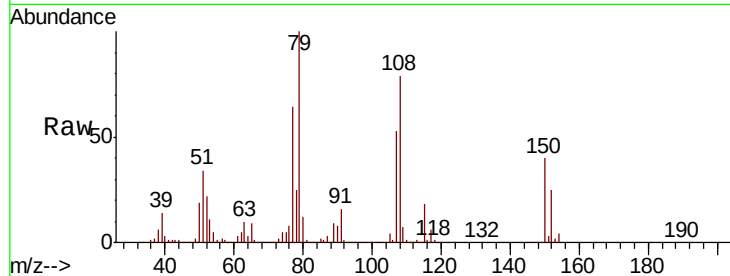
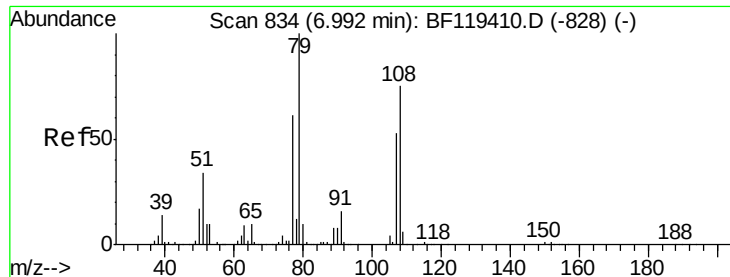
mohammad  
 3/19/2020 2:43:51 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 63.096 ng  
 RT: 7.03 min Scan# 841  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.7  | 77.5  |
| 111     | 48.0  | 36.4  | 54.6  |





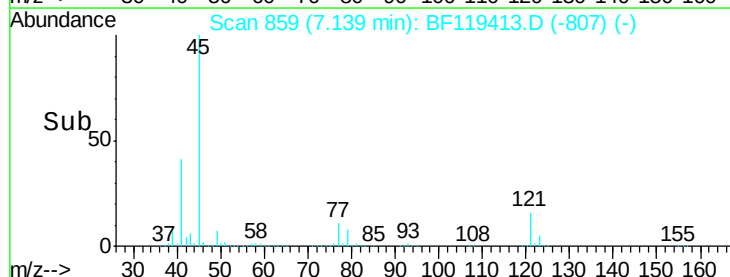
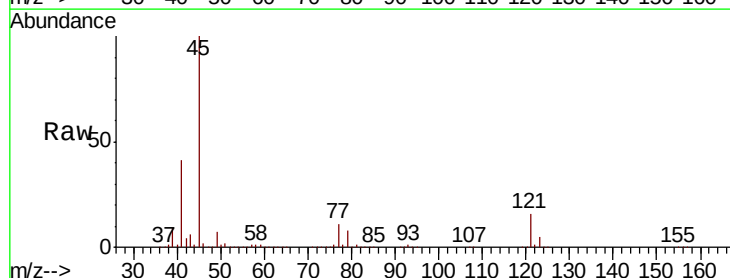
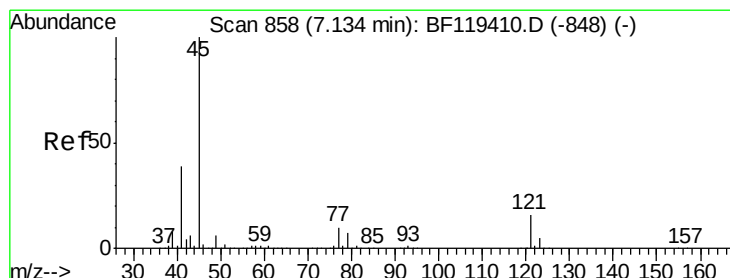
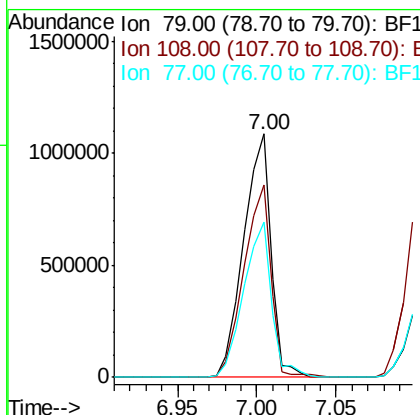
#15  
Benzyl Alcohol  
Concen: 80.063 ng  
RT: 7.00 min Scan# 836  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Tot Ion: 79 Resp: 1295510  
Ion Ratio Lower Upper  
79 100  
108 79.2 60.4 90.6  
77 64.0 49.0 73.4

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

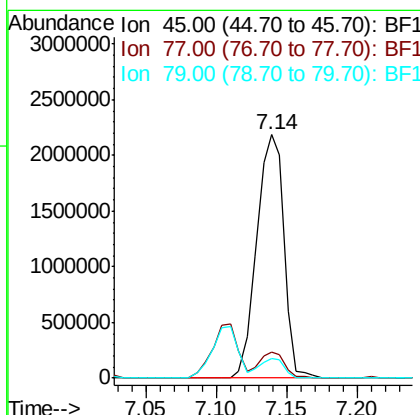
Manual Integrations  
APPROVED

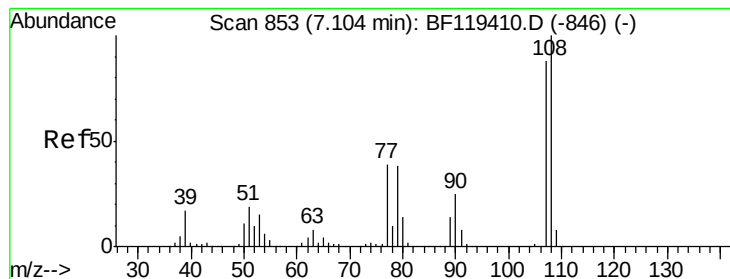
mohammad  
3/19/2020 2:43:51 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 184.724 ng  
RT: 7.14 min Scan# 859  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Tgt Ion: 45 Resp: 2963719  
Ion Ratio Lower Upper  
45 100  
77 10.7 0.0 30.1  
79 8.1 0.0 27.4





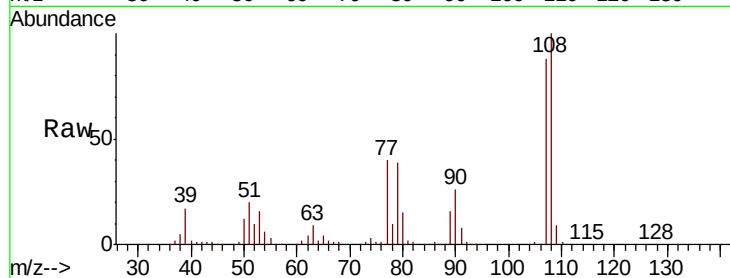
#17  
2-Methylphenol  
Concen: 80.366 ng  
RT: 7.11 min Scan# 854  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.1 | 90.7  | 136.1 |
| 77      | 46.1  | 35.6  | 53.4  |
| 79      | 44.3  | 34.7  | 52.1  |

Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM



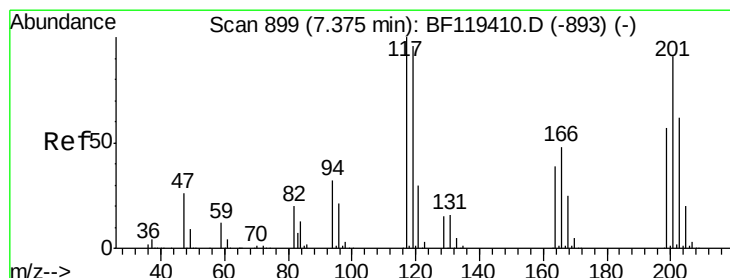
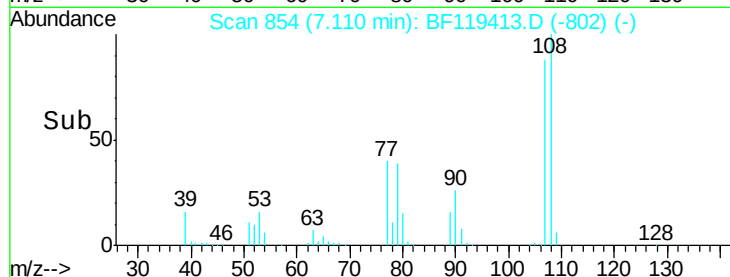
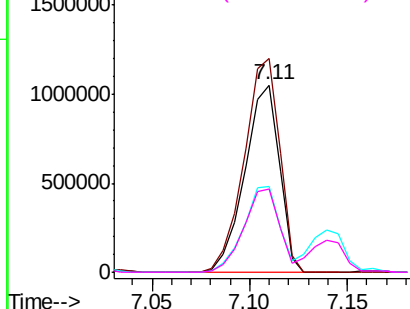
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

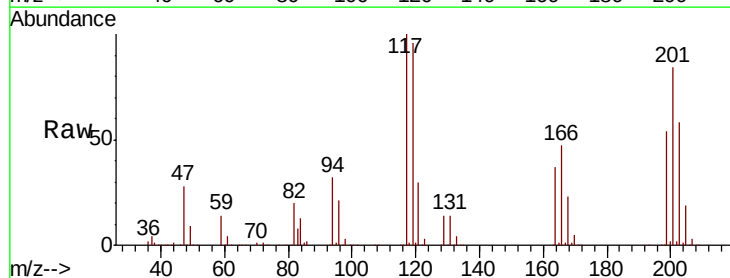
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 68.230 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.8  | 76.8  | 115.2 |
| 201     | 84.3  | 72.5  | 108.7 |

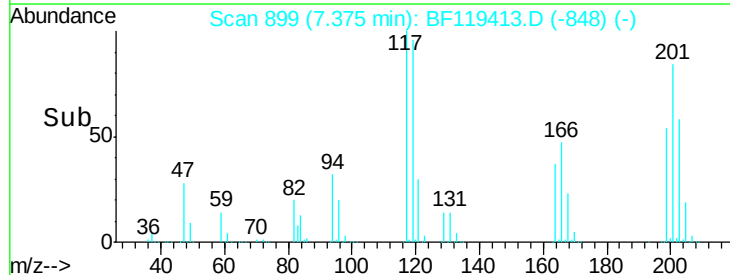
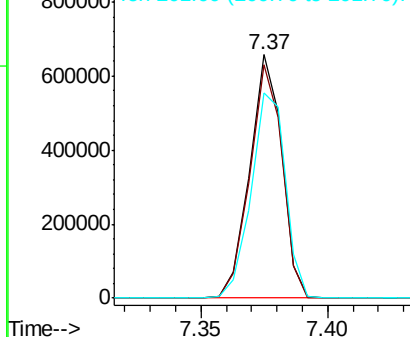


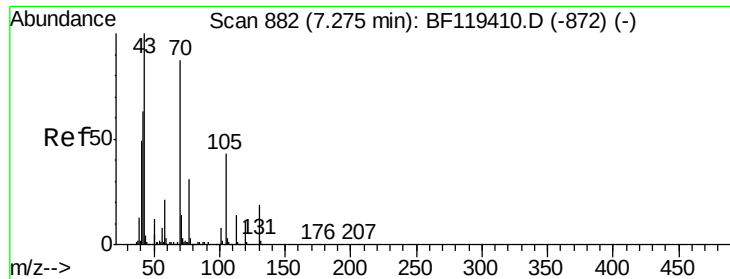
Abundance

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





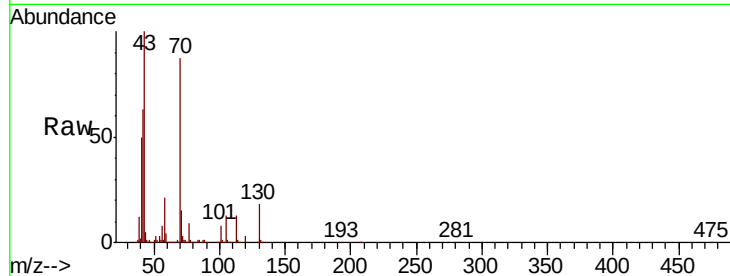
#19  
n-Nitroso-di-n-propylamine  
Concen: 80.909 ng  
RT: 7.29 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

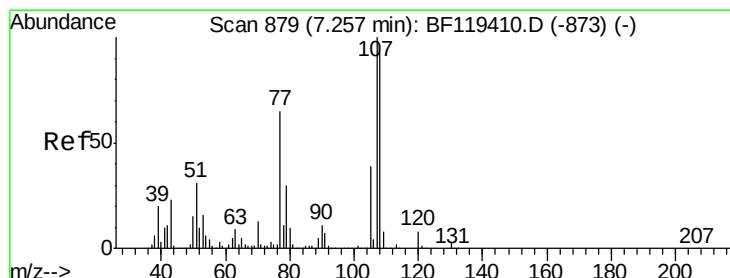
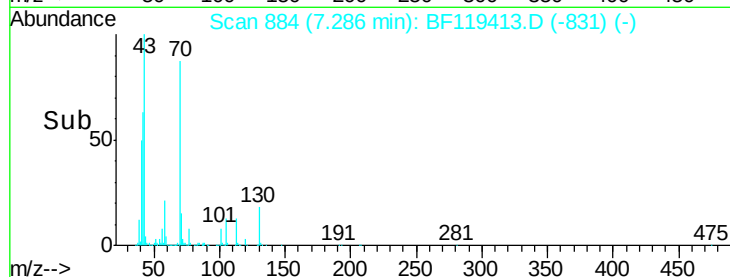
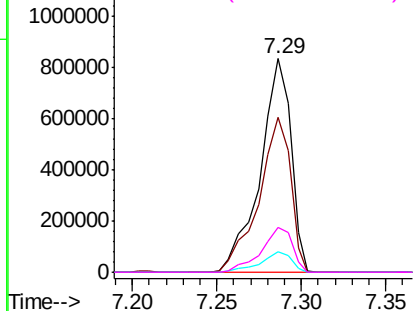
Tot Ion: 70 Resp: 1055531  
Ion Ratio Lower Upper  
70 100  
42 72.6 58.2 87.4  
101 9.4 7.4 11.2  
130 21.1 17.8 26.8

Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM



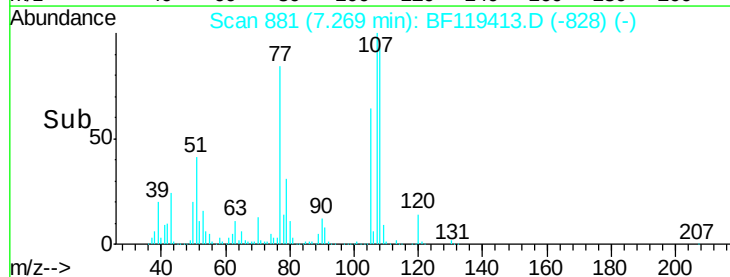
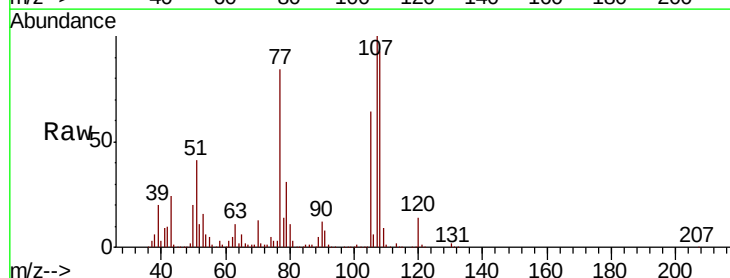
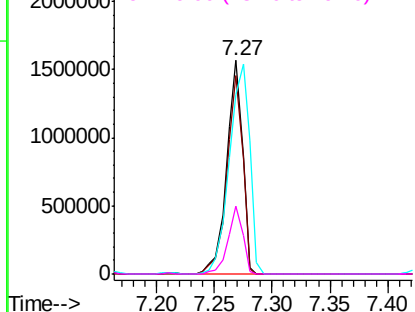
Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

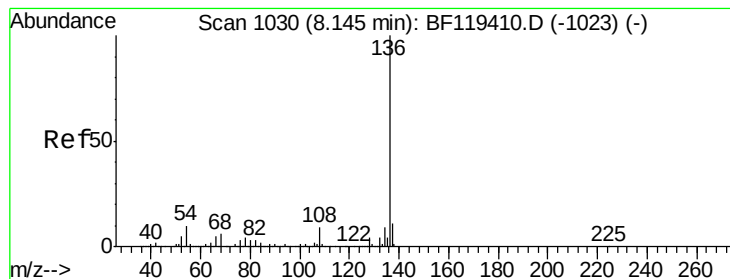


#20  
3+4-Methylphenols  
Concen: 75.699 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Tgt Ion:107 Resp: 1493805  
Ion Ratio Lower Upper  
107 100  
108 92.7 72.6 112.6  
77 84.1 44.7 84.7  
79 31.5 10.2 50.2

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:136 Resp: 1047015

Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.6 8.3 12.5

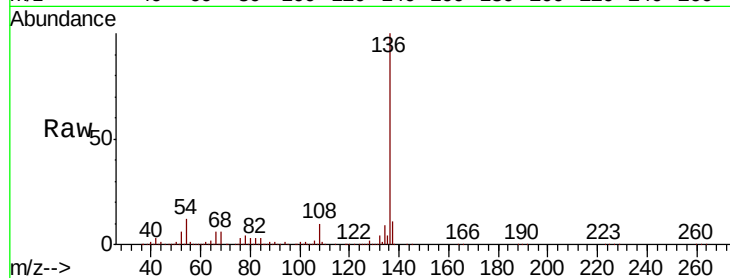
68 6.2 4.9 7.3

Manual Integrations

APPROVED

mohammad

3/19/2020 2:43:51 PM

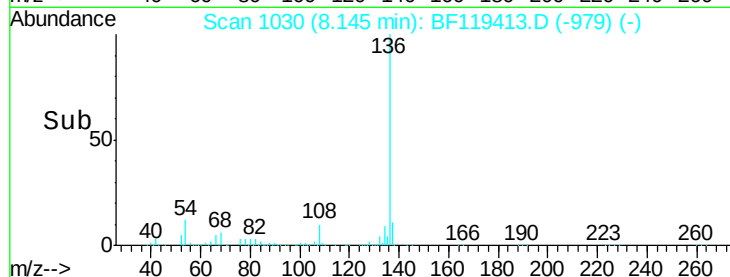


Abundance Ion 136.00 (135.70 to 136.70): E

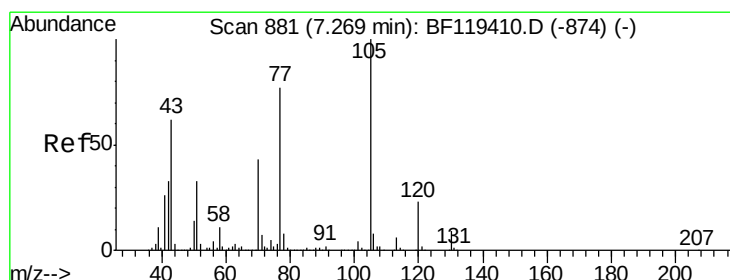
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 73.492 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Tgt Ion:105 Resp: 1780354

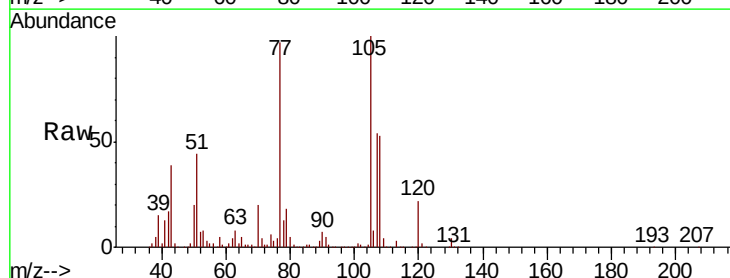
Ion Ratio Lower Upper

105 100

71 3.7 5.8 8.6#

51 44.3 26.8 40.2#

120 22.2 18.0 27.0

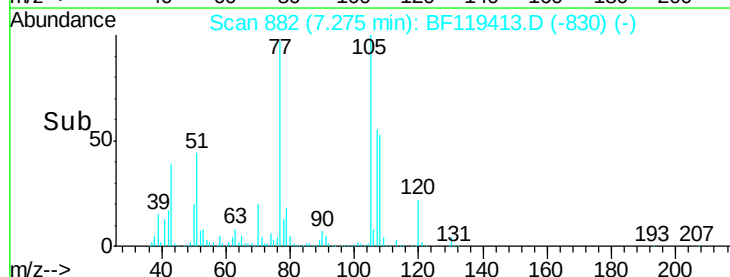


Abundance Ion 105.00 (104.70 to 105.70): E

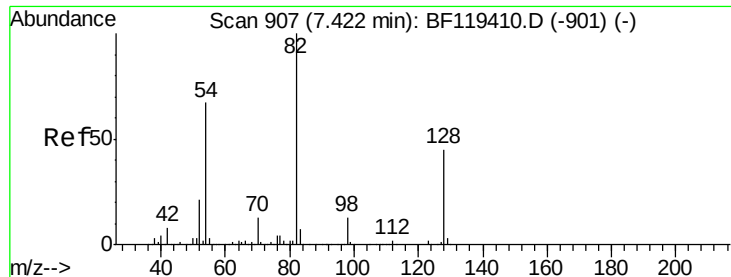
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



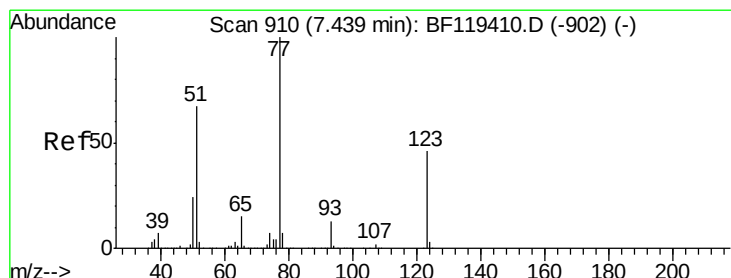
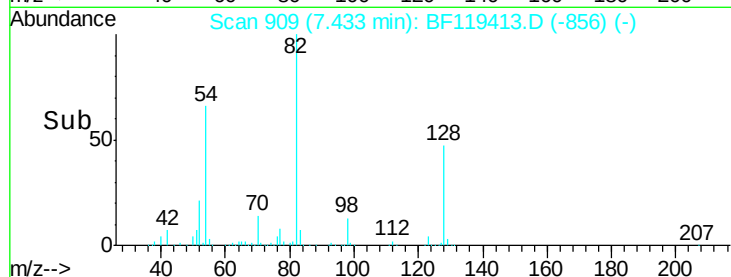
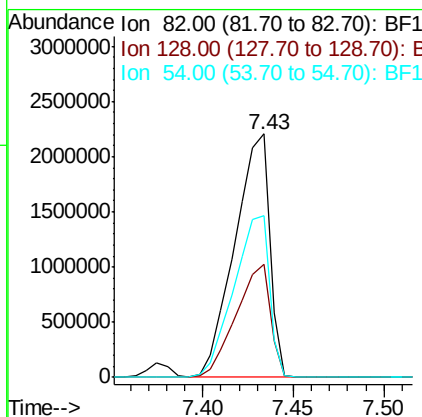
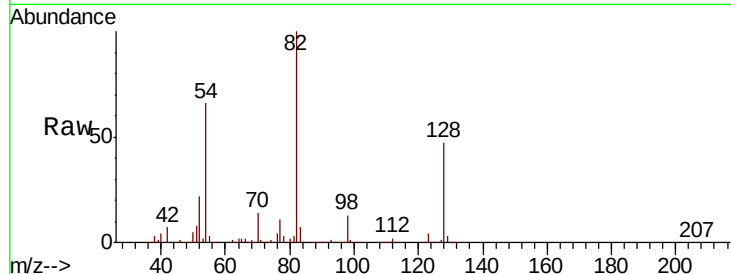
#23  
Nitrobenzene-d5  
Concen: 149.282 ng  
RT: 7.43 min Scan# 909  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.6  | 35.8  | 53.8  |
| 54      | 66.4  | 53.4  | 80.0  |

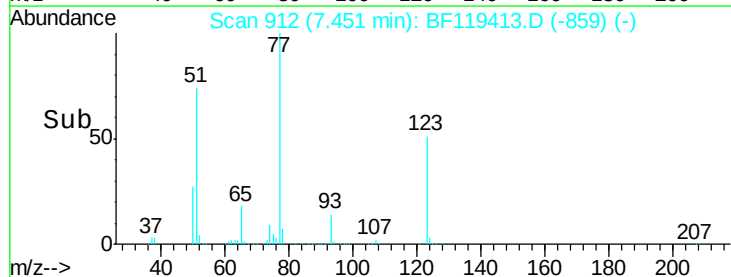
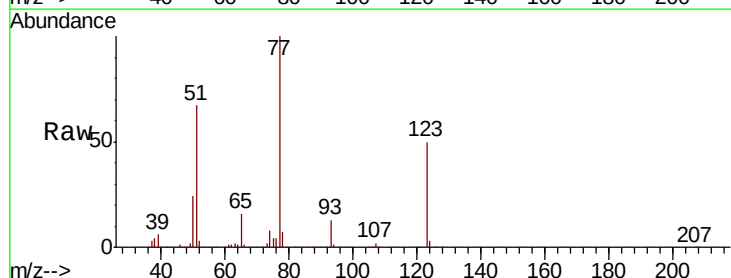
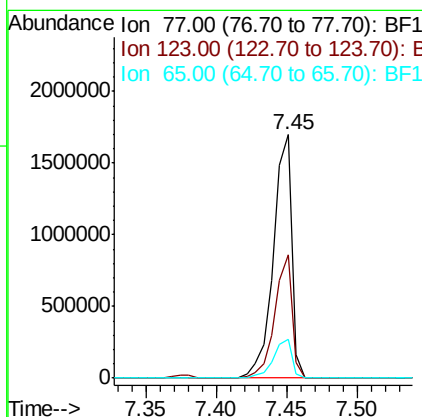
Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM

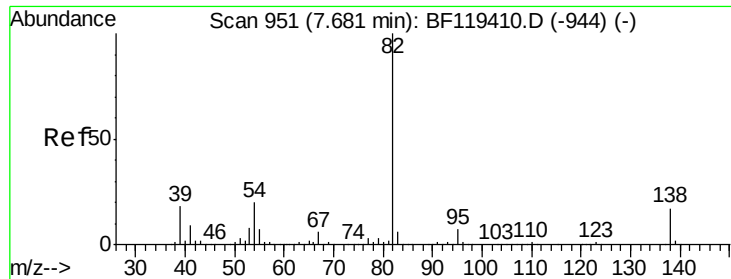


#24  
Nitrobenzene  
Concen: 79.488 ng  
RT: 7.45 min Scan# 912  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.5  | 36.9  | 55.3  |
| 65      | 15.7  | 12.2  | 18.4  |







