

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\  
 Data File : BM022729.D  
 Acq On : 20 Sep 2019 15:45  
 Operator : HP/JU  
 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 8:34:47 AM

Quant Time: Sep 20 16:29:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 15:22:36 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 178421   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.62 | 136  | 696483   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.46 | 164  | 388434   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.20 | 188  | 764703   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.38 | 240  | 777512   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.65 | 264  | 850366   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 2242726 | 223.99 | ng | 0.00 |
| 7) Phenol-d6             | 7.00  | 99  | 2841373 | 213.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.99  | 82  | 2468786 | 172.40 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.95 | 330 | 1022694 | 162.66 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.09 | 172 | 5477330 | 176.12 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.82 | 244 | 7266079 | 136.17 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.32  | 88  | 456130  | 108.730 | ng | # 100  |
| 3) Pyridine                    | 3.72  | 79  | 1178429 | 110.882 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.63  | 42  | 449673  | 70.624  | ng | # 98   |
| 6) Aniline                     | 7.16  | 93  | 1720055 | 96.354  | ng | 100    |
| 8) 2-Chlorophenol              | 7.40  | 128 | 1141968 | 95.792  | ng | 98     |
| 9) Benzaldehyde                | 6.97  | 77  | 635153  | 75.171  | ng | 99     |
| 10) Phenol                     | 7.02  | 94  | 1333054 | 94.436  | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.25  | 93  | 1058939 | 94.831  | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.72  | 146 | 1370763 | 94.338  | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 1378923 | 93.476  | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.18  | 146 | 1306508 | 90.937  | ng | 99     |
| 15) Benzyl Alcohol             | 8.07  | 79  | 905816  | 77.283  | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 1447564 | 93.564  | ng | 100    |
| 17) 2-Methylphenol             | 8.27  | 107 | 896252  | 89.019  | ng | 100    |
| 18) Hexachloroethane           | 8.91  | 117 | 506612  | 79.103  | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.64  | 70  | 761854  | 72.540  | ng | 99     |
| 20) 3+4-Methylphenols          | 8.60  | 107 | 1201653 | 88.374  | ng | 99     |
| 22) Acetophenone               | 8.65  | 105 | 1649825 | 92.337  | ng | # 98   |
| 24) Nitrobenzene               | 9.03  | 77  | 1167116 | 79.605  | ng | 98     |
| 25) Isophorone                 | 9.56  | 82  | 2063179 | 81.184  | ng | 98     |
| 26) 2-Nitrophenol              | 9.73  | 139 | 572469  | 92.180  | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.80  | 122 | 877359  | 93.725  | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93  | 1391910 | 92.580  | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.27 | 162 | 1021885 | 90.463  | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.49 | 180 | 1213906 | 87.242  | ng | 99     |
| 31) Naphthalene                | 10.67 | 128 | 3374578 | 93.289  | ng | 100    |
| 32) Benzoic acid               | 9.97  | 122 | 614055  | 76.844  | ng | 95     |
| 33) 4-Chloroaniline            | 10.77 | 127 | 1480230 | 97.779  | ng | 99     |
| 34) Hexachlorobutadiene        | 10.96 | 225 | 741033  | 62.069  | ng | 100    |
| 35) Caprolactam                | 11.58 | 113 | 318854m | 105.008 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.90 | 107 | 973981  | 81.572  | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.28 | 142 | 2361571 | 89.318  | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.50 | 142 | 2228807 | 88.252  | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.66 | 216 | 1331629 | 87.581  | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\  
 Data File : BM022729.D  
 Acq On : 20 Sep 2019 15:45  
 Operator : HP/JU  
 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 8:34:47 AM

Quant Time: Sep 20 16:29:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 15:22:36 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.64 | 237  | 777199   | 109.831 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.89 | 196  | 823966   | 90.402  | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.96 | 196  | 835097   | 90.264  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.30 | 154  | 3117258  | 102.044 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.34 | 162  | 2386726  | 94.935  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.53 | 65   | 654049   | 82.305  | nq    | 100      |
| 49) Acenaphthylene             | 14.19 | 152  | 3603405  | 93.444  | nq    | 100      |
| 50) Dimethylphthalate          | 13.92 | 163  | 2785599  | 85.298  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.03 | 165  | 612120   | 94.913  | nq    | 98       |
| 52) Acenaphthene               | 14.53 | 154  | 2222211  | 98.816  | nq    | 100      |
| 53) 3-Nitroaniline             | 14.36 | 138  | 709353   | 110.445 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.56 | 184  | 333317   | 104.555 | nq    | 96       |
| 55) Dibenzofuran               | 14.86 | 168  | 3332711  | 89.185  | nq    | 100      |
| 56) 4-Nitrophenol              | 14.66 | 139  | 556482   | 130.002 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.82 | 165  | 832259   | 89.890  | nq    | 95       |
| 58) Fluorene                   | 15.51 | 166  | 2672984  | 84.850  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.09 | 232  | 743560   | 80.611  | nq    | 96       |
| 60) Diethylphthalate           | 15.29 | 149  | 2734874  | 79.415  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204  | 1386512  | 69.836  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.53 | 138  | 745962   | 125.489 | nq    | 99       |
| 63) Azobenzene                 | 15.80 | 77   | 2402442  | 72.395  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.59 | 198  | 424736   | 92.508  | nq    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.72 | 169  | 2328466  | 94.963  | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.39 | 248  | 878227   | 77.502  | nq    | 99       |
| 68) Hexachlorobenzene          | 16.52 | 284  | 997642   | 77.494  | nq    | 96       |
| 69) Atrazine                   | 16.67 | 200  | 786871   | 96.910  | nq    | 99       |
| 70) Pentachlorophenol          | 16.85 | 266  | 594344   | 94.891  | nq    | 99       |
| 71) Phenanthrene               | 17.24 | 178  | 4218893  | 95.136  | nq    | 99       |
| 72) Anthracene                 | 17.33 | 178  | 4149247  | 94.256  | nq    | 99       |
| 73) Carbazole                  | 17.60 | 167  | 3868604  | 105.318 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.17 | 149  | 4536214  | 81.392  | nq    | 100      |
| 75) Fluoranthene               | 19.26 | 202  | 4871535  | 91.096  | nq    | 98       |
| 77) Benzidine                  | 19.43 | 184  | 1939981  | 111.243 | nq    | 100      |
| 78) Pyrene                     | 19.62 | 202  | 5023663  | 91.794  | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.52 | 149  | 2088305  | 85.313  | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.36 | 228  | 4930411  | 90.170  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 1801564  | 94.497  | nq    | 99       |
| 83) Chrysene                   | 21.41 | 228  | 4680379  | 88.671  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 2942737  | 79.938  | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.19 | 149  | 4993291  | 83.802  | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.98 | 276  | 6065705  | 102.590 | nq    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.97 | 252  | 5063774  | 89.181  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 23.02 | 252  | 5063915  | 91.236  | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.56 | 252  | 4833216  | 93.467  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.99 | 278  | 4952818  | 90.141  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.69 | 276  | 4846827  | 100.899 | nq    | 99       |

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

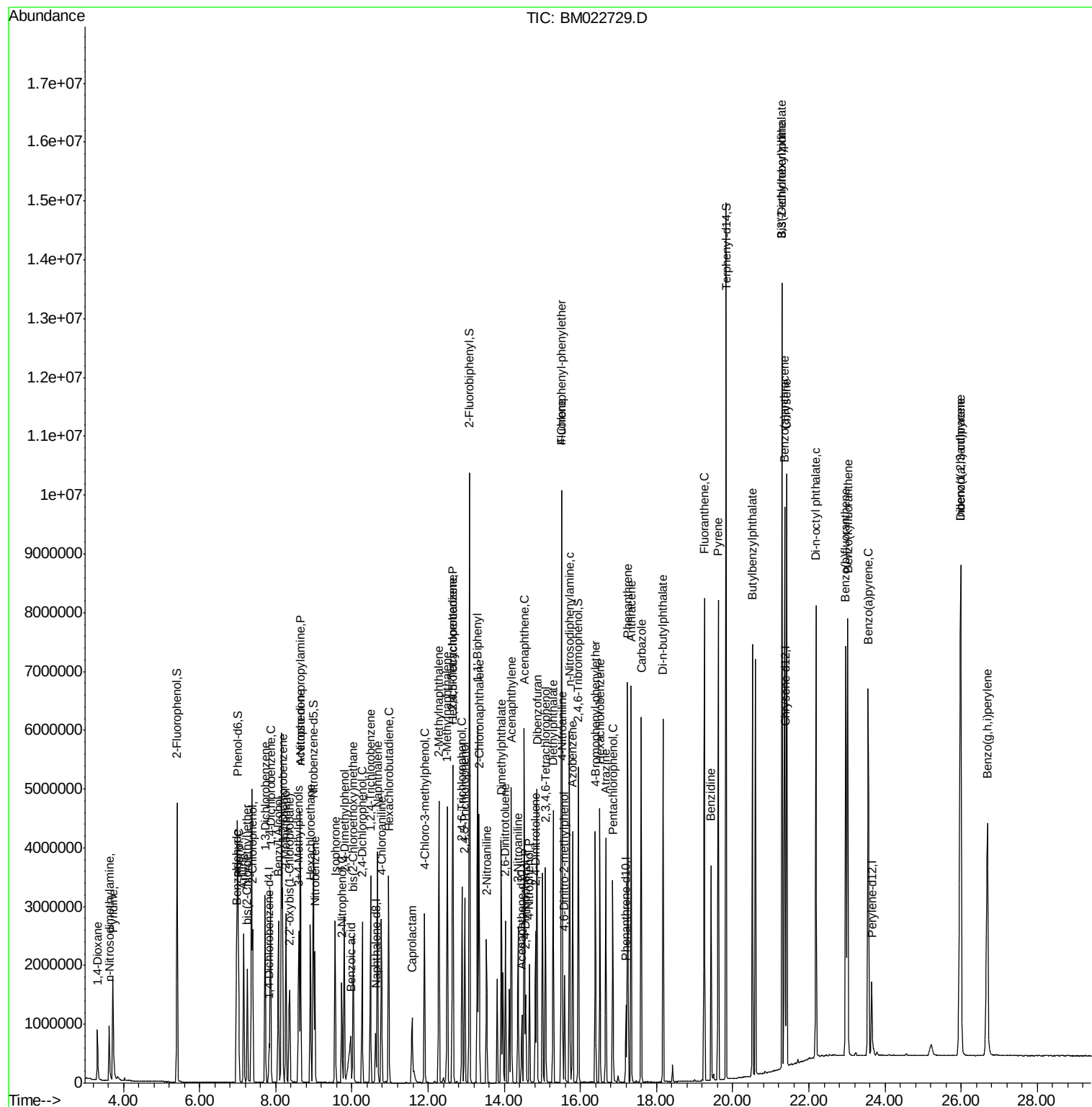
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\  
Data File : BM022729.D  
Acq On : 20 Sep 2019 15:45  
Operator : HP/JU  
Sample : SSTDICC100  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

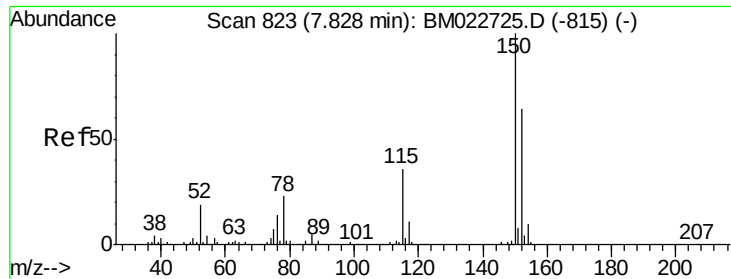
Instrument :  
BNA\_M  
Client Sample Id :  
SSTDICC100

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM

Quant Time: Sep 20 16:29:19 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 20 15:22:36 2019  
Response via : Initial Calibration





#1

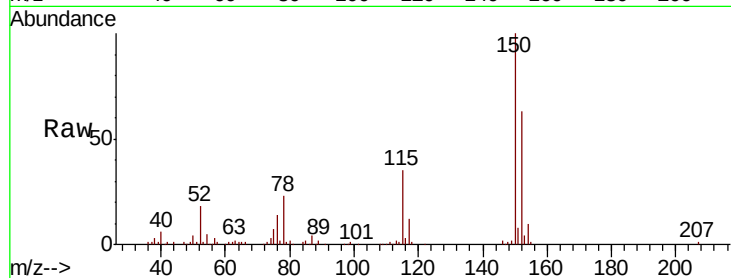
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.83 min Scan# 823  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.1 | 124.5 | 186.7 |
| 115     | 55.1  | 45.0  | 67.4  |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM

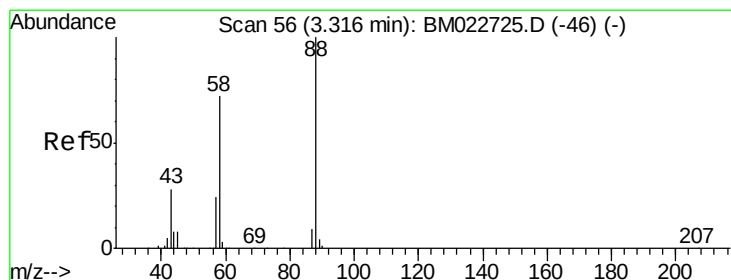
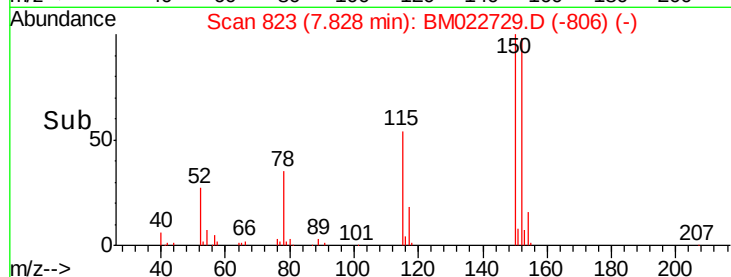
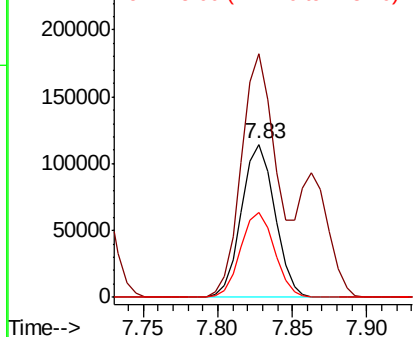


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

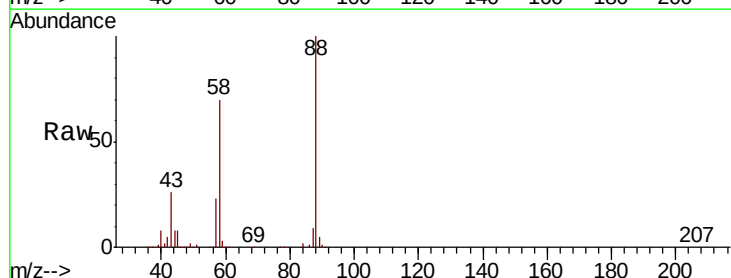
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 108.730 ng  
RT: 3.32 min Scan# 56  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.8  | 0.0   | 0.0#  |
| 43      | 26.1  | 0.0   | 0.0#  |

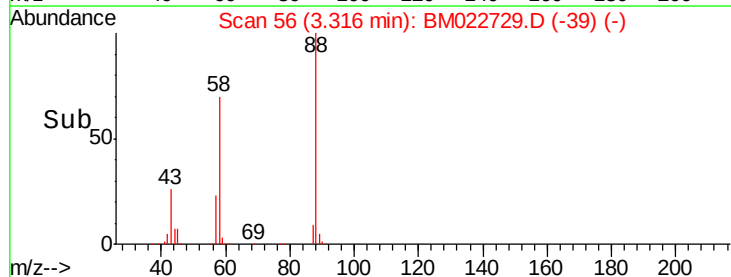
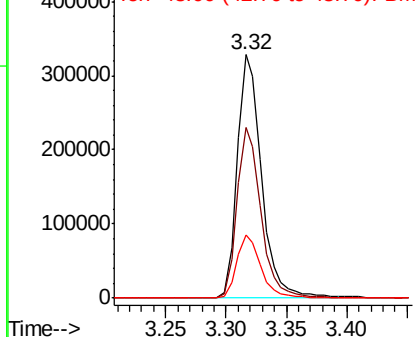


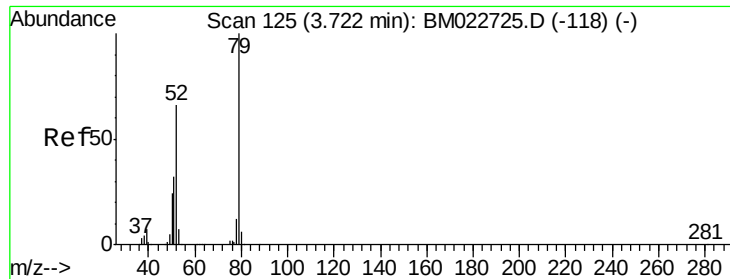
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





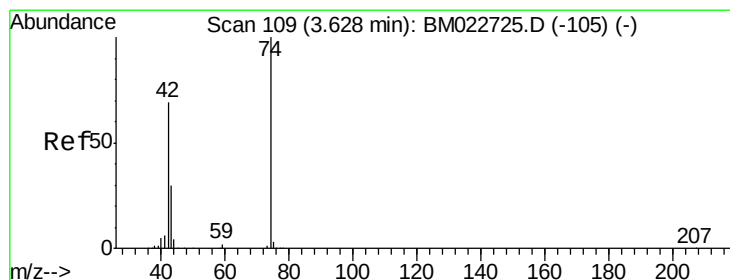
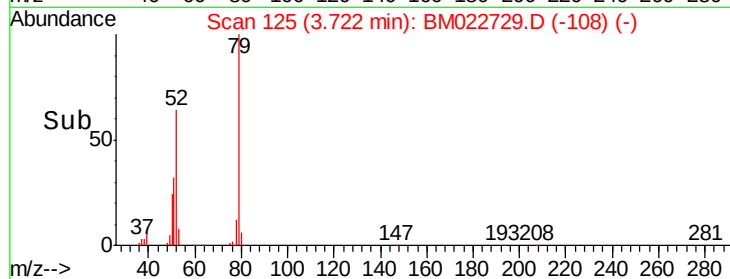
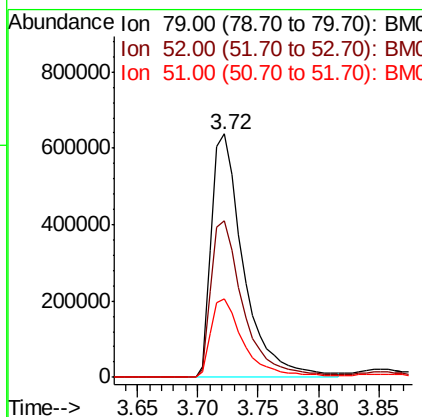
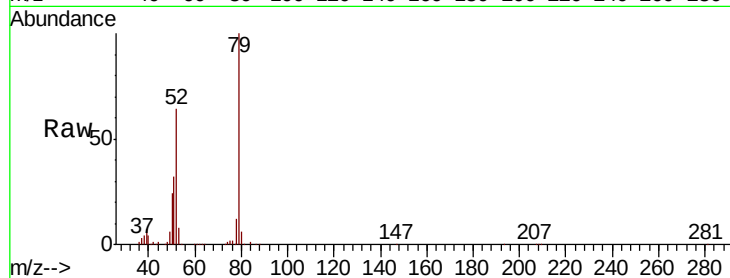
#3  
 Pvridine  
 Concen: 110.882 ng  
 RT: 3.72 min Scan# 125  
 Delta R.T. -0.00 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 64.5  | 52.4  | 78.6  |
| 51      | 32.3  | 26.2  | 39.4  |

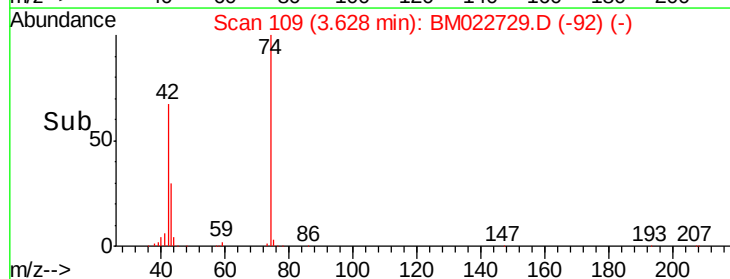
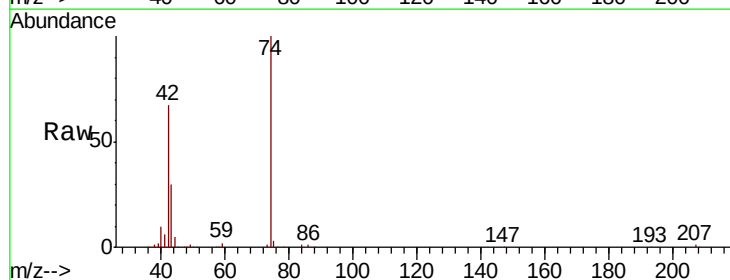
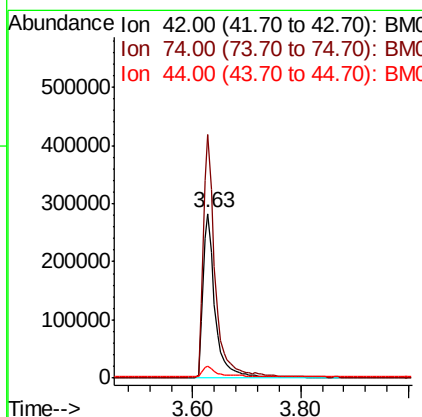
Manual Integrations  
 APPROVED

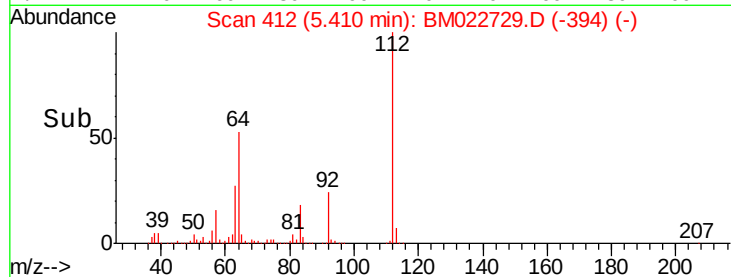
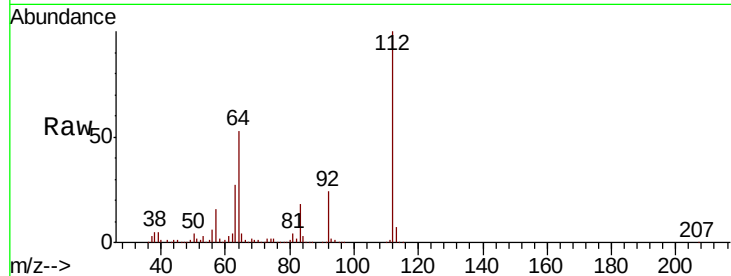
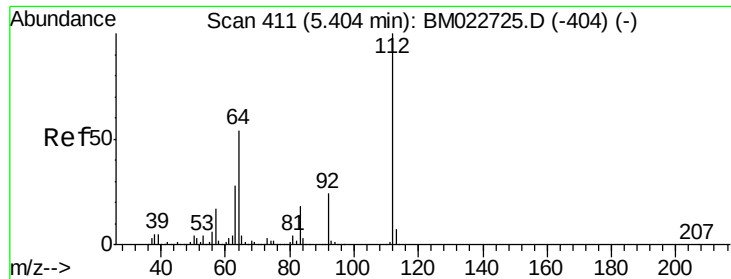
mohammad  
 9/24/2019 8:34:47 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 70.624 ng  
 RT: 3.63 min Scan# 109  
 Delta R.T. -0.00 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 148.2 | 116.6 | 175.0 |
| 44      | 7.4   | 8.2   | 12.4  |





#5

2-Fluorophenol

Concen: 223.992 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.7  | 43.4  | 65.2  |
| 63      | 26.9  | 22.1  | 33.1  |

Instrument :

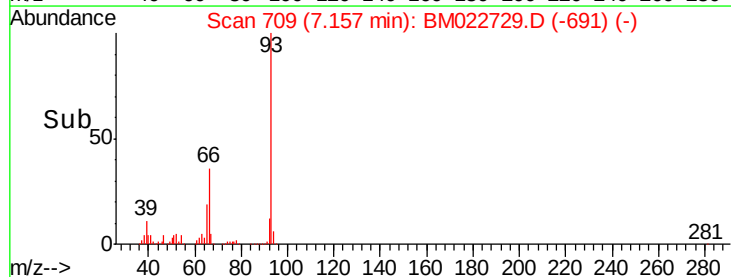
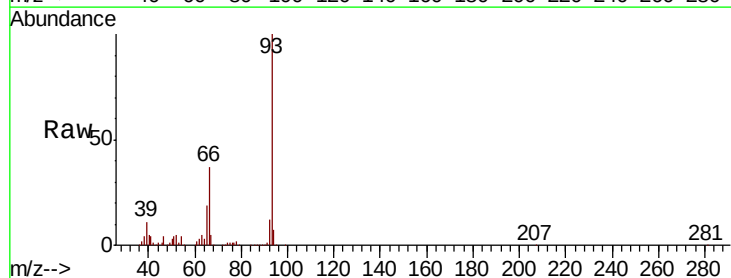
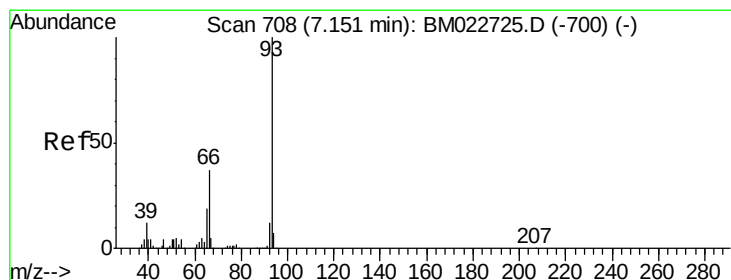
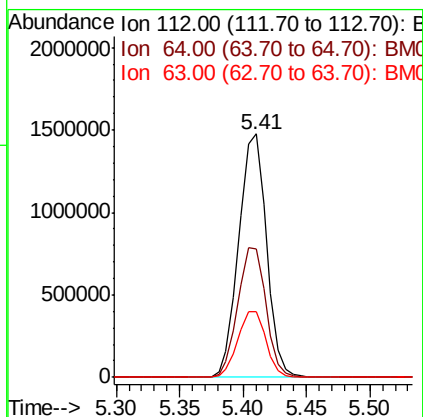
BNA\_M

ClientSampleId :

SSTDICC100

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#6

Aniline

Concen: 96.354 ng

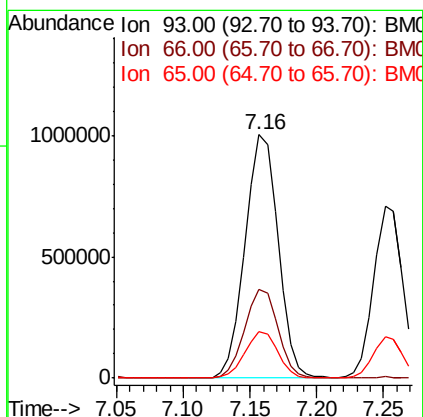
RT: 7.16 min Scan# 709

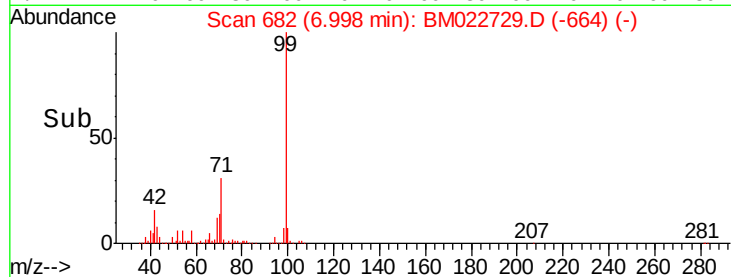
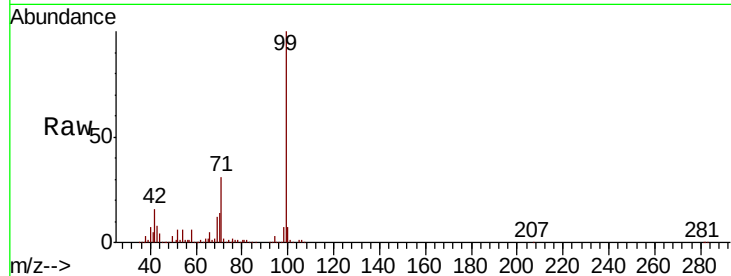
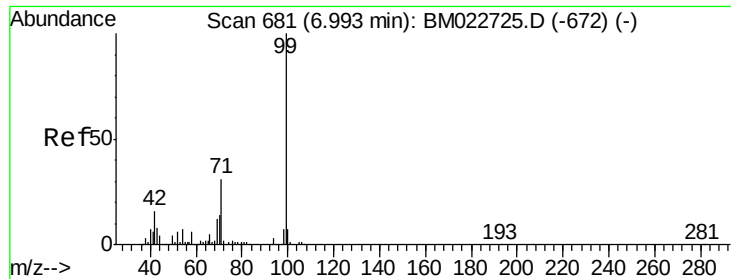
Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 36.5  | 29.3  | 43.9  |
| 65      | 19.0  | 15.3  | 22.9  |





#7

Phenol-d6

Concen: 213.101 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Tot Ion: 99 Resp: 2841373

Ion Ratio Lower Upper

99 100

42 15.9 13.0 19.4

71 31.3 24.7 37.1

Instrument :

BNA\_M

ClientSampleId :

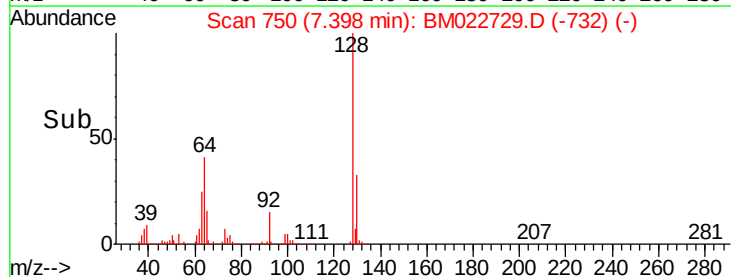
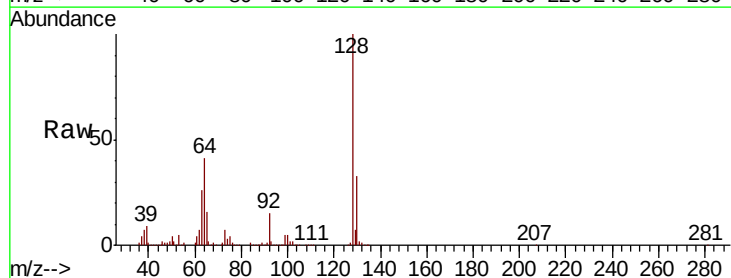
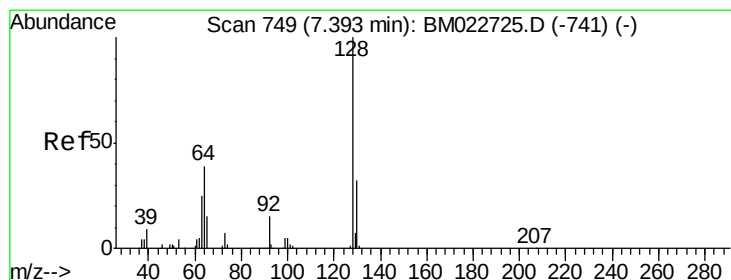
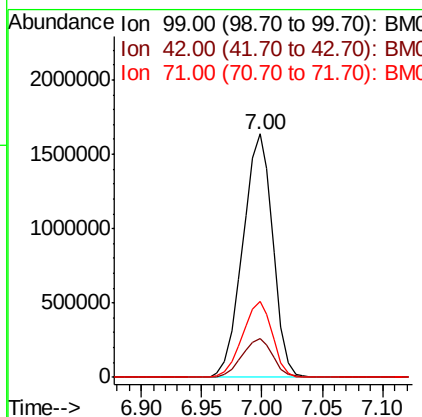
SSTDICC100

