

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\  
 Data File : BM020751.D  
 Acq On : 06 Jun 2019 00:03  
 Operator : HP/JU  
 Sample : K3174-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

Manual Integrations  
 APPROVED

mohammad  
 6/6/2019 11:22:13 AM

Quant Time: Jun 06 03:59:08 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  | 338057   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.62 | 136  | 1352338  | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.46 | 164  | 707675   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.20 | 188  | 1386468  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.38 | 240  | 1223380  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.66 | 264  | 1491120  | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.41  | 112 | 2894702 | 150.62 | ng | 0.00  |
| 7) Phenol-d6                | 6.99  | 99  | 3906328 | 138.04 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.99  | 82  | 2364320 | 90.58  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 15.95 | 330 | 1289816 | 147.10 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.08 | 172 | 4329592 | 81.34  | ng | -0.01 |
| 79) Terphenyl-d14           | 19.83 | 244 | 5212933 | 71.27  | ng | -0.02 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.35  | 88  | 306498  | 38.954 ng | 95     |
| 3) Pyridine                    | 3.74  | 79  | 689098  | 27.527 ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.66  | 42  | 431063  | 39.944 ng | 94     |
| 6) Aniline                     | 7.16  | 93  | 614206  | 15.001 ng | 99     |
| 8) 2-Chlorophenol              | 7.39  | 128 | 1089852 | 45.585 ng | 98     |
| 9) Benzaldehyde                | 6.97  | 77  | 360523  | 18.368 ng | 97     |
| 10) Phenol                     | 7.02  | 94  | 1363651 | 44.717 ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.26  | 93  | 997209  | 41.032 ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.71  | 146 | 1128578 | 41.073 ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 1159197 | 41.499 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.17  | 146 | 1118189 | 41.134 ng | 99     |
| 15) Benzyl Alcohol             | 8.06  | 79  | 969292  | 38.719 ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 1323661 | 35.277 ng | 99     |
| 17) 2-Methylphenol             | 8.26  | 107 | 891512  | 41.574 ng | 98     |
| 18) Hexachloroethane           | 8.89  | 117 | 416804  | 38.973 ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70  | 815331  | 35.844 ng | 96     |
| 20) 3+4-Methylphenols          | 8.59  | 107 | 1174948 | 40.272 ng | 97     |
| 22) Acetophenone               | 8.65  | 105 | 1534578 | 44.669 ng | 97     |
| 24) Nitrobenzene               | 9.03  | 77  | 1192101 | 44.739 ng | 97     |
| 25) Isophorone                 | 9.55  | 82  | 2113401 | 40.705 ng | 99     |
| 26) 2-Nitrophenol              | 9.73  | 139 | 530895  | 53.460 ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.79  | 122 | 936467  | 50.325 ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93  | 1296109 | 41.287 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 981884  | 47.692 ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.47 | 180 | 1092899 | 46.166 ng | 99     |
| 31) Naphthalene                | 10.66 | 128 | 3128953 | 44.994 ng | 99     |
| 32) Benzoic acid               | 9.92  | 122 | 405535m | 36.054 ng |        |
| 33) 4-Chloroaniline            | 10.77 | 127 | 150401  | 4.647 ng  | 97     |
| 34) Hexachlorobutadiene        | 10.94 | 225 | 628904  | 44.276 ng | 99     |
| 35) Caprolactam                | 11.57 | 113 | 270093m | 37.763 ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.90 | 107 | 999697  | 41.764 ng | 99     |
| 37) 2-Methylnaphthalene        | 12.27 | 142 | 2240006 | 43.456 ng | 99     |
| 38) 1-Methylnaphthalene        | 12.50 | 142 | 2109269 | 42.975 ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.64 | 216 | 1164109 | 50.196 ng | 100    |

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 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  | 1336210  | 96.338  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.89 | 196  | 749124   | 50.183  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.95 | 196  | 786901   | 51.060  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.29 | 154  | 2763124  | 46.751  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.33 | 162  | 2164880  | 45.384  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.54 | 65   | 603463   | 40.307  | nq    | 94       |
| 49) Acenaphthylene             | 14.18 | 152  | 3352078  | 45.038  | nq    | 100      |
| 50) Dimethylphthalate          | 13.92 | 163  | 3287712  | 54.378  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.04 | 165  | 552411   | 44.998  | nq    | 92       |
| 52) Acenaphthene               | 14.52 | 154  | 1952636  | 44.023  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.37 | 138  | 193210   | 14.100  | nq    | 93       |
| 54) 2,4-Dinitrophenol          | 14.57 | 184  | 446859   | 84.192  | nq    | 93       |
| 55) Dibenzofuran               | 14.86 | 168  | 3024805  | 43.909  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.67 | 139  | 887510   | 87.894  | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 14.83 | 165  | 728822   | 44.339  | nq    | 92       |
| 58) Fluorene                   | 15.51 | 166  | 2395957  | 42.293  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.08 | 232  | 660359   | 49.174  | nq    | 96       |
| 60) Diethylphthalate           | 15.29 | 149  | 2450262  | 39.295  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204  | 1259732  | 41.998  | nq    | 95       |
| 62) 4-Nitroaniline             | 15.53 | 138  | 525988   | 36.194  | nq    | 94       |
| 63) Azobenzene                 | 15.80 | 77   | 2263005  | 37.855  | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.59 | 198  | 287366   | 46.002  | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.72 | 169  | 2063540  | 46.493  | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.40 | 248  | 737294   | 45.166  | nq    | 94       |
| 68) Hexachlorobenzene          | 16.50 | 284  | 853231   | 44.761  | nq    | 95       |
| 69) Atrazine                   | 16.67 | 200  | 647769   | 48.901  | nq    | 99       |
| 70) Pentachlorophenol          | 16.85 | 266  | 987310   | 108.570 | nq    | 99       |
| 71) Phenanthrene               | 17.24 | 178  | 3417669  | 43.488  | nq    | 99       |
| 72) Anthracene                 | 17.34 | 178  | 3489046  | 44.357  | nq    | 99       |
| 73) Carbazole                  | 17.61 | 167  | 3091352  | 43.309  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.17 | 149  | 3565350  | 38.478  | nq    | 100      |
| 75) Fluoranthene               | 19.26 | 202  | 3651642  | 41.782  | nq    | 100      |
| 77) Benzidine                  | 19.44 | 184  | 783758   | 21.143  | nq    | 99       |
| 78) Pyrene                     | 19.62 | 202  | 3746119  | 39.903  | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.52 | 149  | 1455927  | 36.697  | nq    | 93       |
| 81) Benzo(a)anthracene         | 21.36 | 228  | 3580040  | 42.022  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.30 | 252  | 696746   | 22.333  | nq    | 98       |
| 83) Chrysene                   | 21.42 | 228  | 3533697  | 43.635  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 2024448  | 35.109  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.19 | 149  | 3426470  | 37.429  | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.99 | 276  | 5138913  | 62.027  | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 22.98 | 252  | 4006485  | 40.652  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.02 | 252  | 3970053  | 41.221  | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.57 | 252  | 4018764  | 44.956  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.00 | 278  | 4325364  | 49.873  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.70 | 276  | 4216059  | 52.337  | nq    | 99       |

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

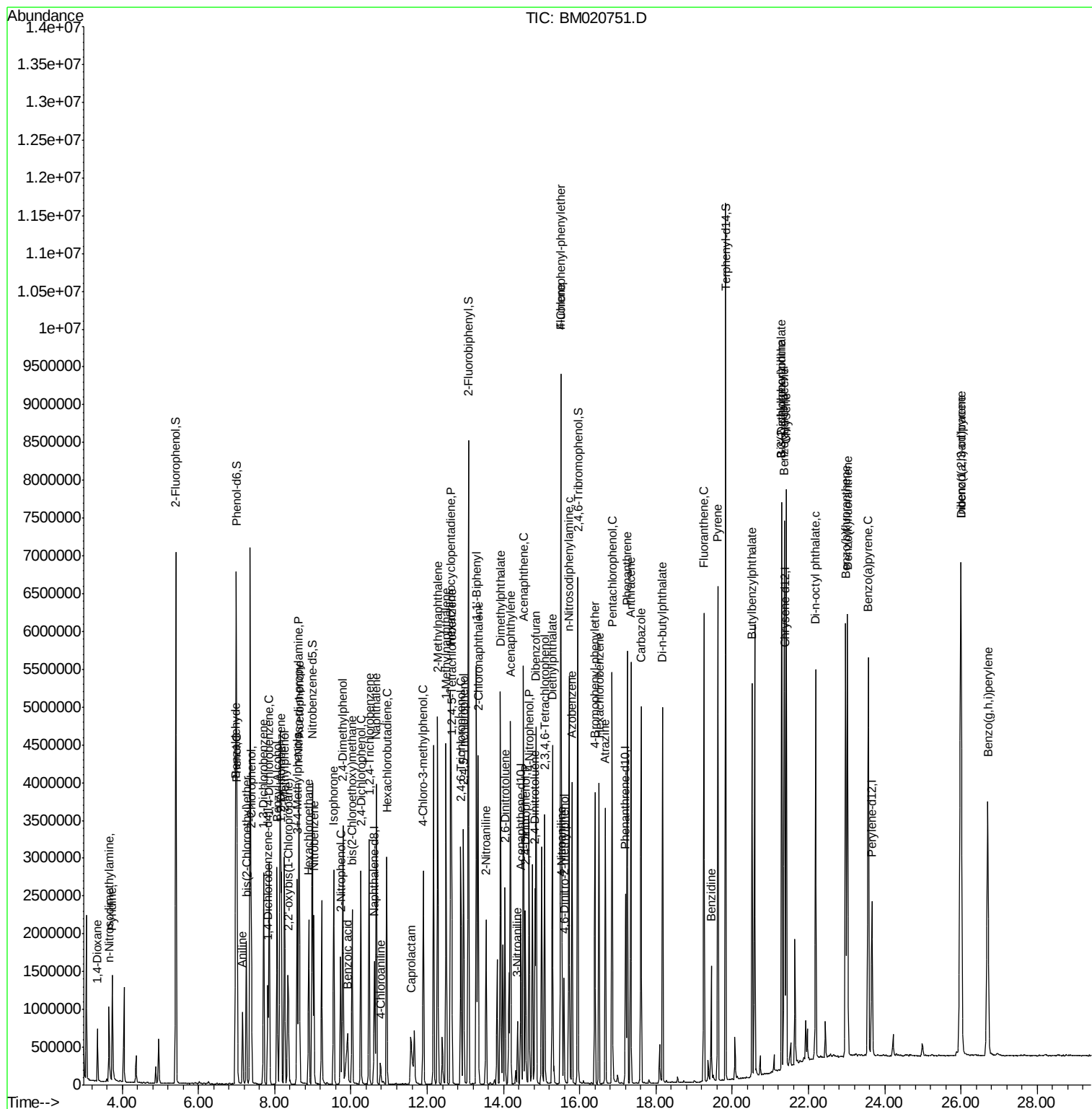
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\  
 Data File : BM020751.D  
 Acq On : 06 Jun 2019 00:03  
 Operator : HP/JU  
 Sample : K3174-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

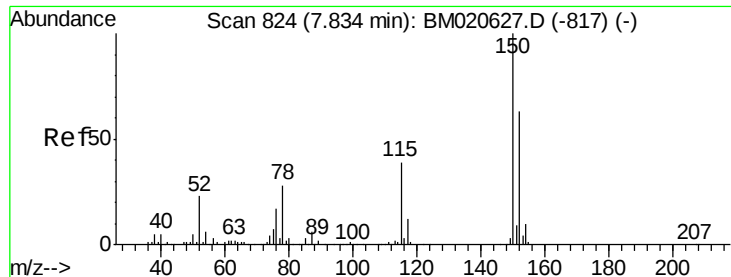
Instrument :  
 BNA\_M  
 ClientSampleId :  
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#1

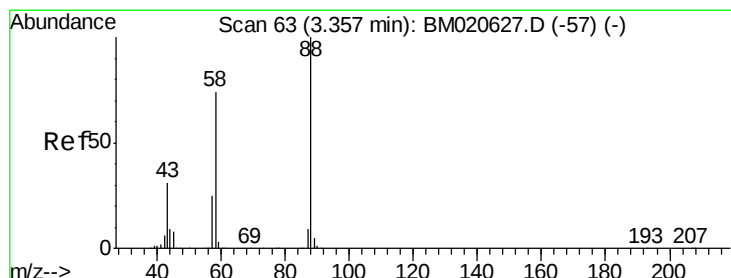
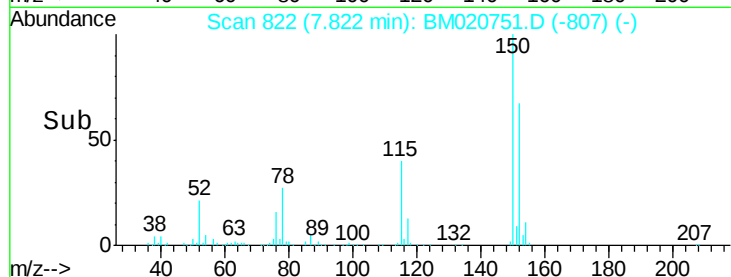
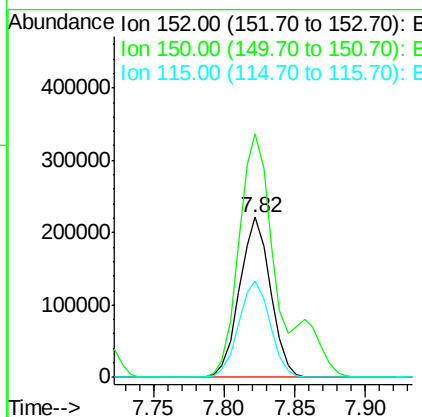
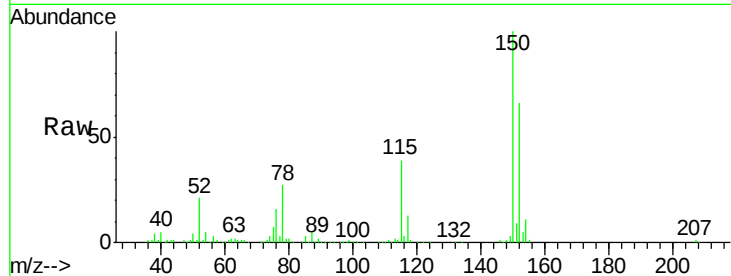
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.82 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.2 | 126.0 | 189.0 |
| 115     | 60.1  | 49.6  | 74.4  |

Manual Integrations  
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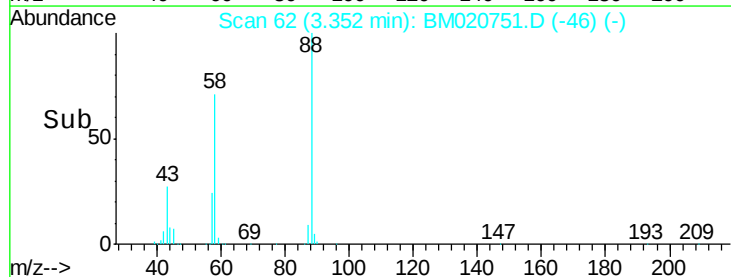
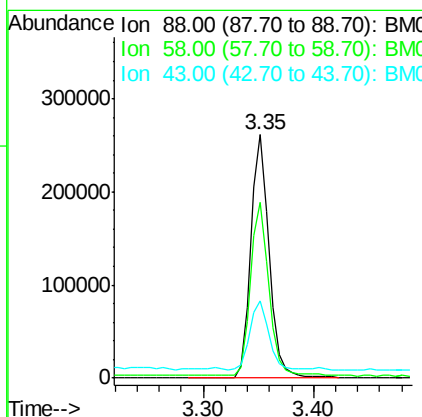
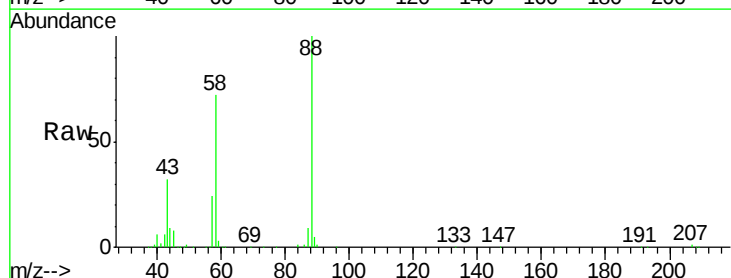
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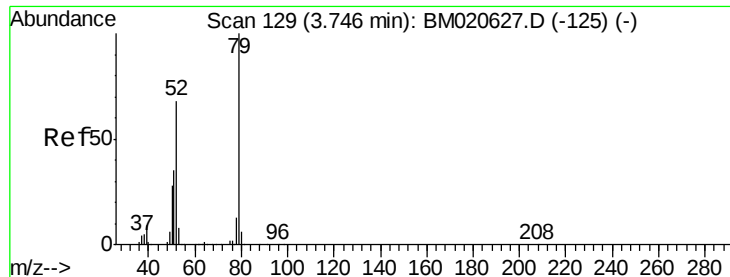


#2

1,4-Dioxane  
Concen: 38.954 ng  
RT: 3.35 min Scan# 62  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.1  | 60.2  | 90.4  |
| 43      | 28.1  | 25.3  | 37.9  |





#3

Pvridine

Concen: 27.527 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

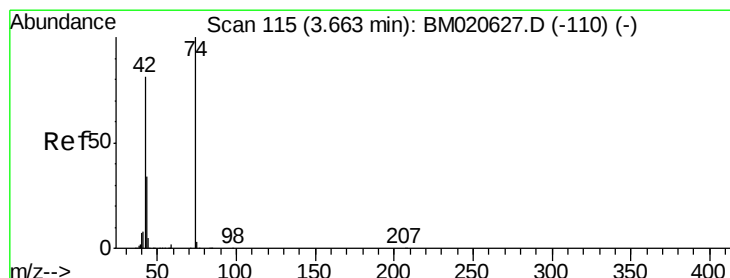
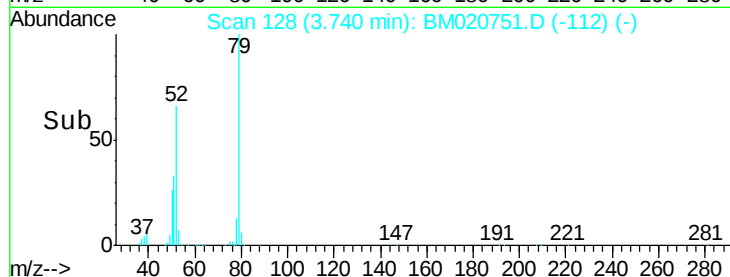
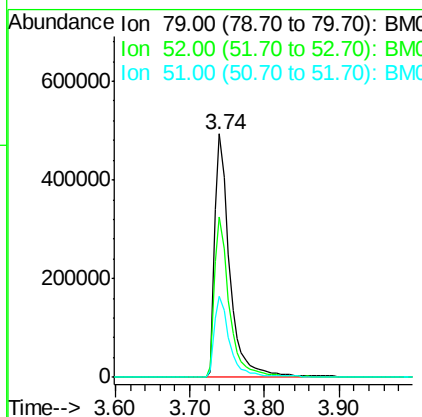
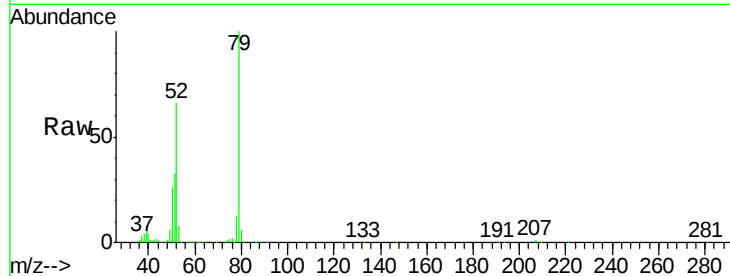
ClientSampleId :

FK-BPM-03-008-ABCDMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 689098 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 65.7  | 54.1  | 81.1   |
| 51       | 33.2  | 28.6  | 42.8   |

Manual Integrations  
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6/6/2019 11:22:13 AM



#4

n-Nitrosodimethylamine

Concen: 39.944 ng

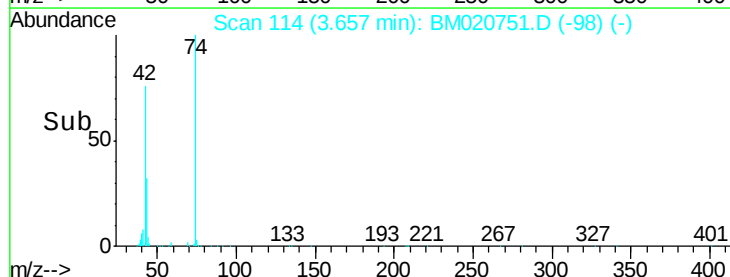
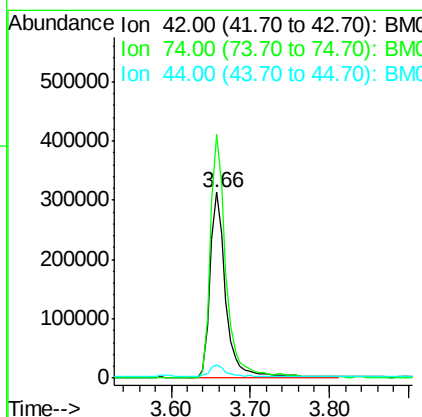
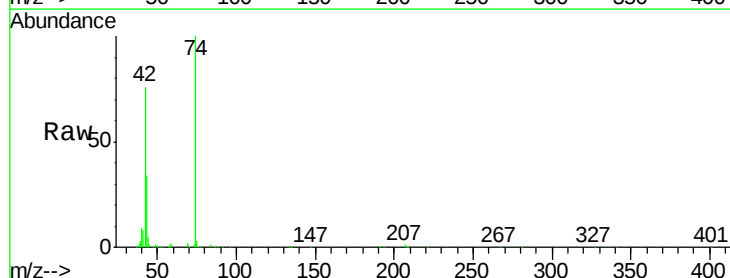
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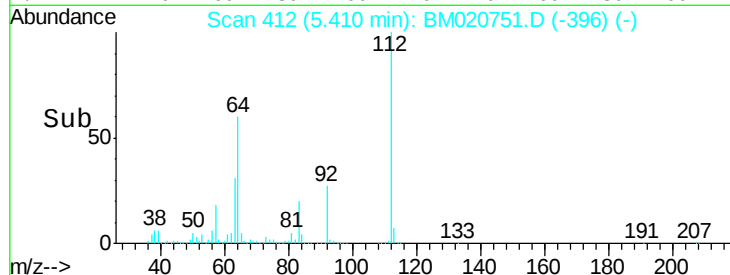
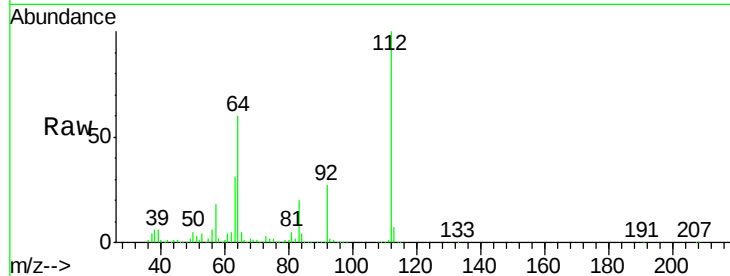
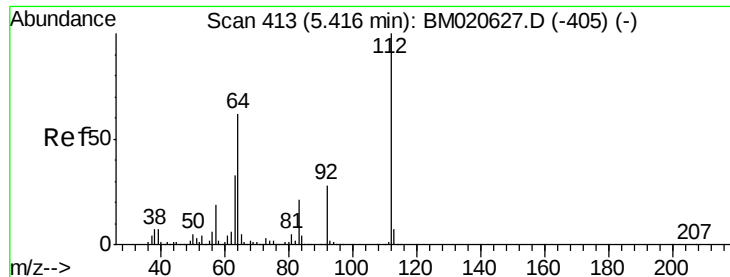
Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 431063 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 131.2 | 99.4  | 149.0  |
| 44       | 6.9   | 5.8   | 8.8    |





#5

2-Fluorophenol

Concen: 150.625 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 2894702 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 59.6  | 49.7  | 74.5    |
| 63       | 30.9  | 26.4  | 39.6    |

Instrument :

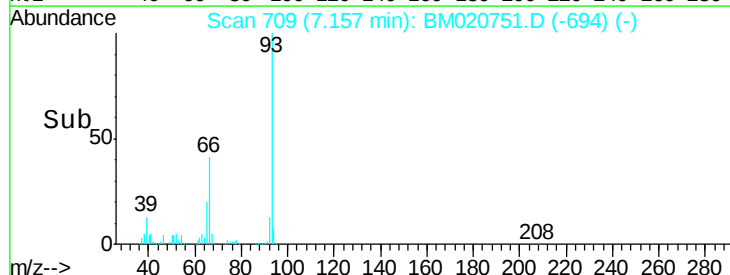
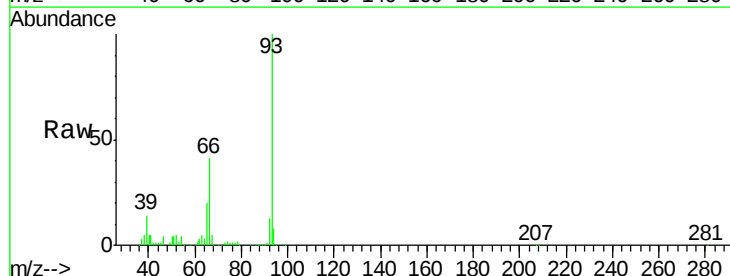
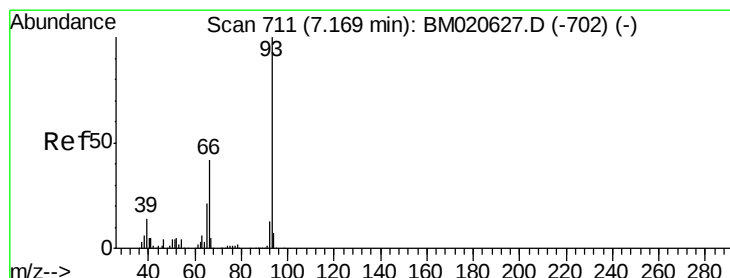
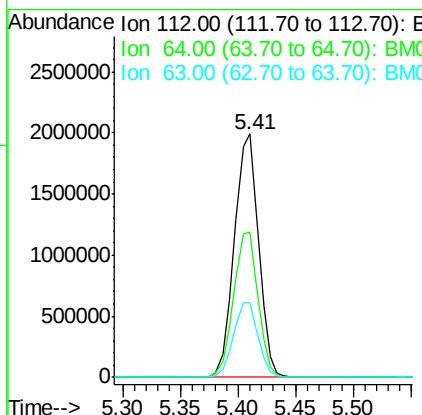
BNA\_M

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#6

Aniline

Concen: 15.001 ng

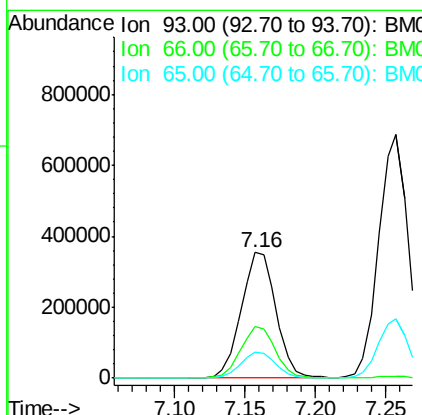
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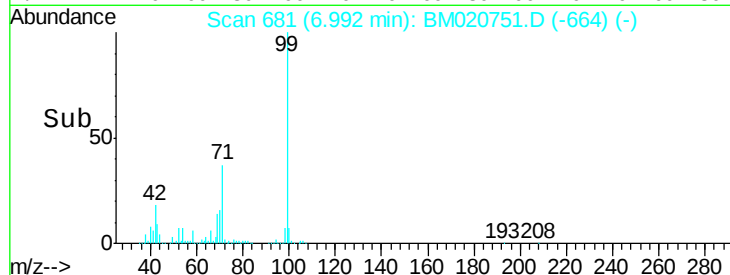
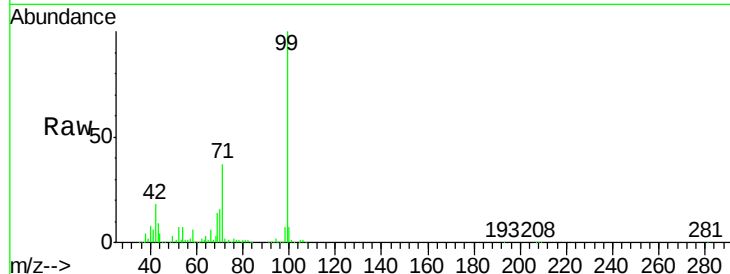
Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 614206 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 41.4  | 33.6  | 50.4   |
| 65       | 20.2  | 16.7  | 25.1   |





#7

Phenol-d6

Concen: 138.044 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Tot Ion: 99 Resp: 3906328

Ion Ratio Lower Upper

99 100

42 18.3 16.5 24.7

71 37.3 30.7 46.1

Instrument :

BNA\_M

ClientSampleId :

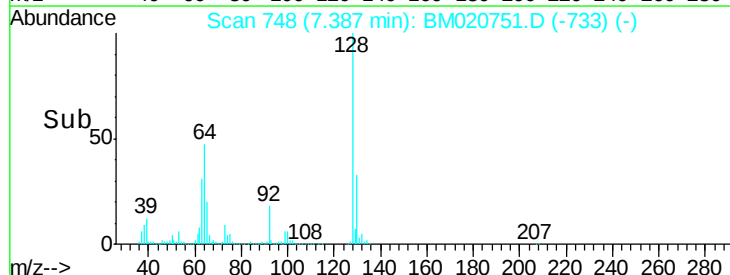
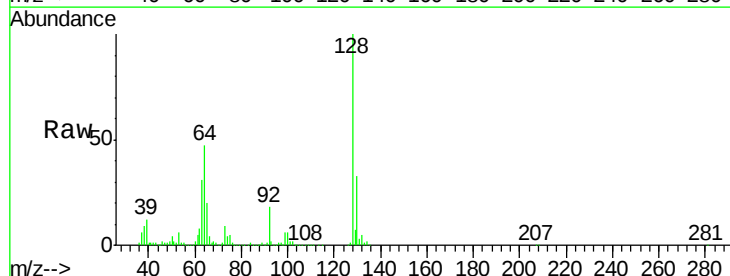
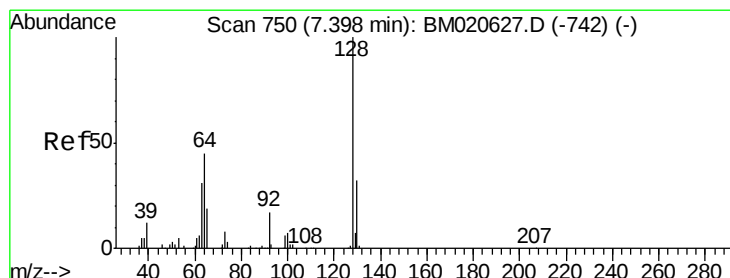
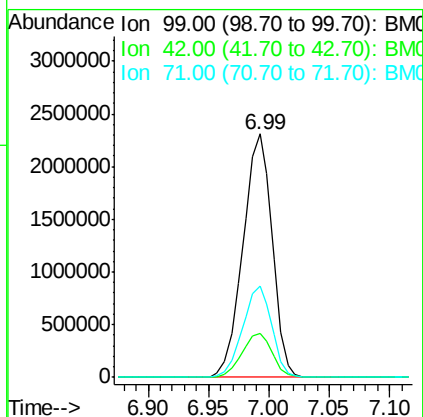
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#8

2-Chlorophenol

Concen: 45.585 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

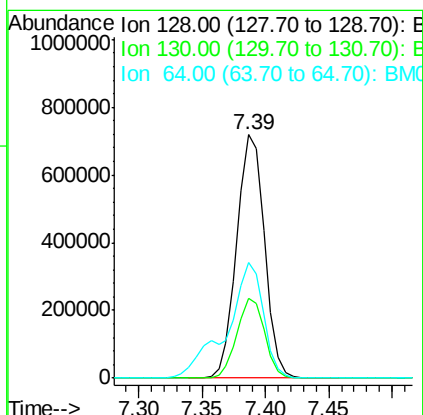
Tgt Ion: 128 Resp: 1089852

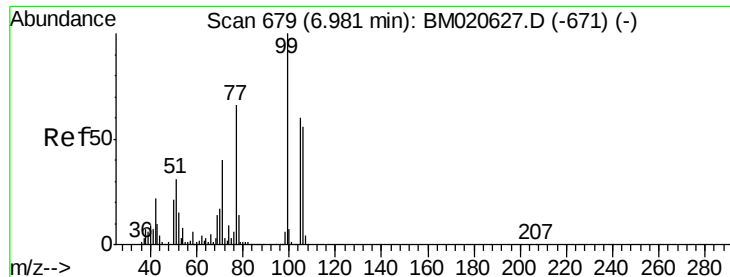
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 47.4 29.1 69.1