#25

Isophorone

Concen: 86.082 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2964536

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

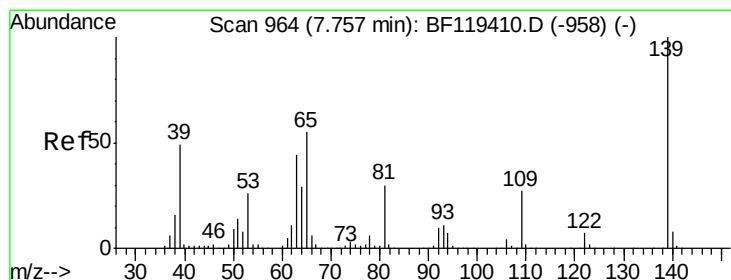
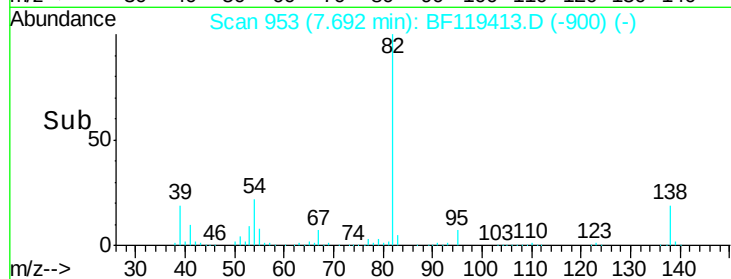
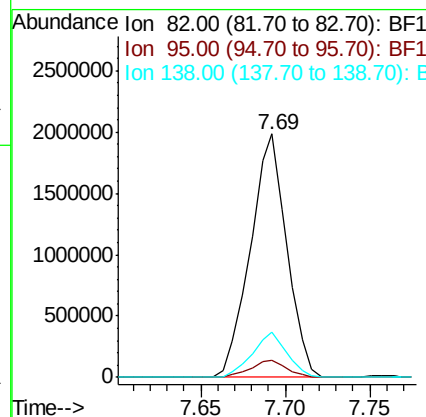
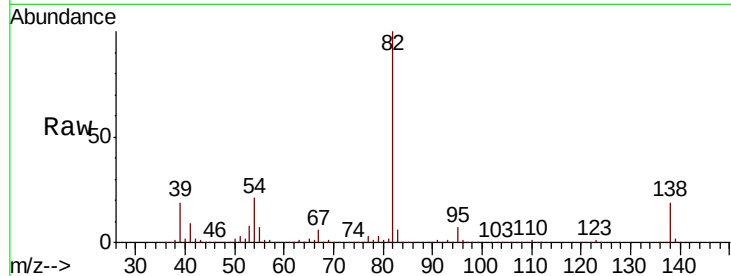
138 18.5 13.8 20.8

Manual Integrations

APPROVED

mohammad

3/19/2020 2:43:51 PM



#26

2-Nitrophenol

Concen: 67.224 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

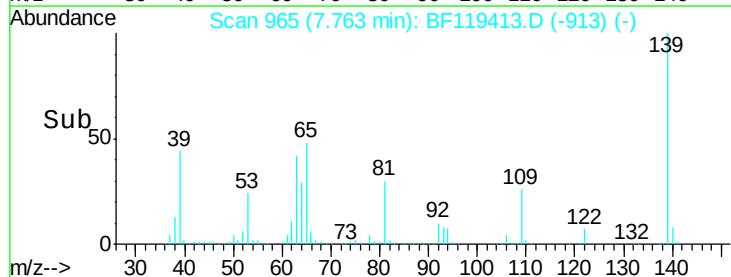
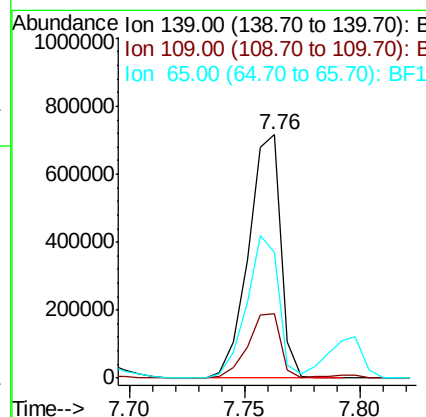
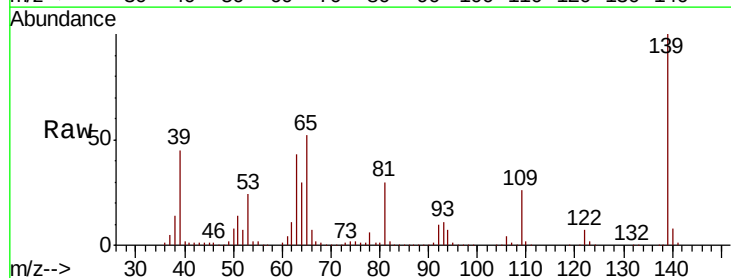
Tgt Ion: 139 Resp: 698462

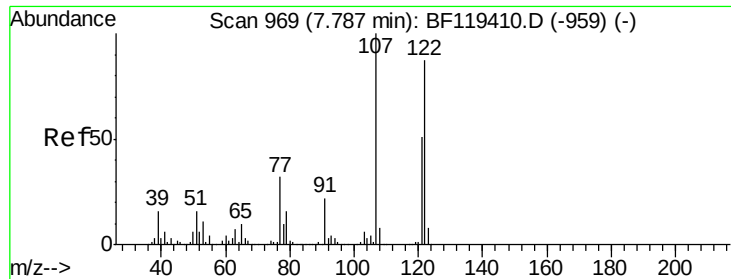
Ion Ratio Lower Upper

139 100

109 26.3 21.7 32.5

65 51.8 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 87.873 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF119413.D

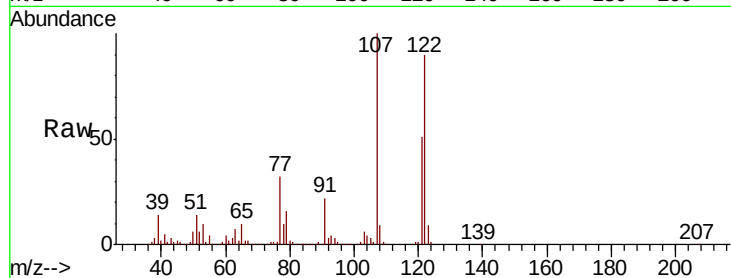
Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080



Tot Ion:122 Resp: 1239119

Ion Ratio Lower Upper

122 100

107 111.3 91.8 137.6

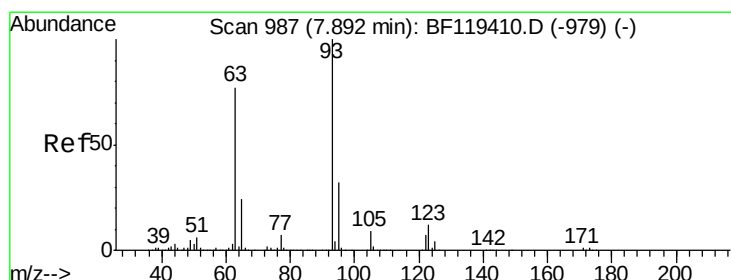
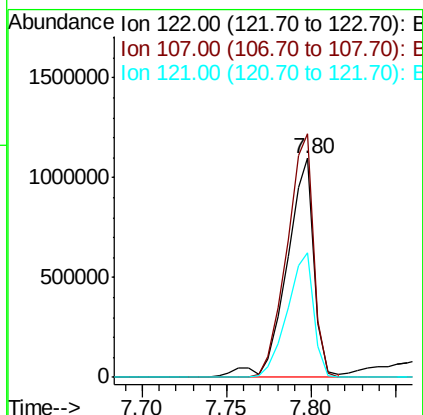
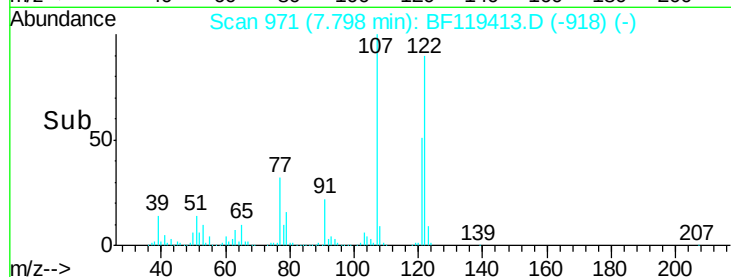
121 57.1 46.5 69.7

Manual Integrations

APPROVED

mohammad

3/19/2020 2:43:51 PM



#28

bis(2-Chloroethoxy)methane

Concen: 76.400 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

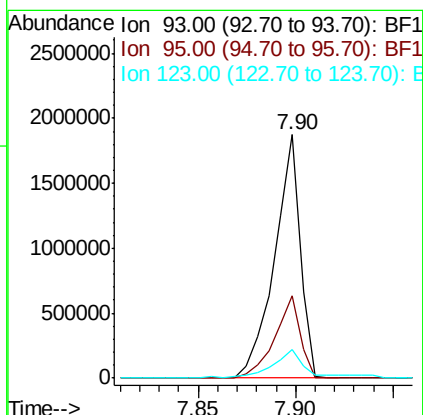
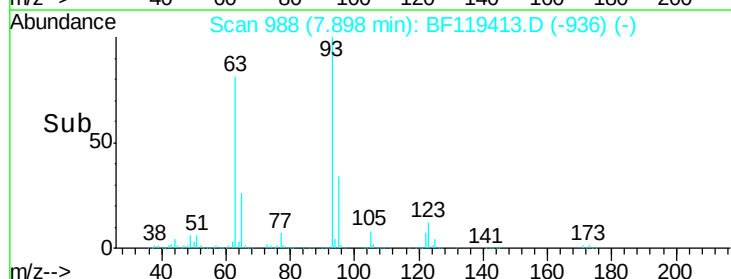
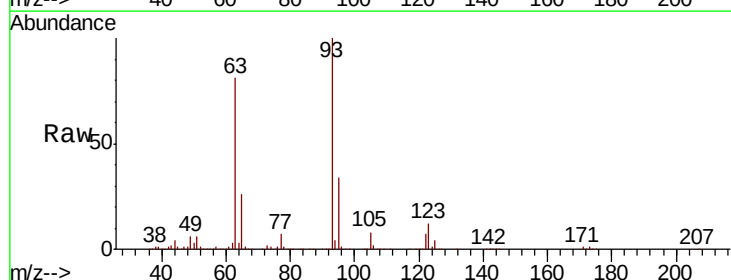
Tgt Ion: 93 Resp: 1712580

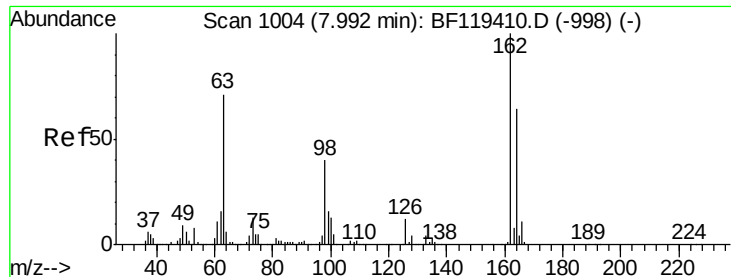
Ion Ratio Lower Upper

93 100

95 33.9 26.0 39.0

123 11.9 9.7 14.5





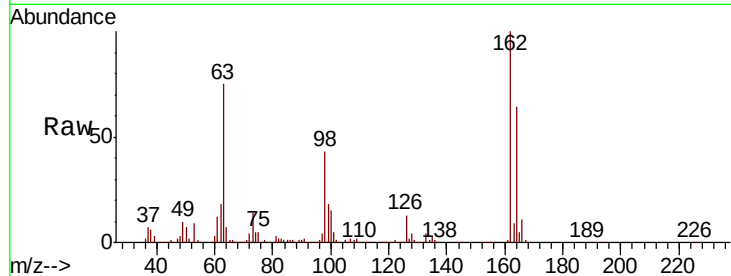
#29  
2,4-Dichlorophenol  
Concen: 69.824 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 43.6  | 83.6  |
| 98      | 42.9  | 20.4  | 60.4  |

Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM

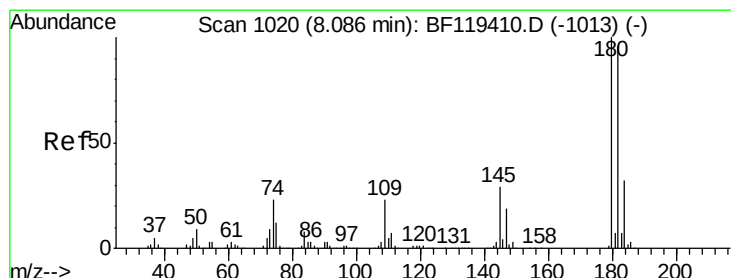
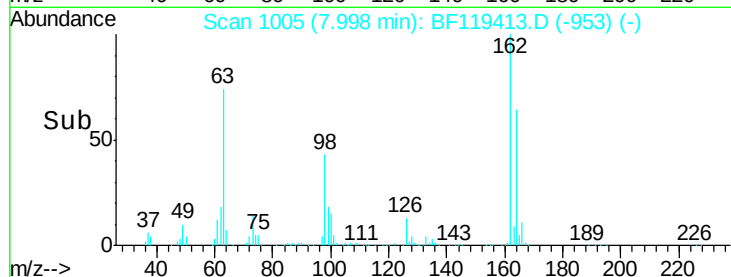
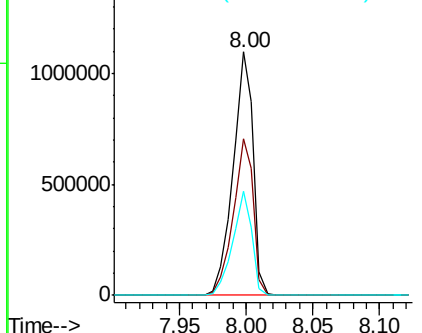


Abundance

Ion 162.00 (161.70 to 162.70): E

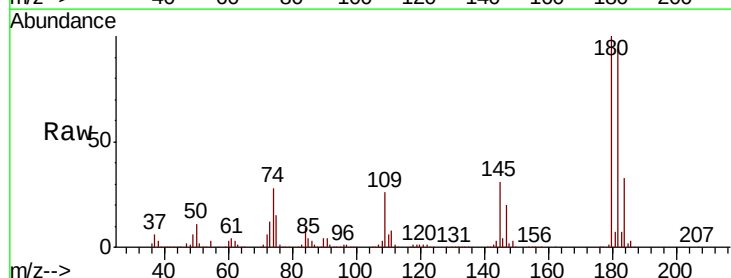
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 63.890 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 76.6  | 115.0 |
| 145     | 31.2  | 23.2  | 34.8  |

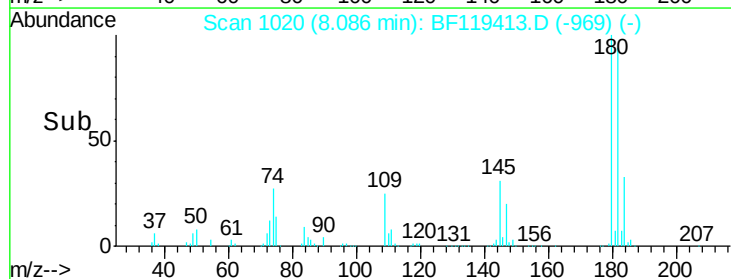
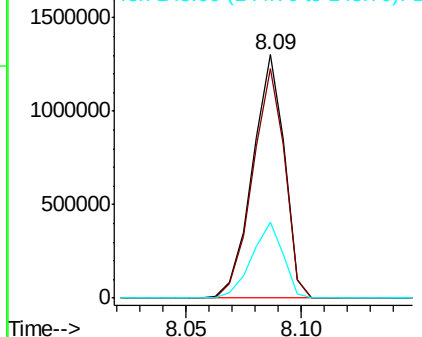


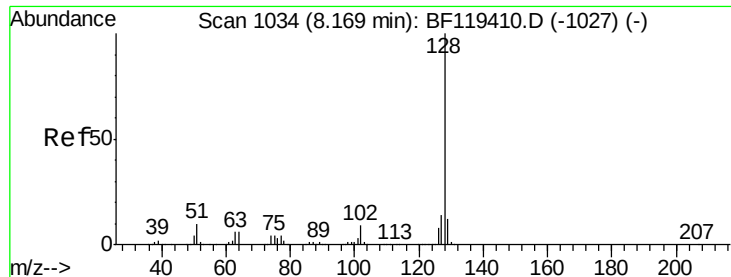
Abundance

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





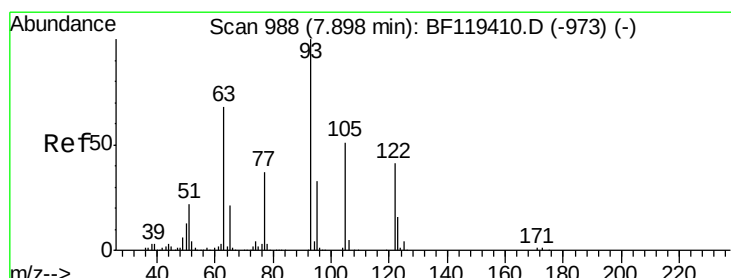
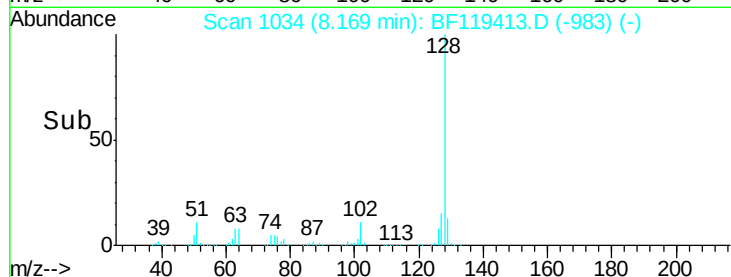
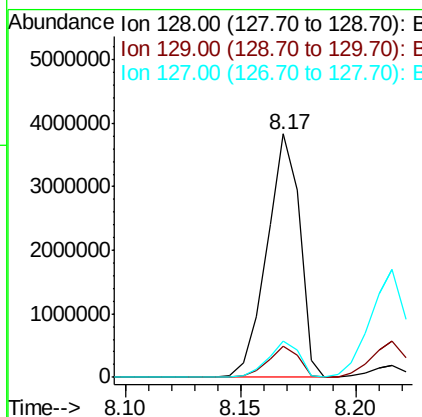
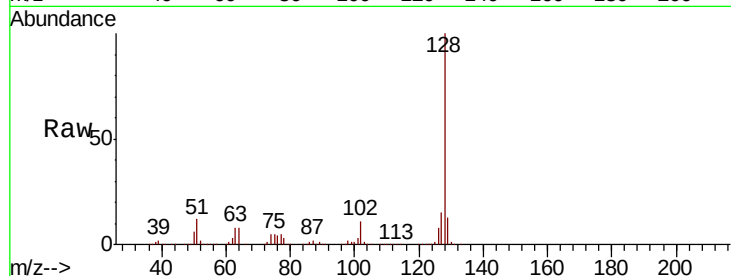
#31  
Naphthalene  
Concen: 69.289 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 13.0  | 9.3   | 13.9  |
| 127     | 15.1  | 11.0  | 16.4  |

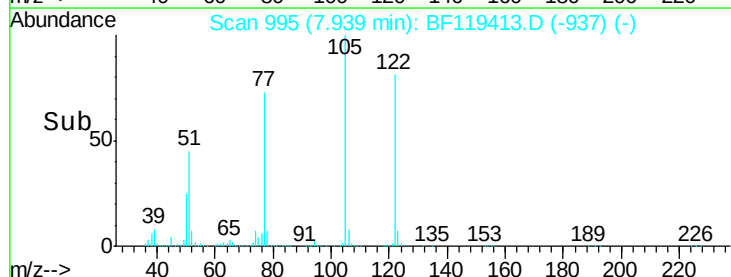
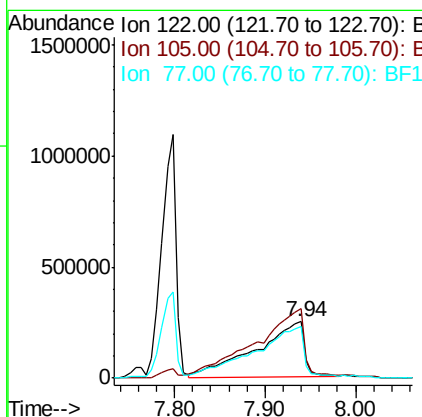
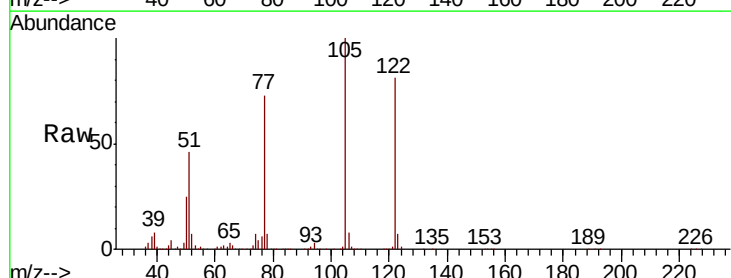
Manual Integrations  
APPROVED

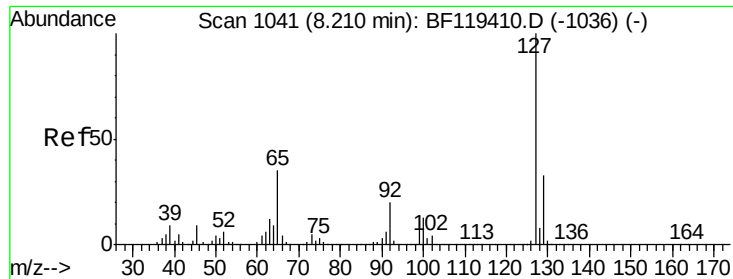
mohammad  
3/19/2020 2:43:51 PM



#32  
Benzoic acid  
Concen: 94.788 ng  
RT: 7.94 min Scan# 995  
Delta R.T. 0.04 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.7 | 102.9 | 142.9 |
| 77      | 90.6  | 70.1  | 110.1 |





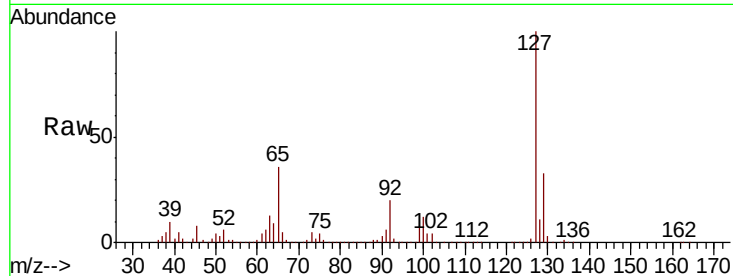
#33  
 4-Chloroaniline  
 Concen: 76.275 ng  
 RT: 8.22 min Scan# 1042  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

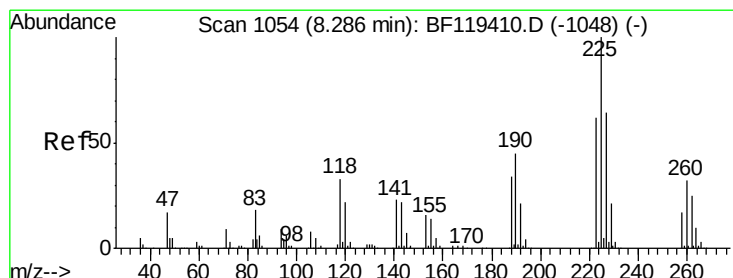
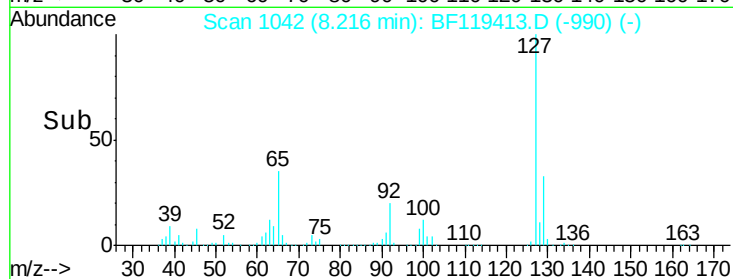
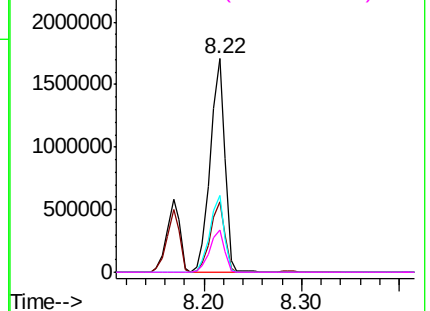
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 127     | 100  |       |       |       |
| 129     | 33.0 | 26.2  | 39.4  |       |
| 65      | 36.1 | 27.7  | 41.5  |       |
| 92      | 19.7 | 15.8  | 23.6  |       |

Manual Integrations  
 APPROVED

mohammad  
 3/19/2020 2:43:51 PM



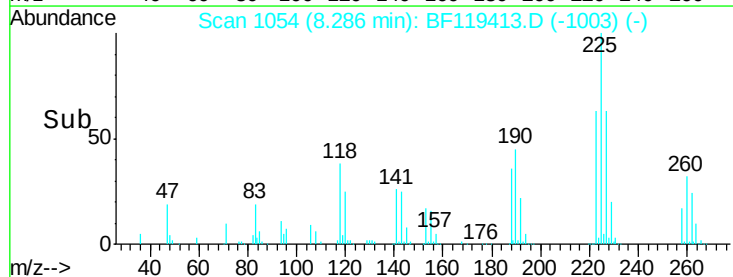
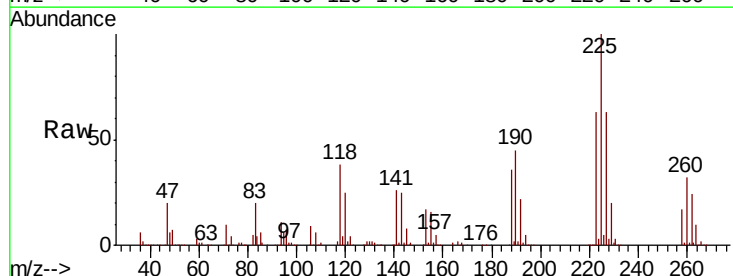
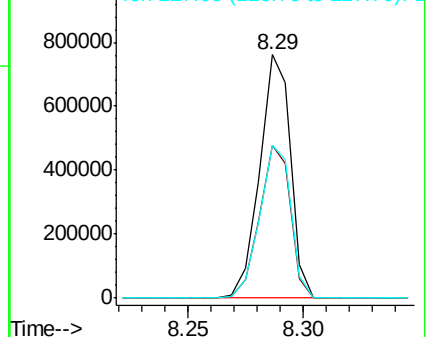
Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1