Manual Integrations

APPROVED

mohammad

9/24/2019 8:34:47 AM



#8

2-Chlorophenol

Concen: 95.792 ng

RT: 7.40 min Scan# 750

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

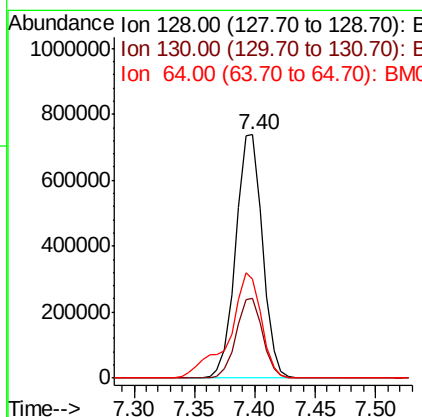
Tgt Ion: 128 Resp: 1141968

Ion Ratio Lower Upper

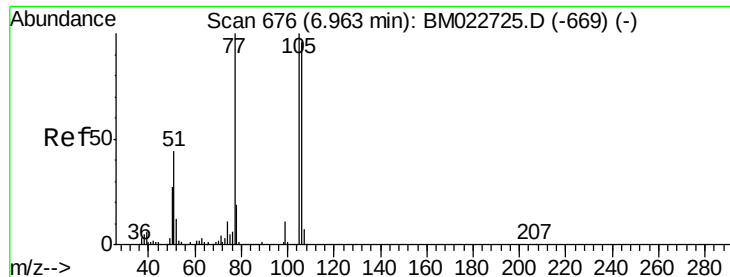
128 100

130 32.7 12.1 52.1

64 40.7 22.9 62.9







#9

Benzaldehyde

Concen: 75.171 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

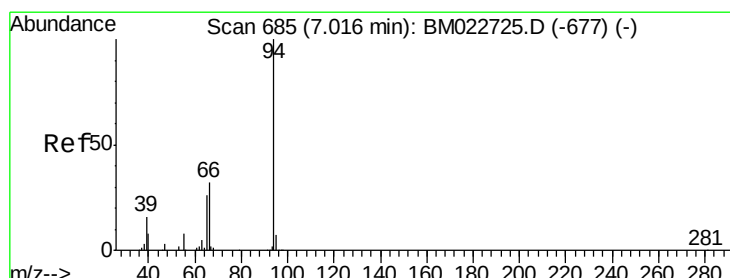
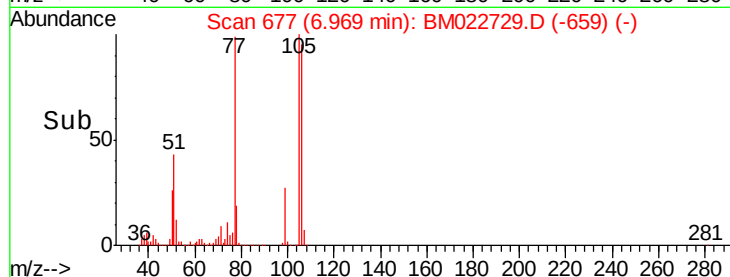
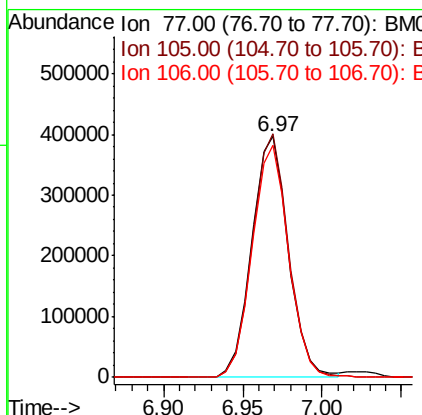
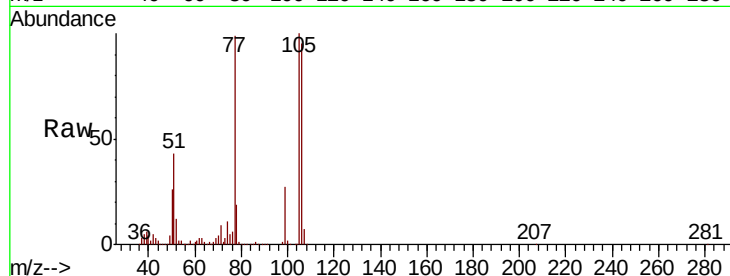
ClientSampled :

SSTDICC100

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |
| 105     | 101.1 | 79.6  | 119.6 |       |
| 106     | 96.5  | 76.3  | 116.3 |       |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#10

Phenol

Concen: 94.436 ng

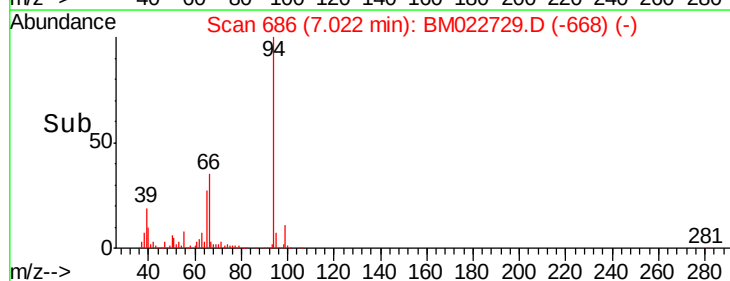
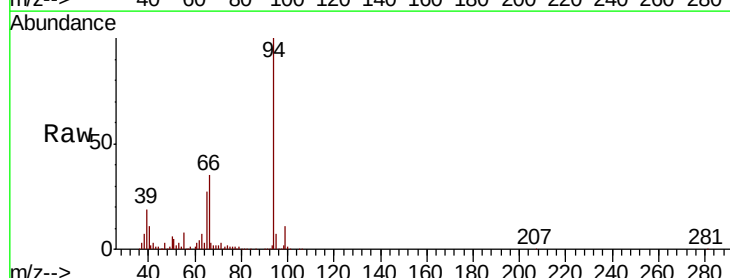
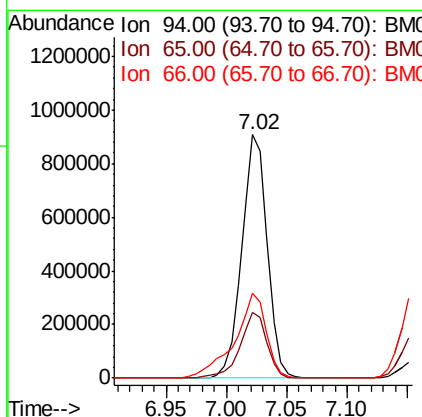
RT: 7.02 min Scan# 686

Delta R.T. 0.01 min

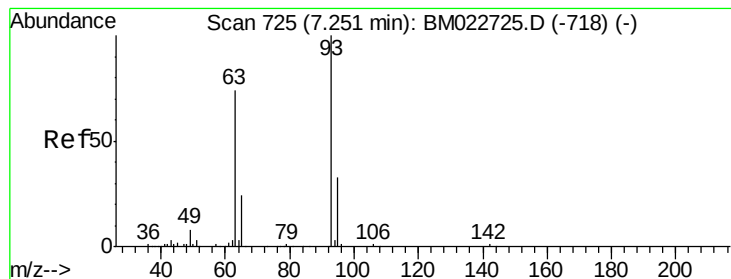
Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 94      | 100  |       |       |       |
| 65      | 26.9 | 6.7   | 46.7  |       |
| 66      | 34.8 | 13.8  | 53.8  |       |







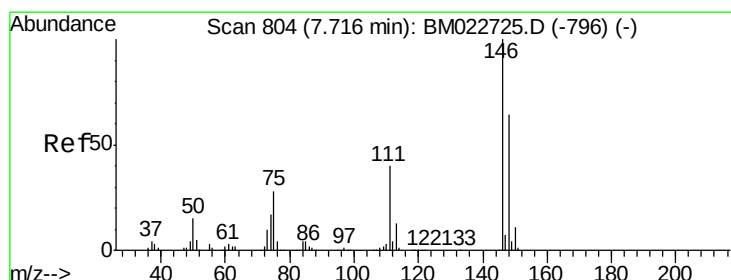
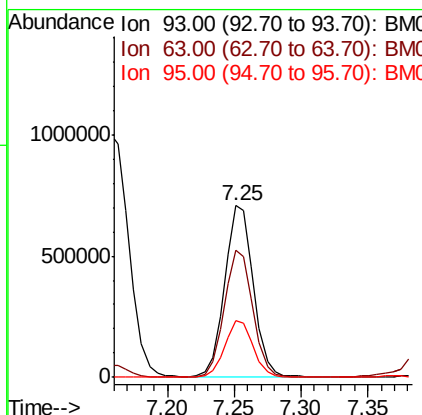
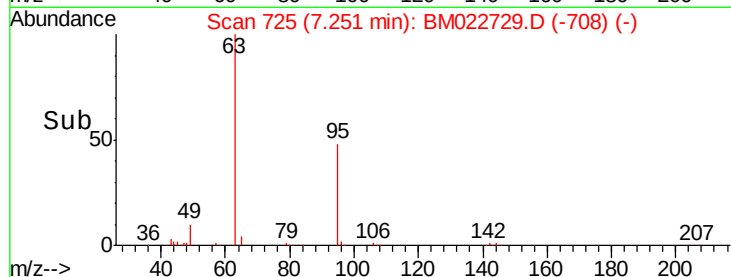
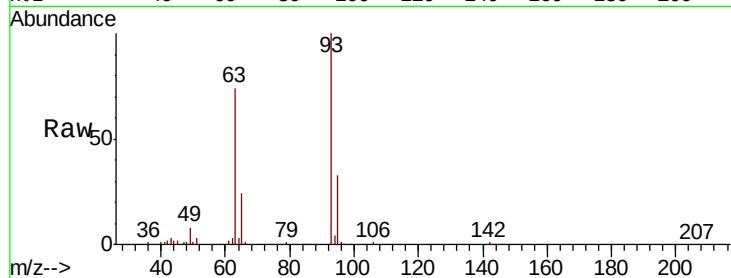
#11  
bis(2-Chloroethyl)ether  
Concen: 94.831 ng  
RT: 7.25 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.2  | 53.8  | 93.8  |
| 95      | 33.0  | 12.7  | 52.7  |

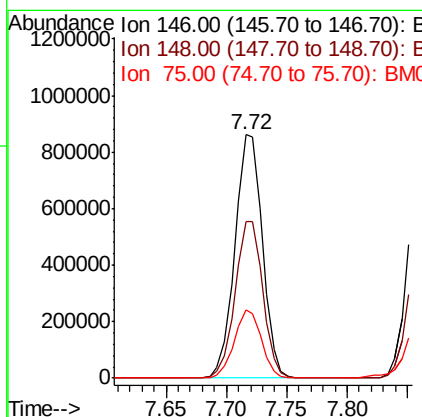
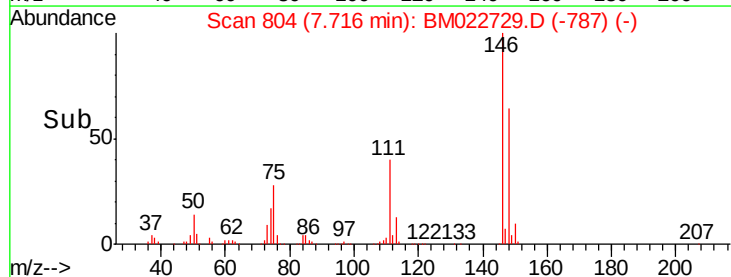
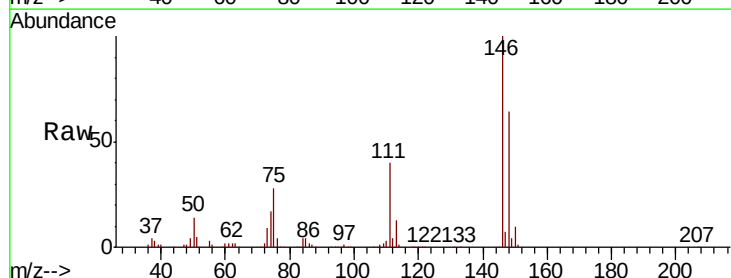
Manual Integrations  
APPROVED

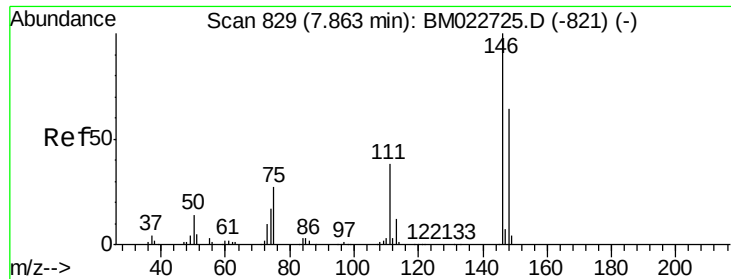
mohammad  
9/24/2019 8:34:47 AM



#12  
1,3-Dichlorobenzene  
Concen: 94.338 ng  
RT: 7.72 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.3  | 76.9  |
| 75      | 28.0  | 22.5  | 33.7  |





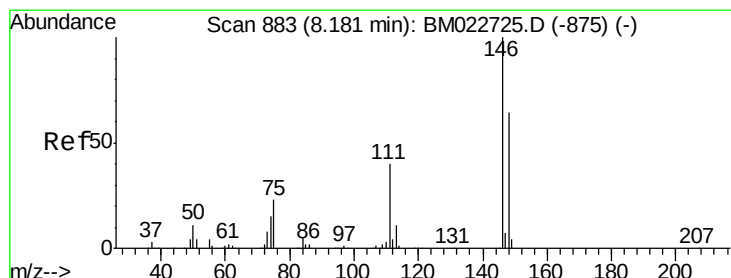
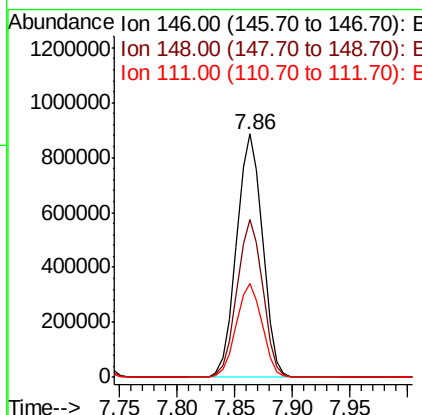
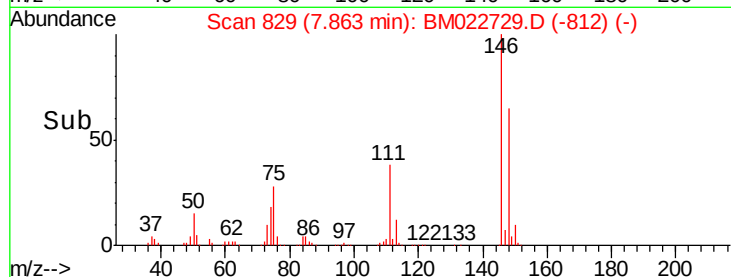
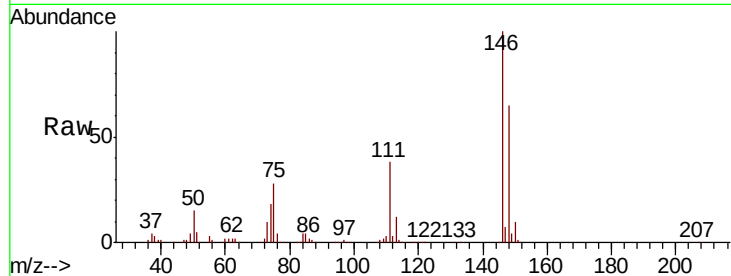
#13  
1,4-Dichlorobenzene  
Concen: 93.476 ng  
RT: 7.86 min Scan# 829  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.4  | 77.0  |
| 111     | 38.4  | 30.9  | 46.3  |

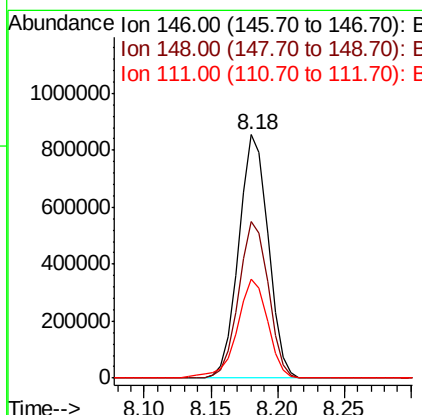
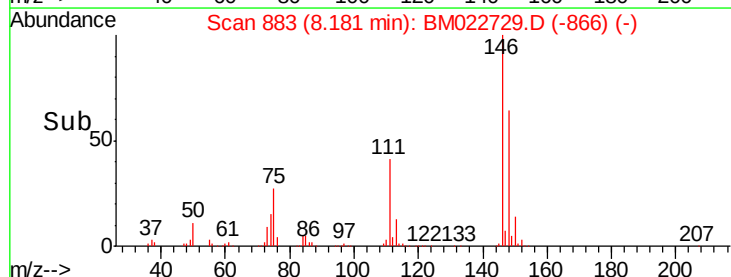
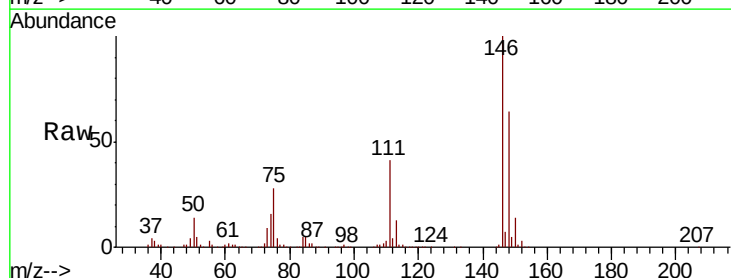
Manual Integrations  
APPROVED

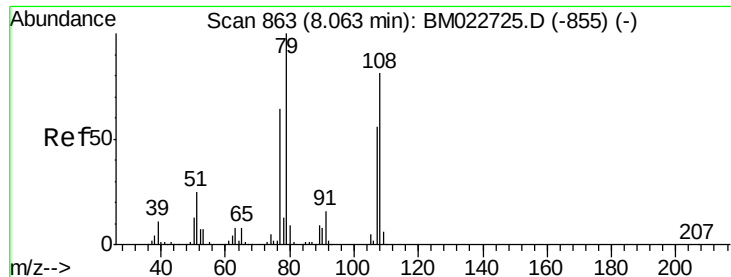
mohammad  
9/24/2019 8:34:47 AM



#14  
1,2-Dichlorobenzene  
Concen: 90.937 ng  
RT: 8.18 min Scan# 883  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.3  | 76.9  |
| 111     | 40.8  | 32.3  | 48.5  |





#15

Benzyl Alcohol

Concen: 77.283 ng

RT: 8.07 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

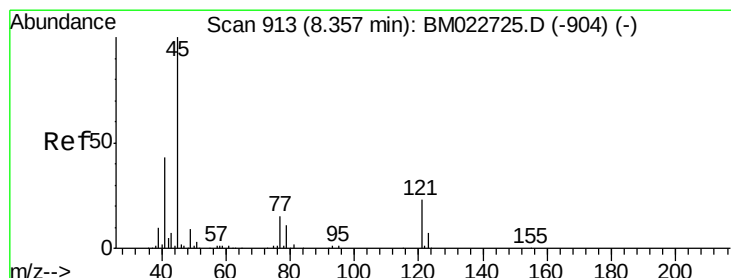
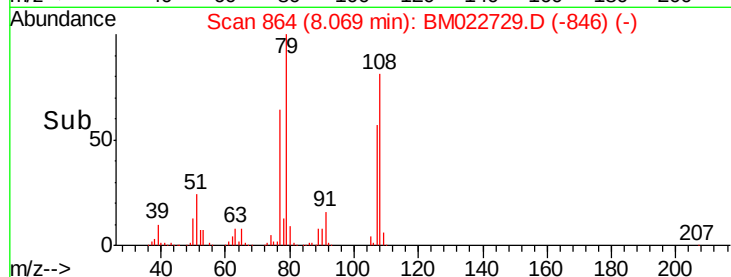
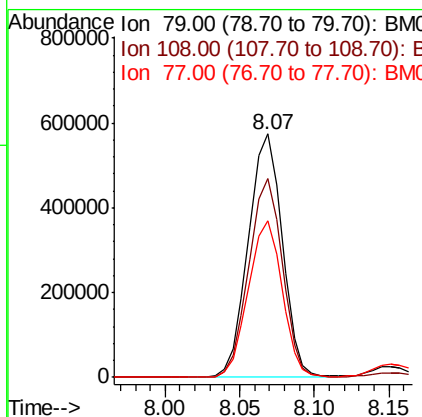
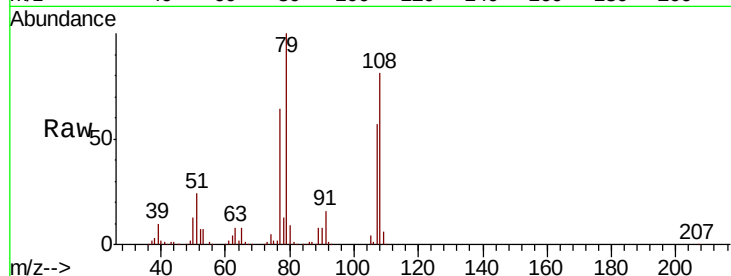
ClientSampleId :

SSTDICC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 905816 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.4  | 64.9  | 97.3   |
| 77        | 64.2  | 51.1  | 76.7   |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 93.564 ng

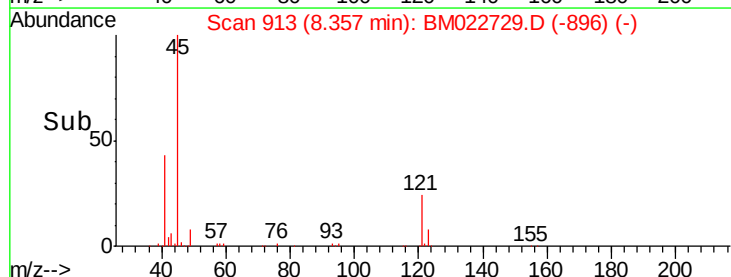
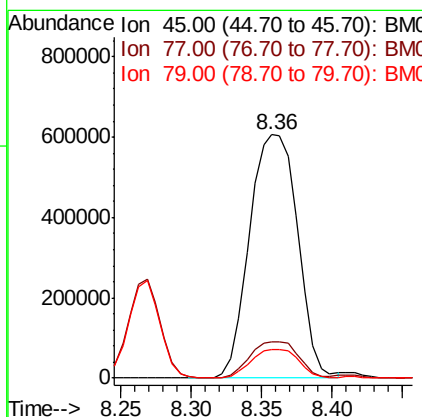
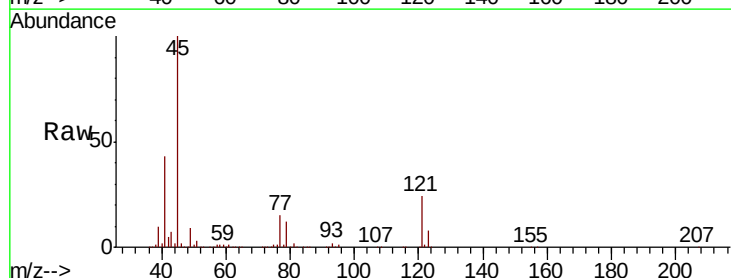
RT: 8.36 min Scan# 913

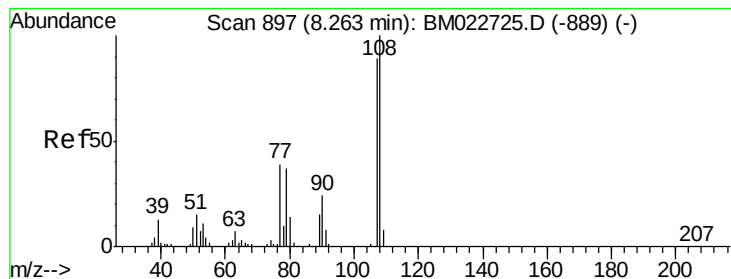
Delta R.T. -0.00 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1447564 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 14.8  | 0.0   | 35.1    |
| 79        | 11.5  | 0.0   | 31.4    |





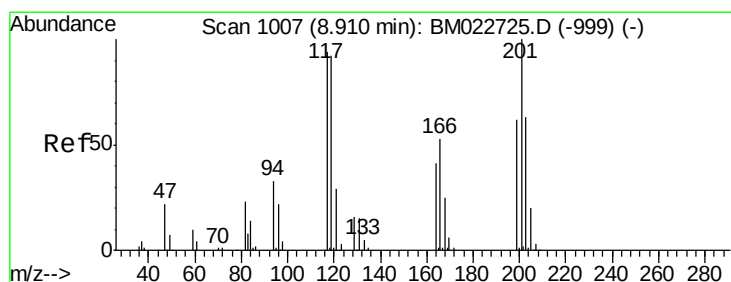
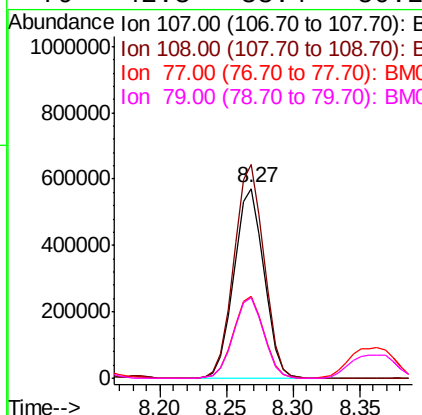
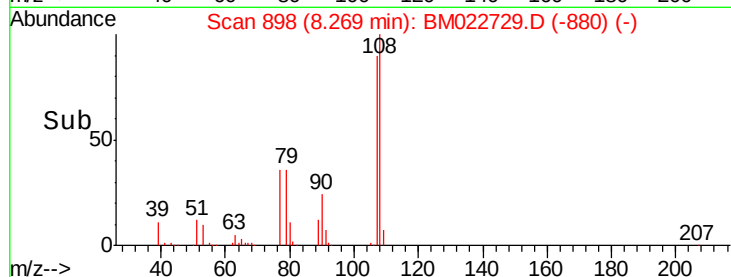
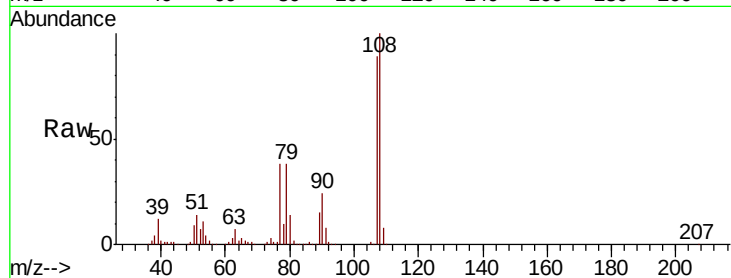
#17  
2-Methylphenol  
Concen: 89.019 ng  
RT: 8.27 min Scan# 898  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.5 | 90.0 | 135.0 |       |
| 77      | 43.3  | 35.2 | 52.8  |       |
| 79      | 42.3  | 33.4 | 50.2  |       |

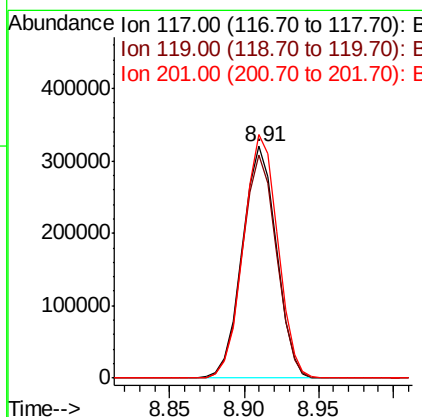
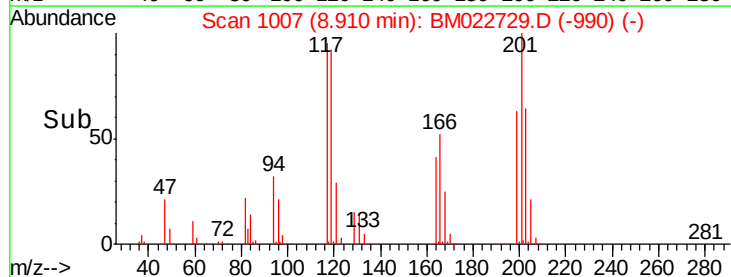
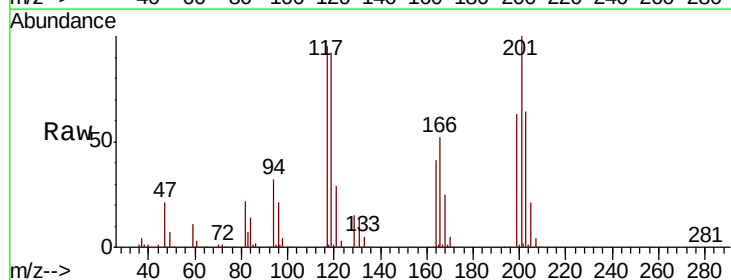
Manual Integrations  
APPROVED

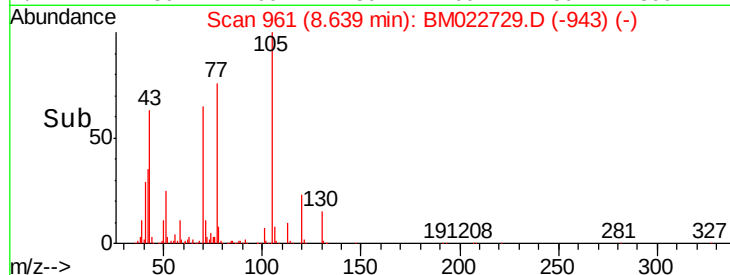
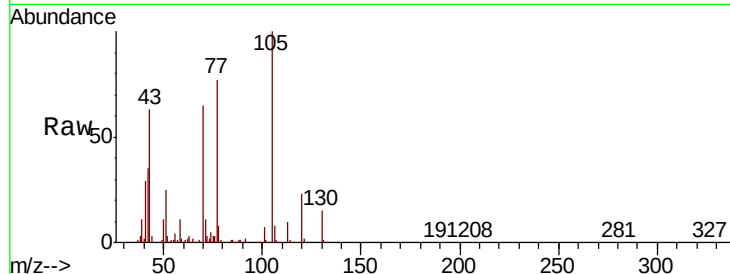
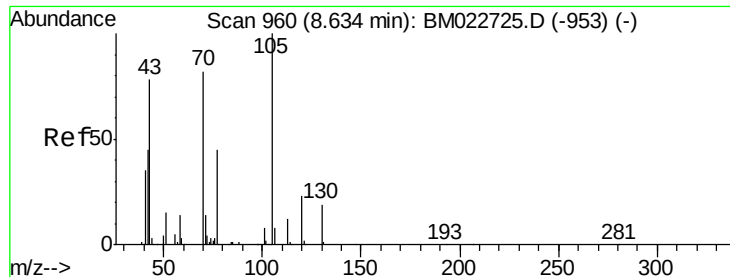
mohammad  
9/24/2019 8:34:47 AM



#18  
Hexachloroethane  
Concen: 79.103 ng  
RT: 8.91 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.5  | 78.0 | 117.0 |       |
| 201     | 105.1 | 85.0 | 127.6 |       |





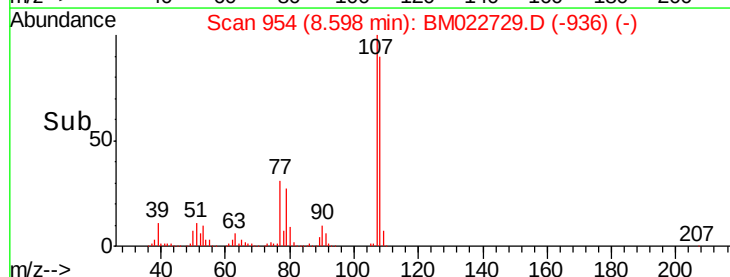
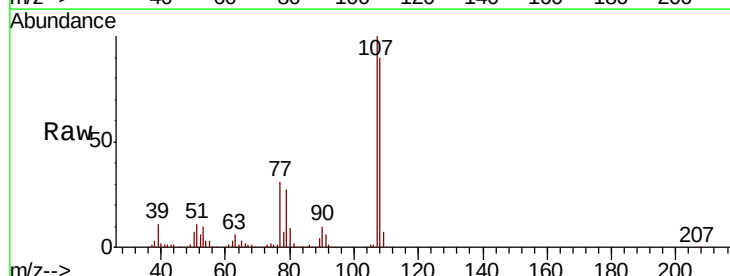
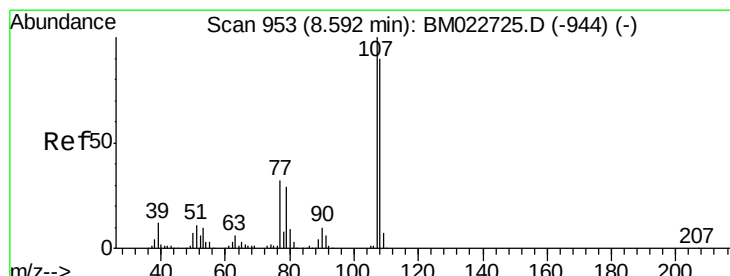
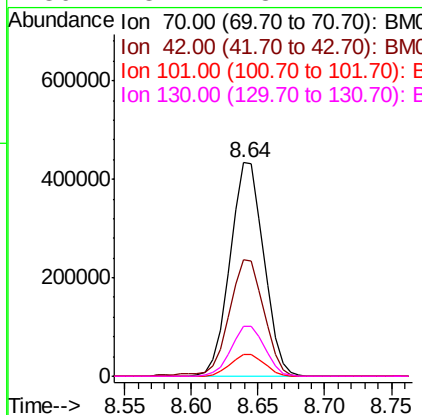
#19  
n-Nitroso-di-n-propylamine  
Concen: 72.540 ng  
RT: 8.64 min Scan# 961  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC100

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 54.8 | 44.4  | 66.6 |       |       |
| 101     | 10.3 | 7.8   | 11.6 |       |       |
| 130     | 23.2 | 18.2  | 27.4 |       |       |