#9

Benzaldehyde

Concen: 18.368 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

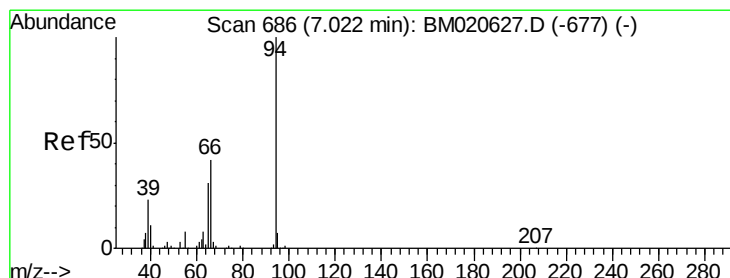
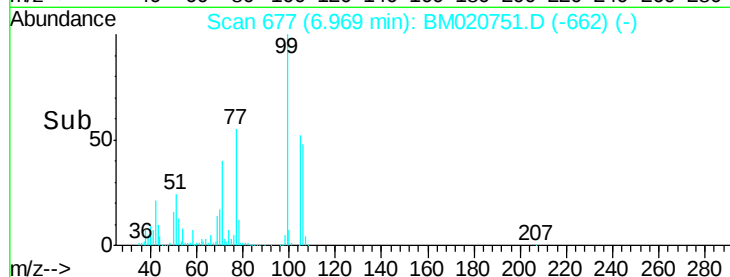
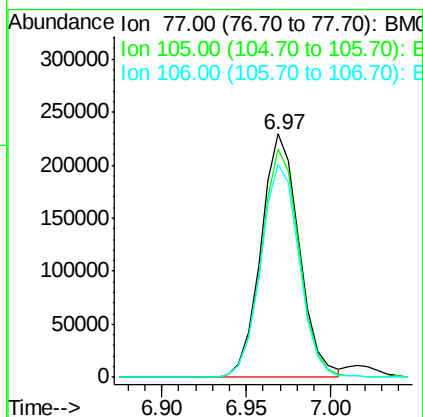
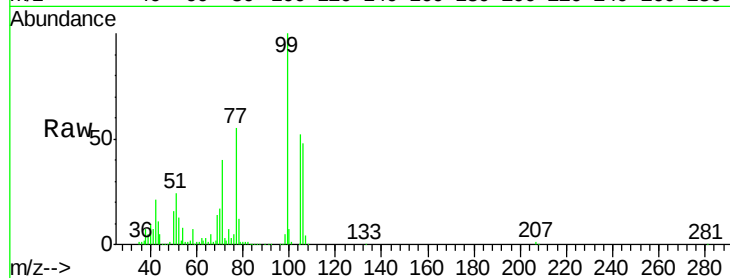
ClientSampleId :

FK-BPM-03-008-ABCDMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 360523 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 93.6  | 70.6  | 110.6  |
| 106      | 87.6  | 64.9  | 104.9  |

Manual Integrations  
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#10

Phenol

Concen: 44.717 ng

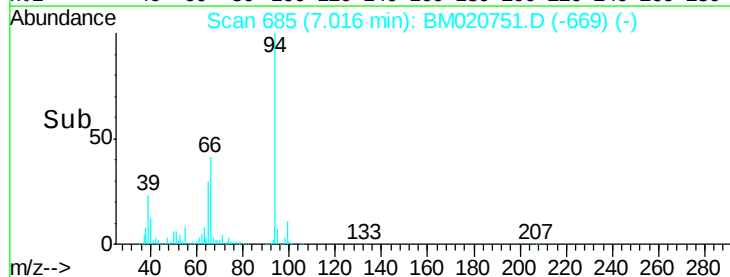
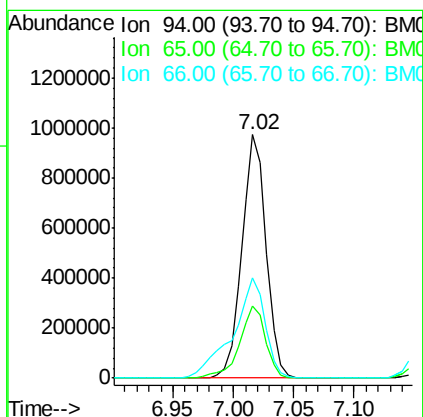
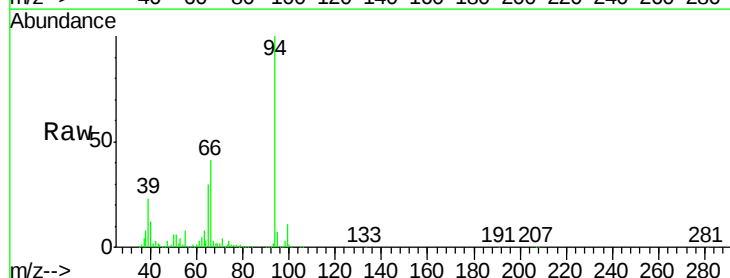
RT: 7.02 min Scan# 685

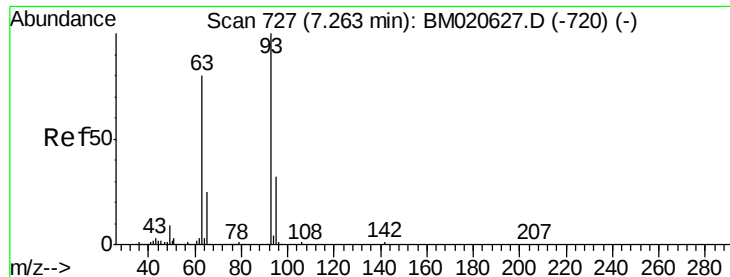
Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1363651 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 29.8  | 10.7  | 50.7    |
| 66       | 41.3  | 22.3  | 62.3    |





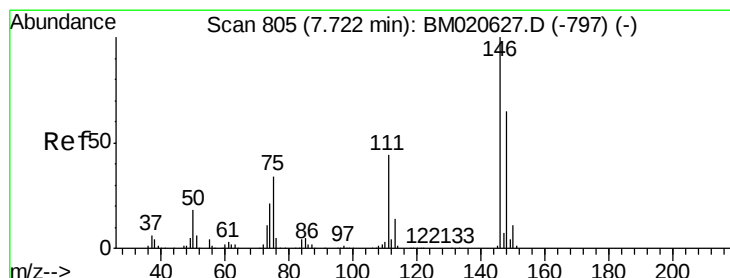
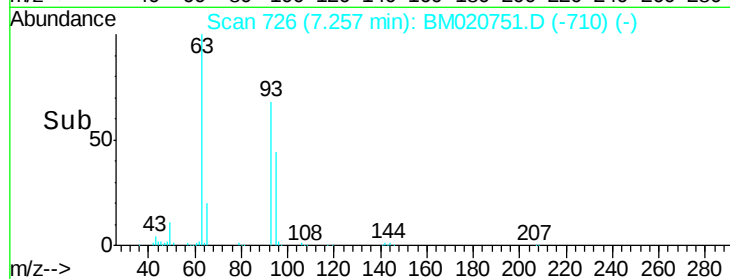
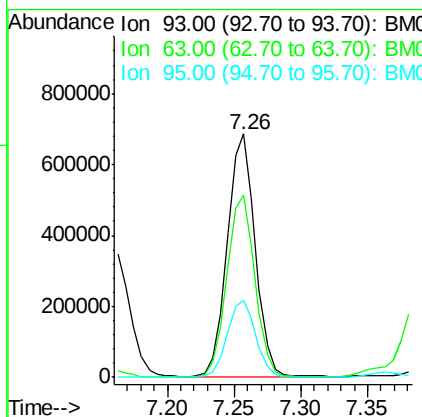
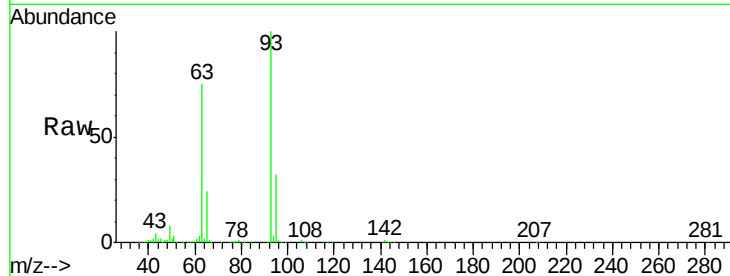
#11  
bis(2-Chloroethyl)ether  
Concen: 41.032 ng  
RT: 7.26 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.1  | 60.0  | 100.0 |
| 95      | 31.9  | 12.2  | 52.2  |

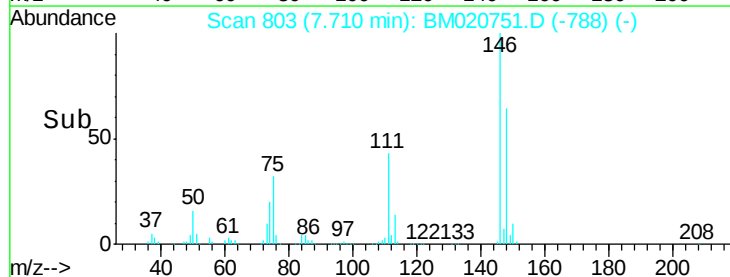
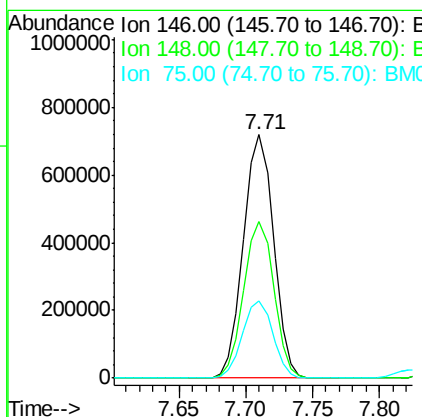
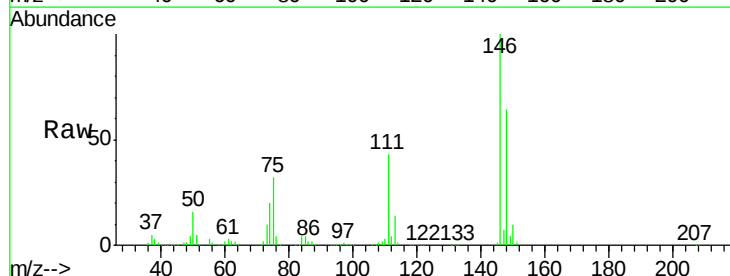
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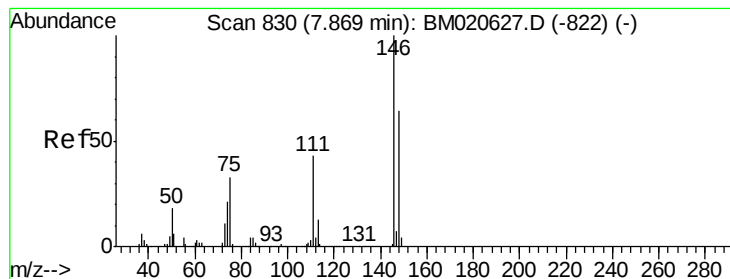
mohammad  
6/6/2019 11:22:13 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.073 ng  
RT: 7.71 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 52.0  | 78.0  |
| 75      | 31.8  | 27.0  | 40.4  |





#13

1,4-Dichlorobenzene

Concen: 41.499 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:146 Resp: 1159197

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

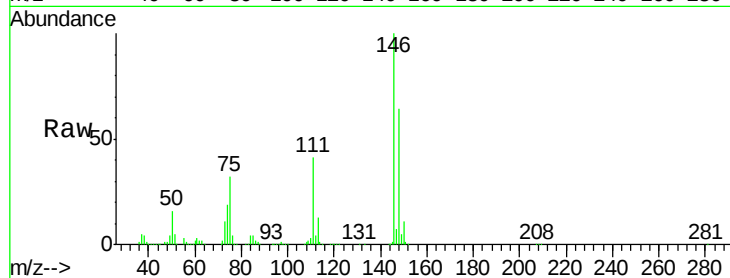
111 41.1 34.4 51.6

Manual Integrations

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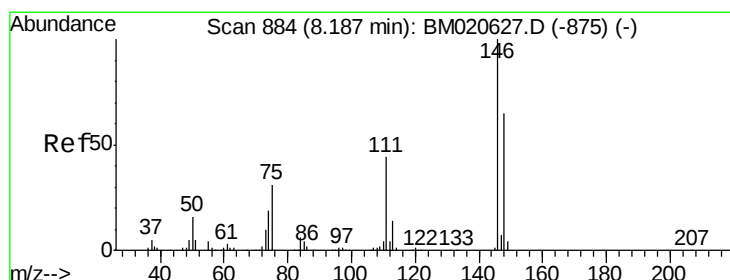
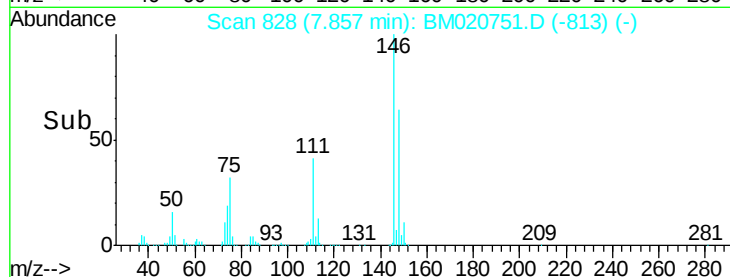
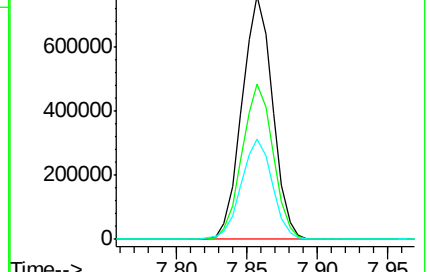
6/6/2019 11:22:13 AM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.134 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

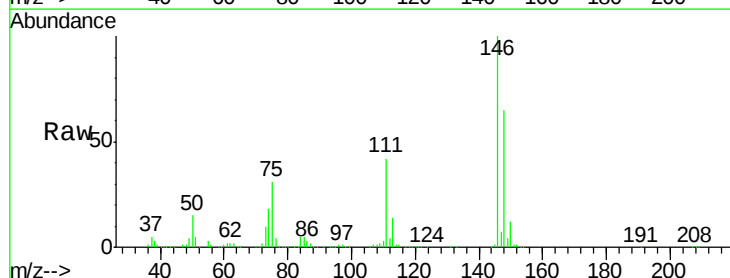
Tgt Ion:146 Resp: 1118189

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

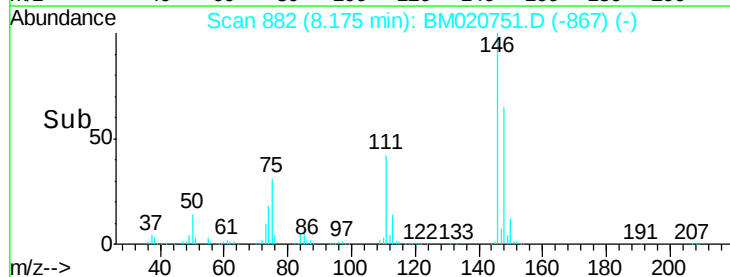
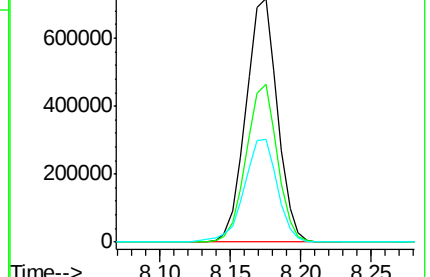
111 42.4 35.1 52.7

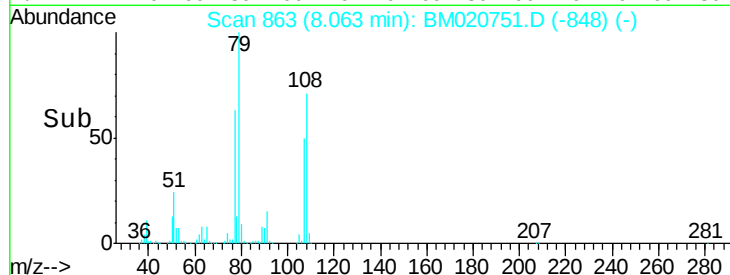
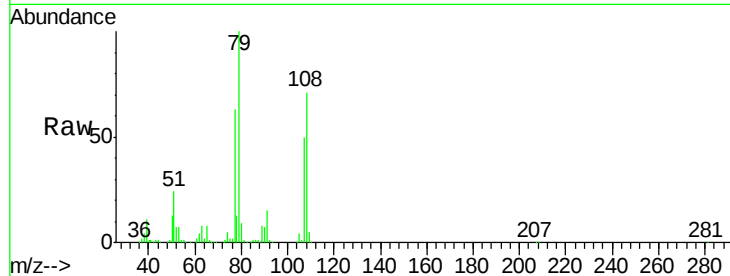
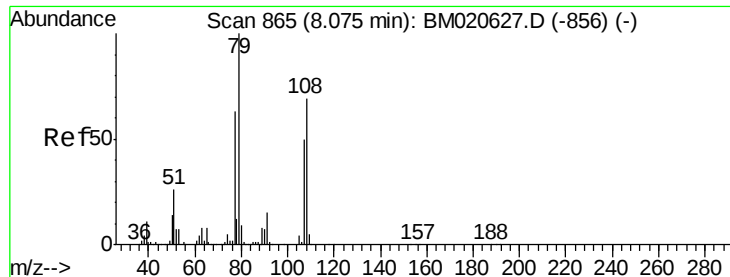


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





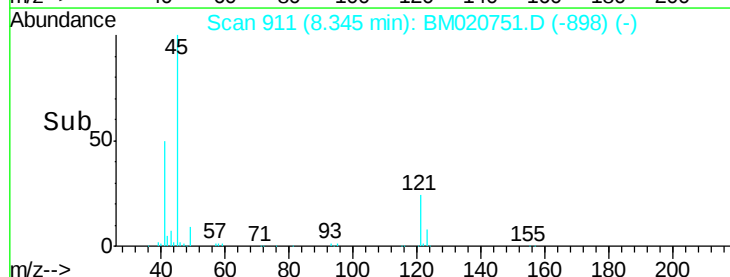
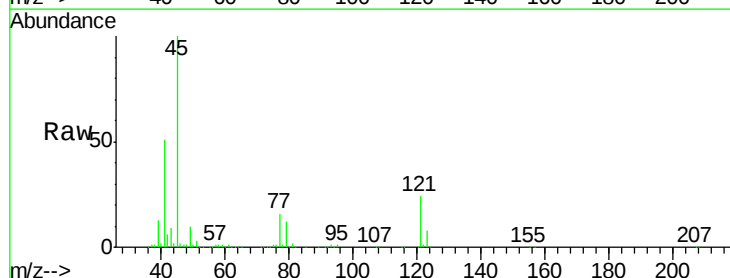
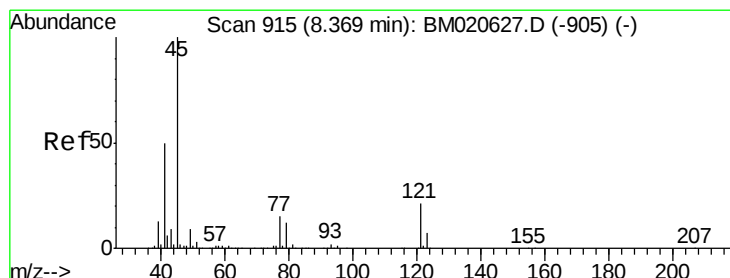
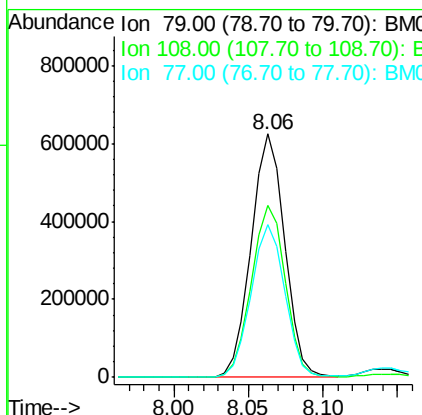
#15  
Benzyl Alcohol  
Concen: 38.719 ng  
RT: 8.06 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 969292 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 70.6  | 54.9  | 82.3   |
| 77        | 62.7  | 50.2  | 75.4   |

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

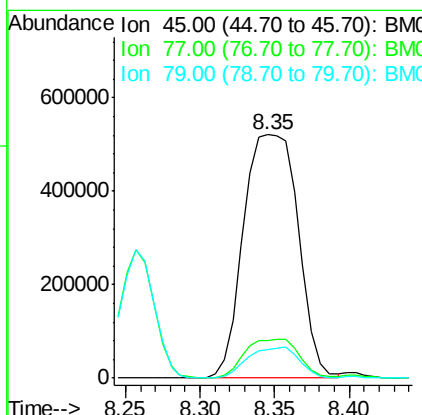
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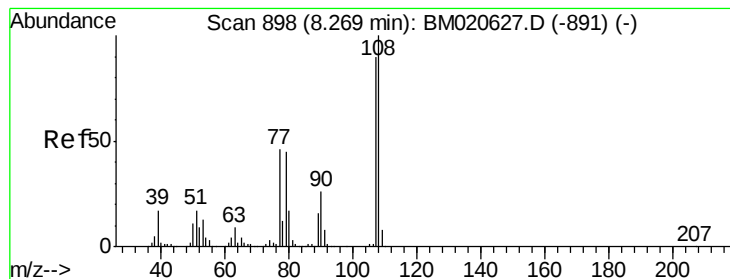
mohammad  
6/6/2019 11:22:13 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.277 ng  
RT: 8.35 min Scan# 911  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1323661 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 15.5  | 0.0   | 34.9    |
| 79        | 12.0  | 0.0   | 31.8    |





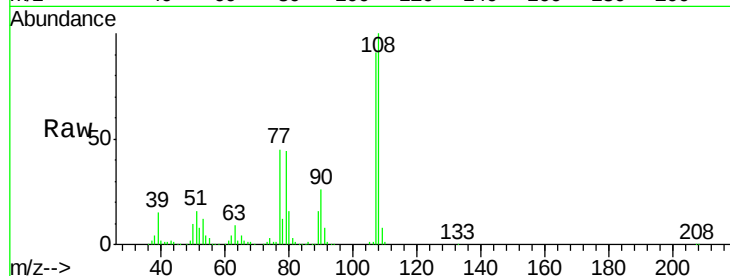
#17  
2-Methylphenol  
Concen: 41.574 ng  
RT: 8.26 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 891512 |       |       |
| 108     | 109.6 |        | 88.6  | 133.0 |
| 77      | 48.9  |        | 40.6  | 61.0  |
| 79      | 48.7  |        | 39.9  | 59.9  |

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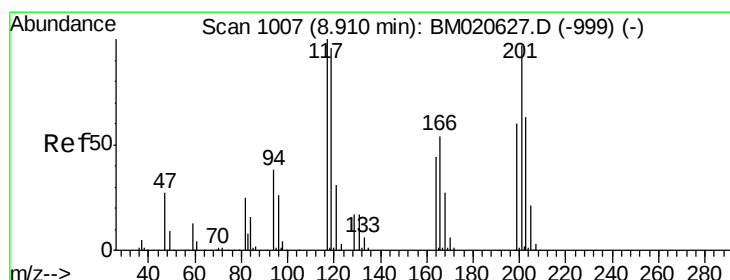
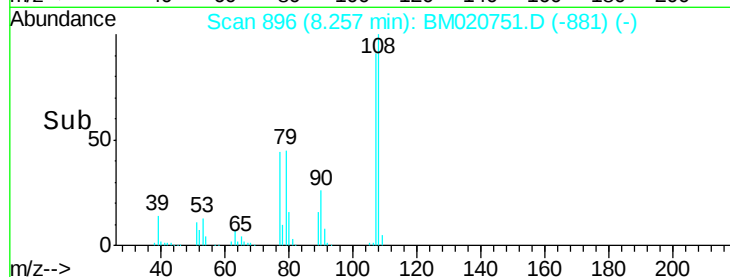
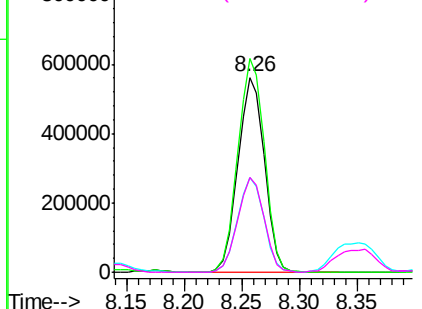
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 38.973 ng  
RT: 8.89 min Scan# 1004  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

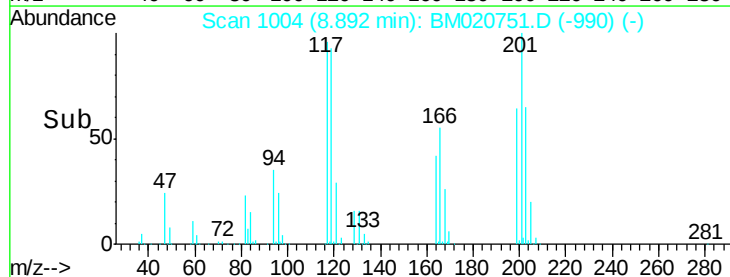
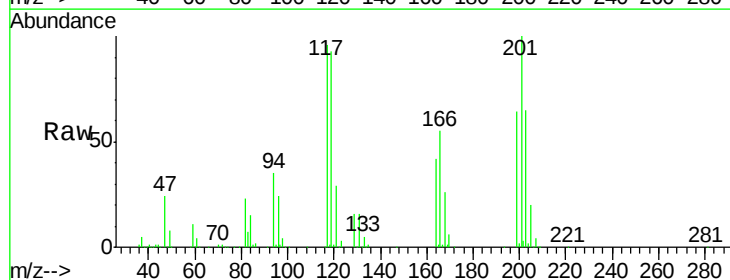
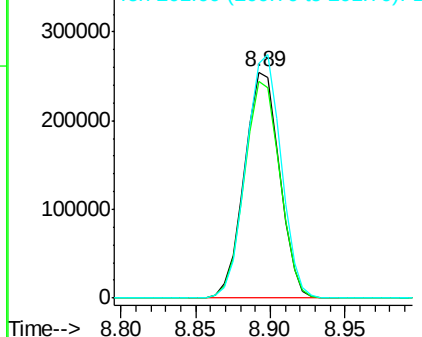
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 416804 |       |       |
| 119     | 96.0  |        | 76.7  | 115.1 |
| 201     | 103.8 |        | 77.9  | 116.9 |

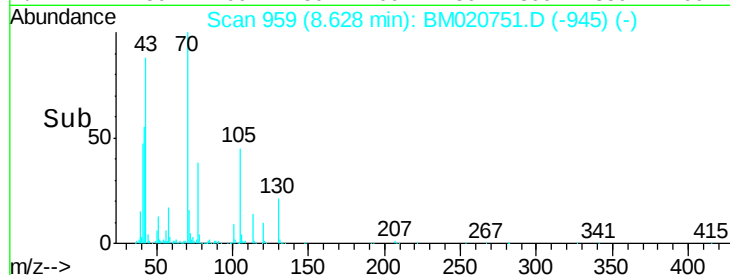
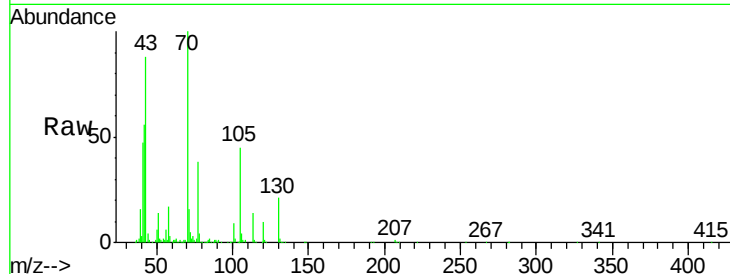
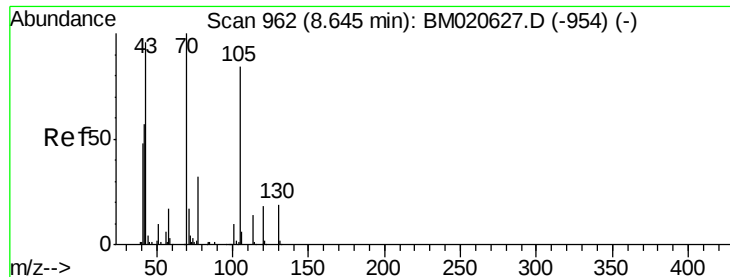
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





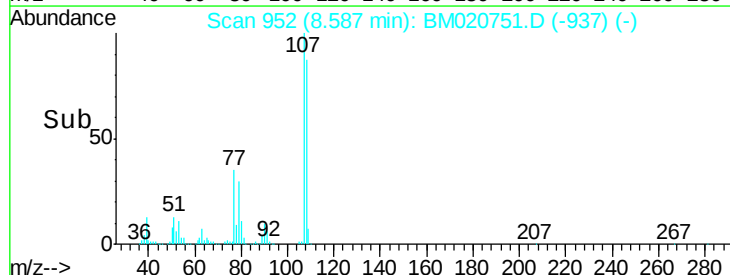
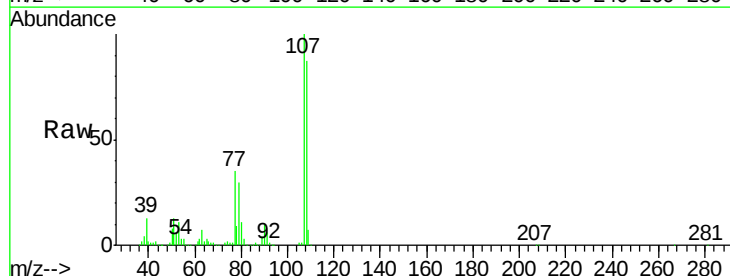
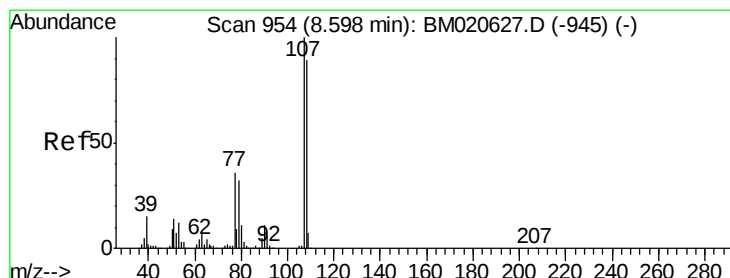
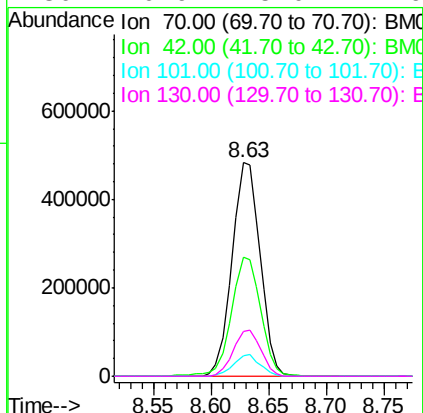
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.844 ng  
RT: 8.63 min Scan# 959  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

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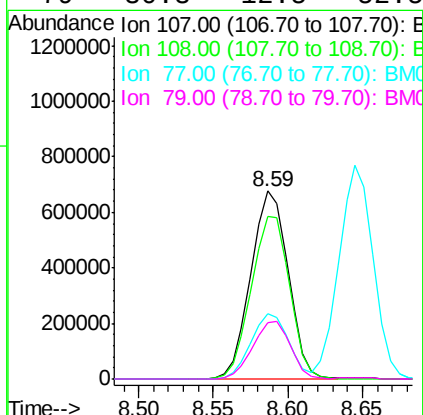
mohammad  
6/6/2019 11:22:13 AM

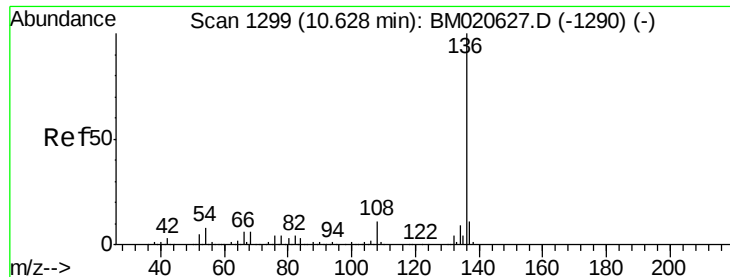
| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 815331  | 70  | 100   |       |       |
|         | 42  | 55.6  | 46.8  | 70.2  |
|         | 101 | 9.5   | 7.8   | 11.6  |
|         | 130 | 20.9  | 15.0  | 22.6  |



