

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\  
 Data File : BM020737.D  
 Acq On : 05 Jun 2019 15:32  
 Operator : HP/JU  
 Sample : PB120038BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

Manual Integrations  
 APPROVED

mohammad  
 6/6/2019 11:21:43 AM

Quant Time: Jun 06 02:31:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 31 15:48:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 336630   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.62 | 136  | 1355226  | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.46 | 164  | 747275   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.20 | 188  | 1434230  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.38 | 240  | 1096348  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.67 | 264  | 1196417  | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 2732705 | 142.80 | ng | 0.00  |
| 7) Phenol-d6             | 6.99  | 99  | 3618460 | 128.41 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.99  | 82  | 2144516 | 81.99  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.95 | 330 | 1294233 | 139.79 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.08 | 172 | 4977040 | 88.54  | ng | -0.01 |
| 79) Terphenyl-d14        | 19.83 | 244 | 5483303 | 83.66  | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 304665  | 38.885 | ng | 95     |
| 3) Pyridine                    | 3.74  | 79  | 884567  | 35.484 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.66  | 42  | 399170  | 37.146 | ng | 90     |
| 6) Aniline                     | 7.16  | 93  | 1238581 | 30.378 | ng | 99     |
| 8) 2-Chlorophenol              | 7.39  | 128 | 1069977 | 44.944 | ng | 99     |
| 9) Benzaldehyde                | 6.97  | 77  | 311966  | 15.339 | ng | 94     |
| 10) Phenol                     | 7.02  | 94  | 1317512 | 43.387 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.26  | 93  | 948932  | 39.211 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.71  | 146 | 1081185 | 39.515 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 1104709 | 39.716 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.17  | 146 | 1063987 | 39.306 | ng | 99     |
| 15) Benzyl Alcohol             | 8.06  | 79  | 950660  | 38.136 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 1281648 | 34.302 | ng | 99     |
| 17) 2-Methylphenol             | 8.26  | 107 | 878997  | 41.164 | ng | 98     |
| 18) Hexachloroethane           | 8.89  | 117 | 402238  | 37.770 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70  | 793017  | 35.010 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.59  | 107 | 1170035 | 40.273 | ng | 97     |
| 22) Acetophenone               | 8.65  | 105 | 1481540 | 43.034 | ng | 97     |
| 24) Nitrobenzene               | 9.03  | 77  | 1157067 | 43.332 | ng | 97     |
| 25) Isophorone                 | 9.55  | 82  | 2099821 | 40.358 | ng | 99     |
| 26) 2-Nitrophenol              | 9.73  | 139 | 513737  | 51.622 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.79  | 122 | 946852  | 50.774 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93  | 1288309 | 40.952 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 994997  | 48.226 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.47 | 180 | 1054900 | 44.466 | ng | 99     |
| 31) Naphthalene                | 10.66 | 128 | 3048462 | 43.743 | ng | 99     |
| 32) Benzoic acid               | 9.93  | 122 | 535492m | 45.876 | ng |        |
| 33) 4-Chloroaniline            | 10.77 | 127 | 487765  | 15.039 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.94 | 225 | 613693  | 43.113 | ng | 99     |
| 35) Caprolactam                | 11.57 | 113 | 279350m | 38.974 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.90 | 107 | 1012605 | 42.213 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.27 | 142 | 2239958 | 43.363 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.50 | 142 | 2140500 | 43.518 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.64 | 216 | 1176215 | 48.030 | ng | 99     |

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

Manual Integrations  
 APPROVED

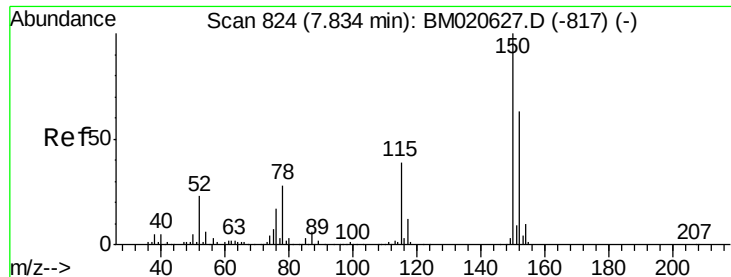
mohammad  
 6/6/2019 11:21:43 AM

Quant Time: Jun 06 02:31:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 31 15:48:49 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.62 | 237  | 1476661  | 100.822 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.89 | 196  | 757122   | 48.031  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.95 | 196  | 797079   | 48.980  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.29 | 154  | 2832246  | 45.381  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.33 | 162  | 2183924  | 43.357  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.55 | 65   | 612837   | 38.764  | ng    | 89       |
| 49) Acenaphthylene             | 14.18 | 152  | 3458916  | 44.010  | ng    | 100      |
| 50) Dimethylphthalate          | 13.92 | 163  | 2638104  | 41.321  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.05 | 165  | 571681   | 44.099  | ng    | # 85     |
| 52) Acenaphthene               | 14.52 | 154  | 2008537  | 42.884  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.37 | 138  | 346487   | 23.946  | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.57 | 184  | 473187   | 84.407  | ng    | 92       |
| 55) Dibenzofuran               | 14.86 | 168  | 3117318  | 42.854  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.67 | 139  | 865243   | 81.148  | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 14.83 | 165  | 744346   | 42.883  | ng    | 92       |
| 58) Fluorene                   | 15.51 | 166  | 2491763  | 41.654  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.08 | 232  | 673488   | 47.494  | ng    | 96       |
| 60) Diethylphthalate           | 15.29 | 149  | 2549912  | 38.726  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204  | 1326330  | 41.875  | ng    | 94       |
| 62) 4-Nitroaniline             | 15.54 | 138  | 517956   | 33.753  | ng    | 93       |
| 63) Azobenzene                 | 15.80 | 77   | 2383750  | 37.762  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.59 | 198  | 294712   | 45.682  | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.72 | 169  | 2126990  | 46.327  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.40 | 248  | 773534   | 45.808  | ng    | 94       |
| 68) Hexachlorobenzene          | 16.50 | 284  | 878907   | 44.572  | ng    | 95       |
| 69) Atrazine                   | 16.67 | 200  | 674924   | 49.254  | ng    | 99       |
| 70) Pentachlorophenol          | 16.85 | 266  | 985390   | 104.750 | ng    | 99       |
| 71) Phenanthrene               | 17.24 | 178  | 3506759  | 43.135  | ng    | 99       |
| 72) Anthracene                 | 17.34 | 178  | 3591595  | 44.140  | ng    | 99       |
| 73) Carbazole                  | 17.61 | 167  | 3011687  | 40.787  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.17 | 149  | 3776061  | 39.395  | ng    | 100      |
| 75) Fluoranthene               | 19.26 | 202  | 3631406  | 40.167  | ng    | 99       |
| 77) Benzidine                  | 19.45 | 184  | 1458349  | 43.899  | ng    | 100      |
| 78) Pyrene                     | 19.62 | 202  | 3619176  | 43.018  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.52 | 149  | 1425420  | 40.091  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.37 | 228  | 3210936  | 42.056  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.30 | 252  | 956551   | 34.214  | ng    | 99       |
| 83) Chrysene                   | 21.42 | 228  | 3160004  | 43.542  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 1957830  | 37.888  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.19 | 149  | 3121373  | 38.047  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.99 | 276  | 4210154  | 56.705  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.98 | 252  | 3421792  | 43.272  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.03 | 252  | 3275963  | 42.392  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.57 | 252  | 3321394  | 46.307  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.00 | 278  | 3542281  | 50.905  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.70 | 276  | 3436986  | 53.175  | ng    | 98       |

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





#1

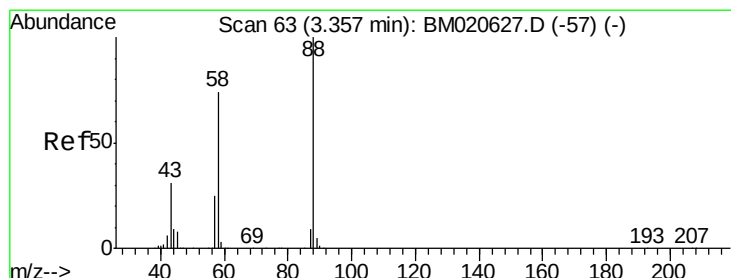
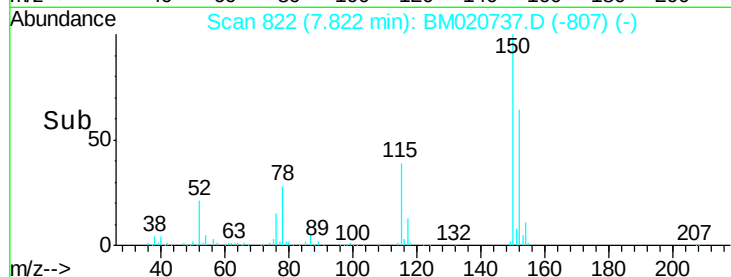
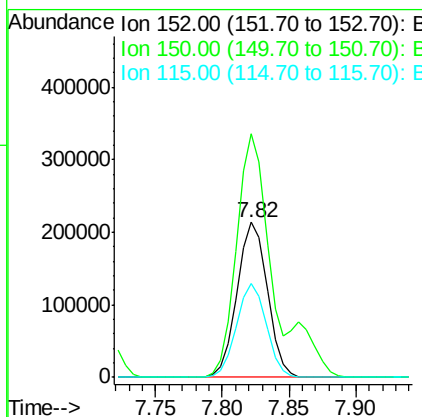
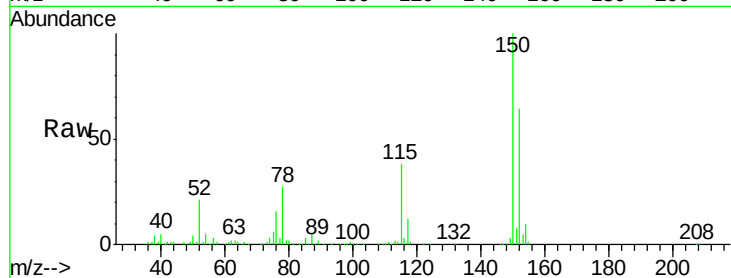
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.82 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.4 | 126.0 | 189.0 |
| 115     | 60.3  | 49.6  | 74.4  |

Manual Integrations  
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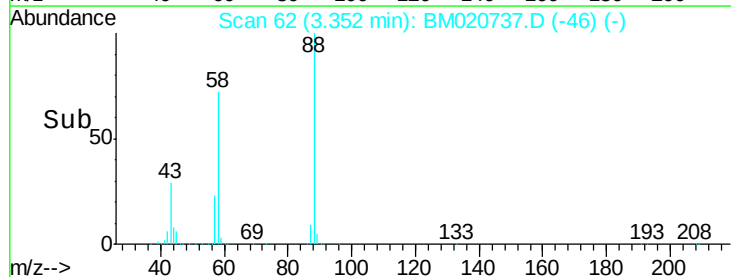
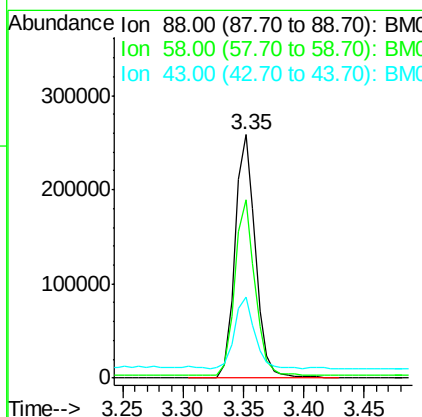
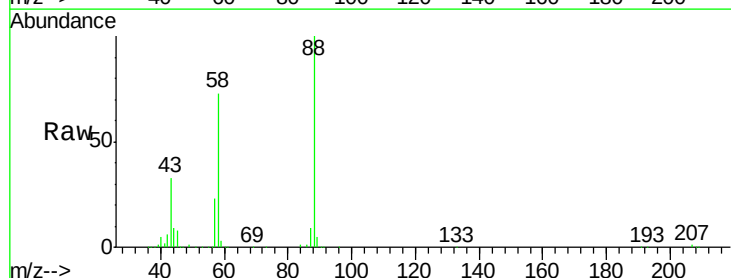
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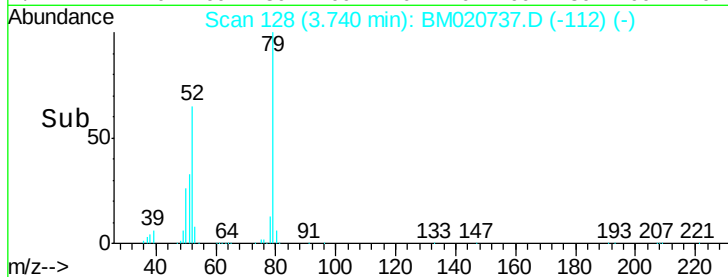
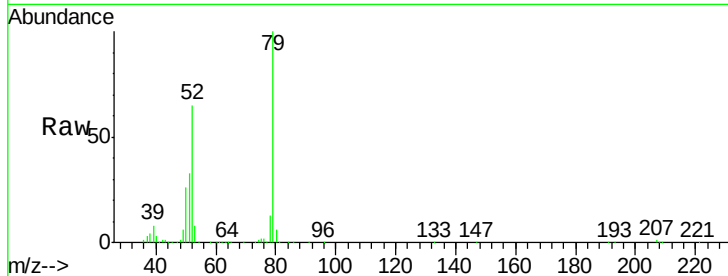
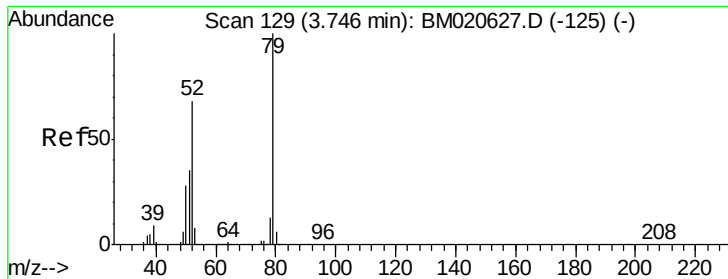


#2

1,4-Dioxane  
Concen: 38.885 ng  
RT: 3.35 min Scan# 62  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.9  | 60.2  | 90.4  |
| 43      | 28.7  | 25.3  | 37.9  |





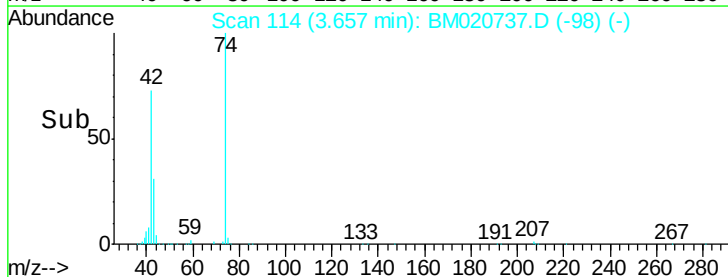
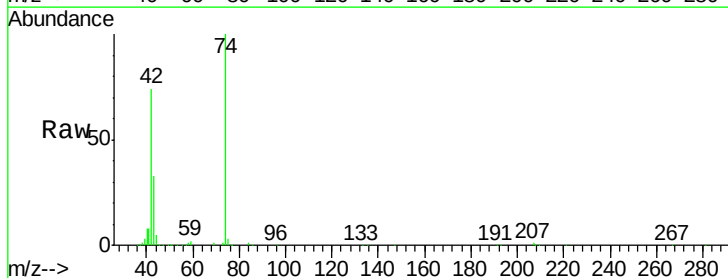
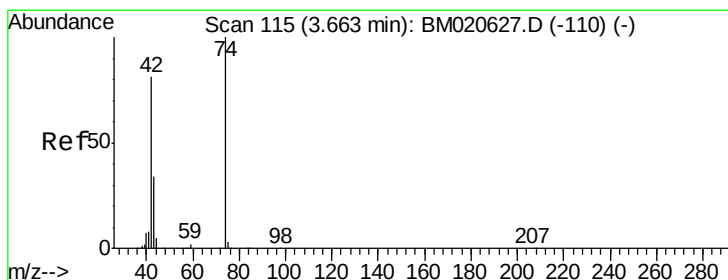
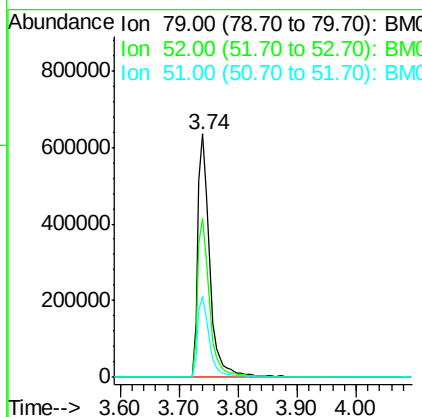
#3  
Pvridine  
Concen: 35.484 ng  
RT: 3.74 min Scan# 128  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 884567 |       |       |
| 52      | 65.5  |        | 54.1  | 81.1  |
| 51      | 33.1  |        | 28.6  | 42.8  |

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

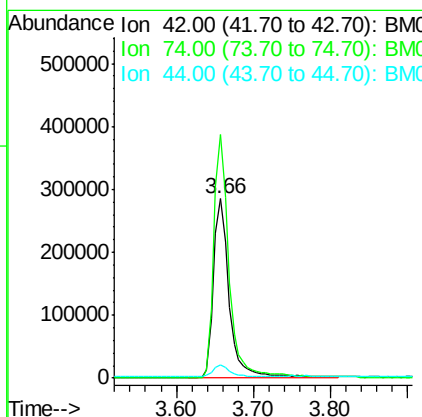
Manual Integrations  
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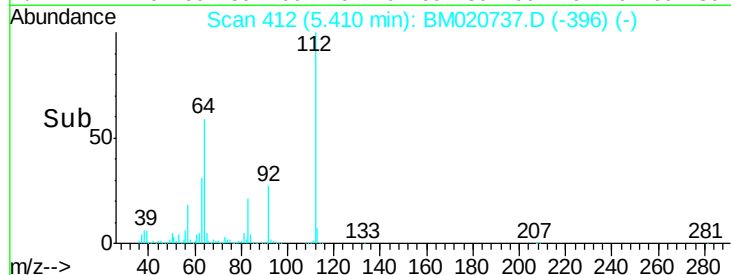
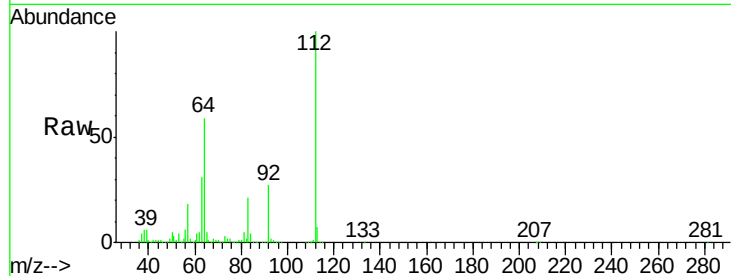
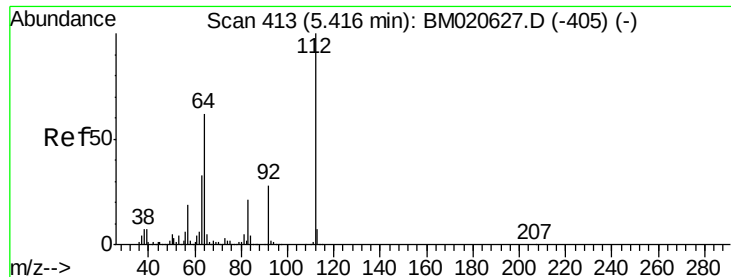
mohammad  
6/6/2019 11:21:43 AM



#4  
n-Nitrosodimethylamine  
Concen: 37.146 ng  
RT: 3.66 min Scan# 114  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 42      | 100   | 399170 |       |       |
| 74      | 135.7 |        | 99.4  | 149.0 |
| 44      | 7.1   |        | 5.8   | 8.8   |





#5

2-Fluorophenol

Concen: 142.798 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 2732705 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 59.4  | 49.7  | 74.5    |
| 63       | 30.7  | 26.4  | 39.6    |

Instrument :

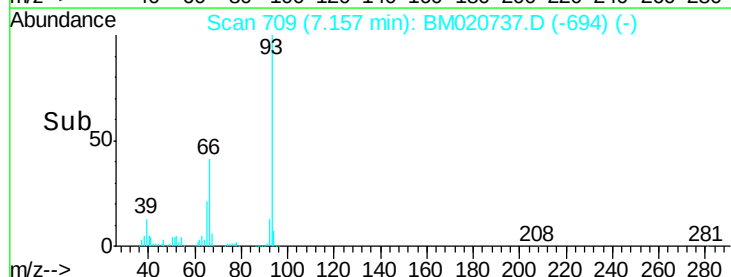
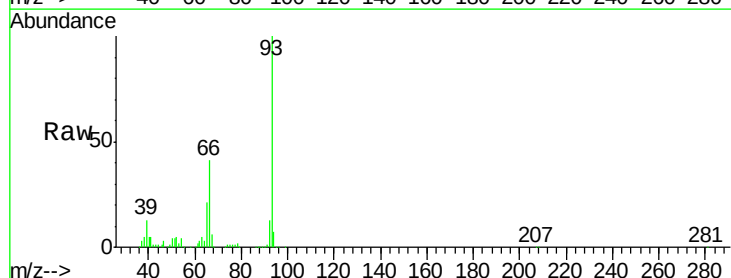
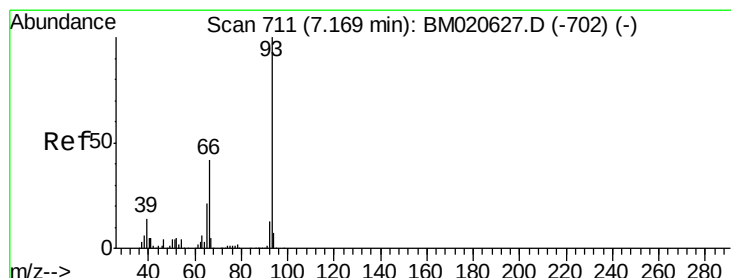
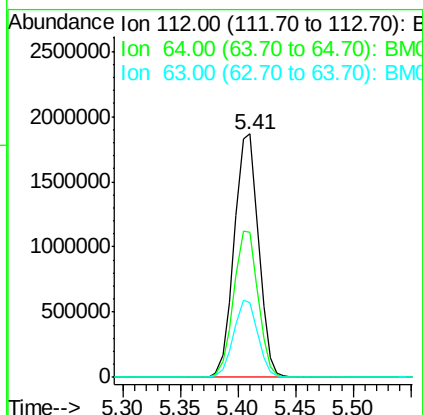
BNA\_M

ClientSampleId :

PB120038BSD

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#6

Aniline

Concen: 30.378 ng

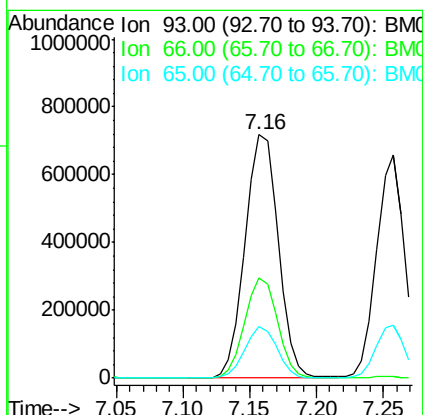
RT: 7.16 min Scan# 709

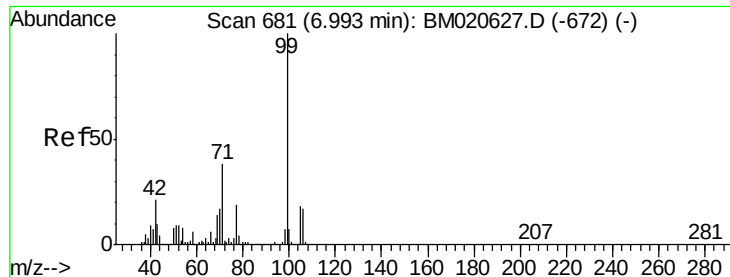
Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1238581 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 41.0  | 33.6  | 50.4    |
| 65       | 20.9  | 16.7  | 25.1    |





#7

Phenol-d6

Concen: 128.413 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion: 99 Resp: 3618460

Ion Ratio Lower Upper

99 100

42 18.5 16.5 24.7

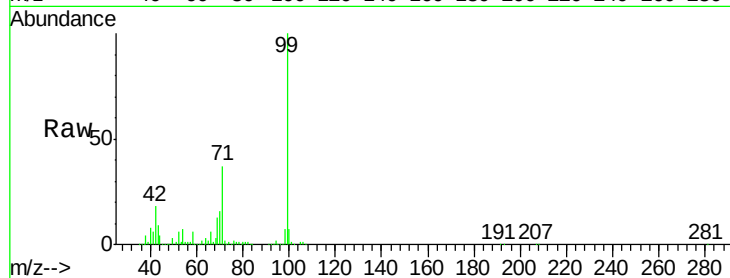
71 36.9 30.7 46.1

Manual Integrations

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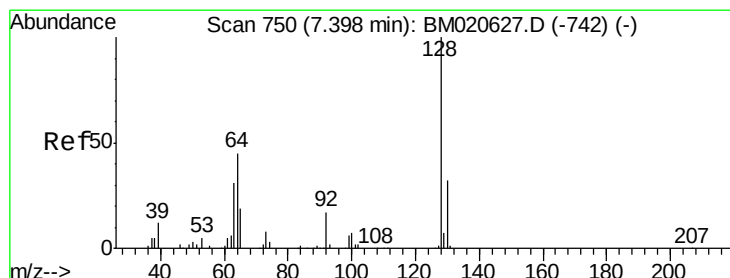
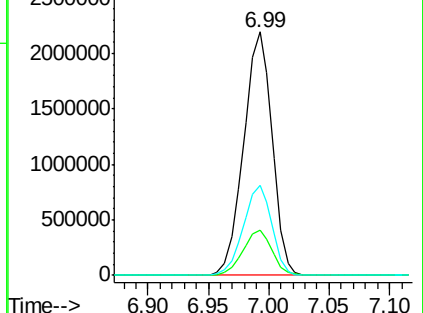
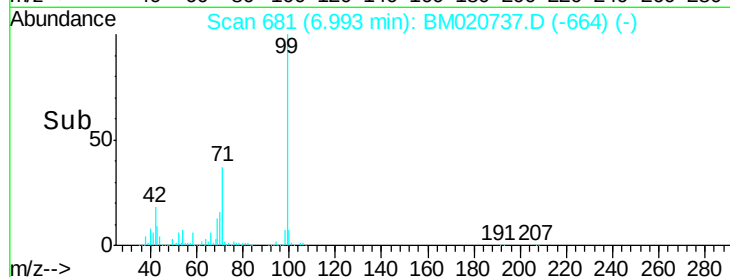
6/6/2019 11:21:43 AM



Abundance Ion 99.00 (98.70 to 99.70): BM020737.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020737.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020737.D (-664) (-)



#8

2-Chlorophenol

Concen: 44.944 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

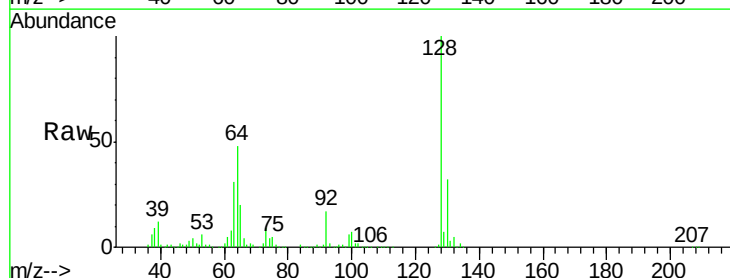
Tgt Ion:128 Resp: 1069977

Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

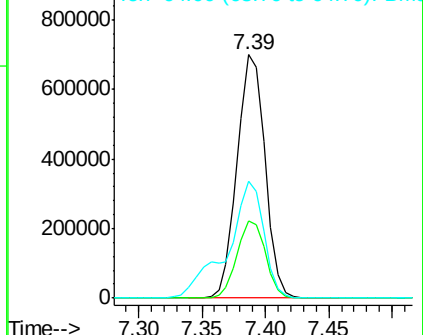
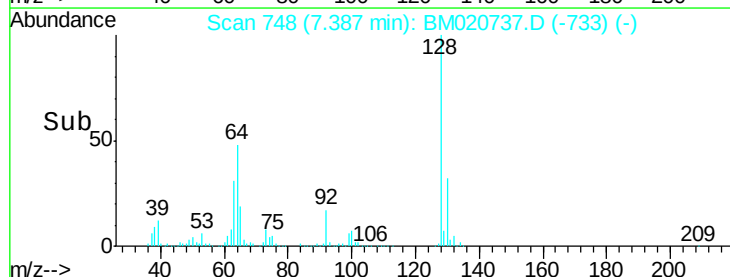
64 48.3 29.1 69.1



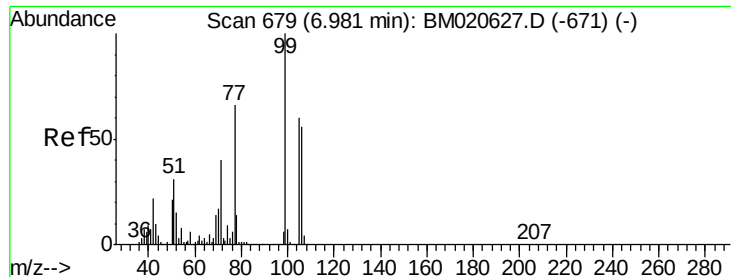
Abundance Ion 128.00 (127.70 to 128.70): BM020737.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020737.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020737.D (-733) (-)







#9

Benzaldehyde

Concen: 15.339 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

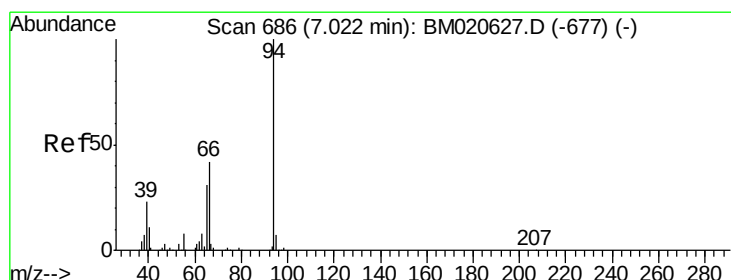
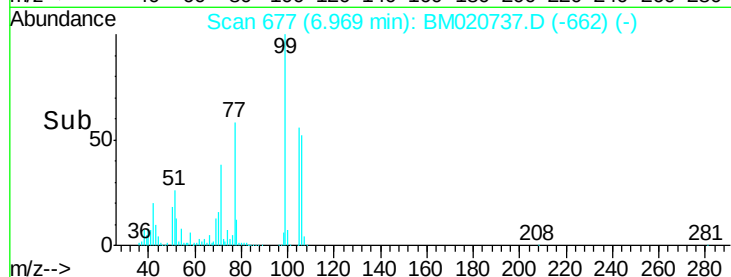
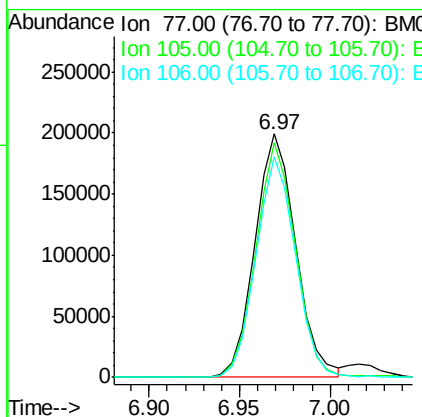
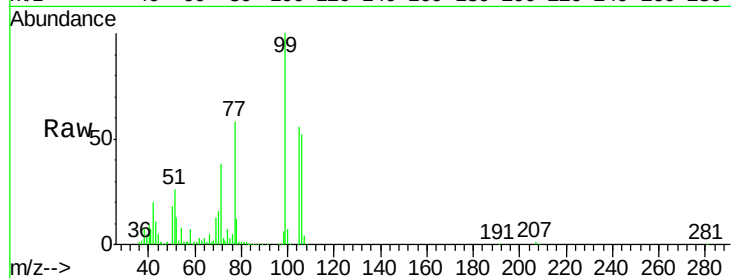
ClientSampleId :