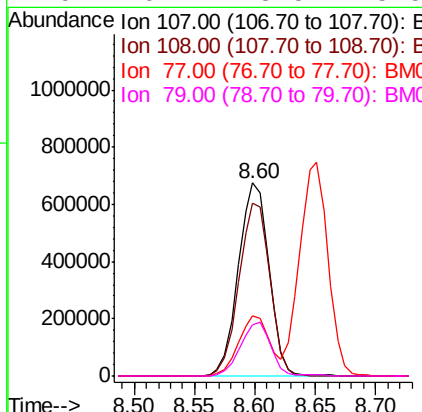
Manual Integrations  
APPROVED

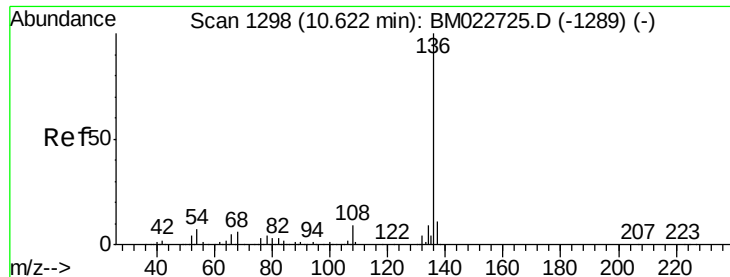
mohammad  
9/24/2019 8:34:47 AM



#20  
3+4-Methylphenols  
Concen: 88.374 ng  
RT: 8.60 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 89.9 | 70.1  | 110.1 |       |       |
| 77      | 31.2 | 12.1  | 52.1  |       |       |
| 79      | 26.7 | 8.5   | 48.5  |       |       |





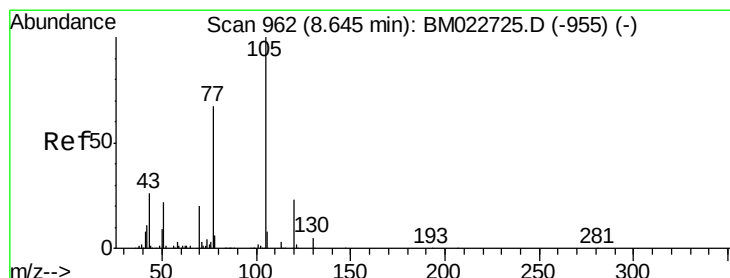
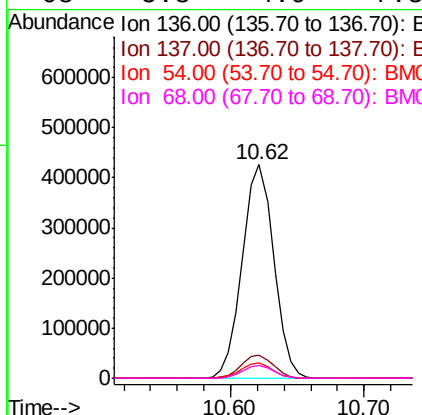
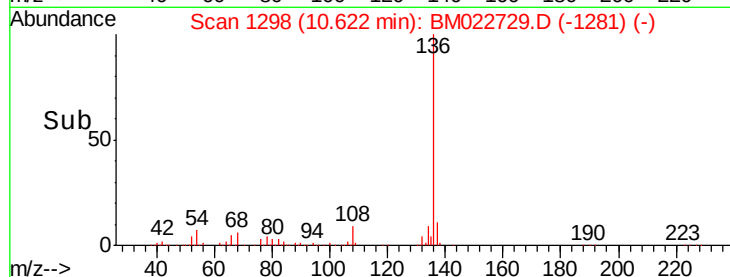
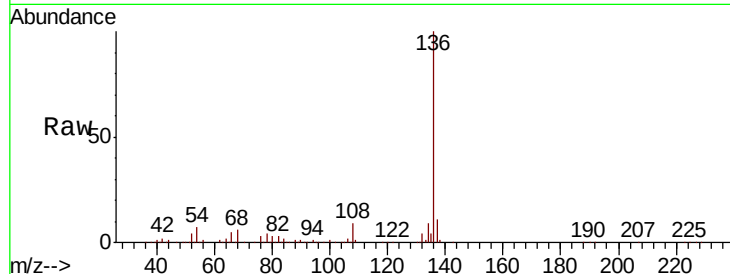
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.62 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 696483 |       |       |
| 137     | 10.9  | 8.6    | 13.0  |       |
| 54      | 7.3   | 6.0    | 9.0   |       |
| 68      | 5.8   | 4.9    | 7.3   |       |

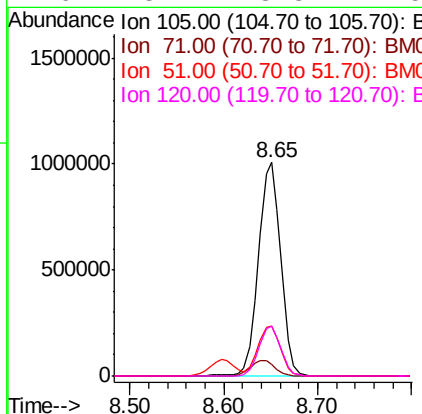
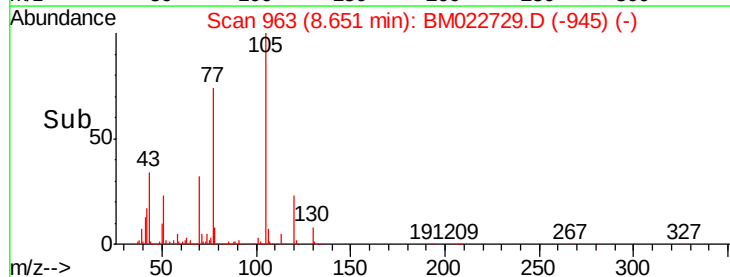
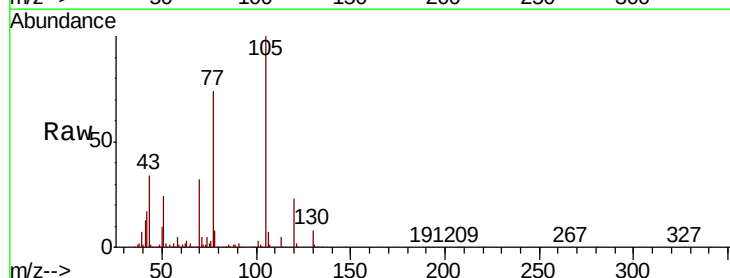
Manual Integrations  
APPROVED

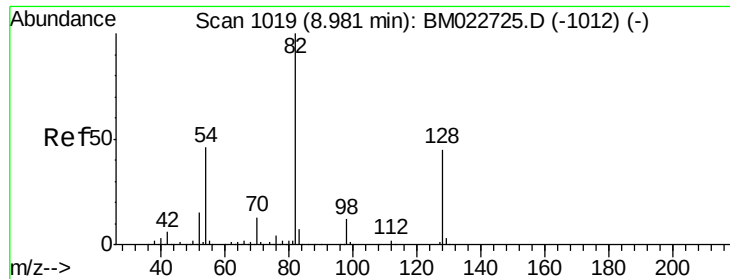
mohammad  
9/24/2019 8:34:47 AM



#22  
Acetophenone  
Concen: 92.337 ng  
RT: 8.65 min Scan# 963  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 1649825 |       |       |
| 71      | 5.3   | 2.7     | 4.1#  |       |
| 51      | 23.5  | 19.9    | 29.9  |       |
| 120     | 23.4  | 18.3    | 27.5  |       |





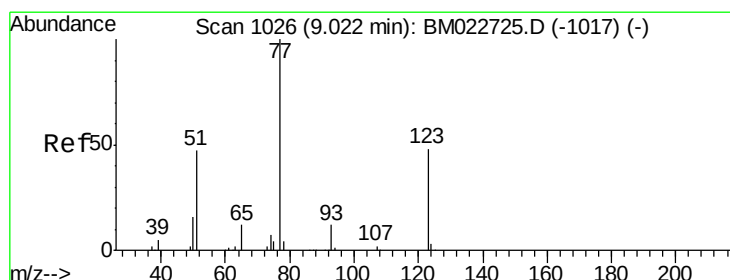
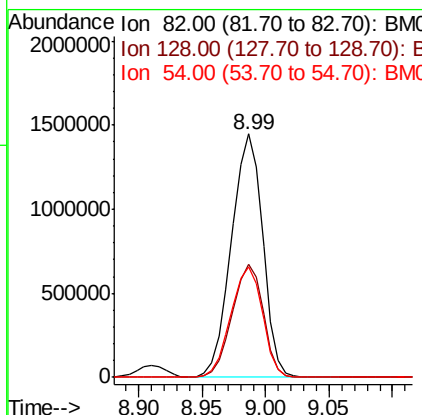
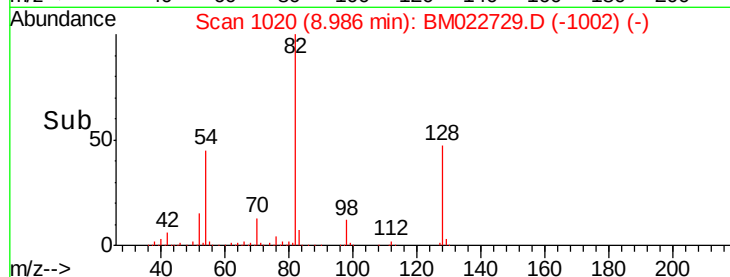
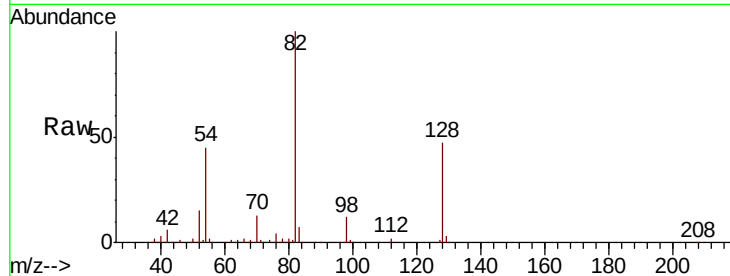
#23  
 Nitrobenzene-d5  
 Concen: 172.401 ng  
 RT: 8.99 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.6  | 36.0  | 54.0  |
| 54      | 45.2  | 37.1  | 55.7  |

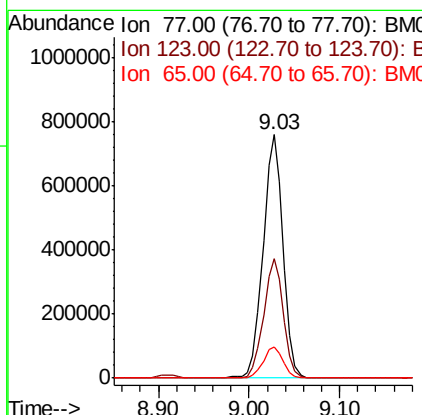
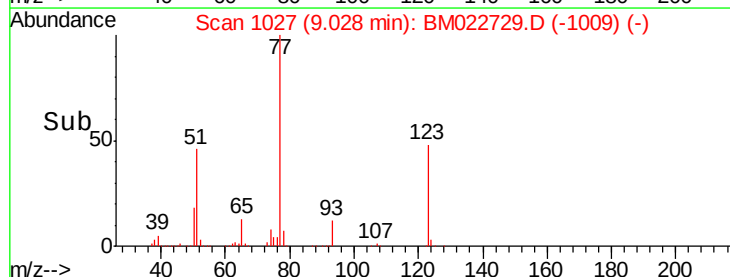
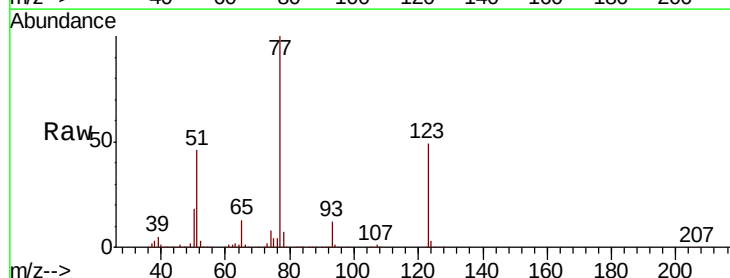
Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 8:34:47 AM

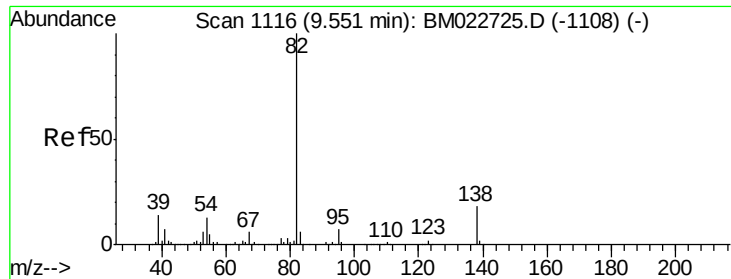


#24  
 Nitrobenzene  
 Concen: 79.605 ng  
 RT: 9.03 min Scan# 1027  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.1  | 38.0  | 57.0  |
| 65      | 12.8  | 10.0  | 15.0  |







#25

Isophorone

Concen: 81.184 ng

RT: 9.56 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

ClientSampleId :

SSTDICC100

Tot Ion: 82 Resp: 2063179

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

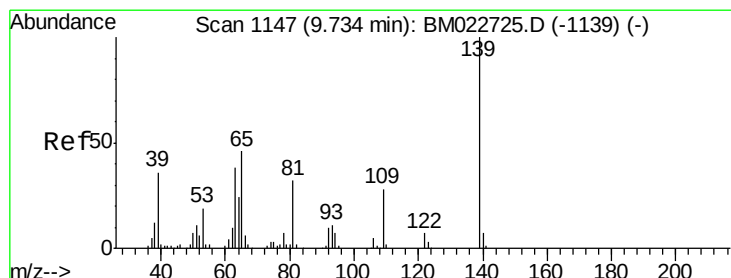
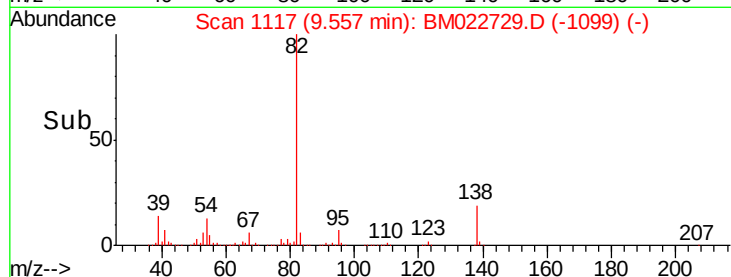
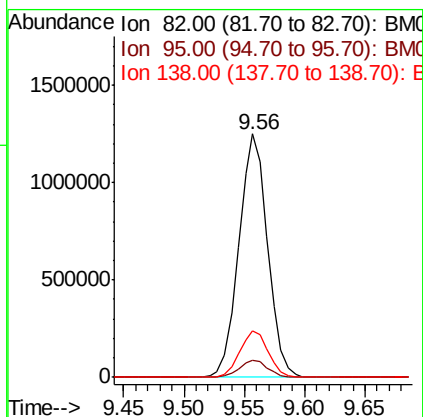
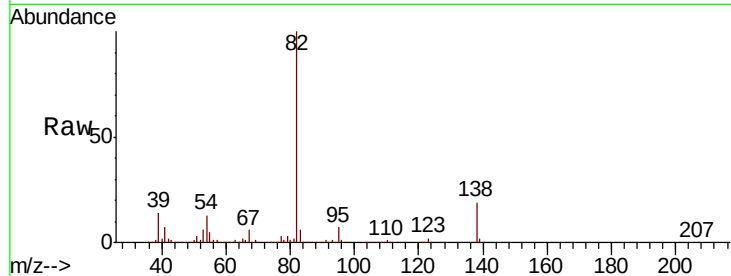
138 19.3 14.7 22.1

Manual Integrations

APPROVED

mohammad

9/24/2019 8:34:47 AM



#26

2-Nitrophenol

Concen: 92.180 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

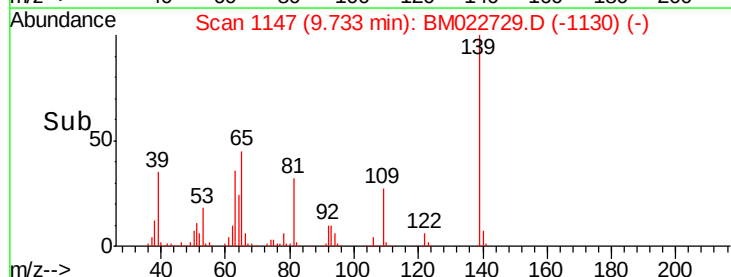
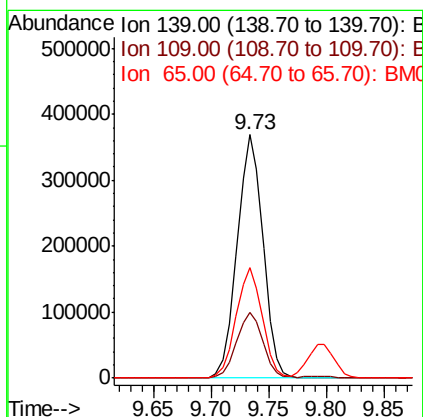
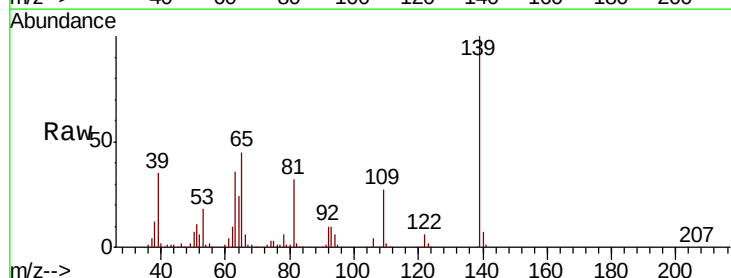
Tgt Ion: 139 Resp: 572469

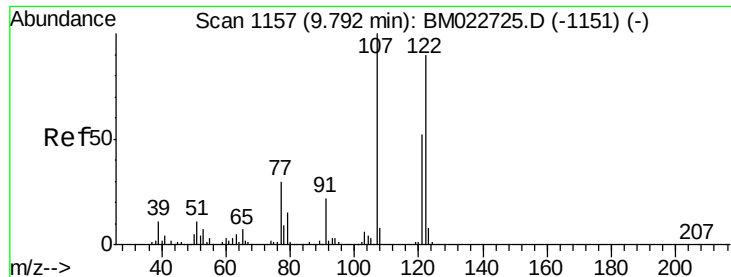
Ion Ratio Lower Upper

139 100

109 27.1 22.6 33.8

65 45.3 37.0 55.4





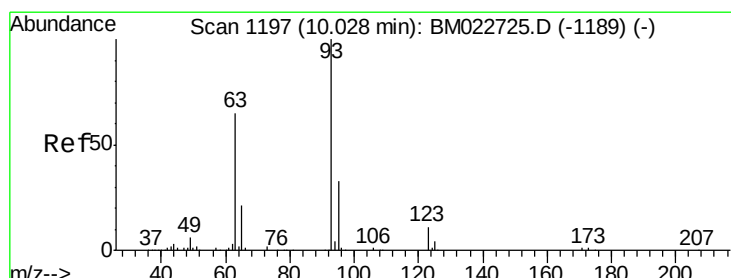
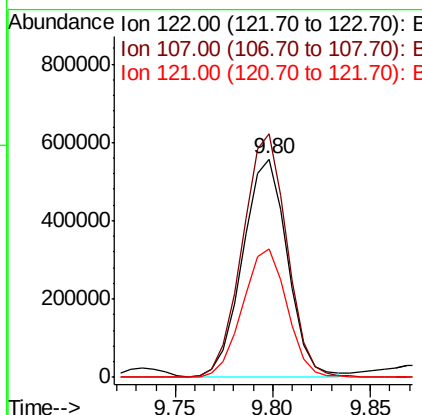
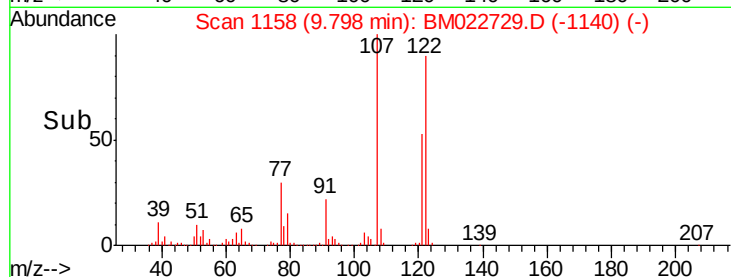
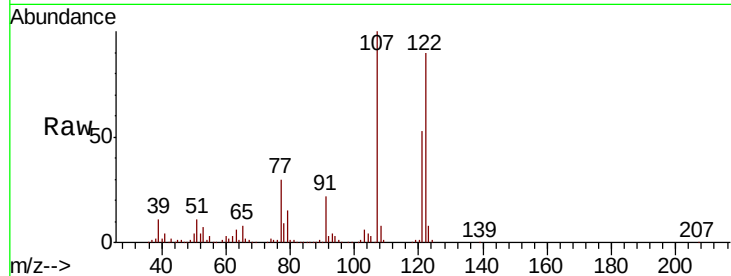
#27  
 2,4-Dimethylphenol  
 Concen: 93.725 ng  
 RT: 9.80 min Scan# 1158  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.5 | 88.9  | 133.3 |
| 121     | 58.7  | 46.5  | 69.7  |

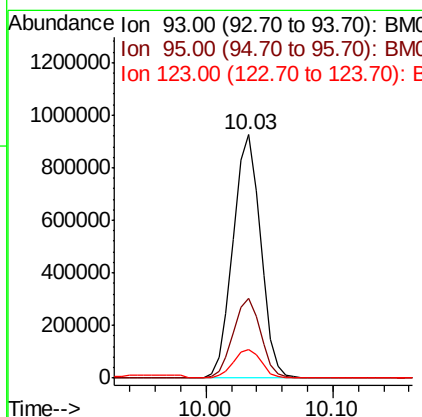
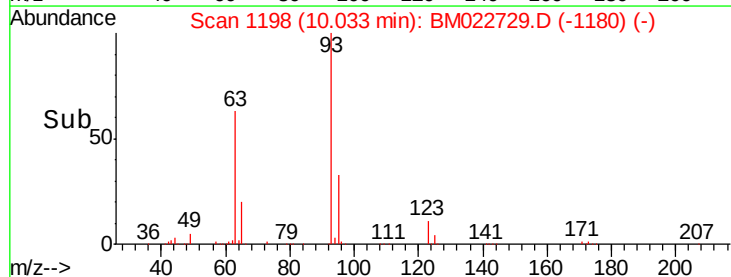
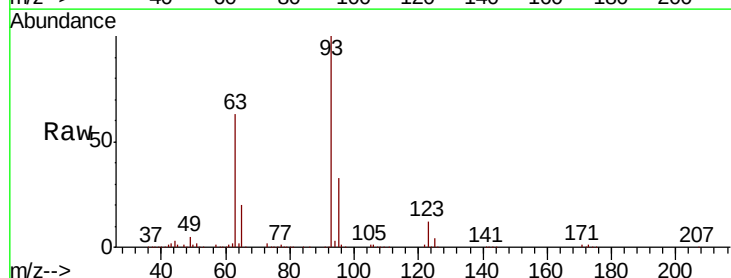
Manual Integrations  
 APPROVED

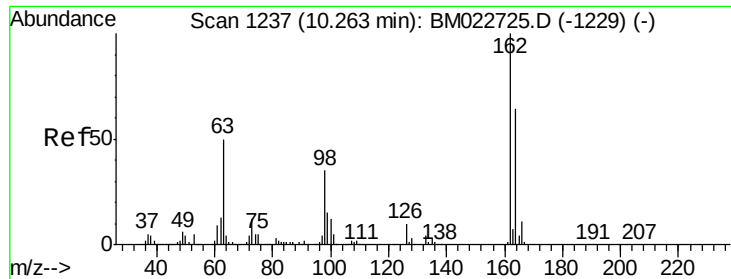
mohammad  
 9/24/2019 8:34:47 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 92.580 ng  
 RT: 10.03 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.0  | 39.0  |
| 123     | 11.6  | 9.0   | 13.6  |





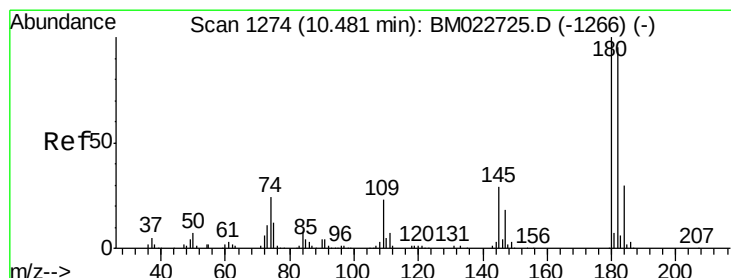
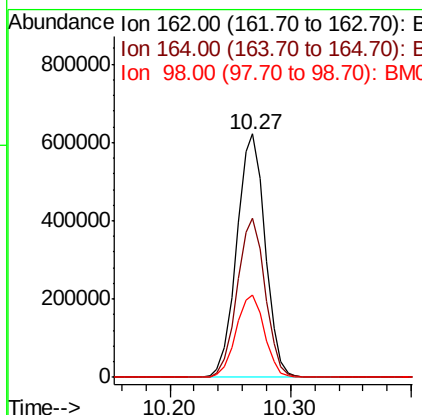
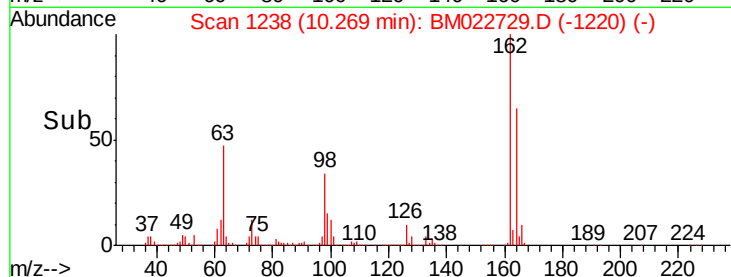
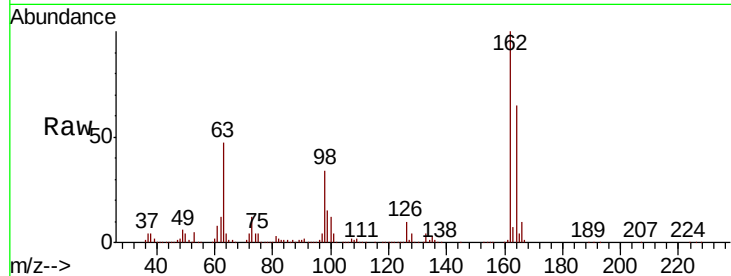
#29  
2,4-Dichlorophenol  
Concen: 90.463 ng  
RT: 10.27 min Scan# 1238  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.3  | 44.4  | 84.4  |
| 98      | 33.6  | 14.8  | 54.8  |

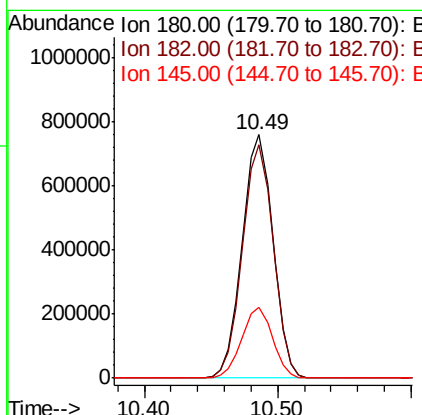
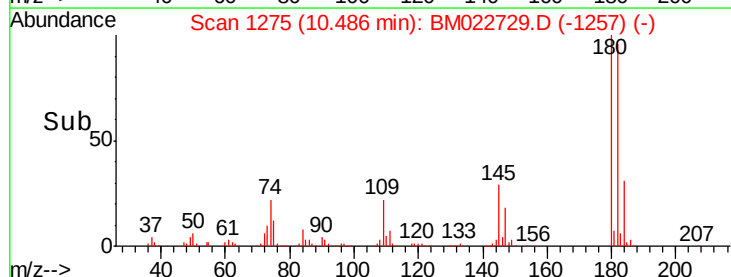
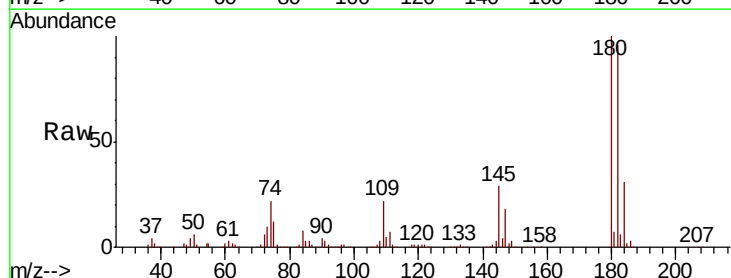
Manual Integrations  
APPROVED

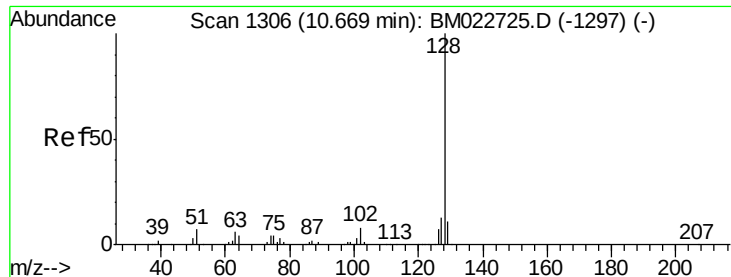
mohammad  
9/24/2019 8:34:47 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 87.242 ng  
RT: 10.49 min Scan# 1275  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 76.2  | 114.2 |
| 145     | 29.0  | 23.0  | 34.4  |





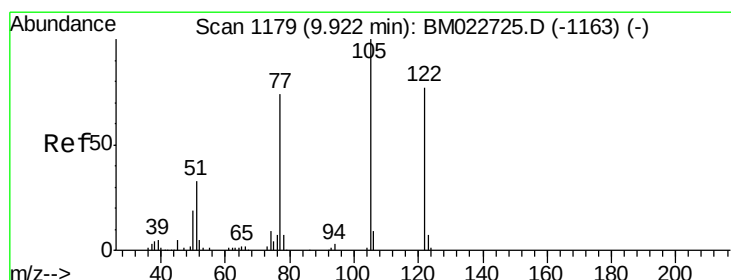
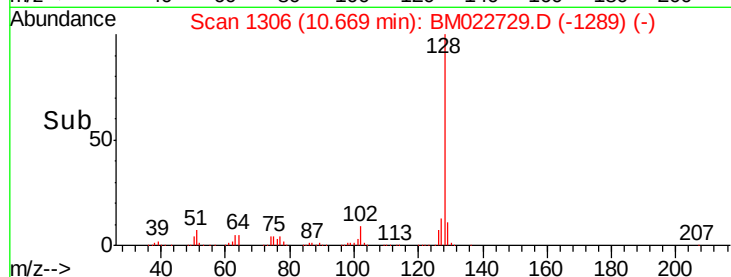
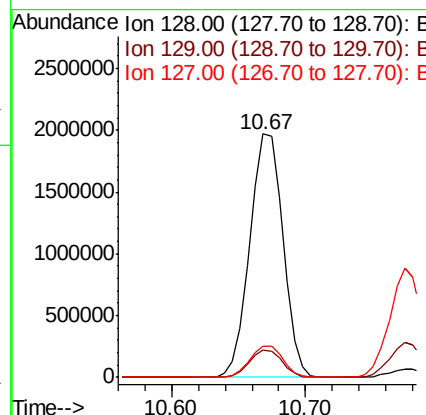
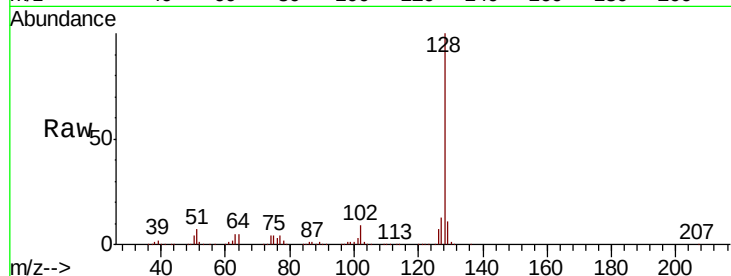
#31  
Naphthalene  
Concen: 93.289 ng  
RT: 10.67 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.8   | 13.2  |
| 127     | 13.0  | 10.2  | 15.4  |

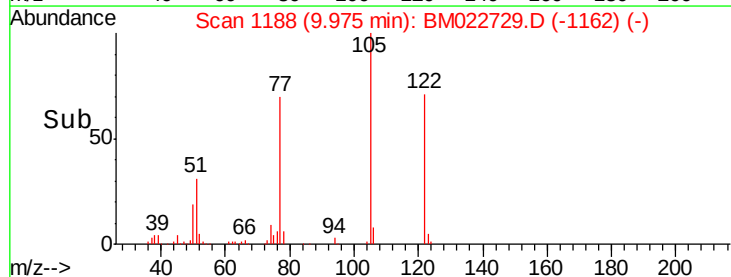
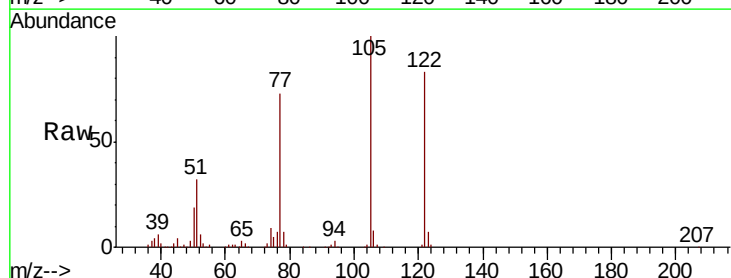
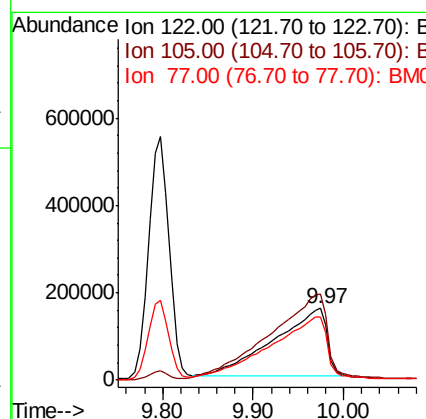
Manual Integrations  
APPROVED