#20  
3+4-Methylphenols  
Concen: 40.272 ng  
RT: 8.59 min Scan# 952  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 1174948 | 107 | 100   |       |       |
|         | 108 | 86.6  | 69.2  | 109.2 |
|         | 77  | 34.9  | 16.2  | 56.2  |
|         | 79  | 30.3  | 12.5  | 52.5  |





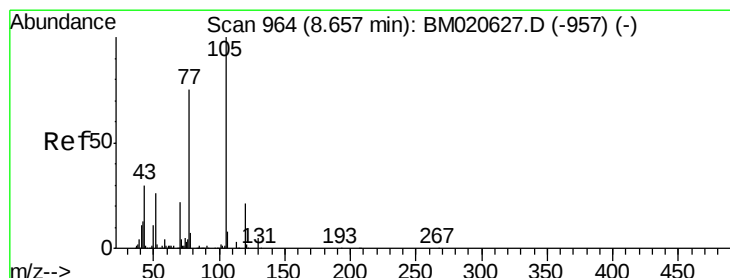
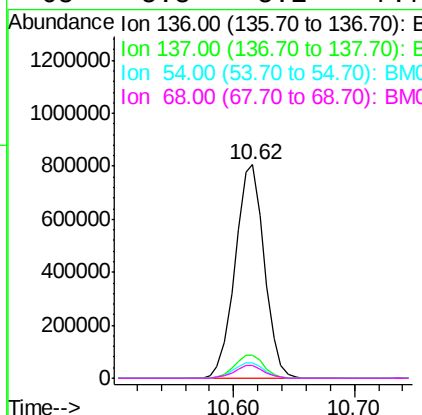
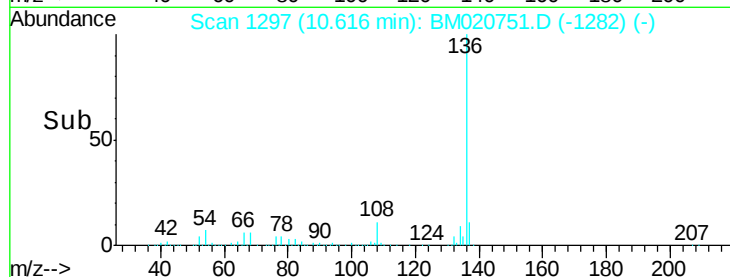
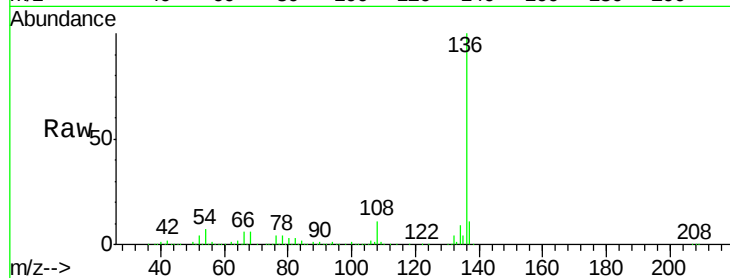
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.62 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | 136   | Resp  | 1352338 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 136     | 100   |       |         |
| 137     | 10.5  | 8.8   | 13.2    |
| 54      | 7.3   | 6.6   | 10.0    |
| 68      | 5.8   | 5.1   | 7.7     |

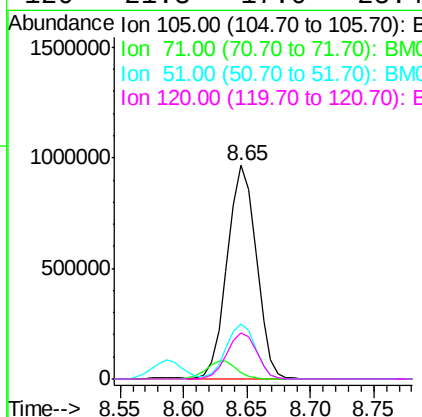
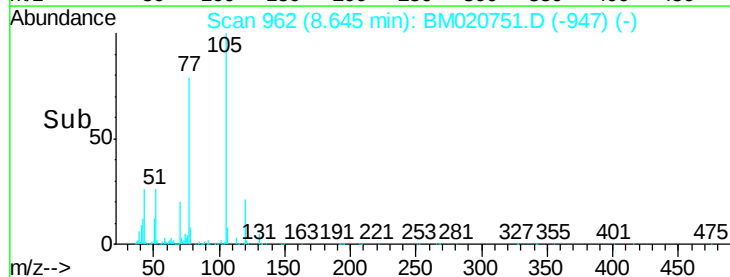
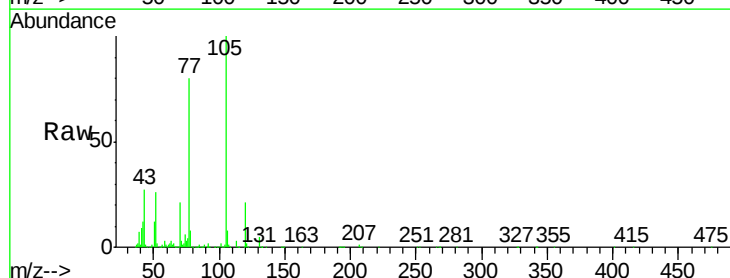
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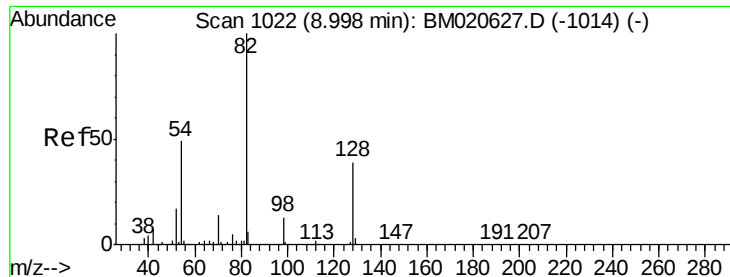
mohammad  
6/6/2019 11:22:13 AM



#22  
Acetophenone  
Concen: 44.669 ng  
RT: 8.65 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | 105   | Resp  | 1534578 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 105     | 100   |       |         |
| 71      | 3.3   | 3.2   | 4.8     |
| 51      | 26.0  | 22.8  | 34.2    |
| 120     | 21.3  | 17.0  | 25.4    |





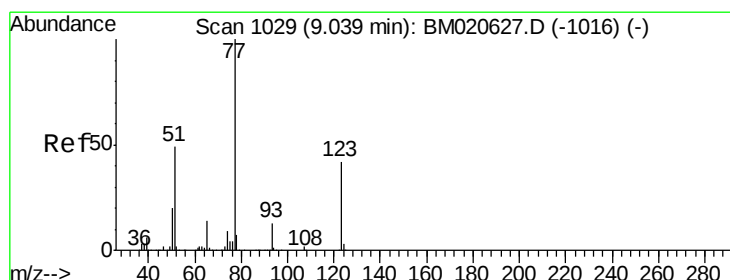
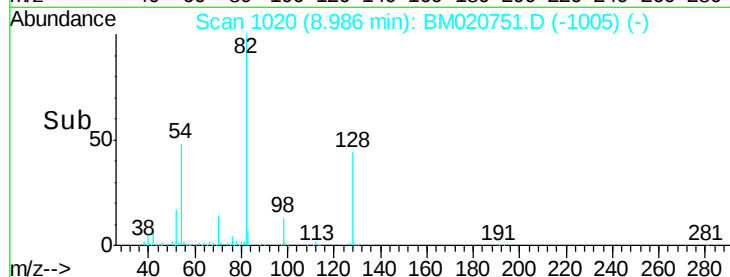
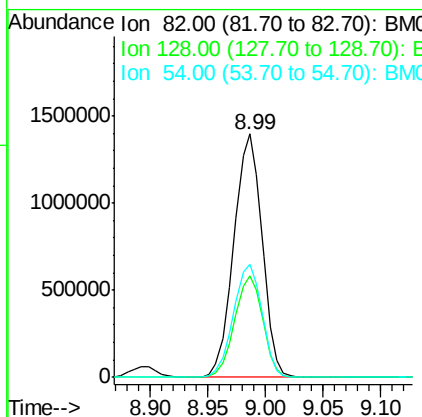
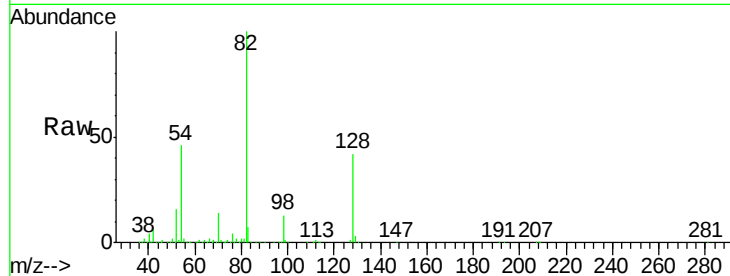
#23  
Nitrobenzene-d5  
Concen: 90.584 ng  
RT: 8.99 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.7  | 31.5  | 47.3  |
| 54      | 46.3  | 39.4  | 59.0  |

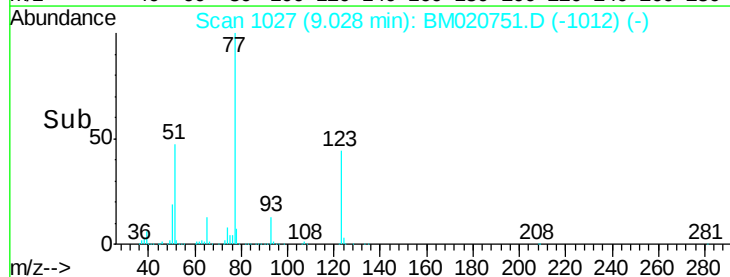
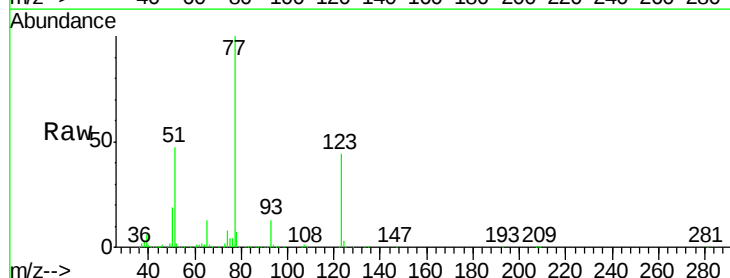
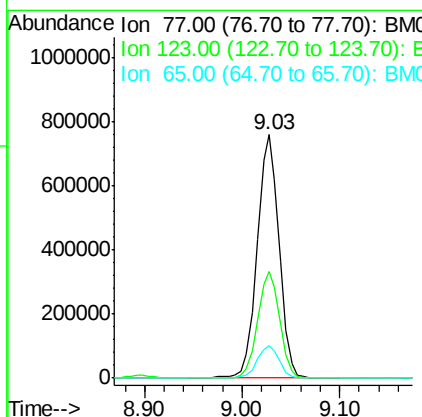
Manual Integrations  
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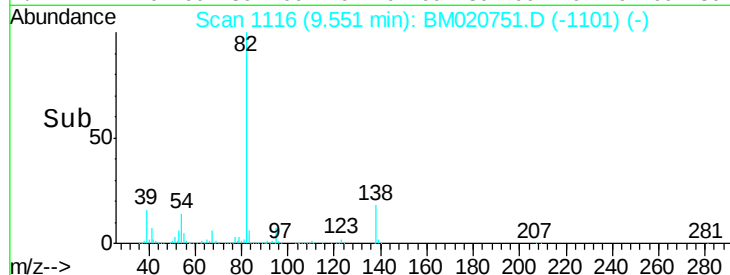
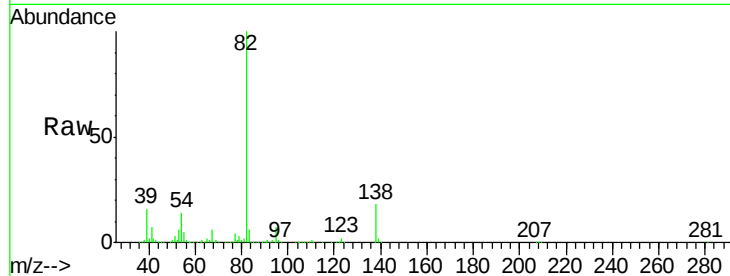
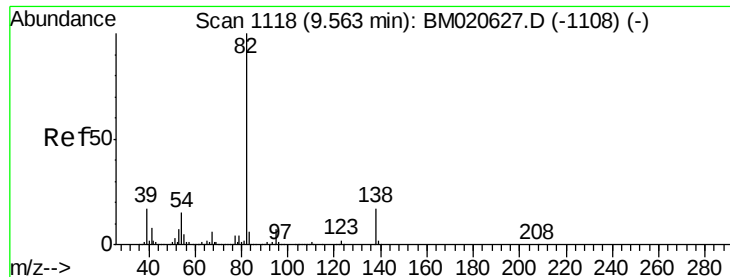
mohammad  
6/6/2019 11:22:13 AM



#24  
Nitrobenzene  
Concen: 44.739 ng  
RT: 9.03 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.9  | 33.7  | 50.5  |
| 65      | 13.1  | 11.0  | 16.6  |





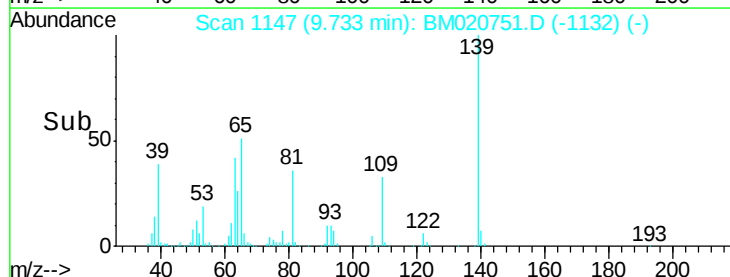
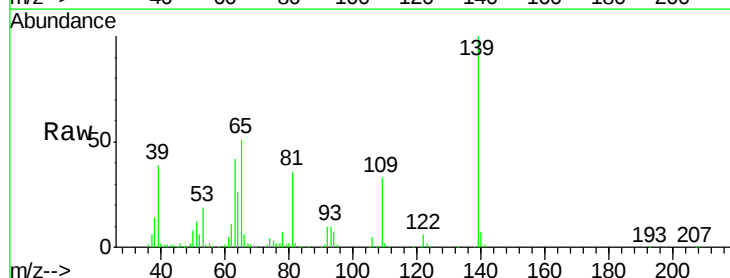
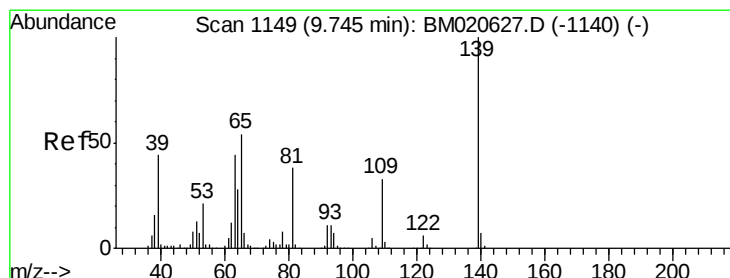
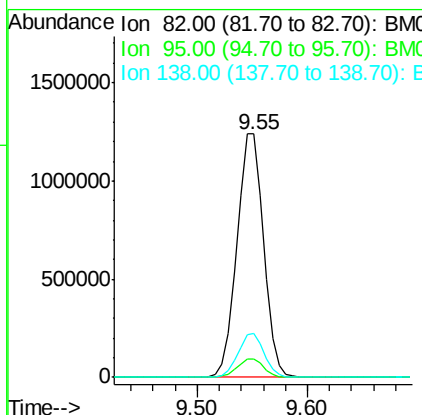
#25  
Isophorone  
Concen: 40.705 ng  
RT: 9.55 min Scan# 1116  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Tot Ion: 82 Resp: 2113401  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 17.9 13.8 20.8

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

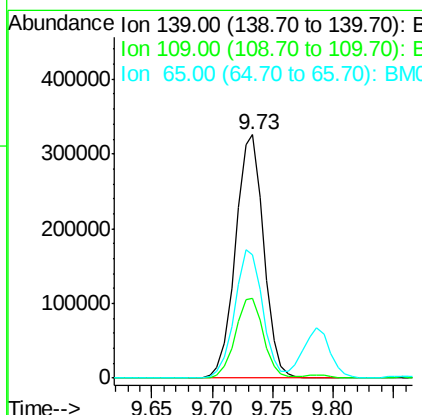
Manual Integrations  
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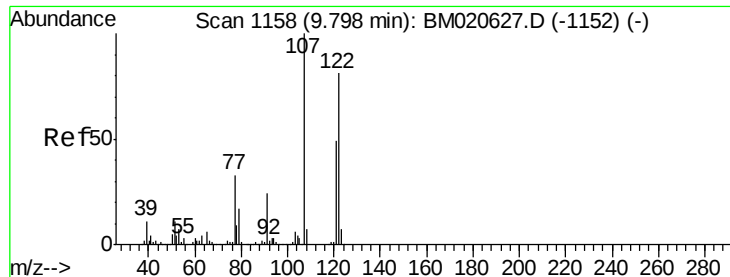
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#26  
2-Nitrophenol  
Concen: 53.460 ng  
RT: 9.73 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Tgt Ion: 139 Resp: 530895  
Ion Ratio Lower Upper  
139 100  
109 32.8 26.1 39.1  
65 50.8 43.4 65.0





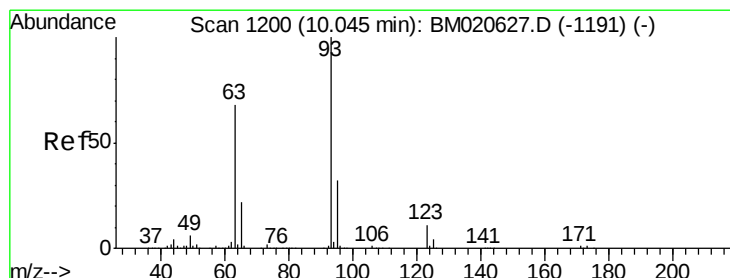
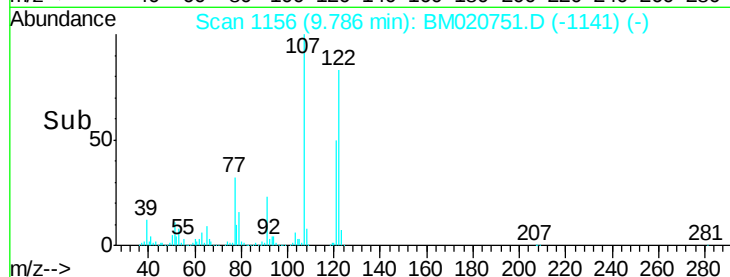
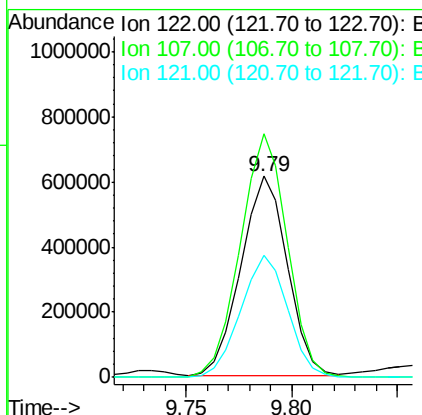
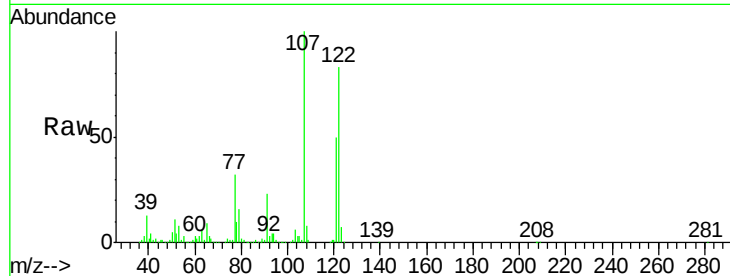
#27  
2,4-Dimethylphenol  
Concen: 50.325 ng  
RT: 9.79 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.0 | 98.0  | 147.0 |
| 121     | 60.5  | 48.2  | 72.4  |

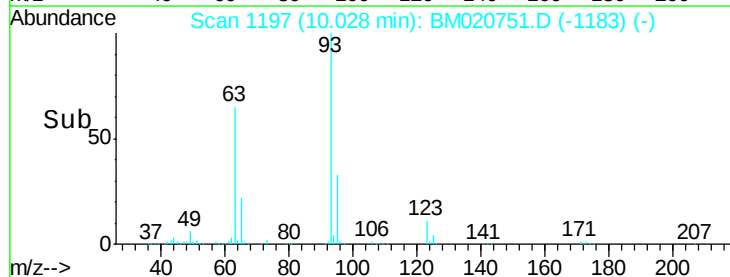
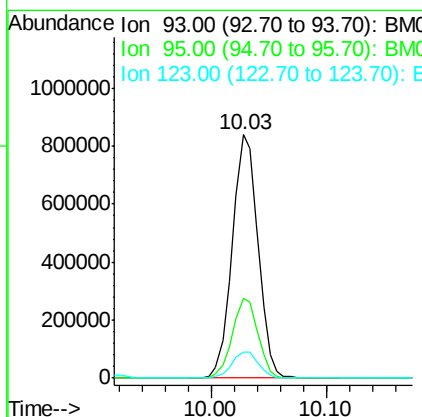
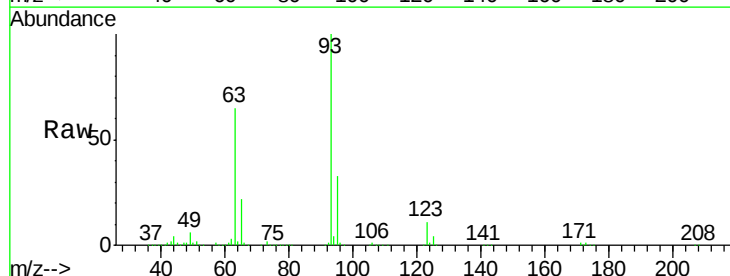
Manual Integrations  
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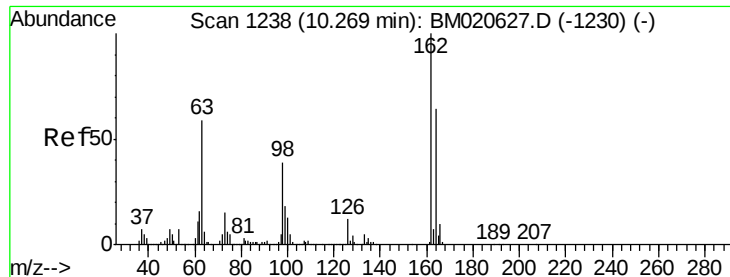
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#28  
bis(2-Chloroethoxy)methane  
Concen: 41.287 ng  
RT: 10.03 min Scan# 1197  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 25.8  | 38.6  |
| 123     | 10.7  | 9.0   | 13.6  |





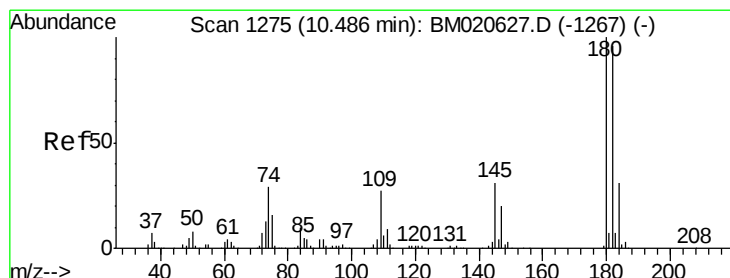
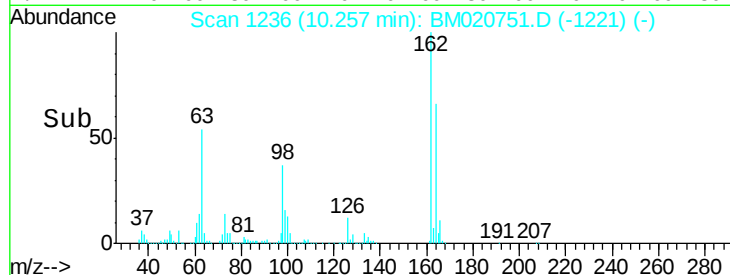
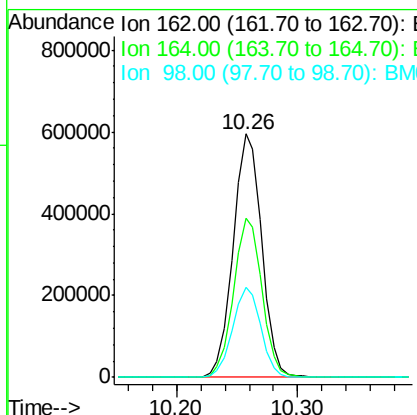
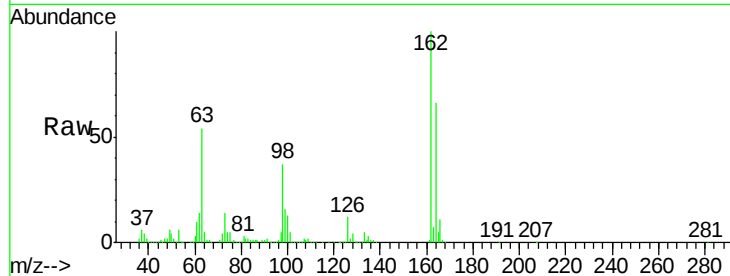
#29  
 2,4-Dichlorophenol  
 Concen: 47.692 ng  
 RT: 10.26 min Scan# 1236  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 981884 |       |       |
| 164     | 65.5  | 43.8   | 83.8  |       |
| 98      | 36.9  | 19.1   | 59.1  |       |

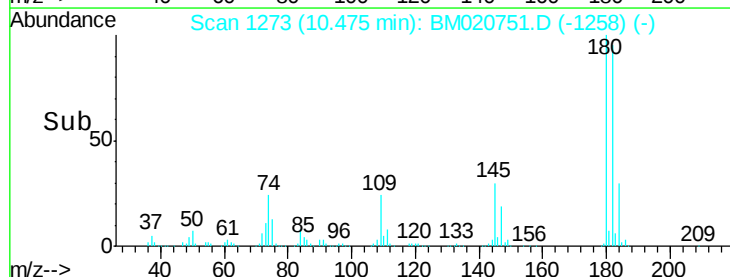
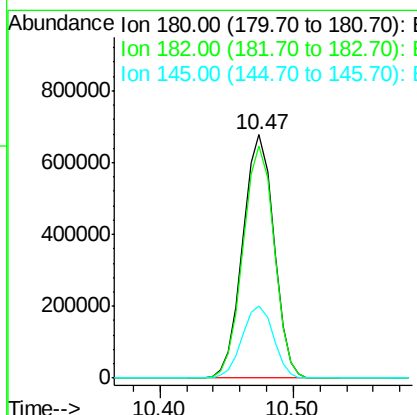
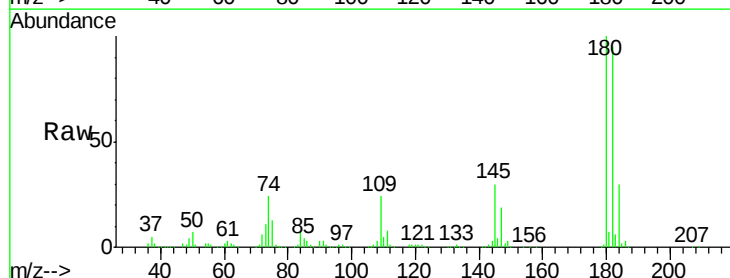
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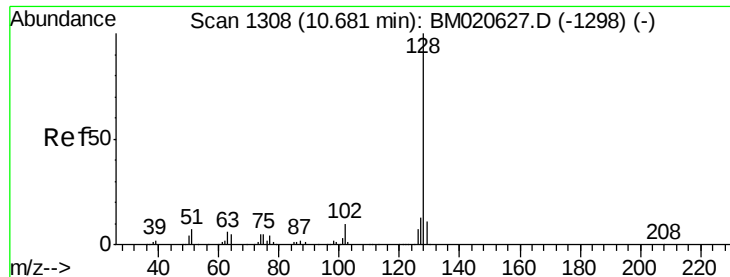
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.166 ng  
 RT: 10.47 min Scan# 1273  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 180     | 100   | 1092899 |       |       |
| 182     | 95.5  | 77.0    | 115.6 |       |
| 145     | 29.8  | 25.0    | 37.4  |       |





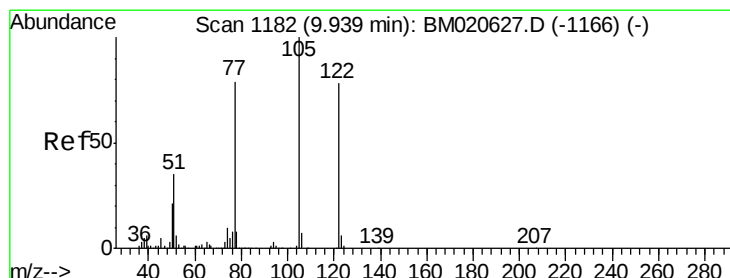
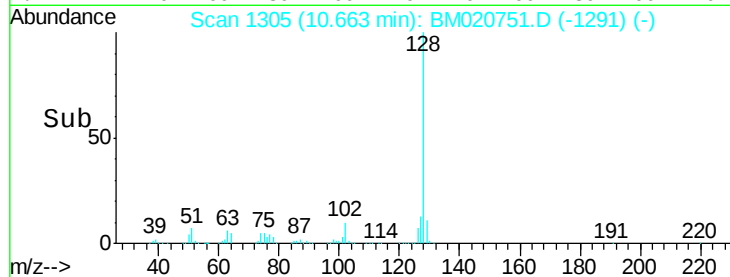
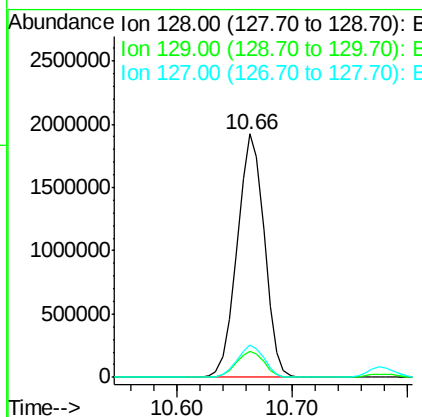
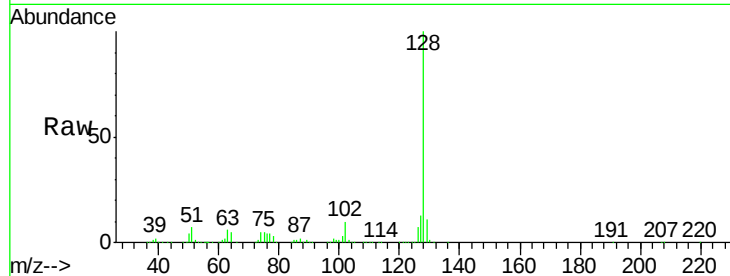
#31  
Naphthalene  
Concen: 44.994 ng  
RT: 10.66 min Scan# 1305  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.7   | 13.1  |
| 127     | 13.3  | 10.3  | 15.5  |