PB120038BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 311966 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 96.6  | 70.6  | 110.6  |
| 106      | 90.7  | 64.9  | 104.9  |

Manual Integrations  
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#10

Phenol

Concen: 43.387 ng

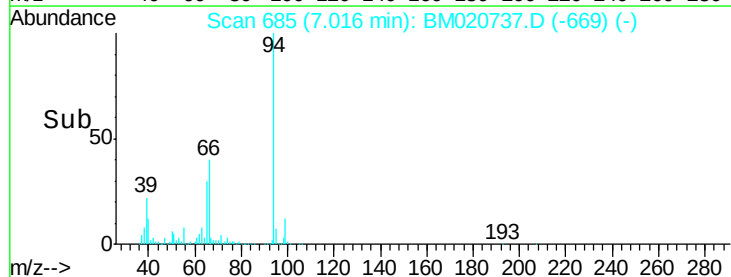
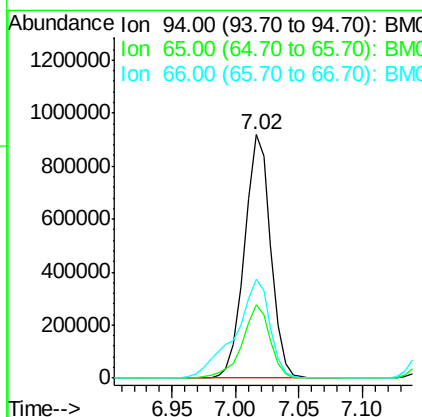
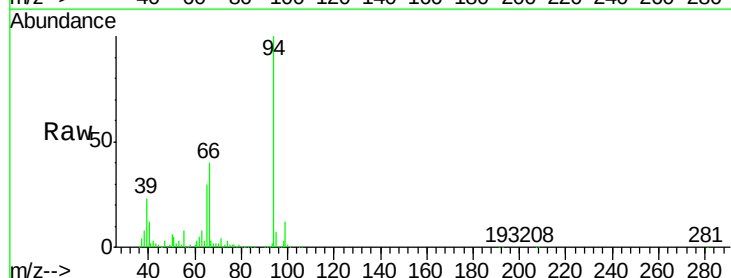
RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

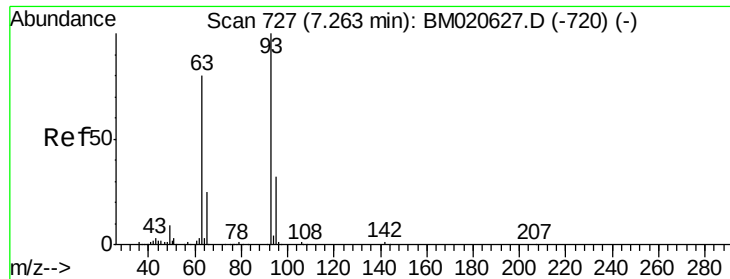
Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1317512 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 30.0  | 10.7  | 50.7    |
| 66       | 40.4  | 22.3  | 62.3    |







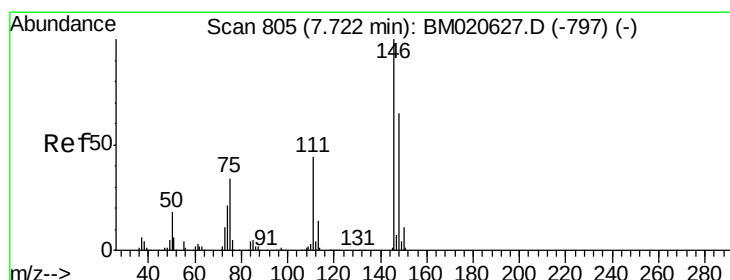
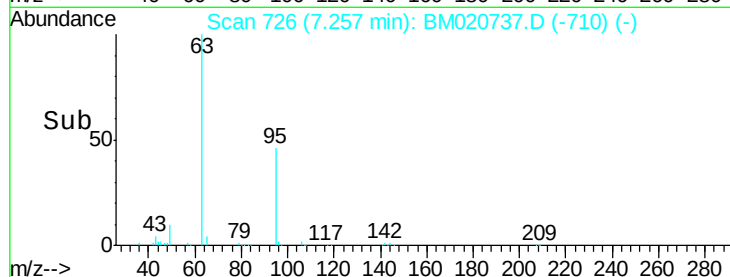
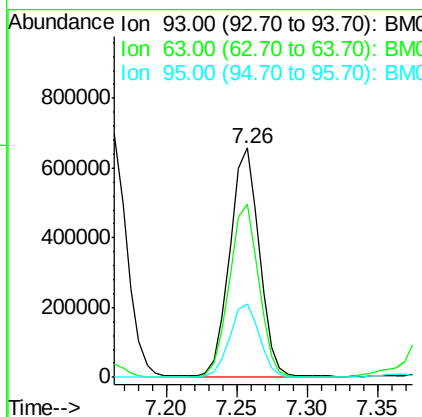
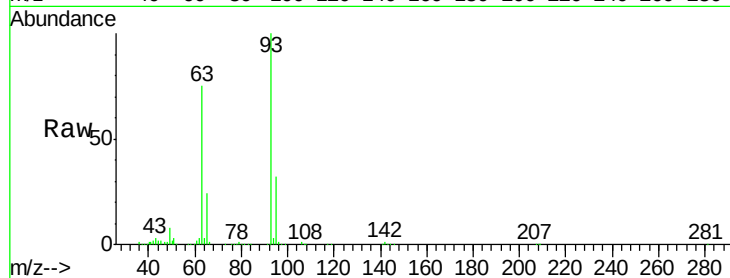
#11  
bis(2-Chloroethyl)ether  
Concen: 39.211 ng  
RT: 7.26 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.4  | 60.0  | 100.0 |
| 95      | 32.3  | 12.2  | 52.2  |

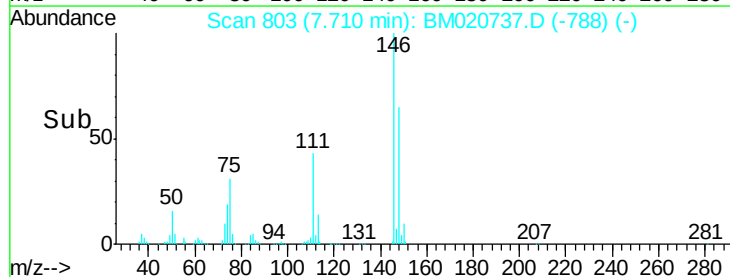
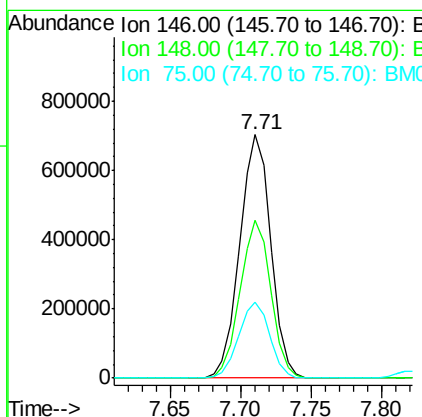
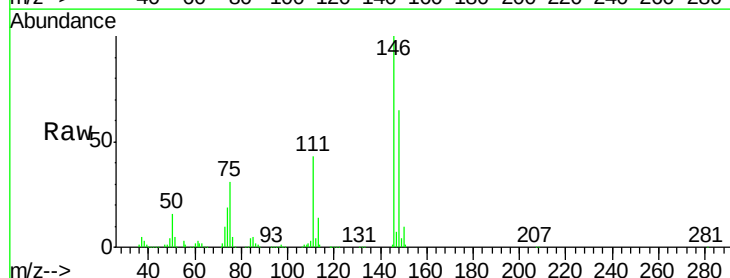
Manual Integrations  
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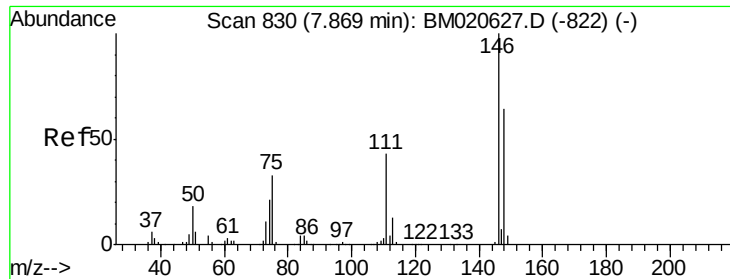
mohammad  
6/6/2019 11:21:43 AM



#12  
1,3-Dichlorobenzene  
Concen: 39.515 ng  
RT: 7.71 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 52.0  | 78.0  |
| 75      | 31.4  | 27.0  | 40.4  |





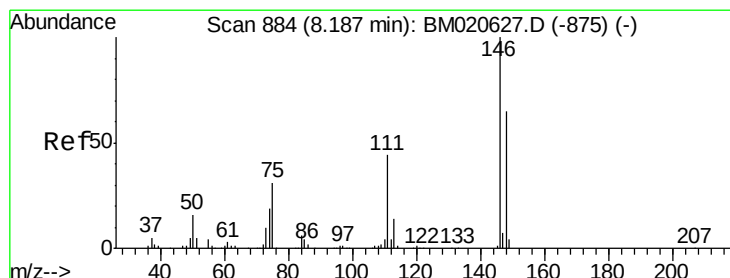
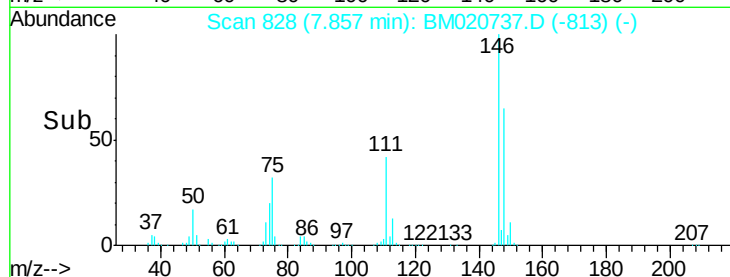
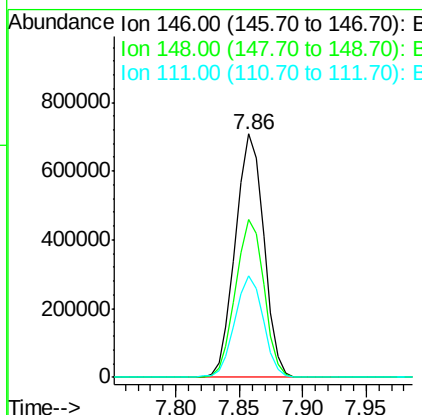
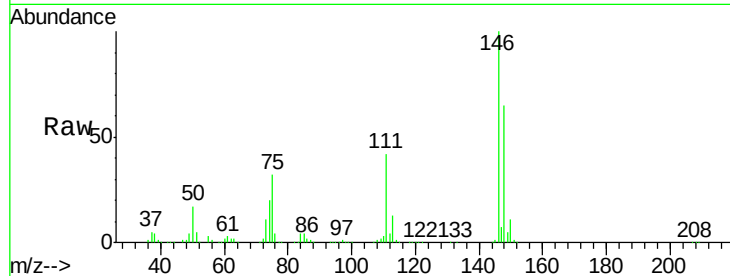
#13  
 1,4-Dichlorobenzene  
 Concen: 39.716 ng  
 RT: 7.86 min Scan# 828  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.0  | 76.4  |
| 111     | 41.9  | 34.4  | 51.6  |

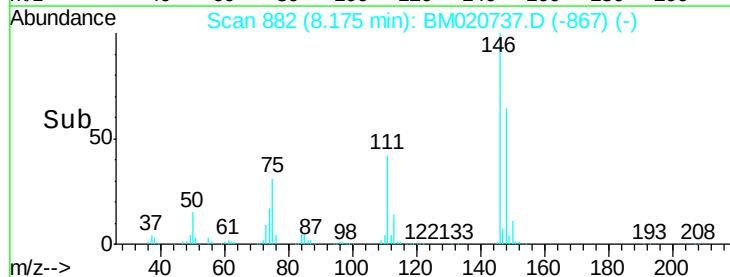
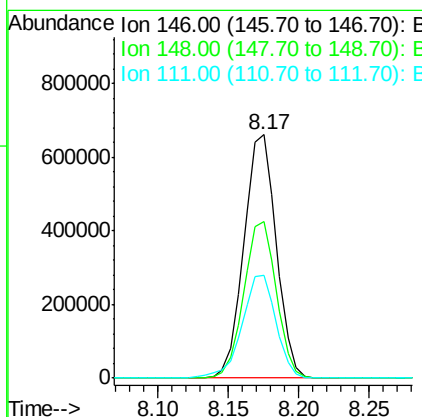
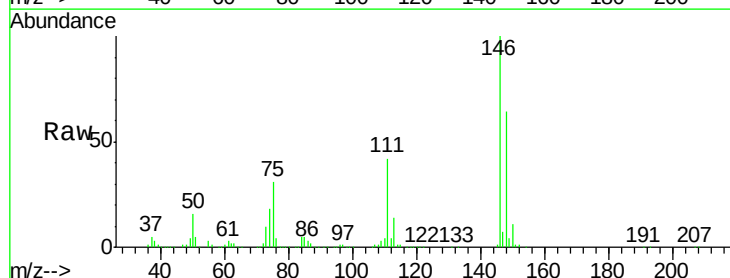
Manual Integrations  
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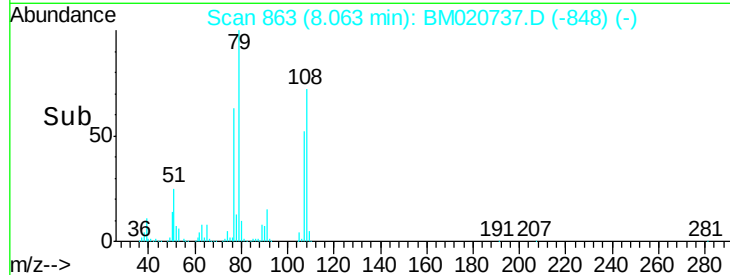
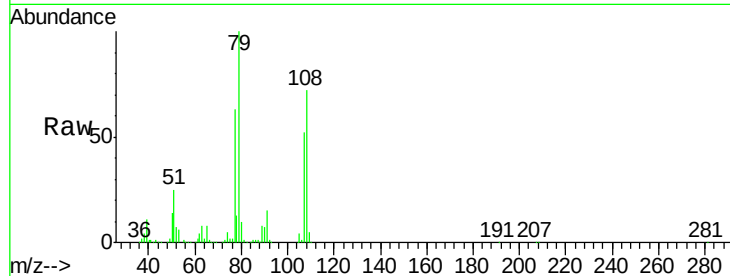
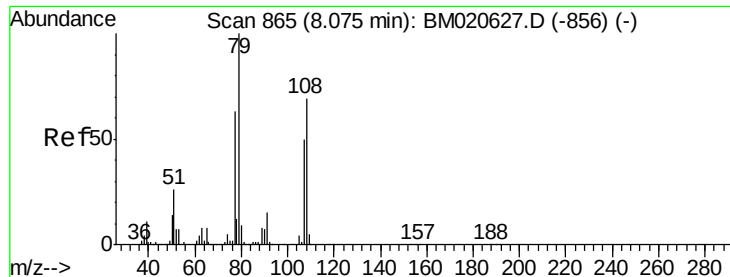
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.306 ng  
 RT: 8.17 min Scan# 882  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.8  | 77.8  |
| 111     | 42.2  | 35.1  | 52.7  |





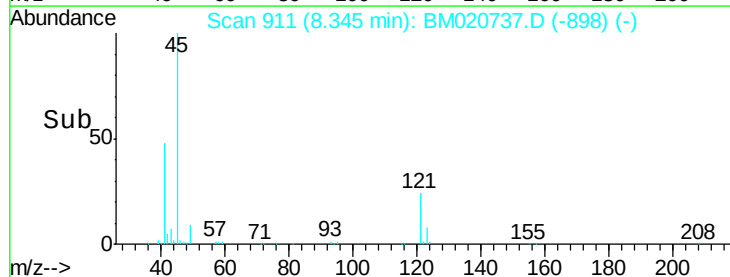
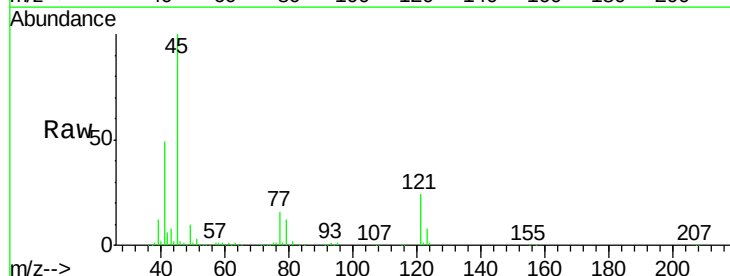
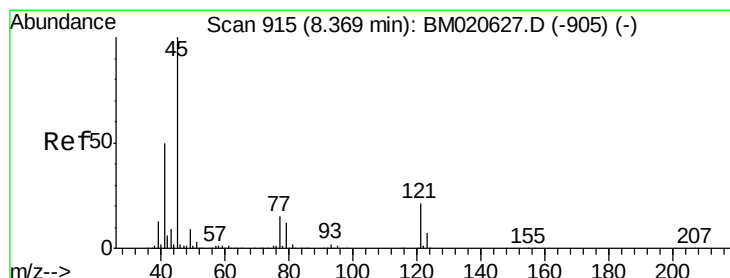
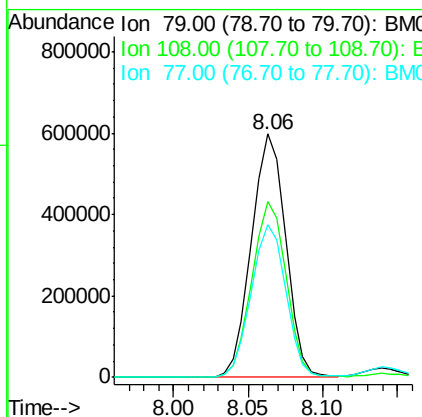
#15  
Benzyl Alcohol  
Concen: 38.136 ng  
RT: 8.06 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 950660 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 72.2  | 54.9  | 82.3   |
| 77       | 62.7  | 50.2  | 75.4   |

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

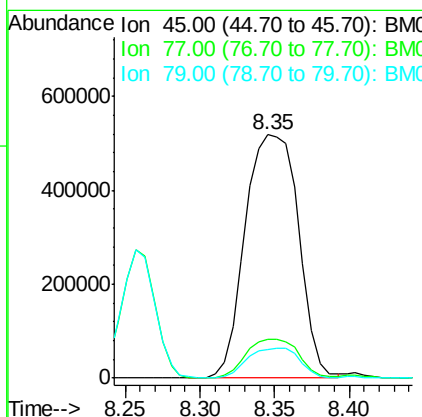
Manual Integrations  
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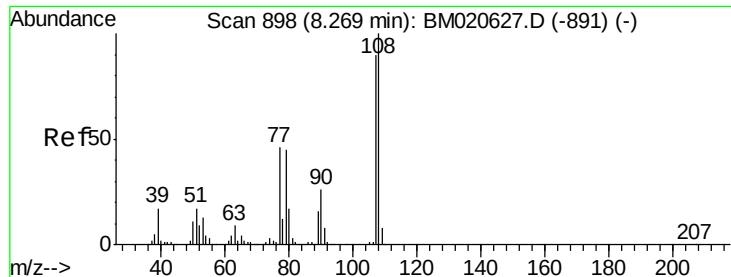
mohammad  
6/6/2019 11:21:43 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.302 ng  
RT: 8.35 min Scan# 911  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1281648 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 77       | 15.9  | 0.0   | 34.9    |
| 79       | 11.8  | 0.0   | 31.8    |





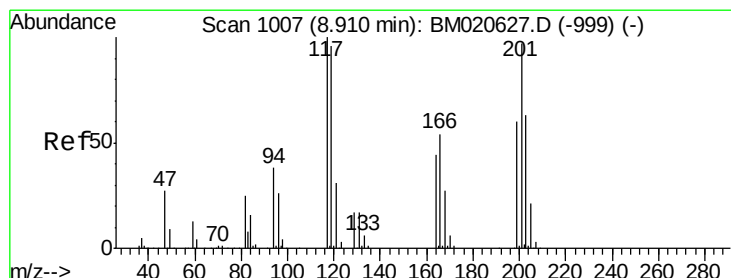
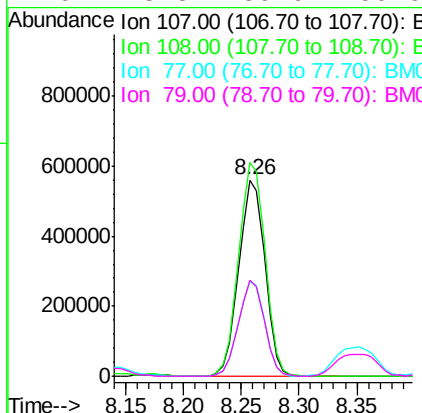
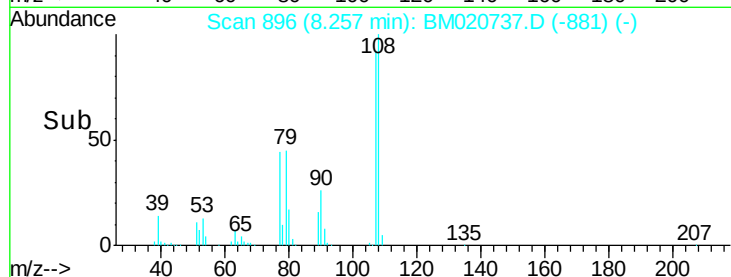
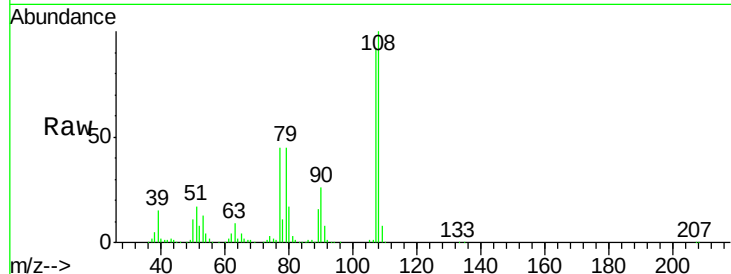
#17  
2-Methylphenol  
Concen: 41.164 ng  
RT: 8.26 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 878997 |       |       |
| 108     | 108.9 | 88.6   | 133.0 |       |
| 77      | 48.6  | 40.6   | 61.0  |       |
| 79      | 48.8  | 39.9   | 59.9  |       |

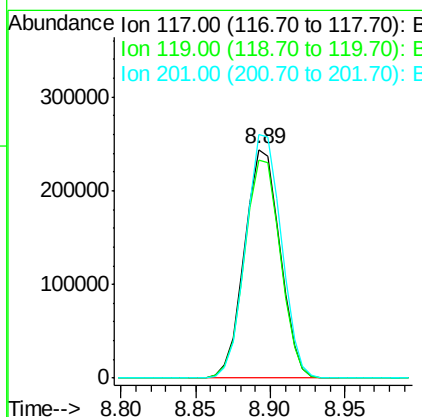
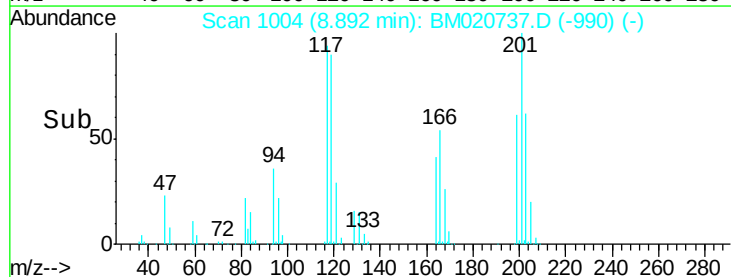
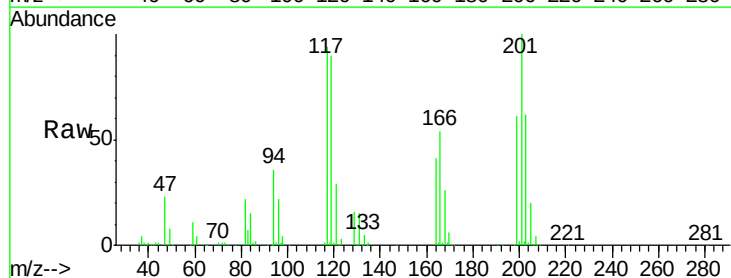
Manual Integrations  
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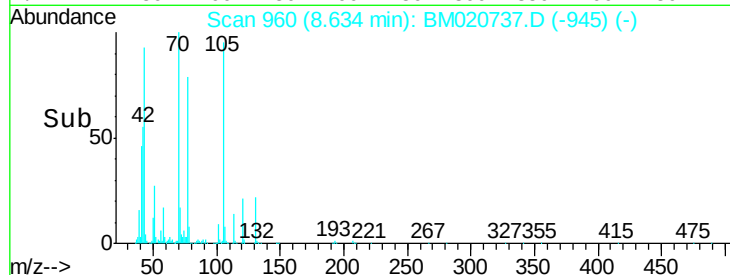
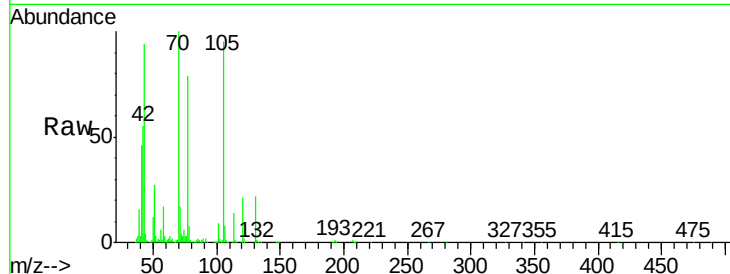
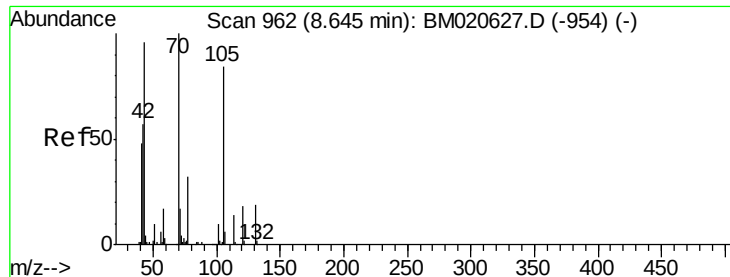
mohammad  
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#18  
Hexachloroethane  
Concen: 37.770 ng  
RT: 8.89 min Scan# 1004  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 402238 |       |       |
| 119     | 95.5  | 76.7   | 115.1 |       |
| 201     | 106.4 | 77.9   | 116.9 |       |





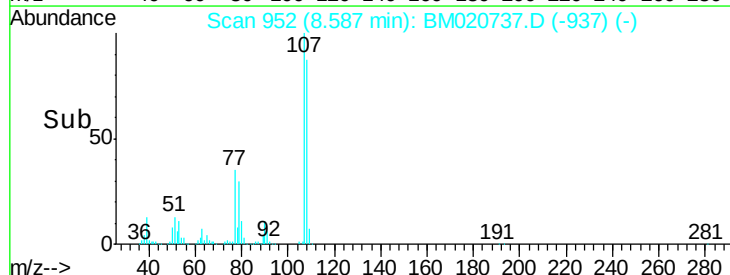
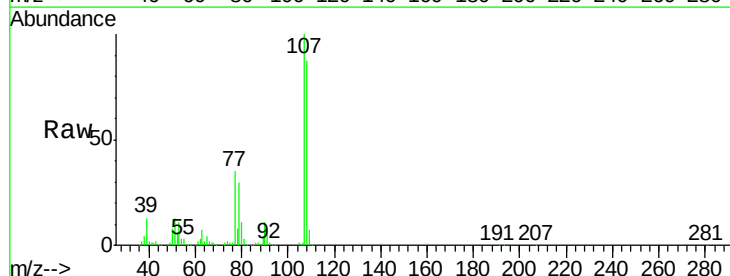
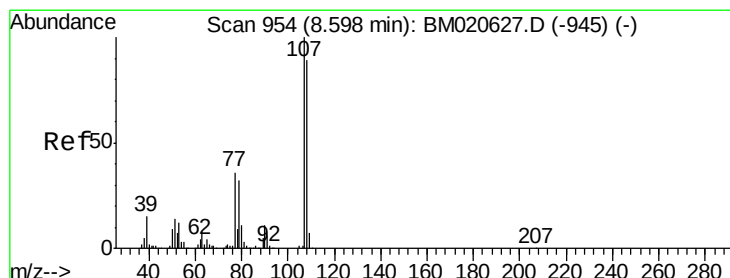
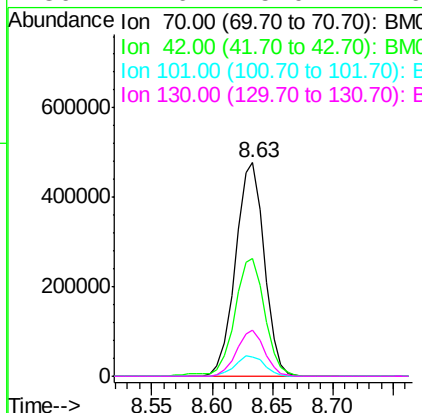
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.010 ng  
RT: 8.63 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 793017  | 70  | 100   |       |       |
|         | 42  | 55.0  | 46.8  | 70.2  |
|         | 101 | 9.2   | 7.8   | 11.6  |
|         | 130 | 21.6  | 15.0  | 22.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

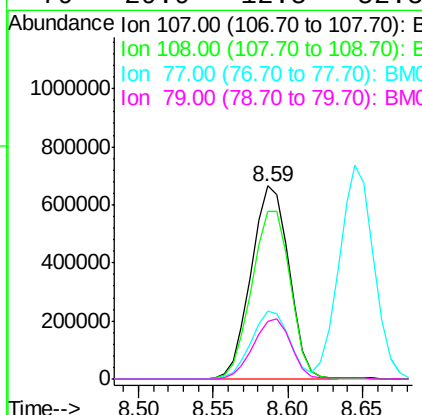
Manual Integrations  
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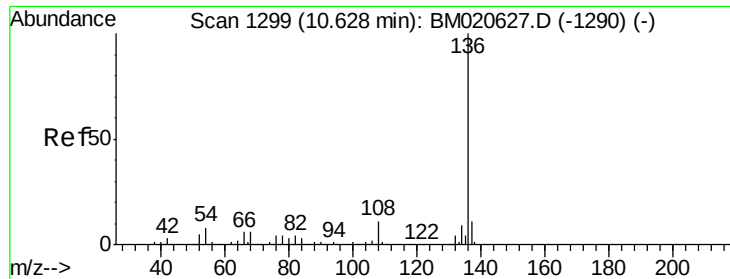
mohammad  
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#20  
3+4-Methylphenols  
Concen: 40.273 ng  
RT: 8.59 min Scan# 952  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 1170035 | 107 | 100   |       |       |
|         | 108 | 86.8  | 69.2  | 109.2 |
|         | 77  | 35.0  | 16.2  | 56.2  |
|         | 79  | 29.9  | 12.5  | 52.5  |