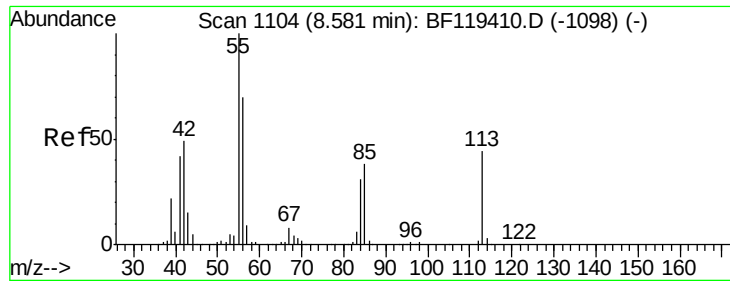


#34  
 Hexachlorobutadiene  
 Concen: 57.768 ng  
 RT: 8.29 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 225     | 100  |       |       |       |
| 223     | 62.9 | 49.2  | 73.8  |       |
| 227     | 62.8 | 51.1  | 76.7  |       |

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





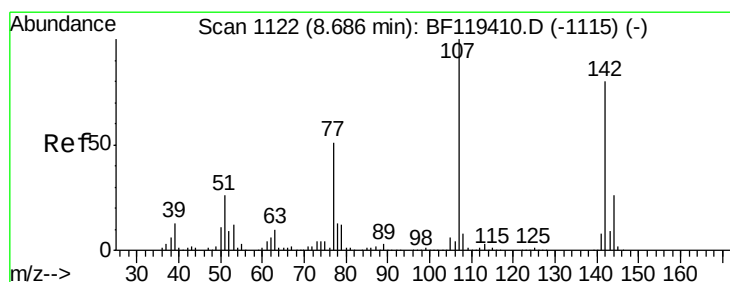
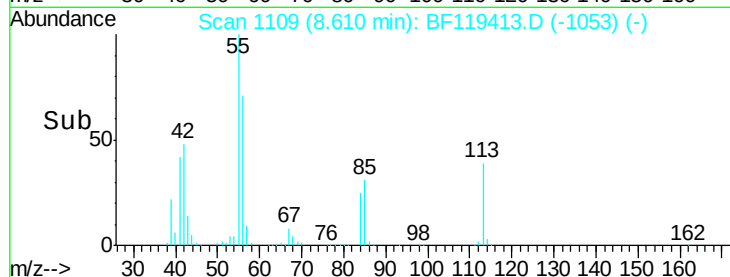
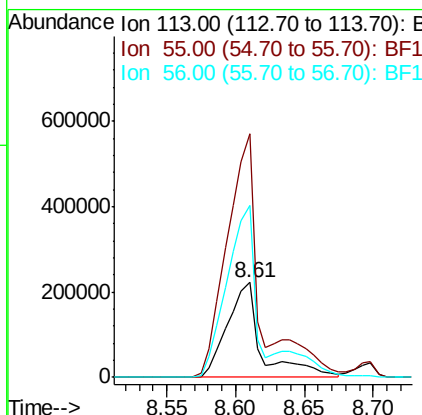
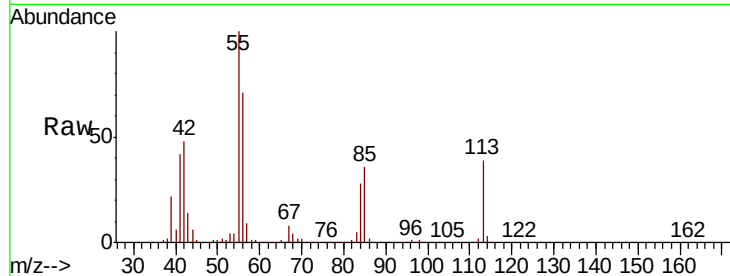
#35  
Caprolactam  
Concen: 74.787 ng/ml  
RT: 8.61 min Scan# 1109  
Delta R.T. 0.03 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 257.1 | 208.4 | 248.4# |
| 56      | 181.8 | 138.9 | 178.9# |

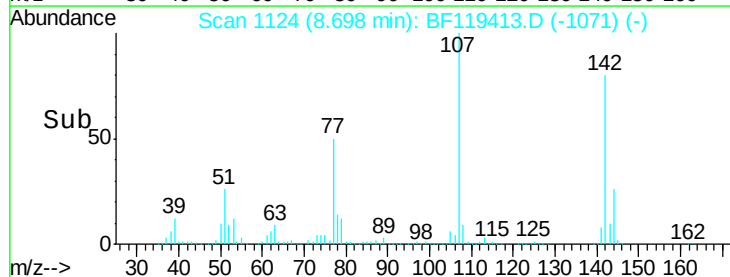
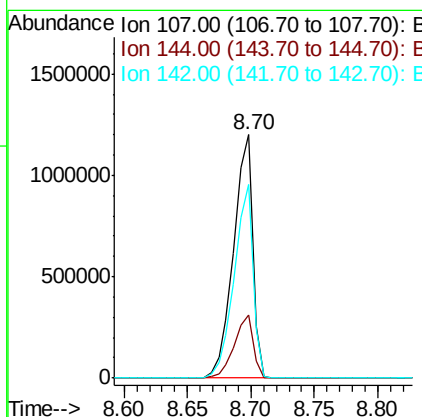
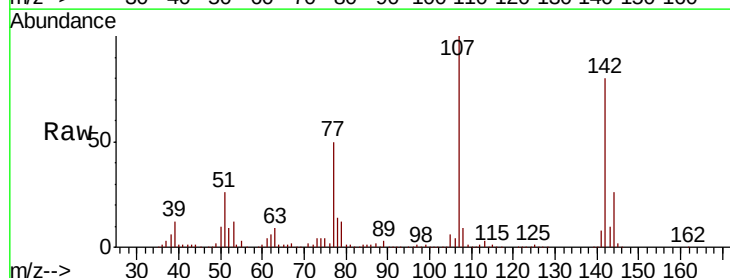
Manual Integrations  
APPROVED

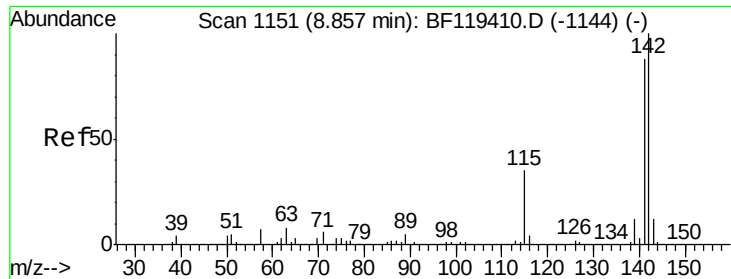
mohammad  
3/19/2020 2:43:51 PM



#36  
4-Chloro-3-methylphenol  
Concen: 74.685 ng/ml  
RT: 8.70 min Scan# 1124  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.0  | 20.6  | 31.0  |
| 142     | 79.6  | 63.8  | 95.6  |





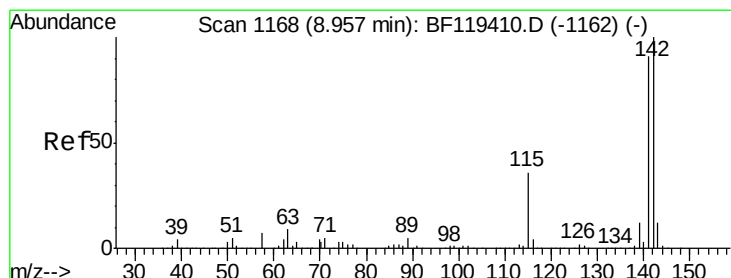
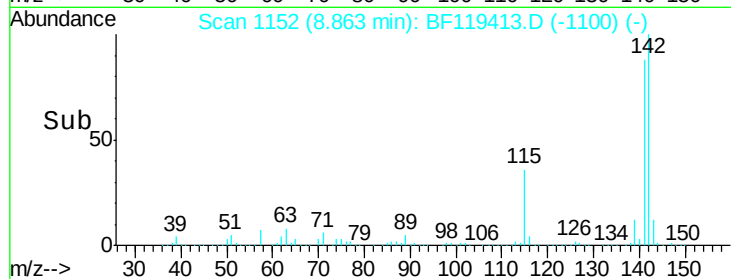
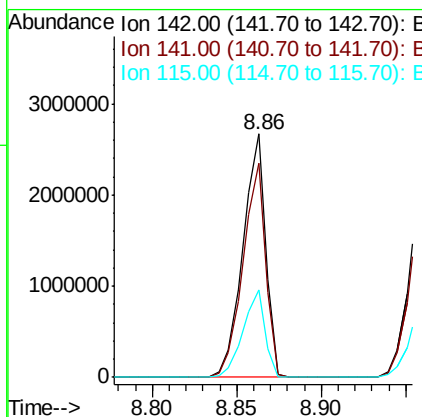
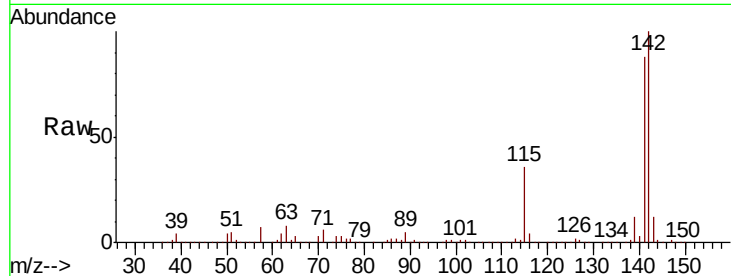
#37  
2-Methylnaphthalene  
Concen: 68.891 ng  
RT: 8.86 min Scan# 1152  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.4  | 105.6 |
| 115     | 36.0  | 27.8  | 41.6  |

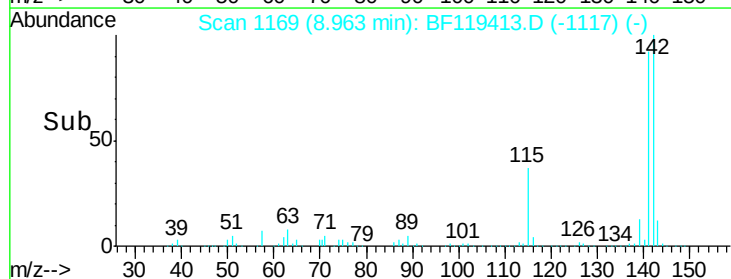
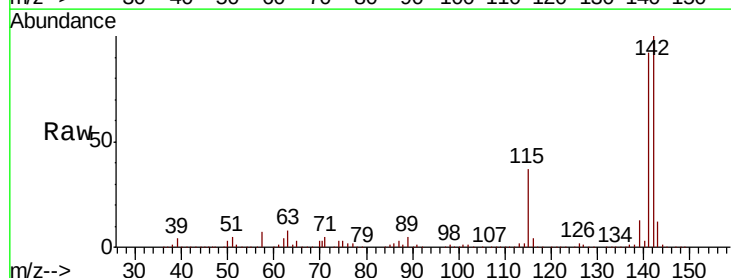
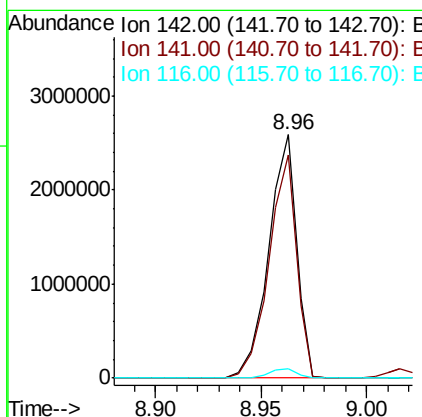
Manual Integrations  
APPROVED

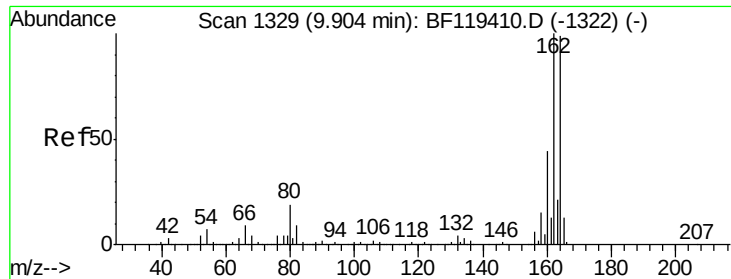
mohammad  
3/19/2020 2:43:51 PM



#38  
1-Methylnaphthalene  
Concen: 69.192 ng  
RT: 8.96 min Scan# 1169  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 73.1  | 109.7 |
| 116     | 3.8   | 3.0   | 4.6   |





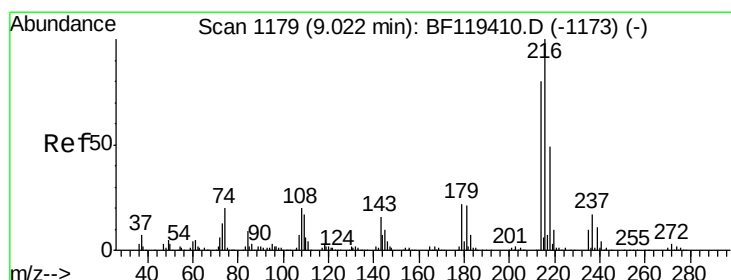
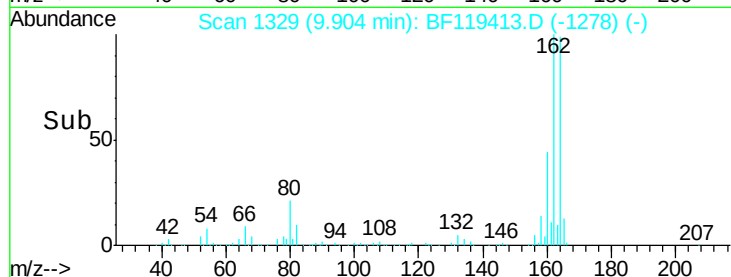
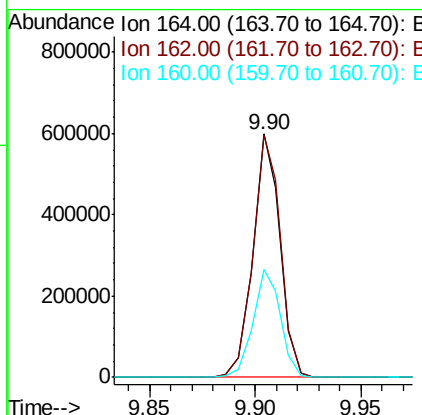
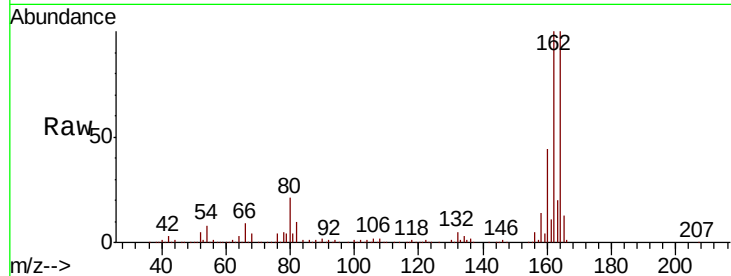
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1329  
Delta R.T. -0.00 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 99.6  | 80.7 | 121.1 |       |
| 160     | 44.2  | 35.5 | 53.3  |       |

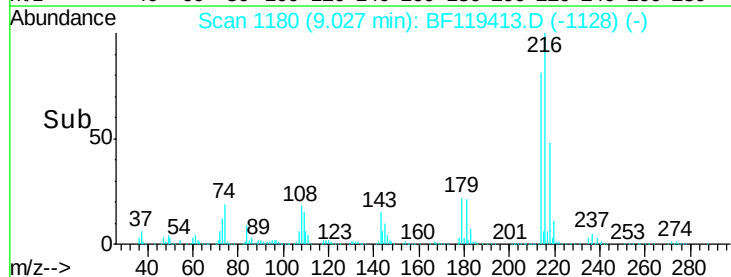
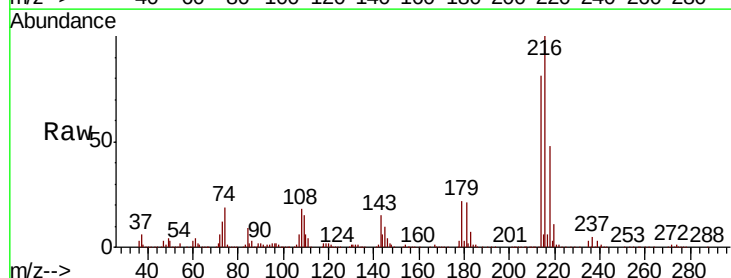
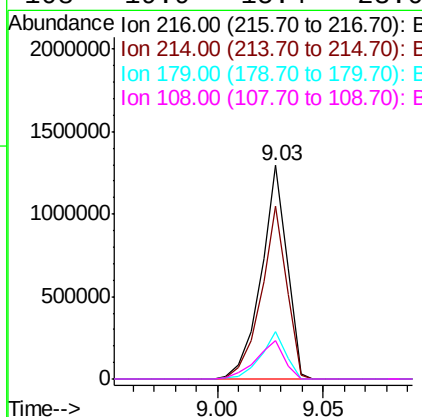
Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM

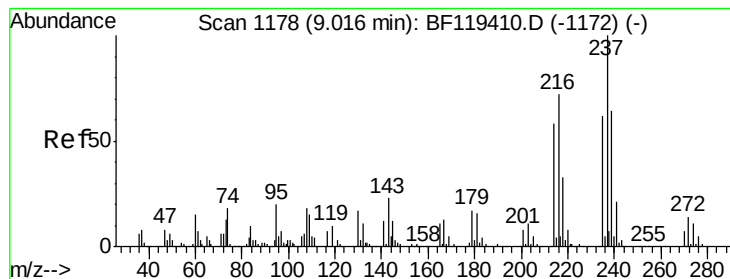


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 61.523 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.8  | 63.0 | 94.6  |       |
| 179     | 21.6  | 17.0 | 25.4  |       |
| 108     | 19.9  | 15.4 | 23.0  |       |







#41

Hexachlorocyclopentadiene

Concen: 130.102 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

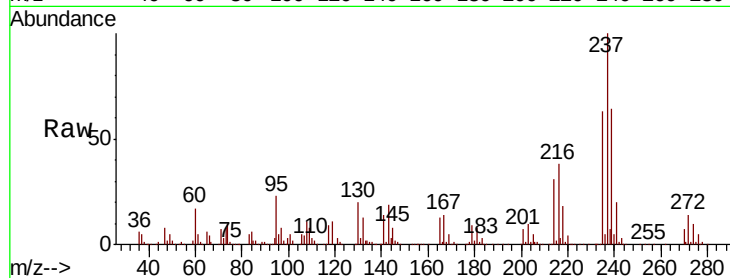
ClientSampleId :

SSTDICC080

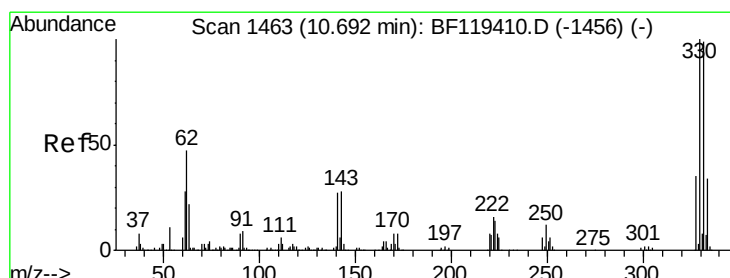
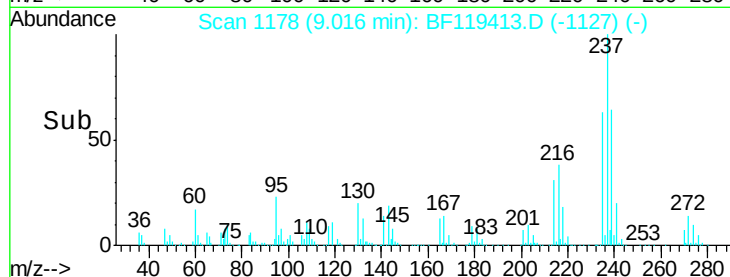
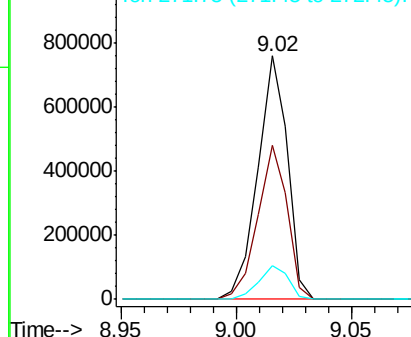
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 681740 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.0  | 42.5  | 82.5   |
| 272       | 13.6  | 0.0   | 34.3   |

Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM



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: 117.641 ng

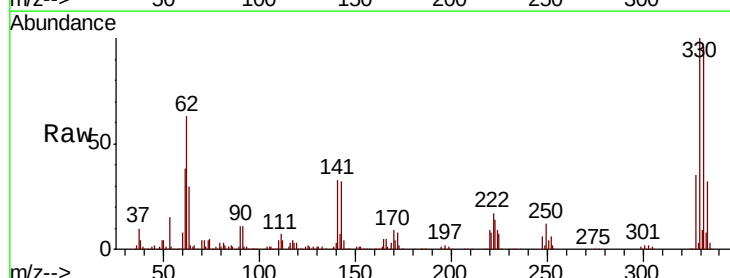
RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

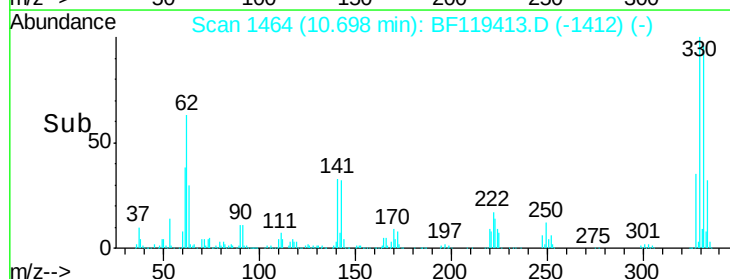
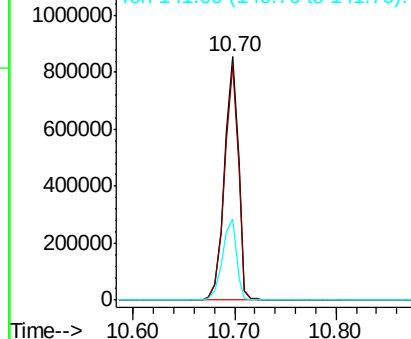
Lab File: BF119413.D

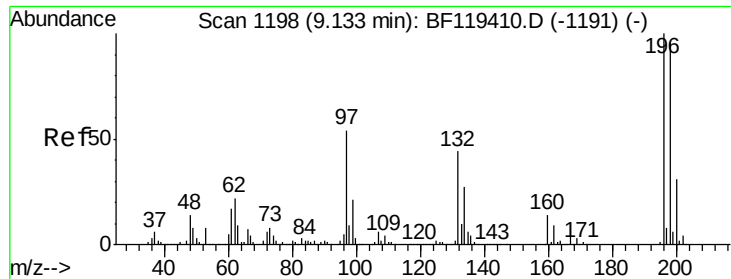
Acq: 18 Mar 2020 13:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 815561 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.8  | 77.6  | 116.4  |
| 141       | 33.5  | 26.6  | 40.0   |



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





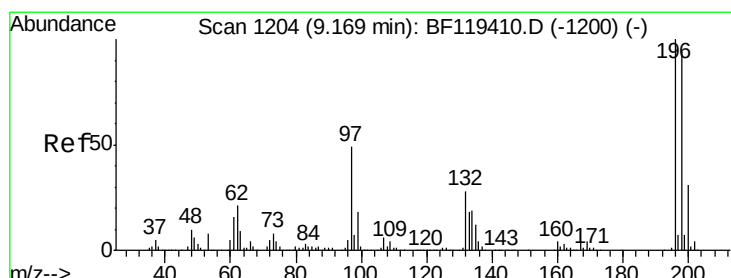
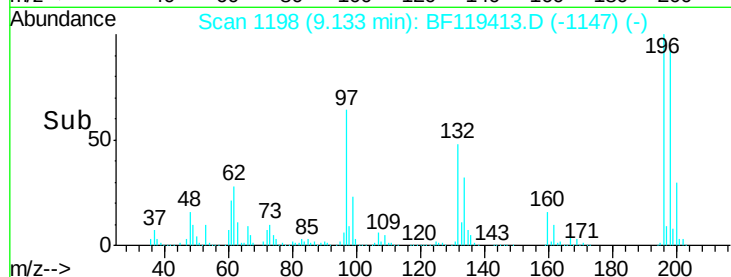
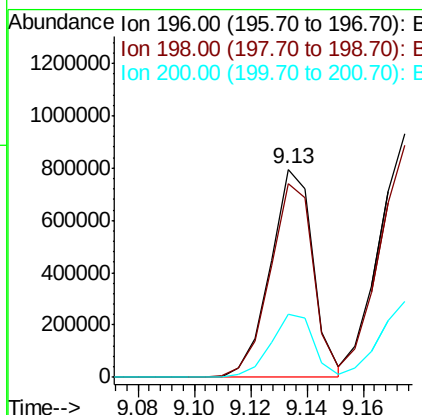
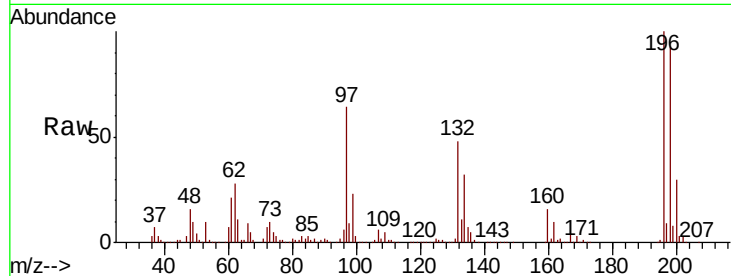
#43  
 2,4,6-Trichlorophenol  
 Concen: 74.002 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.00 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 834987 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.0  | 77.0  | 115.4  |
| 200       | 30.3  | 25.1  | 37.7   |