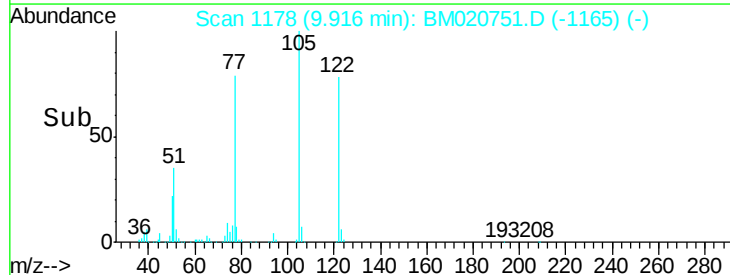
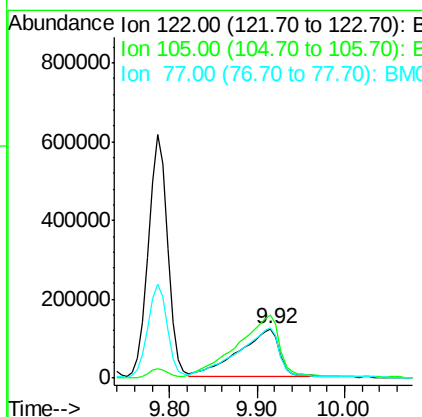
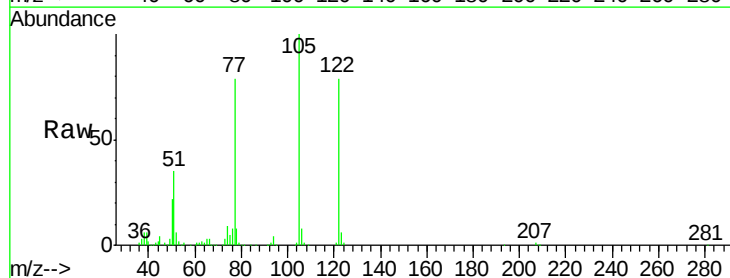
Manual Integrations  
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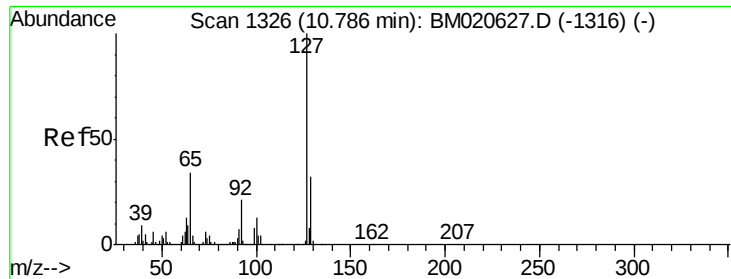
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#32  
Benzoic acid  
Concen: 36.054 ng m  
RT: 9.92 min Scan# 1178  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.0 | 107.0 | 147.0 |
| 77      | 100.9 | 80.9  | 120.9 |





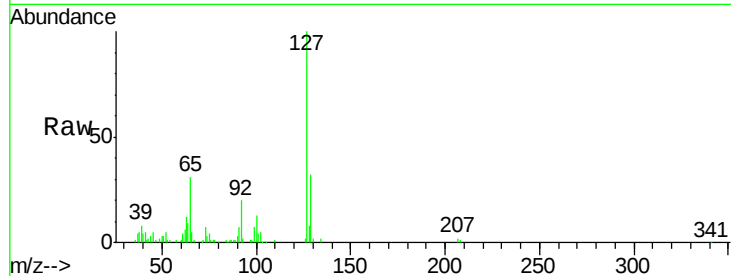
#33  
4-Chloroaniline  
Concen: 4.647 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

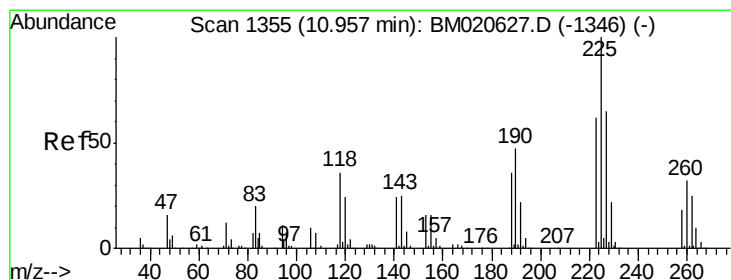
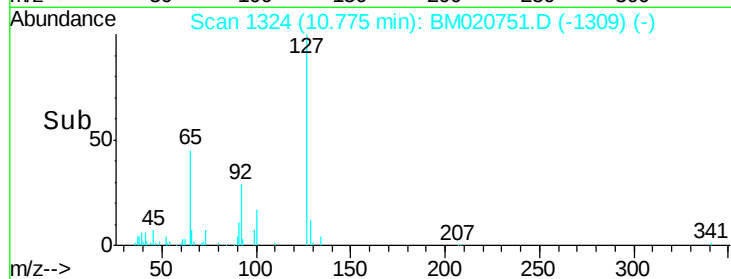
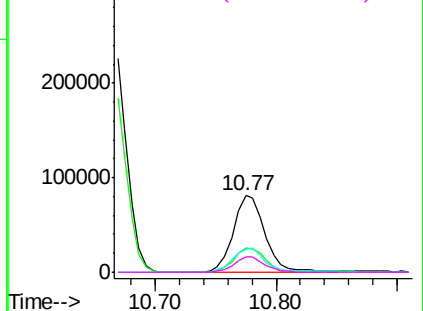
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 150401 |       |       |
| 129     | 32.4 | 25.7  | 38.5   |       |       |
| 65      | 30.8 | 27.4  | 41.0   |       |       |
| 92      | 20.0 | 17.0  | 25.6   |       |       |

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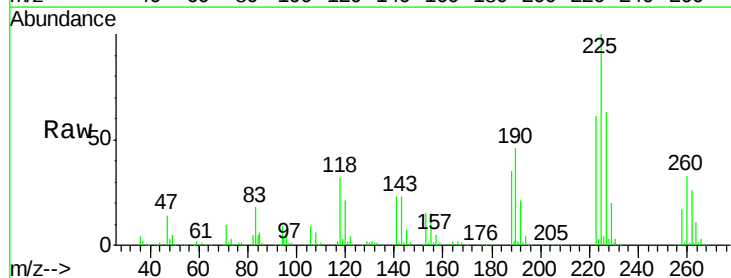


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

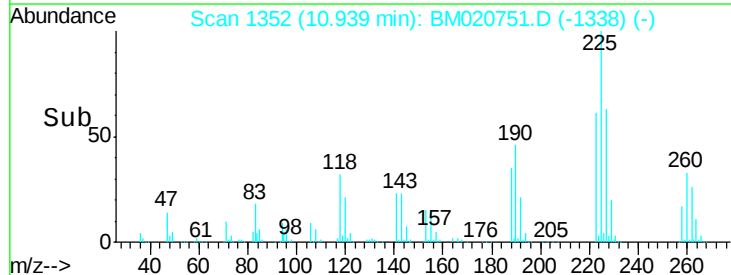
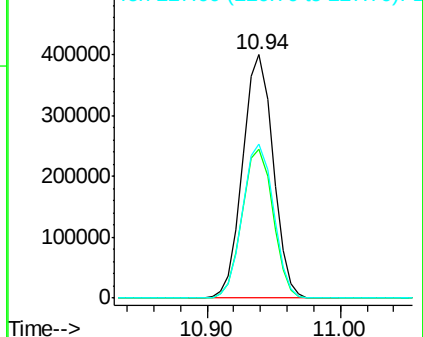


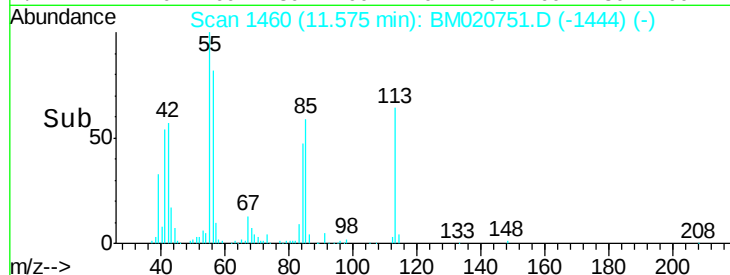
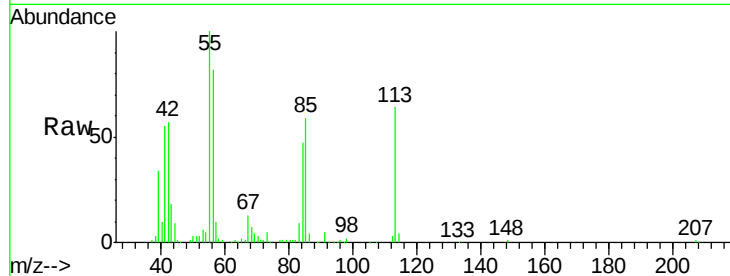
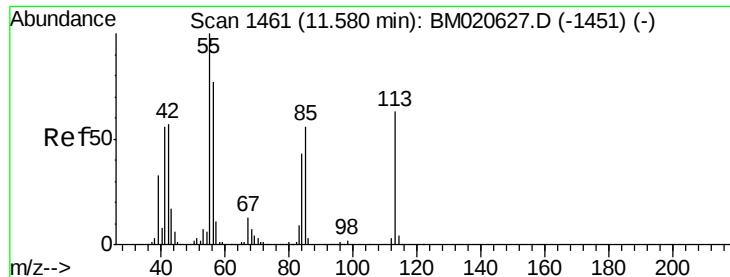
#34  
Hexachlorobutadiene  
Concen: 44.276 ng  
RT: 10.94 min Scan# 1352  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 628904 |       |       |
| 223     | 61.4 | 49.7  | 74.5   |       |       |
| 227     | 63.4 | 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: 37.763 ng/mL

RT: 11.57 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 113   | Resp: | 270093 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 155.2 | 138.6 | 178.6  |
| 56       | 126.5 | 102.3 | 142.3  |

Instrument :

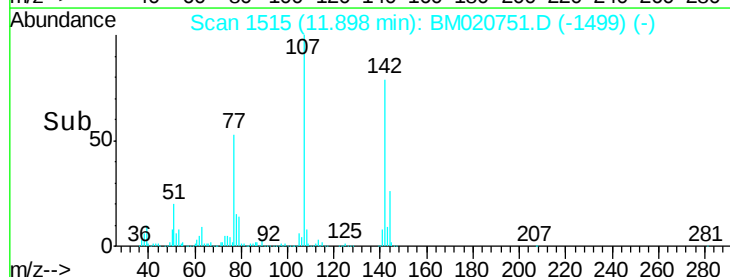
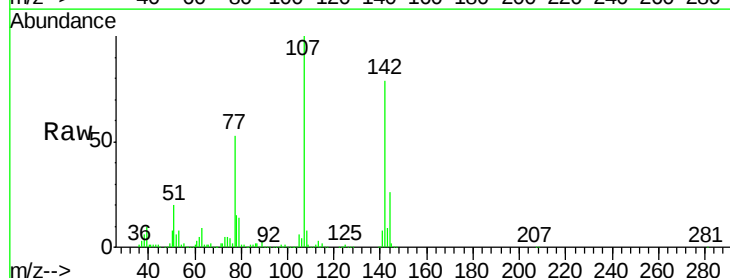
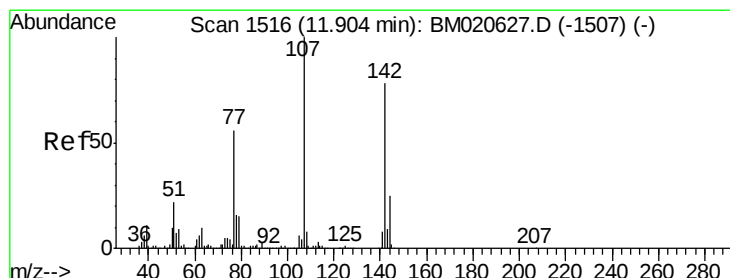
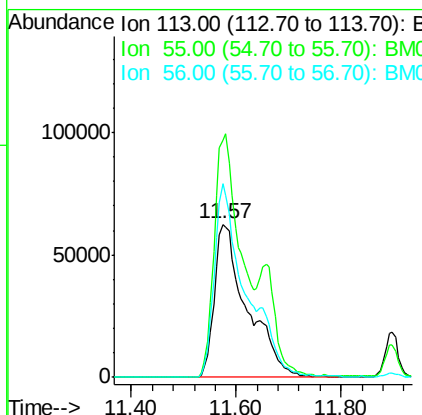
BNA\_M

ClientSampleId :

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#36

4-Chloro-3-methylphenol

Concen: 41.764 ng/mL

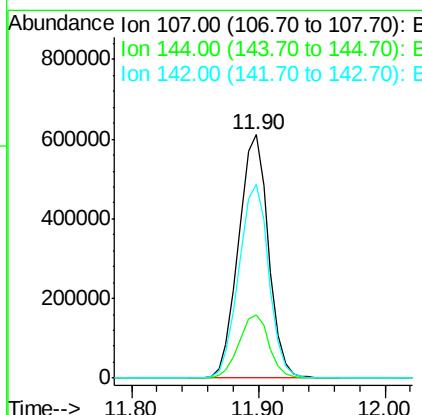
RT: 11.90 min Scan# 1515

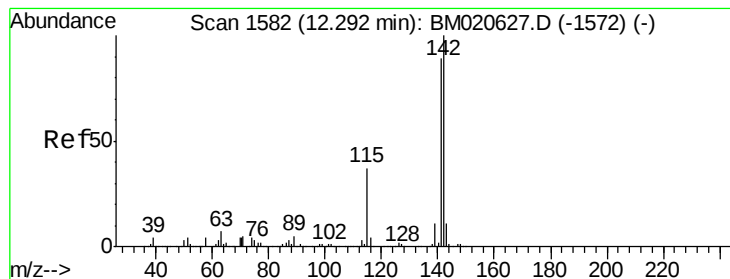
Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 999697 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 25.8  | 20.3  | 30.5   |
| 142      | 79.3  | 62.6  | 93.8   |





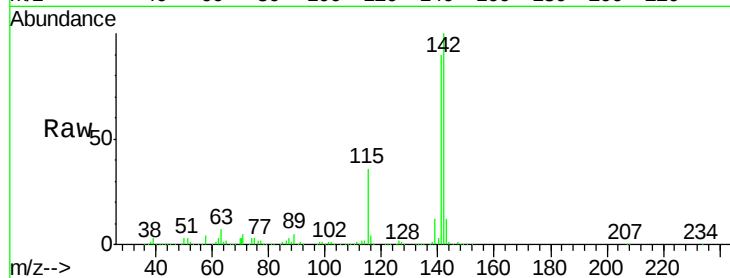
#37  
 2-Methylnaphthalene  
 Concen: 43.456 ng  
 RT: 12.27 min Scan# 1579  
 Delta R.T. -0.02 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 71.6  | 107.4 |
| 115     | 35.7  | 29.6  | 44.4  |

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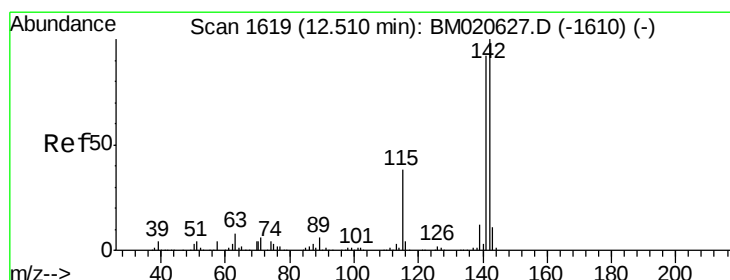
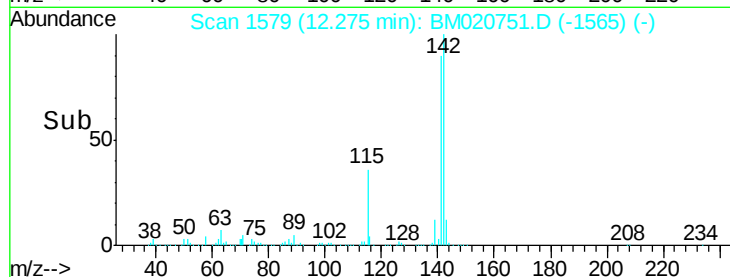
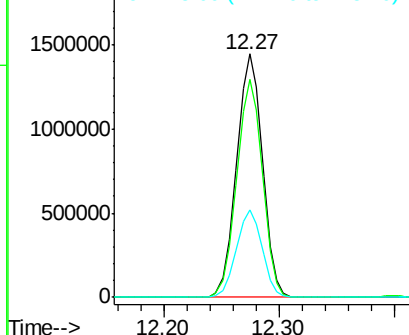


Abundance

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: 42.975 ng  
 RT: 12.50 min Scan# 1617  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

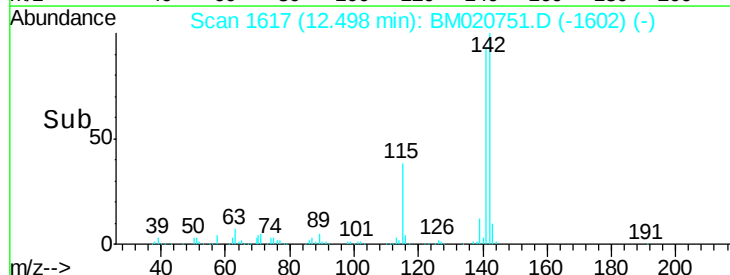
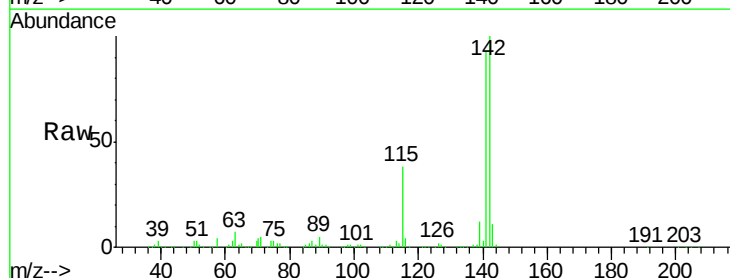
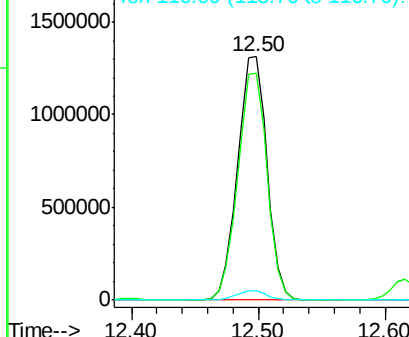
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.4  | 73.9  | 110.9 |
| 116     | 3.9   | 3.2   | 4.8   |

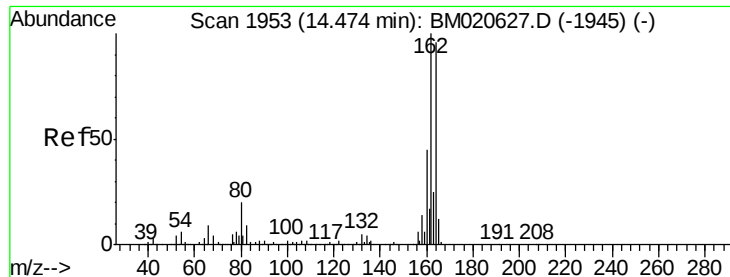
Abundance

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





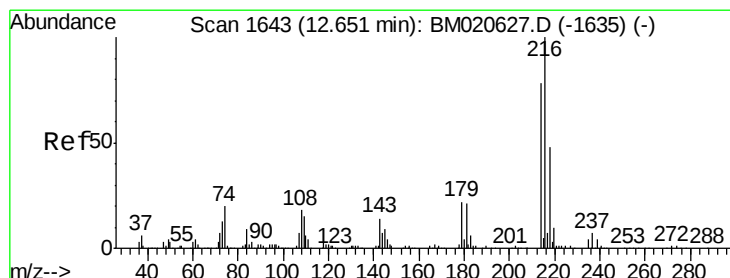
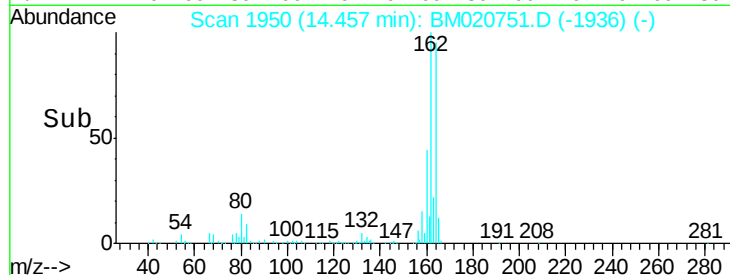
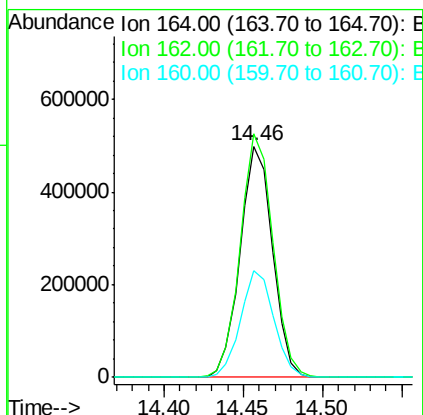
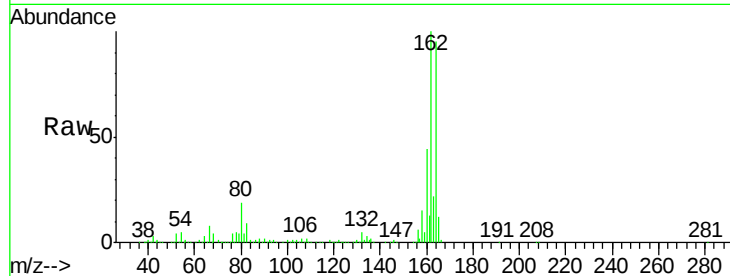
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.46 min Scan# 1950  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.3 | 83.2  | 124.8 |
| 160     | 46.3  | 37.5  | 56.3  |

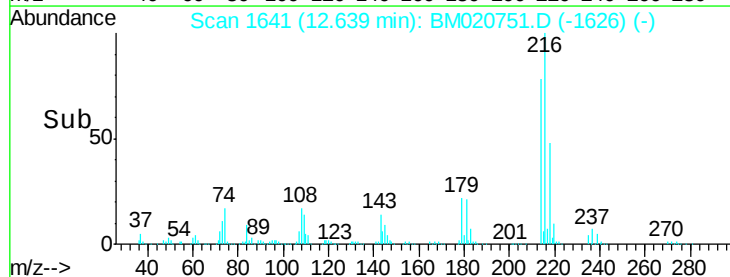
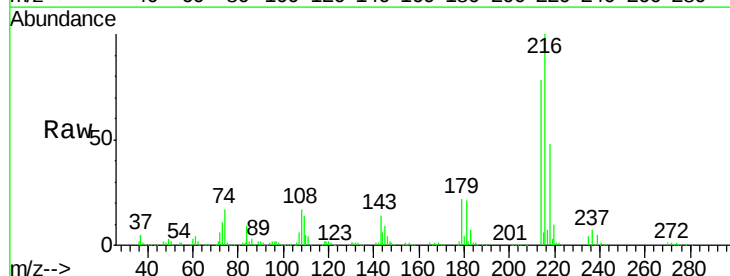
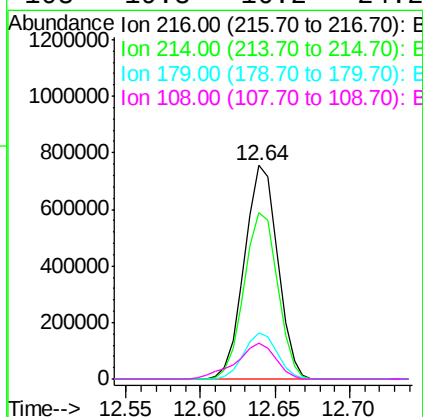
Manual Integrations  
APPROVED

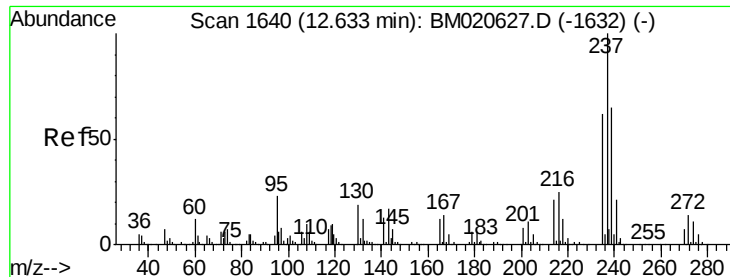
mohammad  
6/6/2019 11:22:13 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.196 ng  
RT: 12.64 min Scan# 1641  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.7  | 63.0  | 94.4  |
| 179     | 21.7  | 17.9  | 26.9  |
| 108     | 19.8  | 16.2  | 24.2  |





#41

Hexachlorocyclopentadiene

Concen: 96.338 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:237 Resp: 1336210

Ion Ratio Lower Upper

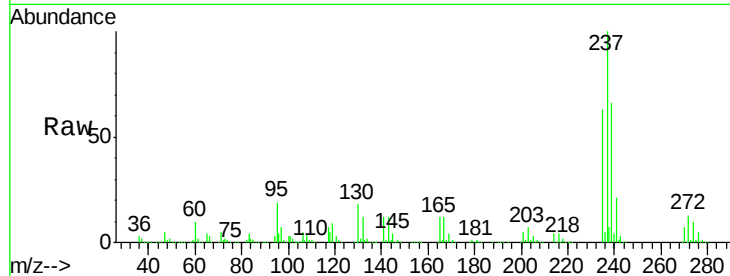
237 100

235 63.2 42.1 82.1

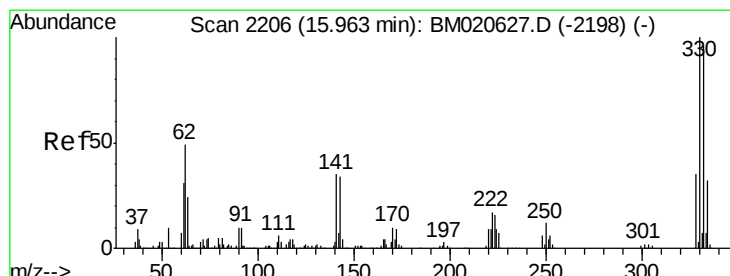
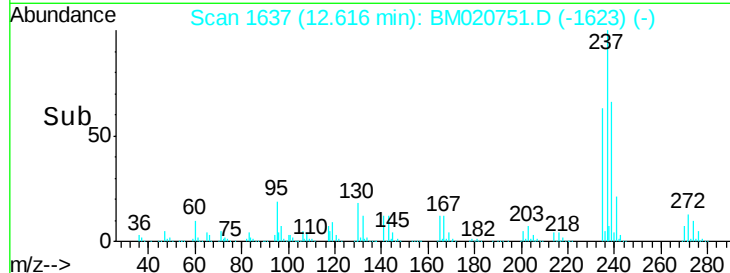
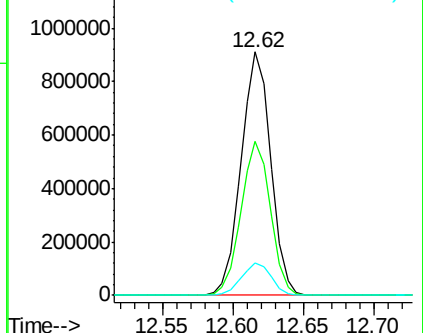
272 13.5 0.0 33.5

Manual Integrations  
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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: 147.104 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

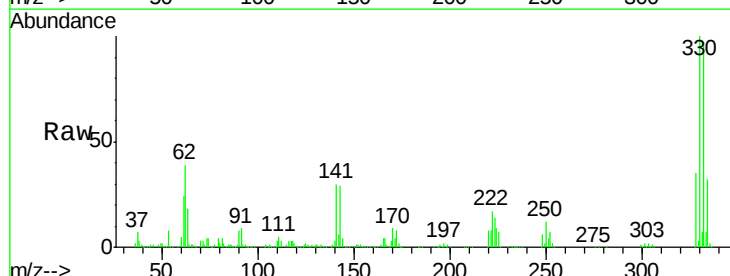
Tgt Ion:330 Resp: 1289816

Ion Ratio Lower Upper

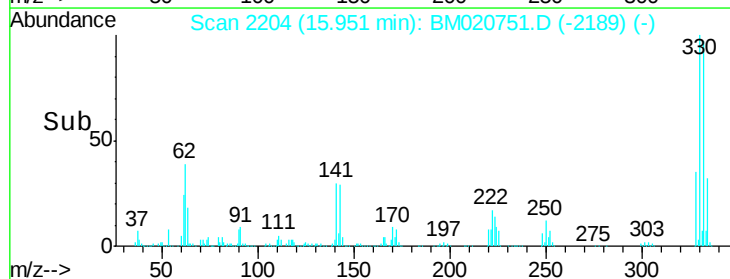
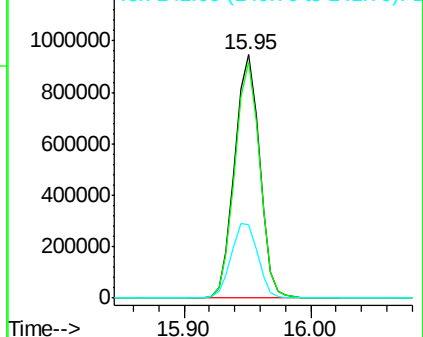
330 100

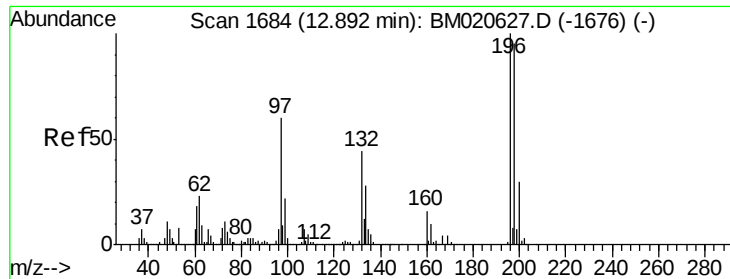
332 96.8 77.4 116.0

141 33.0 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





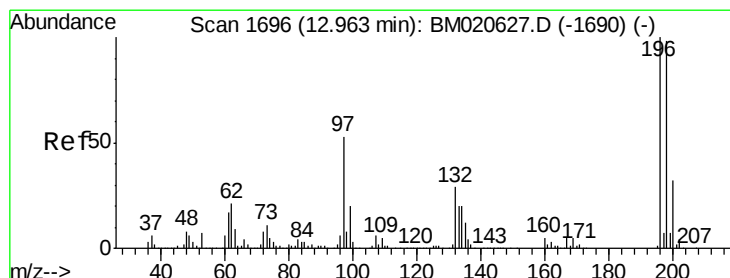
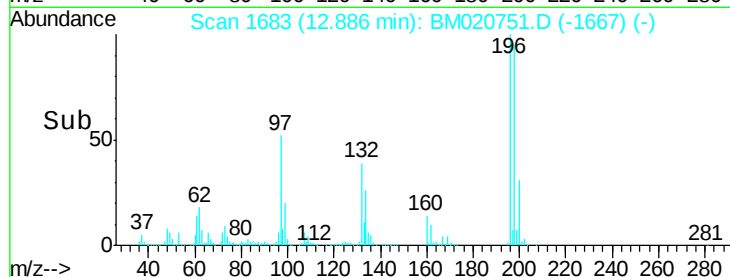
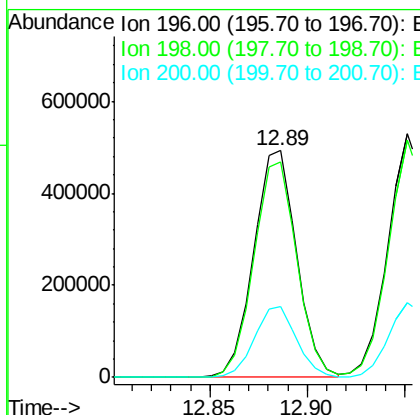
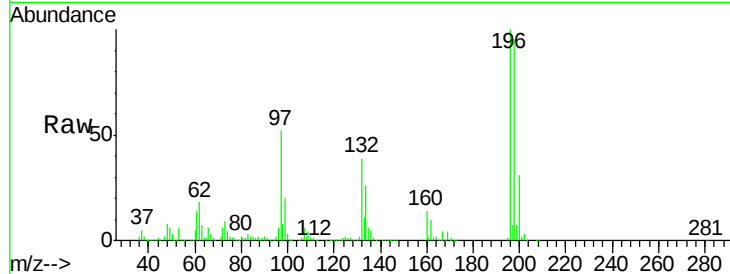
#43  
 2,4,6-Trichlorophenol  
 Concen: 50.183 ng  
 RT: 12.89 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.0  | 75.7  | 113.5 |
| 200     | 31.0  | 23.9  | 35.9  |

