

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\  
 Data File : BM024642.D  
 Acq On : 29 Jan 2020 10:13  
 Operator : CG/JU  
 Sample : PB126393BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB126393BS

Manual Integrations  
 APPROVED

mohammad  
 1/30/2020 10:18:41 AM

Quant Time: Jan 30 03:11:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.44  | 152  | 289361   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.20 | 136  | 1059515  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.09 | 164  | 746248   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.84 | 188  | 1635697  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.05 | 240  | 1380959  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.16 | 264  | 1300859  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.09  | 112 | 1391818 | 91.47 | ng | 0.00 |
| 7) Phenol-d6             | 6.65  | 99  | 1735093 | 82.78 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.58  | 82  | 1548466 | 71.67 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.59 | 330 | 1068462 | 88.02 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.70 | 172 | 4410057 | 80.34 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.50 | 244 | 7009762 | 94.76 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.08  | 88  | 240496  | 39.957 | ng | 92     |
| 3) Pyridine                    | 3.45  | 79  | 603710  | 34.600 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.37  | 42  | 276886  | 35.752 | ng | 80     |
| 6) Aniline                     | 6.78  | 93  | 962667  | 37.728 | ng | 96     |
| 8) 2-Chlorophenol              | 7.02  | 128 | 860825  | 49.699 | ng | 93     |
| 9) Benzaldehyde                | 6.59  | 77  | 385086  | 31.093 | ng | 96     |
| 10) Phenol                     | 6.67  | 94  | 963188  | 46.100 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.89  | 93  | 713463  | 42.655 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.33  | 146 | 961561  | 45.189 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.47  | 146 | 980434  | 45.417 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.79  | 146 | 926305  | 44.454 | ng | 97     |
| 15) Benzyl Alcohol             | 7.69  | 79  | 698254  | 40.405 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.98  | 45  | 522245  | 34.106 | ng | 95     |
| 17) 2-Methylphenol             | 7.90  | 107 | 679057  | 46.120 | ng | 95     |
| 18) Hexachloroethane           | 8.50  | 117 | 341263  | 40.939 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.25  | 70  | 557371  | 35.417 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.22  | 107 | 907243  | 44.513 | ng | 95     |
| 22) Acetophenone               | 8.26  | 105 | 1143291 | 41.848 | ng | 96     |
| 24) Nitrobenzene               | 8.62  | 77  | 874440  | 42.236 | ng | 95     |
| 25) Isophorone                 | 9.16  | 82  | 1534506 | 41.802 | ng | 96     |
| 26) 2-Nitrophenol              | 9.33  | 139 | 486969  | 50.797 | ng | 88     |
| 27) 2,4-Dimethylphenol         | 9.41  | 122 | 767768  | 58.935 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 9.64  | 93  | 963652  | 42.972 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.86  | 162 | 943722  | 53.619 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.07 | 180 | 1040652 | 49.025 | ng | 99     |
| 31) Naphthalene                | 10.25 | 128 | 2505306 | 46.817 | ng | 100    |
| 32) Benzoic acid               | 9.59  | 122 | 528778m | 44.372 | ng |        |
| 33) 4-Chloroaniline            | 10.36 | 127 | 477927  | 20.375 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.55 | 225 | 691957  | 47.156 | ng | 98     |
| 35) Caprolactam                | 11.15 | 113 | 249611m | 44.205 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.51 | 107 | 850573  | 45.448 | ng | 90     |
| 37) 2-Methylnaphthalene        | 11.87 | 142 | 1960609 | 47.476 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.10 | 142 | 1857601 | 47.288 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.26 | 216 | 1224844 | 45.989 | ng | 100    |

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Manual Integrations  
 APPROVED

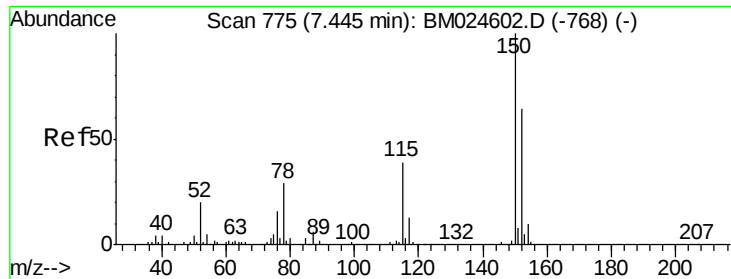
mohammad  
 1/30/2020 10:18:41 AM

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.25 | 237  | 1863408  | 124.821 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.50 | 196  | 833157   | 49.158  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.58 | 196  | 890502   | 51.447  | nq    | 95       |
| 46) 1,1'-Biphenyl              | 12.92 | 154  | 2593695  | 45.927  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 12.95 | 162  | 2074373  | 45.499  | nq    | 97       |
| 48) 2-Nitroaniline             | 13.16 | 65   | 492459   | 35.415  | nq    | 91       |
| 49) Acenaphthylene             | 13.81 | 152  | 3245890  | 47.558  | nq    | 99       |
| 50) Dimethylphthalate          | 13.57 | 163  | 2667450  | 44.205  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.67 | 165  | 600354   | 46.795  | nq #  | 84       |
| 52) Acenaphthene               | 14.16 | 154  | 1916425  | 45.250  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.00 | 138  | 385510   | 28.972  | nq    | 90       |
| 54) 2,4-Dinitrophenol          | 14.21 | 184  | 698247   | 91.013  | nq #  | 88       |
| 55) Dibenzofuran               | 14.50 | 168  | 3209983  | 46.474  | nq    | 96       |
| 56) 4-Nitrophenol              | 14.34 | 139  | 950457   | 91.377  | nq #  | 84       |
| 57) 2,4-Dinitrotoluene         | 14.47 | 165  | 819909   | 44.592  | nq #  | 86       |
| 58) Fluorene                   | 15.15 | 166  | 2589591  | 44.613  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.73 | 232  | 838893   | 47.792  | nq #  | 95       |
| 60) Diethylphthalate           | 14.95 | 149  | 2568559  | 41.927  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.15 | 204  | 1490968  | 44.553  | nq    | 99       |
| 62) 4-Nitroaniline             | 15.17 | 138  | 535242   | 36.441  | nq    | 88       |
| 63) Azobenzene                 | 15.44 | 77   | 2026212  | 38.775  | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.24 | 198  | 489327   | 50.879  | nq    | 85       |
| 66) n-Nitrosodiphenylamine     | 15.37 | 169  | 2284842  | 48.629  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.04 | 248  | 976622   | 48.012  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.16 | 284  | 1130598  | 48.435  | nq    | 96       |
| 69) Atrazine                   | 16.34 | 200  | 888814   | 49.282  | nq    | 99       |
| 70) Pentachlorophenol          | 16.50 | 266  | 1390557  | 97.800  | nq    | 100      |
| 71) Phenanthrene               | 16.89 | 178  | 4084380  | 46.112  | nq    | 99       |
| 72) Anthracene                 | 16.97 | 178  | 4158355  | 47.980  | nq    | 100      |
| 73) Carbazole                  | 17.25 | 167  | 3508347  | 44.467  | nq    | 99       |
| 74) Di-n-butylphthalate        | 17.84 | 149  | 4237315  | 42.010  | nq    | 99       |
| 75) Fluoranthene               | 18.91 | 202  | 4785910  | 43.291  | nq    | 99       |
| 77) Benzidine                  | 19.10 | 184  | 2843708  | 88.422  | nq    | 99       |
| 78) Pyrene                     | 19.27 | 202  | 4829134  | 53.045  | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.21 | 149  | 1711233  | 44.796  | nq    | 94       |
| 81) Benzo(a)anthracene         | 21.03 | 228  | 4485692  | 46.801  | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 20.97 | 252  | 1200952  | 34.832  | nq    | 99       |
| 83) Chrysene                   | 21.09 | 228  | 4199579  | 45.918  | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.01 | 149  | 2435631  | 43.211  | nq #  | 96       |
| 85) Di-n-octyl phthalate       | 21.86 | 149  | 3850704  | 41.351  | nq #  | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.23 | 276  | 4047183  | 40.601  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 22.54 | 252  | 4120047  | 48.833  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 22.58 | 252  | 3837662  | 46.600  | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.07 | 252  | 3494348  | 45.554  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.24 | 278  | 3429562  | 47.105  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.85 | 276  | 3344868  | 50.596  | nq    | 98       |

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





#1

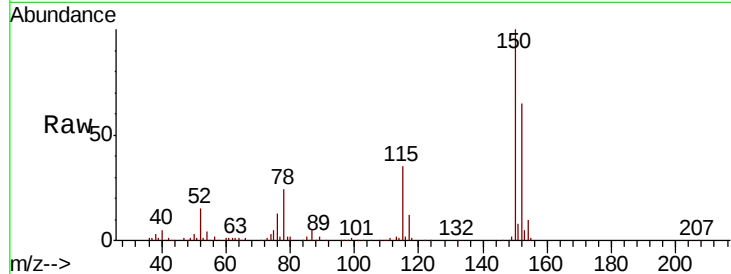
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.44 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.4 | 124.2 | 186.4 |
| 115     | 54.1  | 48.6  | 72.8  |

Manual Integrations  
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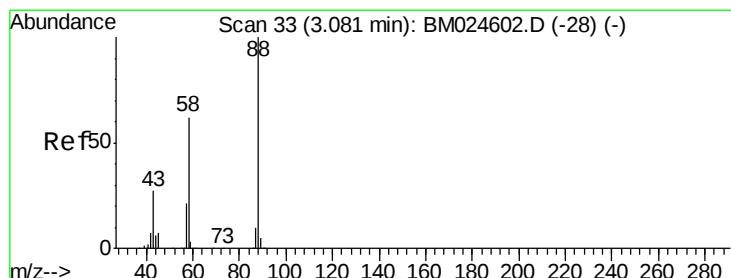
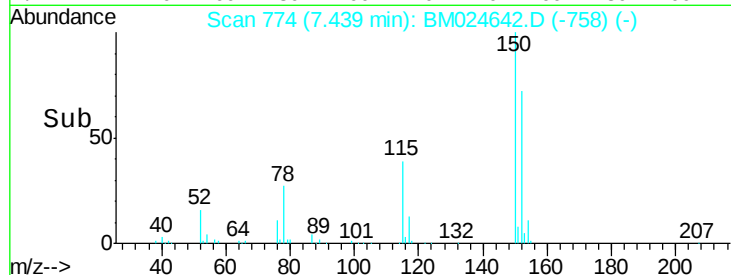
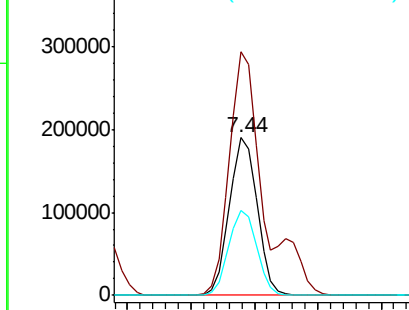


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

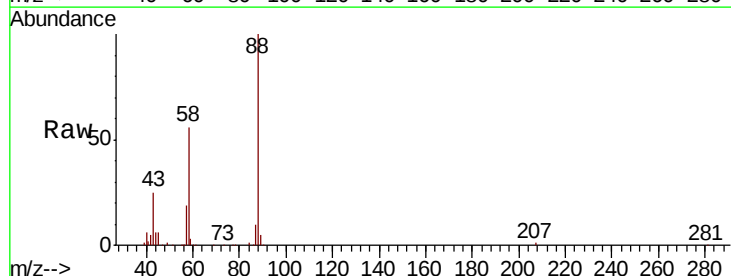
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 39.957 ng  
RT: 3.08 min Scan# 33  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 55.8  | 50.0  | 75.0  |
| 43      | 23.2  | 21.6  | 32.4  |

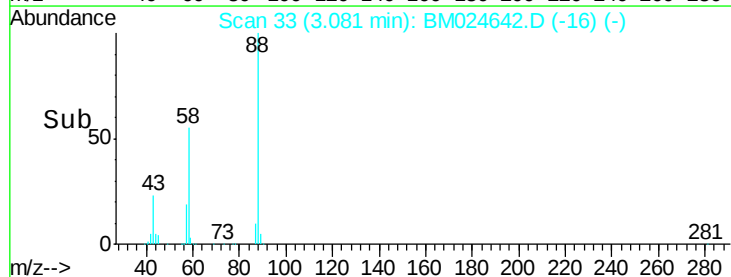
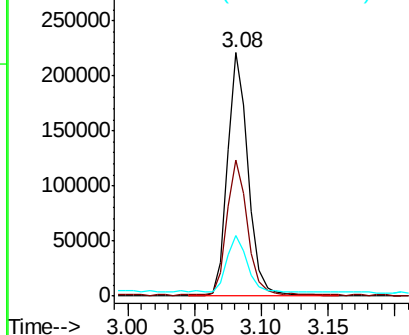


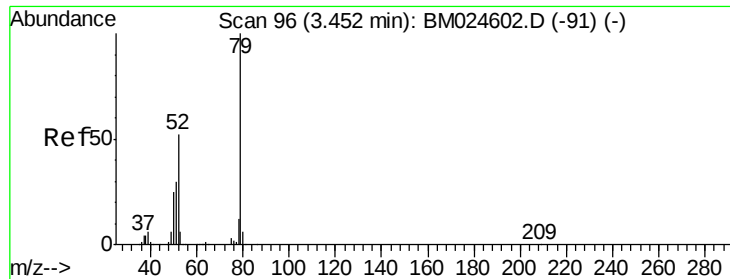
Abundance

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





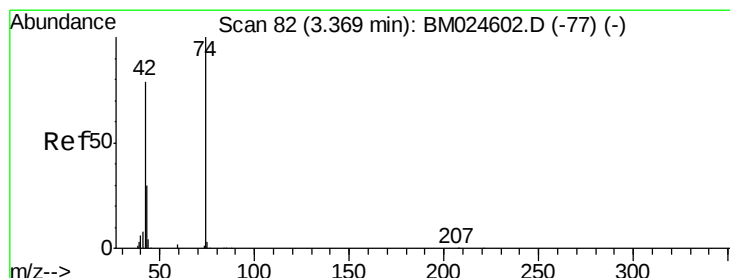
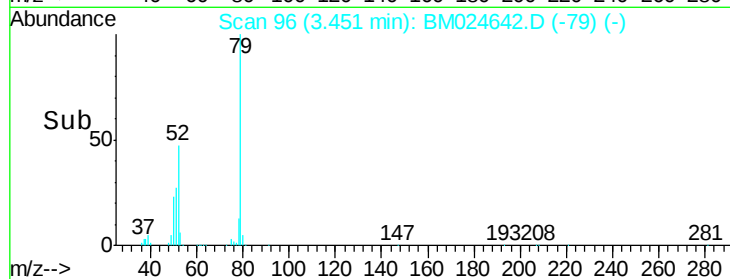
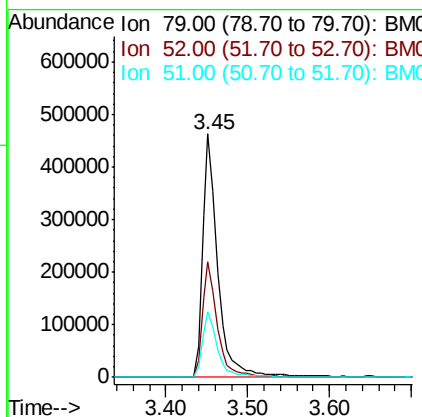
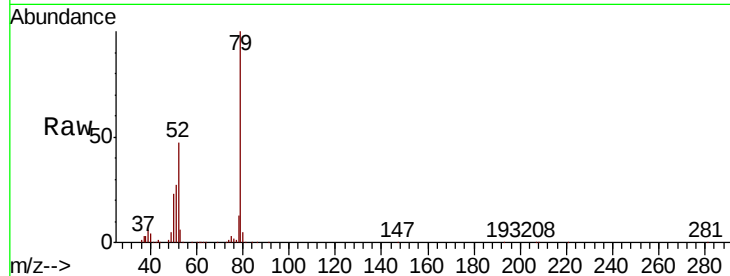
#3  
 Pvridine  
 Concen: 34.600 ng  
 RT: 3.45 min Scan# 96  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 47.4  | 41.4  | 62.2  |
| 51      | 27.0  | 23.8  | 35.8  |

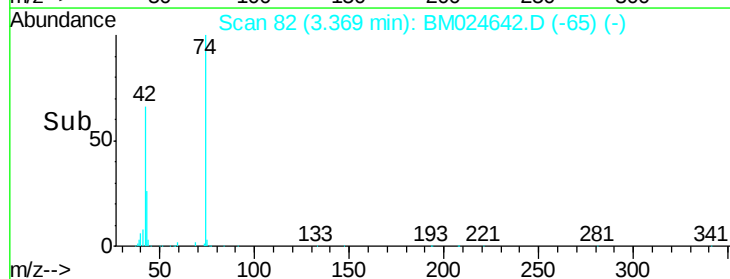
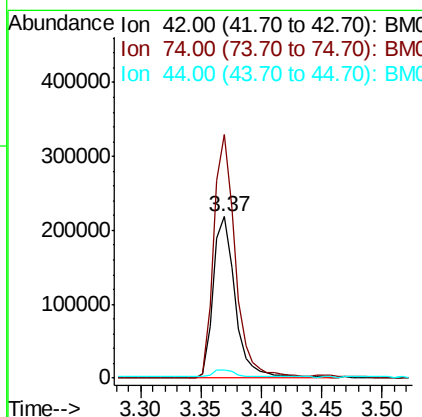
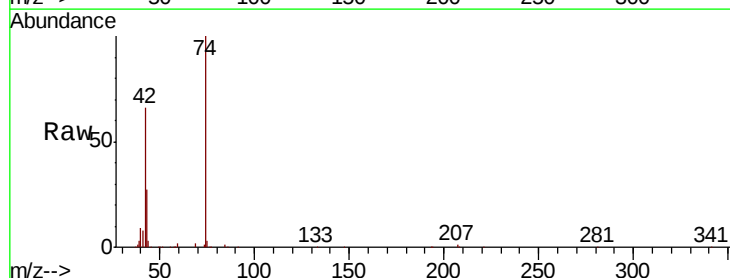
Manual Integrations  
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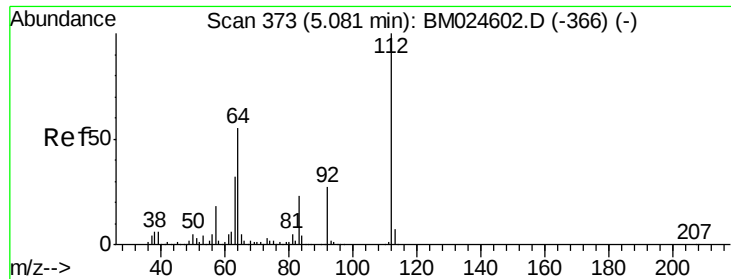
mohammad  
 1/30/2020 10:18:41 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 35.752 ng  
 RT: 3.37 min Scan# 82  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 150.6 | 101.4 | 152.2 |
| 44      | 5.3   | 4.6   | 6.8   |





#5

2-Fluorophenol

Concen: 91.474 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampled :

PB126393BS

Tot Ion:112 Resp: 1391818

Ion Ratio Lower Upper

112 100

64 48.8 44.2 66.4

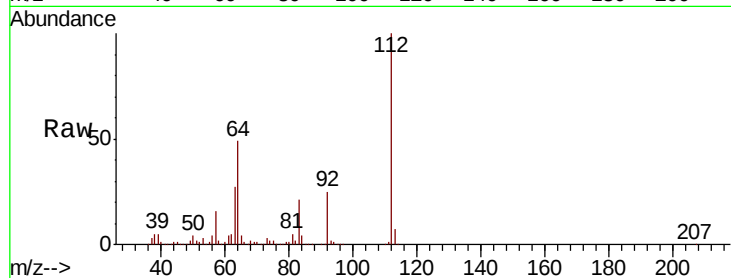
63 27.2 25.9 38.9

Manual Integrations

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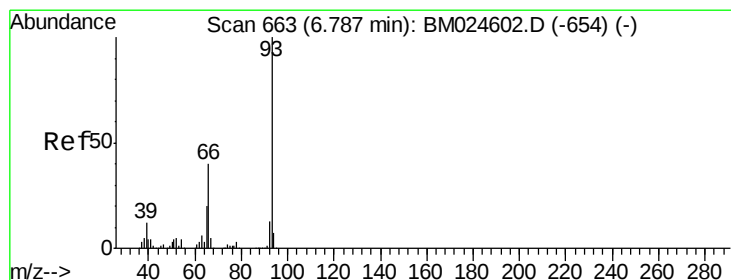
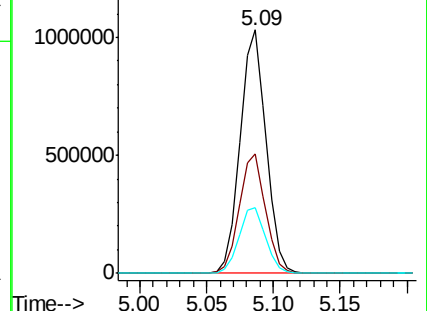
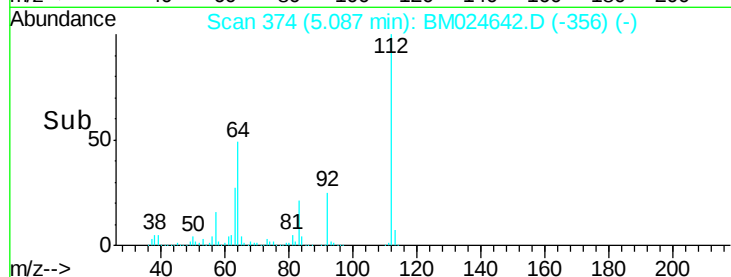
1/30/2020 10:18:41 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 37.728 ng

RT: 6.78 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

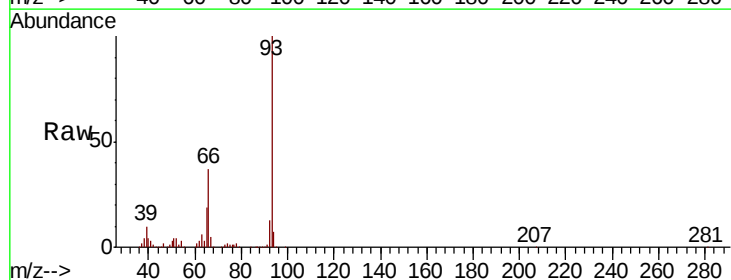
Tgt Ion: 93 Resp: 962667

Ion Ratio Lower Upper

93 100

66 36.9 31.8 47.8

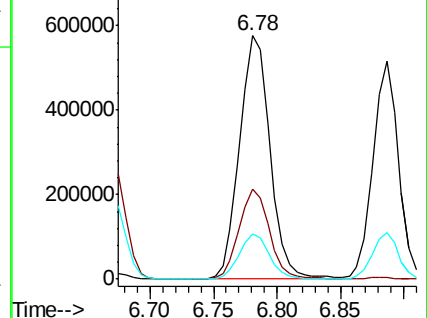
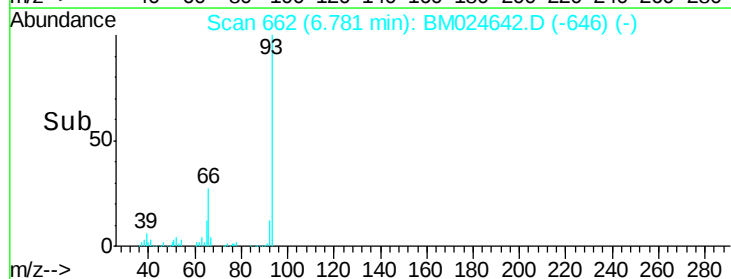
65 18.6 15.8 23.6

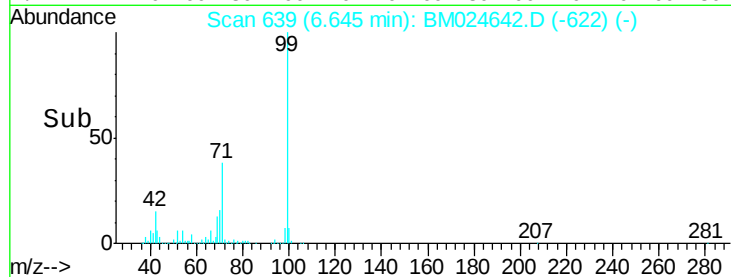
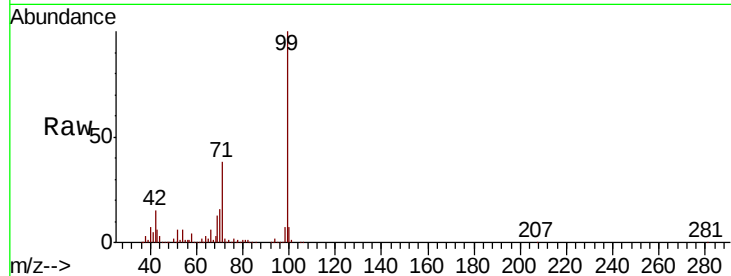
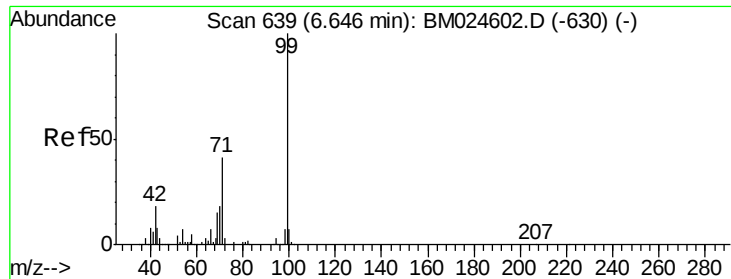


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 82.780 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Tot Ion: 99 Resp: 1735093

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 37.6 33.0 49.6

Instrument :

BNA\_M

ClientSampled :

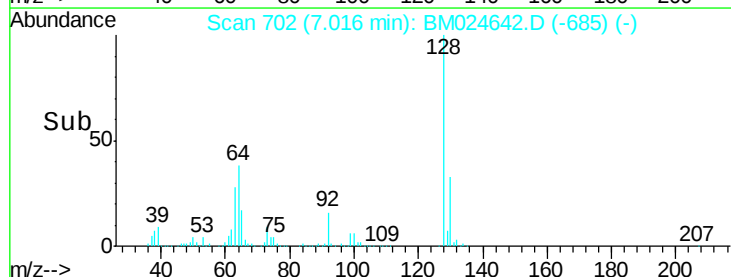
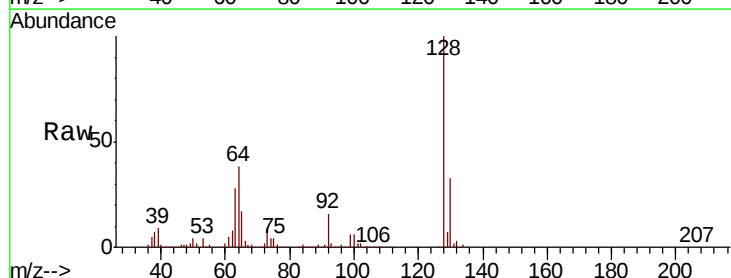
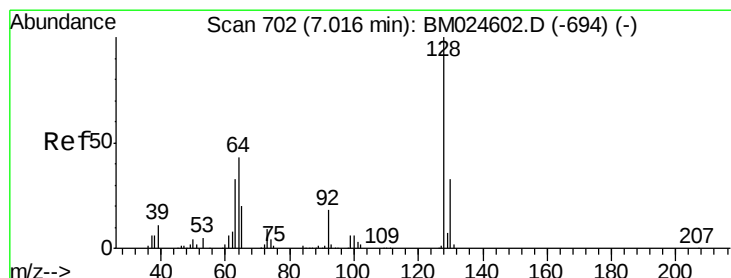
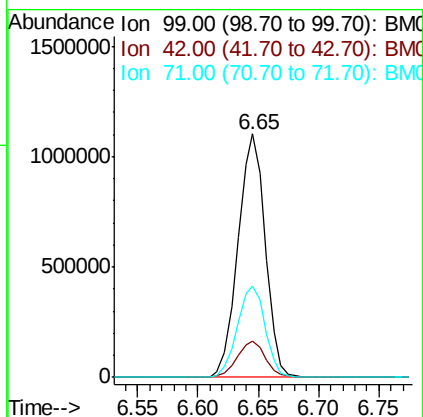
PB126393BS

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#8

2-Chlorophenol

Concen: 49.699 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

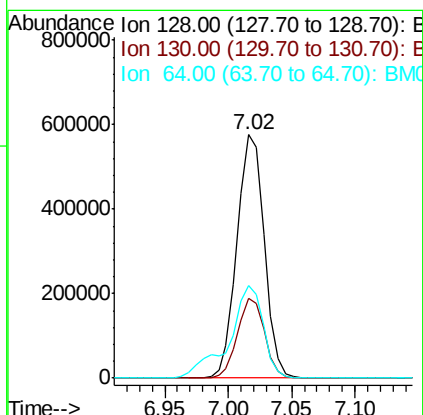
Tgt Ion: 128 Resp: 860825

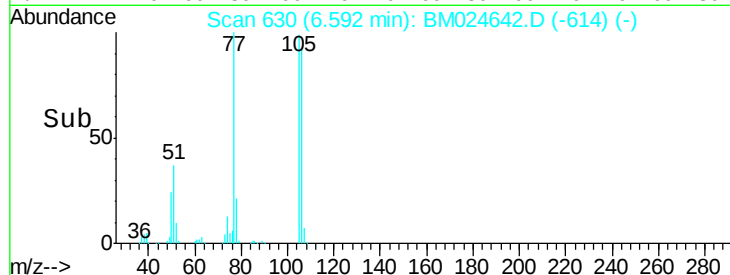
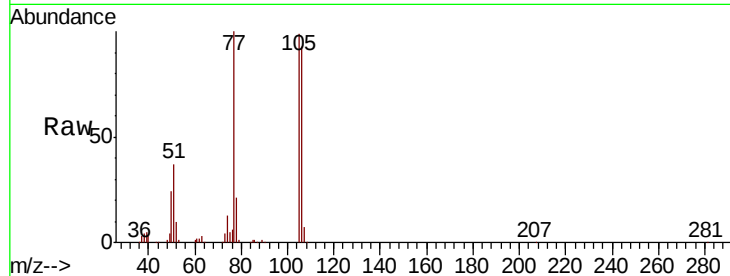
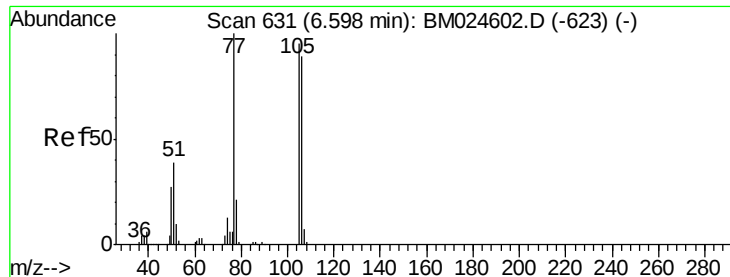
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 38.2 26.1 66.1





#9

Benzaldehyde

Concen: 31.093 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 385086 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 99.5  | 75.2  | 115.2  |
| 106      | 92.7  | 68.6  | 108.6  |

Instrument :

