

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\  
 Data File : BM020603.D  
 Acq On : 29 May 2019 17:22  
 Operator : JU/SJ  
 Sample : PB120010BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB120010BS

Manual Integrations  
 APPROVED

mohammad  
 5/30/2019 8:16:19 AM

Quant Time: May 30 02:22:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 02:15:06 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 55640    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.41 | 136  | 192617   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.29 | 164  | 124519   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.04 | 188  | 294961   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.24 | 240  | 314083   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.46 | 264  | 375387   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.21  | 112 | 381531  | 134.52 | ng | 0.00 |
| 7) Phenol-d6                | 6.80  | 99  | 485921  | 113.51 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.80  | 82  | 380712  | 82.96  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.79 | 330 | 268406  | 107.59 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.90 | 172 | 851530  | 85.81  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.67 | 244 | 1463515 | 84.24  | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.13  | 88  | 60396   | 40.694 | ng | 96   |
| 3) Pyridine                    | 3.53  | 79  | 144725  | 33.309 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.46  | 42  | 38152   | 36.249 | ng | # 86 |
| 6) Aniline                     | 6.97  | 93  | 137598  | 22.221 | ng | 99   |
| 8) 2-Chlorophenol              | 7.19  | 128 | 126900  | 36.591 | ng | 99   |
| 9) Benzaldehyde                | 6.78  | 77  | 143457  | 52.493 | ng | 97   |
| 10) Phenol                     | 6.83  | 94  | 165149  | 35.727 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.06  | 93  | 107070  | 31.039 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.51  | 146 | 150004  | 33.774 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 7.66  | 146 | 147378  | 33.198 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 7.97  | 146 | 150162  | 33.739 | ng | 99   |
| 15) Benzyl Alcohol             | 7.88  | 79  | 115539m | 29.168 | ng |      |
| 16) 2,2'-oxybis(1-Chloropropan | 8.15  | 45  | 71837   | 29.879 | ng | 100  |
| 17) 2-Methylphenol             | 8.07  | 107 | 94187   | 30.863 | ng | 98   |
| 18) Hexachloroethane           | 8.68  | 117 | 61447   | 34.169 | ng | 91   |
| 19) n-Nitroso-di-n-propylamine | 8.43  | 70  | 109872  | 28.905 | ng | 99   |
| 20) 3+4-Methylphenols          | 8.40  | 107 | 123906  | 30.276 | ng | 97   |
| 22) Acetophenone               | 8.46  | 105 | 175797  | 33.144 | ng | # 98 |
| 24) Nitrobenzene               | 8.84  | 77  | 161759  | 35.691 | ng | 97   |
| 25) Isophorone                 | 9.36  | 82  | 293258  | 34.343 | ng | 99   |
| 26) 2-Nitrophenol              | 9.55  | 139 | 55513   | 33.196 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 9.60  | 122 | 95525   | 38.346 | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 9.84  | 93  | 137646  | 30.966 | ng | 98   |
| 29) 2,4-Dichlorophenol         | 10.07 | 162 | 115504  | 34.861 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.27 | 180 | 164313  | 36.271 | ng | 99   |
| 31) Naphthalene                | 10.46 | 128 | 349441  | 35.136 | ng | 99   |
| 32) Benzoic acid               | 9.72  | 122 | 9640m   | 14.638 | ng |      |
| 33) 4-Chloroaniline            | 10.60 | 127 | 60698m  | 15.291 | ng |      |
| 34) Hexachlorobutadiene        | 10.72 | 225 | 130674  | 38.797 | ng | 98   |
| 35) Caprolactam                | 11.40 | 113 | 26196m  | 24.023 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 11.72 | 107 | 111638  | 30.963 | ng | 97   |
| 37) 2-Methylnaphthalene        | 12.09 | 142 | 252895  | 33.285 | ng | 97   |
| 38) 1-Methylnaphthalene        | 12.30 | 142 | 248383  | 33.740 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 211739  | 40.451 | ng | 99   |

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Instrument :  
 BNA\_M  
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 PB120010BS

Manual Integrations  
 APPROVED

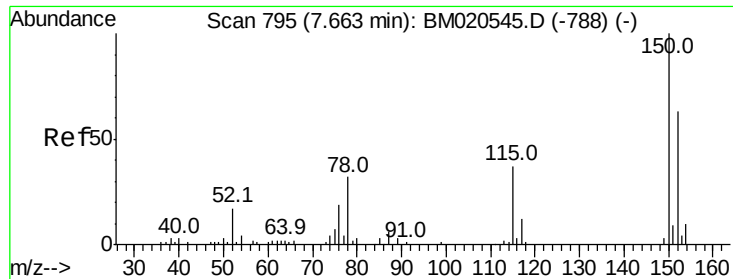
mohammad  
 5/30/2019 8:16:19 AM

Quant Time: May 30 02:22:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 02:15:06 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.42 | 237  | 132882   | 54.718 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.71 | 196  | 115832   | 35.758 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.79 | 196  | 108399   | 35.835 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.11 | 154  | 347311   | 36.216 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.16 | 162  | 286779   | 35.276 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 63843    | 27.655 | ng    | 91       |
| 49) Acenaphthylene             | 14.01 | 152  | 434021   | 35.106 | ng    | 100      |
| 50) Dimethylphthalate          | 13.75 | 163  | 360967   | 32.728 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 74428    | 32.378 | ng    | 91       |
| 52) Acenaphthene               | 14.35 | 154  | 254614   | 34.175 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.23 | 138  | 30166    | 18.589 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.45 | 184  | 37418    | 32.505 | ng    | 95       |
| 55) Dibenzofuran               | 14.69 | 168  | 447280   | 34.694 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.55 | 139  | 68308    | 48.833 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.68 | 165  | 99785    | 30.060 | ng    | 93       |
| 58) Fluorene                   | 15.34 | 166  | 350797   | 32.756 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 123778   | 35.166 | ng    | 98       |
| 60) Diethylphthalate           | 15.12 | 149  | 345356   | 31.781 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.34 | 204  | 230033   | 33.645 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.41 | 138  | 43680m   | 22.605 | ng    |          |
| 63) Azobenzene                 | 15.63 | 77   | 356422   | 33.707 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 39017    | 24.460 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.56 | 169  | 297728   | 37.226 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.23 | 248  | 141395   | 35.984 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.33 | 284  | 174551   | 36.638 | ng    | 99       |
| 69) Atrazine                   | 16.52 | 200  | 116600   | 35.435 | ng    | 99       |
| 70) Pentachlorophenol          | 16.69 | 266  | 184510   | 74.978 | ng    | 98       |
| 71) Phenanthrene               | 17.09 | 178  | 542831   | 33.876 | ng    | 99       |
| 72) Anthracene                 | 17.17 | 178  | 519248   | 33.415 | ng    | 100      |
| 73) Carbazole                  | 17.46 | 167  | 407855   | 30.583 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.00 | 149  | 524064   | 31.946 | ng    | 99       |
| 75) Fluoranthene               | 19.10 | 202  | 685667   | 30.771 | ng    | 100      |
| 77) Benzidine                  | 19.32 | 184  | 481680   | 83.450 | ng    | 99       |
| 78) Pyrene                     | 19.47 | 202  | 695185   | 35.256 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.37 | 149  | 211140   | 30.475 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.23 | 228  | 709886   | 32.657 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 206676   | 26.049 | ng    | 99       |
| 83) Chrysene                   | 21.27 | 228  | 732626   | 34.879 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 314322   | 31.128 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.02 | 149  | 554792   | 31.604 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.71 | 276  | 1061725  | 41.805 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.79 | 252  | 812348   | 33.063 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 22.84 | 252  | 852515   | 35.751 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.37 | 252  | 821563   | 36.337 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.73 | 278  | 902888   | 39.012 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.40 | 276  | 890640   | 41.514 | ng    | 98       |

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





#1

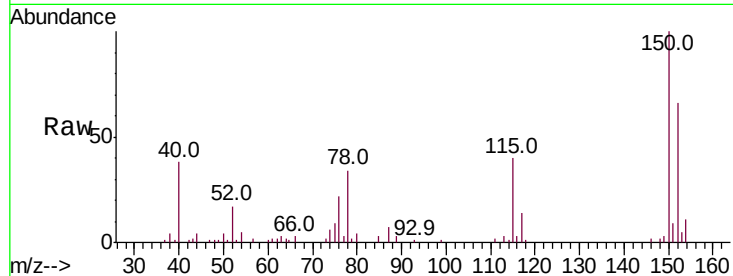
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.62 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

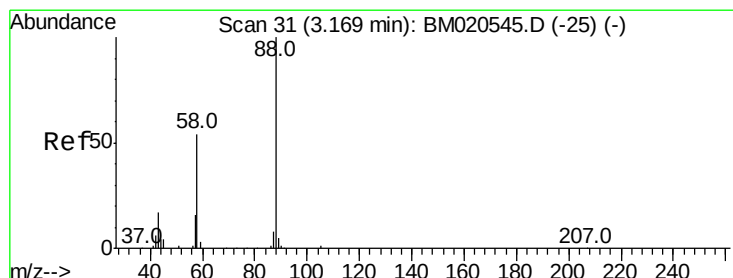
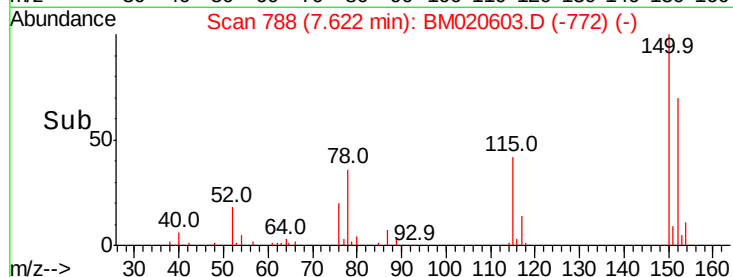
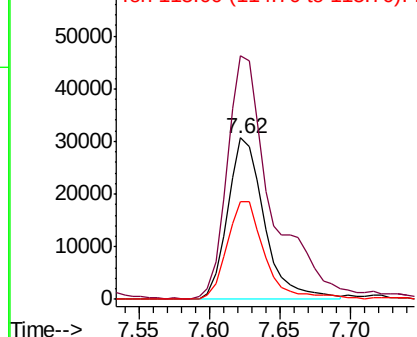
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.2 | 126.6 | 190.0 |
| 115     | 60.6  | 46.6  | 70.0  |

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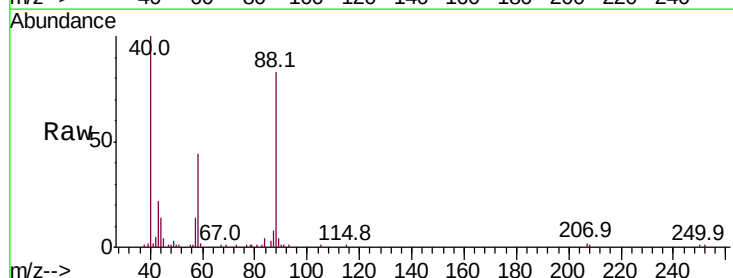
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



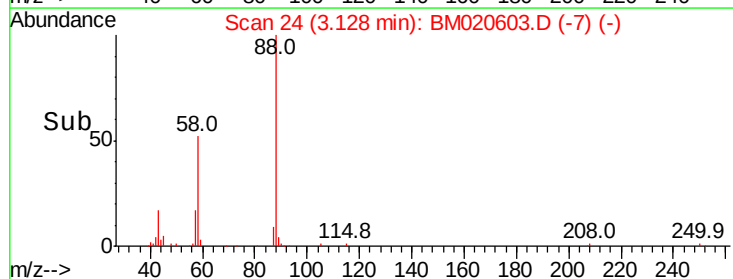
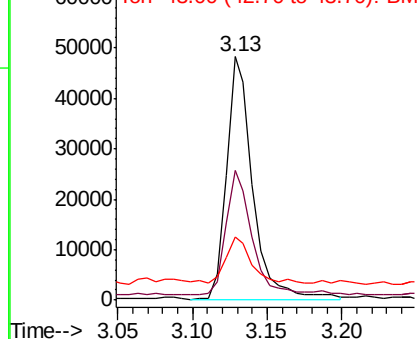
#2

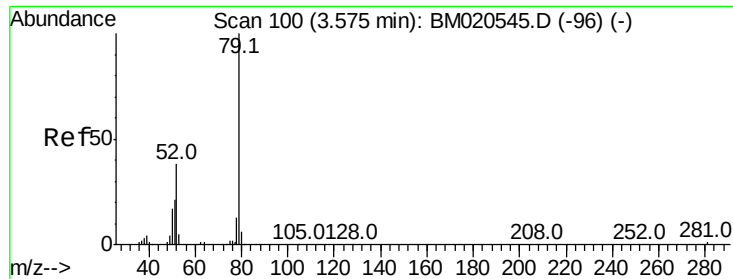
1,4-Dioxane  
Concen: 40.694 ng  
RT: 3.13 min Scan# 24  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 50.2  | 42.3  | 63.5  |
| 43      | 18.0  | 16.0  | 24.0  |



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: 33.309 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM020603.D

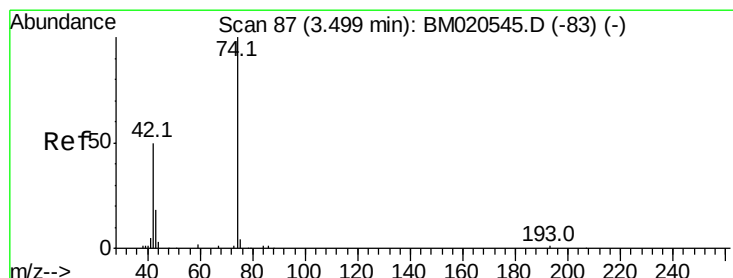
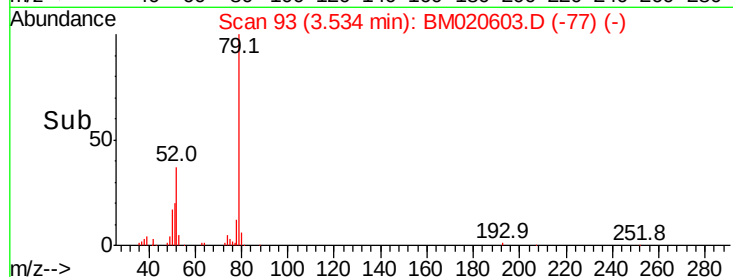
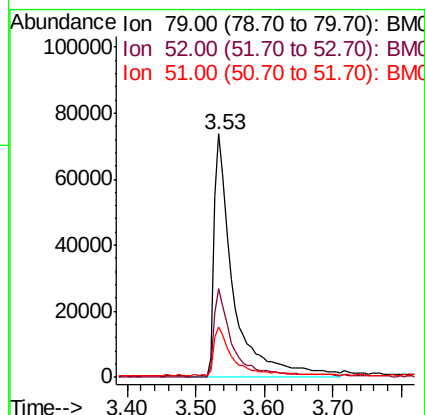
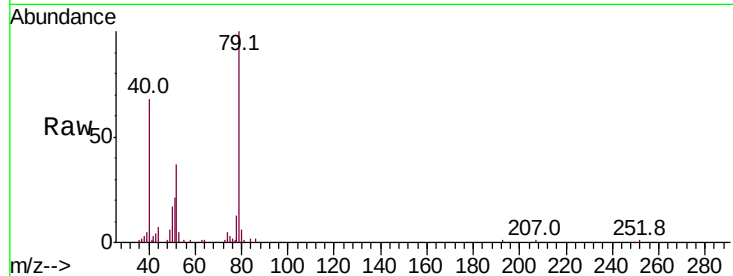
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 36.7  | 30.1  | 45.1  |
| 51      | 20.6  | 17.8  | 26.8  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 36.249 ng

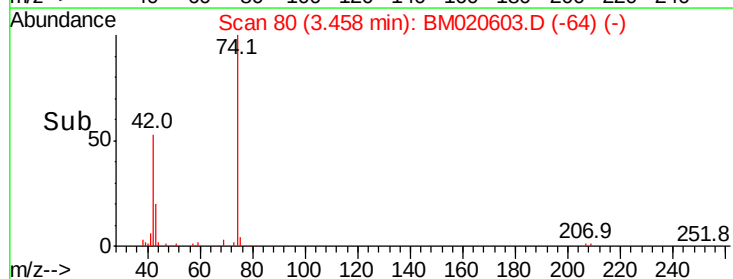
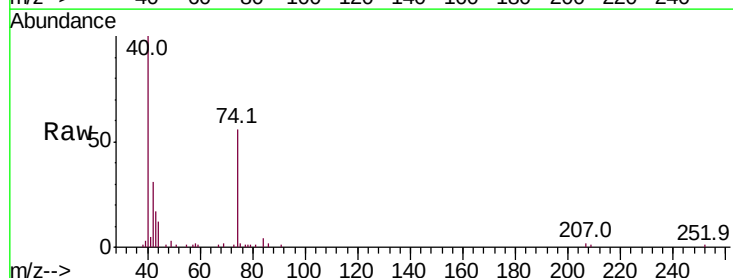
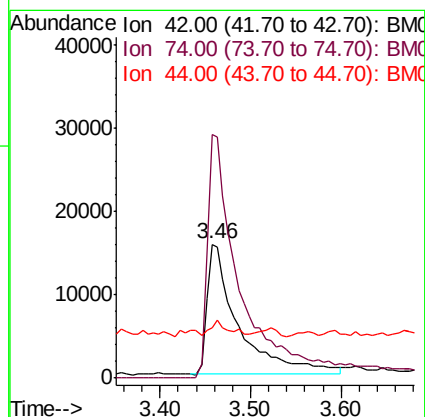
RT: 3.46 min Scan# 80

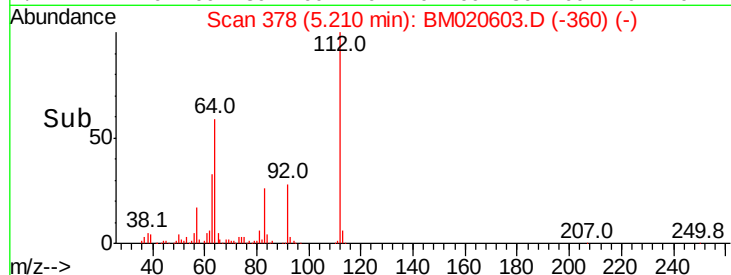
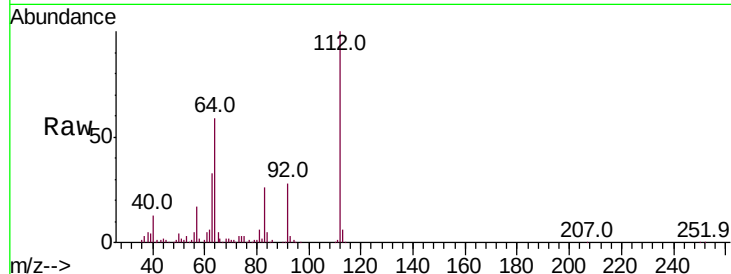
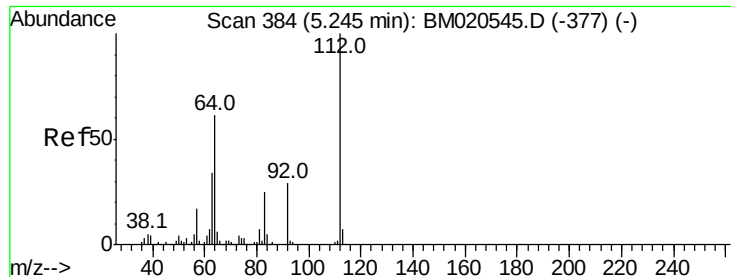
Delta R.T. -0.01 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 182.2 | 161.1 | 241.7 |
| 44      | 38.1  | 20.9  | 31.3  |





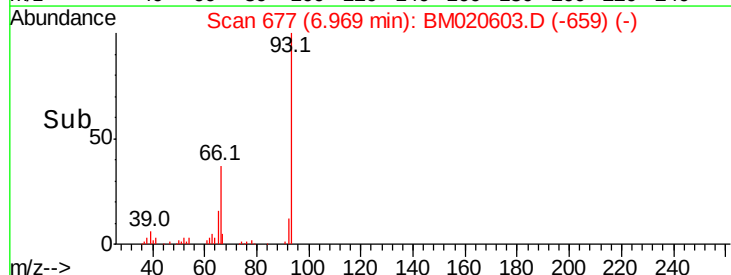
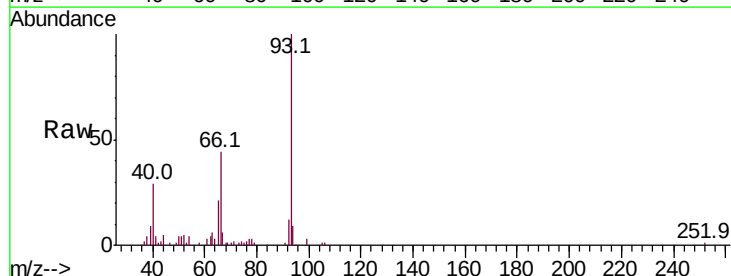
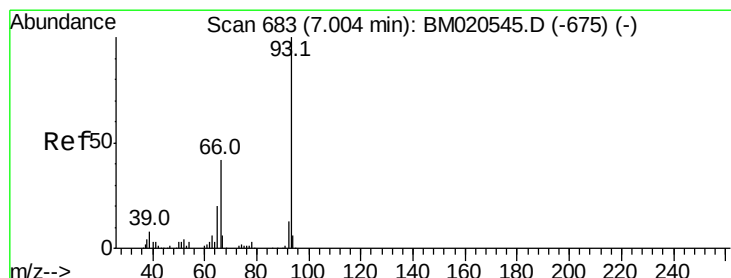
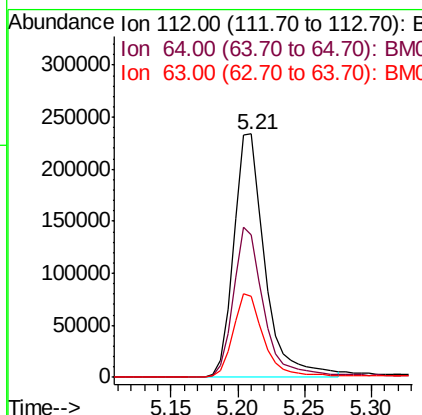
#5  
2-Fluorophenol  
Concen: 134.524 ng  
RT: 5.21 min Scan# 378  
Delta R.T. 0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 381531 |       |       |
| 64      | 58.8  | 48.6   | 73.0  |       |
| 63      | 33.2  | 27.4   | 41.0  |       |

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

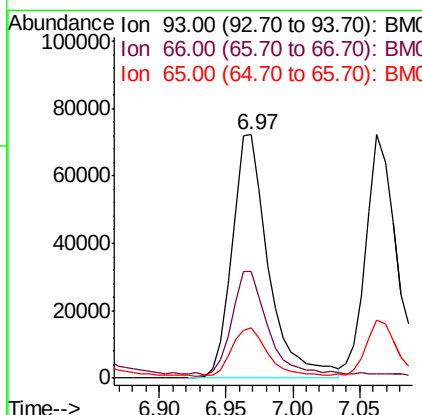
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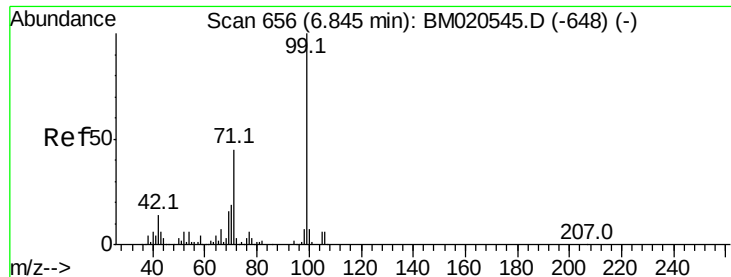
mohammad  
5/30/2019 8:16:19 AM



#6  
Aniline  
Concen: 22.221 ng  
RT: 6.97 min Scan# 677  
Delta R.T. 0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 137598 |       |       |
| 66      | 43.9  | 34.5   | 51.7  |       |
| 65      | 20.6  | 16.2   | 24.2  |       |





#7

Phenol-d6

Concen: 113.514 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

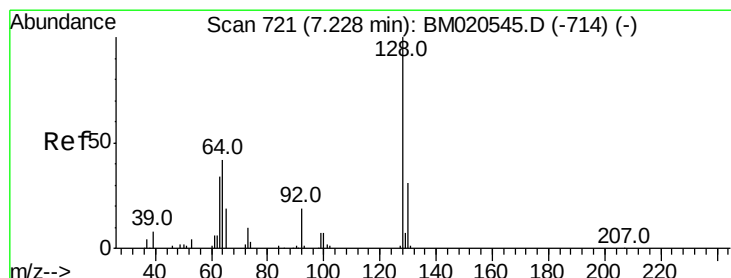
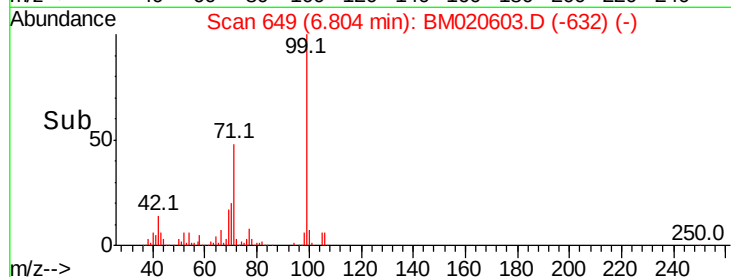
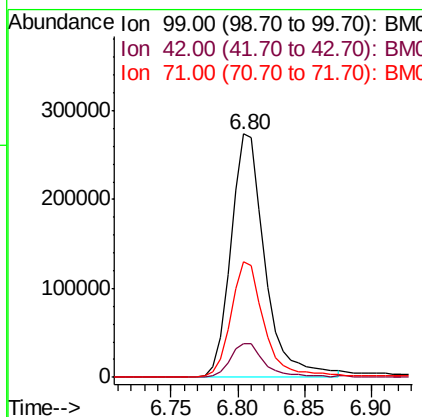
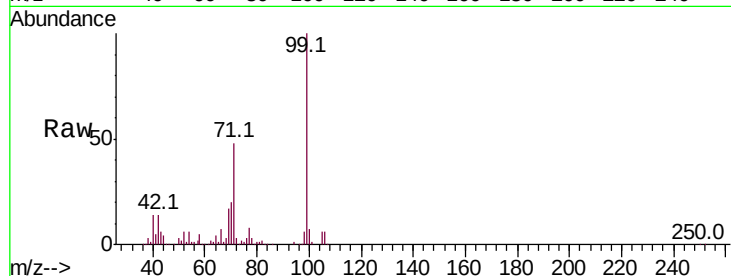
ClientSampleId :

PB120010BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 485921 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.9  | 10.8  | 16.2   |
| 71        | 47.7  | 36.3  | 54.5   |

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#8

2-Chlorophenol

Concen: 36.591 ng

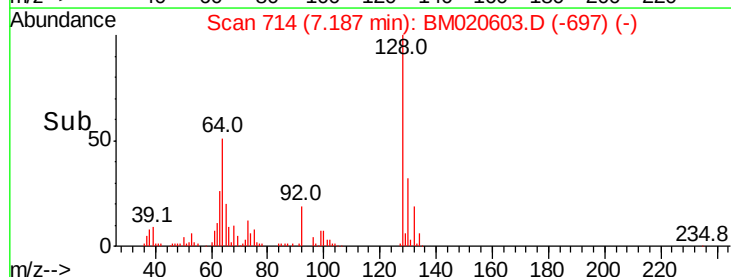
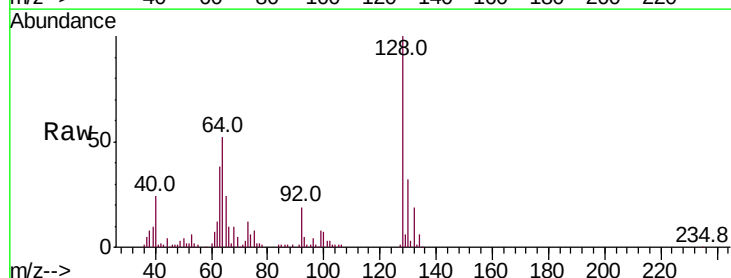
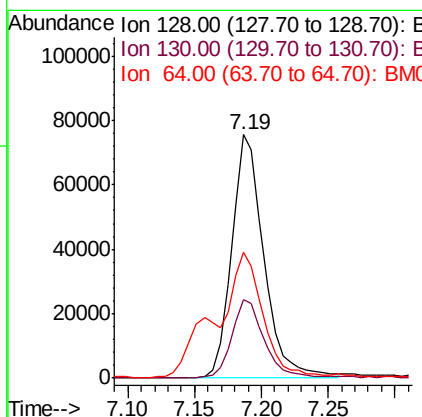
RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

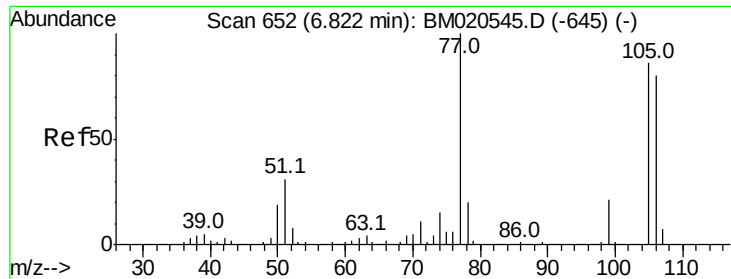
Lab File: BM020603.D

Acq: 29 May 2019 17:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 126900 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.4  | 11.2  | 51.2   |
| 64        | 51.7  | 31.1  | 71.1   |







#9

Benzaldehyde

Concen: 52.493 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

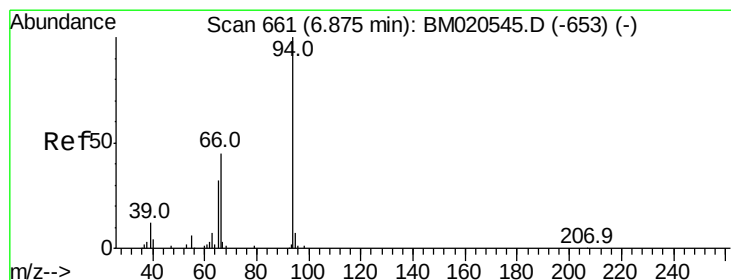
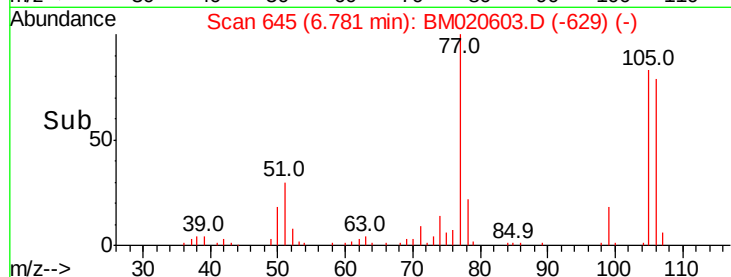
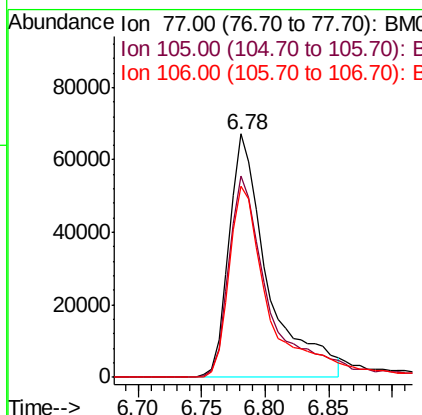
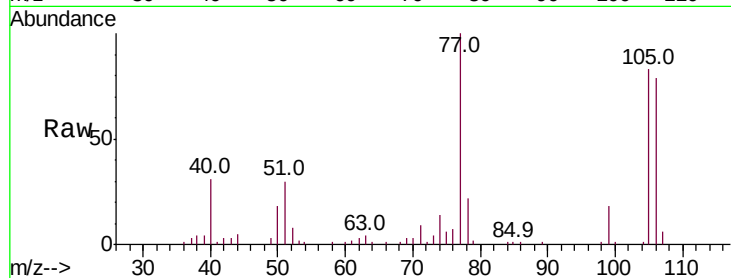
ClientSampleId :

PB120010BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 143457 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 82.8  | 66.1  | 106.1  |
| 106       | 78.8  | 60.0  | 100.0  |