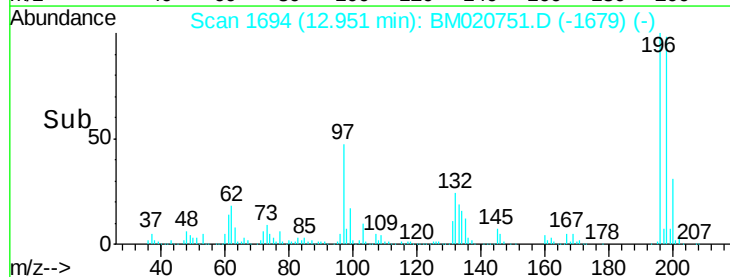
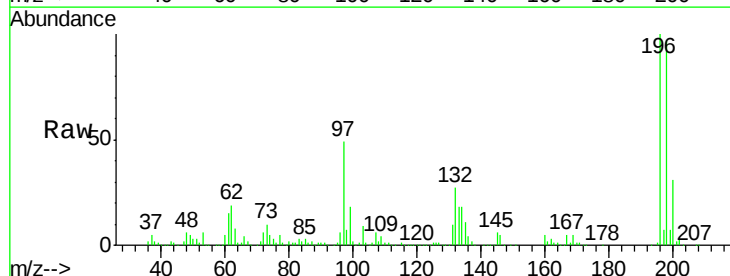
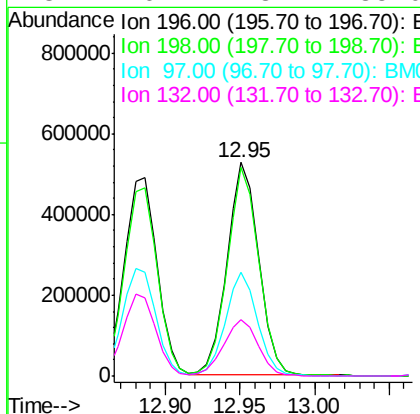
Manual Integrations  
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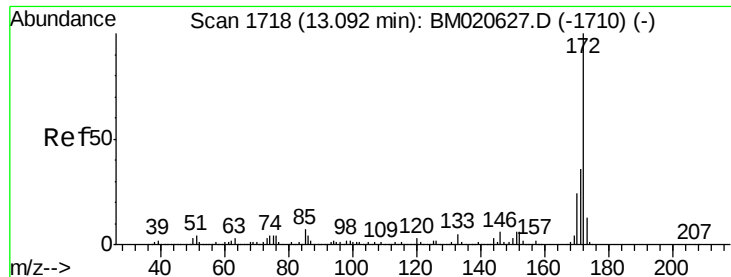
mohammad  
 6/6/2019 11:22:13 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 51.060 ng  
 RT: 12.95 min Scan# 1694  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.5  | 78.6  | 117.8 |
| 97      | 48.7  | 42.7  | 64.1  |
| 132     | 26.7  | 23.4  | 35.0  |





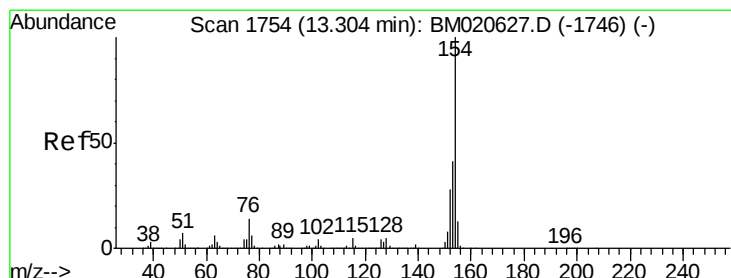
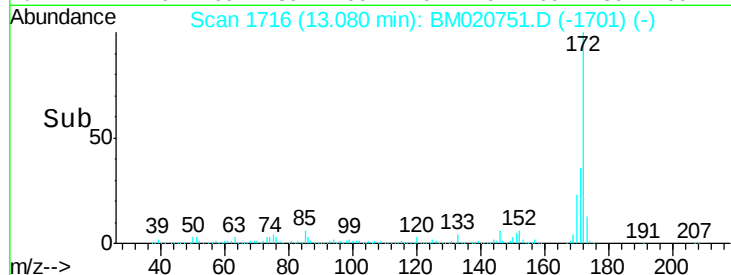
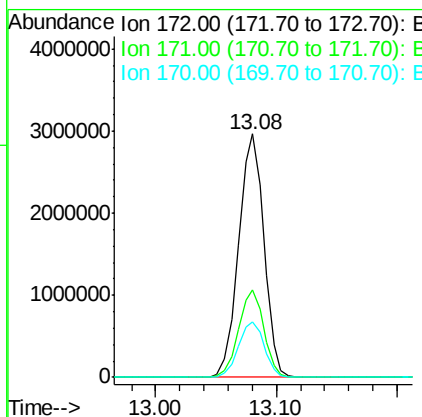
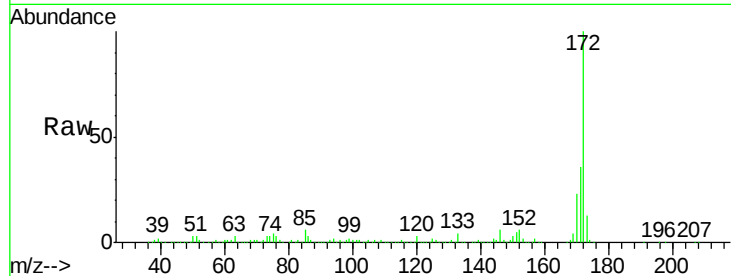
#45  
2-Fluorobiphenyl  
Concen: 81.336 ng  
RT: 13.08 min Scan# 1716  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 28.6  | 43.0  |
| 170     | 23.0  | 18.9  | 28.3  |

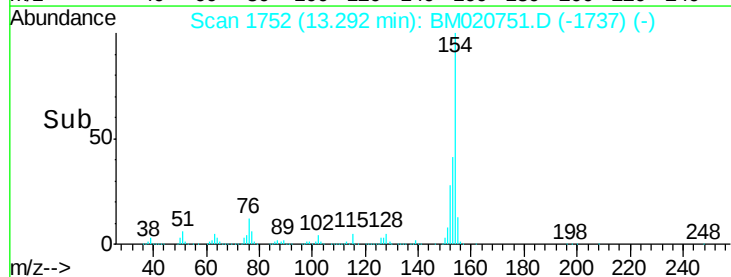
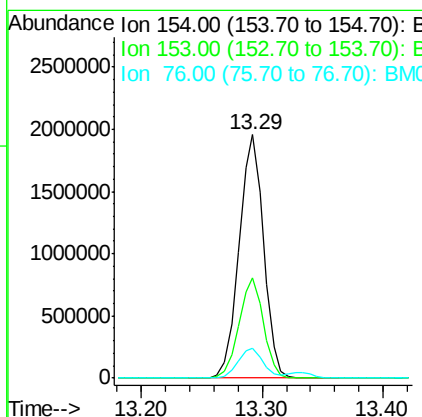
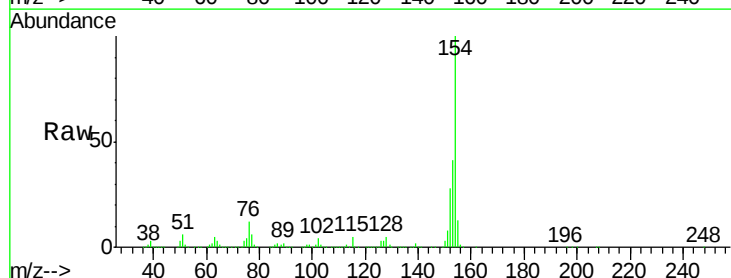
Manual Integrations  
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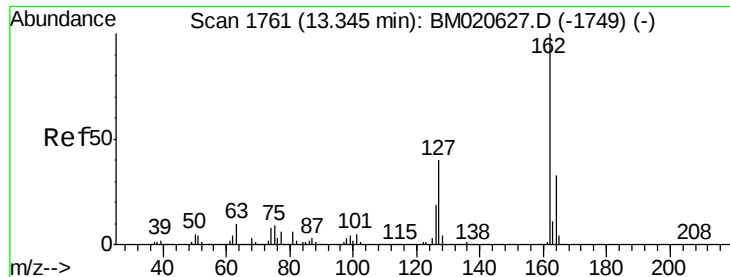
mohammad  
6/6/2019 11:22:13 AM



#46  
1,1'-Biphenyl  
Concen: 46.751 ng  
RT: 13.29 min Scan# 1752  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 20.7  | 60.7  |
| 76      | 12.2  | 0.0   | 34.0  |





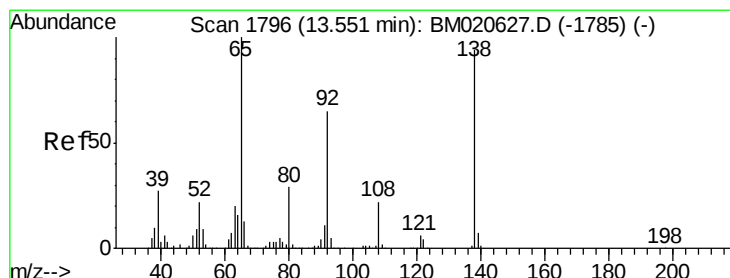
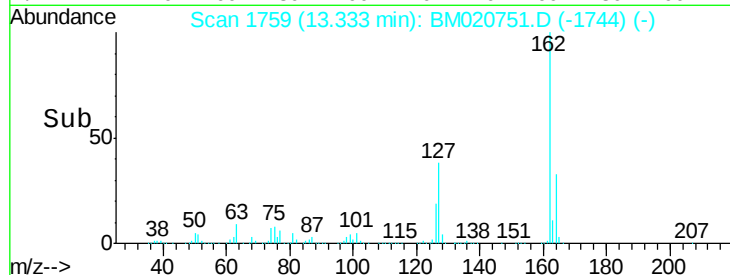
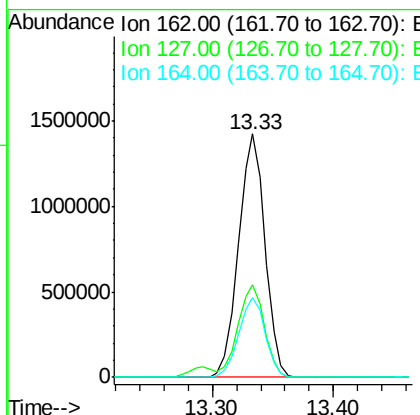
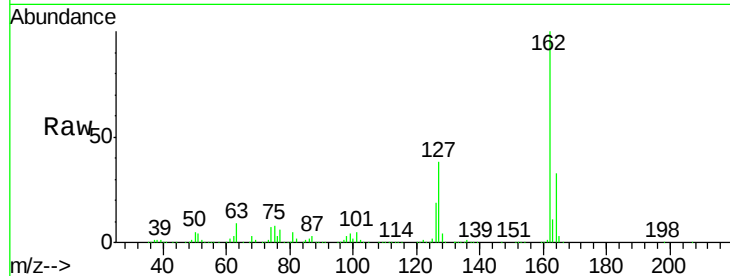
#47  
2-Chloronaphthalene  
Concen: 45.384 ng  
RT: 13.33 min Scan# 1759  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 32.1  | 48.1  |
| 164     | 32.7  | 26.6  | 39.8  |

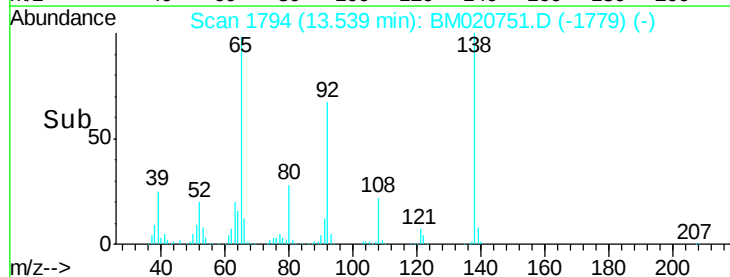
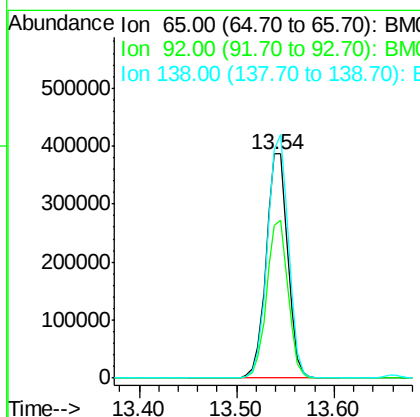
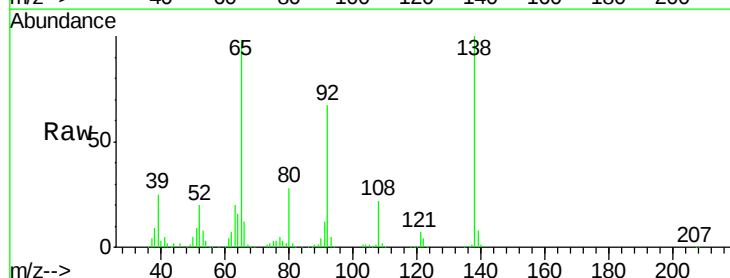
Manual Integrations  
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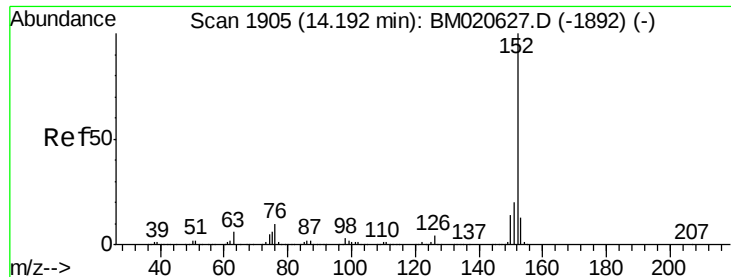
mohammad  
6/6/2019 11:22:13 AM



#48  
2-Nitroaniline  
Concen: 40.307 ng  
RT: 13.54 min Scan# 1794  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.3  | 52.2  | 78.4  |
| 138     | 101.7 | 75.4  | 113.0 |





#49

Acenaphthylene

Concen: 45.038 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:152 Resp: 3352078

Ion Ratio Lower Upper

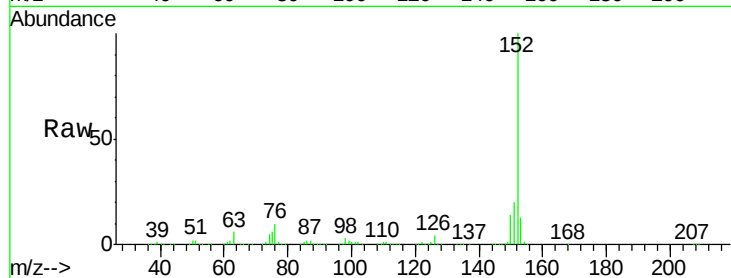
152 100

151 20.1 16.2 24.2

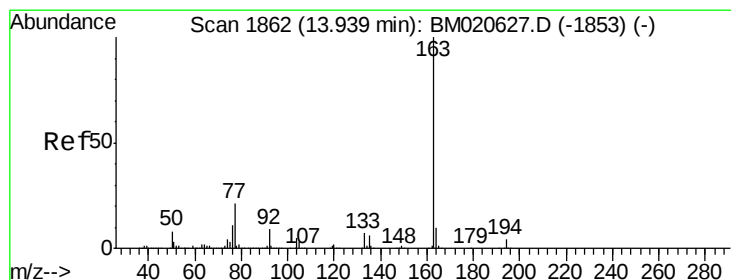
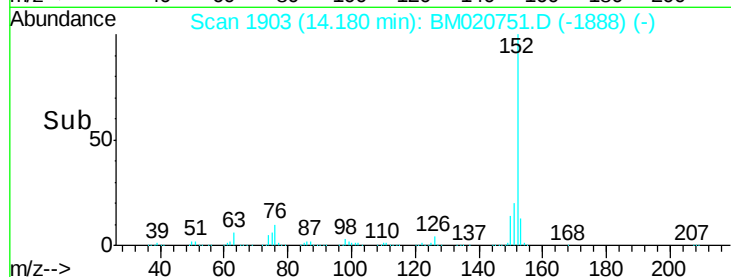
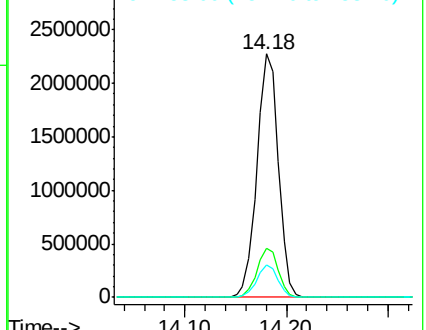
153 13.1 10.6 15.8

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.378 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

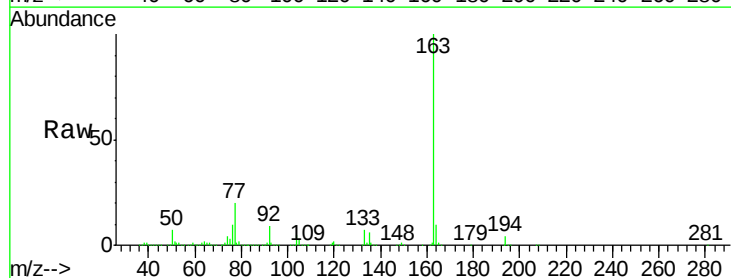
Tgt Ion:163 Resp: 3287712

Ion Ratio Lower Upper

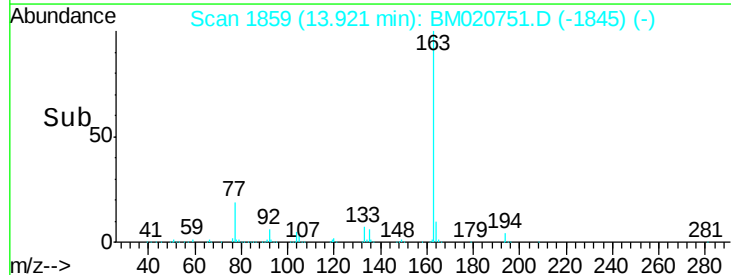
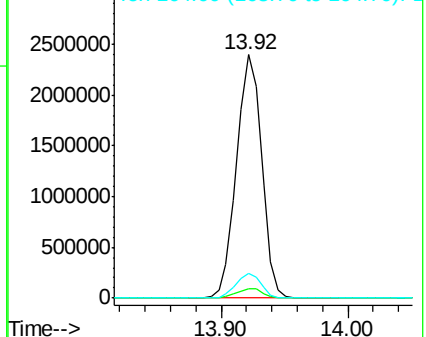
163 100

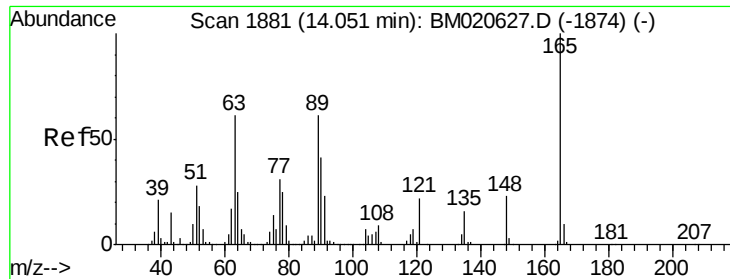
194 4.0 3.2 4.8

164 10.2 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





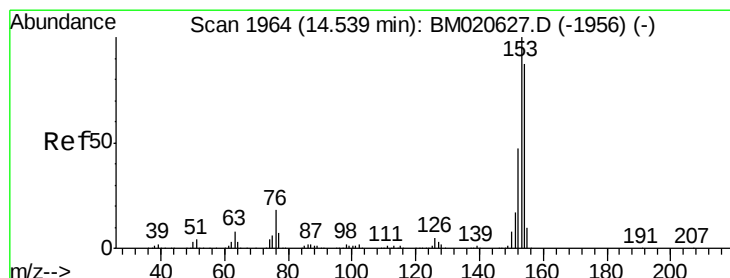
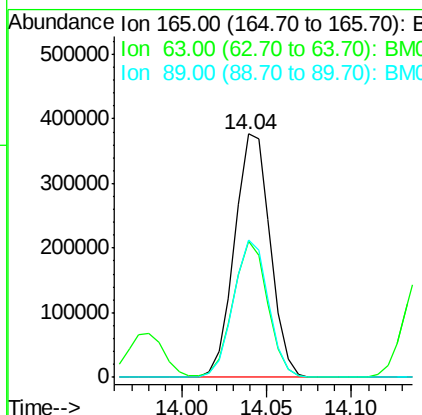
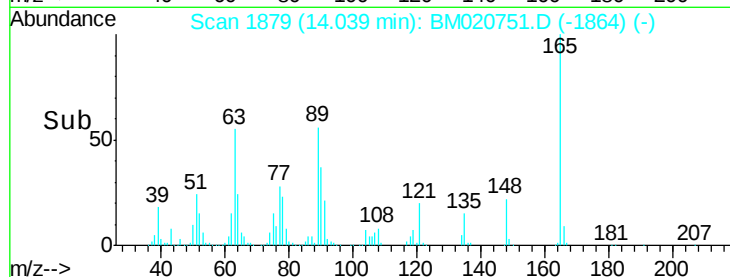
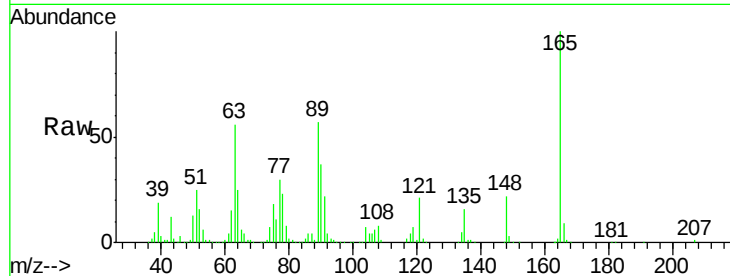
#51  
 2,6-Dinitrotoluene  
 Concen: 44.998 ng  
 RT: 14.04 min Scan# 1879  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 552411 |       |       |
| 63      | 56.0  |        | 50.4  | 75.6  |
| 89      | 56.6  |        | 49.1  | 73.7  |

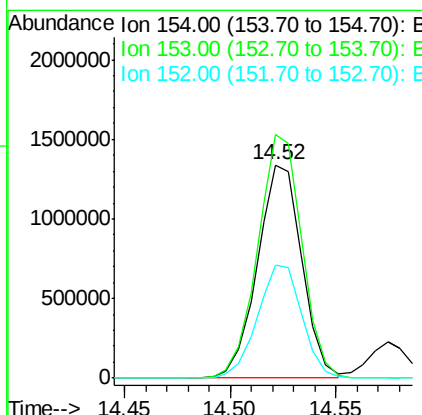
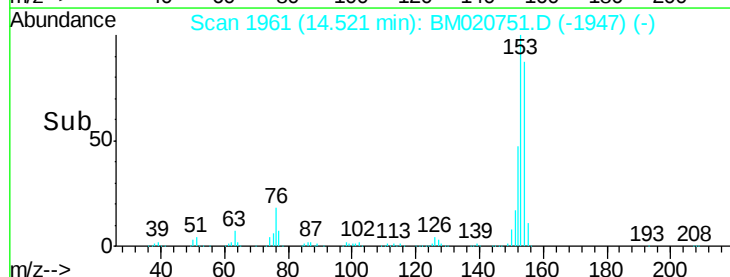
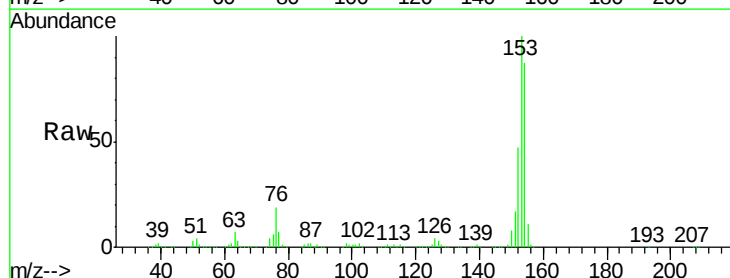
Manual Integrations  
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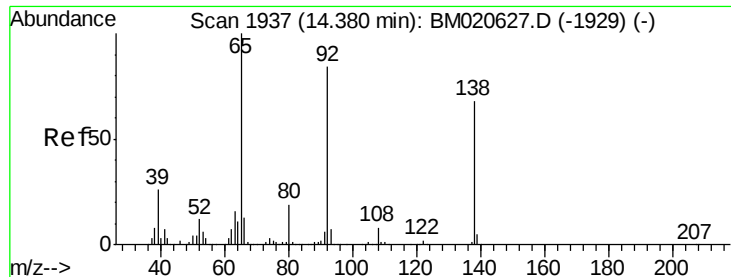
mohammad  
 6/6/2019 11:22:13 AM



#52  
 Acenaphthene  
 Concen: 44.023 ng  
 RT: 14.52 min Scan# 1961  
 Delta R.T. -0.02 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1952636 |       |       |
| 153     | 114.4 |         | 92.4  | 138.6 |
| 152     | 53.4  |         | 43.4  | 65.0  |





#53

3-Nitroaniline

Concen: 14.100 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

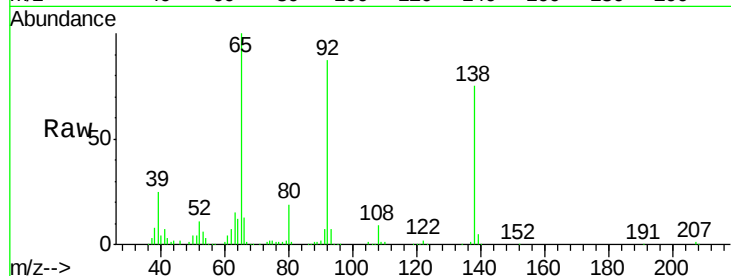
ClientSampleId :

FK-BPM-03-008-ABCDMS

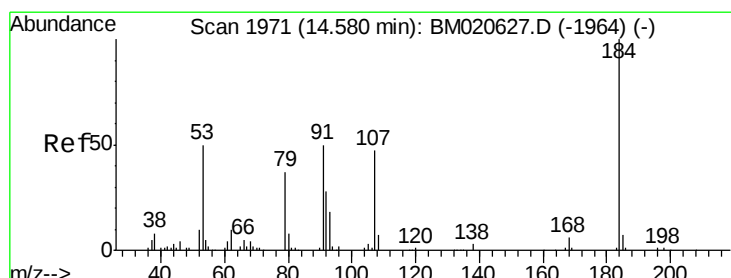
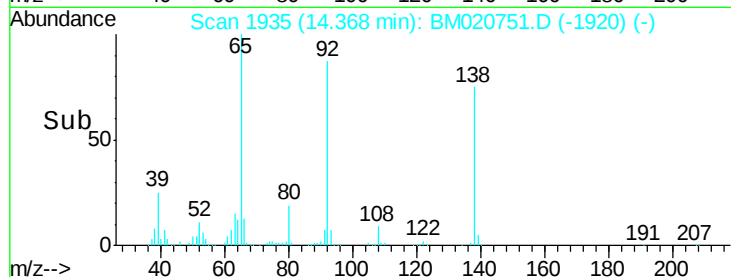
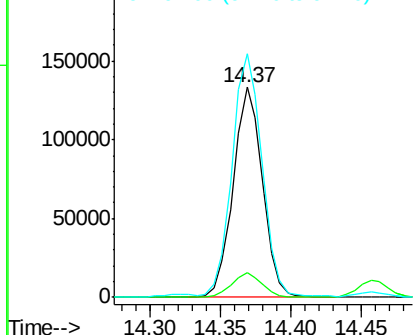
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 193210 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.5  | 9.5   | 14.3   |
| 92        | 115.9 | 99.6  | 149.4  |

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



#54

2,4-Dinitrophenol

Concen: 84.192 ng

RT: 14.57 min Scan# 1970

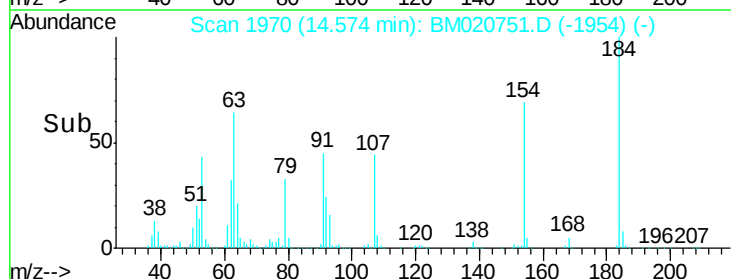
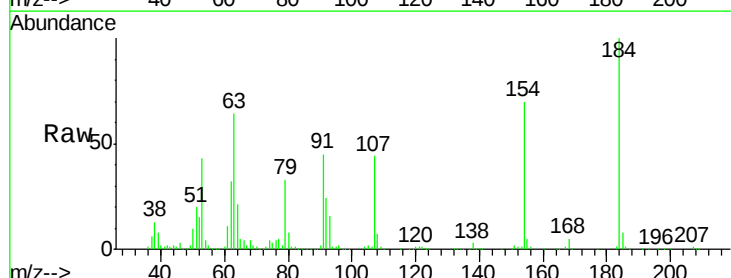
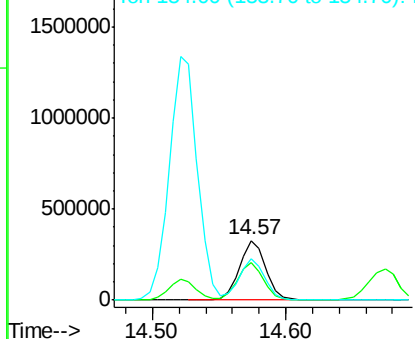
Delta R.T. -0.01 min

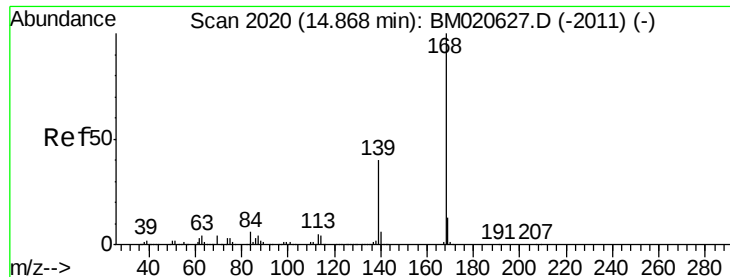
Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 446859 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 63        | 63.7  | 59.3  | 88.9   |
| 154       | 69.5  | 56.5  | 84.7   |

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





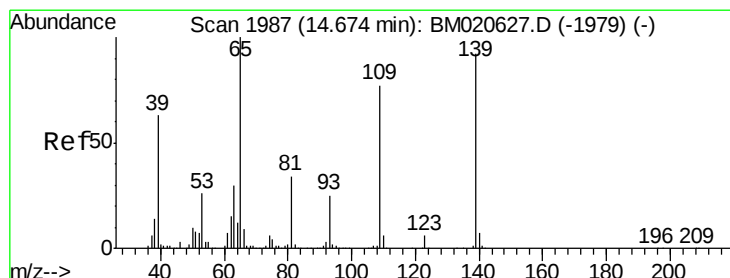
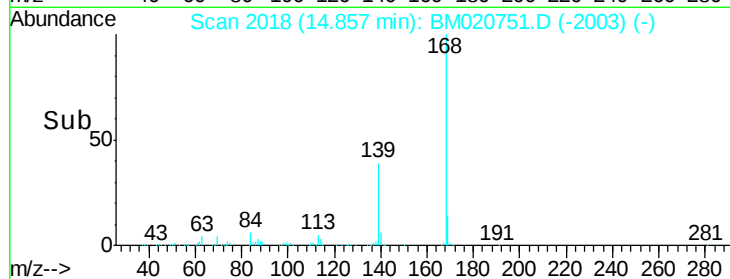
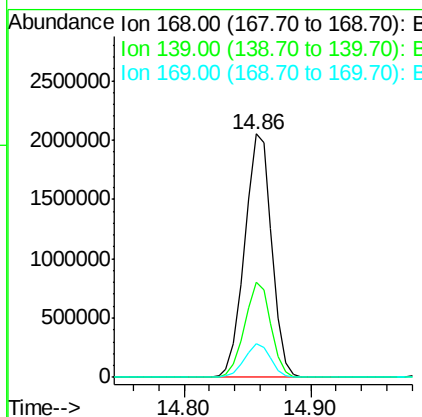
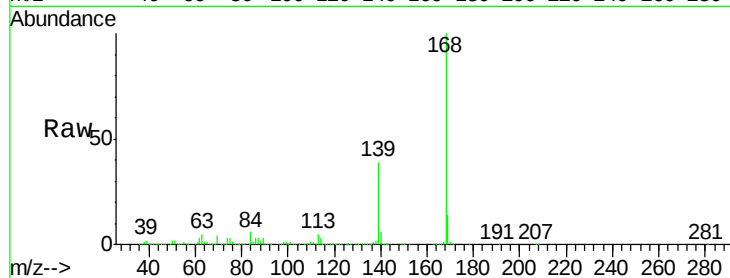
#55  
Dibenzenofuran  
Concen: 43.909 ng  
RT: 14.86 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.1  | 31.9  | 47.9  |
| 169     | 13.6  | 10.7  | 16.1  |

