

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM101818\  
 Data File : BM017213.D  
 Acq On : 19 Oct 2018 03:22  
 Operator : MJ/SJ  
 Sample : PB113953BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

Manual Integrations  
 APPROVED

Sohil  
 10/19/2018 2:37:49 PM

Quant Time: Oct 19 14:00:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 327413   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 1397668  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.31 | 164  | 807933   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.06 | 188  | 1742582  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.25 | 240  | 1667802  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.46 | 264  | 1577697  | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 2493033 | 128.78 | ng | 0.00  |
| 7) Phenol-d6             | 6.85  | 99  | 3303093 | 125.28 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.82  | 82  | 1481326 | 61.99  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 1334797 | 122.17 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 12.93 | 172 | 3572490 | 58.83  | ng | 0.00  |
| 79) Terphenyl-d14        | 19.70 | 244 | 4375394 | 59.13  | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 439954 | 44.507 | ng | 88     |
| 3) Pyridine                    | 3.65  | 79  | 141479 | 6.220  | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.56  | 42  | 63365  | 6.940  | ng | # 71   |
| 6) Aniline                     | 7.01  | 93  | 170552 | 5.172  | ng | 95     |
| 8) 2-Chlorophenol              | 7.24  | 128 | 141627 | 6.324  | ng | 96     |
| 9) Benzaldehyde                | 6.82  | 77  | 86321  | 5.135  | ng | 97     |
| 10) Phenol                     | 6.88  | 94  | 174770 | 6.159  | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.10  | 93  | 127877 | 5.653  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146 | 161159 | 6.173  | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 7.70  | 146 | 164360 | 6.162  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 155212 | 6.040  | ng | 97     |
| 15) Benzyl Alcohol             | 7.91  | 79  | 116662 | 6.054  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 175221 | 5.545  | ng | 97     |
| 17) 2-Methylphenol             | 8.11  | 107 | 115819 | 6.359  | ng | 98     |
| 18) Hexachloroethane           | 8.73  | 117 | 55310  | 6.059  | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.47  | 70  | 101415 | 5.842  | ng | 99     |
| 20) 3+4-Methylphenols          | 8.43  | 107 | 154112 | 6.187  | ng | 97     |
| 22) Acetophenone               | 8.49  | 105 | 210823 | 5.951  | ng | 98     |
| 24) Nitrobenzene               | 8.86  | 77  | 160065 | 6.332  | ng | 94     |
| 25) Isophorone                 | 9.39  | 82  | 263759 | 6.684  | ng | 98     |
| 26) 2-Nitrophenol              | 9.57  | 139 | 65174  | 10.558 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 9.63  | 122 | 127537 | 7.309  | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.87  | 93  | 174610 | 6.287  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.10 | 162 | 126229 | 6.231  | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.31 | 180 | 143831 | 5.918  | ng | 99     |
| 31) Naphthalene                | 10.49 | 128 | 432005 | 6.307  | ng | 99     |
| 32) Benzoic acid               | 9.71  | 122 | 67772m | 5.205  | ng |        |
| 33) 4-Chloroaniline            | 10.62 | 127 | 143670 | 4.857  | ng | 97     |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 91338  | 5.931  | ng | 99     |
| 35) Caprolactam                | 11.40 | 113 | 32993  | 4.469  | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 11.73 | 107 | 137138 | 6.005  | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.11 | 142 | 317422 | 6.772  | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.33 | 142 | 303880 | 6.661  | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 167969 | 5.903  | ng | 98     |

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 Sample : PB113953BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

Manual Integrations  
 APPROVED

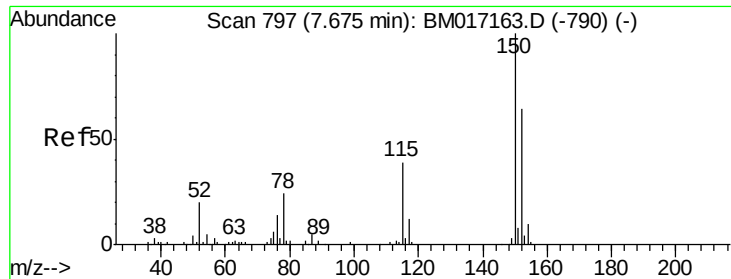
Sohil  
 10/19/2018 2:37:49 PM

Quant Time: Oct 19 14:00:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 213153   | 15.496 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.73 | 196  | 102392   | 6.199  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.80 | 196  | 109734   | 6.196  | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.13 | 154  | 412875   | 5.679  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.17 | 162  | 314036   | 5.871  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 77971    | 10.236 | ng    | 92       |
| 49) Acenaphthylene             | 14.03 | 152  | 488737   | 6.304  | ng    | 99       |
| 50) Dimethylphthalate          | 13.77 | 163  | 387532   | 6.217  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 76676    | 5.589  | ng    | 95       |
| 52) Acenaphthene               | 14.37 | 154  | 292090   | 6.000  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.22 | 138  | 62508    | 4.207  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 14.43 | 184  | 68352    | 15.846 | ng    | 100      |
| 55) Dibenzofuran               | 14.71 | 168  | 470535   | 5.813  | ng    | 96       |
| 56) 4-Nitrophenol              | 14.53 | 139  | 163172   | 16.056 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 96624    | 5.240  | ng    | # 96     |
| 58) Fluorene                   | 15.36 | 166  | 374949   | 6.258  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.94 | 232  | 99382    | 6.156  | ng    | # 97     |
| 60) Diethylphthalate           | 15.15 | 149  | 369361   | 5.975  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204  | 199268   | 5.834  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.39 | 138  | 70246    | 8.571  | ng    | 88       |
| 63) Azobenzene                 | 15.66 | 77   | 336448   | 5.600  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 48276    | 10.687 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.58 | 169  | 321291   | 6.094  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 118275   | 6.182  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.36 | 284  | 128703   | 5.791  | ng    | 96       |
| 69) Atrazine                   | 16.53 | 200  | 102294   | 5.421  | ng    | 99       |
| 70) Pentachlorophenol          | 16.71 | 266  | 135985   | 8.932  | ng    | 97       |
| 71) Phenanthrene               | 17.10 | 178  | 589463   | 6.270  | ng    | 99       |
| 72) Anthracene                 | 17.19 | 178  | 567343   | 6.351  | ng    | 100      |
| 73) Carbazole                  | 17.47 | 167  | 482546   | 5.288  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.04 | 149  | 513421   | 5.334  | ng    | 100      |
| 75) Fluoranthene               | 19.12 | 202  | 614607   | 5.809  | ng    | 99       |
| 77) Benzidine                  | 19.32 | 184  | 310306   | 7.338  | ng    | 95       |
| 78) Pyrene                     | 19.49 | 202  | 622293   | 6.676  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 193886   | 11.825 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.23 | 228  | 582661   | 6.208  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 151691   | 4.337  | ng    | 96       |
| 83) Chrysene                   | 21.29 | 228  | 571375   | 6.151  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 274534   | 9.807  | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 22.05 | 149  | 454694   | 9.943  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.67 | 276  | 601173   | 5.786  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.80 | 252  | 553398   | 6.416  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.84 | 252  | 538055   | 6.216  | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.37 | 252  | 523013   | 6.386  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.68 | 278  | 509353   | 6.263  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.34 | 276  | 504268   | 6.256  | ng    | 98       |

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





#1

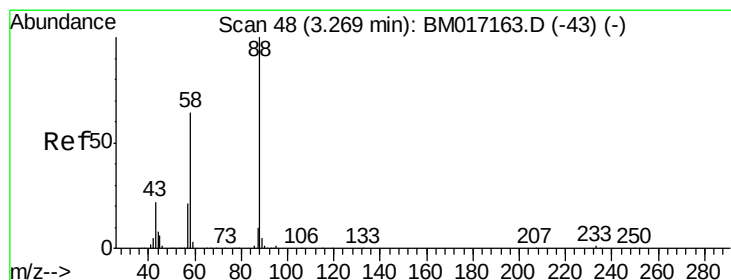
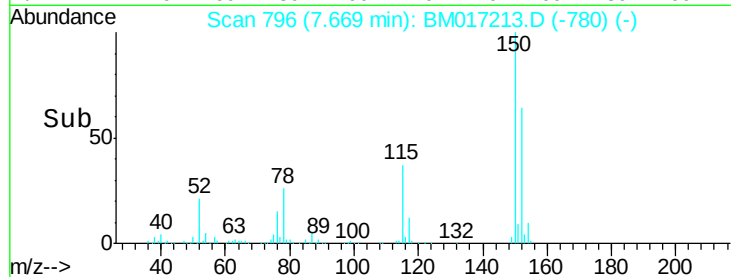
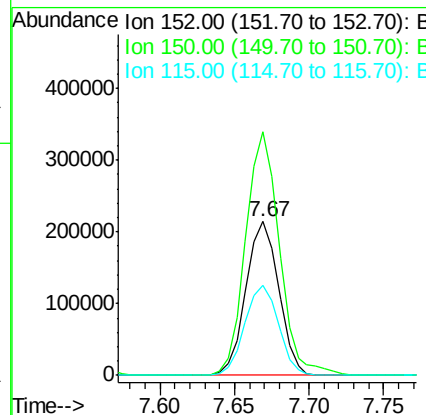
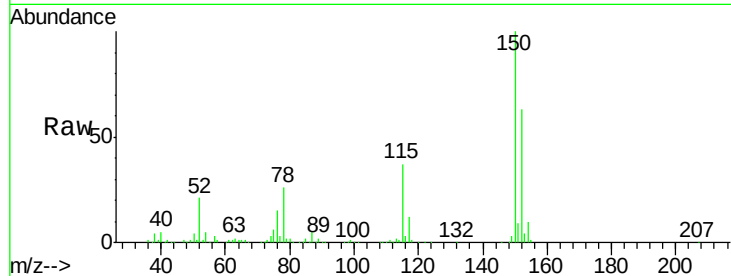
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.5 | 124.3 | 186.5 |
| 115     | 58.7  | 48.1  | 72.1  |

Manual Integrations  
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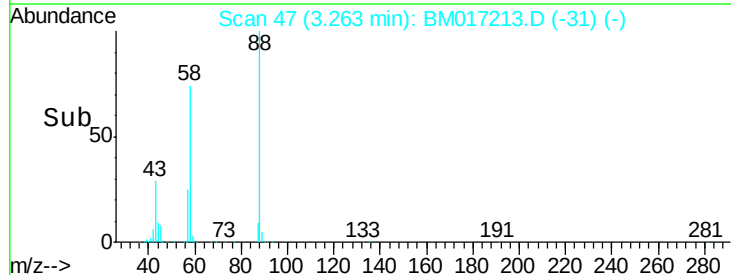
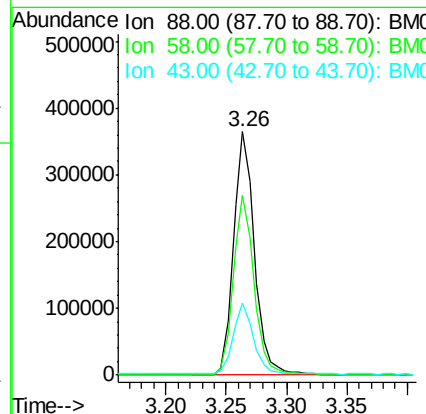
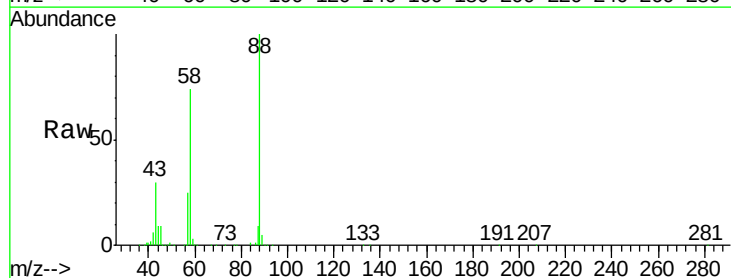
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10/19/2018 2:37:49 PM

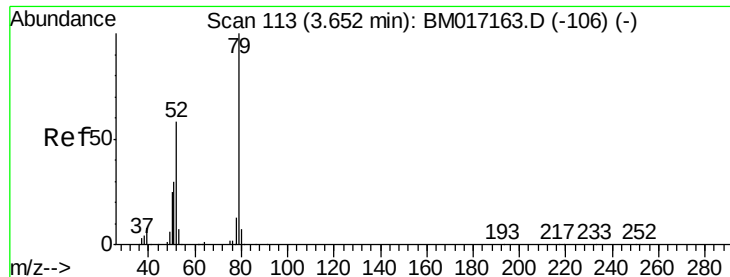


#2

1,4-Dioxane  
Concen: 44.507 ng  
RT: 3.26 min Scan# 47  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.0  | 50.2  | 75.4  |
| 43      | 28.1  | 19.3  | 28.9  |





#3

Pyridine

Concen: 6.220 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

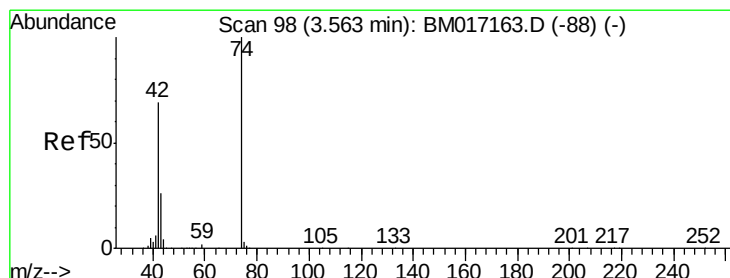
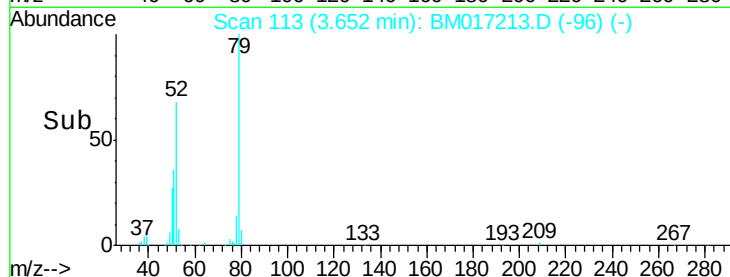
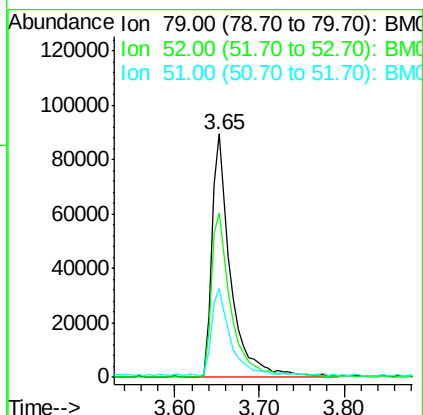
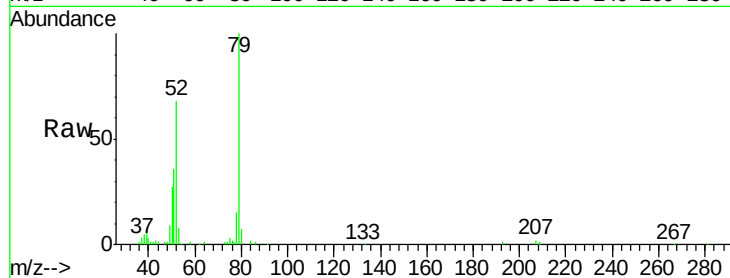
ClientSampleId :

PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 67.7  | 46.5  | 69.7  |
| 51      | 36.3  | 24.6  | 37.0  |

Manual Integrations  
APPROVED

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10/19/2018 2:37:49 PM



#4

n-Nitrosodimethylamine

Concen: 6.940 ng

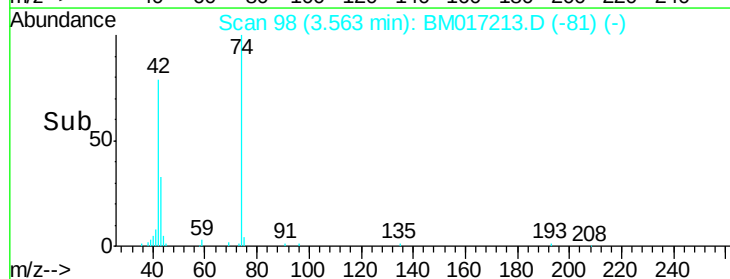
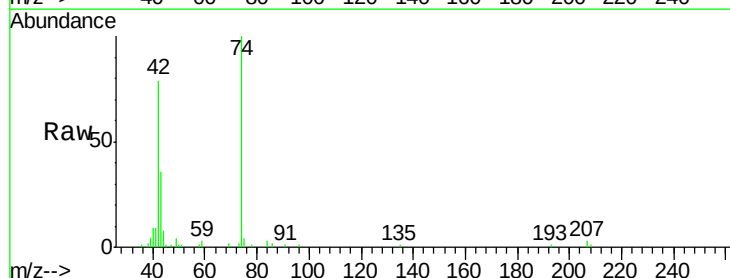
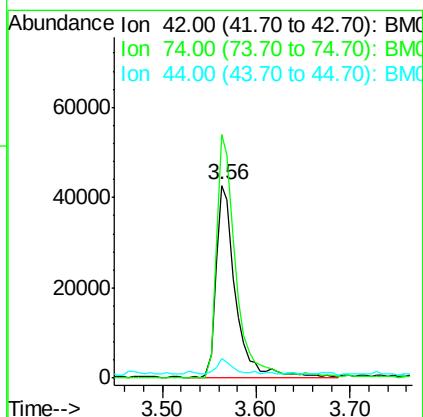
RT: 3.56 min Scan# 98

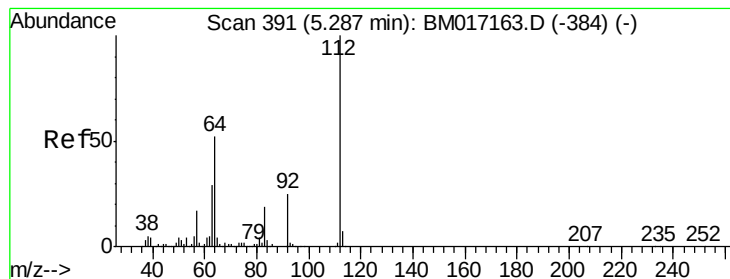
Delta R.T. 0.00 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 126.5 | 114.4 | 171.6 |
| 44      | 9.9   | 48.6  | 73.0  |





#5

2-Fluorophenol

Concen: 128.784 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

ClientSampleId :

PB113953BS

Tgt Ion: 112 Resp: 2493033

Ion Ratio Lower Upper

112 100

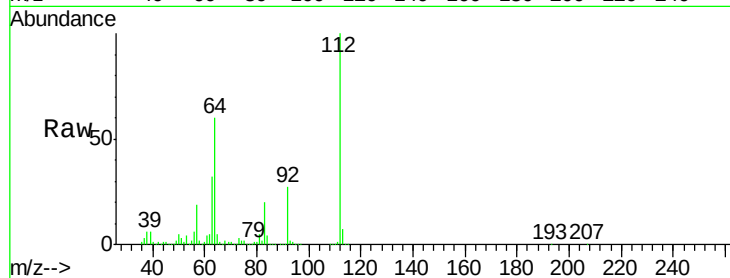
64 59.7 41.7 62.5

63 31.6 23.0 34.4

Manual Integrations  
APPROVED

Sohil

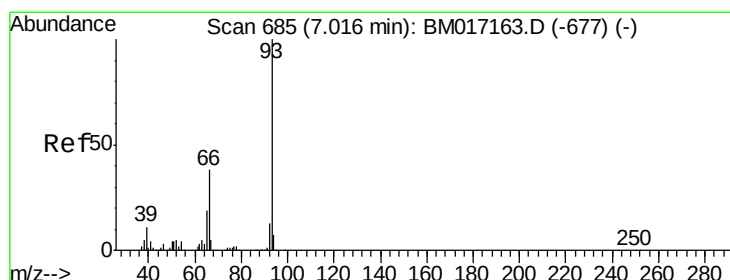
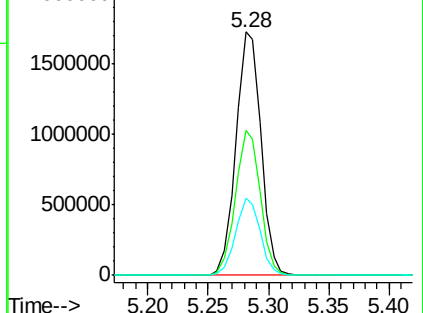
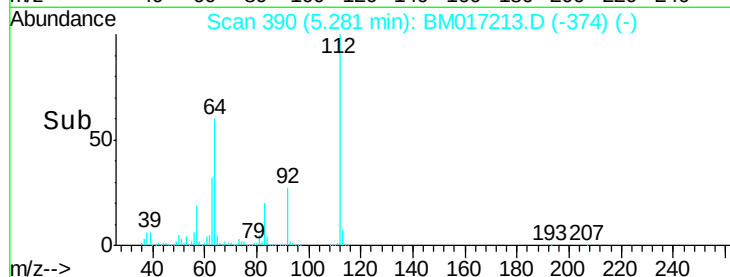
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 5.172 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

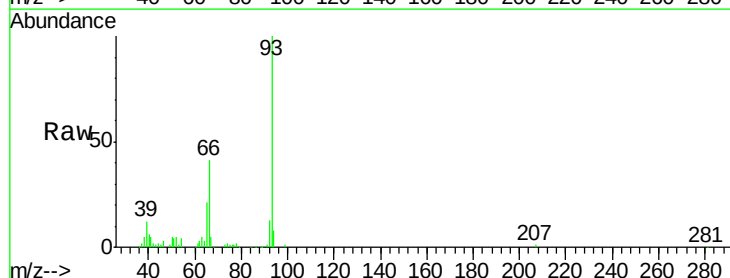
Tgt Ion: 93 Resp: 170552

Ion Ratio Lower Upper

93 100

66 41.1 30.4 45.6

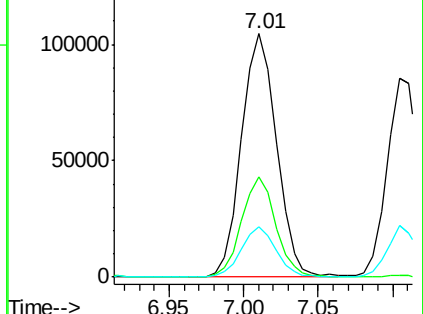
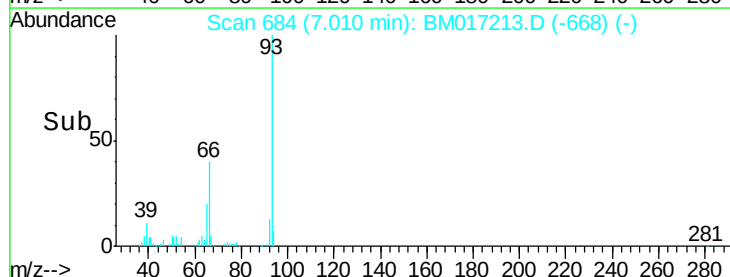
65 20.6 15.3 22.9

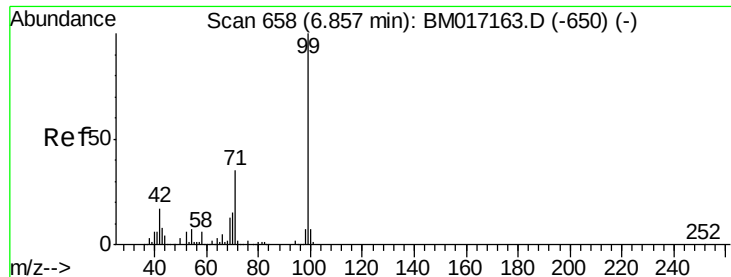


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 125.284 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

ClientSampleId :

PB113953BS

Tgt Ion: 99 Resp: 3303093

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

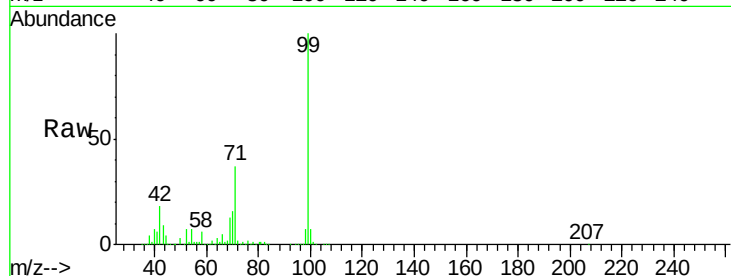
71 36.7 28.0 42.0

Manual Integrations

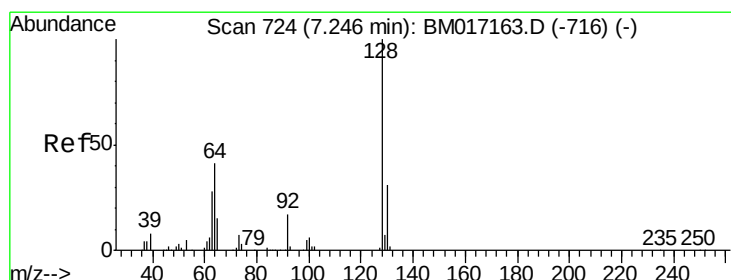
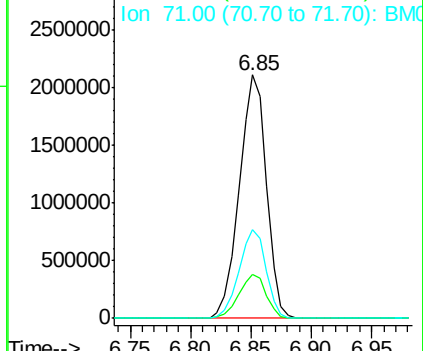
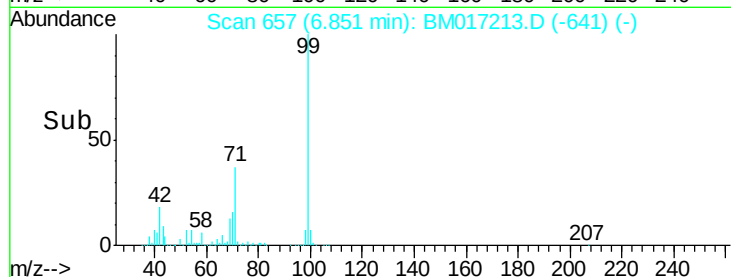
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Abundance Ion 99.00 (98.70 to 99.70): BM017213.D (-641) (-)



#8

2-Chlorophenol

Concen: 6.324 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

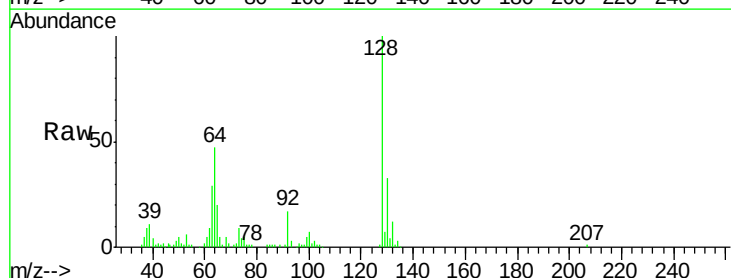
Tgt Ion: 128 Resp: 141627

Ion Ratio Lower Upper

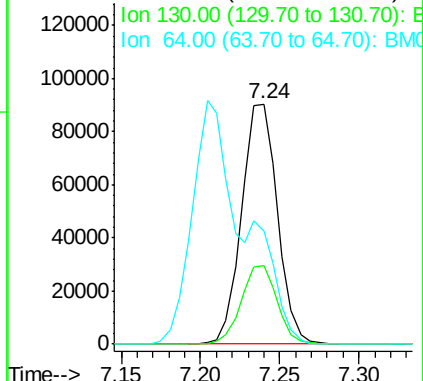
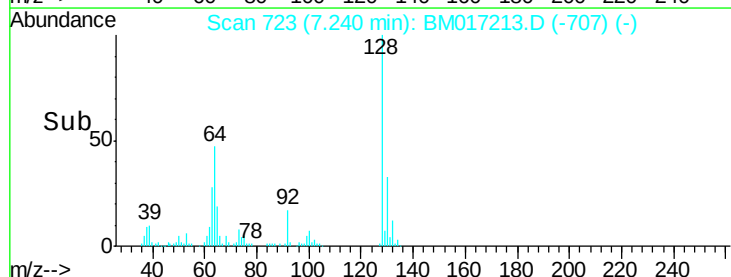
128 100

130 32.5 11.0 51.0

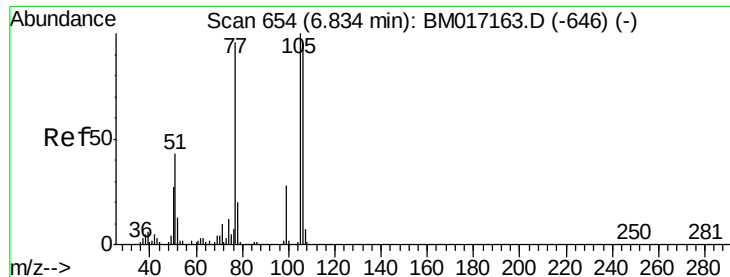
64 46.8 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): BM017213.D (-707) (-)







#9

Benzaldehyde

Concen: 5.135 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

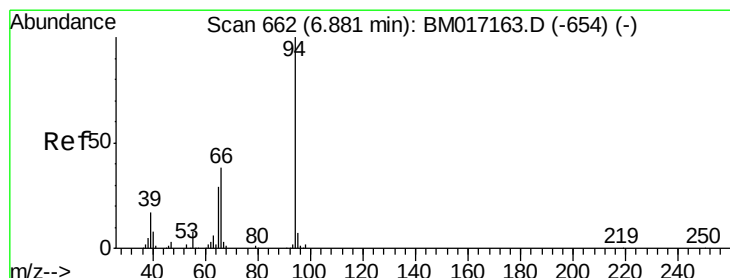
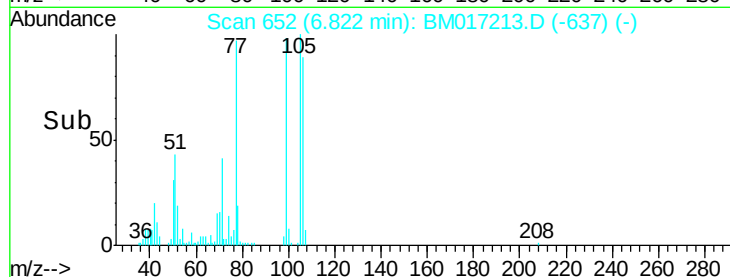
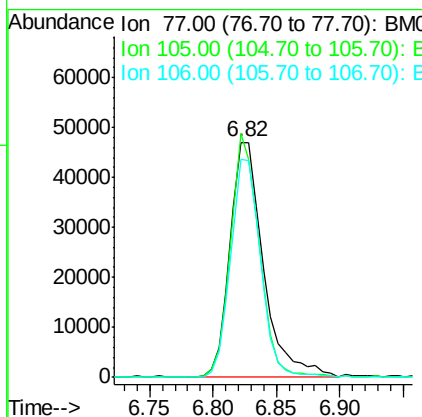
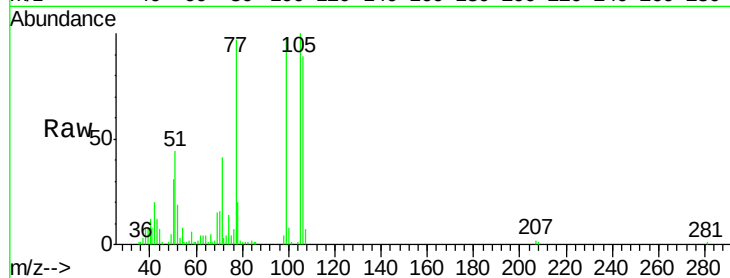
ClientSampleId :

PB113953BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 86321 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 103.6 | 83.9  | 123.9 |
| 106      | 92.5  | 78.2  | 118.2 |