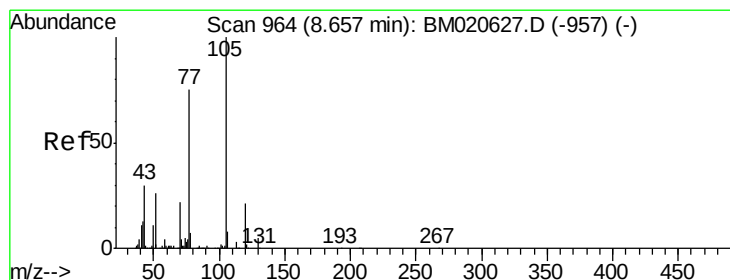
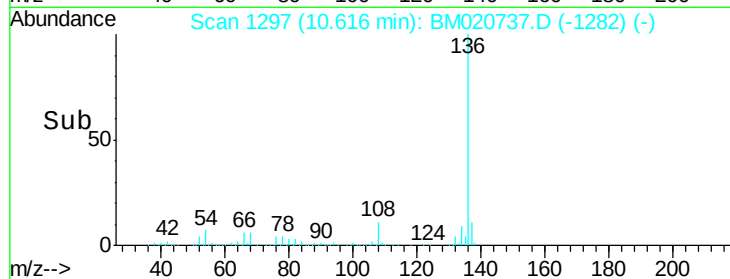
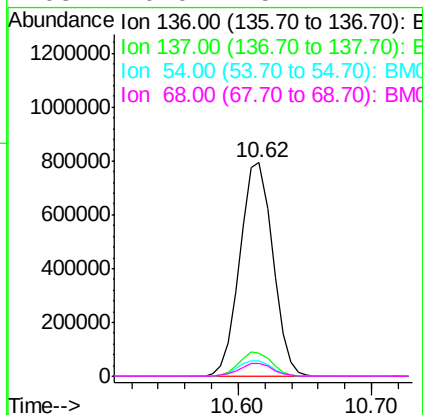
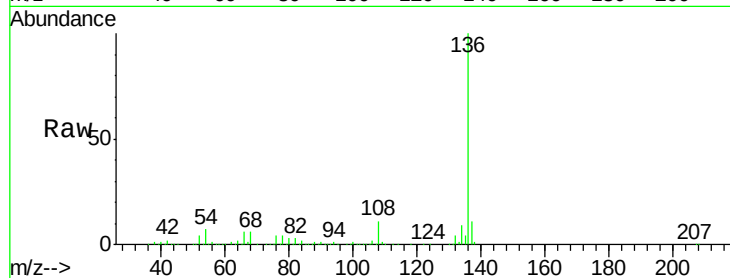
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.62 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | 136   | Resp  | 1355226 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 136     | 100   |       |         |
| 137     | 10.6  | 8.8   | 13.2    |
| 54      | 7.2   | 6.6   | 10.0    |
| 68      | 6.0   | 5.1   | 7.7     |

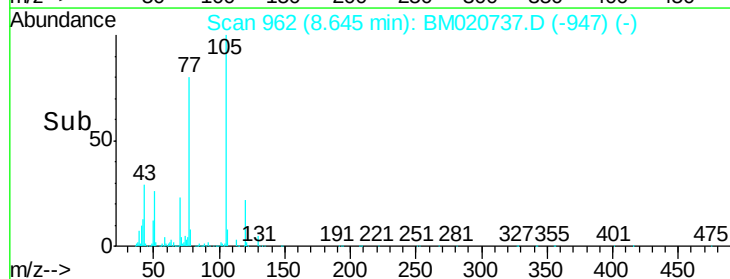
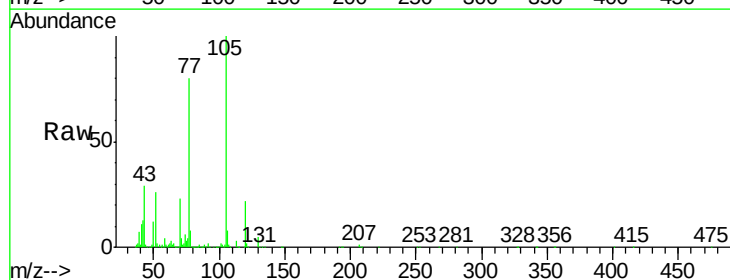
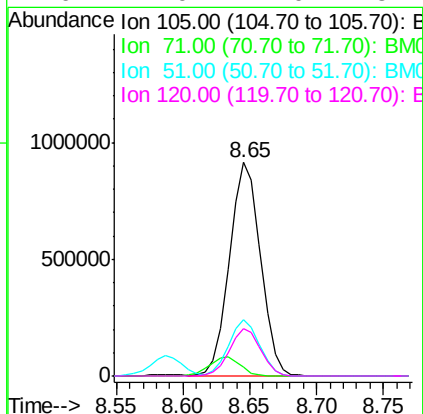
Manual Integrations  
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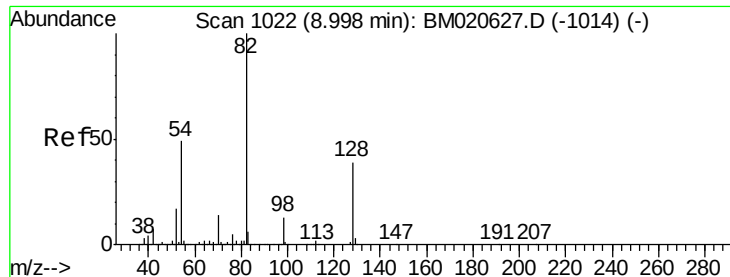
mohammad  
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#22  
Acetophenone  
Concen: 43.034 ng  
RT: 8.65 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | 105   | Resp  | 1481540 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 105     | 100   |       |         |
| 71      | 4.0   | 3.2   | 4.8     |
| 51      | 26.4  | 22.8  | 34.2    |
| 120     | 22.0  | 17.0  | 25.4    |





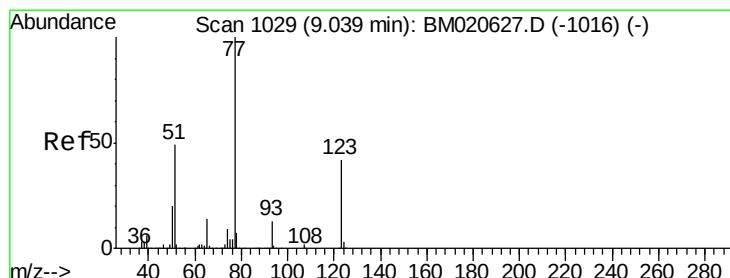
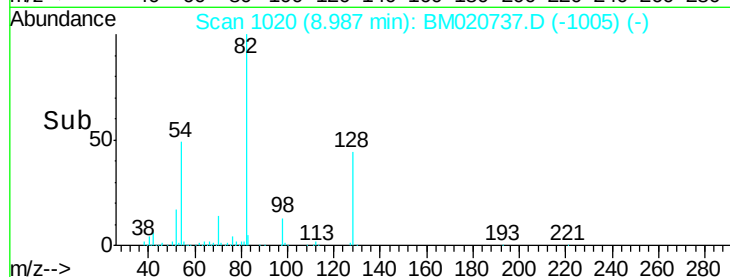
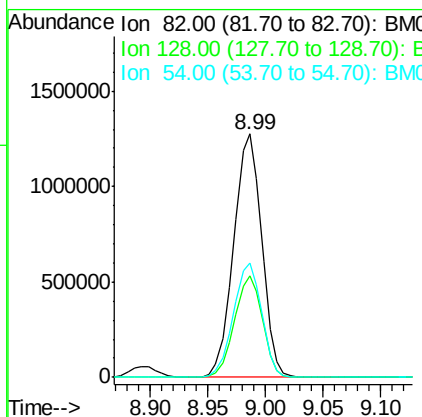
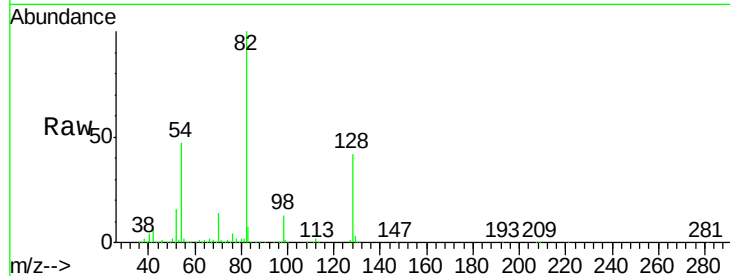
#23  
Nitrobenzene-d5  
Concen: 81.987 ng  
RT: 8.99 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.8  | 31.5  | 47.3  |
| 54      | 47.0  | 39.4  | 59.0  |

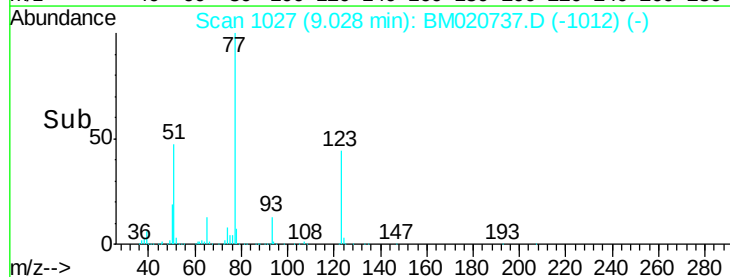
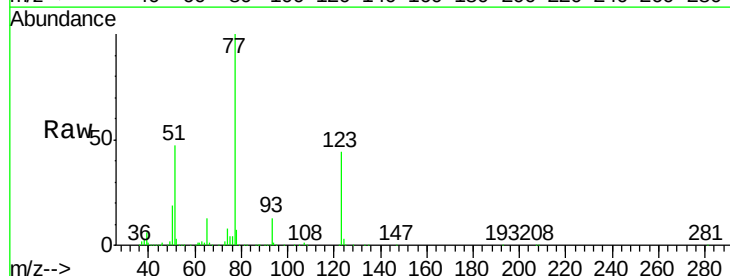
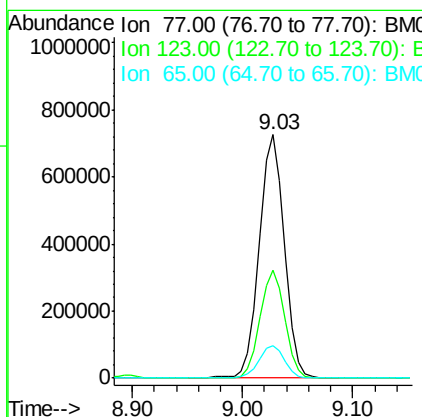
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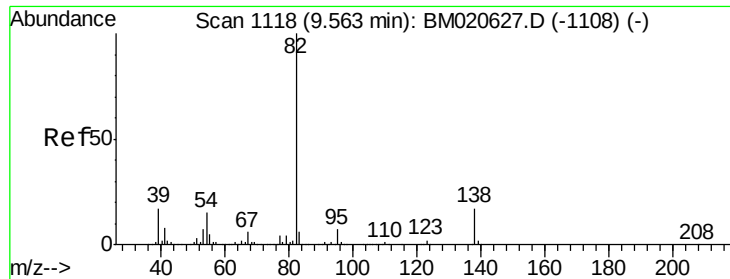


#24  
Nitrobenzene  
Concen: 43.332 ng  
RT: 9.03 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.2  | 33.7  | 50.5  |
| 65      | 13.5  | 11.0  | 16.6  |







#25

Isophorone

Concen: 40.358 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion: 82 Resp: 2099821

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

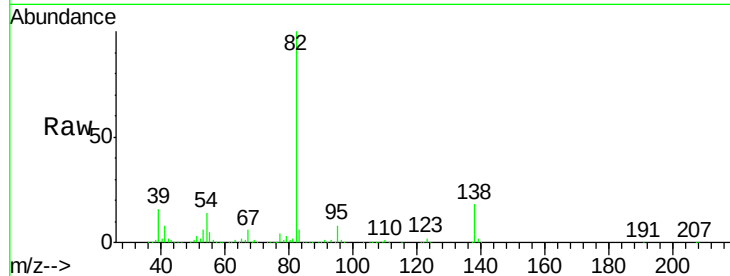
138 17.9 13.8 20.8

Manual Integrations

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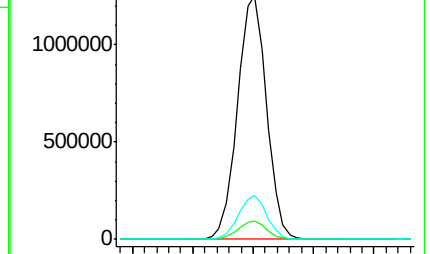
6/6/2019 11:21:43 AM



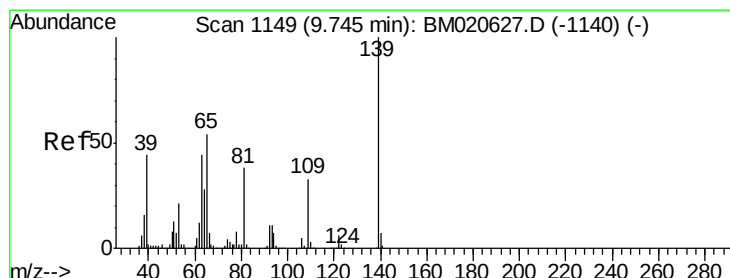
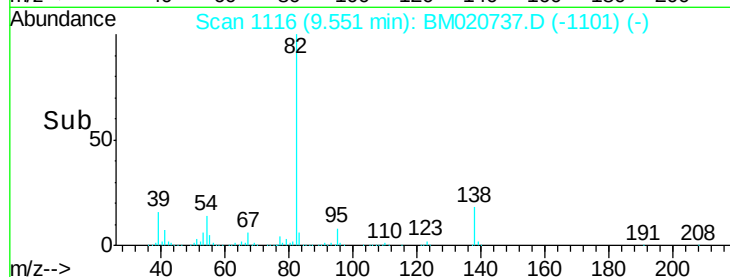
Abundance Ion 82.00 (81.70 to 82.70): BM020737.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020737.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020737.D (-1116) (-)



Time-->



#26

2-Nitrophenol

Concen: 51.622 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

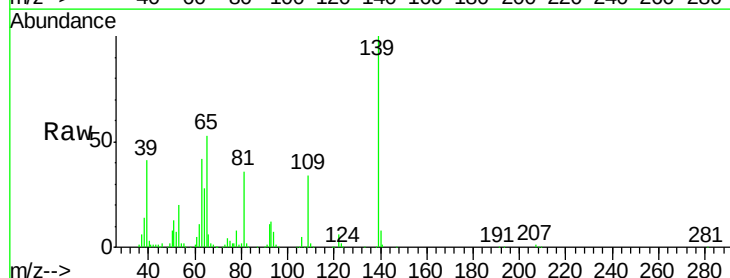
Tgt Ion: 139 Resp: 513737

Ion Ratio Lower Upper

139 100

109 34.0 26.1 39.1

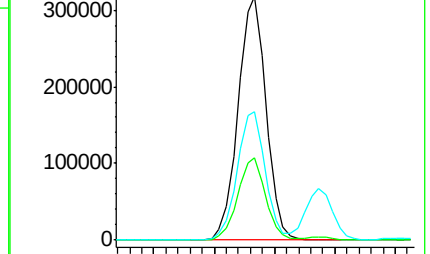
65 52.6 43.4 65.0



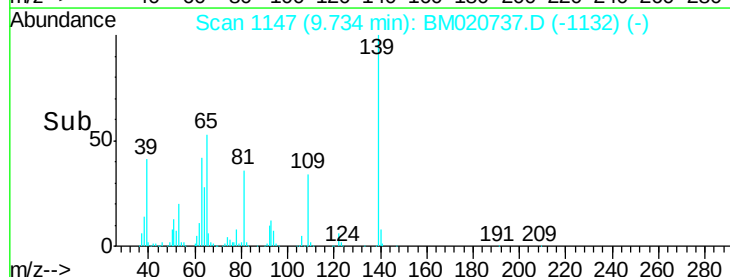
Abundance Ion 139.00 (138.70 to 139.70): BM020737.D (-1147) (-)

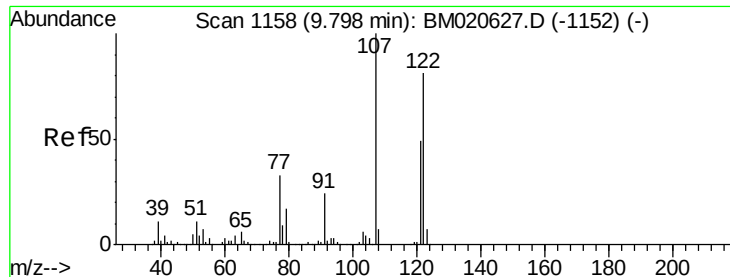
Ion 109.00 (108.70 to 109.70): BM020737.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020737.D (-1147) (-)



Time-->





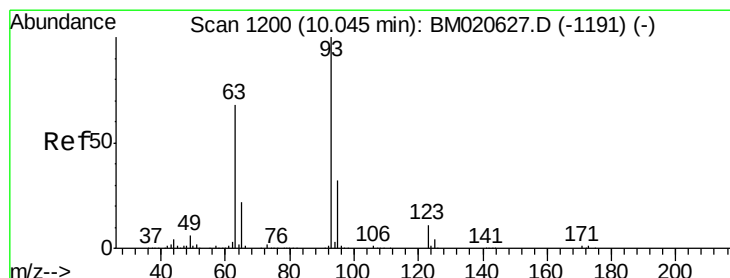
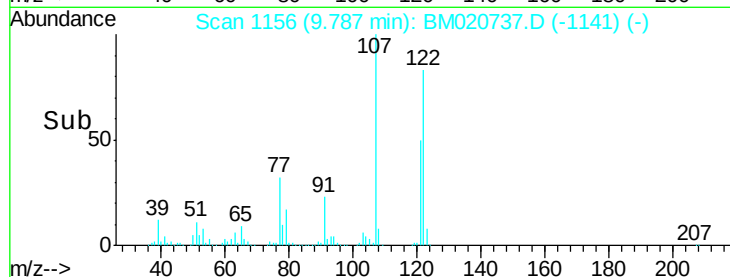
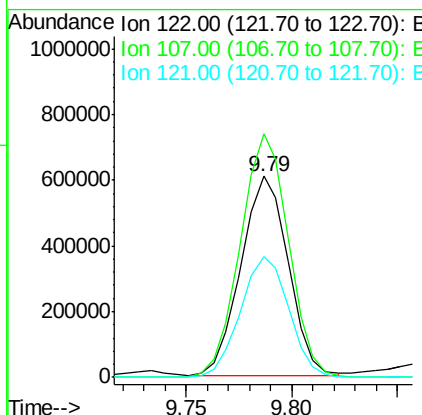
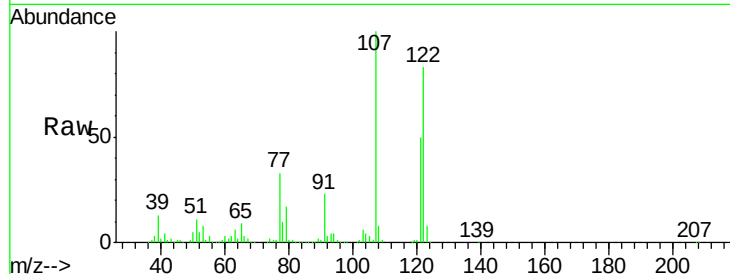
#27  
2,4-Dimethylphenol  
Concen: 50.774 ng  
RT: 9.79 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.0 | 98.0  | 147.0 |
| 121     | 60.3  | 48.2  | 72.4  |

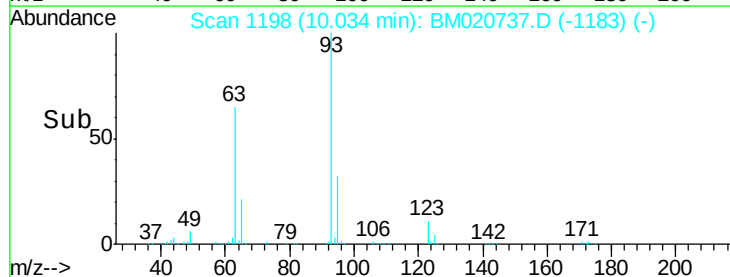
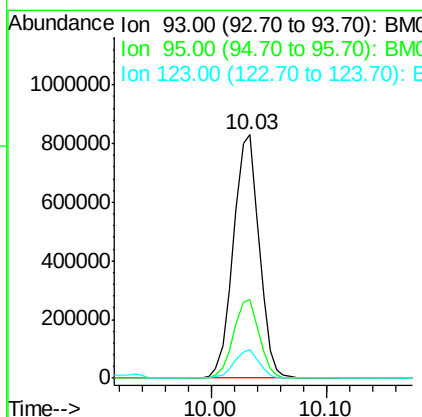
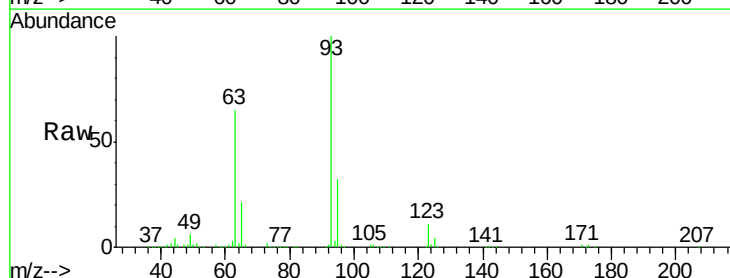
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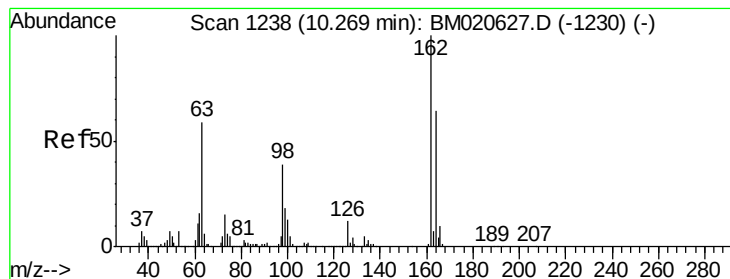
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.952 ng  
RT: 10.03 min Scan# 1198  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.8  | 38.6  |
| 123     | 11.5  | 9.0   | 13.6  |





#29

2,4-Dichlorophenol

Concen: 48.226 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

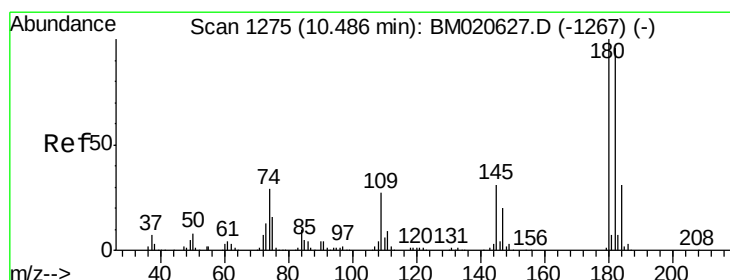
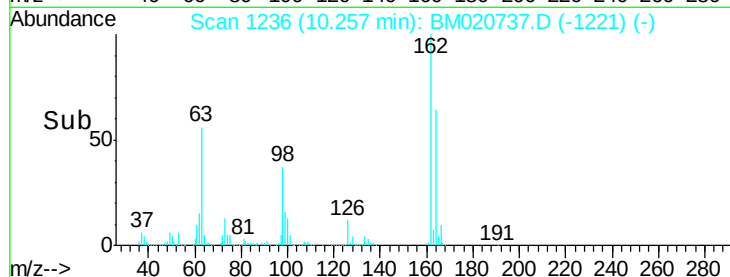
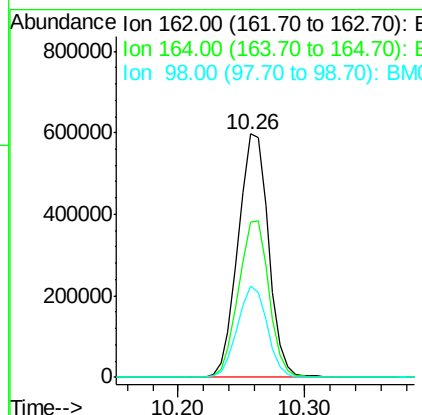
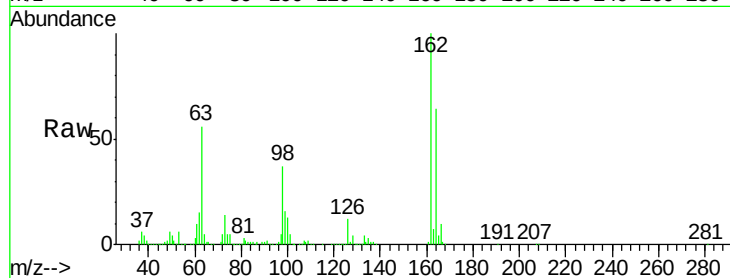
ClientSampleId :

PB120038BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 994997 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.6  | 43.8  | 83.8   |
| 98        | 37.4  | 19.1  | 59.1   |

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#30

1,2,4-Trichlorobenzene

Concen: 44.466 ng

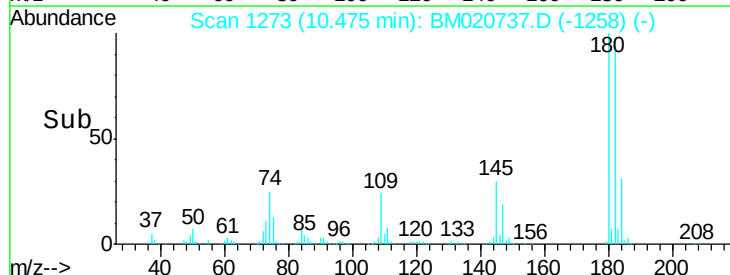
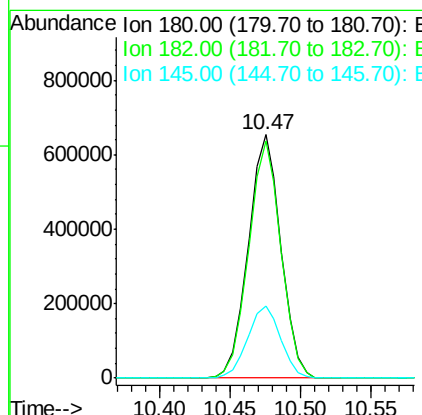
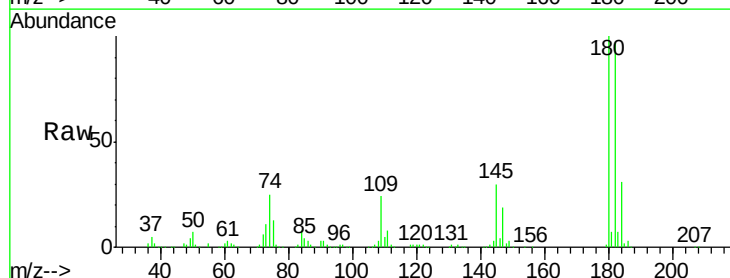
RT: 10.47 min Scan# 1273

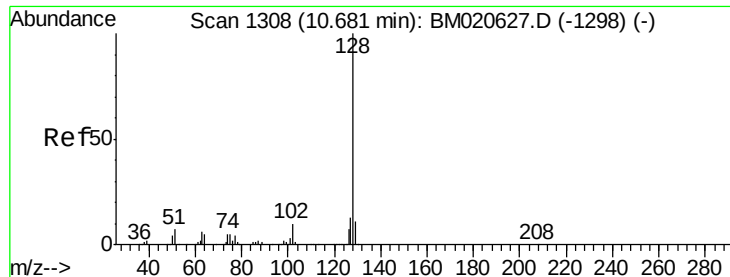
Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 180   | Resp: | 1054900 |
| Ion Ratio | Lower | Upper |         |
| 180       | 100   |       |         |
| 182       | 97.3  | 77.0  | 115.6   |
| 145       | 29.6  | 25.0  | 37.4    |





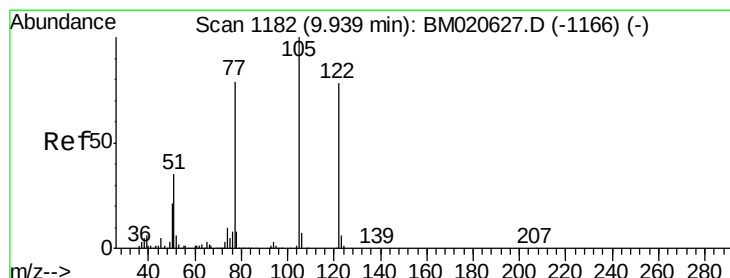
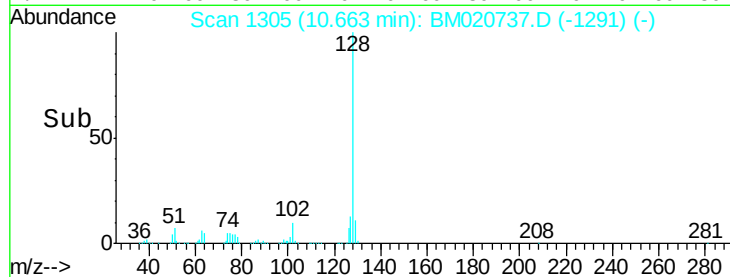
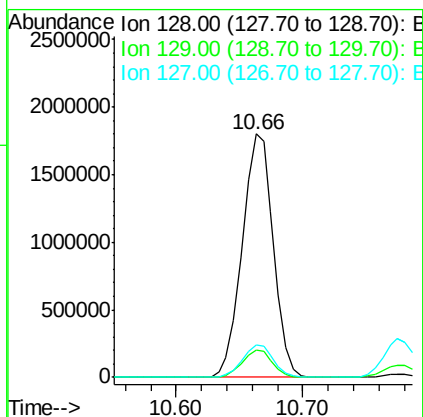
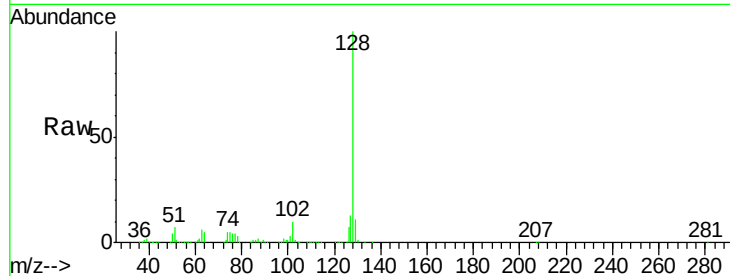
#31  
Naphthalene  
Concen: 43.743 ng  
RT: 10.66 min Scan# 1305  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.7   | 13.1  |
| 127     | 13.2  | 10.3  | 15.5  |

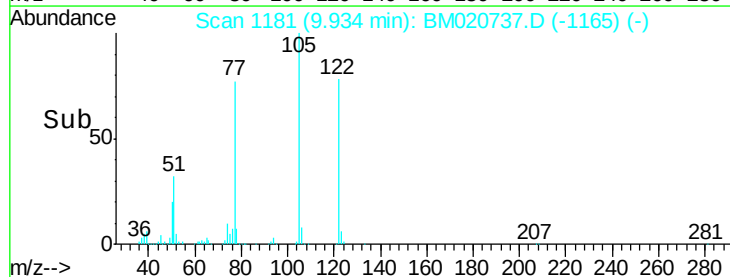
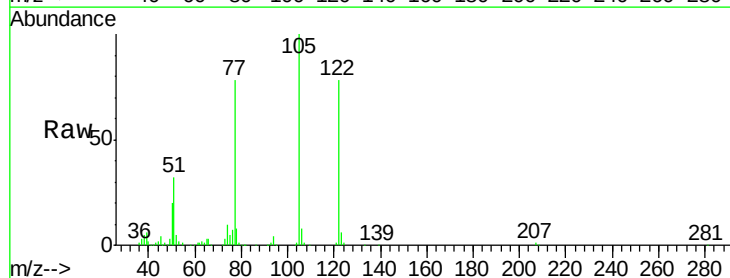
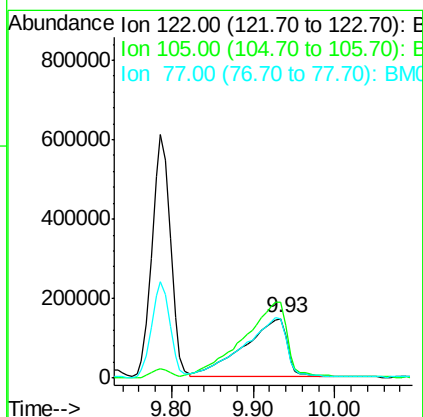
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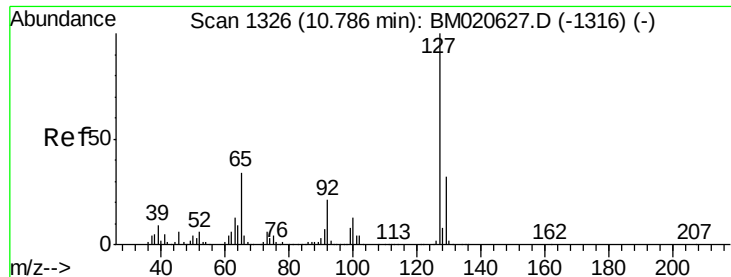
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#32  
Benzoic acid  
Concen: 45.876 ng m  
RT: 9.93 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.2 | 107.0 | 147.0 |
| 77      | 99.6  | 80.9  | 120.9 |