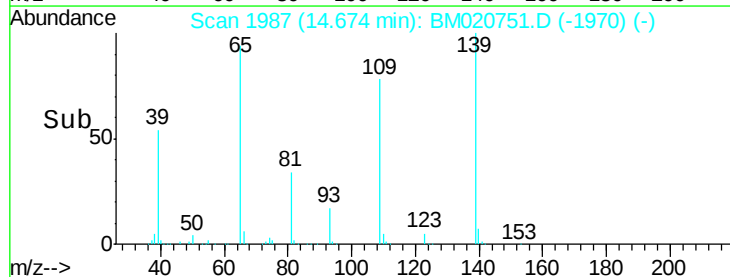
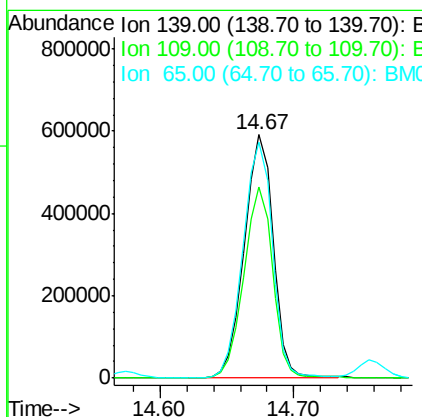
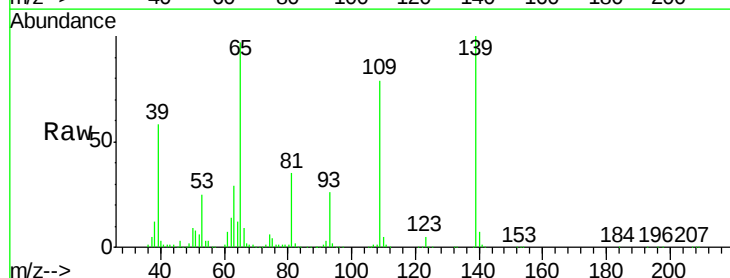
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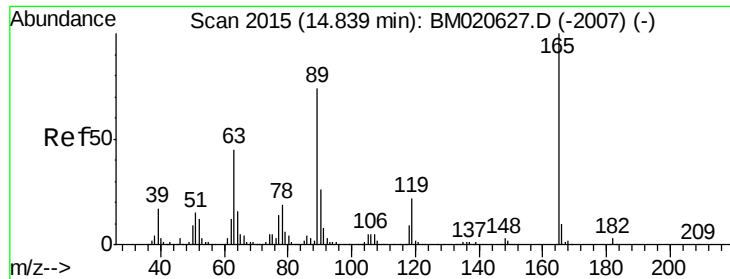
mohammad  
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#56  
4-Nitrophenol  
Concen: 87.894 ng  
RT: 14.67 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 78.6  | 62.7  | 102.7 |
| 65      | 96.9  | 88.3  | 128.3 |





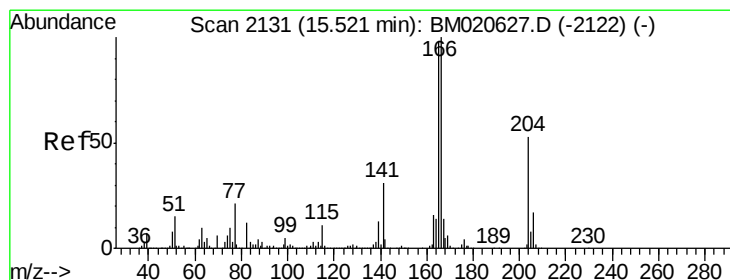
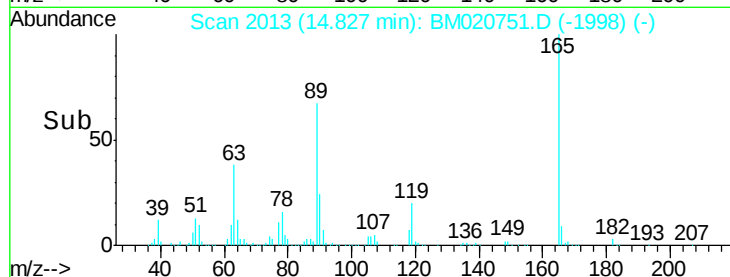
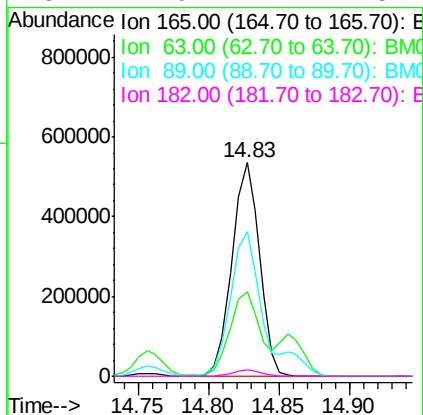
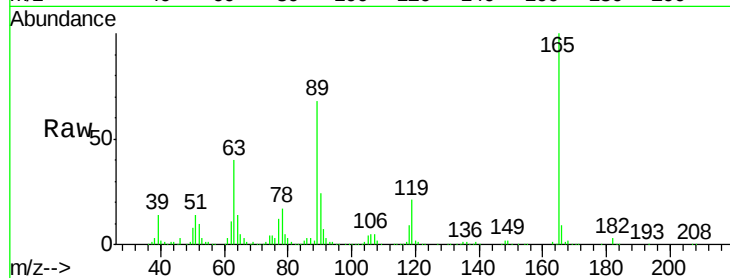
#57  
2,4-Dinitrotoluene  
Concen: 44.339 ng  
RT: 14.83 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 728822 |       |       |
| 63      | 39.8  |        | 36.3  | 54.5  |
| 89      | 67.6  |        | 59.0  | 88.6  |
| 182     | 2.9   |        | 2.2   | 3.4   |

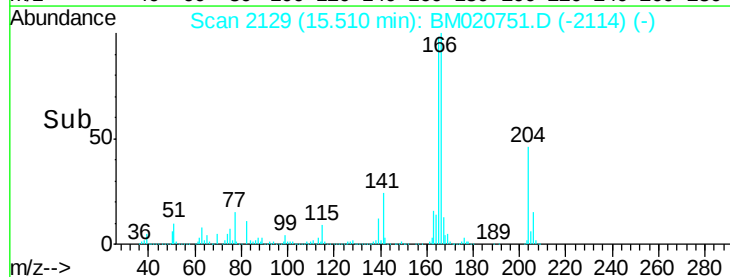
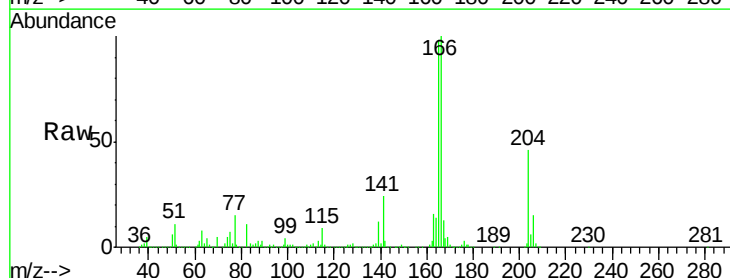
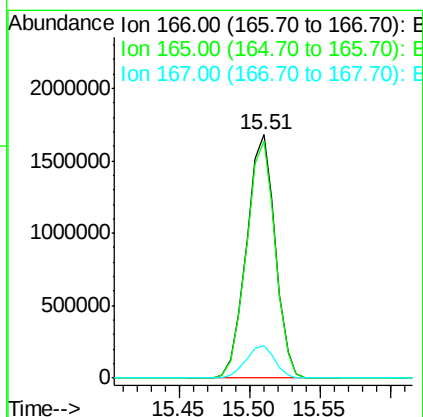
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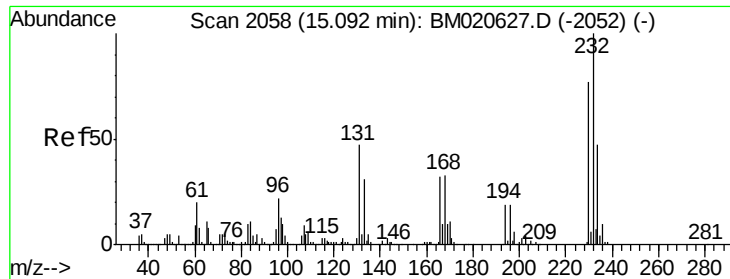
mohammad  
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#58  
Fluorene  
Concen: 42.293 ng  
RT: 15.51 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 2395957 |       |       |
| 165     | 97.6  |         | 78.6  | 117.8 |
| 167     | 13.3  |         | 11.0  | 16.4  |





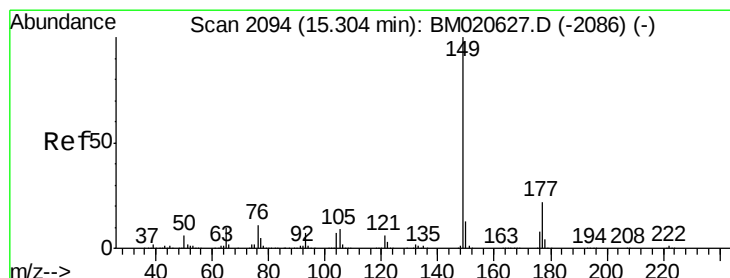
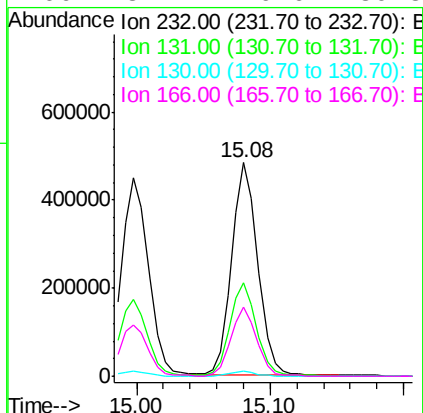
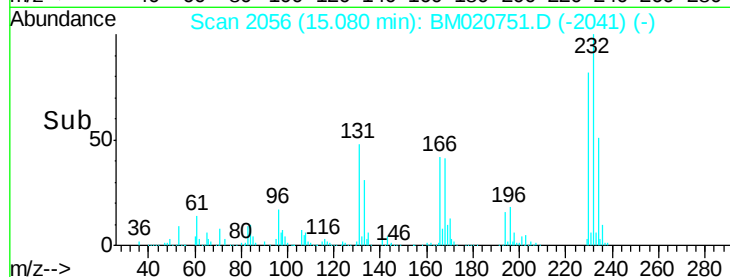
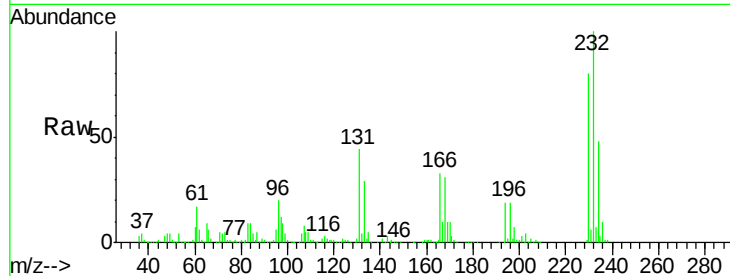
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.174 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.5  | 38.6  | 57.8  |
| 130     | 2.5   | 2.2   | 3.2   |
| 166     | 32.1  | 26.6  | 39.8  |

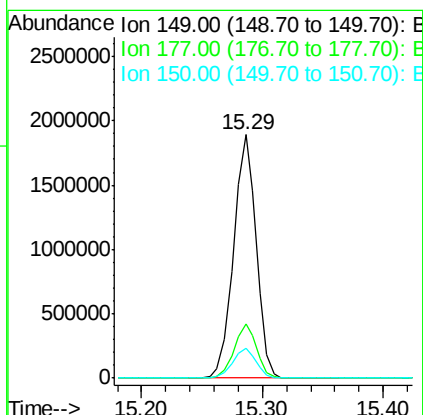
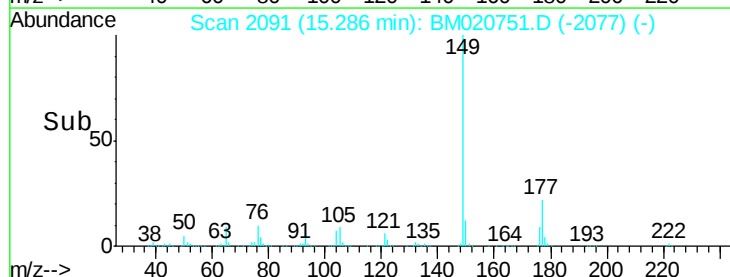
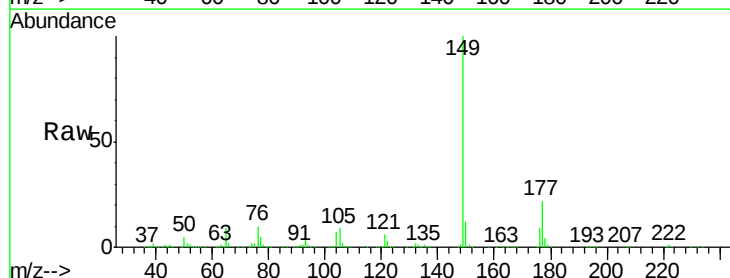
Manual Integrations  
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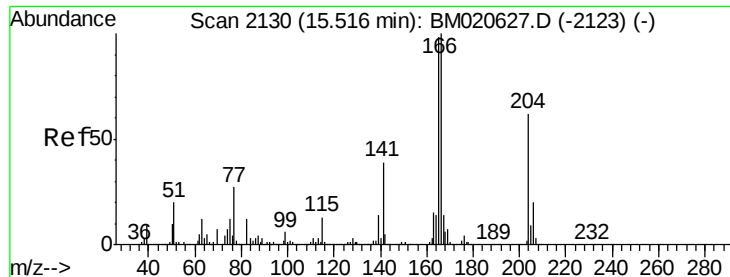
mohammad  
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#60  
 Diethylphthalate  
 Concen: 39.295 ng  
 RT: 15.29 min Scan# 2091  
 Delta R.T. -0.02 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.1  | 17.2  | 25.8  |
| 150     | 12.3  | 10.1  | 15.1  |





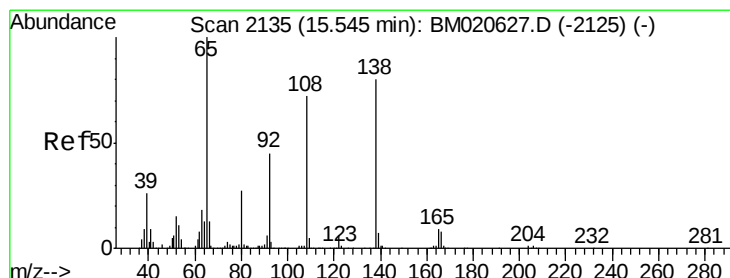
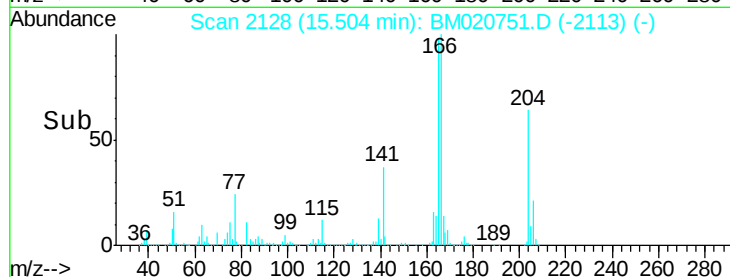
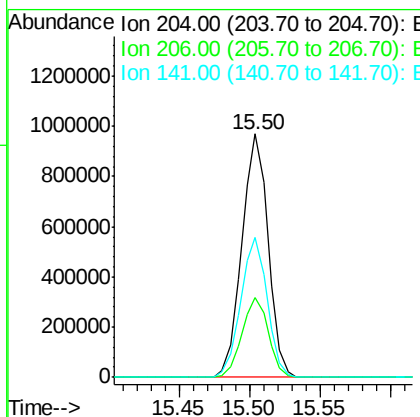
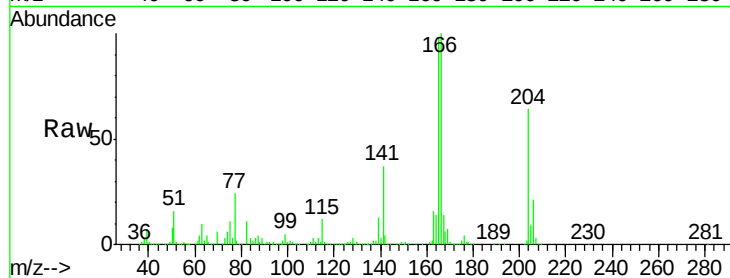
#61  
4-Chlorophenyl-phenylether  
Concen: 41.998 ng  
RT: 15.50 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

Tot Ion:204 Resp: 1259732  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.8 38.8  
141 57.7 50.2 75.4

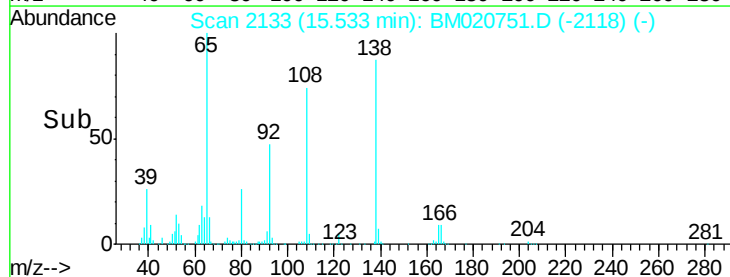
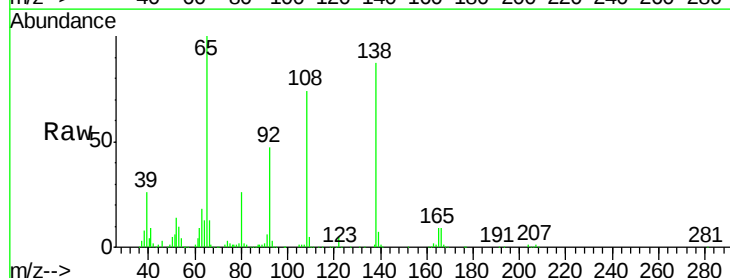
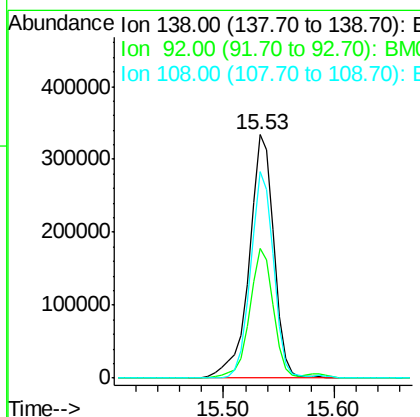
Manual Integrations  
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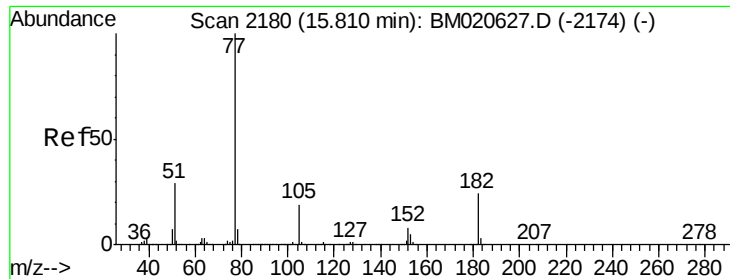
mohammad  
6/6/2019 11:22:13 AM



#62  
4-Nitroaniline  
Concen: 36.194 ng  
RT: 15.53 min Scan# 2133  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Tgt Ion:138 Resp: 525988  
Ion Ratio Lower Upper  
138 100  
92 53.2 36.7 76.7  
108 84.6 70.3 110.3





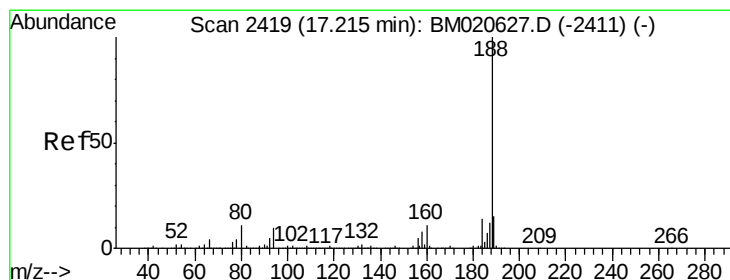
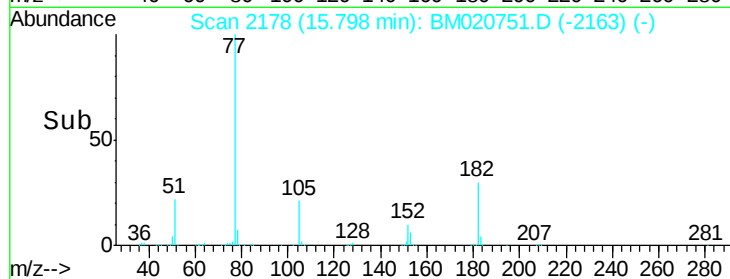
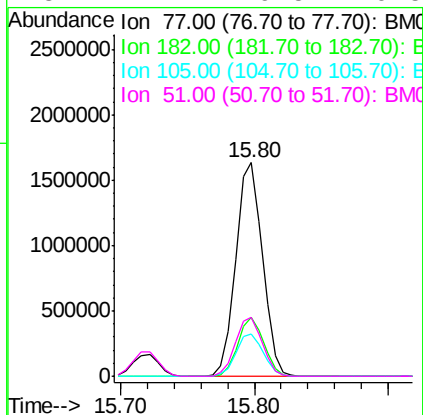
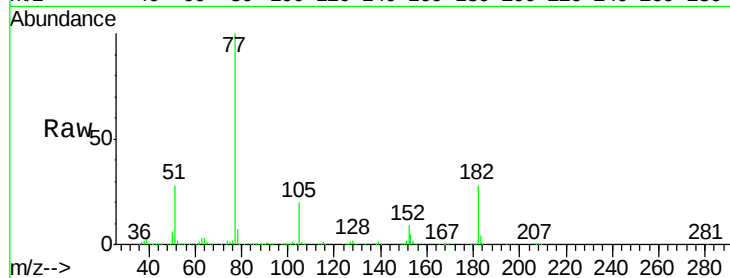
#63  
Azobenzene  
Concen: 37.855 ng  
RT: 15.80 min Scan# 2178  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.8  | 3.6   | 43.6  |
| 105     | 20.0  | 0.0   | 39.4  |
| 51      | 27.7  | 9.5   | 49.5  |

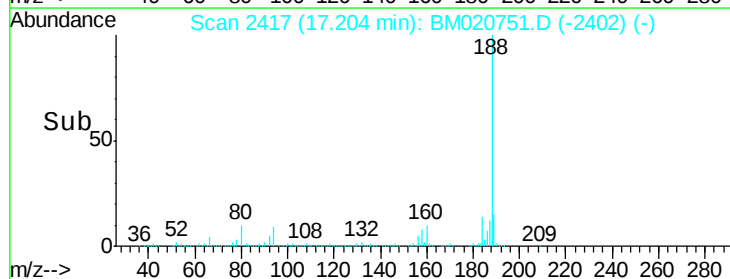
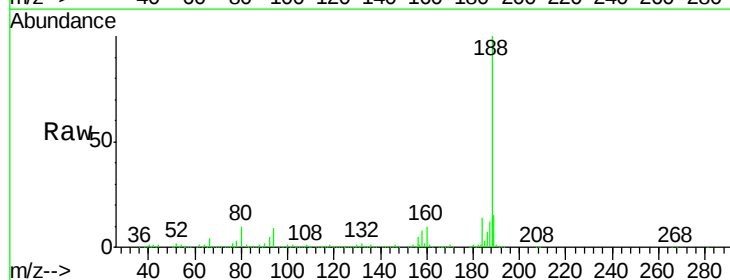
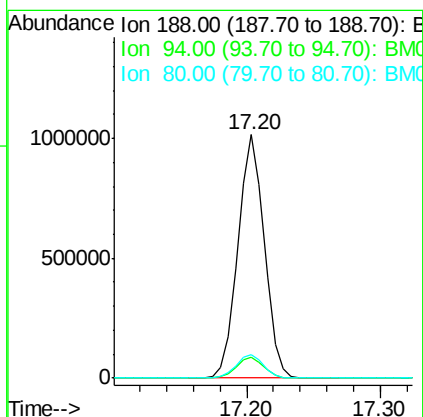
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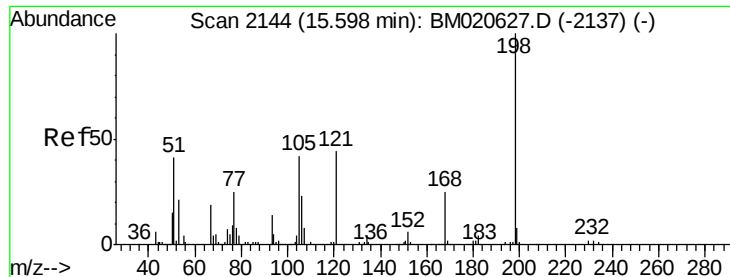
mohammad  
6/6/2019 11:22:13 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.20 min Scan# 2417  
Delta R.T. -0.01 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 7.8   | 11.8  |
| 80      | 9.8   | 9.0   | 13.6  |





#65

4,6-Dinitro-2-methylphenol

Concen: 46.002 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:198 Resp: 287366

Ion Ratio Lower Upper

198 100

51 41.8 27.7 67.7

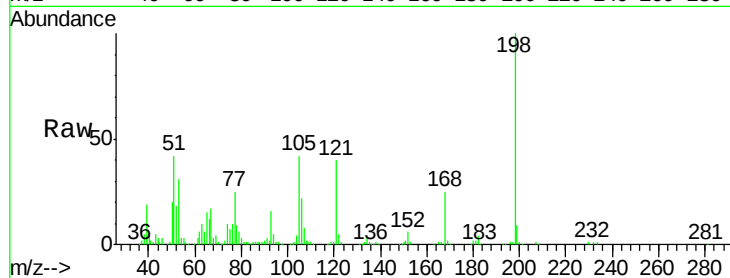
105 42.1 23.8 63.8

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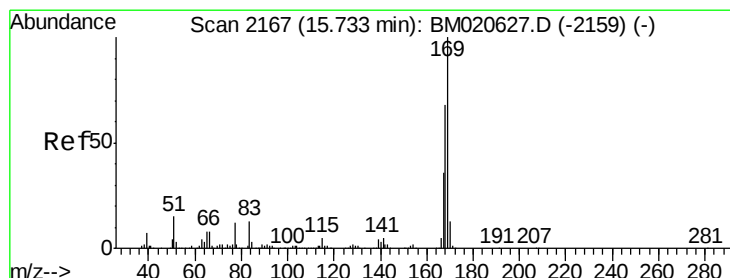
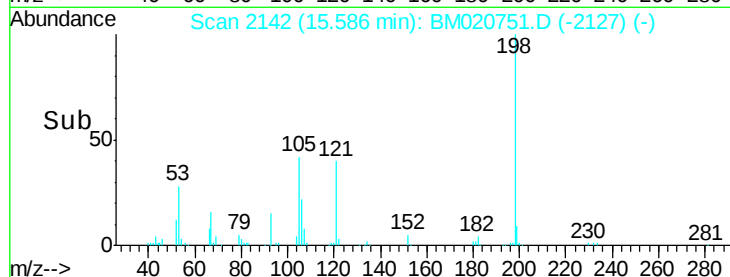
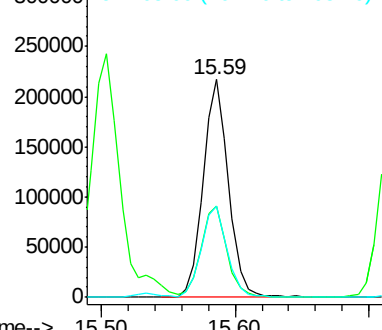
6/6/2019 11:22:13 AM



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: 46.493 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

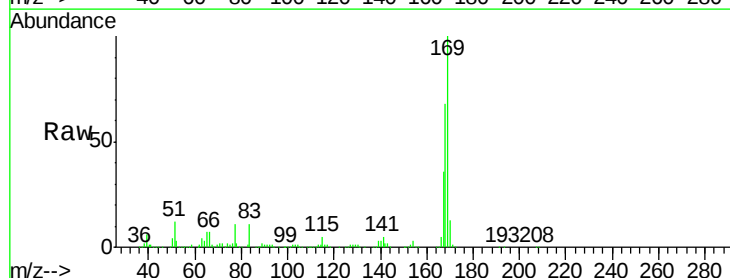
Tgt Ion:169 Resp: 2063540

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

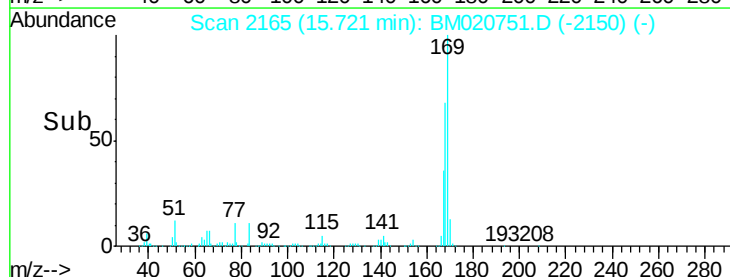
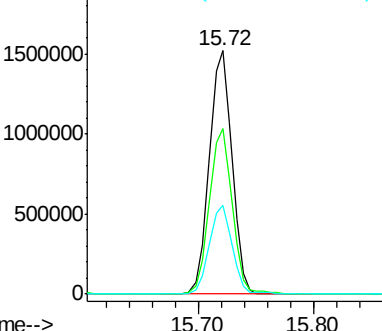
167 36.4 29.1 43.7

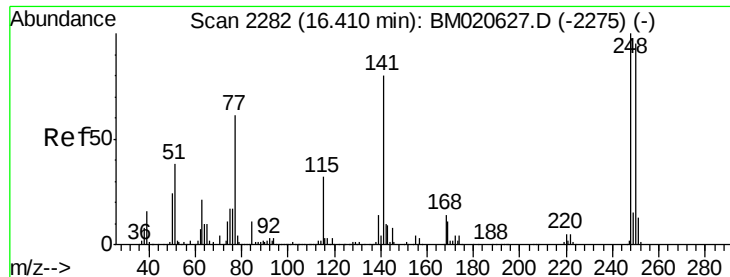


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.166 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

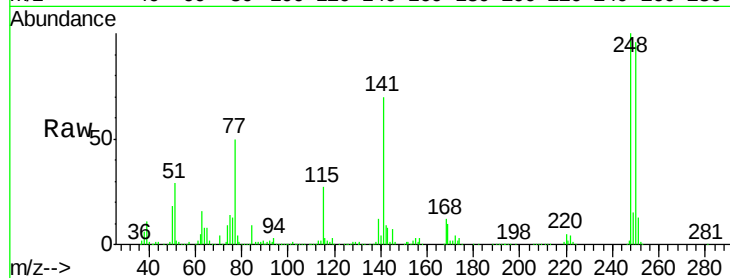
ClientSampleId :

FK-BPM-03-008-ABCDMS

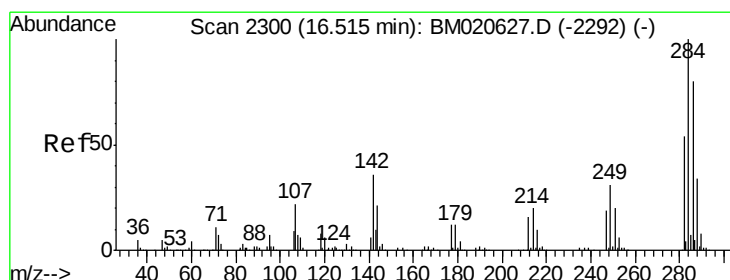
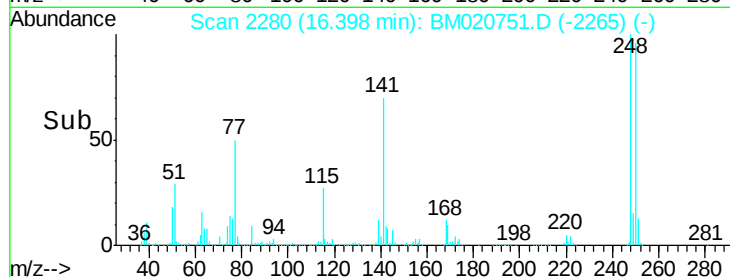
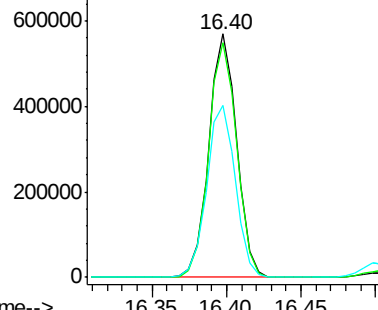
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 737294 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.3  | 76.3  | 114.5  |
| 141       | 70.4  | 64.2  | 96.2   |

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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: 44.761 ng