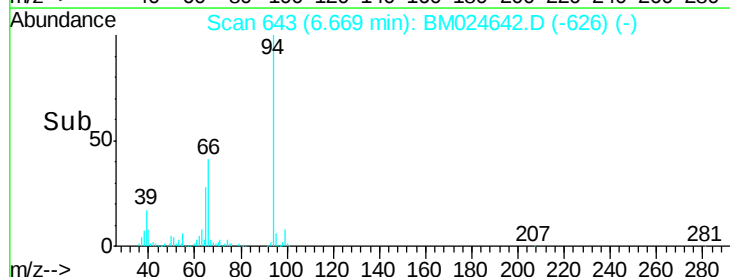
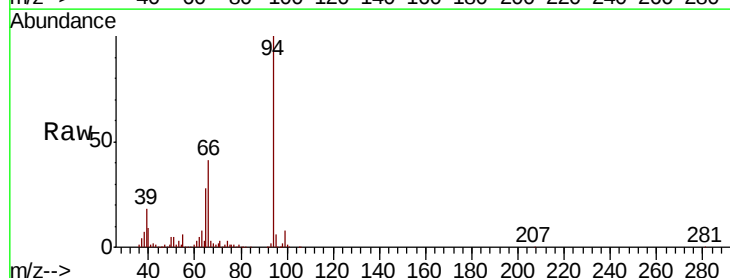
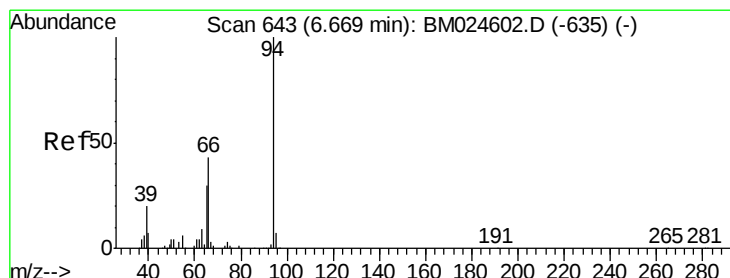
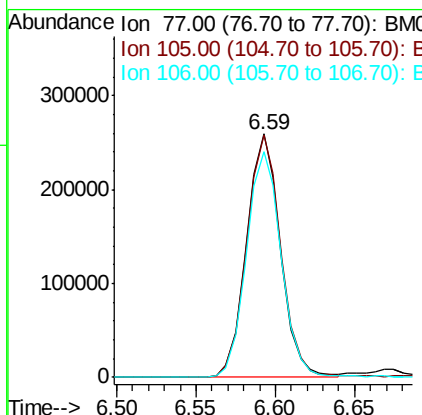
BNA\_M

ClientSampleId :

PB126393BS

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#10

Phenol

Concen: 46.100 ng

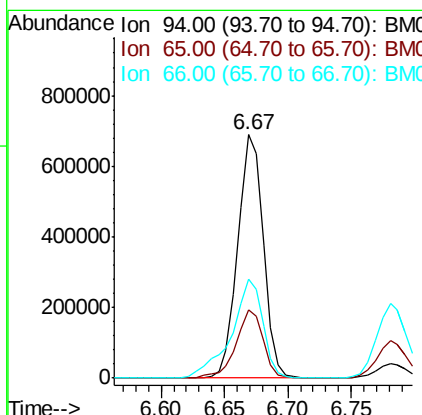
RT: 6.67 min Scan# 643

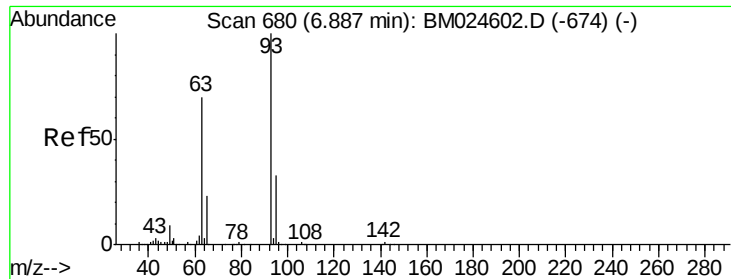
Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 963188 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.2  | 10.3  | 50.3   |
| 66       | 40.8  | 24.8  | 64.8   |





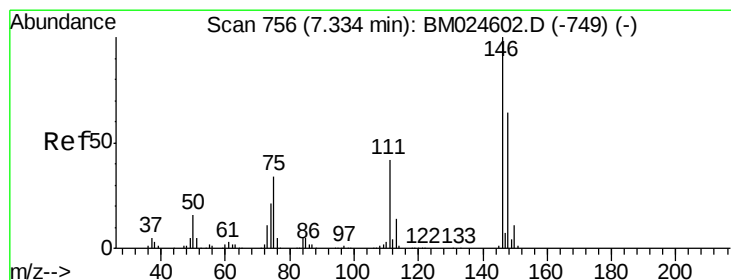
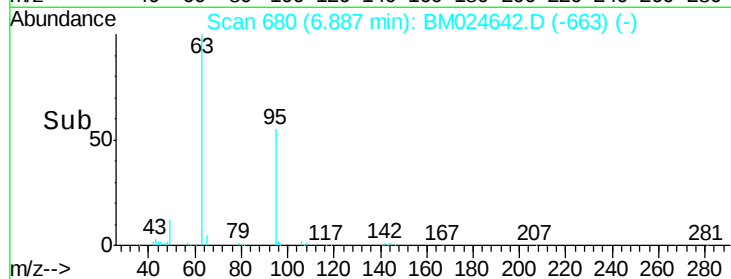
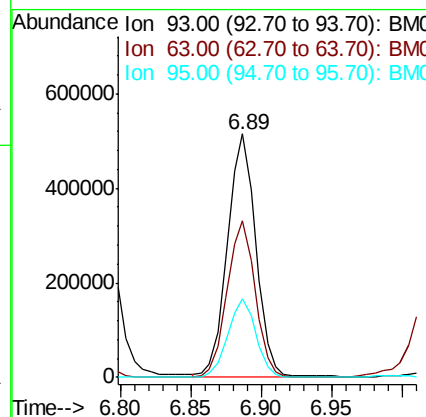
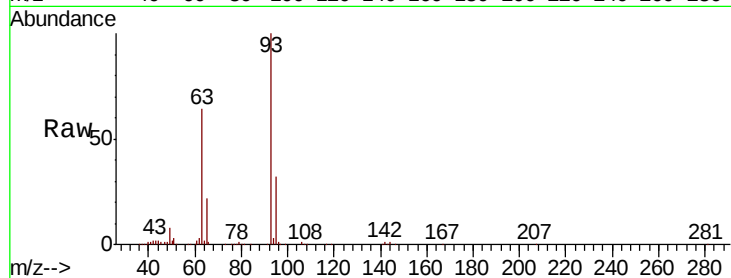
#11  
bis(2-Chloroethyl)ether  
Concen: 42.655 ng  
RT: 6.89 min Scan# 680  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 64.3  | 49.6  | 89.6  |
| 95      | 32.5  | 12.6  | 52.6  |

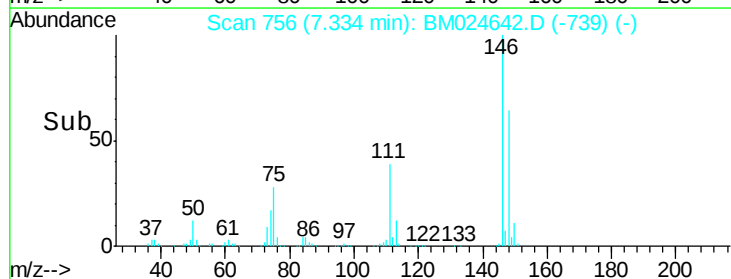
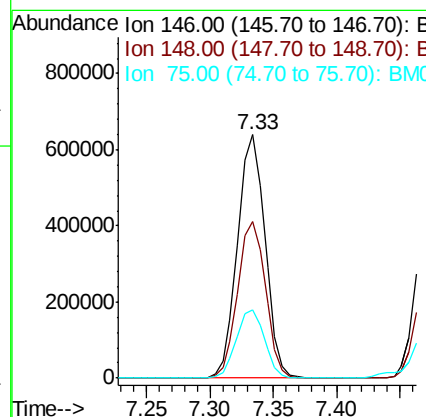
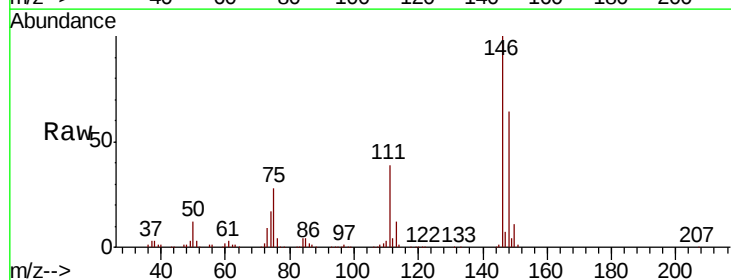
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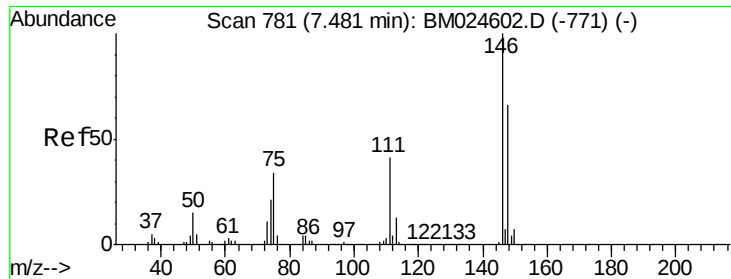
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#12  
1,3-Dichlorobenzene  
Concen: 45.189 ng  
RT: 7.33 min Scan# 756  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.0  | 76.6  |
| 75      | 28.2  | 27.0  | 40.4  |





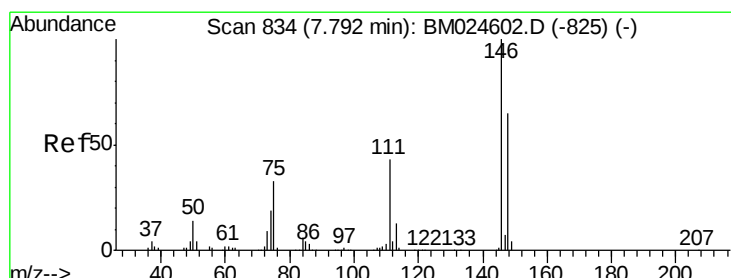
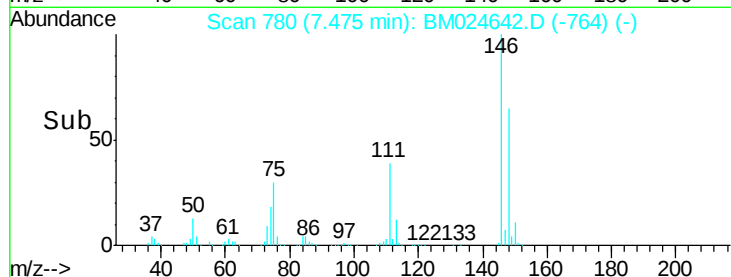
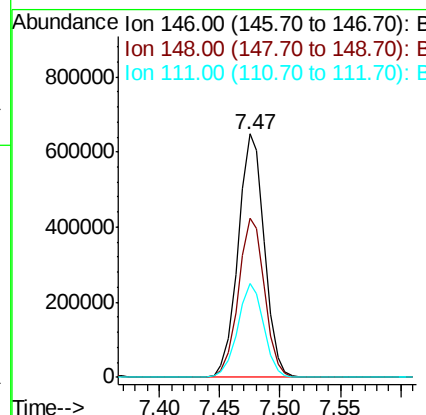
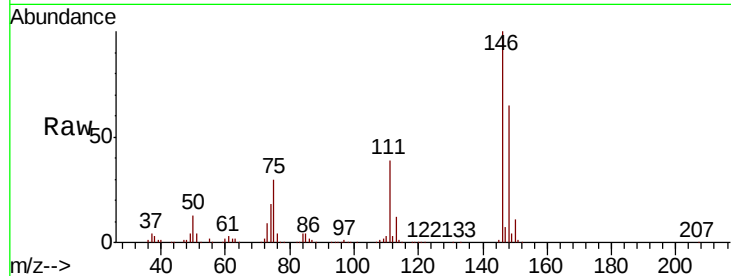
#13  
1,4-Dichlorobenzene  
Concen: 45.417 ng  
RT: 7.47 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampled :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 52.5  | 78.7  |
| 111     | 38.7  | 33.0  | 49.4  |

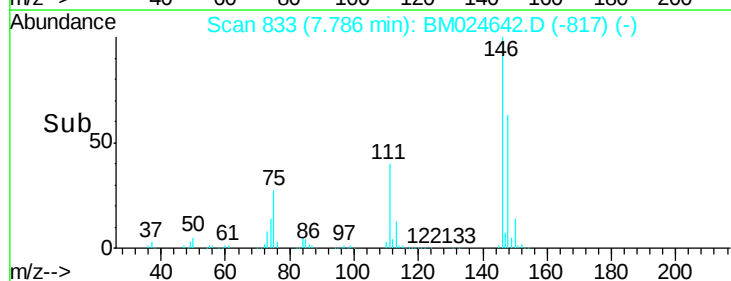
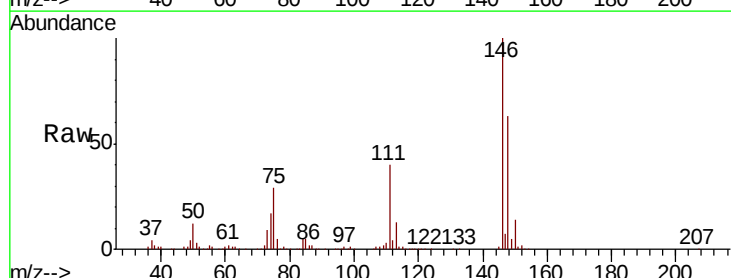
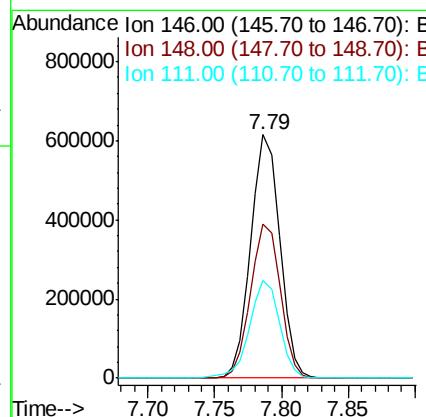
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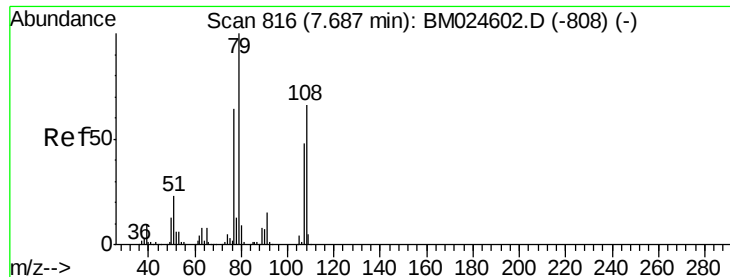
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#14  
1,2-Dichlorobenzene  
Concen: 44.454 ng  
RT: 7.79 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 51.9  | 77.9  |
| 111     | 40.3  | 34.5  | 51.7  |





#15

Benzyl Alcohol

Concen: 40.405 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

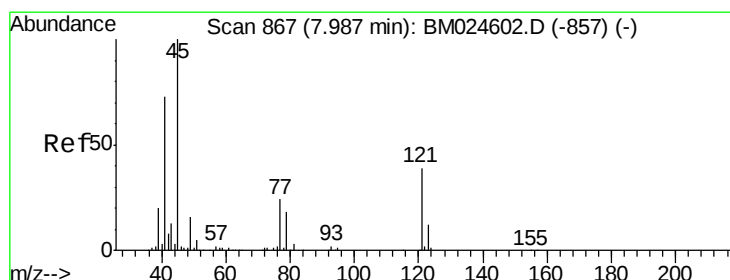
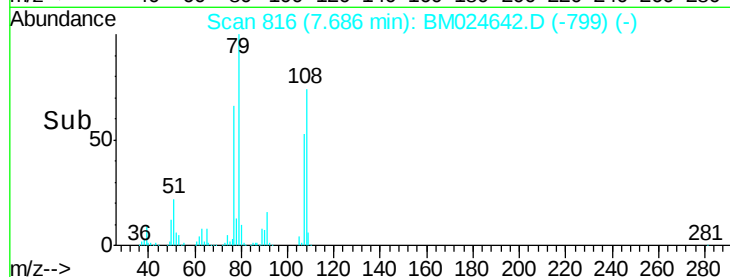
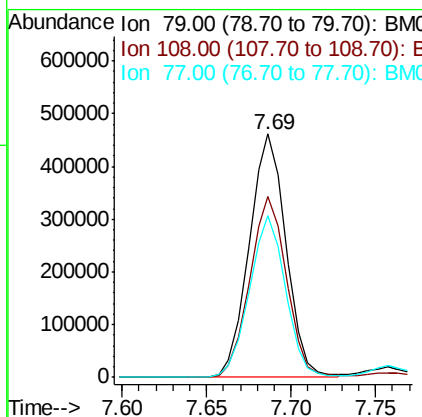
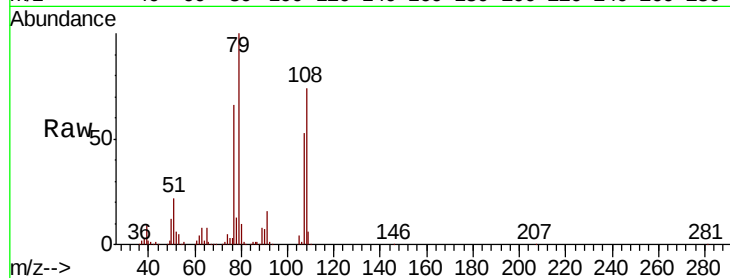
ClientSampleId :

PB126393BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 698254 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 74.4  | 53.0  | 79.4   |
| 77       | 66.4  | 50.8  | 76.2   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.106 ng

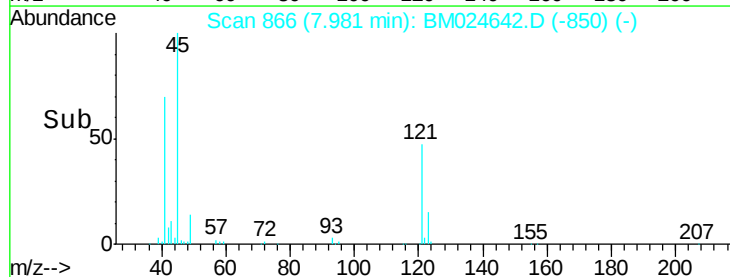
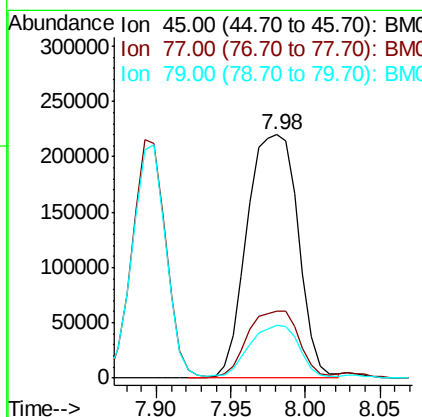
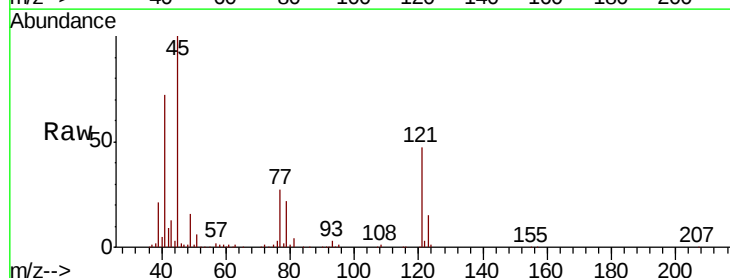
RT: 7.98 min Scan# 866

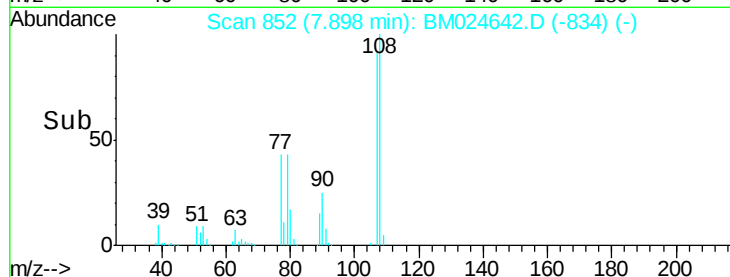
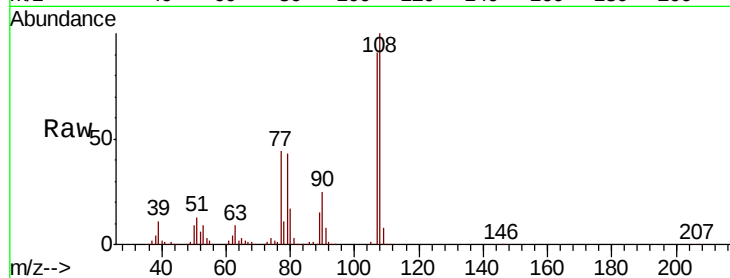
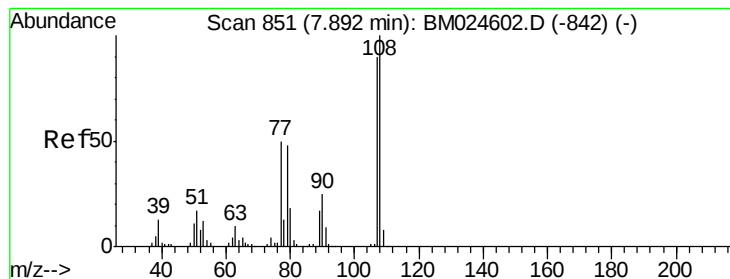
Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 522245 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 27.4  | 5.2   | 45.2   |
| 79       | 21.9  | 0.0   | 39.4   |





#17

2-Methylphenol

Concen: 46.120 ng

RT: 7.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 679057 |       |       |
| 108     | 110.0 | 88.9   | 133.3 |       |
| 77      | 47.9  | 44.5   | 66.7  |       |
| 79      | 47.6  | 42.9   | 64.3  |       |

Instrument :

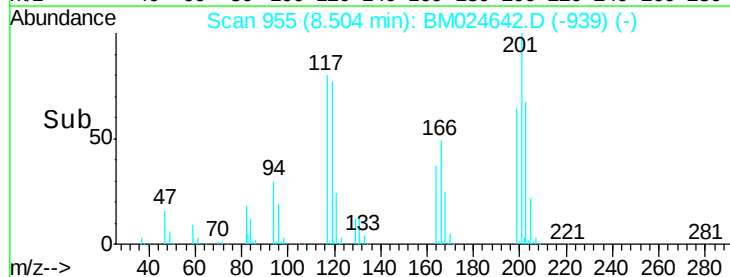
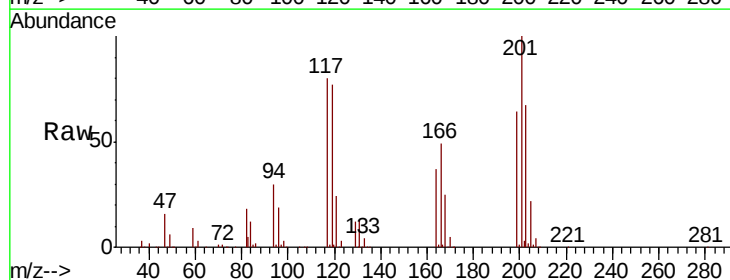
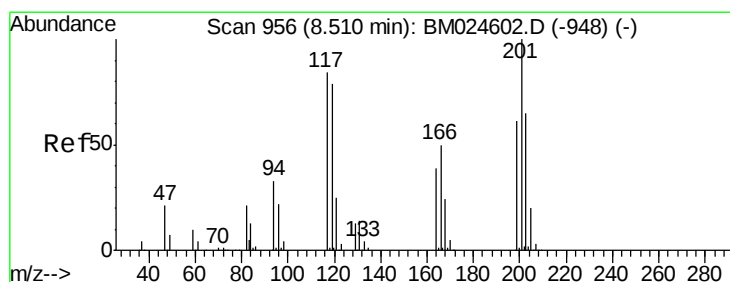
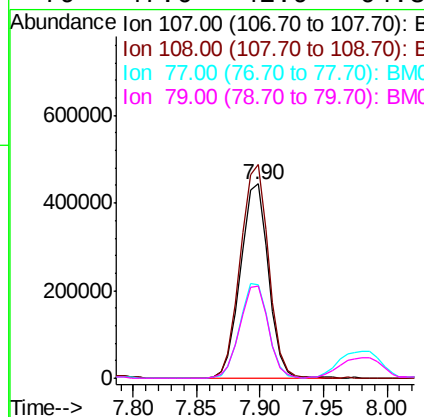
BNA\_M

ClientSampleId :

PB126393BS

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#18

Hexachloroethane

Concen: 40.939 ng

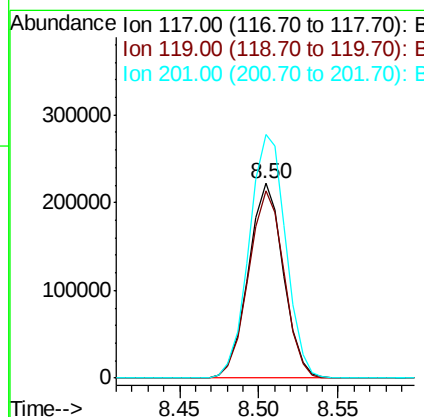
RT: 8.50 min Scan# 955

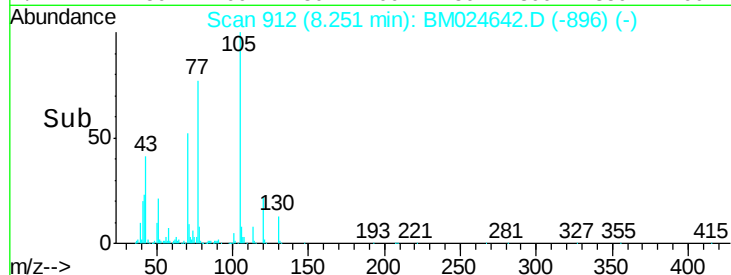
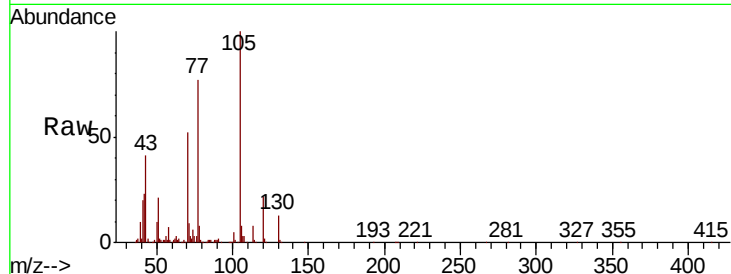
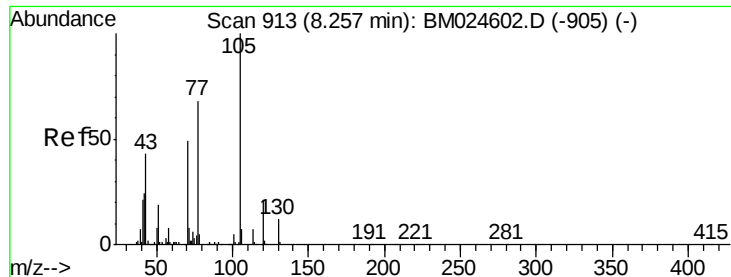
Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 341263 |       |       |
| 119     | 96.1  | 75.4   | 113.2 |       |
| 201     | 125.0 | 95.8   | 143.6 |       |





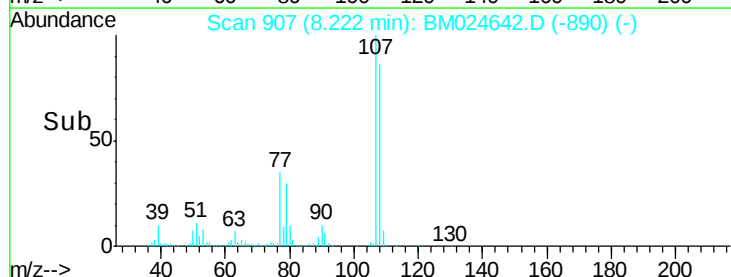
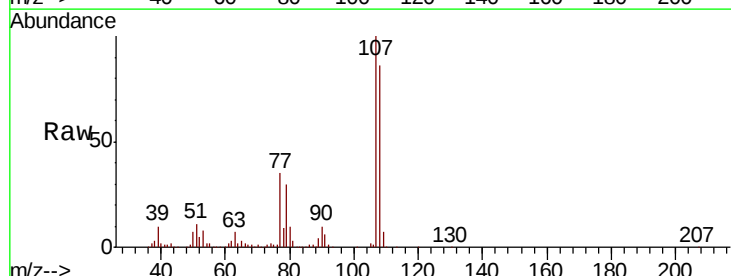
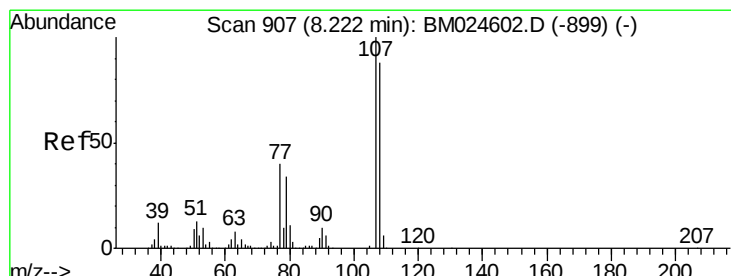
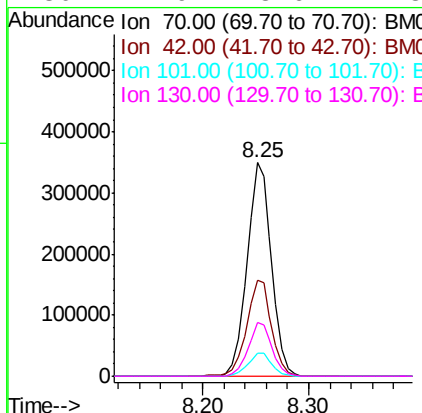
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.417 ng  
RT: 8.25 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleID :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 44.8  | 40.0  | 60.0  |
| 101     | 10.6  | 8.2   | 12.2  |
| 130     | 24.9  | 18.6  | 27.8  |

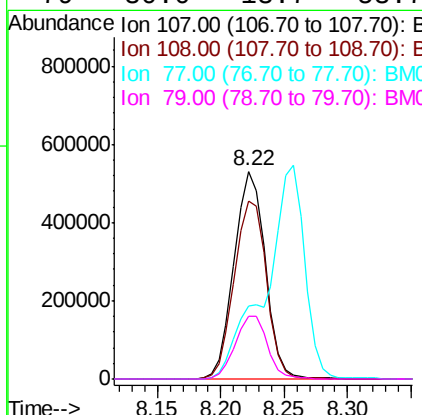
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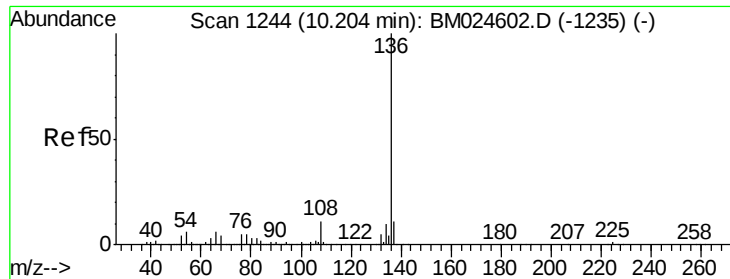
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#20  
3+4-Methylphenols  
Concen: 44.513 ng  
RT: 8.22 min Scan# 907  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.7  | 68.0  | 108.0 |
| 77      | 34.9  | 19.9  | 59.9  |
| 79      | 30.0  | 13.7  | 53.7  |





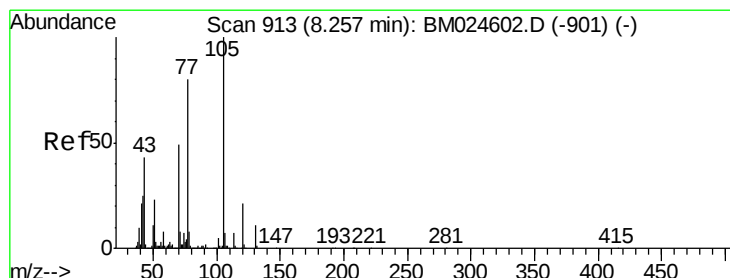
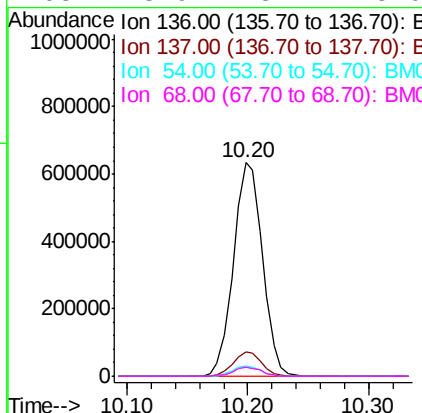
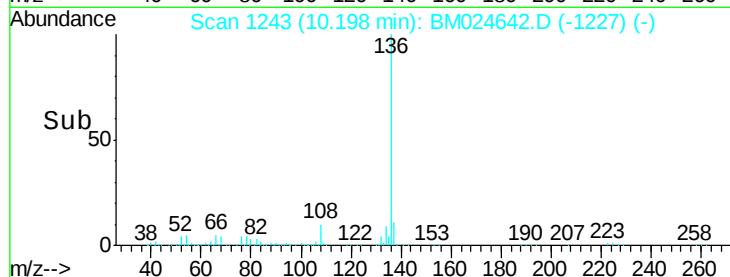
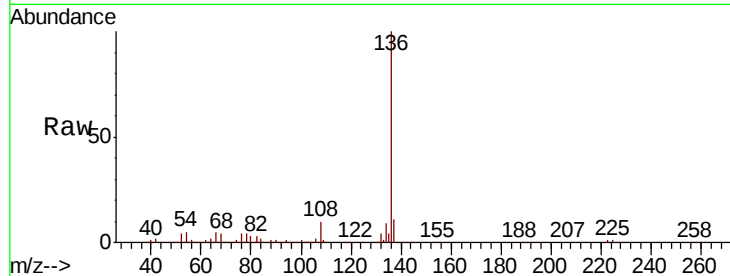
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.20 min Scan# 1243  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.2  | 8.6   | 13.0  |
| 54      | 4.7   | 4.5   | 6.7   |
| 68      | 3.9   | 3.4   | 5.0   |