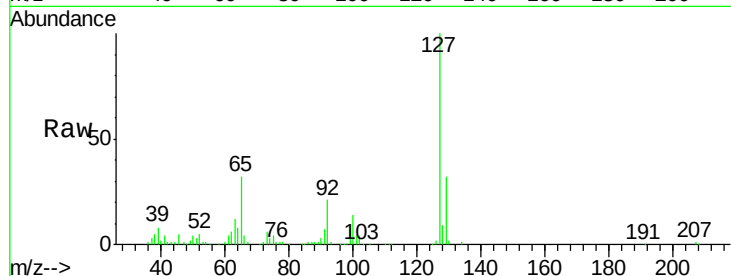
#33  
4-Chloroaniline  
Concen: 15.039 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

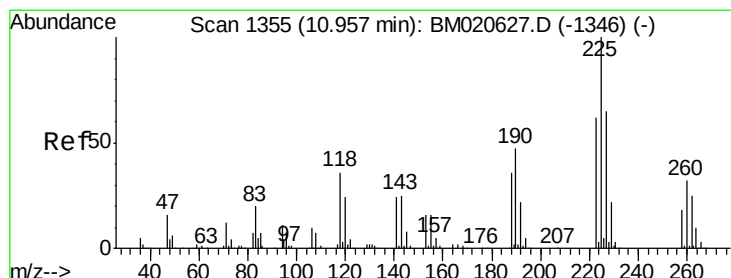
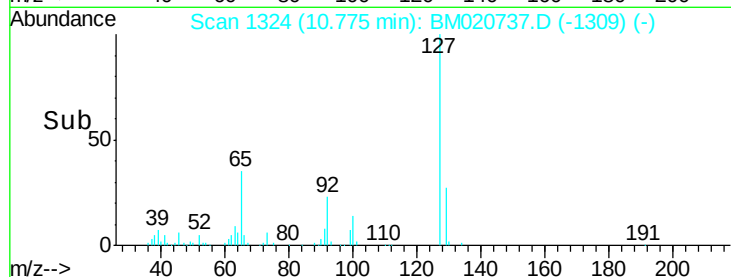
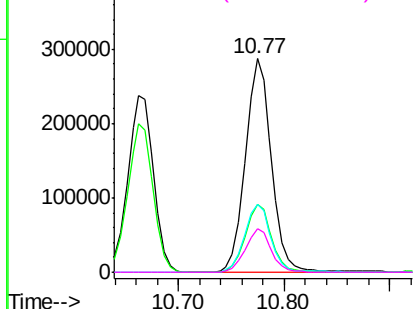
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.0  | 25.7  | 38.5  |
| 65      | 32.0  | 27.4  | 41.0  |
| 92      | 20.5  | 17.0  | 25.6  |

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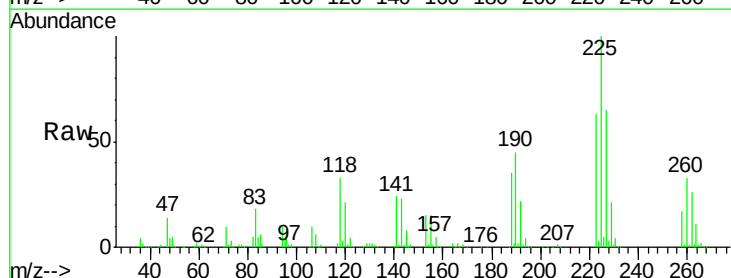


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

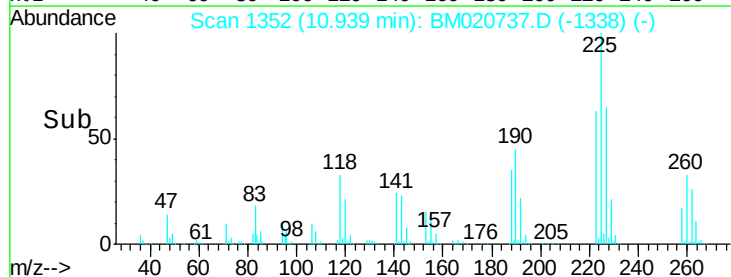
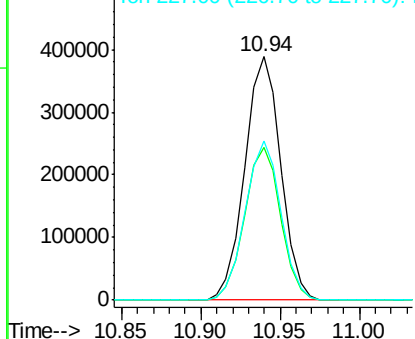


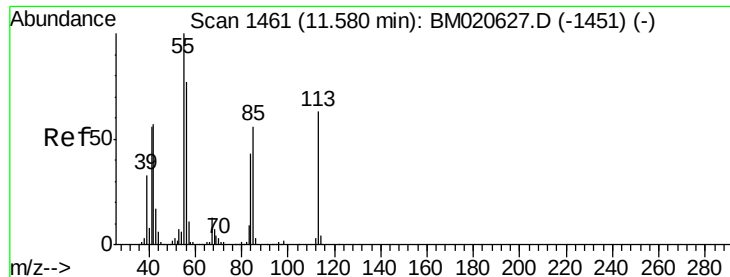
#34  
Hexachlorobutadiene  
Concen: 43.113 ng  
RT: 10.94 min Scan# 1352  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 49.7  | 74.5  |
| 227     | 65.1  | 51.8  | 77.8  |



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: 38.974 ng/mL

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:113 Resp: 279350

Ion Ratio Lower Upper

113 100

55 162.9 138.6 178.6

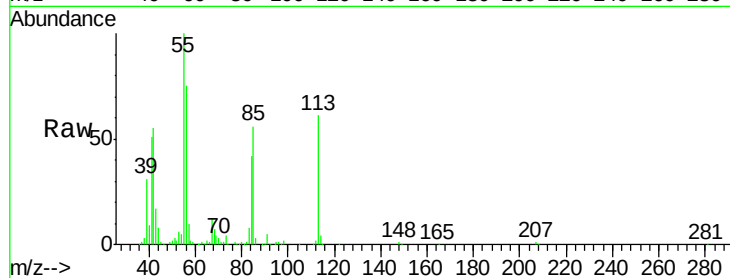
56 122.7 102.3 142.3

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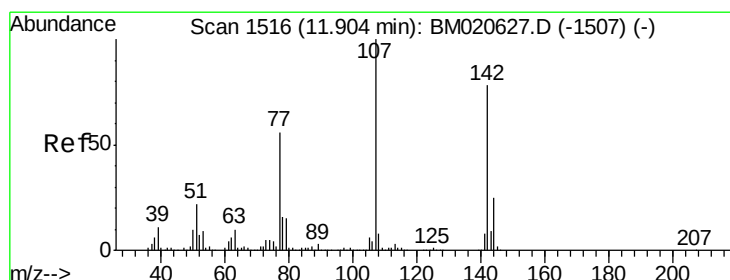
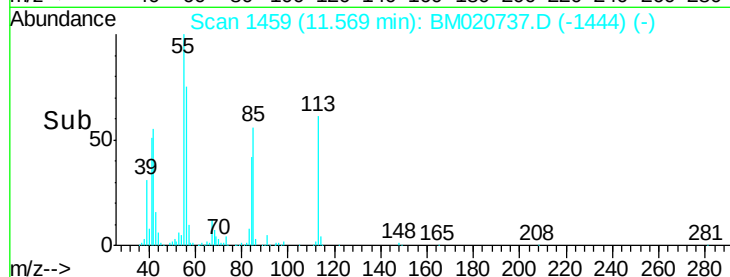
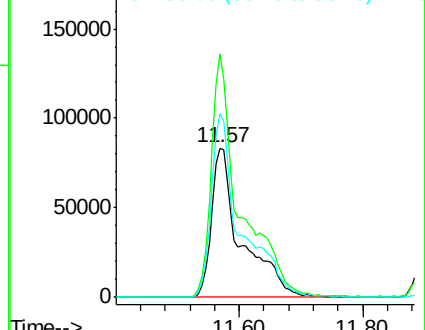
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.213 ng/mL

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

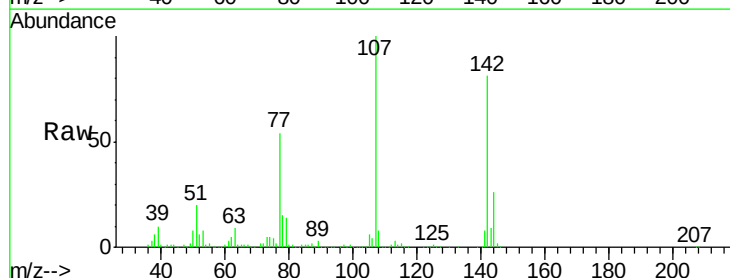
Tgt Ion:107 Resp: 1012605

Ion Ratio Lower Upper

107 100

144 26.0 20.3 30.5

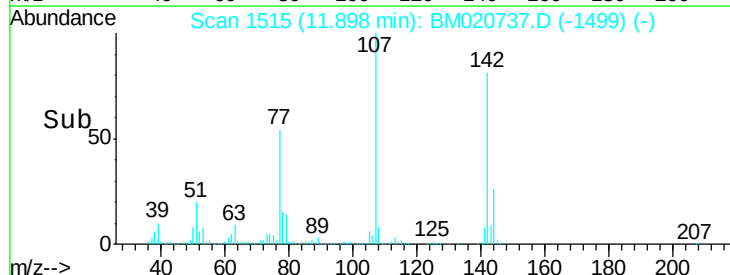
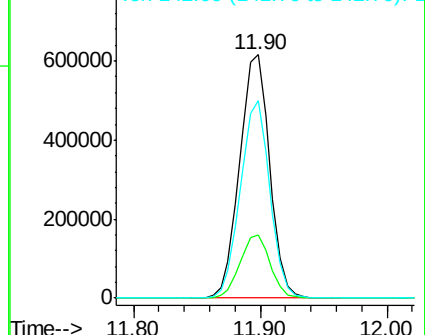
142 81.1 62.6 93.8

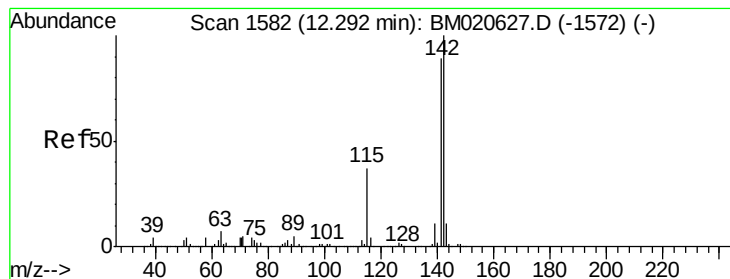


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.363 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:142 Resp: 2239958

Ion Ratio Lower Upper

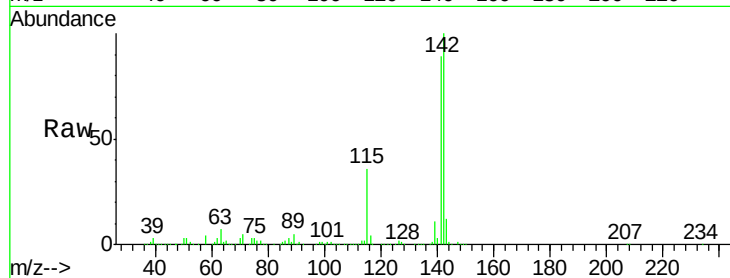
142 100

141 89.2 71.6 107.4

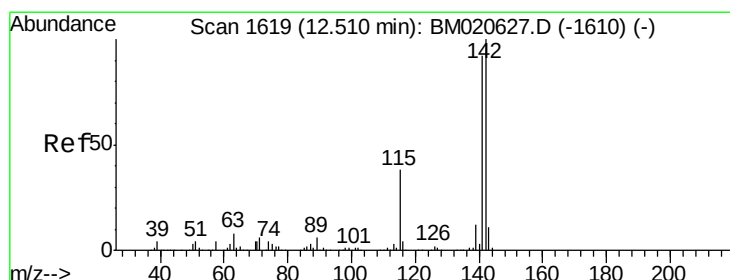
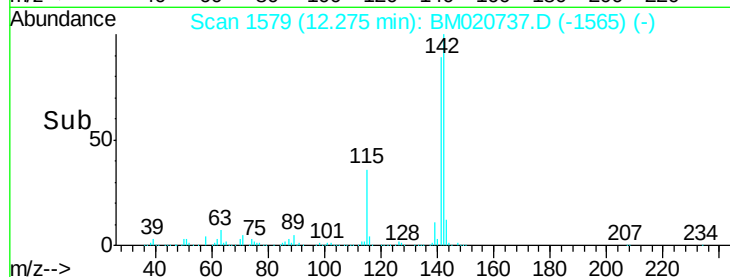
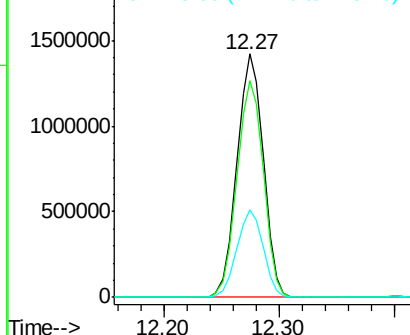
115 36.1 29.6 44.4

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



#38

1-Methylnaphthalene

Concen: 43.518 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

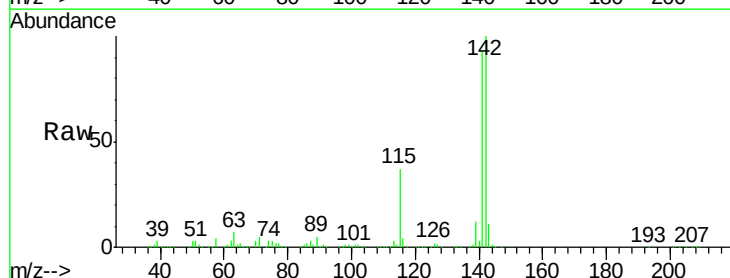
Tgt Ion:142 Resp: 2140500

Ion Ratio Lower Upper

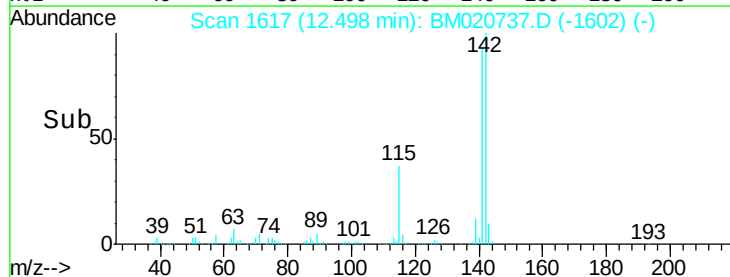
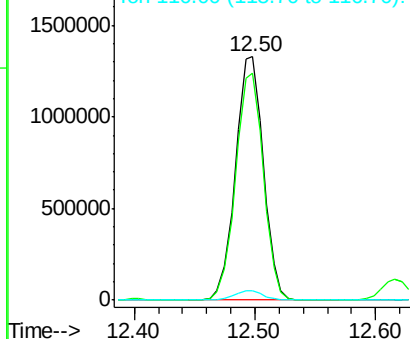
142 100

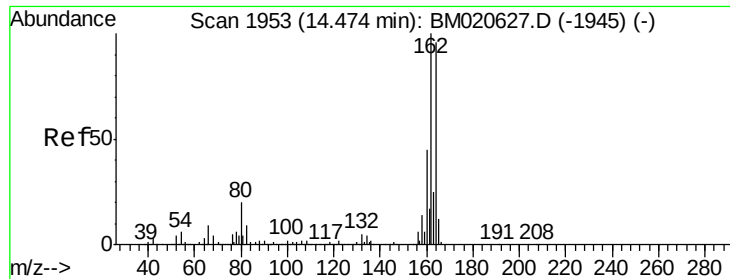
141 93.1 73.9 110.9

116 3.8 3.2 4.8



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





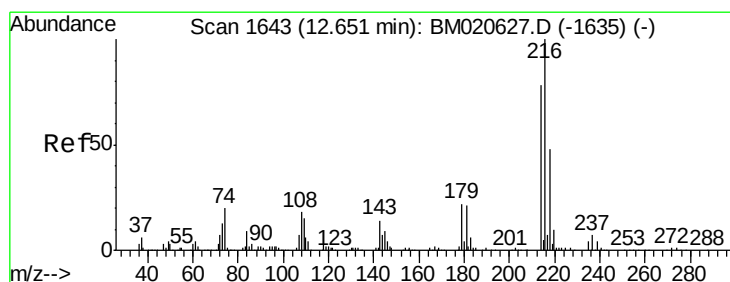
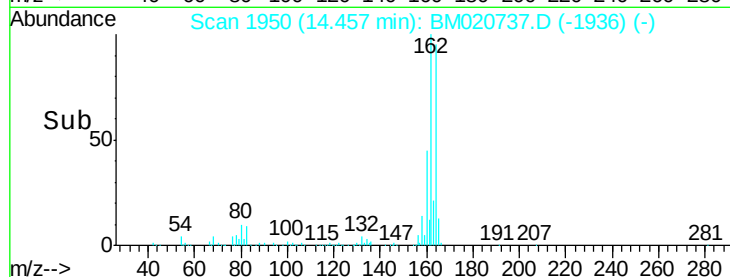
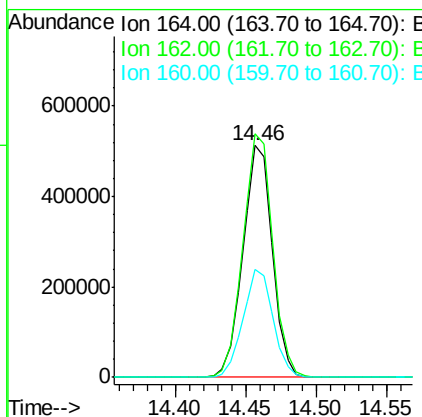
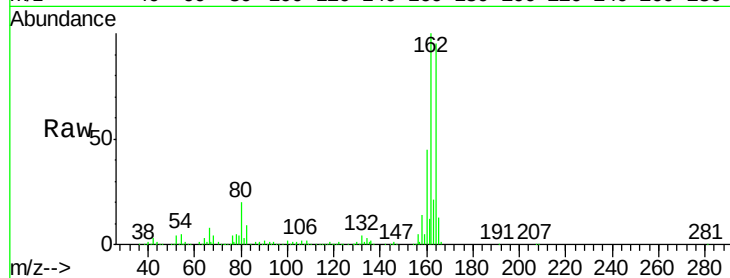
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.46 min Scan# 1950  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.0 | 83.2  | 124.8 |
| 160     | 46.7  | 37.5  | 56.3  |

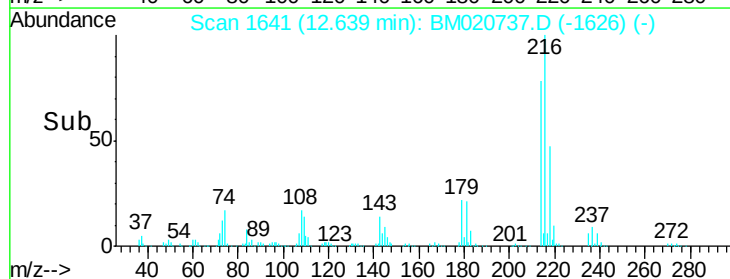
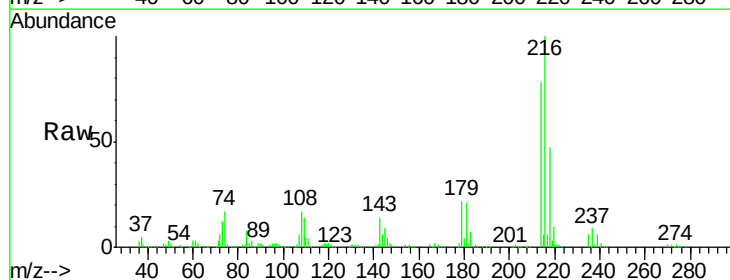
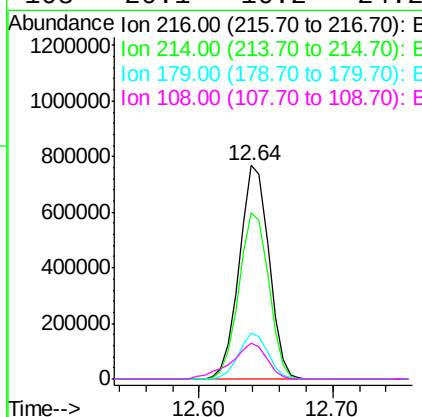
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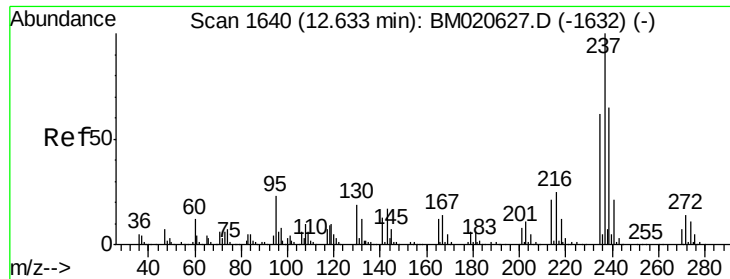


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.030 ng  
RT: 12.64 min Scan# 1641  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.6  | 63.0  | 94.4  |
| 179     | 21.4  | 17.9  | 26.9  |
| 108     | 20.1  | 16.2  | 24.2  |







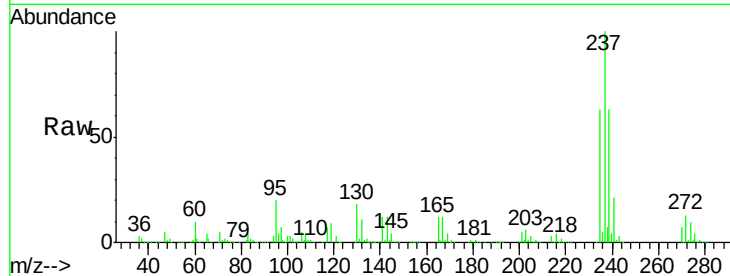
#41  
Hexachlorocyclopentadiene  
Concen: 100.822 ng  
RT: 12.62 min Scan# 1637  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

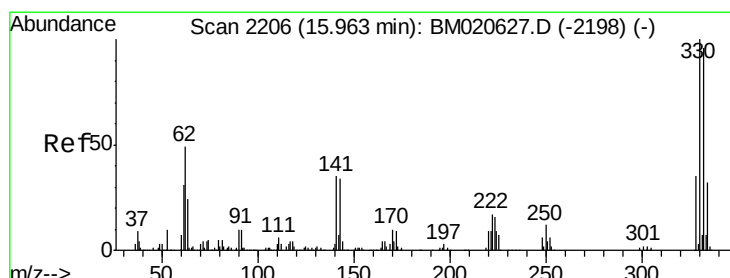
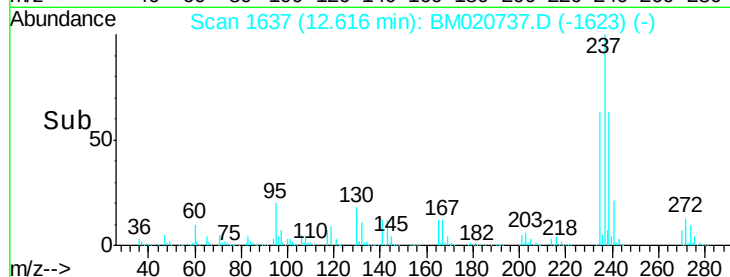
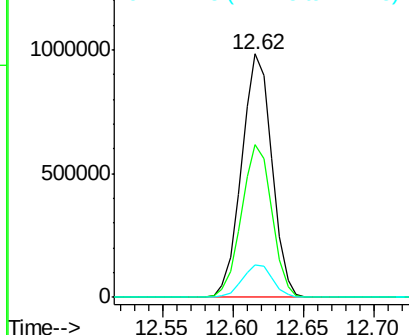
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.6  | 42.1  | 82.1  |
| 272     | 13.3  | 0.0   | 33.5  |

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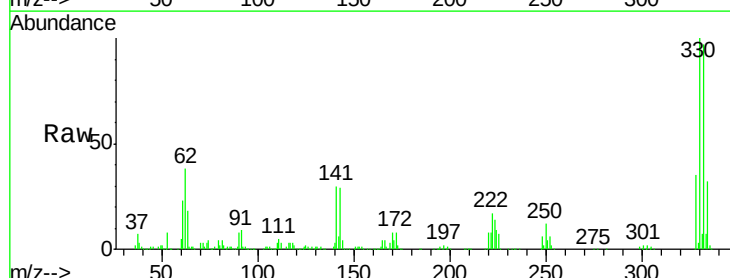


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

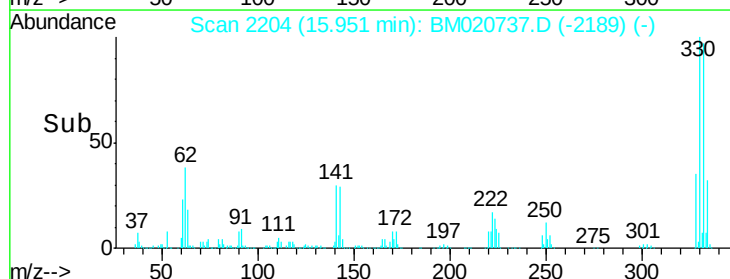
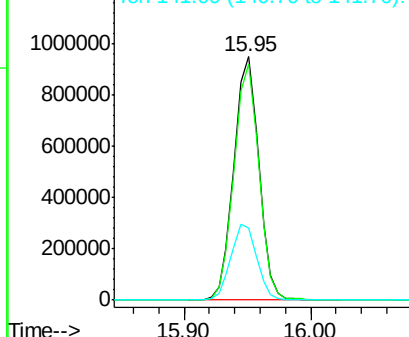


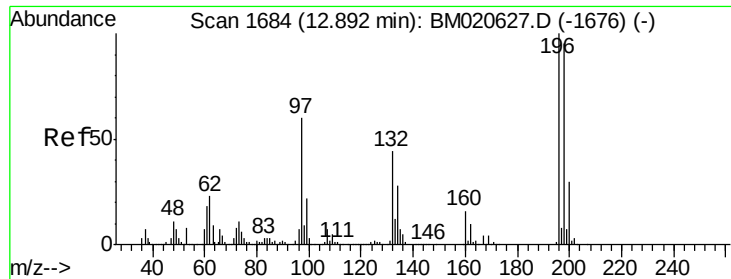
#42  
2,4,6-Tribromophenol  
Concen: 139.786 ng  
RT: 15.95 min Scan# 2204  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.4  | 116.0 |
| 141     | 32.5  | 30.4  | 45.6  |



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





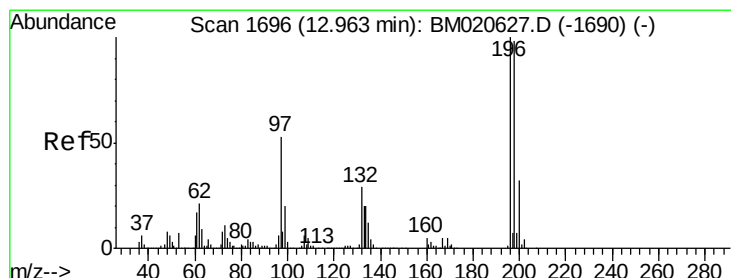
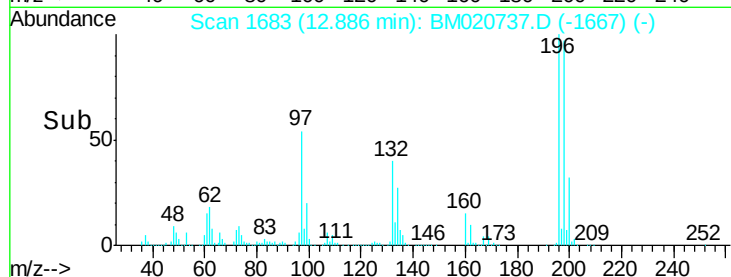
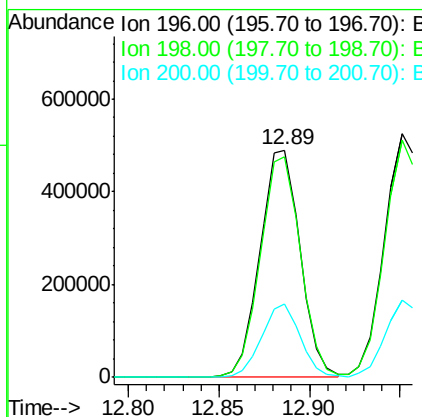
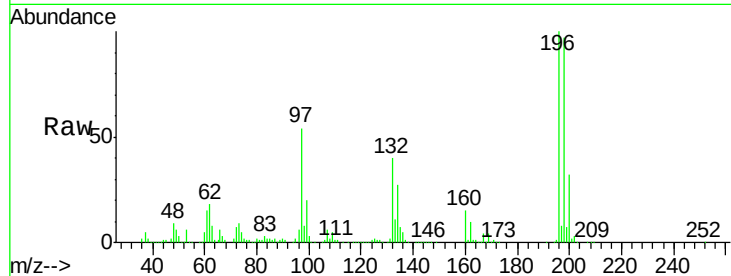
#43  
 2,4,6-Trichlorophenol  
 Concen: 48.031 ng  
 RT: 12.89 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 757122 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.9  | 75.7  | 113.5  |
| 200       | 32.1  | 23.9  | 35.9   |

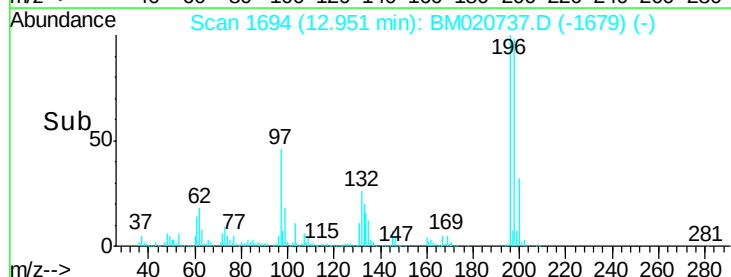
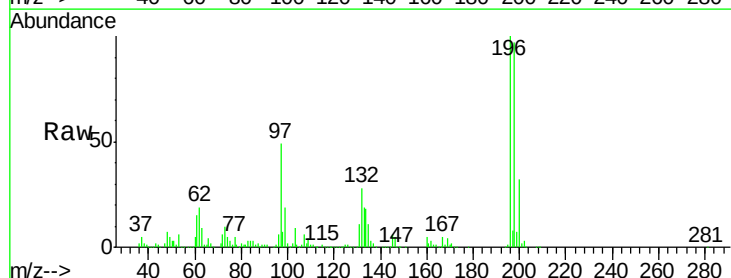
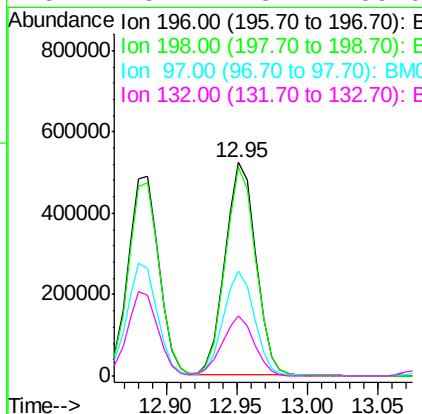
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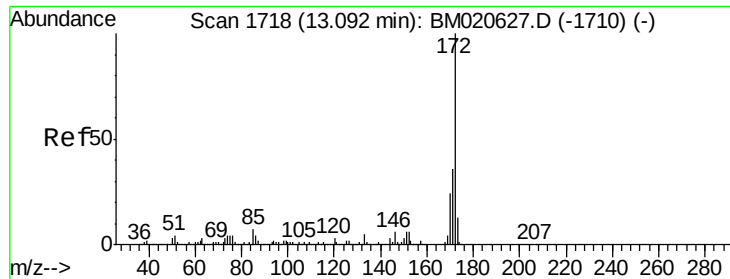
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#44  
 2,4,5-Trichlorophenol  
 Concen: 48.980 ng  
 RT: 12.95 min Scan# 1694  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 797079 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.5  | 78.6  | 117.8  |
| 97        | 49.0  | 42.7  | 64.1   |
| 132       | 28.1  | 23.4  | 35.0   |