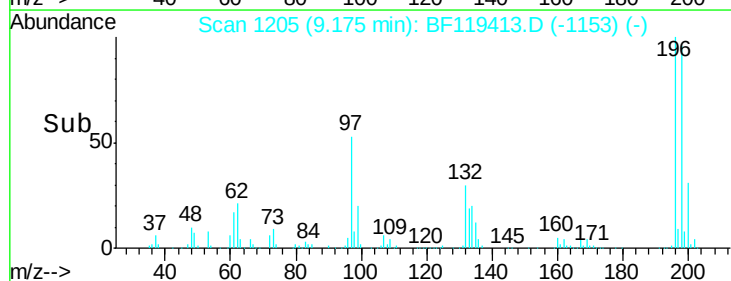
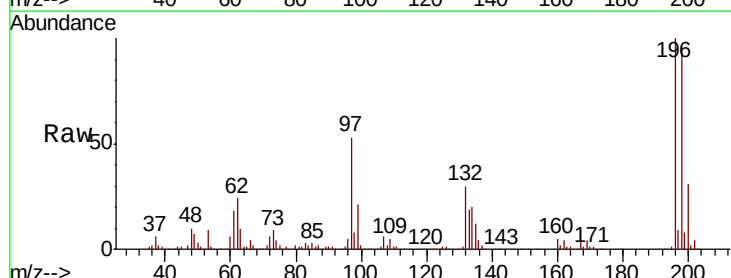
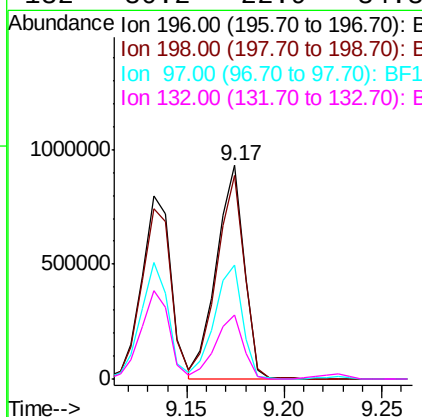
Manual Integrations  
 APPROVED

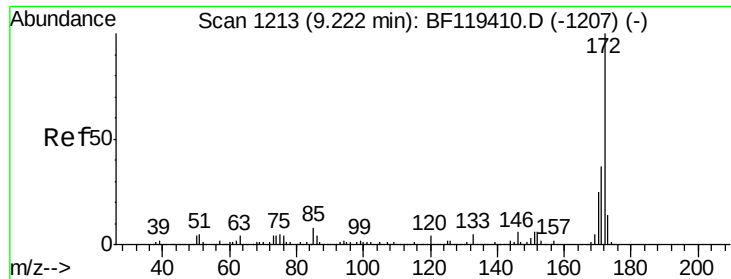
mohammad  
 3/19/2020 2:43:51 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 77.519 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 917845 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.6  | 75.3  | 112.9  |
| 97        | 53.1  | 39.0  | 58.4   |
| 132       | 30.2  | 22.9  | 34.3   |





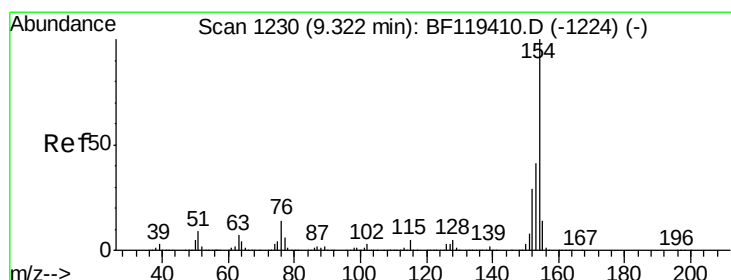
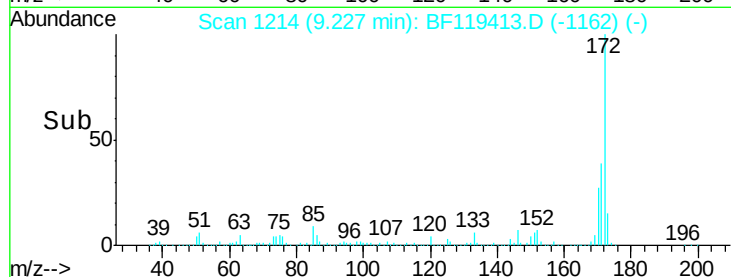
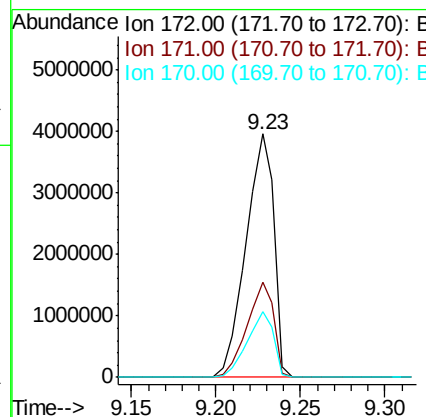
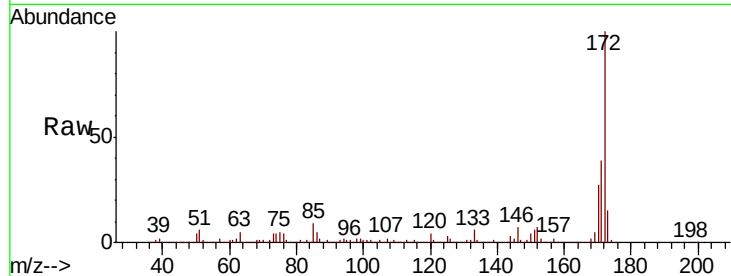
#45  
2-Fluorobiphenyl  
Concen: 127.173 ng  
RT: 9.23 min Scan# 1214  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:172 Resp: 4574869  
Ion Ratio Lower Upper  
172 100  
171 39.1 29.9 44.9  
170 27.1 20.1 30.1

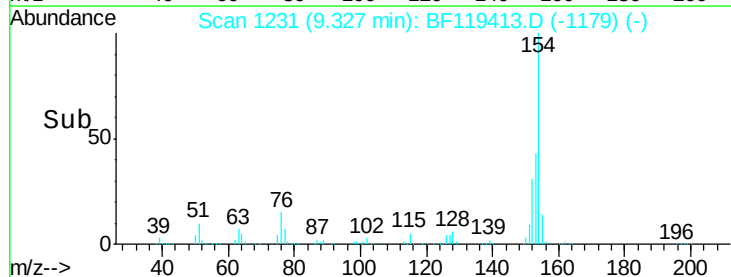
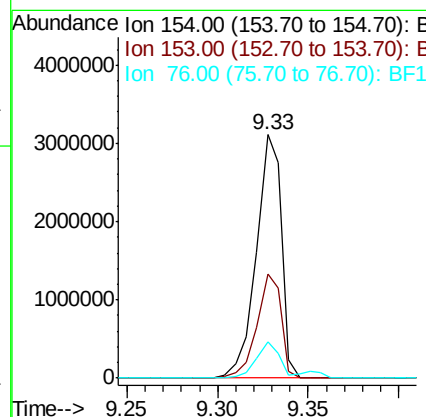
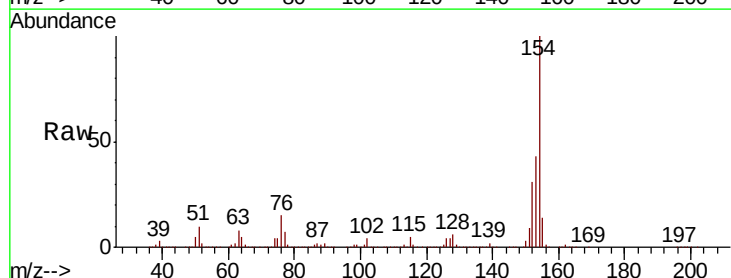
Manual Integrations  
APPROVED

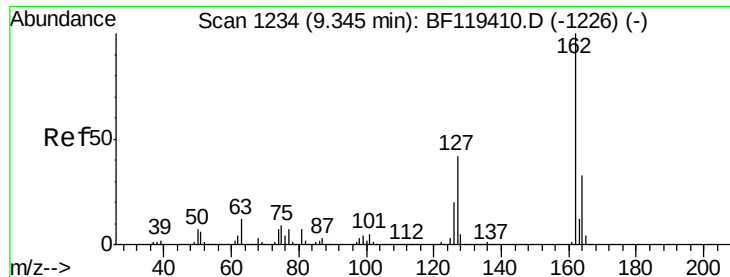
mohammad  
3/19/2020 2:43:51 PM



#46  
1,1'-Biphenyl  
Concen: 69.802 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Tgt Ion:154 Resp: 2989675  
Ion Ratio Lower Upper  
154 100  
153 42.8 21.4 61.4  
76 14.9 0.0 33.6





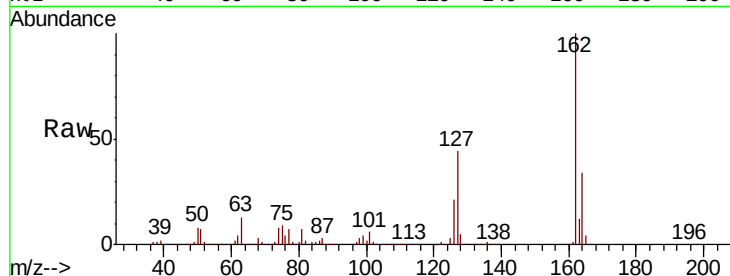
#47  
 2-Chloronaphthalene  
 Concen: 69.267 ng  
 RT: 9.35 min Scan# 1235  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

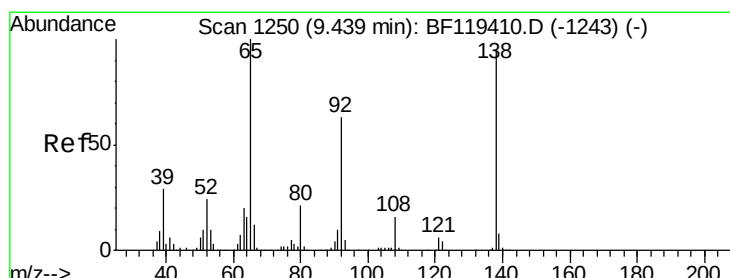
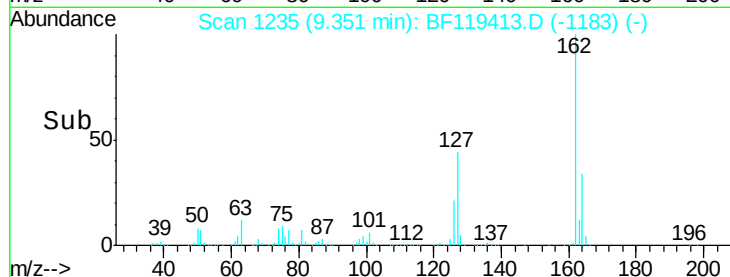
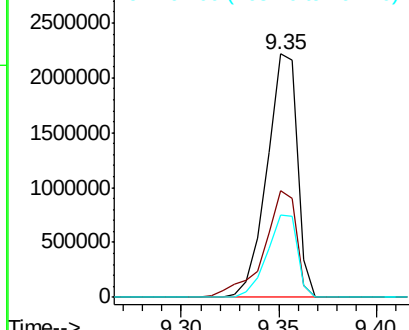
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.6  | 33.7  | 50.5  |
| 164     | 33.8  | 26.2  | 39.4  |

Manual Integrations  
 APPROVED

mohammad  
 3/19/2020 2:43:51 PM

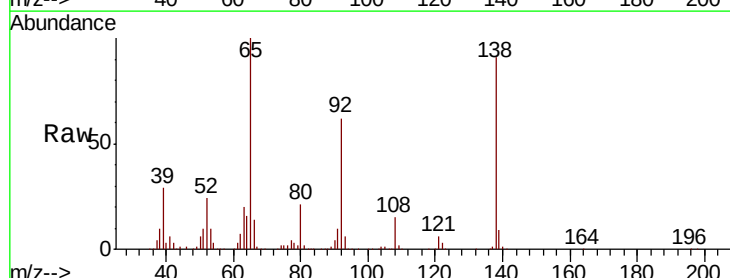


Abundance Ion 162.00 (161.70 to 162.70): E  
 3000000 Ion 127.00 (126.70 to 127.70): E  
 2500000 Ion 164.00 (163.70 to 164.70): E

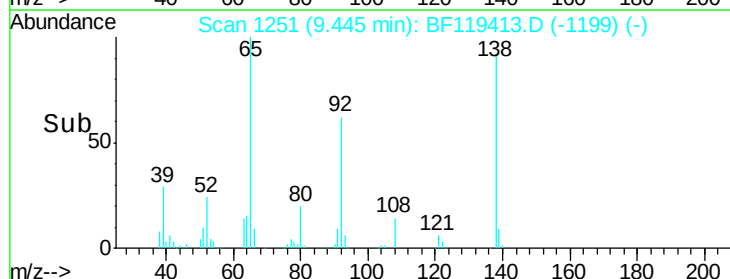
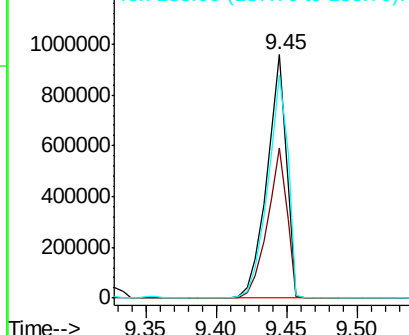


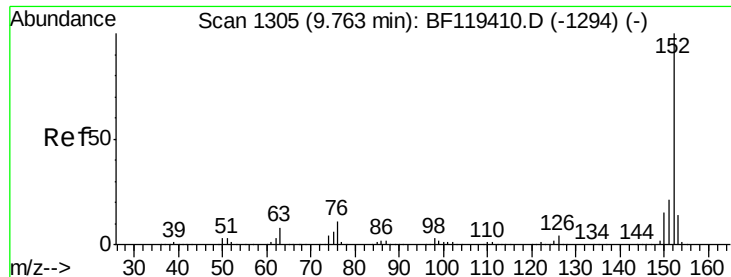
#48  
 2-Nitroaniline  
 Concen: 97.182 ng  
 RT: 9.45 min Scan# 1251  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.6  | 50.5  | 75.7  |
| 138     | 91.5  | 75.8  | 113.8 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 1200000 Ion 92.00 (91.70 to 92.70): BF1  
 1000000 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 73.820 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 3679954

Ion Ratio Lower Upper

152 100

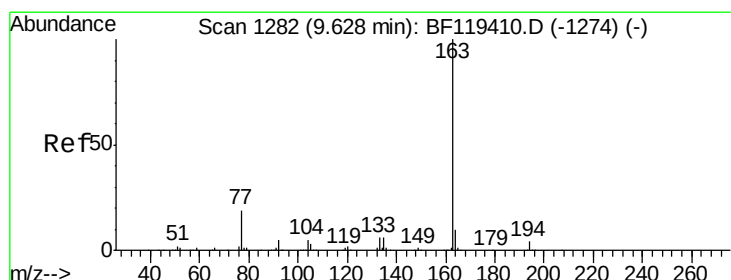
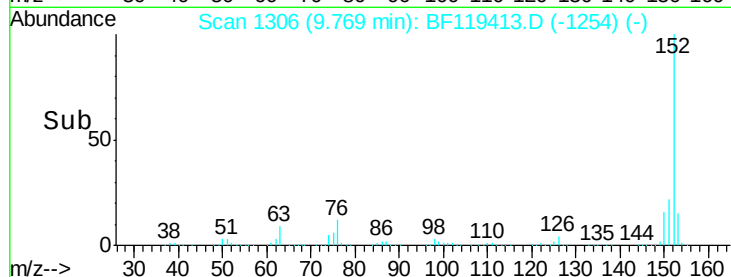
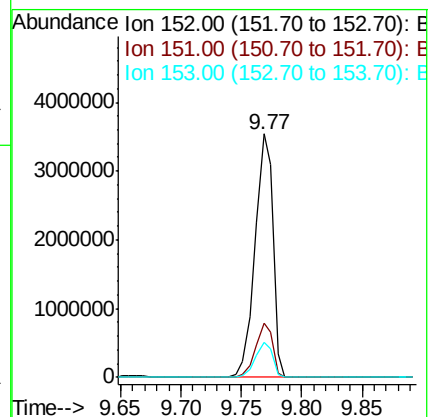
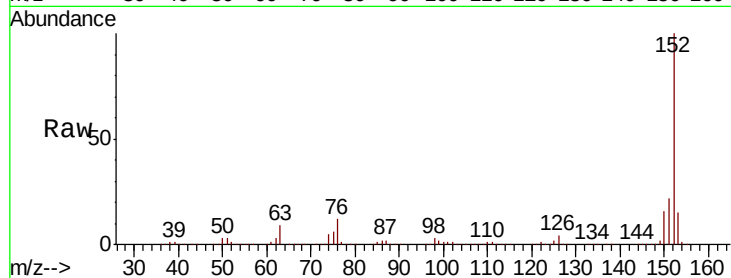
151 22.4 16.8 25.2

153 14.6 11.2 16.8

Manual Integrations  
APPROVED

mohammad

3/19/2020 2:43:51 PM



#50

Dimethylphthalate

Concen: 67.490 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

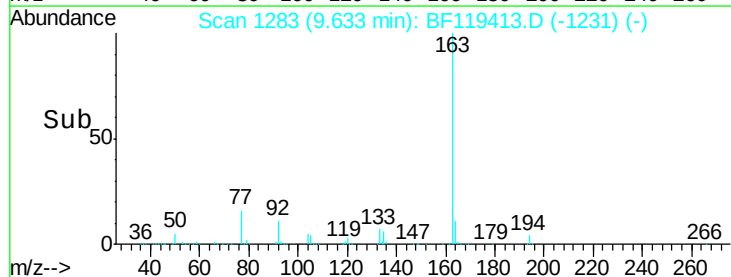
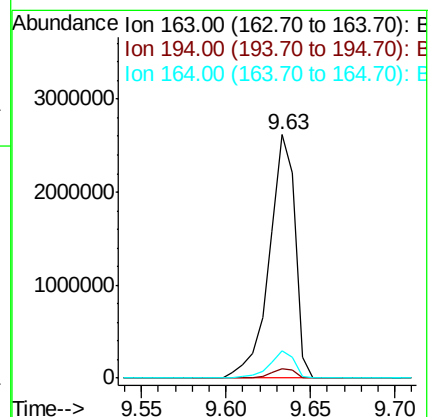
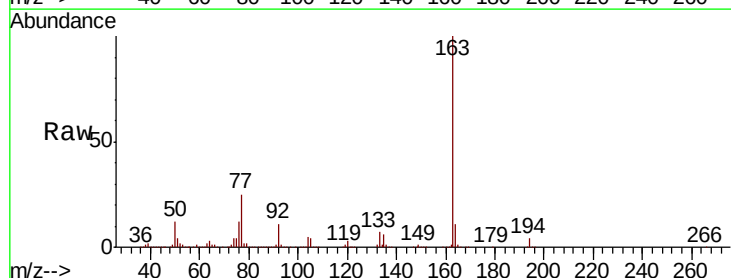
Tgt Ion:163 Resp: 2734961

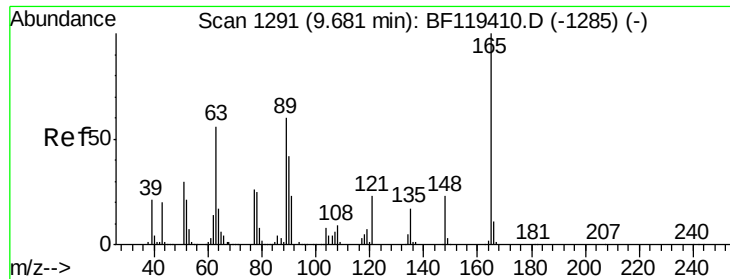
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 11.2 8.1 12.1





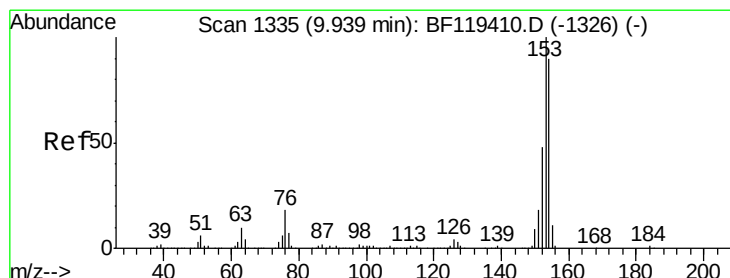
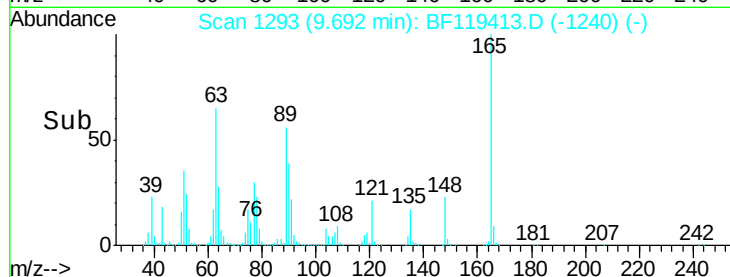
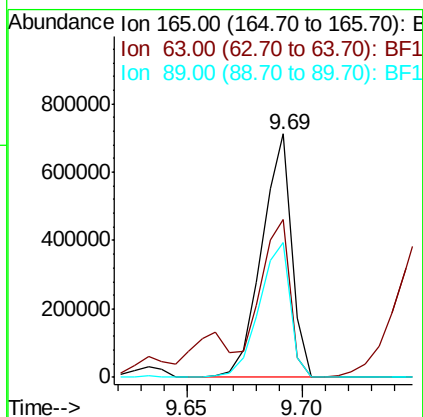
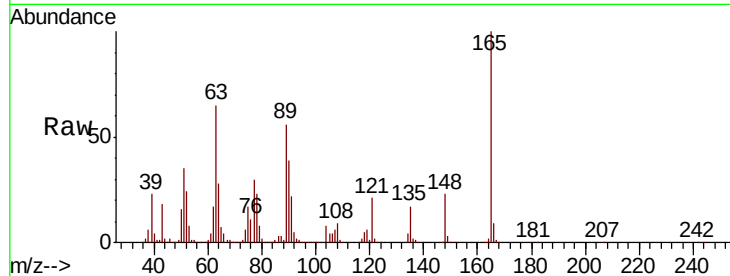
#51  
2,6-Dinitrotoluene  
Concen: 71.108 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 640209 |       |       |
| 63      | 64.7  | 57.3   | 85.9  |       |
| 89      | 55.6  | 47.8   | 71.8  |       |

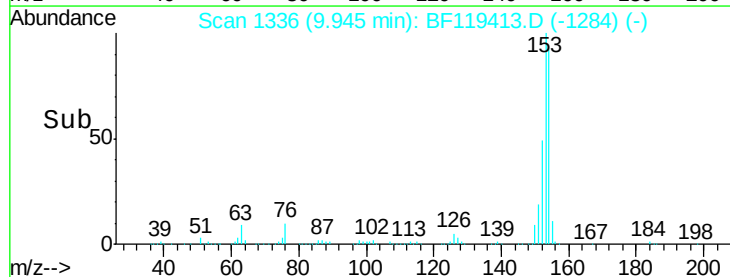
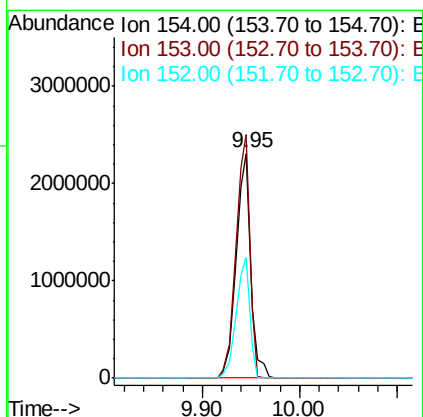
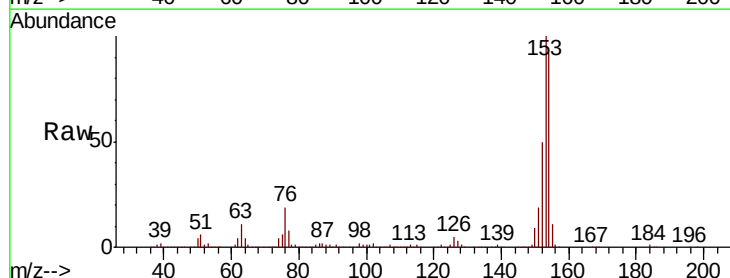
Manual Integrations  
APPROVED

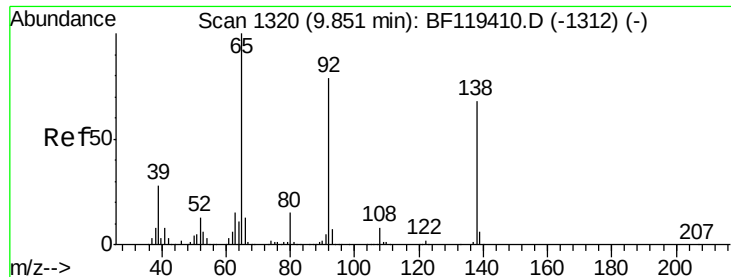
mohammad  
3/19/2020 2:43:51 PM



#52  
Acenaphthene  
Concen: 78.863 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 2370535 |       |       |
| 153     | 108.5 | 89.0    | 133.6 |       |
| 152     | 53.8  | 43.1    | 64.7  |       |





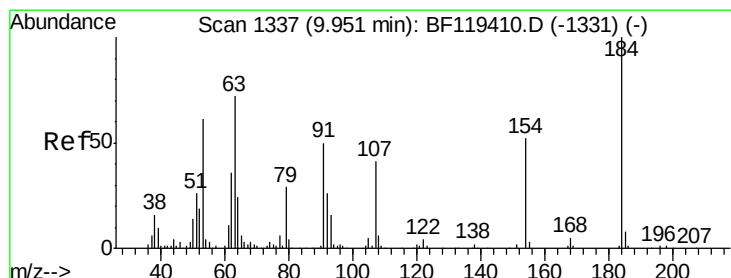
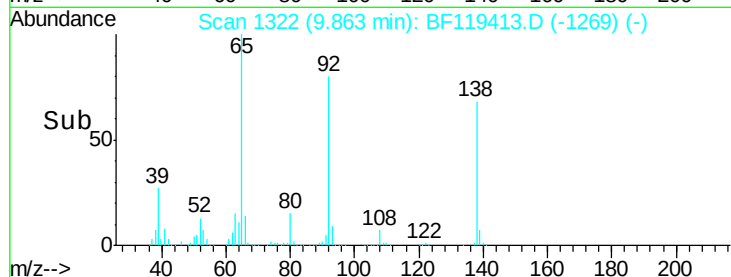
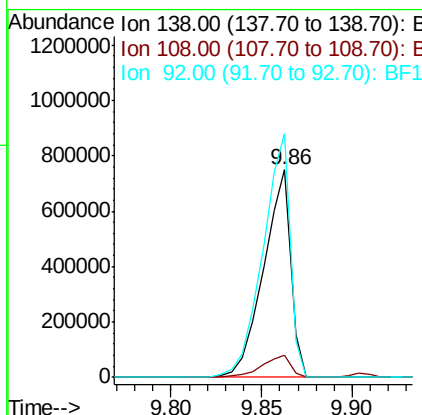
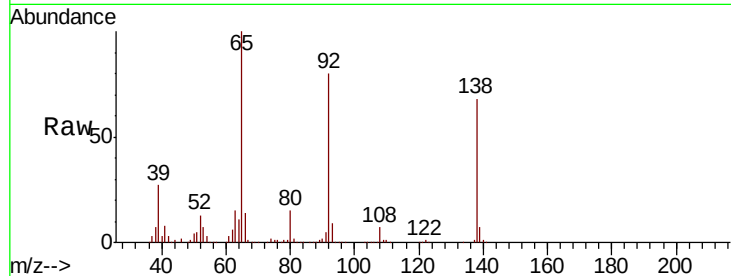
#53  
3-Nitroaniline  
Concen: 78.111 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.8  | 9.0   | 13.6  |
| 92      | 117.3 | 93.2  | 139.8 |