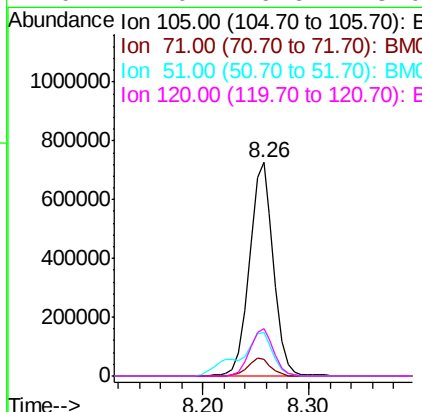
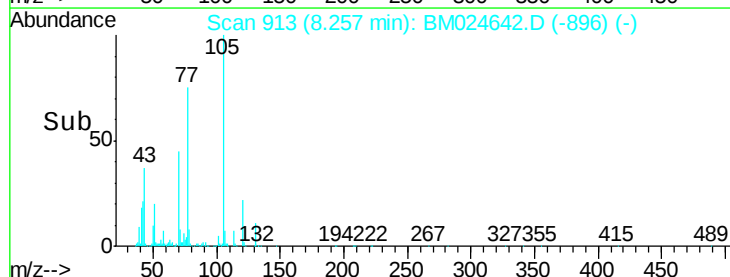
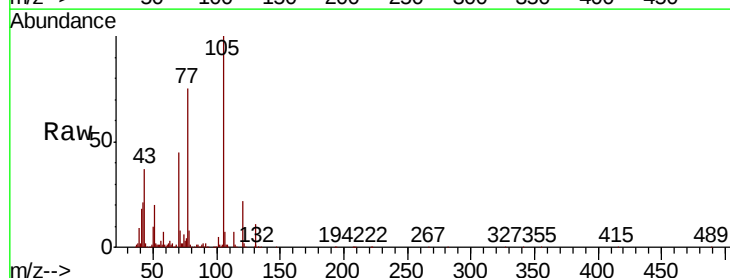
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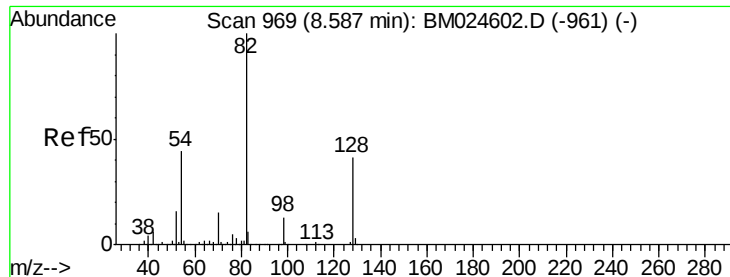
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#22  
Acetophenone  
Concen: 41.848 ng  
RT: 8.26 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 7.6   | 6.7   | 10.1  |
| 51      | 20.4  | 18.5  | 27.7  |
| 120     | 22.0  | 16.6  | 25.0  |





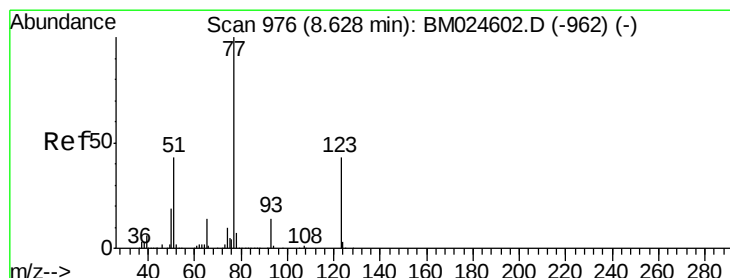
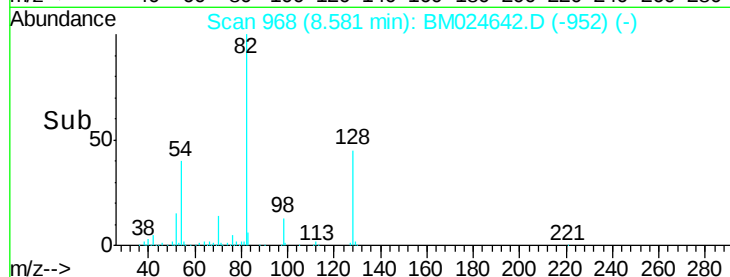
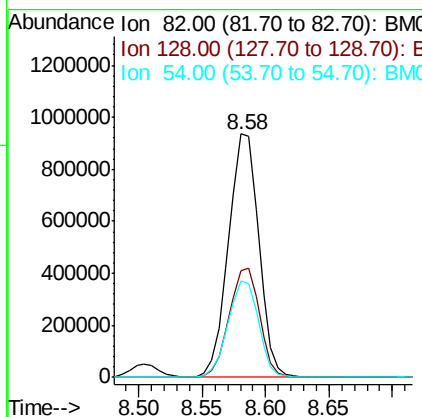
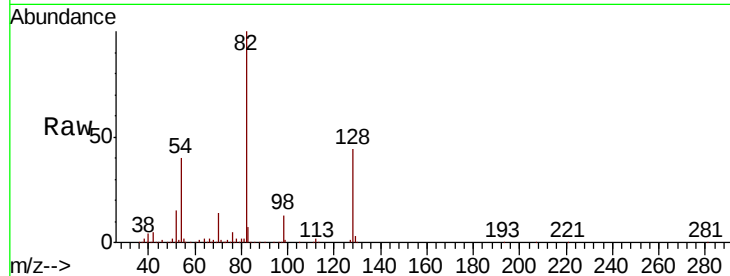
#23  
Nitrobenzene-d5  
Concen: 71.673 ng  
RT: 8.58 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.0  | 32.6  | 48.8  |
| 54      | 39.7  | 34.8  | 52.2  |

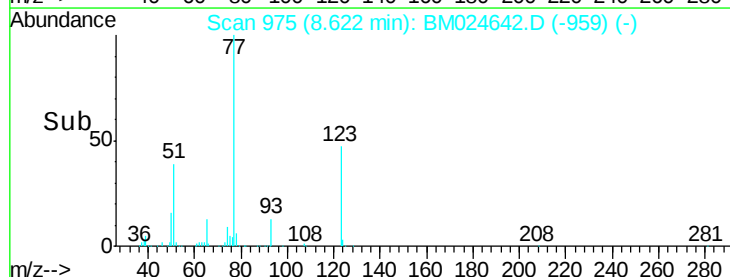
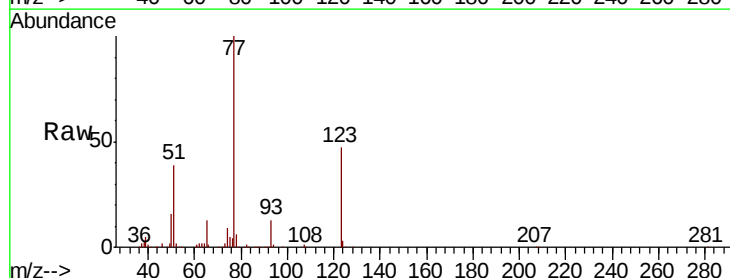
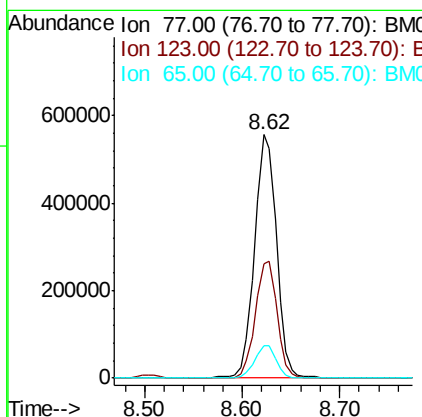
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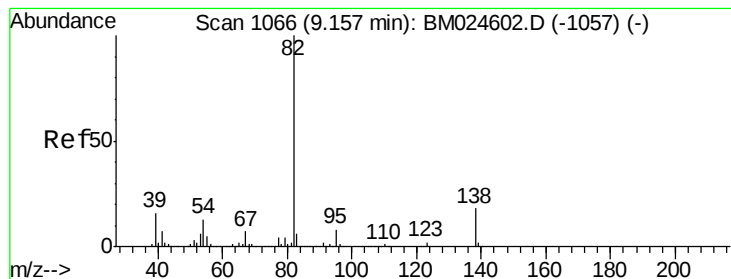
mohammad  
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#24  
Nitrobenzene  
Concen: 42.236 ng  
RT: 8.62 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.1  | 34.6  | 52.0  |
| 65      | 13.1  | 11.0  | 16.4  |





#25

Isophorone

Concen: 41.802 ng

RT: 9.16 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion: 82 Resp: 1534506

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

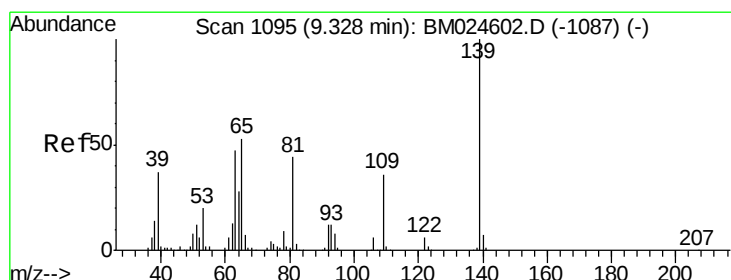
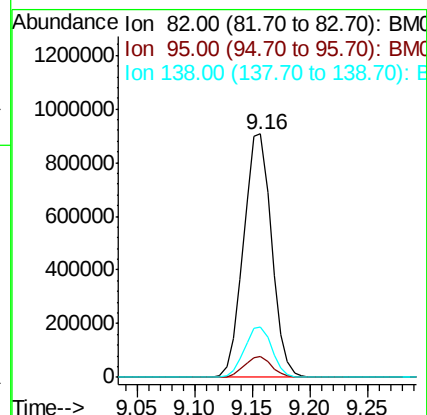
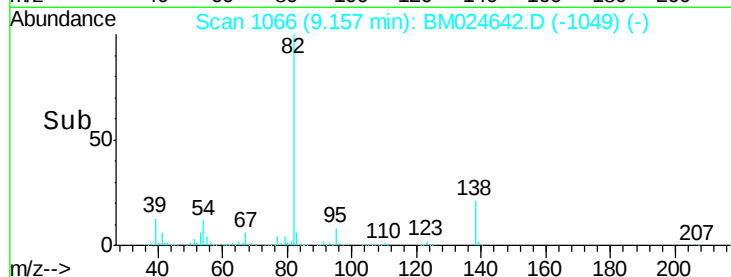
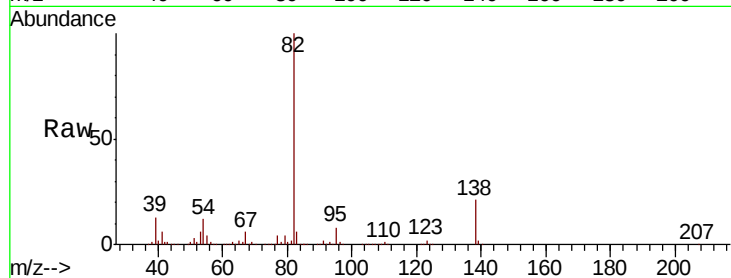
138 20.7 14.7 22.1

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#26

2-Nitrophenol

Concen: 50.797 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

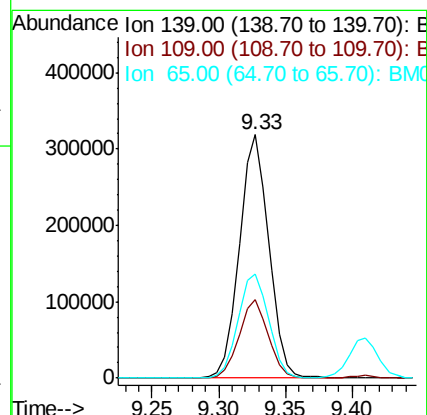
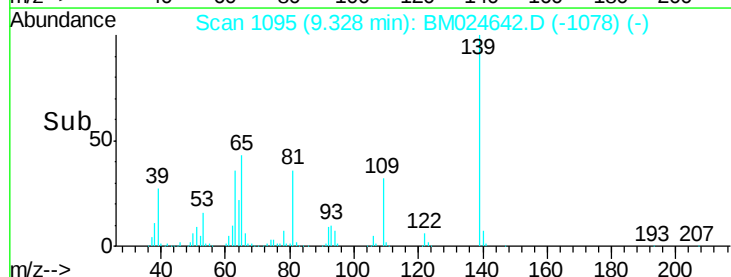
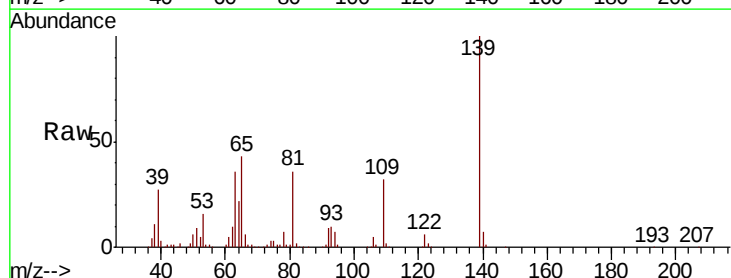
Tgt Ion: 139 Resp: 486969

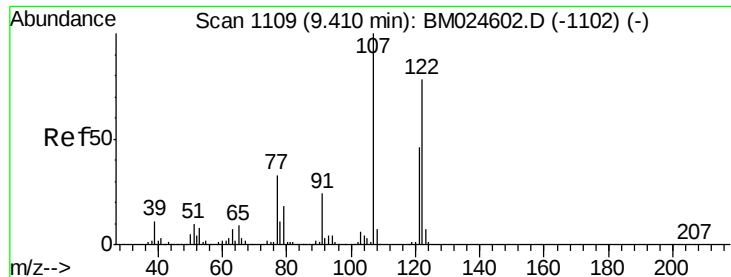
Ion Ratio Lower Upper

139 100

109 32.1 28.8 43.2

65 42.6 42.6 63.8





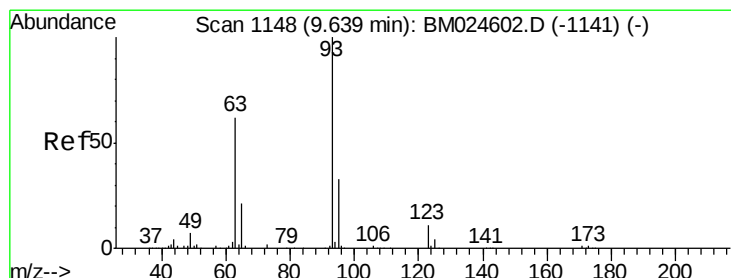
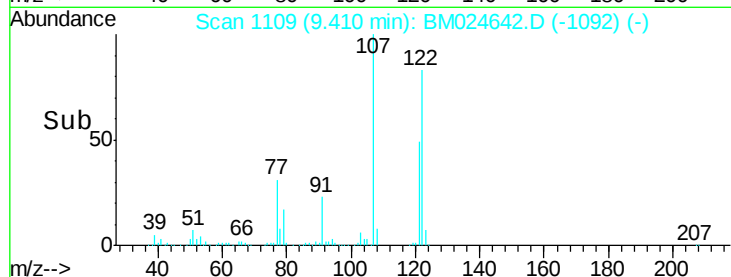
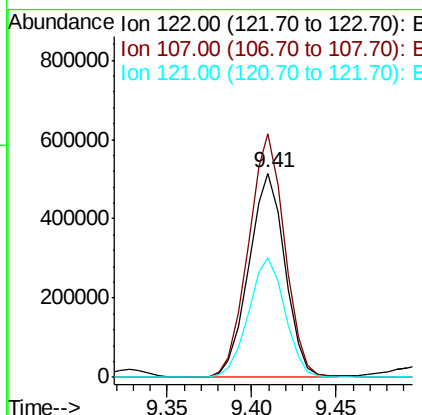
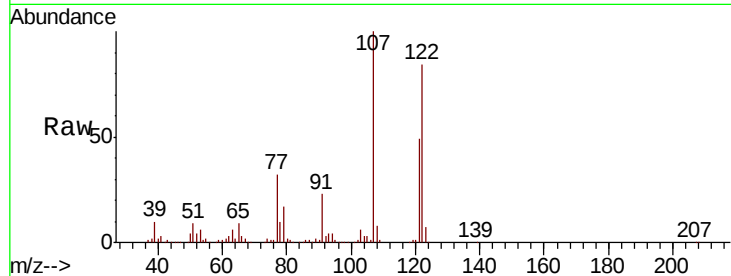
#27  
2,4-Dimethylphenol  
Concen: 58.935 ng  
RT: 9.41 min Scan# 1109  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.3 | 102.5 | 153.7 |
| 121     | 58.5  | 47.0  | 70.4  |

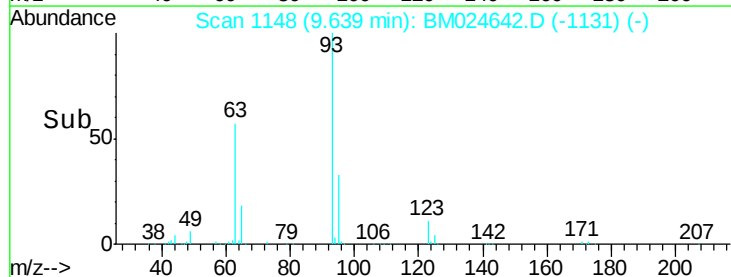
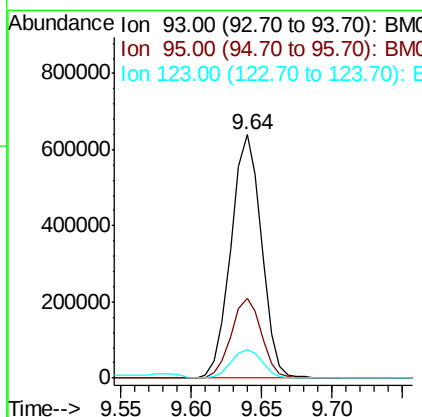
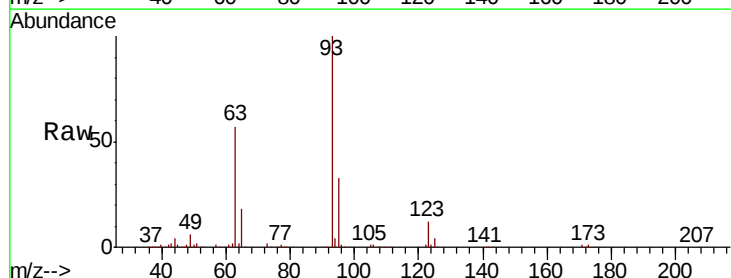
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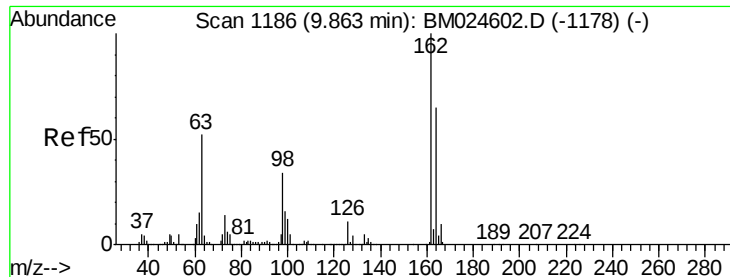
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 42.972 ng  
RT: 9.64 min Scan# 1148  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.1  | 39.1  |
| 123     | 11.7  | 8.7   | 13.1  |





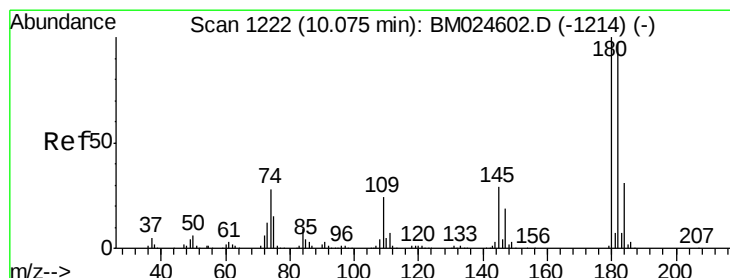
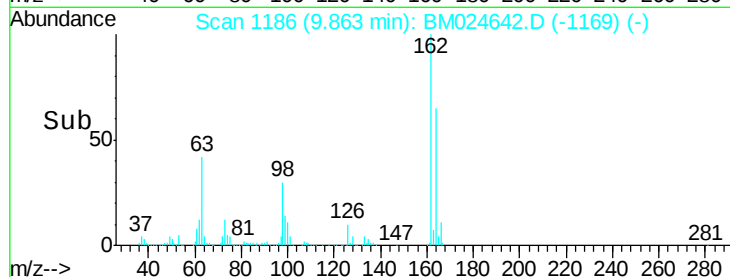
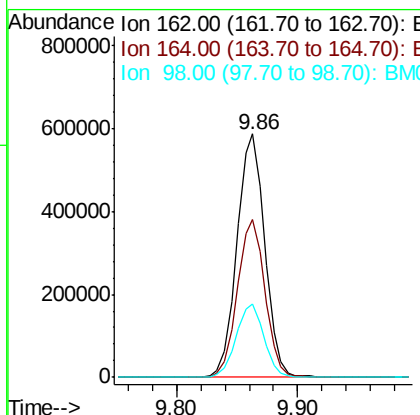
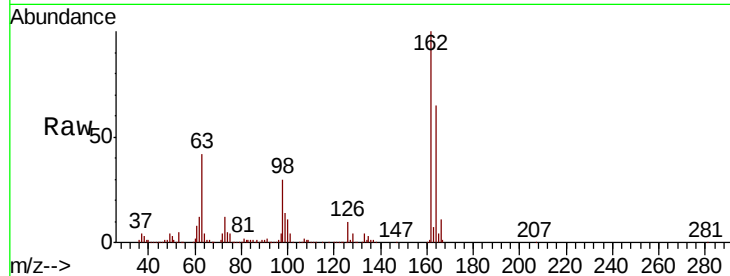
#29  
2,4-Dichlorophenol  
Concen: 53.619 ng  
RT: 9.86 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 943722 |       |       |
| 164     | 64.8  |        | 44.5  | 84.5  |
| 98      | 30.4  |        | 14.2  | 54.2  |

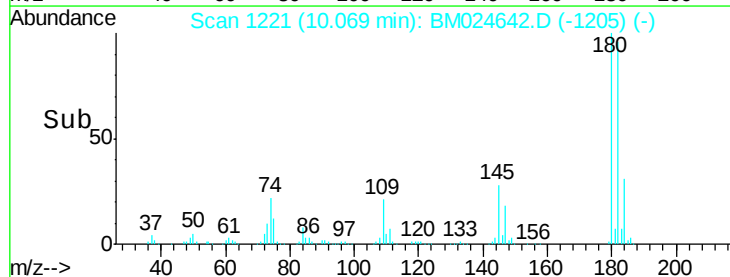
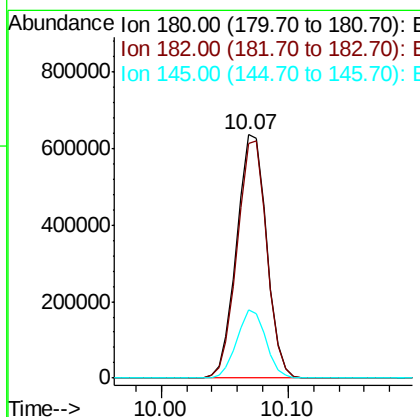
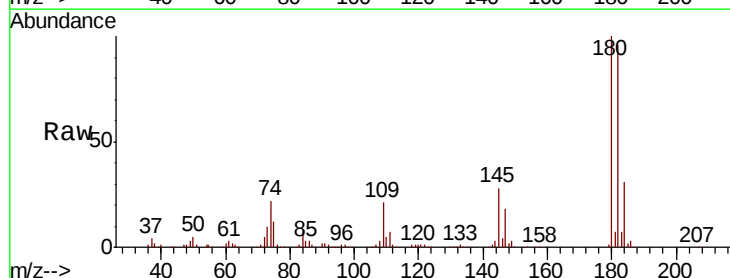
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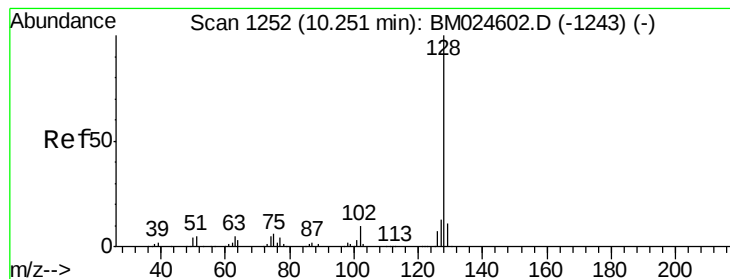
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 49.025 ng  
RT: 10.07 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 180     | 100   | 1040652 |       |       |
| 182     | 96.4  |         | 77.8  | 116.6 |
| 145     | 27.9  |         | 22.9  | 34.3  |





#31

Naphthalene

Concen: 46.817 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:128 Resp: 2505306

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

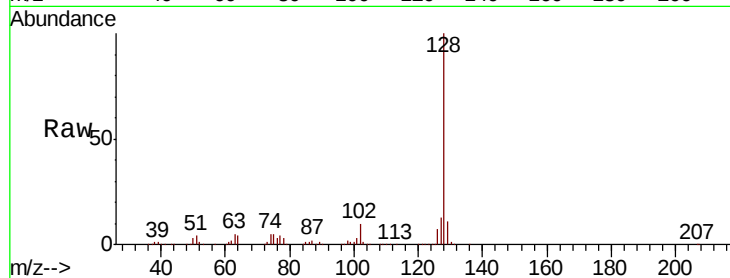
127 13.2 10.6 15.8

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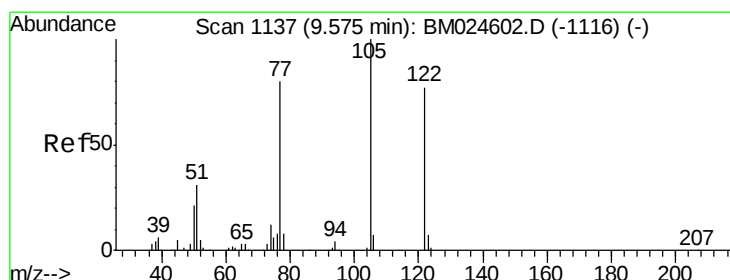
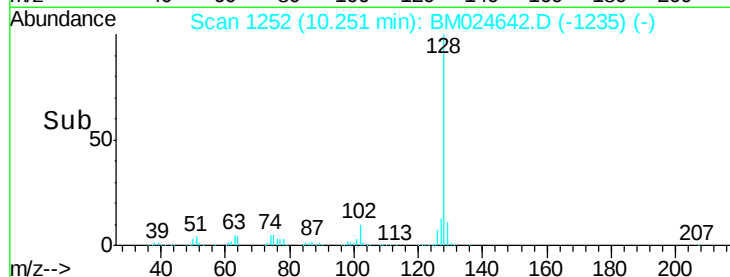
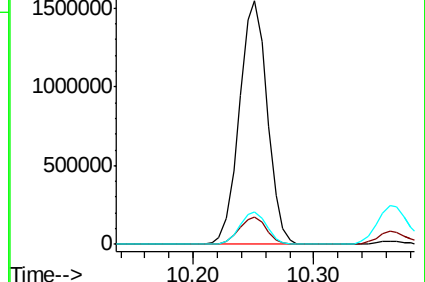
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.372 ng m

RT: 9.59 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

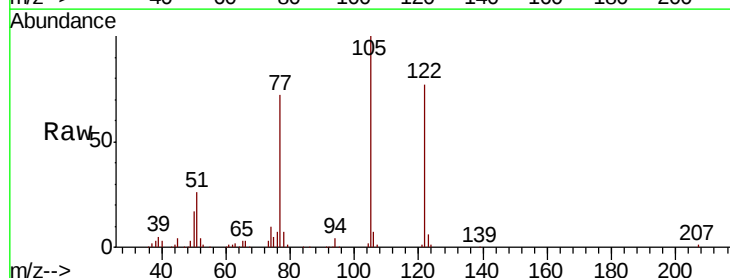
Tgt Ion:122 Resp: 528778

Ion Ratio Lower Upper

122 100

105 129.8 107.7 147.7

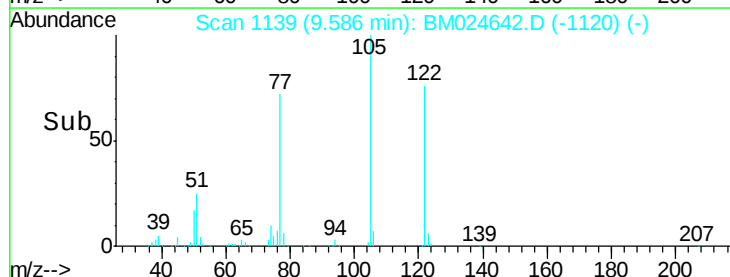
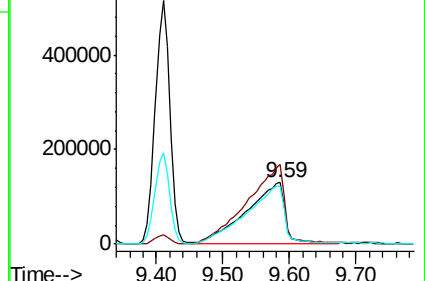
77 94.0 83.8 123.8

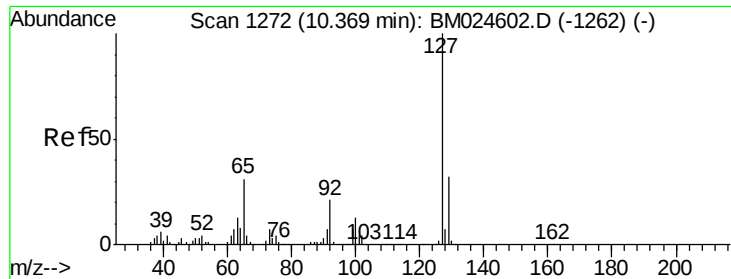


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





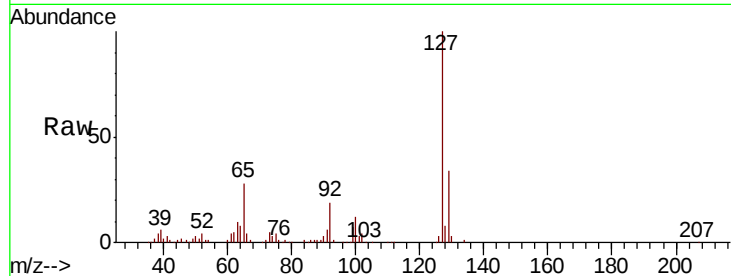
#33  
4-Chloroaniline  
Concen: 20.375 ng  
RT: 10.36 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 33.6  | 25.9 | 38.9  |       |
| 65      | 28.4  | 25.1 | 37.7  |       |
| 92      | 19.5  | 16.6 | 25.0  |       |