Manual Integrations  
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#10

Phenol

Concen: 6.159 ng

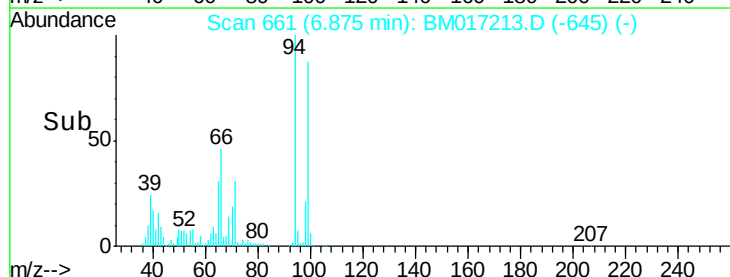
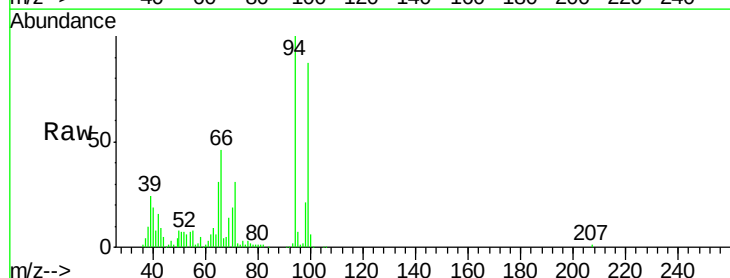
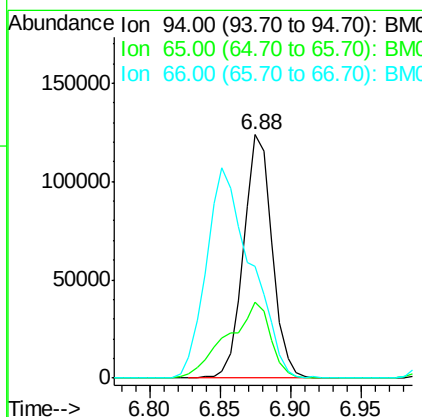
RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

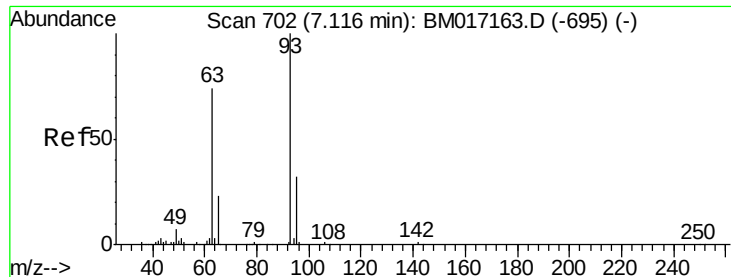
Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 174770 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.2  | 9.4   | 49.4   |
| 66       | 46.0  | 19.0  | 59.0   |







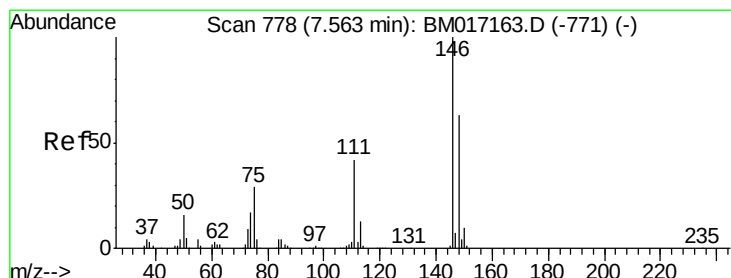
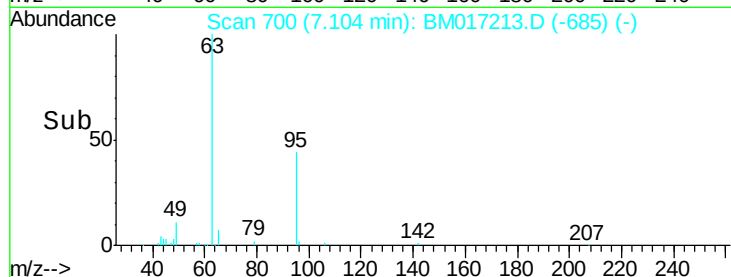
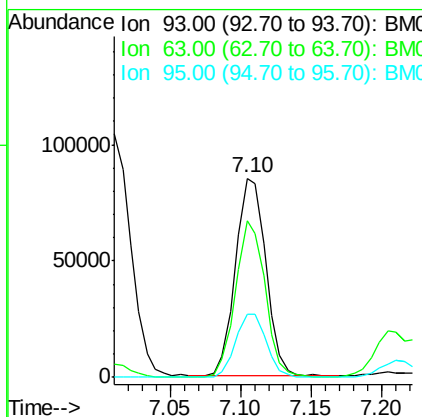
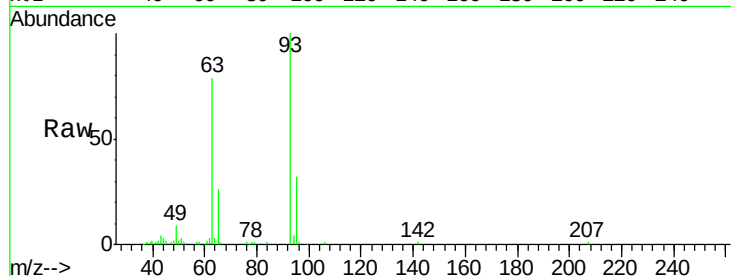
#11  
bis(2-Chloroethyl)ether  
Concen: 5.653 ng  
RT: 7.10 min Scan# 700  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 78.8  | 54.0  | 94.0  |
| 95      | 31.9  | 11.8  | 51.8  |

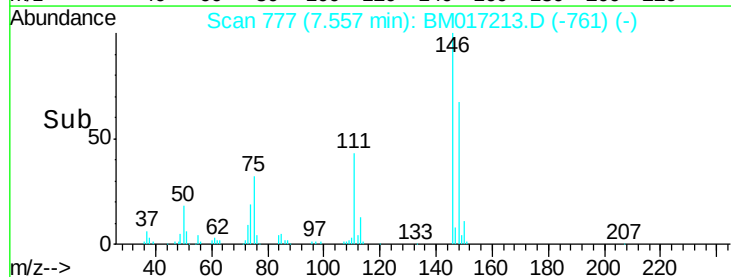
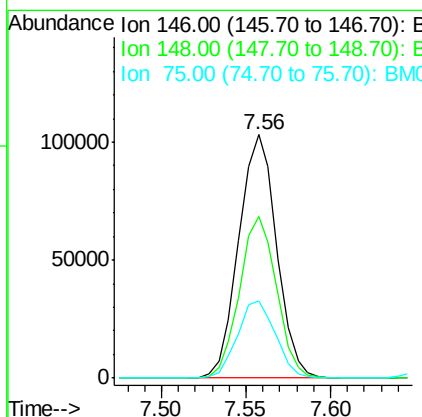
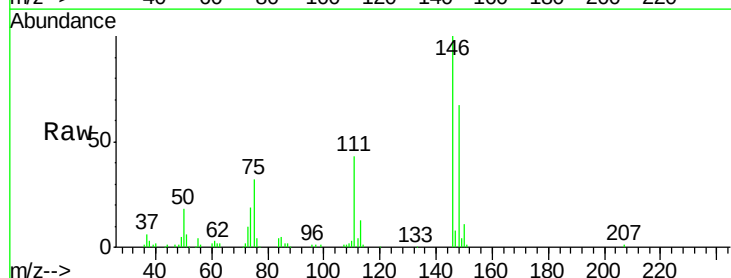
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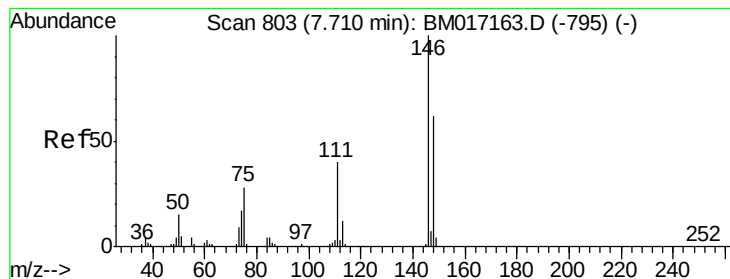
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#12  
1,3-Dichlorobenzene  
Concen: 6.173 ng  
RT: 7.56 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.5  | 50.2  | 75.4  |
| 75      | 31.8  | 23.3  | 34.9  |





#13

1,4-Dichlorobenzene

Concen: 6.162 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

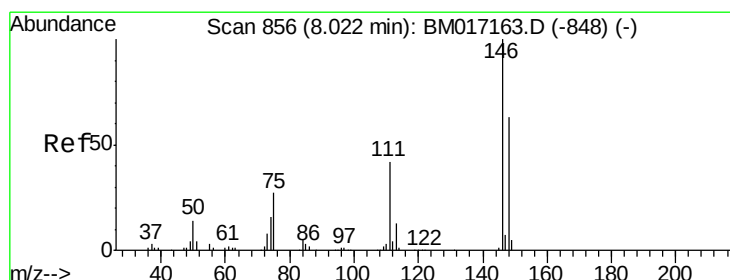
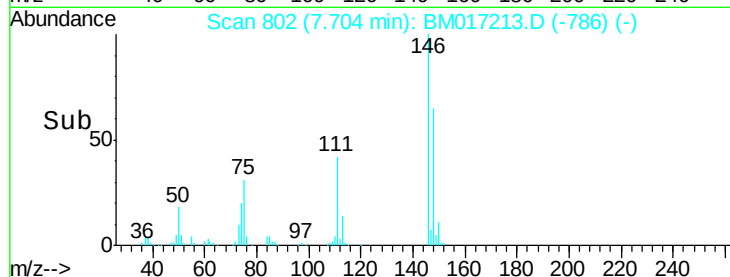
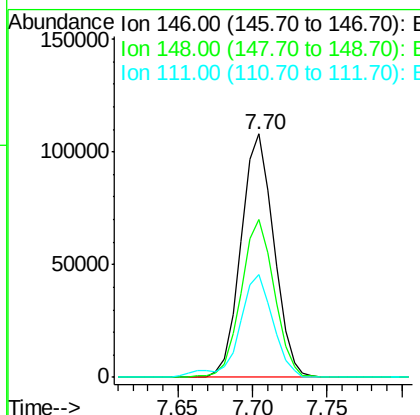
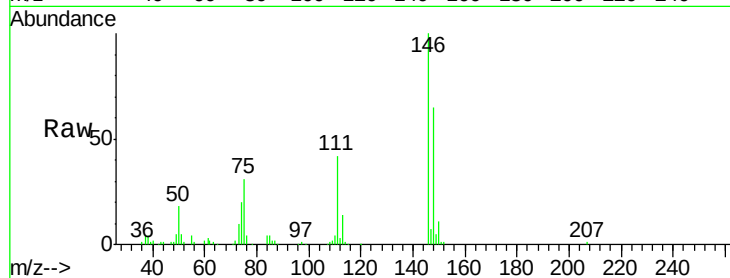
ClientSampleId :

PB113953BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 164360 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 49.8  | 74.6   |
| 111       | 42.4  | 32.1  | 48.1   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 6.040 ng

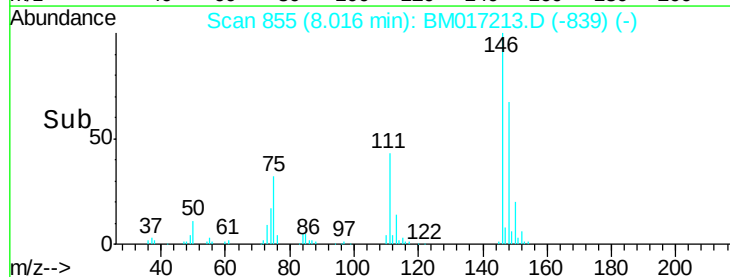
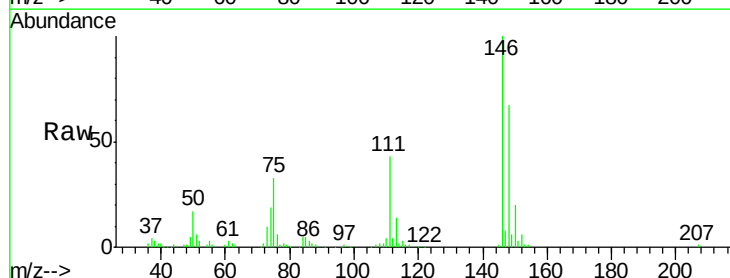
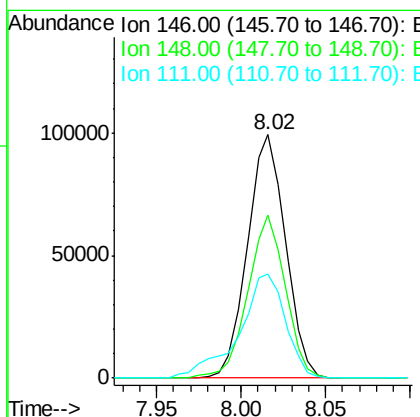
RT: 8.02 min Scan# 855

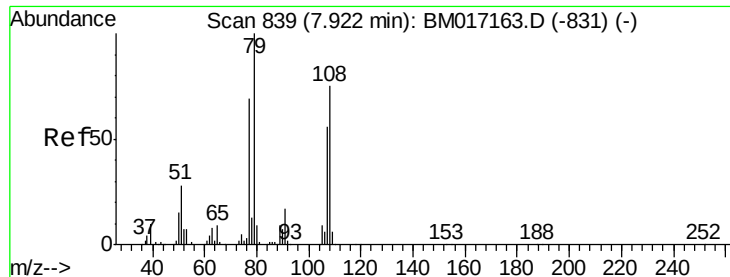
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 155212 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.7  | 50.8  | 76.2   |
| 111       | 42.6  | 33.8  | 50.6   |





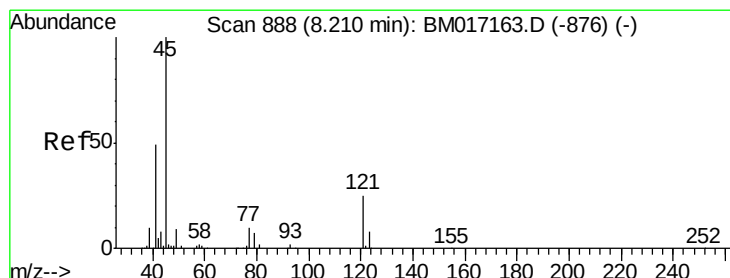
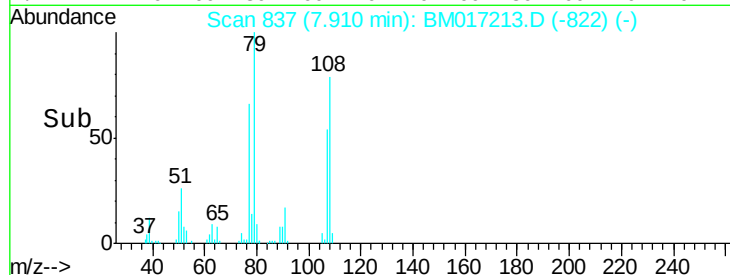
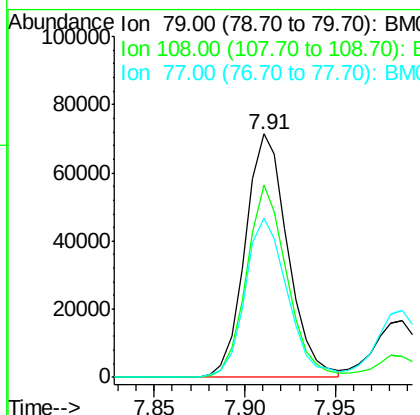
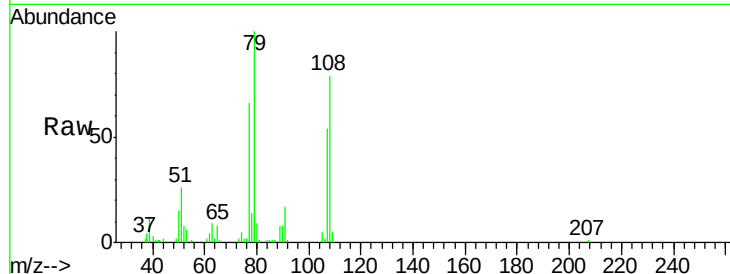
#15  
Benzyl Alcohol  
Concen: 6.054 ng  
RT: 7.91 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.9  | 60.3  | 90.5  |
| 77      | 65.6  | 54.8  | 82.2  |

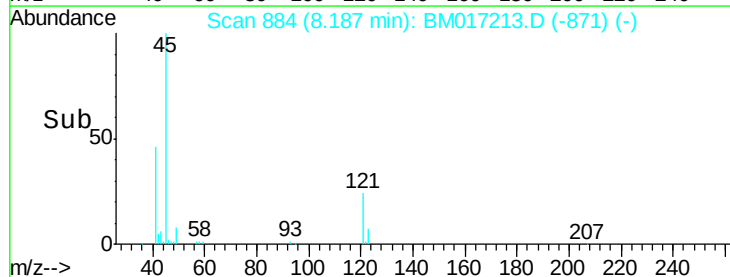
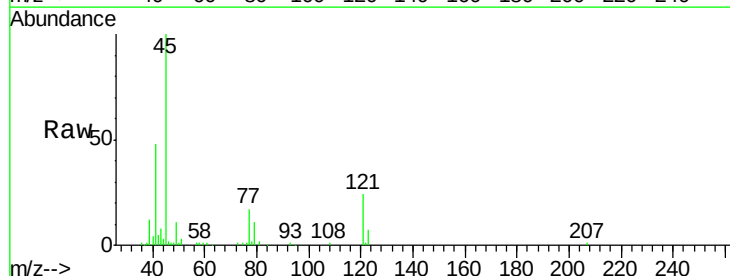
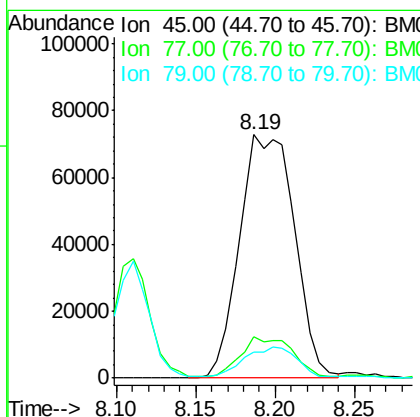
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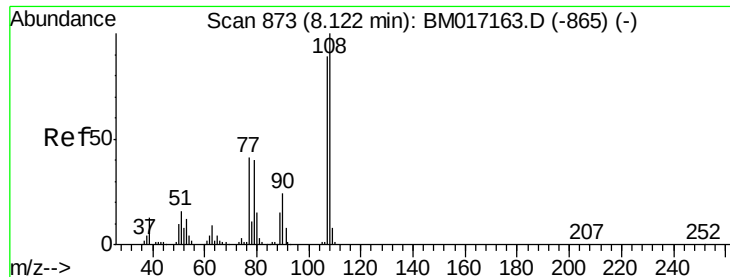
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 5.545 ng  
RT: 8.19 min Scan# 884  
Delta R.T. -0.02 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 16.8  | 0.0   | 35.5  |
| 79      | 10.5  | 0.0   | 32.1  |





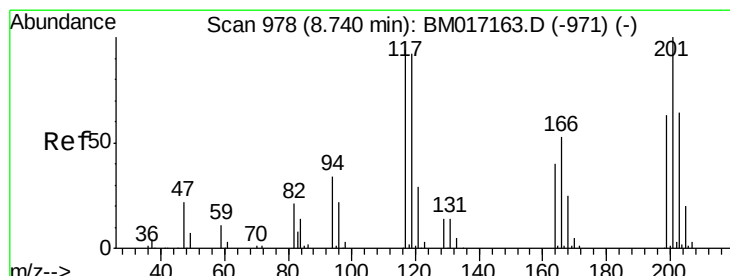
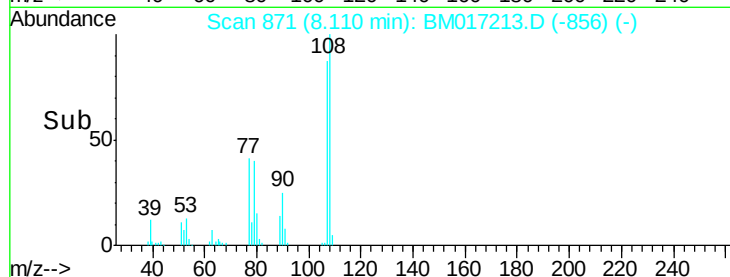
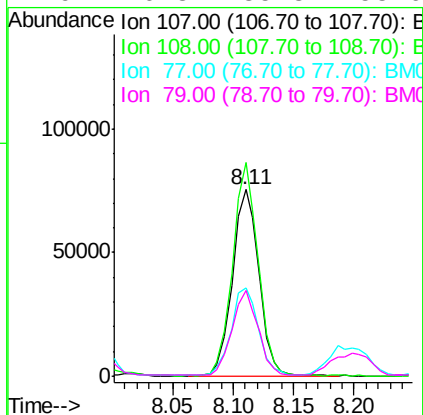
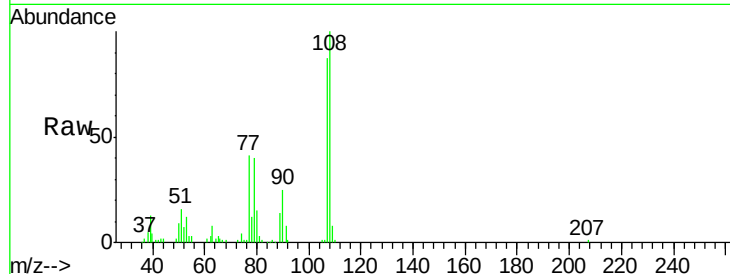
#17  
2-Methylphenol  
Concen: 6.359 ng  
RT: 8.11 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 115819 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.4 | 90.3  | 135.5  |
| 77        | 47.2  | 37.0  | 55.4   |
| 79        | 46.3  | 35.8  | 53.6   |

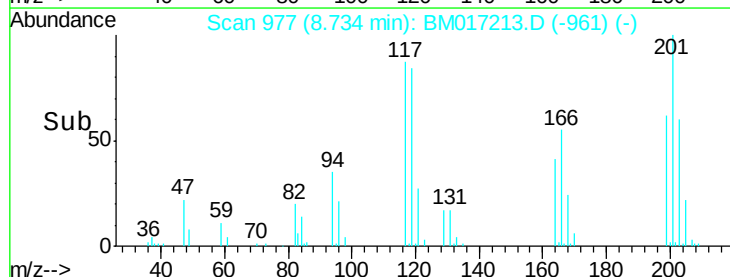
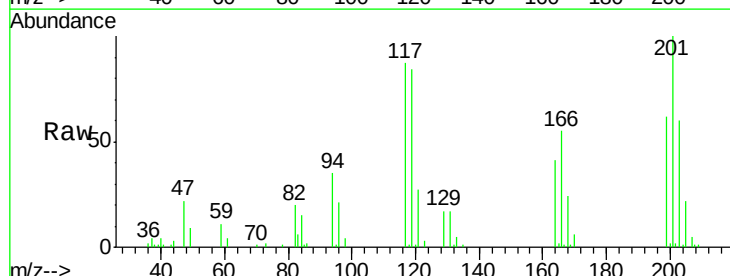
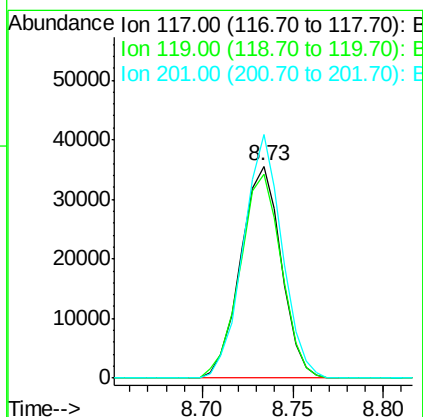
Manual Integrations  
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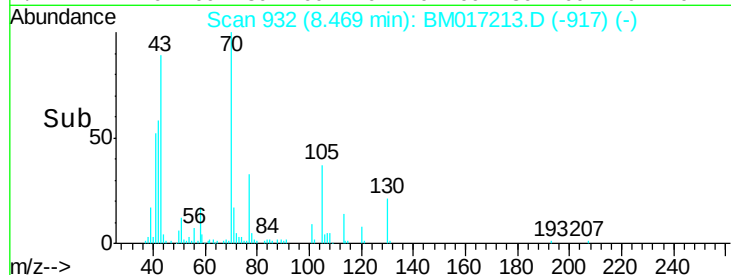
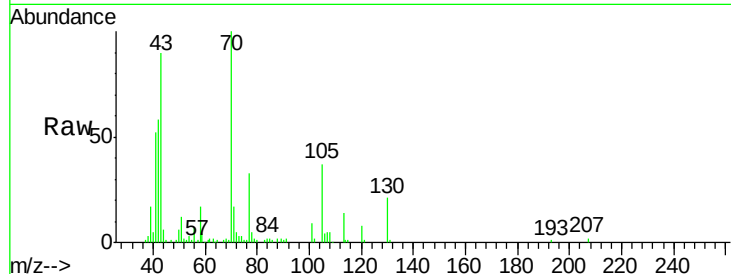
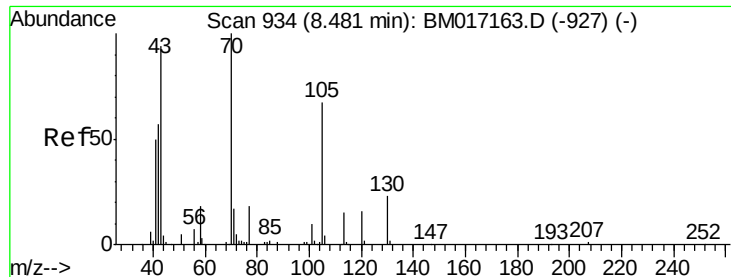
Sohil  
10/19/2018 2:37:49 PM



#18  
Hexachloroethane  
Concen: 6.059 ng  
RT: 8.73 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 55310 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.2  | 78.2  | 117.2 |
| 201       | 114.9 | 85.3  | 127.9 |





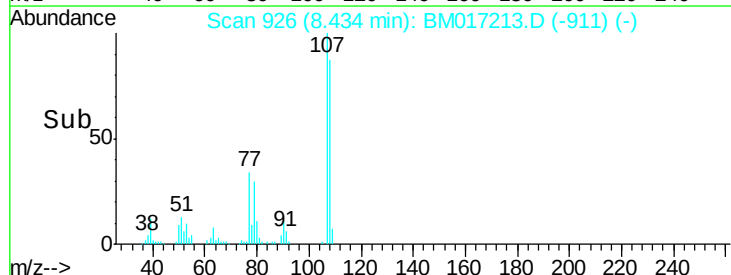
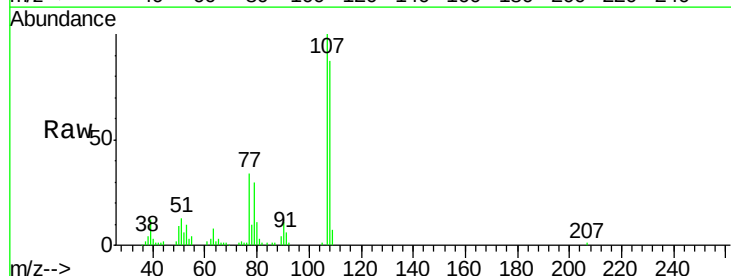
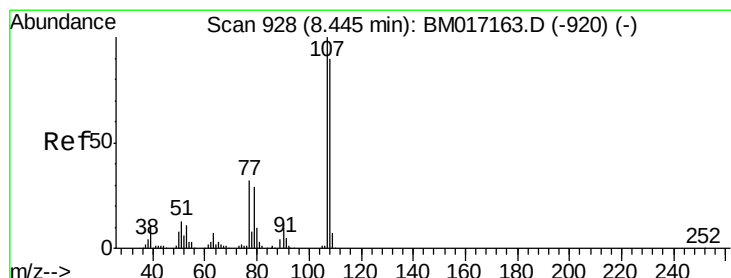
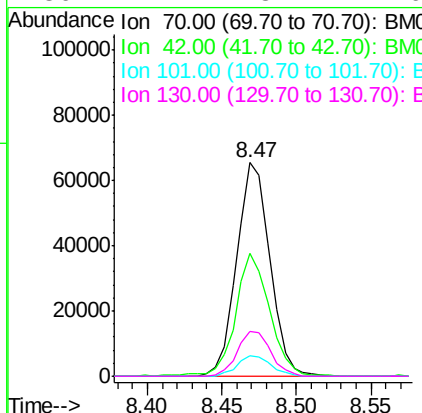
#19  
n-Nitroso-di-n-propylamine  
Concen: 5.842 ng  
RT: 8.47 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 57.7  | 46.1  | 69.1  |
| 101     | 9.4   | 8.2   | 12.4  |
| 130     | 21.1  | 18.4  | 27.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

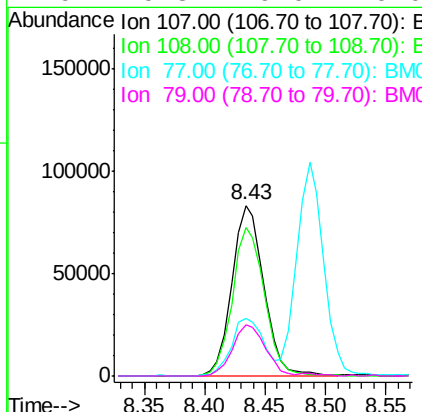
Manual Integrations  
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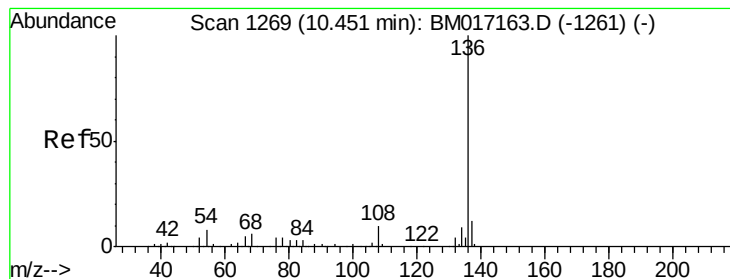
Sohil  
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#20  
3+4-Methylphenols  
Concen: 6.187 ng  
RT: 8.43 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.4  | 69.9  | 109.9 |
| 77      | 34.2  | 12.2  | 52.2  |
| 79      | 29.8  | 9.0   | 49.0  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

ClientSampleId :

PB113953BS

Tgt Ion:136 Resp: 1397668

Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.6 6.7 10.1

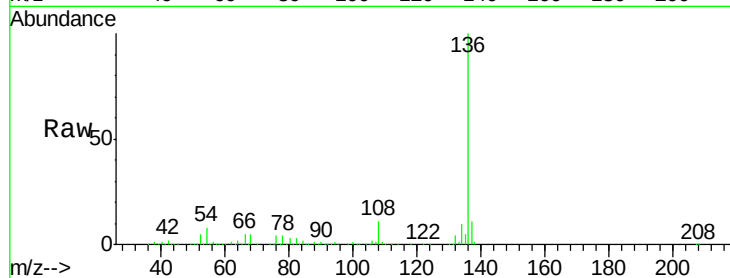
68 5.4 4.7 7.1

Manual Integrations

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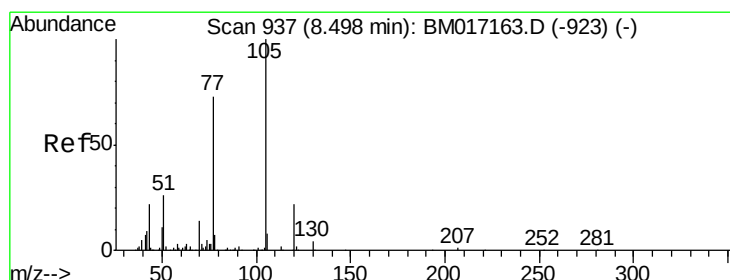
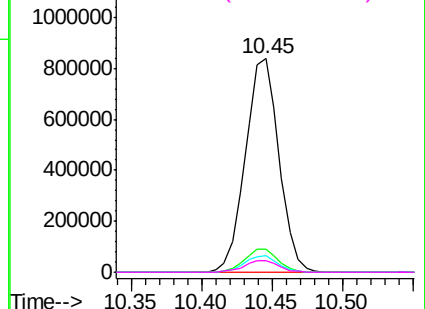
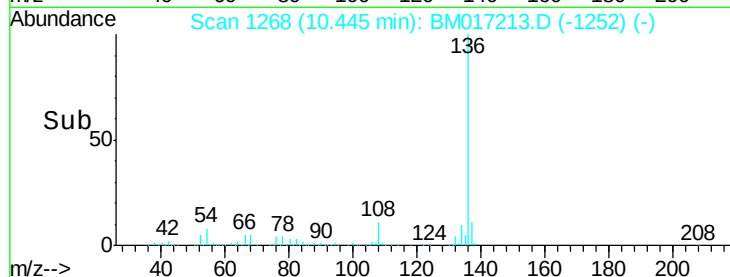