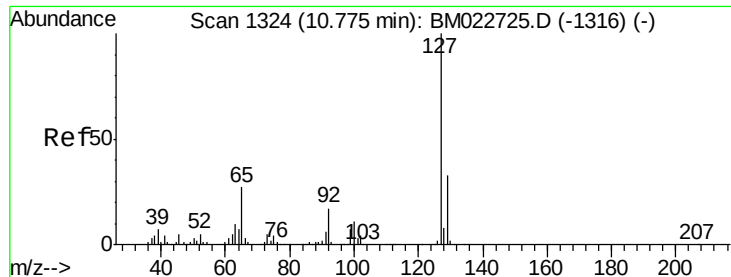
mohammad  
9/24/2019 8:34:47 AM



#32  
Benzoic acid  
Concen: 76.844 ng  
RT: 9.97 min Scan# 1188  
Delta R.T. 0.05 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.2 | 105.3 | 145.3 |
| 77      | 88.3  | 74.7  | 114.7 |





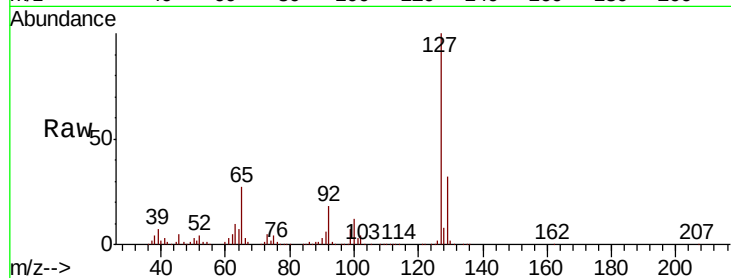
#33  
4-Chloroaniline  
Concen: 97.779 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.1  | 26.1  | 39.1  |
| 65      | 27.3  | 22.0  | 33.0  |
| 92      | 17.7  | 13.8  | 20.8  |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



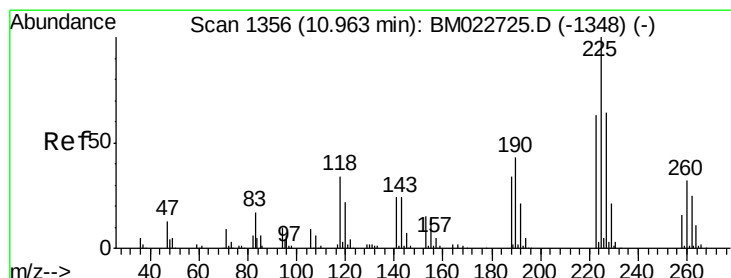
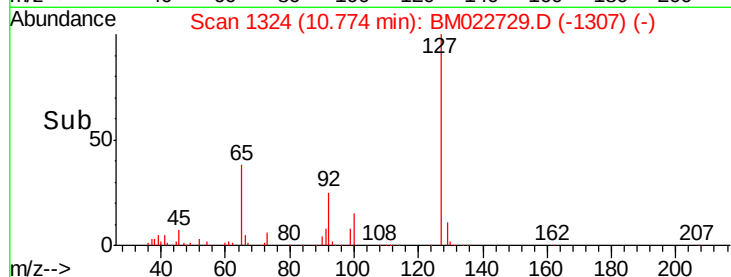
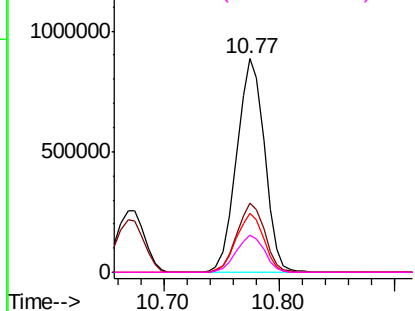
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

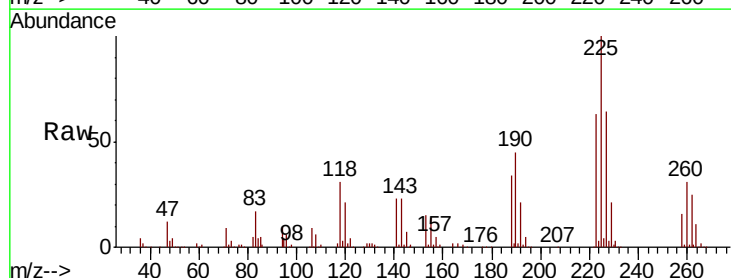
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 62.069 ng  
RT: 10.96 min Scan# 1356  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 50.2  | 75.4  |
| 227     | 63.7  | 51.0  | 76.4  |

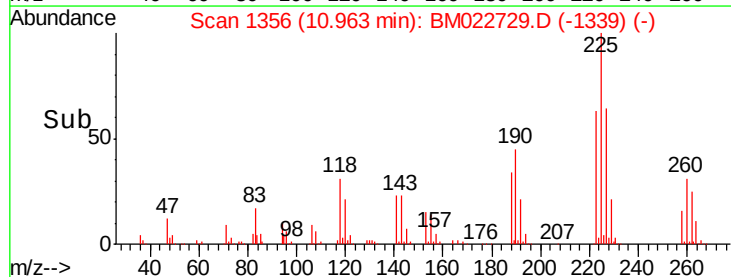
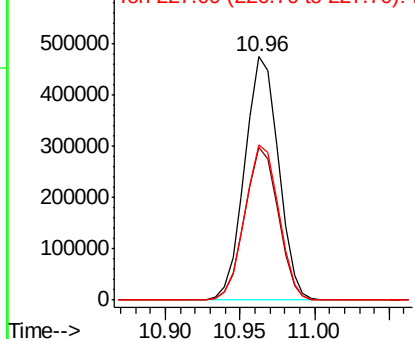


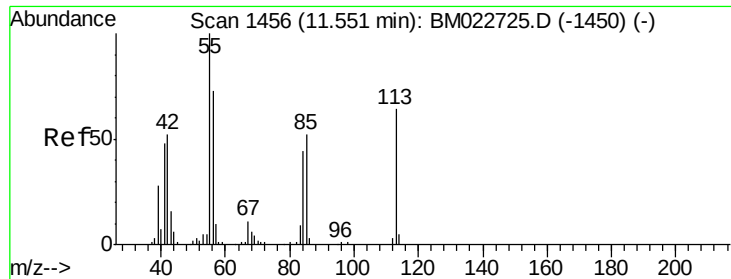
Abundance

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





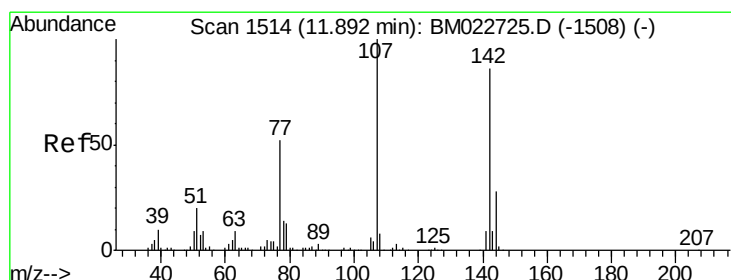
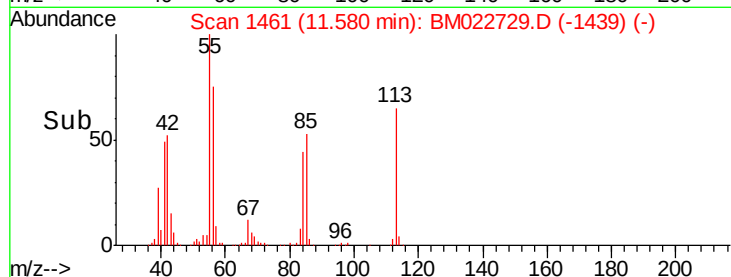
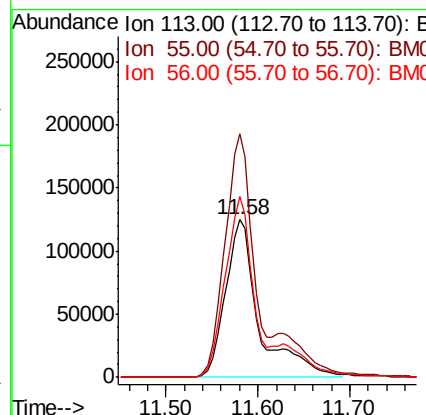
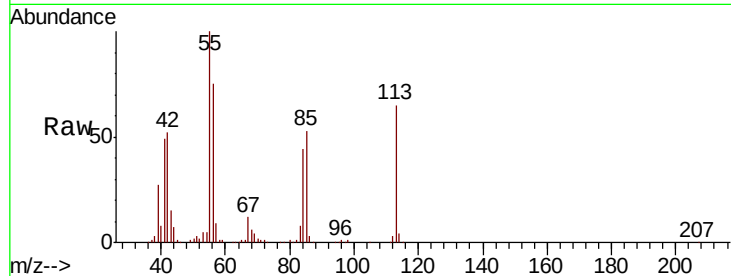
#35  
 Caprolactam  
 Concen: 105.008 ng/ml  
 RT: 11.58 min Scan# 1461  
 Delta R.T. 0.03 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 154.8 | 136.8 | 176.8 |
| 56      | 115.4 | 95.2  | 135.2 |

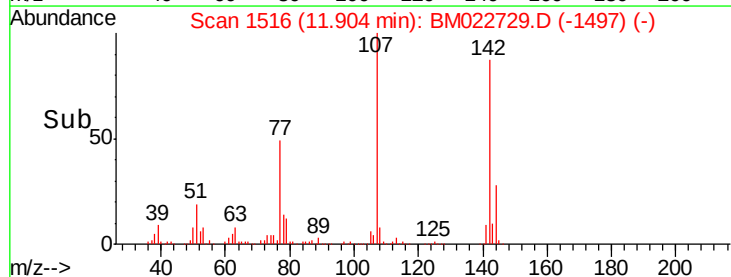
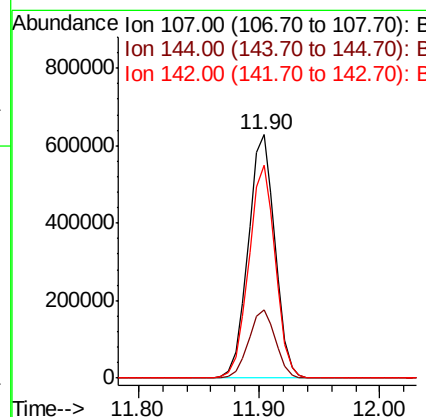
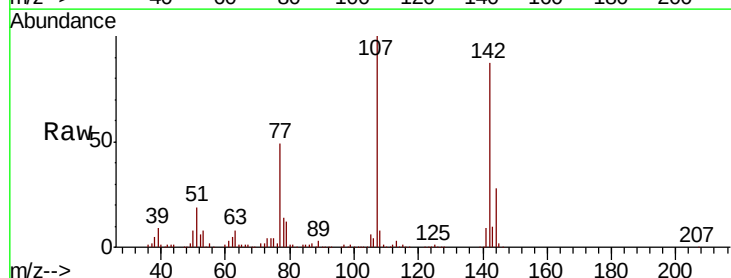
Manual Integrations  
 APPROVED

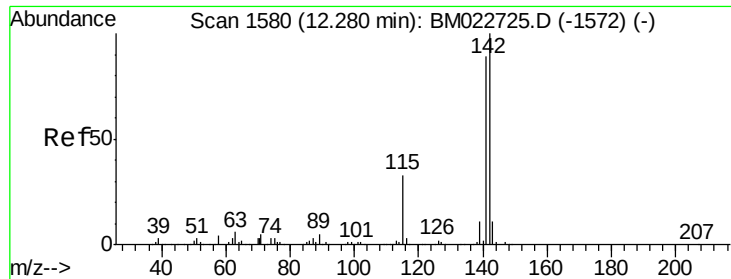
mohammad  
 9/24/2019 8:34:47 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 81.572 ng/ml  
 RT: 11.90 min Scan# 1516  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.2  | 22.4  | 33.6  |
| 142     | 87.5  | 68.2  | 102.4 |





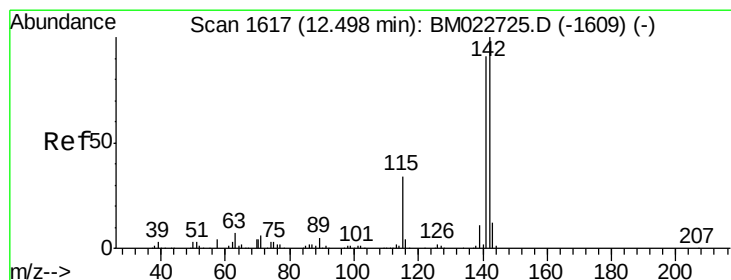
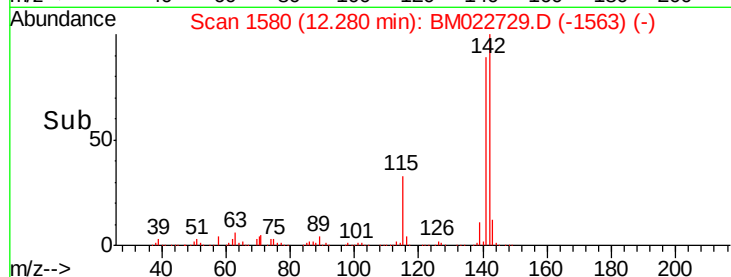
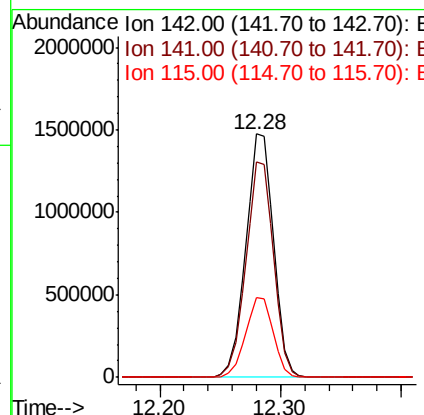
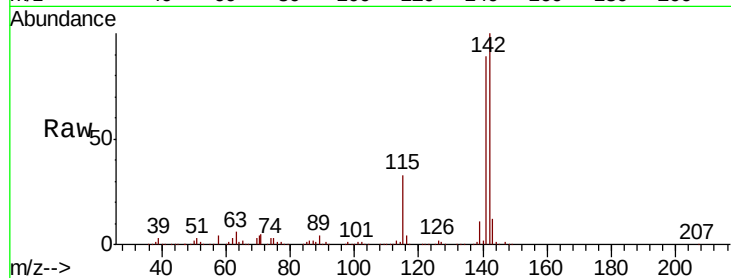
#37  
2-Methylnaphthalene  
Concen: 89.318 ng  
RT: 12.28 min Scan# 1580  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.5  | 71.5  | 107.3 |
| 115     | 32.9  | 26.1  | 39.1  |

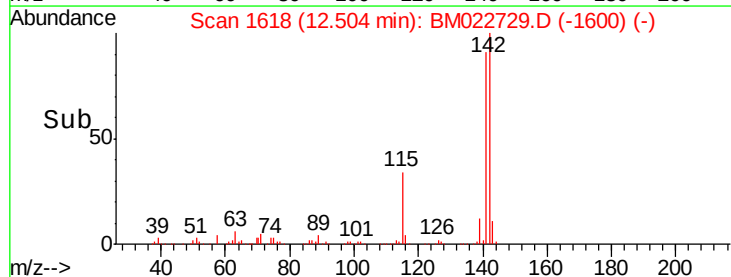
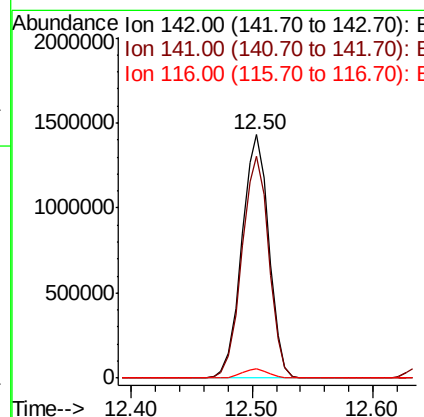
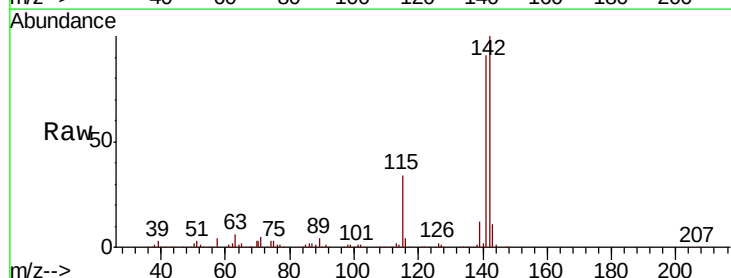
Manual Integrations  
APPROVED

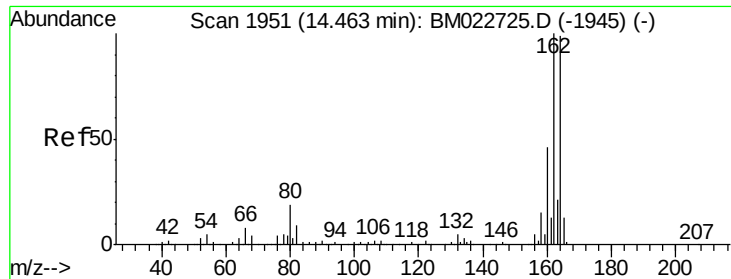
mohammad  
9/24/2019 8:34:47 AM



#38  
1-Methylnaphthalene  
Concen: 88.252 ng  
RT: 12.50 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 73.0  | 109.4 |
| 116     | 3.6   | 2.9   | 4.3   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

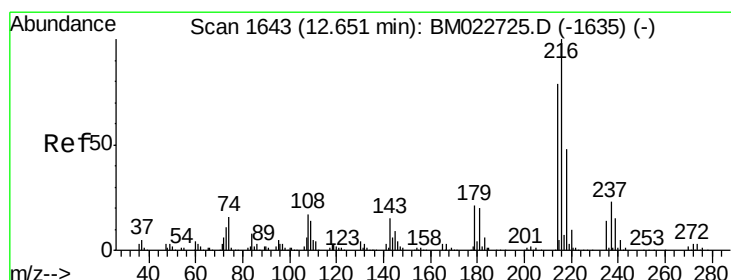
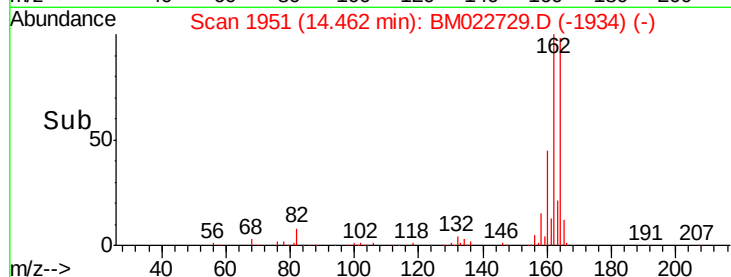
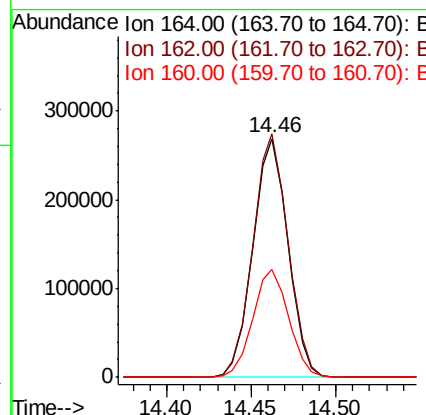
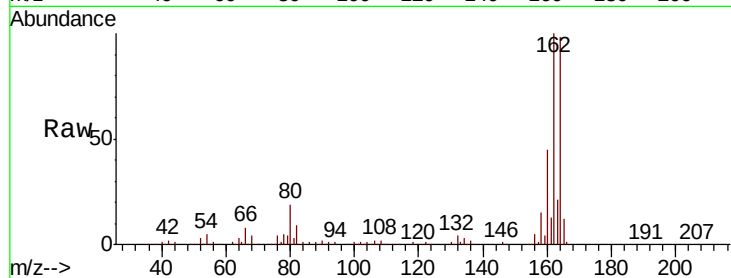
ClientSampleId :

SSTDICC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 388434 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.1 | 81.1  | 121.7  |
| 160       | 45.5  | 36.9  | 55.3   |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 87.581 ng

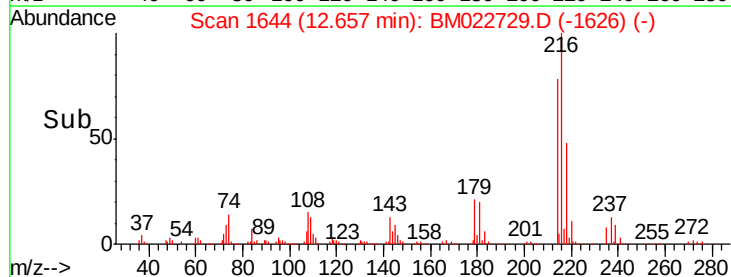
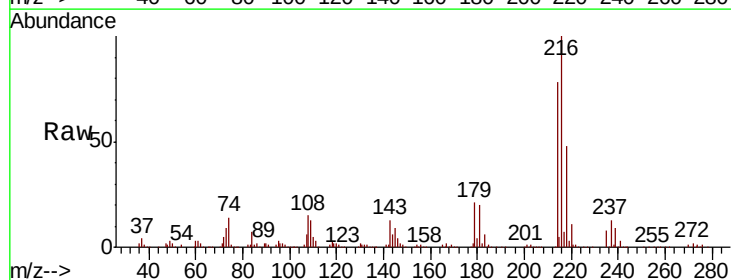
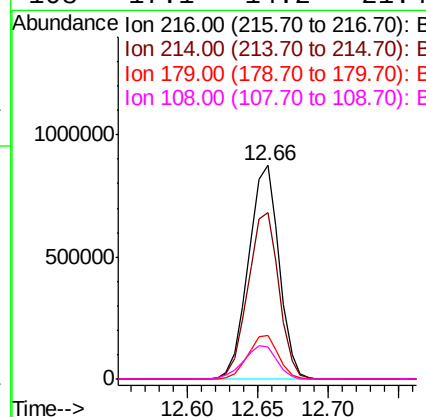
RT: 12.66 min Scan# 1644

Delta R.T. 0.01 min

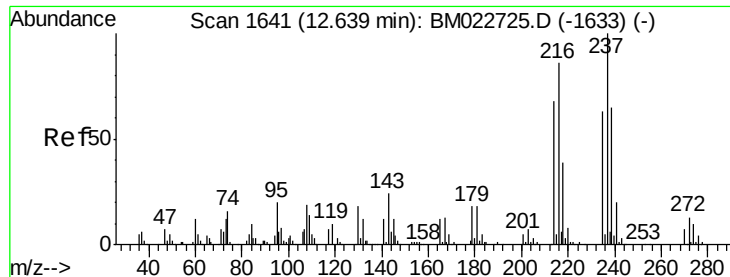
Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 216   | Resp: | 1331629 |
| Ion Ratio | Lower | Upper |         |
| 216       | 100   |       |         |
| 214       | 78.7  | 62.9  | 94.3    |
| 179       | 20.5  | 16.6  | 24.8    |
| 108       | 17.1  | 14.2  | 21.4    |







#41

Hexachlorocyclopentadiene

Concen: 109.831 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

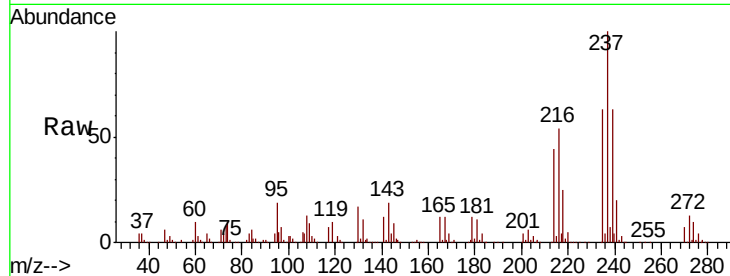
ClientSampleId :

SSTDICC100

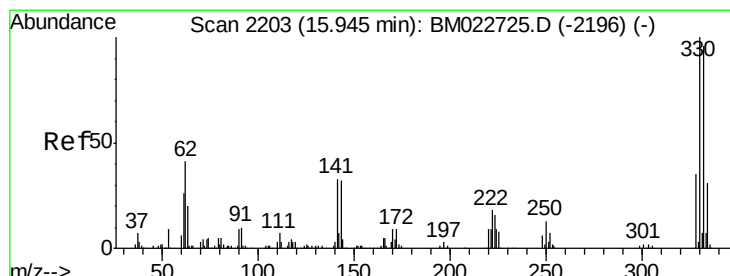
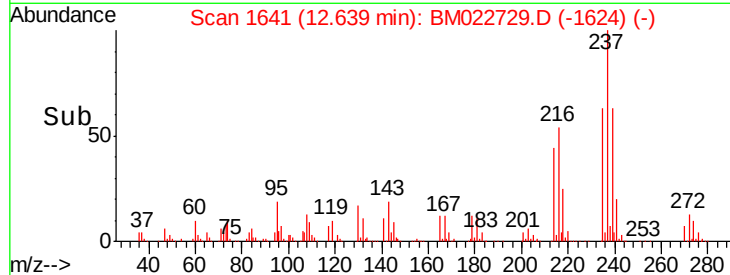
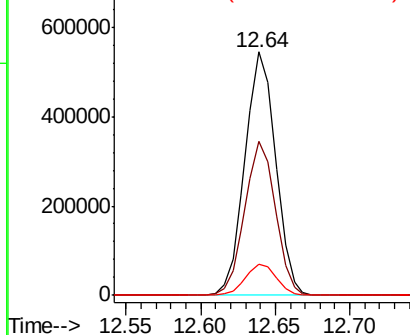
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 237  | Resp: | 777199 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 63.2 | 43.3  | 83.3   |
| 272       | 13.1 | 0.0   | 32.6   |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



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



#42

2,4,6-Tribromophenol

Concen: 162.665 ng

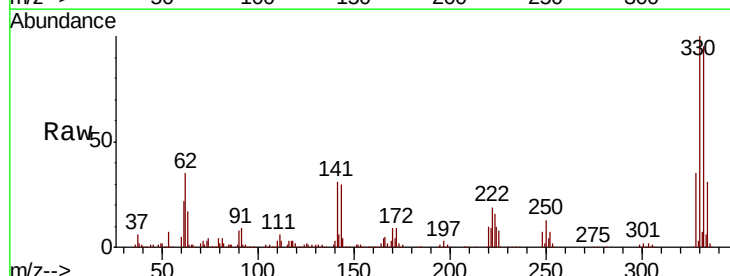
RT: 15.95 min Scan# 2204

Delta R.T. 0.01 min

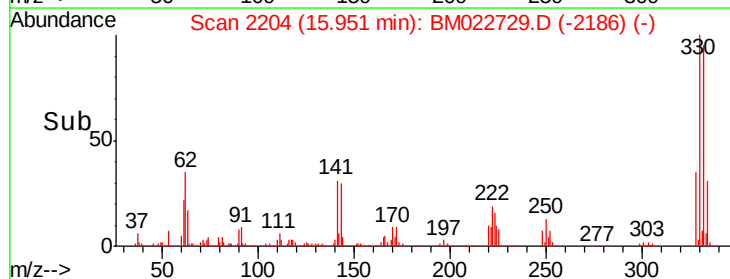
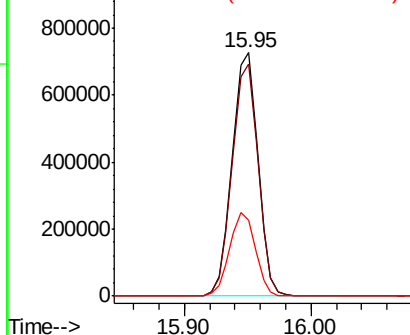
Lab File: BM022729.D

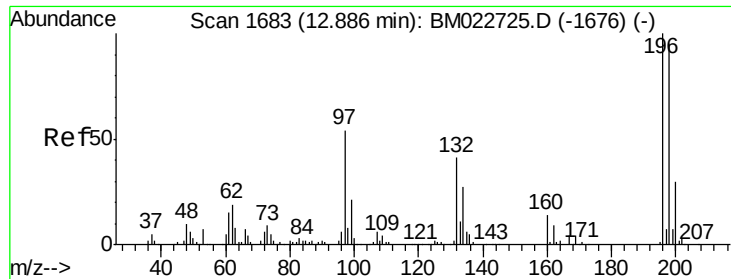
Acq: 20 Sep 2019 15:45

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 330  | Resp: | 1022694 |
| Ion Ratio |      | Lower | Upper   |
| 330       | 100  |       |         |
| 332       | 95.6 | 76.9  | 115.3   |
| 141       | 34.3 | 28.6  | 42.8    |



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





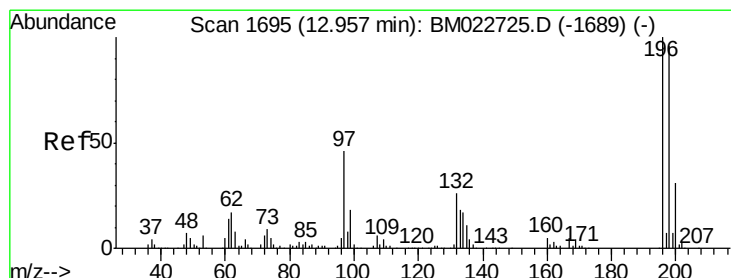
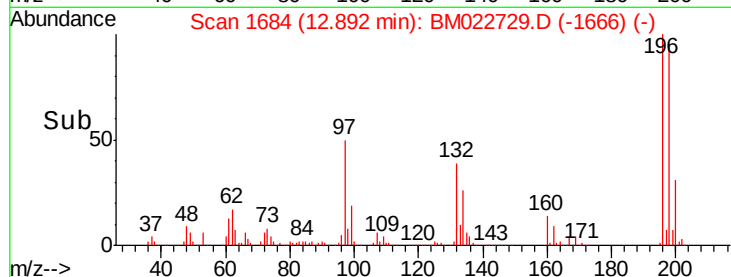
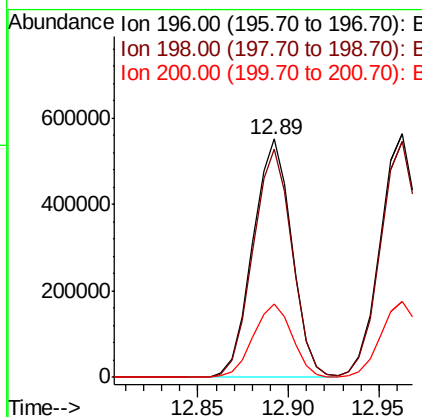
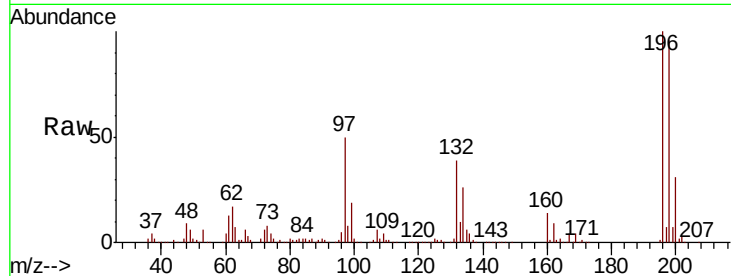
#43  
 2,4,6-Trichlorophenol  
 Concen: 90.402 ng  
 RT: 12.89 min Scan# 1684  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 823966 |       |       |
| 198     | 95.6  | 76.3   | 114.5 |       |
| 200     | 30.9  | 24.4   | 36.6  |       |