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#10

Phenol

Concen: 35.727 ng

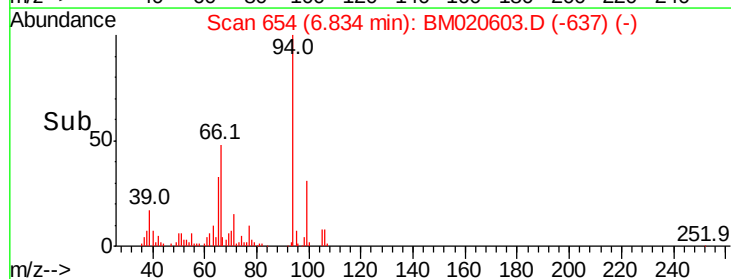
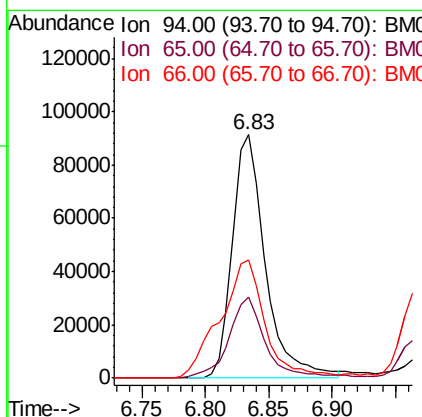
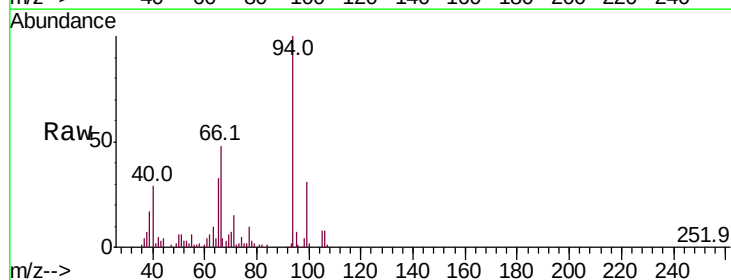
RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

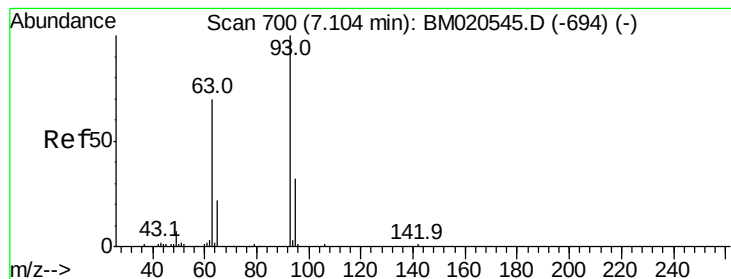
Lab File: BM020603.D

Acq: 29 May 2019 17:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 165149 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.2  | 12.4  | 52.4   |
| 66        | 48.5  | 27.4  | 67.4   |







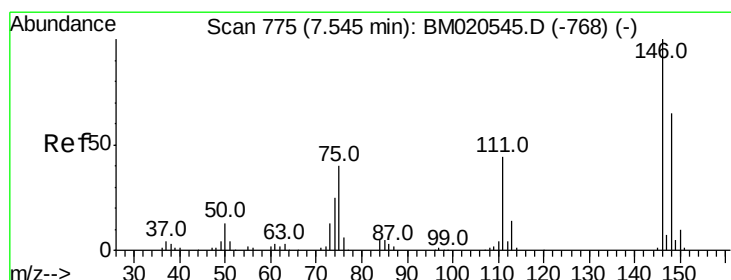
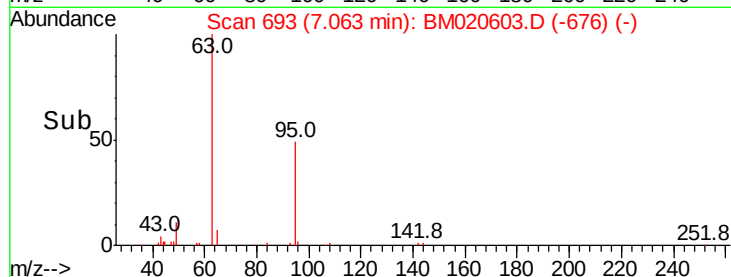
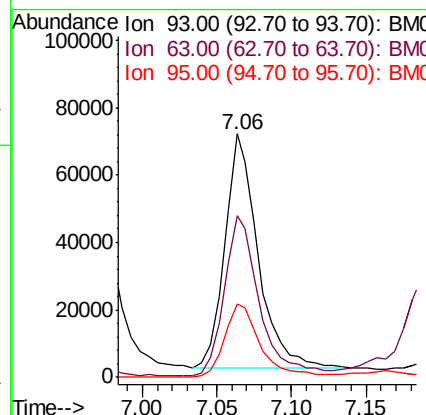
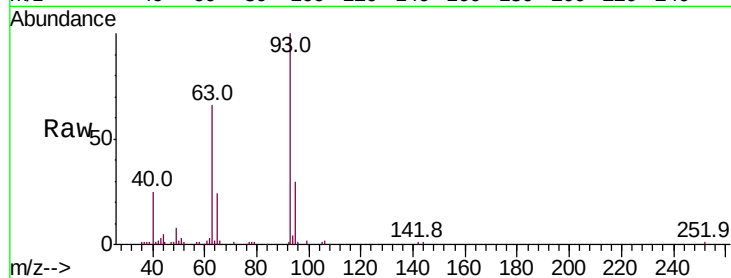
#11  
bis(2-Chloroethyl)ether  
Concen: 31.039 ng  
RT: 7.06 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 66.2  | 47.6  | 87.6  |
| 95      | 30.1  | 10.9  | 50.9  |

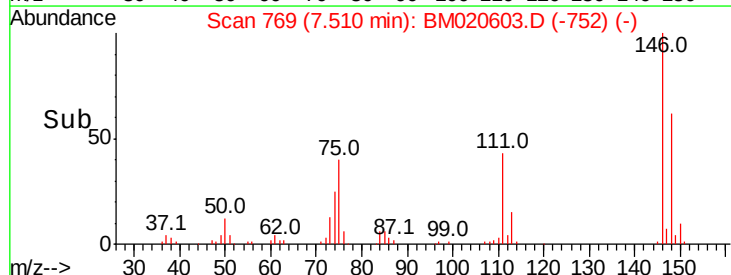
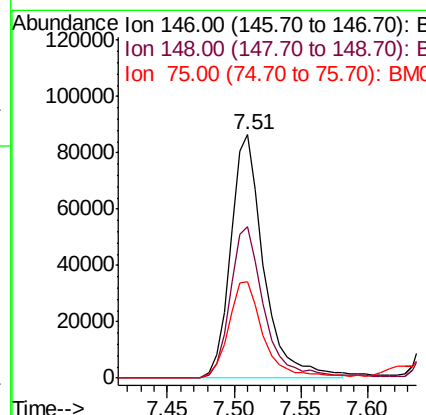
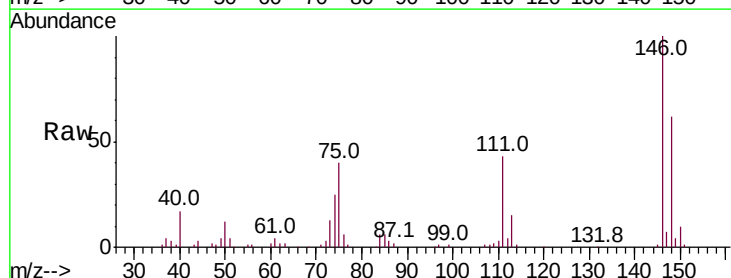
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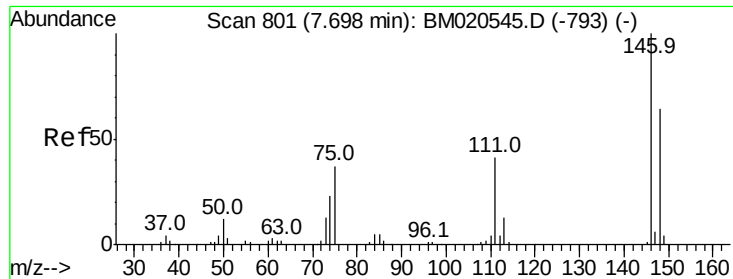
mohammad  
5/30/2019 8:16:19 AM



#12  
1,3-Dichlorobenzene  
Concen: 33.774 ng  
RT: 7.51 min Scan# 769  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.0  | 51.9  | 77.9  |
| 75      | 39.6  | 31.6  | 47.4  |





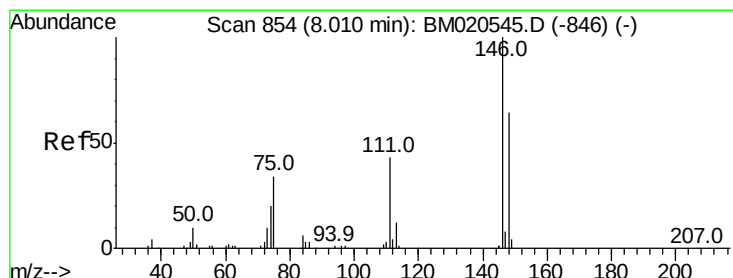
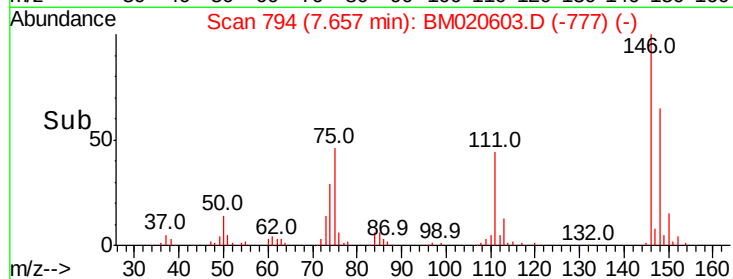
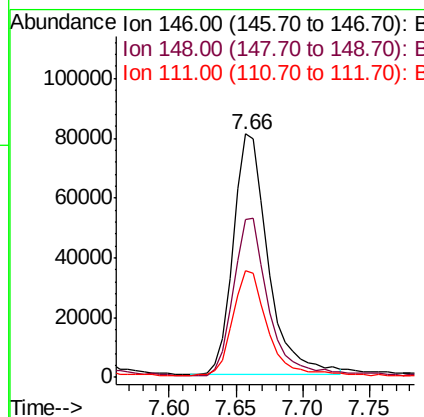
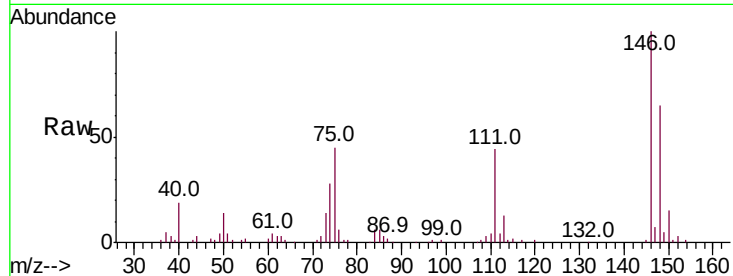
#13  
 1,4-Dichlorobenzene  
 Concen: 33.198 ng  
 RT: 7.66 min Scan# 794  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.1  | 76.7  |
| 111     | 43.6  | 33.5  | 50.3  |

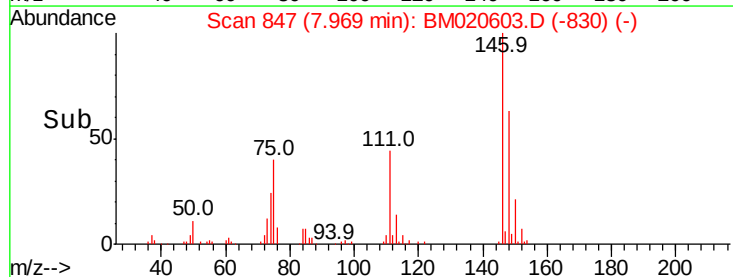
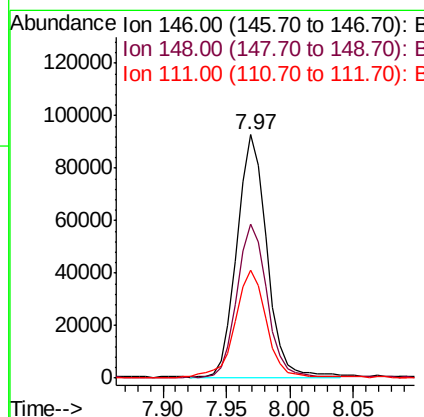
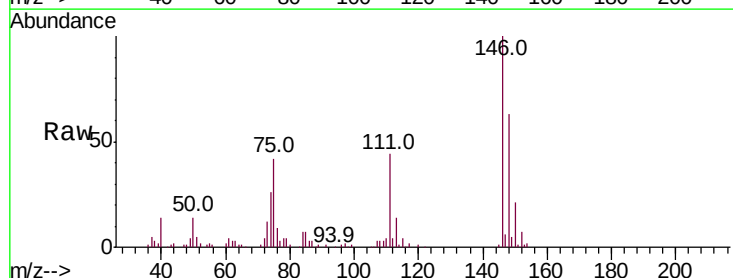
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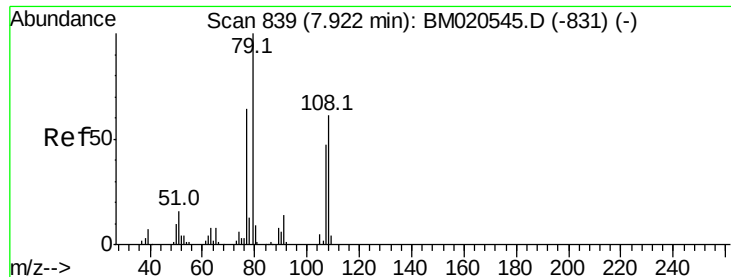
mohammad  
 5/30/2019 8:16:19 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 33.739 ng  
 RT: 7.97 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.2  | 76.8  |
| 111     | 44.1  | 35.2  | 52.8  |





#15

Benzyl Alcohol

Concen: 29.168 ng/ml

RT: 7.88 min Scan# 832

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

ClientSampleId :

PB120010BS

Tot Ion: 79 Resp: 115539

Ion Ratio Lower Upper

79 100

108 62.8 48.5 72.7

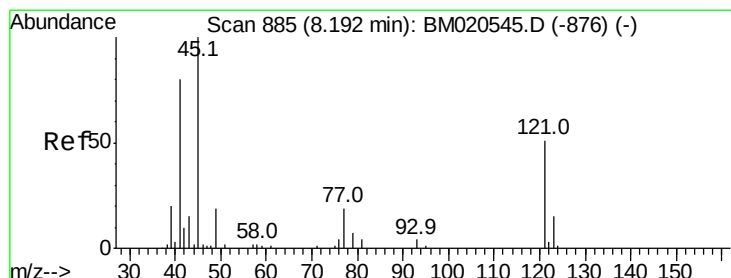
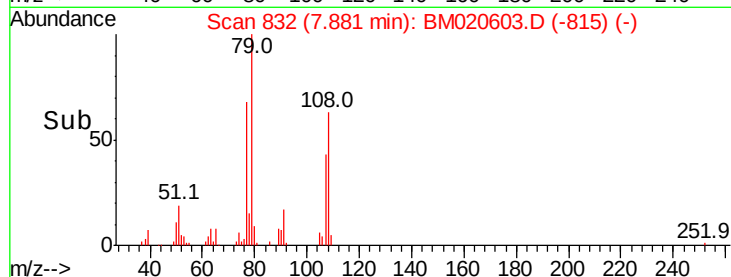
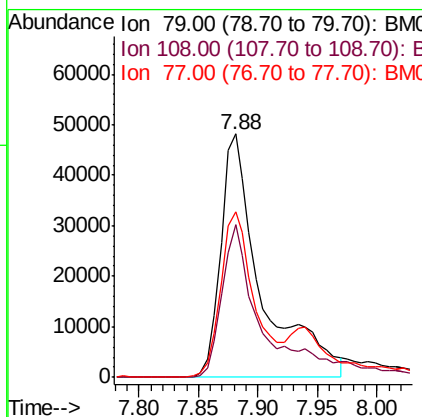
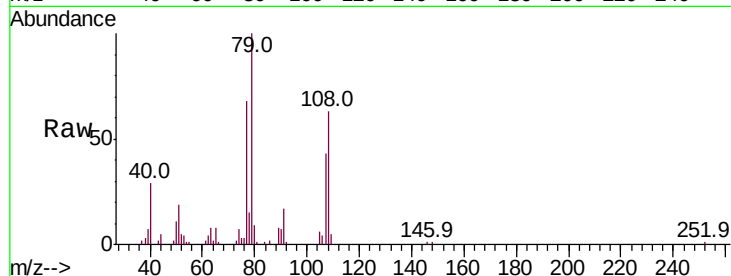
77 68.1 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.879 ng/ml

RT: 8.15 min Scan# 878

Delta R.T. 0.01 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

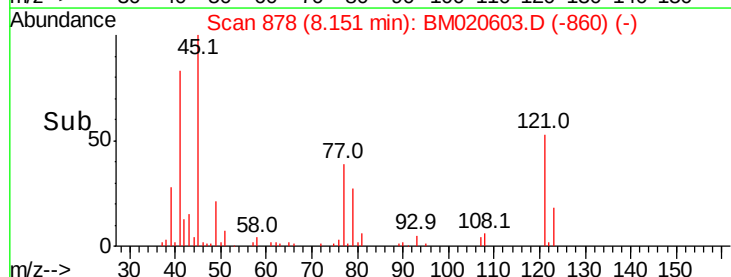
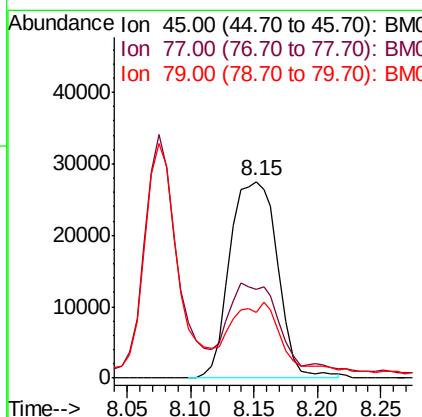
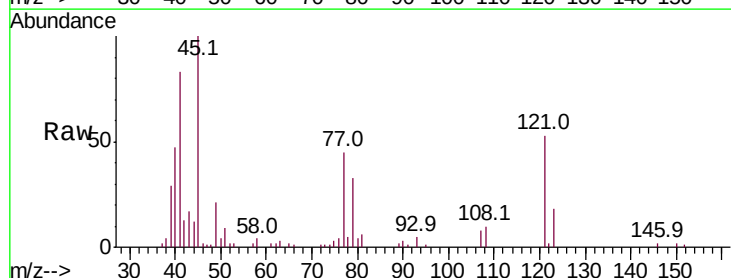
Tgt Ion: 45 Resp: 71837

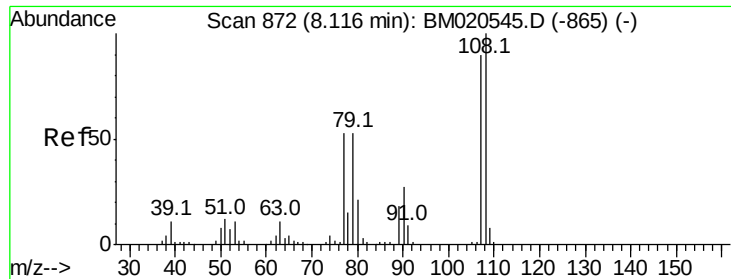
Ion Ratio Lower Upper

45 100

77 45.3 25.0 65.0

79 33.2 13.1 53.1





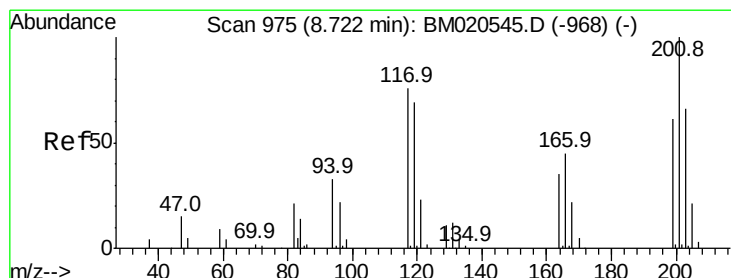
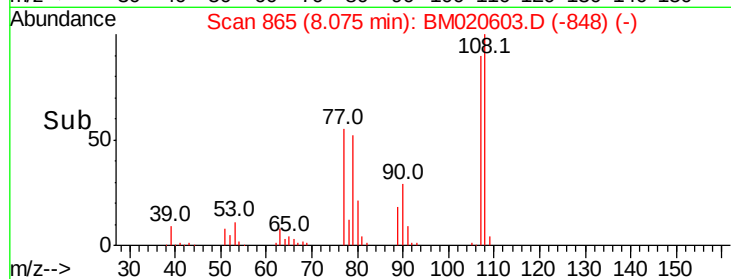
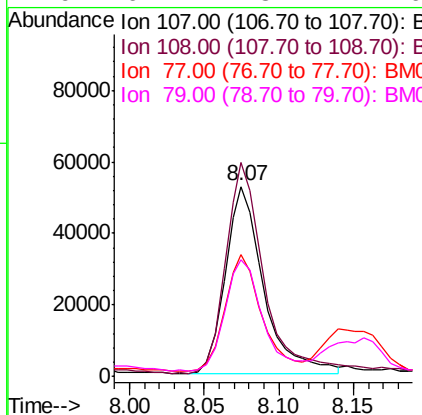
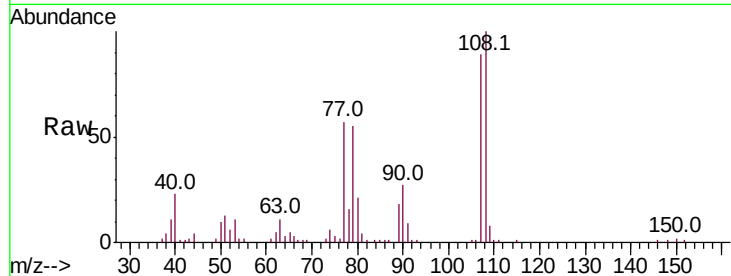
#17  
2-Methylphenol  
Concen: 30.863 ng  
RT: 8.07 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 94187 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.6 | 89.4  | 134.2 |
| 77       | 64.2  | 48.2  | 72.4  |
| 79       | 61.7  | 48.4  | 72.6  |

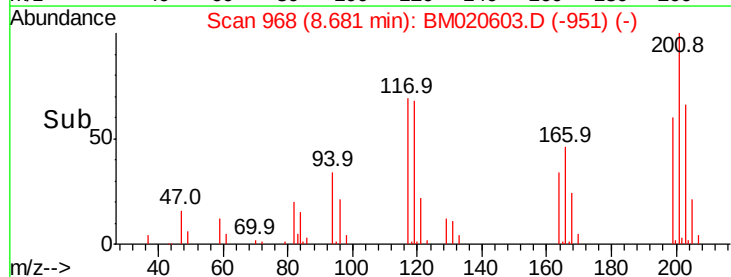
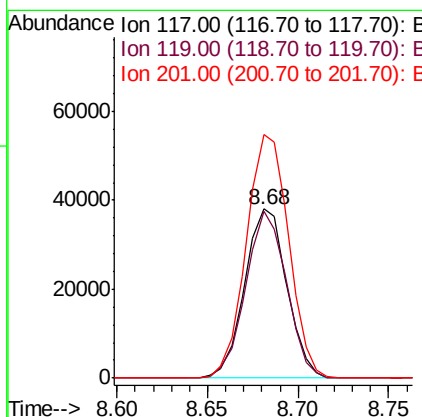
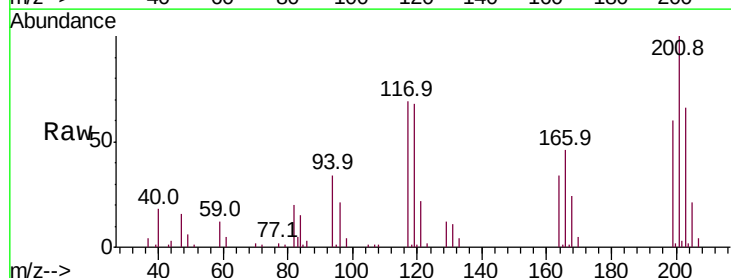
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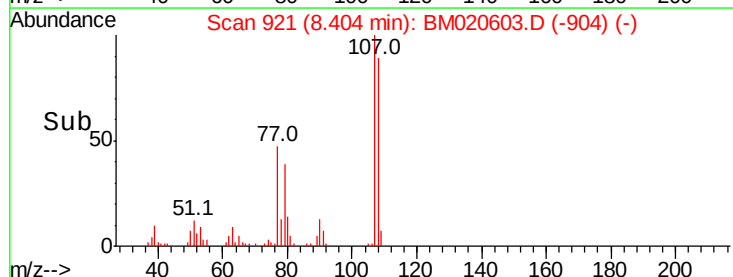
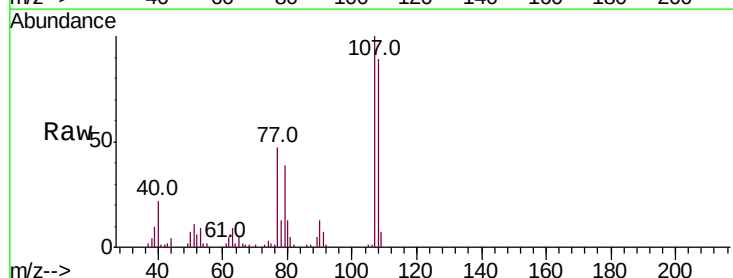
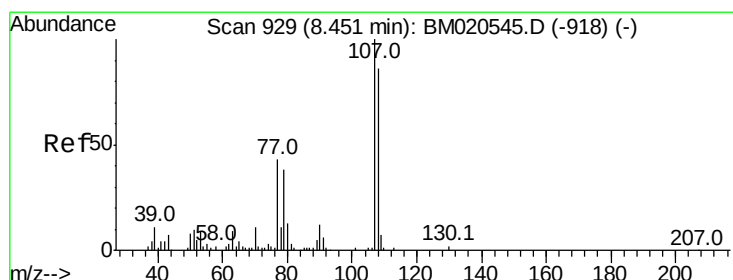
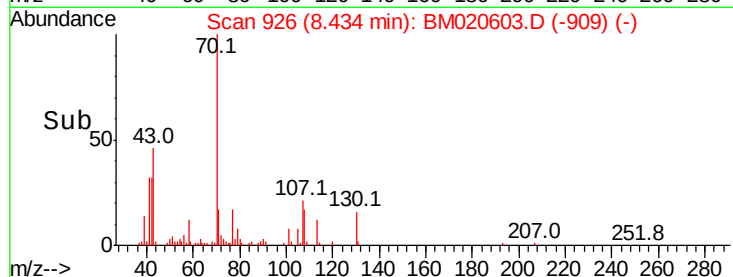
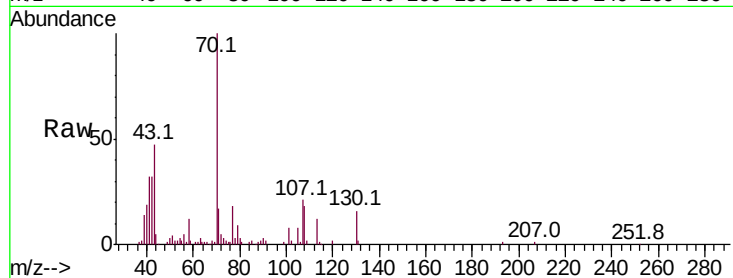
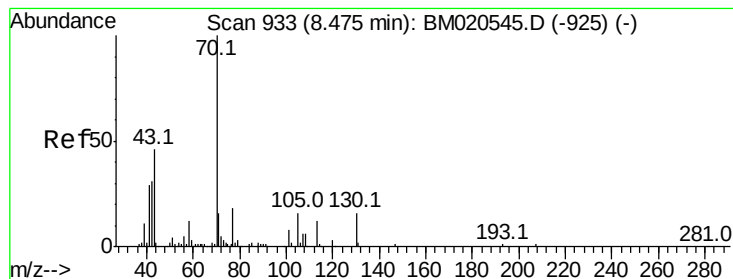
mohammad  
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#18  
Hexachloroethane  
Concen: 34.169 ng  
RT: 8.68 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 61447 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.4  | 73.2  | 109.8 |
| 201      | 144.1 | 105.8 | 158.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 28.905 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 32.0 | 24.7  | 37.1  |       |
| 101     | 8.4  | 6.8   | 10.2  |       |
| 130     | 16.4 | 13.1  | 19.7  |       |

Instrument :

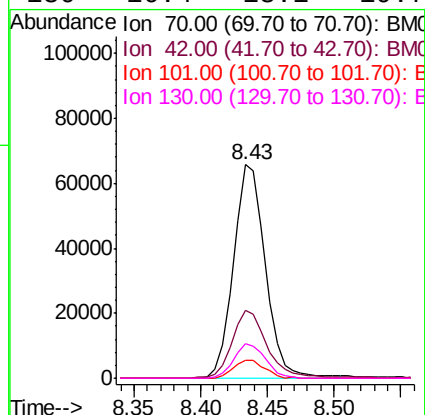
BNA\_M

ClientSampleId :

PB120010BS

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#20

3+4-Methylphenols

Concen: 30.276 ng

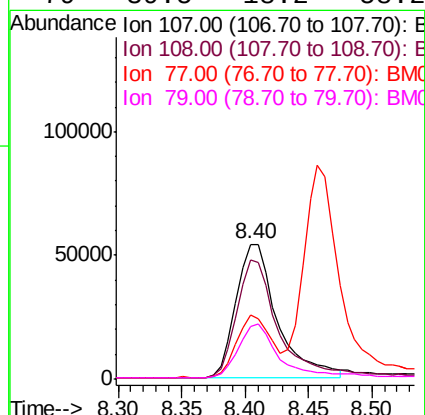
RT: 8.40 min Scan# 921

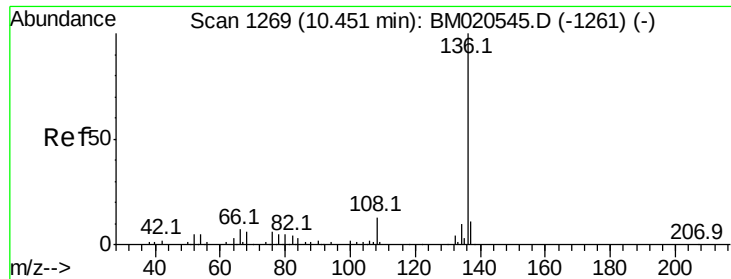
Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.7 | 66.5  | 106.5 |       |
| 77      | 47.4 | 23.0  | 63.0  |       |
| 79      | 39.5 | 18.2  | 58.2  |       |





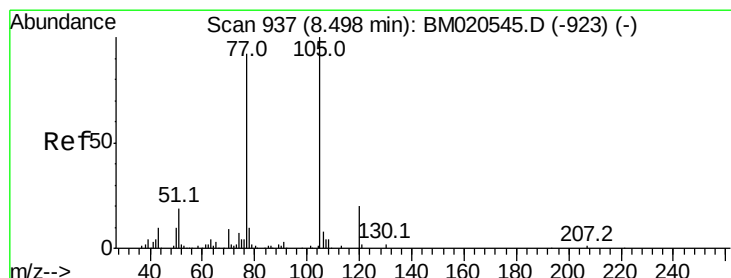
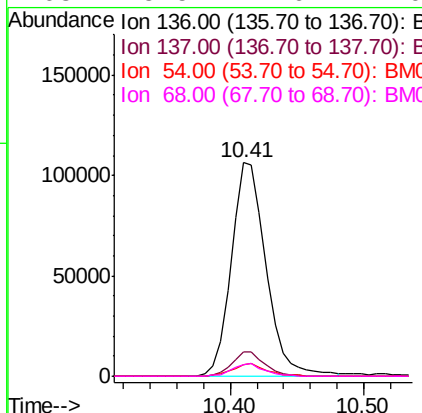
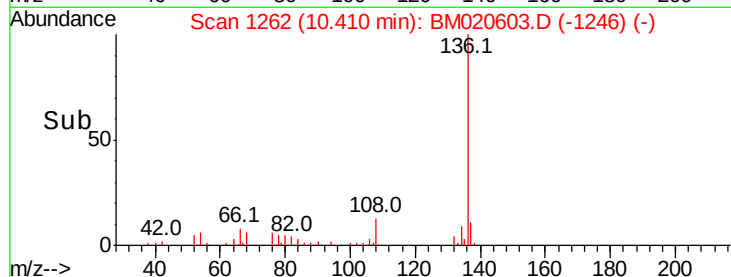
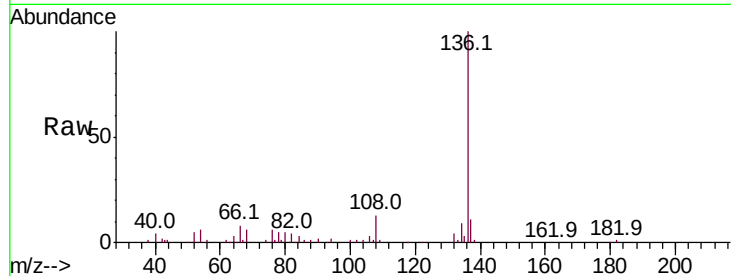
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.41 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 192617 |       |       |
| 137     | 11.5  | 8.4    | 12.6  |       |
| 54      | 5.7   | 4.2    | 6.4   |       |
| 68      | 5.5   | 4.6    | 7.0   |       |