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 5.951 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Tgt Ion:105 Resp: 210823

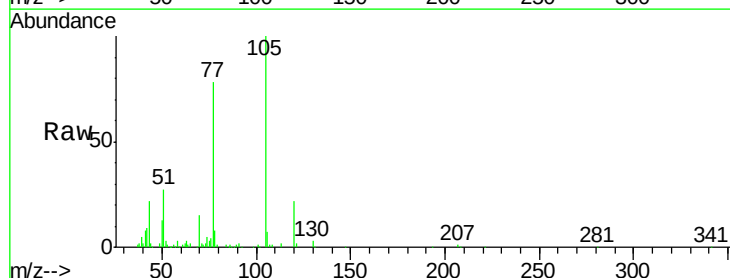
Ion Ratio Lower Upper

105 100

71 2.1 2.0 3.0

51 27.2 20.6 31.0

120 21.8 17.5 26.3

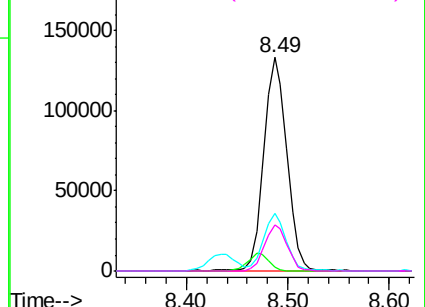
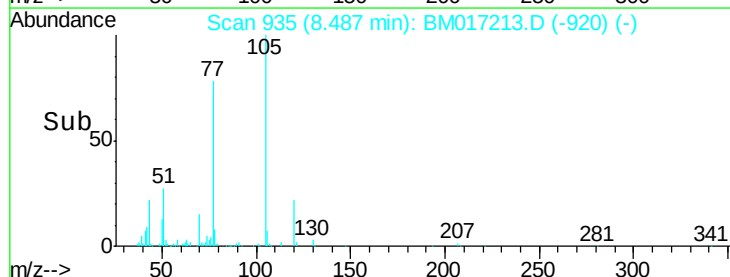


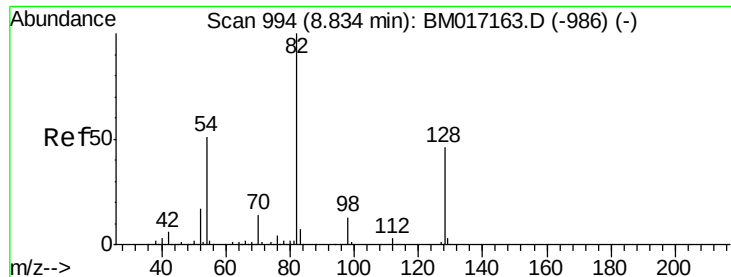
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





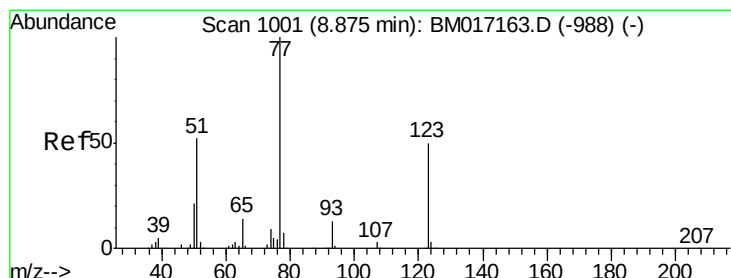
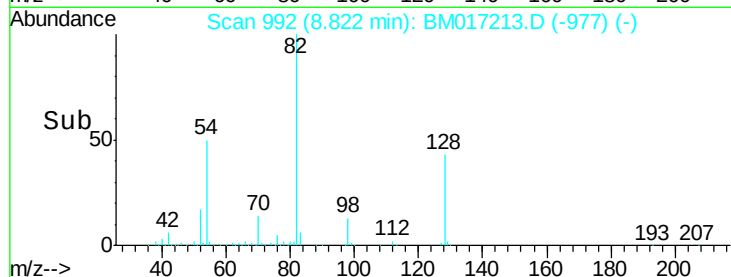
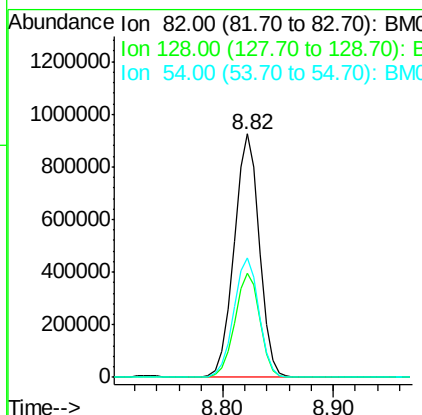
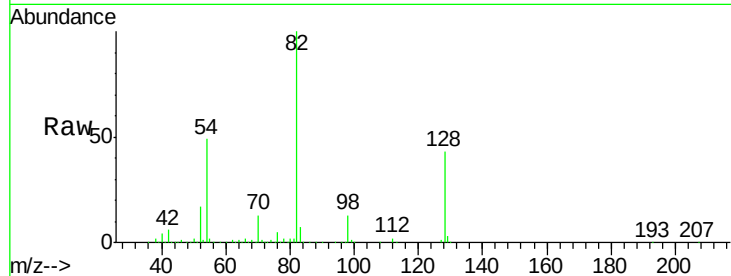
#23  
 Nitrobenzene-d5  
 Concen: 61.986 ng  
 RT: 8.82 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

Tgt Ion: 82 Resp: 1481326  
 Ion Ratio Lower Upper  
 82 100  
 128 42.5 37.0 55.6  
 54 49.2 40.7 61.1

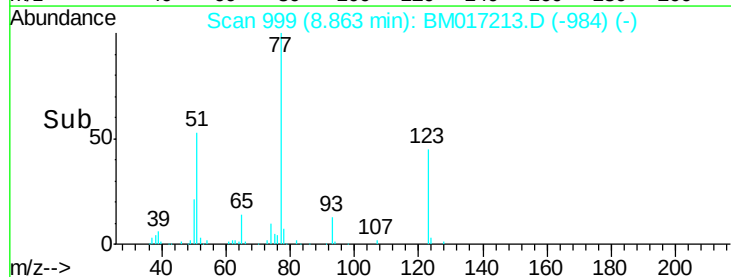
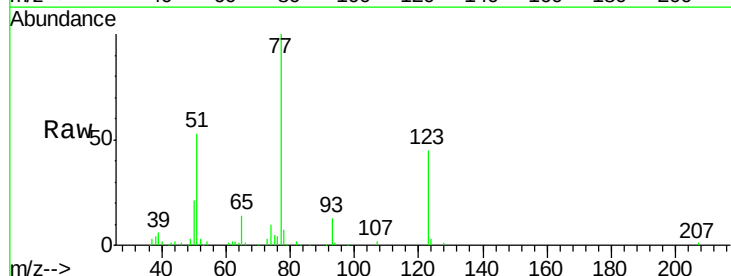
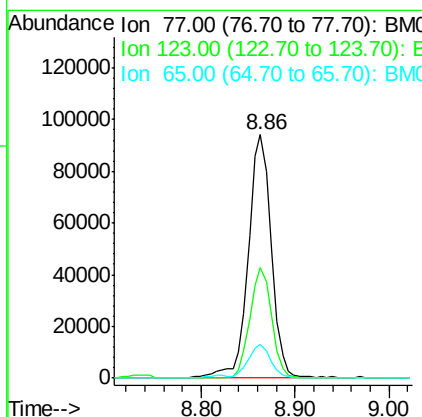
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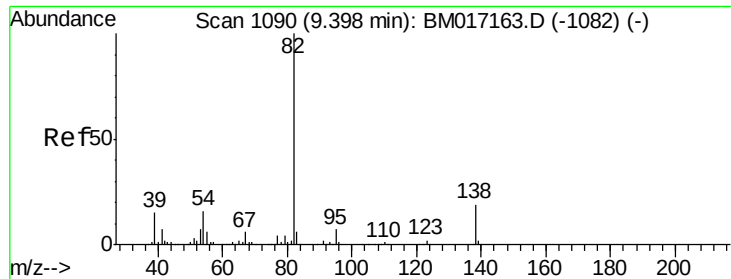


#24  
 Nitrobenzene  
 Concen: 6.332 ng  
 RT: 8.86 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Tgt Ion: 77 Resp: 160065  
 Ion Ratio Lower Upper  
 77 100  
 123 45.1 40.2 60.4  
 65 13.7 11.4 17.0







#25

Isophorone

Concen: 6.684 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

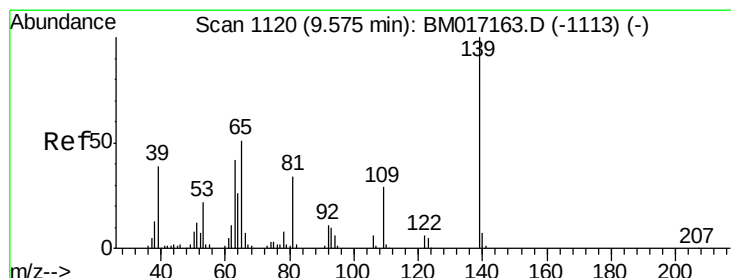
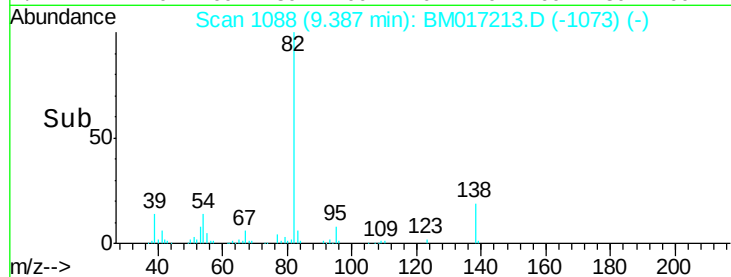
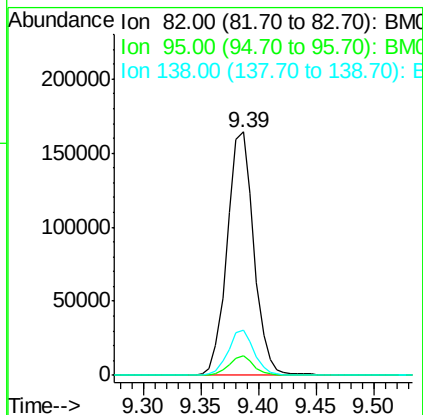
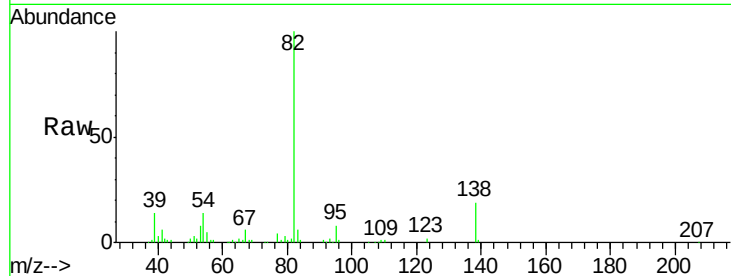
ClientSampleId :

PB113953BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 263759 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.9   | 6.0   | 9.0    |
| 138       | 18.5  | 15.4  | 23.2   |

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#26

2-Nitrophenol

Concen: 10.558 ng

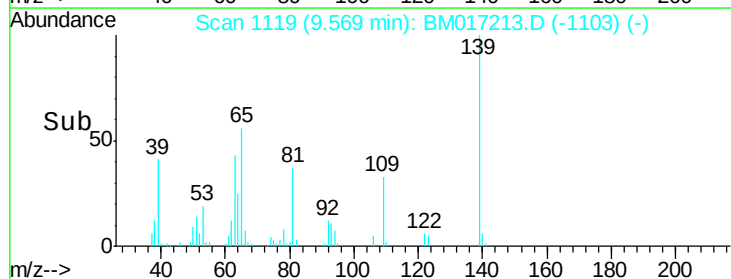
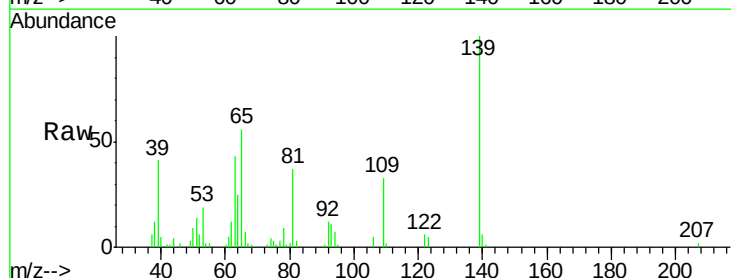
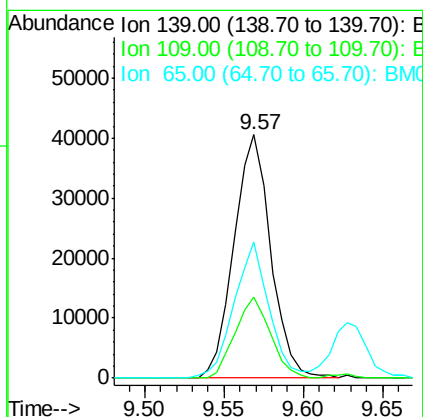
RT: 9.57 min Scan# 1119

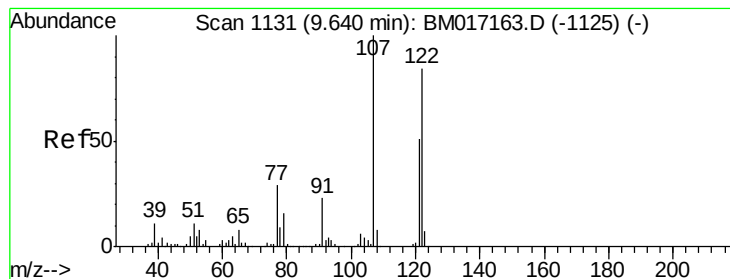
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 65174 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 33.1  | 23.2  | 34.8  |
| 65        | 56.1  | 40.6  | 61.0  |





#27

2,4-Dimethylphenol

Concen: 7.309 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

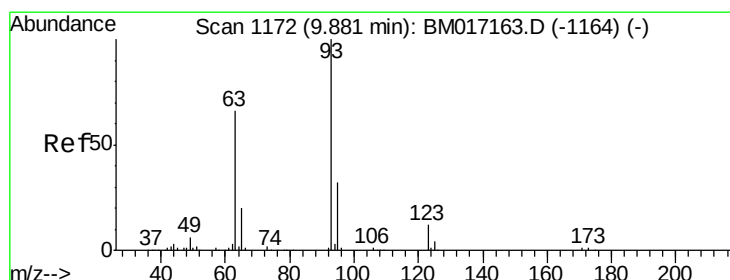
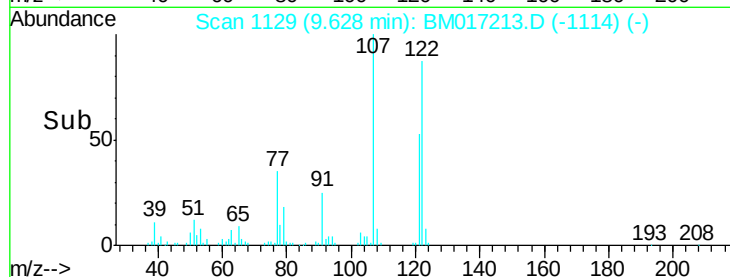
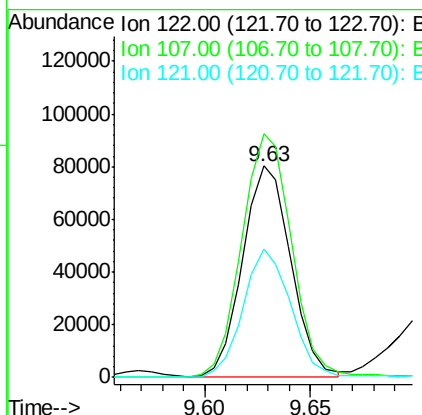
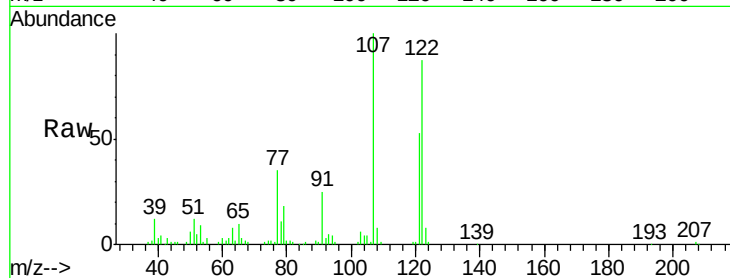
ClientSampleId :

PB113953BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 127537 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 115.1 | 95.0  | 142.6  |
| 121       | 60.4  | 48.2  | 72.4   |

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#28

bis(2-Chloroethoxy)methane

Concen: 6.287 ng

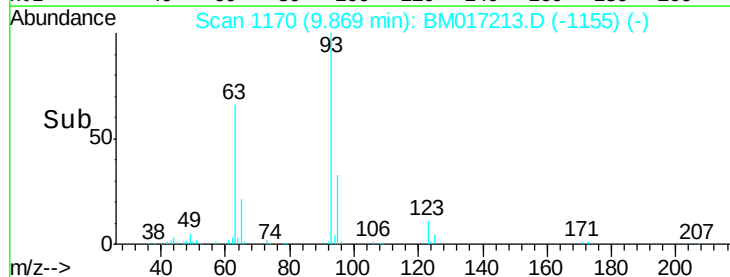
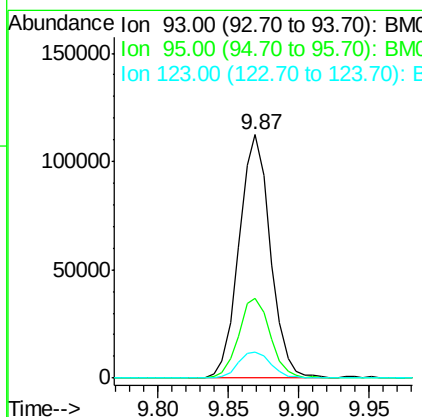
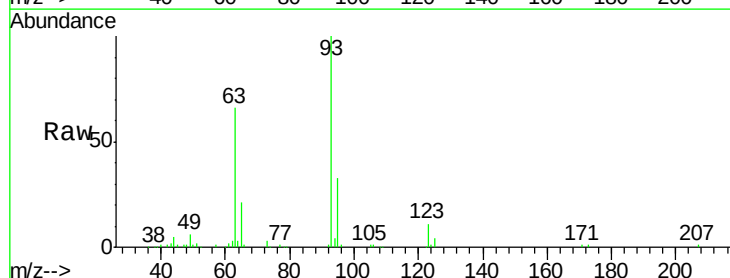
RT: 9.87 min Scan# 1170

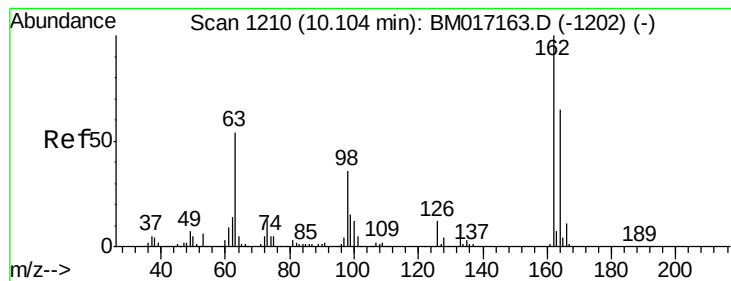
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 174610 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.9  | 25.7  | 38.5   |
| 123       | 10.8  | 9.4   | 14.0   |





#29

2,4-Dichlorophenol

Concen: 6.231 ng

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

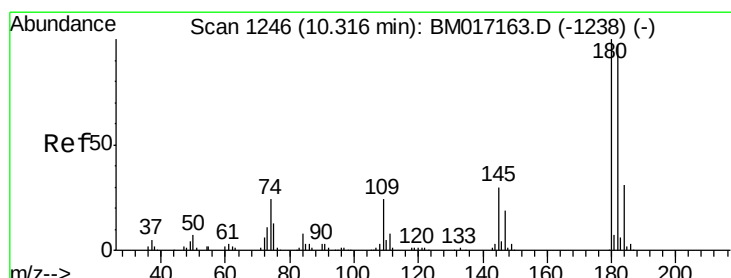
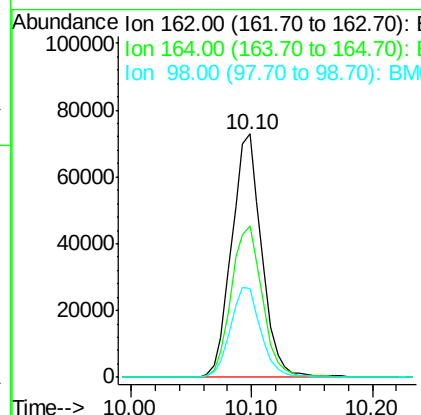
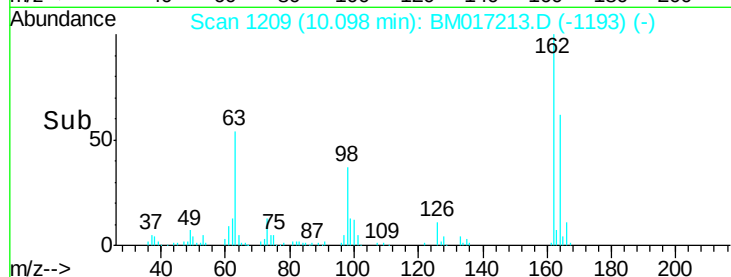
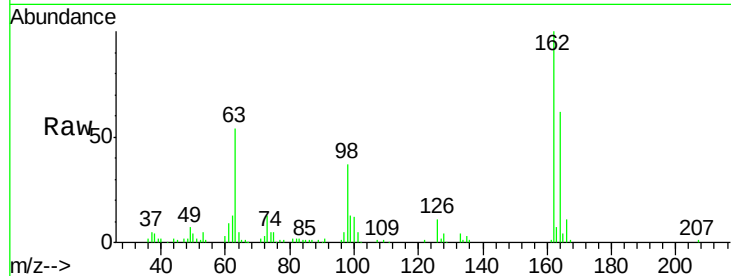
ClientSampled :

PB113953BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 126229 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.0  | 44.9  | 84.9   |
| 98        | 36.5  | 15.8  | 55.8   |

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#30

1,2,4-Trichlorobenzene

Concen: 5.918 ng

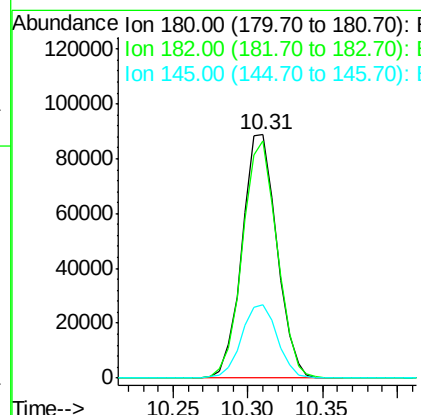
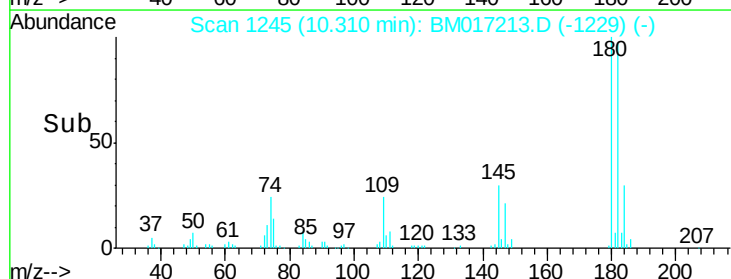
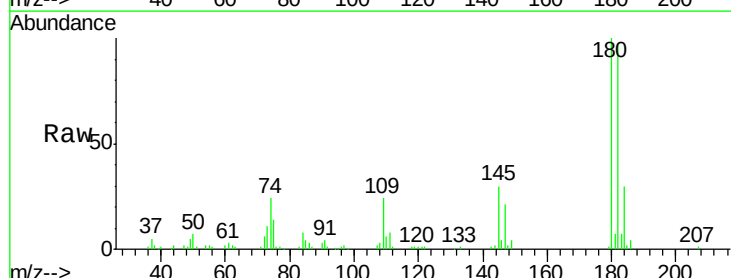
RT: 10.31 min Scan# 1245

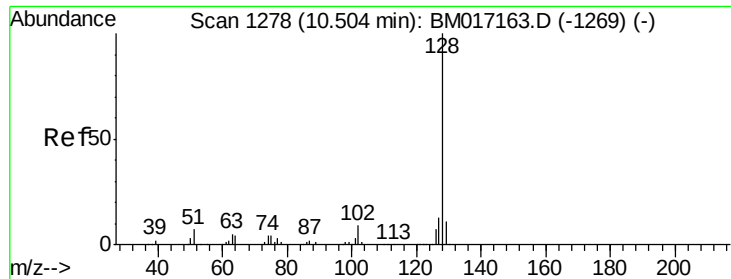
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 143831 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.5  | 77.5  | 116.3  |
| 145       | 30.1  | 24.0  | 36.0   |





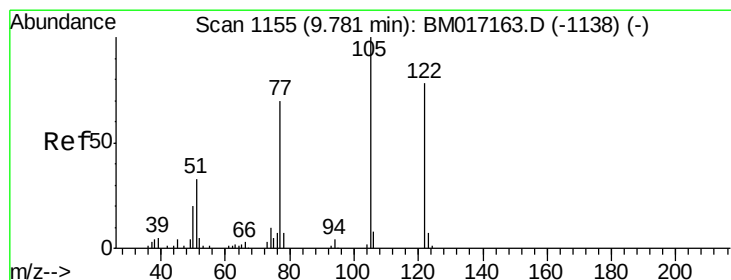
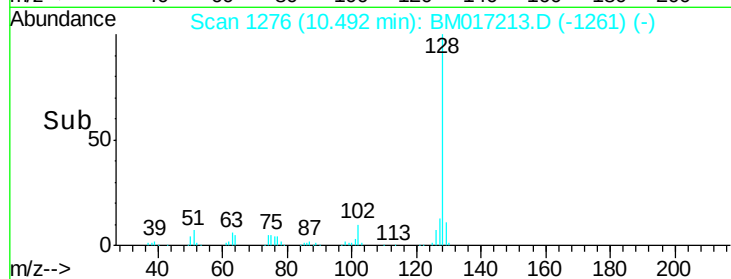
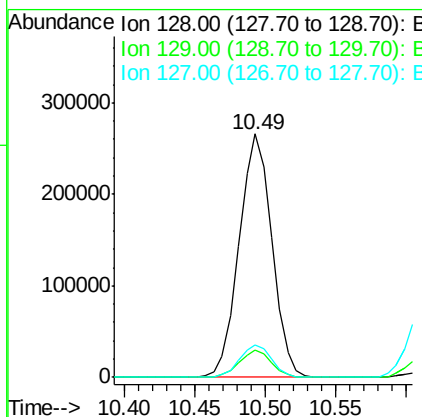
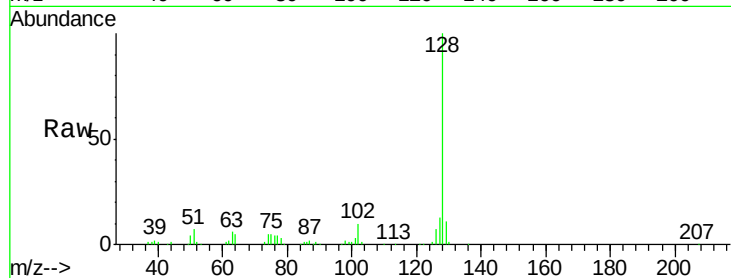
#31  
Naphthalene  
Concen: 6.307 ng  
RT: 10.49 min Scan# 1276  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.5   | 12.7  |
| 127     | 13.1  | 10.3  | 15.5  |

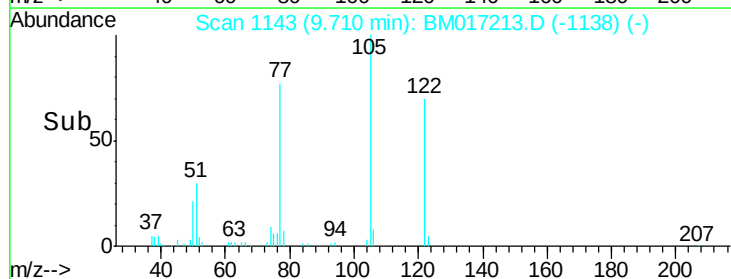
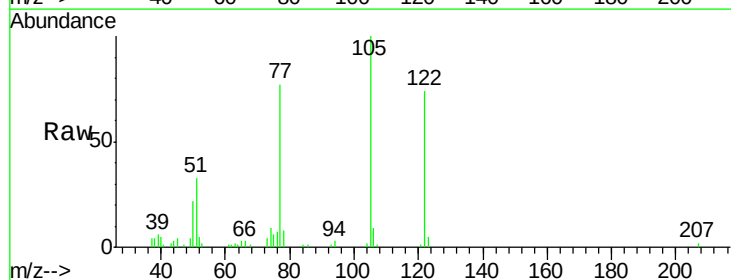
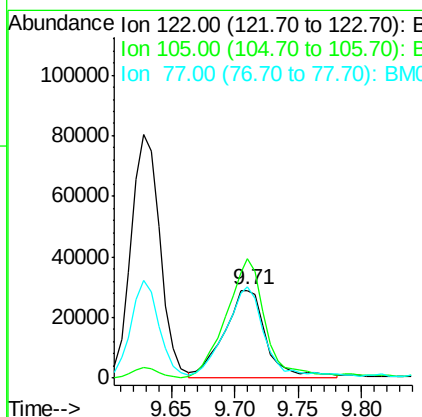
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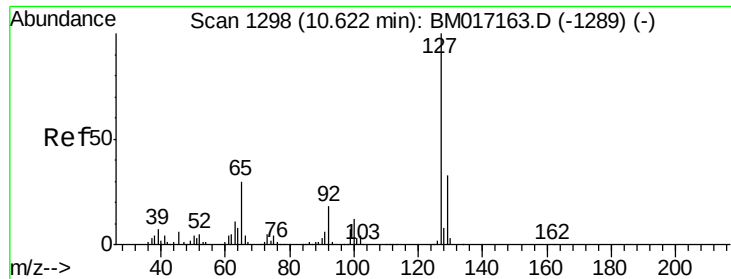
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#32  
Benzoic acid  
Concen: 5.205 ng m  
RT: 9.71 min Scan# 1143  
Delta R.T. -0.07 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.3 | 102.0 | 142.0 |
| 77      | 104.4 | 67.7  | 107.7 |





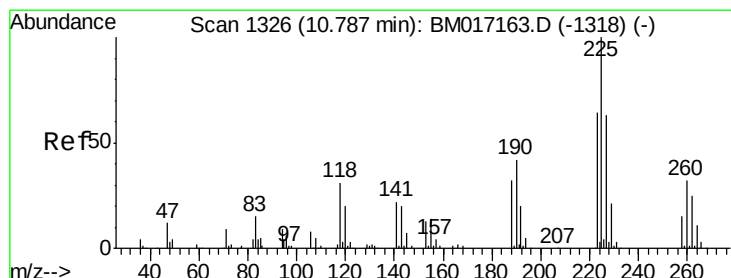
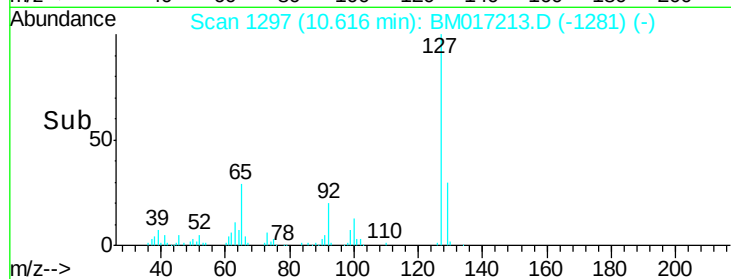
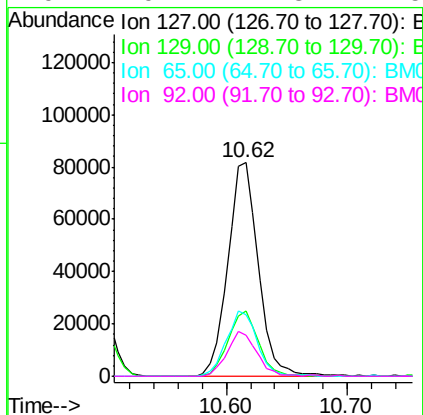
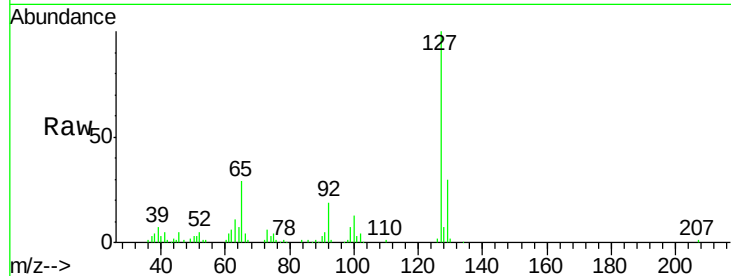
#33  
4-Chloroaniline  
Concen: 4.857 ng  
RT: 10.62 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 143670 |       |       |
| 129     | 30.4  | 26.2   | 39.4  |       |
| 65      | 28.8  | 23.7   | 35.5  |       |
| 92      | 19.4  | 14.3   | 21.5  |       |