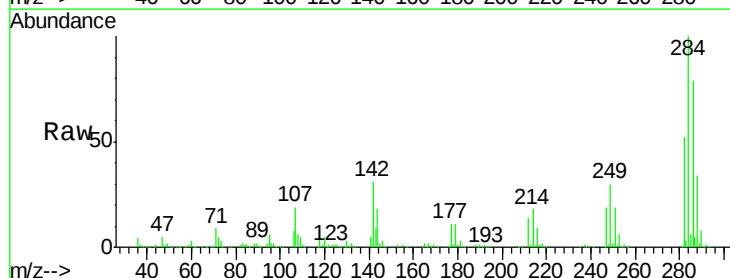
RT: 16.50 min Scan# 2298

Delta R.T. -0.01 min

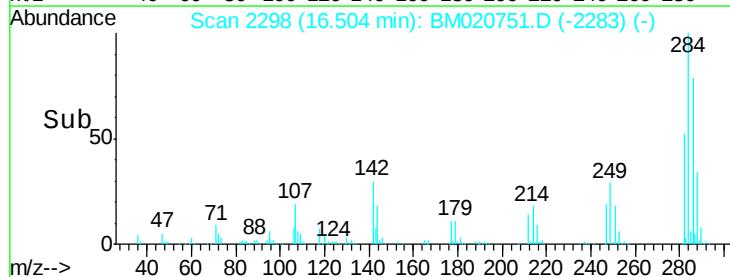
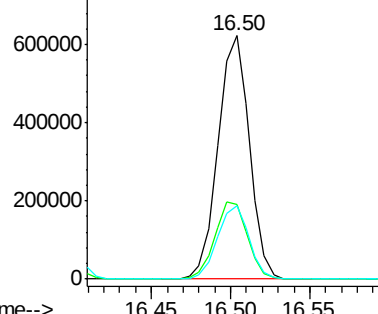
Lab File: BM020751.D

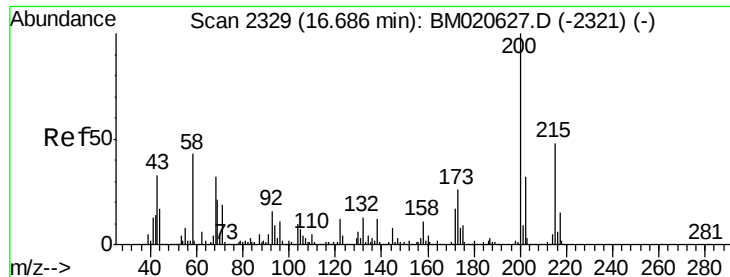
Acq: 06 Jun 2019 00:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 853231 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 30.8  | 28.6  | 42.8   |
| 249       | 30.1  | 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: 48.901 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

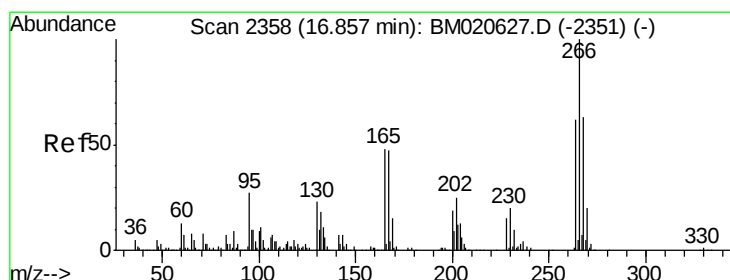
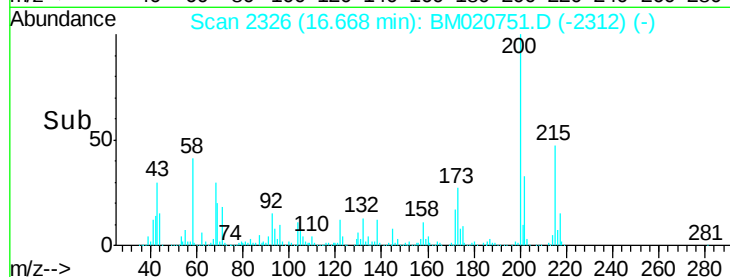
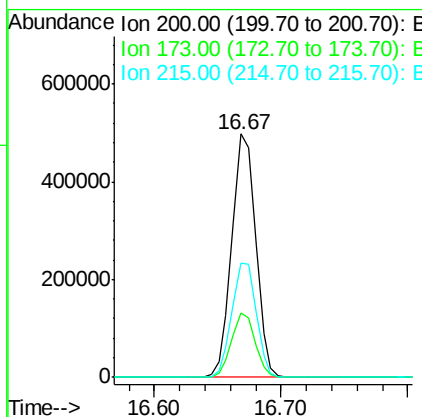
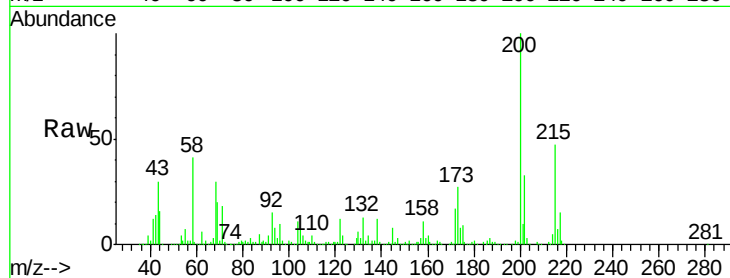
ClientSampleId :

FK-BPM-03-008-ABCDMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 647769 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.6  | 6.2   | 46.2   |
| 215       | 46.9  | 27.7  | 67.7   |

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#70

Pentachlorophenol

Concen: 108.570 ng

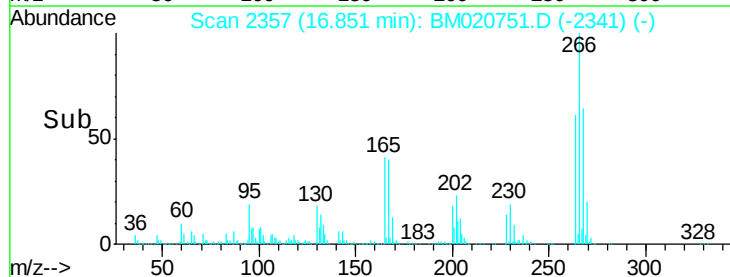
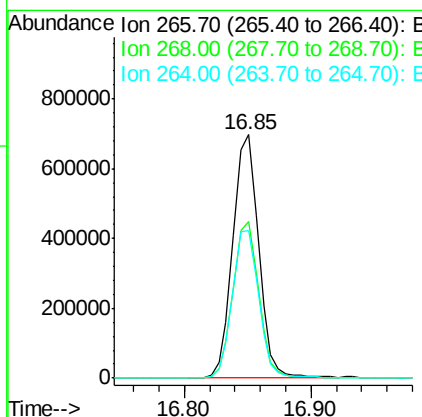
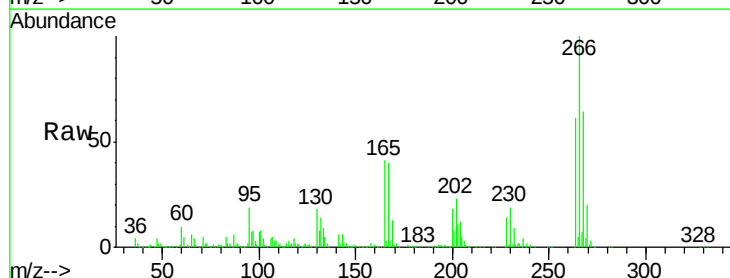
RT: 16.85 min Scan# 2357

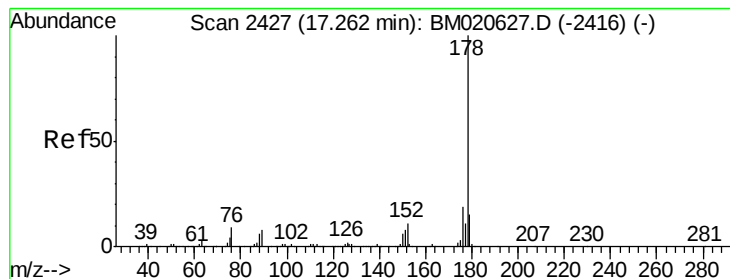
Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 987310 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 64.2  | 50.6  | 75.8   |
| 264       | 60.8  | 49.6  | 74.4   |





#71

Phenanthrene

Concen: 43.488 ng

RT: 17.24 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:178 Resp: 3417669

Ion Ratio Lower Upper

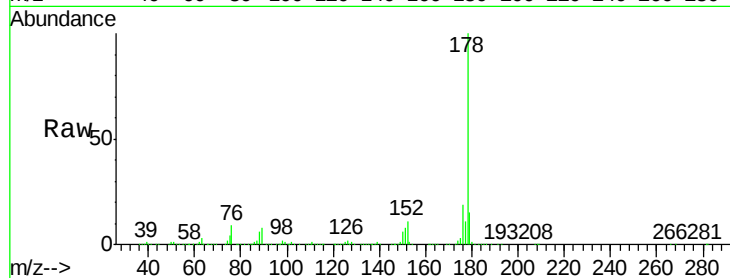
178 100

176 19.0 15.5 23.3

179 15.3 12.2 18.4

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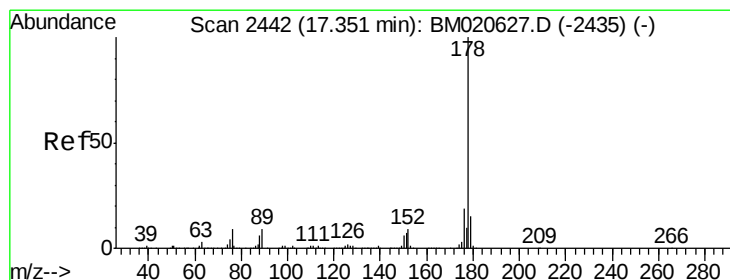
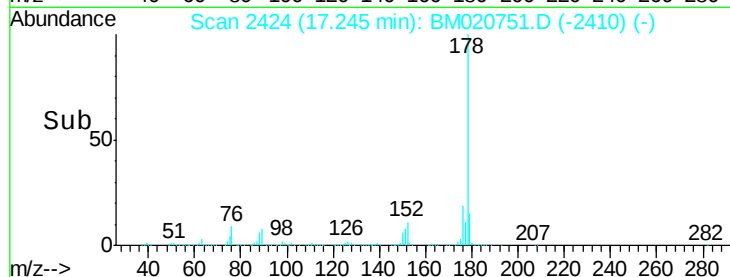
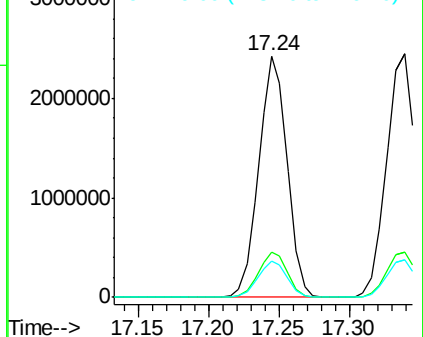
mohammad  
6/6/2019 11:22:13 AM



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: 44.357 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

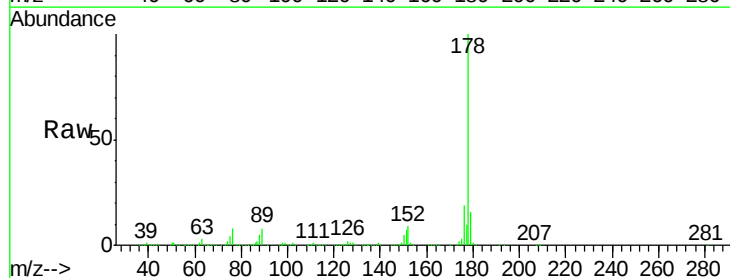
Tgt Ion:178 Resp: 3489046

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

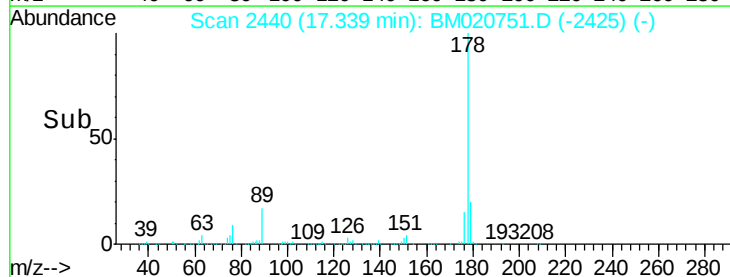
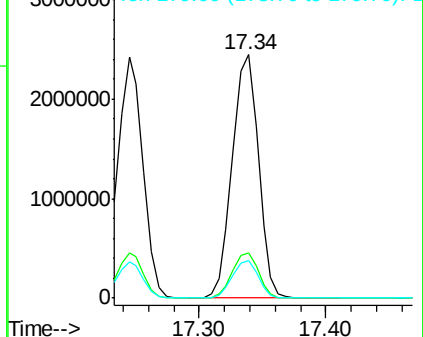
179 15.7 12.3 18.5

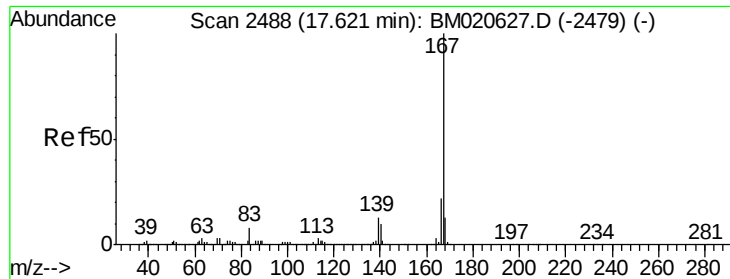


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





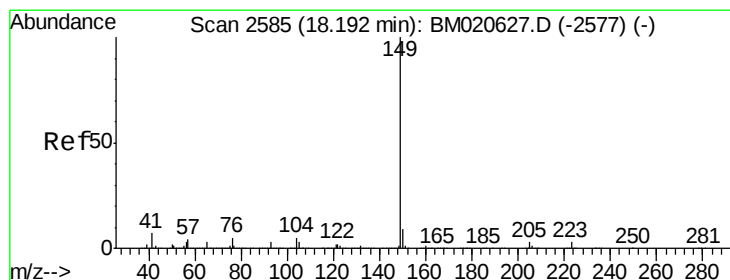
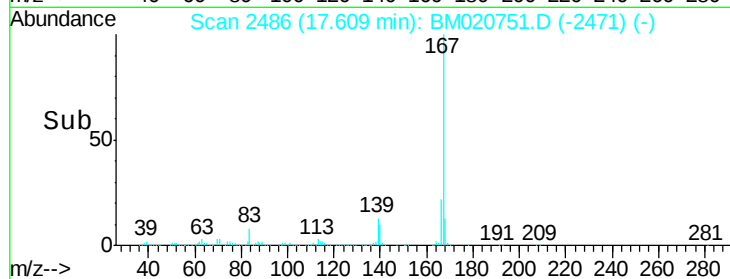
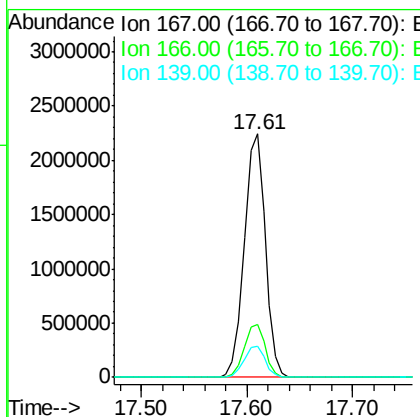
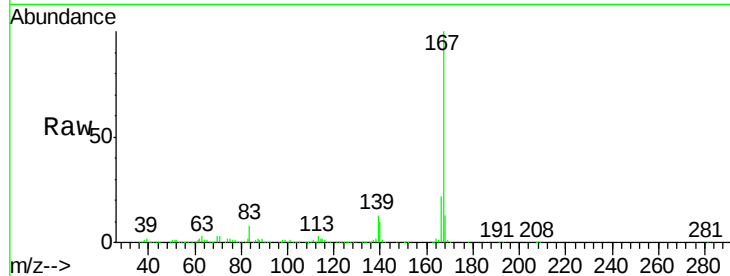
#73  
 Carbazole  
 Concen: 43.309 ng  
 RT: 17.61 min Scan# 2486  
 Delta R.T. -0.01 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.5  | 26.3  |
| 139     | 12.7  | 10.6  | 15.8  |

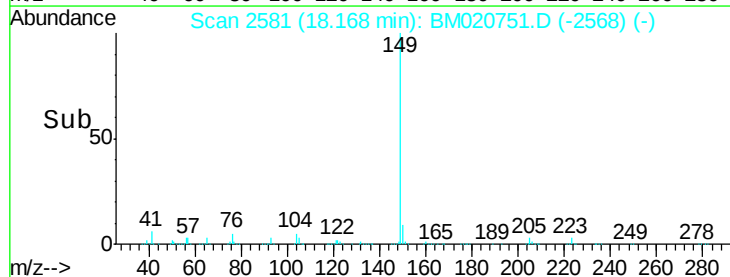
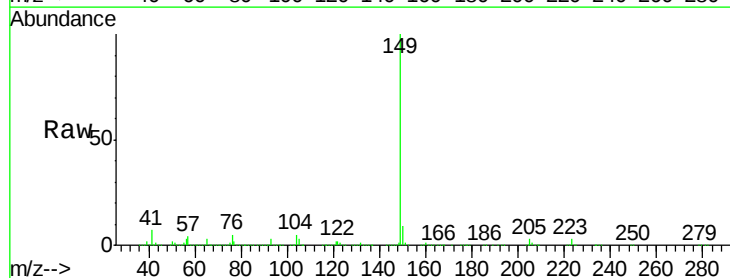
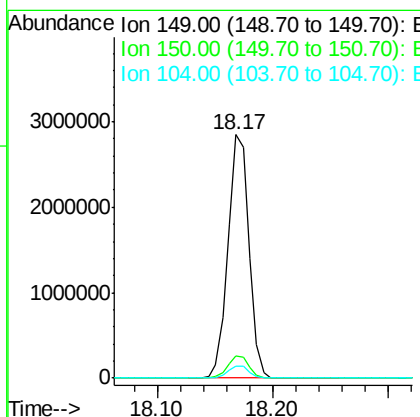
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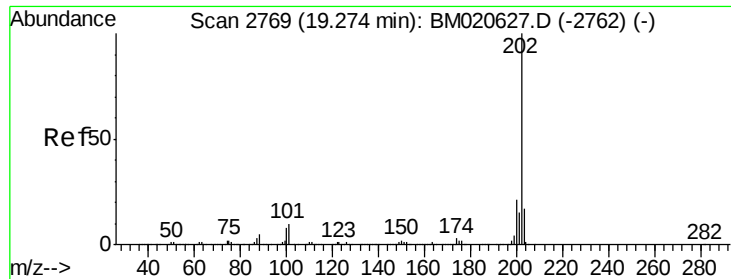
mohammad  
 6/6/2019 11:22:13 AM



#74  
 Di-n-butylphthalate  
 Concen: 38.478 ng  
 RT: 18.17 min Scan# 2581  
 Delta R.T. -0.02 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.2   | 10.8  |
| 104     | 5.1   | 4.2   | 6.2   |





#75

Fluoranthene

Concen: 41.782 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

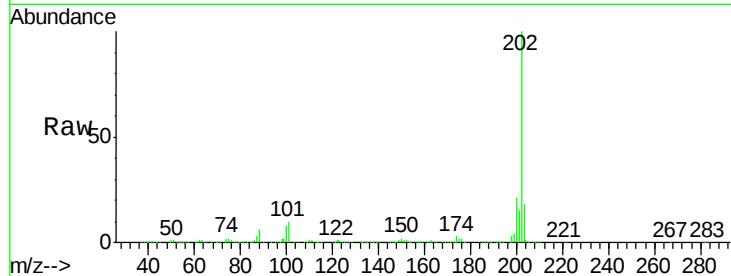
ClientSampleId :

FK-BPM-03-008-ABCDMS

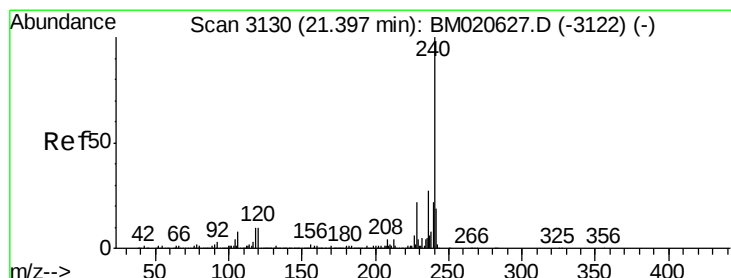
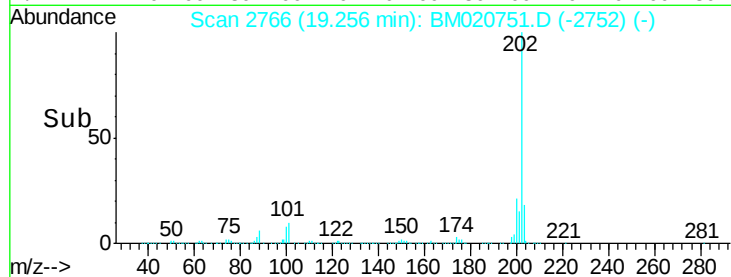
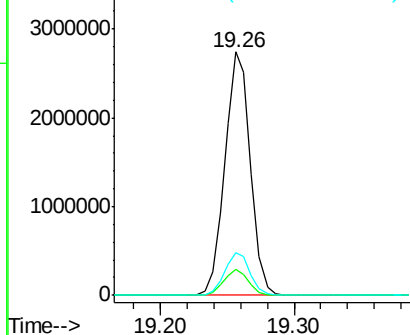
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3651642 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.5  | 0.0   | 30.4    |
| 203      | 17.5  | 0.0   | 37.3    |

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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

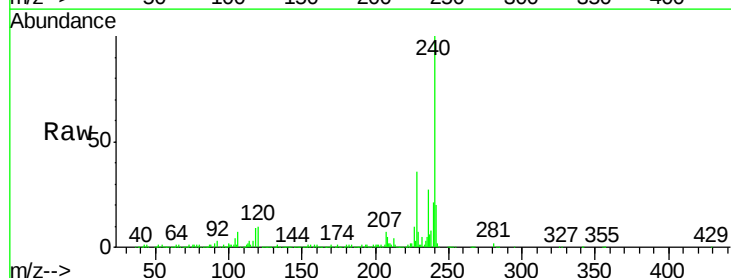
RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

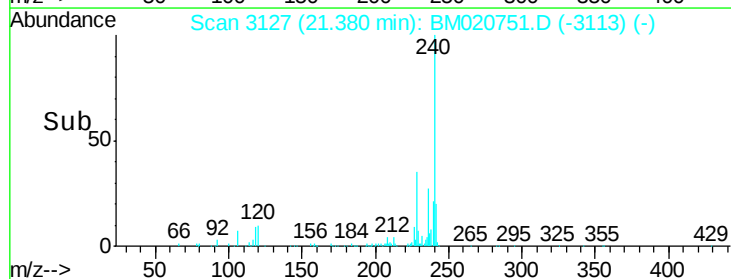
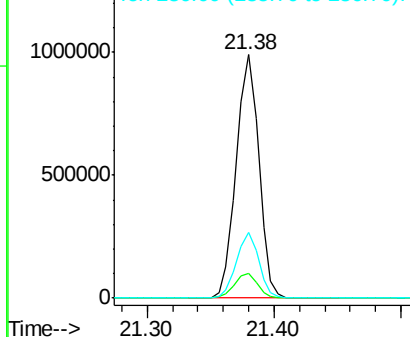
Lab File: BM020751.D

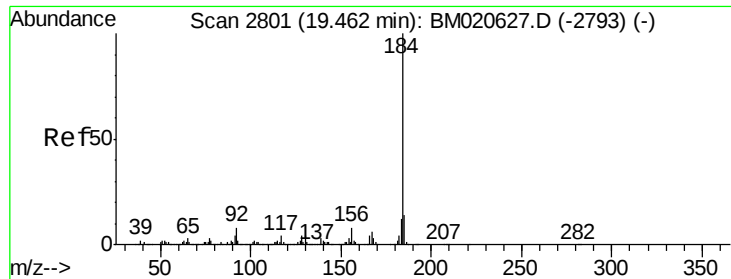
Acq: 06 Jun 2019 00:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1223380 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 10.1  | 8.2   | 12.2    |
| 236      | 26.8  | 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: 21.143 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

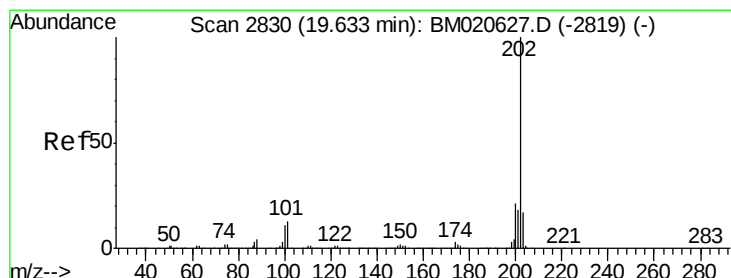
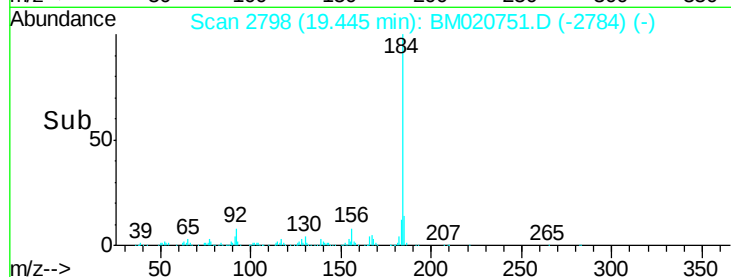
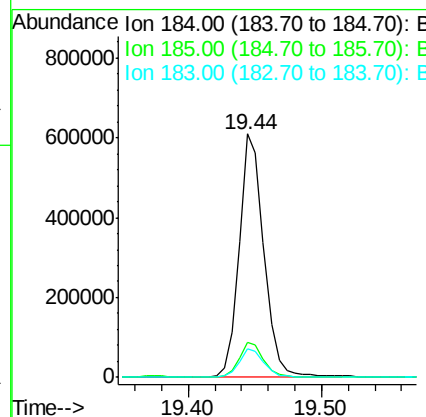
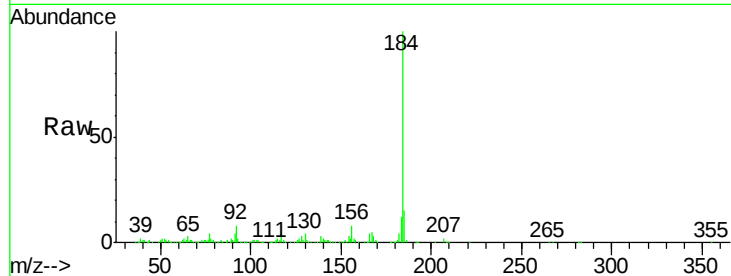
ClientSampleId :

FK-BPM-03-008-ABCDMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 783758 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.5  | 11.3  | 16.9   |
| 183       | 11.9  | 9.8   | 14.6   |

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#78

Pyrene

Concen: 39.903 ng

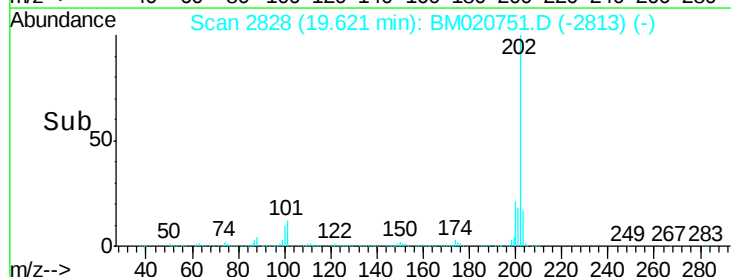
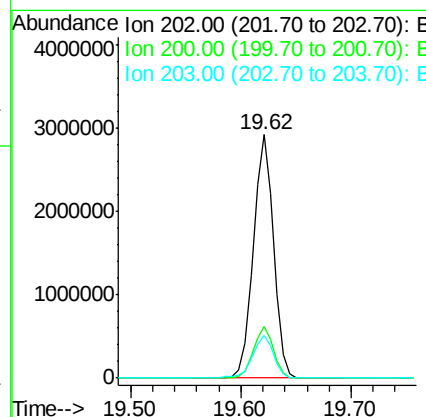
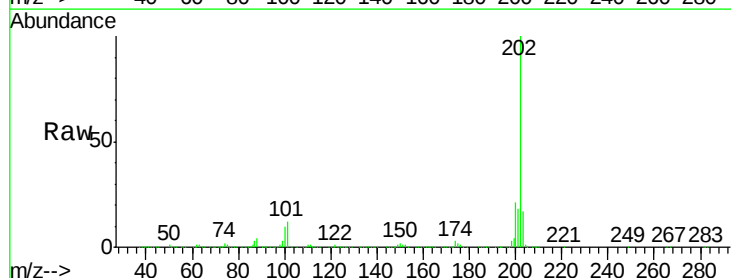
RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 3746119 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.2  | 16.8  | 25.2    |
| 203       | 17.4  | 13.9  | 20.9    |





#79

Terphenyl-d14

Concen: 71.273 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:244 Resp: 5212933

Ion Ratio Lower Upper

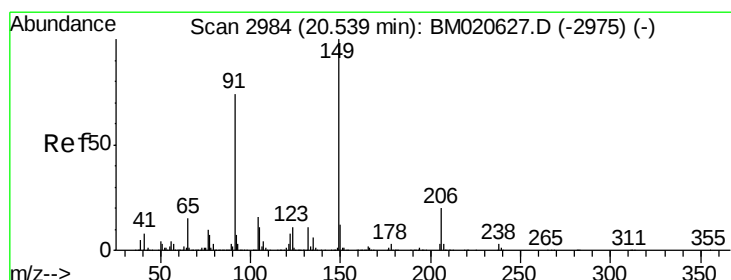
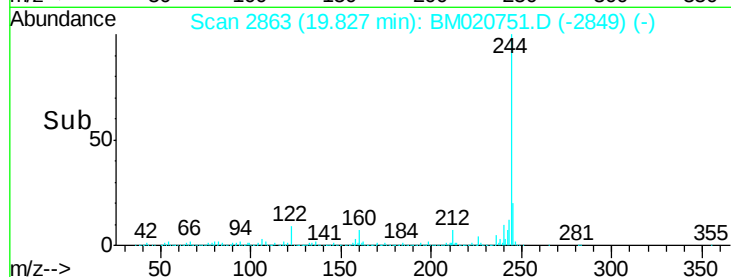
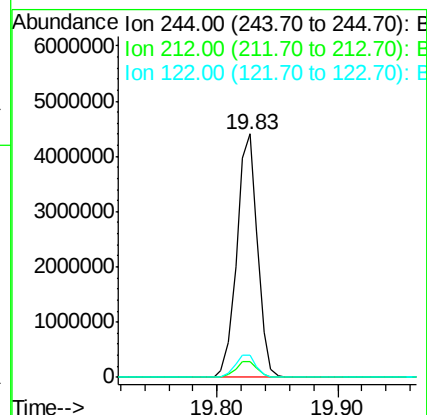
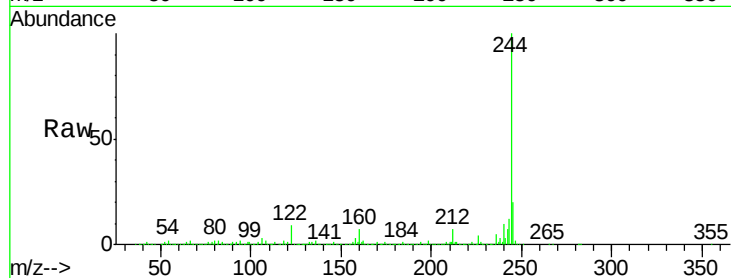
244 100

212 6.7 5.7 8.5

122 9.0 7.2 10.8

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#80

Butylbenzylphthalate

Concen: 36.697 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

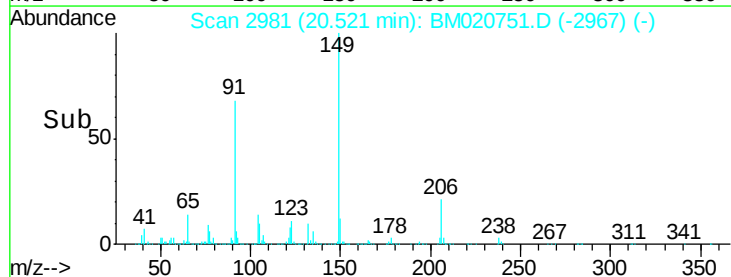
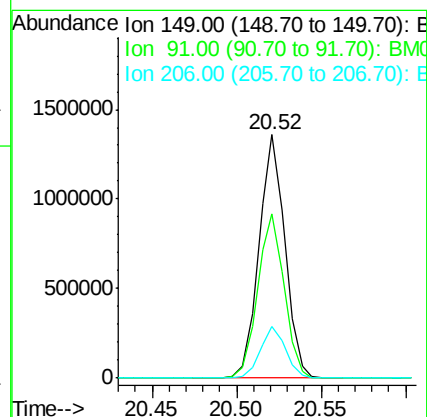
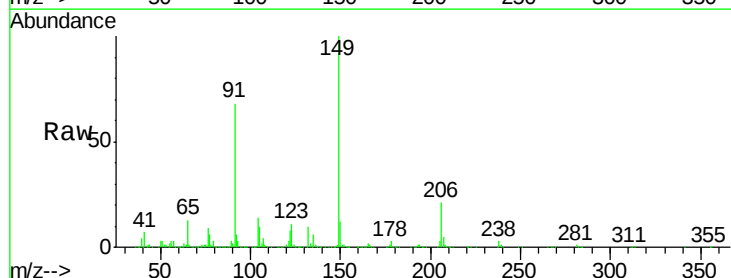
Tgt Ion:149 Resp: 1455927