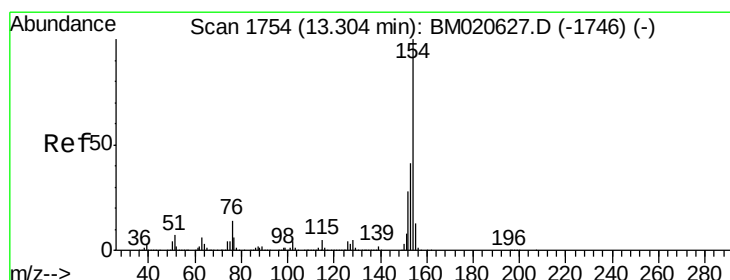
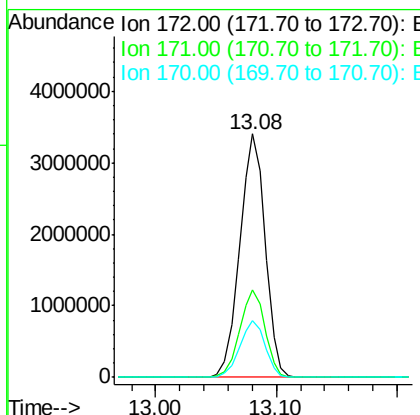
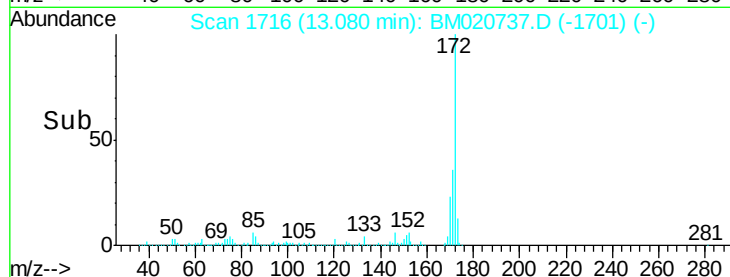
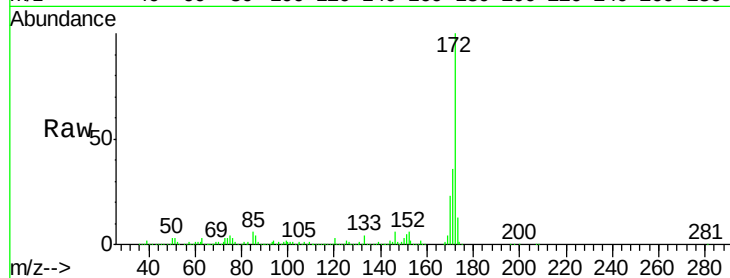
#45  
2-Fluorobiphenyl  
Concen: 88.545 ng  
RT: 13.08 min Scan# 1716  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

Tot Ion:172 Resp: 4977040  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 43.0  
170 23.4 18.9 28.3

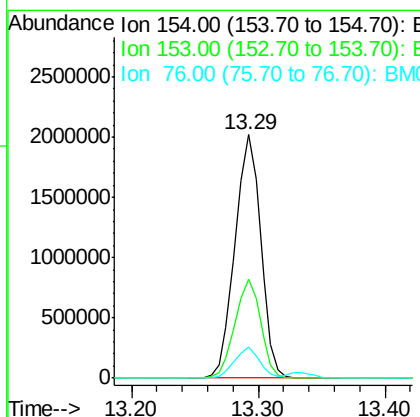
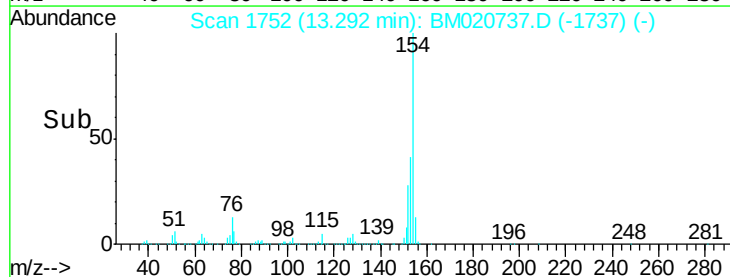
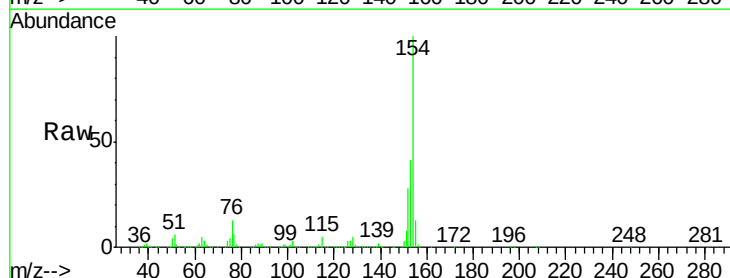
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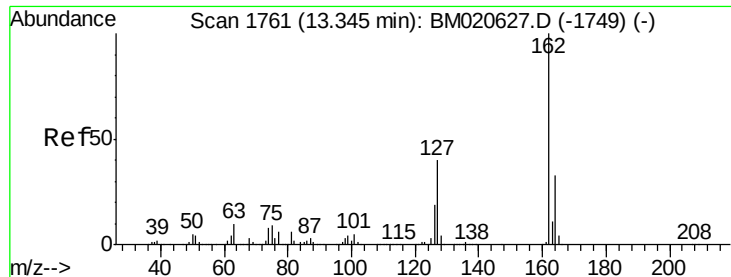
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#46  
1,1'-Biphenyl  
Concen: 45.381 ng  
RT: 13.29 min Scan# 1752  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Tgt Ion:154 Resp: 2832246  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.7 60.7  
76 12.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 43.357 ng

RT: 13.33 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion: 162 Resp: 2183924

Ion Ratio Lower Upper

162 100

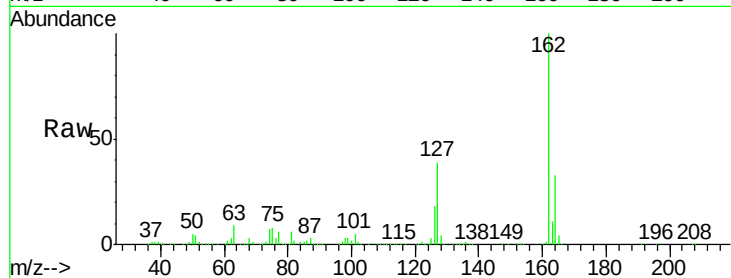
127 38.9 32.1 48.1

164 33.3 26.6 39.8

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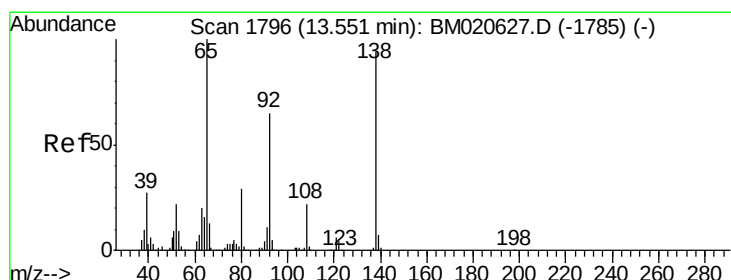
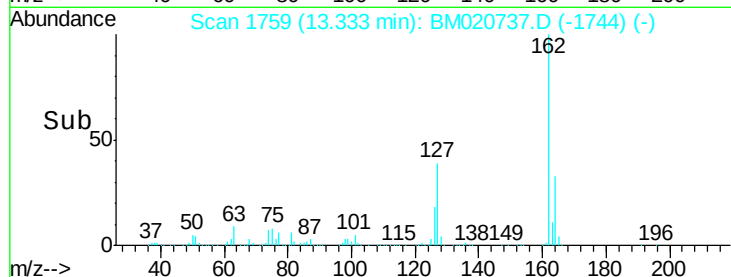
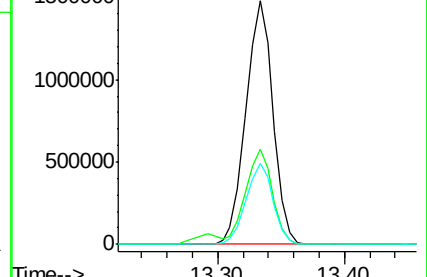
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.764 ng

RT: 13.55 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

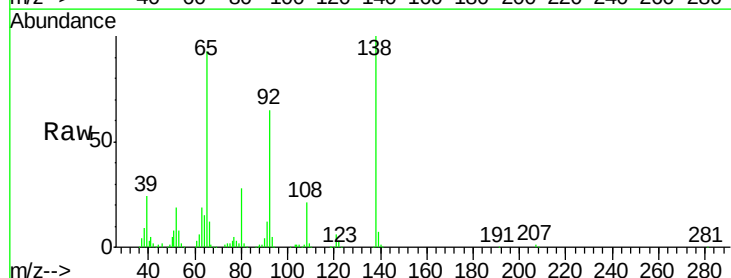
Tgt Ion: 65 Resp: 612837

Ion Ratio Lower Upper

65 100

92 69.9 52.2 78.4

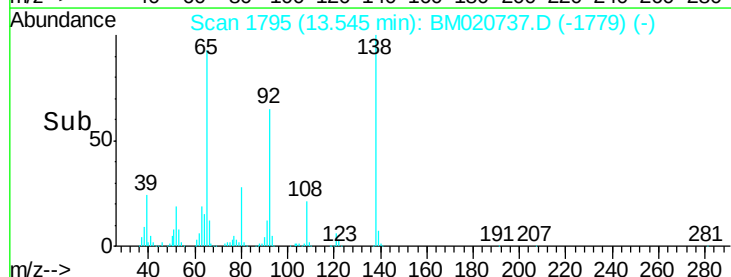
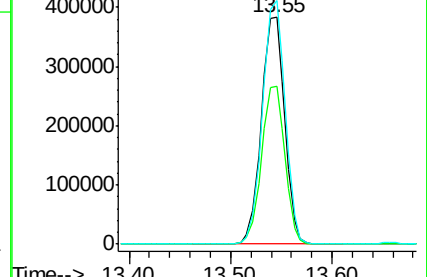
138 107.5 75.4 113.0

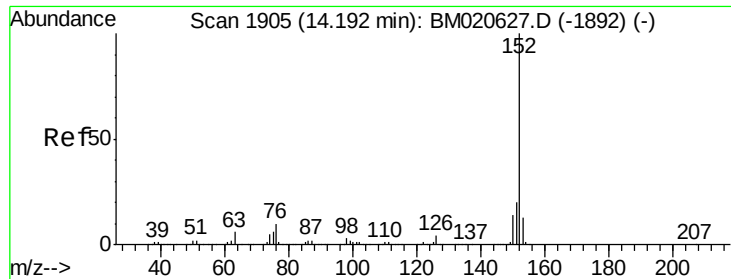


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.010 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:152 Resp: 3458916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.0  | 16.2  | 24.2  |
| 153 | 13.1  | 10.6  | 15.8  |

152 100

151 20.0 16.2 24.2

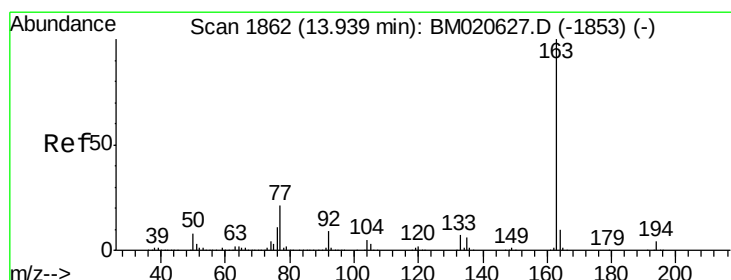
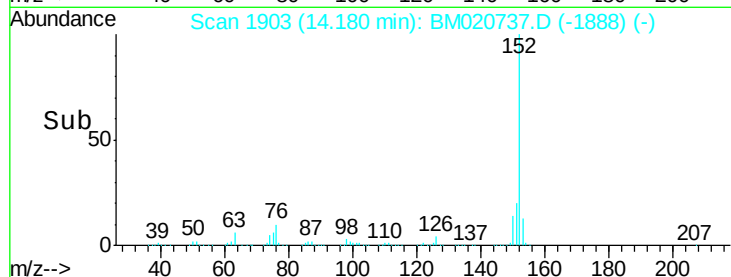
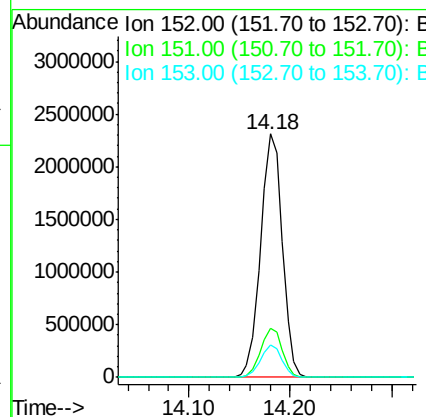
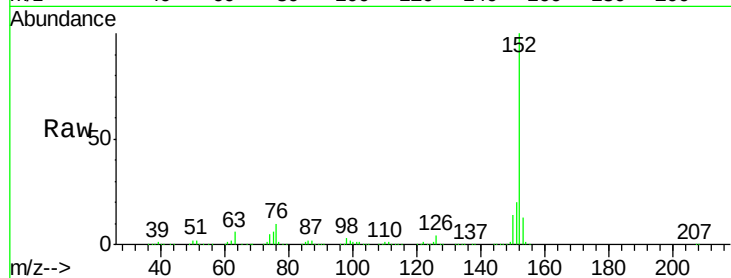
153 13.1 10.6 15.8

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#50

Dimethylphthalate

Concen: 41.321 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

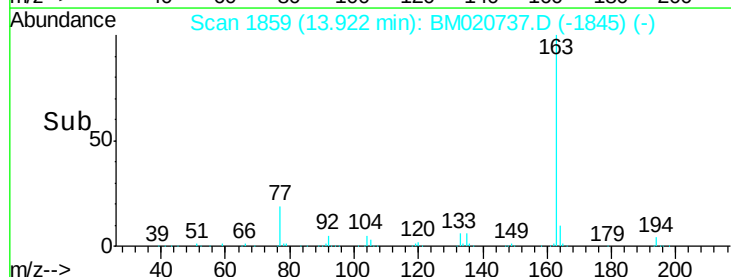
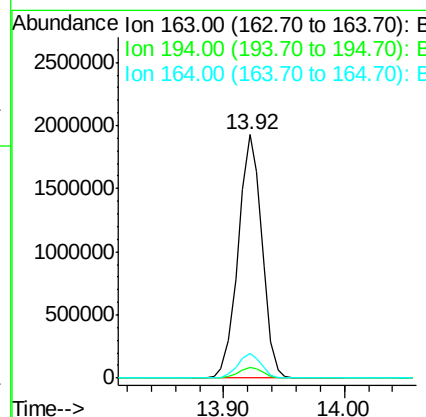
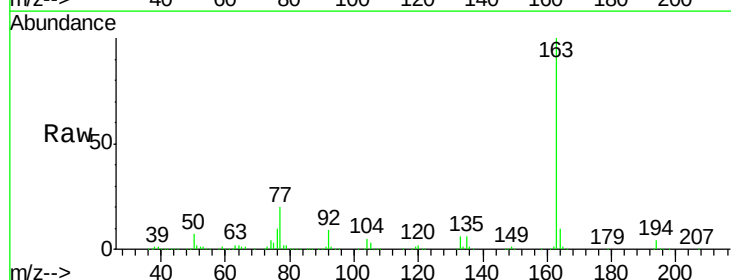
Tgt Ion:163 Resp: 2638104

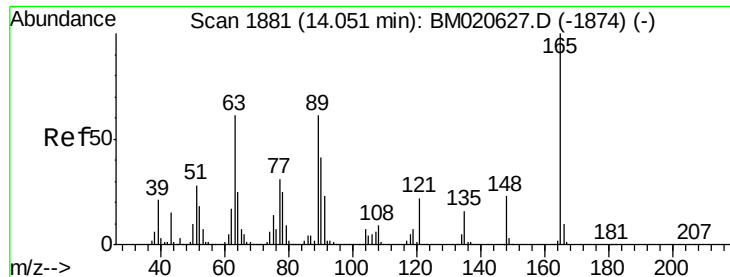
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.2   | 4.8   |
| 164 | 10.2  | 7.9   | 11.9  |

163 100

194 4.2 3.2 4.8

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 44.099 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:165 Resp: 571681

Ion Ratio Lower Upper

165 100

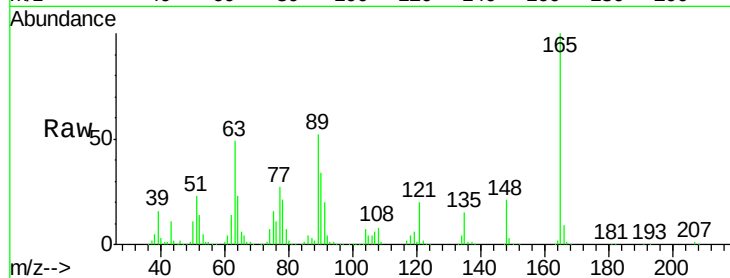
63 49.4 50.4 75.6#

89 51.9 49.1 73.7

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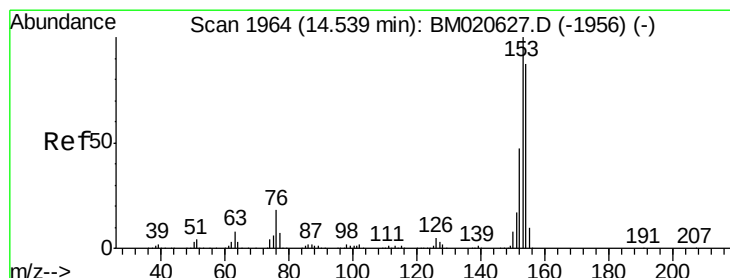
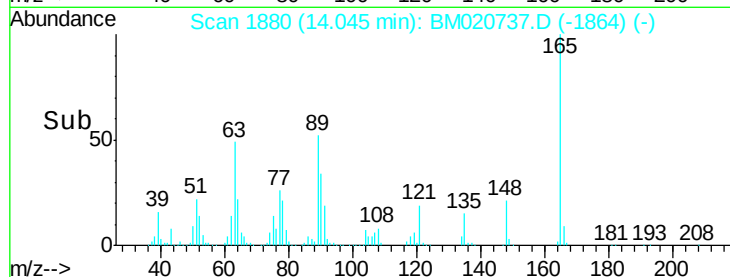
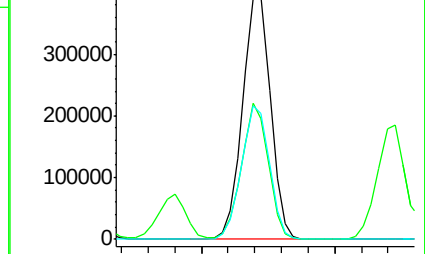
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 42.884 ng

RT: 14.52 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

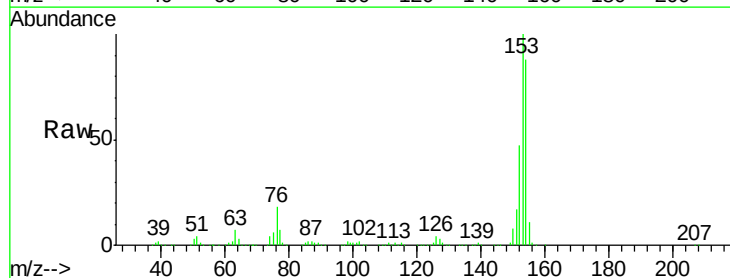
Tgt Ion:154 Resp: 2008537

Ion Ratio Lower Upper

154 100

153 114.3 92.4 138.6

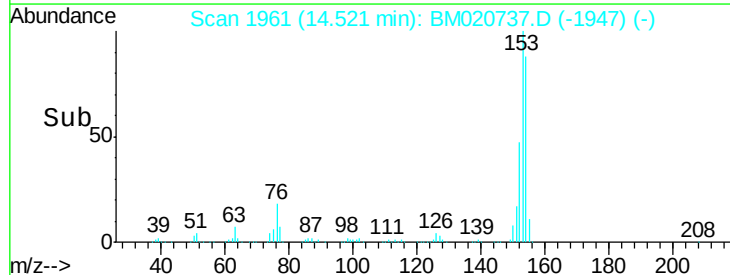
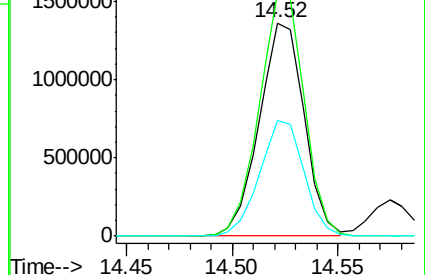
152 54.1 43.4 65.0

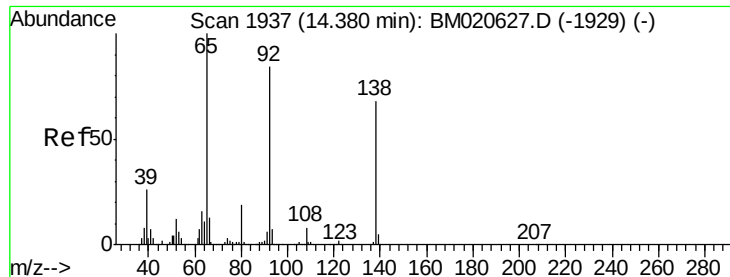


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





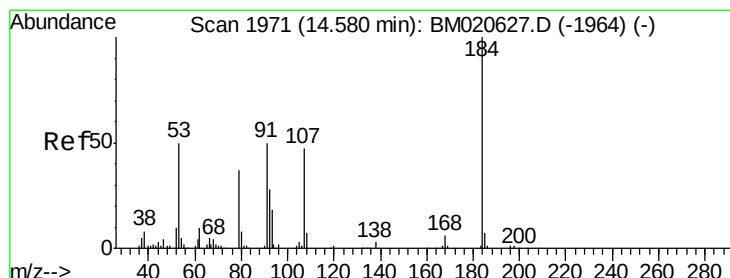
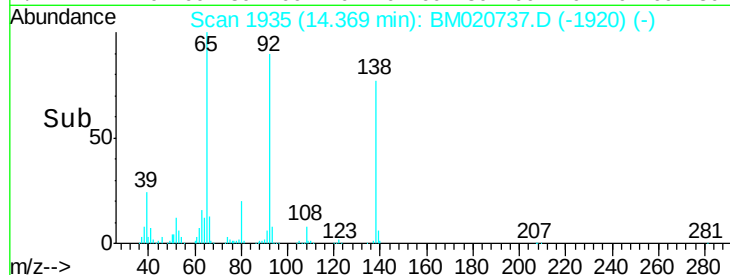
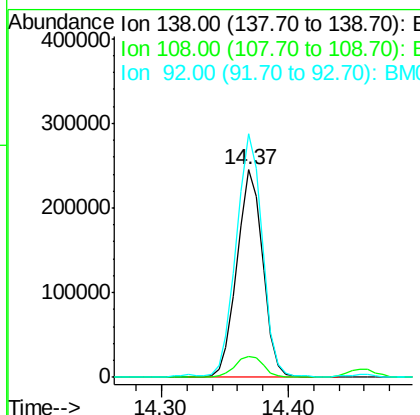
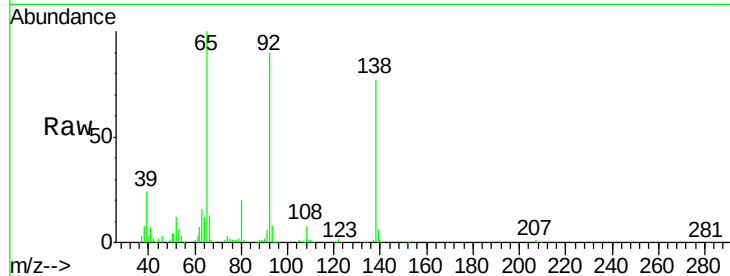
#53  
 3-Nitroaniline  
 Concen: 23.946 ng  
 RT: 14.37 min Scan# 1935  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 346487 |       |       |
| 108     | 10.3  | 9.5    | 14.3  |       |
| 92      | 117.5 | 99.6   | 149.4 |       |

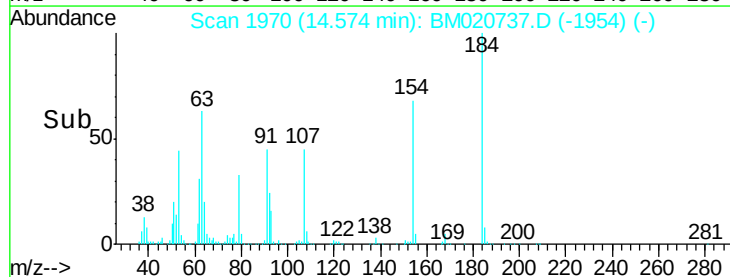
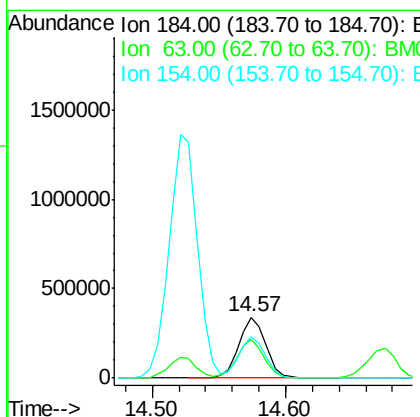
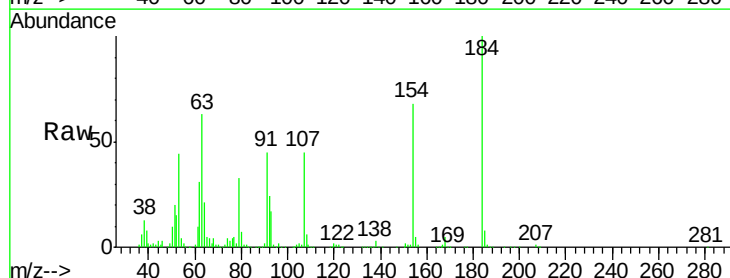
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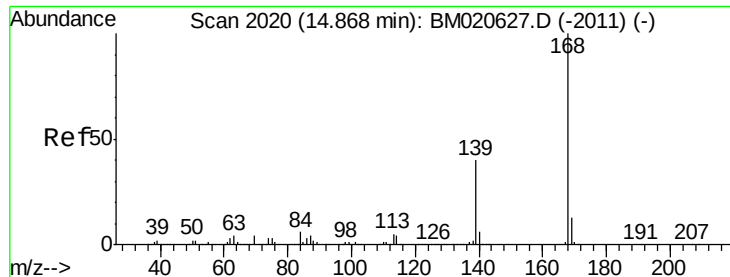
mohammad  
 6/6/2019 11:21:43 AM



#54  
 2,4-Dinitrophenol  
 Concen: 84.407 ng  
 RT: 14.57 min Scan# 1970  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 473187 |       |       |
| 63      | 63.1  | 59.3   | 88.9  |       |
| 154     | 67.8  | 56.5   | 84.7  |       |





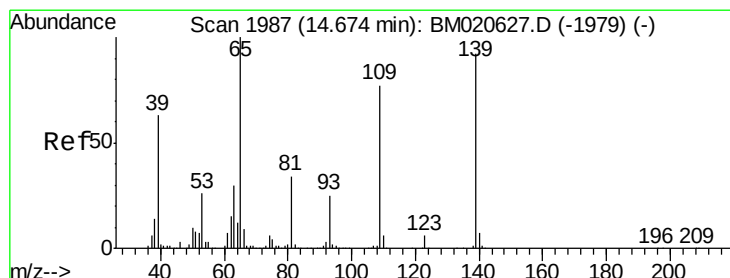
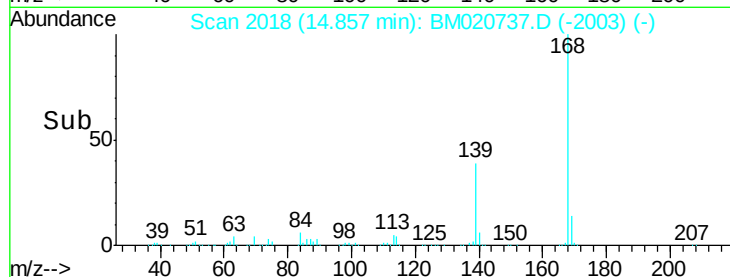
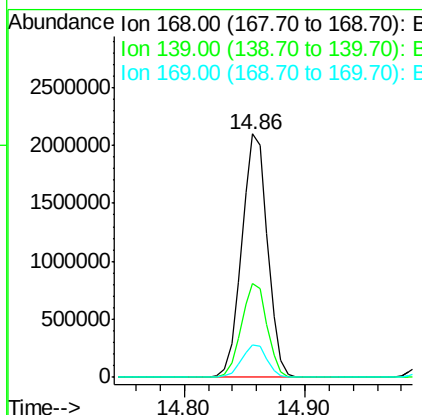
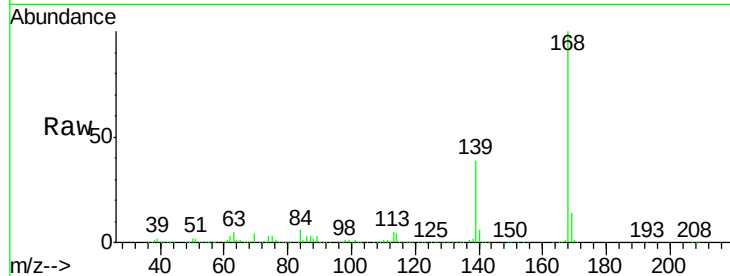
#55  
Dibenzenofuran  
Concen: 42.854 ng  
RT: 14.86 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampled :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.6  | 31.9  | 47.9  |
| 169     | 13.5  | 10.7  | 16.1  |

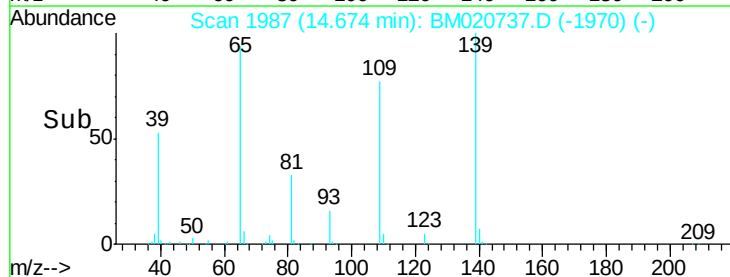
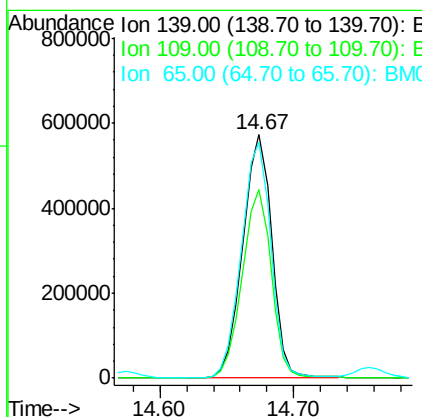
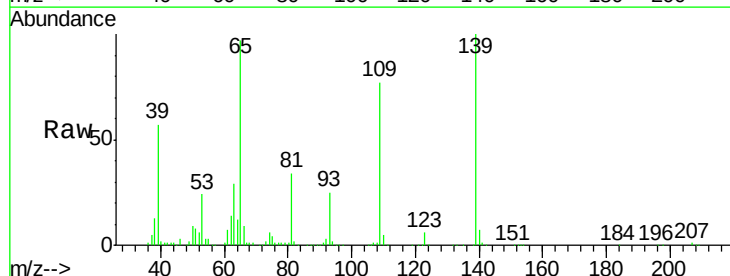
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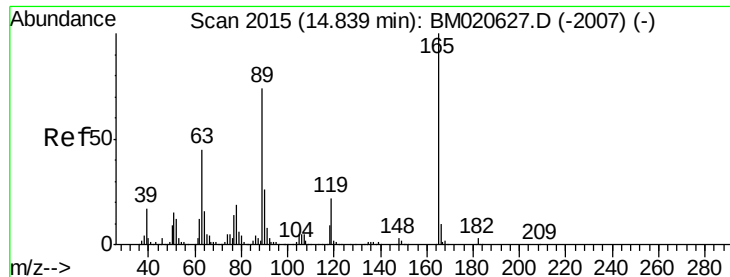