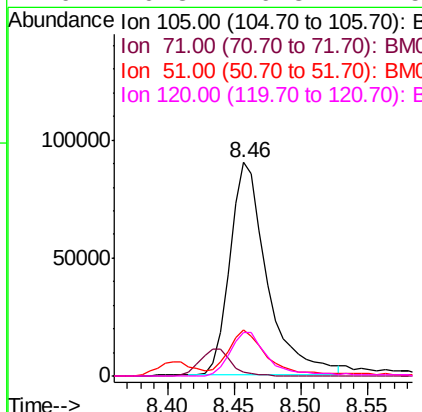
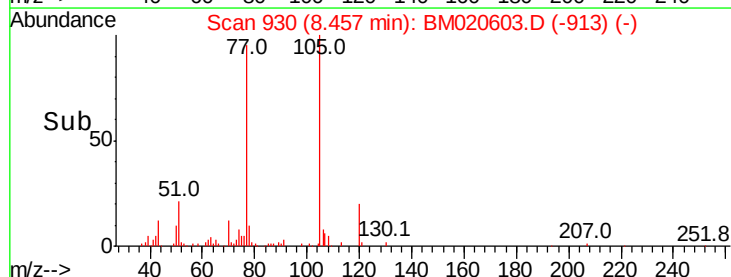
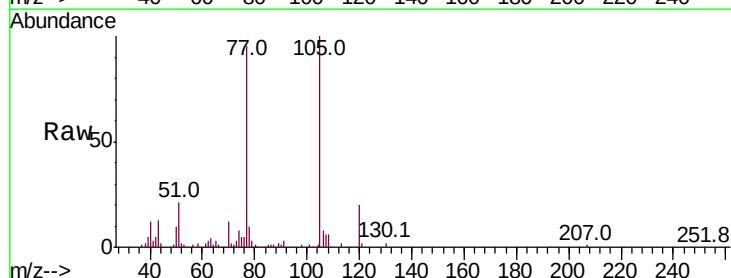
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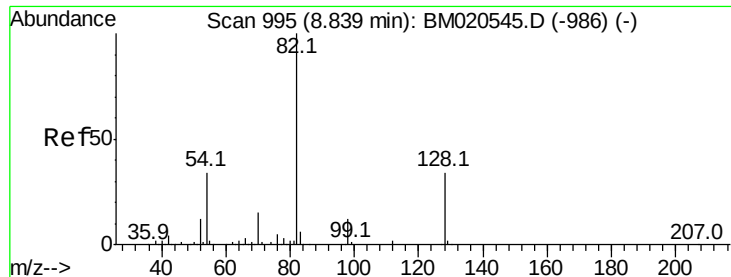
mohammad  
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#22  
Acetophenone  
Concen: 33.144 ng  
RT: 8.46 min Scan# 930  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 175797 |       |       |
| 71      | 1.9   | 1.3    | 1.9#  |       |
| 51      | 21.3  | 15.7   | 23.5  |       |
| 120     | 20.3  | 16.3   | 24.5  |       |





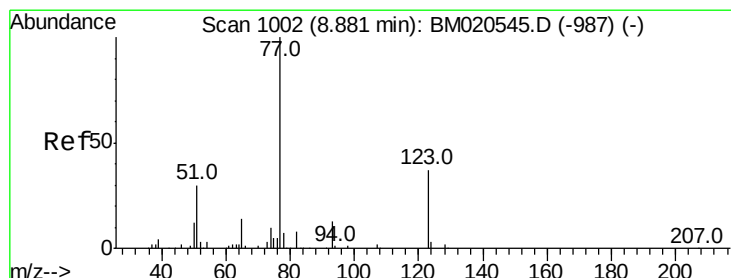
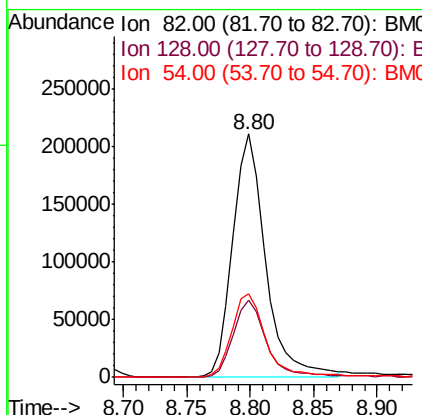
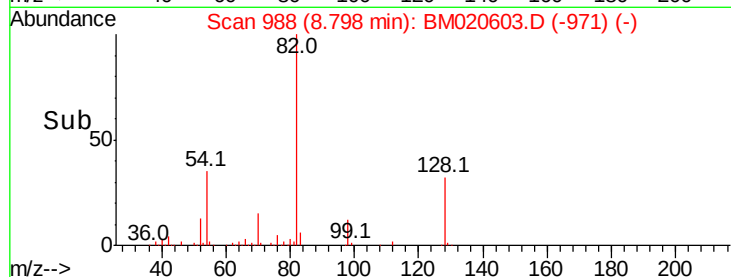
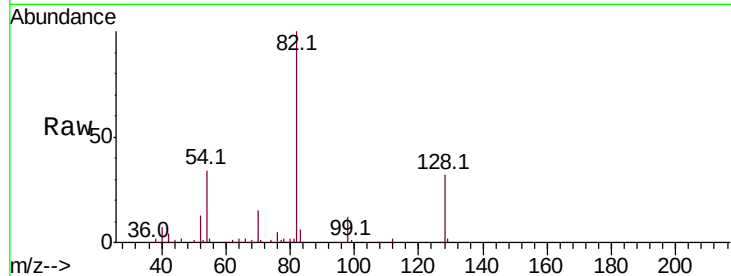
#23  
 Nitrobenzene-d5  
 Concen: 82.960 ng  
 RT: 8.80 min Scan# 988  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB120010BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 31.8  | 27.0 | 40.4  |       |
| 54      | 34.5  | 27.4 | 41.2  |       |

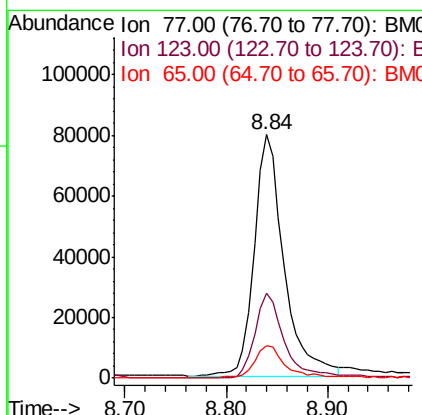
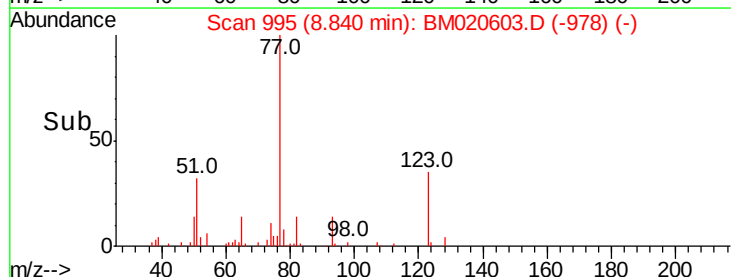
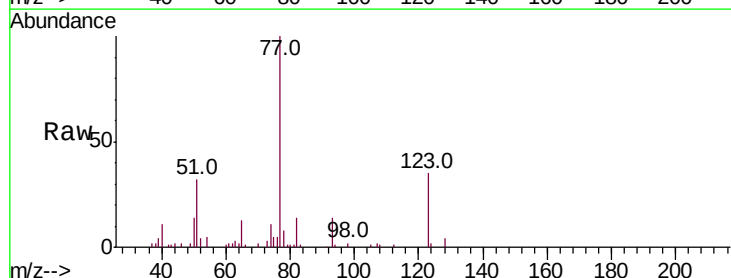
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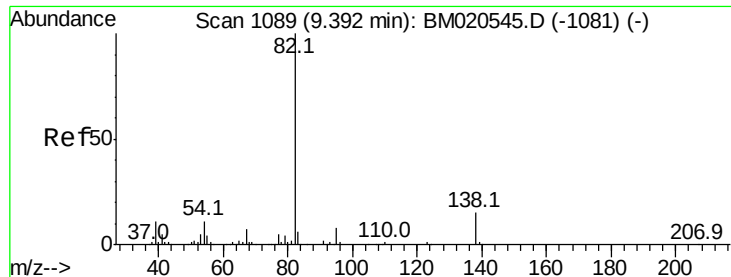


#24  
 Nitrobenzene  
 Concen: 35.691 ng  
 RT: 8.84 min Scan# 995  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 34.6  | 29.4 | 44.2  |       |
| 65      | 13.3  | 10.8 | 16.2  |       |







#25

Isophorone

Concen: 34.343 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

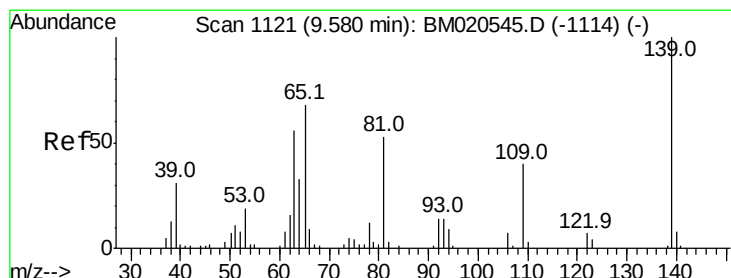
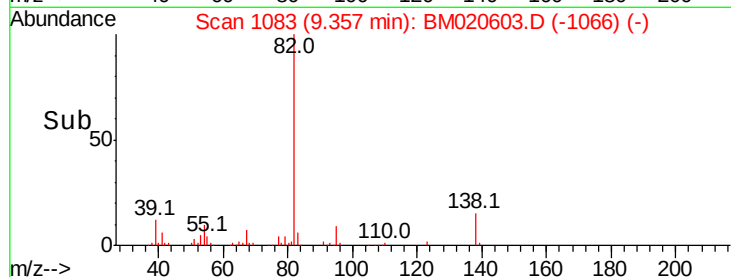
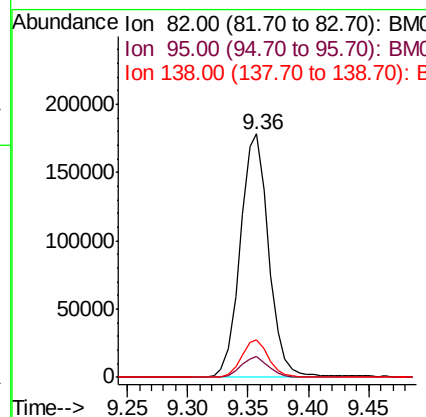
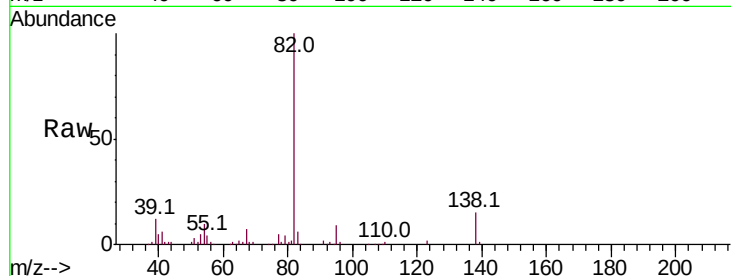
ClientSampleId :

PB120010BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 293258 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.8   | 6.7   | 10.1   |
| 138       | 15.2  | 12.0  | 18.0   |

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#26

2-Nitrophenol

Concen: 33.196 ng

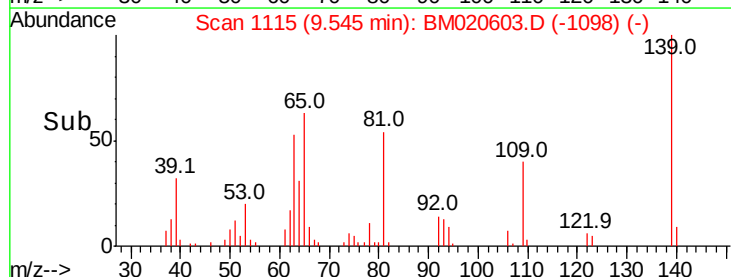
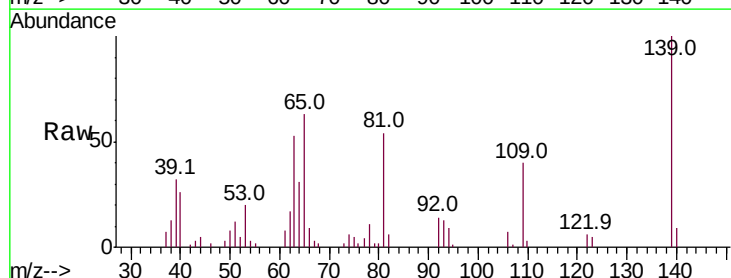
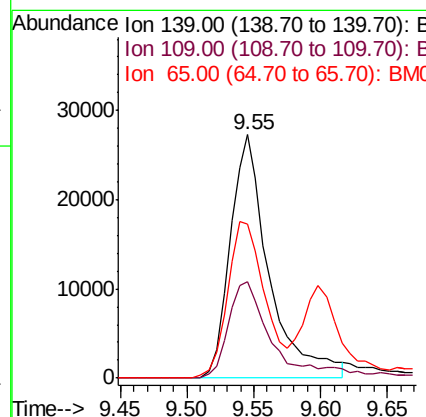
RT: 9.55 min Scan# 1115

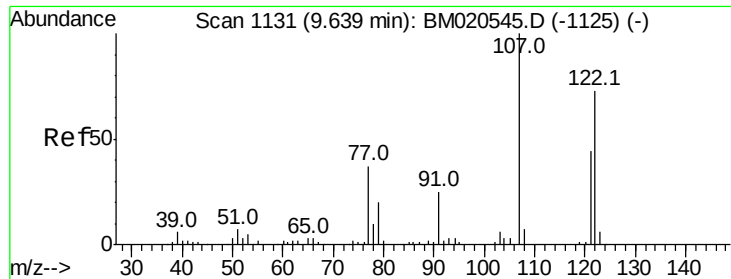
Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 55513 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 39.7  | 32.3  | 48.5  |
| 65        | 63.1  | 54.4  | 81.6  |





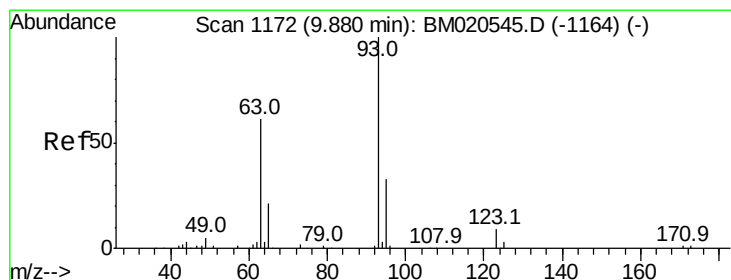
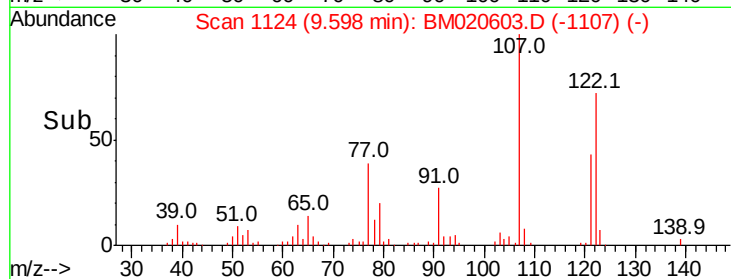
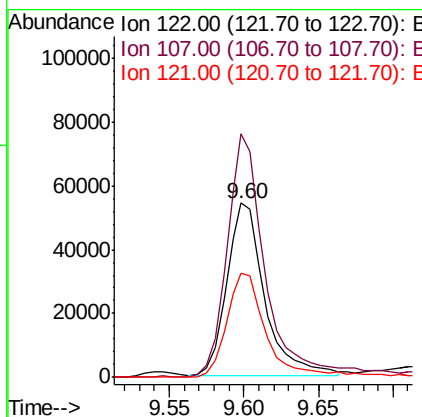
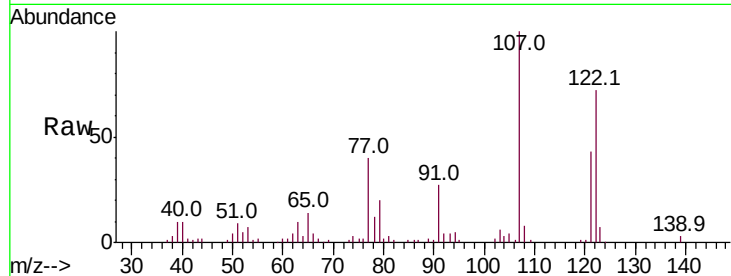
#27  
 2,4-Dimethylphenol  
 Concen: 38.346 ng  
 RT: 9.60 min Scan# 1124  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 139.7 | 108.2 | 162.2 |
| 121     | 59.7  | 47.4  | 71.0  |

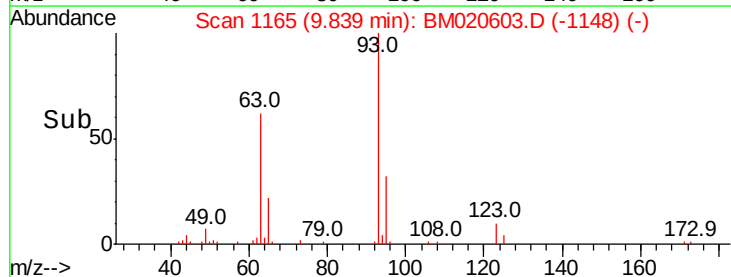
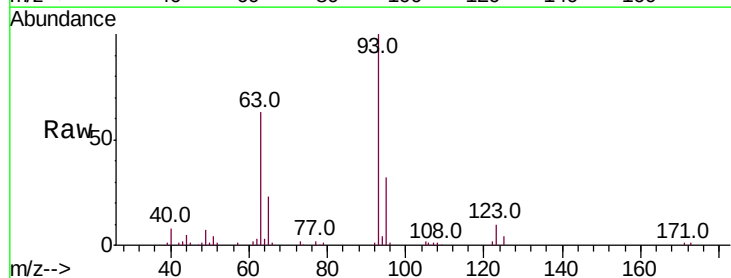
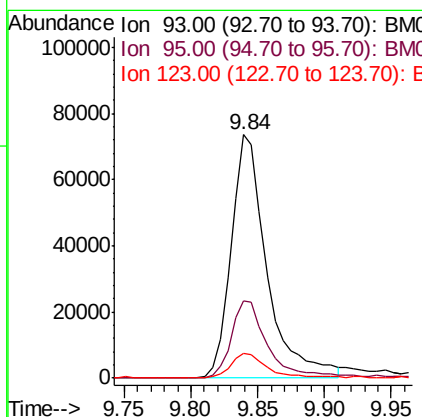
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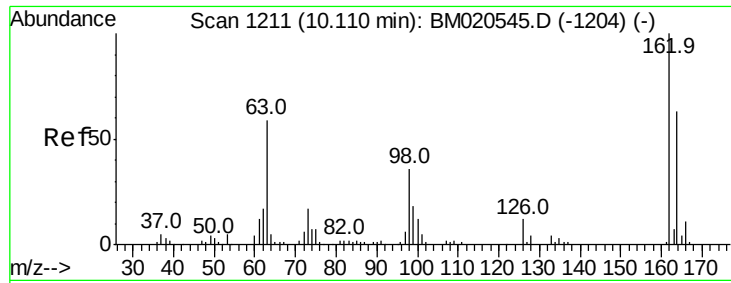
mohammad  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 30.966 ng  
 RT: 9.84 min Scan# 1165  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.6  | 26.1  | 39.1  |
| 123     | 10.3  | 8.1   | 12.1  |





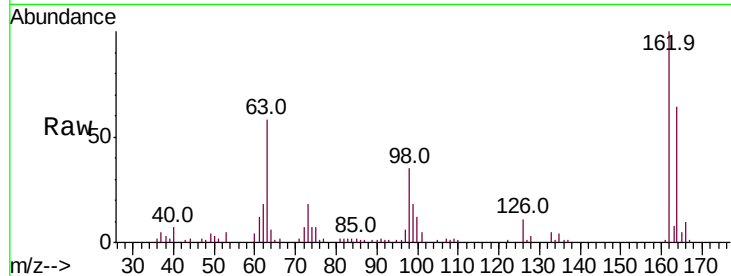
#29  
 2,4-Dichlorophenol  
 Concen: 34.861 ng  
 RT: 10.07 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

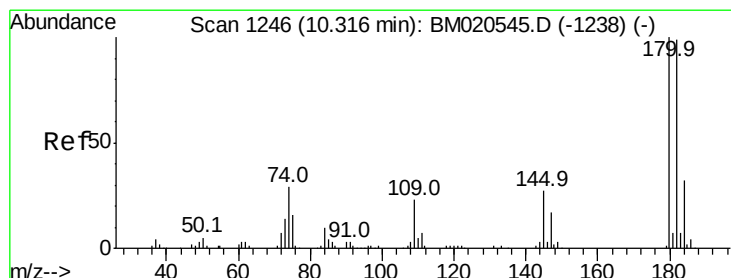
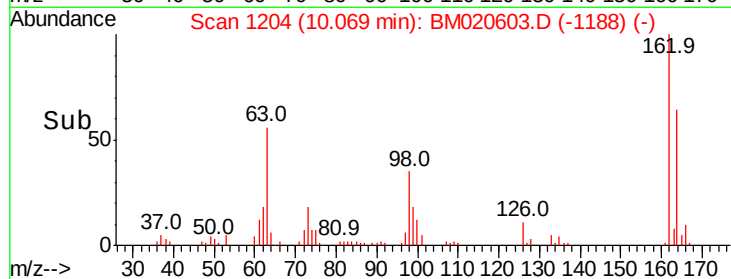
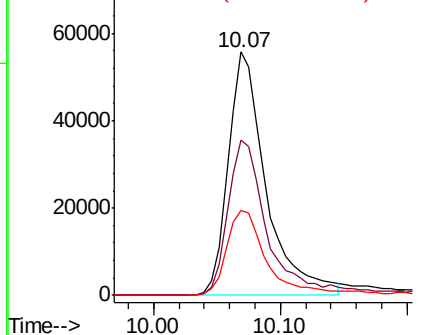
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 115504 |       |       |
| 164     | 63.6  | 43.1   | 83.1  |       |
| 98      | 34.7  | 16.2   | 56.2  |       |

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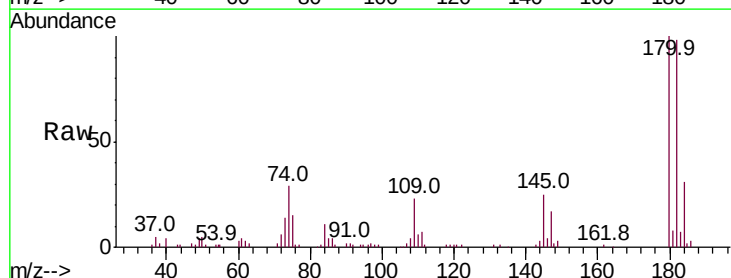


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BM

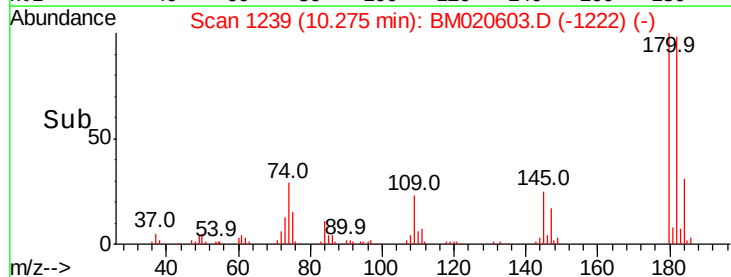
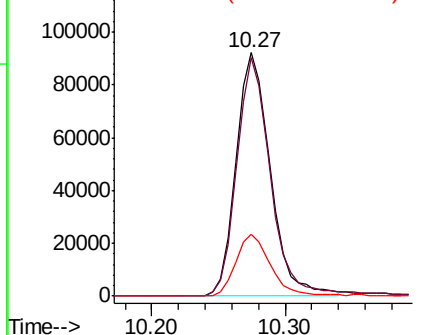


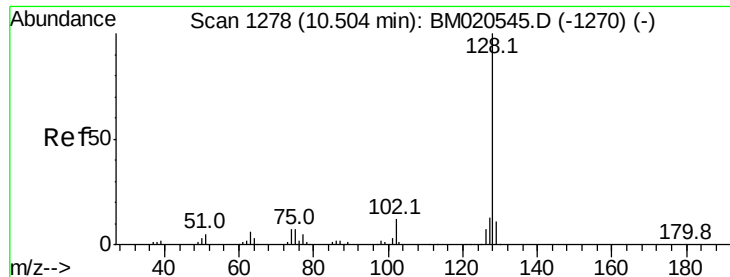
#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.271 ng  
 RT: 10.27 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 164313 |       |       |
| 182     | 98.2  | 78.8   | 118.2 |       |
| 145     | 25.4  | 21.3   | 31.9  |       |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





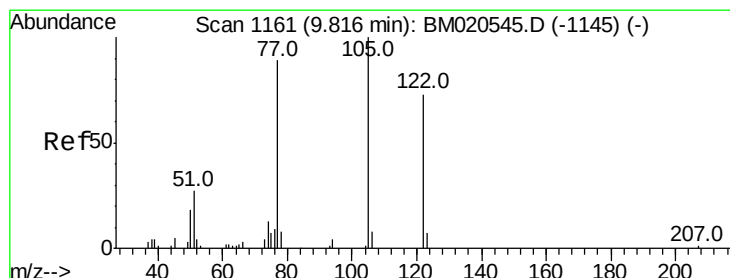
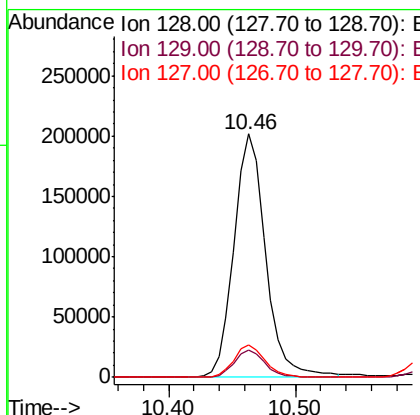
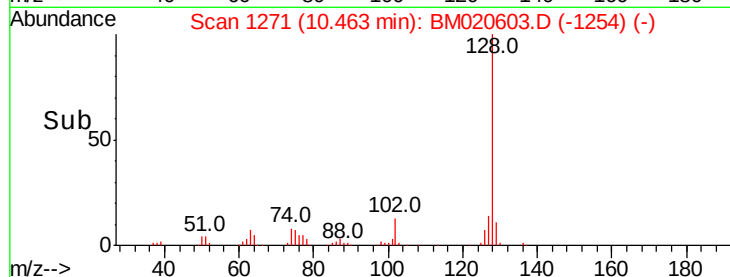
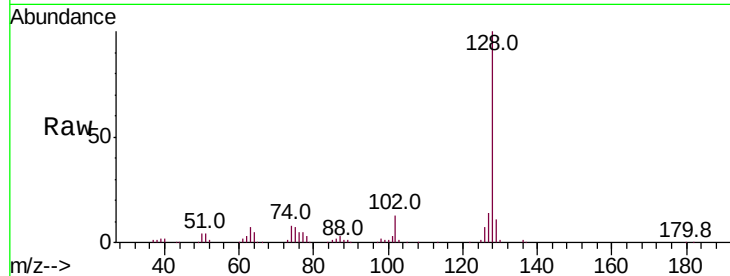
#31  
Naphthalene  
Concen: 35.136 ng  
RT: 10.46 min Scan# 1271  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampled :  
PB120010BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 349441 |       |       |
| 129     | 11.0  | 9.0    | 13.6  |       |
| 127     | 13.6  | 10.4   | 15.6  |       |

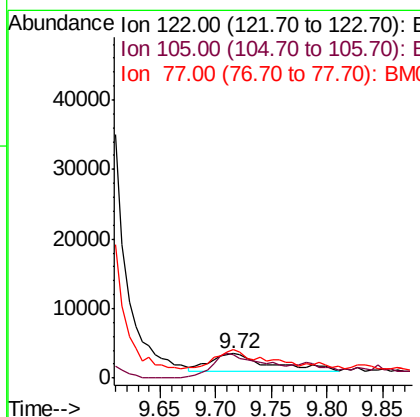
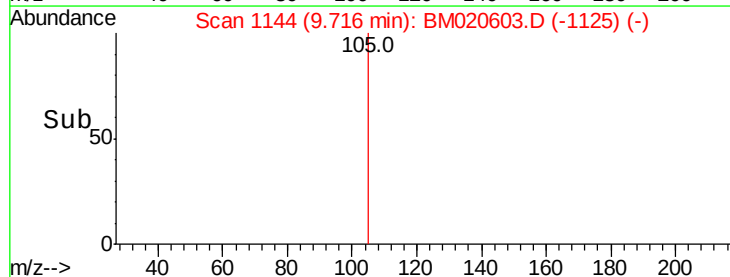
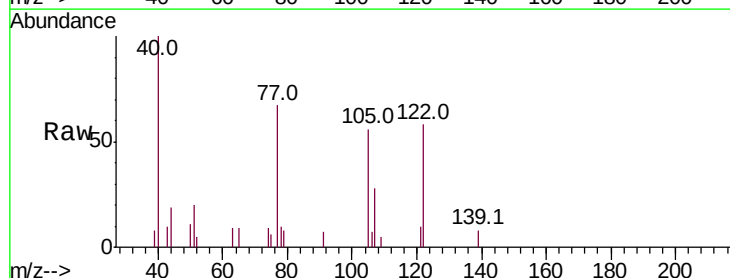
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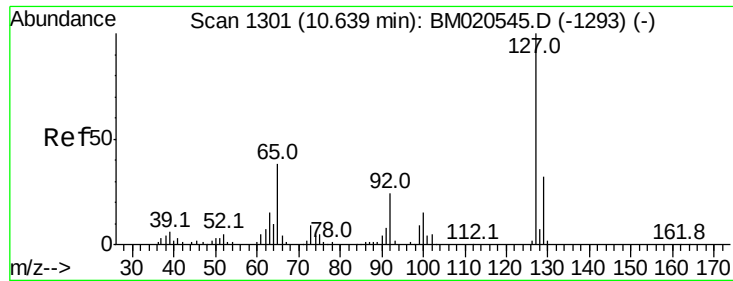
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#32  
Benzoic acid  
Concen: 14.638 ng m  
RT: 9.72 min Scan# 1144  
Delta R.T. 0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 122     | 100   | 9640  |        |       |
| 105     | 96.7  | 108.8 | 148.8# |       |
| 77      | 115.4 | 97.8  | 137.8  |       |