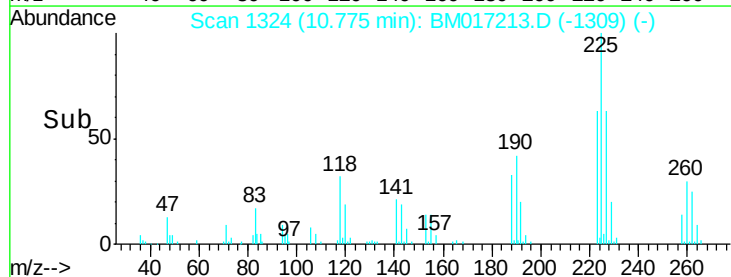
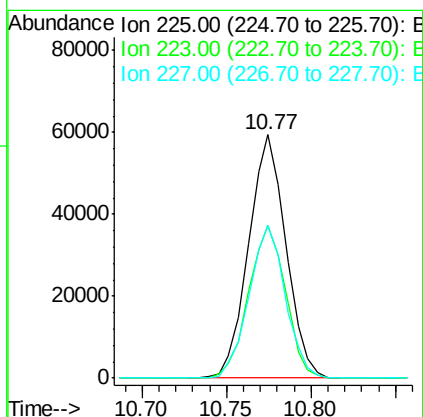
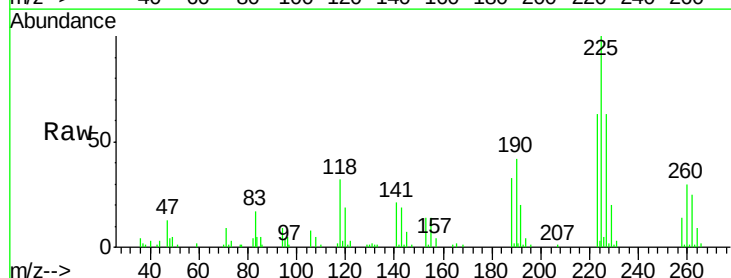
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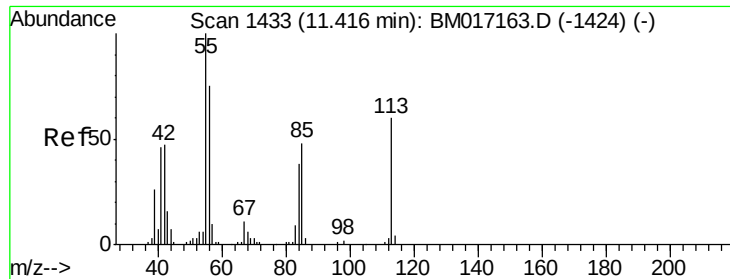
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#34  
Hexachlorobutadiene  
Concen: 5.931 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 91338 |       |       |
| 223     | 62.6  | 51.0  | 76.6  |       |
| 227     | 62.6  | 50.8  | 76.2  |       |





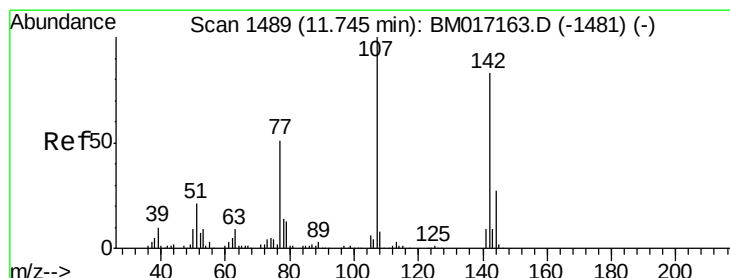
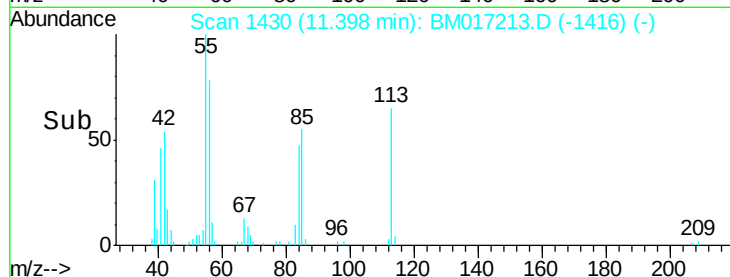
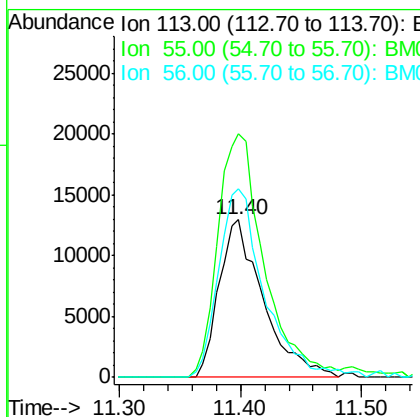
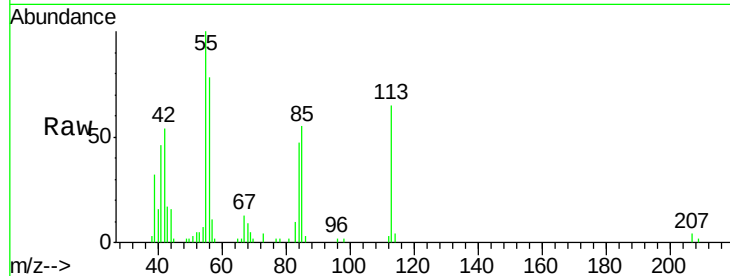
#35  
 Caprolactam  
 Concen: 4.469 ng  
 RT: 11.40 min Scan# 1430  
 Delta R.T. -0.02 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 154.3 | 147.0 | 187.0 |
| 56      | 119.9 | 104.5 | 144.5 |

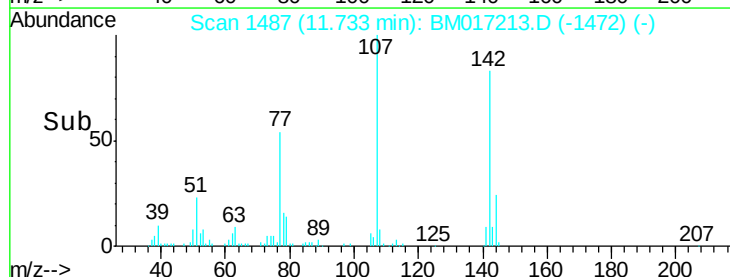
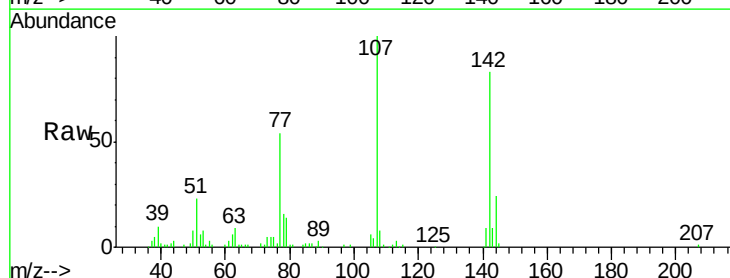
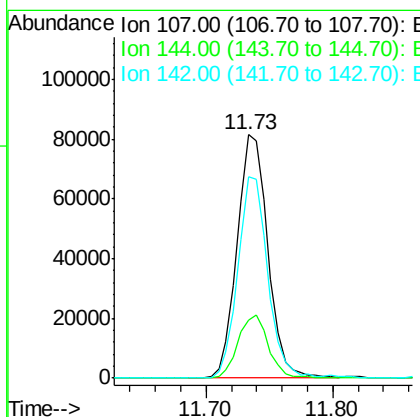
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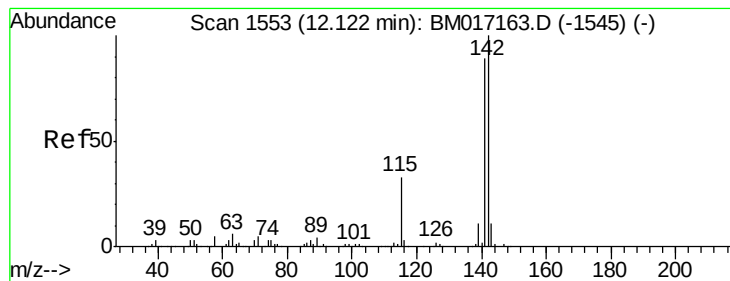
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#36  
 4-Chloro-3-methylphenol  
 Concen: 6.005 ng  
 RT: 11.73 min Scan# 1487  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.1  | 21.6  | 32.4  |
| 142     | 82.8  | 66.0  | 99.0  |





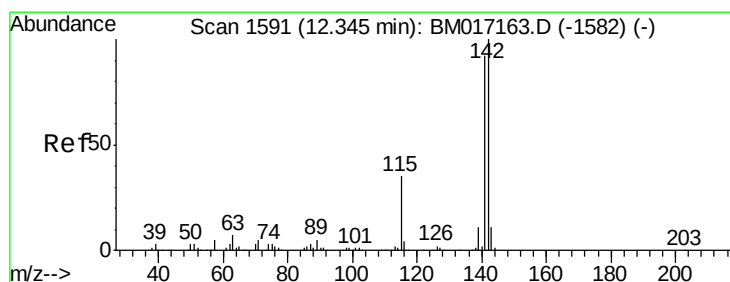
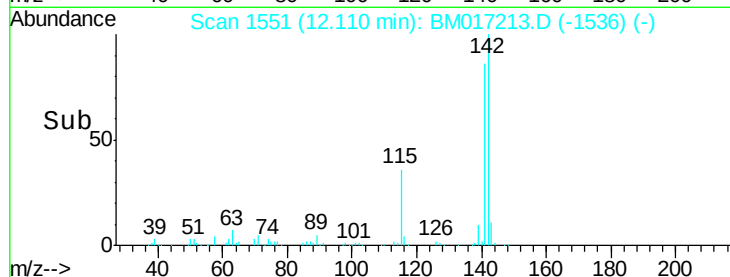
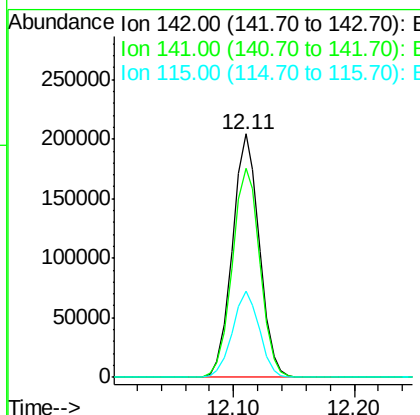
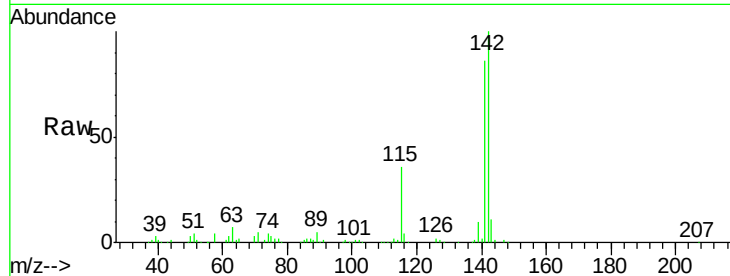
#37  
 2-Methylnaphthalene  
 Concen: 6.772 ng  
 RT: 12.11 min Scan# 1551  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.0  | 70.9  | 106.3 |
| 115     | 35.6  | 26.4  | 39.6  |

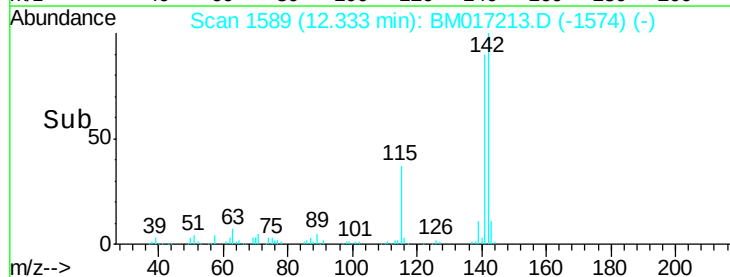
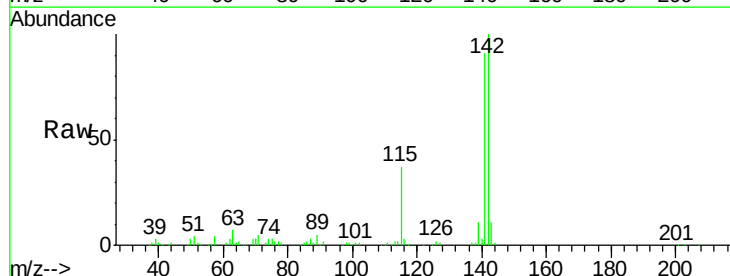
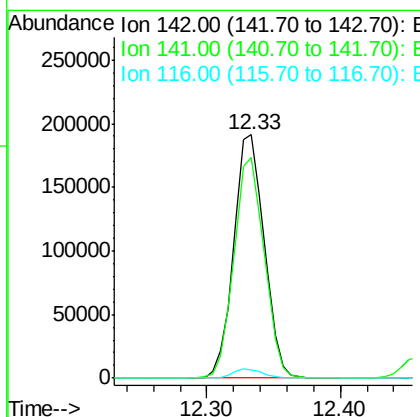
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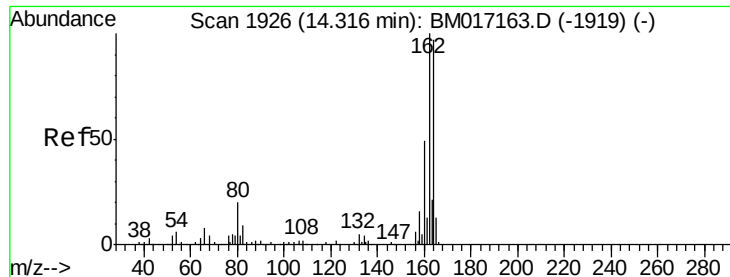
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#38  
 1-Methylnaphthalene  
 Concen: 6.661 ng  
 RT: 12.33 min Scan# 1589  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 73.8  | 110.6 |
| 116     | 3.4   | 2.9   | 4.3   |





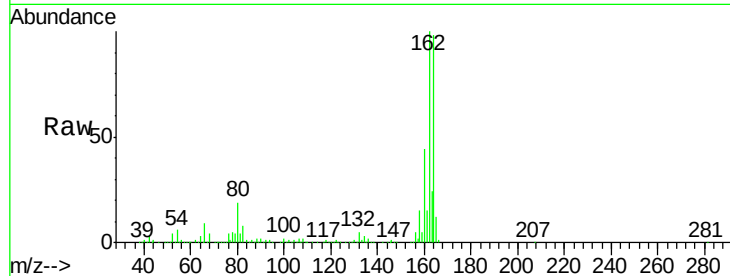
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.31 min Scan# 1925  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 807933 |       |       |
| 162     | 101.8 | 82.1   | 123.1 |       |
| 160     | 45.1  | 40.2   | 60.2  |       |

Manual Integrations  
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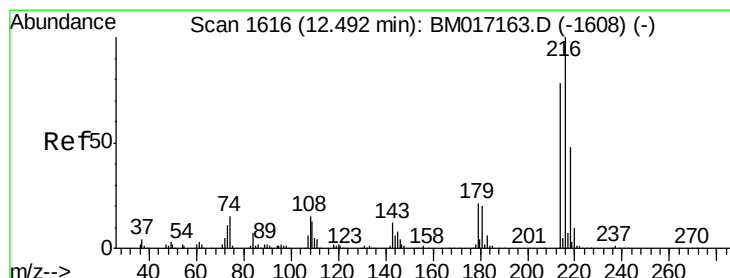
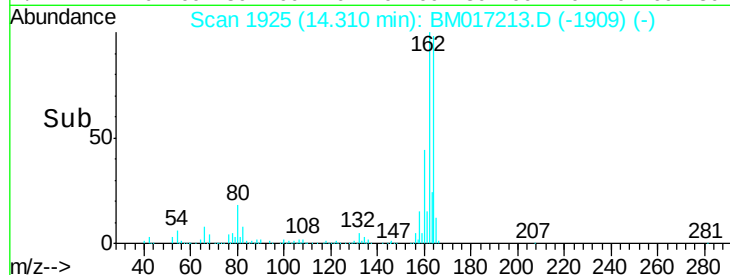
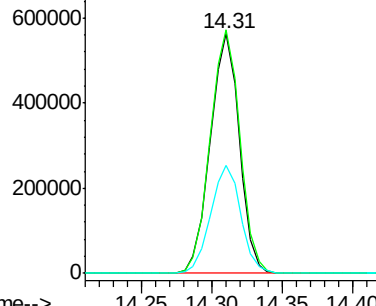


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 5.903 ng  
RT: 12.48 min Scan# 1614  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 167969 |       |       |
| 214     | 76.4  | 62.6   | 93.8  |       |
| 179     | 20.5  | 16.6   | 24.8  |       |
| 108     | 19.5  | 13.5   | 20.3  |       |

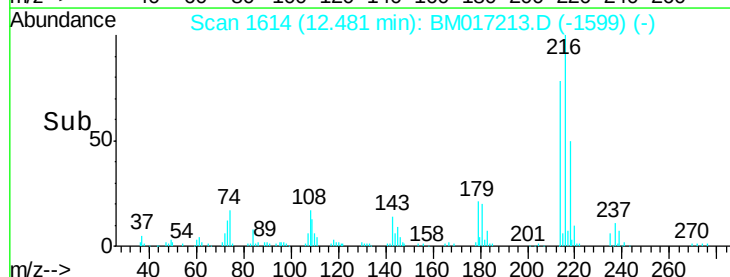
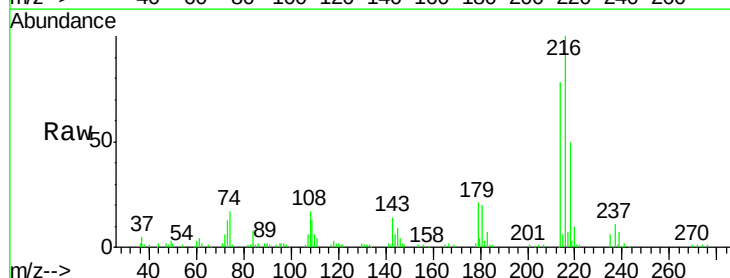
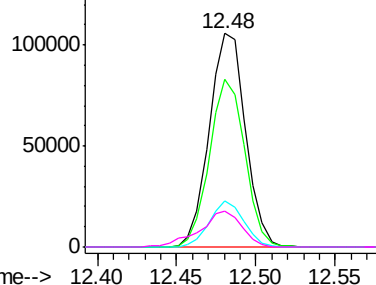
Abundance

Ion 216.00 (215.70 to 216.70): E

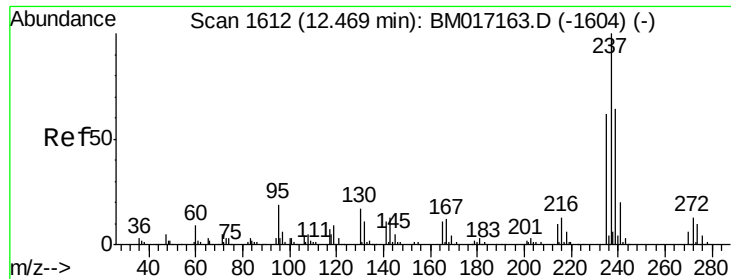
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







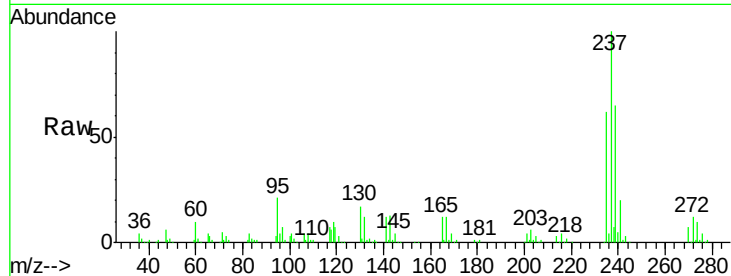
#41  
Hexachlorocyclopentadiene  
Concen: 15.496 ng  
RT: 12.46 min Scan# 1610  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

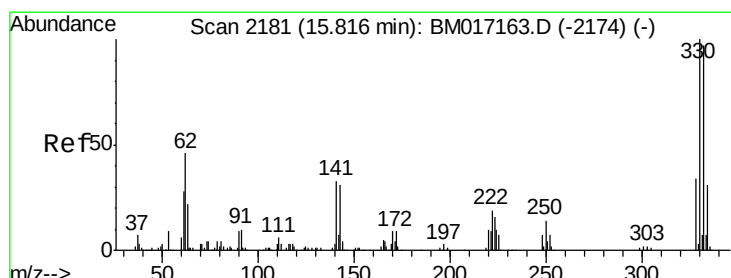
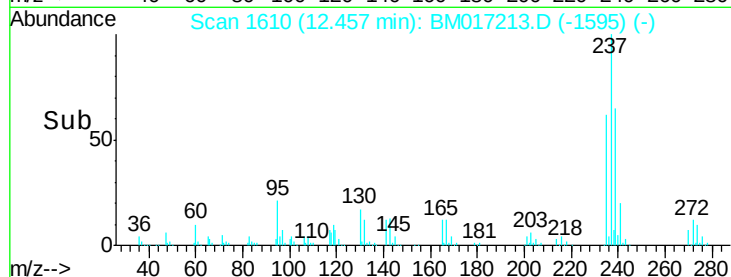
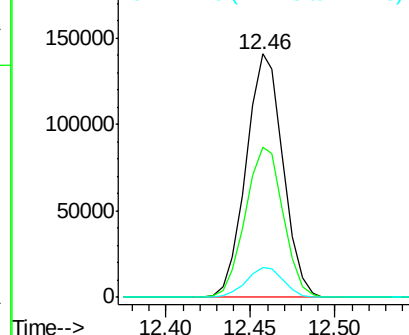
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 61.6  | 42.4       | 82.4       |
| 272     | 12.2  | 0.0        | 33.0       |

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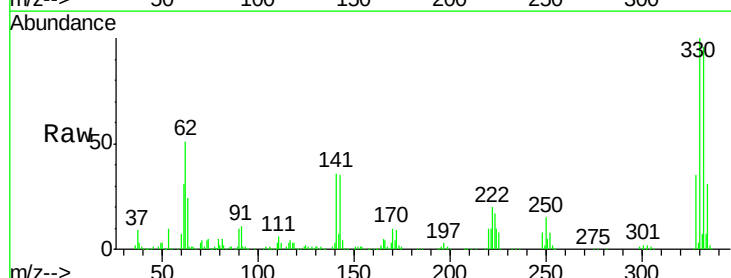


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

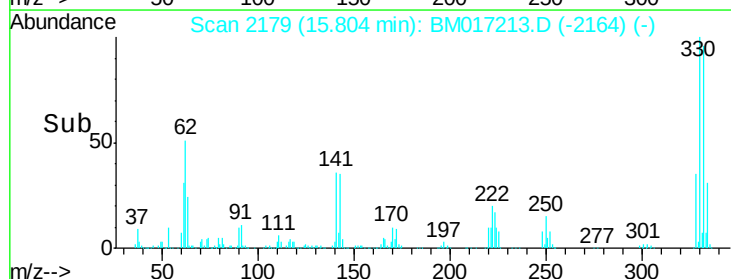
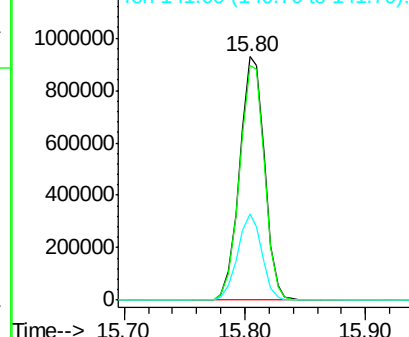


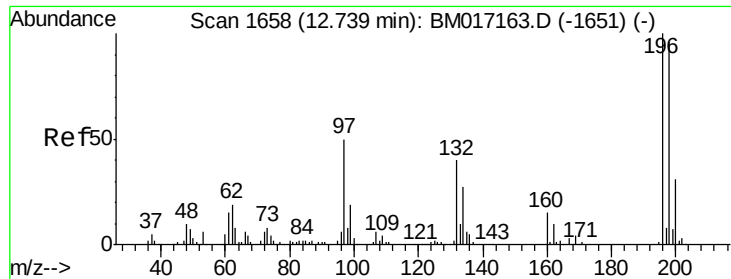
#42  
2,4,6-Tribromophenol  
Concen: 122.166 ng  
RT: 15.80 min Scan# 2179  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 96.8  | 77.3       | 115.9      |
| 141     | 34.5  | 27.4       | 41.0       |



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





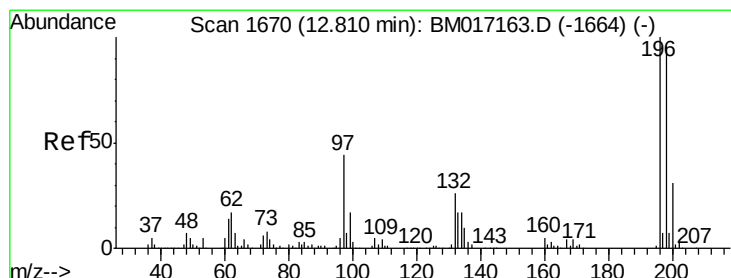
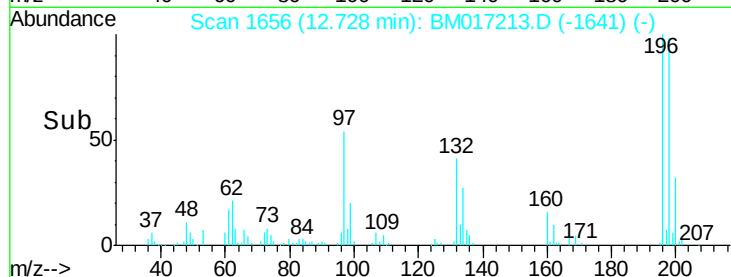
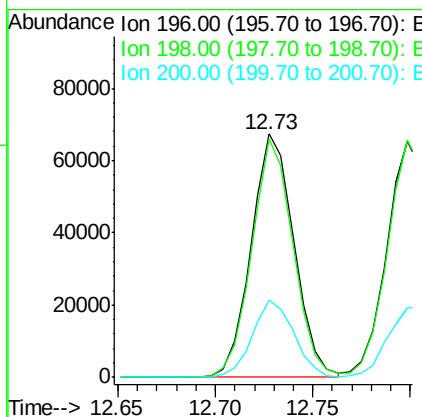
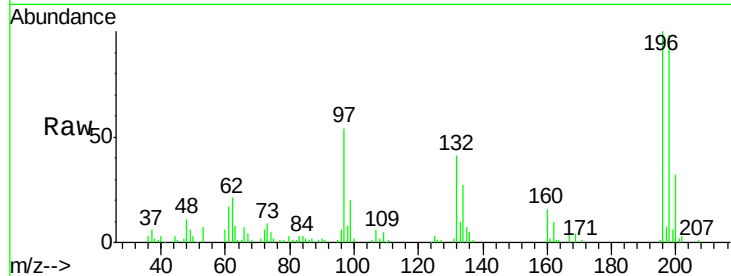
#43  
 2,4,6-Trichlorophenol  
 Concen: 6.199 ng  
 RT: 12.73 min Scan# 1656  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 102392 |       |       |
| 198     | 97.8  | 77.1   | 115.7 |       |
| 200     | 31.7  | 25.0   | 37.4  |       |

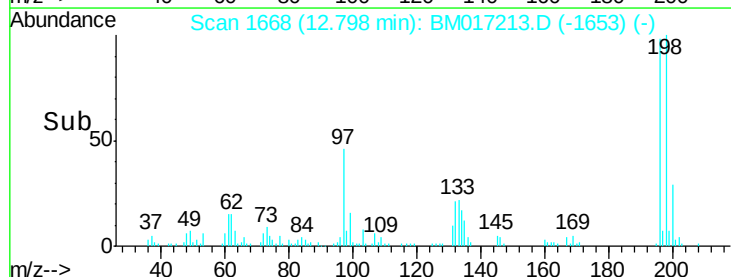
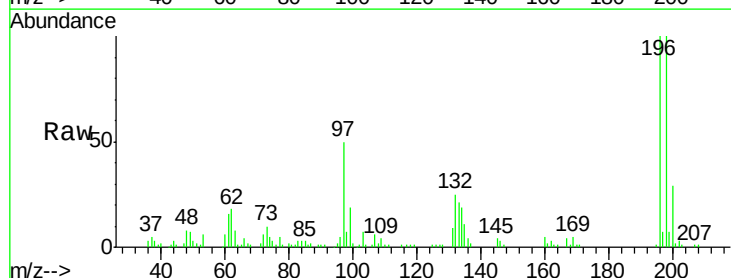
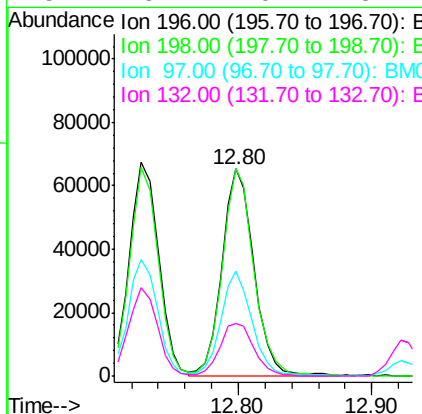
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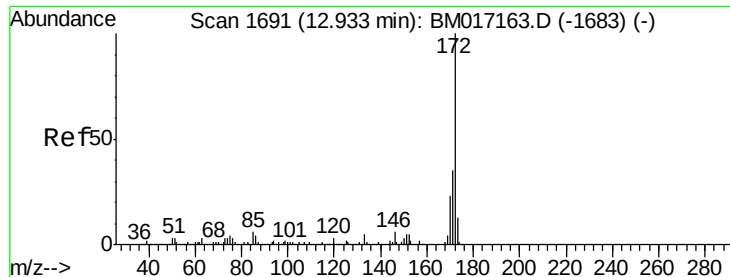
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#44  
 2,4,5-Trichlorophenol  
 Concen: 6.196 ng  
 RT: 12.80 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 109734 |       |       |
| 198     | 100.4 | 76.6   | 115.0 |       |
| 97      | 50.7  | 35.5   | 53.3  |       |
| 132     | 25.2  | 20.7   | 31.1  |       |