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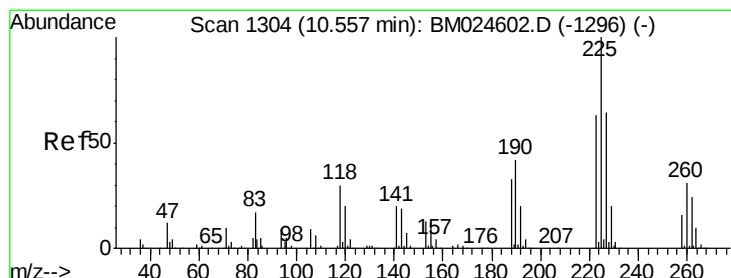
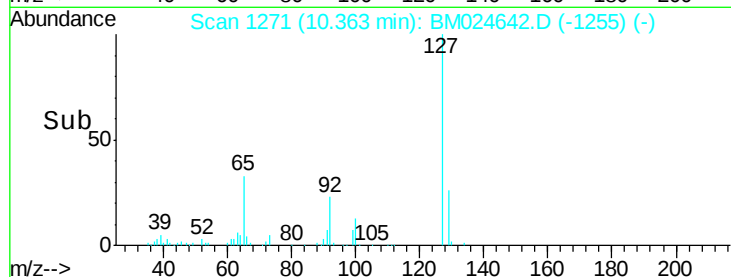
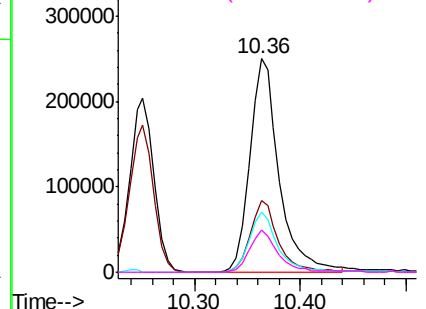
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

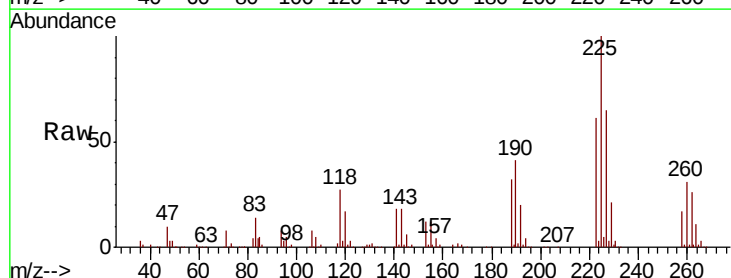
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34  
Hexachlorobutadiene  
Concen: 47.156 ng  
RT: 10.55 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 60.8  | 50.7 | 76.1  |       |
| 227     | 65.4  | 51.4 | 77.0  |       |

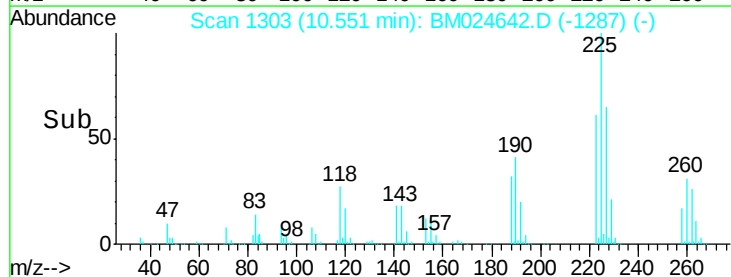
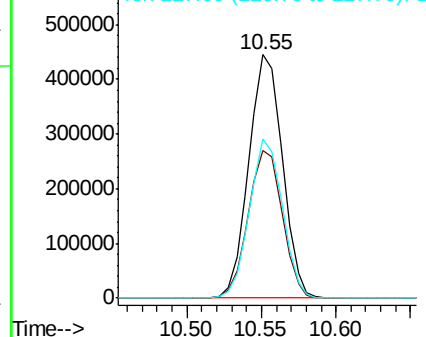


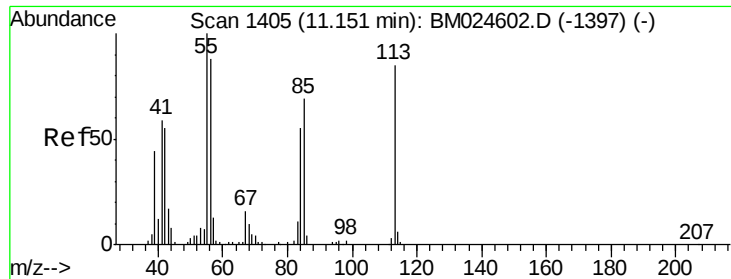
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.205 ng/mL

RT: 11.15 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

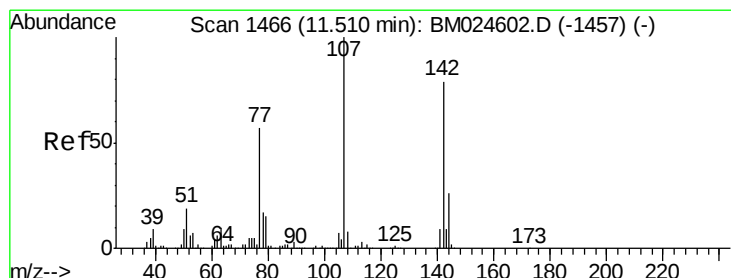
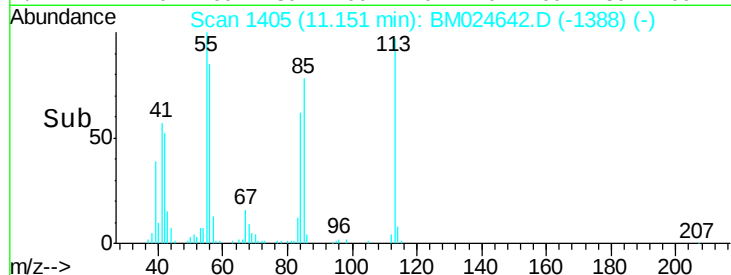
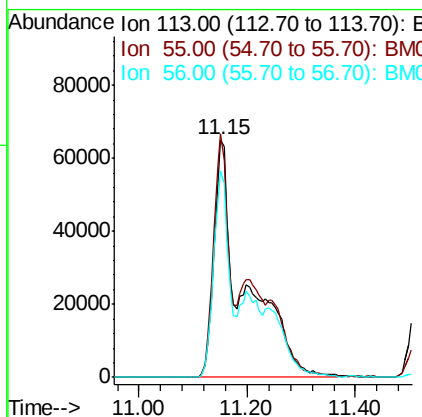
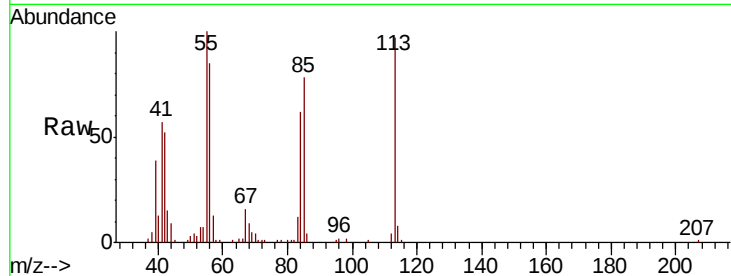
ClientSampleId :

PB126393BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 249611 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 102.6 | 97.5  | 137.5  |
| 56        | 87.2  | 83.4  | 123.4  |

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#36

4-Chloro-3-methylphenol

Concen: 45.448 ng/mL

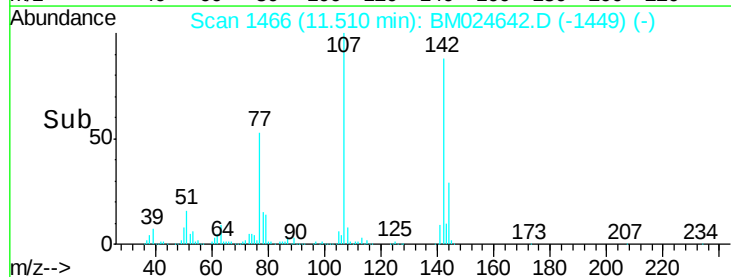
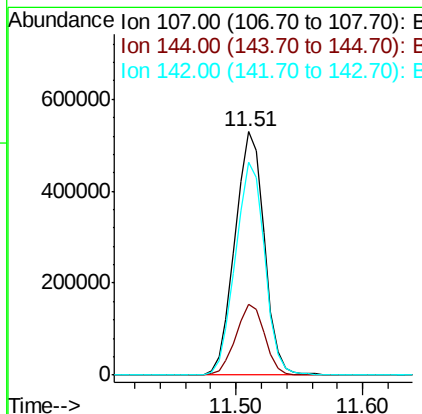
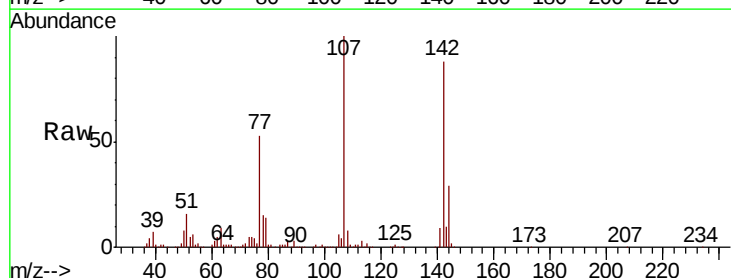
RT: 11.51 min Scan# 1466

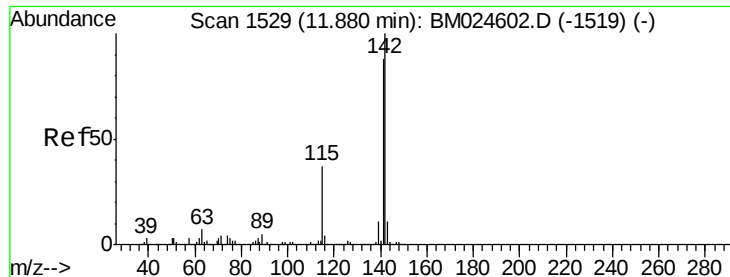
Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 850573 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 29.2  | 20.5  | 30.7   |
| 142       | 87.6  | 62.8  | 94.2   |





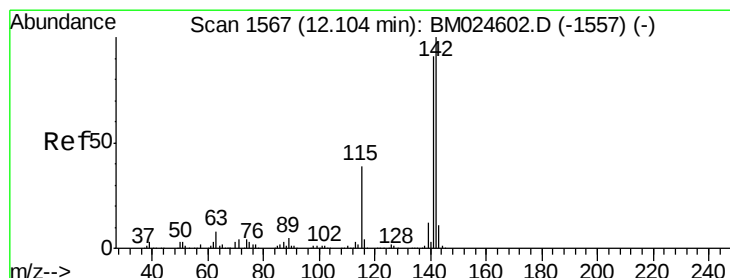
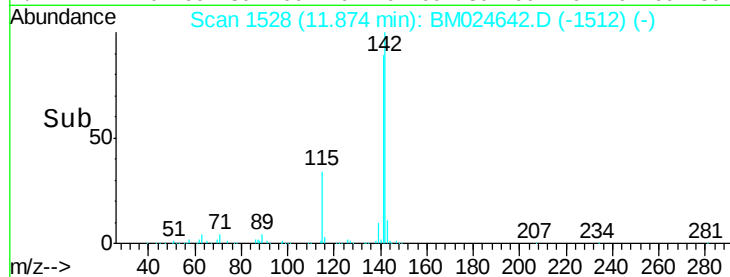
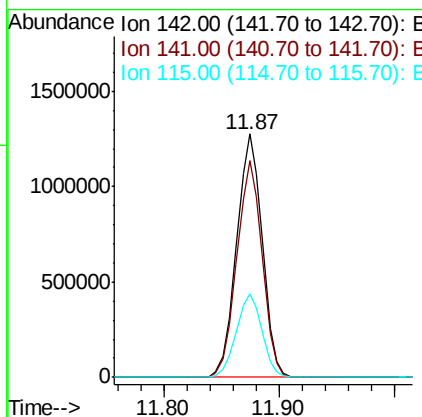
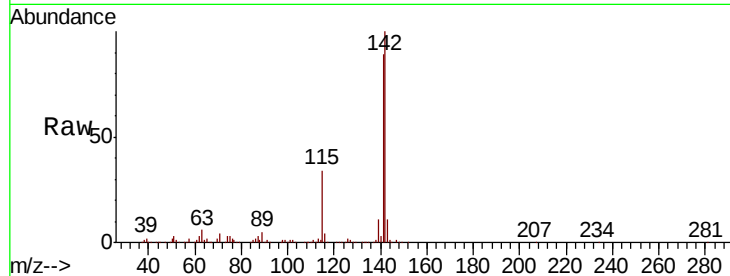
#37  
2-Methylnaphthalene  
Concen: 47.476 ng  
RT: 11.87 min Scan# 1528  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 70.2  | 105.2 |
| 115     | 34.5  | 29.7  | 44.5  |

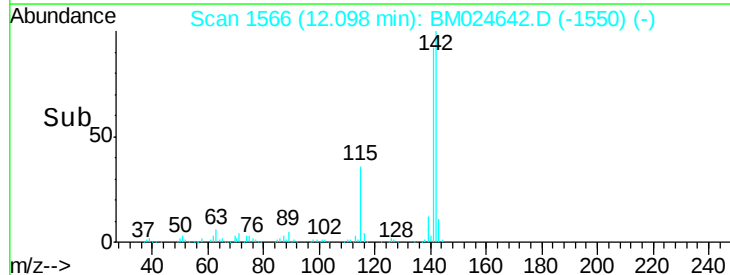
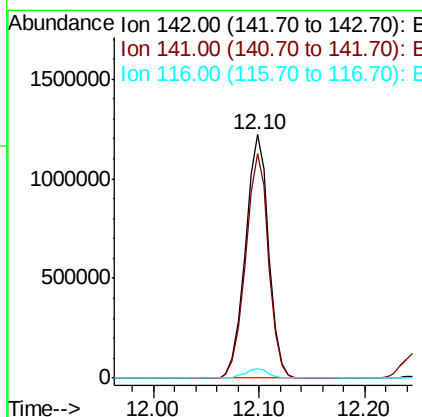
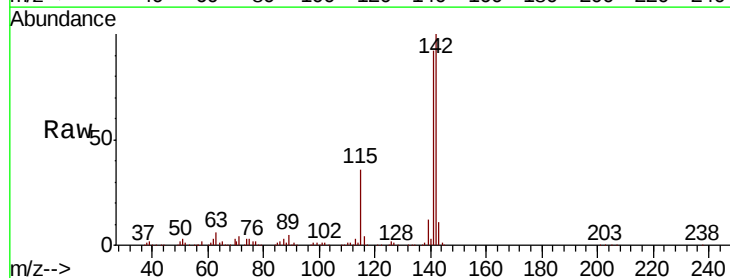
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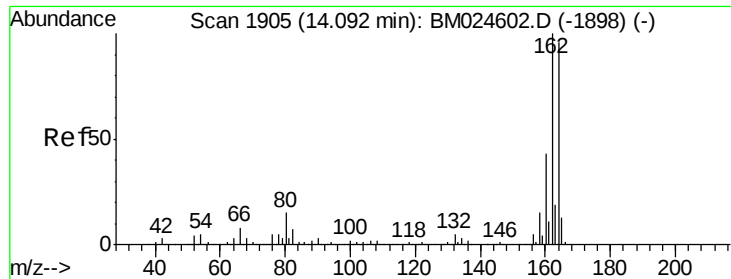
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 47.288 ng  
RT: 12.10 min Scan# 1566  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 72.8  | 109.2 |
| 116     | 3.8   | 3.2   | 4.8   |





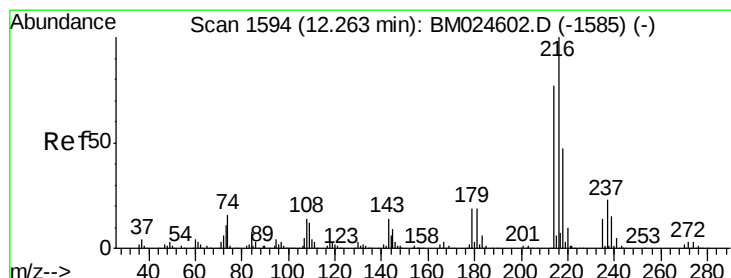
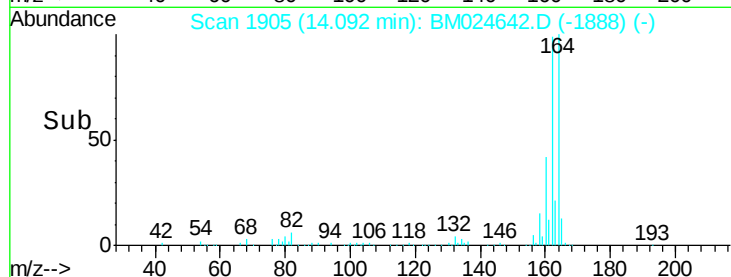
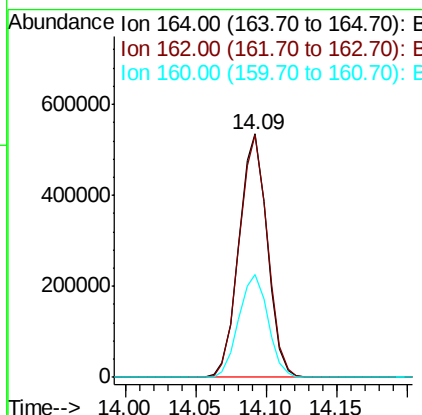
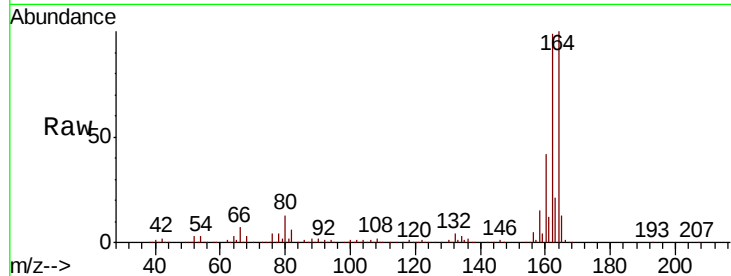
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.09 min Scan# 1905  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.4  | 82.9  | 124.3 |
| 160     | 42.4  | 35.5  | 53.3  |

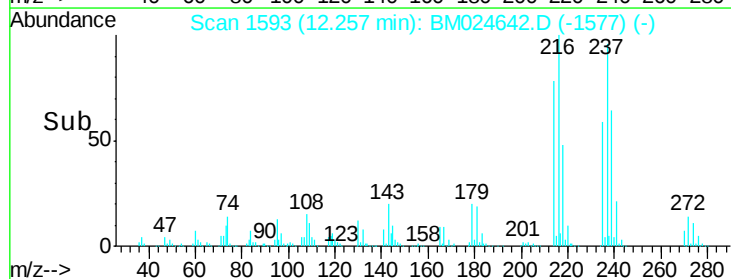
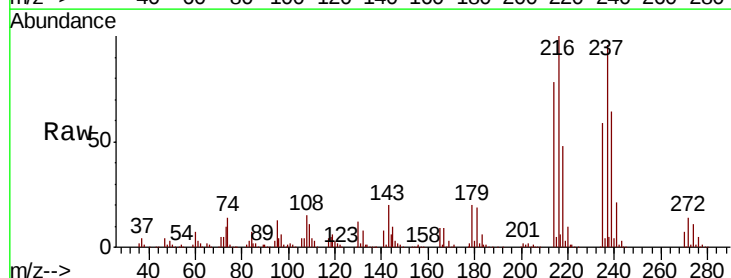
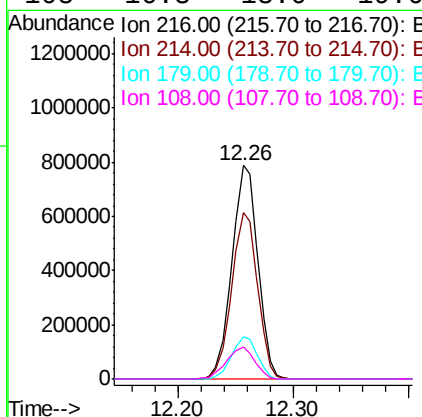
Manual Integrations  
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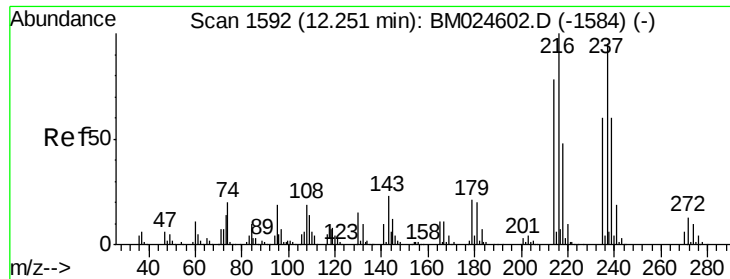
mohammad  
1/30/2020 10:18:41 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.989 ng  
RT: 12.26 min Scan# 1593  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.0  | 62.3  | 93.5  |
| 179     | 19.7  | 16.1  | 24.1  |
| 108     | 16.3  | 13.0  | 19.6  |





#41

Hexachlorocyclopentadiene

Concen: 124.821 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:237 Resp: 1863408

Ion Ratio Lower Upper

237 100

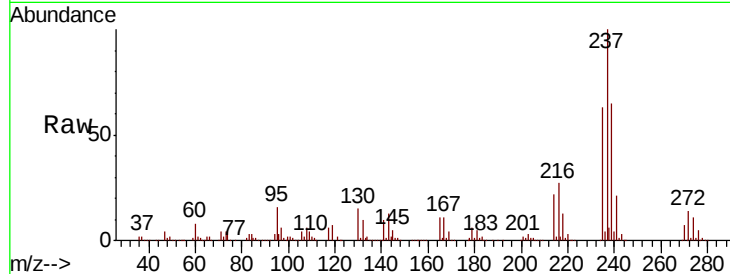
235 62.6 43.3 83.3

272 13.6 0.0 33.4

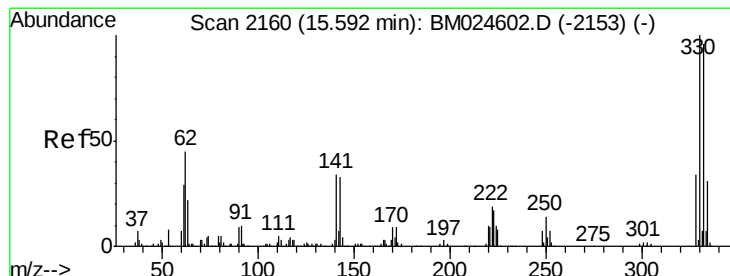
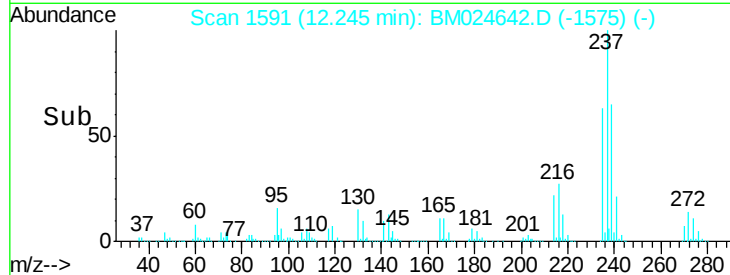
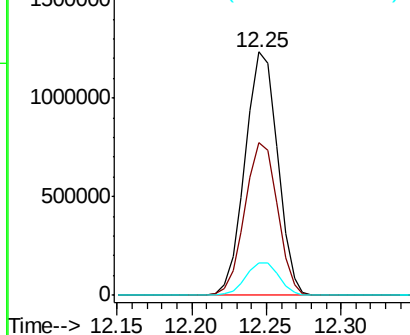
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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.020 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

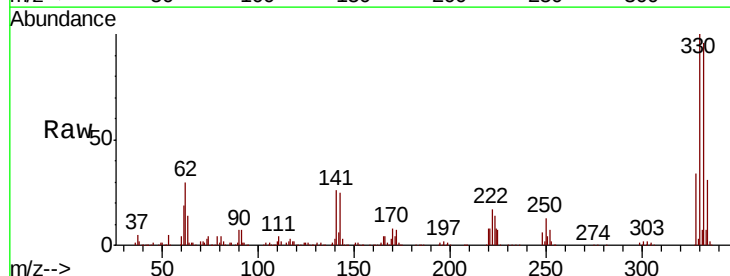
Tgt Ion:330 Resp: 1068462

Ion Ratio Lower Upper

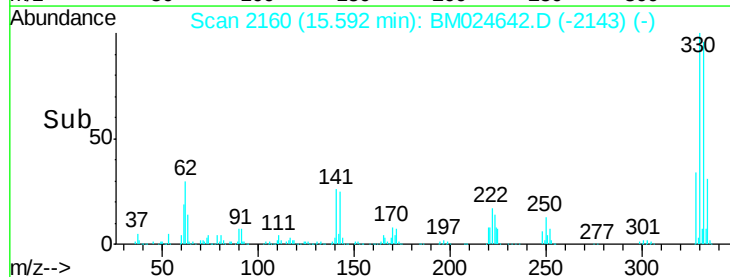
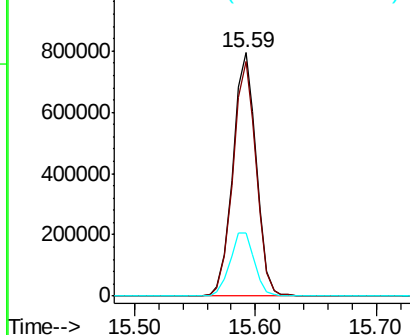
330 100

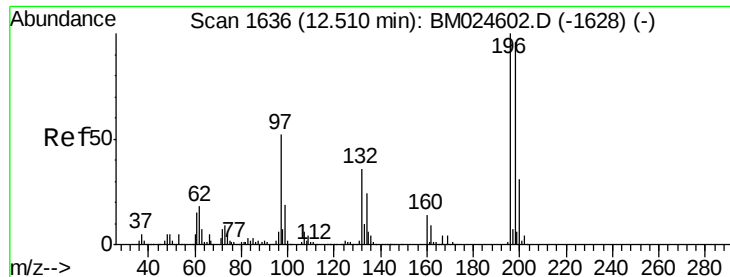
332 95.8 77.2 115.8

141 27.3 26.9 40.3



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





#43

2,4,6-Trichlorophenol

Concen: 49.158 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

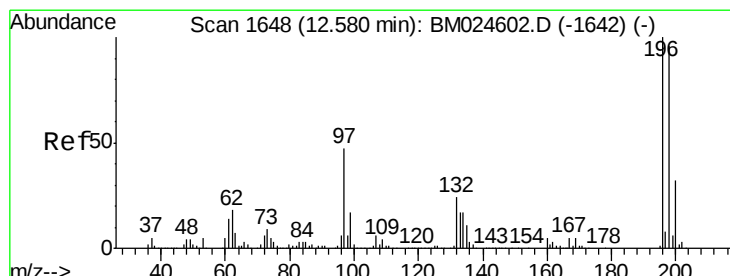
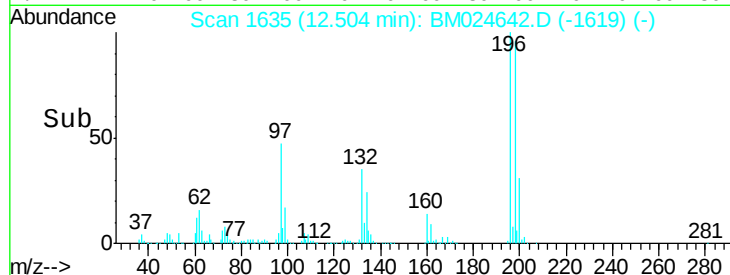
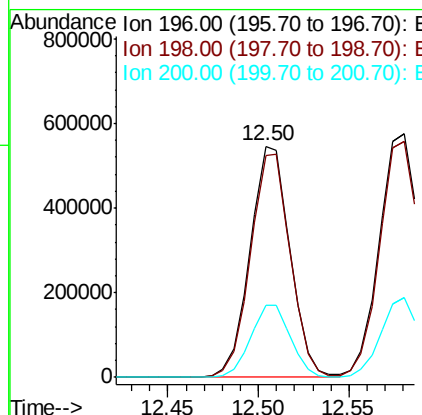
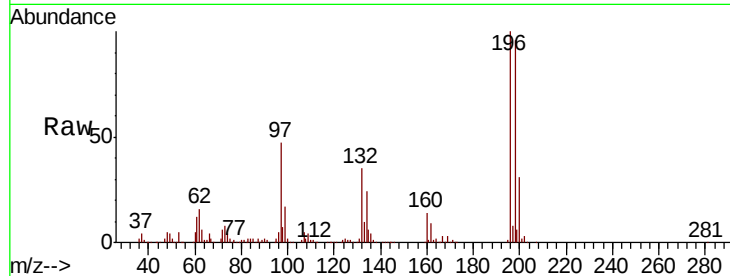
ClientSampleId :

PB126393BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 833157 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.1  | 76.5  | 114.7  |
| 200       | 31.0  | 25.0  | 37.6   |

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#44

2,4,5-Trichlorophenol

Concen: 51.447 ng

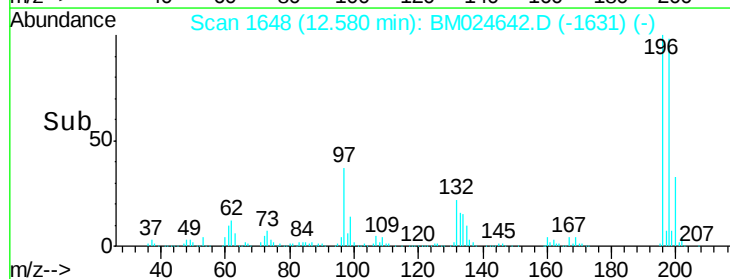
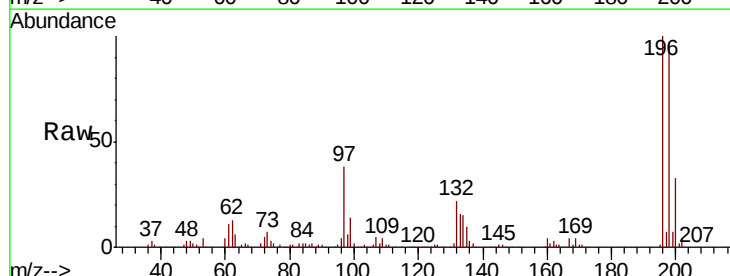
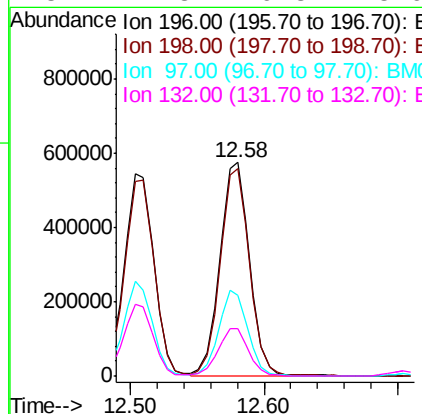
RT: 12.58 min Scan# 1648

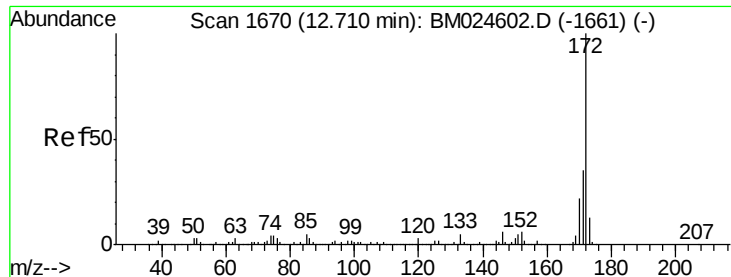
Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 890502 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.1  | 77.2  | 115.8  |
| 97        | 37.8  | 37.4  | 56.0   |
| 132       | 22.3  | 19.3  | 28.9   |