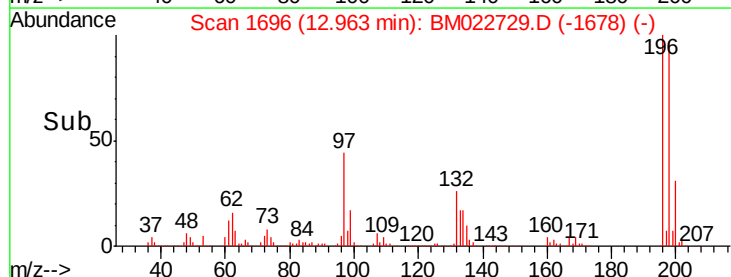
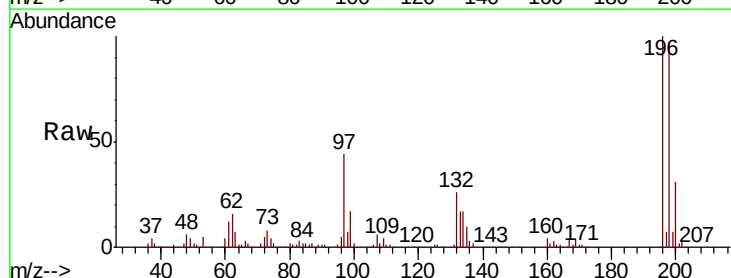
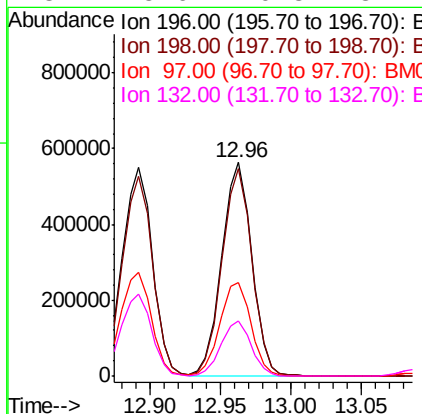
Manual Integrations  
 APPROVED

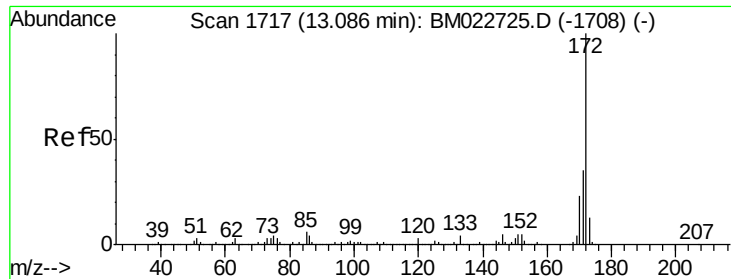
mohammad  
 9/24/2019 8:34:47 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 90.264 ng  
 RT: 12.96 min Scan# 1696  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 835097 |       |       |
| 198     | 96.9  | 77.0   | 115.4 |       |
| 97      | 43.7  | 37.2   | 55.8  |       |
| 132     | 25.6  | 20.8   | 31.2  |       |





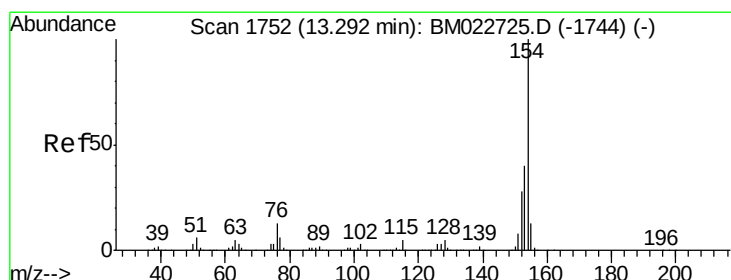
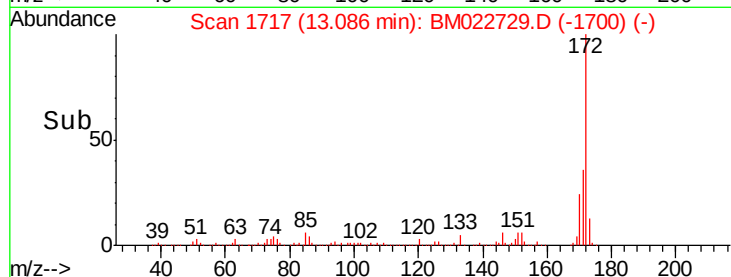
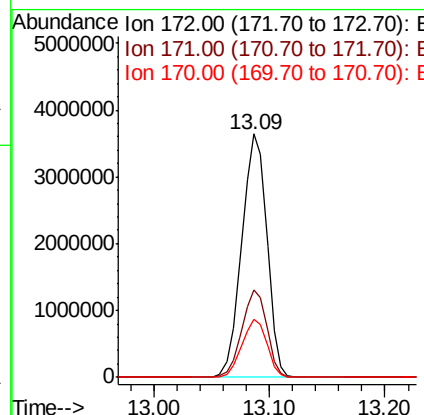
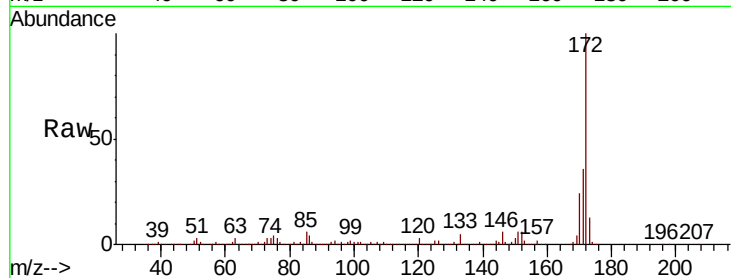
#45  
2-Fluorobiphenyl  
Concen: 176.122 ng  
RT: 13.09 min Scan# 1717  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 27.8  | 41.8  |
| 170     | 24.1  | 18.7  | 28.1  |

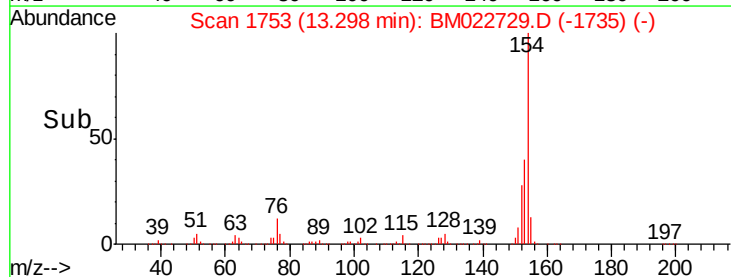
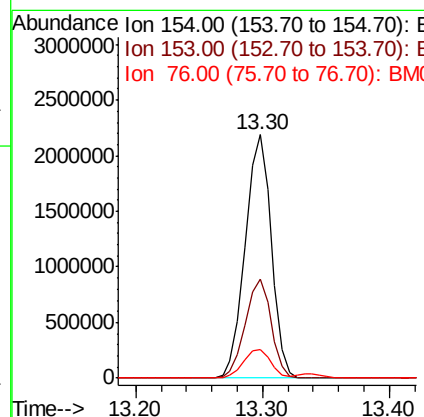
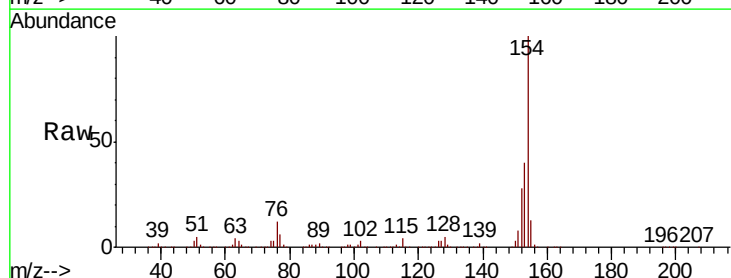
Manual Integrations  
APPROVED

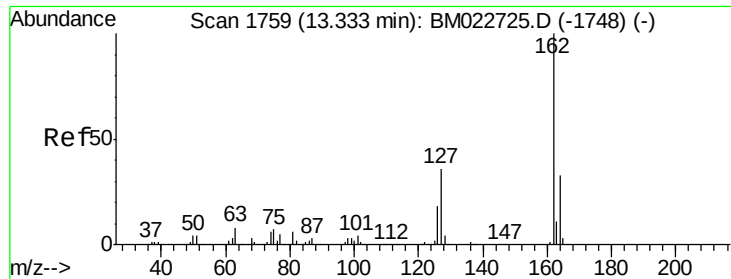
mohammad  
9/24/2019 8:34:47 AM



#46  
1,1'-Biphenyl  
Concen: 102.044 ng  
RT: 13.30 min Scan# 1753  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 20.1  | 60.1  |
| 76      | 11.9  | 0.0   | 32.6  |





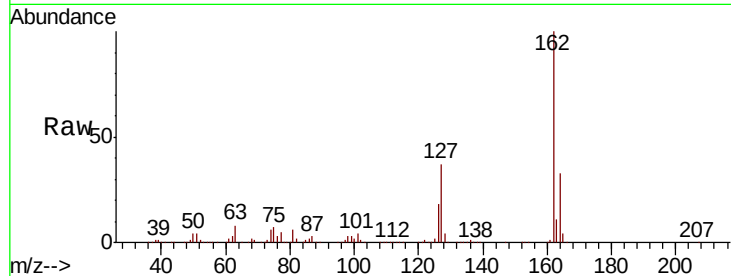
#47  
2-Chloronaphthalene  
Concen: 94.935 ng  
RT: 13.34 min Scan# 1760  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.9  | 29.0  | 43.6  |
| 164     | 33.3  | 26.0  | 39.0  |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM

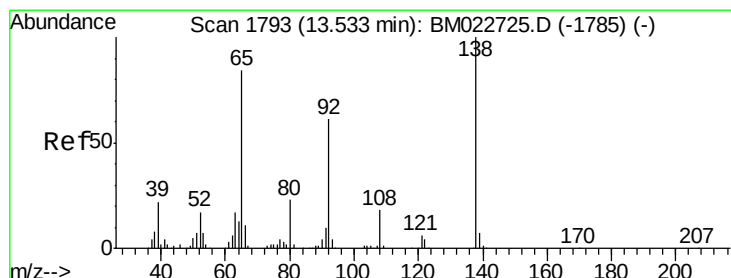
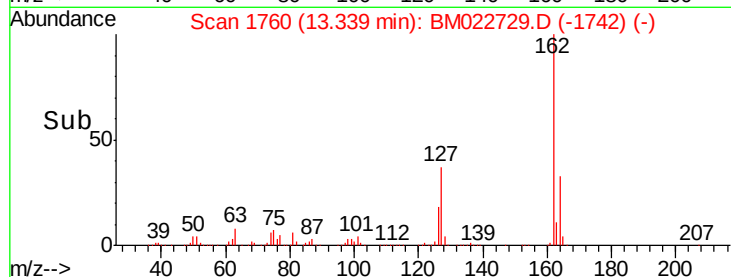
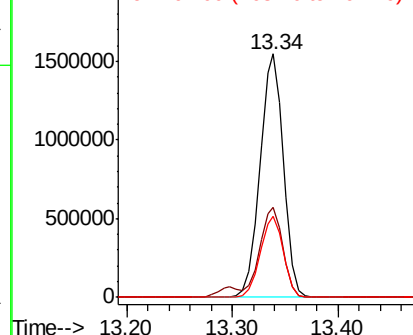


Abundance

Ion 162.00 (161.70 to 162.70): E

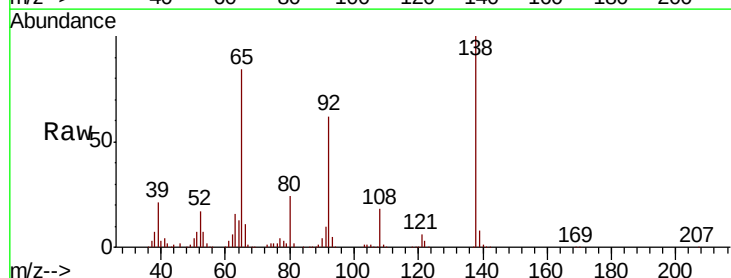
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 82.305 ng  
RT: 13.53 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.4  | 58.6  | 87.8  |
| 138     | 119.2 | 95.4  | 143.0 |

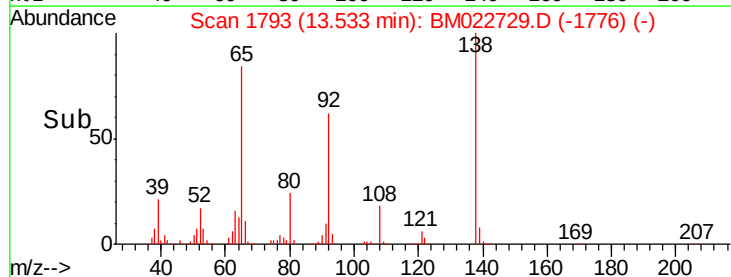
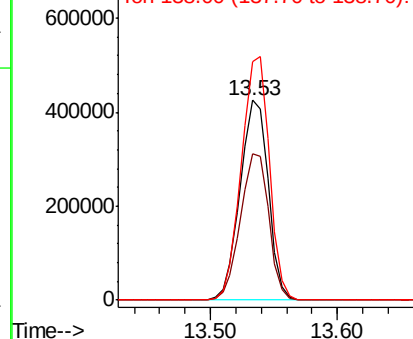


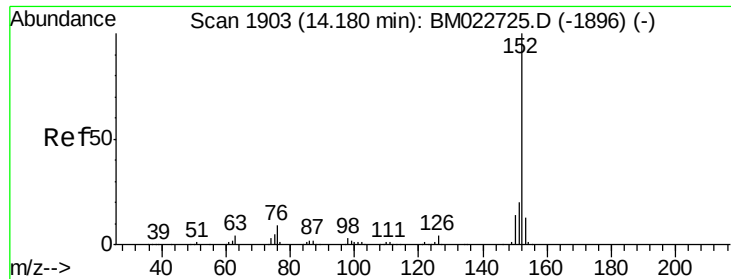
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 93.444 ng

RT: 14.19 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

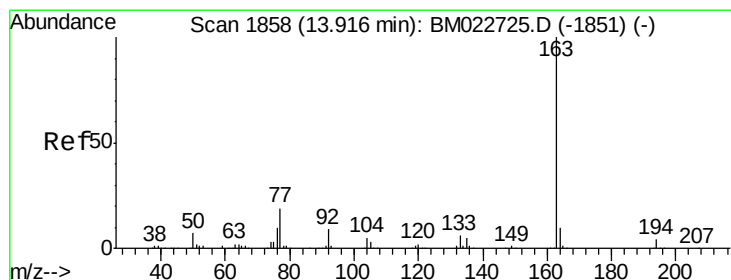
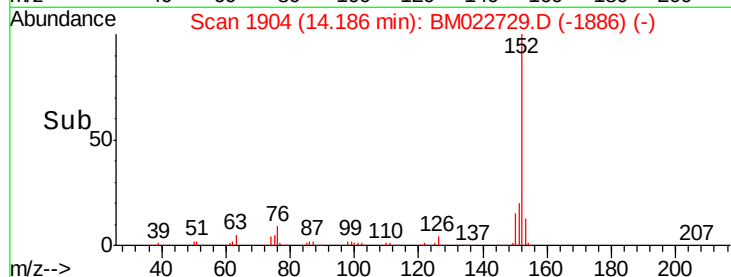
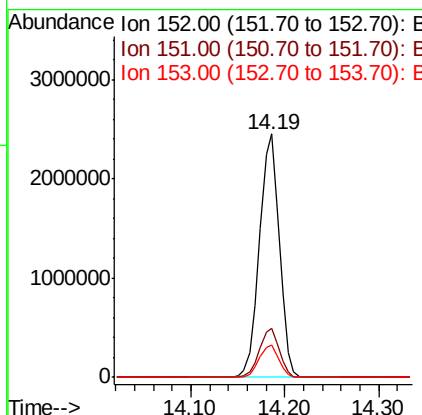
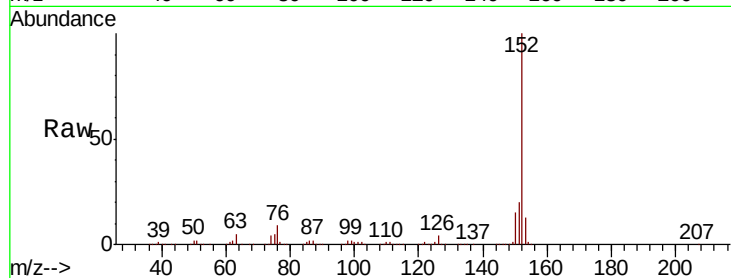
ClientSampleId :

SSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 3603405 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 20.1  | 15.9  | 23.9    |
| 153      | 13.3  | 10.5  | 15.7    |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#50

Dimethylphthalate

Concen: 85.298 ng

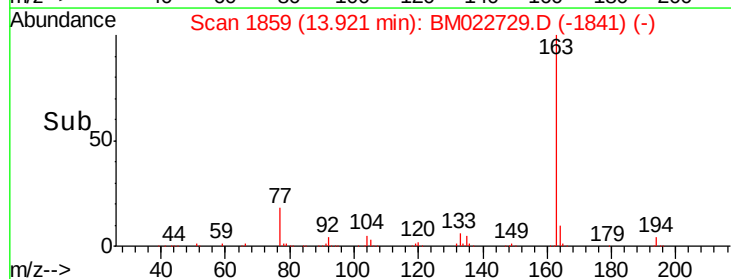
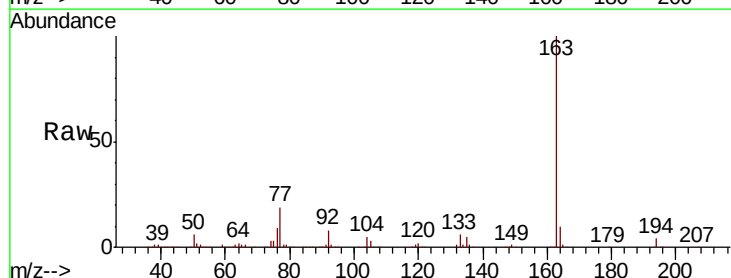
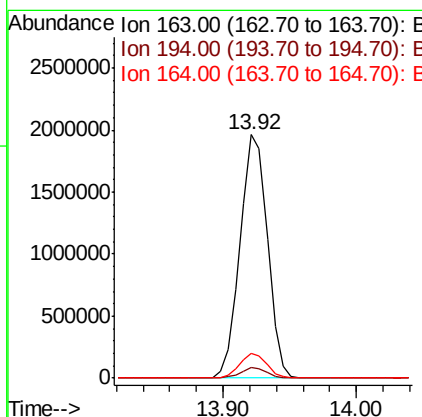
RT: 13.92 min Scan# 1859

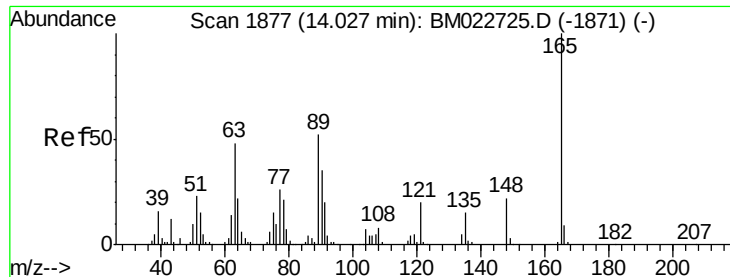
Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 163   | Resp: | 2785599 |
| Ion      | Ratio | Lower | Upper   |
| 163      | 100   |       |         |
| 194      | 4.2   | 3.3   | 4.9     |
| 164      | 10.4  | 8.2   | 12.2    |





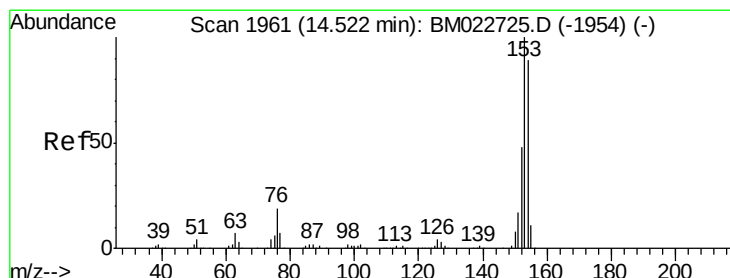
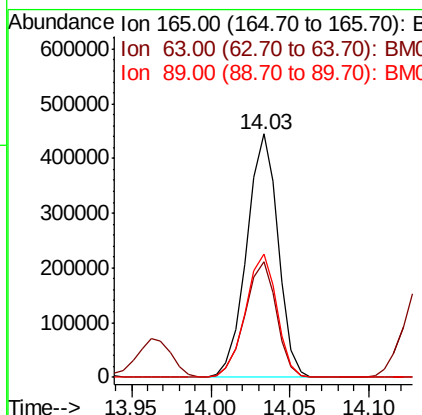
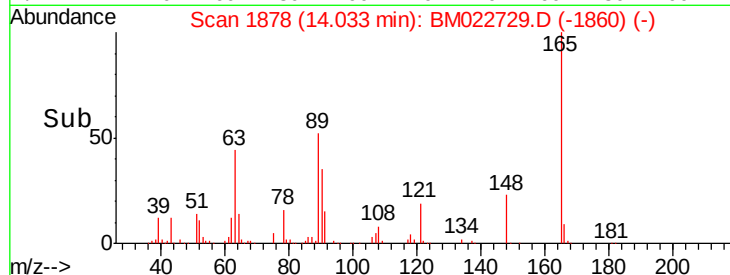
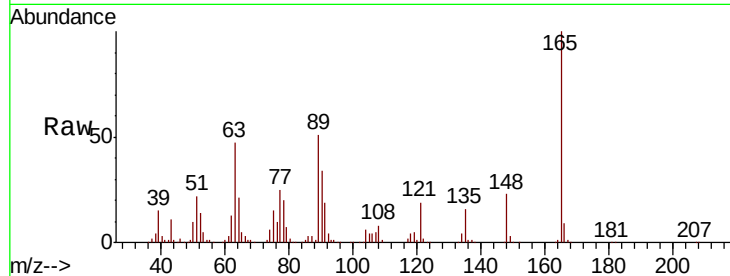
#51  
2,6-Dinitrotoluene  
Concen: 94.913 ng  
RT: 14.03 min Scan# 1878  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 612120 |       |       |
| 63      | 47.3  | 38.6   | 58.0  |       |
| 89      | 50.6  | 41.6   | 62.4  |       |

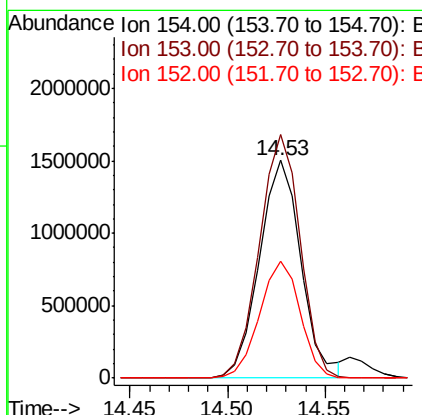
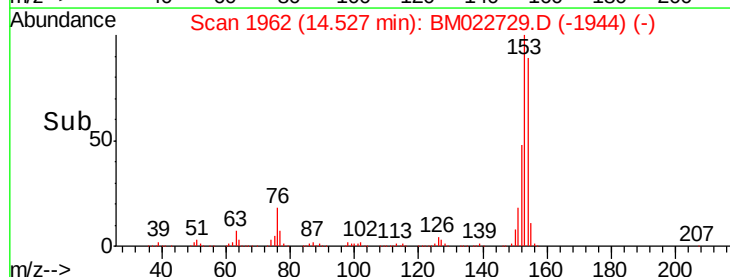
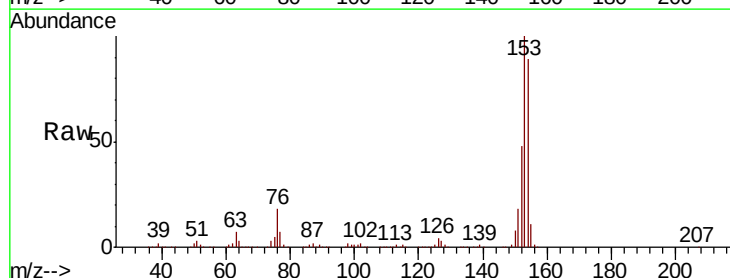
Manual Integrations  
APPROVED

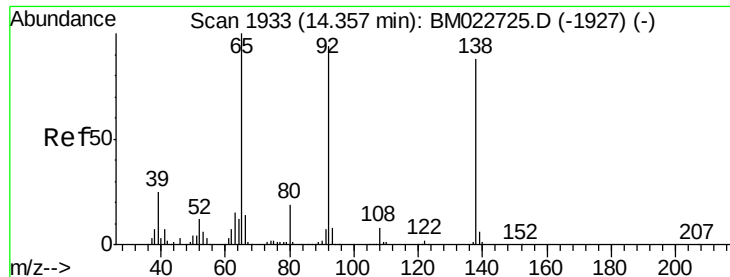
mohammad  
9/24/2019 8:34:47 AM



#52  
Acenaphthene  
Concen: 98.816 ng  
RT: 14.53 min Scan# 1962  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 2222211 |       |       |
| 153     | 111.9 | 90.0    | 135.0 |       |
| 152     | 53.7  | 42.9    | 64.3  |       |





#53

3-Nitroaniline

Concen: 110.445 ng

RT: 14.36 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

ClientSampleId :

SSTDICC100

Tot Ion:138 Resp: 709353  
Ion Ratio Lower Upper

138 100

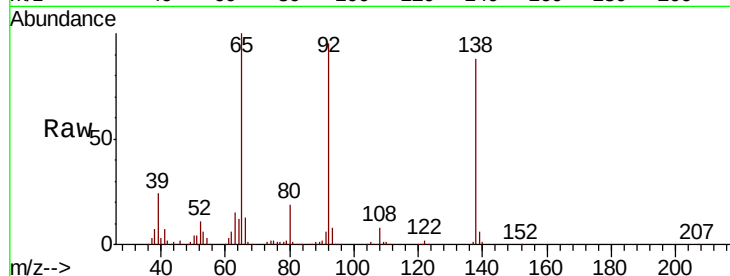
108 9.6 7.3 10.9

92 108.7 86.3 129.5

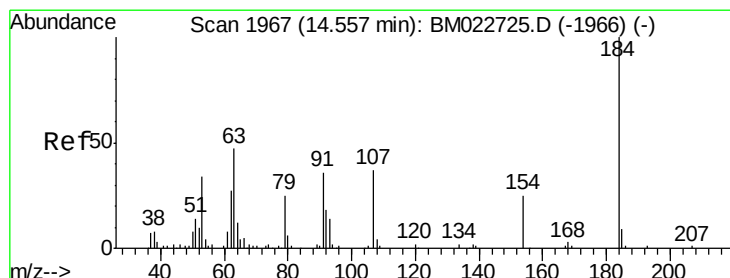
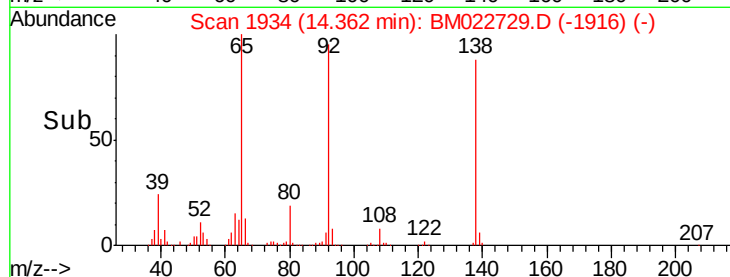
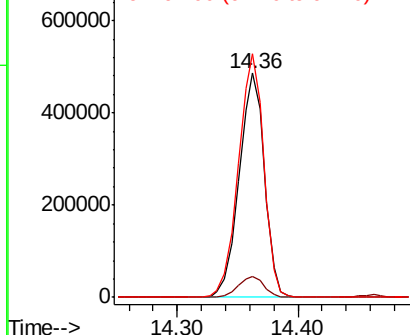
Manual Integrations  
APPROVED

mohammad

9/24/2019 8:34:47 AM



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



#54

2,4-Dinitrophenol

Concen: 104.555 ng

RT: 14.56 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BM022729.D

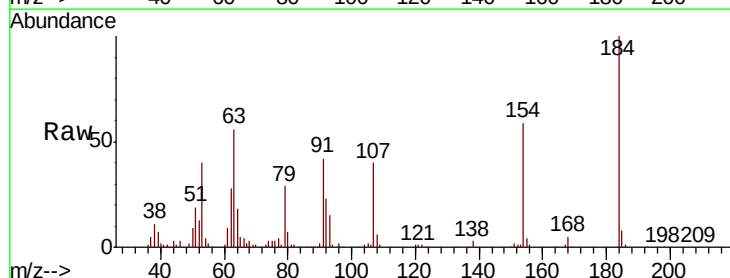
Acq: 20 Sep 2019 15:45

Tgt Ion:184 Resp: 333317  
Ion Ratio Lower Upper

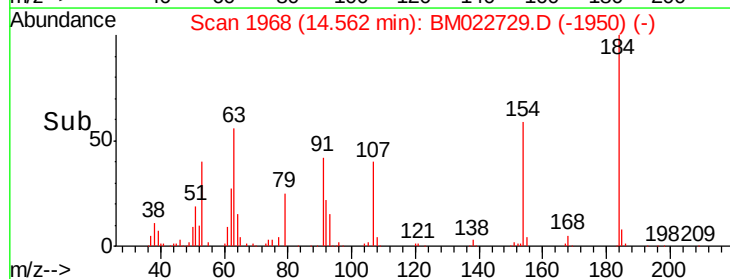
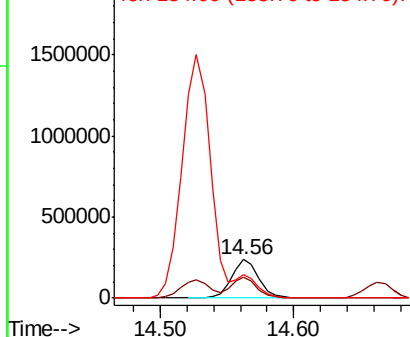
184 100

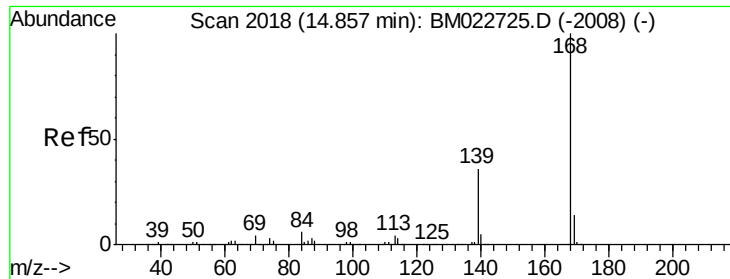
63 55.7 48.5 72.7

154 59.2 48.1 72.1



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





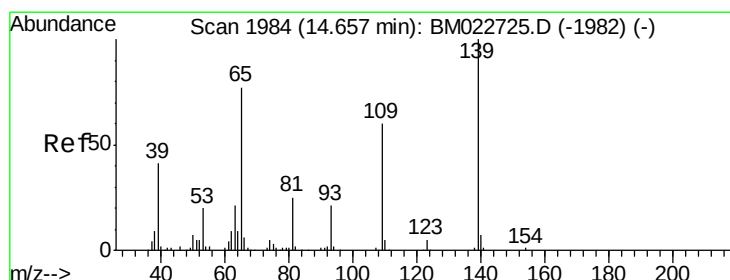
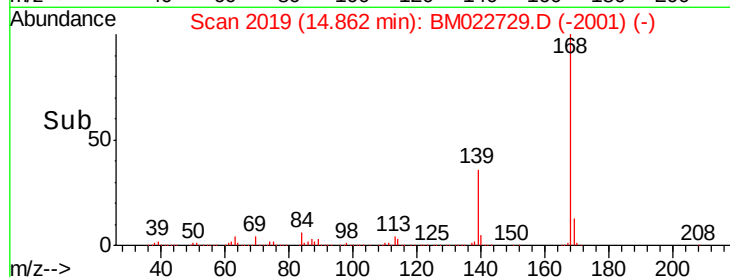
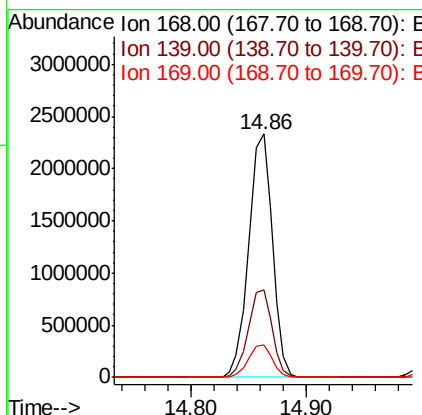
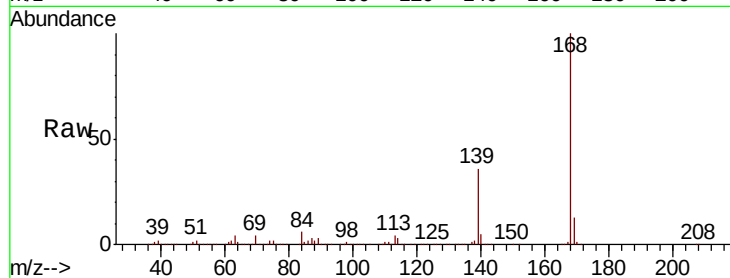
#55  
Dibenzenofuran  
Concen: 89.185 ng  
RT: 14.86 min Scan# 2019  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.0  | 28.8  | 43.2  |
| 169     | 13.2  | 10.9  | 16.3  |