#56  
4-Nitrophenol  
Concen: 81.148 ng  
RT: 14.67 min Scan# 1987  
Delta R.T. 0.00 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 77.3  | 62.7  | 102.7 |
| 65      | 97.2  | 88.3  | 128.3 |







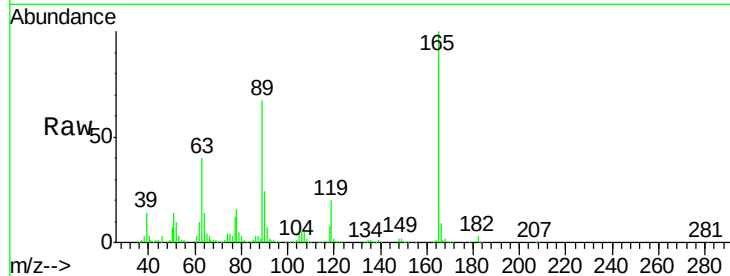
#57  
2,4-Dinitrotoluene  
Concen: 42.883 ng  
RT: 14.83 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 744346 |       |       |
| 63      | 40.2 | 36.3  | 54.5   |       |       |
| 89      | 66.5 | 59.0  | 88.6   |       |       |
| 182     | 2.7  | 2.2   | 3.4    |       |       |

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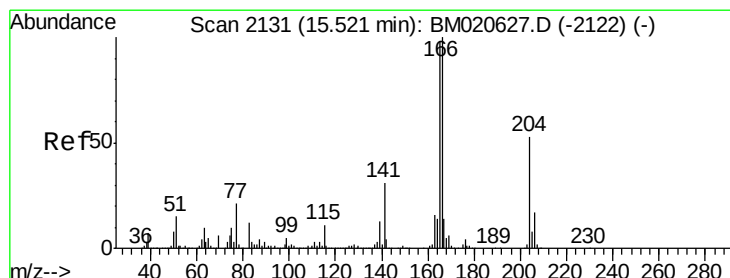
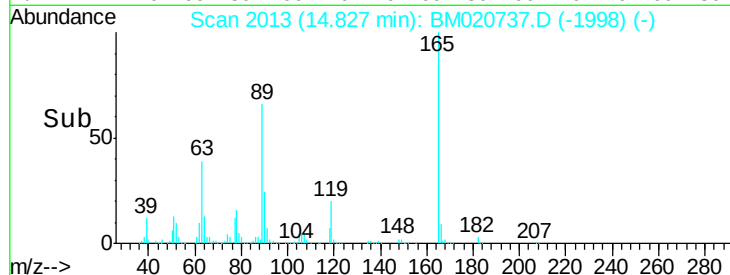
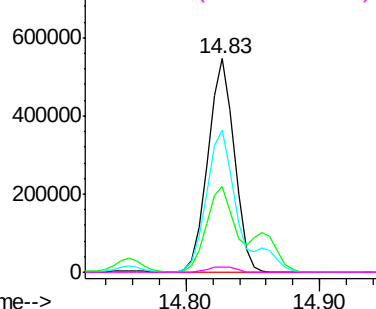
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 41.654 ng  
RT: 15.51 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

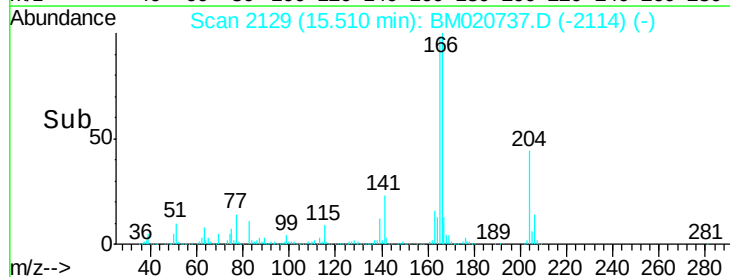
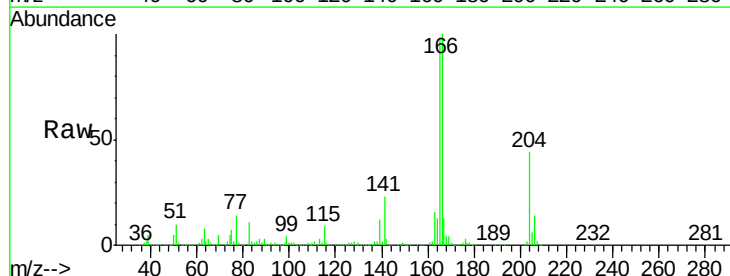
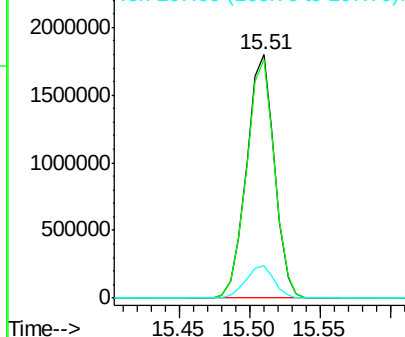
| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 166     | 100  |       | 2491763 |       |       |
| 165     | 98.0 | 78.6  | 117.8   |       |       |
| 167     | 13.2 | 11.0  | 16.4    |       |       |

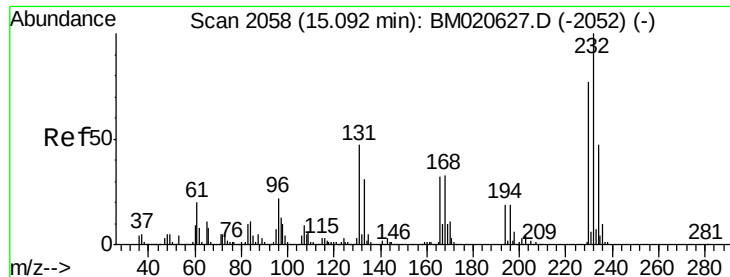
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





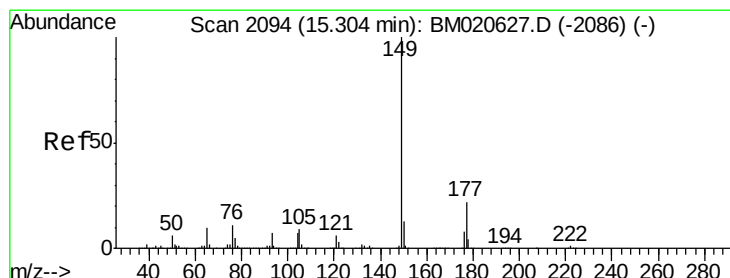
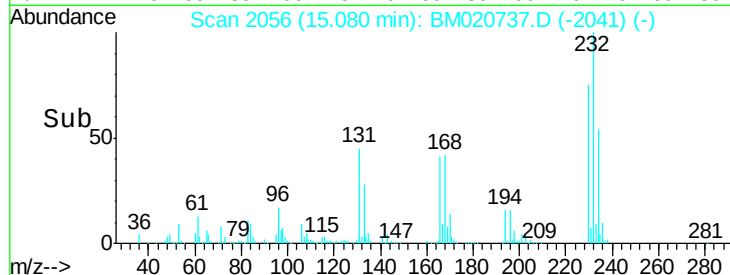
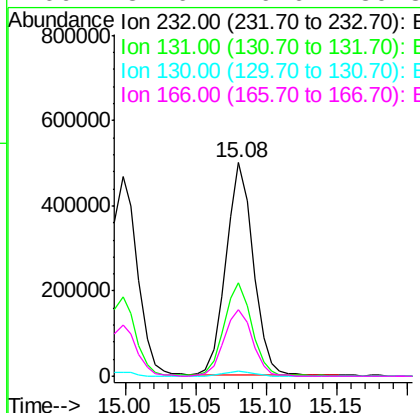
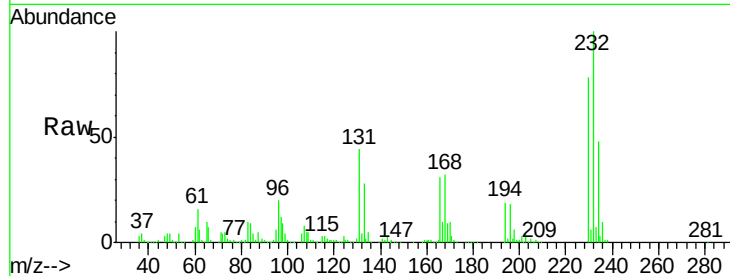
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.494 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.2  | 38.6  | 57.8  |
| 130     | 2.4   | 2.2   | 3.2   |
| 166     | 32.6  | 26.6  | 39.8  |

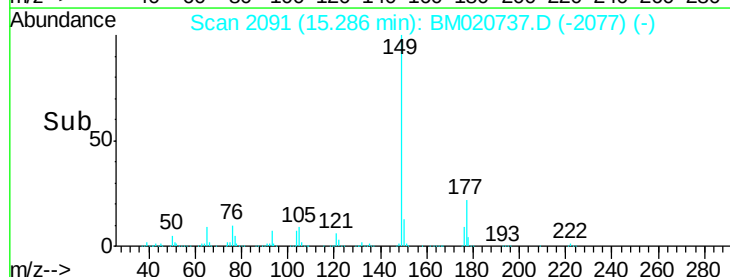
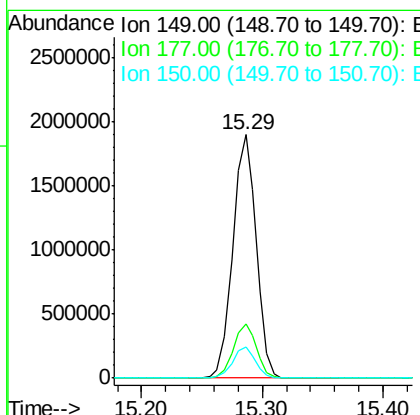
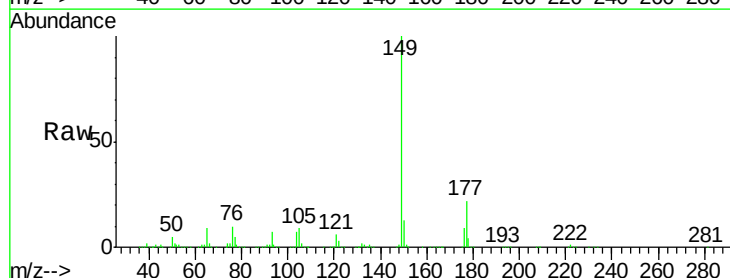
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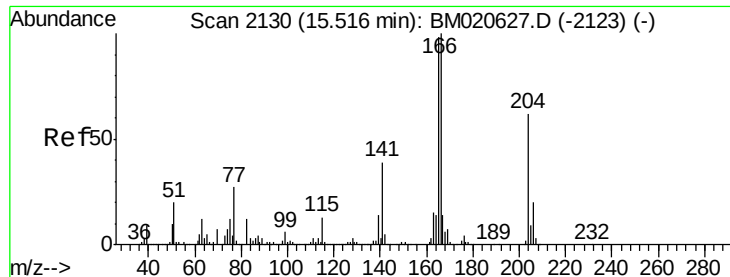
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#60  
 Diethylphthalate  
 Concen: 38.726 ng  
 RT: 15.29 min Scan# 2091  
 Delta R.T. -0.02 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.1  | 17.2  | 25.8  |
| 150     | 12.5  | 10.1  | 15.1  |





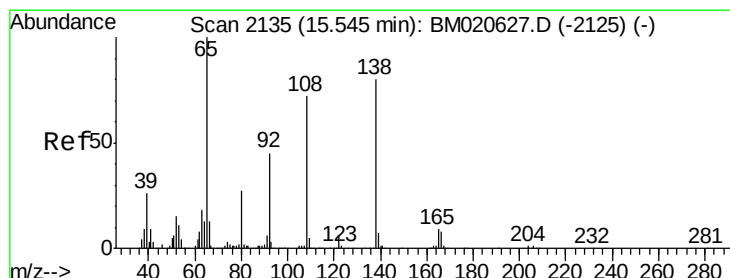
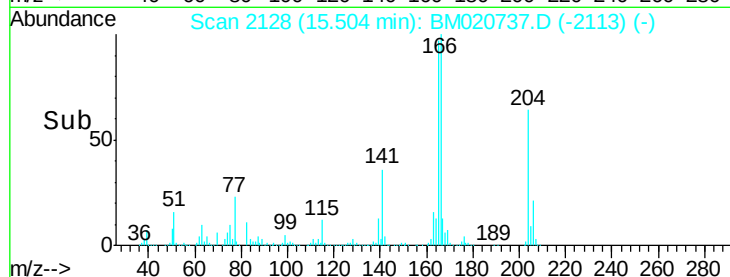
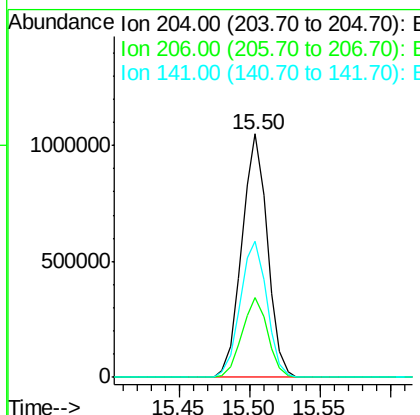
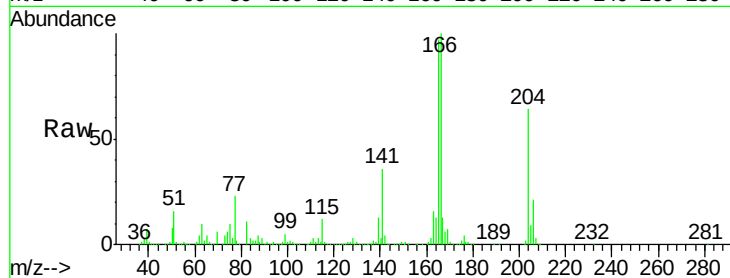
#61  
4-Chlorophenyl-phenylether  
Concen: 41.875 ng  
RT: 15.50 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 25.8  | 38.8  |
| 141     | 56.0  | 50.2  | 75.4  |

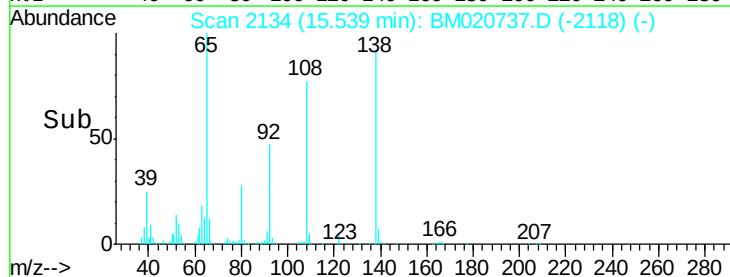
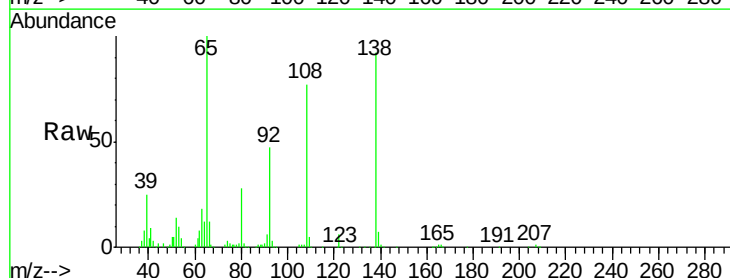
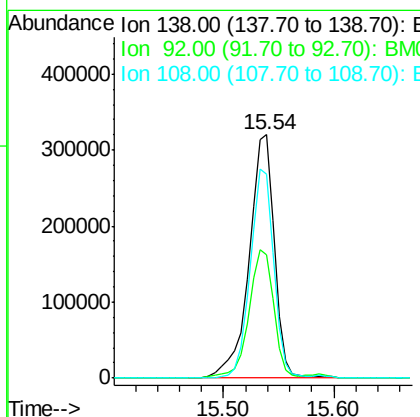
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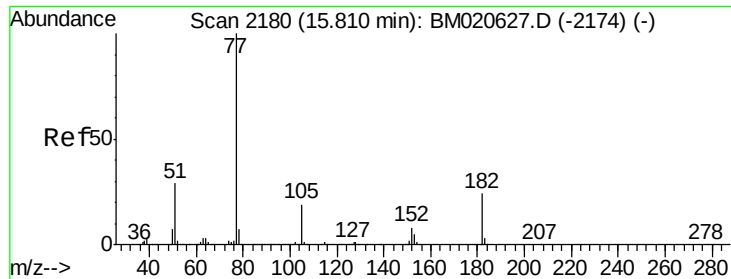
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#62  
4-Nitroaniline  
Concen: 33.753 ng  
RT: 15.54 min Scan# 2134  
Delta R.T. -0.01 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.8  | 36.7  | 76.7  |
| 108     | 83.7  | 70.3  | 110.3 |





#63

Azobenzene

Concen: 37.762 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion: 77 Resp: 2383750

Ion Ratio Lower Upper

77 100

182 27.3 3.6 43.6

105 20.2 0.0 39.4

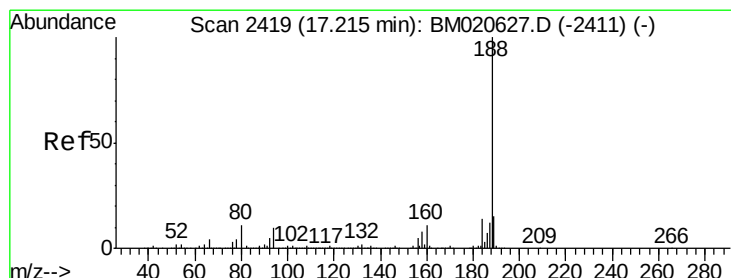
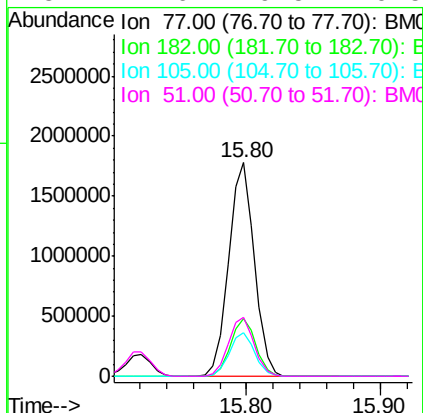
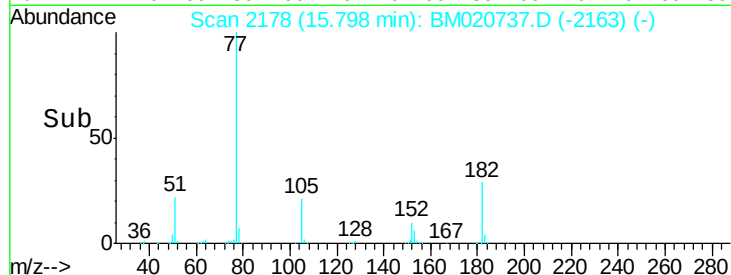
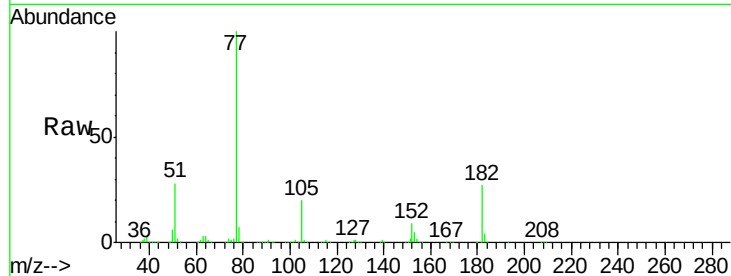
51 27.6 9.5 49.5

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

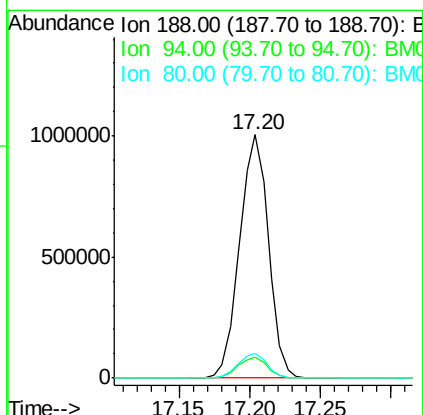
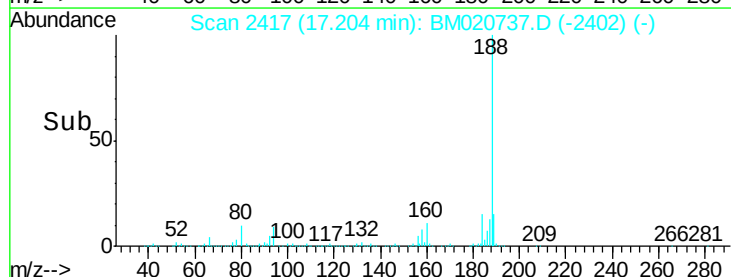
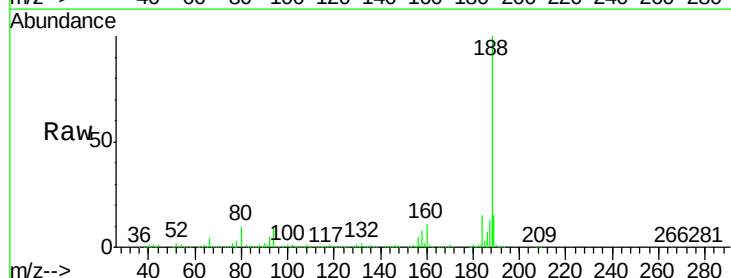
Tgt Ion: 188 Resp: 1434230

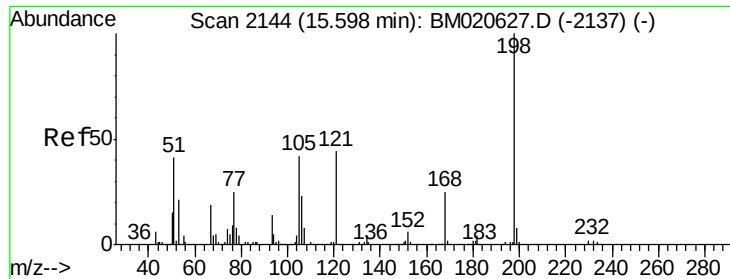
Ion Ratio Lower Upper

188 100

94 8.8 7.8 11.8

80 10.0 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.682 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:198 Resp: 294712

Ion Ratio Lower Upper

198 100

51 41.5 27.7 67.7

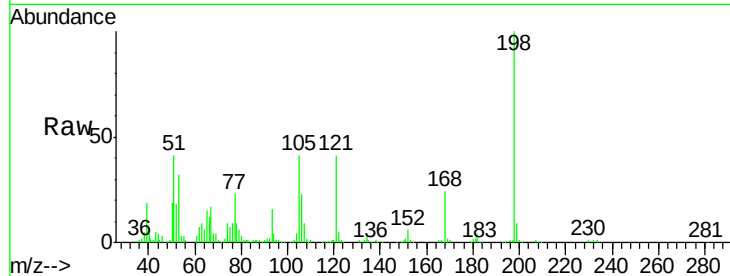
105 41.2 23.8 63.8

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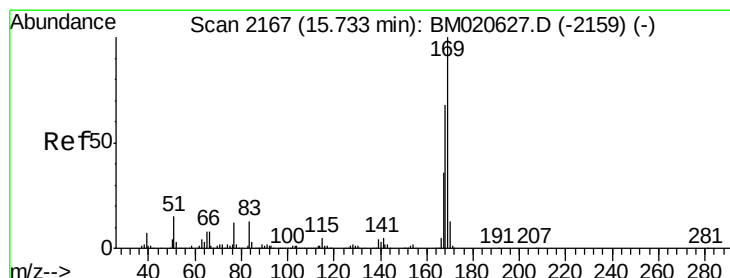
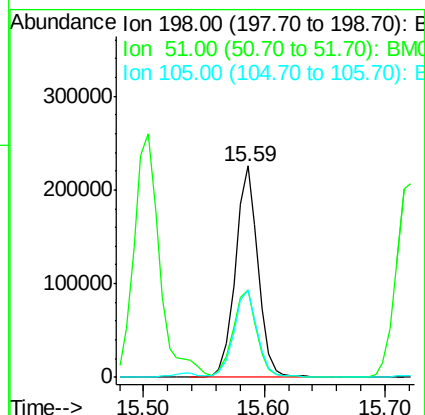
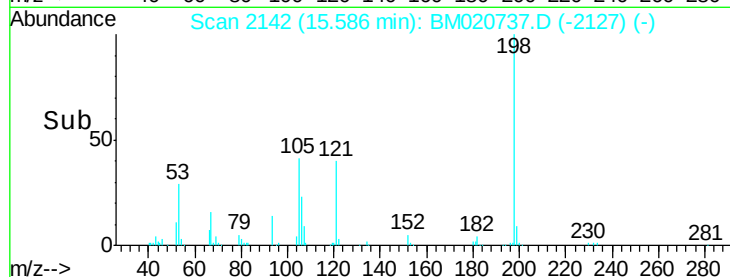
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.327 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

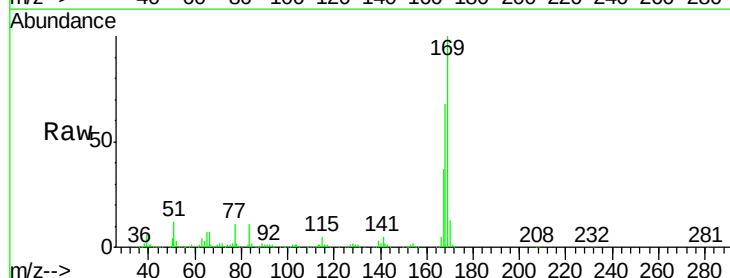
Tgt Ion:169 Resp: 2126990

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

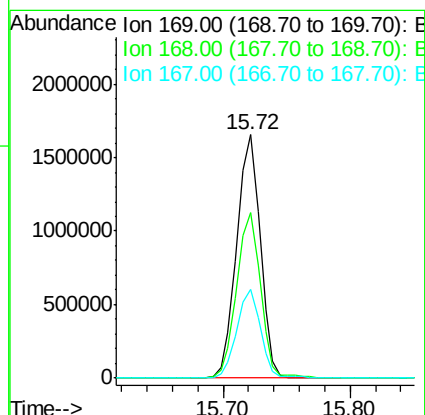
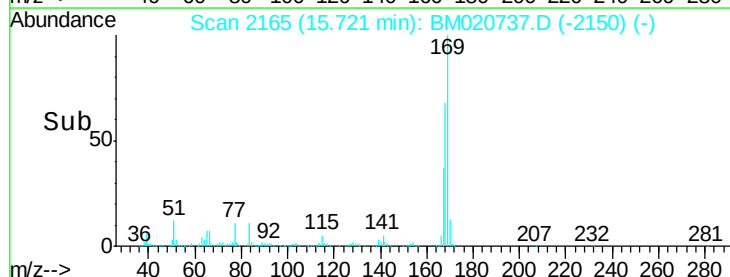
167 36.7 29.1 43.7

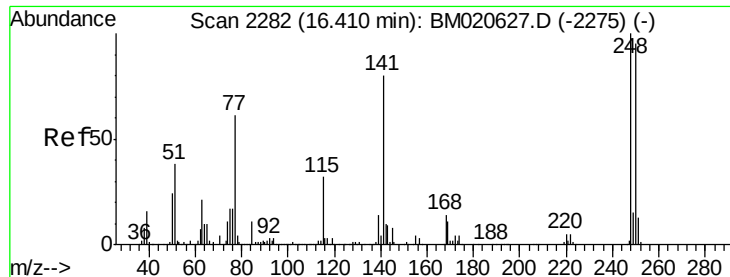


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.808 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

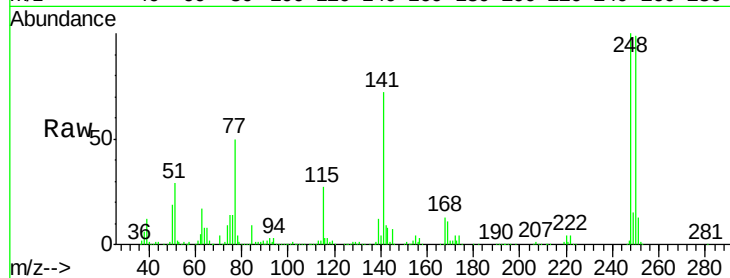
ClientSampleId :

PB120038BSD

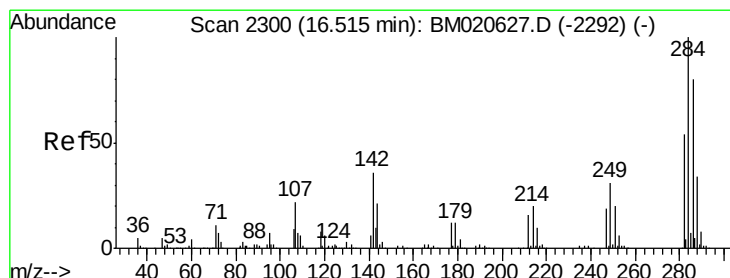
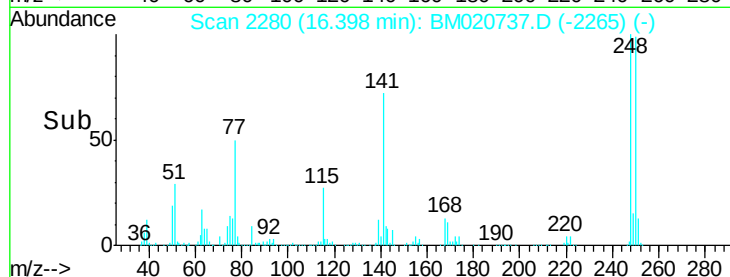
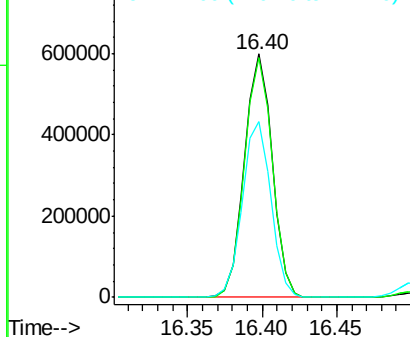
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 773534 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.6  | 76.3  | 114.5  |
| 141       | 72.3  | 64.2  | 96.2   |

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



#68

Hexachlorobenzene

Concen: 44.572 ng

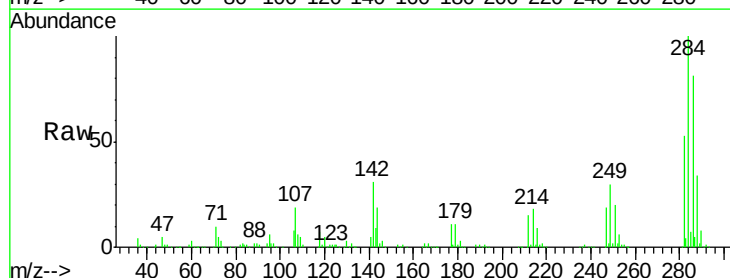
RT: 16.50 min Scan# 2298

Delta R.T. -0.01 min

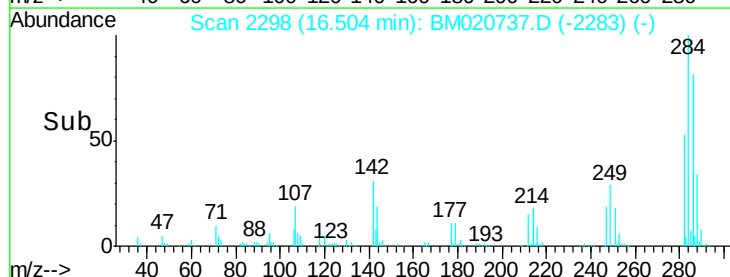
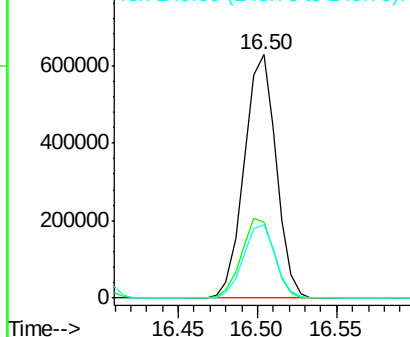
Lab File: BM020737.D