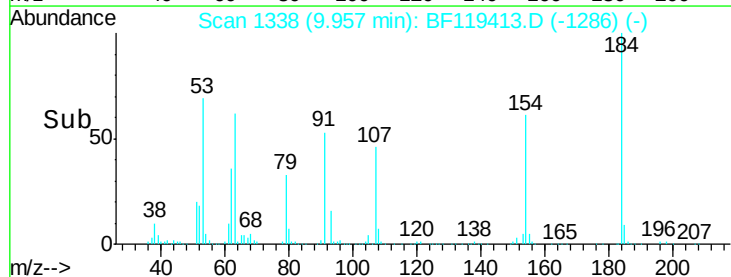
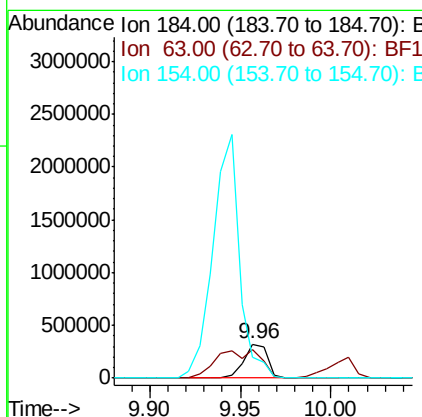
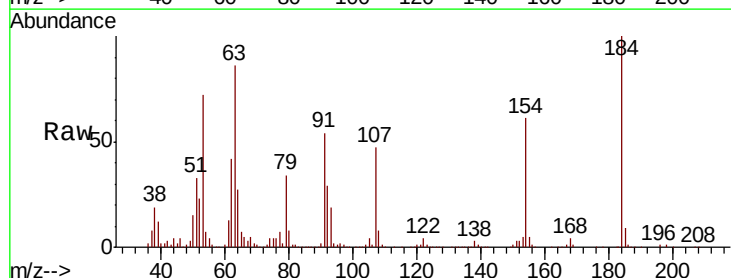
Manual Integrations  
APPROVED

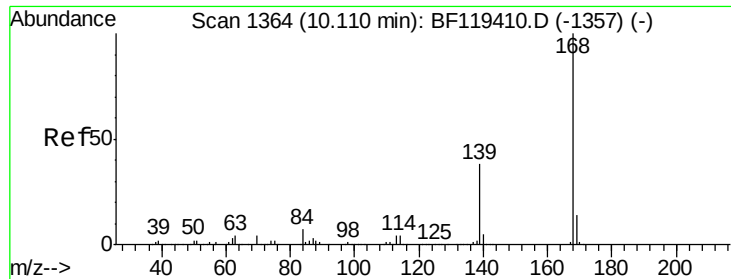
mohammad  
3/19/2020 2:43:51 PM



#54  
2,4-Dinitrophenol  
Concen: 78.063 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 86.1  | 58.5  | 87.7  |
| 154     | 60.6  | 51.8  | 77.6  |





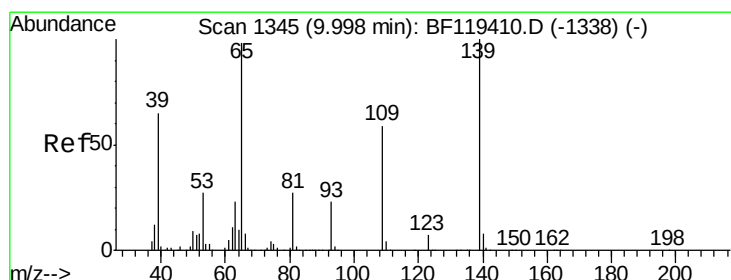
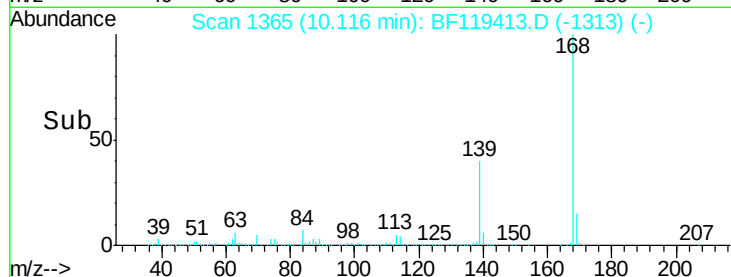
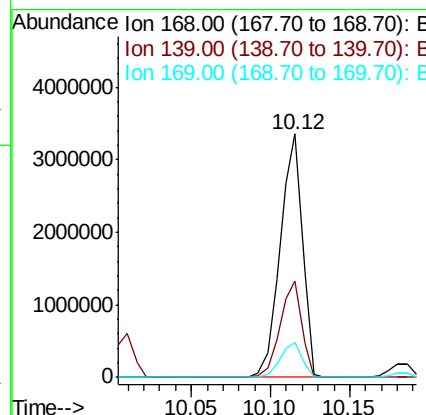
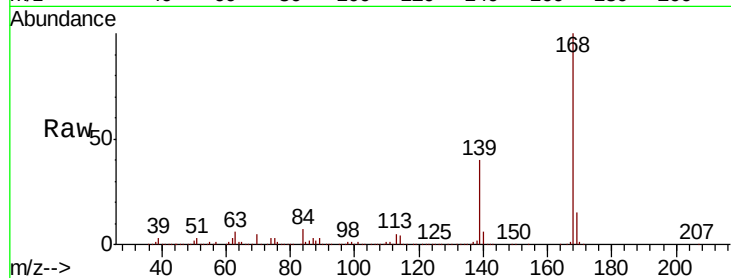
#55  
Dibenzenofuran  
Concen: 73.036 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.9  | 30.2  | 45.4  |
| 169     | 14.6  | 11.1  | 16.7  |

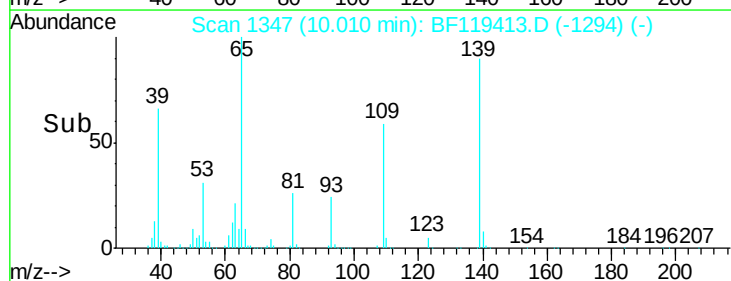
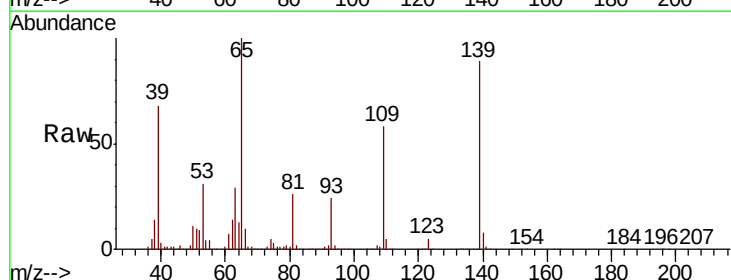
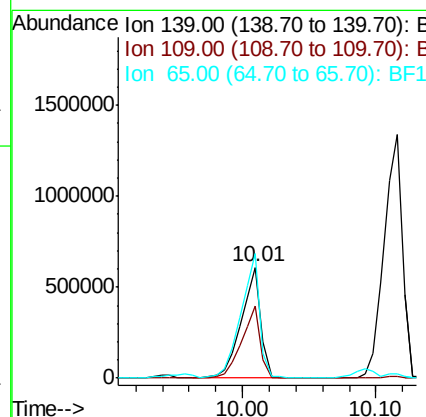
Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM

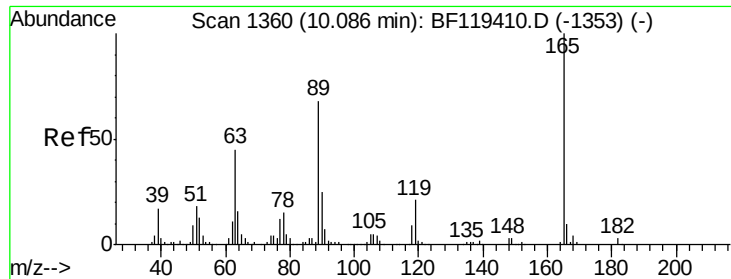


#56  
4-Nitrophenol  
Concen: 103.392 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.4  | 39.6  | 79.6  |
| 65      | 112.1 | 78.3  | 118.3 |







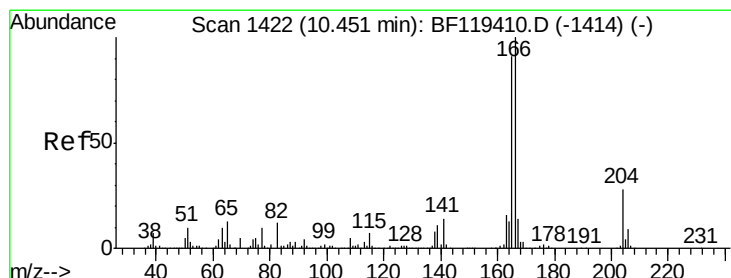
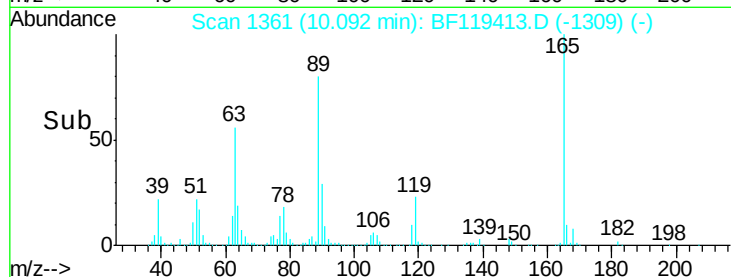
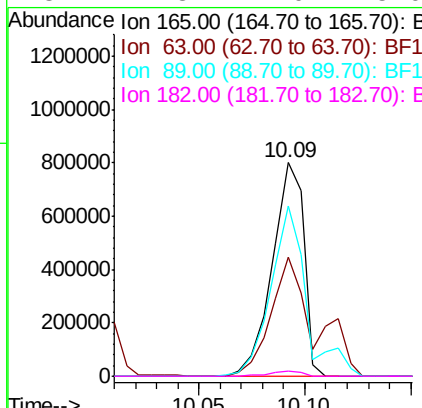
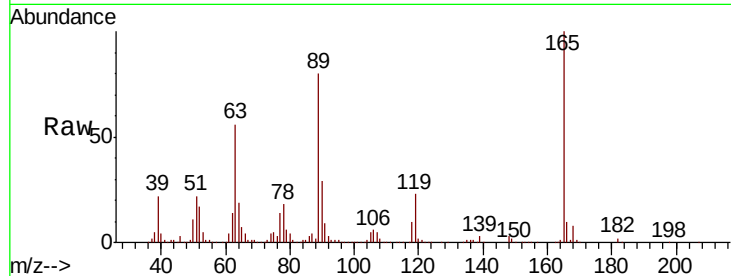
#57  
 2,4-Dinitrotoluene  
 Concen: 71.483 ng  
 RT: 10.09 min Scan# 1361  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.7  | 36.2  | 54.4# |
| 89      | 80.0  | 54.3  | 81.5  |
| 182     | 2.3   | 2.0   | 3.0   |

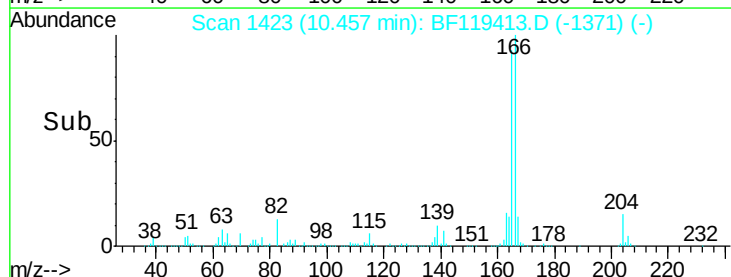
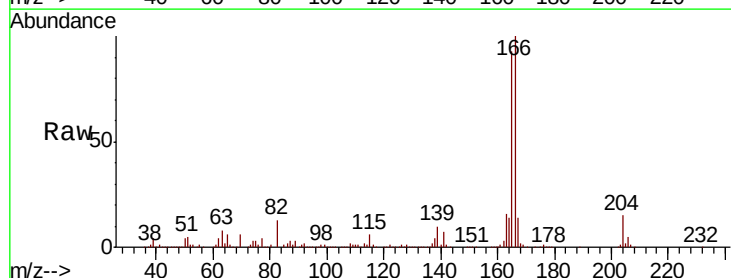
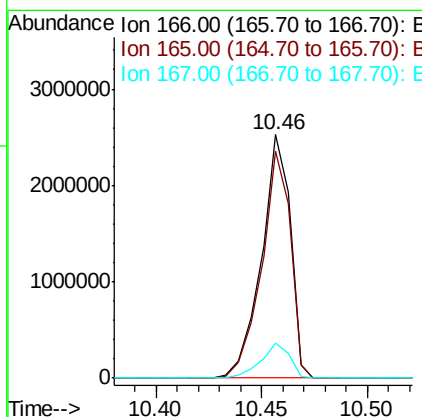
Manual Integrations  
 APPROVED

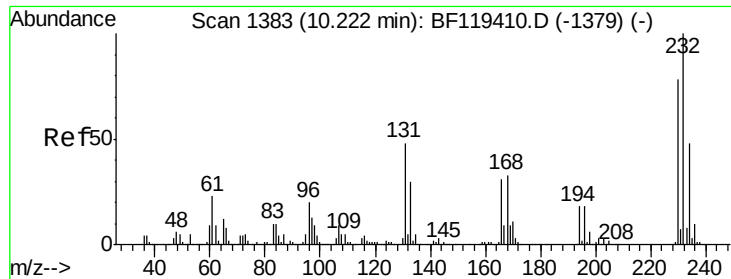
mohammad  
 3/19/2020 2:43:51 PM



#58  
 Fluorene  
 Concen: 69.057 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.2  | 73.1  | 109.7 |
| 167     | 14.2  | 11.0  | 16.6  |





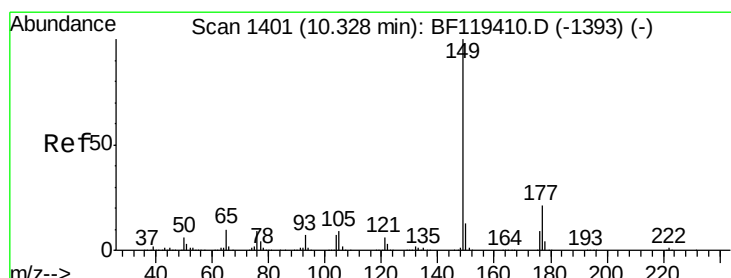
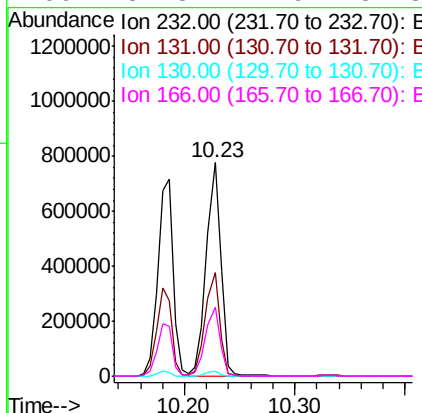
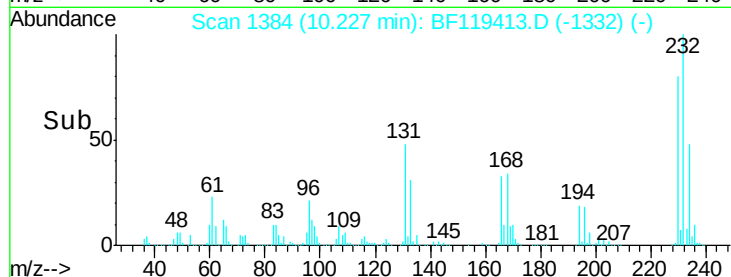
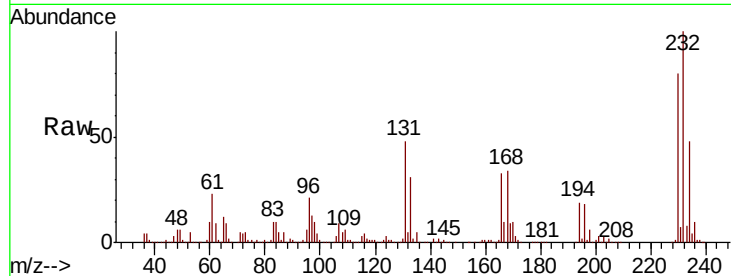
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 69.246 ng  
 RT: 10.23 min Scan# 1384  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 691824 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 47.9  | 36.3  | 54.5   |
| 130       | 2.4   | 1.8   | 2.6    |
| 166       | 32.3  | 24.9  | 37.3   |

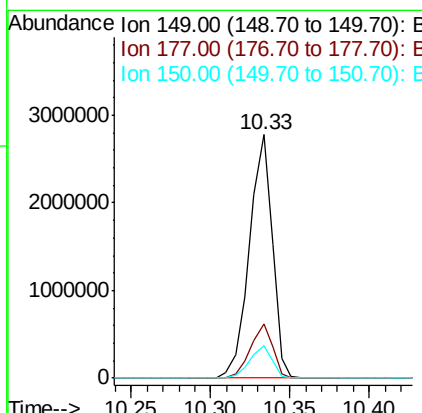
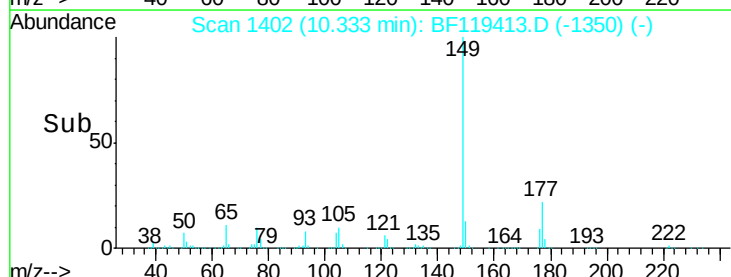
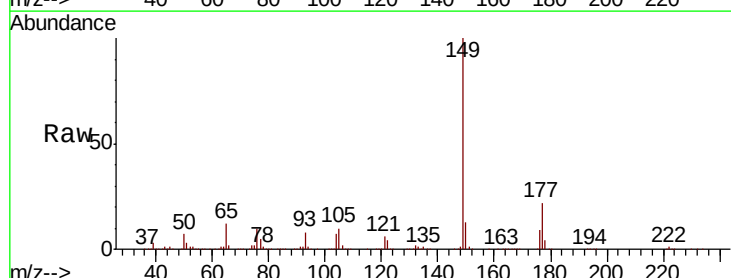
Manual Integrations  
 APPROVED

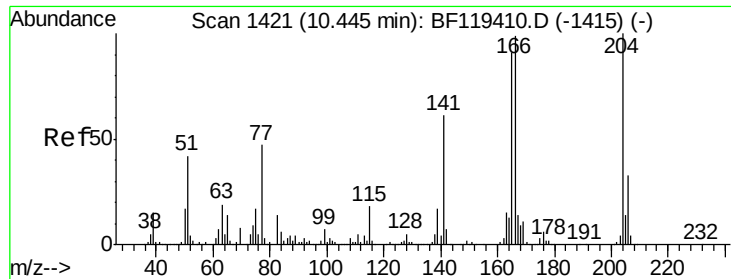
mohammad  
 3/19/2020 2:43:51 PM



#60  
 Diethylphthalate  
 Concen: 73.074 ng  
 RT: 10.33 min Scan# 1402  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 2790646 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 22.1  | 17.0  | 25.6    |
| 150       | 13.1  | 10.2  | 15.4    |





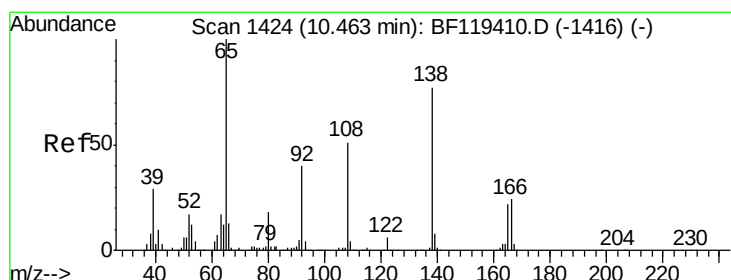
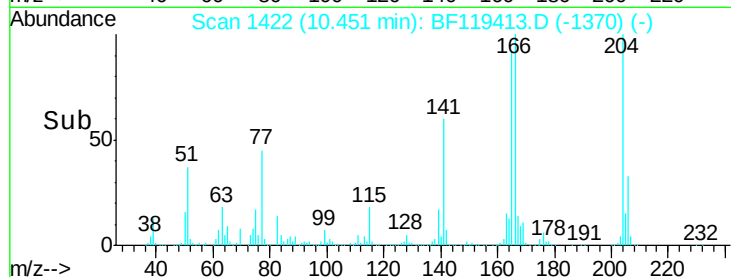
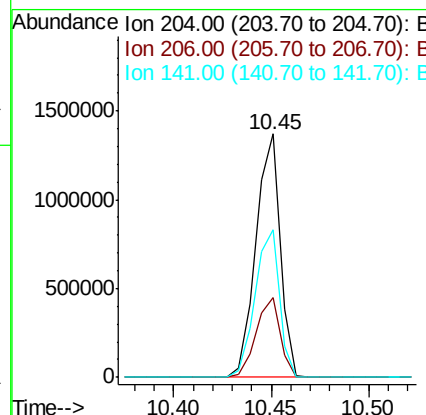
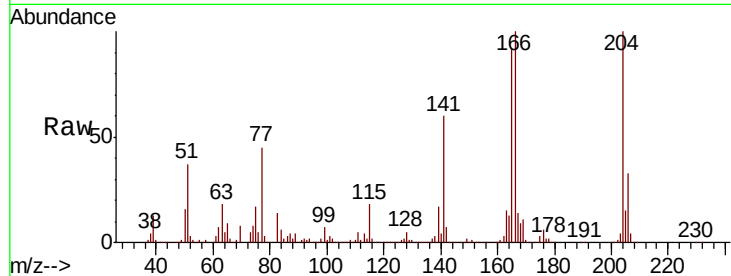
#61  
4-Chlorophenyl-phenylether  
Concen: 63.986 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:204 Resp: 1180785  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.7 40.1  
141 60.7 48.8 73.2

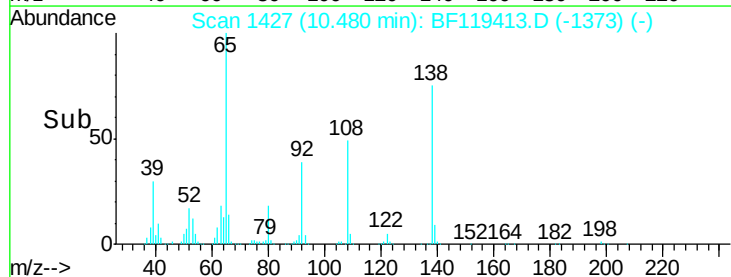
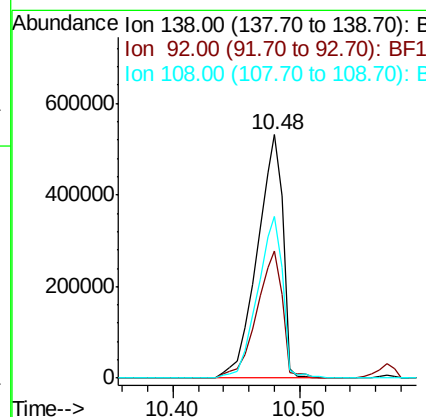
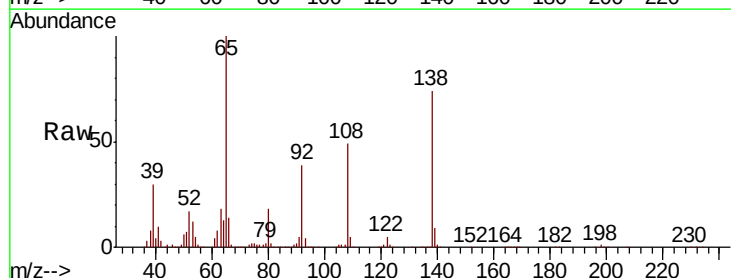
Manual Integrations  
APPROVED

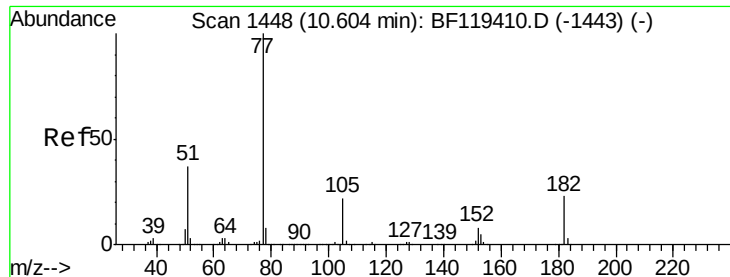
mohammad  
3/19/2020 2:43:51 PM



#62  
4-Nitroaniline  
Concen: 73.633 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. 0.02 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Tgt Ion:138 Resp: 751939  
Ion Ratio Lower Upper  
138 100  
92 52.1 32.0 72.0  
108 66.4 46.0 86.0