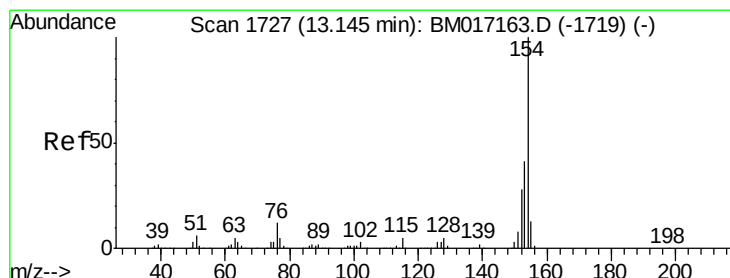
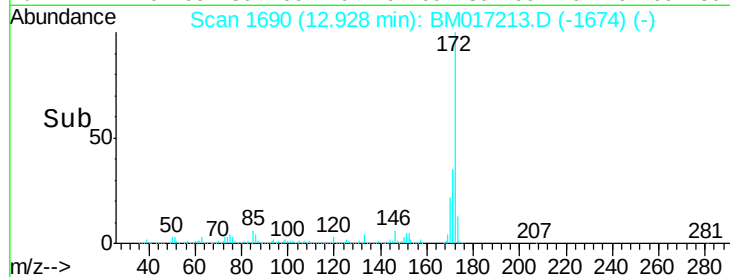
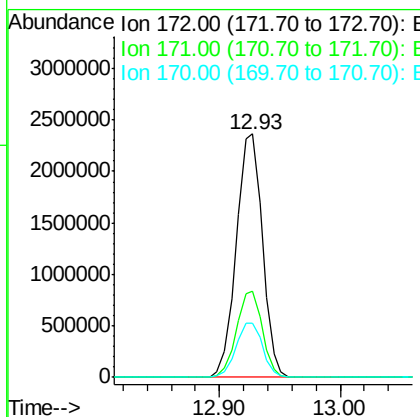
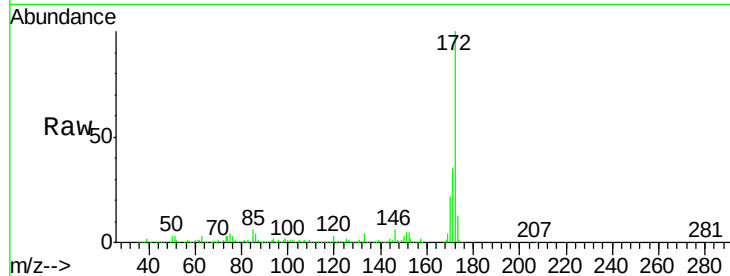
#45  
2-Fluorobiphenyl  
Concen: 58.833 ng  
RT: 12.93 min Scan# 1690  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

Tgt Ion:172 Resp: 3572490  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 22.5 18.3 27.5

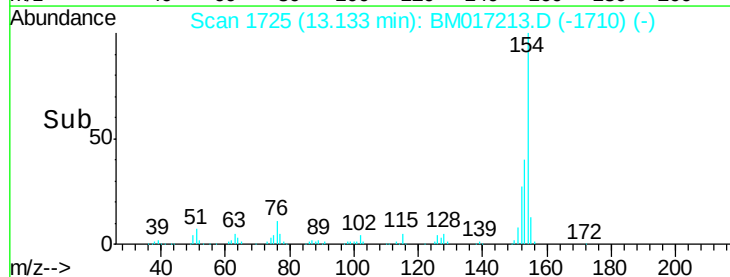
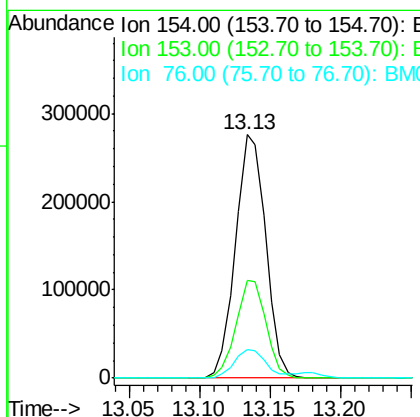
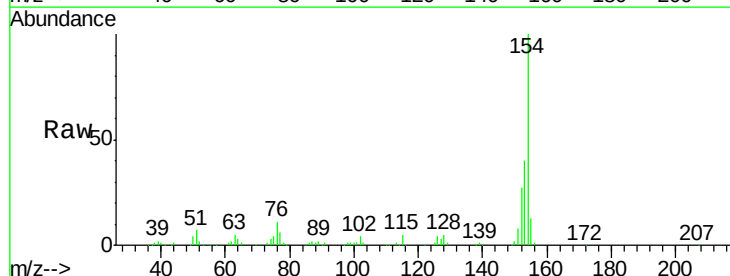
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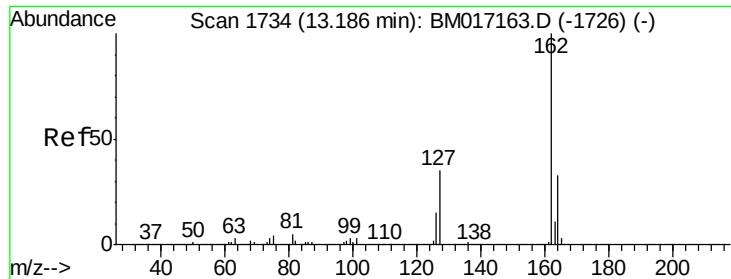
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#46  
1,1'-Biphenyl  
Concen: 5.679 ng  
RT: 13.13 min Scan# 1725  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Tgt Ion:154 Resp: 412875  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.5 60.5  
76 11.5 0.0 31.8





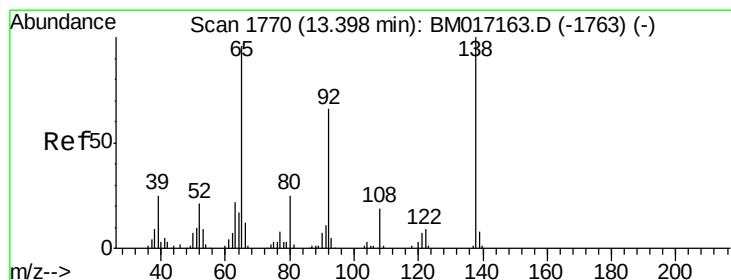
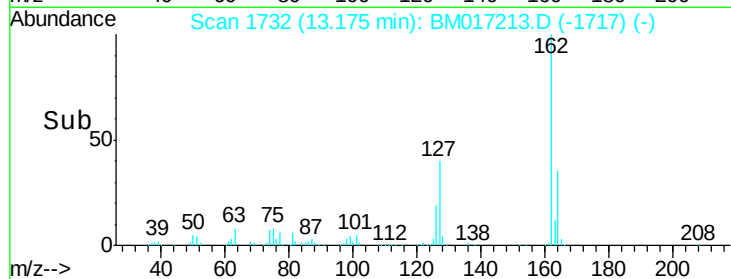
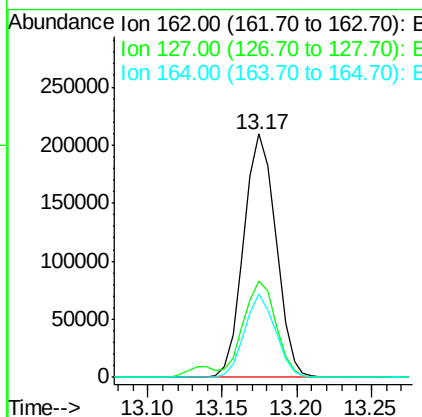
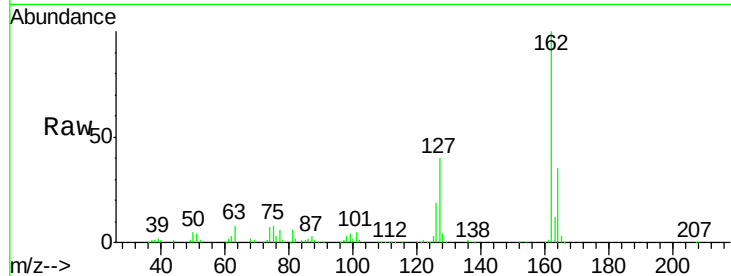
#47  
2-Chloronaphthalene  
Concen: 5.871 ng  
RT: 13.17 min Scan# 1732  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 314036 |       |       |
| 127     | 39.5  | 31.0   | 46.4  |       |
| 164     | 34.6  | 26.6   | 39.8  |       |

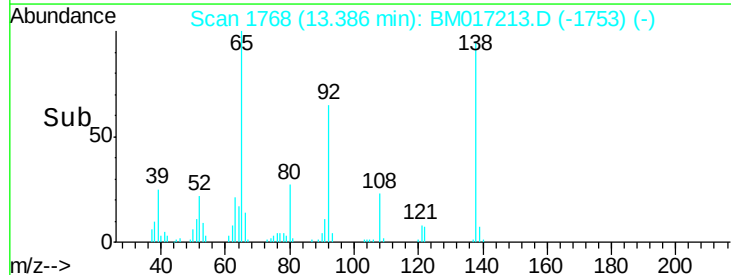
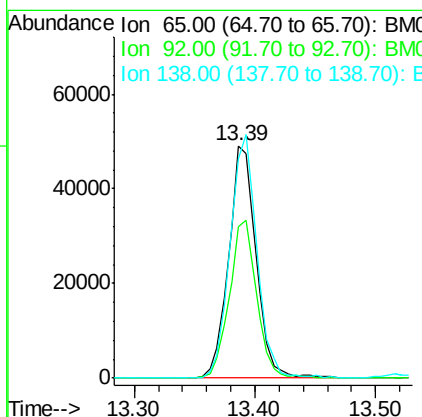
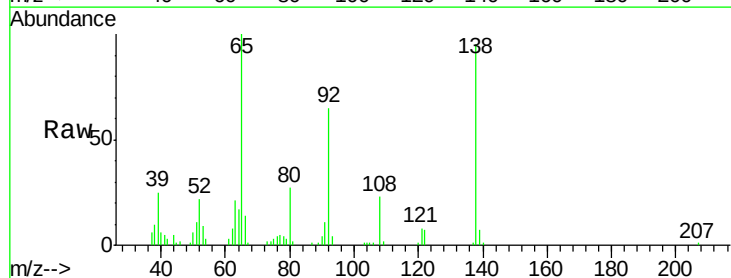
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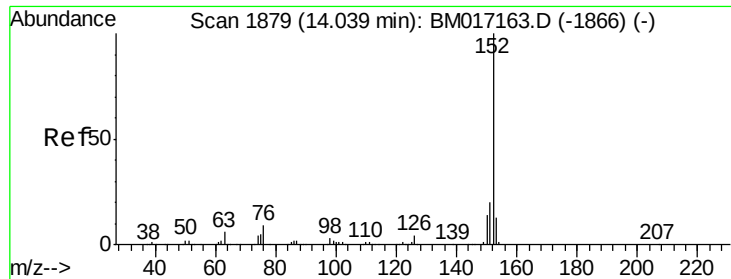
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#48  
2-Nitroaniline  
Concen: 10.236 ng  
RT: 13.39 min Scan# 1768  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 77971 |       |       |
| 92      | 65.0  | 54.9  | 82.3  |       |
| 138     | 94.6  | 83.7  | 125.5 |       |





#49

Acenaphthylene

Concen: 6.304 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

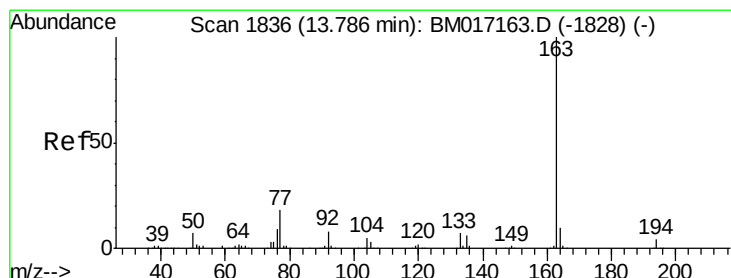
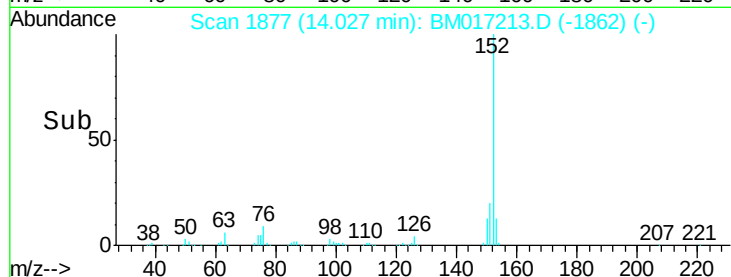
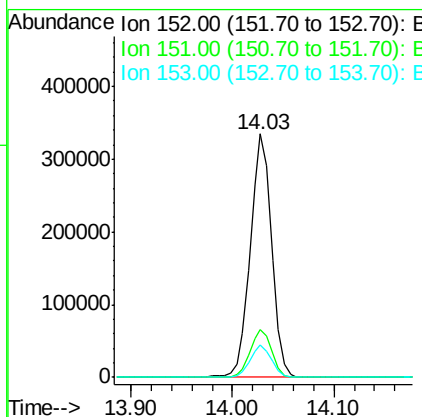
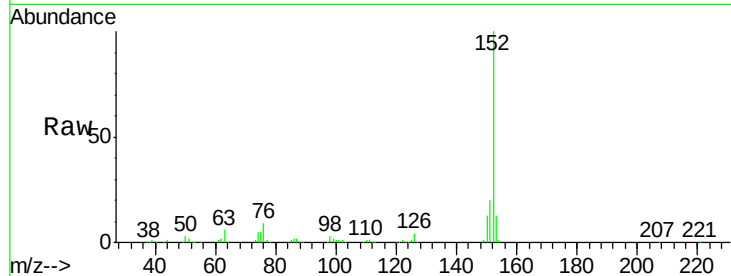
ClientSampleId :

PB113953BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 488737 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.6  | 16.0  | 24.0   |
| 153       | 13.3  | 10.4  | 15.6   |

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#50

Dimethylphthalate

Concen: 6.217 ng

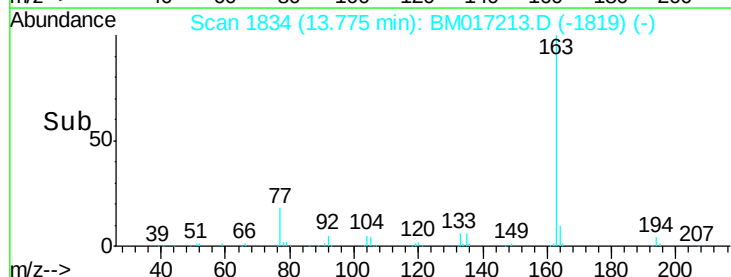
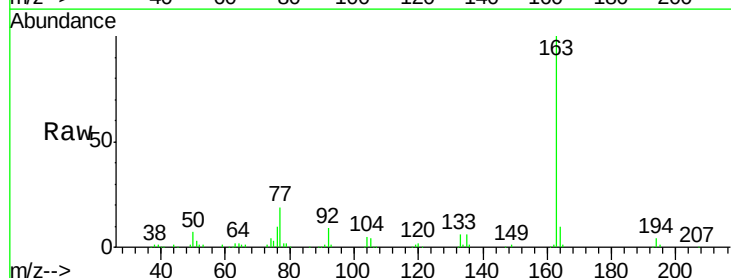
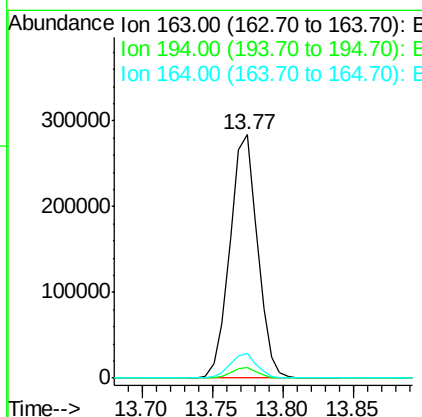
RT: 13.77 min Scan# 1834

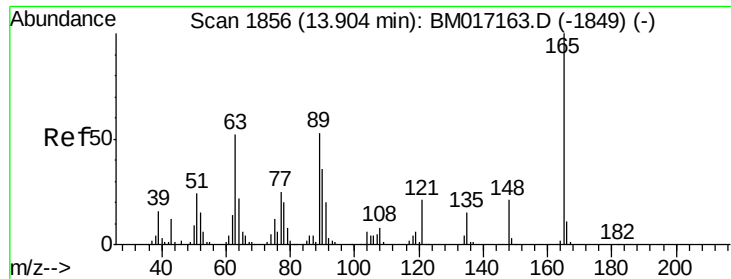
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 387532 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.3   | 3.3   | 4.9    |
| 164       | 10.1  | 7.8   | 11.8   |





#51

2,6-Dinitrotoluene

Concen: 5.589 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

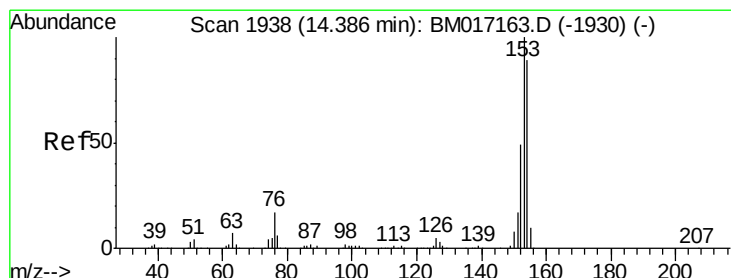
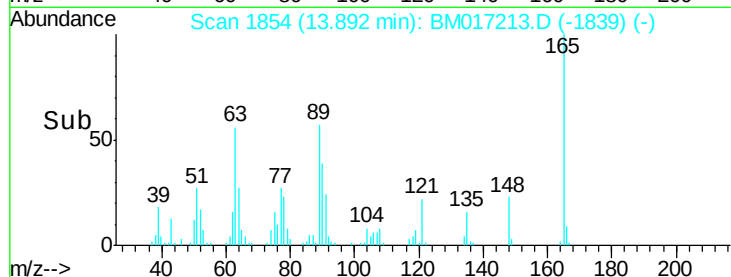
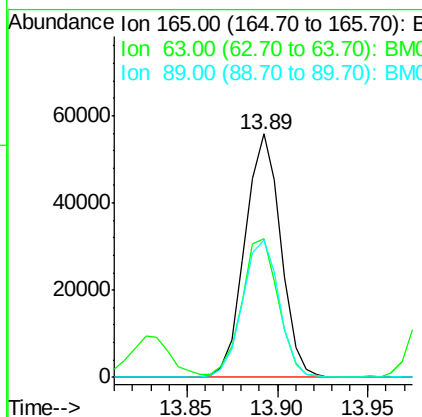
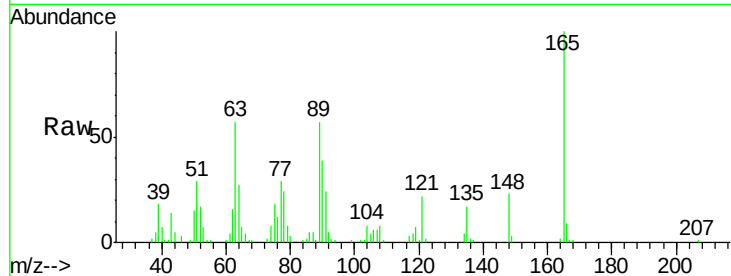
ClientSampleId :

PB113953BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 76676 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 56.9  | 42.7  | 64.1  |
| 89        | 56.5  | 42.1  | 63.1  |

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#52

Acenaphthene

Concen: 6.000 ng

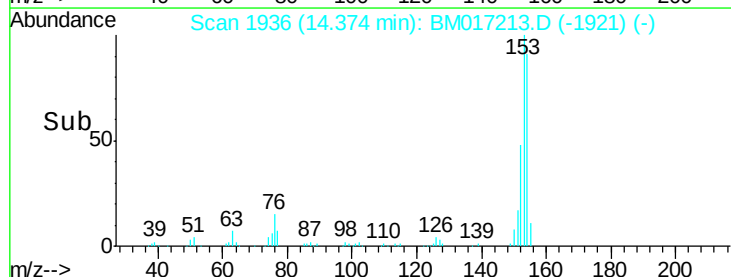
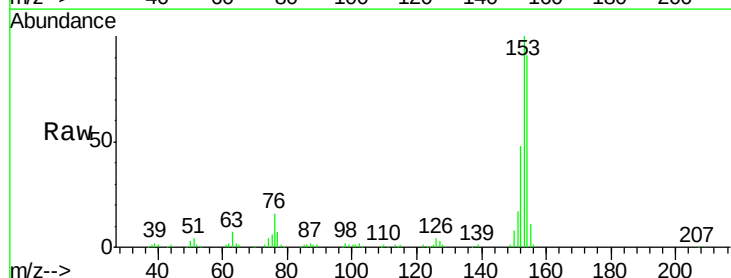
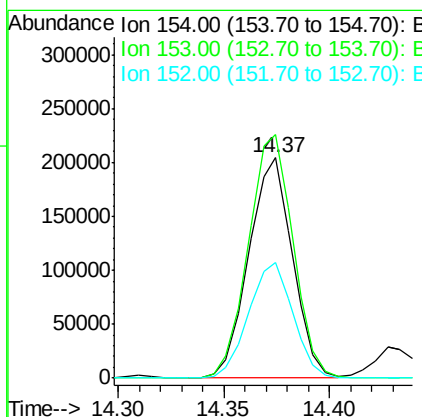
RT: 14.37 min Scan# 1936

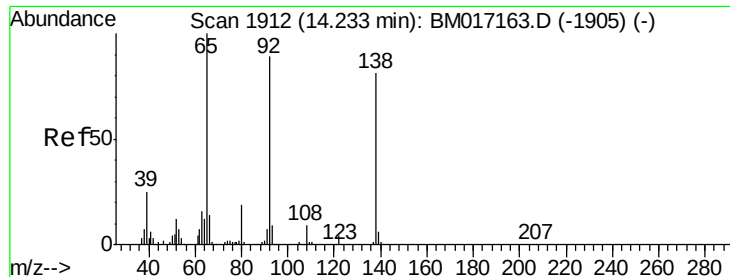
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 292090 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 110.5 | 90.2  | 135.2  |
| 152       | 52.7  | 44.2  | 66.4   |





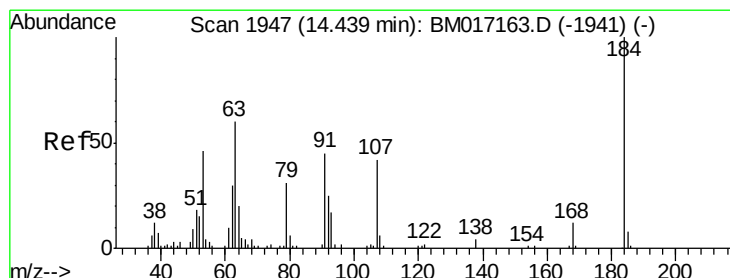
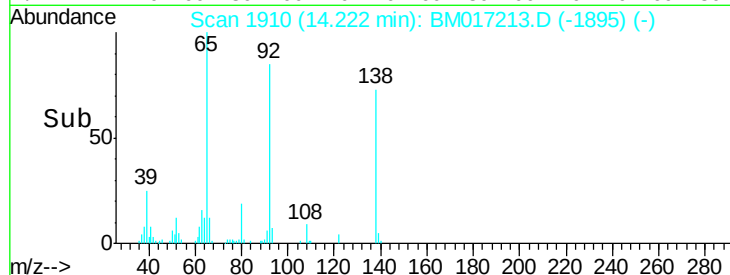
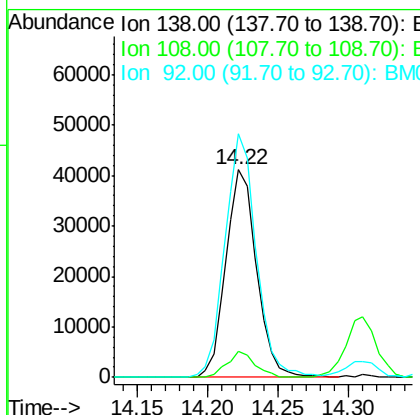
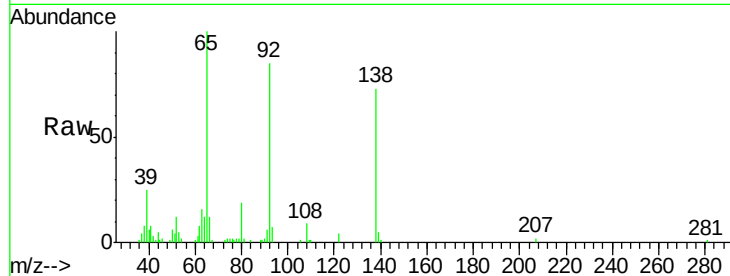
#53  
3-Nitroaniline  
Concen: 4.207 ng  
RT: 14.22 min Scan# 1910  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.6  | 8.7   | 13.1  |
| 92      | 117.4 | 87.9  | 131.9 |

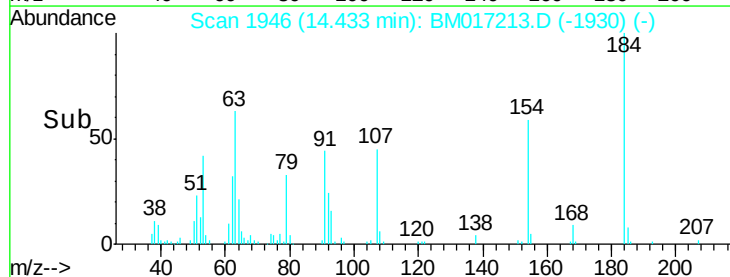
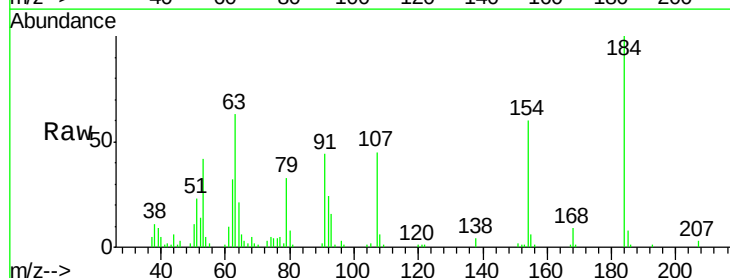
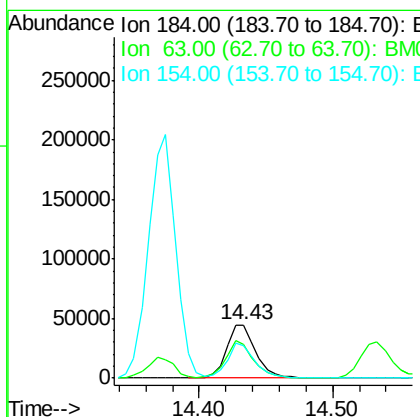
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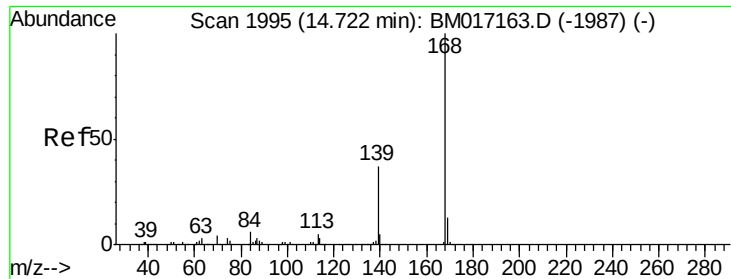
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#54  
2,4-Dinitrophenol  
Concen: 15.846 ng  
RT: 14.43 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 63.3  | 51.2  | 76.8  |
| 154     | 59.8  | 47.8  | 71.8  |





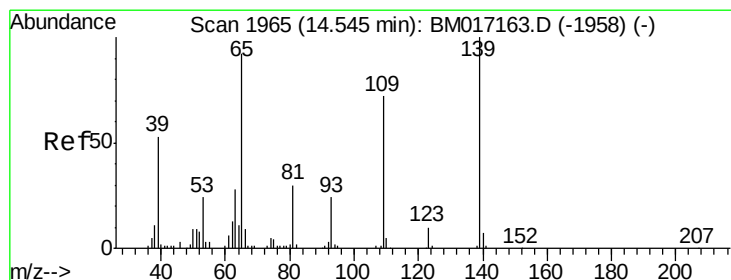
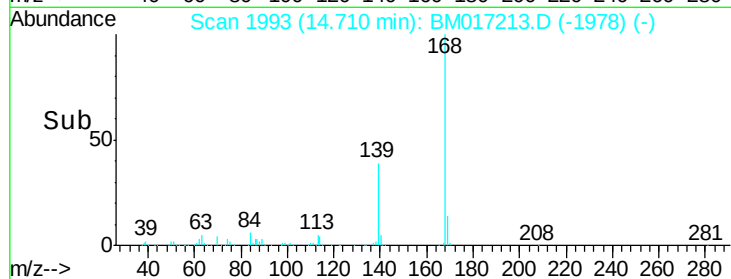
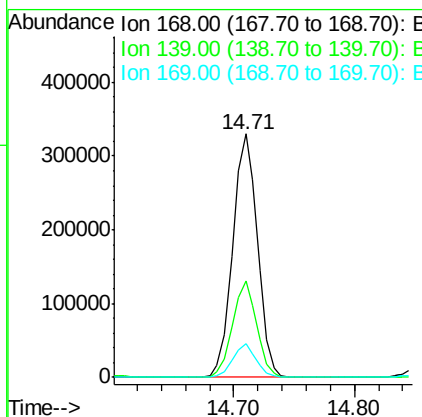
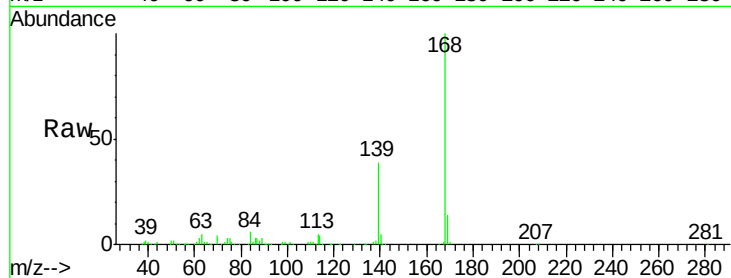
#55  
Dibenzenofuran  
Concen: 5.813 ng  
RT: 14.71 min Scan# 1993  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.4  | 29.3  | 43.9  |
| 169     | 13.6  | 10.6  | 15.8  |

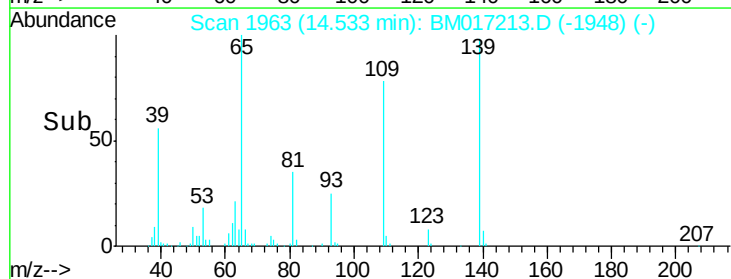
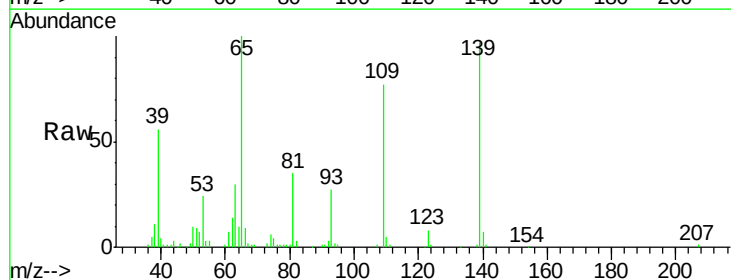
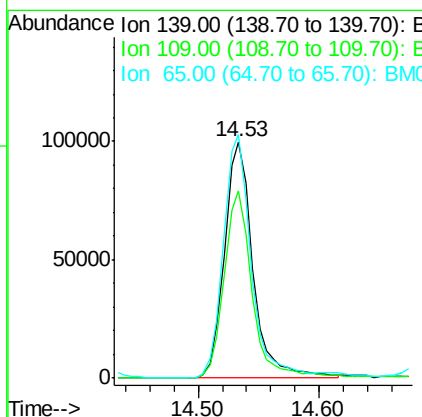
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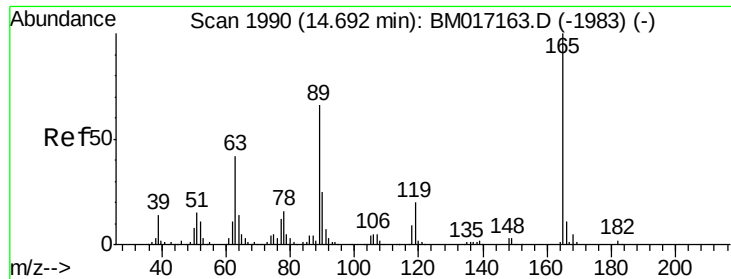


#56  
4-Nitrophenol  
Concen: 16.056 ng  
RT: 14.53 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 79.4  | 51.8  | 91.8  |
| 65      | 103.2 | 72.1  | 112.1 |