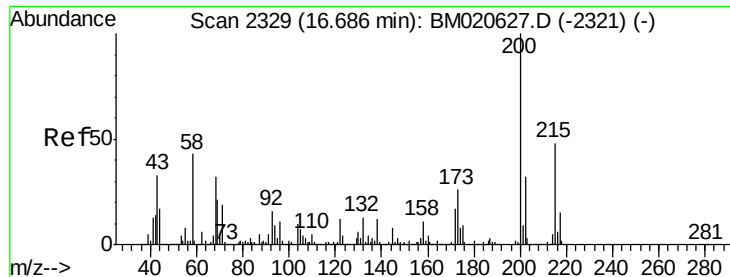
Acq: 05 Jun 2019 15:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 878907 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 31.3  | 28.6  | 42.8   |
| 249       | 30.2  | 25.0  | 37.4   |



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





#69

Atrazine

Concen: 49.254 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

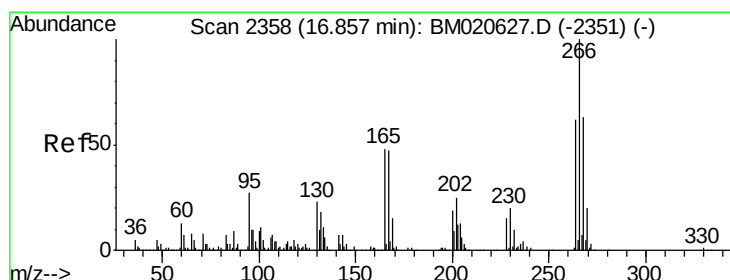
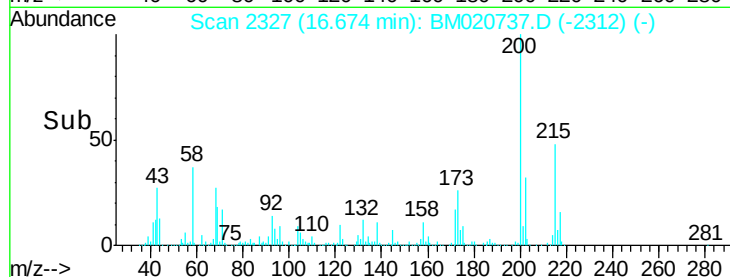
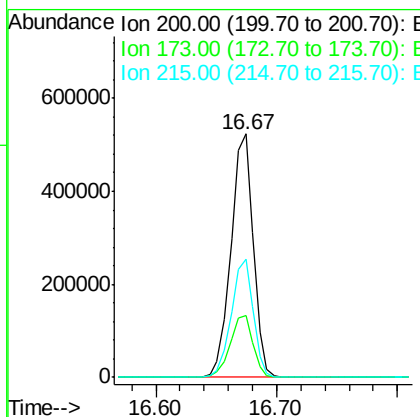
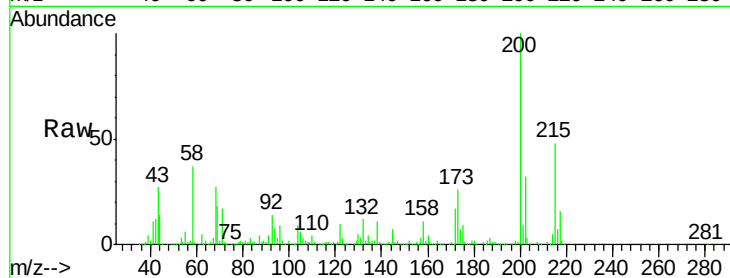
ClientSampleId :

PB120038BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 674924 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 25.7  | 6.2   | 46.2   |
| 215       | 48.3  | 27.7  | 67.7   |

Manual Integrations  
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#70

Pentachlorophenol

Concen: 104.750 ng

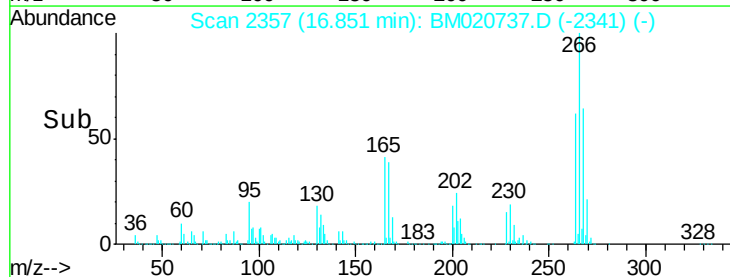
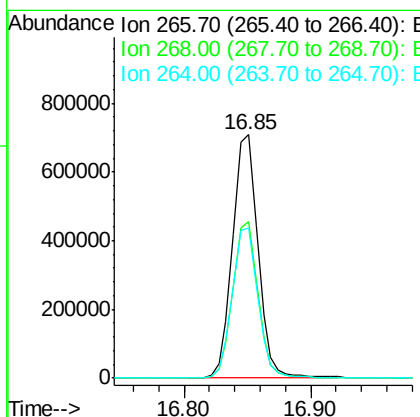
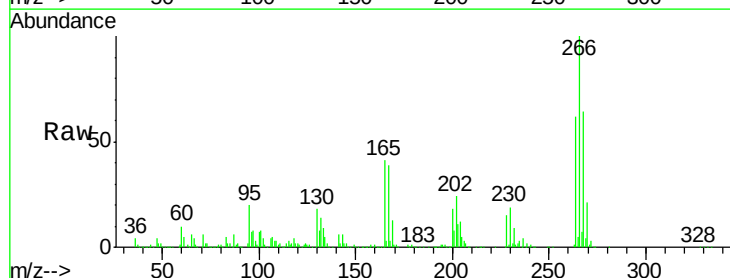
RT: 16.85 min Scan# 2357

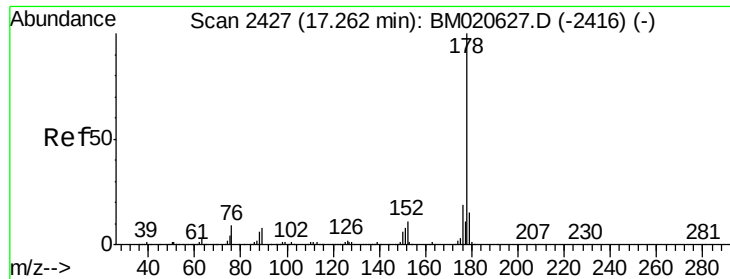
Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 985390 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 64.5  | 50.6  | 75.8   |
| 264       | 61.8  | 49.6  | 74.4   |





#71

Phenanthrene

Concen: 43.135 ng

RT: 17.24 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:178 Resp: 3506759

Ion Ratio Lower Upper

178 100

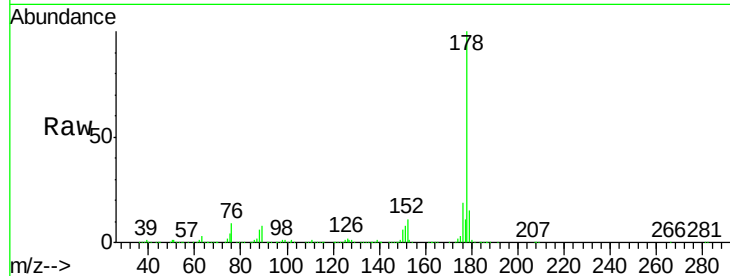
176 18.9 15.5 23.3

179 15.5 12.2 18.4

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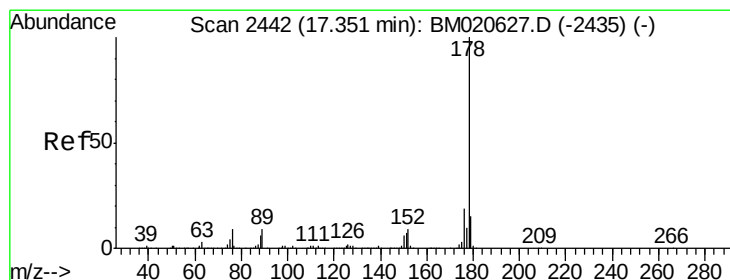
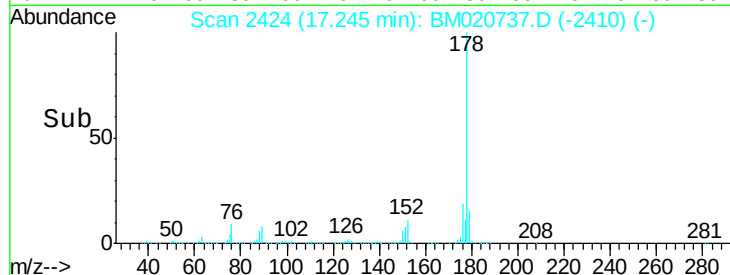
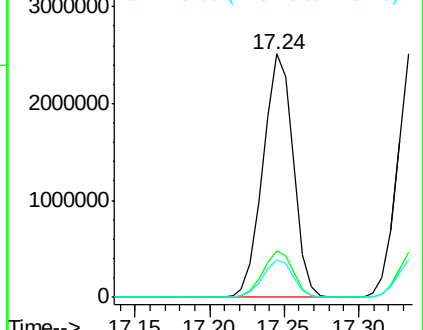
6/6/2019 11:21:43 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.140 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

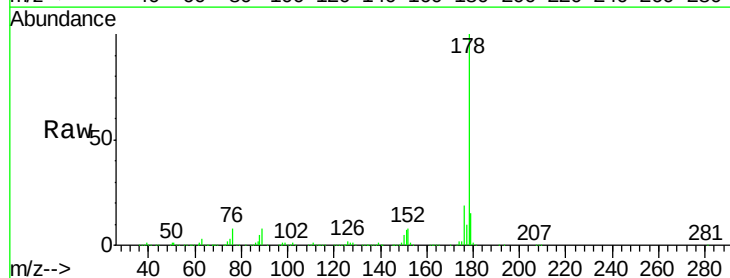
Tgt Ion:178 Resp: 3591595

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

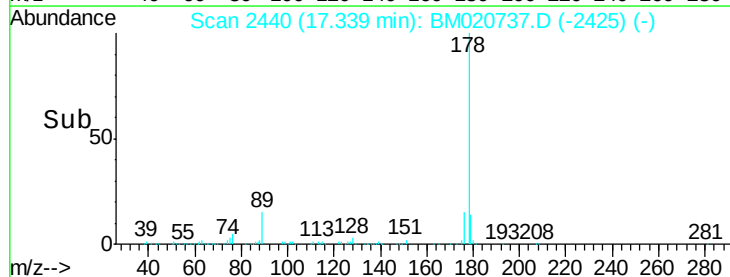
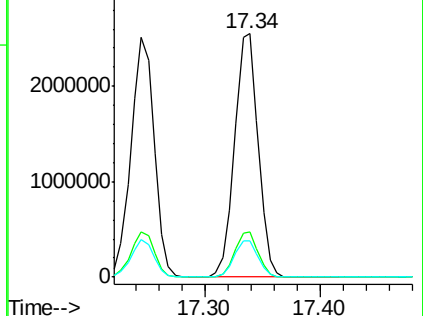
179 15.1 12.3 18.5



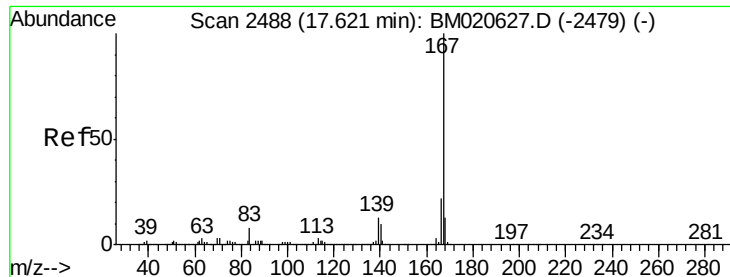
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







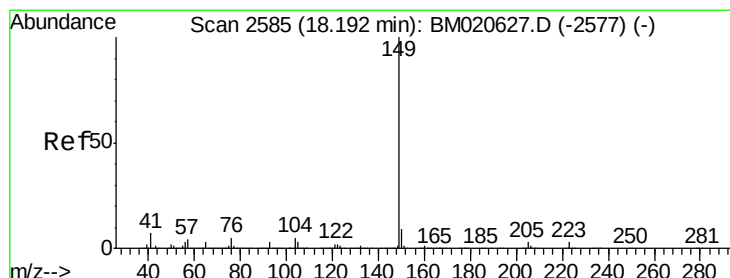
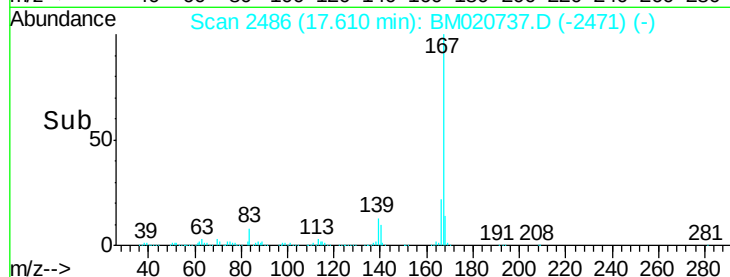
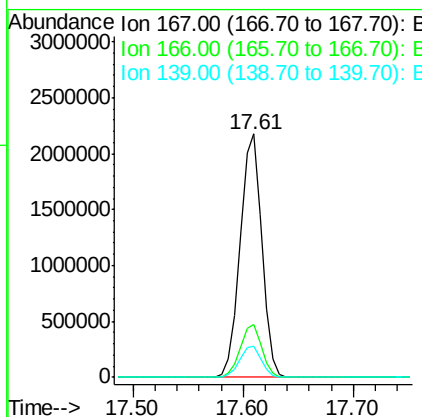
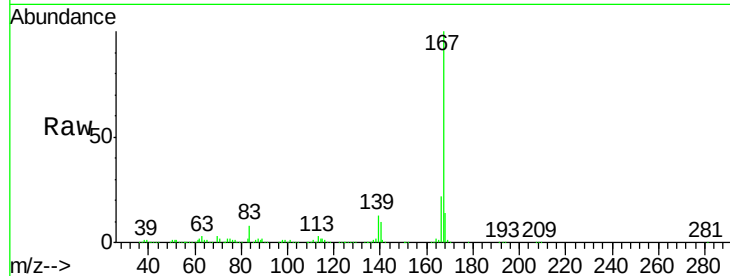
#73  
 Carbazole  
 Concen: 40.787 ng  
 RT: 17.61 min Scan# 2486  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.5  | 26.3  |
| 139     | 12.7  | 10.6  | 15.8  |

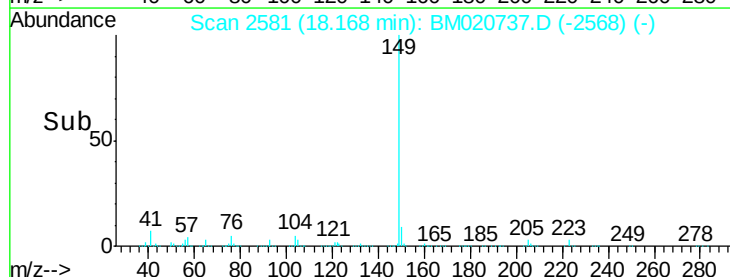
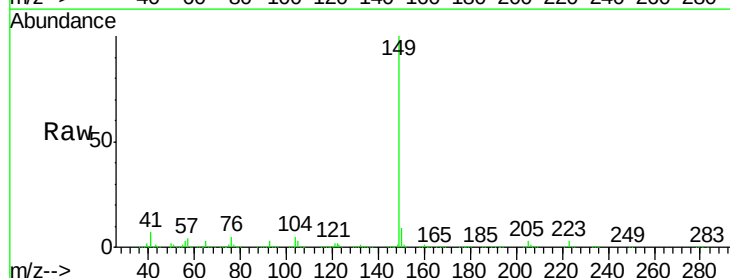
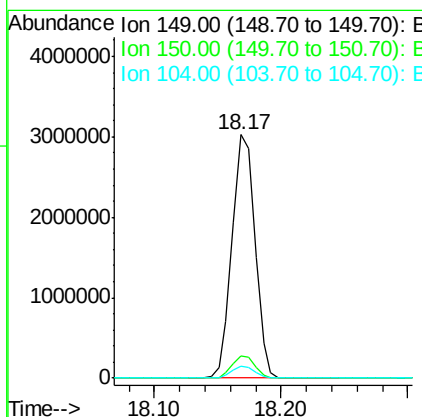
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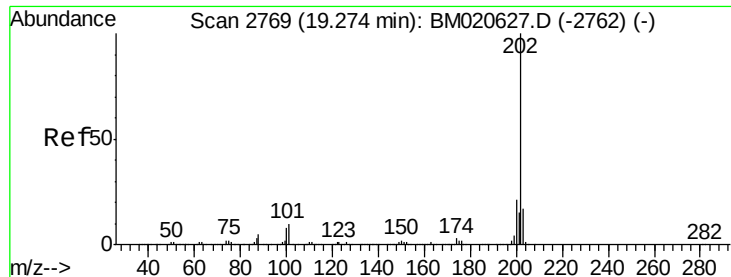
mohammad  
 6/6/2019 11:21:43 AM



#74  
 Di-n-butylphthalate  
 Concen: 39.395 ng  
 RT: 18.17 min Scan# 2581  
 Delta R.T. -0.02 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.2   | 10.8  |
| 104     | 5.1   | 4.2   | 6.2   |





#75

Fluoranthene

Concen: 40.167 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:202 Resp: 3631406

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.4

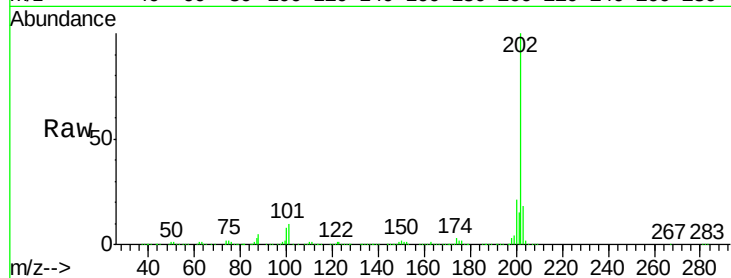
203 17.7 0.0 37.3

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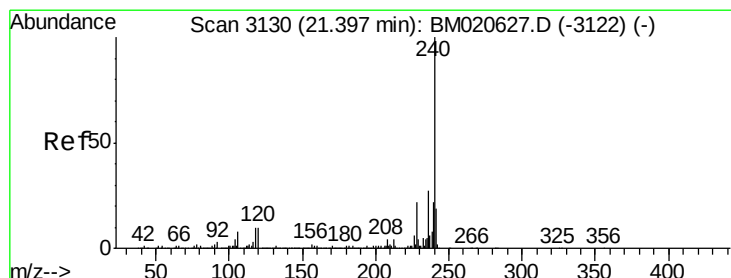
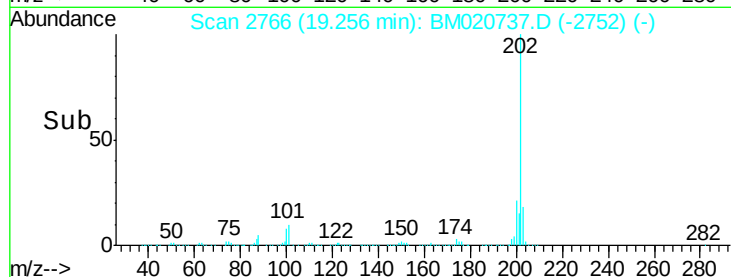
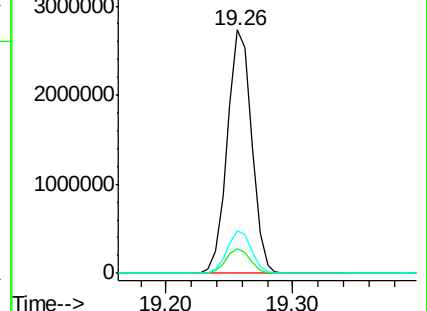
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Tgt Ion:240 Resp: 1096348

Ion Ratio Lower Upper

240 100

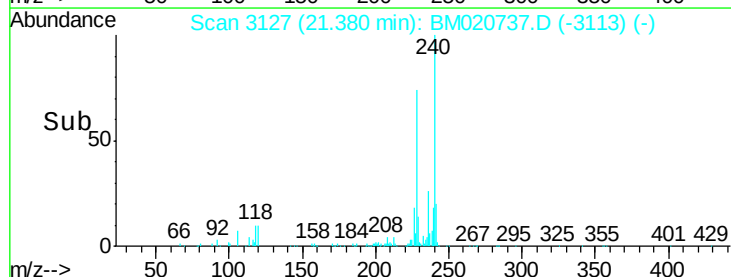
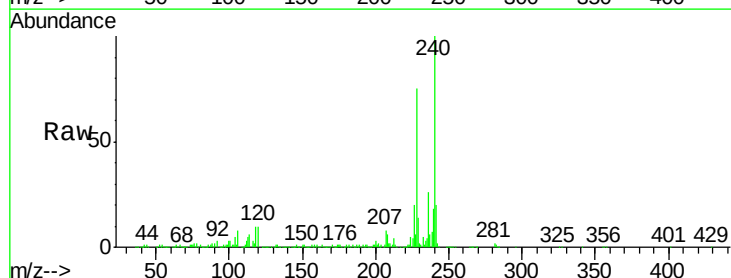
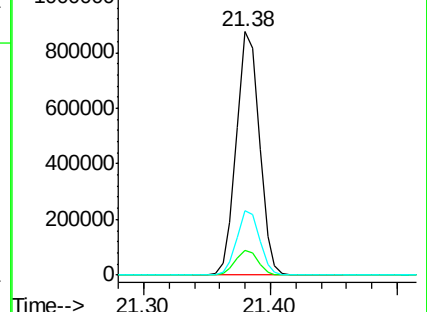
120 10.4 8.2 12.2

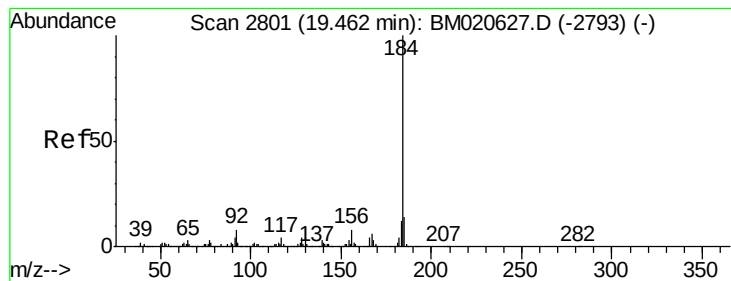
236 26.3 21.2 31.8

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.899 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:184 Resp: 1458349

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

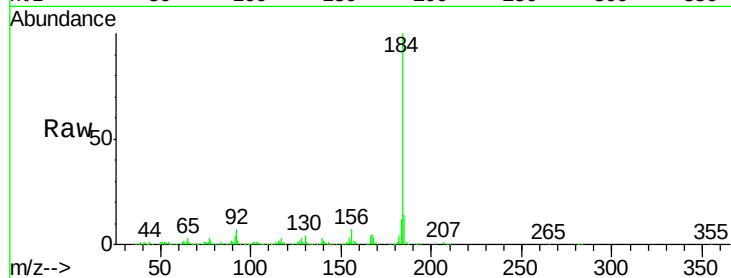
183 12.2 9.8 14.6

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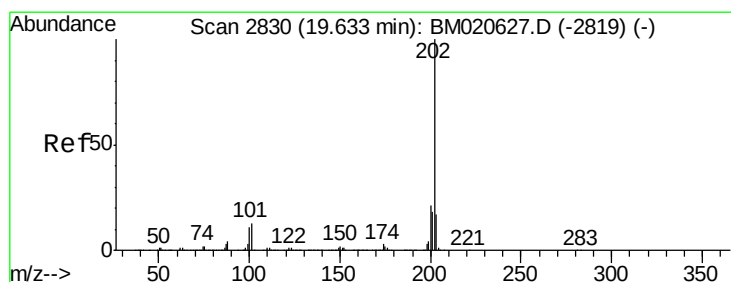
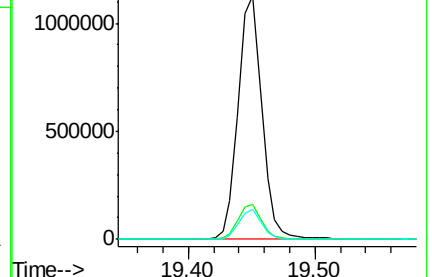
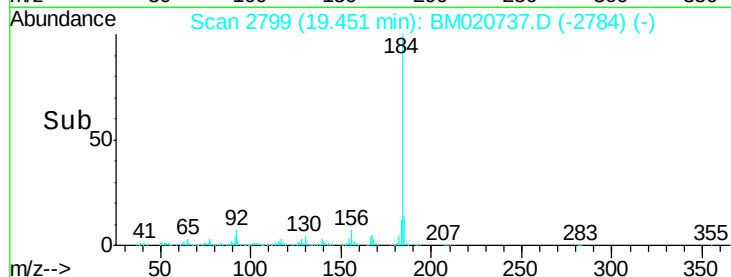
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.018 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

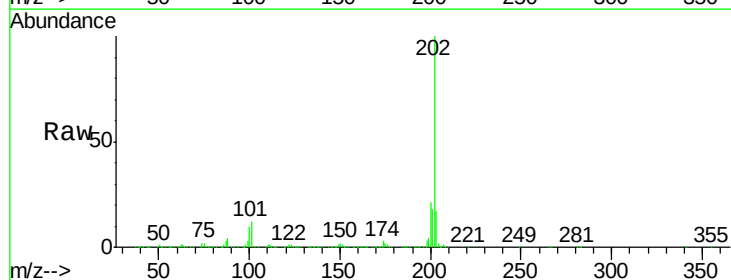
Tgt Ion:202 Resp: 3619176

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

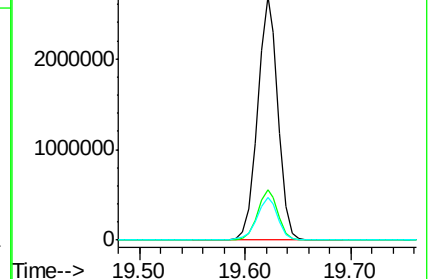
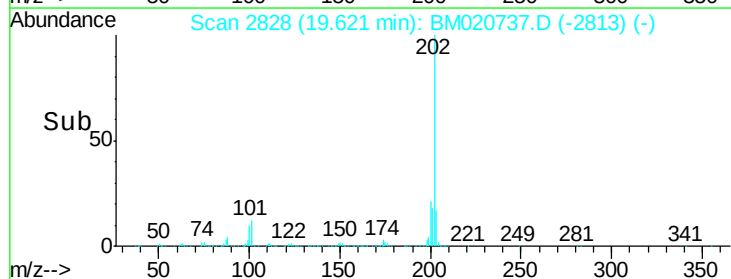
203 17.4 13.9 20.9

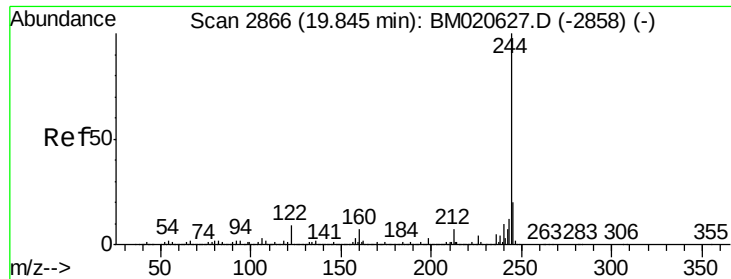


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.656 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:244 Resp: 5483303

Ion Ratio Lower Upper

244 100

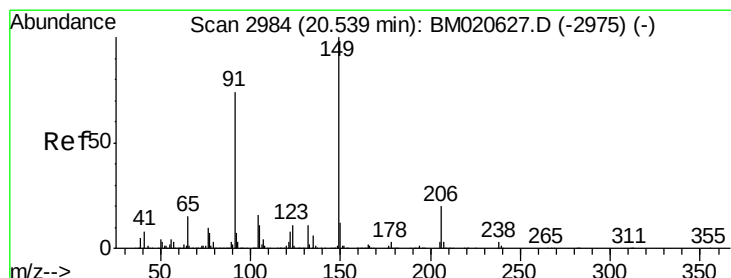
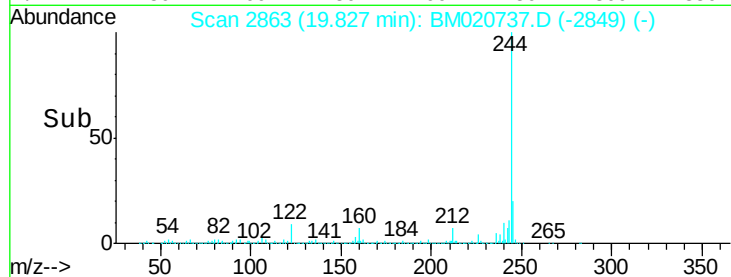
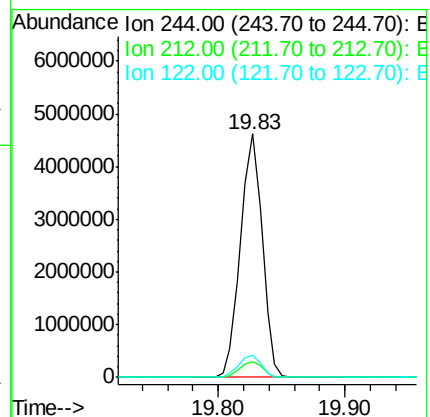
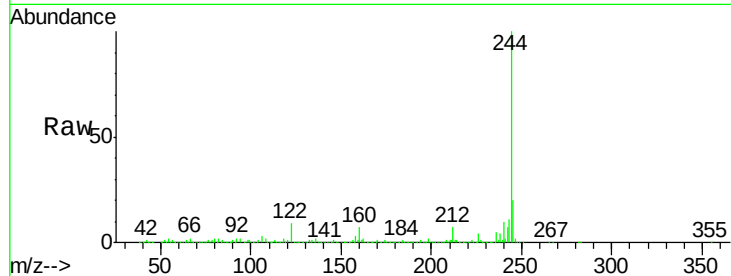
212 6.7 5.7 8.5

122 9.0 7.2 10.8

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#80

Butylbenzylphthalate

Concen: 40.091 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

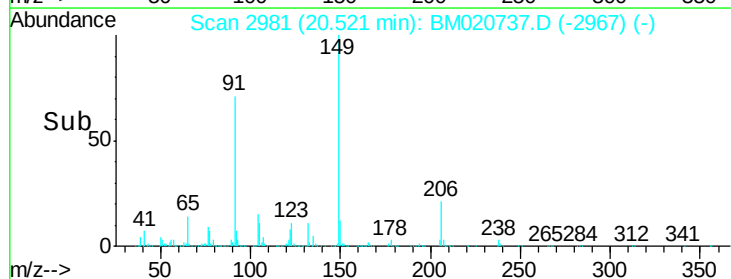
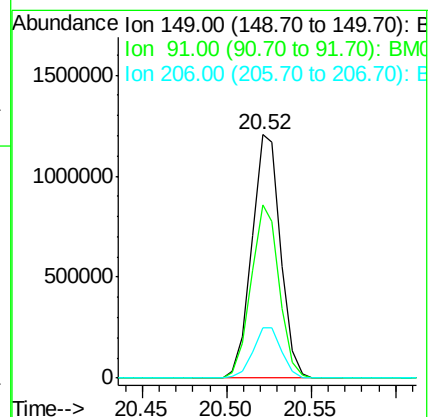
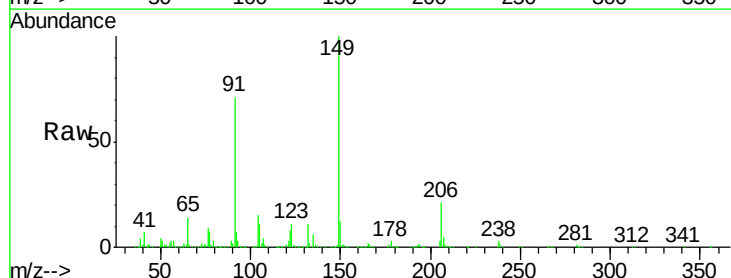
Tgt Ion:149 Resp: 1425420