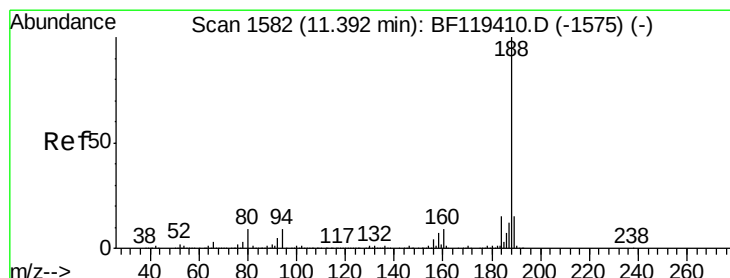
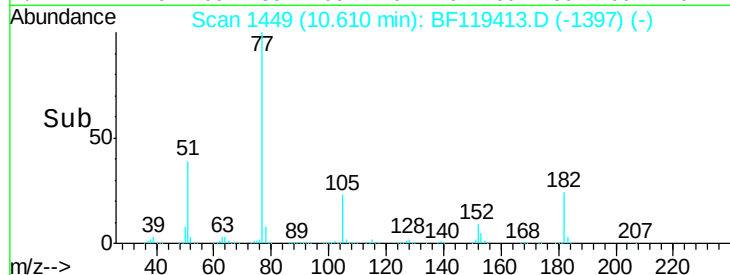
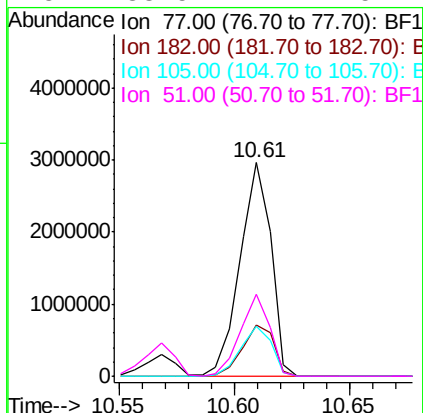
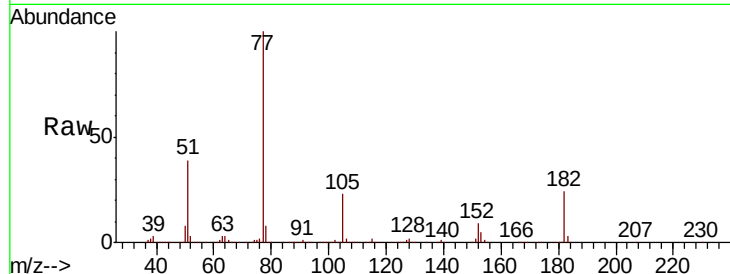
#63  
Azobenzene  
Concen: 83.787 ng  
RT: 10.61 min Scan# 1449  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.0  | 2.5   | 42.5  |
| 105     | 23.4  | 2.5   | 42.5  |
| 51      | 38.5  | 17.1  | 57.1  |

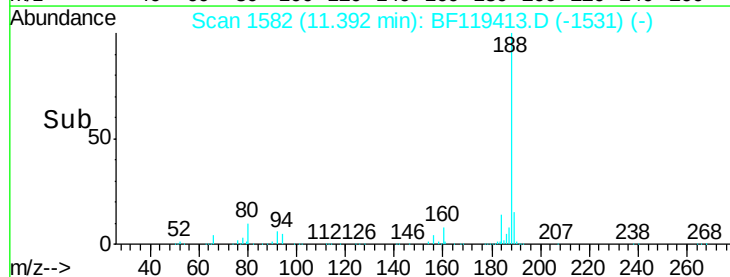
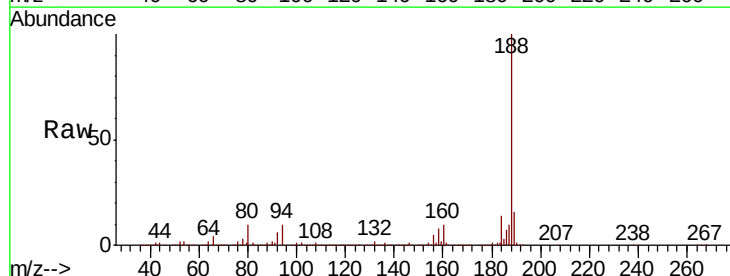
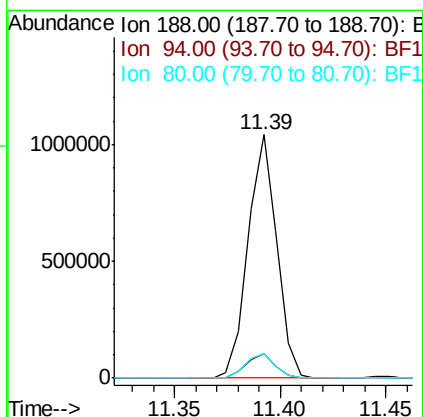
Manual Integrations  
APPROVED

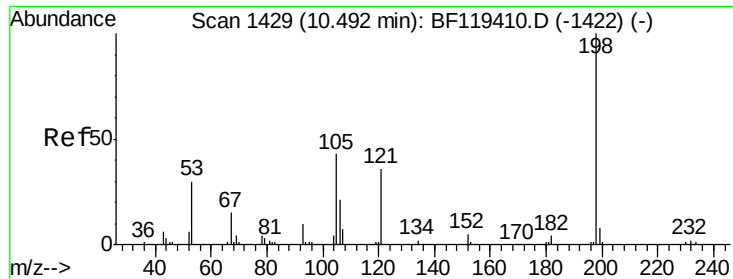
mohammad  
3/19/2020 2:43:51 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.0  | 7.1   | 10.7  |
| 80      | 10.3  | 7.5   | 11.3  |





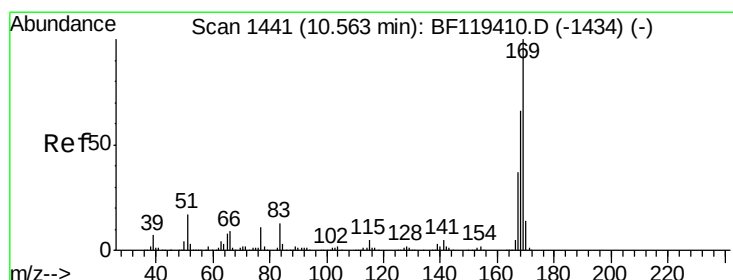
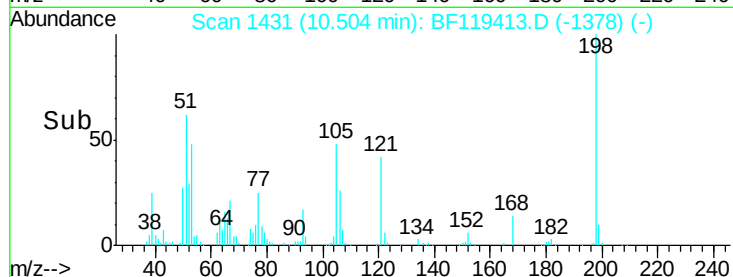
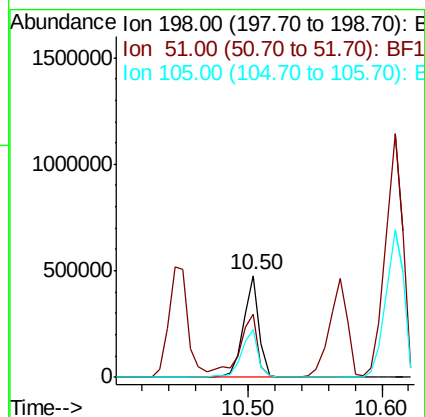
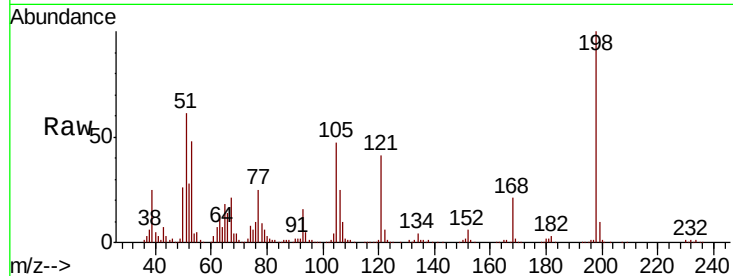
#65  
4,6-Dinitro-2-methylphenol  
Concen: 64.687 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 386094 |       |       |
| 51      | 61.4  | 33.1   | 73.1  |       |
| 105     | 47.5  | 24.1   | 64.1  |       |

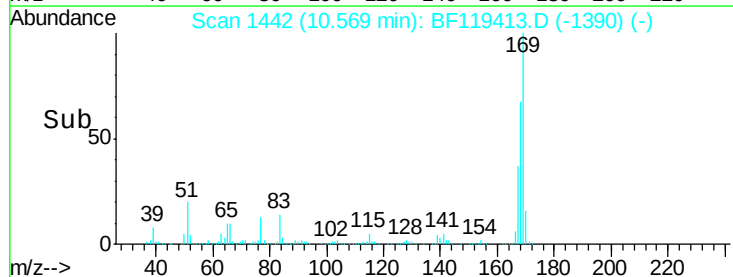
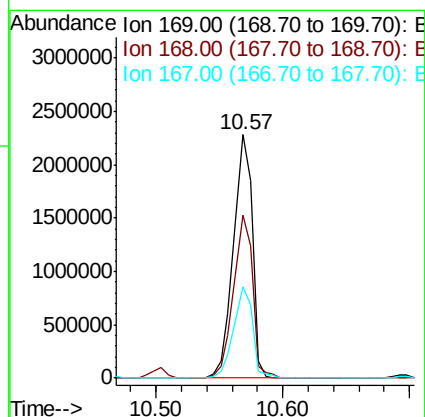
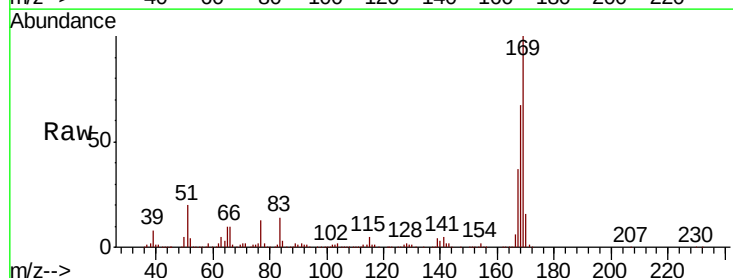
Manual Integrations  
APPROVED

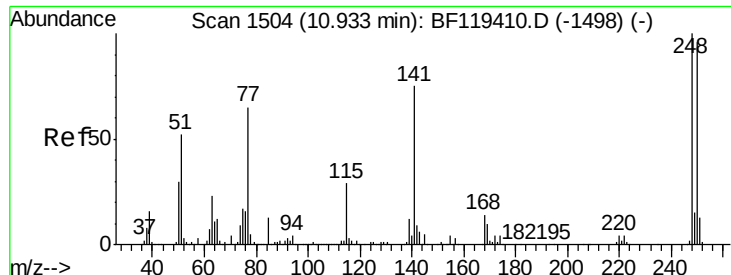
mohammad  
3/19/2020 2:43:51 PM



#66  
n-Nitrosodiphenylamine  
Concen: 71.988 ng  
RT: 10.57 min Scan# 1442  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 2325019 |       |       |
| 168     | 66.8  | 52.7    | 79.1  |       |
| 167     | 37.2  | 29.3    | 43.9  |       |





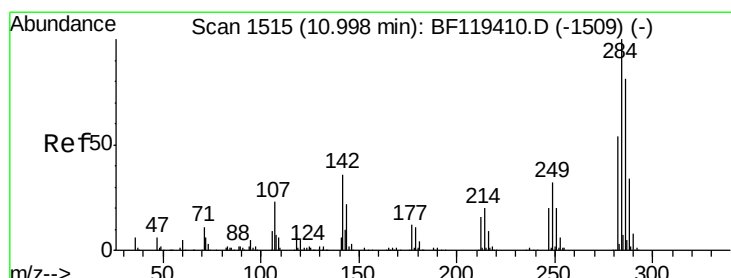
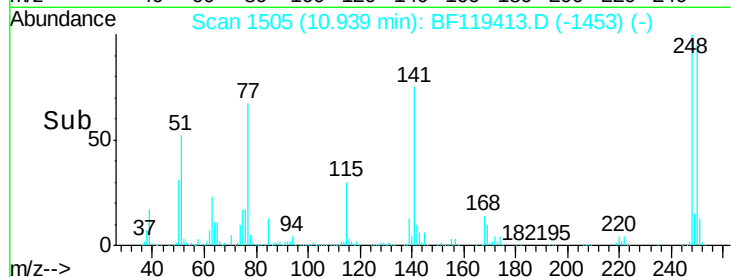
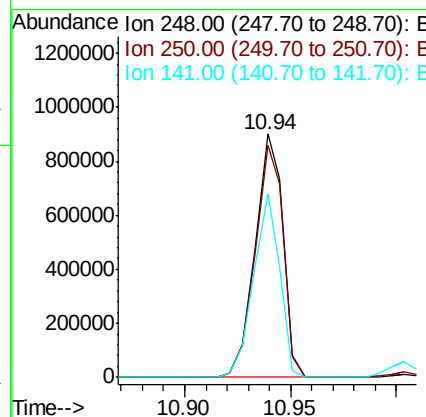
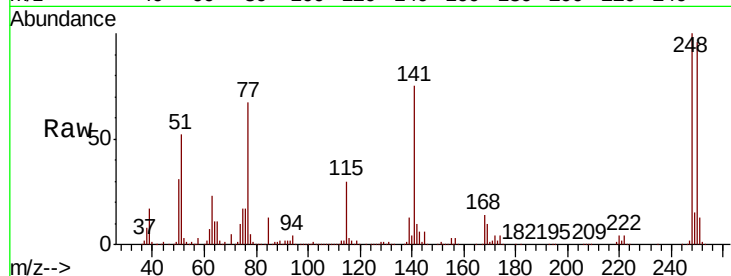
#67  
4-Bromophenyl-phenylether  
Concen: 63.944 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.5  | 77.0  | 115.6 |
| 141     | 75.5  | 59.7  | 89.5  |

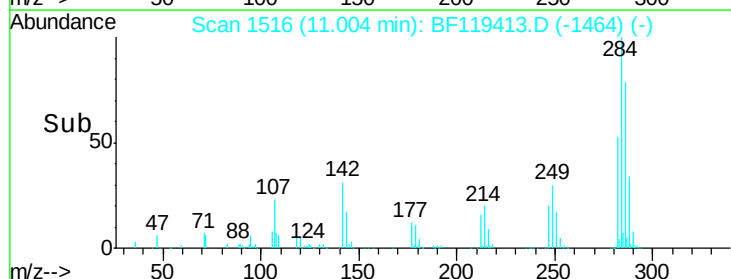
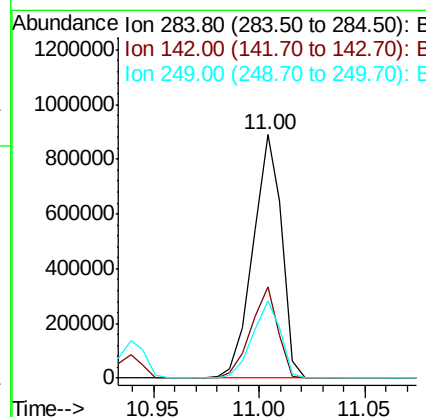
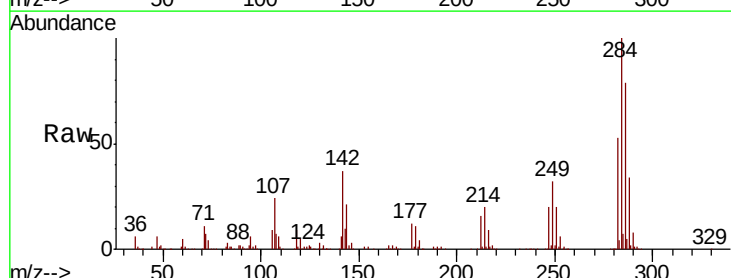
Manual Integrations  
APPROVED

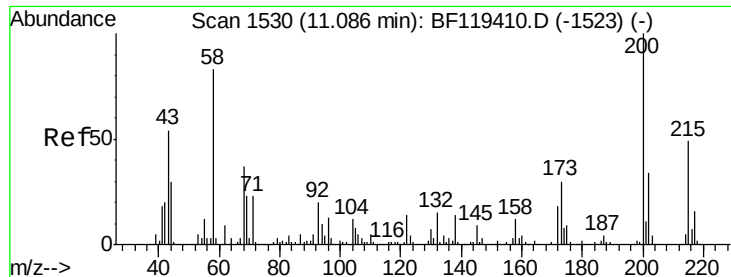
mohammad  
3/19/2020 2:43:51 PM



#68  
Hexachlorobenzene  
Concen: 56.142 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.4  | 28.7  | 43.1  |
| 249     | 31.9  | 25.4  | 38.0  |





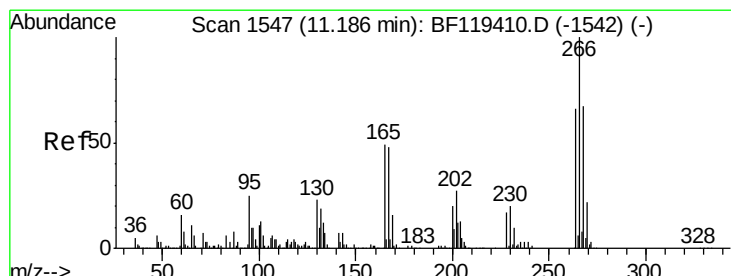
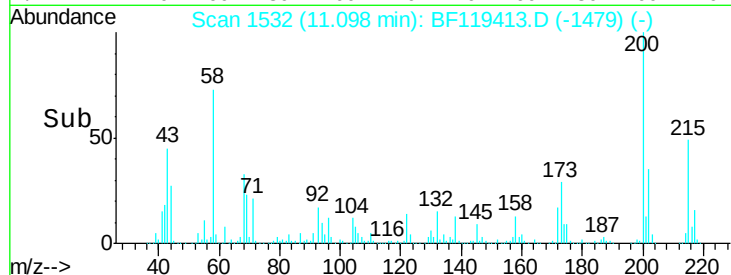
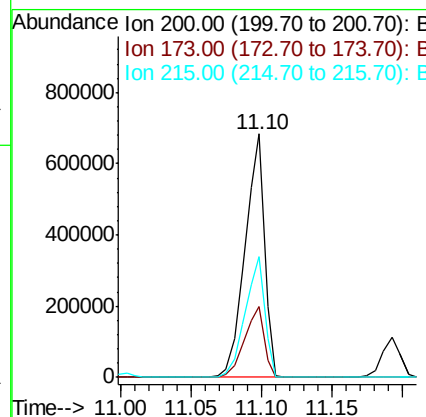
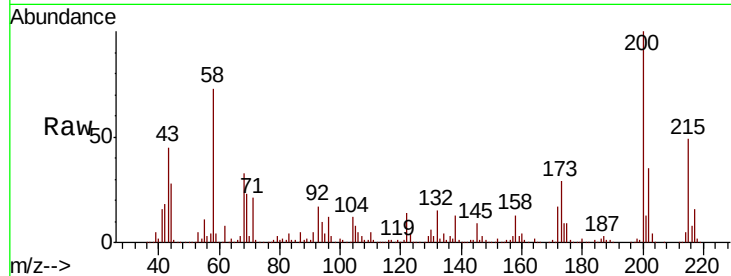
#69  
Atrazine  
Concen: 58.087 ng  
RT: 11.10 min Scan# 1532  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 655477 |       |       |
| 173     | 29.1  | 9.9    | 49.9  |       |
| 215     | 49.5  | 29.4   | 69.4  |       |

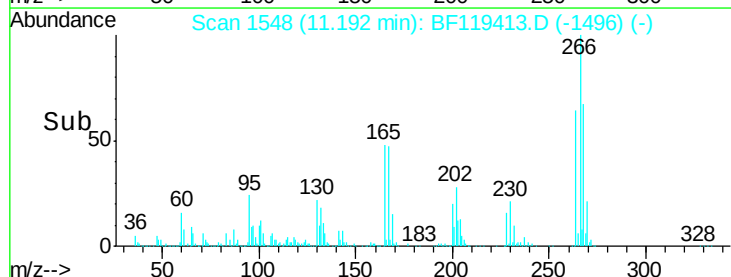
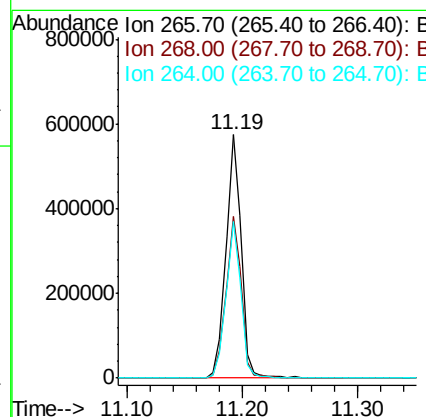
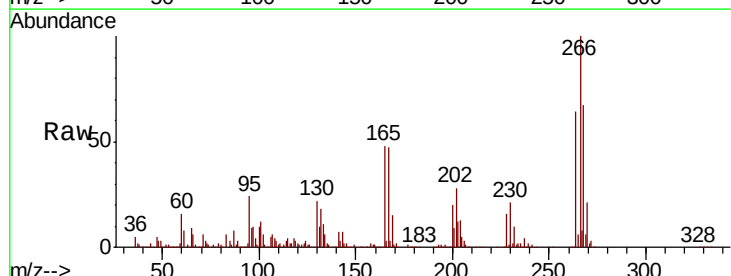
Manual Integrations  
APPROVED

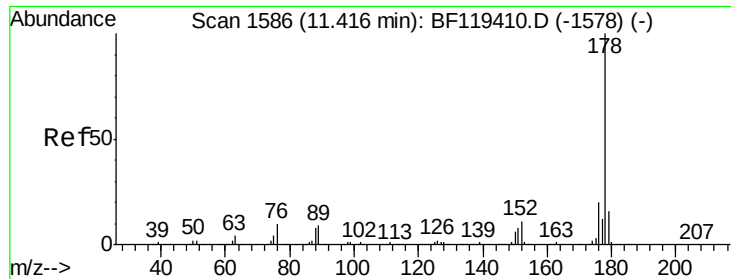
mohammad  
3/19/2020 2:43:51 PM



#70  
Pentachlorophenol  
Concen: 88.367 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 529145 |       |       |
| 268     | 66.5  | 53.7   | 80.5  |       |
| 264     | 64.3  | 52.5   | 78.7  |       |





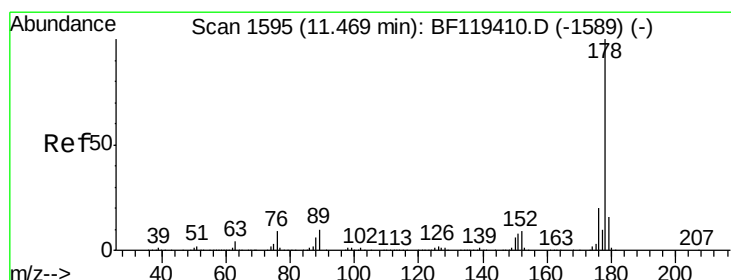
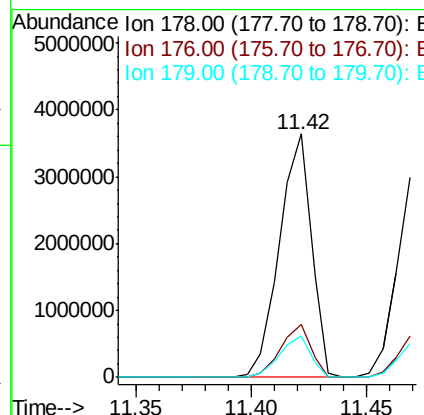
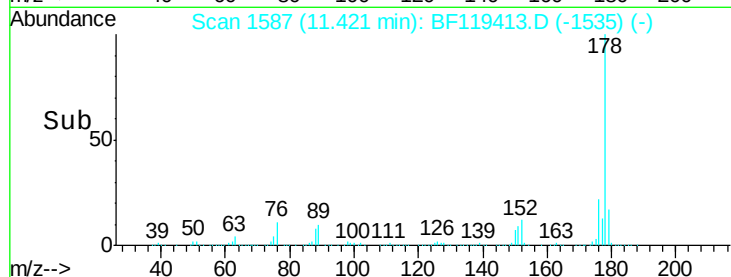
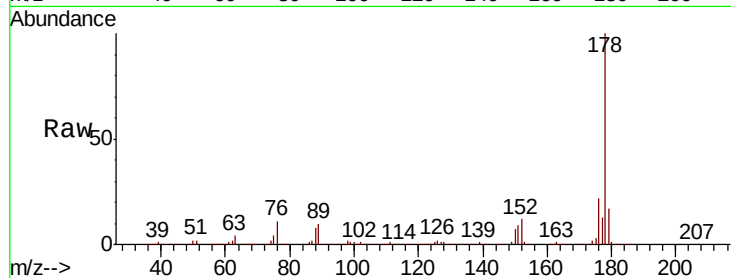
#71  
Phenanthrene  
Concen: 65.229 ng  
RT: 11.42 min Scan# 1587  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:178 Resp: 3508803  
Ion Ratio Lower Upper  
178 100  
176 21.8 16.2 24.4  
179 17.1 12.9 19.3

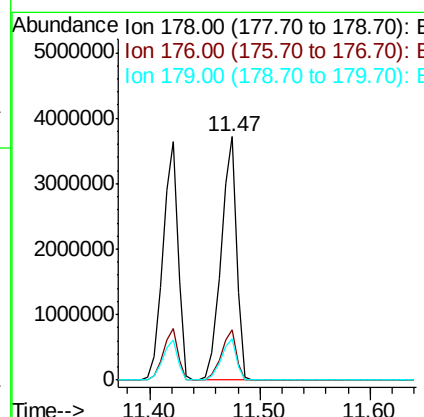
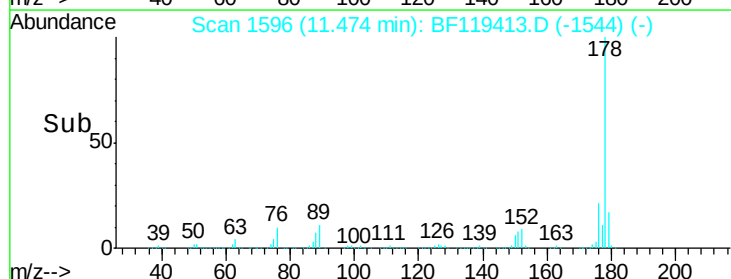
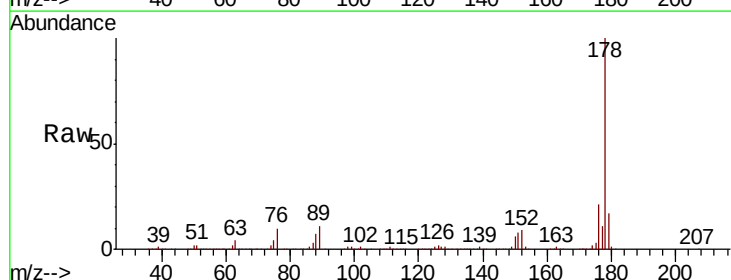
Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM

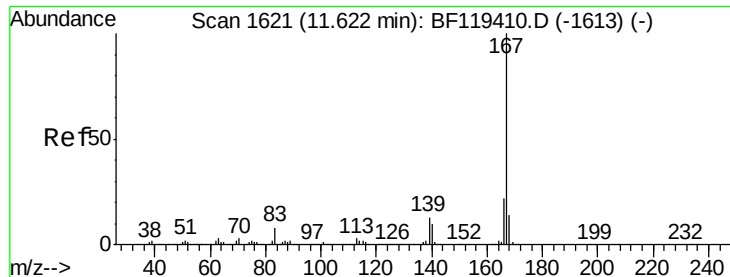


#72  
Anthracene  
Concen: 66.611 ng  
RT: 11.47 min Scan# 1596  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Tgt Ion:178 Resp: 3580134  
Ion Ratio Lower Upper  
178 100  
176 20.8 15.6 23.4  
179 17.2 13.1 19.7