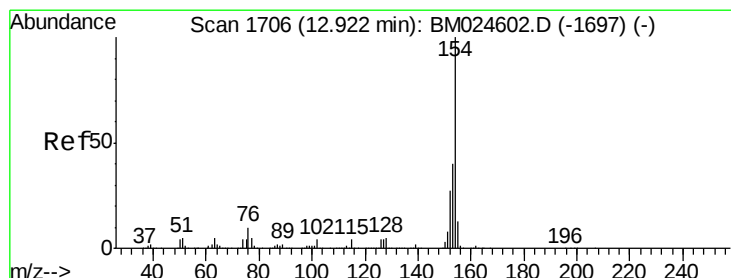
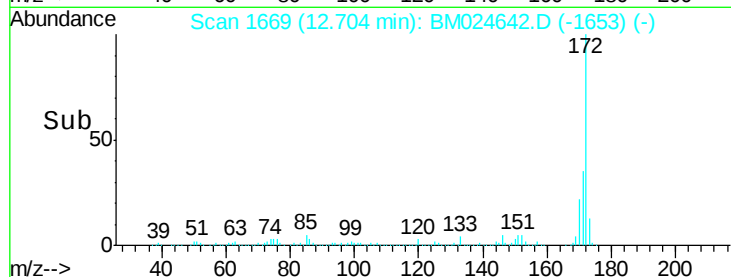
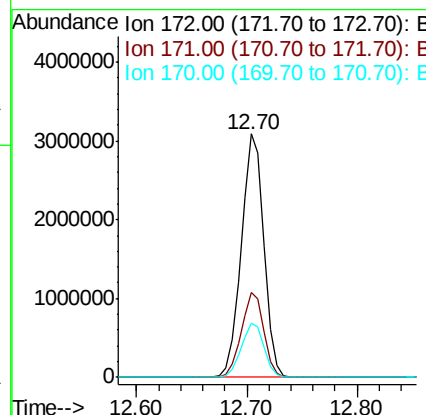
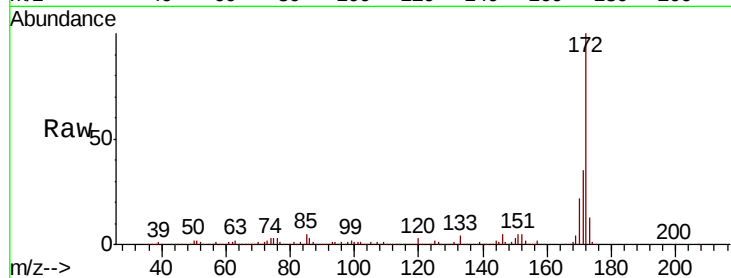
#45  
2-Fluorobiphenyl  
Concen: 80.342 ng  
RT: 12.70 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.9  | 28.3  | 42.5  |
| 170     | 22.4  | 17.9  | 26.9  |

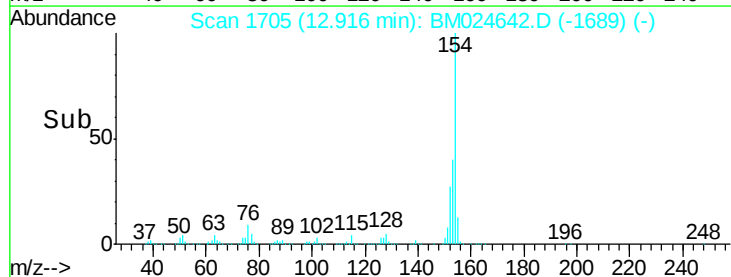
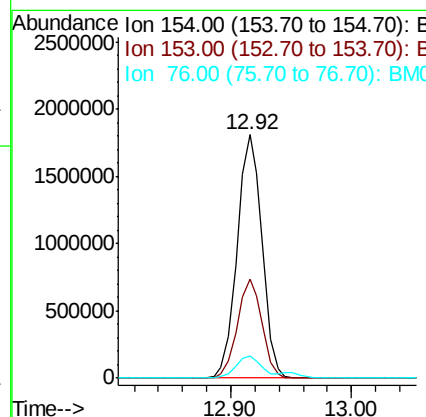
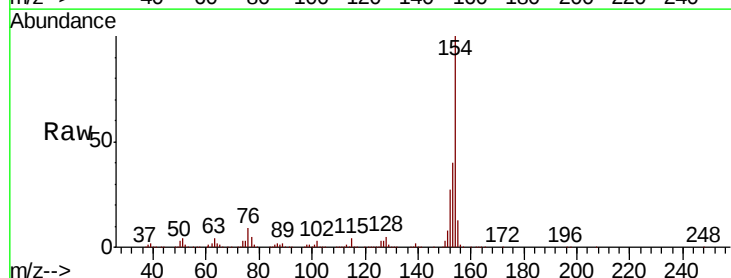
Manual Integrations  
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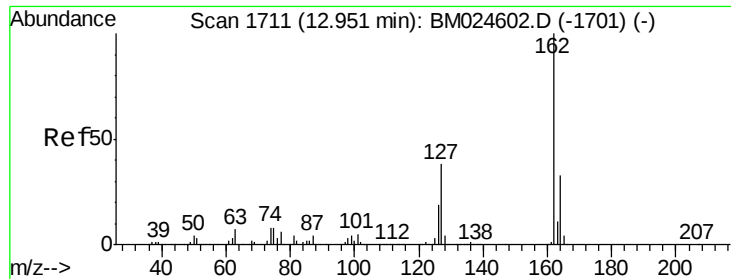
mohammad  
1/30/2020 10:18:41 AM



#46  
1,1'-Biphenyl  
Concen: 45.927 ng  
RT: 12.92 min Scan# 1705  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 20.3  | 60.3  |
| 76      | 9.3   | 0.0   | 30.5  |





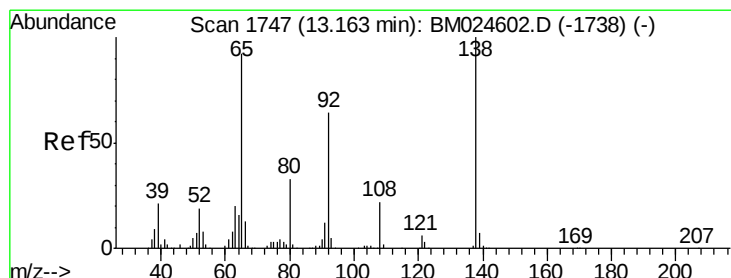
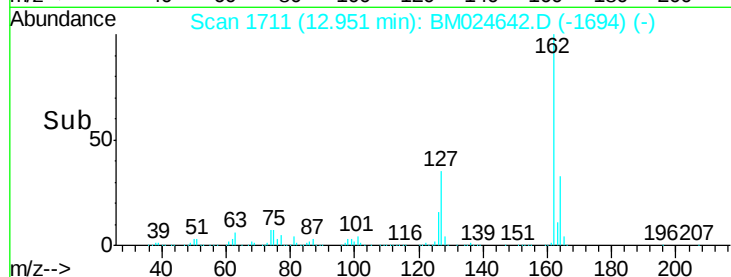
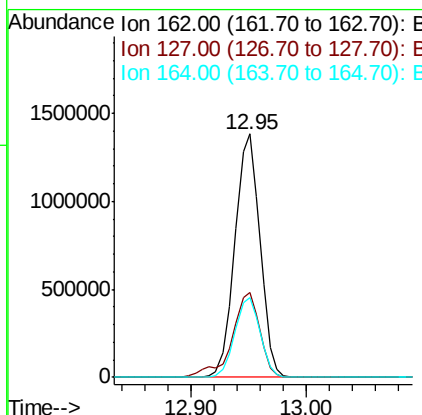
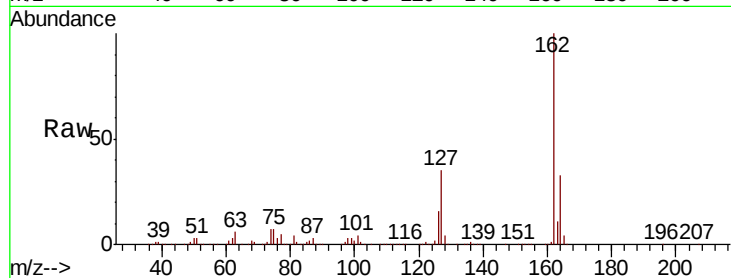
#47  
2-Chloronaphthalene  
Concen: 45.499 ng  
RT: 12.95 min Scan# 1711  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.8  | 30.4  | 45.6  |
| 164     | 33.0  | 26.5  | 39.7  |

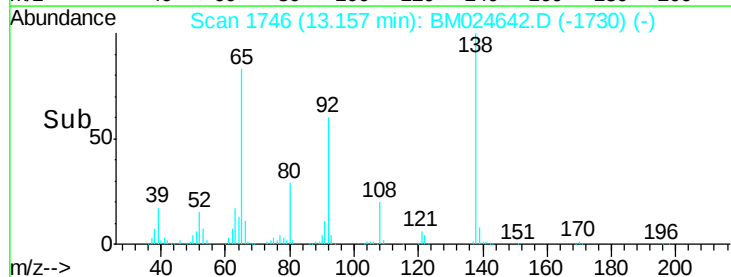
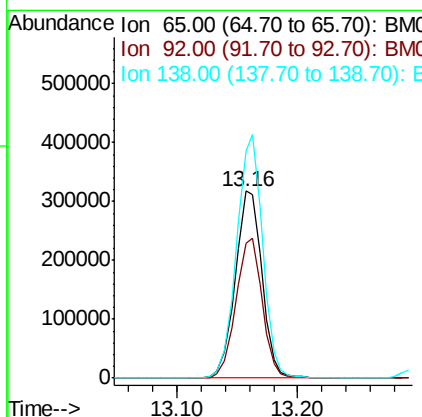
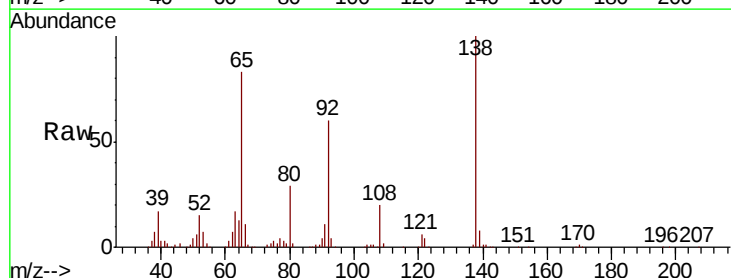
Manual Integrations  
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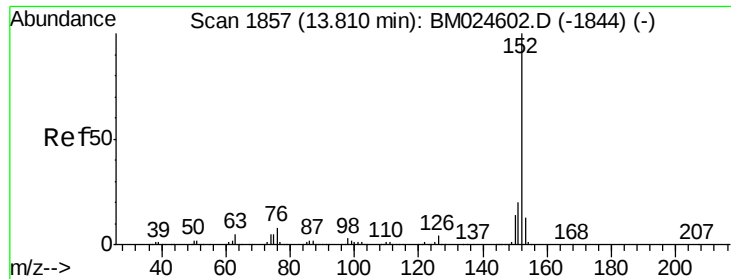
mohammad  
1/30/2020 10:18:41 AM



#48  
2-Nitroaniline  
Concen: 35.415 ng  
RT: 13.16 min Scan# 1746  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.1  | 55.4  | 83.2  |
| 138     | 121.2 | 86.6  | 129.8 |





#49

Acenaphthylene

Concen: 47.558 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:152 Resp: 3245890

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.4  | 15.8  | 23.6  |
| 153 | 12.8  | 10.4  | 15.6  |

152 100

151 19.4 15.8 23.6

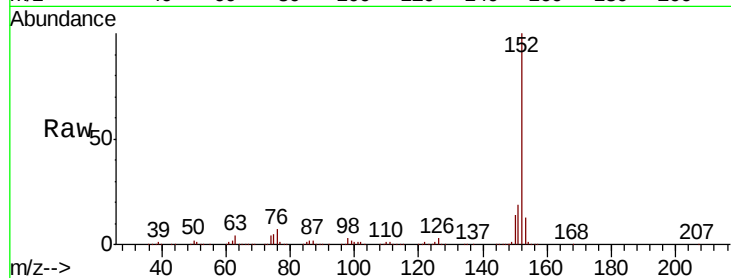
153 12.8 10.4 15.6

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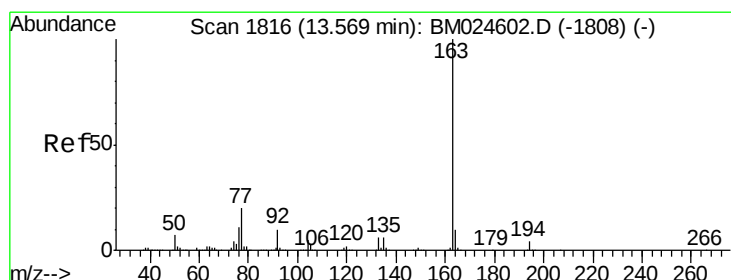
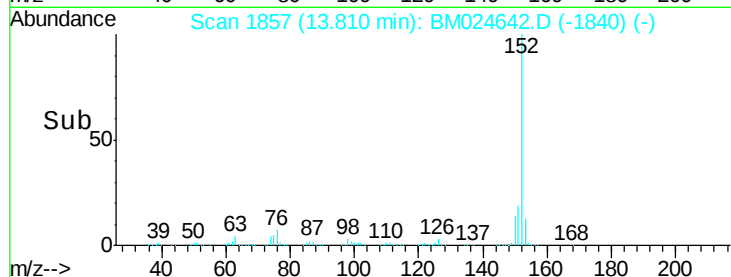
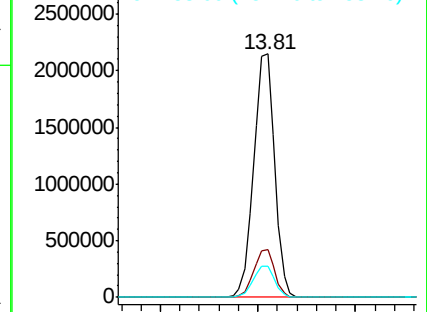


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.205 ng

RT: 13.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

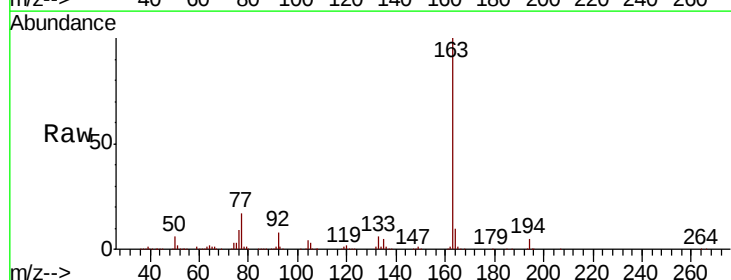
Tgt Ion:163 Resp: 2667450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.4   | 5.0   |
| 164 | 10.0  | 8.0   | 12.0  |

163 100

194 4.5 3.4 5.0

164 10.0 8.0 12.0

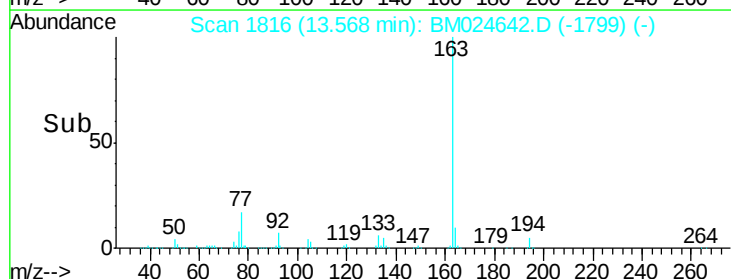
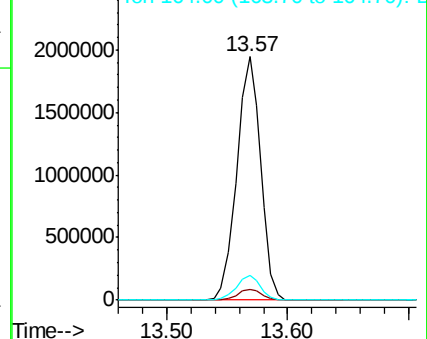


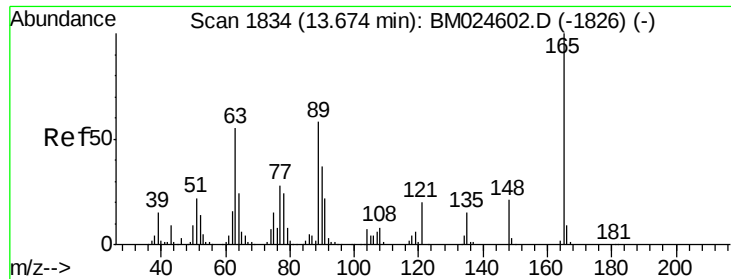
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





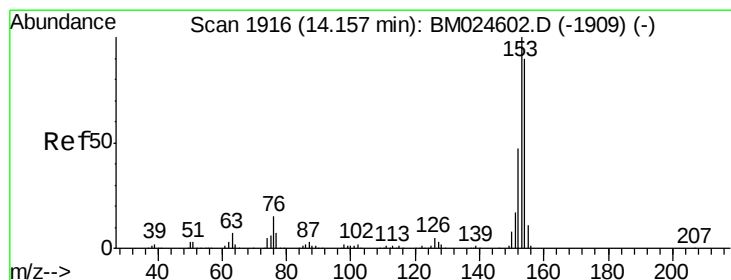
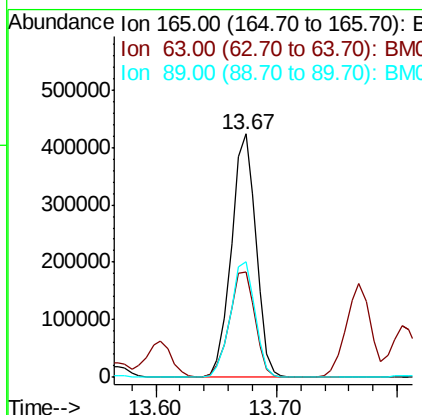
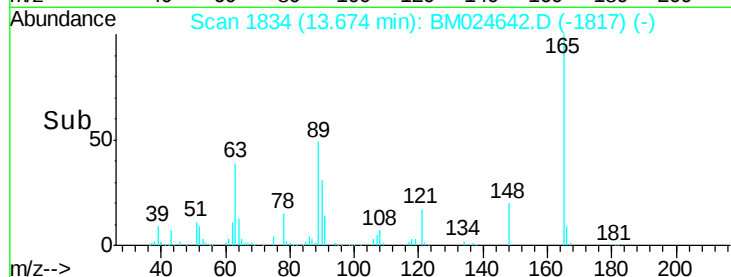
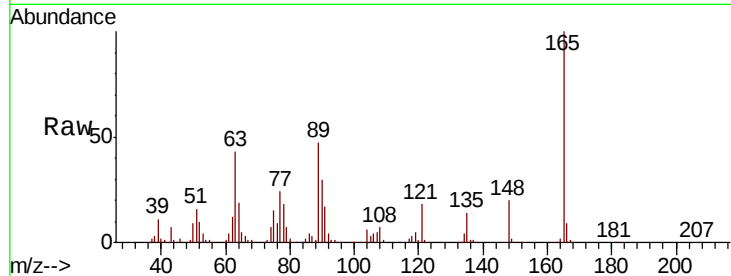
#51  
2,6-Dinitrotoluene  
Concen: 46.795 ng  
RT: 13.67 min Scan# 1834  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampled :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.3  | 45.4  | 68.0# |
| 89      | 47.4  | 46.6  | 69.8  |

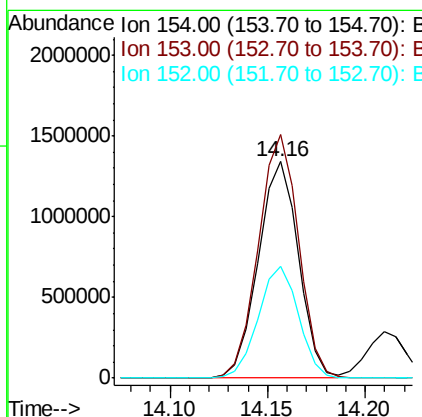
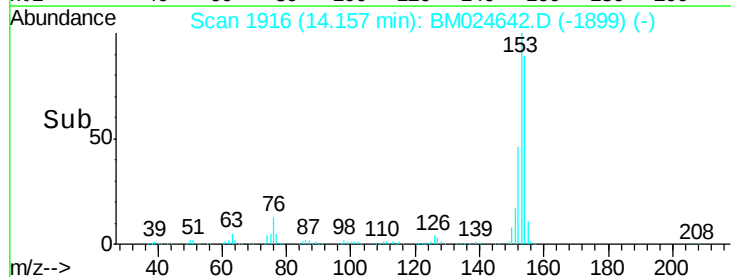
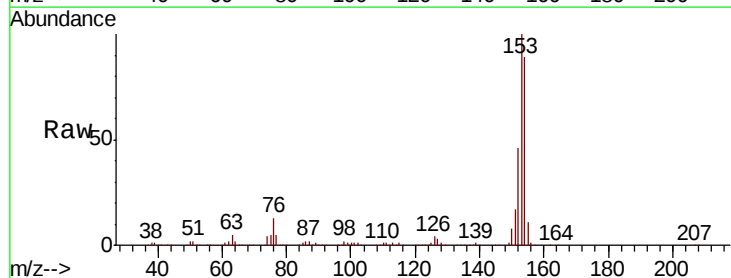
Manual Integrations  
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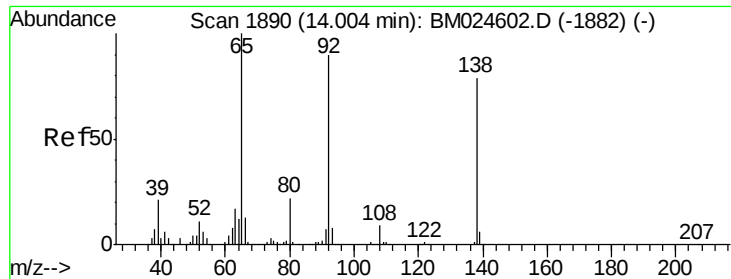
mohammad  
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#52  
Acenaphthene  
Concen: 45.250 ng  
RT: 14.16 min Scan# 1916  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.7 | 89.1  | 133.7 |
| 152     | 51.5  | 41.9  | 62.9  |





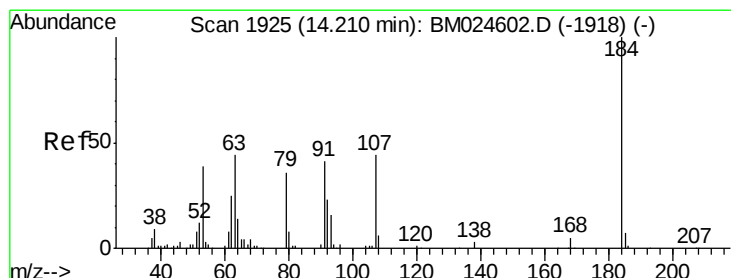
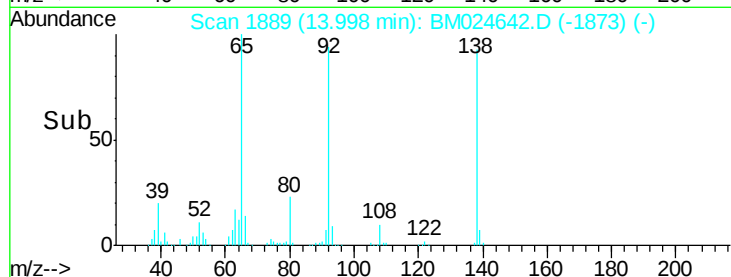
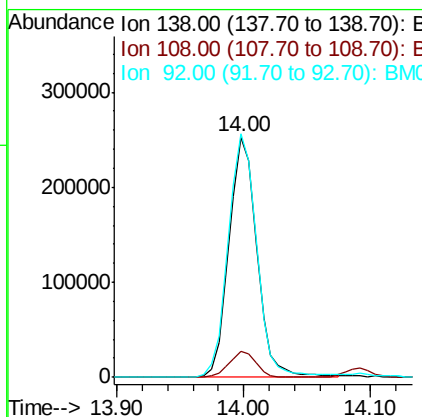
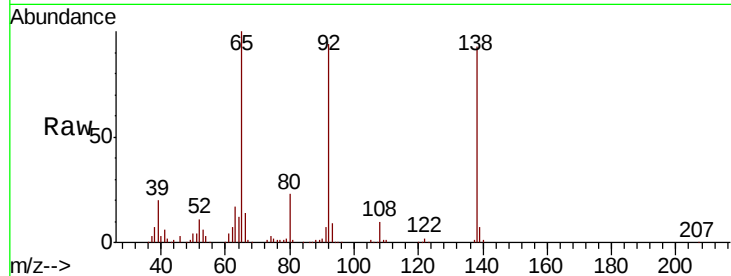
#53  
3-Nitroaniline  
Concen: 28.972 ng  
RT: 14.00 min Scan# 1889  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.9  | 8.7   | 13.1  |
| 92      | 101.4 | 91.0  | 136.4 |

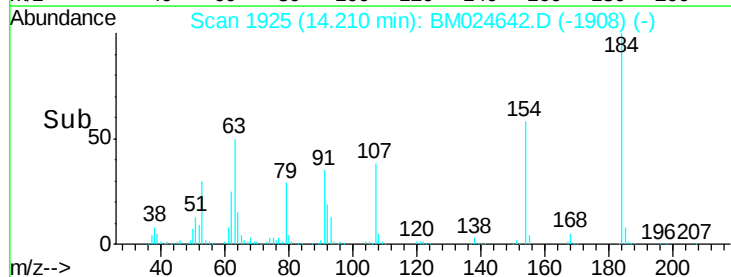
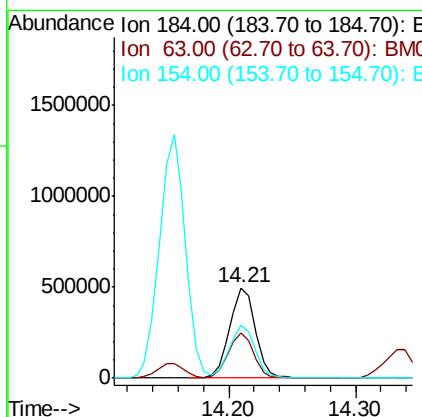
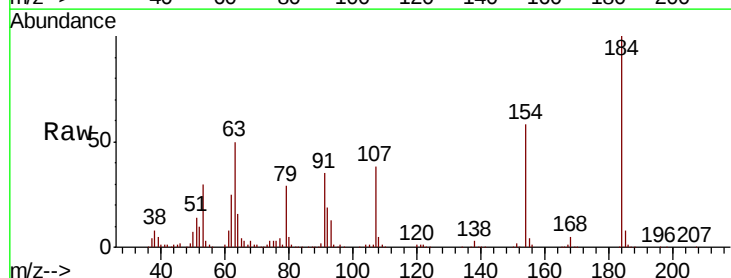
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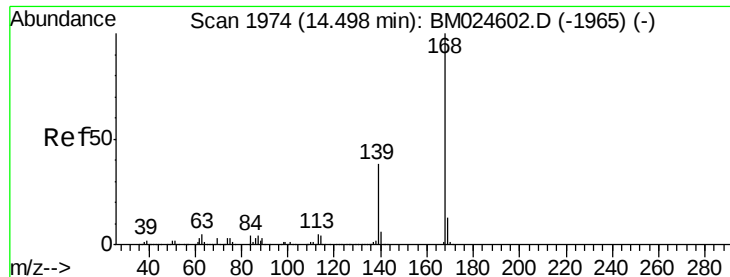
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 91.013 ng  
RT: 14.21 min Scan# 1925  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 49.9  | 51.8  | 77.8# |
| 154     | 58.3  | 50.2  | 75.4  |





#55

Dibenzofuran

Concen: 46.474 ng

RT: 14.50 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:168 Resp: 3209983

Ion Ratio Lower Upper

168 100

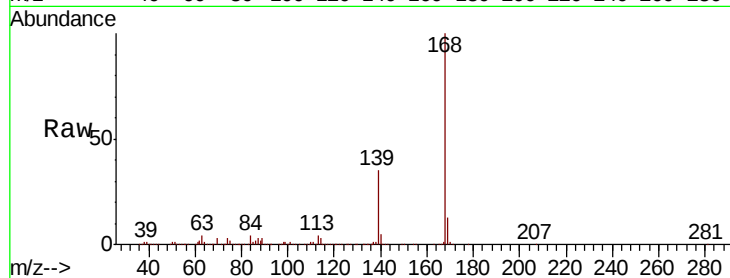
139 34.7 30.2 45.4

169 13.3 10.7 16.1

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Abundance Ion 168.00 (167.70 to 168.70): E

3000000 Ion 139.00 (138.70 to 139.70): E

2500000 Ion 169.00 (168.70 to 169.70): E

2000000

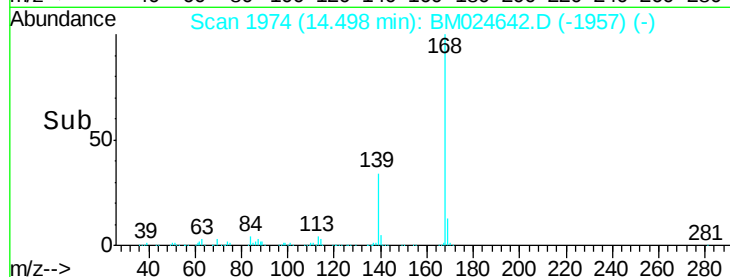
1500000

1000000

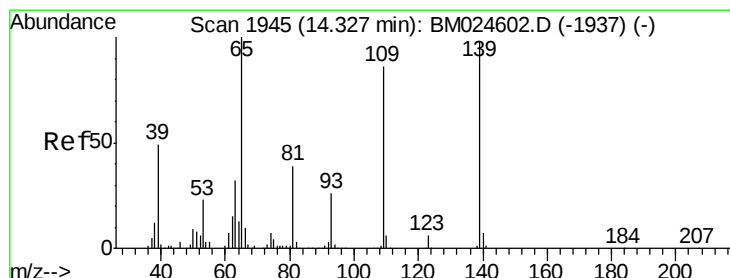
500000

0

Time-->



Time-->



#56

4-Nitrophenol

Concen: 91.377 ng

RT: 14.34 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

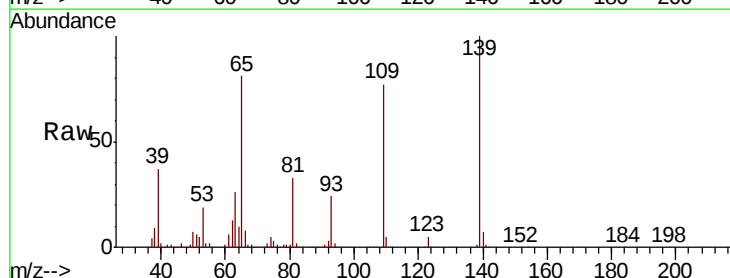
Tgt Ion:139 Resp: 950457

Ion Ratio Lower Upper

139 100

109 77.4 67.4 107.4

65 81.5 82.1 122.1#



Abundance Ion 139.00 (138.70 to 139.70): E

800000 Ion 109.00 (108.70 to 109.70): E

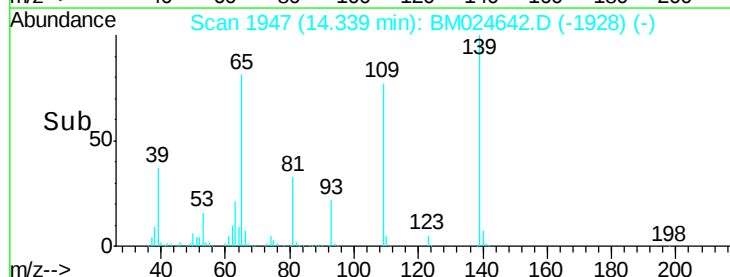
600000 Ion 65.00 (64.70 to 65.70): BM

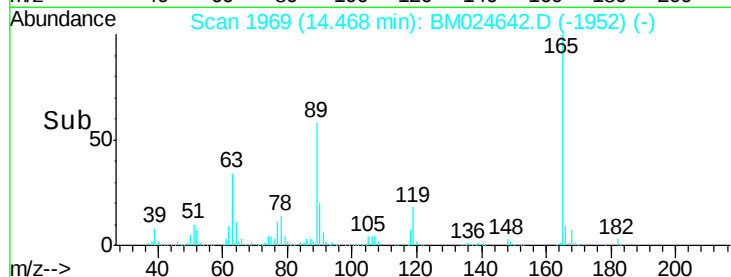
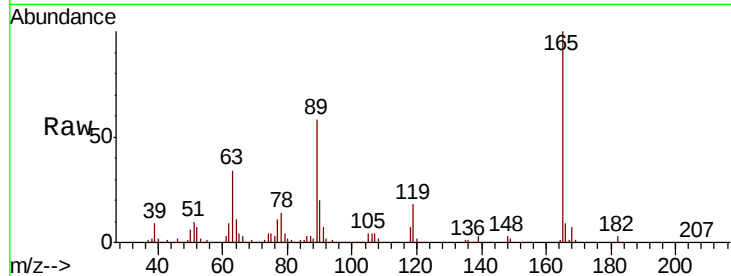
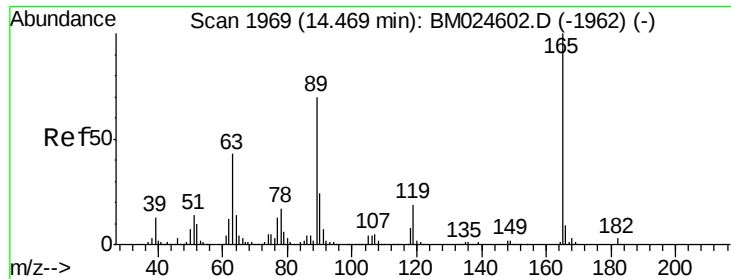
400000