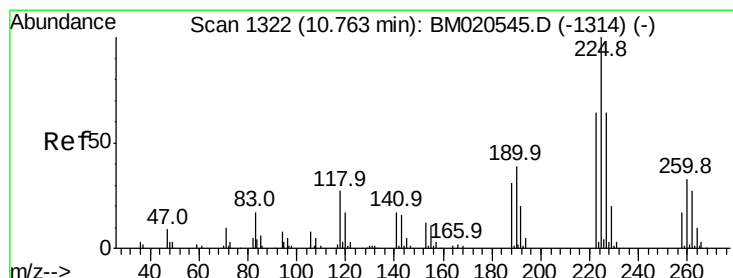
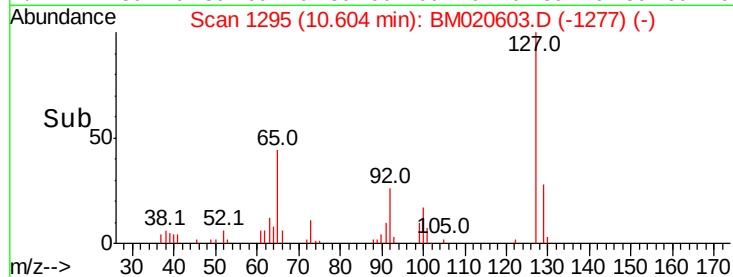
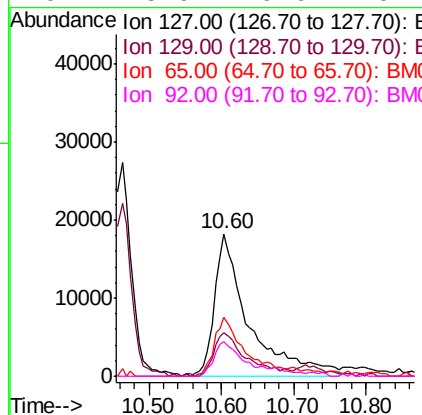
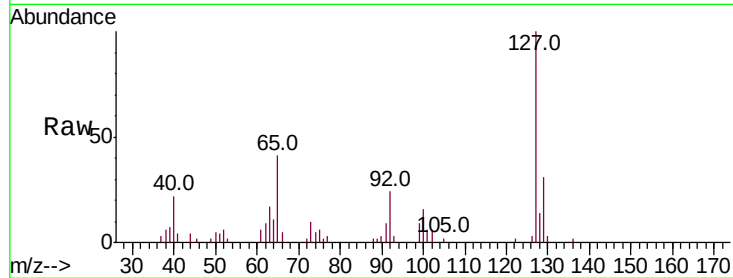
#33  
4-Chloroaniline  
Concen: 15.291 ng/mL  
RT: 10.60 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 30.7  | 25.4 | 38.2  |       |
| 65      | 41.0  | 30.6 | 45.8  |       |
| 92      | 23.9  | 19.6 | 29.4  |       |

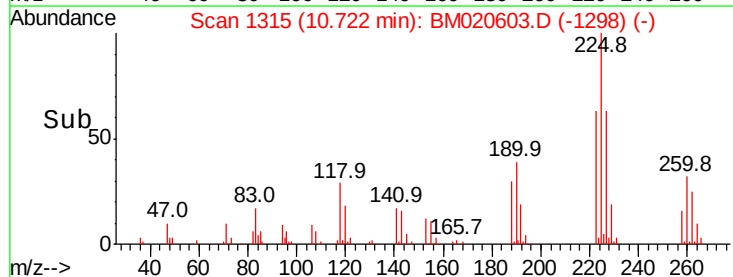
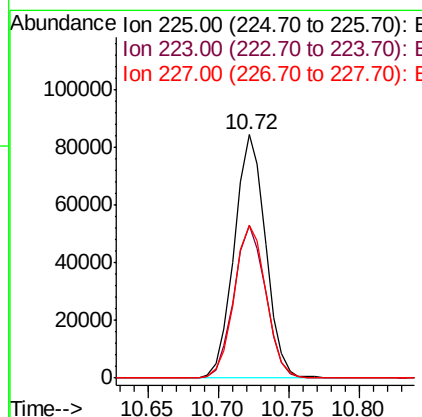
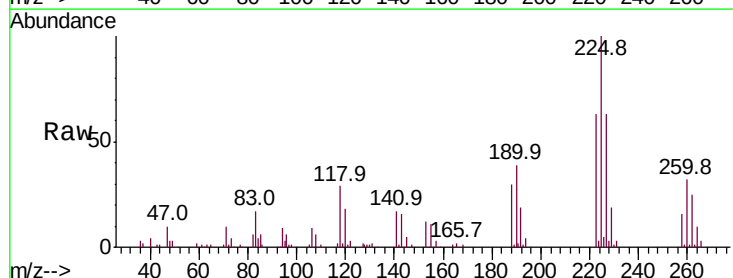
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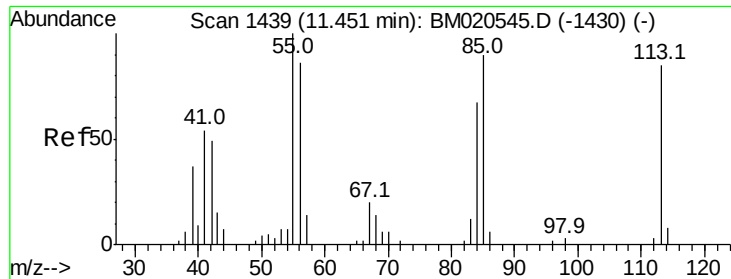
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#34  
Hexachlorobutadiene  
Concen: 38.797 ng/mL  
RT: 10.72 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.6  | 51.4 | 77.0  |       |
| 227     | 62.7  | 51.0 | 76.6  |       |





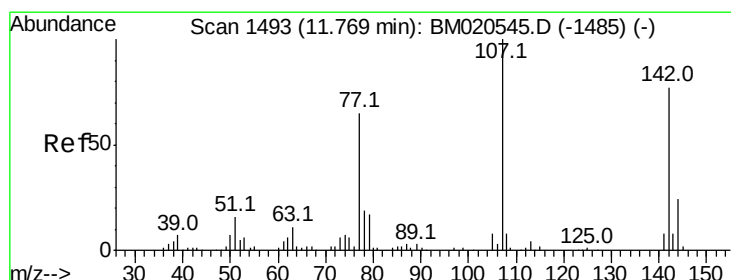
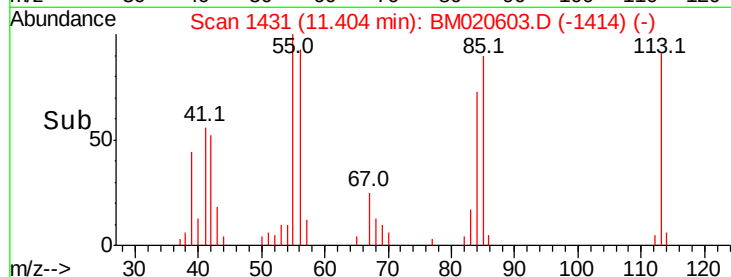
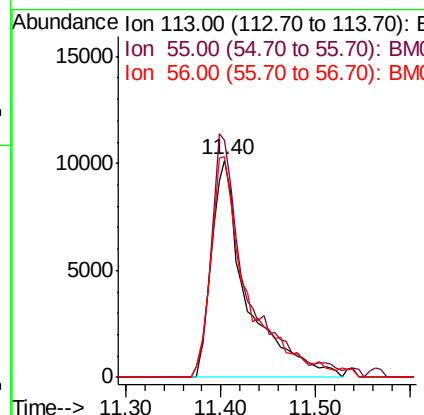
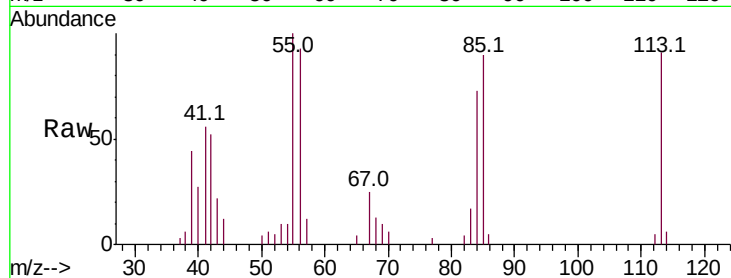
#35  
Caprolactam  
Concen: 24.023 ng/ml  
RT: 11.40 min Scan# 1431  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 109.4 | 97.6  | 137.6 |
| 56      | 101.8 | 81.6  | 121.6 |

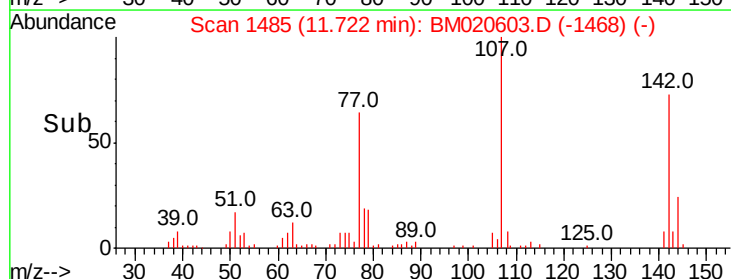
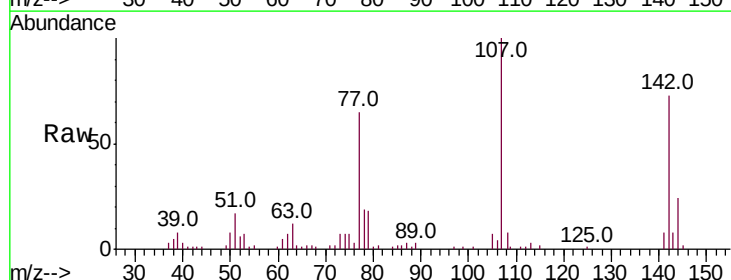
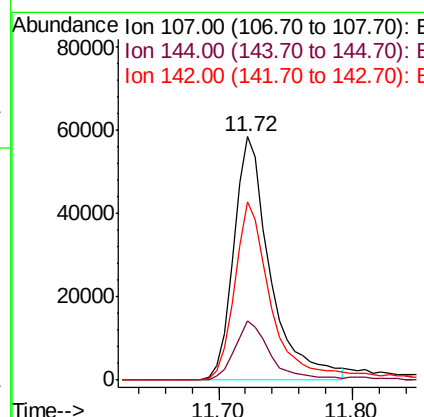
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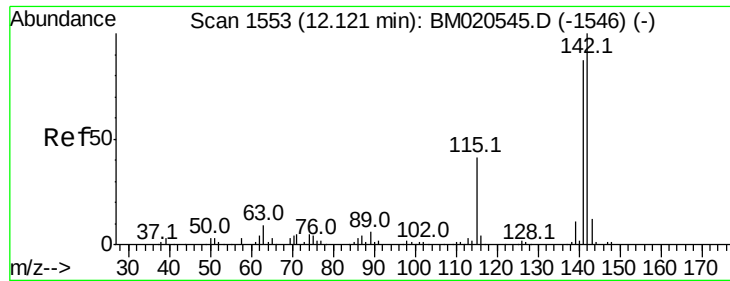
mohammad  
5/30/2019 8:16:19 AM



#36  
4-Chloro-3-methylphenol  
Concen: 30.963 ng  
RT: 11.72 min Scan# 1485  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.2  | 19.0  | 28.6  |
| 142     | 73.2  | 61.3  | 91.9  |





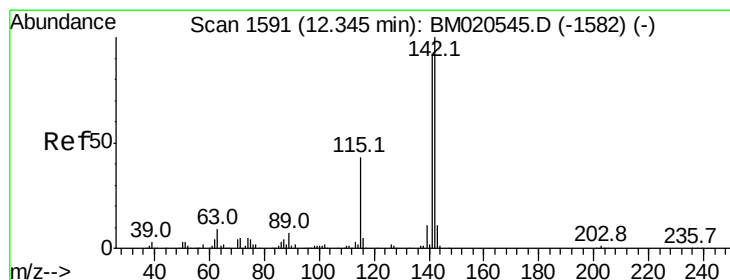
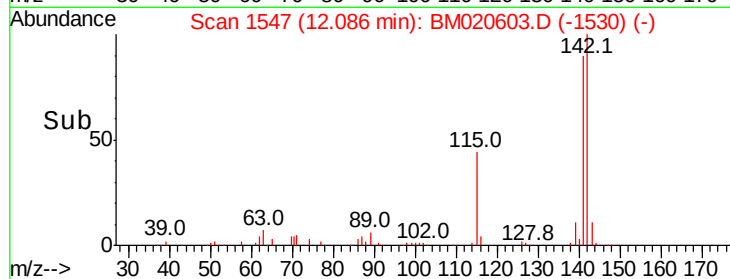
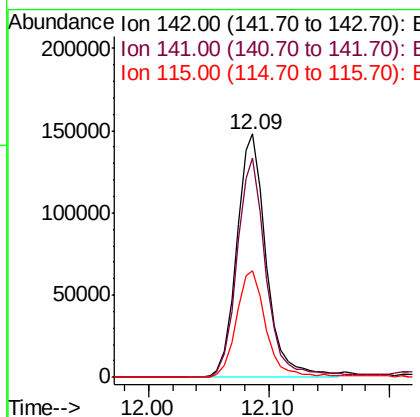
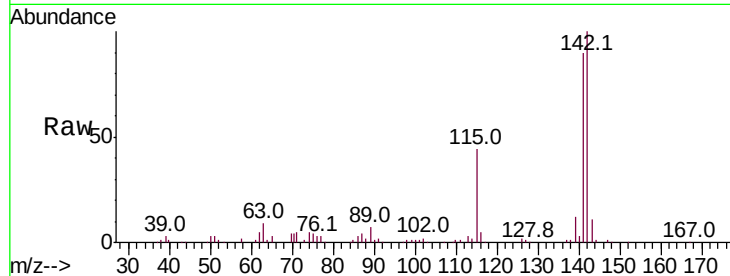
#37  
2-Methylnaphthalene  
Concen: 33.285 ng  
RT: 12.09 min Scan# 1547  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 252895 |       |       |
| 141     | 89.9  | 69.9   | 104.9 |       |
| 115     | 43.9  | 32.9   | 49.3  |       |

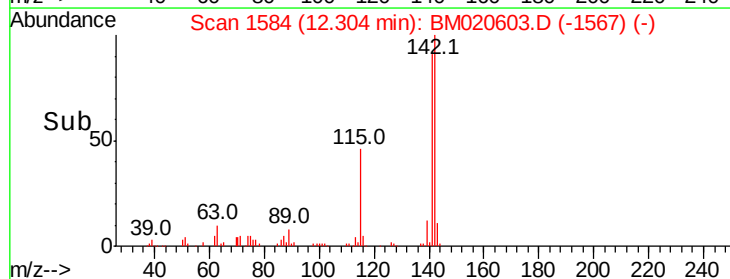
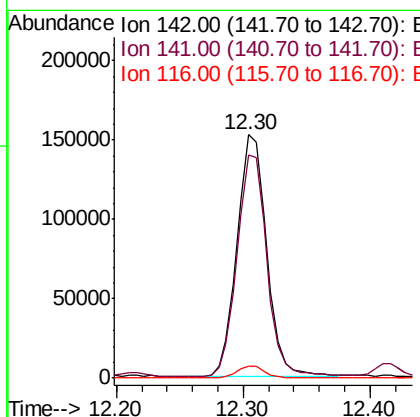
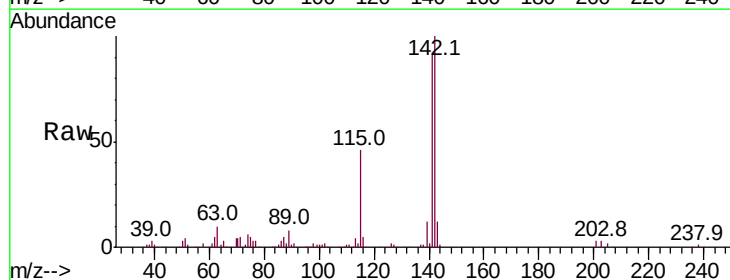
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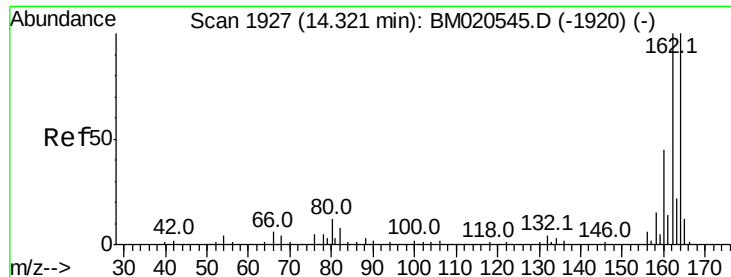
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#38  
1-Methylnaphthalene  
Concen: 33.740 ng  
RT: 12.30 min Scan# 1584  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 248383 |       |       |
| 141     | 91.7  | 73.7   | 110.5 |       |
| 116     | 4.7   | 3.7    | 5.5   |       |





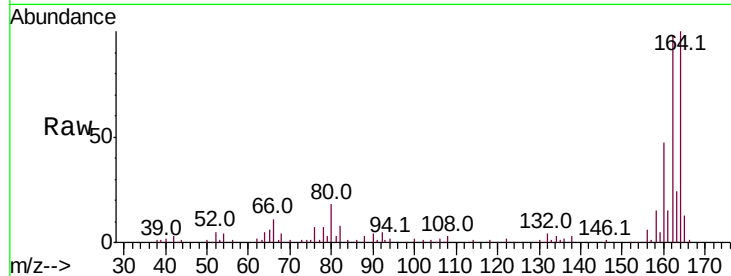
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.29 min Scan# 1921  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 124519 |       |       |
| 162     | 98.2  | 79.8   | 119.8 |       |
| 160     | 47.4  | 35.9   | 53.9  |       |

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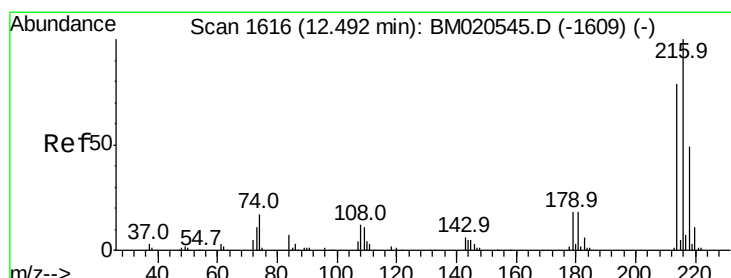
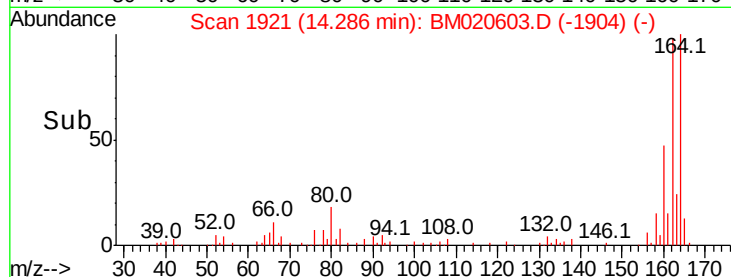
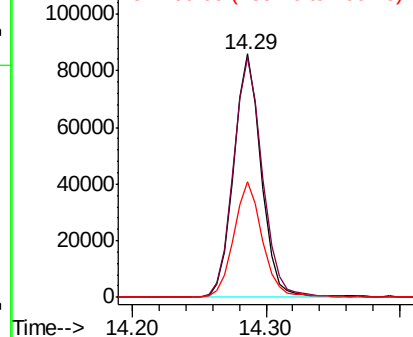


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.451 ng  
 RT: 12.46 min Scan# 1610  
 Delta R.T. 0.01 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 211739 |       |       |
| 214     | 78.0  | 63.0   | 94.6  |       |
| 179     | 18.1  | 14.8   | 22.2  |       |
| 108     | 13.0  | 10.5   | 15.7  |       |

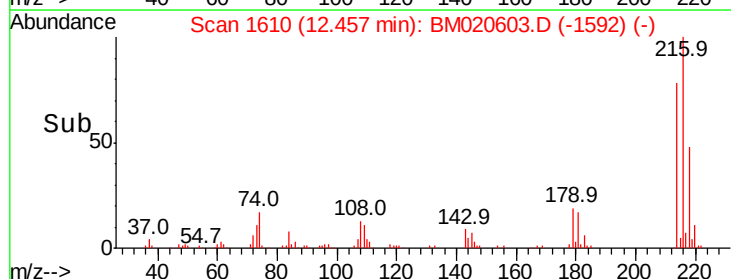
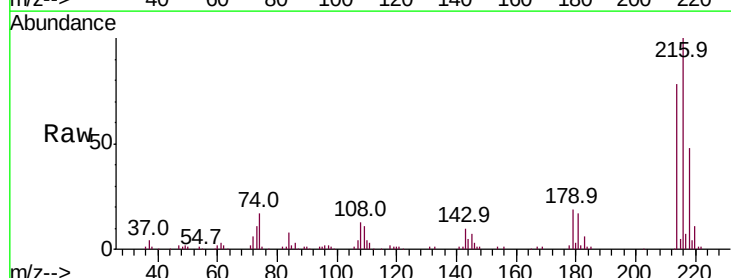
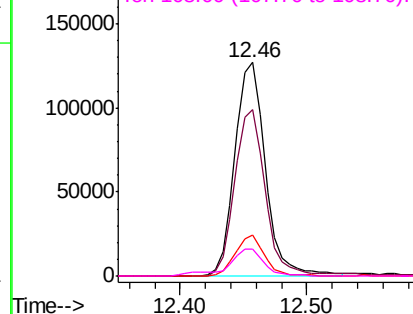
Abundance

Ion 216.00 (215.70 to 216.70): E

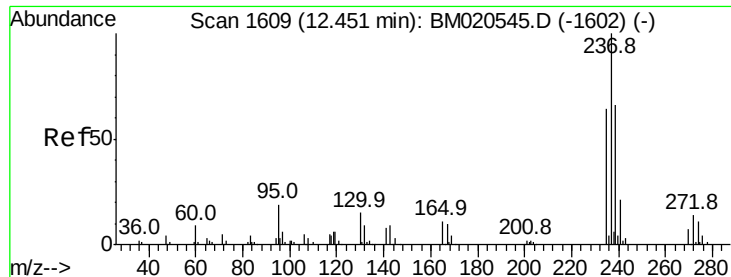
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







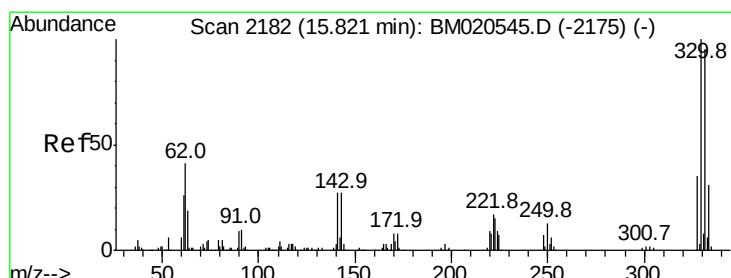
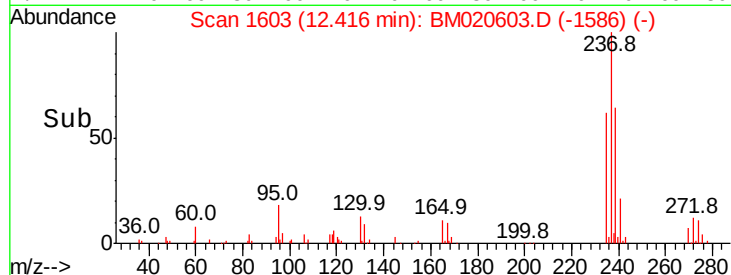
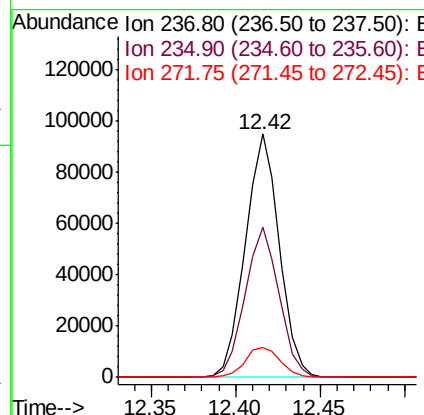
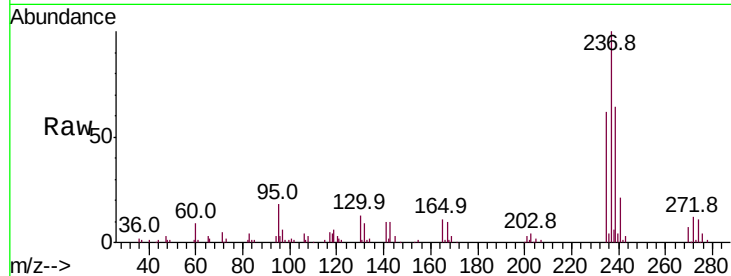
#41  
Hexachlorocyclopentadiene  
Concen: 54.718 ng  
RT: 12.42 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 61.8  | 43.5 | 83.5  |       |
| 272     | 12.3  | 0.0  | 33.9  |       |

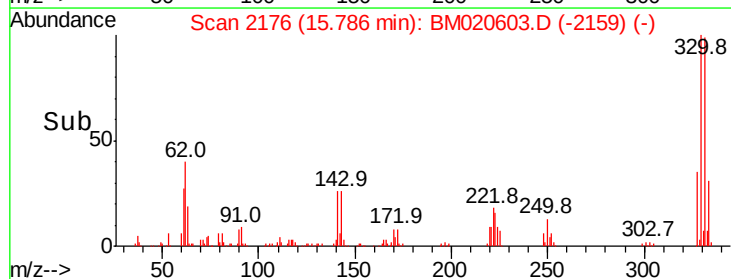
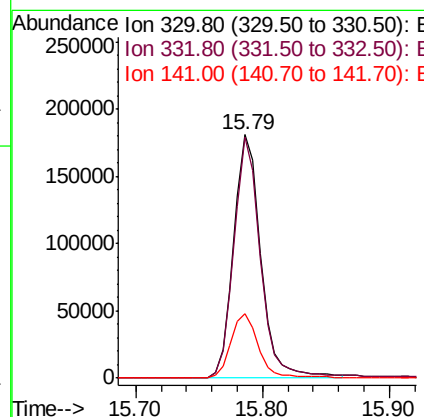
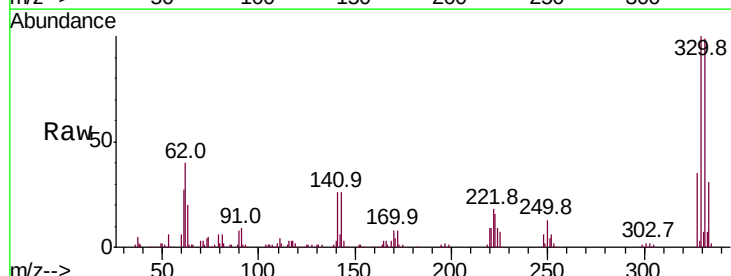
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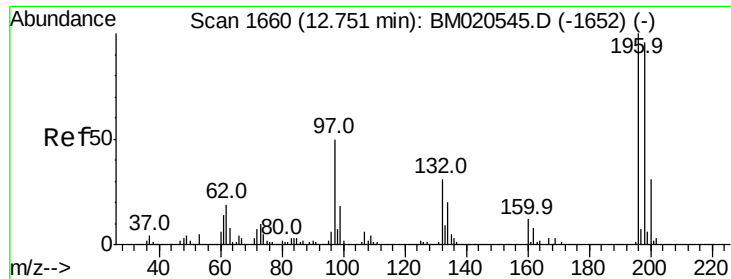
mohammad  
5/30/2019 8:16:19 AM



#42  
2,4,6-Tribromophenol  
Concen: 107.591 ng  
RT: 15.79 min Scan# 2176  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.6  | 77.5 | 116.3 |       |
| 141     | 27.0  | 21.7 | 32.5  |       |





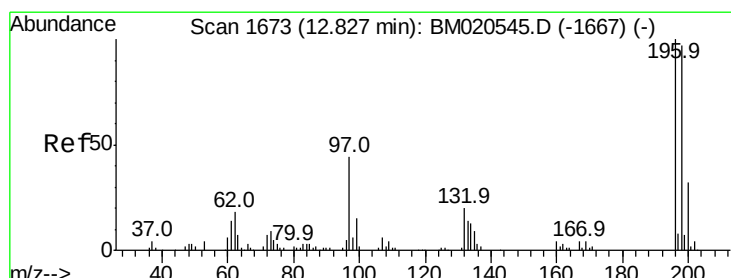
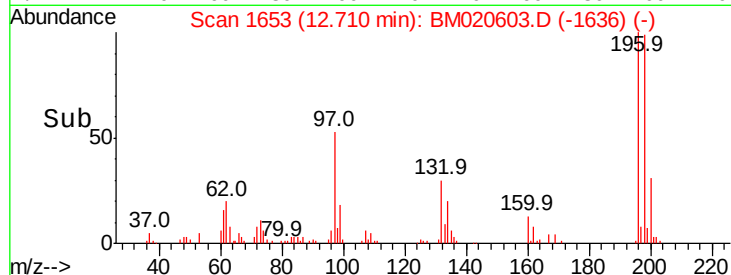
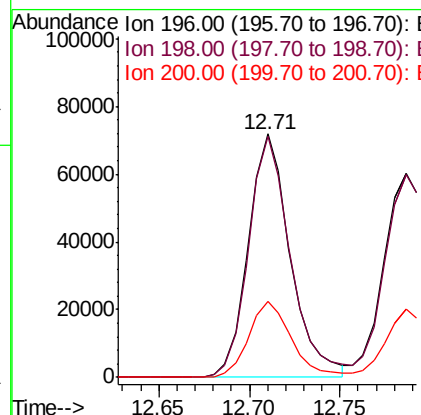
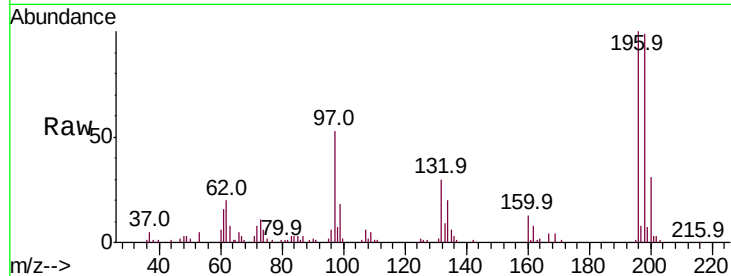
#43  
 2,4,6-Trichlorophenol  
 Concen: 35.758 ng  
 RT: 12.71 min Scan# 1653  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB120010BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 115832 |       |       |
| 198     | 99.2  | 76.4   | 114.6 |       |
| 200     | 31.4  | 25.0   | 37.4  |       |

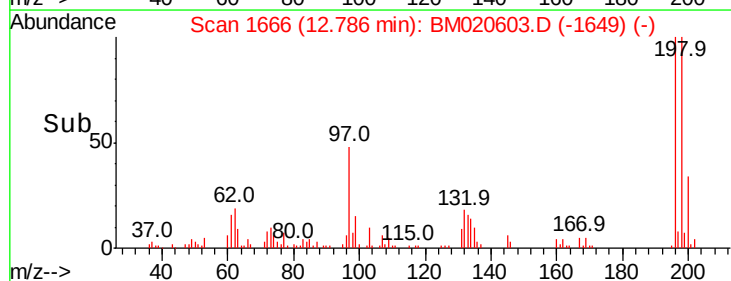
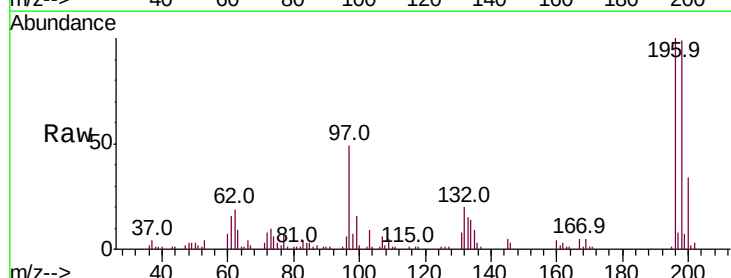
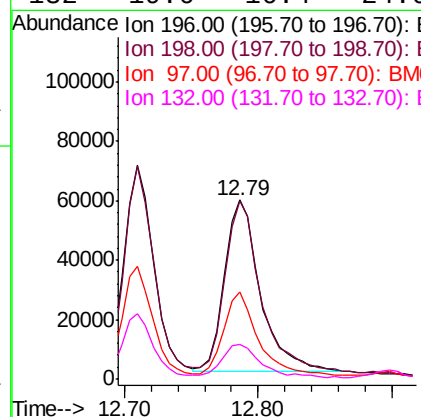
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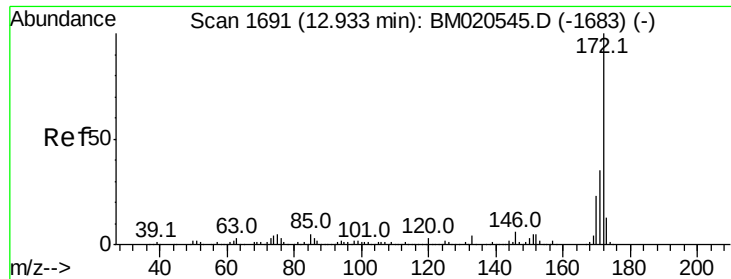
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#44  
 2,4,5-Trichlorophenol  
 Concen: 35.835 ng  
 RT: 12.79 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 108399 |       |       |
| 198     | 99.2  | 77.6   | 116.4 |       |
| 97      | 49.0  | 35.4   | 53.0  |       |
| 132     | 19.6  | 16.4   | 24.6  |       |