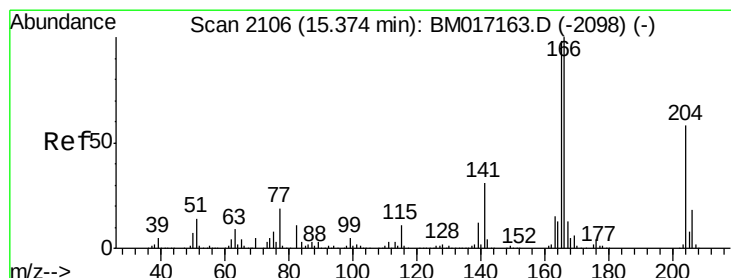
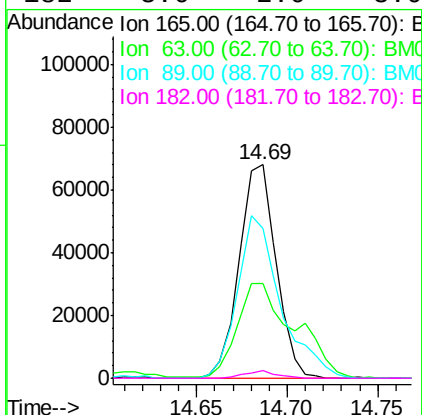
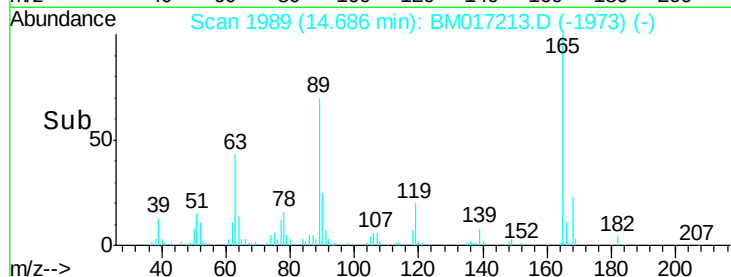
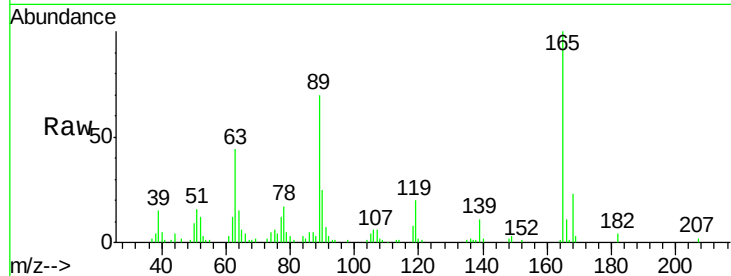
#57  
2,4-Dinitrotoluene  
Concen: 5.240 ng  
RT: 14.69 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 96624 |       |       |
| 63      | 44.3  | 33.8  | 50.8  |       |
| 89      | 70.1  | 53.1  | 79.7  |       |
| 182     | 3.6   | 2.0   | 3.0   |       |

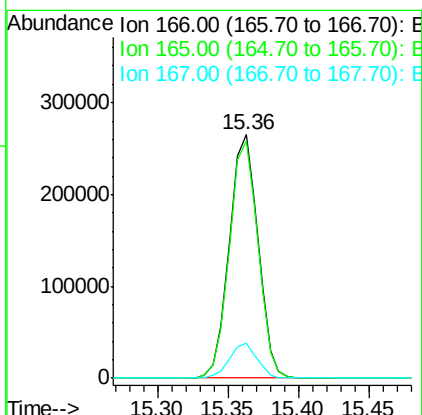
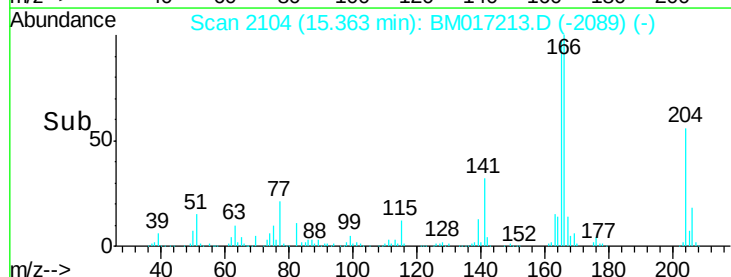
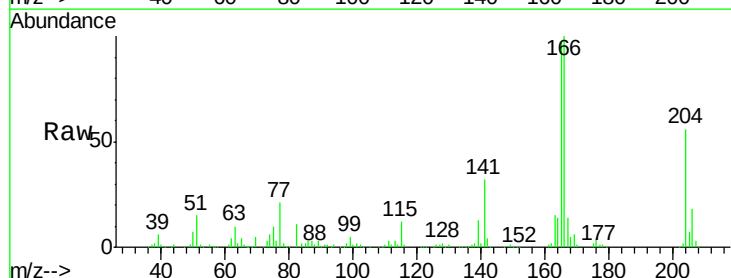
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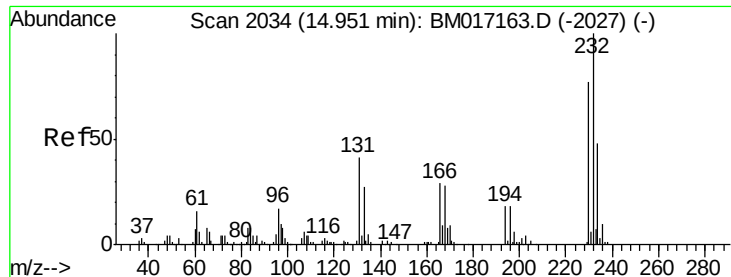
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#58  
Fluorene  
Concen: 6.258 ng  
RT: 15.36 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 374949 |       |       |
| 165     | 97.4  | 78.1   | 117.1 |       |
| 167     | 14.2  | 10.6   | 16.0  |       |





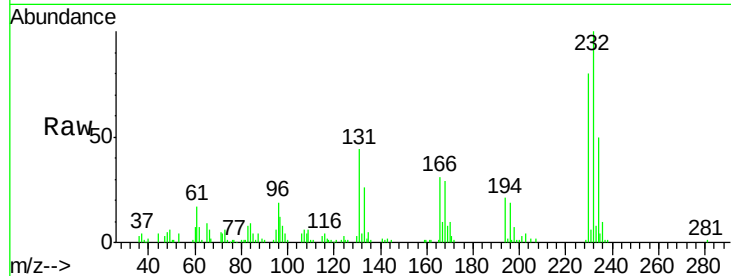
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 6.156 ng  
RT: 14.94 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.1  | 33.1  | 49.7  |
| 130     | 2.6   | 1.7   | 2.5   |
| 166     | 31.8  | 24.4  | 36.6  |

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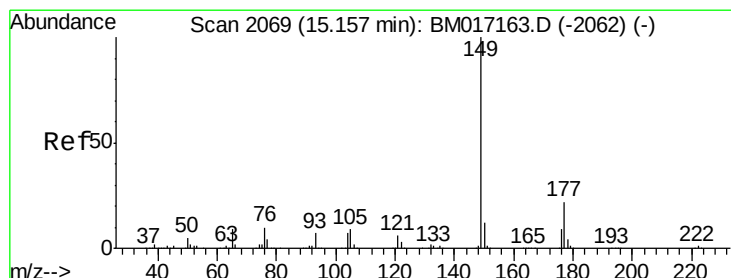
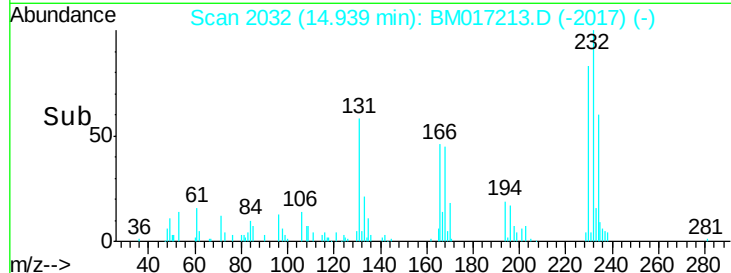
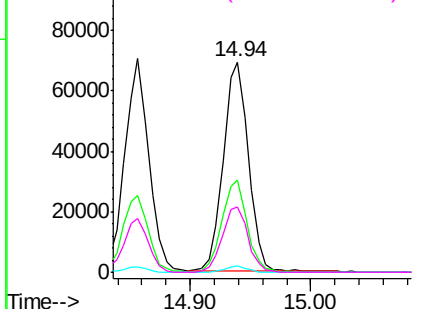
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 5.975 ng  
RT: 15.15 min Scan# 2067  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

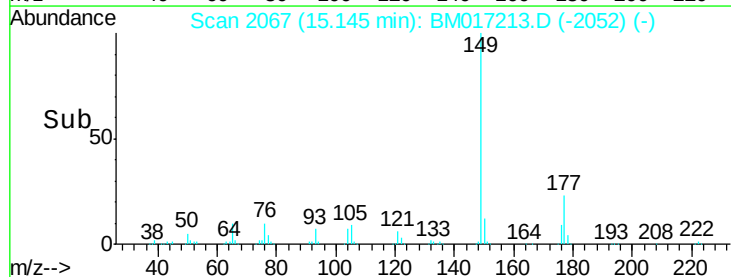
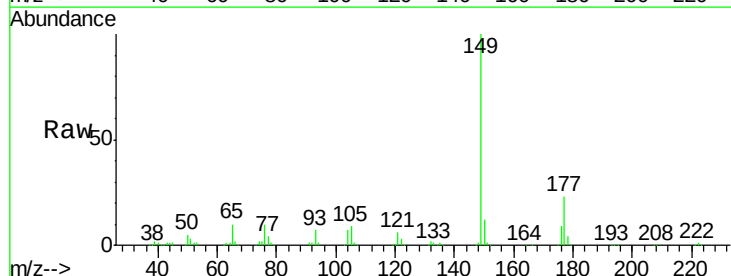
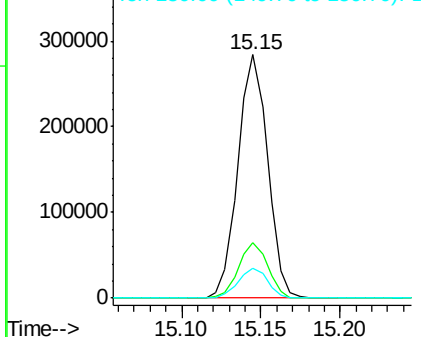
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.7  | 17.7  | 26.5  |
| 150     | 12.2  | 10.0  | 15.0  |

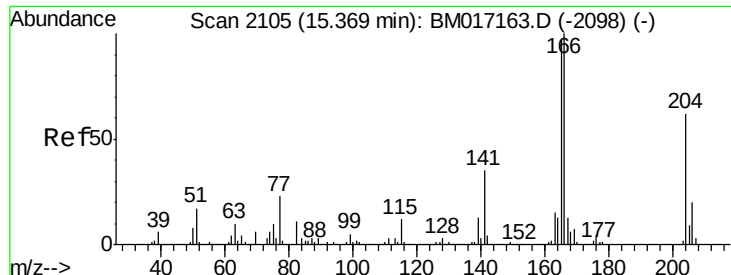
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





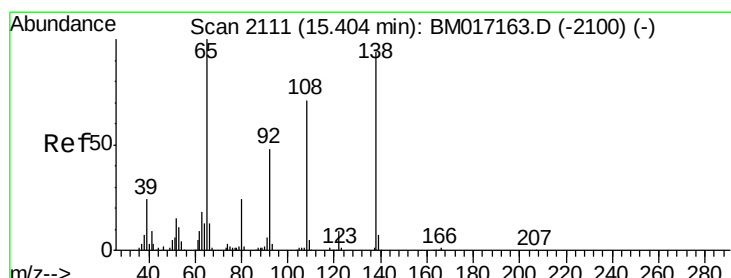
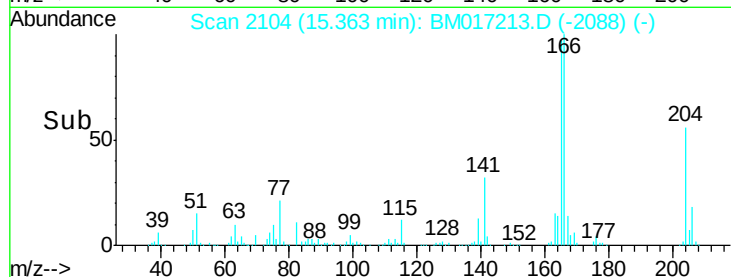
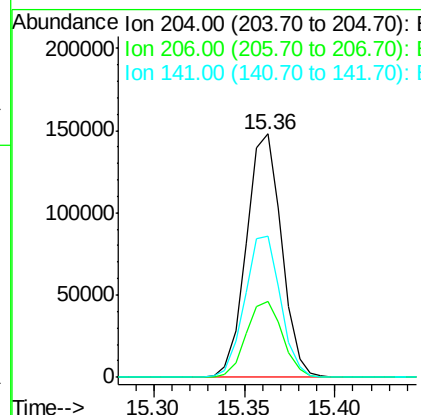
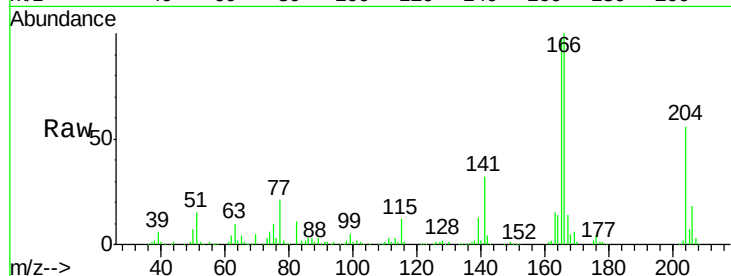
#61  
 4-Chlorophenyl-phenylether  
 Concen: 5.834 ng  
 RT: 15.36 min Scan# 2104  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 31.4  | 26.1       | 39.1       |
| 141     | 58.2  | 45.4       | 68.2       |

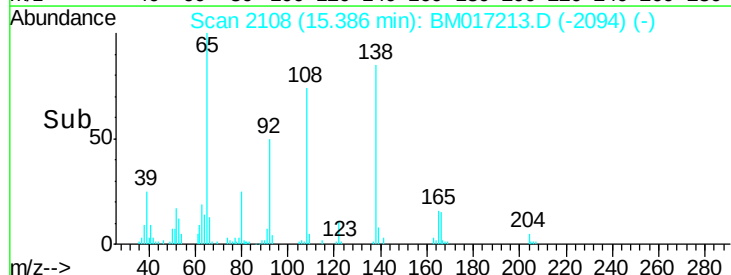
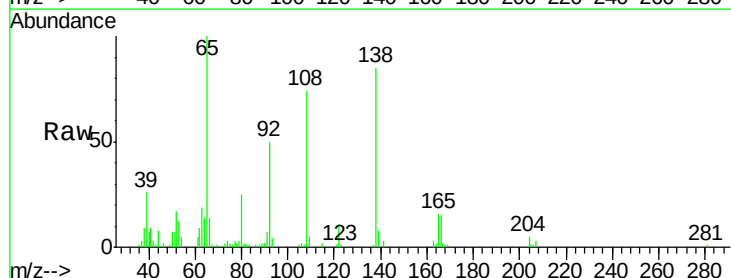
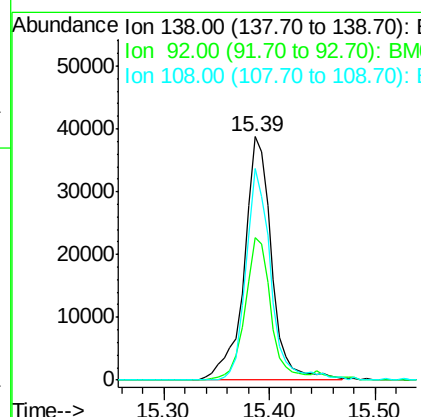
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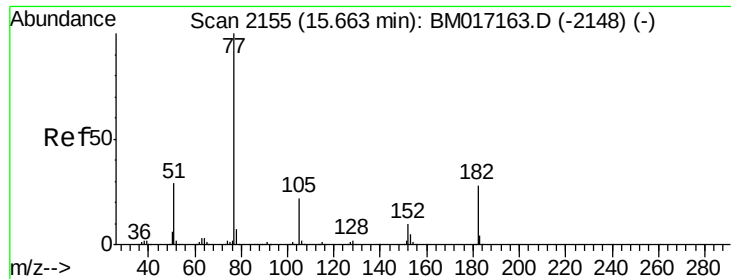
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#62  
 4-Nitroaniline  
 Concen: 8.571 ng  
 RT: 15.39 min Scan# 2108  
 Delta R.T. -0.02 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 138     | 100   |            |            |
| 92      | 58.6  | 31.2       | 71.2       |
| 108     | 86.7  | 55.5       | 95.5       |





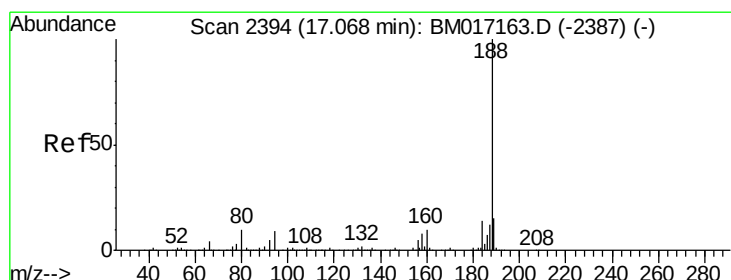
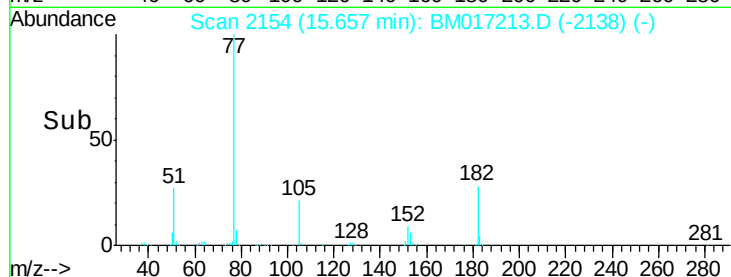
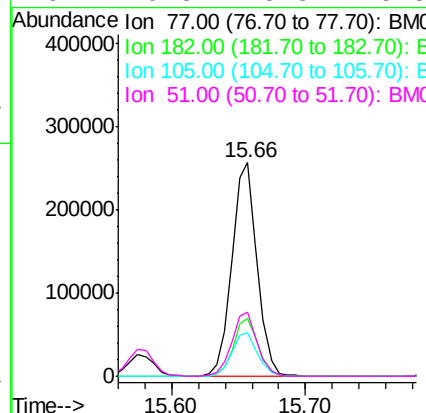
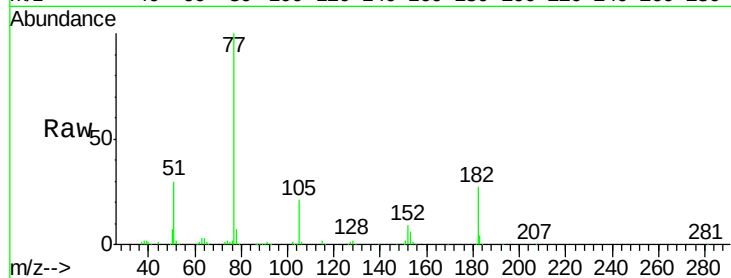
#63  
Azobenzene  
Concen: 5.600 ng  
RT: 15.66 min Scan# 2154  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.9  | 8.3   | 48.3  |
| 105     | 20.5  | 1.5   | 41.5  |
| 51      | 29.8  | 8.8   | 48.8  |

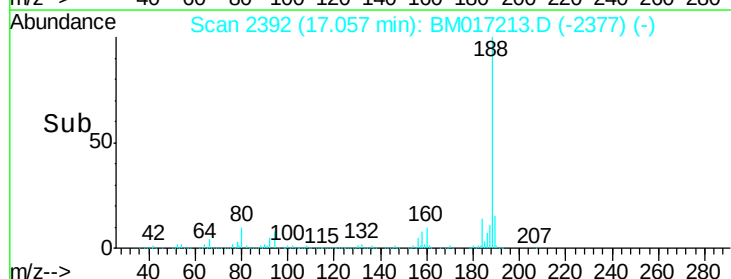
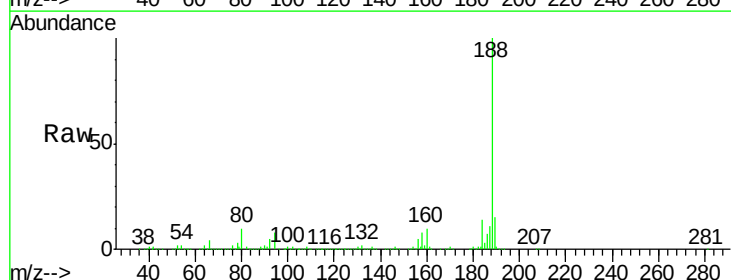
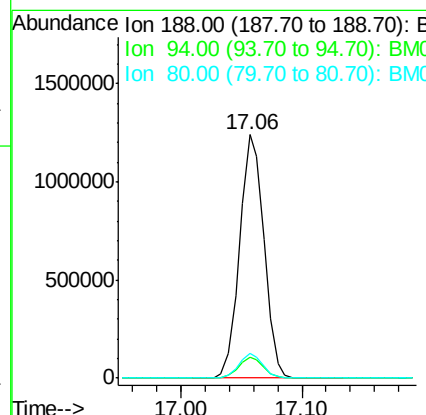
Manual Integrations  
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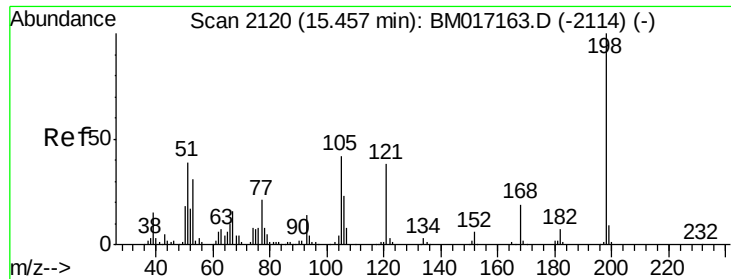
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.06 min Scan# 2392  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.5   | 7.0   | 10.4  |
| 80      | 9.9   | 7.7   | 11.5  |





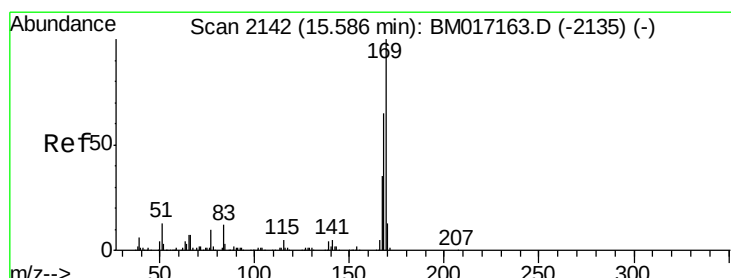
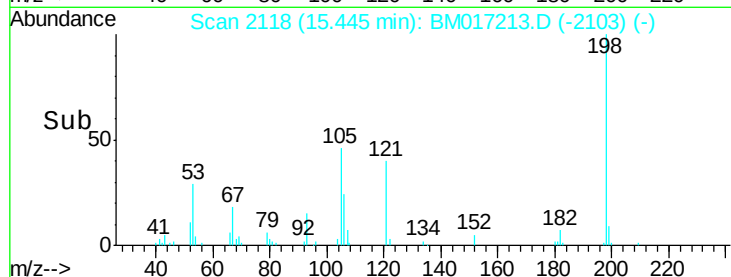
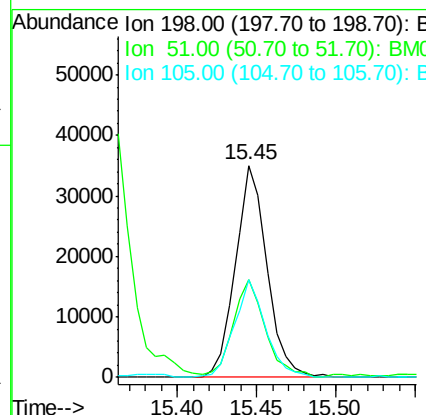
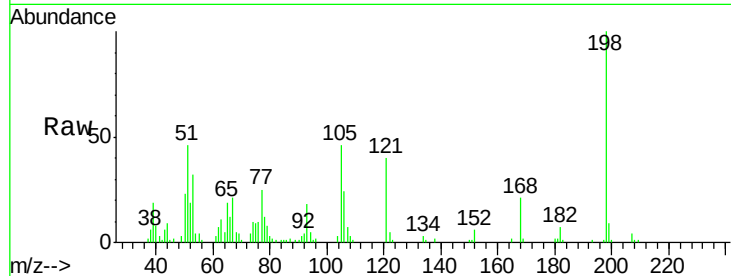
#65  
4,6-Dinitro-2-methylphenol  
Concen: 10.687 ng  
RT: 15.45 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 45.9  | 20.3  | 60.3  |
| 105     | 46.2  | 21.9  | 61.9  |

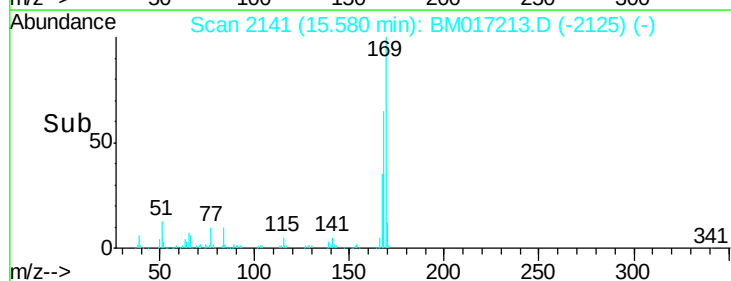
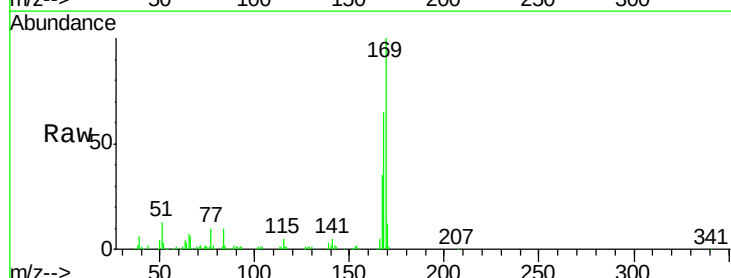
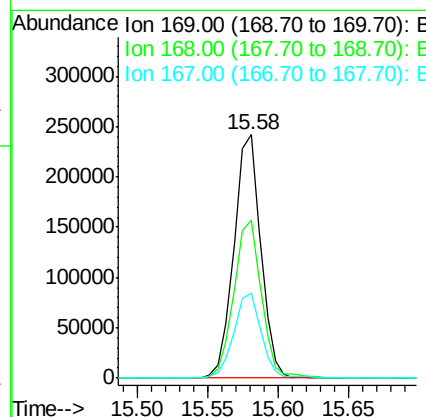
Manual Integrations  
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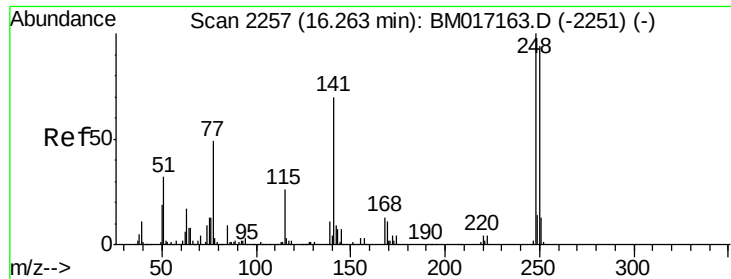
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#66  
n-Nitrosodiphenylamine  
Concen: 6.094 ng  
RT: 15.58 min Scan# 2141  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.1  | 52.2  | 78.4  |
| 167     | 35.0  | 28.4  | 42.6  |





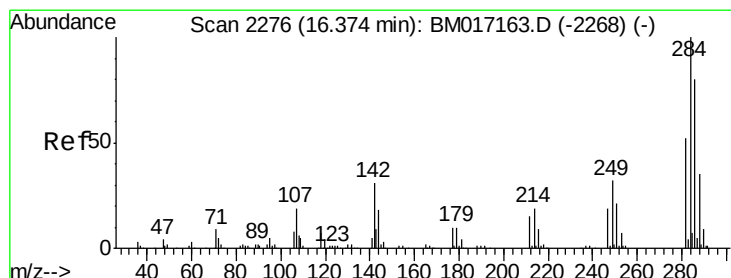
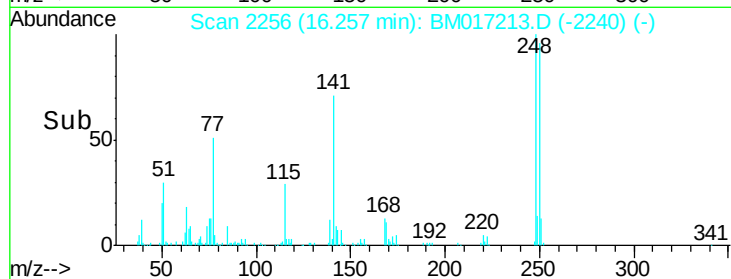
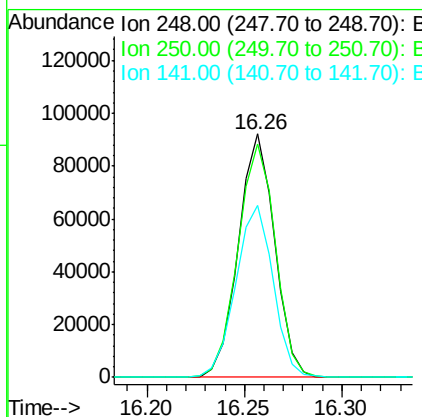
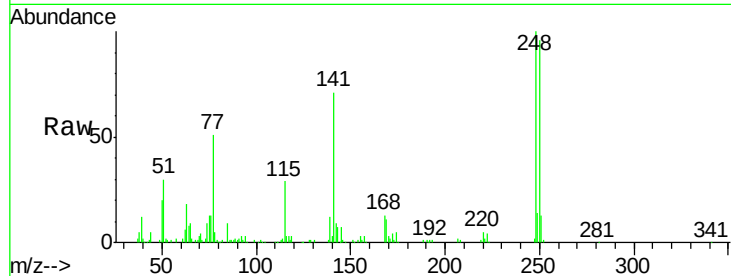
#67  
 4-Bromophenyl-phenylether  
 Concen: 6.182 ng  
 RT: 16.26 min Scan# 2256  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 118275 |       |       |
| 250     | 95.6  | 75.1   | 112.7 |       |
| 141     | 70.8  | 55.6   | 83.4  |       |

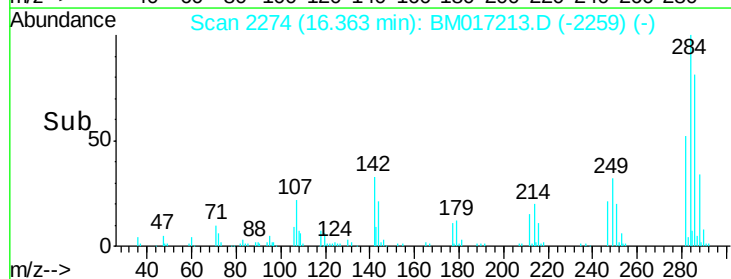
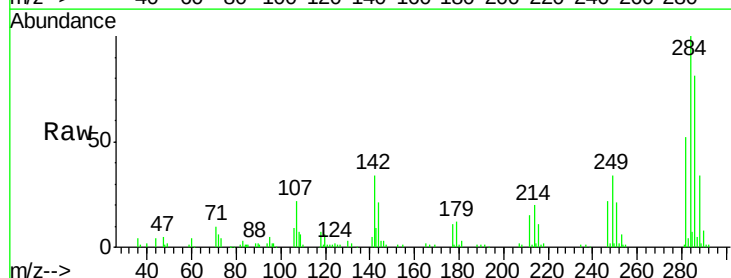
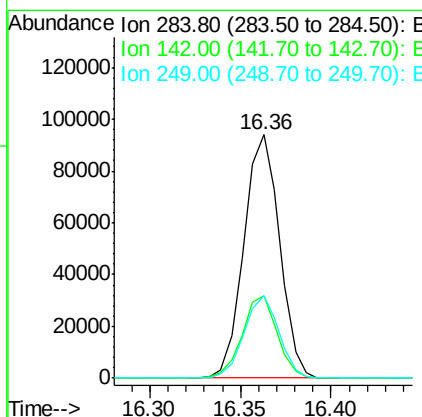
Manual Integrations  
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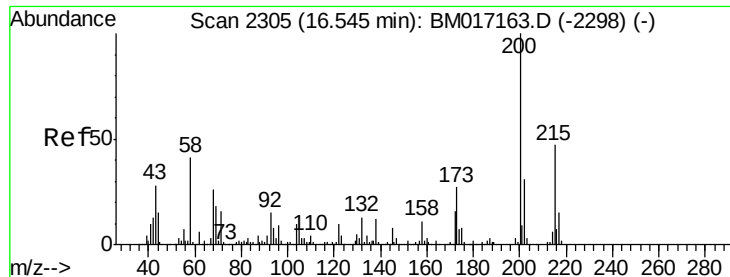
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#68  
 Hexachlorobenzene  
 Concen: 5.791 ng  
 RT: 16.36 min Scan# 2274  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 128703 |       |       |
| 142     | 33.8  | 25.0   | 37.6  |       |
| 249     | 33.8  | 25.5   | 38.3  |       |