200000

0

Time-->





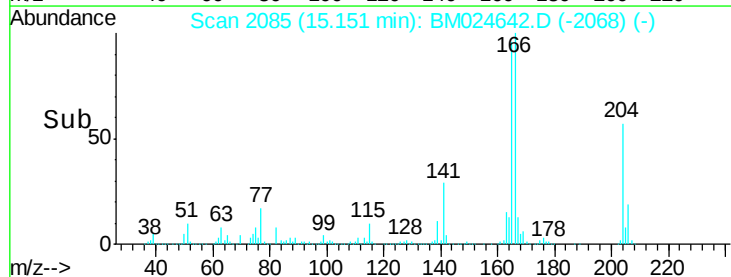
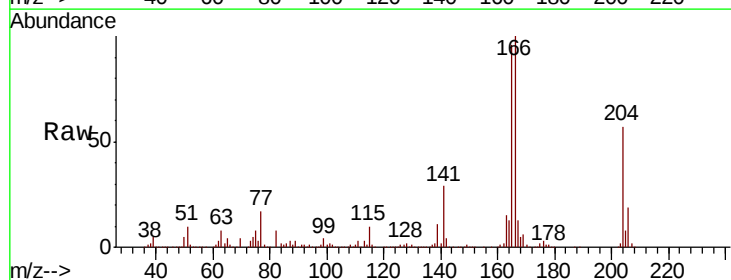
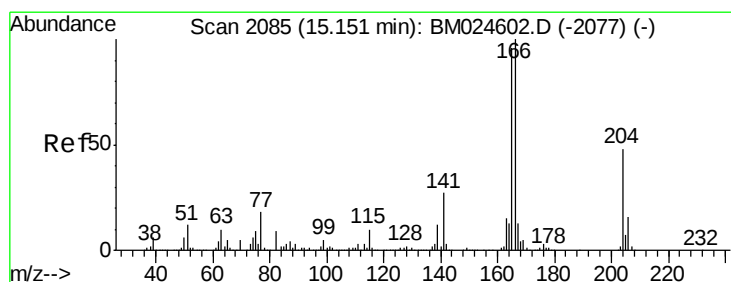
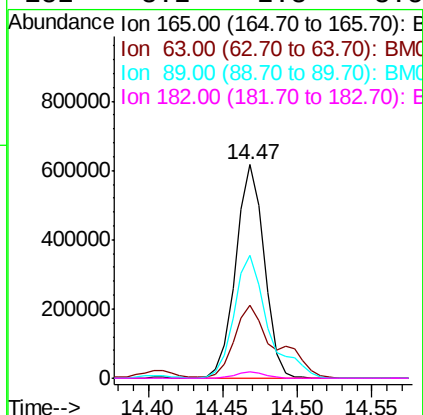
#57  
2,4-Dinitrotoluene  
Concen: 44.592 ng  
RT: 14.47 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 819909 |       |       |
| 63      | 34.1  |        | 34.5  | 51.7# |
| 89      | 57.8  |        | 55.8  | 83.8  |
| 182     | 3.2   |        | 2.3   | 3.5   |

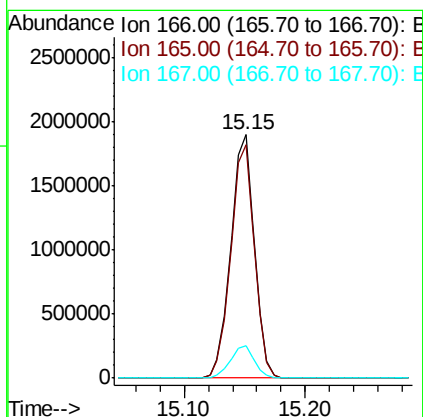
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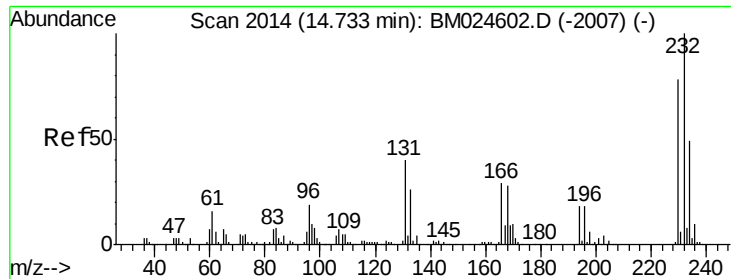
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#58  
Fluorene  
Concen: 44.613 ng  
RT: 15.15 min Scan# 2085  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 2589591 |       |       |
| 165     | 95.7  |         | 76.6  | 114.8 |
| 167     | 13.2  |         | 10.8  | 16.2  |





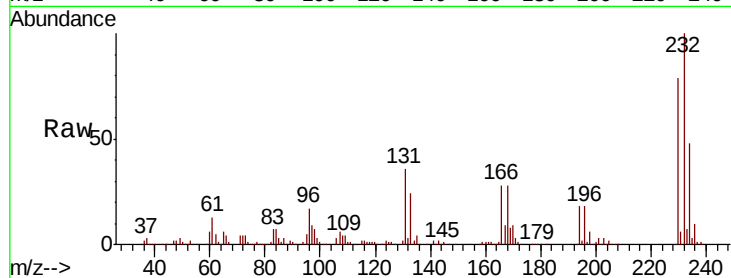
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.792 ng  
RT: 14.73 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

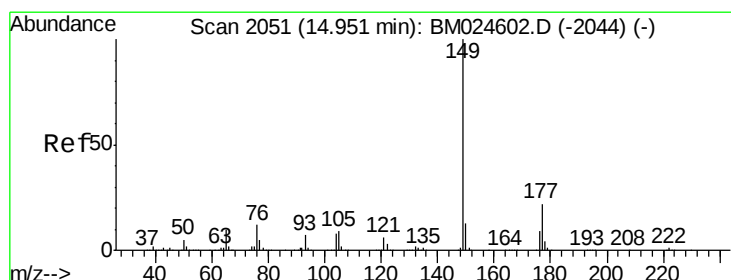
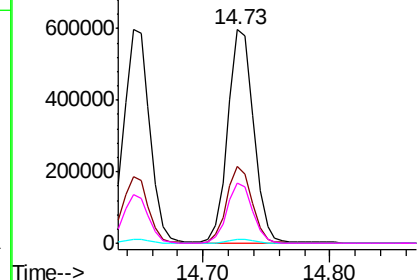
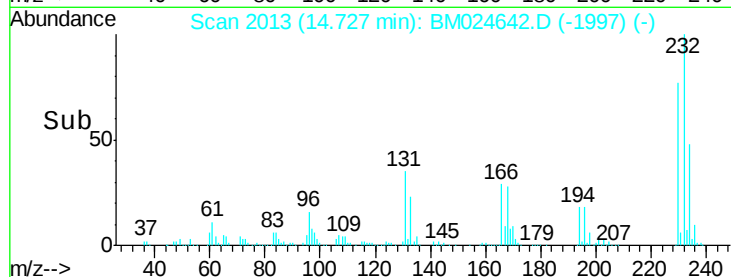
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 35.4  | 32.2  | 48.4  |
| 130     | 1.9   | 1.9   | 2.9   |
| 166     | 27.9  | 23.4  | 35.0  |

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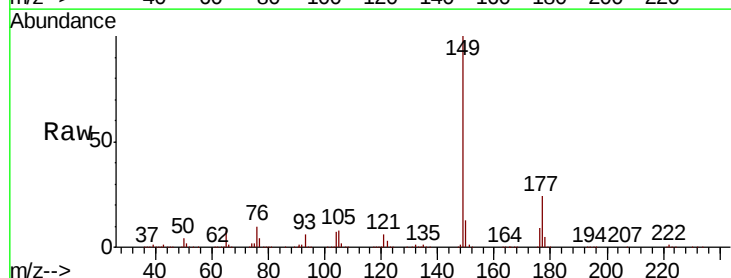


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

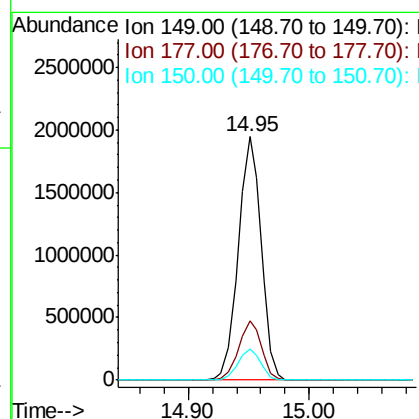
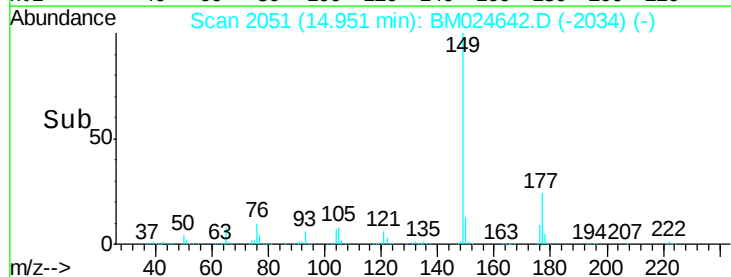


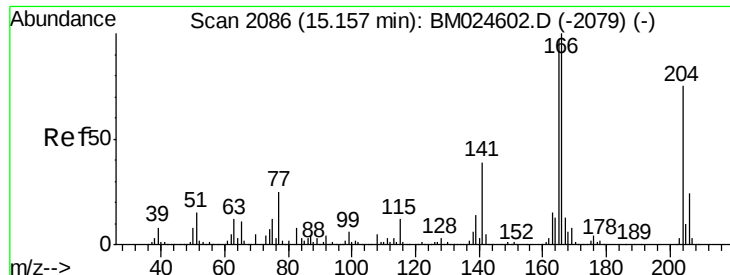
#60  
Diethylphthalate  
Concen: 41.927 ng  
RT: 14.95 min Scan# 2051  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.3  | 18.0  | 27.0  |
| 150     | 12.7  | 10.2  | 15.4  |



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





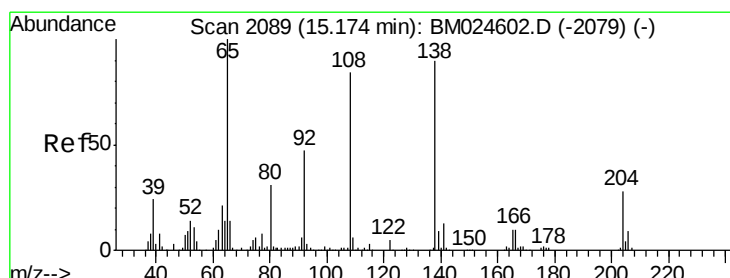
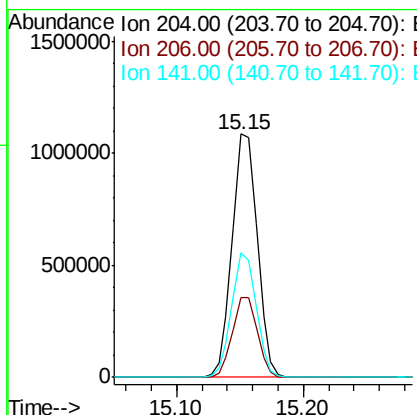
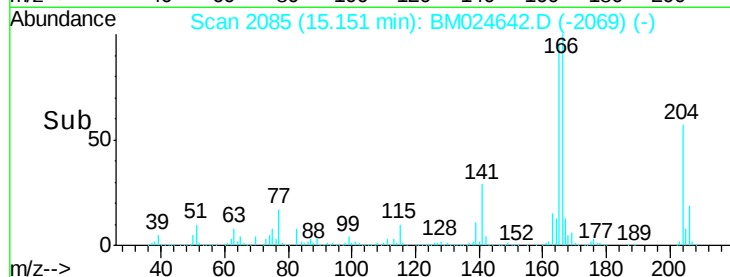
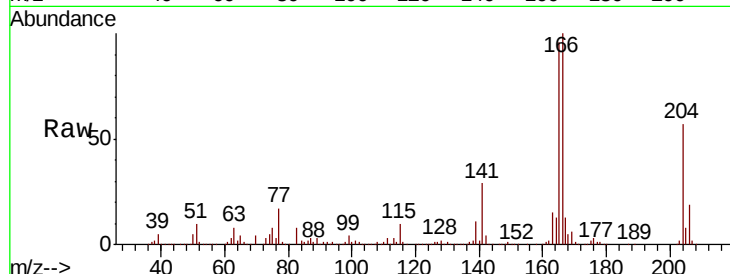
#61  
 4-Chlorophenyl-phenylether  
 Concen: 44.553 ng  
 RT: 15.15 min Scan# 2085  
 Delta R.T. -0.01 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.2  | 39.2  |
| 141     | 51.2  | 42.2  | 63.2  |

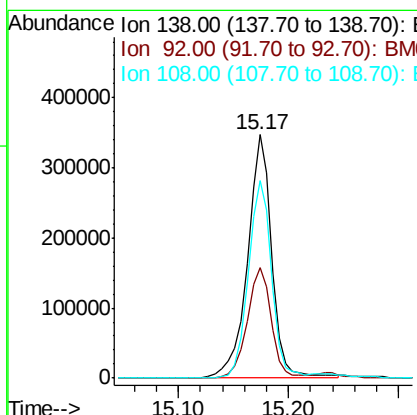
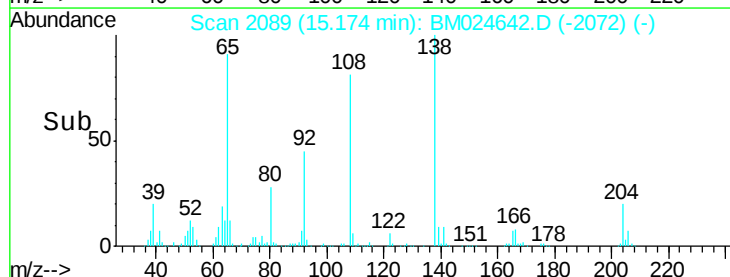
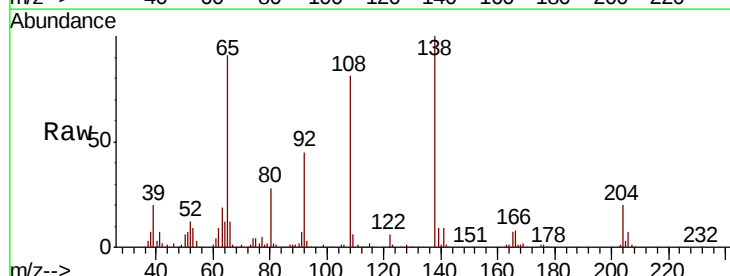
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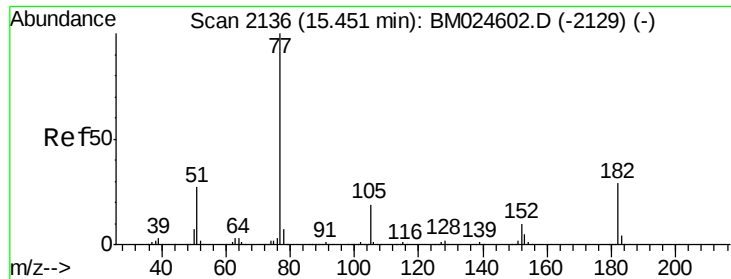
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#62  
 4-Nitroaniline  
 Concen: 36.441 ng  
 RT: 15.17 min Scan# 2089  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.5  | 32.4  | 72.4  |
| 108     | 81.3  | 73.3  | 113.3 |





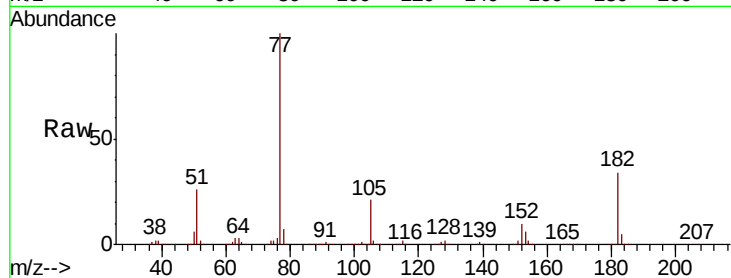
#63  
Azobenzene  
Concen: 38.775 ng  
RT: 15.44 min Scan# 2135  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 33.5  | 8.7   | 48.7  |
| 105     | 20.8  | 0.0   | 39.2  |
| 51      | 26.1  | 7.5   | 47.5  |

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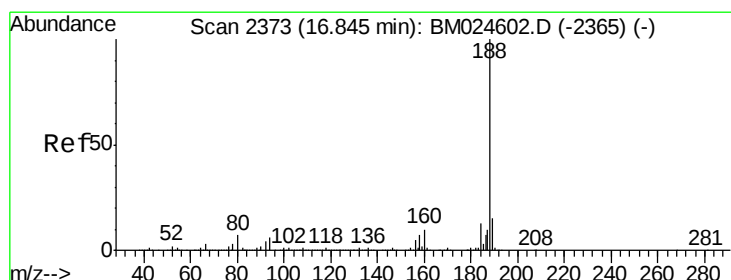
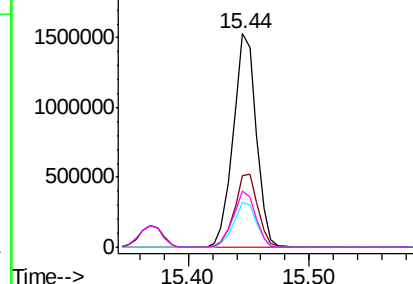
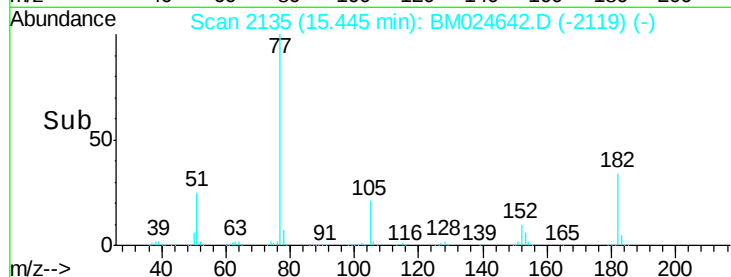
Abundance

Ion 77.00 (76.70 to 77.70): BM024642.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024642.D (-2119) (-)

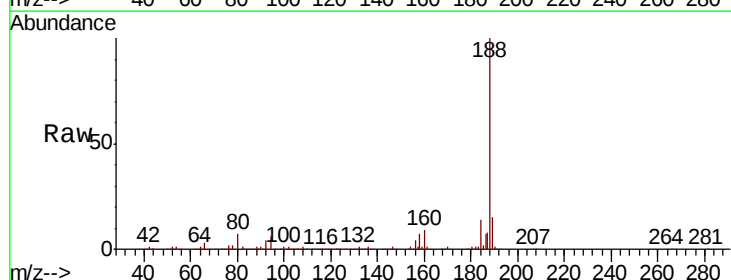
Ion 105.00 (104.70 to 105.70): BM024642.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024642.D (-2119) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.84 min Scan# 2372  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.2   | 5.0   | 7.6   |
| 80      | 6.9   | 5.8   | 8.8   |

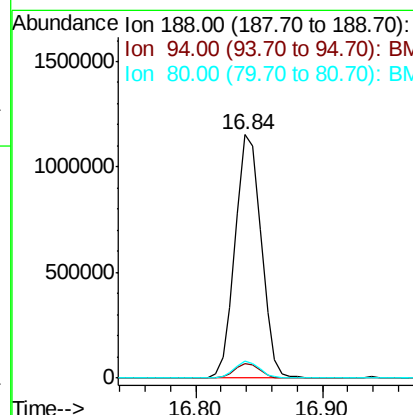
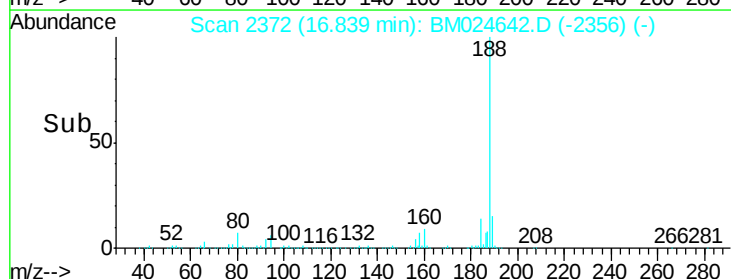


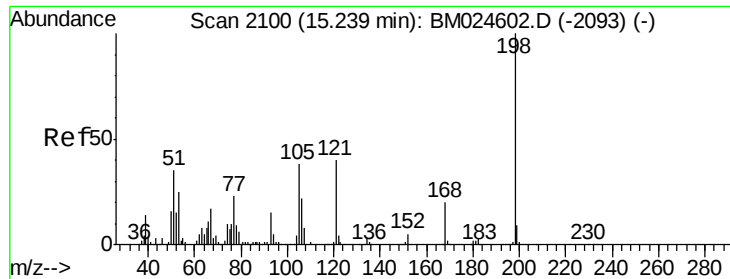
Abundance

Ion 188.00 (187.70 to 188.70): BM024642.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024642.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024642.D (-2356) (-)





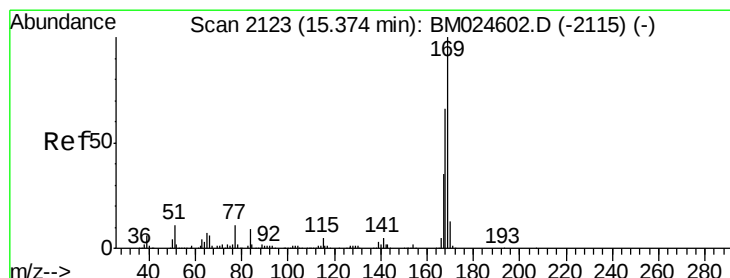
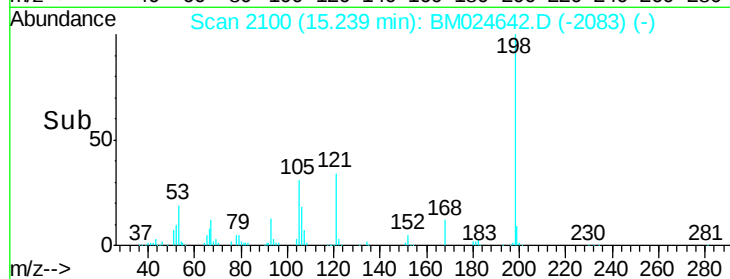
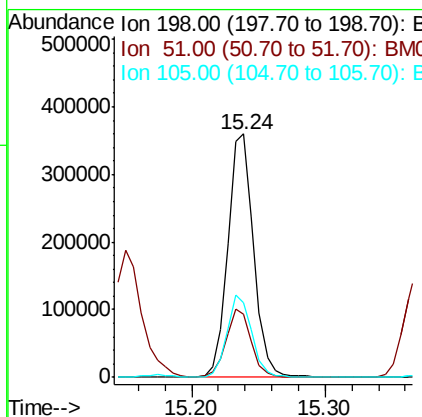
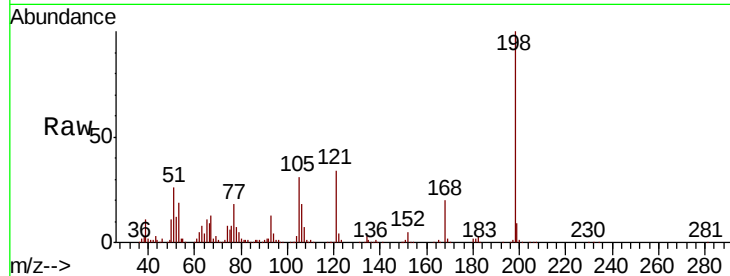
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.879 ng  
 RT: 15.24 min Scan# 2100  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB126393BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 489327 |       |       |
| 51      | 25.8  |        | 15.8  | 55.8  |
| 105     | 30.9  |        | 18.5  | 58.5  |

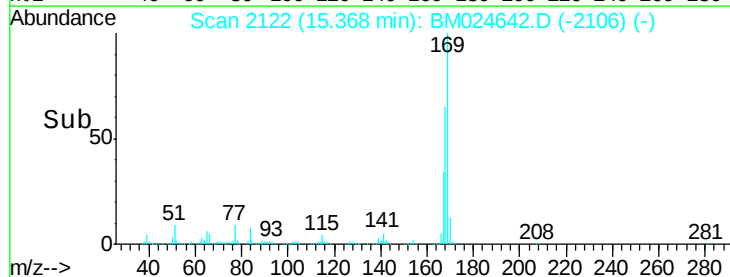
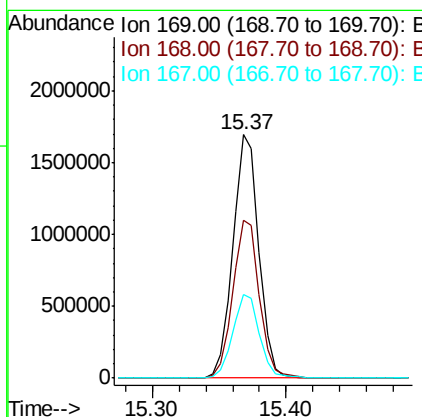
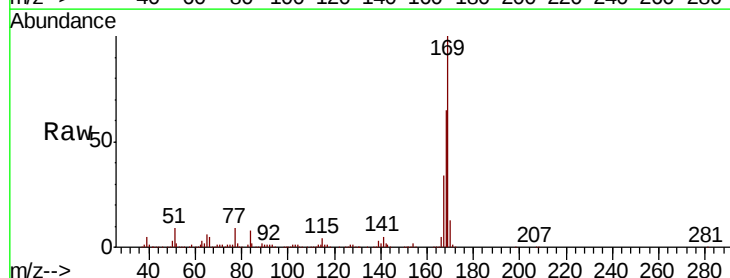
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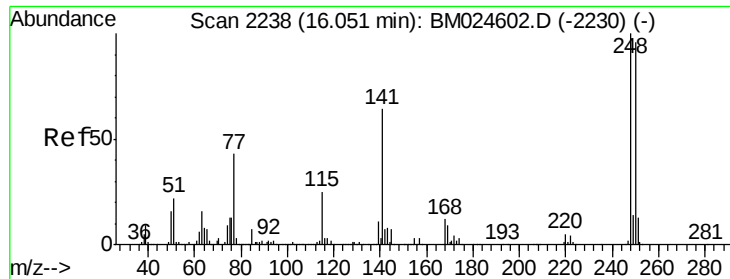
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#66  
 n-Nitrosodiphenylamine  
 Concen: 48.629 ng  
 RT: 15.37 min Scan# 2122  
 Delta R.T. -0.01 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 2284842 |       |       |
| 168     | 64.8  |         | 52.8  | 79.2  |
| 167     | 34.2  |         | 28.2  | 42.2  |





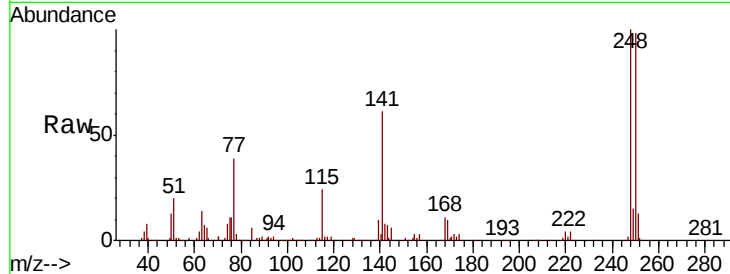
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.012 ng  
 RT: 16.04 min Scan# 2237  
 Delta R.T. -0.01 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB126393BS

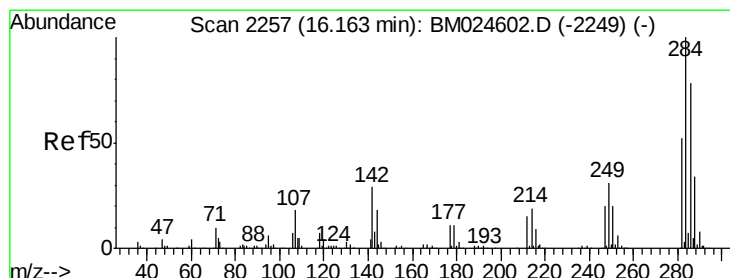
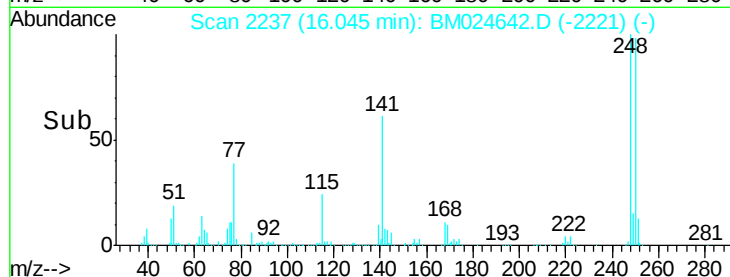
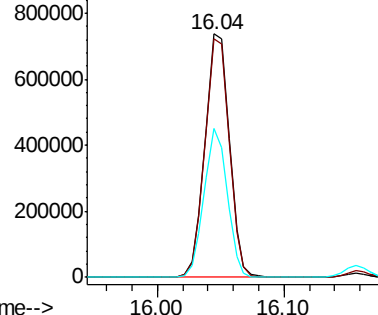
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 976622 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.0  | 77.0  | 115.6  |
| 141       | 61.0  | 50.9  | 76.3   |

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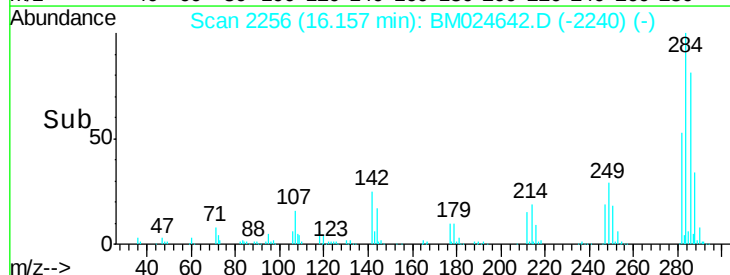
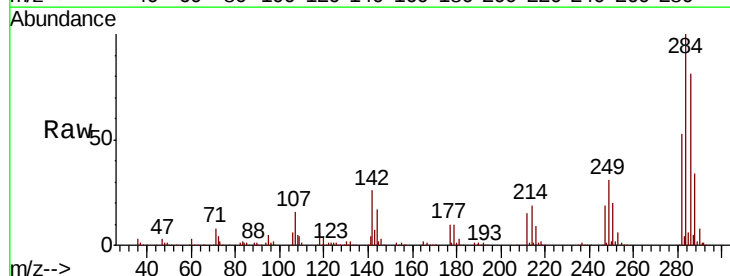
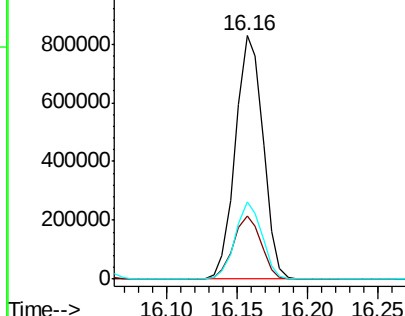
Abundance Ion 248.00 (247.70 to 248.70): E  
 1000000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

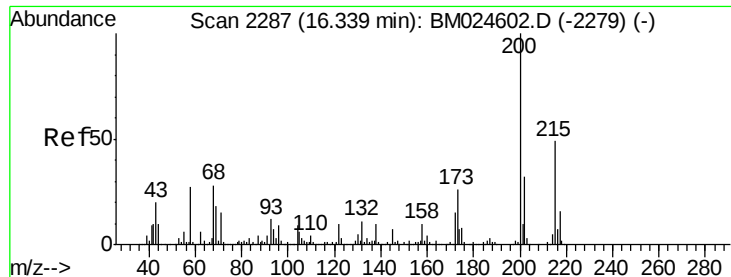


#68  
 Hexachlorobenzene  
 Concen: 48.435 ng  
 RT: 16.16 min Scan# 2256  
 Delta R.T. -0.01 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 284   | Resp: | 1130598 |
| Ion Ratio | Lower | Upper |         |
| 284       | 100   |       |         |
| 142       | 26.0  | 23.5  | 35.3    |
| 249       | 31.5  | 24.6  | 36.8    |