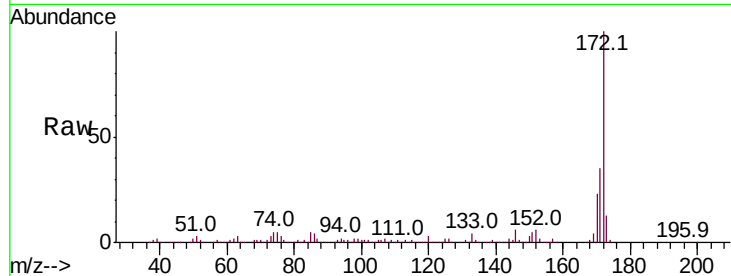
#45  
2-Fluorobiphenyl  
Concen: 85.811 ng  
RT: 12.90 min Scan# 1685  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 851530 |       |       |
| 171     | 35.3  |        | 27.9  | 41.9  |
| 170     | 22.6  |        | 18.2  | 27.4  |

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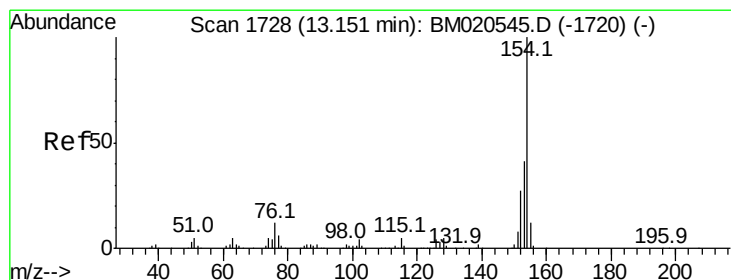
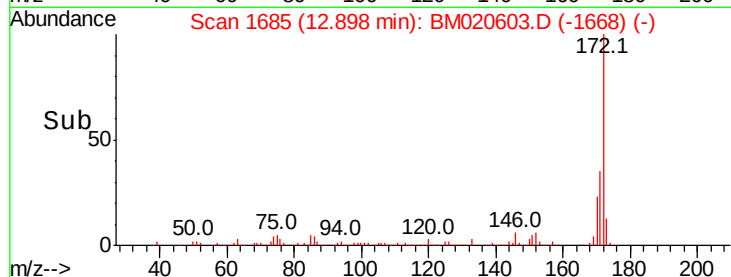
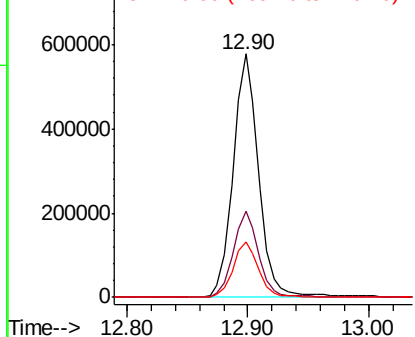


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 36.216 ng  
RT: 13.11 min Scan# 1721  
Delta R.T. -0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

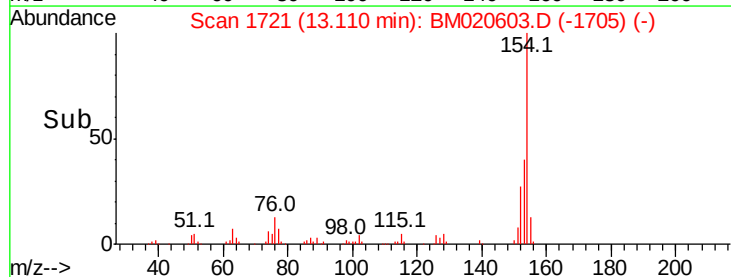
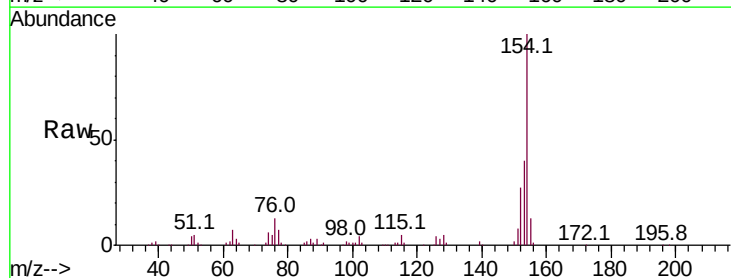
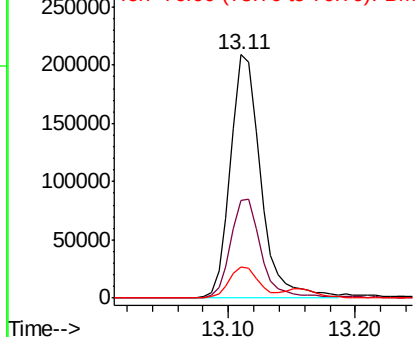
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 347311 |       |       |
| 153     | 40.3  |        | 20.6  | 60.6  |
| 76      | 12.8  |        | 0.0   | 32.2  |

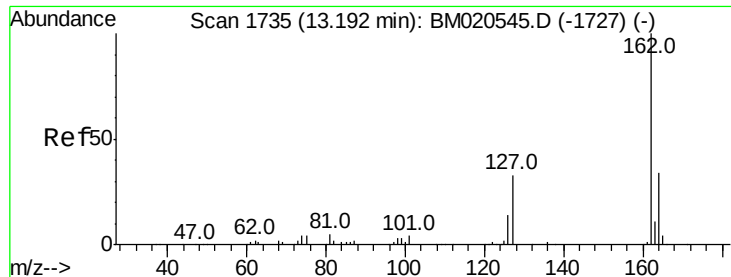
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





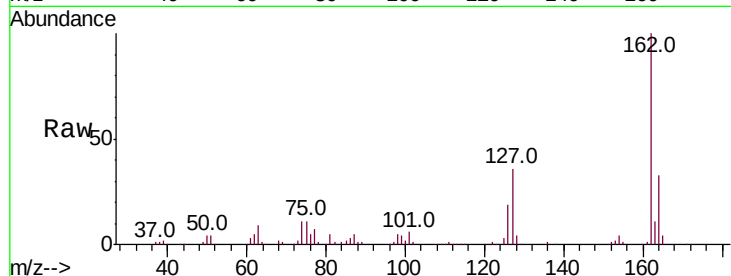
#47  
 2-Chloronaphthalene  
 Concen: 35.276 ng  
 RT: 13.16 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

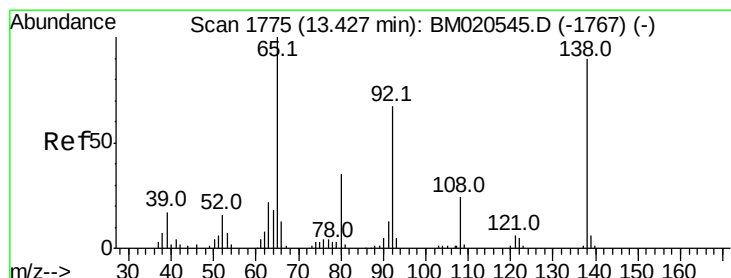
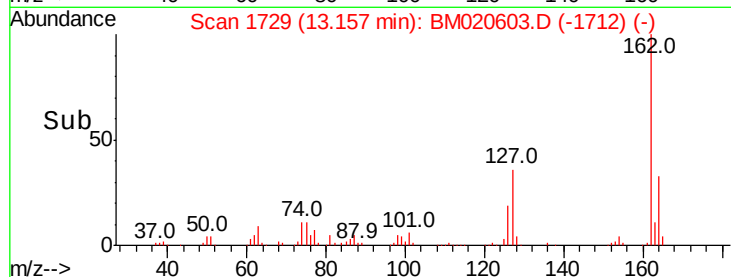
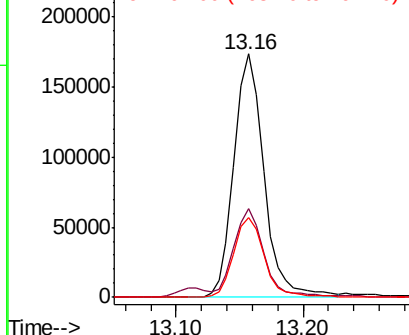
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 286779 |       |       |
| 127     | 36.3  |        | 29.2  | 43.8  |
| 164     | 32.8  |        | 27.4  | 41.2  |

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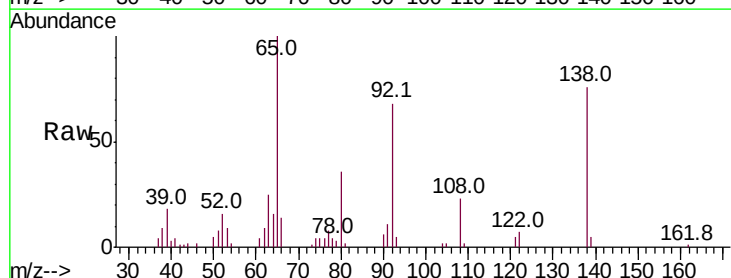


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

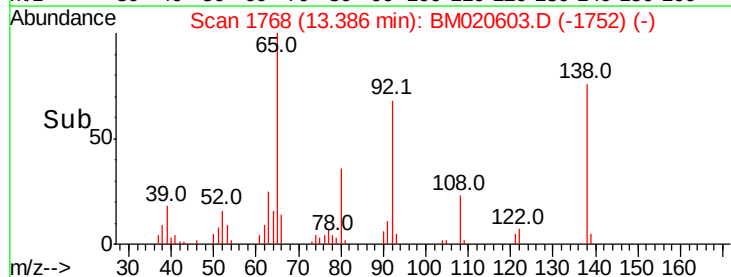
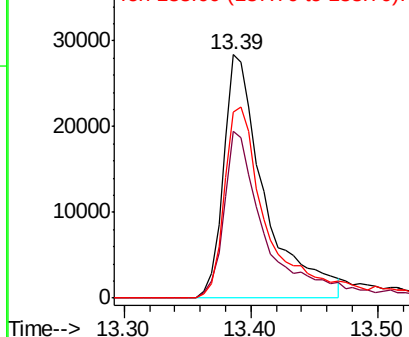


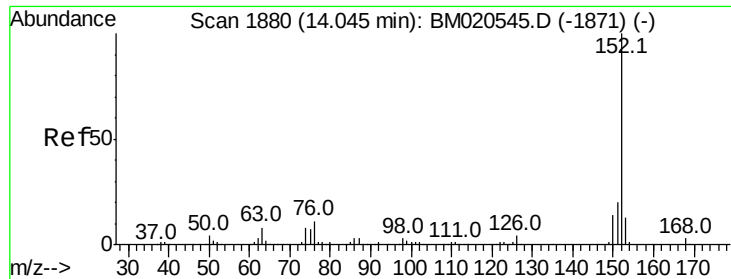
#48  
 2-Nitroaniline  
 Concen: 27.655 ng  
 RT: 13.39 min Scan# 1768  
 Delta R.T. -0.01 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 63843 |       |       |
| 92      | 68.3  |       | 53.6  | 80.4  |
| 138     | 76.2  |       | 72.0  | 108.0 |



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: 35.106 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

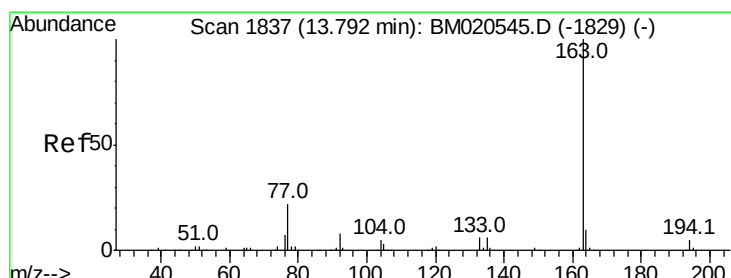
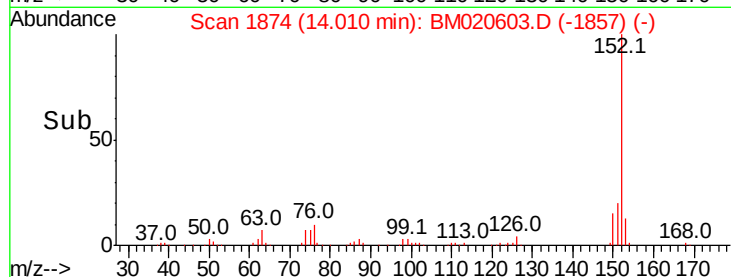
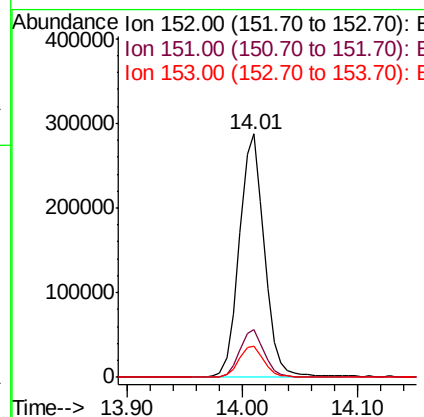
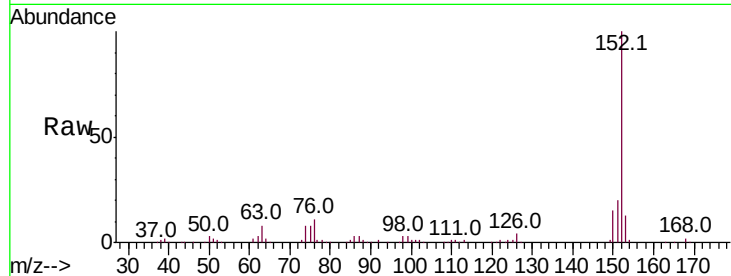
ClientSampleId :

PB120010BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 434021 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.7  | 15.7  | 23.5   |
| 153       | 12.5  | 10.2  | 15.2   |

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#50

Dimethylphthalate

Concen: 32.728 ng

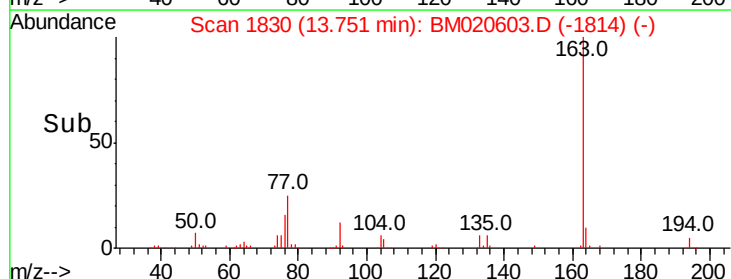
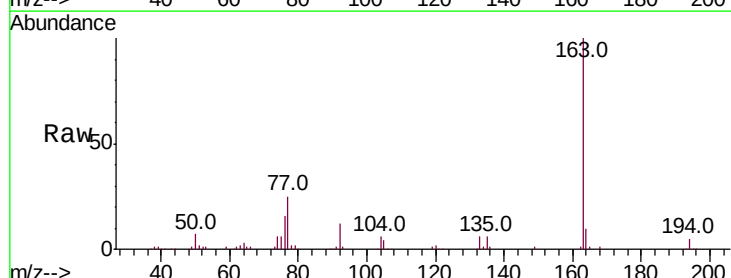
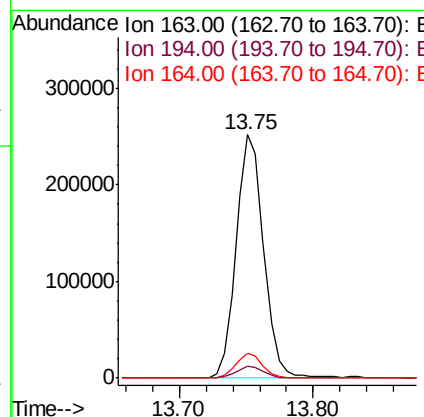
RT: 13.75 min Scan# 1830

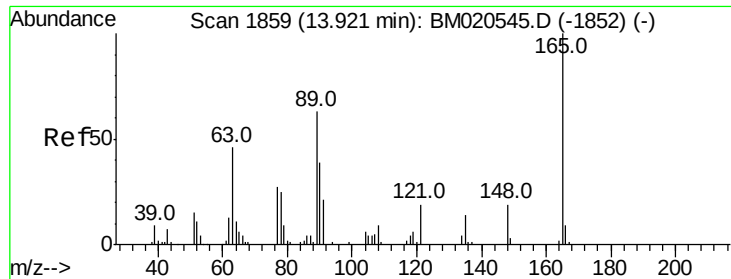
Delta R.T. -0.01 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 360967 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.9   | 3.9   | 5.9    |
| 164       | 10.3  | 8.0   | 12.0   |





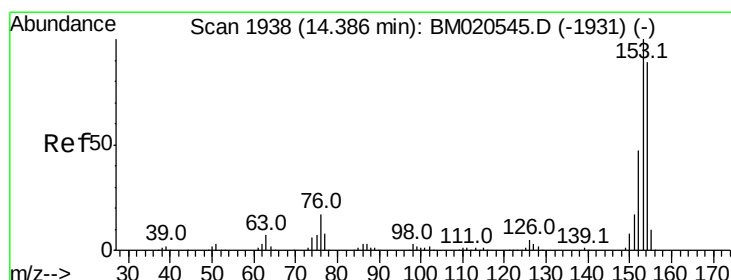
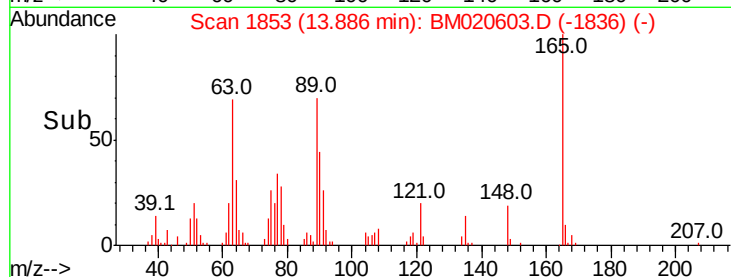
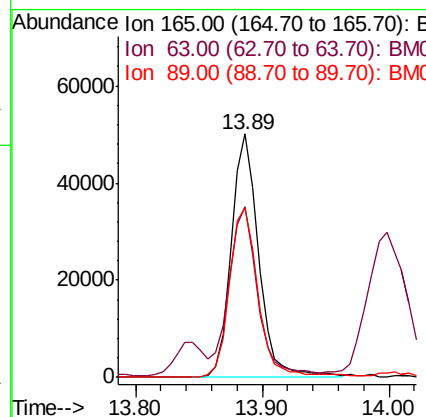
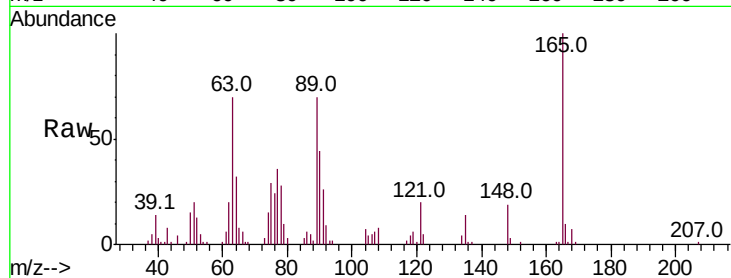
#51  
 2,6-Dinitrotoluene  
 Concen: 32.378 ng  
 RT: 13.89 min Scan# 1853  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 70.3  | 49.6  | 74.4  |
| 89      | 69.6  | 50.8  | 76.2  |

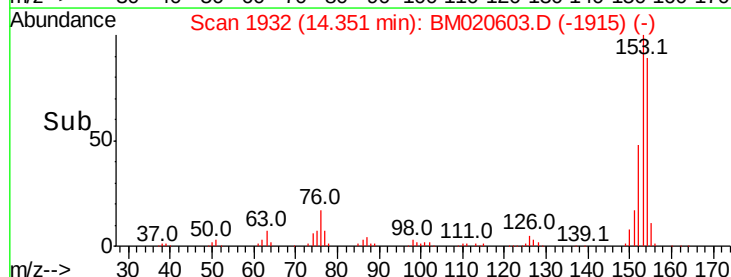
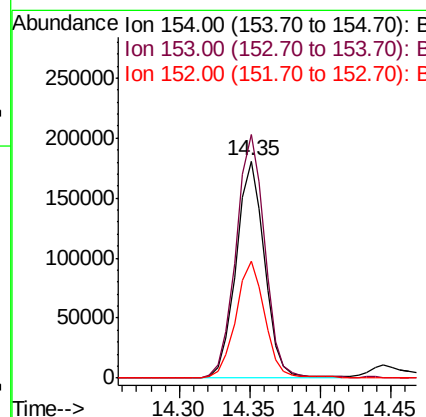
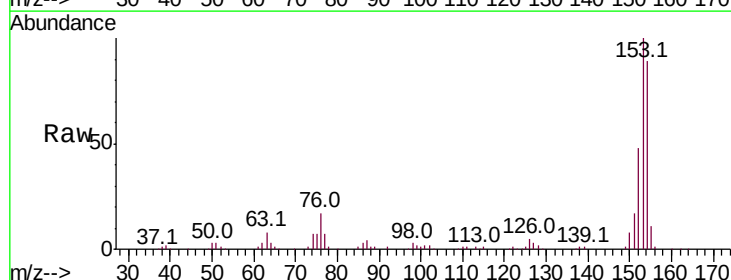
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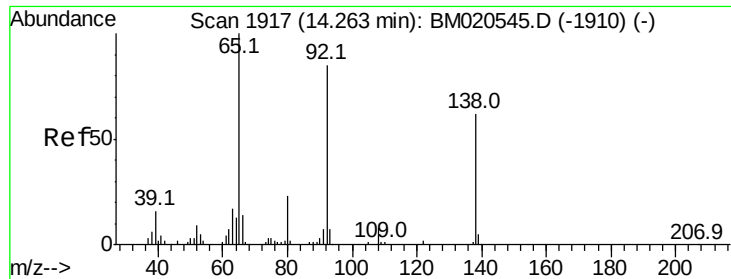
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#52  
 Acenaphthene  
 Concen: 34.175 ng  
 RT: 14.35 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.3 | 90.2  | 135.4 |
| 152     | 54.1  | 42.0  | 63.0  |





#53

3-Nitroaniline

Concen: 18.589 ng

RT: 14.23 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

ClientSampleId :

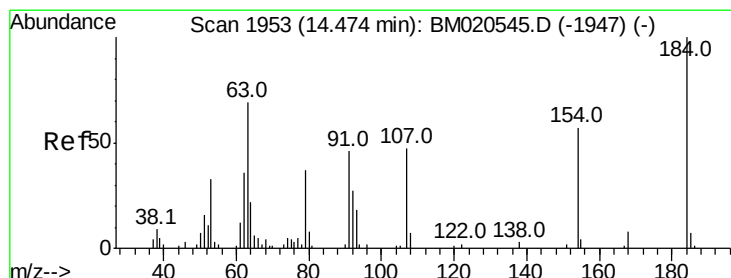
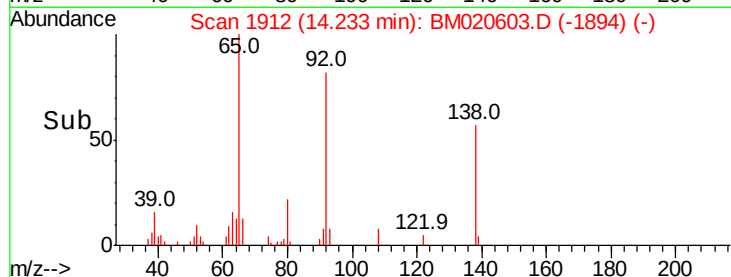
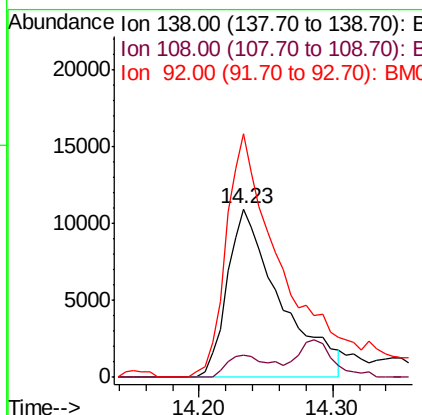
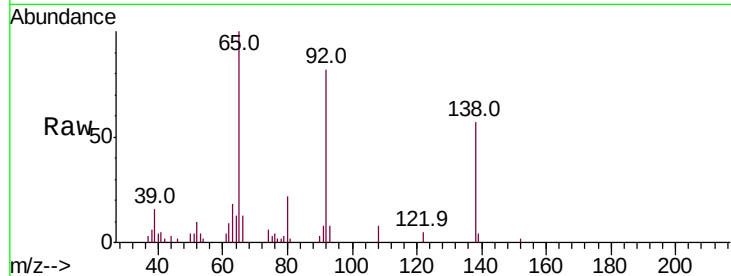
PB120010BS

Tot Ion:138 Resp: 30166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 13.5  | 10.1  | 15.1  |
| 92  | 144.5 | 109.5 | 164.3 |

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#54

2,4-Dinitrophenol

Concen: 32.505 ng

RT: 14.45 min Scan# 1948

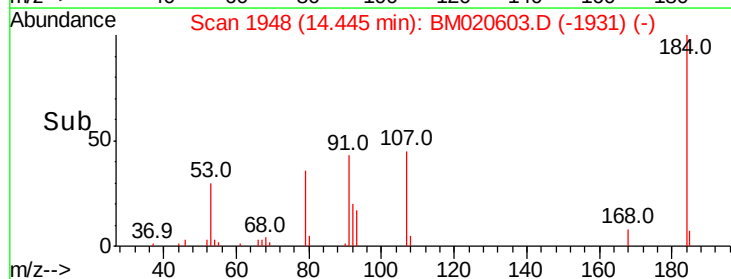
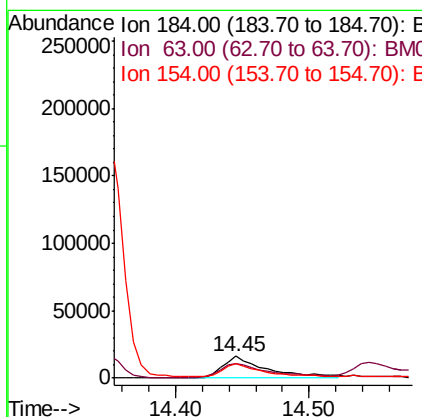
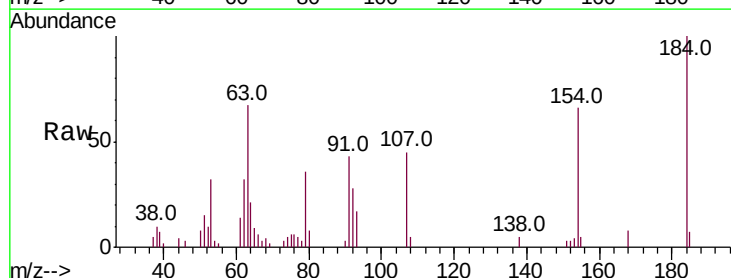
Delta R.T. -0.00 min

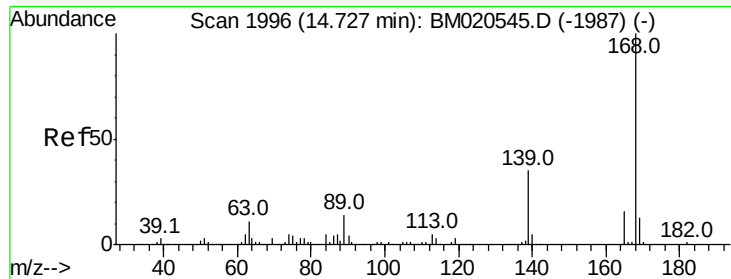
Lab File: BM020603.D

Acq: 29 May 2019 17:22

Tgt Ion:184 Resp: 37418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 63  | 66.6  | 56.3  | 84.5  |
| 154 | 65.8  | 49.0  | 73.6  |





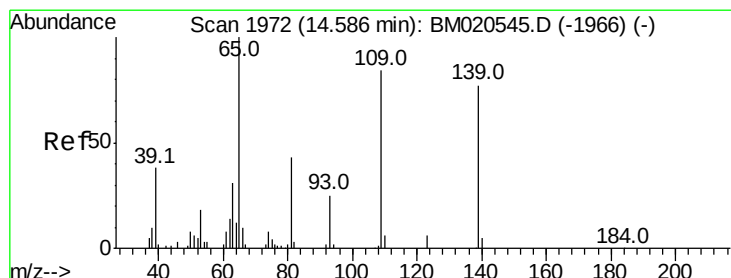
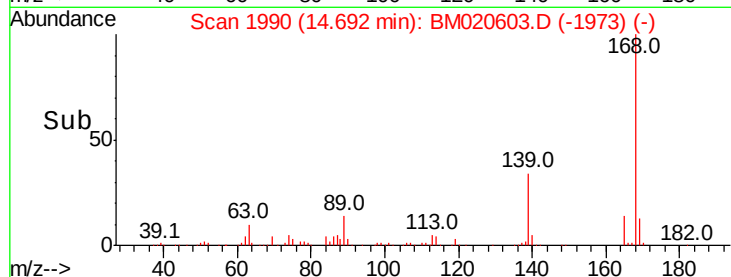
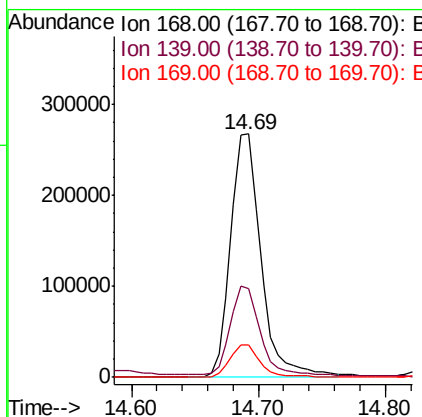
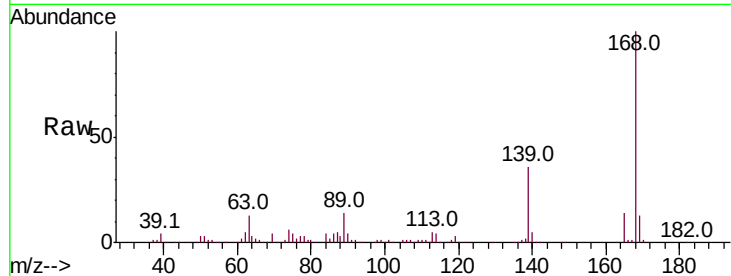
#55  
Dibenzenofuran  
Concen: 34.694 ng  
RT: 14.69 min Scan# 1990  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.3  | 28.2  | 42.4  |
| 169     | 13.4  | 10.6  | 16.0  |

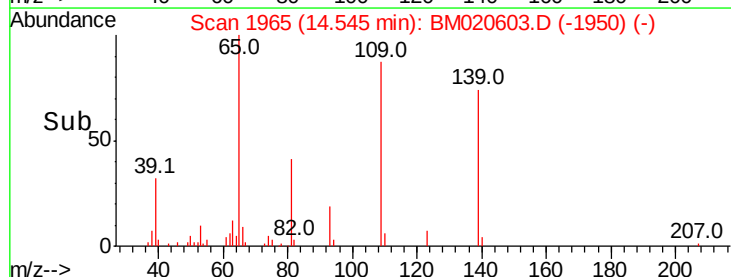
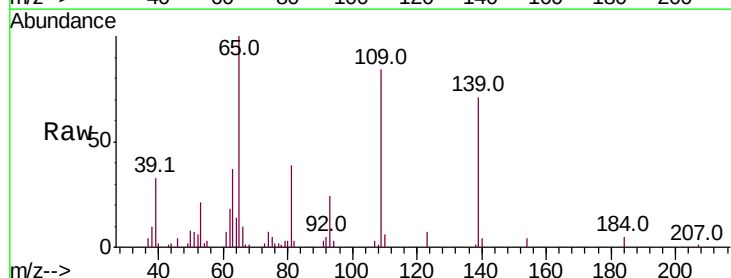
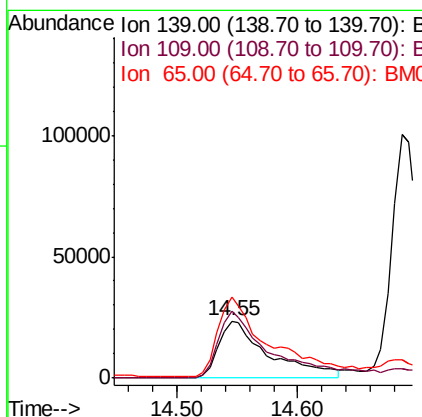
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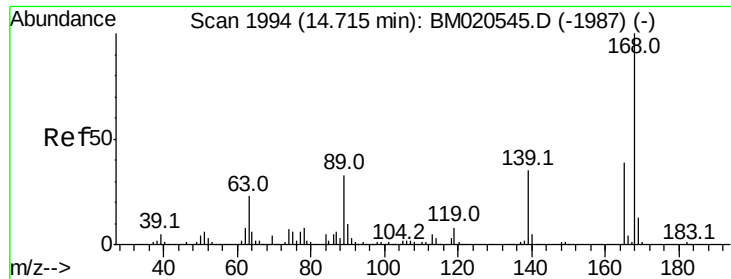