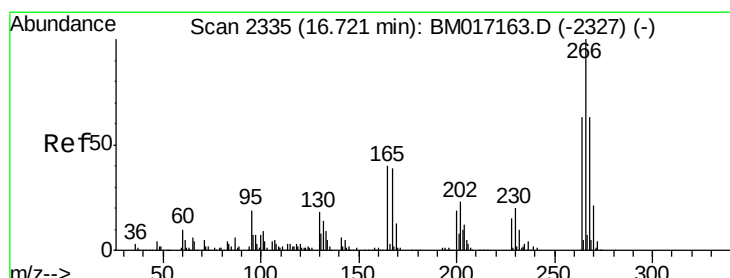
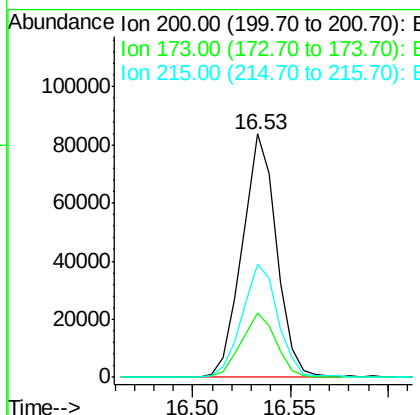
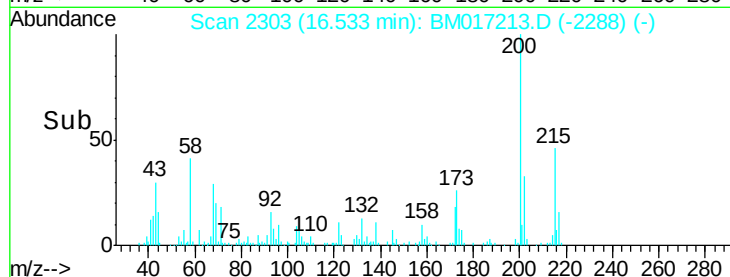
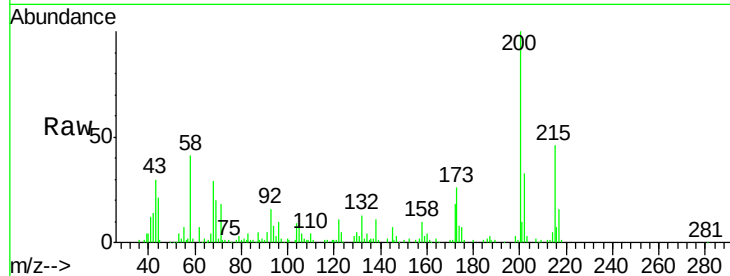
#69  
Atrazine  
Concen: 5.421 ng  
RT: 16.53 min Scan# 2303  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 102294 |       |       |
| 173     | 26.4  | 7.0    | 47.0  |       |
| 215     | 46.3  | 27.3   | 67.3  |       |

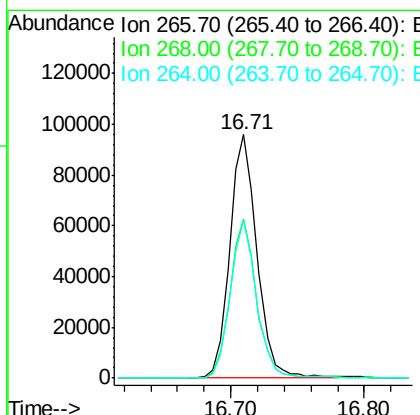
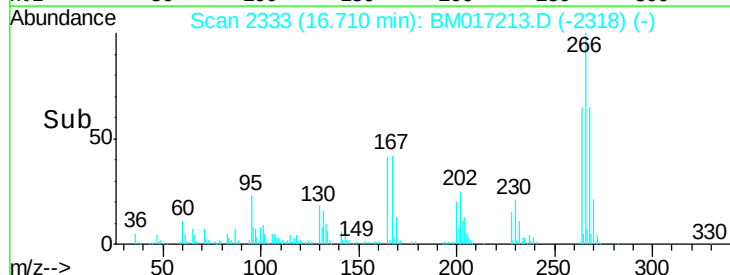
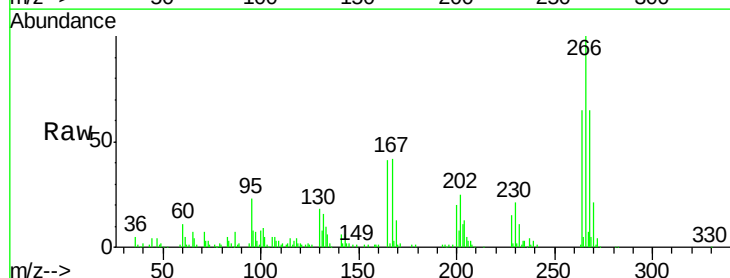
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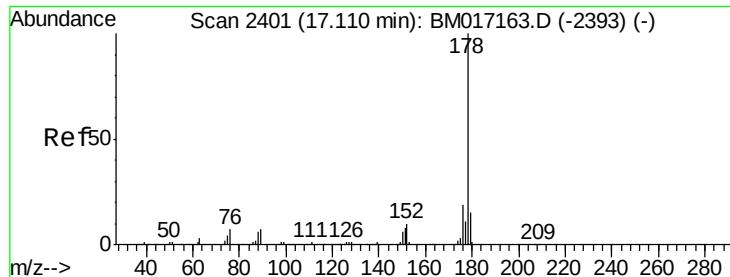
Sohil  
10/19/2018 2:37:49 PM



#70  
Pentachlorophenol  
Concen: 8.932 ng  
RT: 16.71 min Scan# 2333  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 135985 |       |       |
| 268     | 65.5  | 50.7   | 76.1  |       |
| 264     | 65.1  | 50.4   | 75.6  |       |





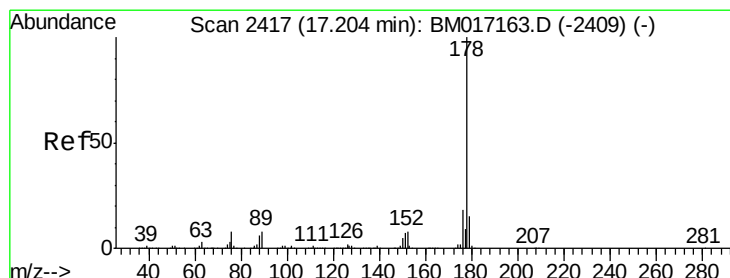
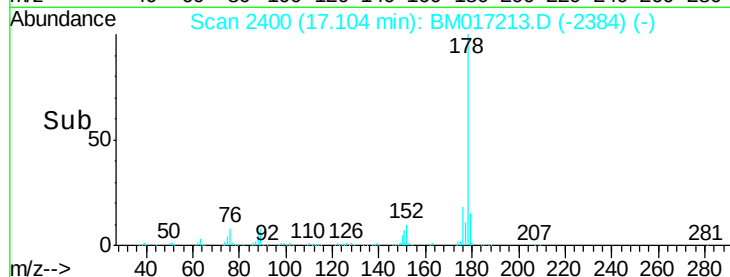
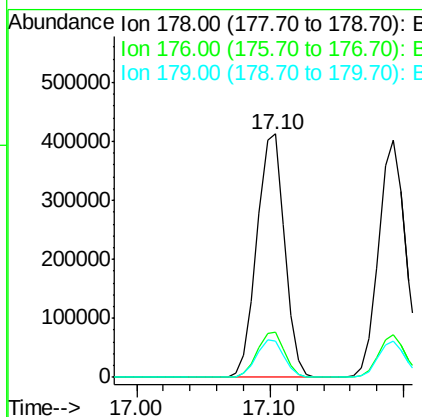
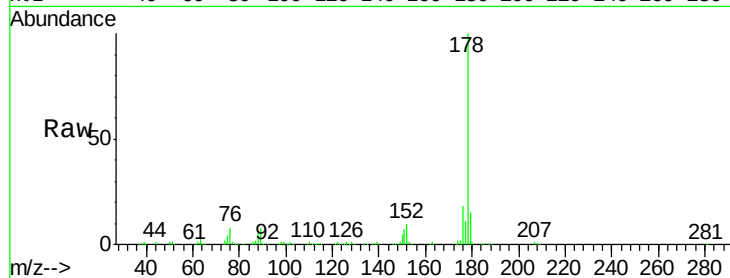
#71  
Phenanthrene  
Concen: 6.270 ng  
RT: 17.10 min Scan# 2400  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 15.0  | 22.6  |
| 179     | 14.7  | 12.3  | 18.5  |

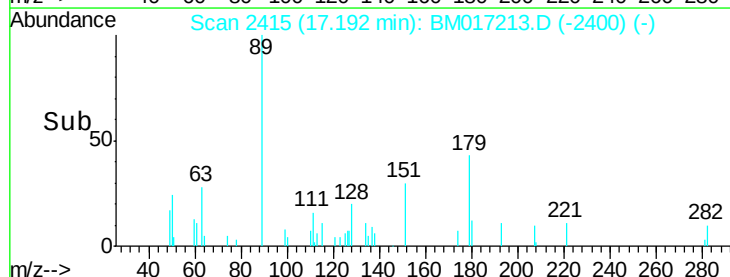
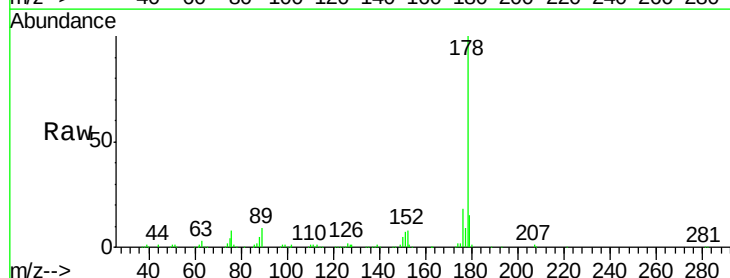
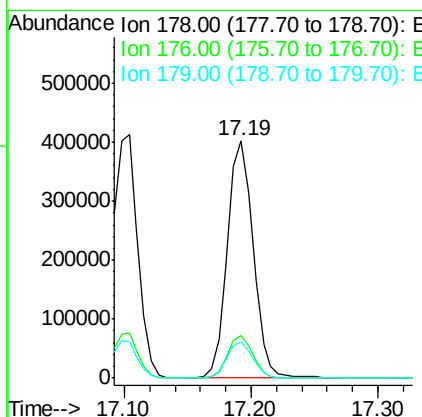
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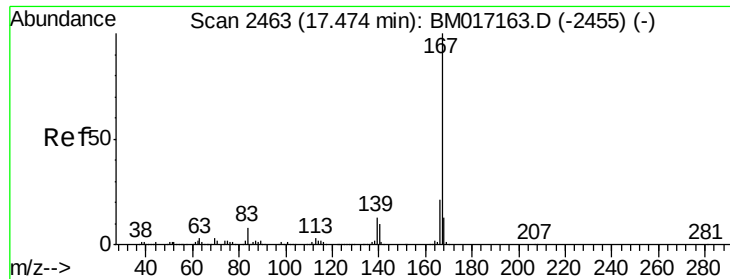


#72  
Anthracene  
Concen: 6.351 ng  
RT: 17.19 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 14.5  | 21.7  |
| 179     | 15.4  | 12.2  | 18.2  |







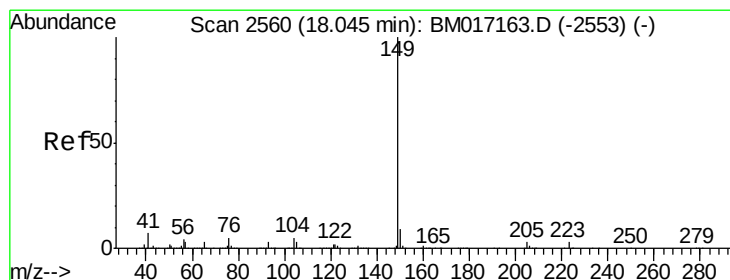
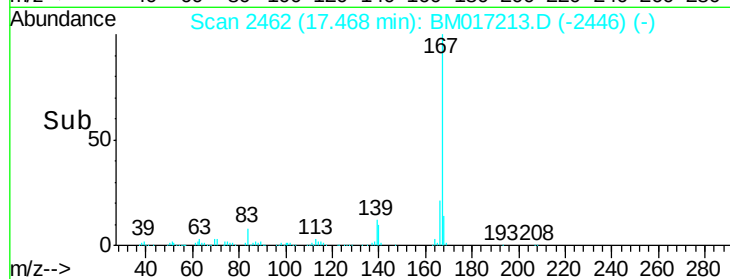
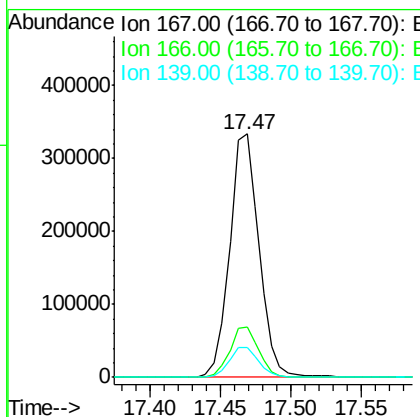
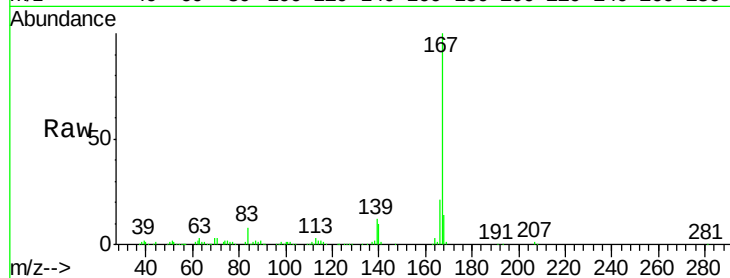
#73  
 Carbazole  
 Concen: 5.288 ng  
 RT: 17.47 min Scan# 2462  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.5  | 17.1  | 25.7  |
| 139     | 12.5  | 10.1  | 15.1  |

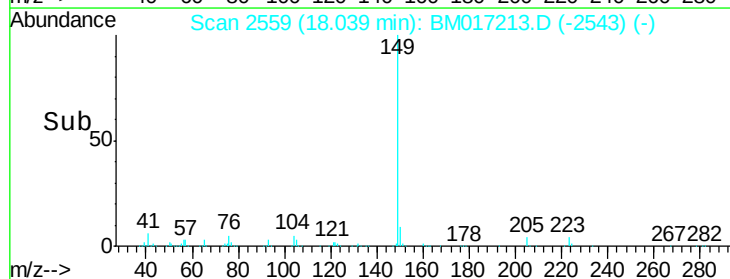
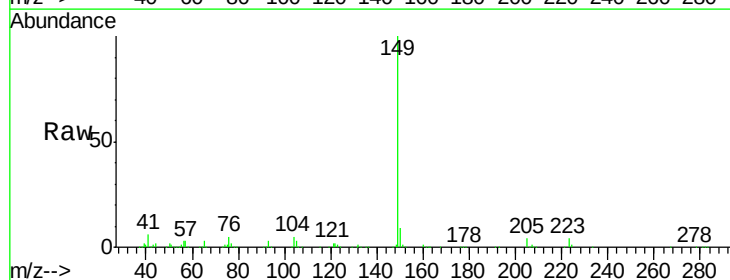
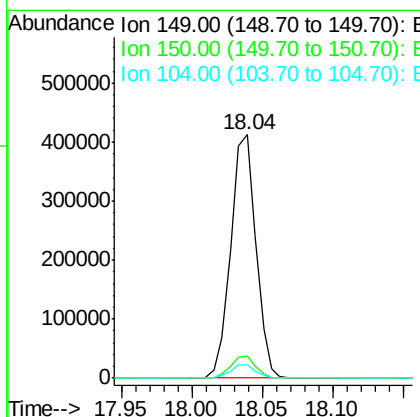
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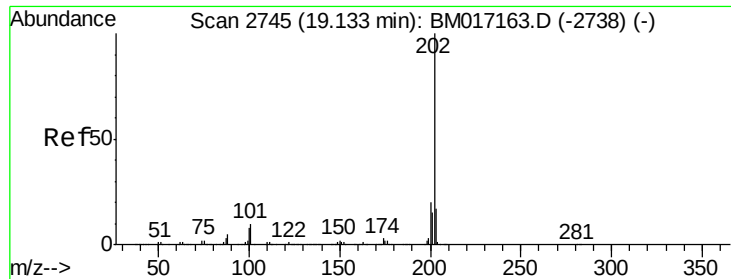
Sohil  
 10/19/2018 2:37:49 PM



#74  
 Di-n-butylphthalate  
 Concen: 5.334 ng  
 RT: 18.04 min Scan# 2559  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.4   | 11.0  |
| 104     | 5.3   | 4.3   | 6.5   |





#75

Fluoranthene

Concen: 5.809 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

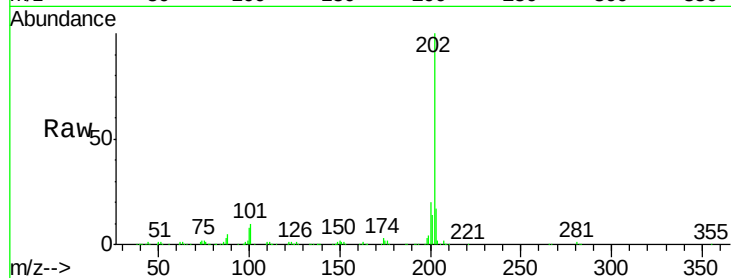
ClientSampleId :

PB113953BS

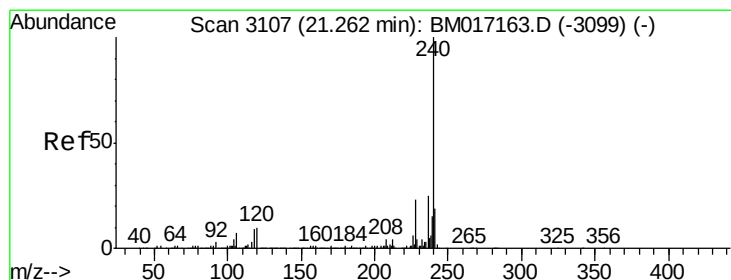
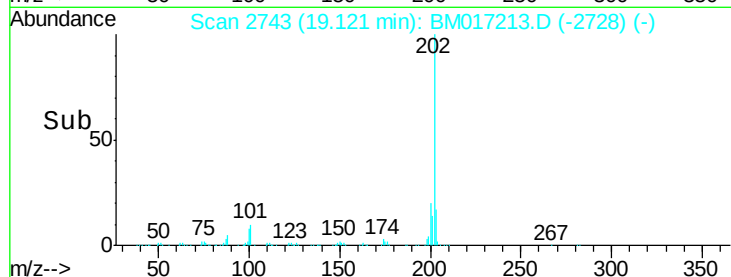
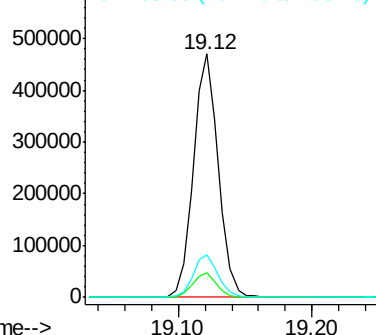
|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 202   | Resp: | 614607 |
| Ion | Ratio | Lower | Upper |        |
| 202 | 100   |       |       |        |
| 101 | 10.4  | 0.0   | 30.0  |        |
| 203 | 17.4  | 0.0   | 37.2  |        |

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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

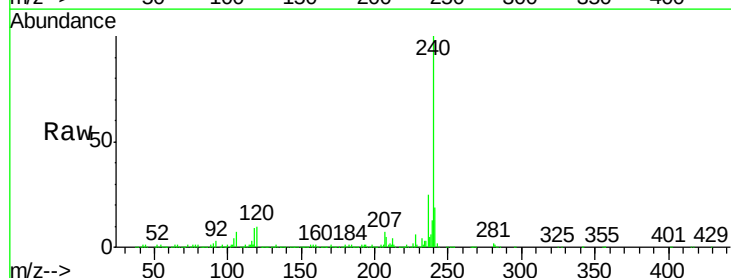
RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

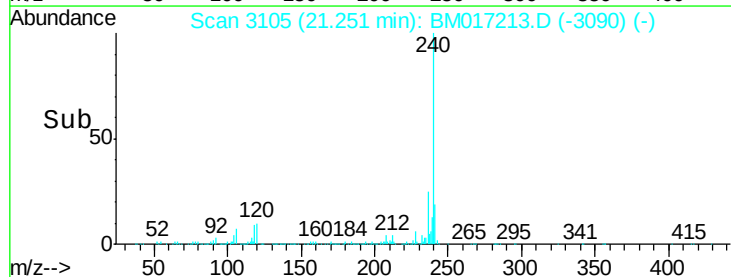
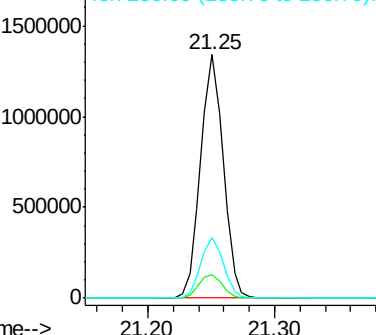
Lab File: BM017213.D

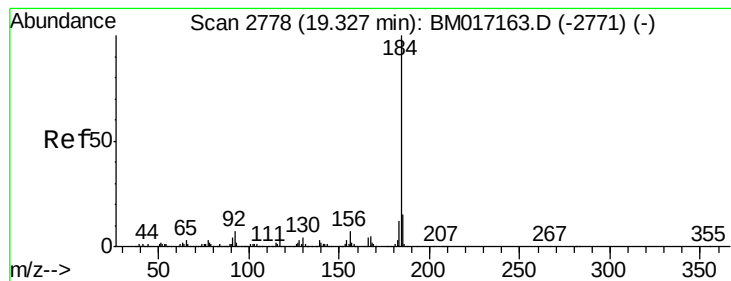
Acq: 19 Oct 2018 03:22

|     |       |       |       |         |
|-----|-------|-------|-------|---------|
| Tgt | Ion   | 240   | Resp: | 1667802 |
| Ion | Ratio | Lower | Upper |         |
| 240 | 100   |       |       |         |
| 120 | 9.8   | 8.1   | 12.1  |         |
| 236 | 25.0  | 19.9  | 29.9  |         |



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





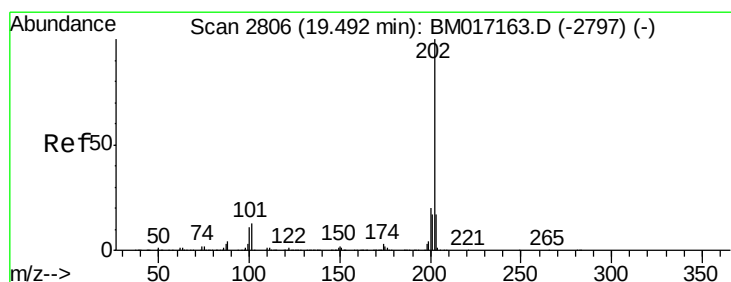
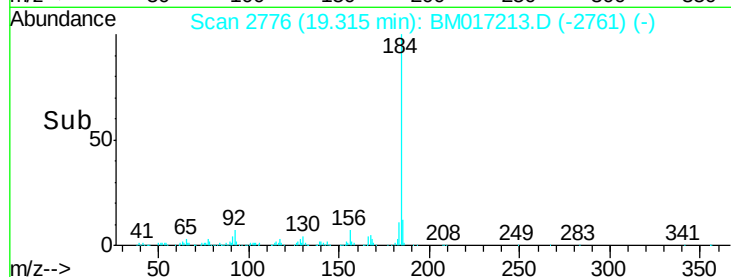
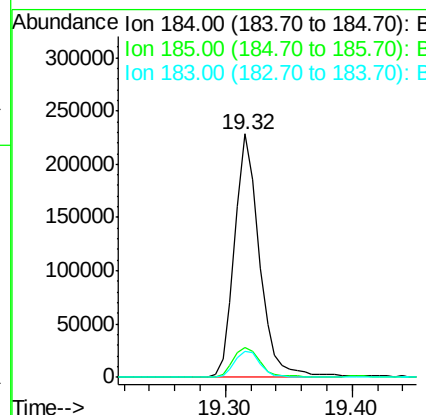
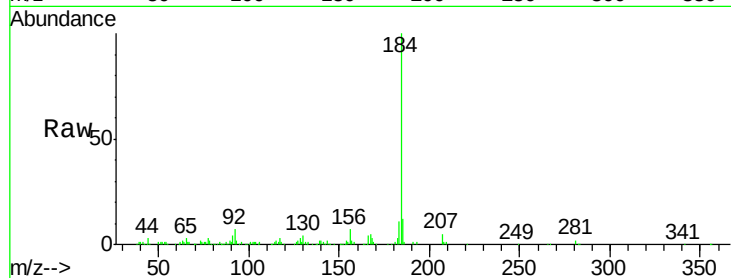
#77  
Benzidine  
Concen: 7.338 ng  
RT: 19.32 min Scan# 2776  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 310306 |       |       |
| 185     | 12.3  |        | 11.8  | 17.8  |
| 183     | 10.8  |        | 9.7   | 14.5  |

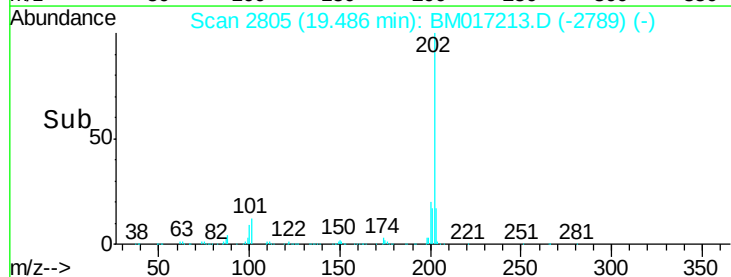
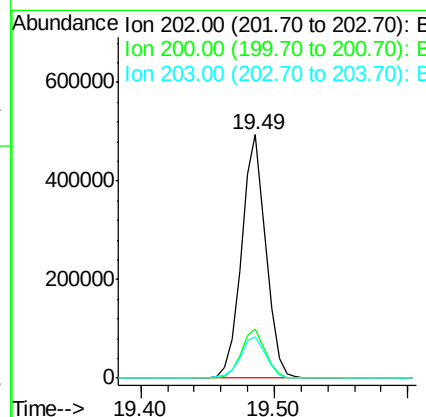
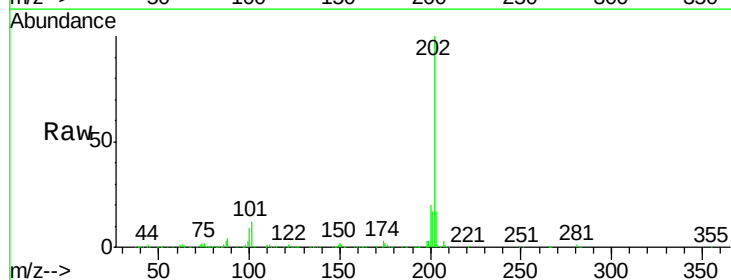
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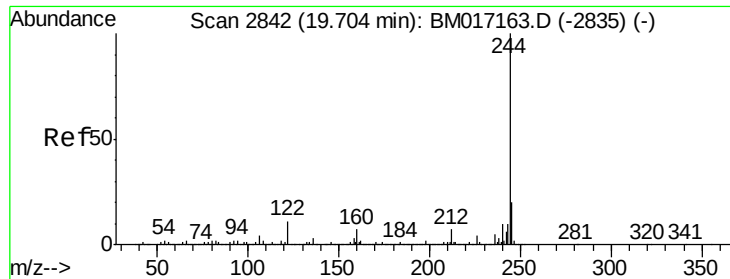
Sohil  
10/19/2018 2:37:49 PM



#78  
Pyrene  
Concen: 6.676 ng  
RT: 19.49 min Scan# 2805  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

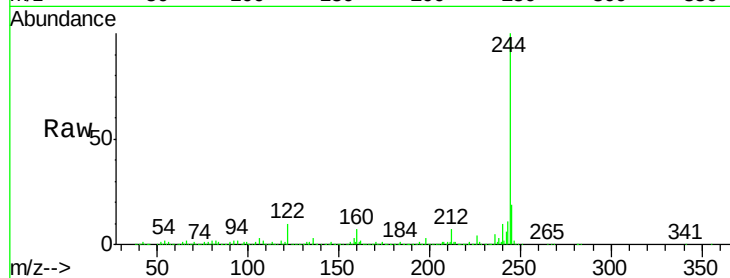
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 622293 |       |       |
| 200     | 20.1  |        | 16.3  | 24.5  |
| 203     | 17.2  |        | 13.9  | 20.9  |





#79  
 Terphenyl-d14  
 Concen: 59.133 ng  
 RT: 19.70 min Scan# 2841  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

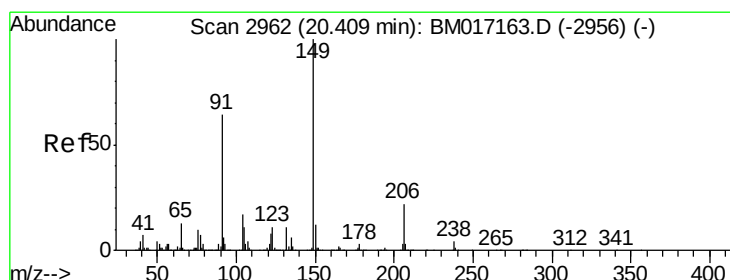
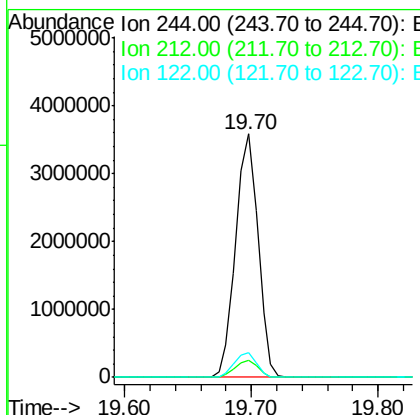
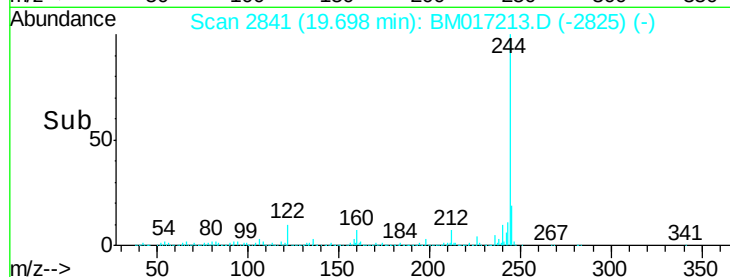
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113953BS



Tgt Ion:244 Resp: 4375394  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.5 8.3  
 122 10.0 8.4 12.6