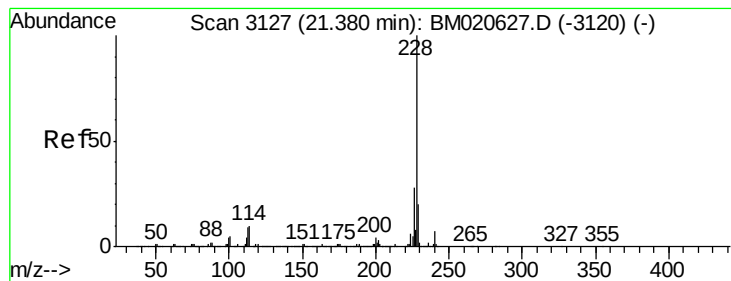
Ion Ratio Lower Upper

149 100

91 70.9 59.6 89.4

206 20.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 42.056 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA\_M

ClientSampleId :

PB120038BSD

Tot Ion:228 Resp: 3210936

Ion Ratio Lower Upper

228 100

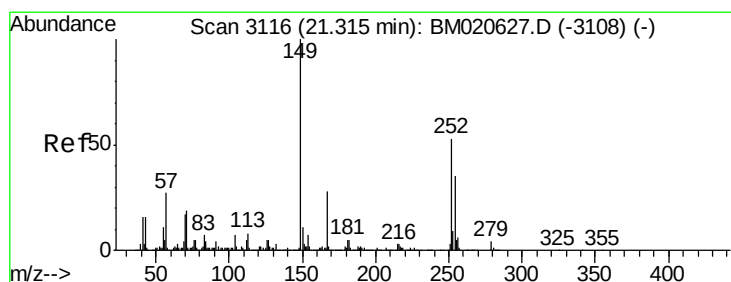
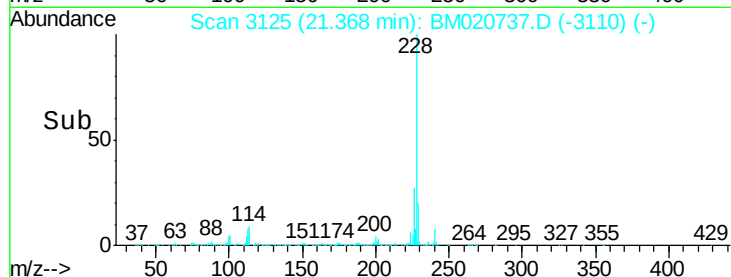
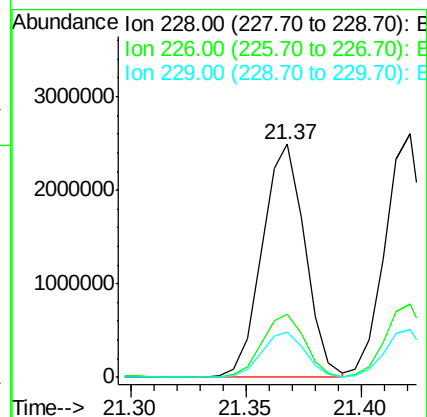
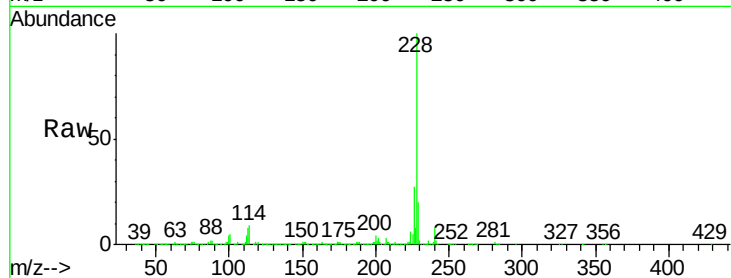
226 27.2 22.3 33.5

229 19.5 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 34.214 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

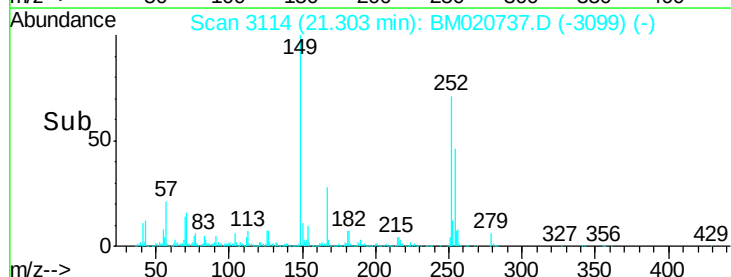
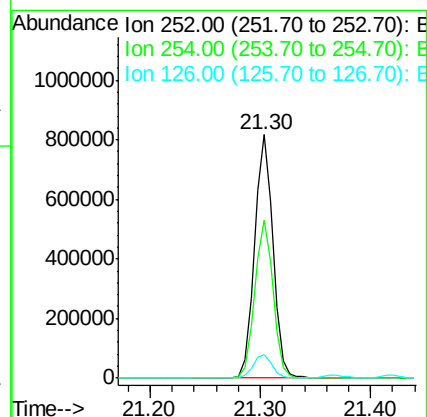
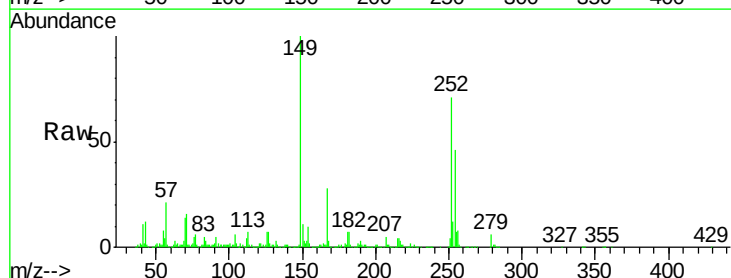
Tgt Ion:252 Resp: 956551

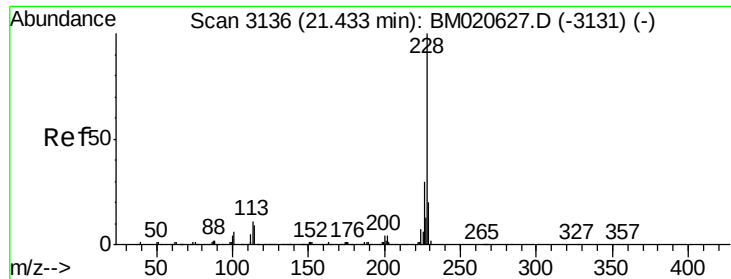
Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

126 9.6 8.0 12.0





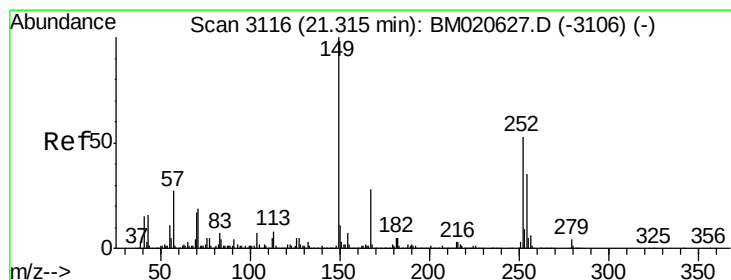
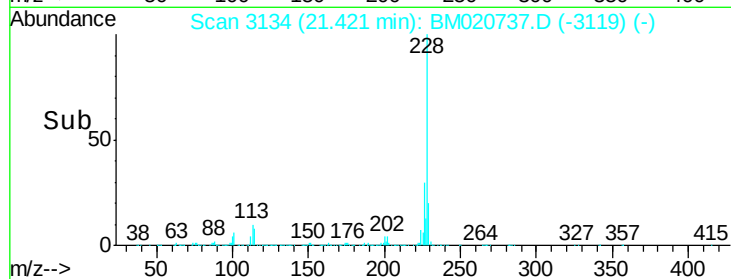
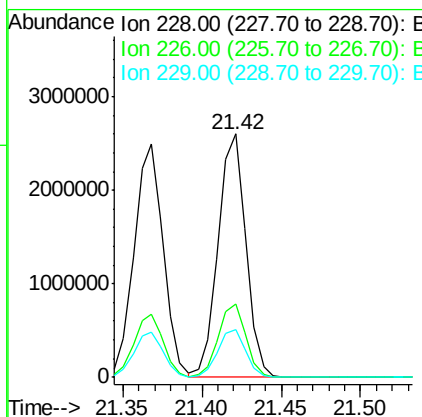
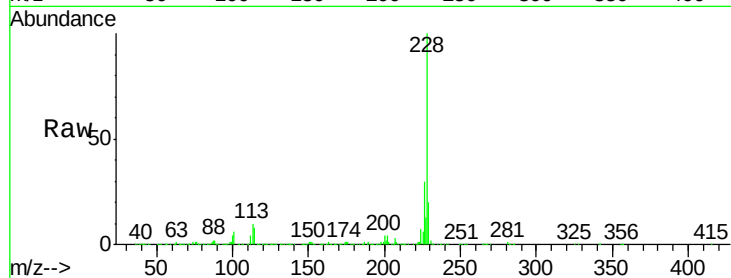
#83  
 Chrysene  
 Concen: 43.542 ng  
 RT: 21.42 min Scan# 3134  
 Delta R.T. -0.01 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120038BSD

Tot Ion: 228 Resp: 3160004  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 24.2 36.2  
 229 19.5 15.8 23.6

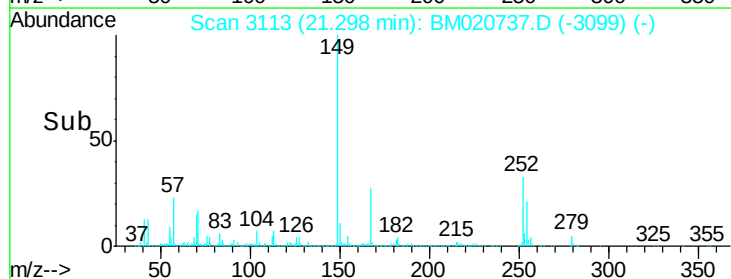
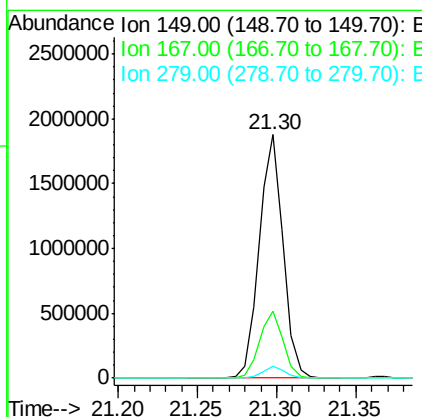
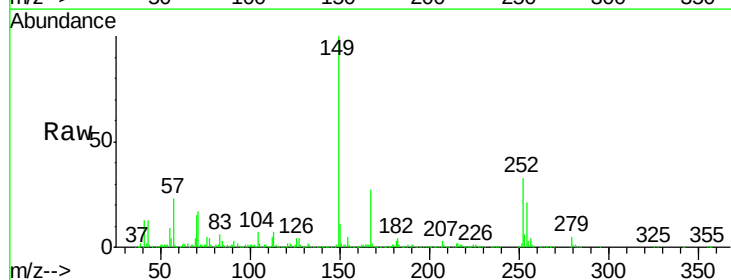
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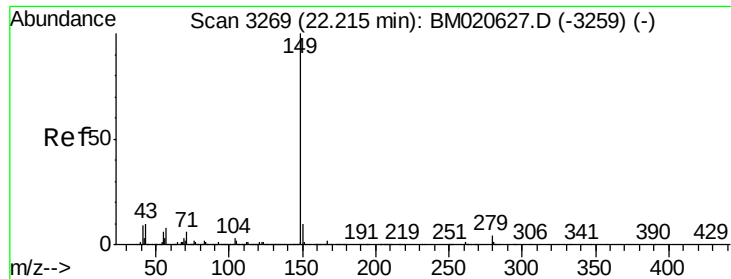
mohammad  
 6/6/2019 11:21:43 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.888 ng  
 RT: 21.30 min Scan# 3113  
 Delta R.T. -0.02 min  
 Lab File: BM020737.D  
 Acq: 05 Jun 2019 15:32

Tgt Ion: 149 Resp: 1957830  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 22.1 33.1  
 279 4.9 3.4 5.0





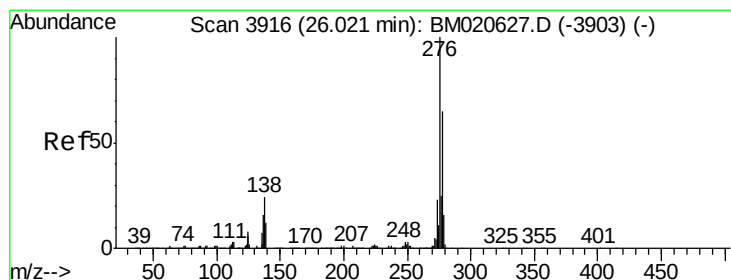
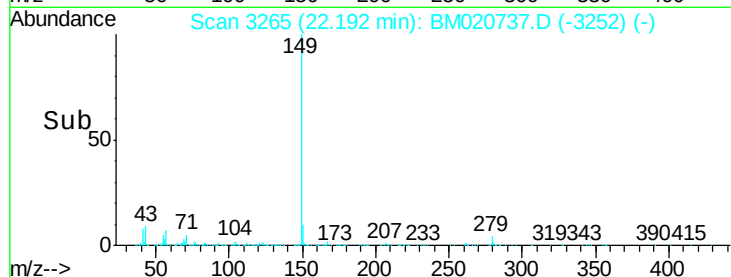
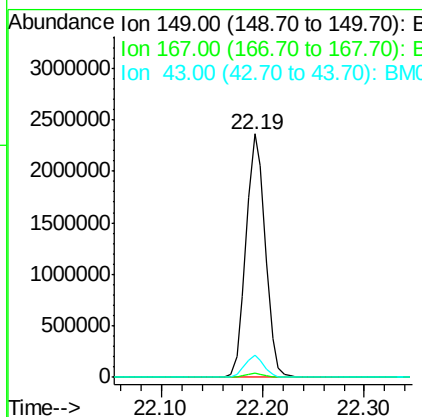
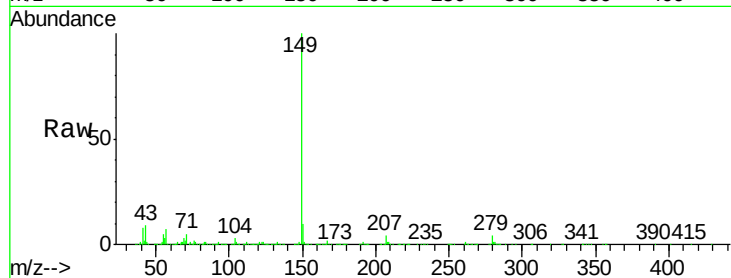
#85  
Di-n-octyl phthalate  
Concen: 38.047 ng  
RT: 22.19 min Scan# 3265  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 8.8   | 8.2   | 12.4  |

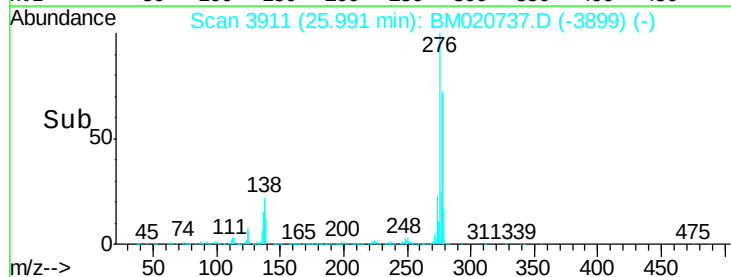
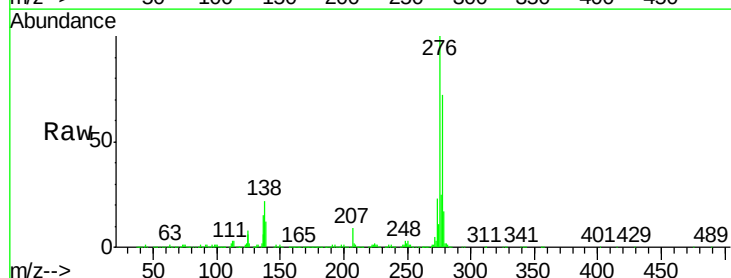
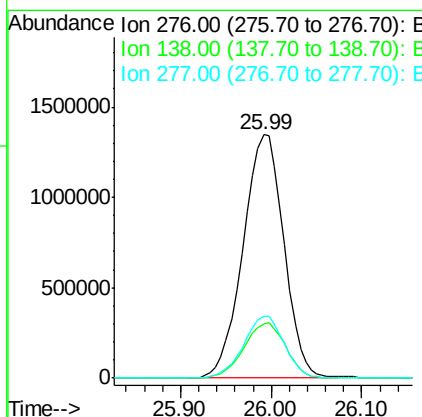
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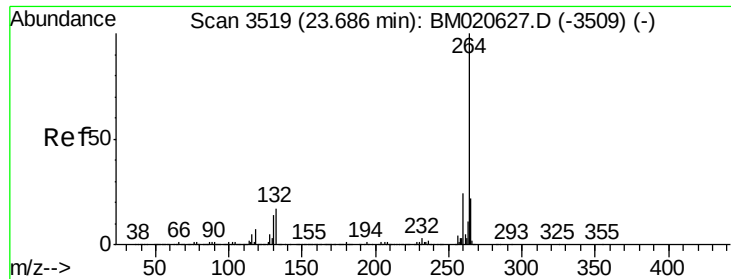
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 56.705 ng  
RT: 25.99 min Scan# 3911  
Delta R.T. -0.03 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.1  | 19.8  | 29.8  |
| 277     | 25.3  | 20.2  | 30.4  |





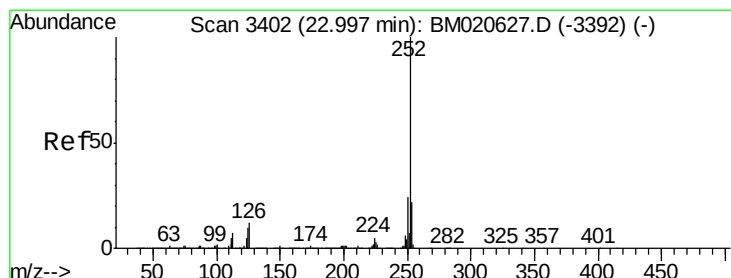
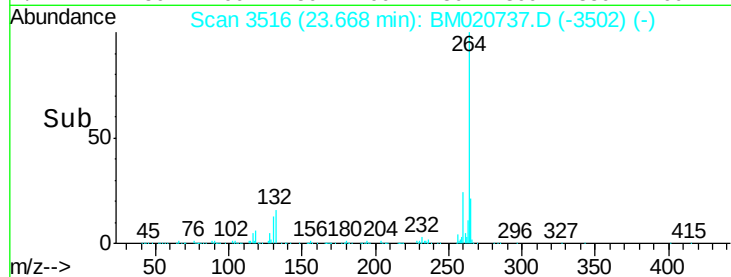
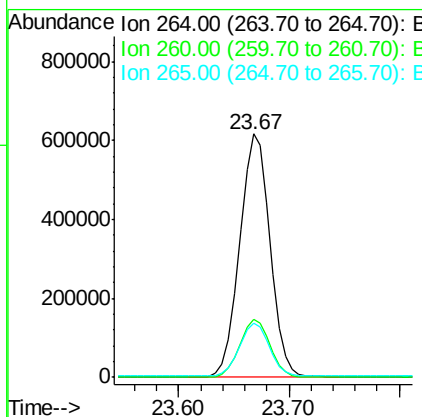
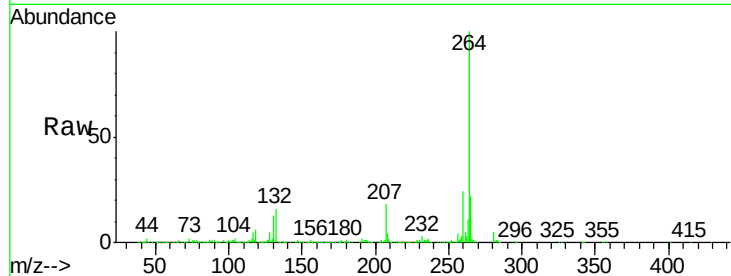
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.67 min Scan# 3516  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 22.0  | 17.6  | 26.4  |

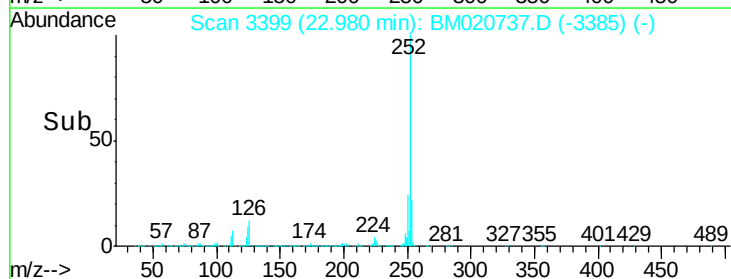
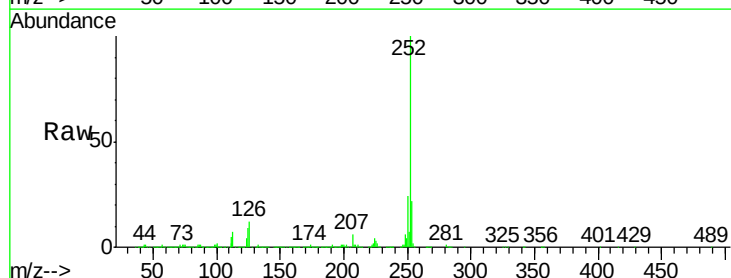
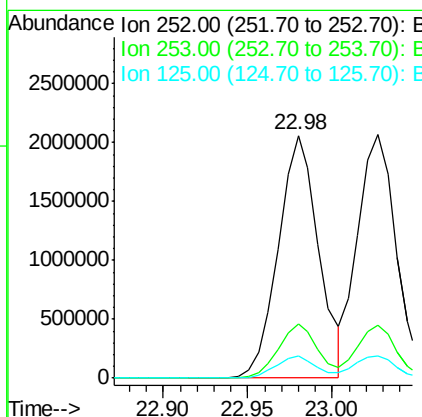
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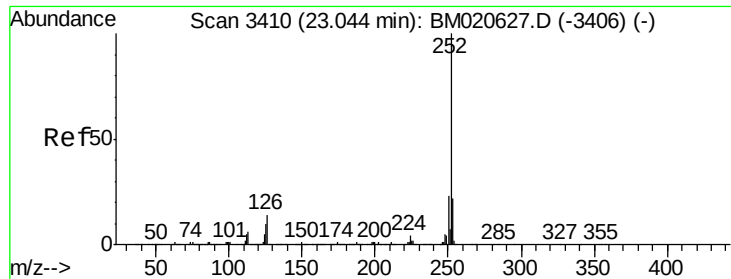


#88  
Benzo(b)fluoranthene  
Concen: 43.272 ng  
RT: 22.98 min Scan# 3399  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.2  |
| 125     | 9.2   | 7.8   | 11.8  |







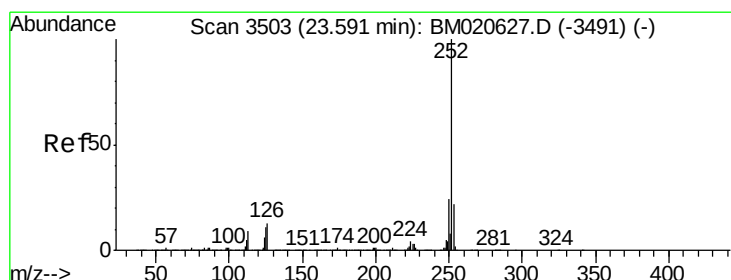
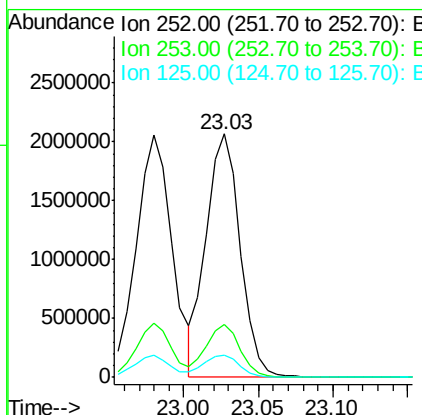
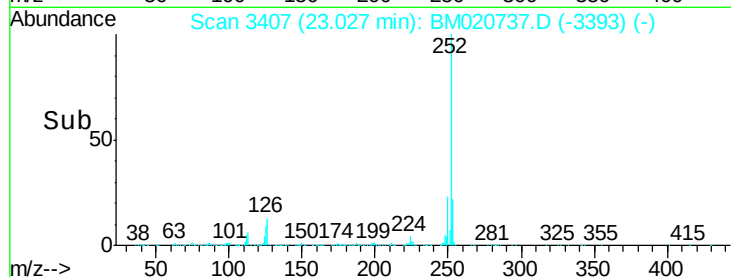
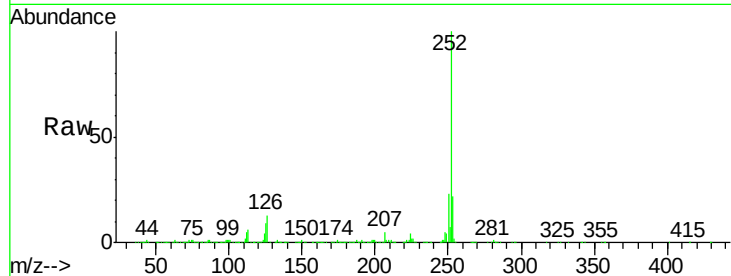
#89  
Benzo(k)fluoranthene  
Concen: 42.392 ng  
RT: 23.03 min Scan# 3407  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

Tot Ion:252 Resp: 3275963  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 9.0 7.8 11.8

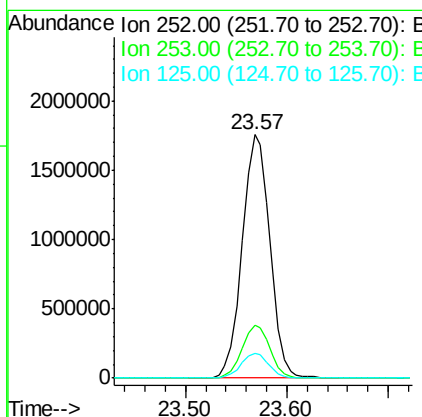
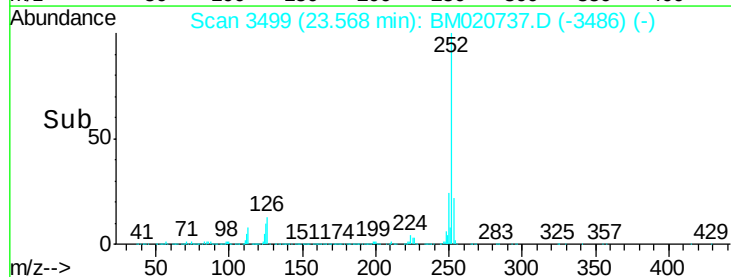
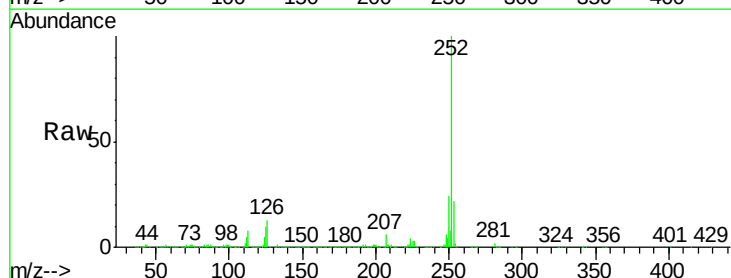
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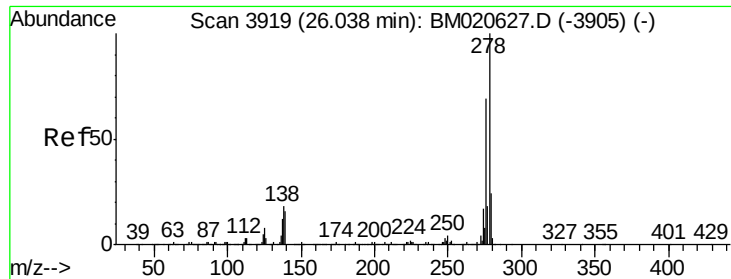
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#90  
Benzo(a)pyrene  
Concen: 46.307 ng  
RT: 23.57 min Scan# 3499  
Delta R.T. -0.02 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Tgt Ion:252 Resp: 3321394  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 10.1 8.6 13.0





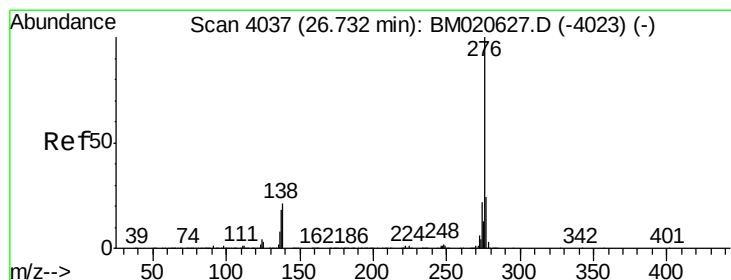
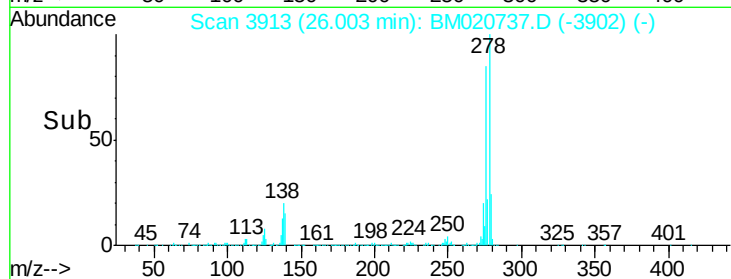
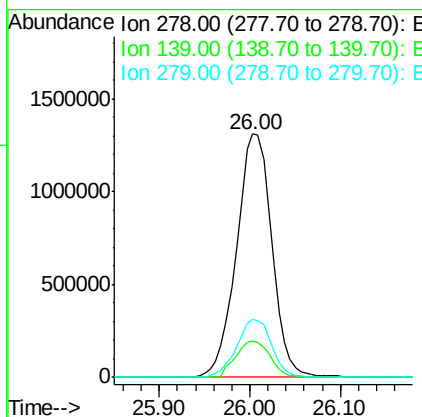
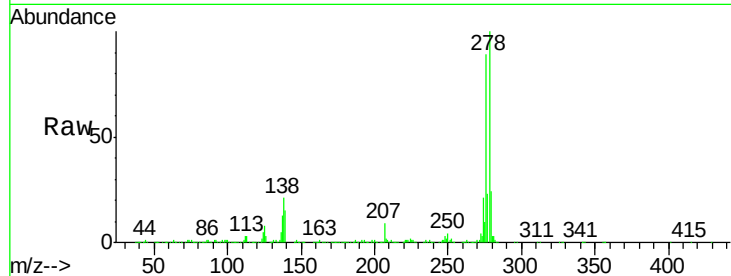
#91  
Dibenzo(a,h)anthracene  
Concen: 50.905 ng  
RT: 26.00 min Scan# 3913  
Delta R.T. -0.04 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB120038BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.7  | 12.6  | 18.8  |
| 279     | 24.0  | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 53.175 ng  
RT: 26.70 min Scan# 4032  
Delta R.T. -0.03 min  
Lab File: BM020737.D  
Acq: 05 Jun 2019 15:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 19.2  | 28.8  |
| 138     | 19.9  | 17.0  | 25.4  |