#56  
4-Nitrophenol  
Concen: 48.833 ng  
RT: 14.55 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 118.1 | 89.4  | 129.4 |
| 65      | 140.9 | 113.3 | 153.3 |







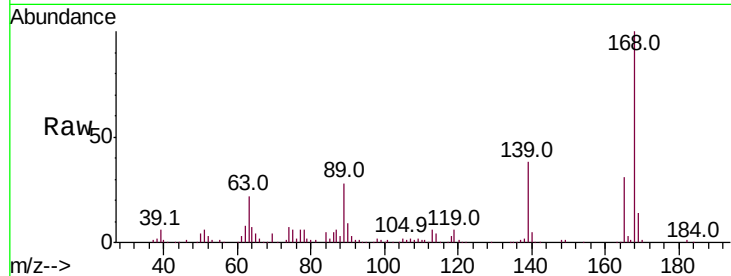
#57  
2,4-Dinitrotoluene  
Concen: 30.060 ng  
RT: 14.68 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 99785 |       |       |
| 63      | 69.5  |       | 48.7  | 73.1  |
| 89      | 90.0  |       | 68.8  | 103.2 |
| 182     | 3.6   |       | 2.6   | 4.0   |

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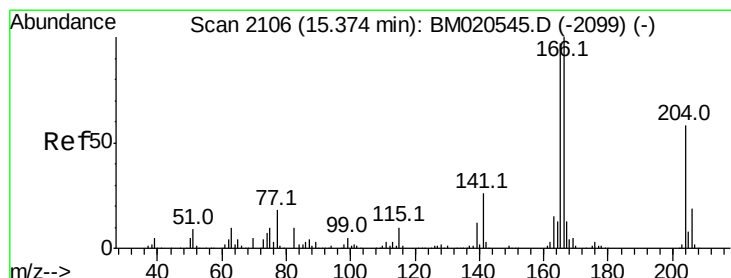
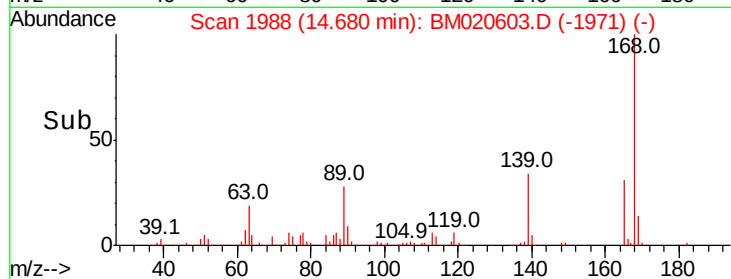
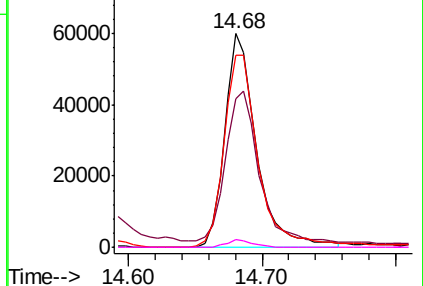
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

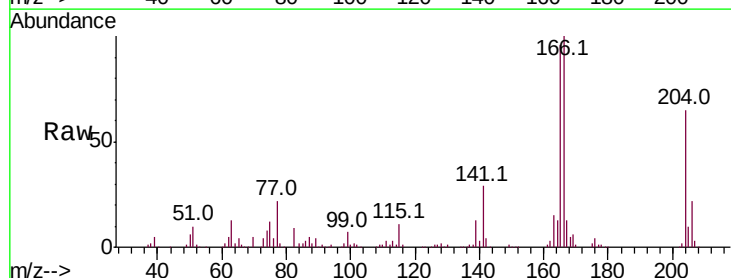
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 32.756 ng  
RT: 15.34 min Scan# 2100  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 350797 |       |       |
| 165     | 96.0  |        | 77.4  | 116.0 |
| 167     | 13.1  |        | 10.6  | 16.0  |

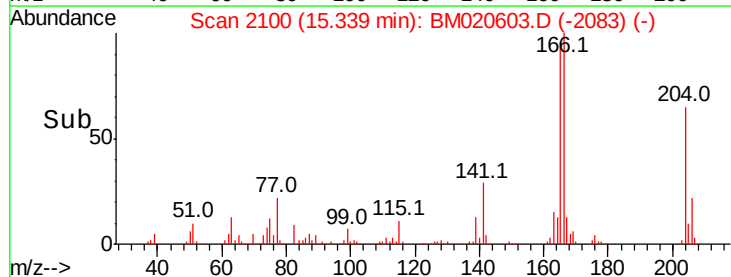
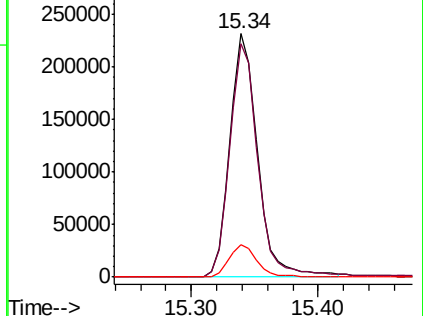


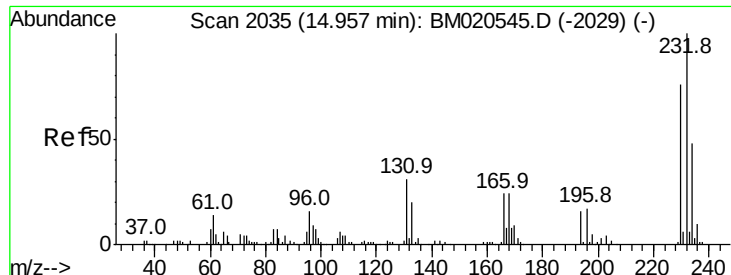
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





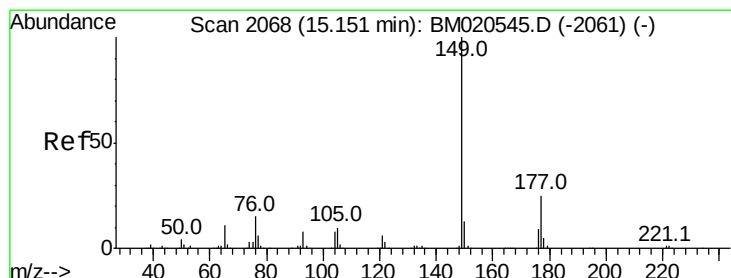
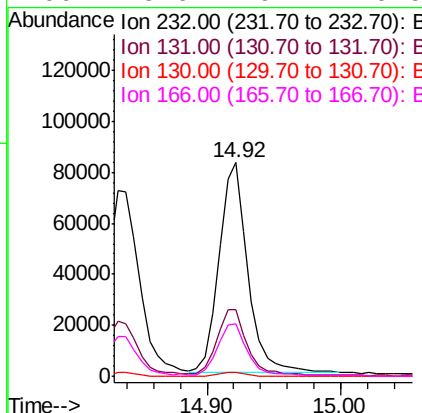
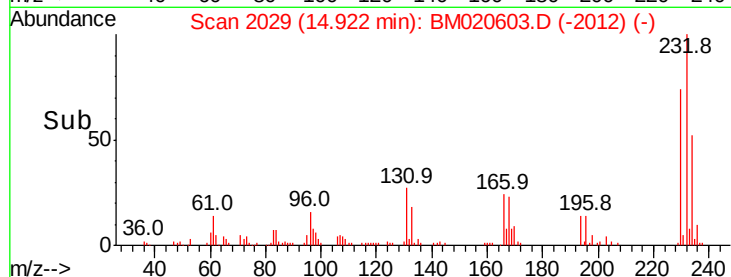
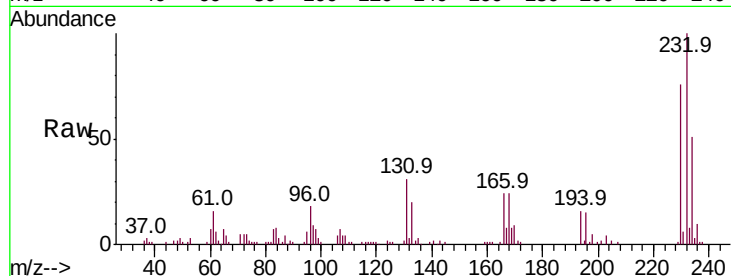
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.166 ng  
 RT: 14.92 min Scan# 2029  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 123778 |       |       |
| 131     | 32.4  |        | 25.4  | 38.0  |
| 130     | 1.8   |        | 1.5   | 2.3   |
| 166     | 25.6  |        | 19.7  | 29.5  |

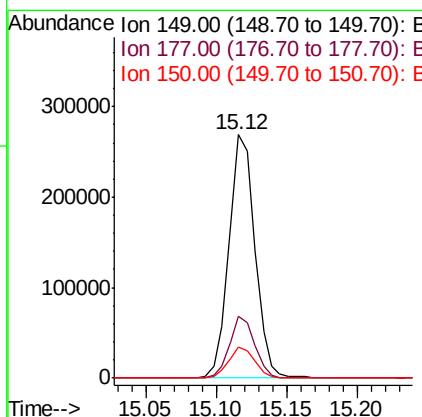
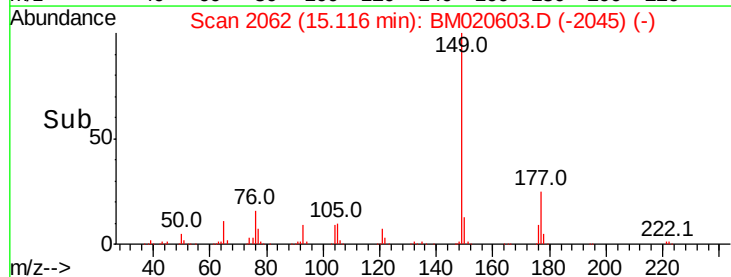
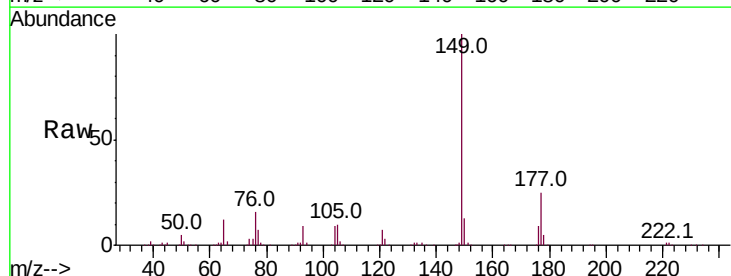
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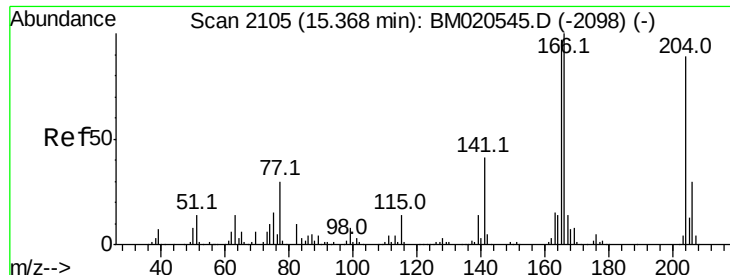
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#60  
 Diethylphthalate  
 Concen: 31.781 ng  
 RT: 15.12 min Scan# 2062  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 345356 |       |       |
| 177     | 25.3  |        | 19.8  | 29.8  |
| 150     | 13.0  |        | 10.2  | 15.2  |





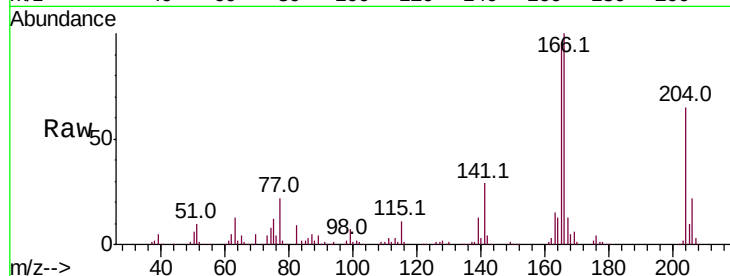
#61  
4-Chlorophenyl-phenylether  
Concen: 33.645 ng  
RT: 15.34 min Scan# 2100  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

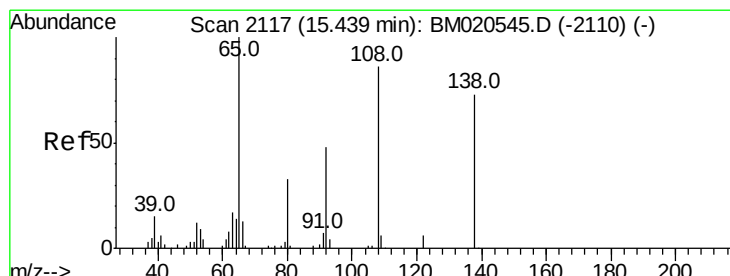
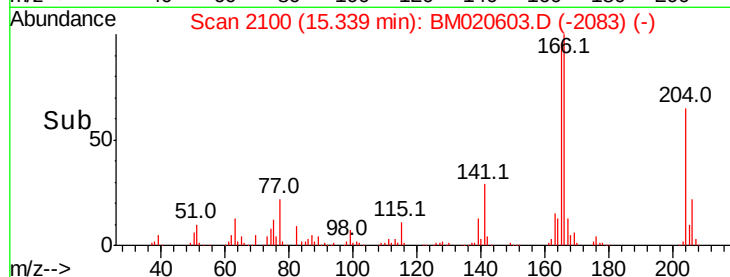
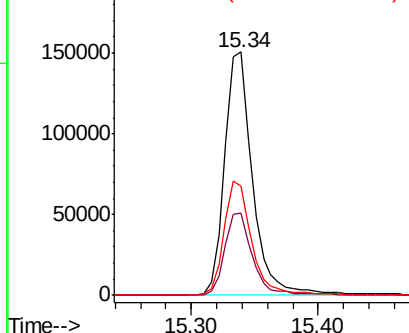
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 33.7  | 26.6 | 40.0  |       |
| 141     | 44.7  | 36.9 | 55.3  |       |

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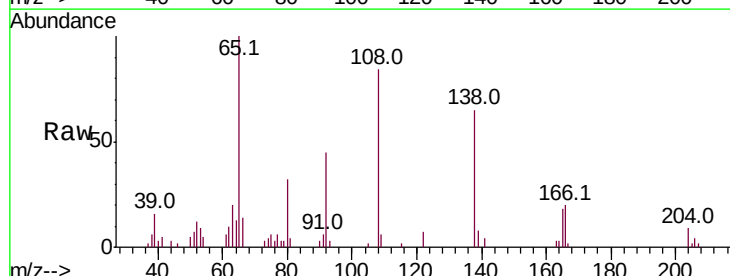


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

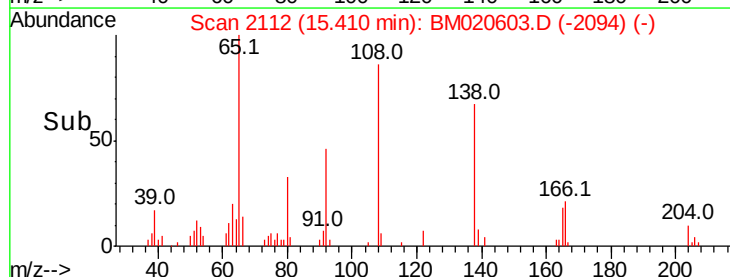
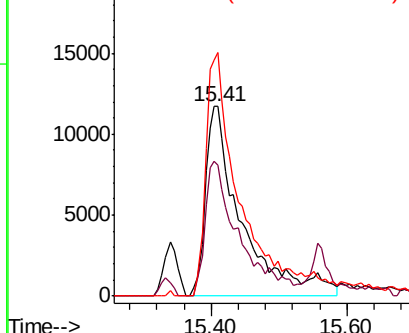


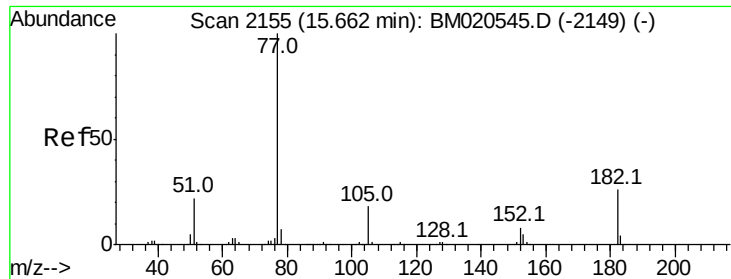
#62  
4-Nitroaniline  
Concen: 22.605 ng m  
RT: 15.41 min Scan# 2112  
Delta R.T. 0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 69.3  | 44.5 | 84.5  |       |
| 108     | 128.3 | 95.9 | 135.9 |       |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E





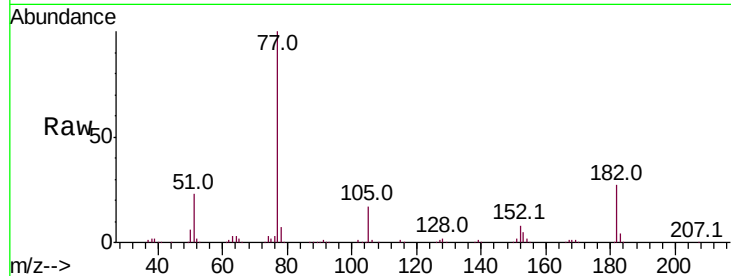
#63  
Azobenzene  
Concen: 33.707 ng  
RT: 15.63 min Scan# 2150  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.9  | 5.7   | 45.7  |
| 105     | 16.6  | 0.0   | 37.6  |
| 51      | 23.3  | 1.7   | 41.7  |

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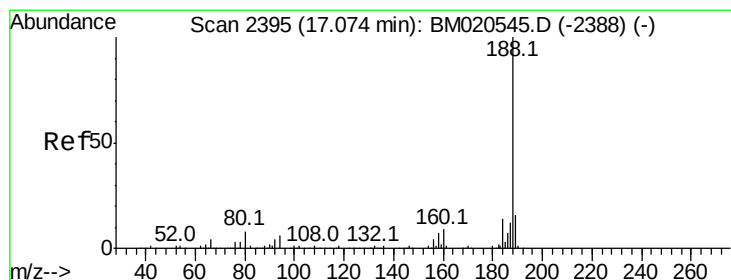
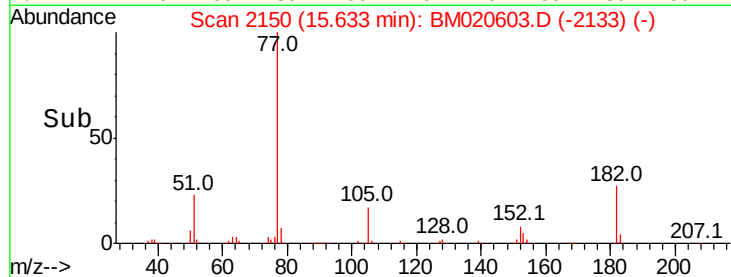
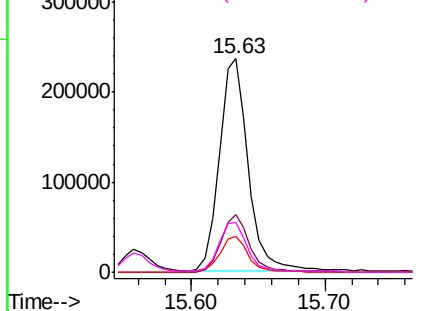


Abundance Ion 77.00 (76.70 to 77.70): BM020603.D (-2133) (-)

Ion 182.00 (181.70 to 182.70): BM020603.D (-2133) (-)

Ion 105.00 (104.70 to 105.70): BM020603.D (-2133) (-)

Ion 51.00 (50.70 to 51.70): BM020603.D (-2133) (-)



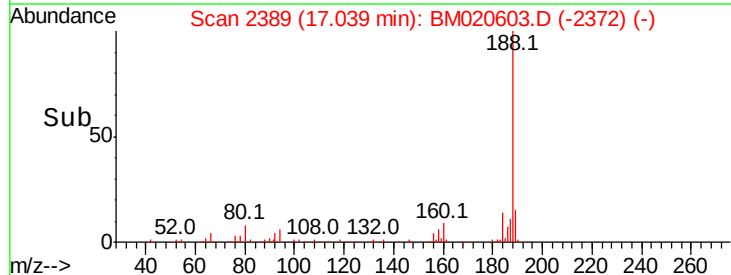
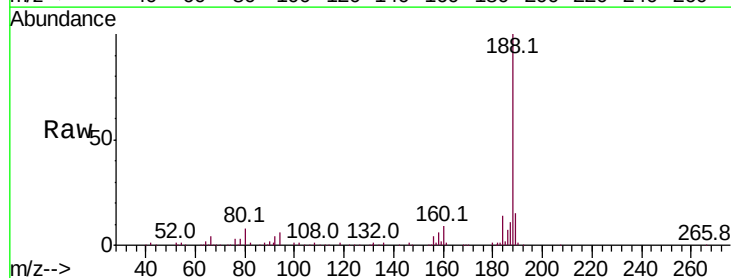
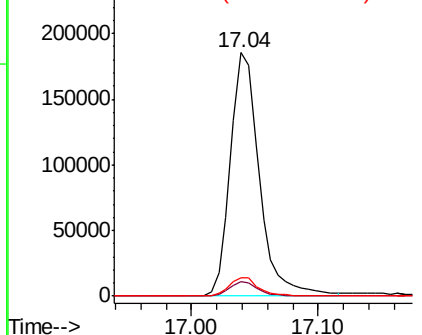
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.04 min Scan# 2389  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

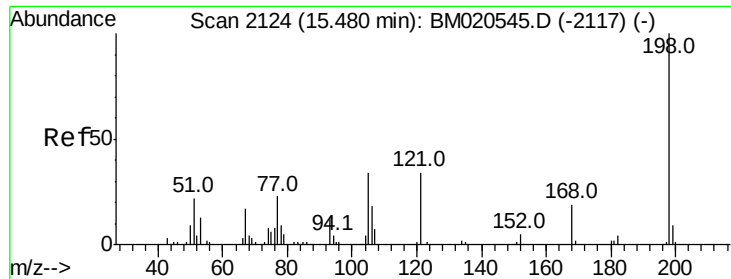
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.8   | 5.0   | 7.4   |
| 80      | 7.6   | 6.5   | 9.7   |

Abundance Ion 188.00 (187.70 to 188.70): BM020603.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BM020603.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BM020603.D (-2372) (-)





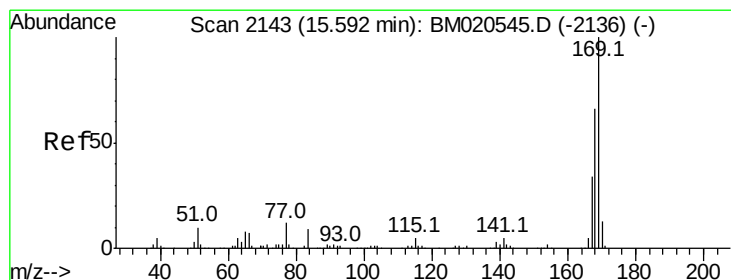
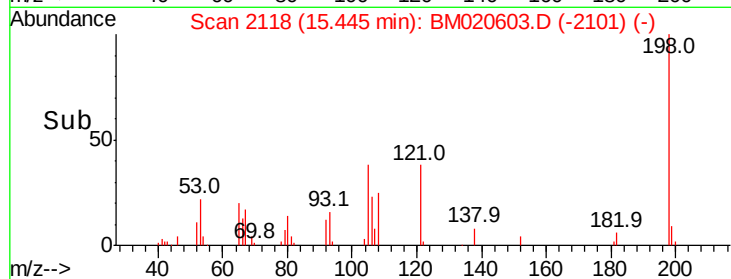
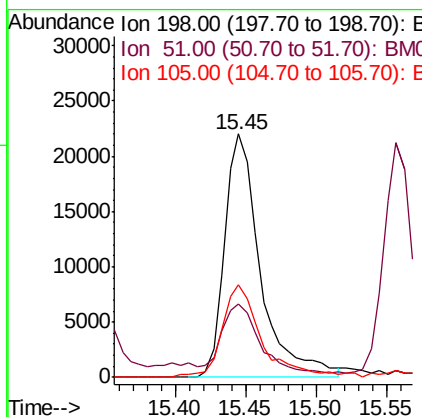
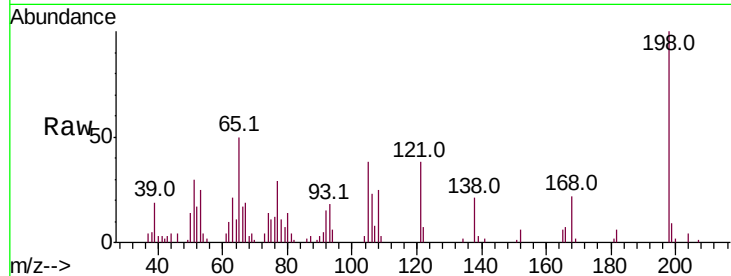
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 24.460 ng  
 RT: 15.45 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 39017 |       |       |
| 51      | 30.3  | 6.4   | 46.4  |       |
| 105     | 38.1  | 15.1  | 55.1  |       |

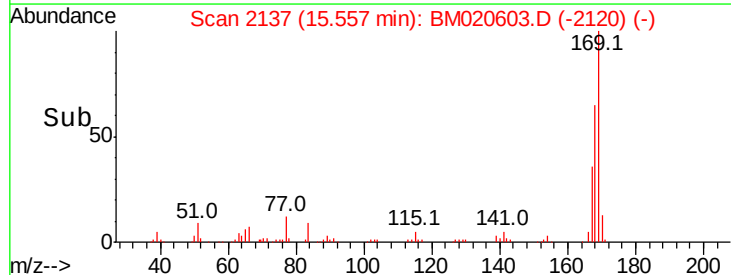
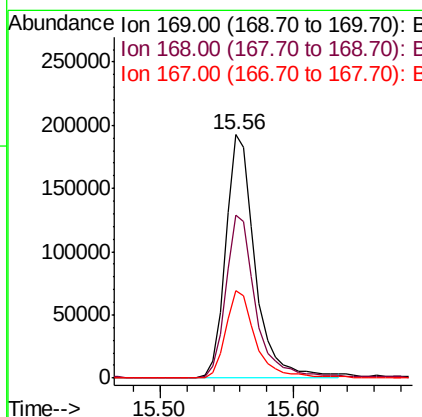
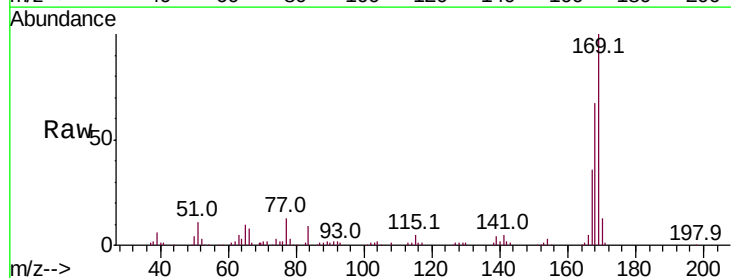
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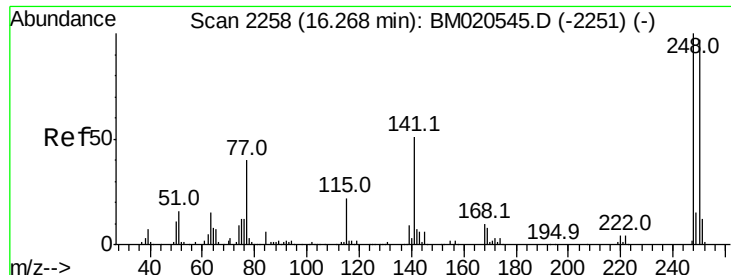
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#66  
 n-Nitrosodiphenylamine  
 Concen: 37.226 ng  
 RT: 15.56 min Scan# 2137  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 297728 |       |       |
| 168     | 66.9  | 52.5   | 78.7  |       |
| 167     | 35.8  | 27.5   | 41.3  |       |





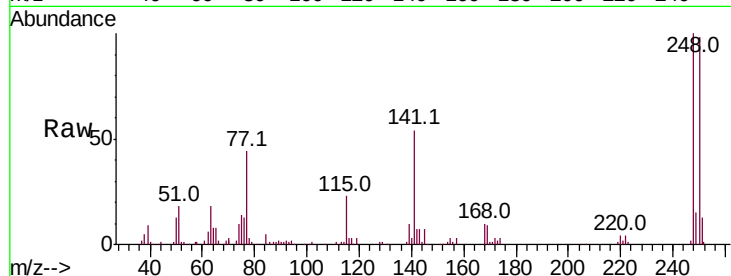
#67  
 4-Bromophenyl-phenylether  
 Concen: 35.984 ng  
 RT: 16.23 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.3  | 77.8  | 116.6 |
| 141     | 54.0  | 41.0  | 61.6  |

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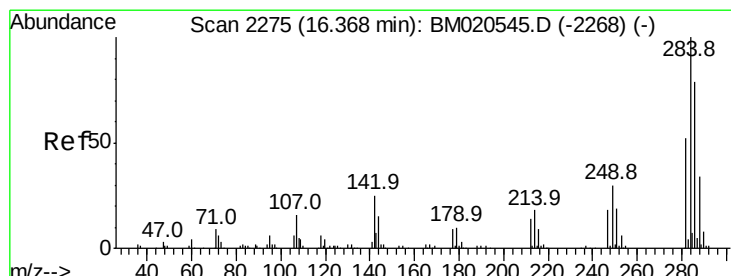
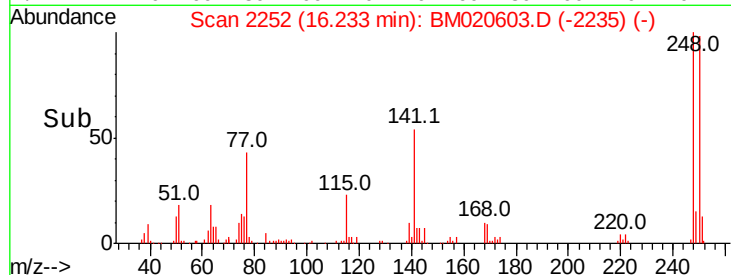
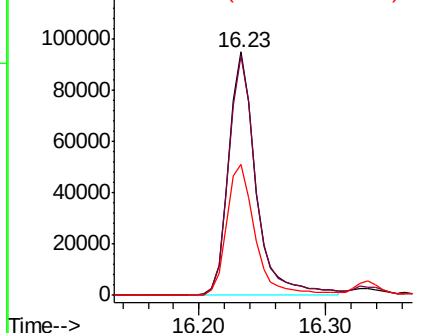


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 36.638 ng  
 RT: 16.33 min Scan# 2269  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

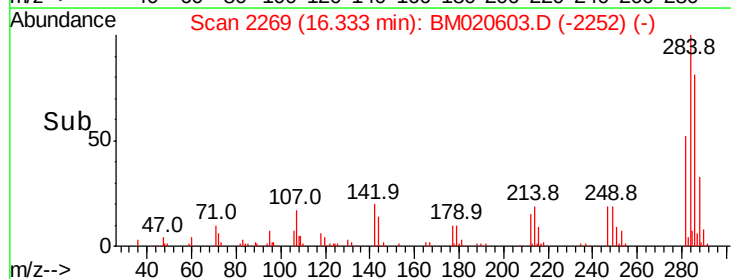
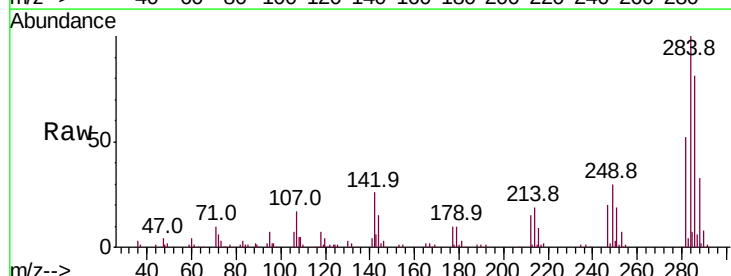
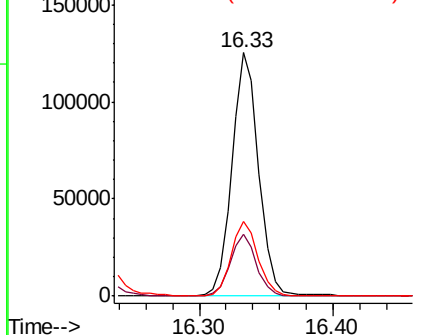
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.6  | 20.2  | 30.2  |
| 249     | 30.4  | 23.9  | 35.9  |