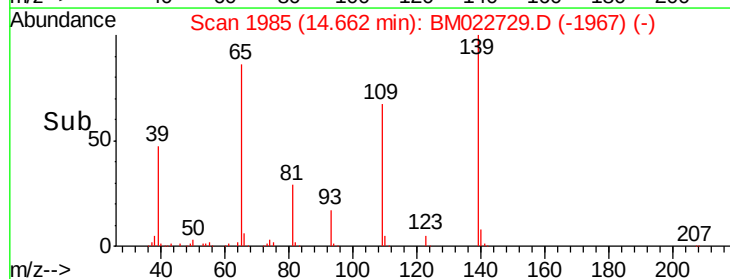
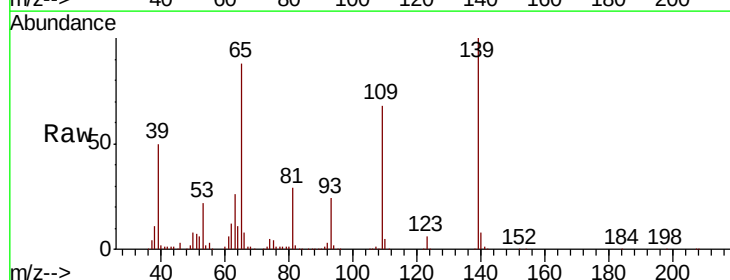
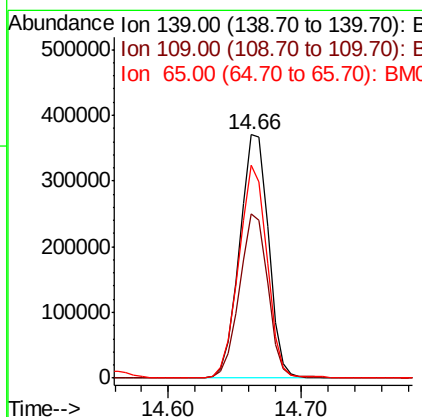
Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM

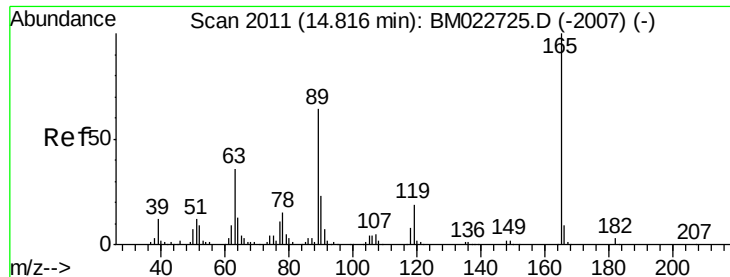


#56  
4-Nitrophenol  
Concen: 130.002 ng  
RT: 14.66 min Scan# 1985  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 67.6  | 44.8  | 84.8  |
| 65      | 87.6  | 66.6  | 106.6 |







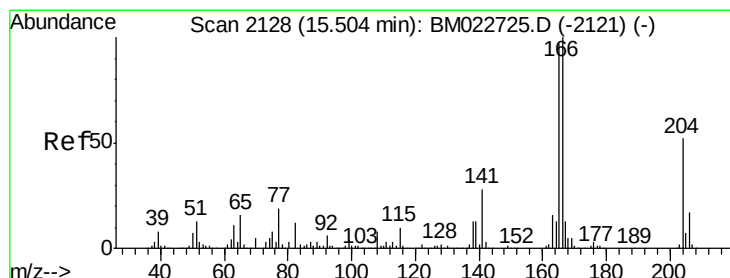
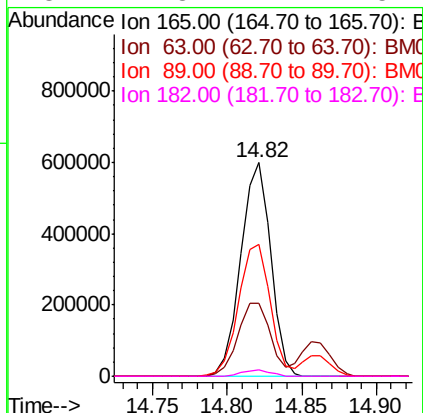
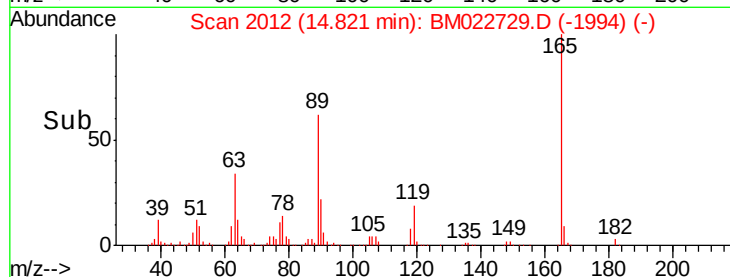
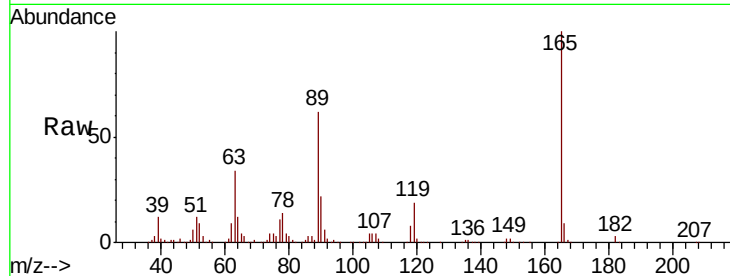
#57  
 2,4-Dinitrotoluene  
 Concen: 89.890 ng  
 RT: 14.82 min Scan# 2012  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 832259 |       |       |
| 63      | 34.4  | 30.1   | 45.1  |       |
| 89      | 62.0  | 52.5   | 78.7  |       |
| 182     | 2.8   | 2.2    | 3.4   |       |

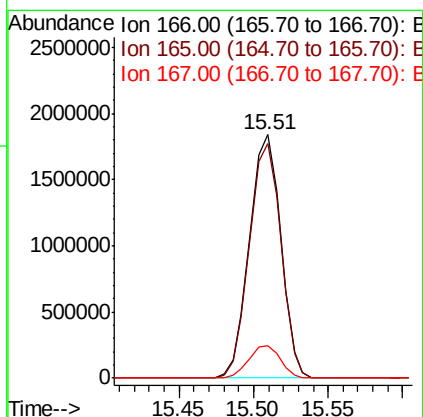
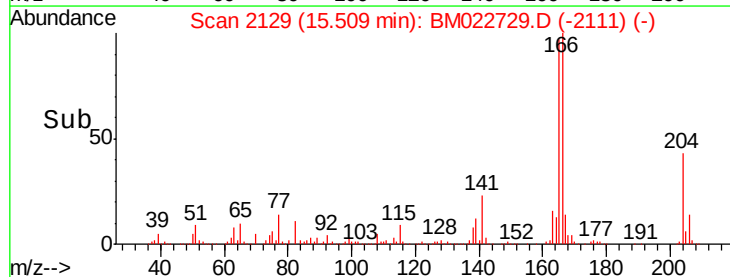
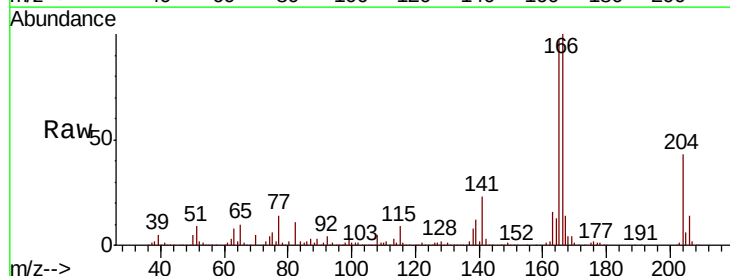
Manual Integrations  
 APPROVED

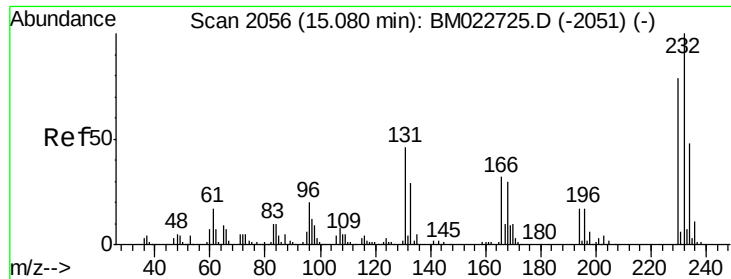
mohammad  
 9/24/2019 8:34:47 AM



#58  
 Fluorene  
 Concen: 84.850 ng  
 RT: 15.51 min Scan# 2129  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 2672984 |       |       |
| 165     | 96.6  | 77.6    | 116.4 |       |
| 167     | 13.6  | 10.8    | 16.2  |       |





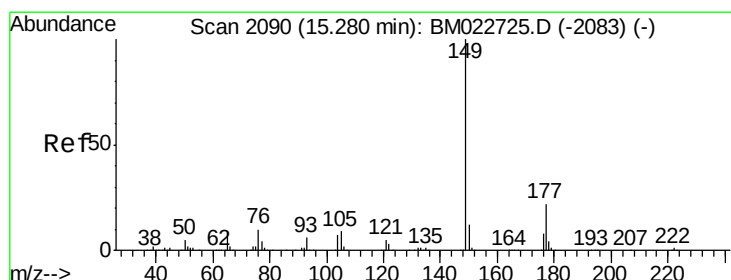
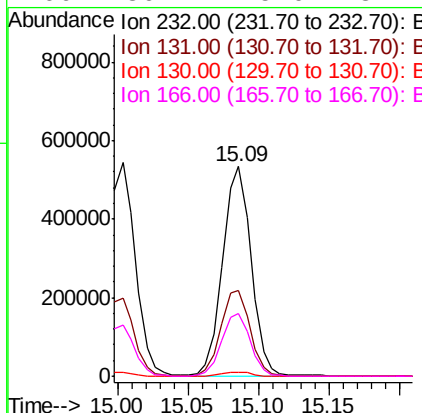
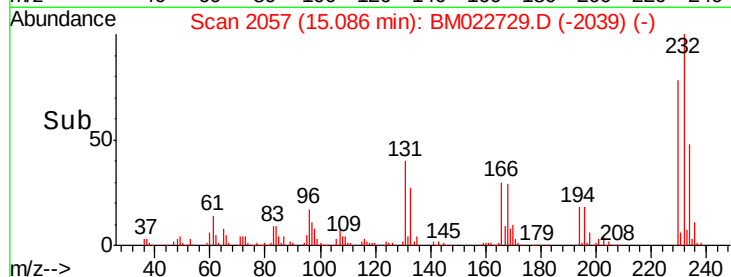
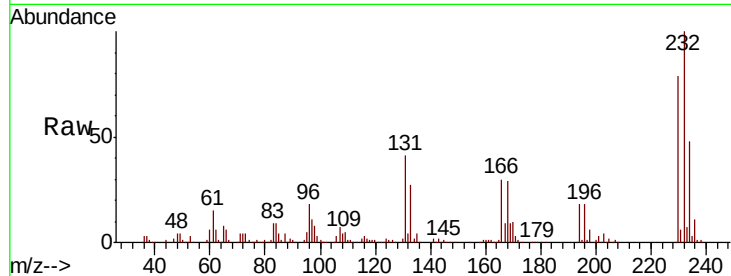
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 80.611 ng  
 RT: 15.09 min Scan# 2057  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 743560 |       |       |
| 131     | 42.2  | 36.3   | 54.5  |       |
| 130     | 2.1   | 1.8    | 2.8   |       |
| 166     | 30.2  | 25.0   | 37.4  |       |

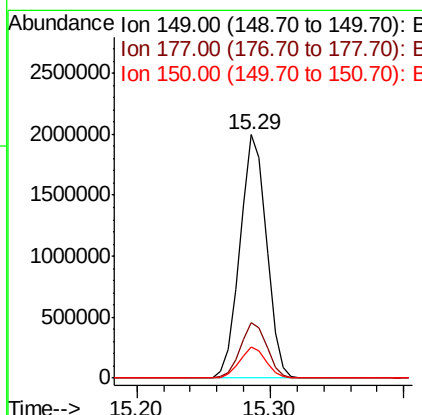
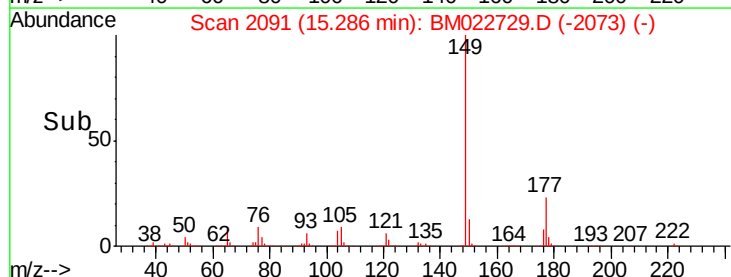
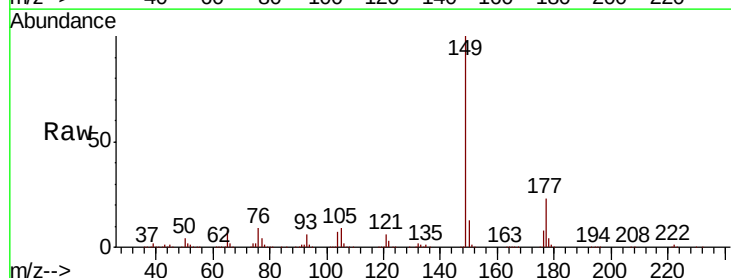
Manual Integrations  
 APPROVED

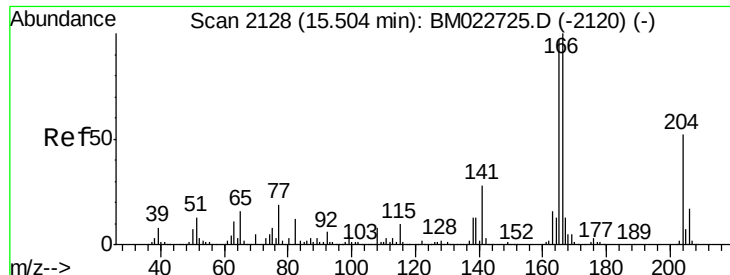
mohammad  
 9/24/2019 8:34:47 AM



#60  
 Diethylphthalate  
 Concen: 79.415 ng  
 RT: 15.29 min Scan# 2091  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 2734874 |       |       |
| 177     | 22.7  | 17.6    | 26.4  |       |
| 150     | 12.6  | 9.9     | 14.9  |       |





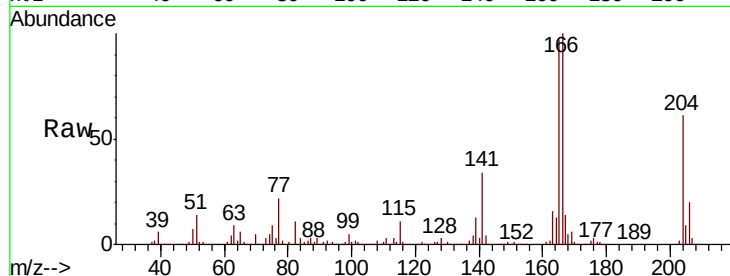
#61  
4-Chlorophenyl-phenylether  
Concen: 69.836 ng  
RT: 15.50 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 26.2  | 39.4  |
| 141     | 55.6  | 42.6  | 64.0  |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM

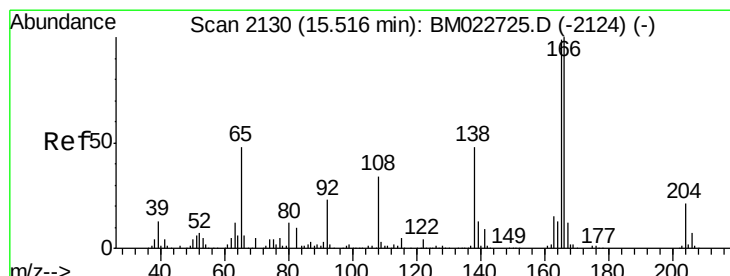
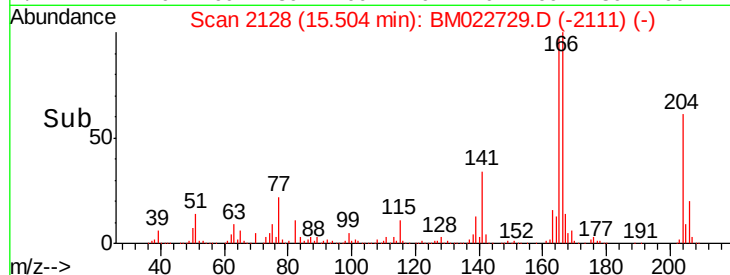
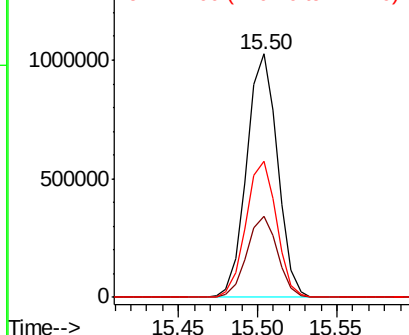


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 125.489 ng  
RT: 15.53 min Scan# 2132  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

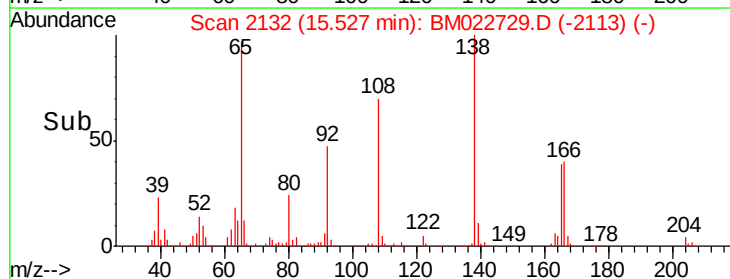
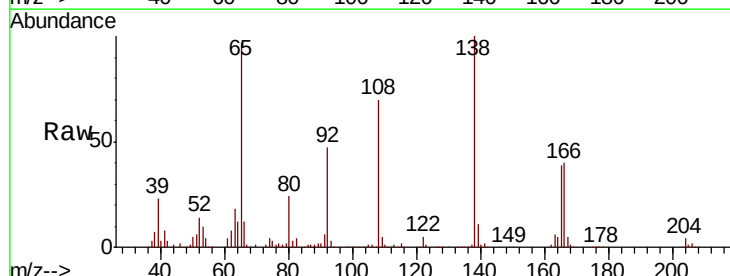
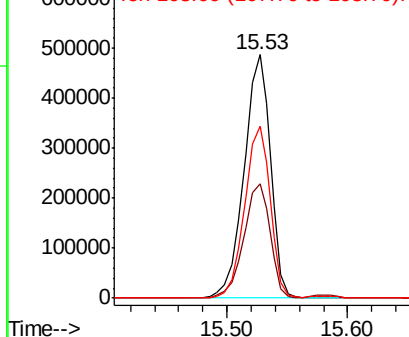
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.9  | 28.7  | 68.7  |
| 108     | 70.5  | 50.3  | 90.3  |

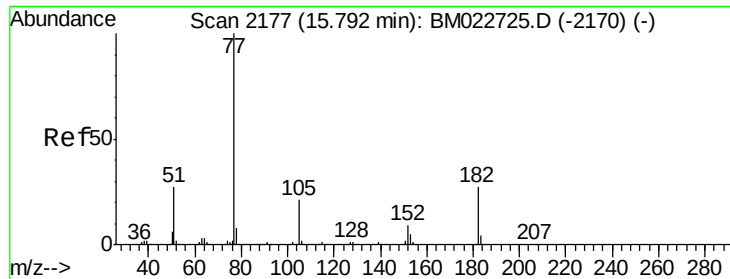
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





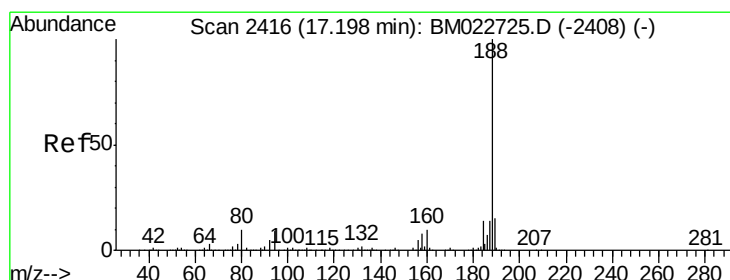
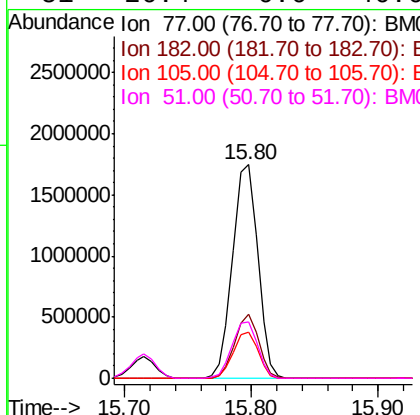
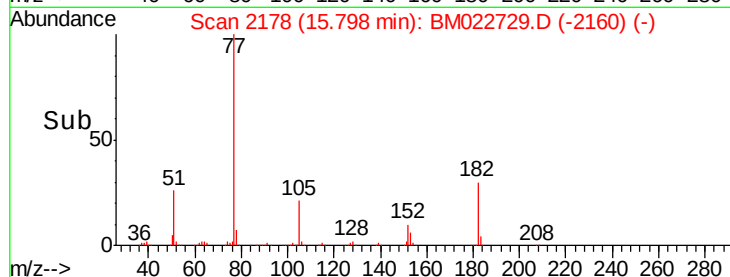
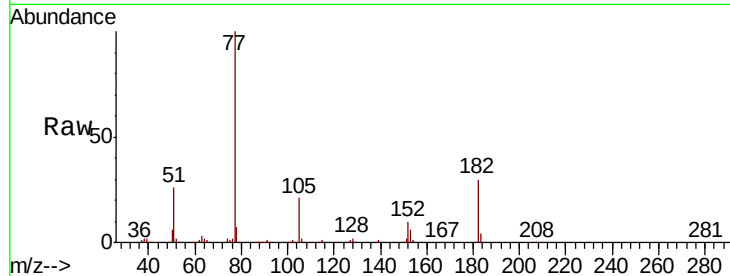
#63  
Azobenzene  
Concen: 72.395 ng  
RT: 15.80 min Scan# 2178  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 29.9 | 7.0   | 47.0  |       |
| 105     | 21.3 | 0.9   | 40.9  |       |
| 51      | 26.4 | 6.6   | 46.6  |       |

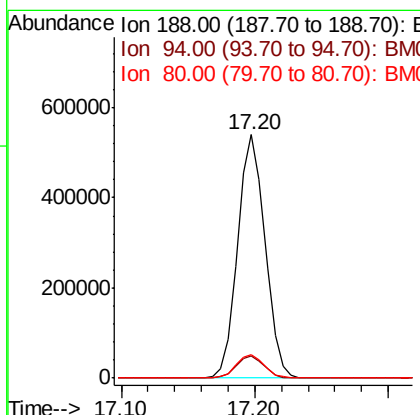
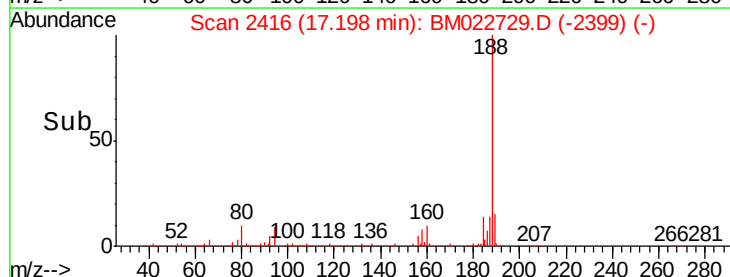
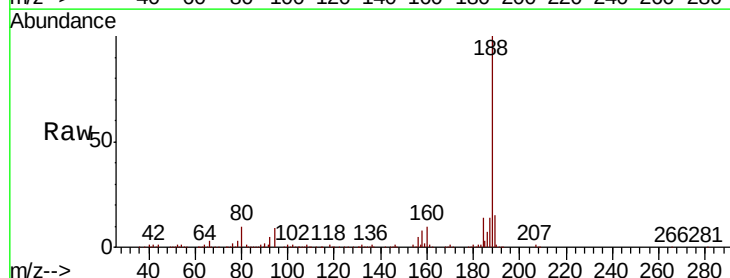
Manual Integrations  
APPROVED

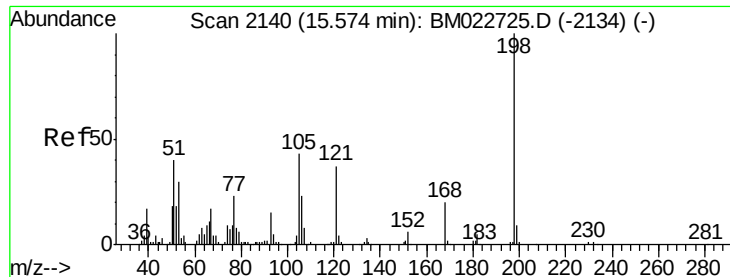
mohammad  
9/24/2019 8:34:47 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.20 min Scan# 2416  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 9.1 | 7.3   | 10.9  |       |
| 80      | 9.7 | 7.8   | 11.8  |       |





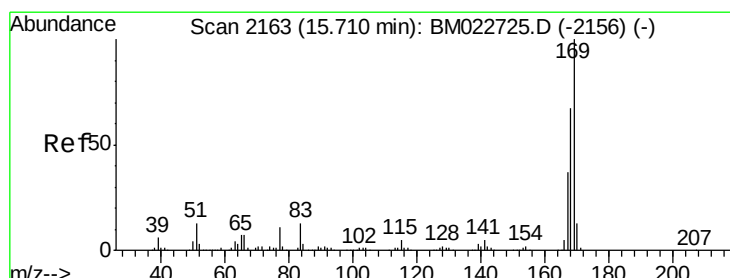
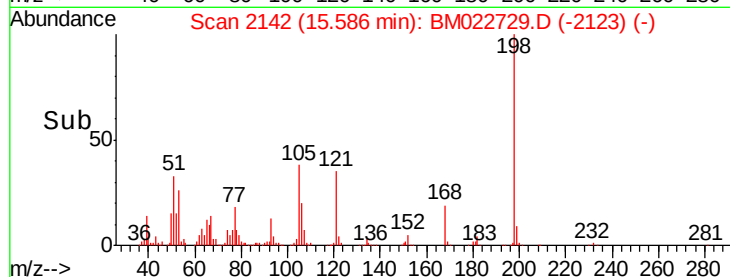
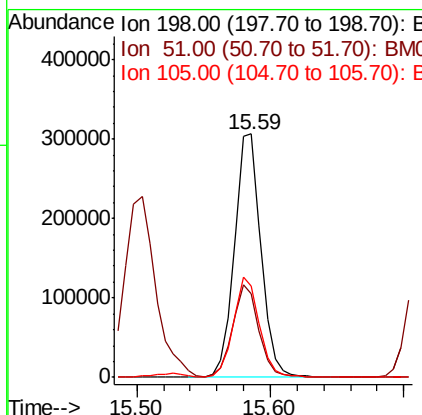
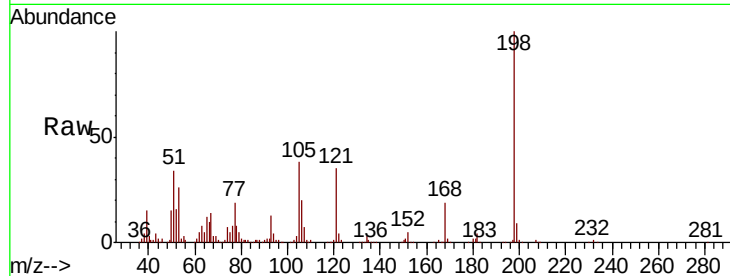
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 92.508 ng  
 RT: 15.59 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 424736 |       |       |
| 51      | 34.3  | 21.0   | 61.0  |       |
| 105     | 37.7  | 22.5   | 62.5  |       |

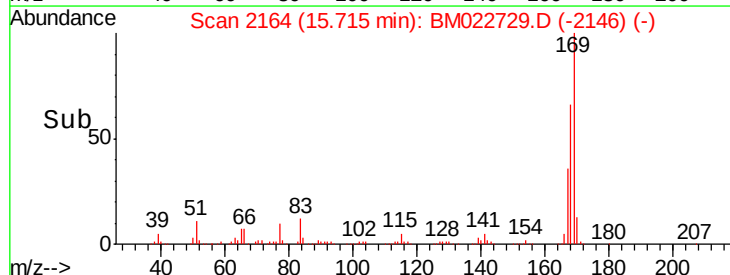
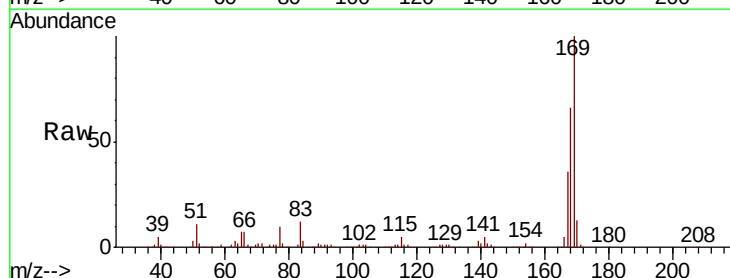
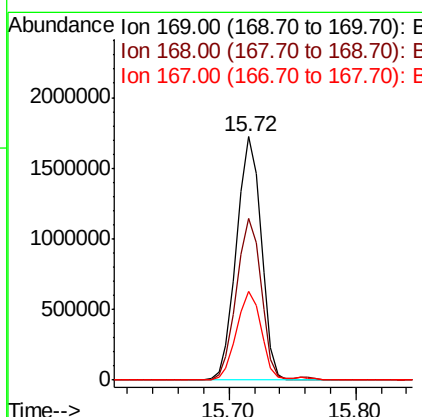
Manual Integrations  
 APPROVED

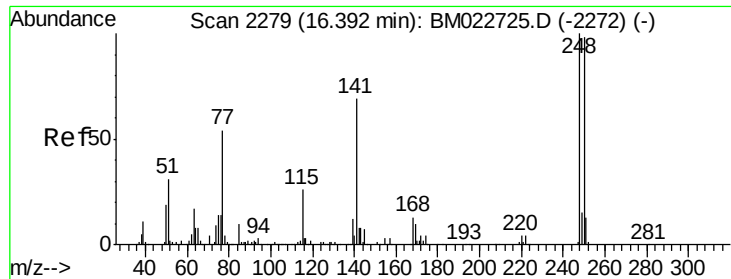
mohammad  
 9/24/2019 8:34:47 AM



#66  
 n-Nitrosodiphenylamine  
 Concen: 94.963 ng  
 RT: 15.72 min Scan# 2164  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 2328466 |       |       |
| 168     | 66.4  | 53.4    | 80.2  |       |
| 167     | 36.3  | 29.3    | 43.9  |       |





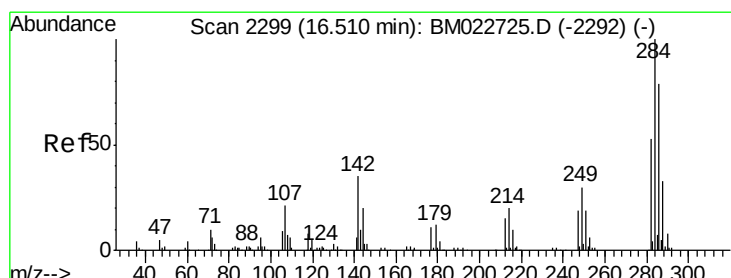
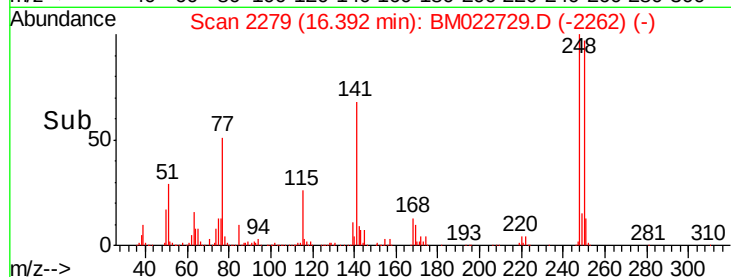
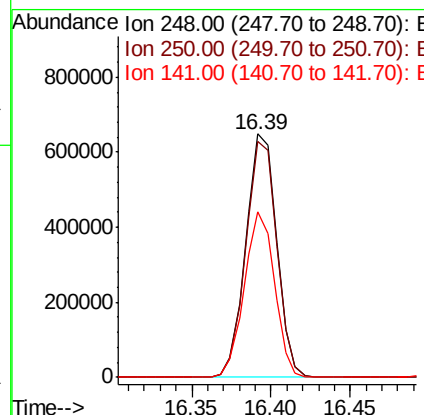
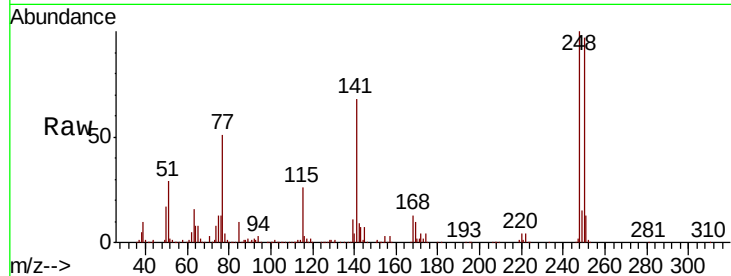
#67  
4-Bromophenyl-phenylether  
Concen: 77.502 ng  
RT: 16.39 min Scan# 2279  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.8  | 78.4  | 117.6 |
| 141     | 68.1  | 55.1  | 82.7  |