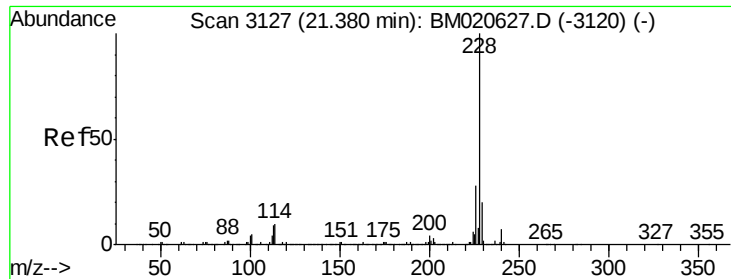
Ion Ratio Lower Upper

149 100

91 67.6 59.6 89.4

206 21.1 15.7 23.5





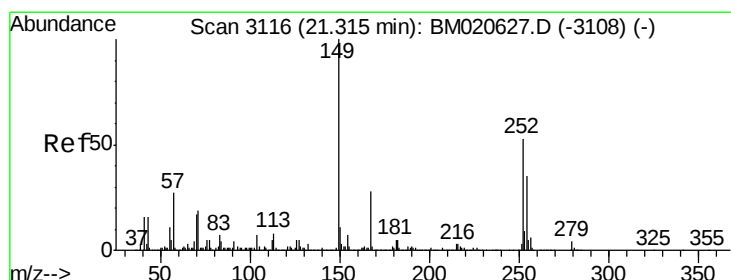
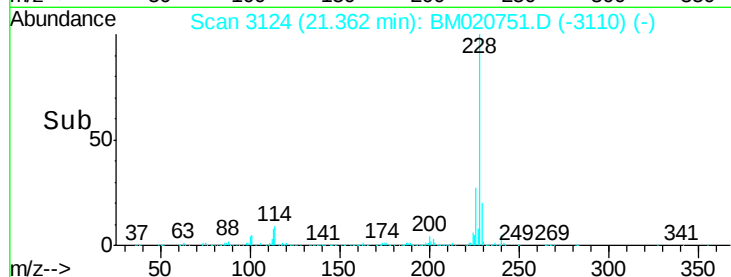
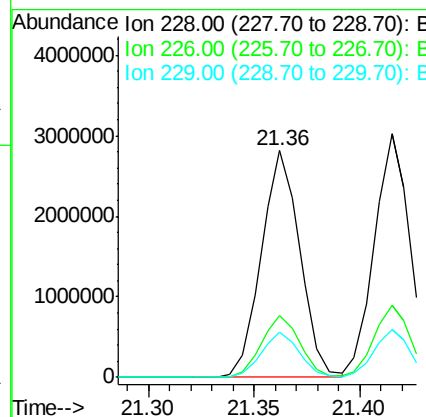
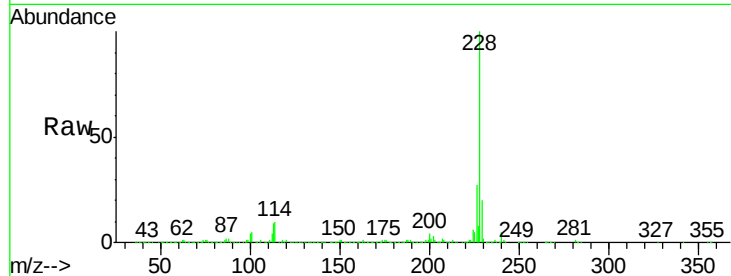
#81  
Benzo(a)anthracene  
Concen: 42.022 ng  
RT: 21.36 min Scan# 3124  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 22.3  | 33.5  |
| 229     | 19.7  | 15.9  | 23.9  |

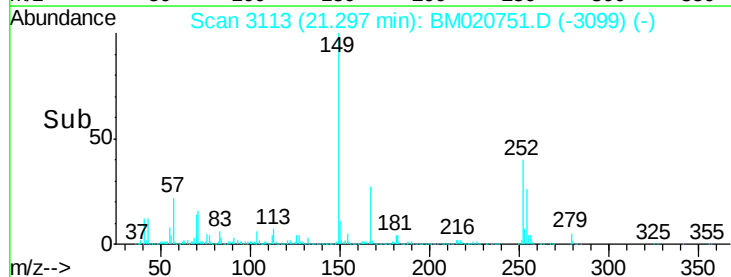
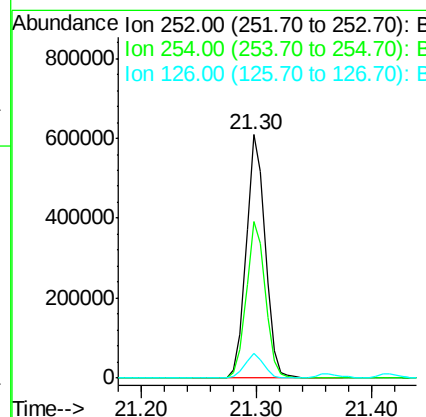
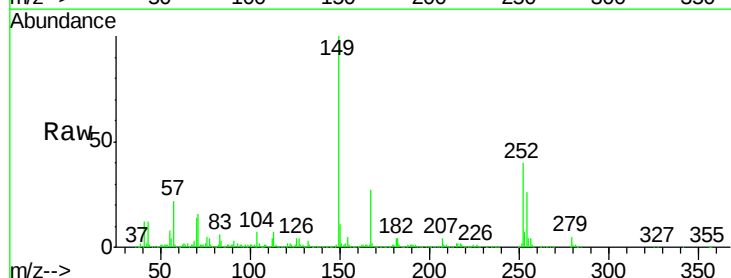
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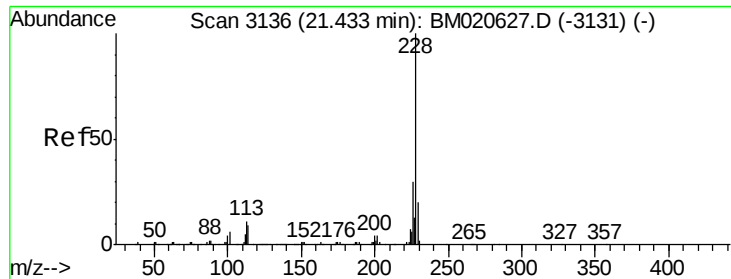
mohammad  
6/6/2019 11:22:13 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 22.333 ng  
RT: 21.30 min Scan# 3113  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 52.6  | 78.8  |
| 126     | 10.3  | 8.0   | 12.0  |





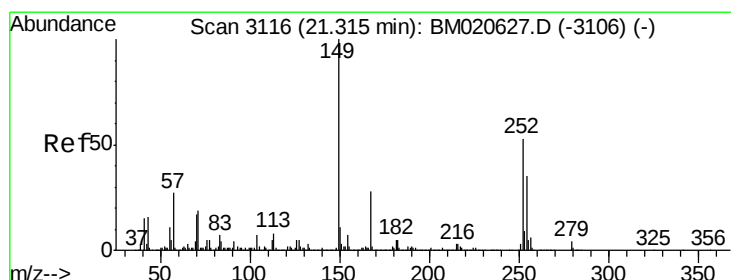
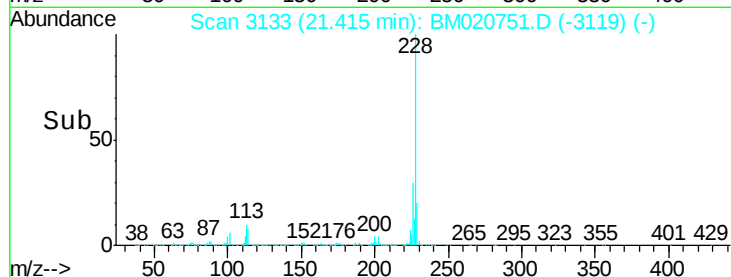
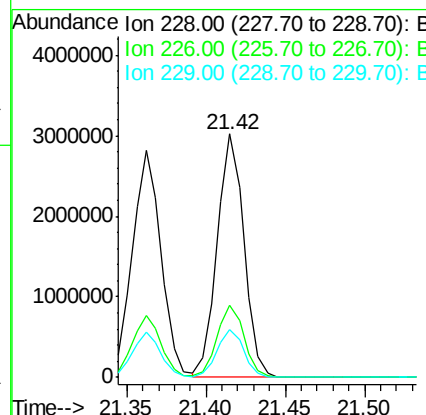
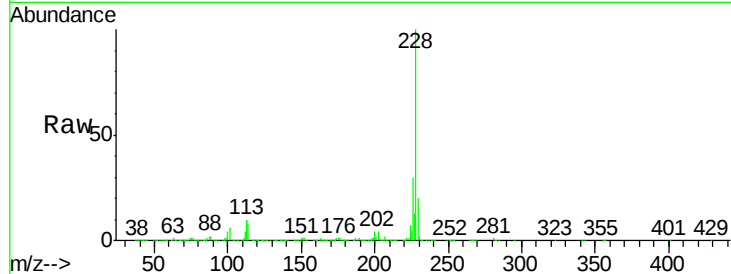
#83  
 Chrysene  
 Concen: 43.635 ng  
 RT: 21.42 min Scan# 3133  
 Delta R.T. -0.02 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-BPM-03-008-ABCDMS

Tot Ion:228 Resp: 3533697  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 24.2 36.2  
 229 19.6 15.8 23.6

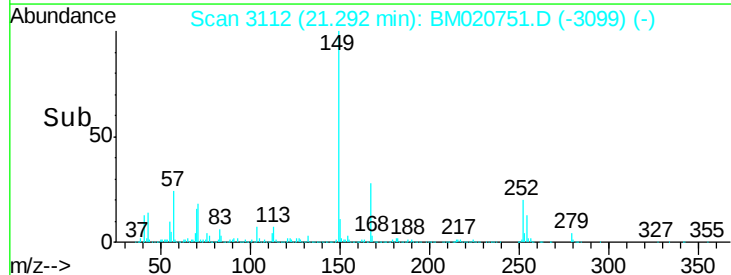
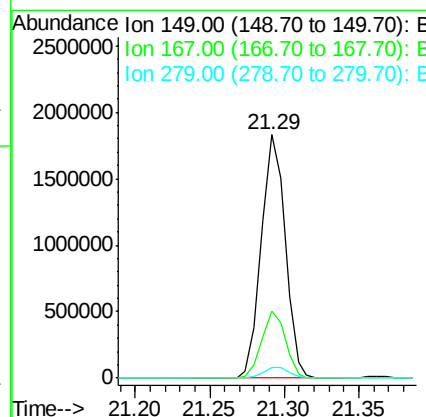
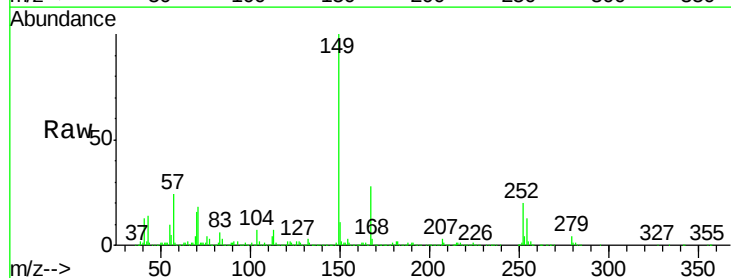
Manual Integrations  
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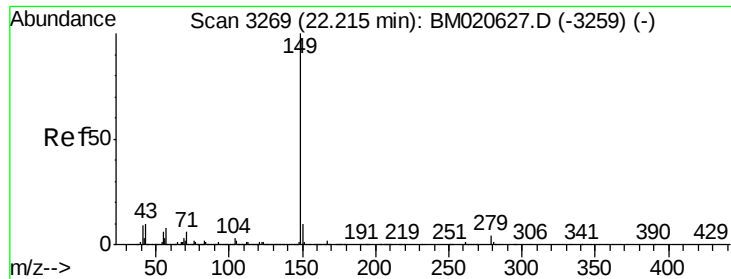
mohammad  
 6/6/2019 11:22:13 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.109 ng  
 RT: 21.29 min Scan# 3112  
 Delta R.T. -0.02 min  
 Lab File: BM020751.D  
 Acq: 06 Jun 2019 00:03

Tgt Ion:149 Resp: 2024448  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 22.1 33.1  
 279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 37.429 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.03 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:149 Resp: 3426470

Ion Ratio Lower Upper

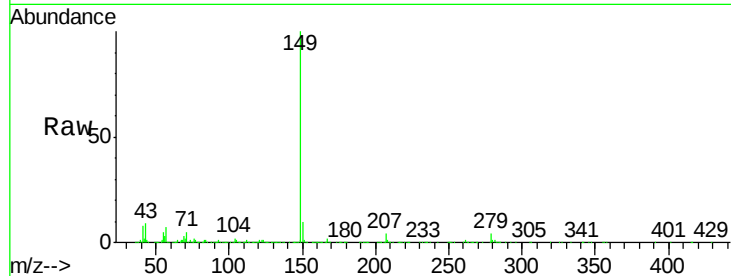
149 100

167 1.6 1.3 1.9

43 9.1 8.2 12.4

Manual Integrations  
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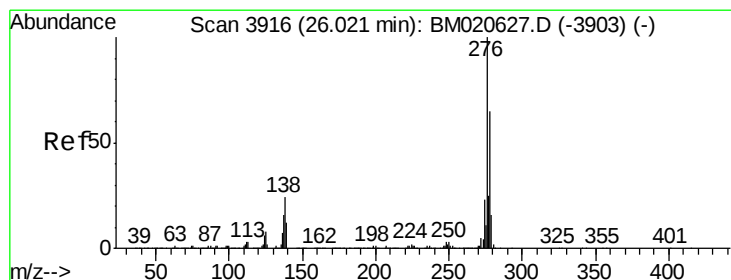
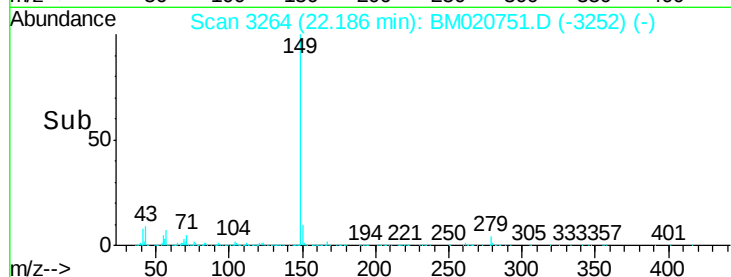
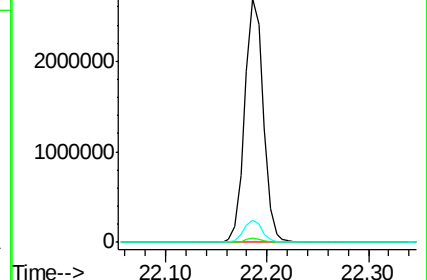
mohammad  
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.027 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

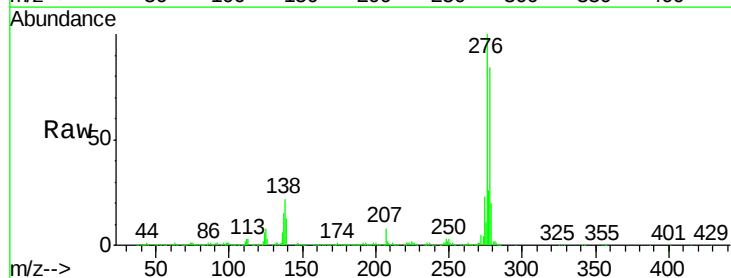
Tgt Ion:276 Resp: 5138913

Ion Ratio Lower Upper

276 100

138 22.5 19.8 29.8

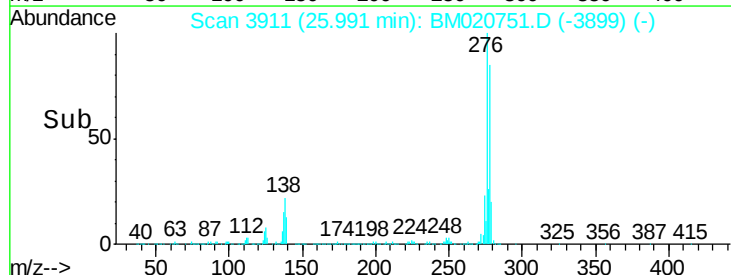
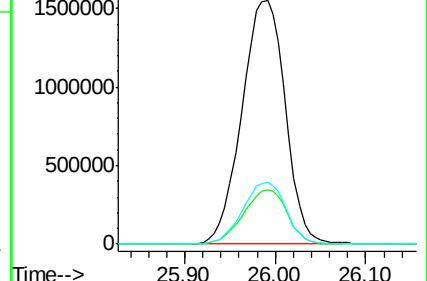
277 25.3 20.2 30.4

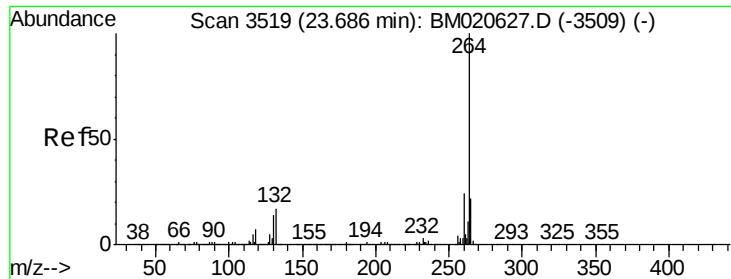


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.66 min Scan# 3515  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

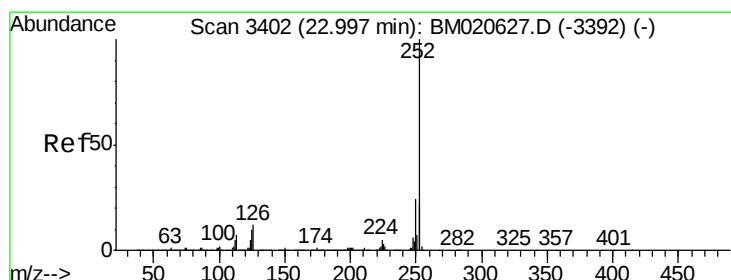
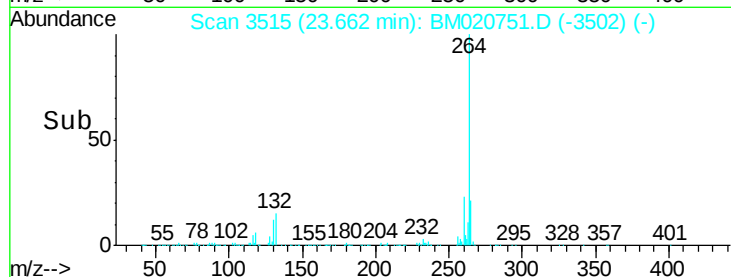
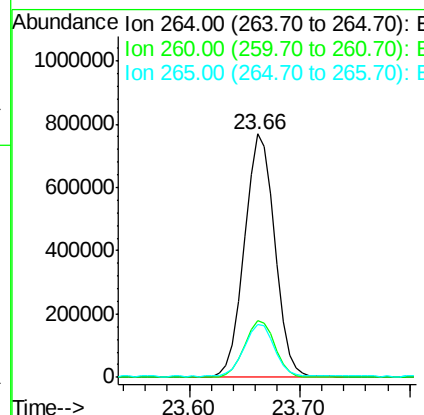
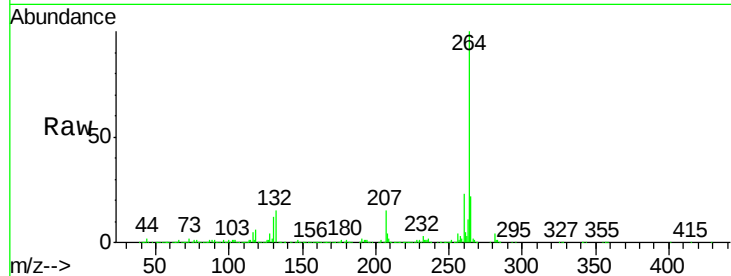
Instrument :  
BNA\_M  
ClientSampleId :  
FK-BPM-03-008-ABCDMS

Tot Ion:264 Resp: 1491120  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 19.2  | 28.8  |
| 265 | 21.6  | 17.6  | 26.4  |

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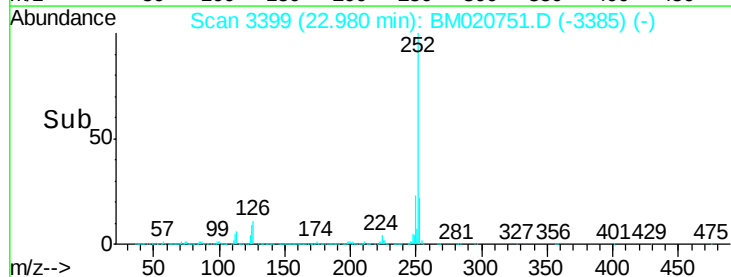
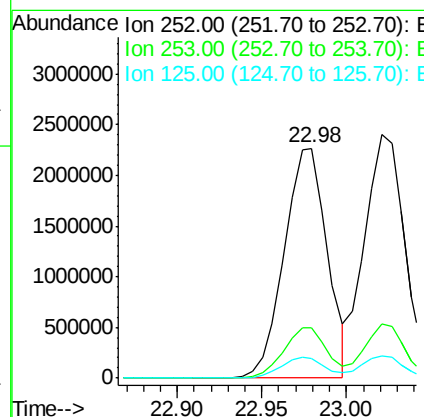
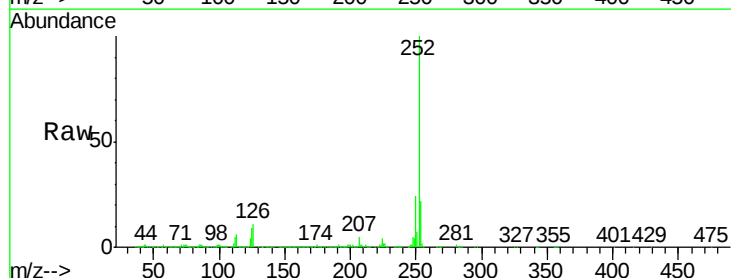
mohammad  
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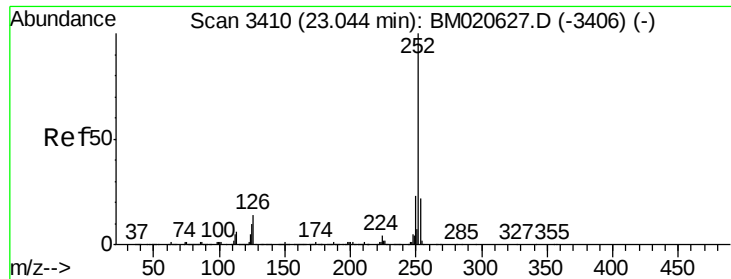


#88  
Benzo(b)fluoranthene  
Concen: 40.652 ng  
RT: 22.98 min Scan# 3399  
Delta R.T. -0.02 min  
Lab File: BM020751.D  
Acq: 06 Jun 2019 00:03

Tgt Ion:252 Resp: 4006485  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.4  | 26.2  |
| 125 | 8.6   | 7.8   | 11.8  |





#89

Benzo(k)fluoranthene

Concen: 41.221 ng

RT: 23.02 min Scan# 3406

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:252 Resp: 3970053

Ion Ratio Lower Upper

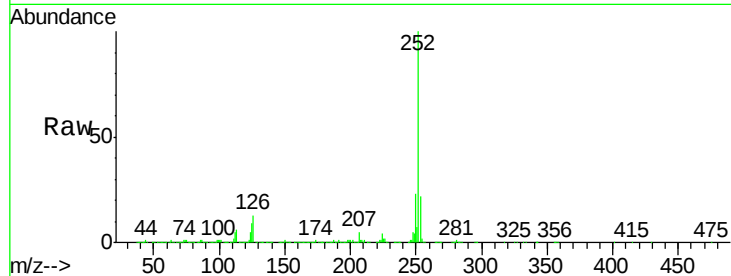
252 100

253 22.2 17.4 26.2

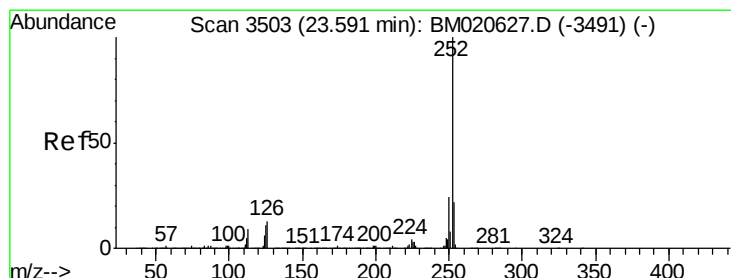
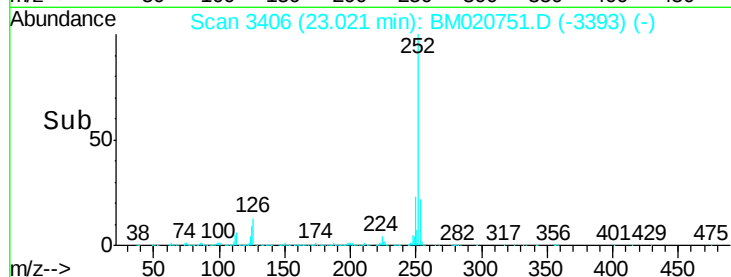
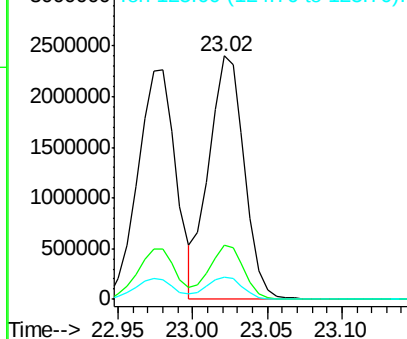
125 9.2 7.8 11.8

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.956 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

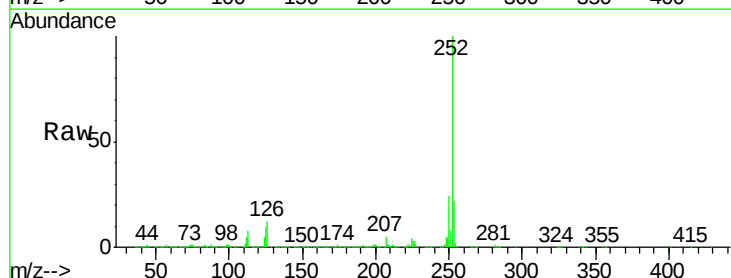
Tgt Ion:252 Resp: 4018764

Ion Ratio Lower Upper

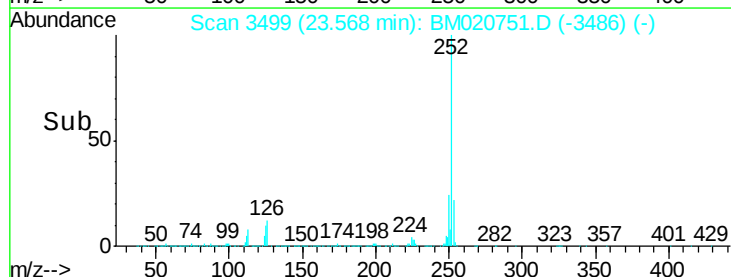
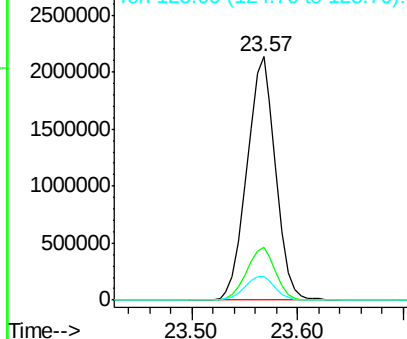
252 100

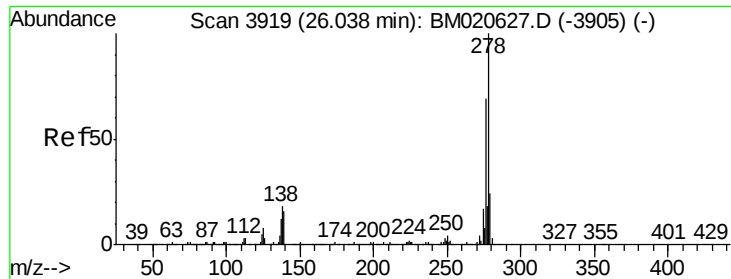
253 21.8 17.5 26.3

125 9.8 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.873 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.04 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

Instrument :

BNA\_M

ClientSampleId :

FK-BPM-03-008-ABCDMS

Tot Ion:278 Resp: 4325364

Ion Ratio Lower Upper

278 100

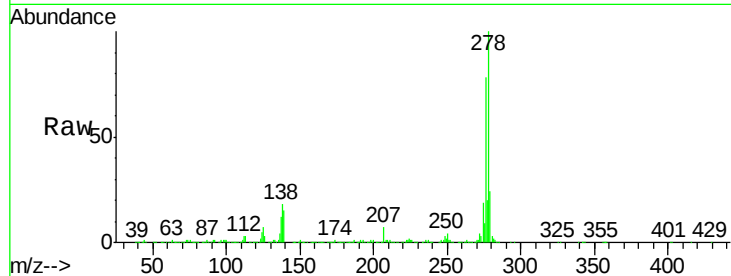
139 14.6 12.6 18.8

279 23.7 19.0 28.6

Manual Integrations  
APPROVED

mohammad

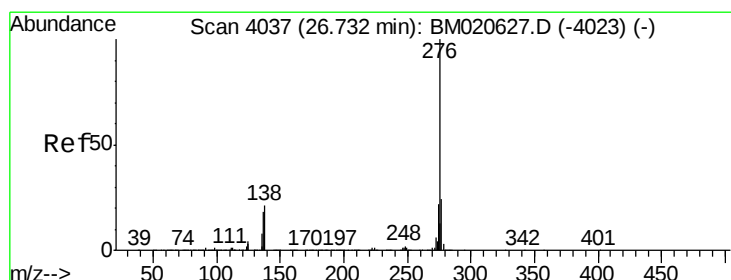
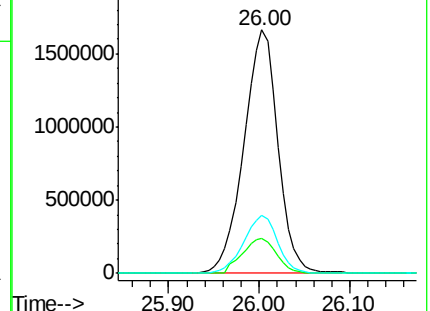
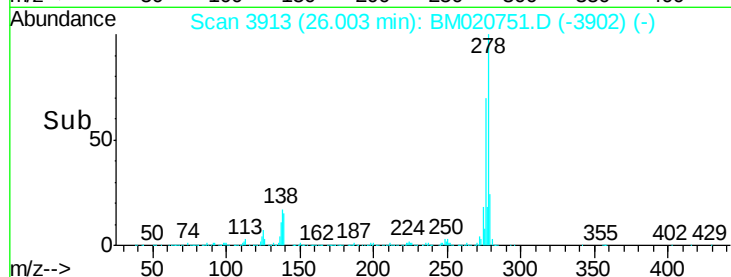
6/6/2019 11:22:13 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.337 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.04 min

Lab File: BM020751.D

Acq: 06 Jun 2019 00:03

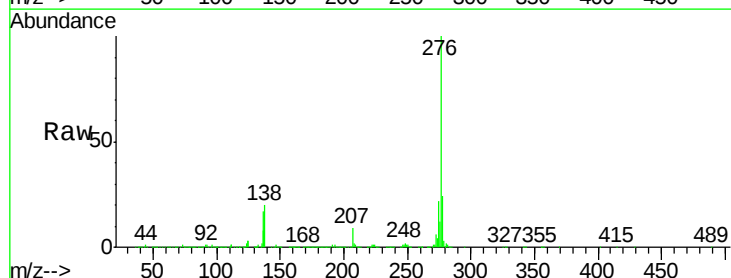
Tgt Ion:276 Resp: 4216059

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 20.2 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