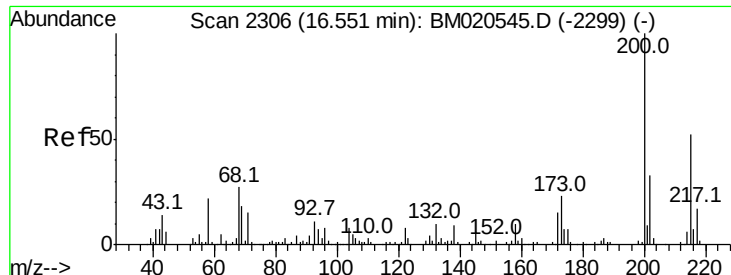
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





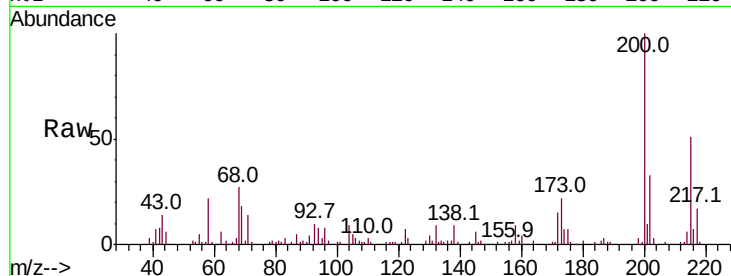
#69  
Atrazine  
Concen: 35.435 ng  
RT: 16.52 min Scan# 2300  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

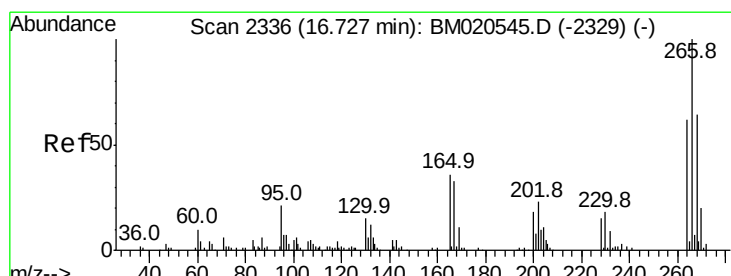
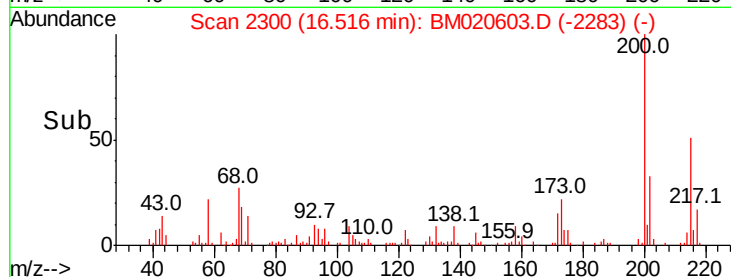
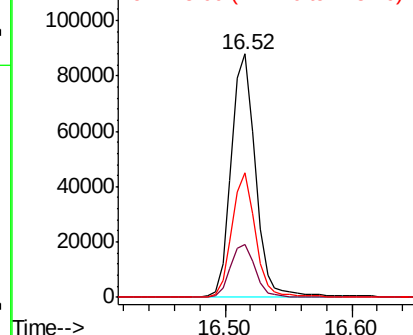
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 116600 |       |       |
| 173     | 21.8  | 3.2    | 43.2  |       |
| 215     | 51.1  | 31.7   | 71.7  |       |

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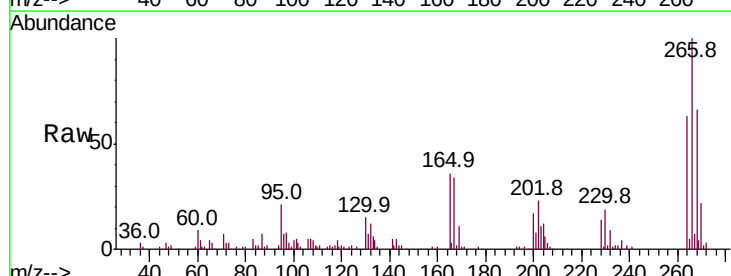


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

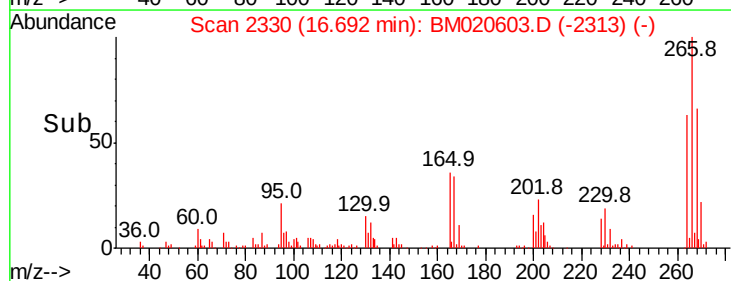
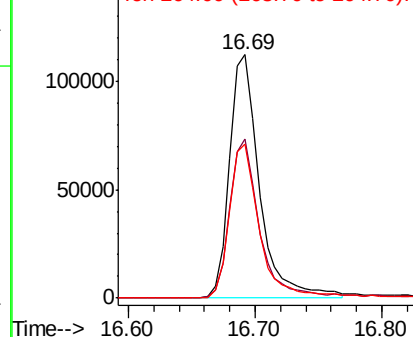


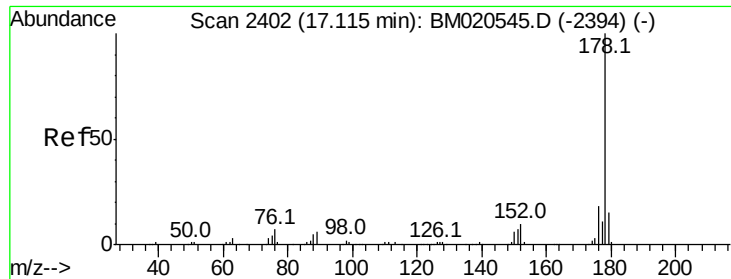
#70  
Pentachlorophenol  
Concen: 74.978 ng  
RT: 16.69 min Scan# 2330  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 184510 |       |       |
| 268     | 65.6  | 51.0   | 76.4  |       |
| 264     | 63.2  | 49.8   | 74.8  |       |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





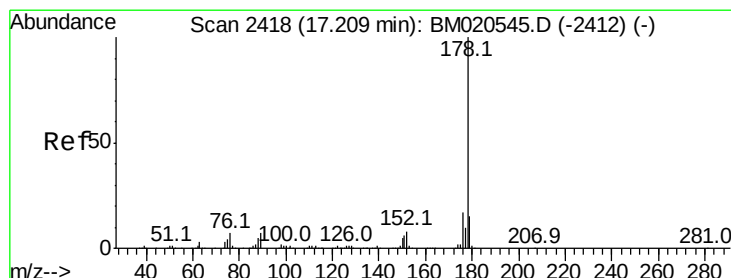
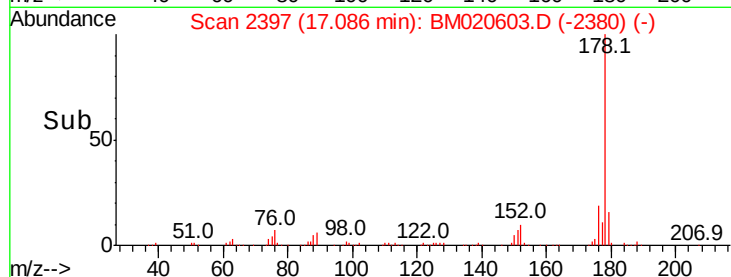
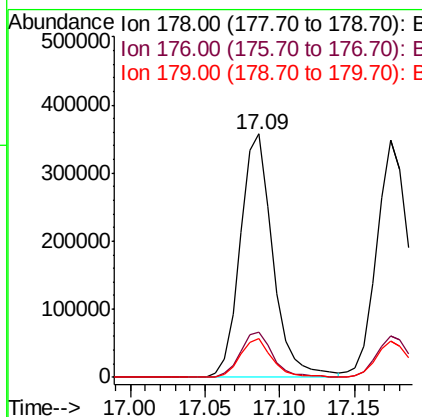
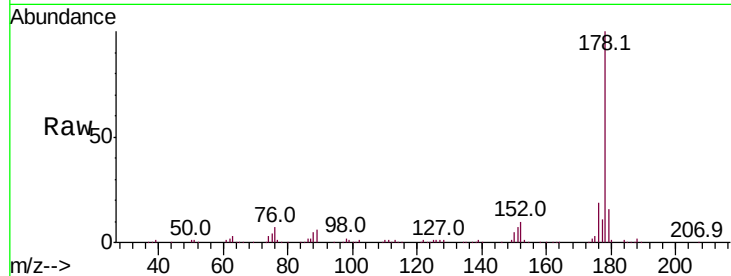
#71  
Phenanthrene  
Concen: 33.876 ng  
RT: 17.09 min Scan# 2397  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 14.7  | 22.1  |
| 179     | 15.7  | 12.2  | 18.2  |

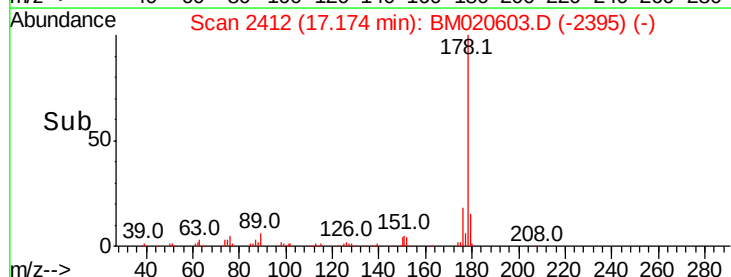
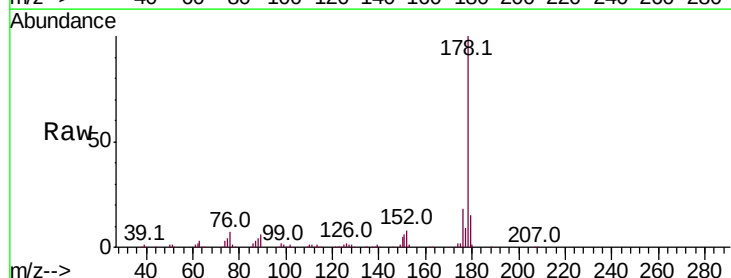
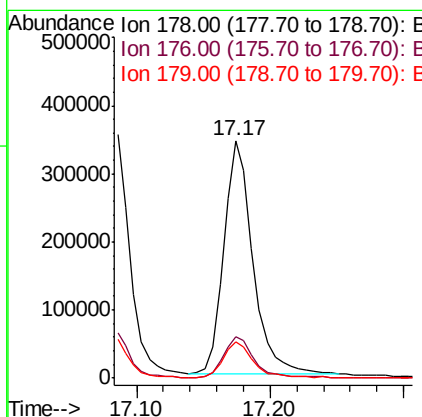
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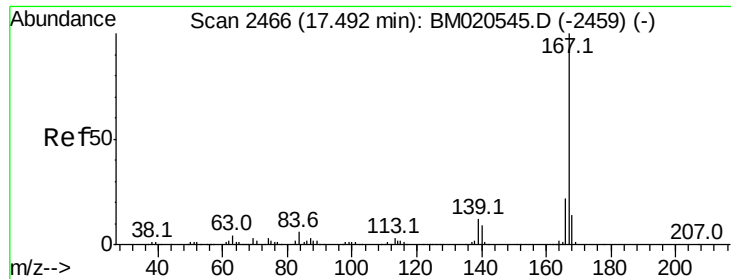


#72  
Anthracene  
Concen: 33.415 ng  
RT: 17.17 min Scan# 2412  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.6  | 14.0  | 21.0  |
| 179     | 15.3  | 12.4  | 18.6  |







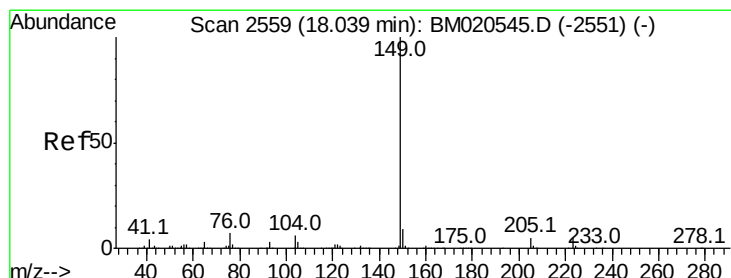
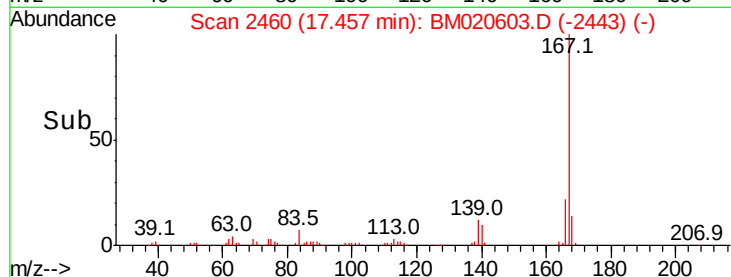
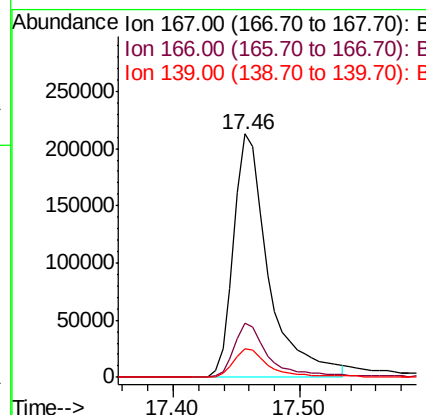
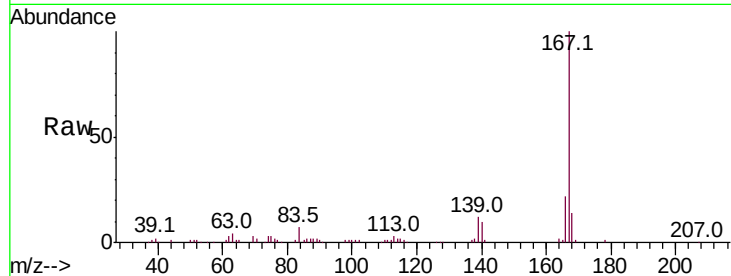
#73  
 Carbazole  
 Concen: 30.583 ng  
 RT: 17.46 min Scan# 2460  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.4  | 26.0  |
| 139     | 11.9  | 9.3   | 13.9  |

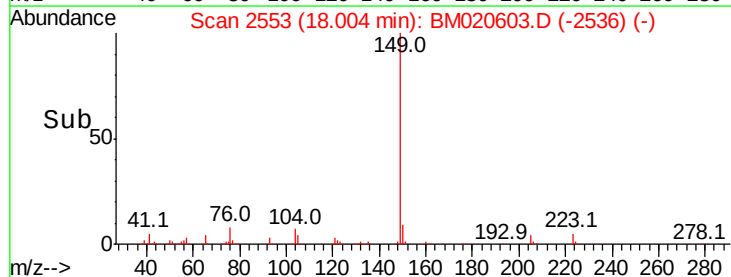
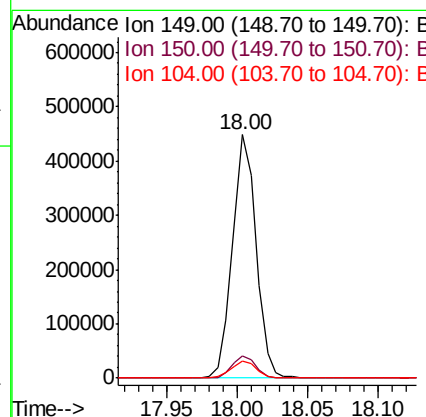
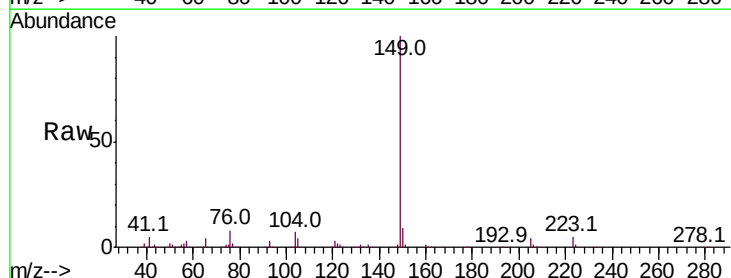
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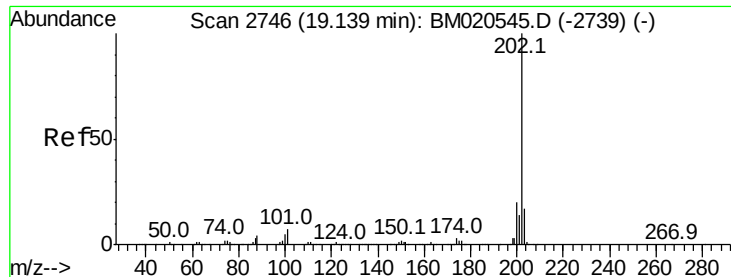
mohammad  
 5/30/2019 8:16:19 AM



#74  
 Di-n-butylphthalate  
 Concen: 31.946 ng  
 RT: 18.00 min Scan# 2553  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.3   | 10.9  |
| 104     | 7.1   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 30.771 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

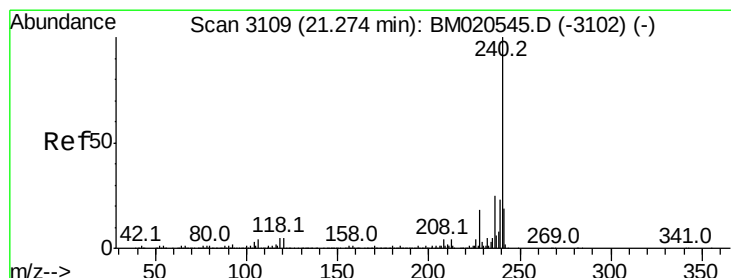
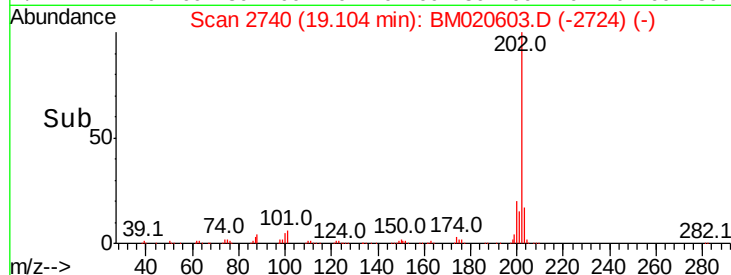
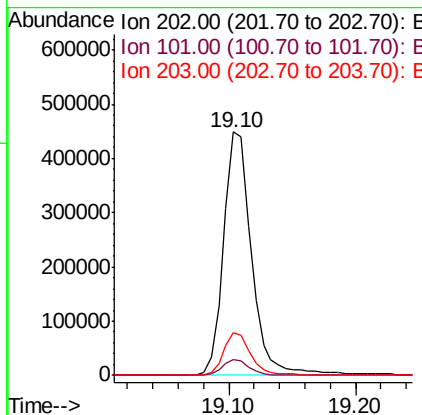
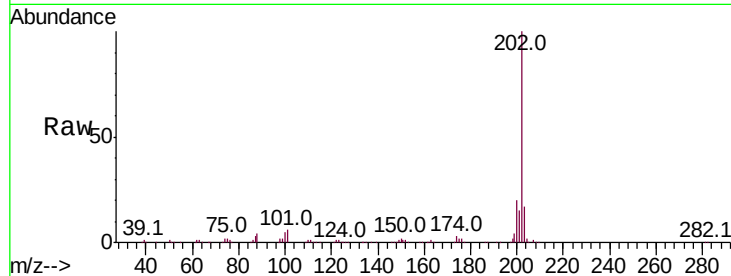
ClientSampleId :

PB120010BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 685667 |       |       |
| 101     | 6.5  | 0.0   | 26.7   |       |       |
| 203     | 17.4 | 0.0   | 37.4   |       |       |

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#76

Chrysene-d12

Concen: 20.000 ng

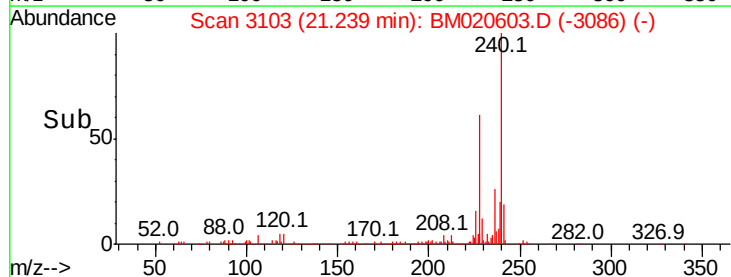
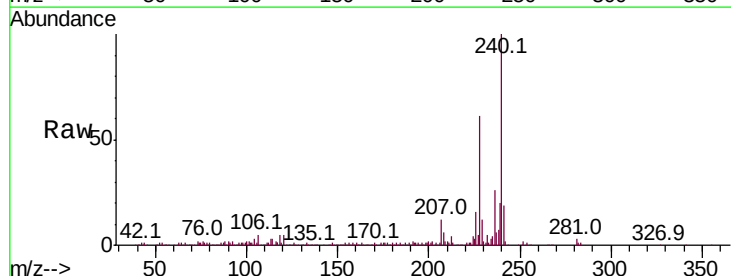
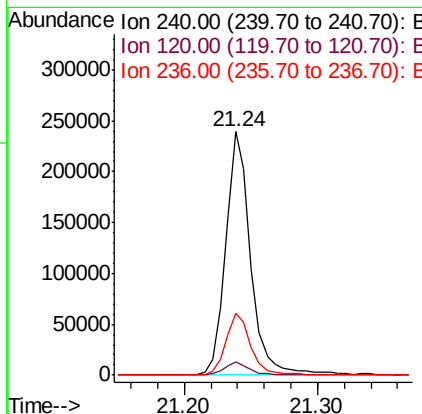
RT: 21.24 min Scan# 3103

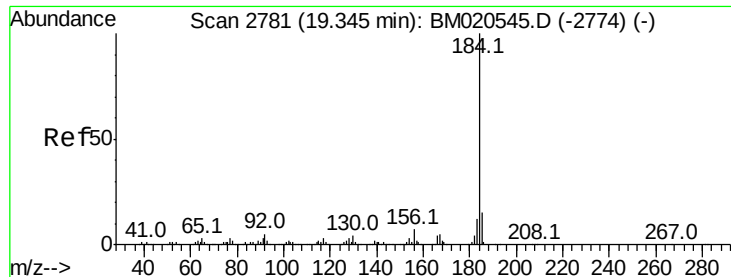
Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 240     | 100  |       | 314083 |       |       |
| 120     | 5.3  | 4.1   | 6.1    |       |       |
| 236     | 25.6 | 20.2  | 30.4   |       |       |





#77

Benzidine

Concen: 83.450 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

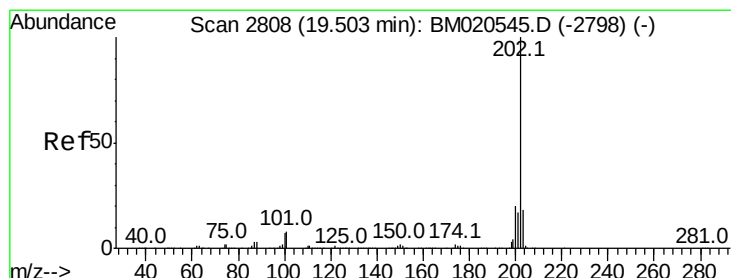
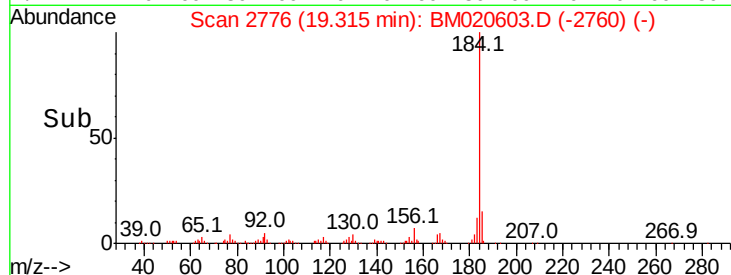
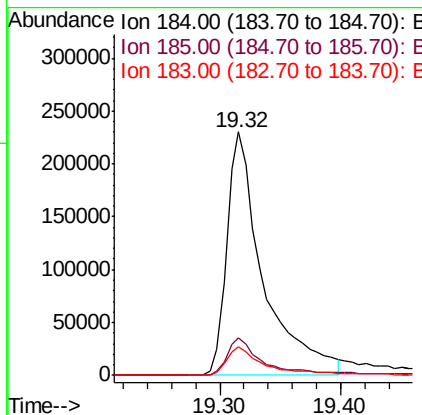
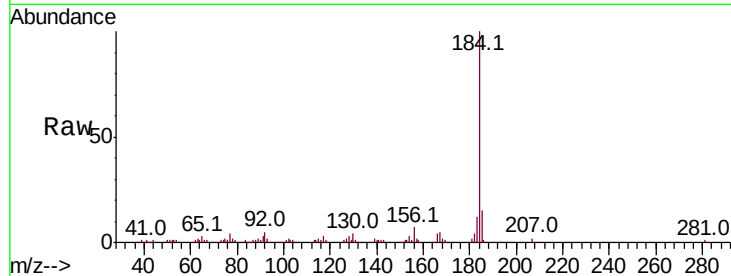
ClientSampleId :

PB120010BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 481680 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.4  | 11.8  | 17.8   |
| 183       | 11.9  | 9.7   | 14.5   |

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#78

Pyrene

Concen: 35.256 ng

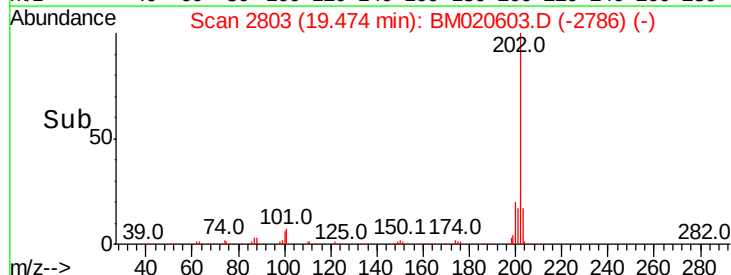
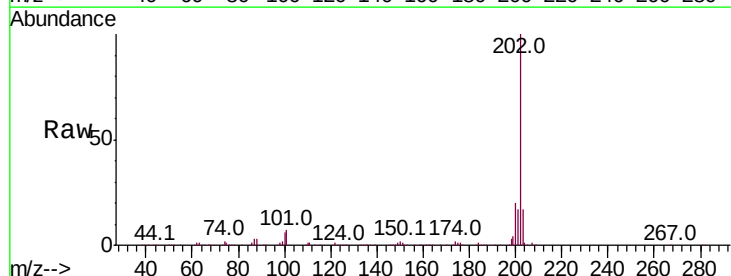
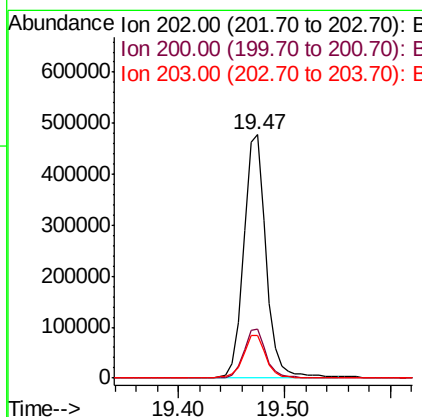
RT: 19.47 min Scan# 2803

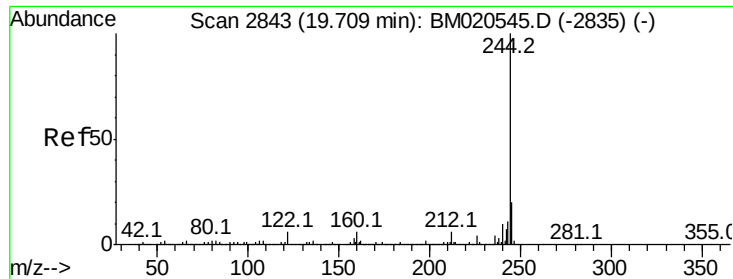
Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 695185 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.3  | 16.0  | 24.0   |
| 203       | 17.3  | 14.1  | 21.1   |





#79

Terphenyl-d14

Concen: 84.236 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

ClientSampled :

PB120010BS

Tot Ion:244 Resp: 1463515

Ion Ratio Lower Upper

244 100

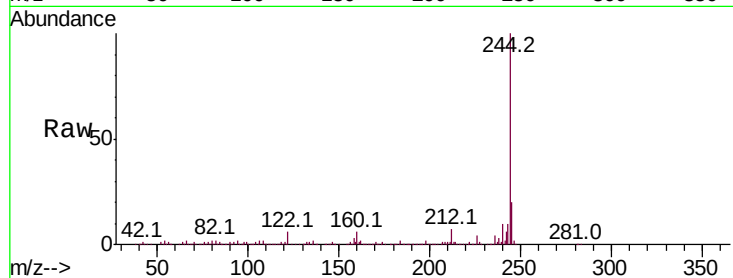
212 6.7 5.0 7.6

122 6.0 4.6 7.0

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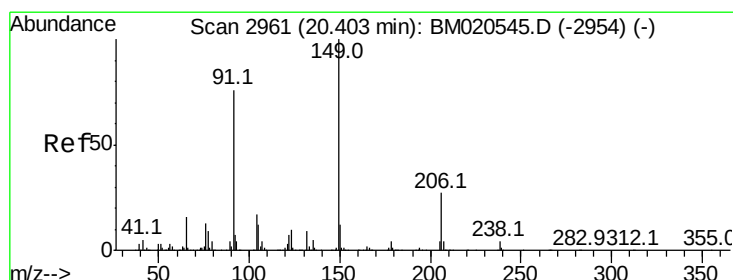
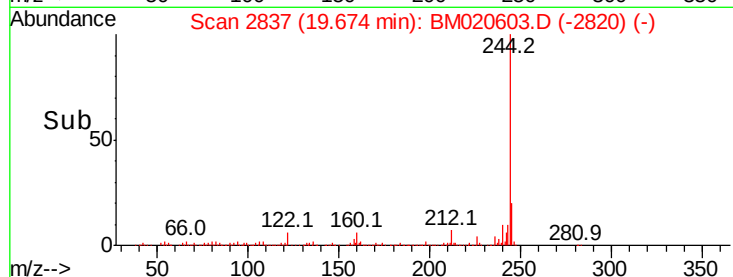
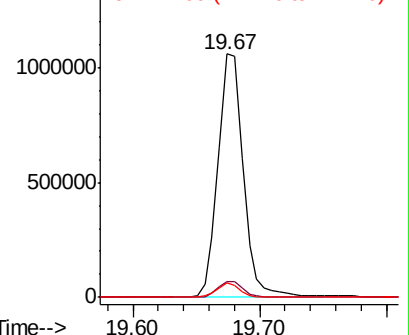
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.475 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

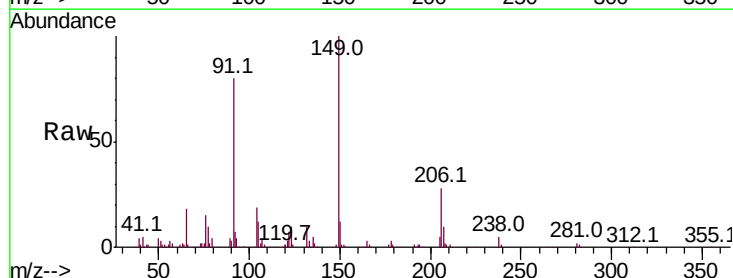
Tgt Ion:149 Resp: 211140

Ion Ratio Lower Upper

149 100

91 79.6 60.9 91.3

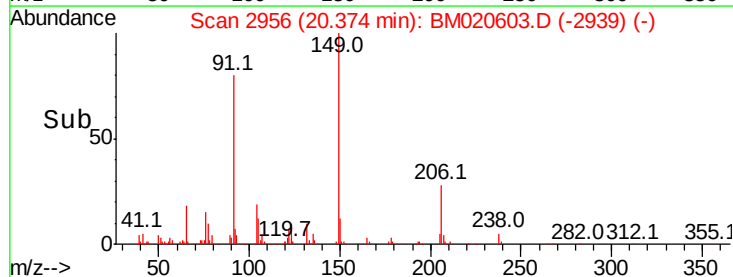
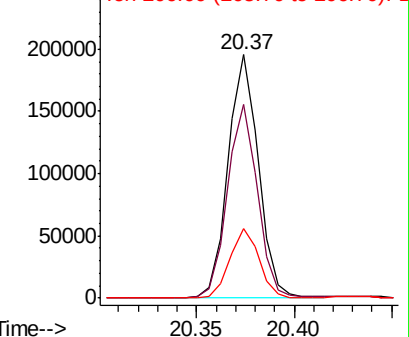
206 28.3 21.6 32.4