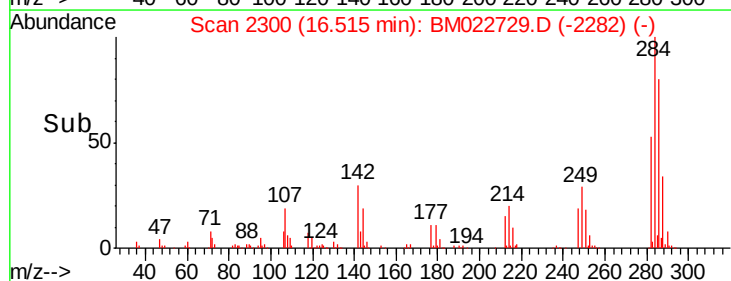
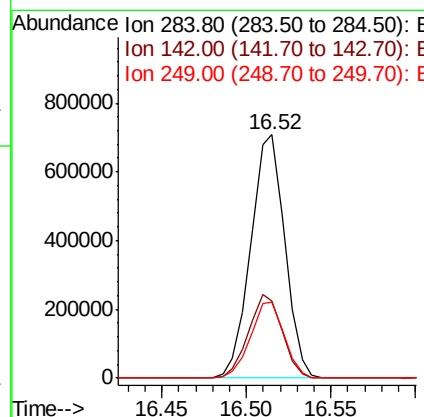
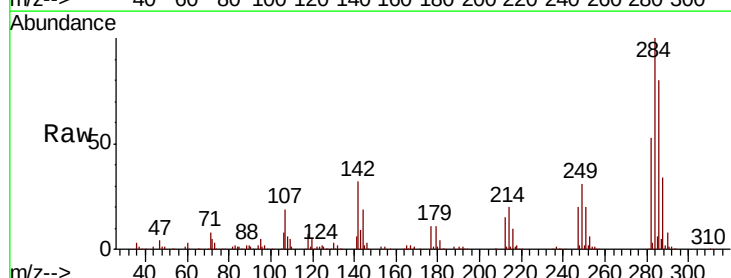
Manual Integrations  
APPROVED

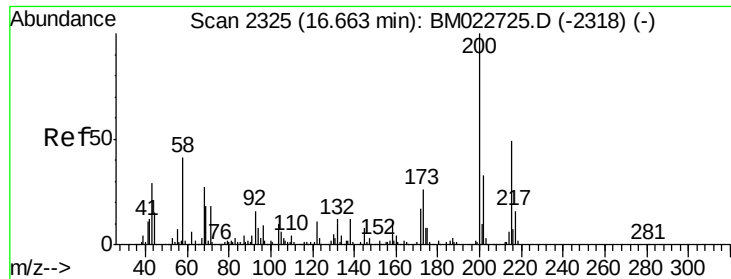
mohammad  
9/24/2019 8:34:47 AM



#68  
Hexachlorobenzene  
Concen: 77.494 ng  
RT: 16.52 min Scan# 2300  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.6  | 27.8  | 41.8  |
| 249     | 31.4  | 24.4  | 36.6  |





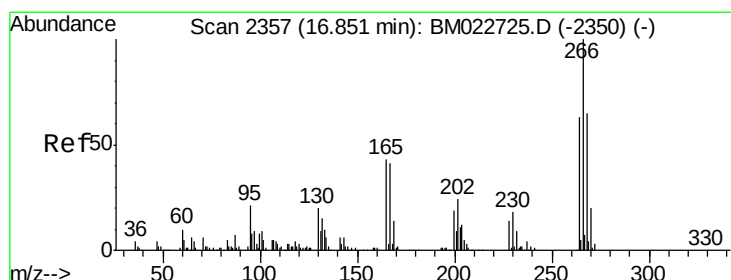
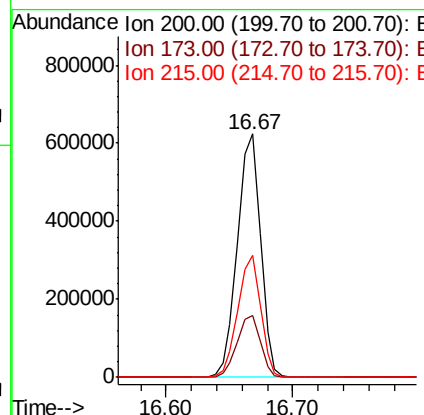
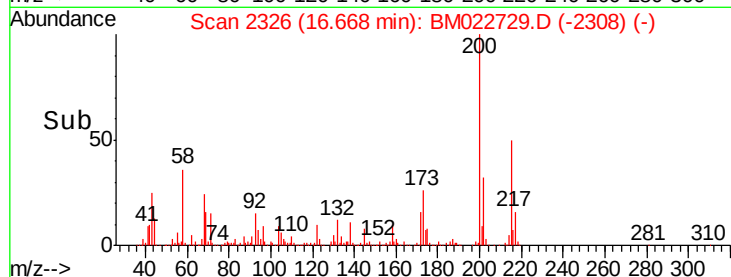
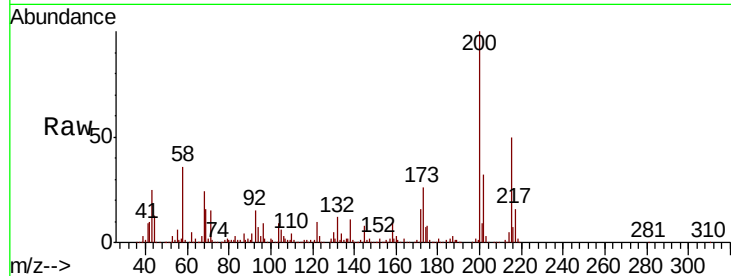
#69  
Atrazine  
Concen: 96.910 ng  
RT: 16.67 min Scan# 2326  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 786871 |       |       |
| 173     | 25.6  | 5.8    | 45.8  |       |
| 215     | 50.0  | 29.2   | 69.2  |       |

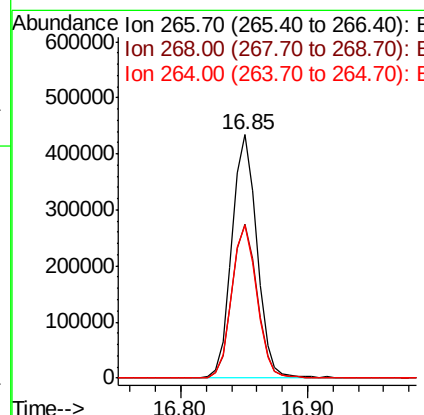
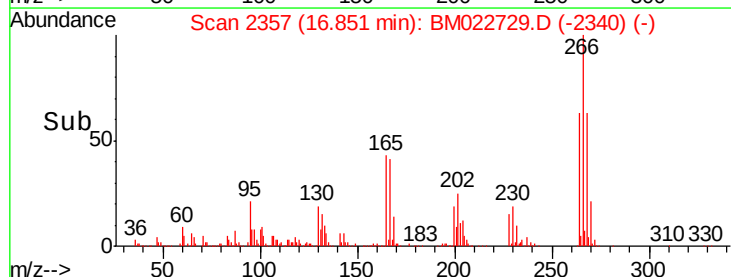
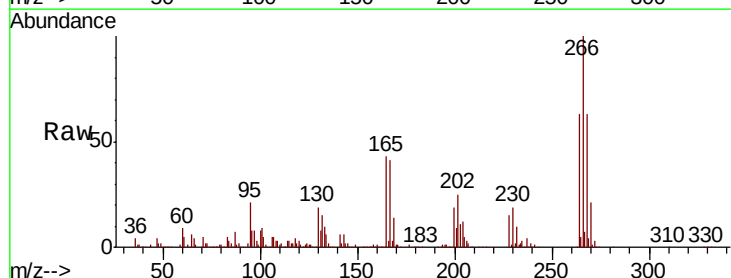
Manual Integrations  
APPROVED

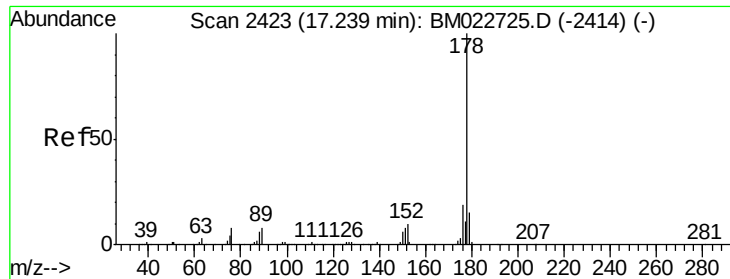
mohammad  
9/24/2019 8:34:47 AM



#70  
Pentachlorophenol  
Concen: 94.891 ng  
RT: 16.85 min Scan# 2357  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 594344 |       |       |
| 268     | 63.0  | 51.8   | 77.6  |       |
| 264     | 62.9  | 50.2   | 75.4  |       |





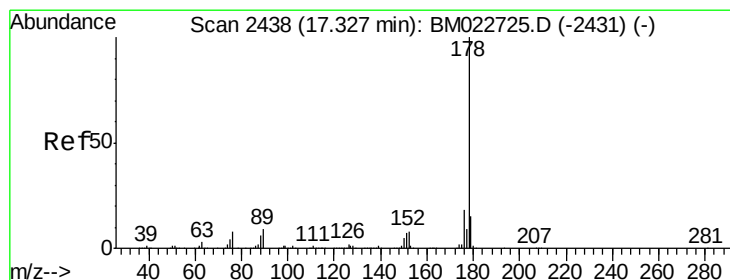
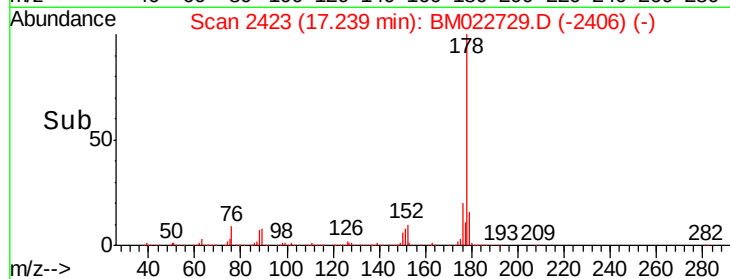
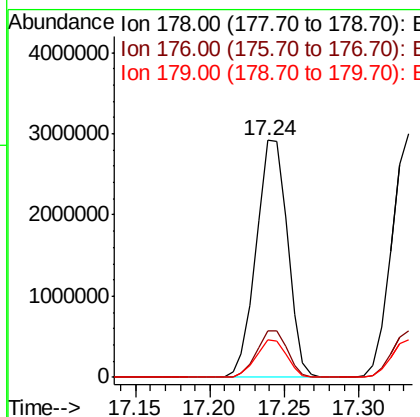
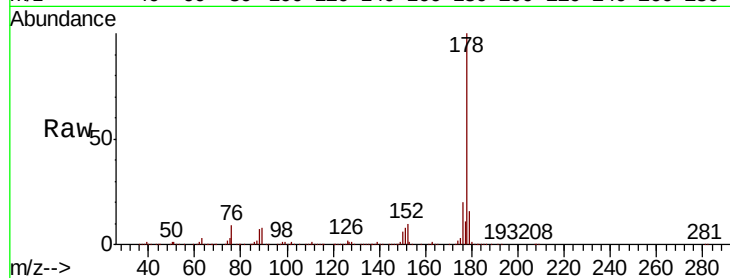
#71  
Phenanthrene  
Concen: 95.136 ng  
RT: 17.24 min Scan# 2423  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

Tot Ion:178 Resp: 4218893  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.2  
179 15.9 12.3 18.5

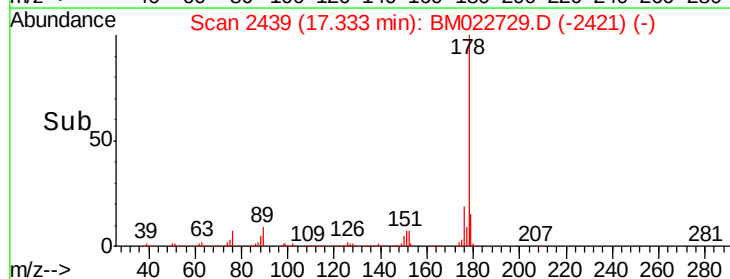
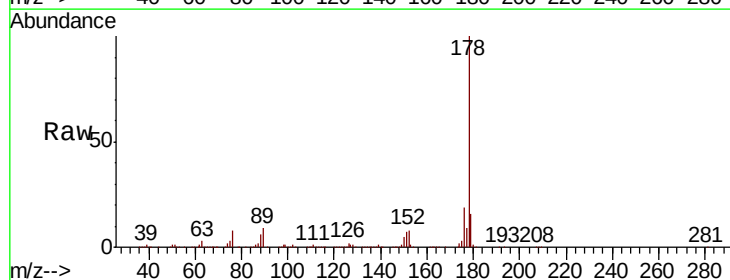
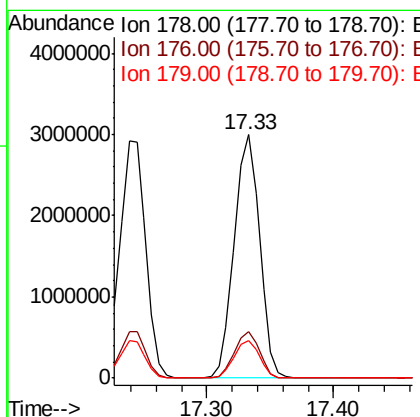
Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM

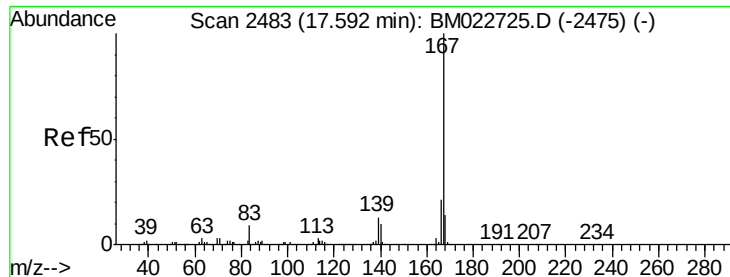


#72  
Anthracene  
Concen: 94.256 ng  
RT: 17.33 min Scan# 2439  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Tgt Ion:178 Resp: 4149247  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.7 22.1  
179 15.6 12.2 18.4







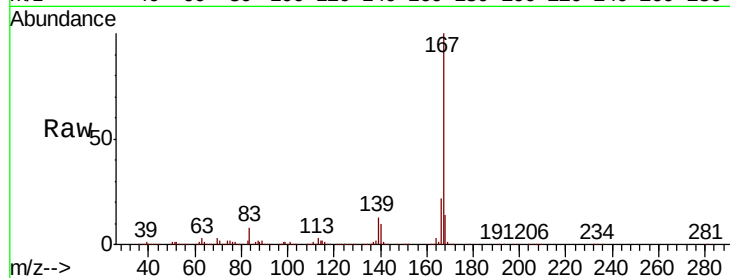
#73  
 Carbazole  
 Concen: 105.318 ng  
 RT: 17.60 min Scan# 2484  
 Delta R.T. 0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.0  | 25.4  |
| 139     | 12.7  | 10.1  | 15.1  |

Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 8:34:47 AM

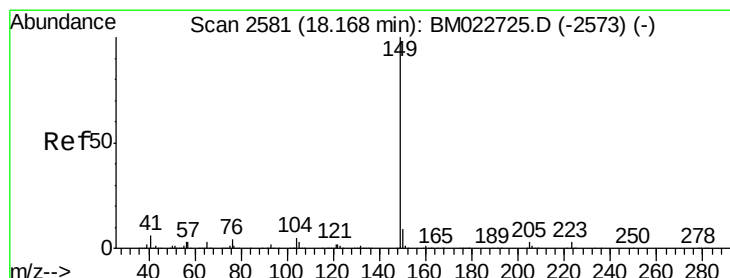
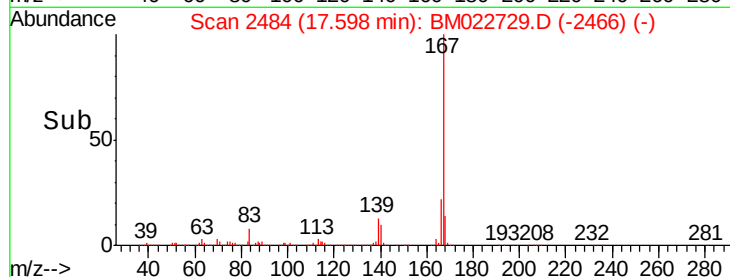
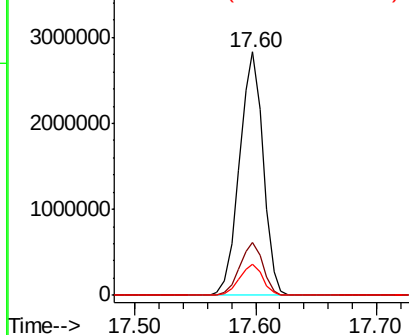


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74  
 Di-n-butylphthalate  
 Concen: 81.392 ng  
 RT: 18.17 min Scan# 2581  
 Delta R.T. -0.00 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

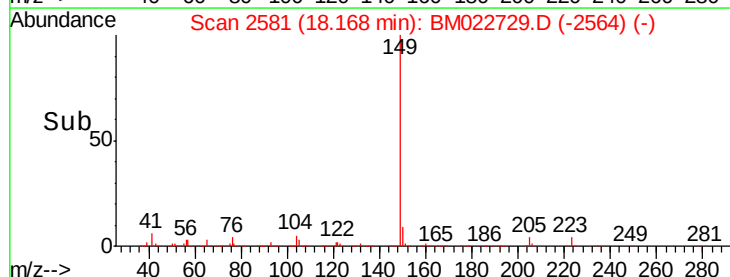
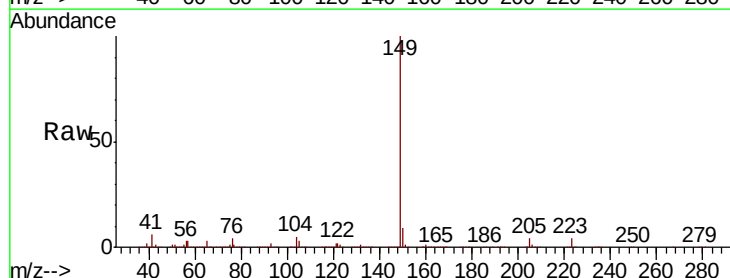
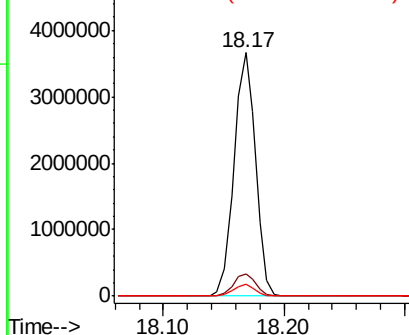
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.3   | 10.9  |
| 104     | 4.7   | 3.8   | 5.6   |

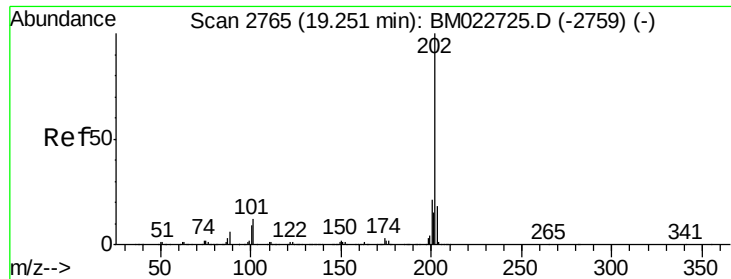
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 91.096 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

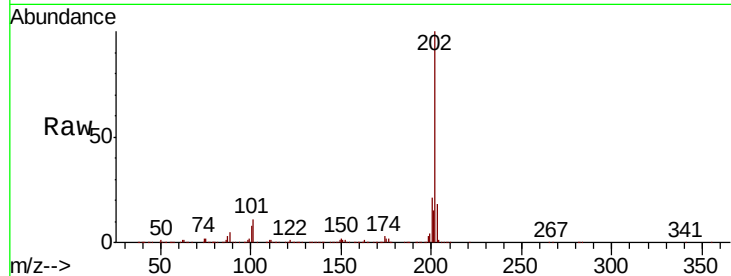
ClientSampleId :

SSTDICC100

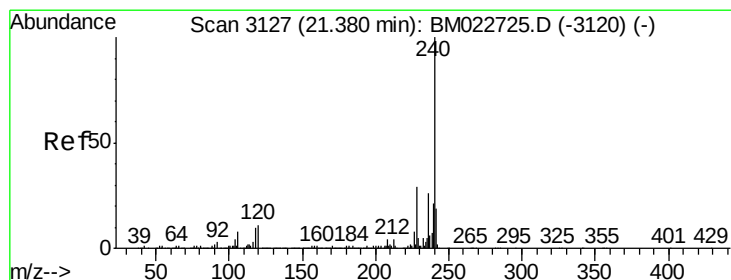
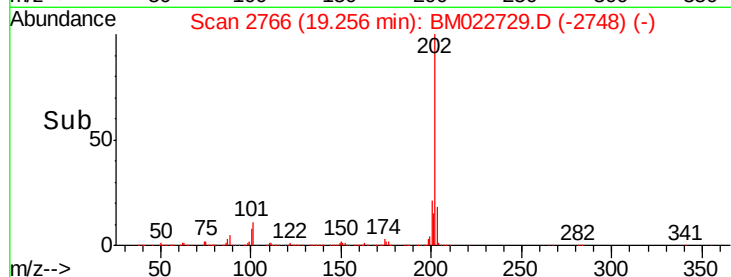
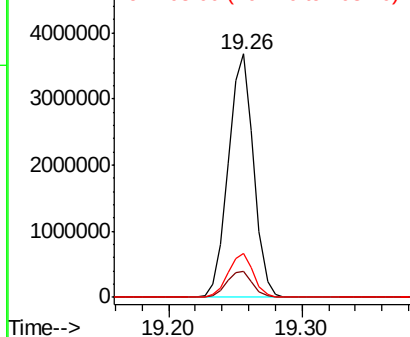
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 4871535 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.7  | 0.0   | 32.1    |
| 203      | 17.9  | 0.0   | 37.7    |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



Abundance Ion 202.00 (201.70 to 202.70): E  
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

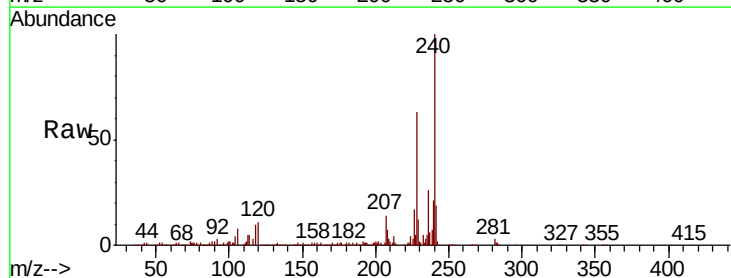
RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

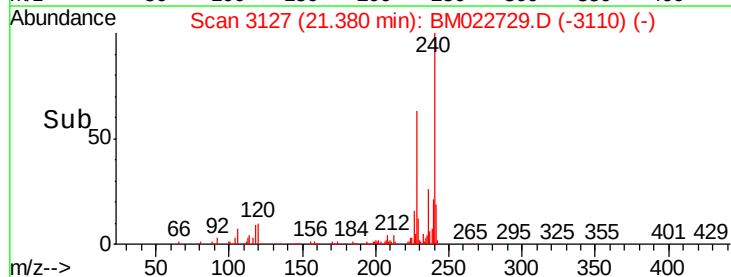
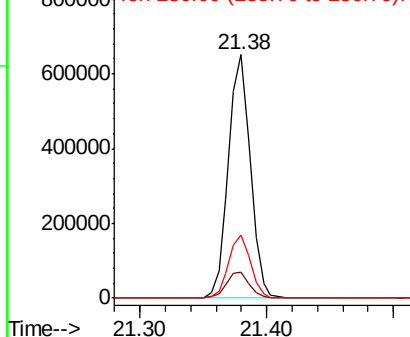
Lab File: BM022729.D

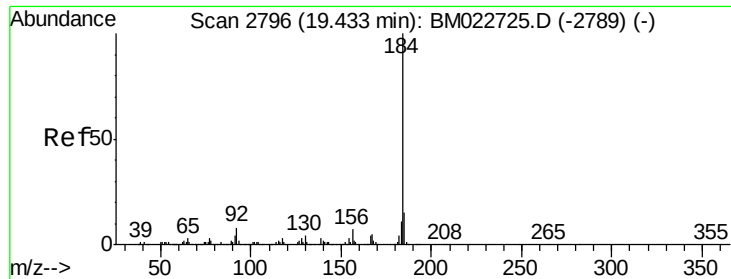
Acq: 20 Sep 2019 15:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 777512 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.6  | 8.8   | 13.2   |
| 236      | 26.0  | 20.8  | 31.2   |



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





#77

Benzidine

Concen: 111.243 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

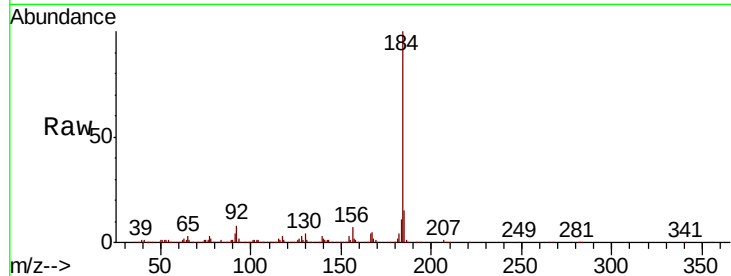
ClientSampleId :

SSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 184   | Resp: | 1939981 |
| Ion      | Ratio | Lower | Upper   |
| 184      | 100   |       |         |
| 185      | 14.6  | 11.6  | 17.4    |
| 183      | 11.5  | 9.1   | 13.7    |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM

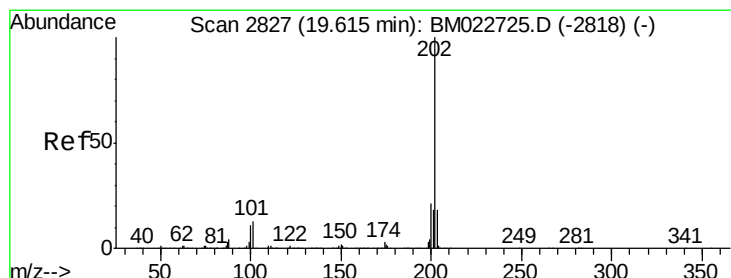
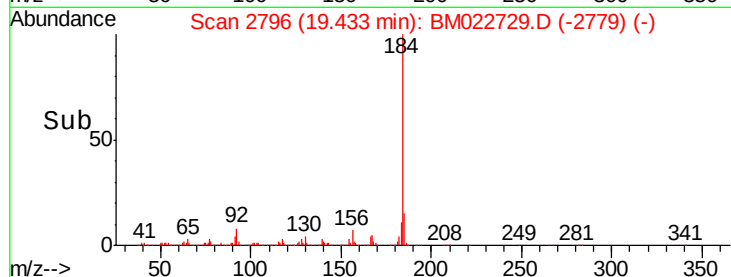
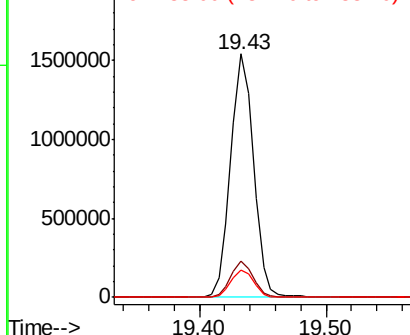


Abundance

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: 91.794 ng

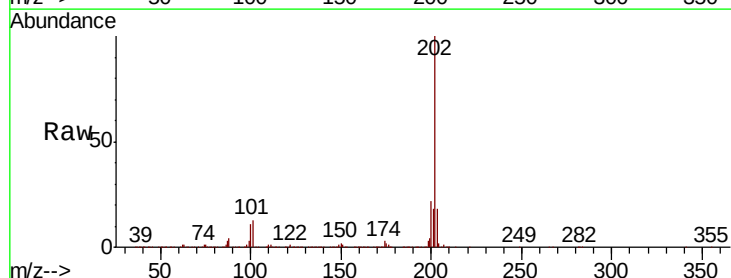
RT: 19.62 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 5023663 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 21.8  | 16.7  | 25.1    |
| 203      | 18.0  | 14.1  | 21.1    |

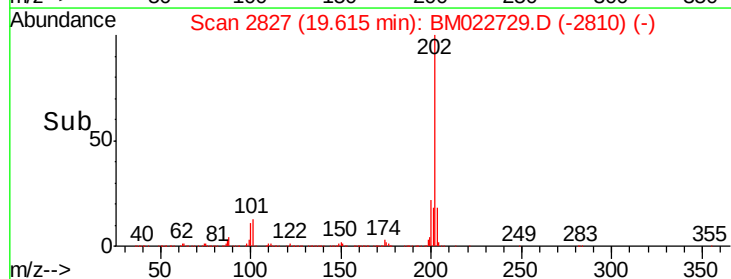
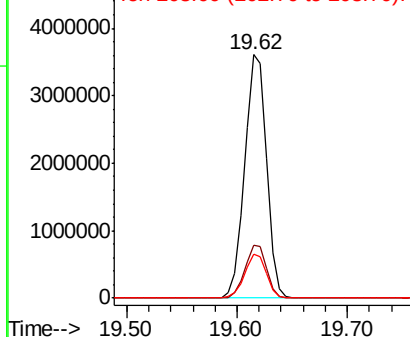


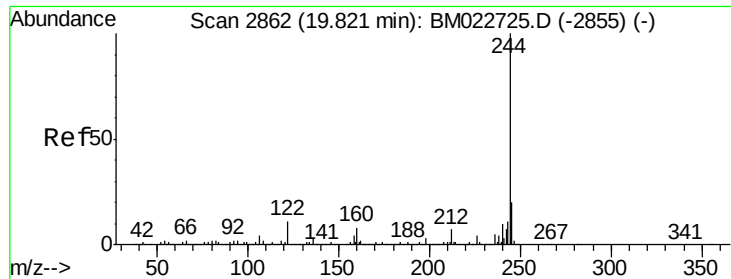
Abundance

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





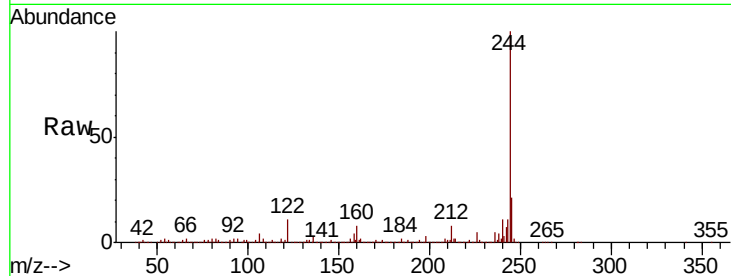
#79  
 Terphenyl-d14  
 Concen: 136.169 ng  
 RT: 19.82 min Scan# 2862  
 Delta R.T. -0.00 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 5.9   | 8.9   |
| 122     | 11.2  | 9.0   | 13.4  |

Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 8:34:47 AM

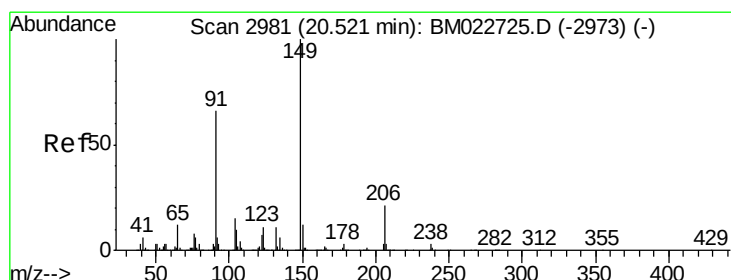
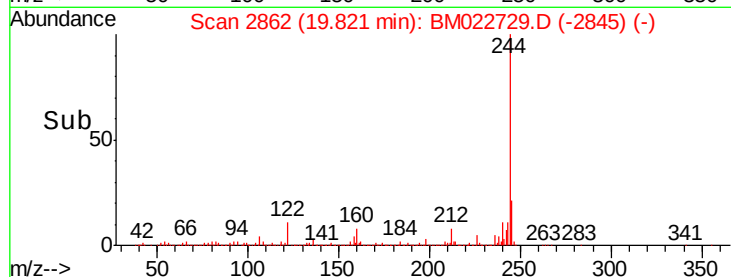
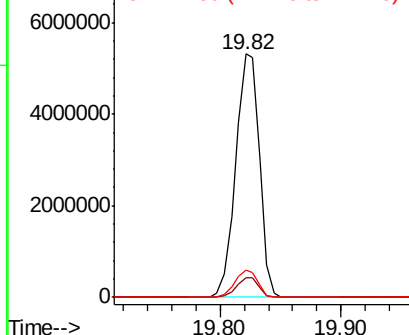


Abundance

Ion 244.00 (243.70 to 244.70): E

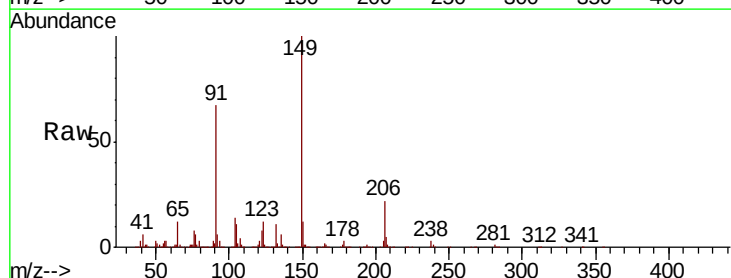
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80  
 Butylbenzylphthalate  
 Concen: 85.313 ng  
 RT: 20.52 min Scan# 2980  
 Delta R.T. -0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.5  | 53.0  | 79.4  |
| 206     | 21.8  | 16.9  | 25.3  |