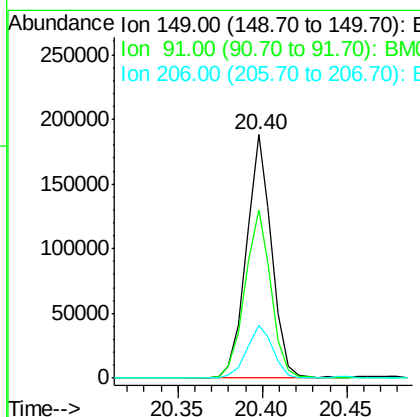
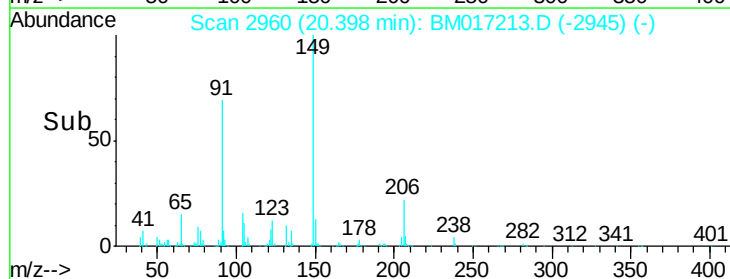
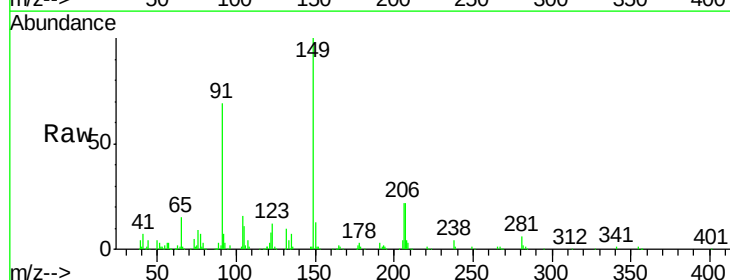
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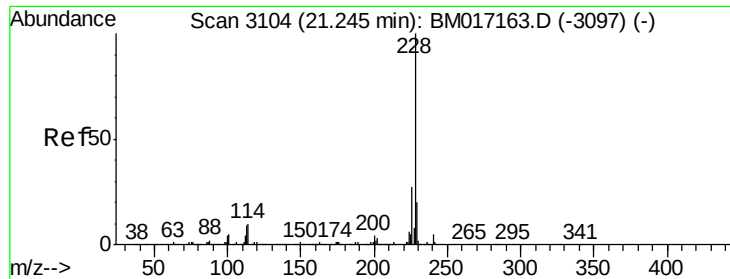
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#80  
 Butylbenzylphthalate  
 Concen: 11.825 ng  
 RT: 20.40 min Scan# 2960  
 Delta R.T. -0.01 min  
 Lab File: BM017213.D  
 Acq: 19 Oct 2018 03:22

Tgt Ion:149 Resp: 193886  
 Ion Ratio Lower Upper  
 149 100  
 91 68.9 51.3 76.9  
 206 21.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 6.208 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

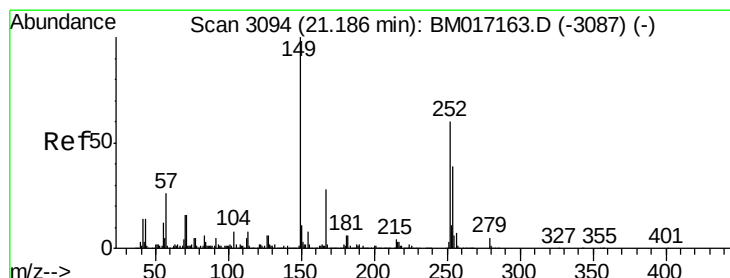
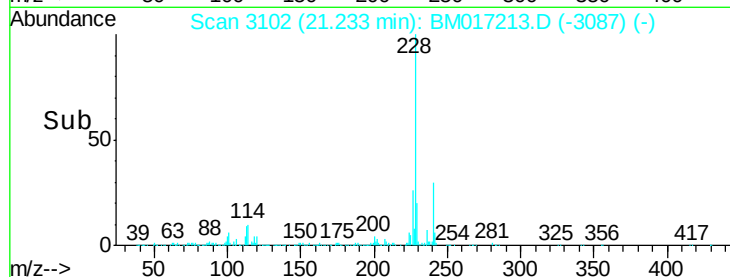
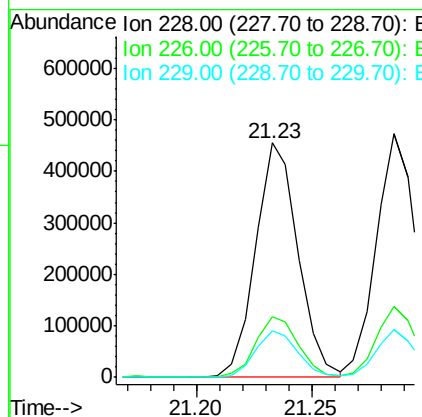
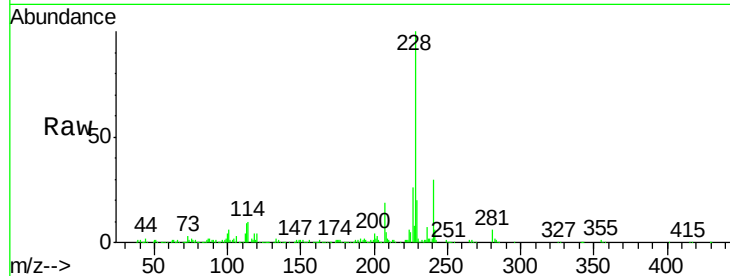
ClientSampleId :

PB113953BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 582661 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 25.9  | 21.4  | 32.0   |
| 229       | 19.6  | 15.9  | 23.9   |

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10/19/2018 2:37:49 PM



#82

3,3'-Dichlorobenzidine

Concen: 4.337 ng

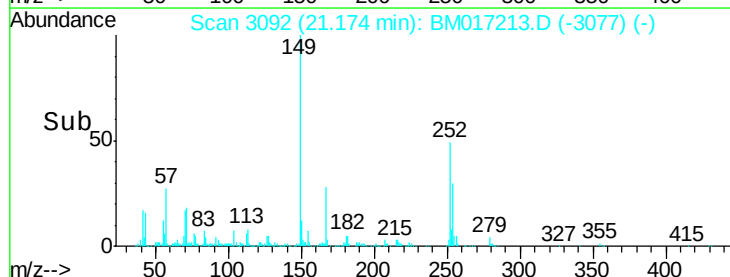
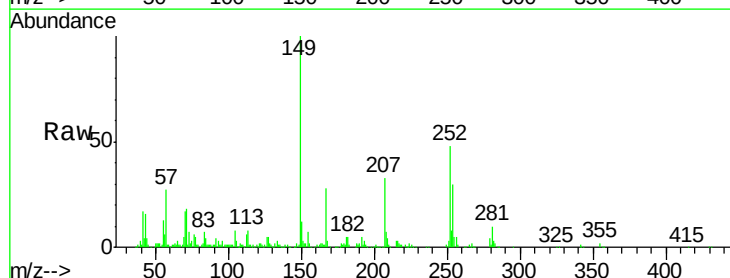
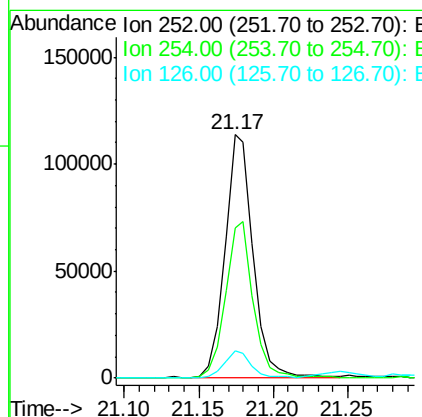
RT: 21.17 min Scan# 3092

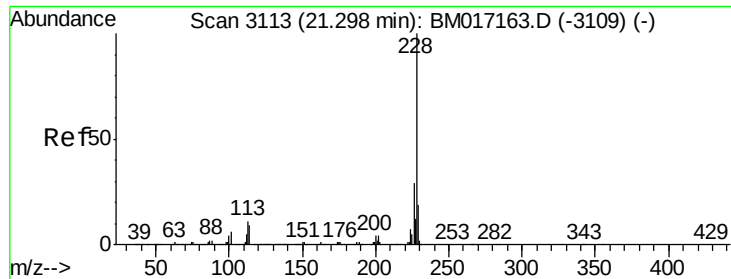
Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 151691 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 61.9  | 52.1  | 78.1   |
| 126       | 11.2  | 8.6   | 12.8   |





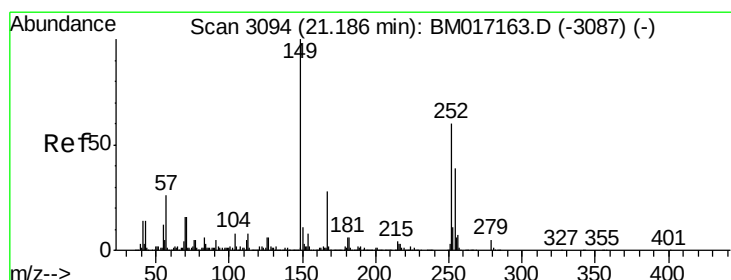
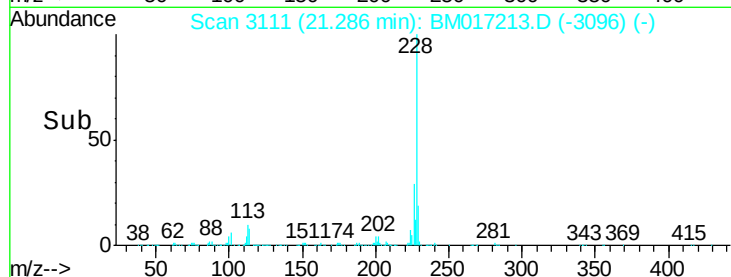
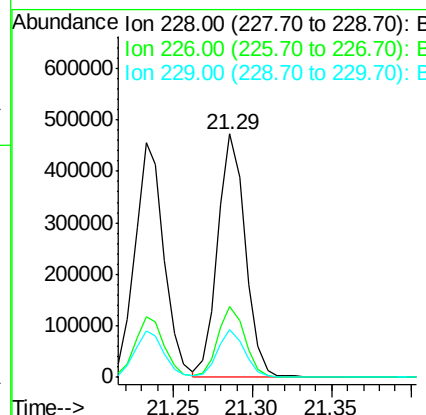
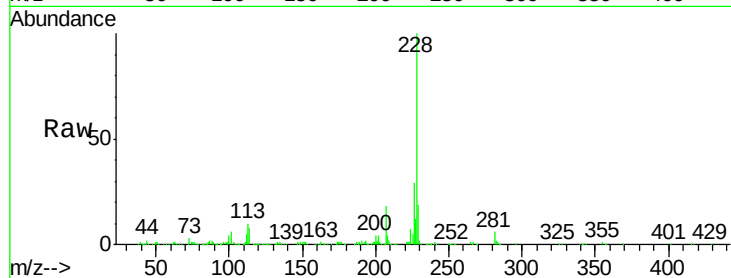
#83  
Chrysene  
Concen: 6.151 ng  
RT: 21.29 min Scan# 3111  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 23.3  | 34.9  |
| 229     | 19.4  | 15.6  | 23.4  |

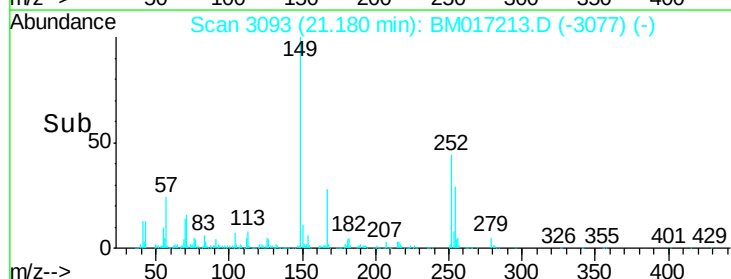
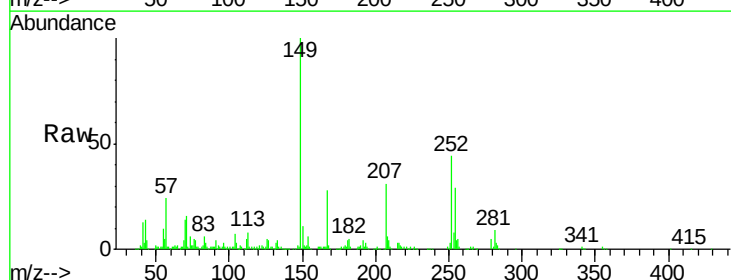
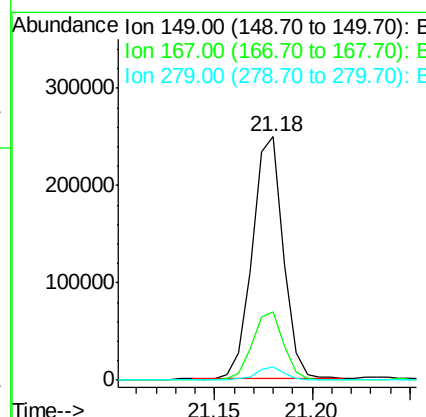
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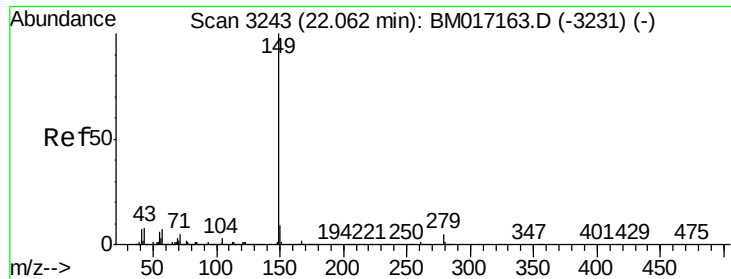
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.807 ng  
RT: 21.18 min Scan# 3093  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.9  | 22.2  | 33.4  |
| 279     | 5.4   | 3.6   | 5.4#  |





#85

Di-n-octyl phthalate

Concen: 9.943 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

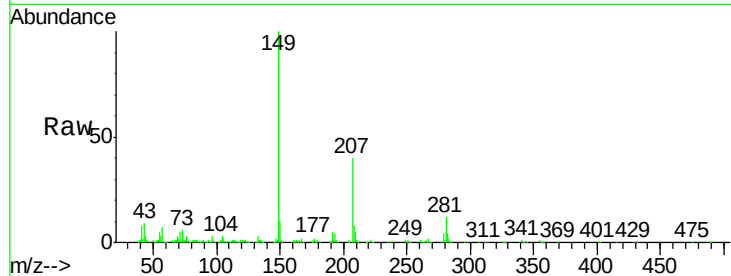
ClientSampleId :

PB113953BS

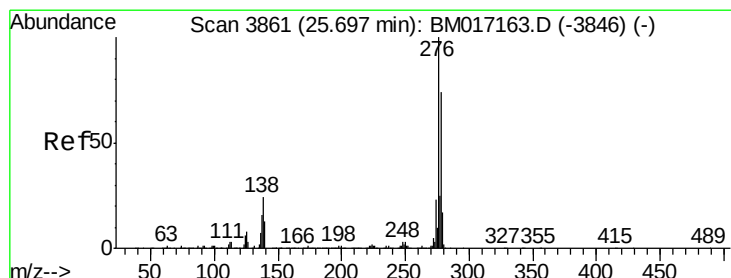
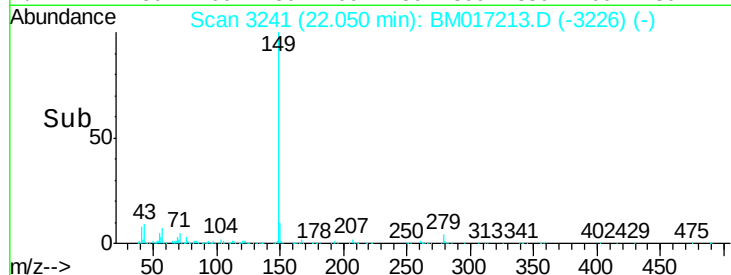
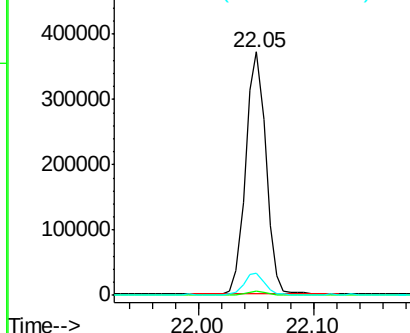
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 454694 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 8.9   | 7.2   | 10.8   |

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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: 5.786 ng

RT: 25.67 min Scan# 3857

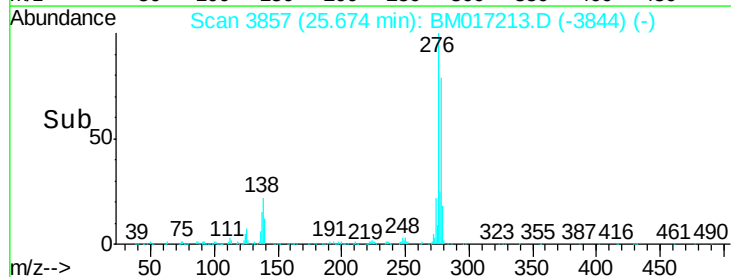
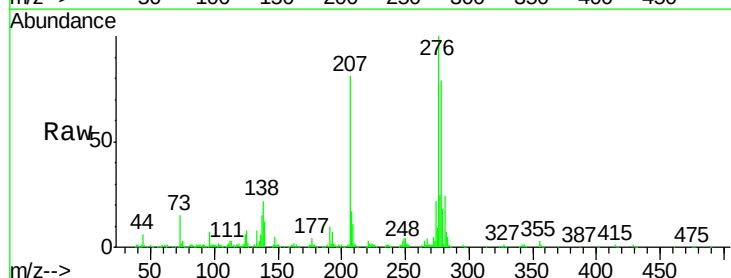
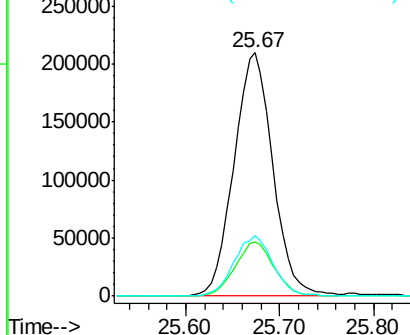
Delta R.T. -0.02 min

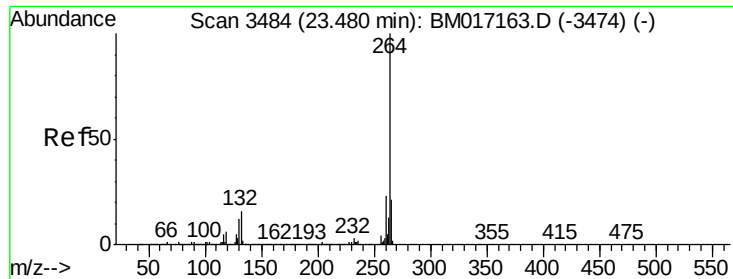
Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 601173 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 22.4  | 19.5  | 29.3   |
| 277       | 25.1  | 20.1  | 30.1   |

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

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

Instrument :

BNA\_M

ClientSampleId :

PB113953BS

Tgt Ion:264 Resp: 1577697

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

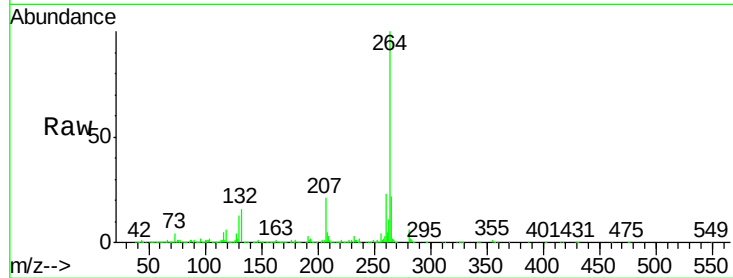
265 22.1 17.8 26.8

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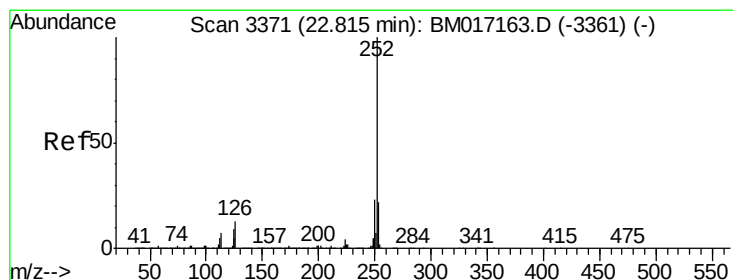
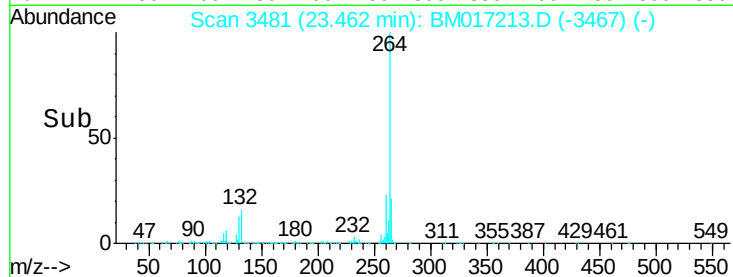
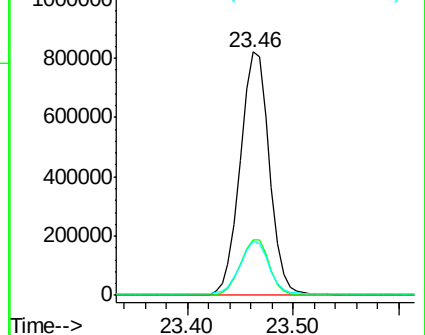
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 6.416 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017213.D

Acq: 19 Oct 2018 03:22

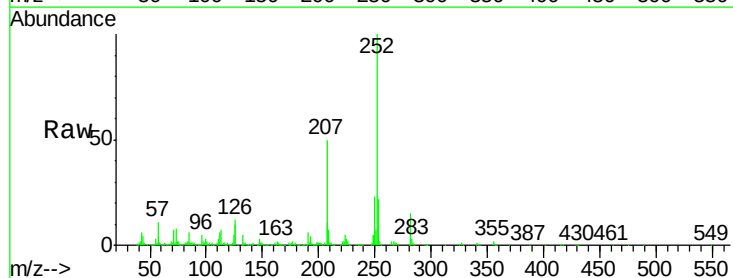
Tgt Ion:252 Resp: 553398

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

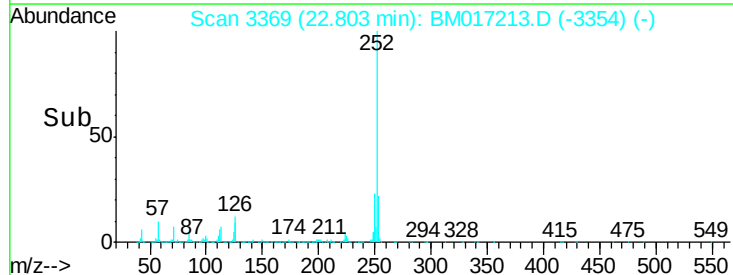
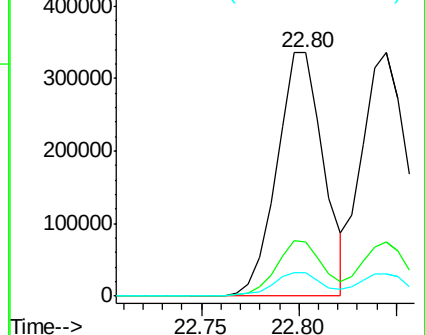
125 9.5 7.5 11.3



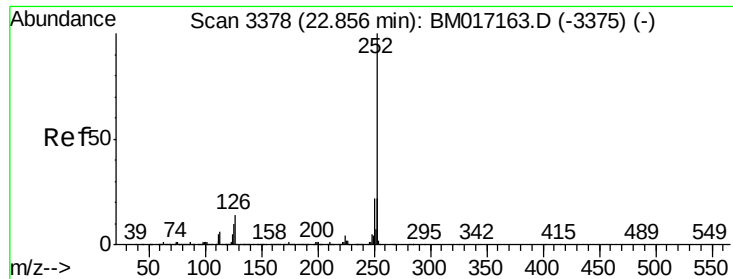
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







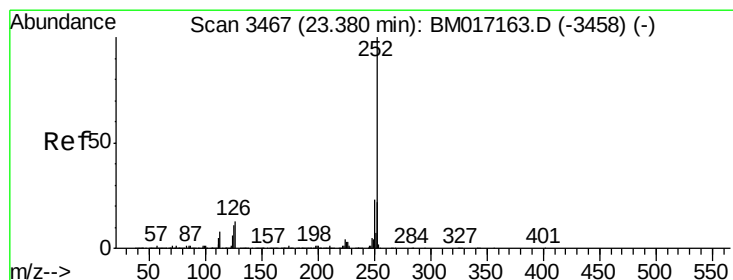
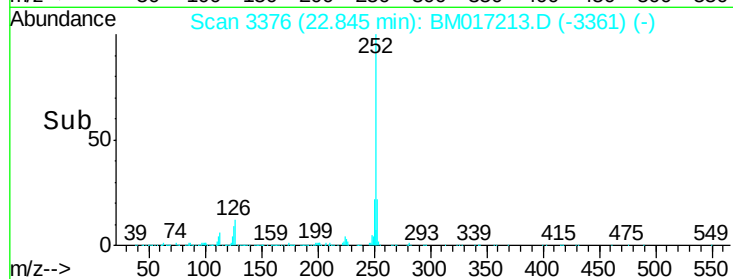
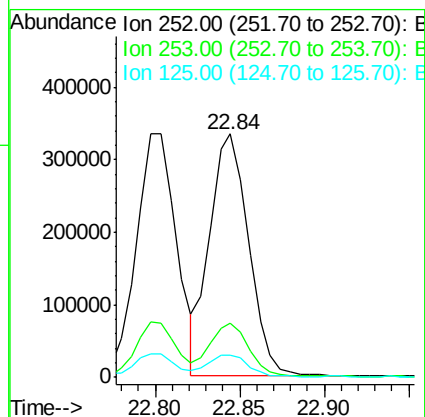
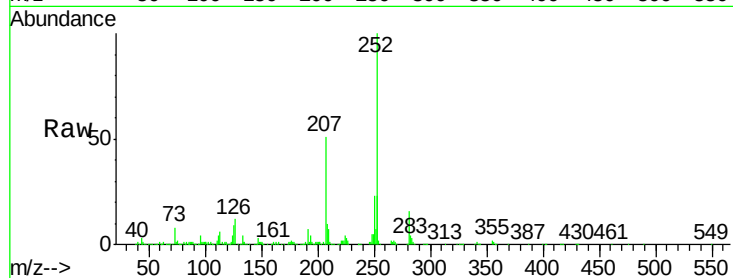
#89  
Benzo(k)fluoranthene  
Concen: 6.216 ng  
RT: 22.84 min Scan# 3376  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.5  | 17.5       | 26.3       |
| 125     | 9.2   | 8.2        | 12.2       |

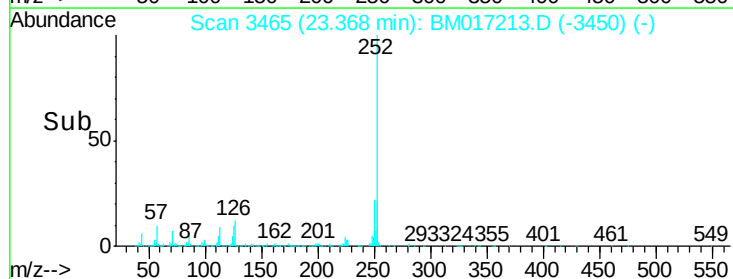
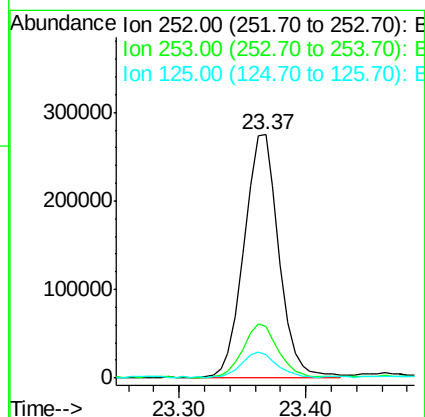
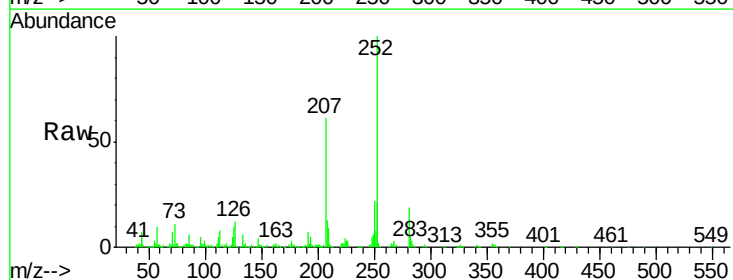
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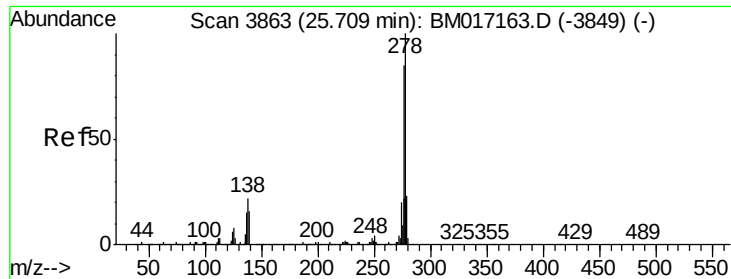
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#90  
Benzo(a)pyrene  
Concen: 6.386 ng  
RT: 23.37 min Scan# 3465  
Delta R.T. -0.01 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 21.4  | 17.4       | 26.0       |
| 125     | 9.9   | 8.6        | 13.0       |





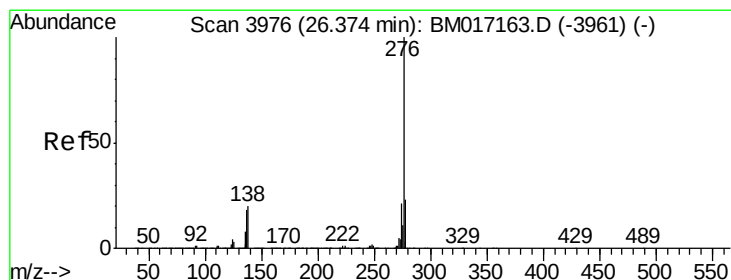
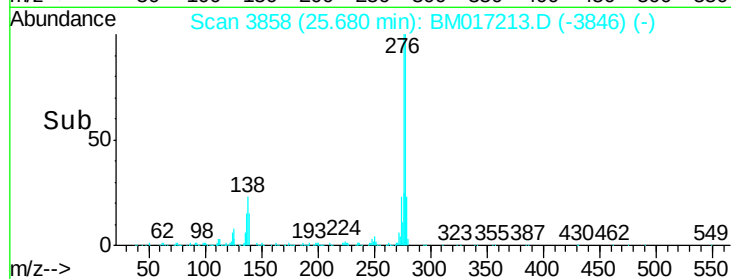
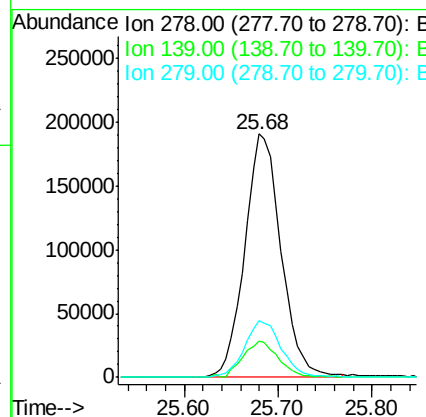
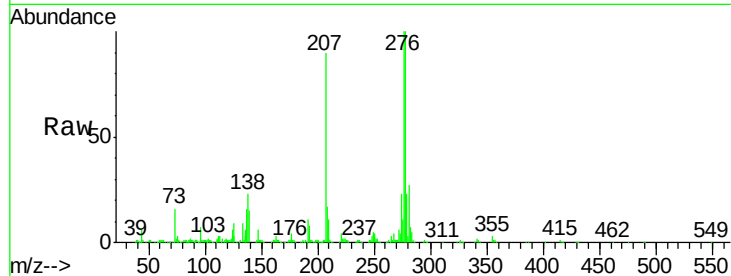
#91  
Dibenzo(a,h)anthracene  
Concen: 6.263 ng  
RT: 25.68 min Scan# 3858  
Delta R.T. -0.03 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB113953BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.8  | 12.7  | 19.1  |
| 279     | 23.5  | 18.7  | 28.1  |

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#92  
Benzo(g,h,i)perylene  
Concen: 6.256 ng  
RT: 26.34 min Scan# 3971  
Delta R.T. -0.03 min  
Lab File: BM017213.D  
Acq: 19 Oct 2018 03:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 18.6  | 28.0  |
| 138     | 19.6  | 16.4  | 24.6  |