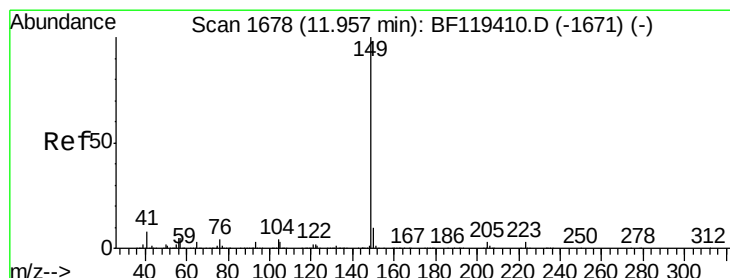
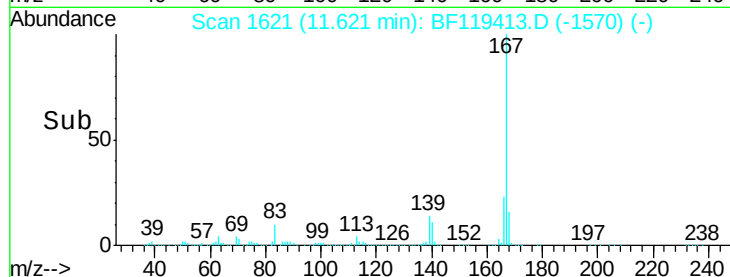
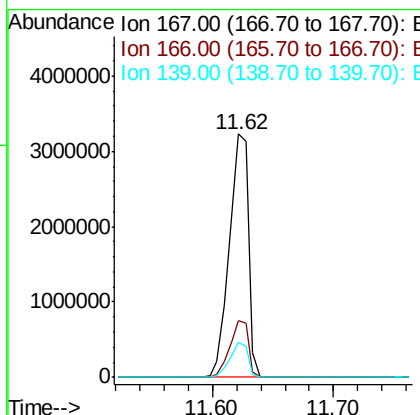
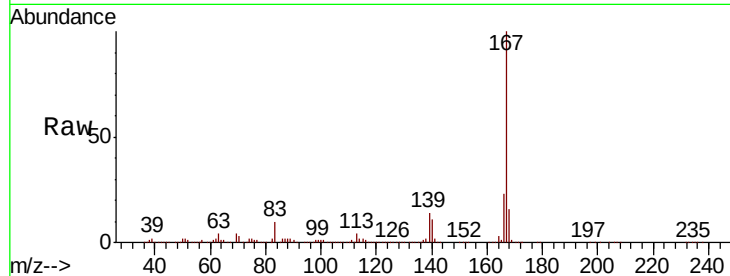
#73  
 Carbazole  
 Concen: 74.618 ng  
 RT: 11.62 min Scan# 1621  
 Delta R.T. -0.00 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.2  | 17.8  | 26.6  |
| 139     | 14.3  | 10.2  | 15.4  |

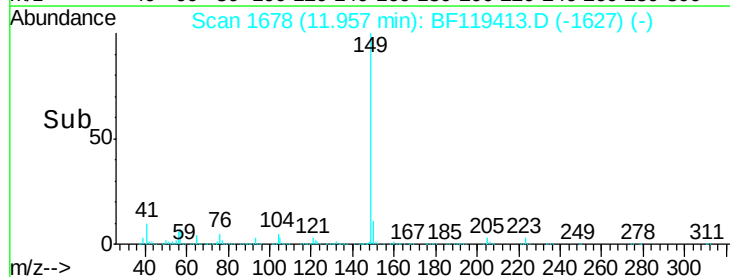
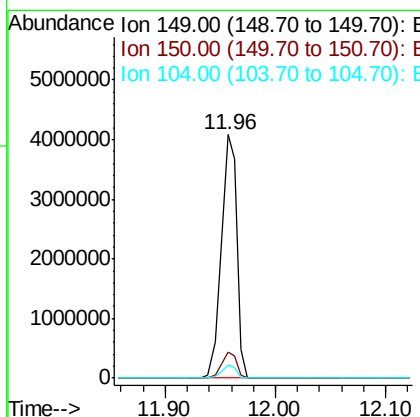
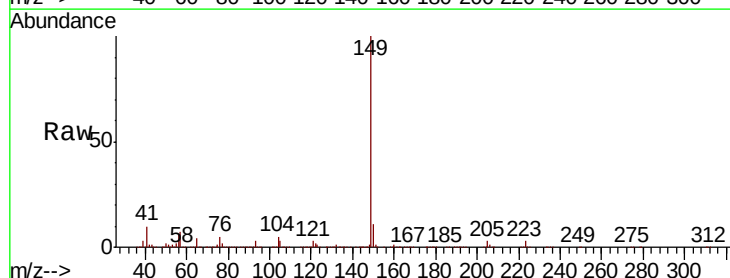
Manual Integrations  
 APPROVED

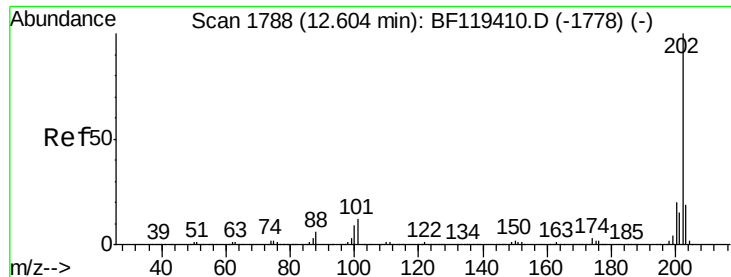
mohammad  
 3/19/2020 2:43:51 PM



#74  
 Di-n-butylphthalate  
 Concen: 68.621 ng  
 RT: 11.96 min Scan# 1678  
 Delta R.T. -0.00 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.9  | 7.6   | 11.4  |
| 104     | 5.5   | 3.5   | 5.3#  |





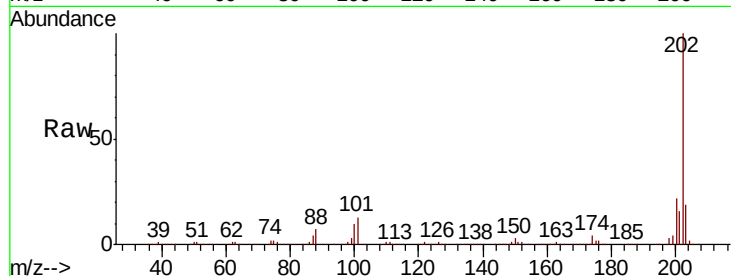
#75  
Fluoranthene  
Concen: 66.103 ng  
RT: 12.61 min Scan# 1789  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

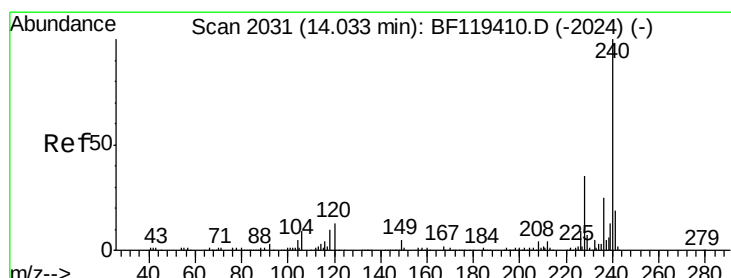
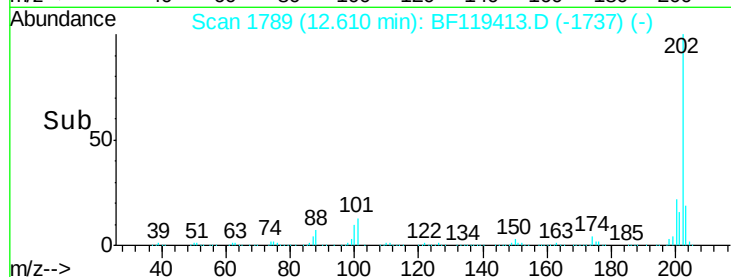
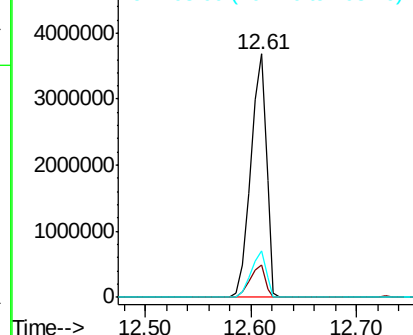
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.4  | 0.0   | 32.4  |
| 203     | 19.3  | 0.0   | 38.5  |

Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM

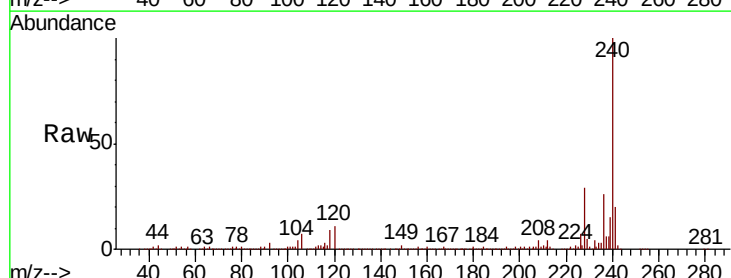


Abundance Ion 202.00 (201.70 to 202.70): E  
5000000 Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

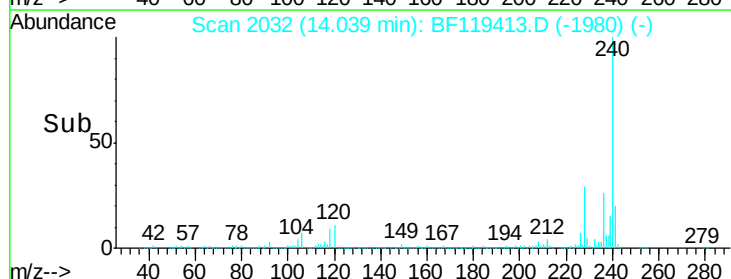
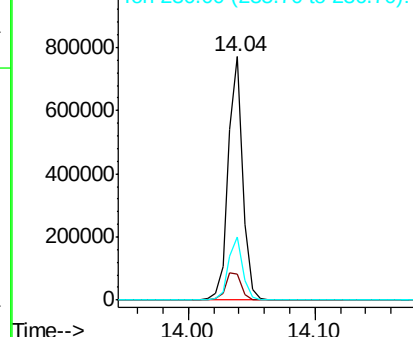


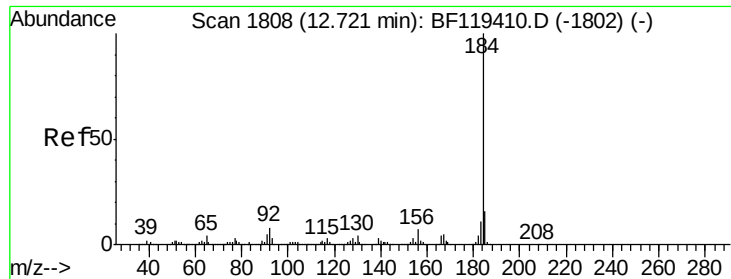
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.04 min Scan# 2032  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.7  | 10.2  | 15.4  |
| 236     | 25.7  | 20.4  | 30.6  |



Abundance Ion 240.00 (239.70 to 240.70): E  
1000000 Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 78.798 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1955836

Ion Ratio Lower Upper

184 100

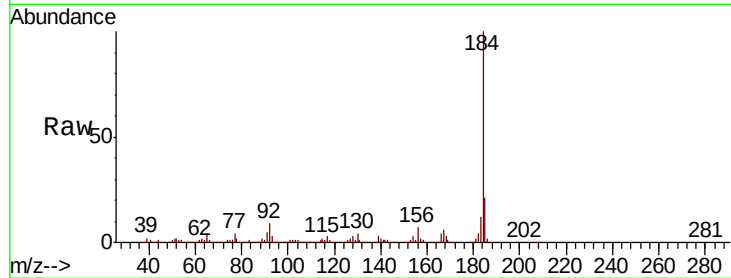
185 21.1 12.9 19.3#

183 11.6 9.0 13.4

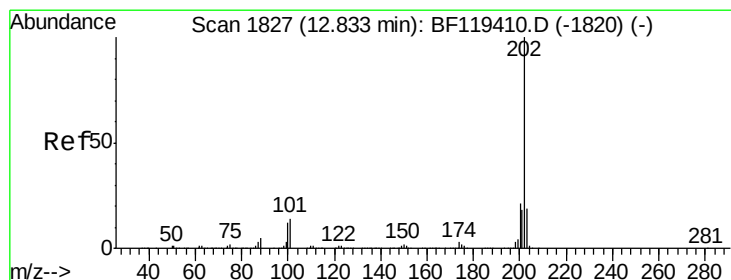
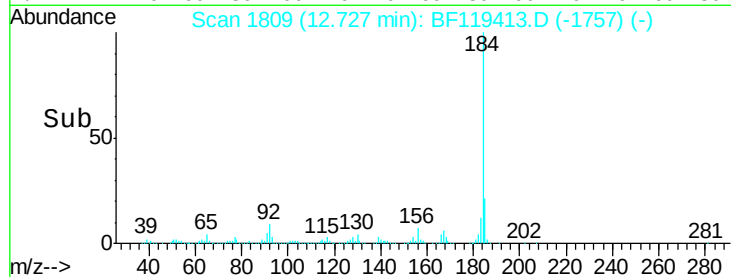
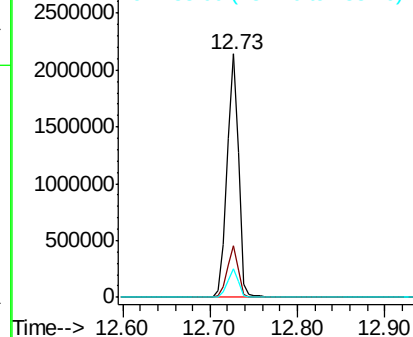
Manual Integrations  
APPROVED

mohammad

3/19/2020 2:43:51 PM



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

Pyrene

Concen: 78.648 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

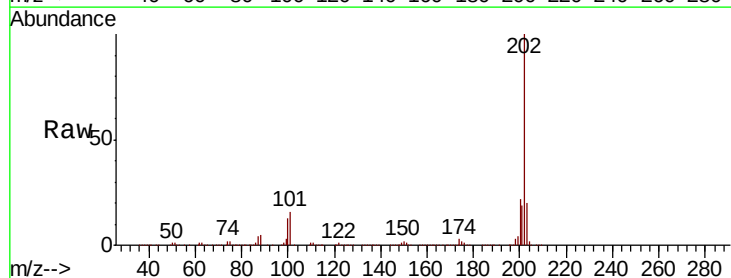
Tgt Ion:202 Resp: 3854371

Ion Ratio Lower Upper

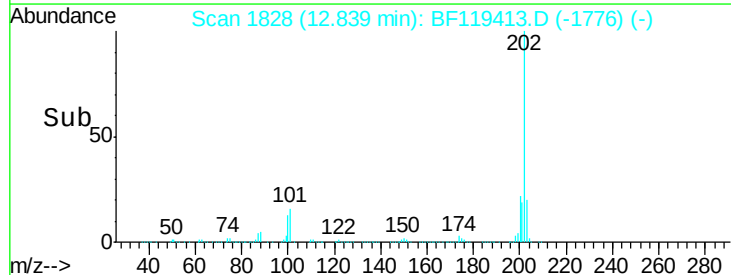
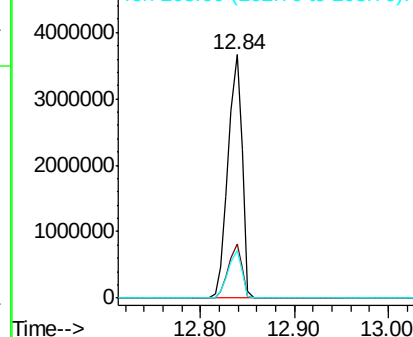
202 100

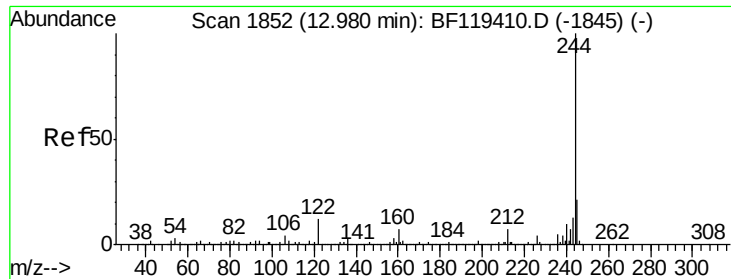
200 22.4 16.8 25.2

203 19.8 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





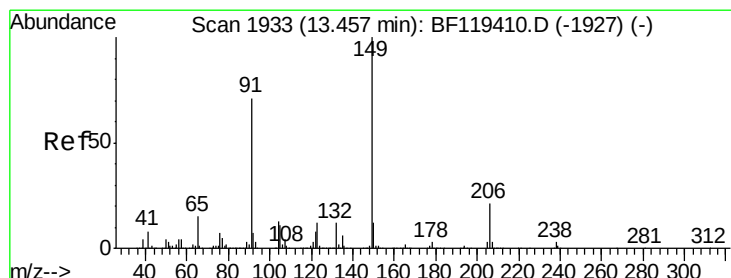
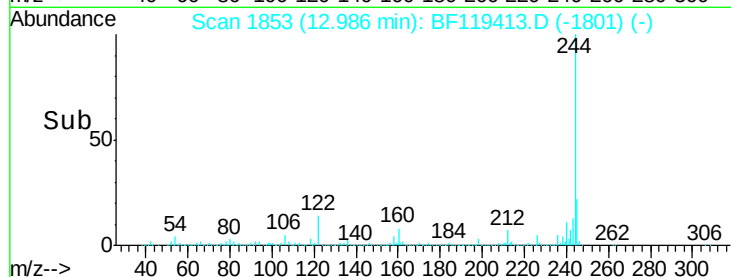
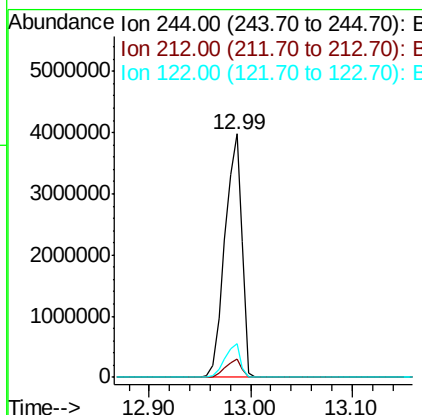
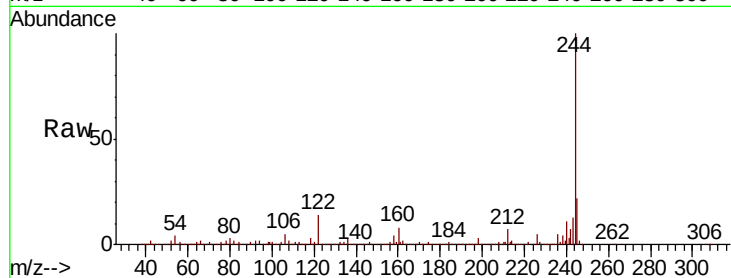
#79  
 Terphenyl-d14  
 Concen: 130.044 ng  
 RT: 12.99 min Scan# 1853  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:244 Resp: 4609935  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.7 8.5  
 122 13.7 9.8 14.8

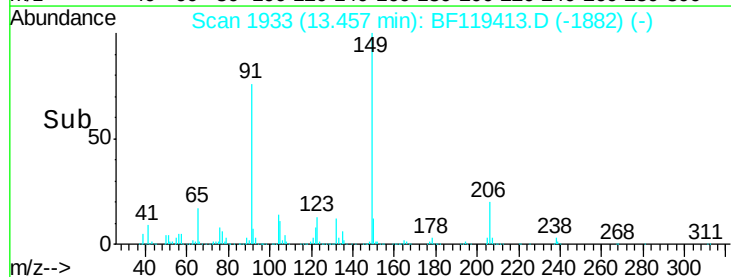
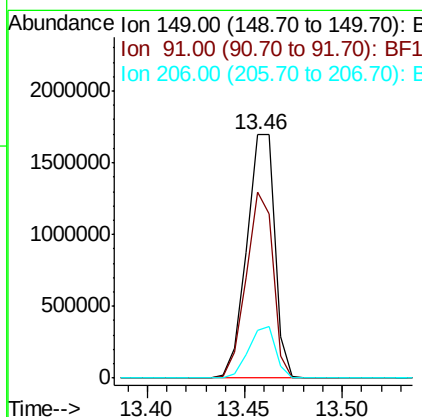
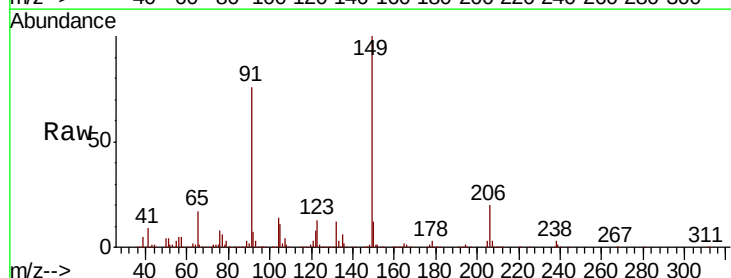
Manual Integrations  
 APPROVED

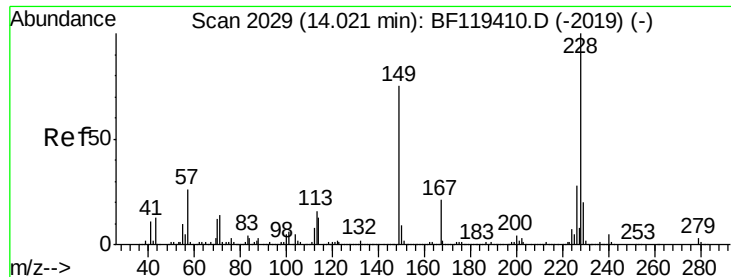
mohammad  
 3/19/2020 2:43:51 PM



#80  
 Butylbenzylphthalate  
 Concen: 82.019 ng  
 RT: 13.46 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Tgt Ion:149 Resp: 1691716  
 Ion Ratio Lower Upper  
 149 100  
 91 76.2 57.0 85.6  
 206 19.8 16.4 24.6





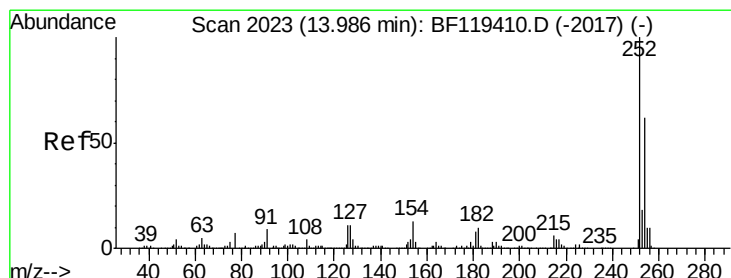
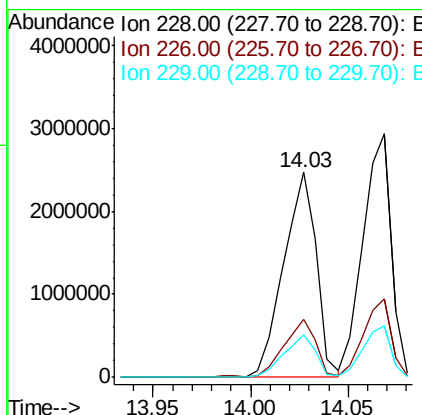
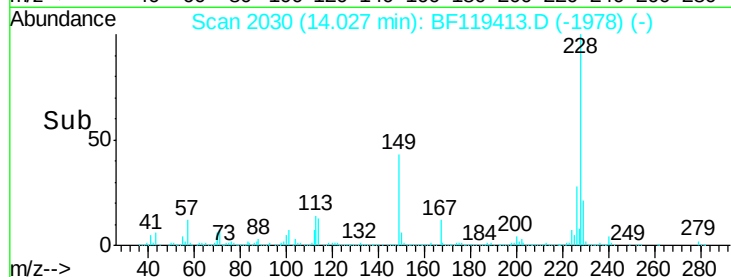
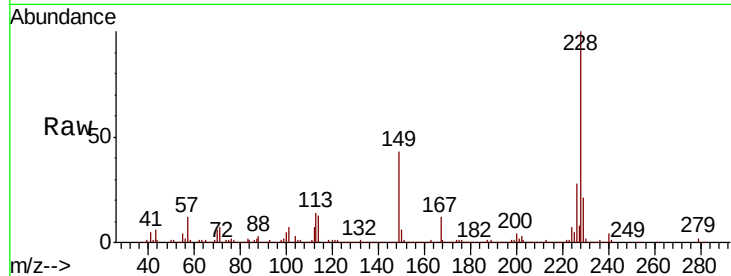
#81  
Benzo(a)anthracene  
Concen: 68.790 ng  
RT: 14.03 min Scan# 2030  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.3  | 33.5  |
| 229     | 20.9  | 16.3  | 24.5  |

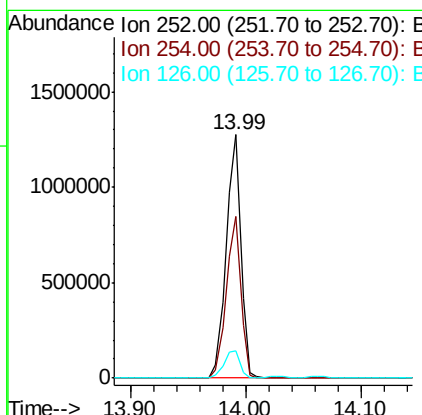
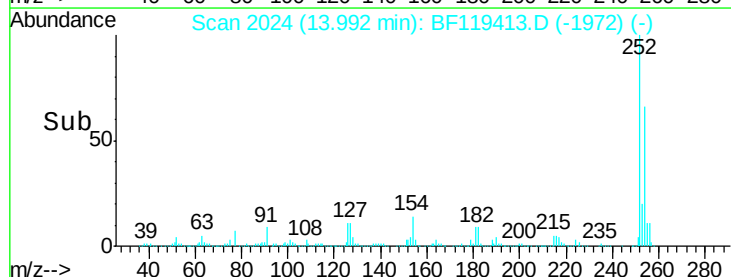
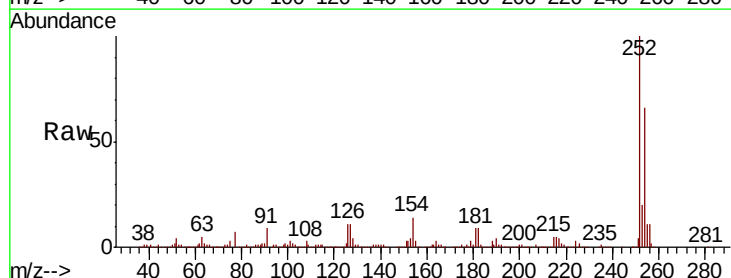
Manual Integrations  
APPROVED