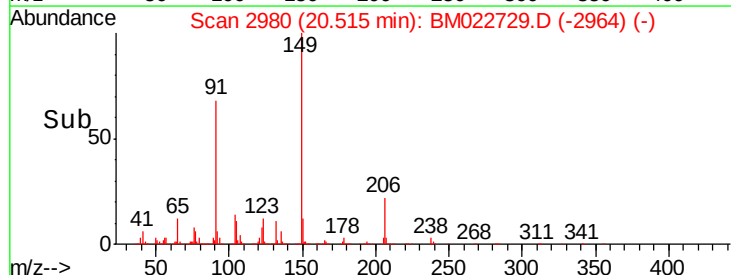
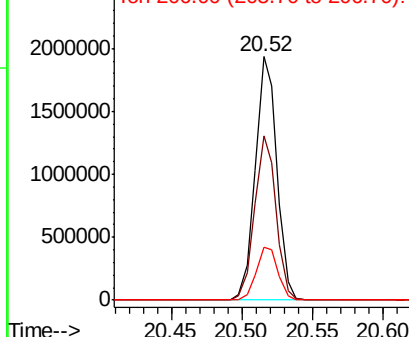


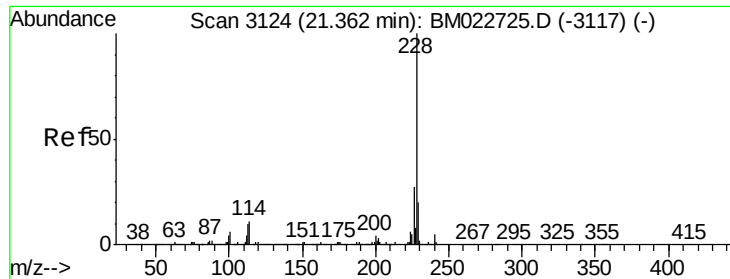
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 90.170 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

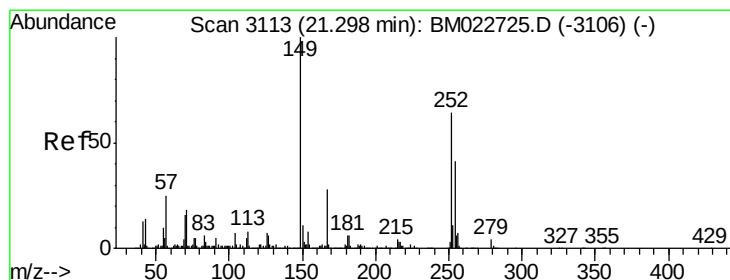
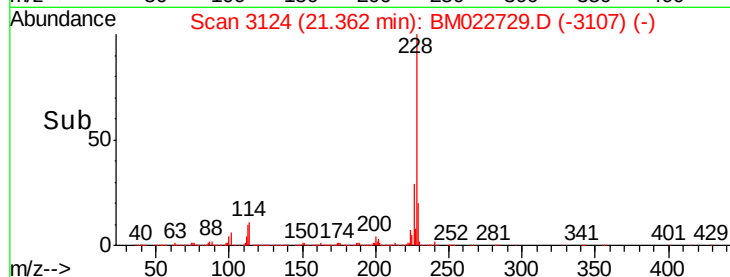
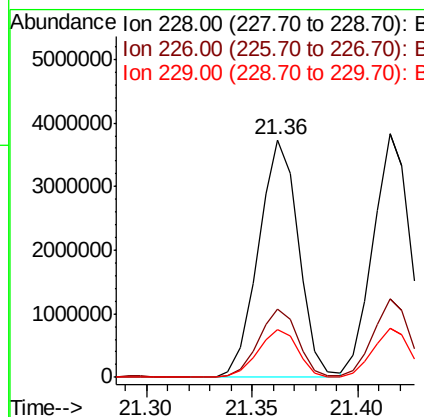
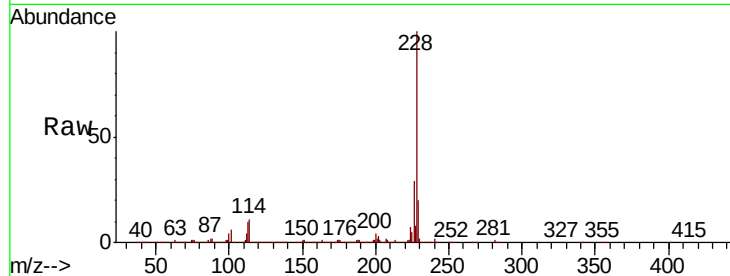
ClientSampleId :

SSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 4930411 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 29.0  | 22.0  | 33.0    |
| 229      | 20.4  | 15.9  | 23.9    |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#82

3,3'-Dichlorobenzidine

Concen: 94.497 ng

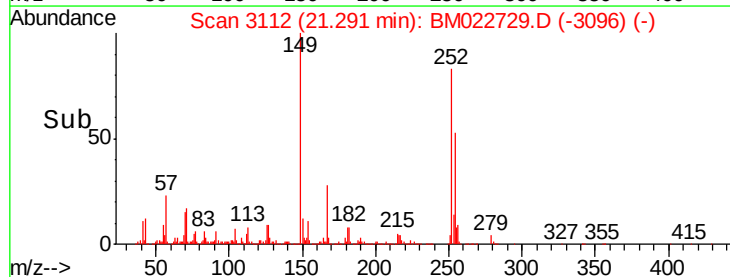
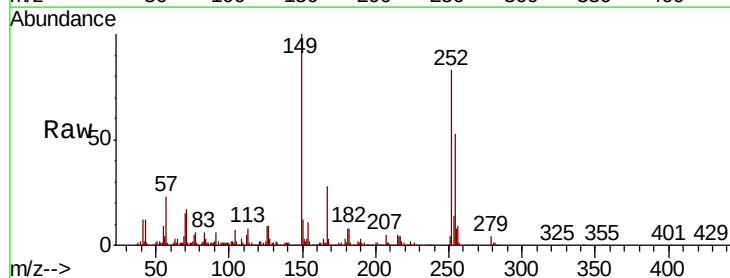
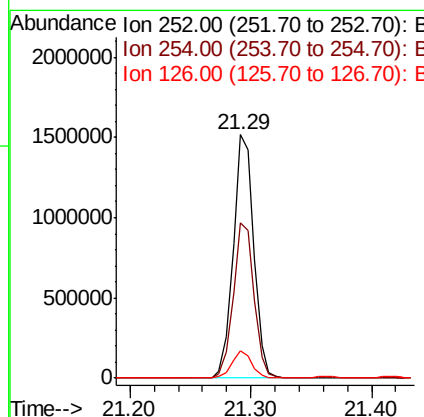
RT: 21.29 min Scan# 3112

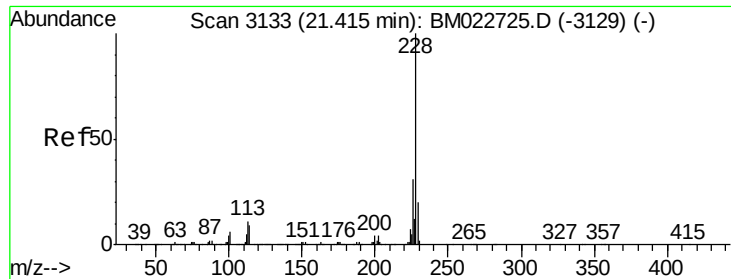
Delta R.T. -0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1801564 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 254      | 63.8  | 51.7  | 77.5    |
| 126      | 11.1  | 8.3   | 12.5    |





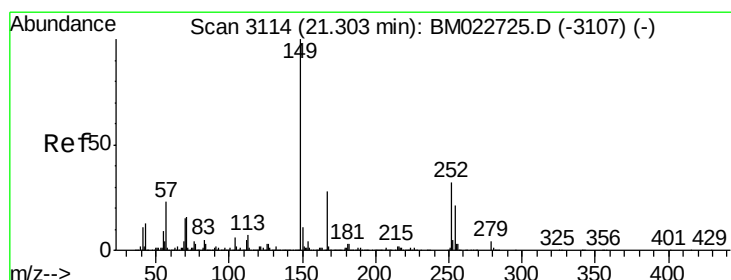
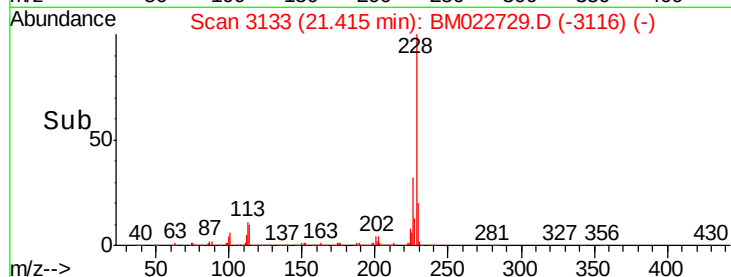
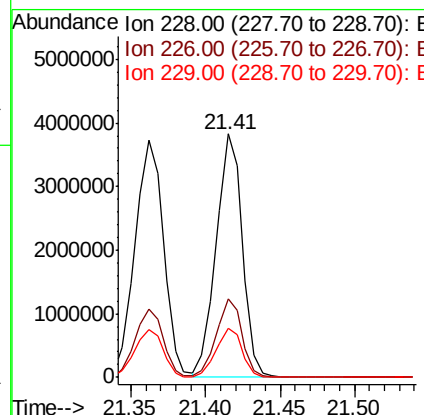
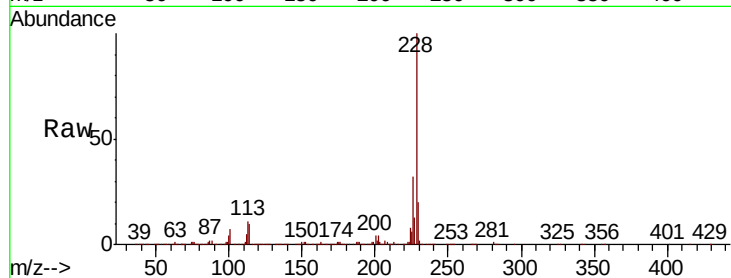
#83  
 Chrvsene  
 Concen: 88.671 ng  
 RT: 21.41 min Scan# 3133  
 Delta R.T. -0.00 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.3  | 24.5  | 36.7  |
| 229     | 20.3  | 15.9  | 23.9  |

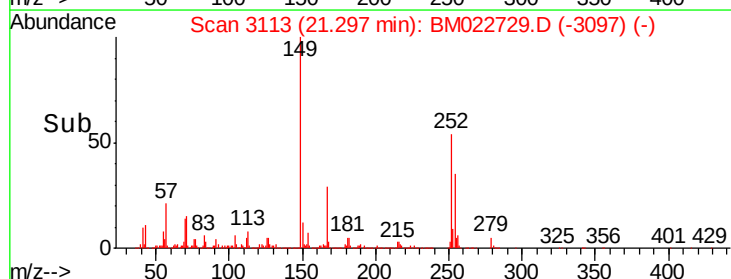
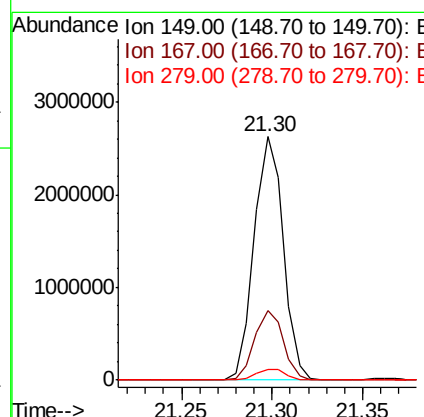
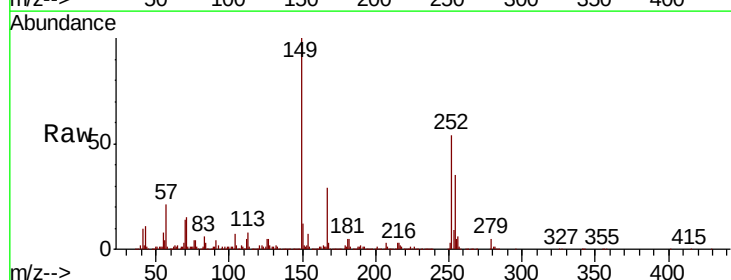
Manual Integrations  
 APPROVED

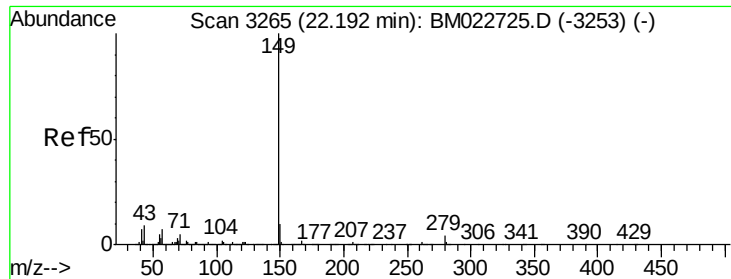
mohammad  
 9/24/2019 8:34:47 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 79.938 ng  
 RT: 21.30 min Scan# 3113  
 Delta R.T. -0.01 min  
 Lab File: BM022729.D  
 Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.8  | 22.1  | 33.1  |
| 279     | 4.6   | 3.4   | 5.0   |





#85

Di-n-octyl phthalate

Concen: 83.802 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

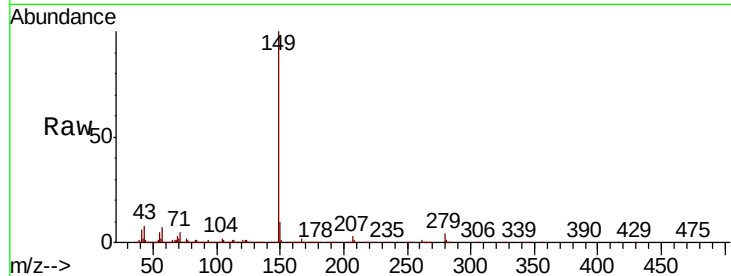
ClientSampled :

SSTDICC100

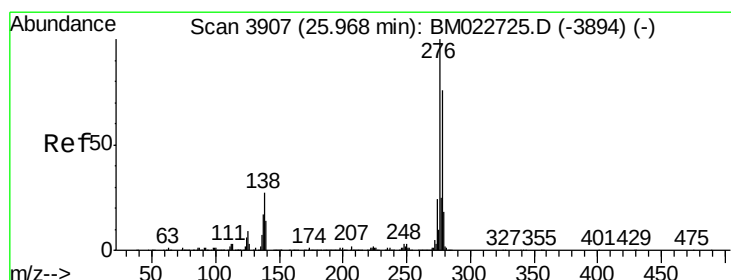
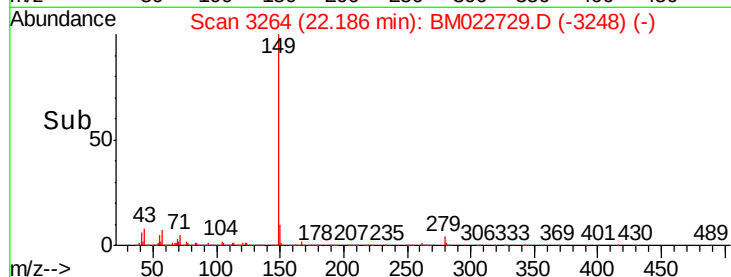
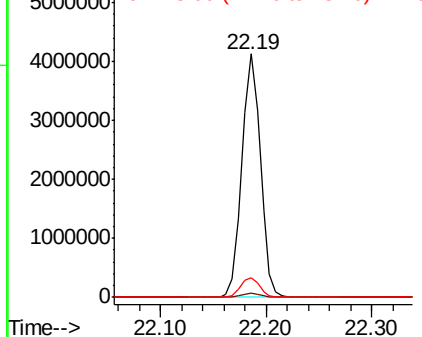
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 4993291 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.6   | 1.3   | 1.9     |
| 43       | 8.2   | 7.4   | 11.0    |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 102.590 ng

RT: 25.98 min Scan# 3909

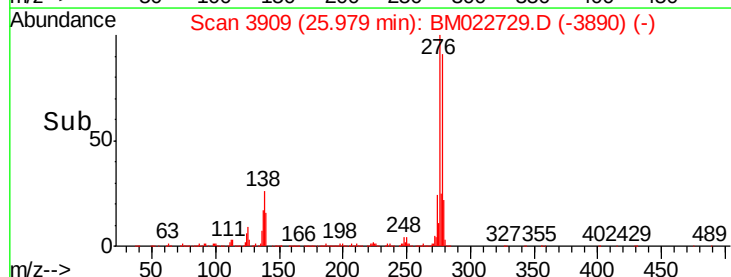
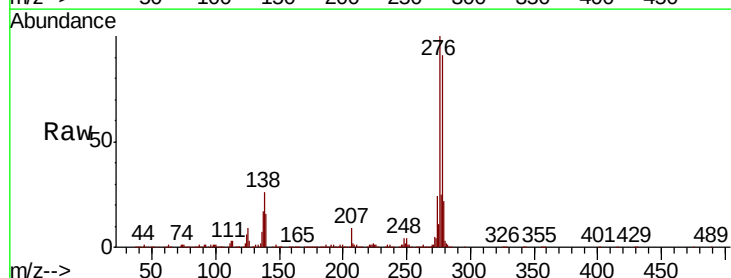
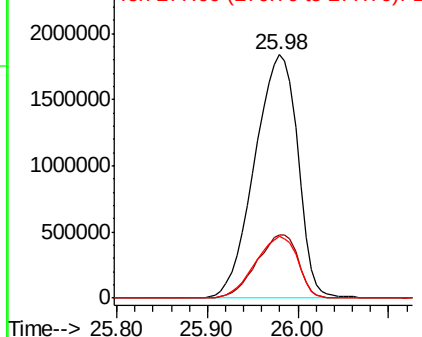
Delta R.T. 0.01 min

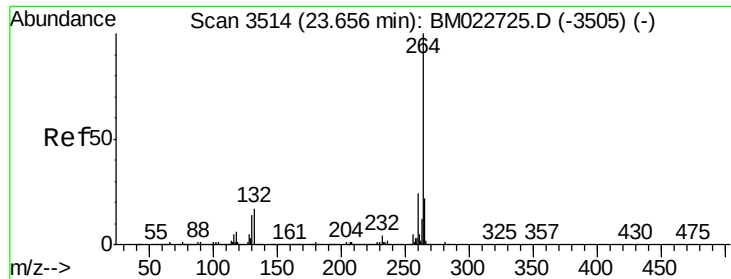
Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 6065705 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 25.4  | 0.0   | 0.0#    |
| 277      | 25.1  | 0.0   | 0.0#    |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

Instrument :

BNA\_M

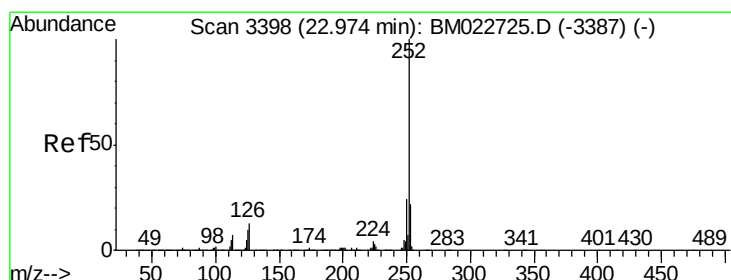
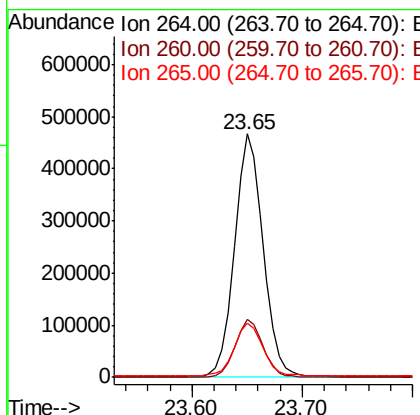
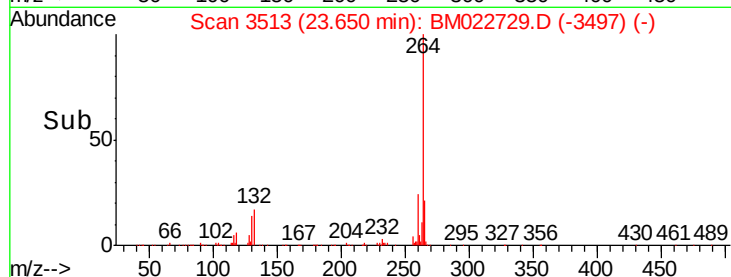
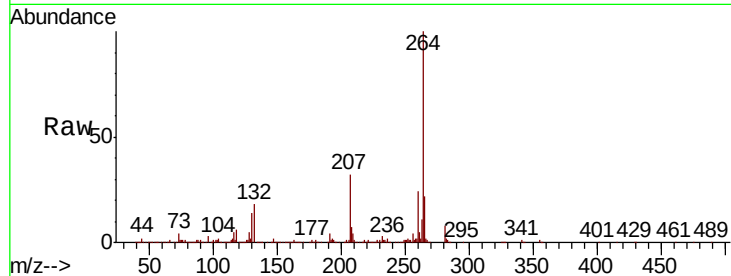
ClientSampleId :

SSTDICC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 850366 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.6  | 19.1  | 28.7   |
| 265       | 22.3  | 17.9  | 26.9   |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#88

Benzo(b)fluoranthene

Concen: 89.181 ng

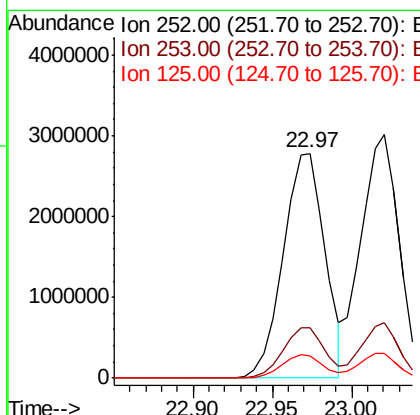
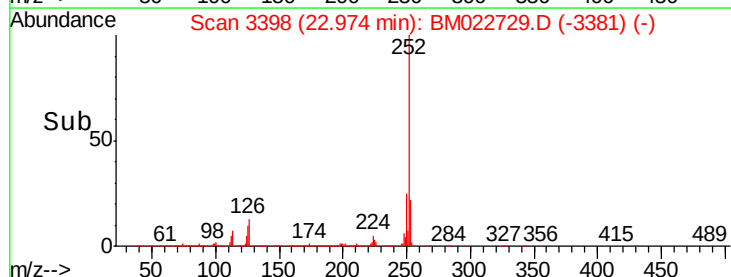
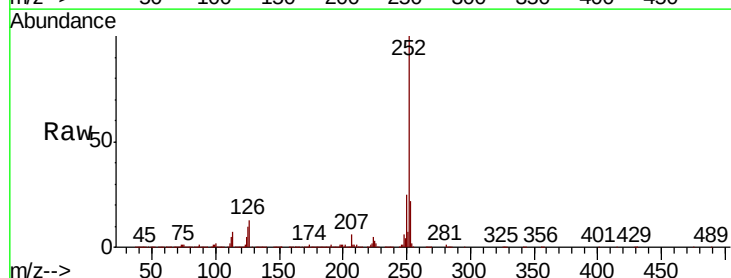
RT: 22.97 min Scan# 3398

Delta R.T. -0.00 min

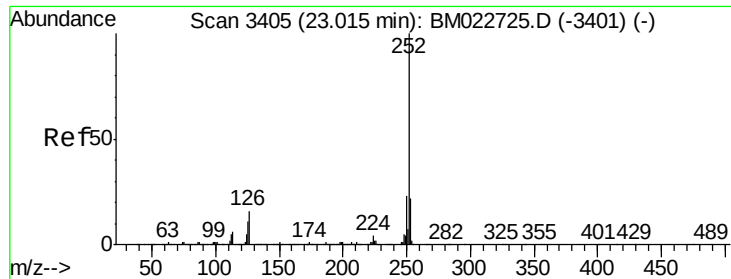
Lab File: BM022729.D

Acq: 20 Sep 2019 15:45

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 5063774 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.2  | 17.7  | 26.5    |
| 125       | 9.9   | 8.2   | 12.4    |







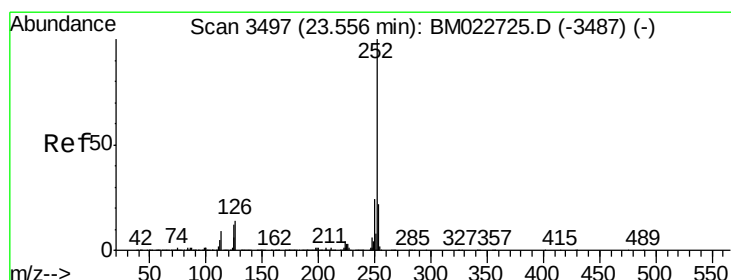
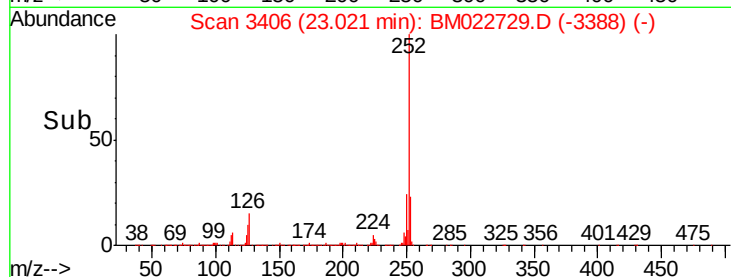
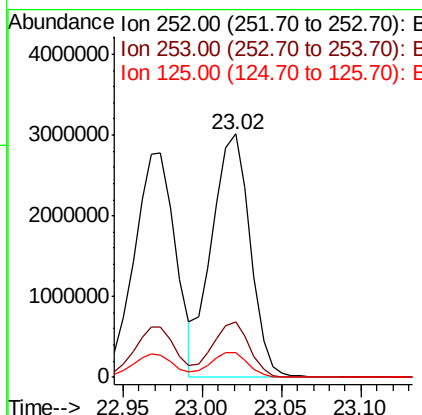
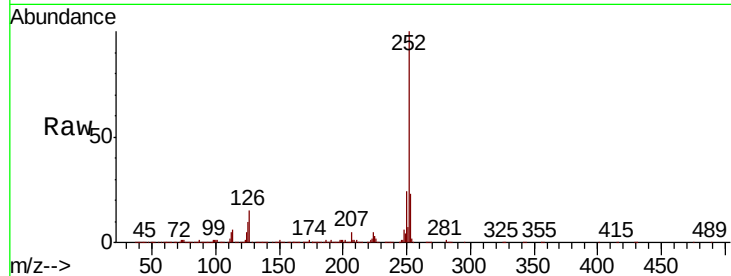
#89  
Benzo(k)fluoranthene  
Concen: 91.236 ng  
RT: 23.02 min Scan# 3406  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.7  | 26.5  |
| 125     | 9.9   | 8.5   | 12.7  |

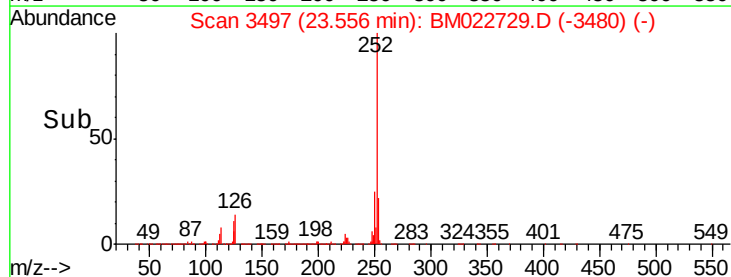
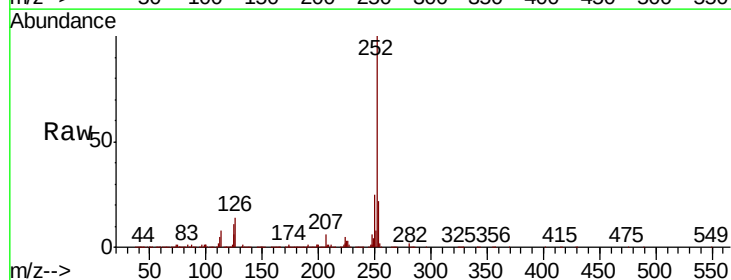
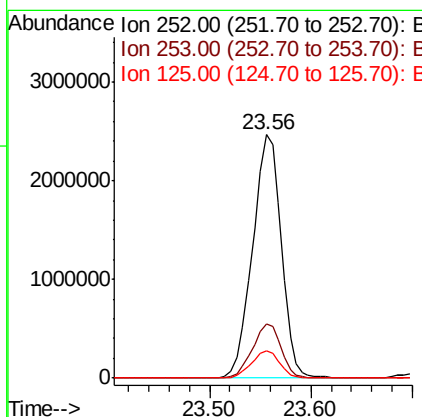
Manual Integrations  
APPROVED

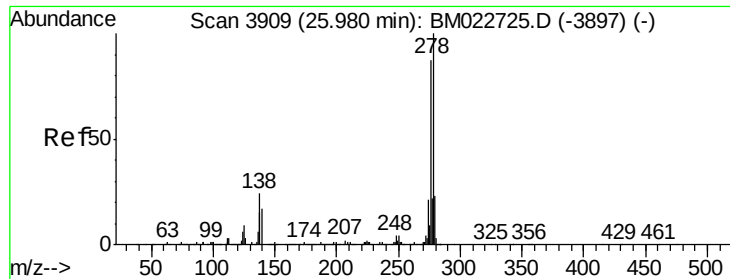
mohammad  
9/24/2019 8:34:47 AM



#90  
Benzo(a)pyrene  
Concen: 93.467 ng  
RT: 23.56 min Scan# 3497  
Delta R.T. -0.00 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.3  | 25.9  |
| 125     | 11.3  | 9.3   | 13.9  |





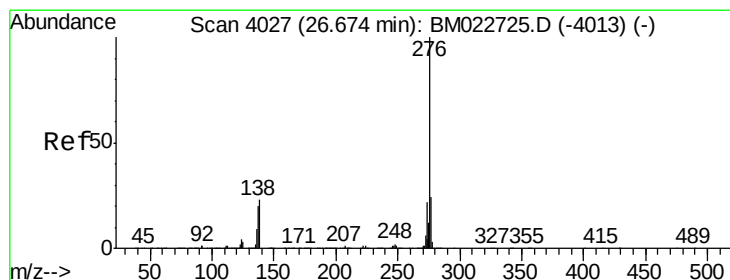
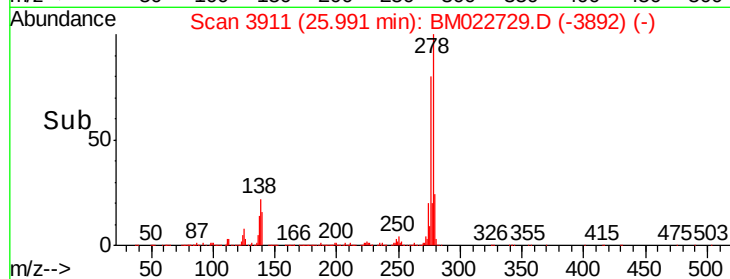
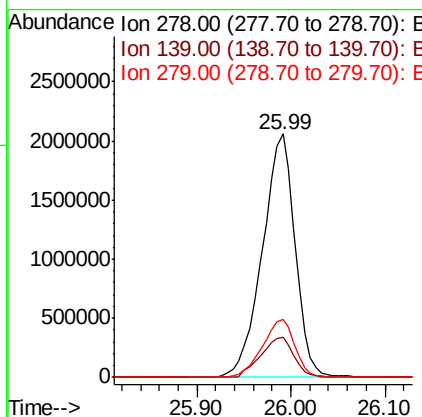
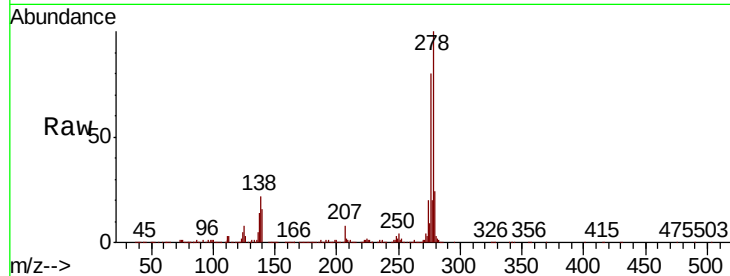
#91  
Dibenzo(a,h)anthracene  
Concen: 90.141 ng  
RT: 25.99 min Scan# 3911  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.5  | 13.7  | 20.5  |
| 279     | 23.7  | 18.6  | 28.0  |

Manual Integrations  
APPROVED

mohammad  
9/24/2019 8:34:47 AM



#92  
Benzo(g,h,i)perylene  
Concen: 100.899 ng  
RT: 26.69 min Scan# 4029  
Delta R.T. 0.01 min  
Lab File: BM022729.D  
Acq: 20 Sep 2019 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 19.1  | 28.7  |
| 138     | 22.0  | 18.5  | 27.7  |