Abundance Ion 283.80 (283.50 to 284.50): E  
 1000000 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





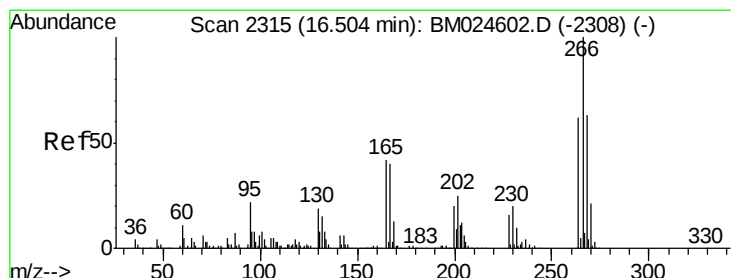
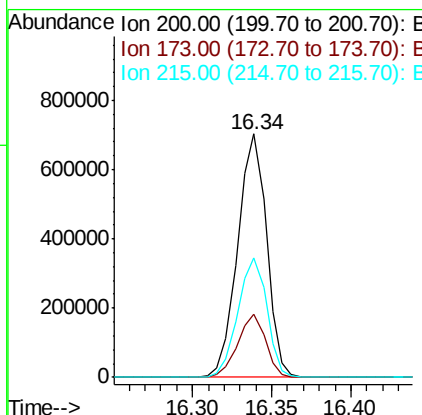
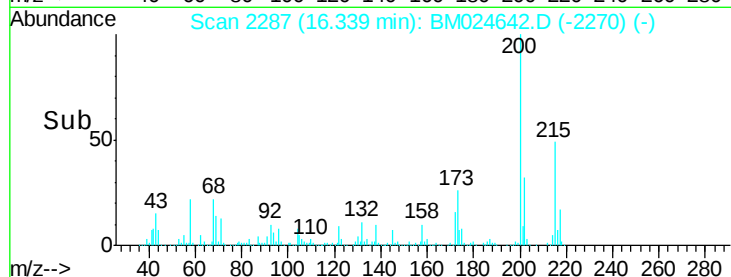
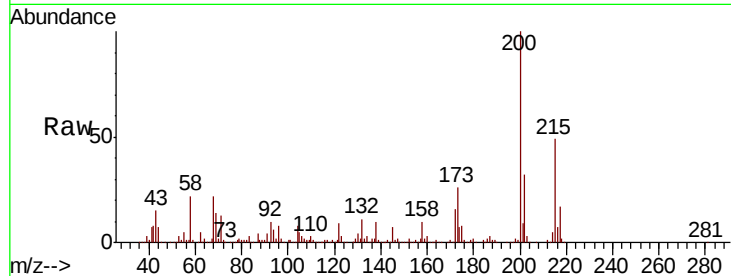
#69  
Atrazine  
Concen: 49.282 ng  
RT: 16.34 min Scan# 2287  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleID :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 5.5   | 45.5  |
| 215     | 49.0  | 29.4  | 69.4  |

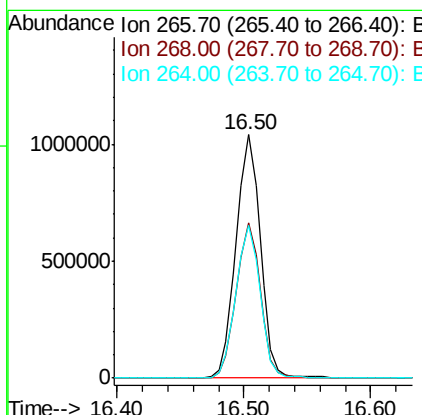
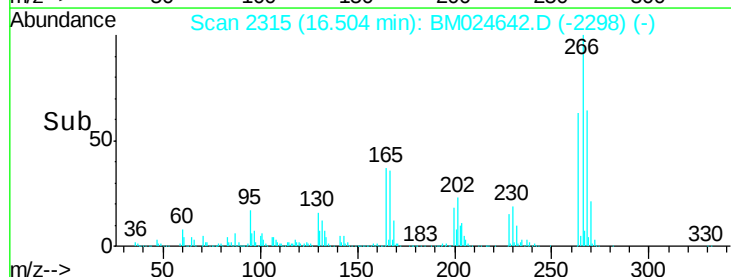
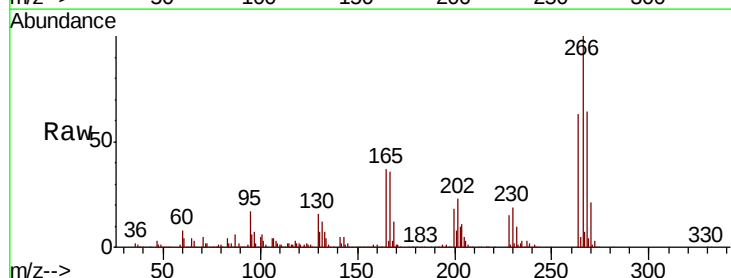
Manual Integrations  
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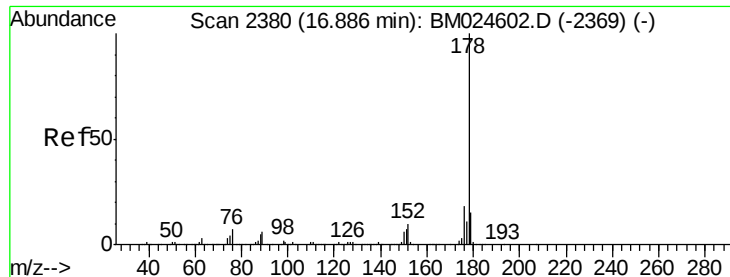
mohammad  
1/30/2020 10:18:41 AM



#70  
Pentachlorophenol  
Concen: 97.800 ng  
RT: 16.50 min Scan# 2315  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 50.4  | 75.6  |
| 264     | 62.5  | 49.9  | 74.9  |





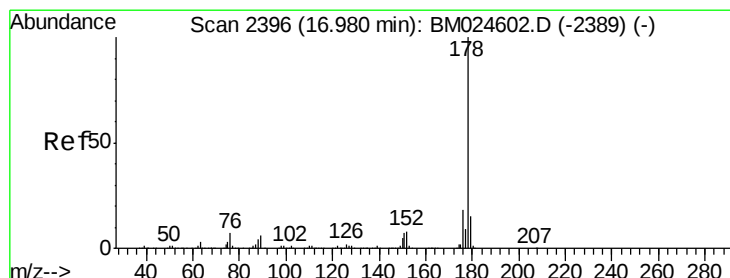
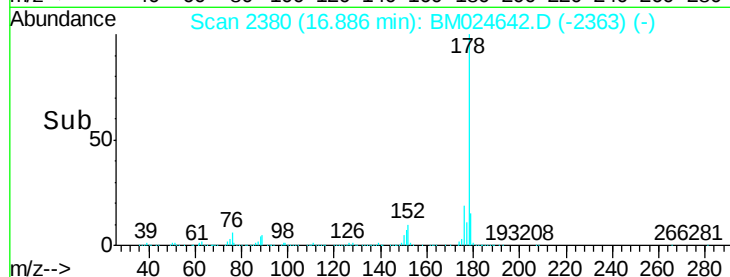
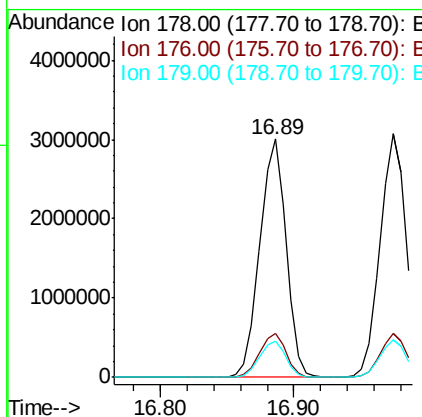
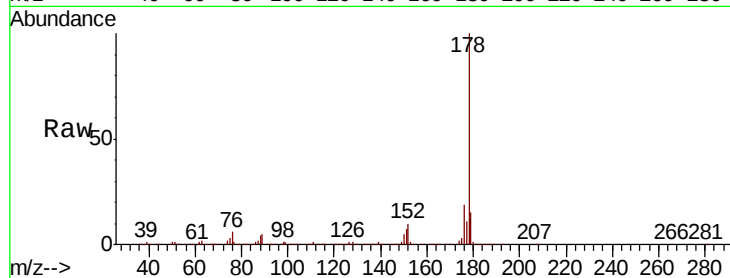
#71  
Phenanthrene  
Concen: 46.112 ng  
RT: 16.89 min Scan# 2380  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 14.5  | 21.7  |
| 179     | 15.3  | 11.9  | 17.9  |

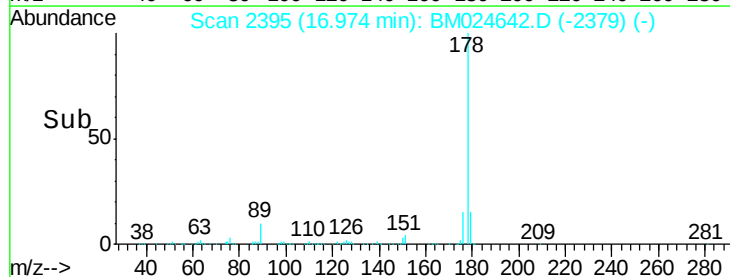
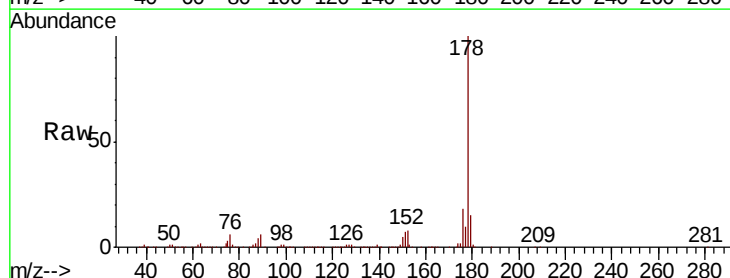
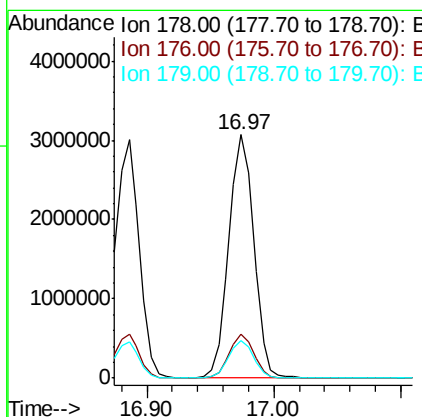
Manual Integrations  
APPROVED

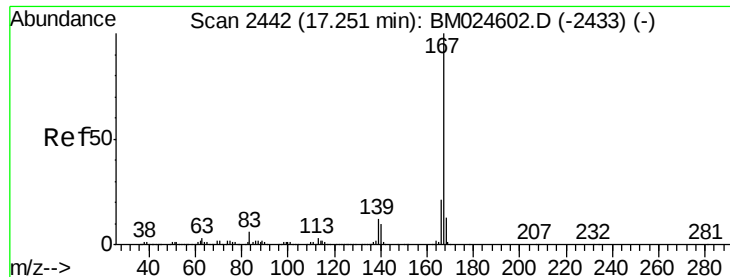
mohammad  
1/30/2020 10:18:41 AM



#72  
Anthracene  
Concen: 47.980 ng  
RT: 16.97 min Scan# 2395  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 14.3  | 21.5  |
| 179     | 15.3  | 12.1  | 18.1  |





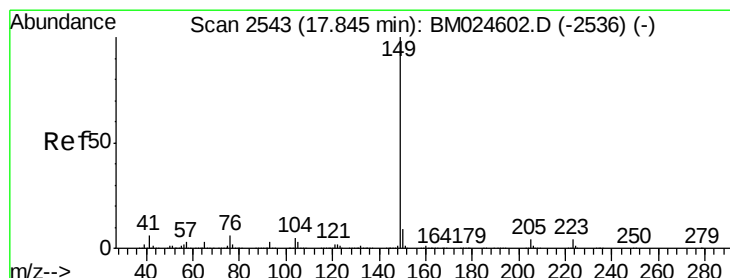
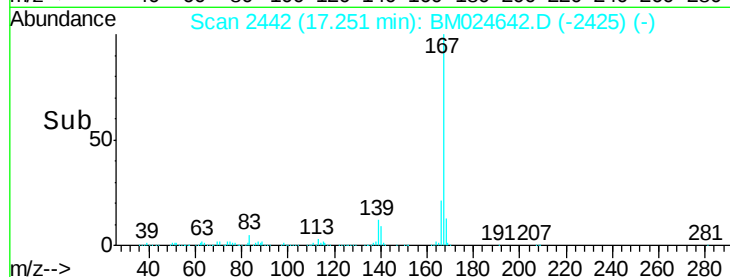
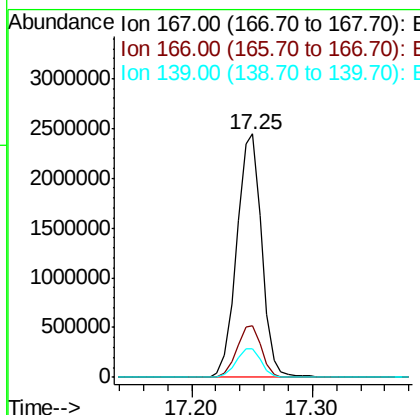
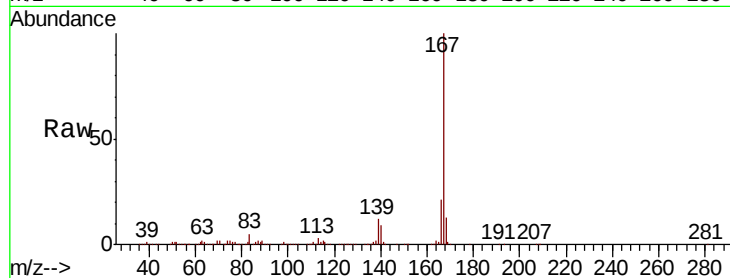
#73  
 Carbazole  
 Concen: 44.467 ng  
 RT: 17.25 min Scan# 2442  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB126393BS

Tot Ion:167 Resp: 3508347  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.1 25.7  
 139 11.7 9.8 14.8

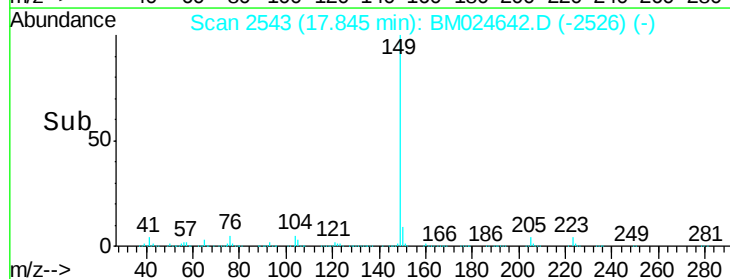
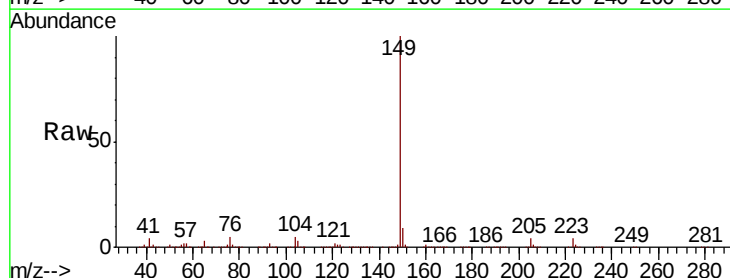
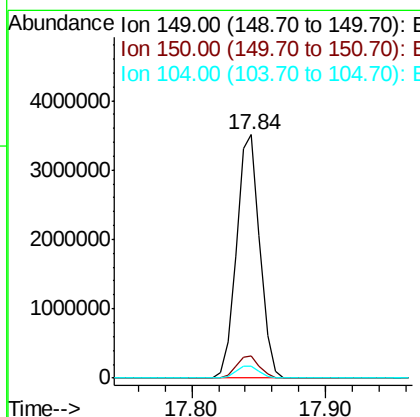
Manual Integrations  
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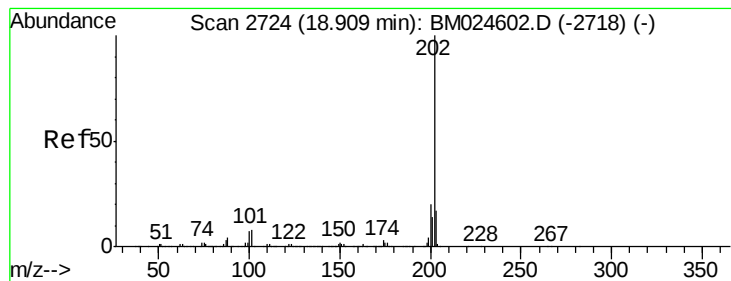
mohammad  
 1/30/2020 10:18:41 AM



#74  
 Di-n-butylphthalate  
 Concen: 42.010 ng  
 RT: 17.84 min Scan# 2543  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Tgt Ion:149 Resp: 4237315  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 4.7 4.3 6.5





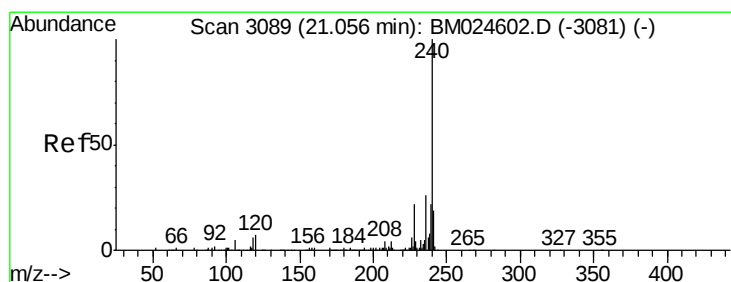
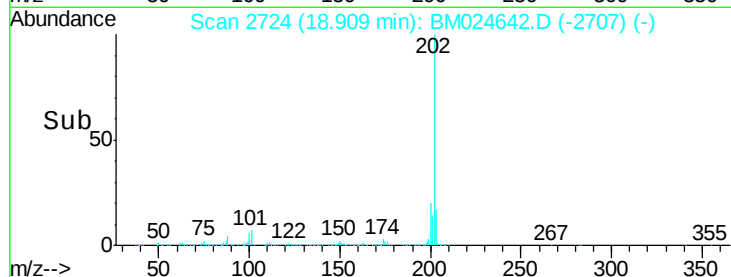
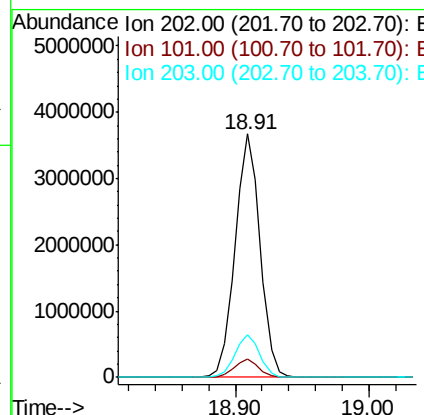
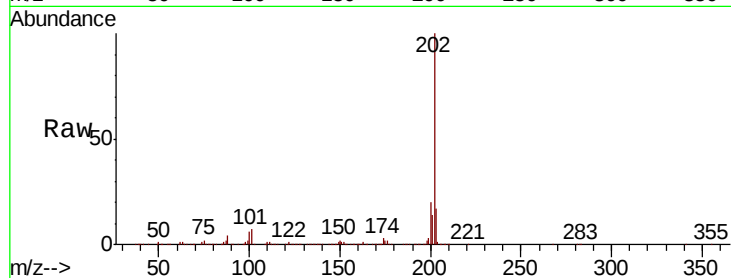
#75  
 Fluoranthene  
 Concen: 43.291 ng  
 RT: 18.91 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.4   | 0.0   | 28.4  |
| 203     | 17.3  | 0.0   | 37.5  |

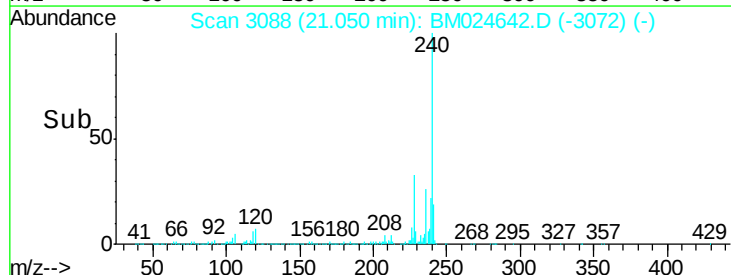
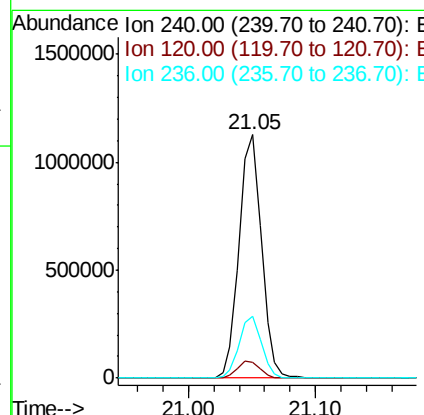
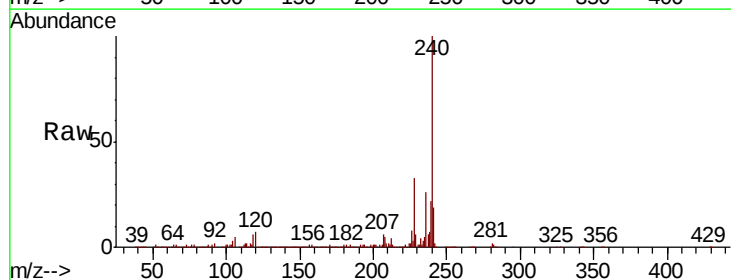
Manual Integrations  
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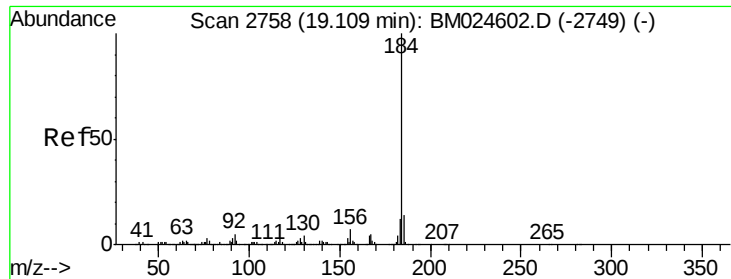
mohammad  
 1/30/2020 10:18:41 AM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.05 min Scan# 3088  
 Delta R.T. -0.01 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.6   | 5.3   | 7.9   |
| 236     | 25.6  | 20.6  | 31.0  |





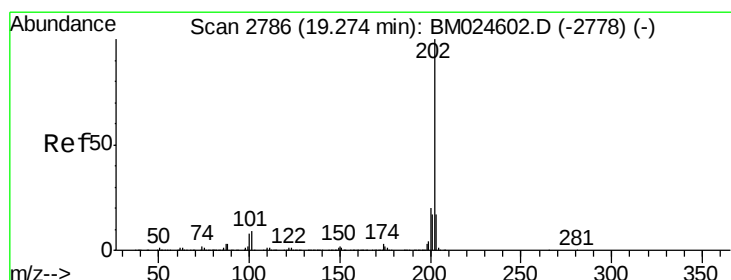
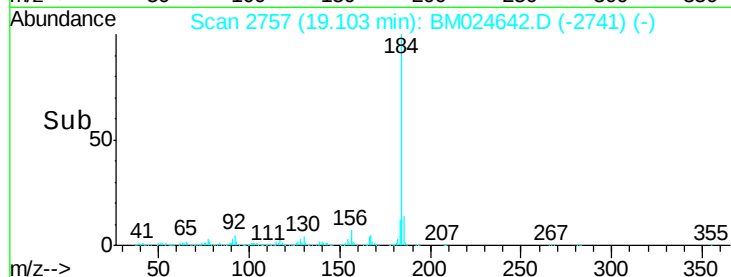
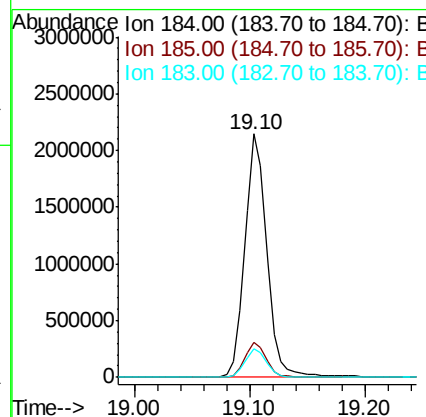
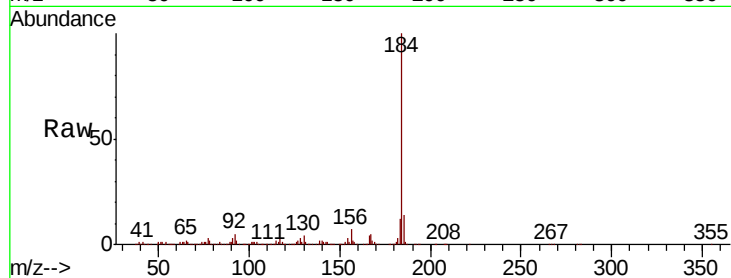
#77  
Benzidine  
Concen: 88.422 ng  
RT: 19.10 min Scan# 2757  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.5  | 11.3  | 16.9  |
| 183     | 11.6  | 9.6   | 14.4  |

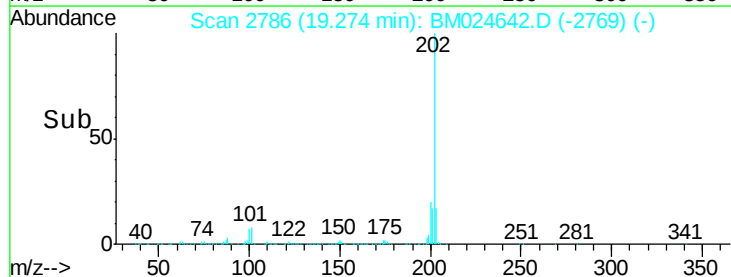
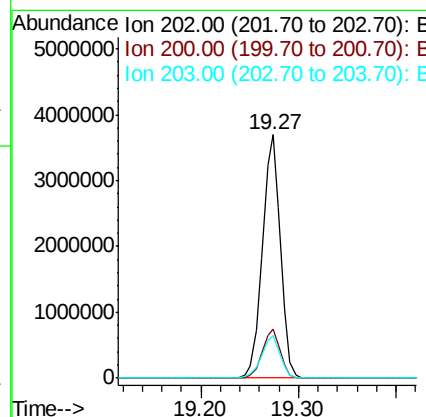
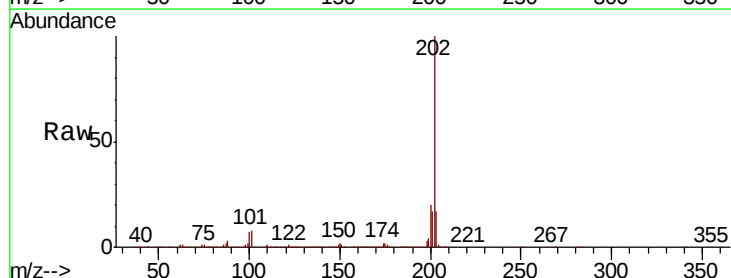
Manual Integrations  
APPROVED

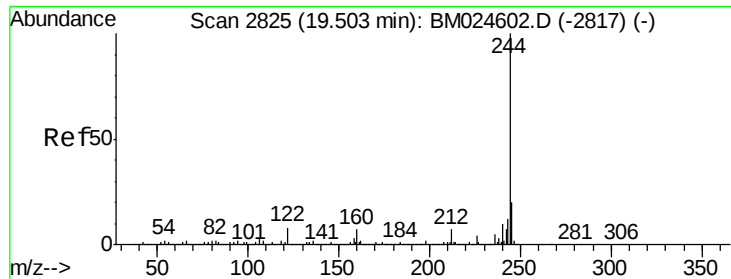
mohammad  
1/30/2020 10:18:41 AM



#78  
Pyrene  
Concen: 53.045 ng  
RT: 19.27 min Scan# 2786  
Delta R.T. -0.00 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.3  | 16.2  | 24.2  |
| 203     | 17.4  | 14.0  | 21.0  |





#79

Terphenyl-d14

Concen: 94.764 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:244 Resp: 7009762

Ion Ratio Lower Upper

244 100

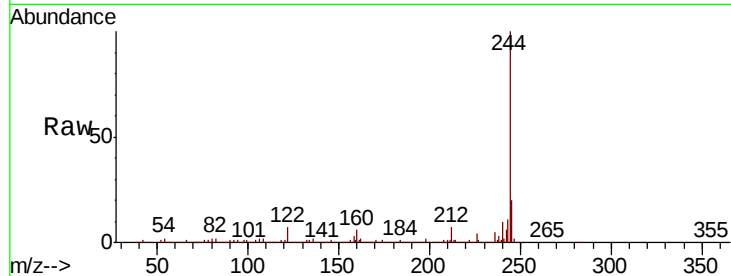
212 6.8 5.4 8.2

122 7.4 6.2 9.4

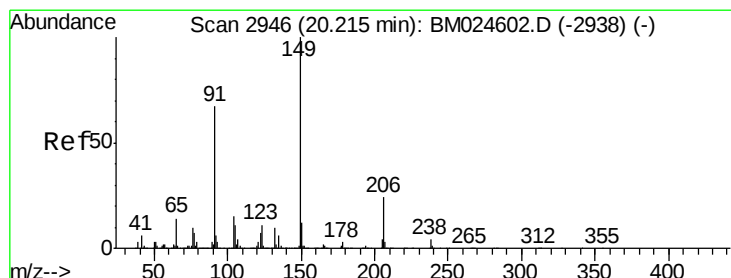
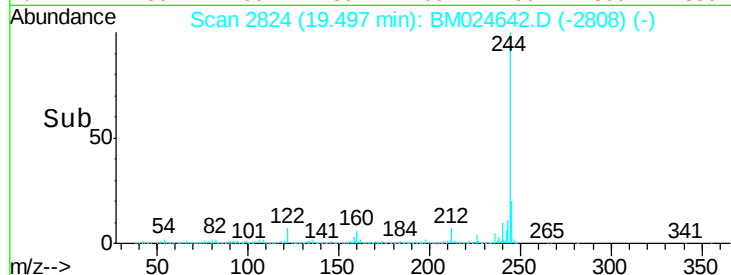
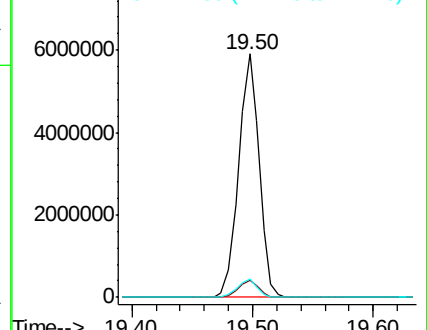
Manual Integrations  
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Abundance Ion 244.00 (243.70 to 244.70): E  
8000000  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.796 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

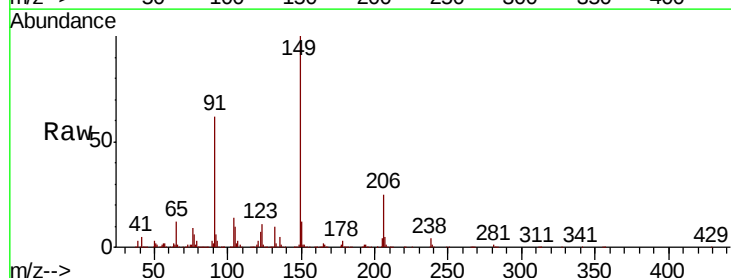
Tgt Ion:149 Resp: 1711233

Ion Ratio Lower Upper

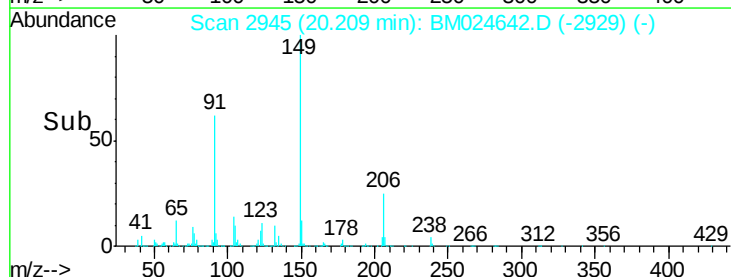
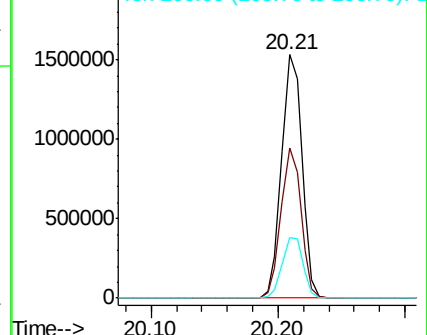
149 100