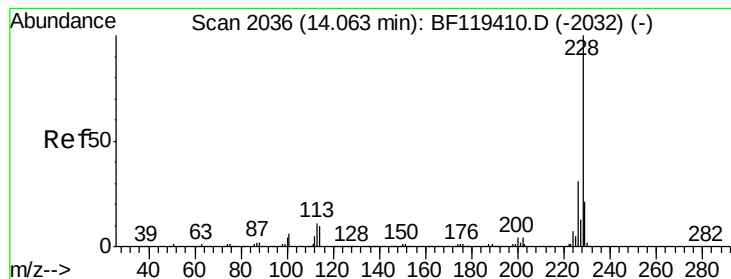
mohammad  
3/19/2020 2:43:51 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 69.668 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.5  | 49.8  | 74.8  |
| 126     | 11.2  | 8.9   | 13.3  |





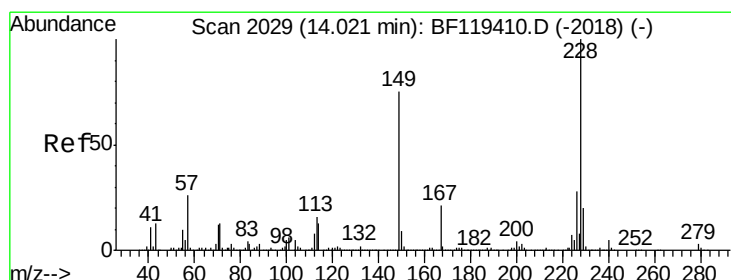
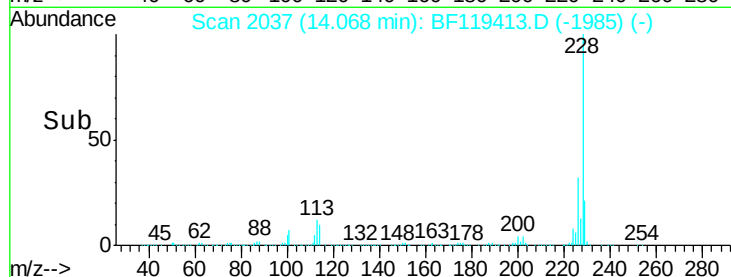
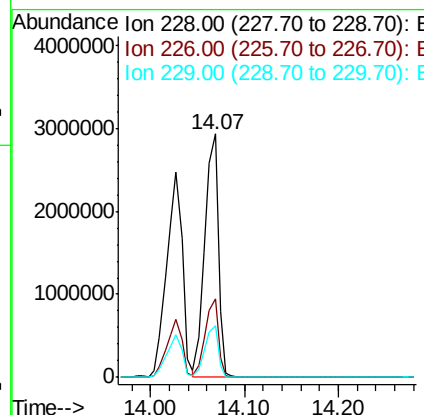
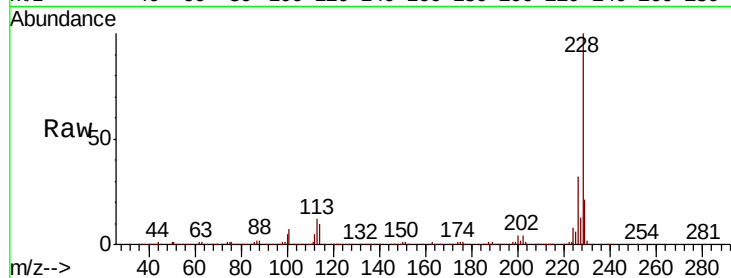
#83  
 Chrysene  
 Concen: 71.540 ng  
 RT: 14.07 min Scan# 2037  
 Delta R.T. 0.01 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.2  | 24.8  | 37.2  |
| 229     | 21.1  | 16.6  | 25.0  |

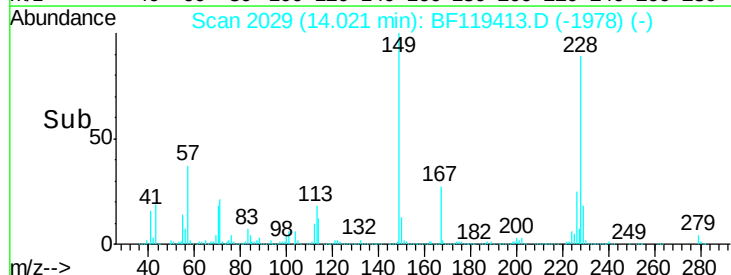
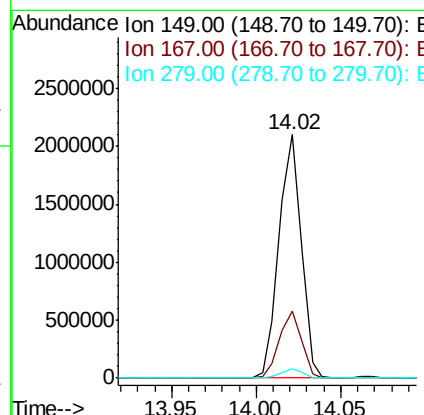
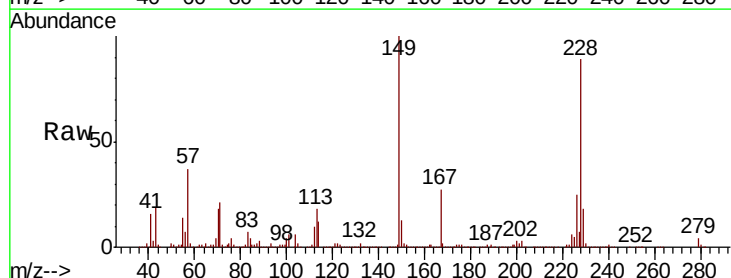
Manual Integrations  
 APPROVED

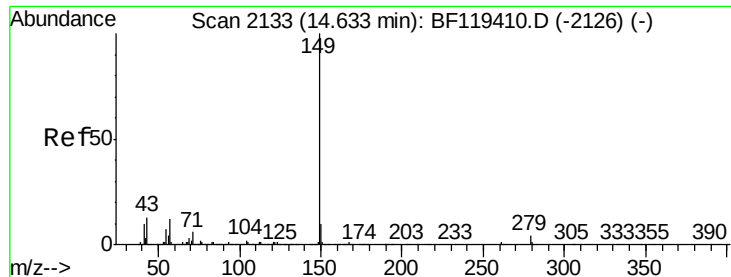
mohammad  
 3/19/2020 2:43:51 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 72.998 ng  
 RT: 14.02 min Scan# 2029  
 Delta R.T. -0.00 min  
 Lab File: BF119413.D  
 Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.3  | 22.0  | 33.0  |
| 279     | 3.7   | 3.2   | 4.8   |





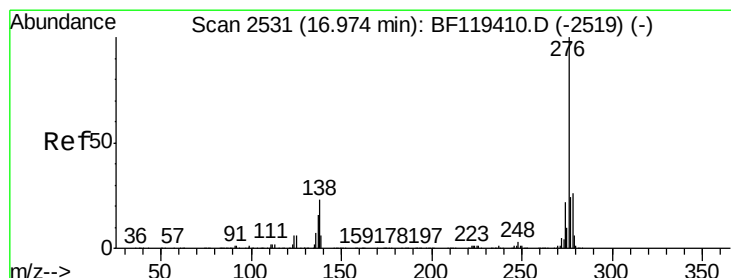
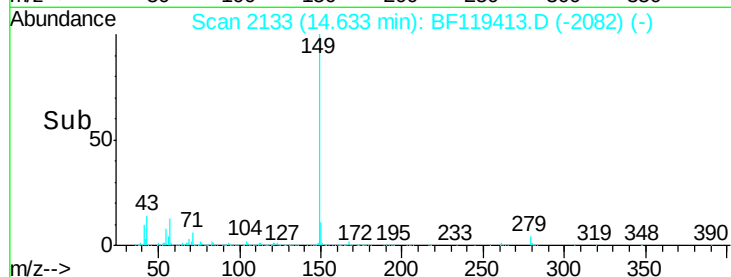
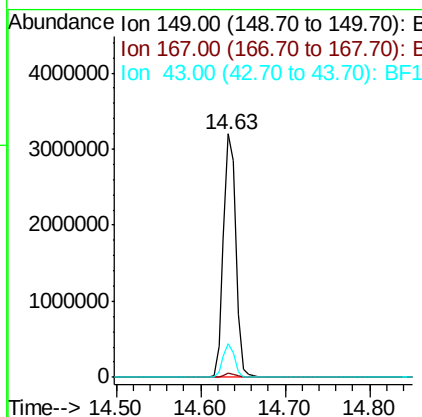
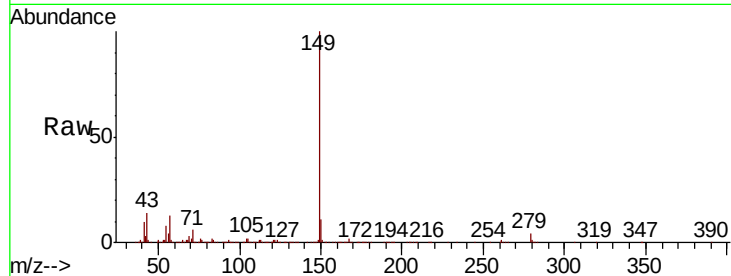
#85  
Di-n-octyl phthalate  
Concen: 79.391 ng  
RT: 14.63 min Scan# 2133  
Delta R.T. -0.00 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.1   | 1.7   |
| 43      | 12.9  | 10.1  | 15.1  |

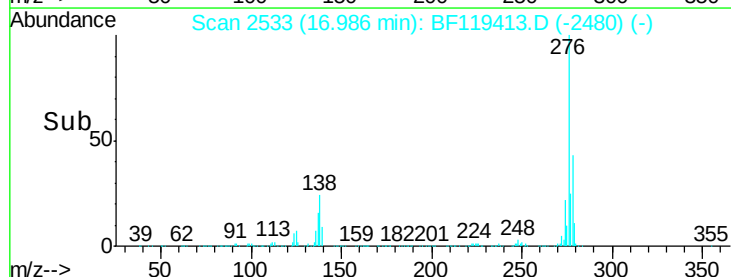
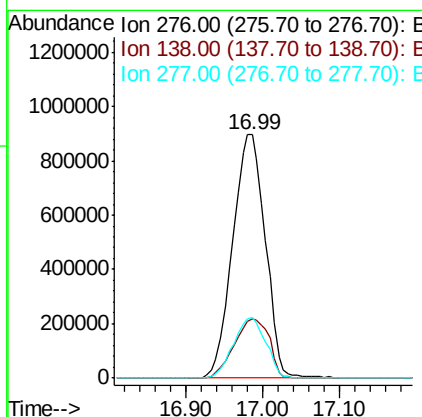
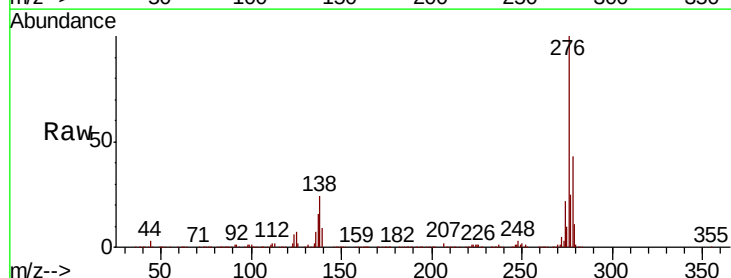
Manual Integrations  
APPROVED

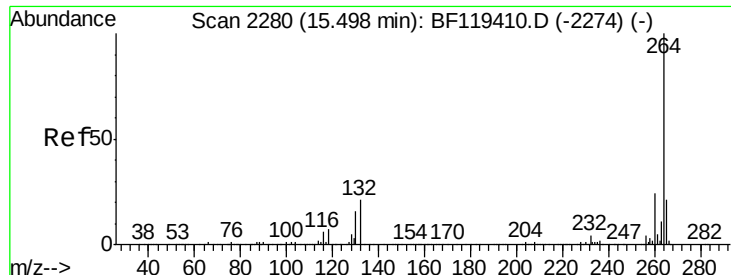
mohammad  
3/19/2020 2:43:51 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 66.054 ng  
RT: 16.99 min Scan# 2533  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.3  | 21.3  | 31.9  |
| 277     | 25.0  | 20.2  | 30.2  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

Instrument :

BNA\_F

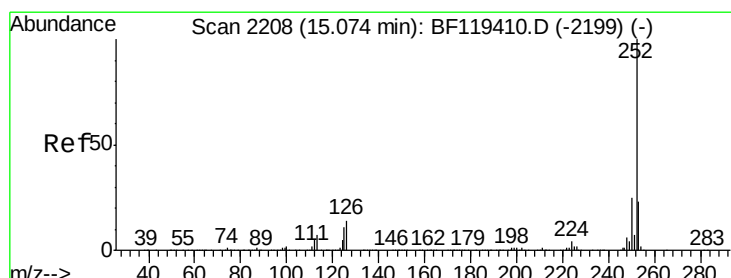
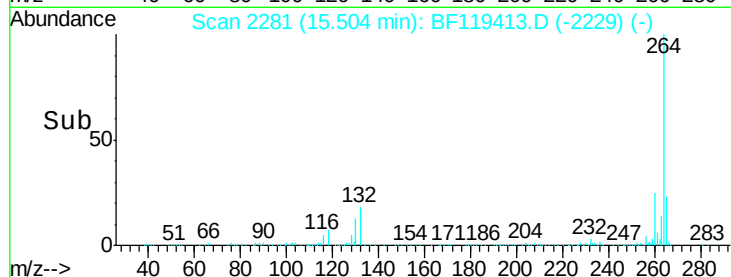
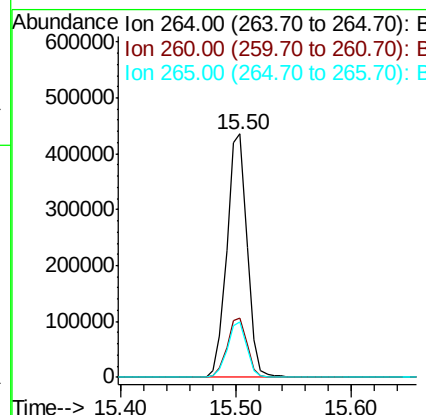
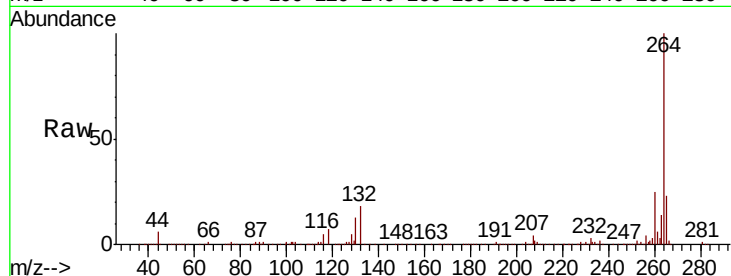
ClientSampleId :

SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 19.2  | 28.8  |
| 265     | 22.8  | 16.9  | 25.3  |

Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM



#88

Benzo(b)fluoranthene

Concen: 78.641 ng

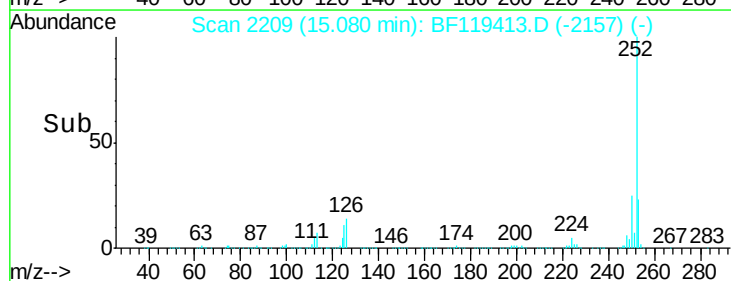
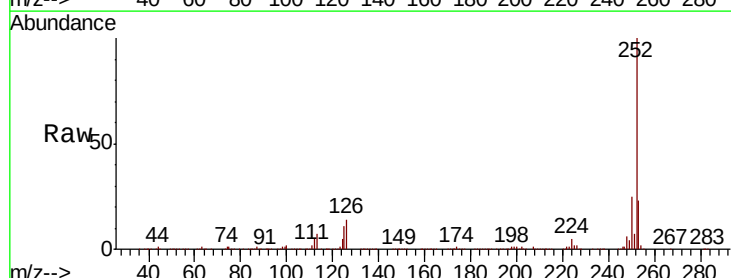
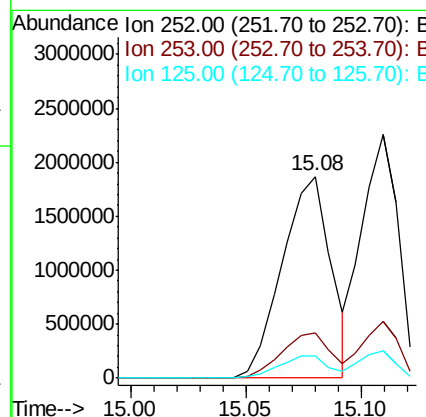
RT: 15.08 min Scan# 2209

Delta R.T. 0.01 min

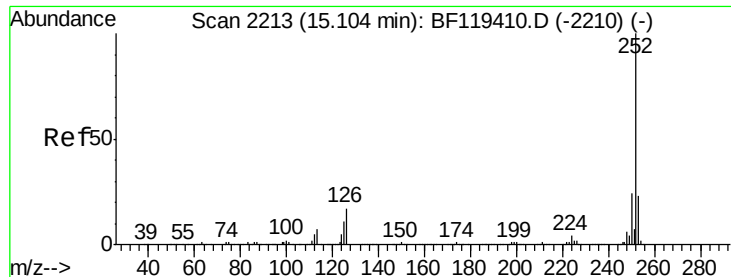
Lab File: BF119413.D

Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.4  |
| 125     | 10.7  | 8.8   | 13.2  |







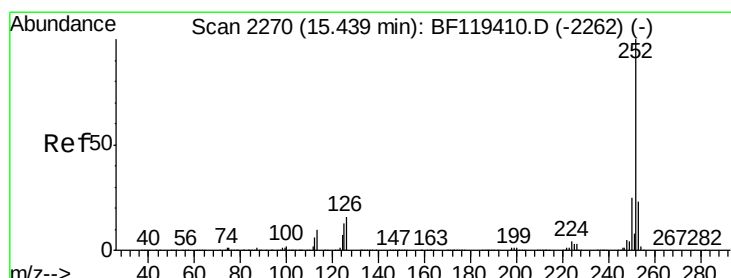
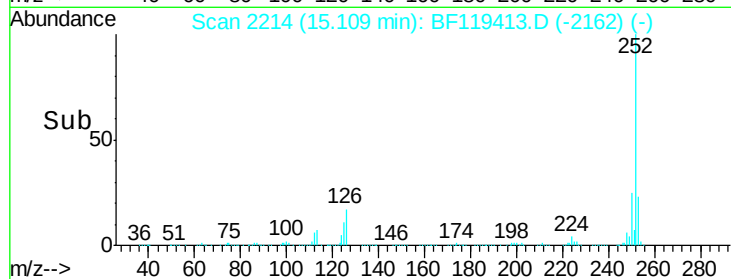
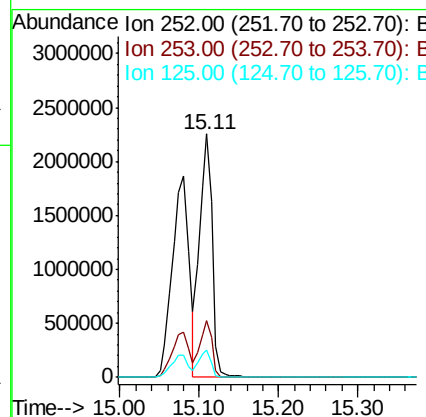
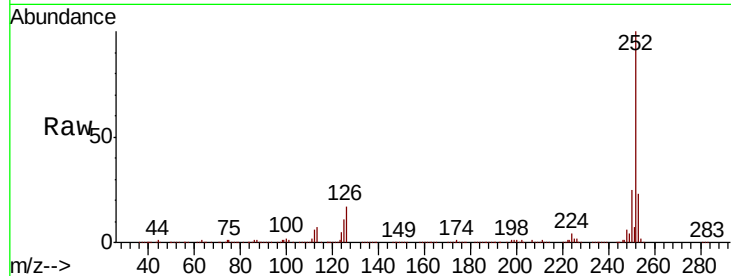
#89  
Benzo(k)fluoranthene  
Concen: 78.117 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 18.2  | 27.4  |
| 125     | 11.2  | 9.0   | 13.4  |

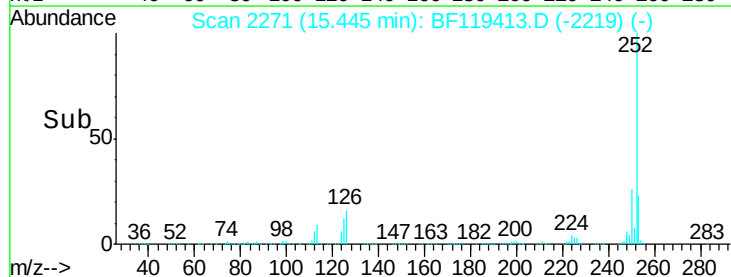
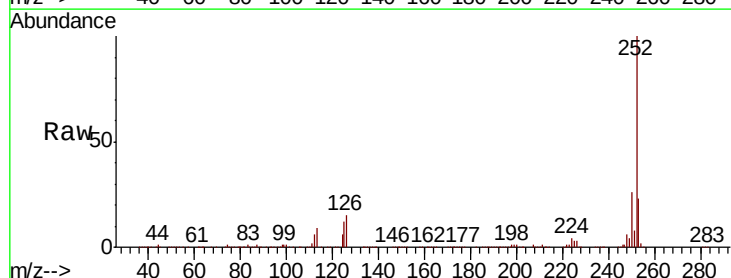
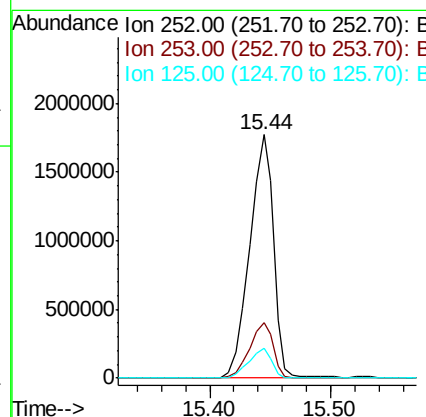
Manual Integrations  
APPROVED

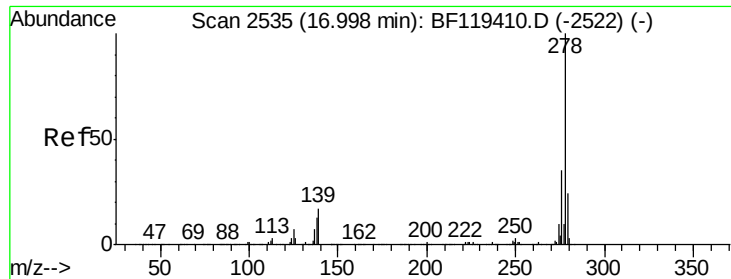
mohammad  
3/19/2020 2:43:51 PM



#90  
Benzo(a)pyrene  
Concen: 77.500 ng  
RT: 15.44 min Scan# 2271  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.2  | 27.4  |
| 125     | 12.2  | 10.2  | 15.2  |





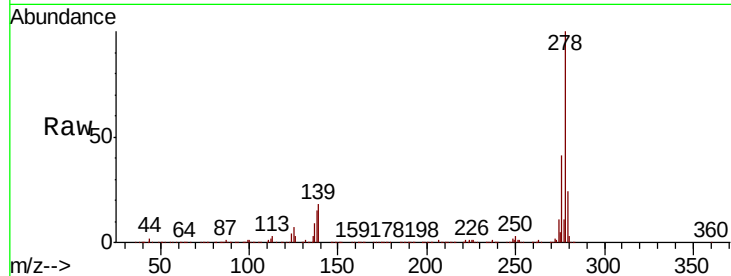
#91  
Dibenzo(a,h)anthracene  
Concen: 76.925 ng  
RT: 17.00 min Scan# 2536  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

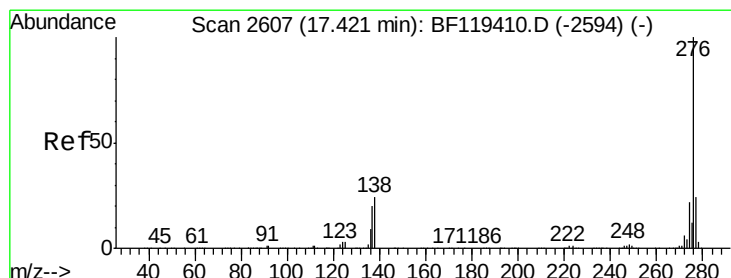
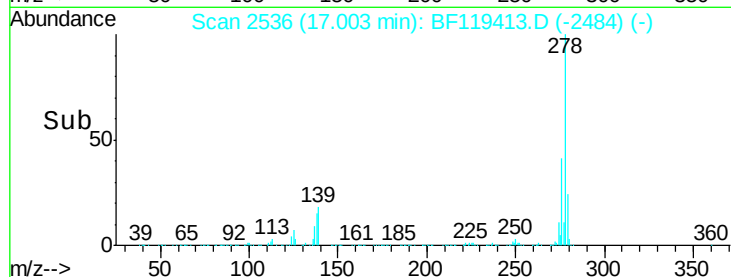
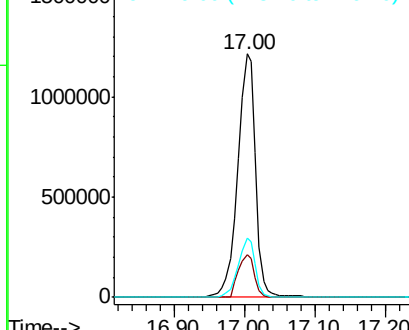
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.6  | 13.7  | 20.5  |
| 279     | 24.3  | 19.2  | 28.8  |

Manual Integrations  
APPROVED

mohammad  
3/19/2020 2:43:51 PM



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 80.423 ng  
RT: 17.43 min Scan# 2609  
Delta R.T. 0.01 min  
Lab File: BF119413.D  
Acq: 18 Mar 2020 13:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.8  | 28.2  |
| 138     | 23.8  | 19.1  | 28.7  |

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