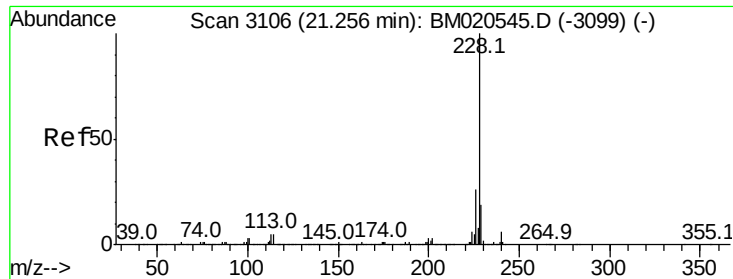


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





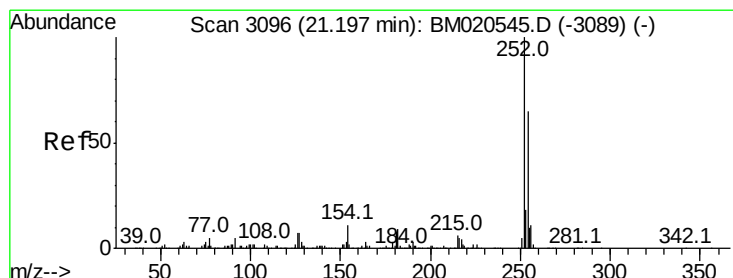
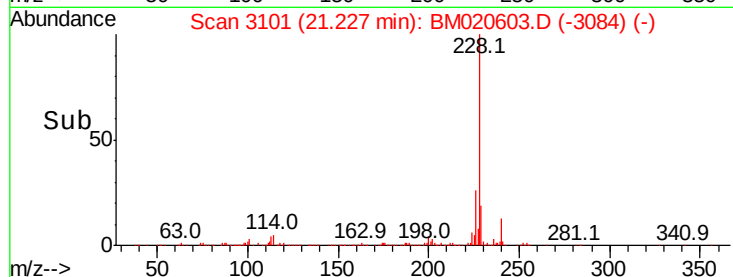
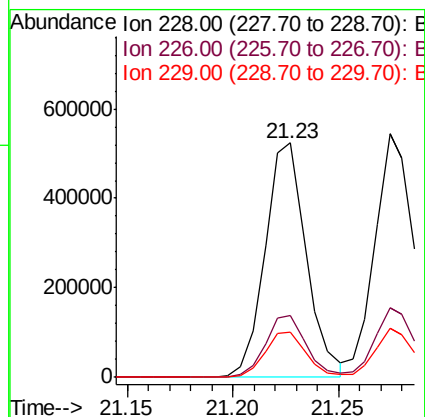
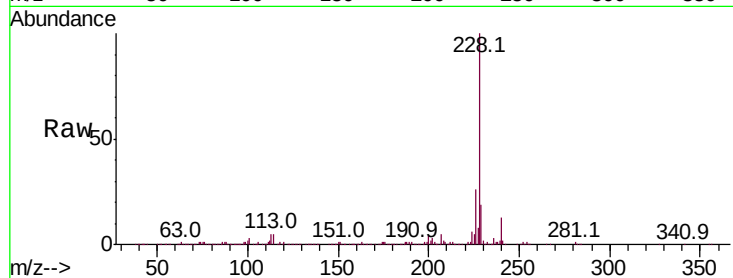
#81  
Benzo(a)anthracene  
Concen: 32.657 ng  
RT: 21.23 min Scan# 3101  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.2  | 20.7  | 31.1  |
| 229     | 19.5  | 15.5  | 23.3  |

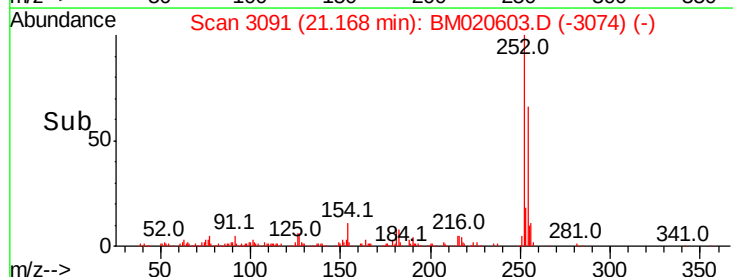
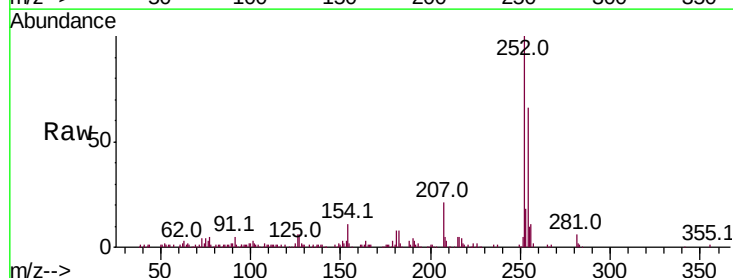
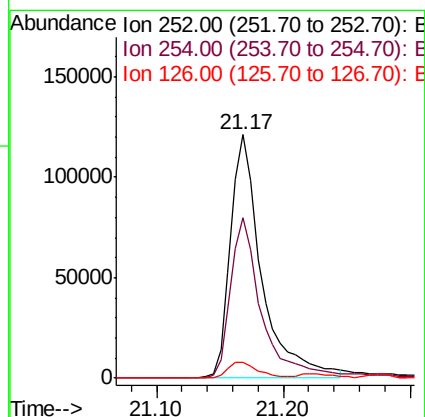
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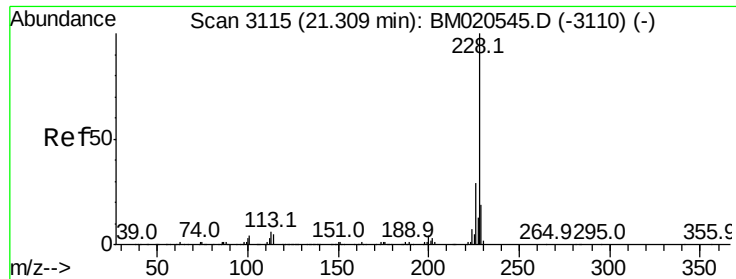
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#82  
3,3'-Dichlorobenzidine  
Concen: 26.049 ng  
RT: 21.17 min Scan# 3091  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.9  | 51.8  | 77.6  |
| 126     | 6.4   | 5.2   | 7.8   |





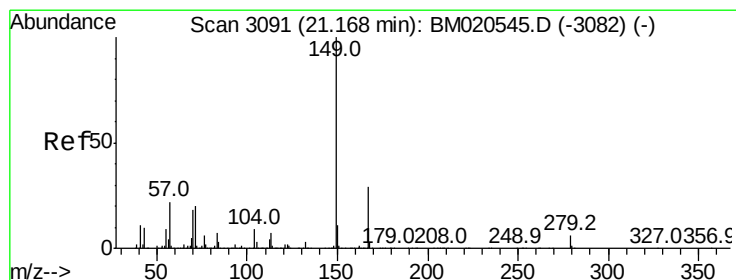
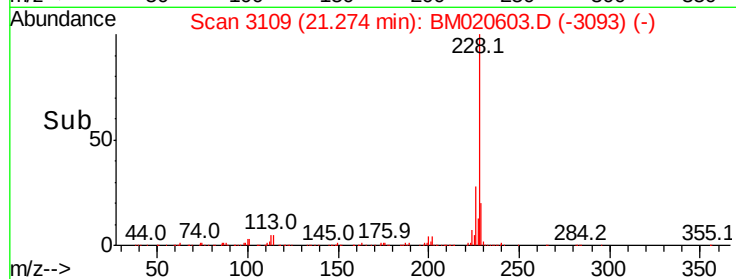
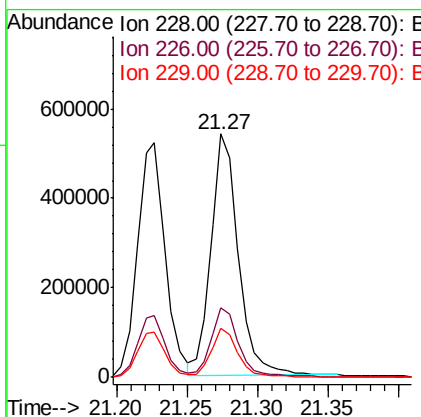
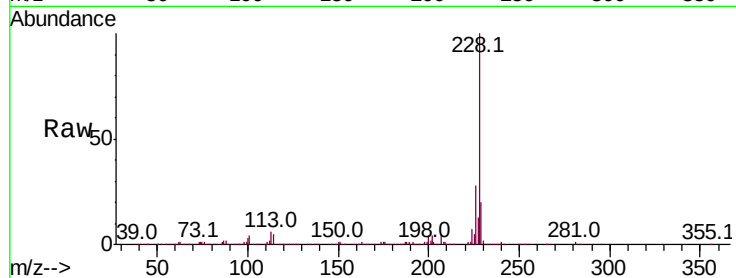
#83  
 Chrysene  
 Concen: 34.879 ng  
 RT: 21.27 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120010BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 732626 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 28.3 | 22.9  | 34.3   |
| 229       | 20.0 | 15.4  | 23.2   |

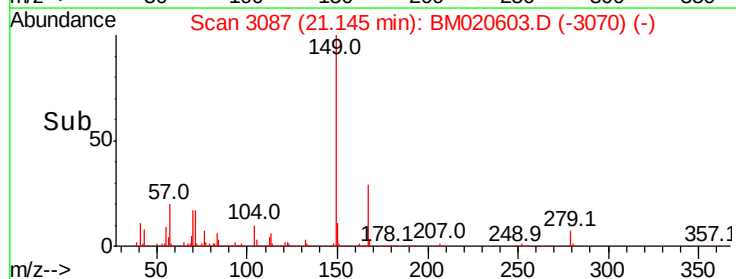
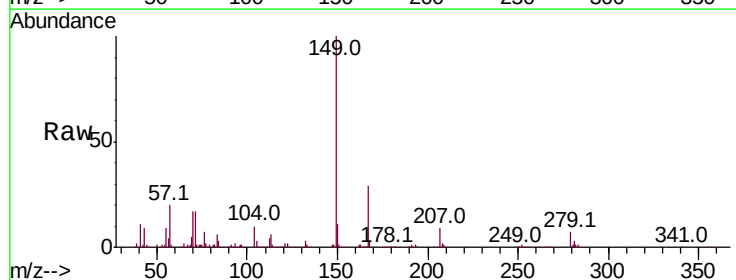
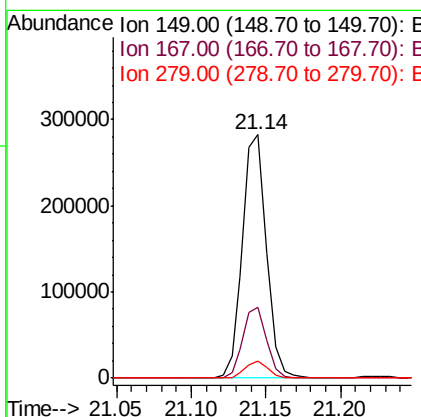
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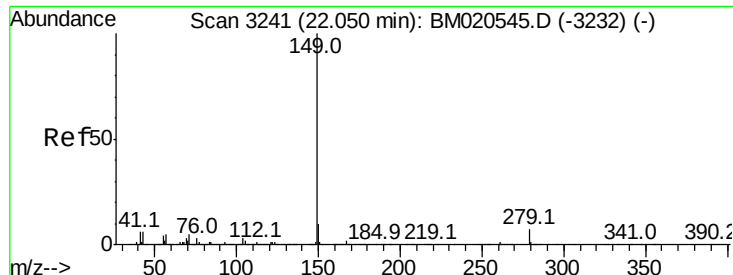
mohammad  
 5/30/2019 8:16:19 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 31.128 ng  
 RT: 21.14 min Scan# 3087  
 Delta R.T. -0.00 min  
 Lab File: BM020603.D  
 Acq: 29 May 2019 17:22

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 314322 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 28.9 | 22.9  | 34.3   |
| 279       | 6.9  | 4.9   | 7.3    |





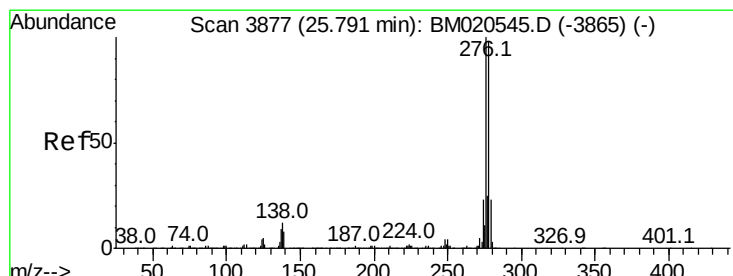
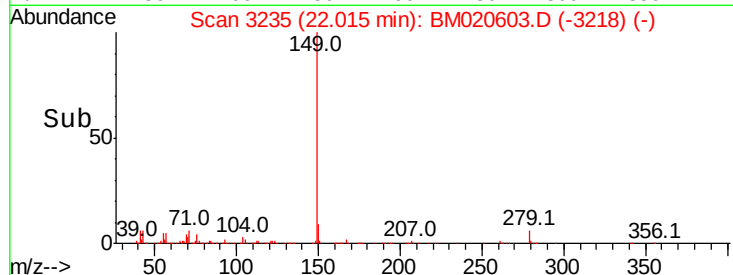
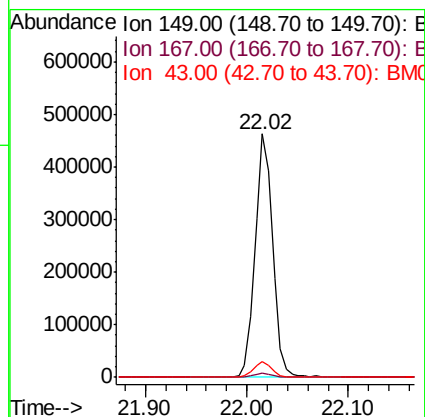
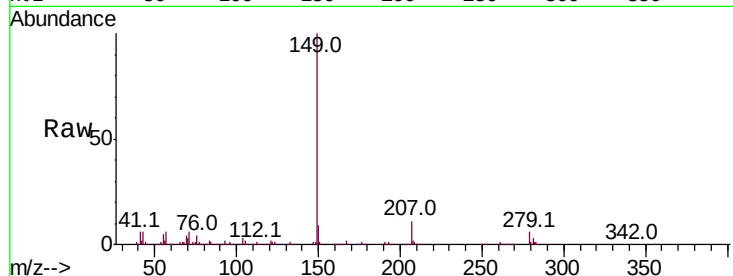
#85  
Di-n-octyl phthalate  
Concen: 31.604 ng  
RT: 22.02 min Scan# 3235  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 554792 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 6.4   | 4.8   | 7.2    |

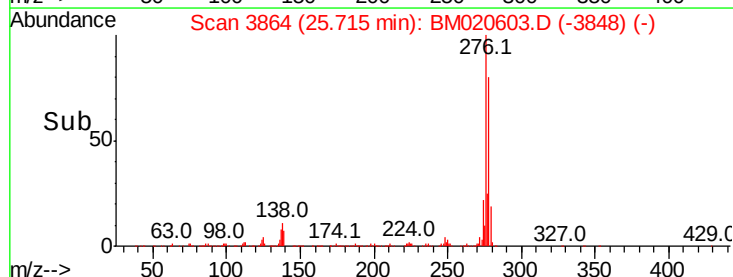
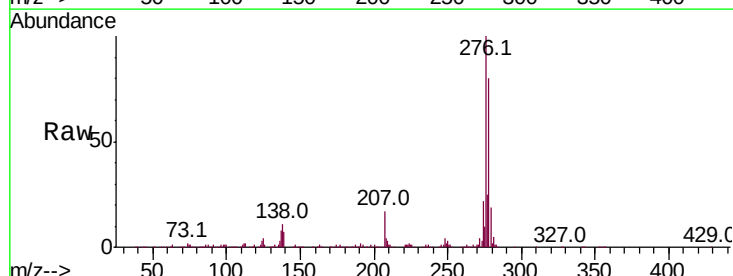
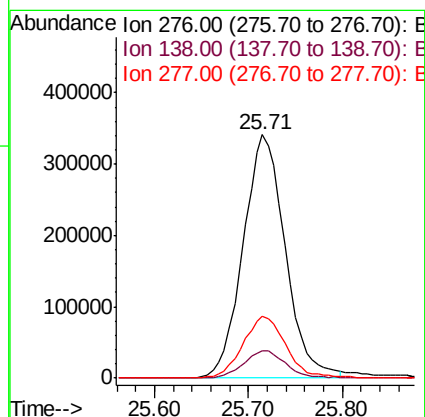
Manual Integrations  
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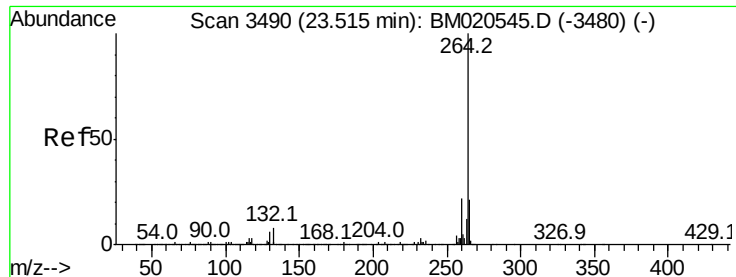
mohammad  
5/30/2019 8:16:19 AM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.805 ng  
RT: 25.71 min Scan# 3864  
Delta R.T. -0.01 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1061725 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 11.1  | 9.7   | 14.5    |
| 277       | 25.5  | 20.4  | 30.6    |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

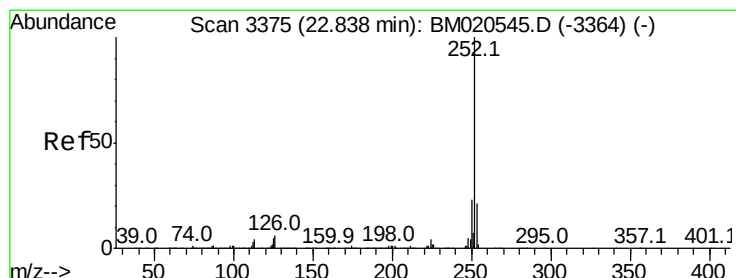
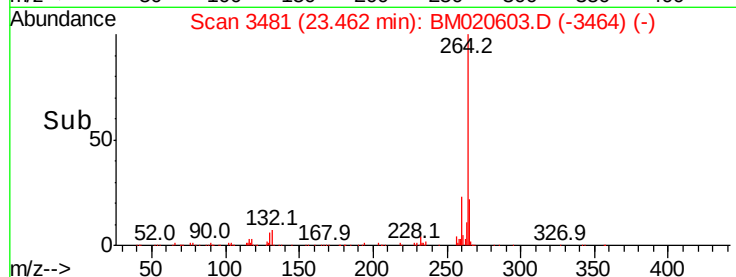
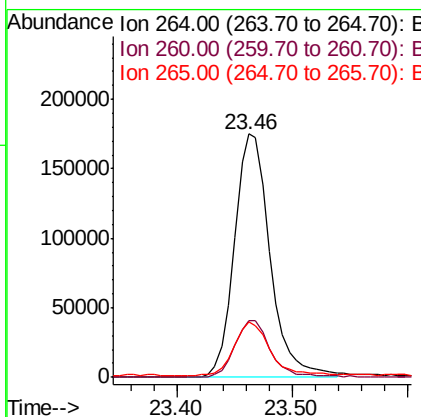
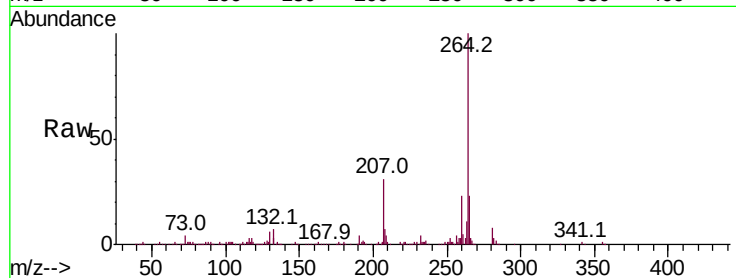
ClientSampleId :

PB120010BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 17.7  | 26.5  |
| 265     | 22.8  | 17.4  | 26.2  |

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#88

Benzo(b)fluoranthene

Concen: 33.063 ng

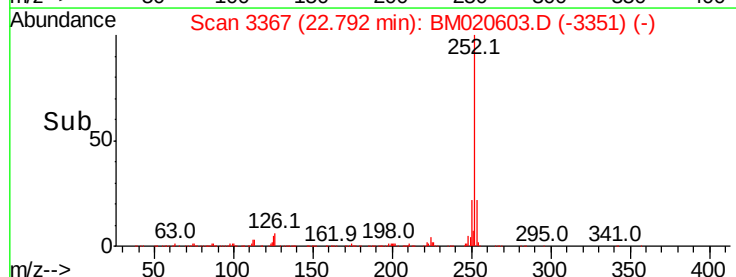
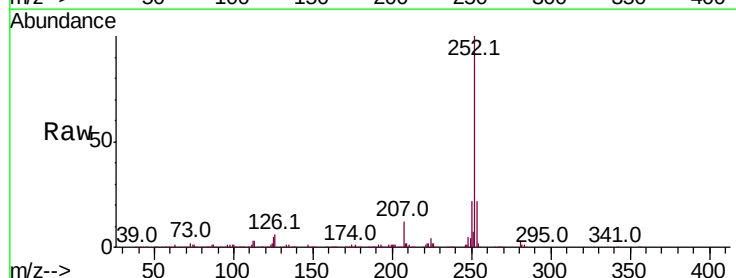
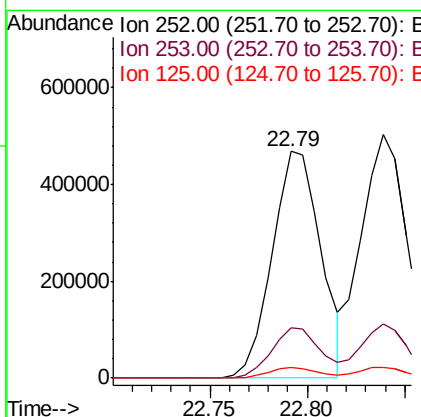
RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

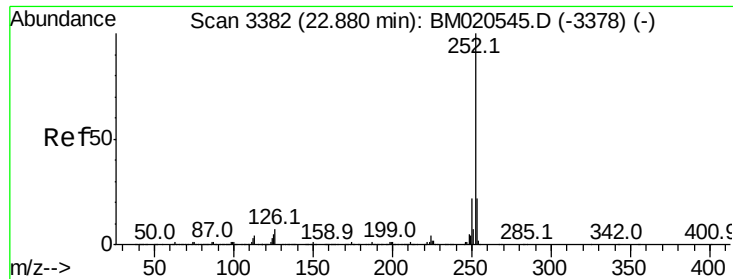
Lab File: BM020603.D

Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.1  | 25.7  |
| 125     | 4.5   | 3.8   | 5.8   |







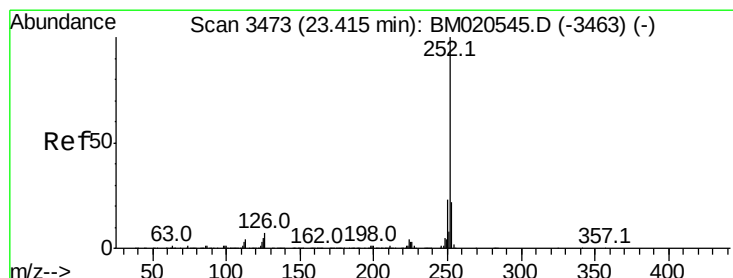
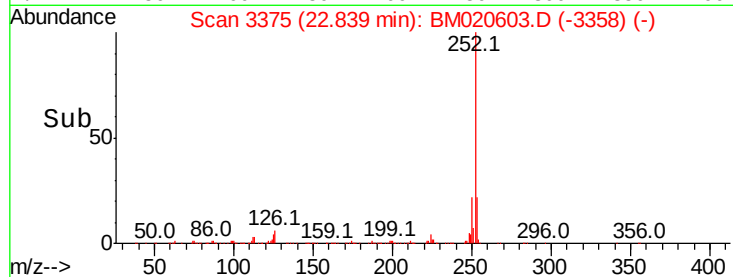
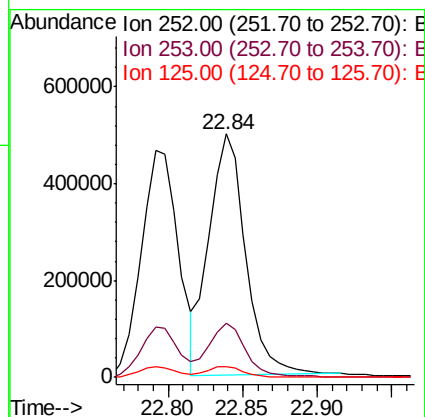
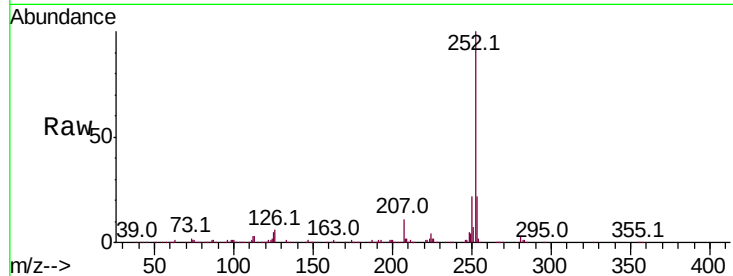
#89  
Benzo(k)fluoranthene  
Concen: 35.751 ng  
RT: 22.84 min Scan# 3375  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB120010BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 22.0  | 17.6       | 26.4  |
| 125     | 4.5   | 4.2        | 6.4   |

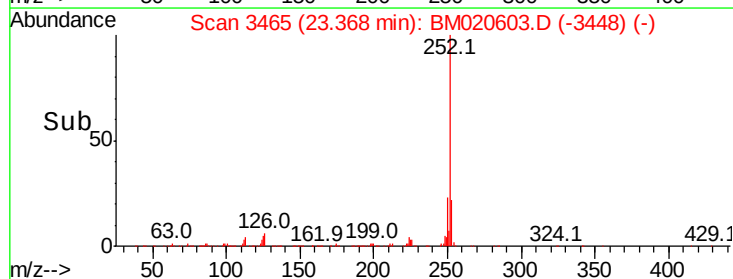
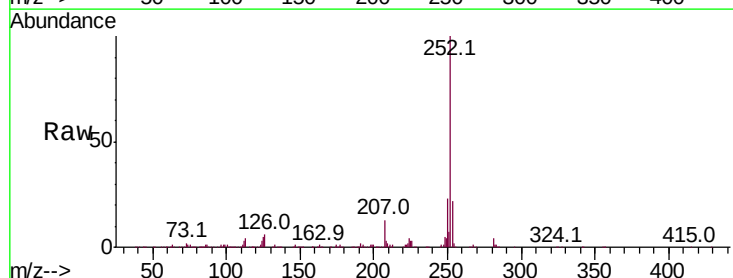
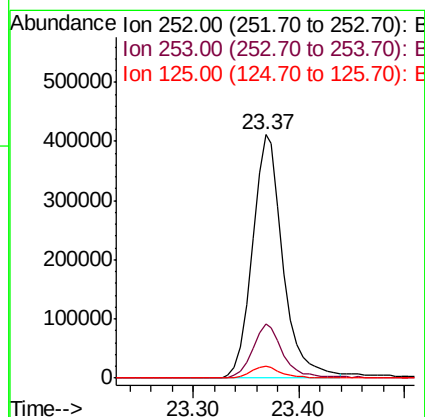
Manual Integrations  
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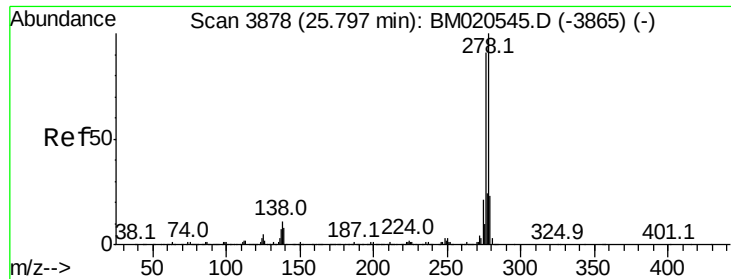
mohammad  
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#90  
Benzo(a)pyrene  
Concen: 36.337 ng  
RT: 23.37 min Scan# 3465  
Delta R.T. -0.00 min  
Lab File: BM020603.D  
Acq: 29 May 2019 17:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 22.4  | 17.4       | 26.2  |
| 125     | 5.1   | 4.2        | 6.4   |





#91

Dibenzo(a,h)anthracene

Concen: 39.012 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

Instrument :

BNA\_M

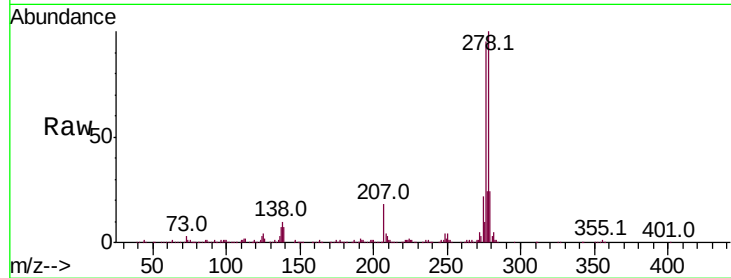
ClientSampleId :

PB120010BS

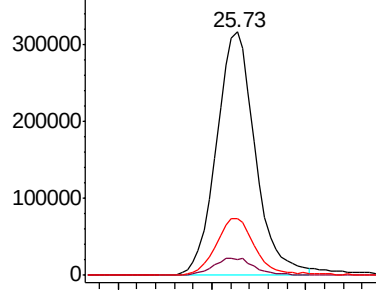
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 902888 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 6.6   | 6.3   | 9.5    |
| 279       | 23.5  | 18.3  | 27.5   |

Manual Integrations  
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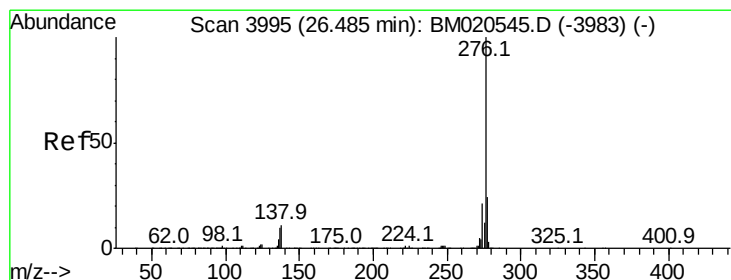
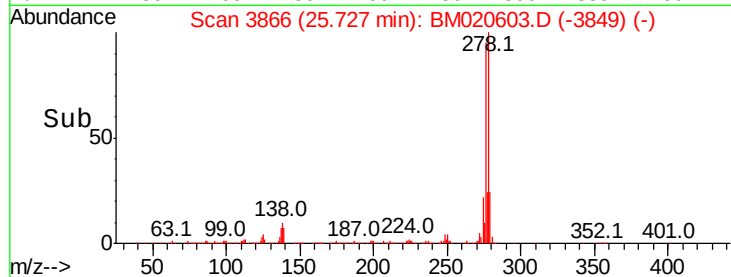
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5/30/2019 8:16:19 AM



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



Time-->



#92

Benzo(g,h,i)perylene

Concen: 41.514 ng

RT: 26.40 min Scan# 3981

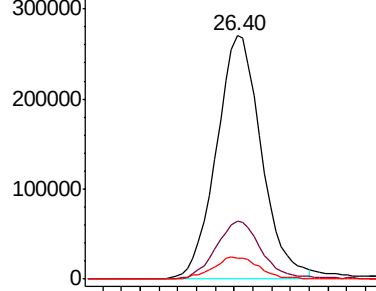
Delta R.T. -0.00 min

Lab File: BM020603.D

Acq: 29 May 2019 17:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 890640 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.7  | 19.1  | 28.7   |
| 138       | 8.7   | 8.6   | 12.8   |

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



Time-->