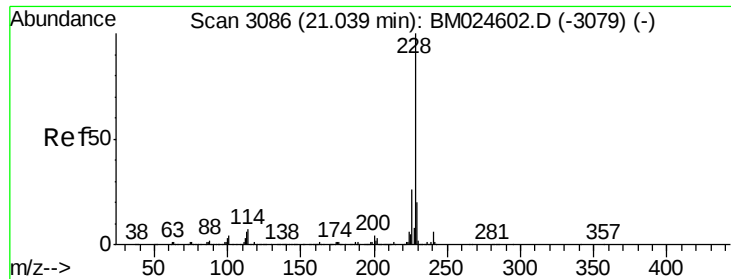
91 61.8 53.9 80.9

206 24.8 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E  
2000000  
Ion 91.00 (90.70 to 91.70): BM0  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.801 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:228 Resp: 4485692

Ion Ratio Lower Upper

228 100

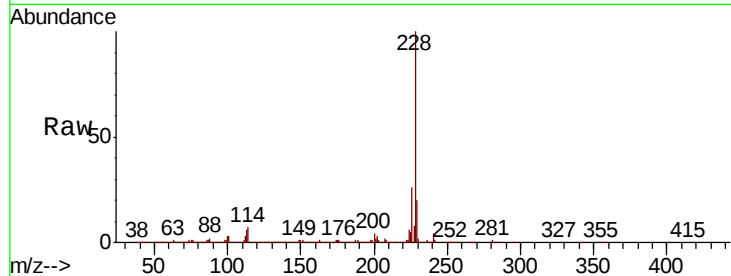
226 26.3 21.1 31.7

229 19.5 15.8 23.6

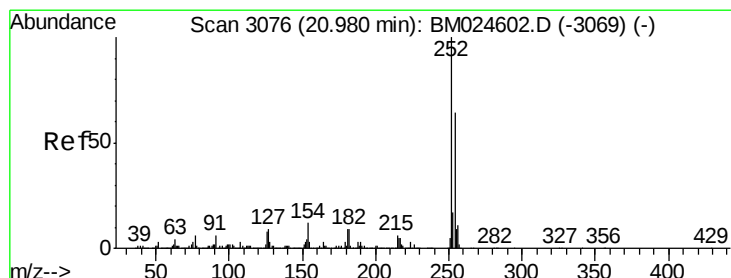
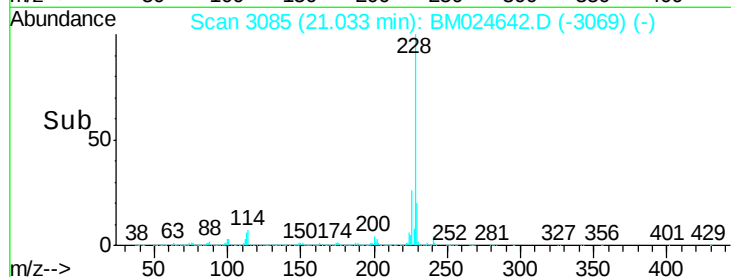
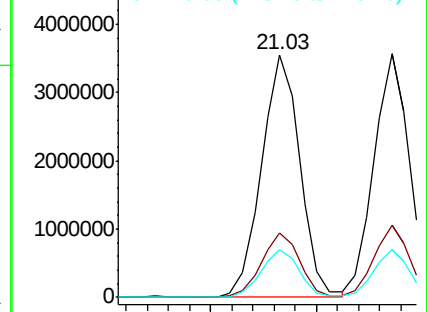
Manual Integrations  
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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.832 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

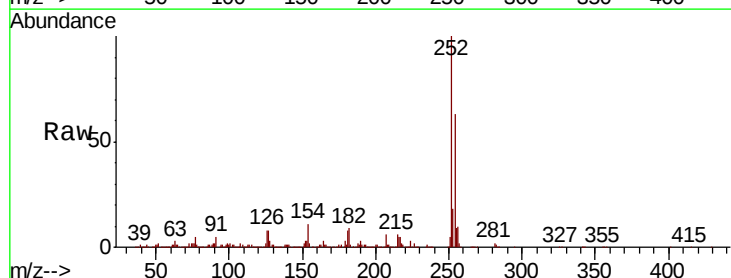
Tgt Ion:252 Resp: 1200952

Ion Ratio Lower Upper

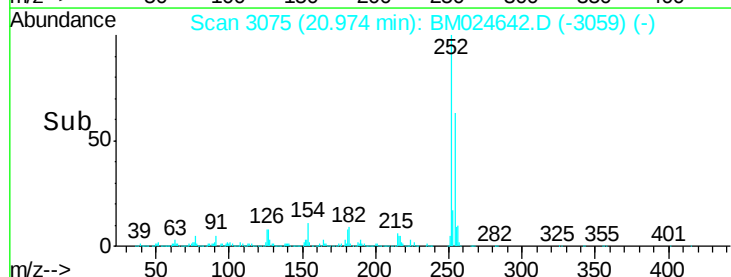
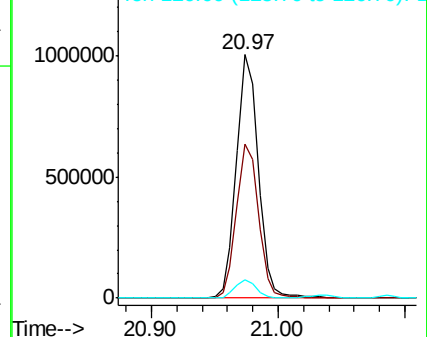
252 100

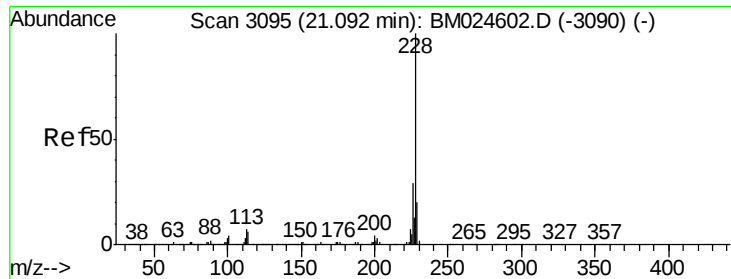
254 63.3 51.5 77.3

126 7.8 6.7 10.1



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





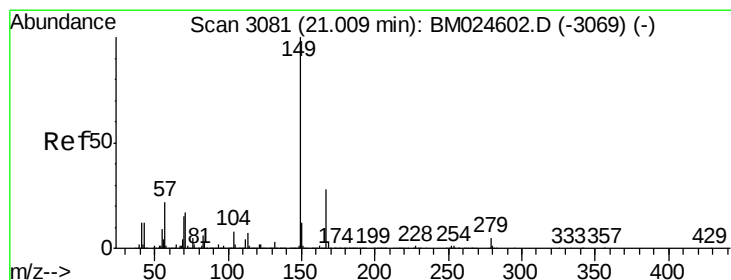
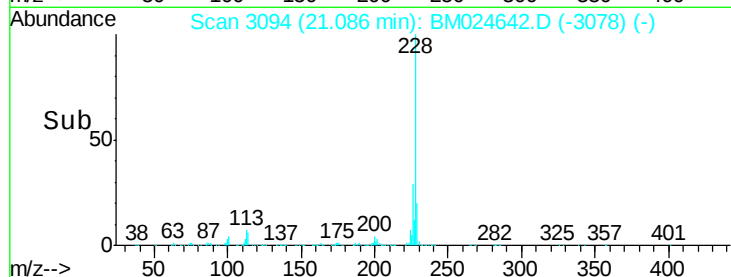
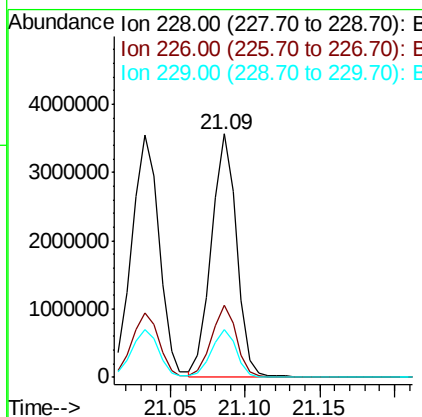
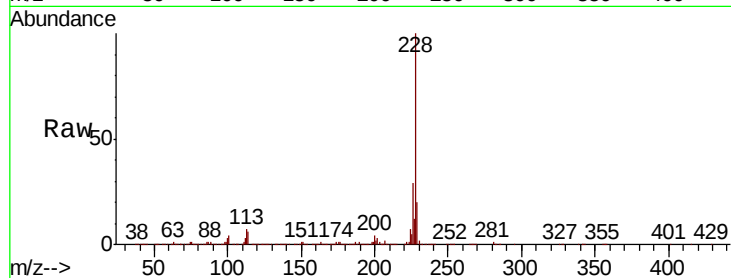
#83  
 Chrysene  
 Concen: 45.918 ng  
 RT: 21.09 min Scan# 3094  
 Delta R.T. -0.01 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB126393BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 228     | 100  |       |       |       |
| 226     | 29.4 | 23.2  | 34.8  |       |
| 229     | 19.7 | 15.7  | 23.5  |       |

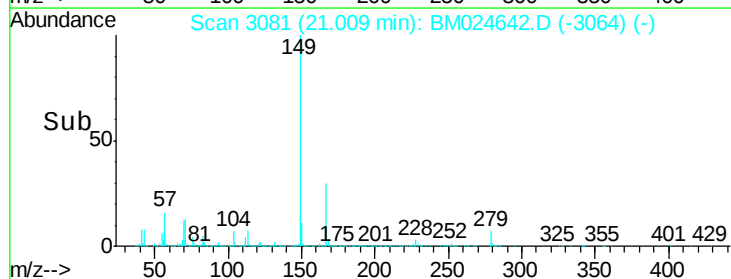
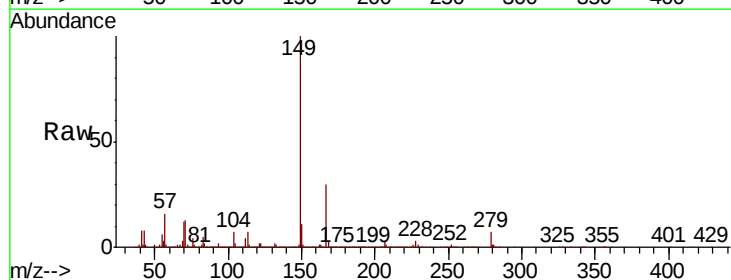
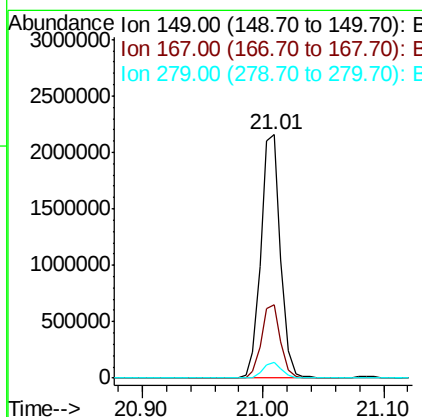
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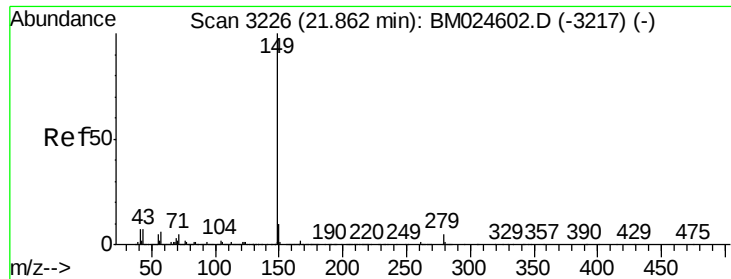
mohammad  
 1/30/2020 10:18:41 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.211 ng  
 RT: 21.01 min Scan# 3081  
 Delta R.T. -0.00 min  
 Lab File: BM024642.D  
 Acq: 29 Jan 2020 10:13

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 149     | 100  |       |       |       |
| 167     | 29.9 | 22.5  | 33.7  |       |
| 279     | 6.7  | 4.0   | 6.0#  |       |





#85

Di-n-octyl phthalate

Concen: 41.351 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:149 Resp: 3850704

Ion Ratio Lower Upper

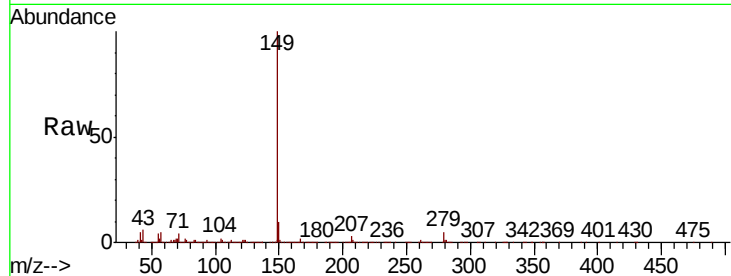
149 100

167 1.8 1.3 1.9

43 5.6 5.8 8.6#

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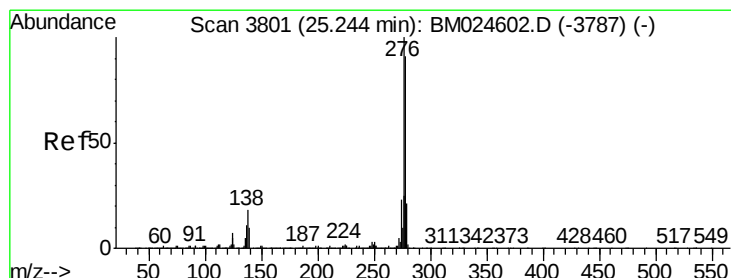
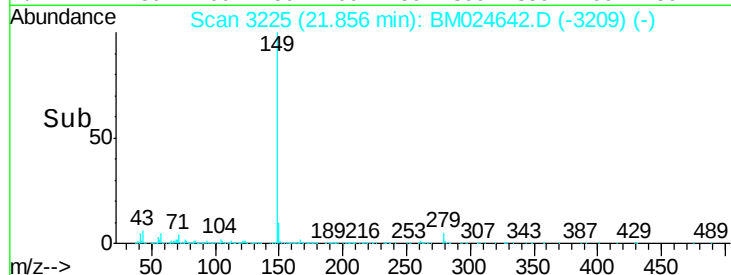
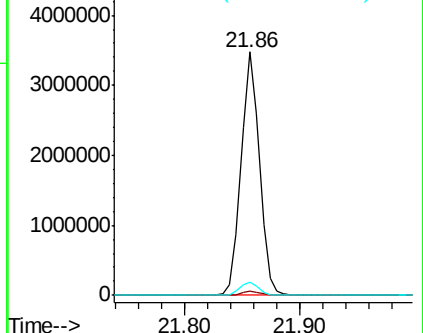
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.601 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

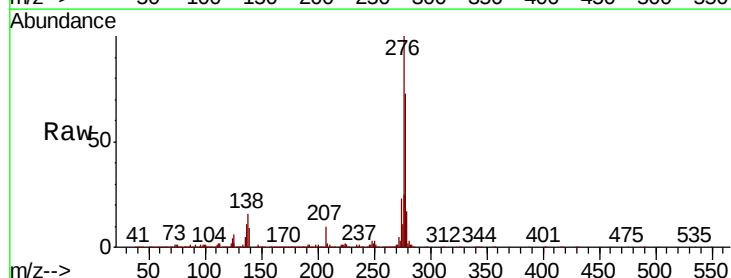
Tgt Ion:276 Resp: 4047183

Ion Ratio Lower Upper

276 100

138 16.2 13.4 20.0

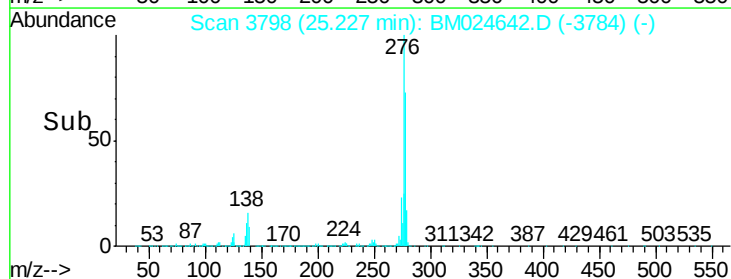
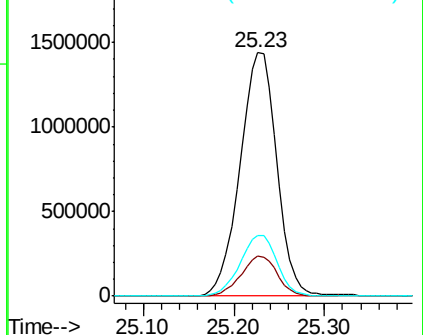
277 25.3 19.6 29.4

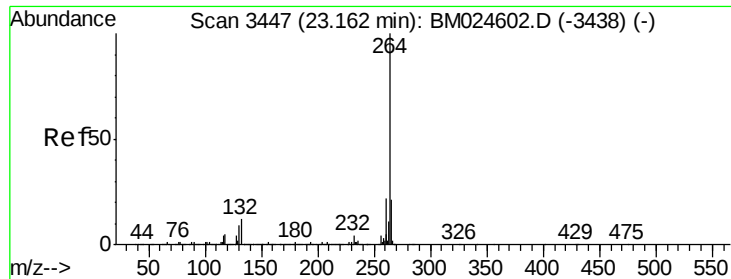


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





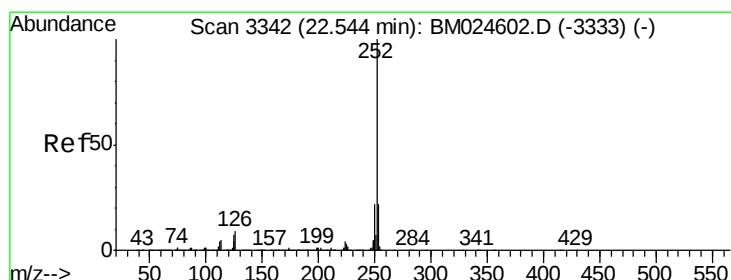
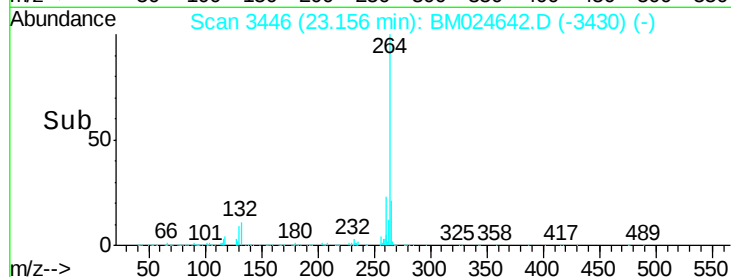
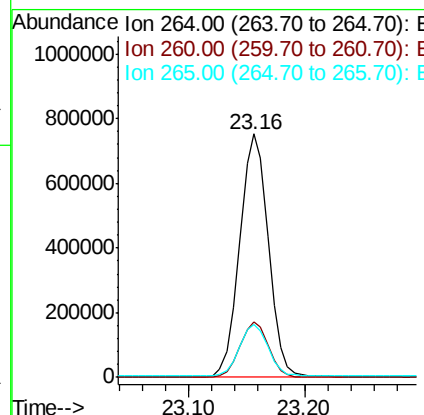
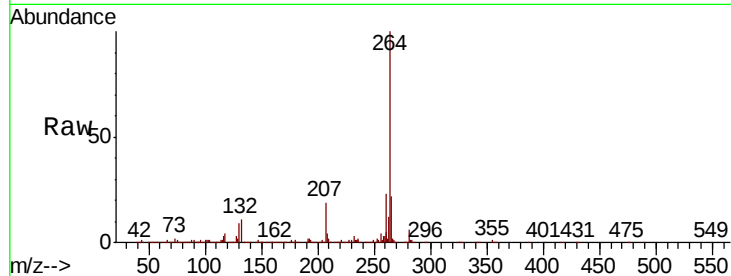
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.16 min Scan# 3446  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 17.9  | 26.9  |
| 265     | 21.6  | 17.3  | 25.9  |

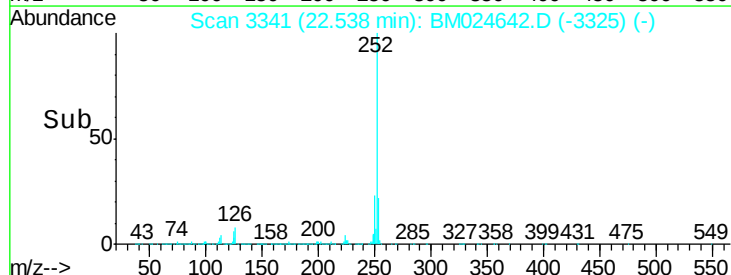
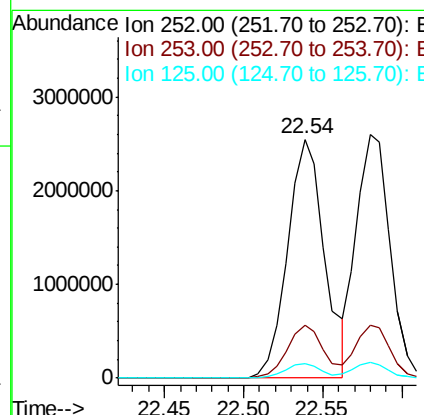
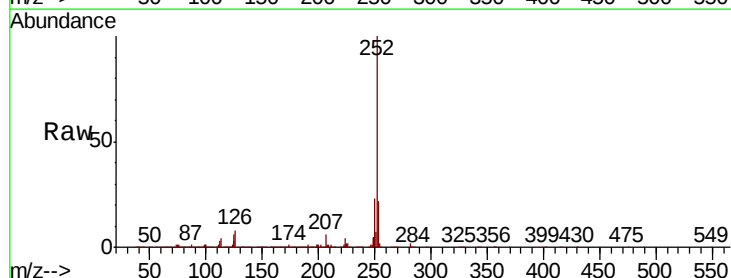
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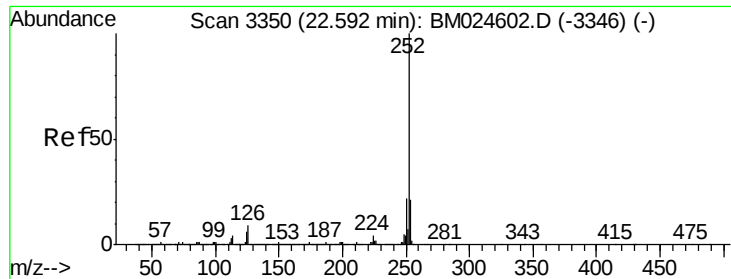
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 48.833 ng  
RT: 22.54 min Scan# 3341  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.6  | 26.4  |
| 125     | 6.3   | 5.7   | 8.5   |





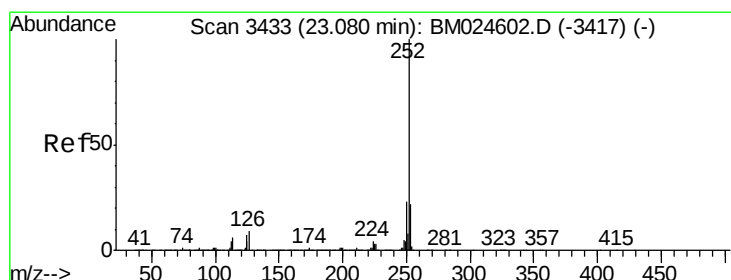
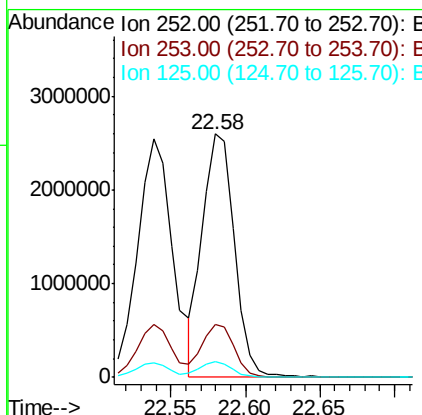
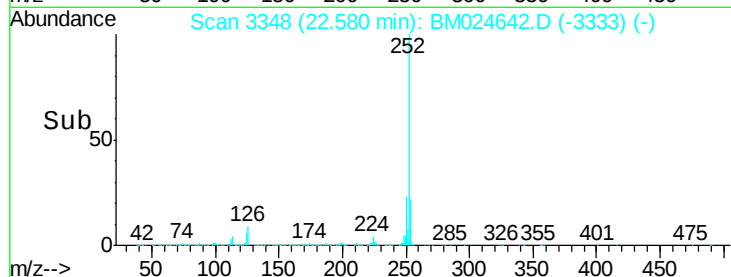
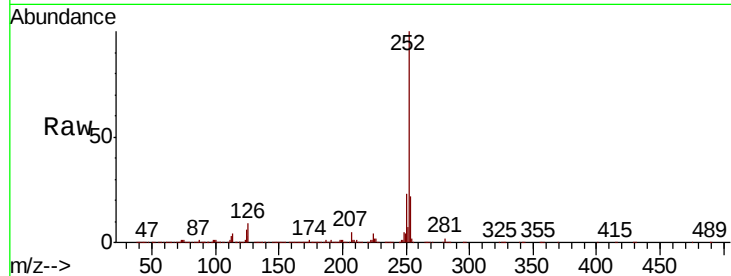
#89  
Benzo(k)fluoranthene  
Concen: 46.600 ng  
RT: 22.58 min Scan# 3348  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB126393BS

Tot Ion:252 Resp: 3837662  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 6.5 5.2 7.8

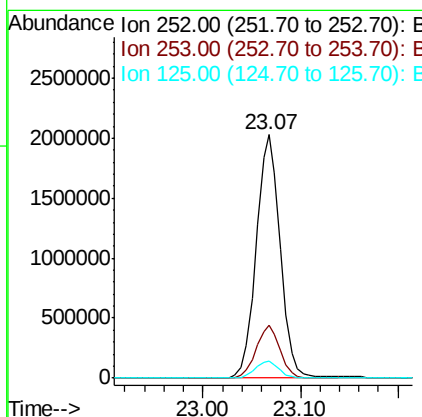
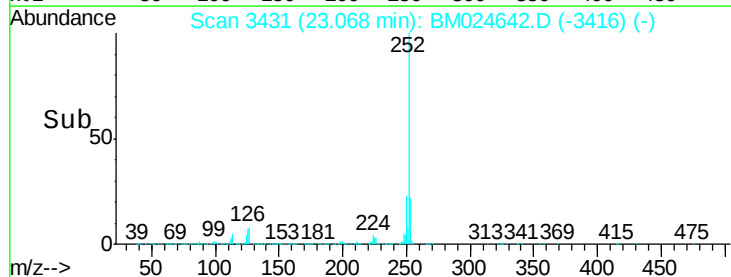
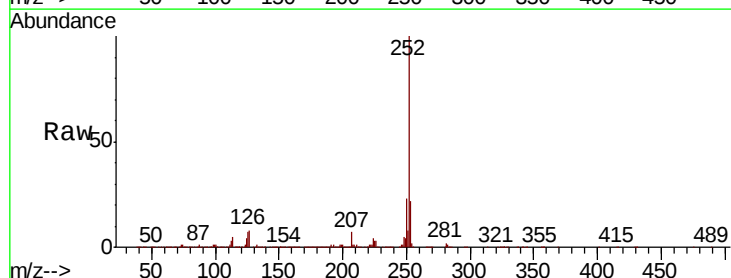
Manual Integrations  
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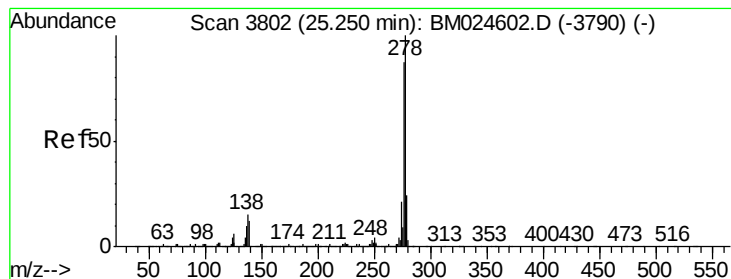
mohammad  
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#90  
Benzo(a)pyrene  
Concen: 45.554 ng  
RT: 23.07 min Scan# 3431  
Delta R.T. -0.01 min  
Lab File: BM024642.D  
Acq: 29 Jan 2020 10:13

Tgt Ion:252 Resp: 3494348  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 6.8 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 47.105 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

Instrument :

BNA\_M

ClientSampleId :

PB126393BS

Tot Ion:278 Resp: 3429562

Ion Ratio Lower Upper

278 100

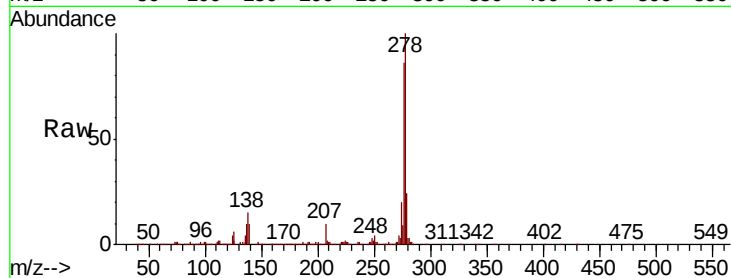
139 10.4 9.3 13.9

279 23.9 18.9 28.3

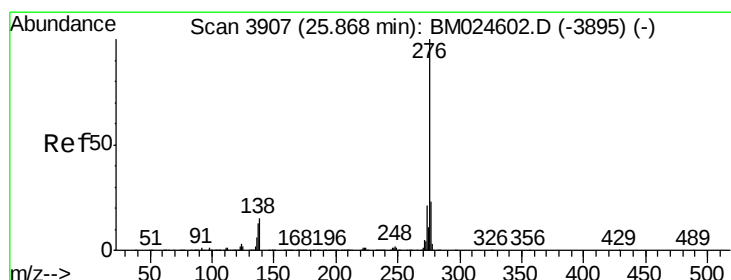
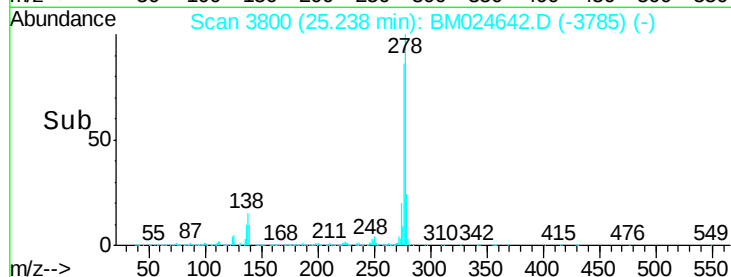
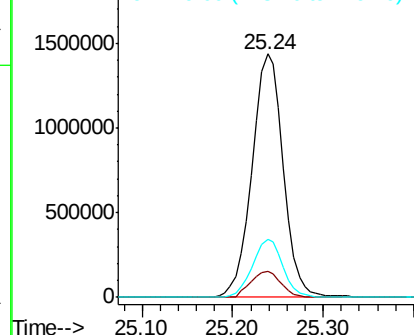
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Abundance Ion 278.00 (277.70 to 278.70): E  
2000000  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.596 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024642.D

Acq: 29 Jan 2020 10:13

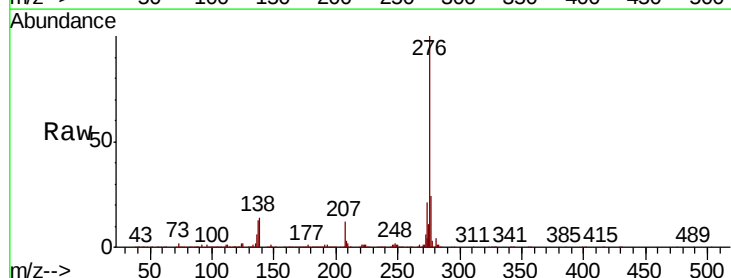
Tgt Ion:276 Resp: 3344868

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 13.5 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E  
1500000  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

