

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\  
 Data File : BM015881.D  
 Acq On : 10 Jul 2018 23:16  
 Operator : SJ/JU  
 Sample : PB110959BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

Manual Integrations  
 APPROVED

Sohil  
 7/11/2018 12:17:27 PM

Quant Time: Jul 11 04:34:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.30  | 152  | 65414    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 11.12 | 136  | 321665   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.92 | 164  | 203971   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.64 | 188  | 471218   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.76 | 240  | 530726   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.15 | 264  | 473600   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.80  | 112 | 712991  | 186.93 | ng | -0.02 |
| 7) Phenol-d6                | 7.45  | 99  | 961221  | 184.08 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 9.49  | 82  | 680973  | 103.29 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 16.40 | 330 | 497614  | 186.71 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 13.55 | 172 | 1661374 | 101.12 | ng | -0.02 |
| 78) Terphenyl-d14           | 20.21 | 244 | 3206187 | 112.05 | ng | -0.01 |

|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.55  | 88  | 51152  | 32.426 | ng | # 100 |
| 3) Pyridine                    | 4.00  | 79  | 137666 | 33.071 | ng | # 77  |
| 4) n-Nitrosodimethylamine      | 3.91  | 42  | 142736 | 44.036 | ng | # 40  |
| 6) Aniline                     | 7.62  | 93  | 227863 | 35.993 | ng | 91    |
| 8) 2-Chlorophenol              | 7.86  | 128 | 243264 | 53.140 | ng | 95    |
| 9) Benzaldehyde                | 7.43  | 77  | 139408 | 42.358 | ng | 93    |
| 10) Phenol                     | 7.48  | 94  | 291538 | 55.564 | ng | 95    |
| 11) bis(2-Chloroethyl)ether    | 7.72  | 93  | 190215 | 44.565 | ng | 90    |
| 12) 1,3-Dichlorobenzene        | 8.18  | 146 | 224500 | 44.232 | ng | # 91  |
| 13) 1,4-Dichlorobenzene        | 8.33  | 146 | 229447 | 43.715 | ng | # 94  |
| 14) 1,2-Dichlorobenzene        | 8.65  | 146 | 230084 | 45.327 | ng | # 93  |
| 15) Benzyl Alcohol             | 8.55  | 79  | 226231 | 49.903 | ng | 89    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.83  | 45  | 306339 | 65.718 | ng | 99    |
| 17) 2-Methylphenol             | 8.75  | 107 | 205822 | 56.621 | ng | # 86  |
| 18) Hexachloroethane           | 9.38  | 117 | 96877  | 46.679 | ng | 94    |
| 19) n-Nitroso-di-n-propylamine | 9.12  | 70  | 194259 | 46.289 | ng | # 74  |
| 20) 3+4-Methylphenols          | 9.07  | 107 | 278201 | 55.097 | ng | 88    |
| 22) Acetophenone               | 9.14  | 105 | 364893 | 43.546 | ng | # 85  |
| 24) Nitrobenzene               | 9.53  | 77  | 309469 | 48.223 | ng | 97    |
| 25) Isophorone                 | 10.05 | 82  | 542270 | 53.890 | ng | # 94  |
| 26) 2-Nitrophenol              | 10.24 | 139 | 134677 | 48.736 | ng | # 58  |
| 27) 2,4-Dimethylphenol         | 10.29 | 122 | 247356 | 58.922 | ng | # 84  |
| 28) bis(2-Chloroethoxy)methane | 10.52 | 93  | 319441 | 48.727 | ng | 99    |
| 29) 2,4-Dichlorophenol         | 10.77 | 162 | 261308 | 56.202 | ng | 98    |
| 30) 1,2,4-Trichlorobenzene     | 10.99 | 180 | 250116 | 46.315 | ng | 98    |
| 31) Naphthalene                | 11.17 | 128 | 797777 | 47.837 | ng | 100   |
| 32) Benzoic acid               | 10.47 | 122 | 158816 | 42.729 | ng | # 84  |
| 33) 4-Chloroaniline            | 11.29 | 127 | 109926 | 16.167 | ng | # 88  |
| 34) Hexachlorobutadiene        | 11.43 | 225 | 156506 | 43.425 | ng | 98    |
| 35) Caprolactam                | 12.10 | 113 | 80179m | 51.998 | ng |       |
| 36) 4-Chloro-3-methylphenol    | 12.40 | 107 | 303594 | 56.907 | ng | 87    |
| 37) 2-Methylnaphthalene        | 12.76 | 142 | 623117 | 52.524 | ng | # 92  |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.13 | 216 | 296244 | 45.252 | ng | # 100 |
| 40) Hexachlorocyclopentadiene  | 13.09 | 237 | 304027 | 97.156 | ng | 99    |

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 BNA\_M  
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 PB110959BS

Manual Integrations  
 APPROVED

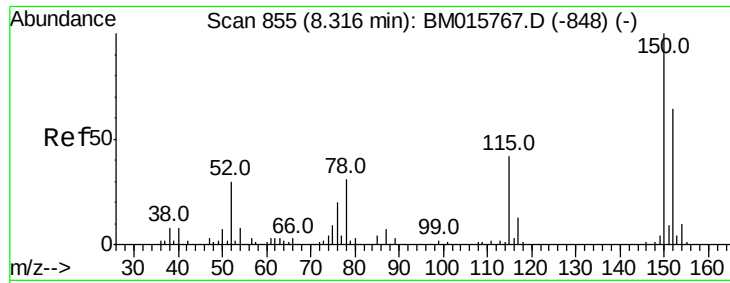
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 7/11/2018 12:17:27 PM

Quant Time: Jul 11 04:34:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.37 | 196  | 210778   | 50.935  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.44 | 196  | 222390   | 49.749  | ng    | # 82     |
| 45) 1,1'-Biphenyl              | 13.76 | 154  | 821855   | 46.603  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.81 | 162  | 636560   | 48.277  | ng    | # 91     |
| 47) 2-Nitroaniline             | 14.02 | 65   | 235091   | 51.128  | ng    | # 79     |
| 48) Acenaphthylene             | 14.64 | 152  | 1068031  | 49.793  | ng    | 99       |
| 49) Dimethylphthalate          | 14.37 | 163  | 866493   | 48.168  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.50 | 165  | 181803   | 51.834  | ng    | # 66     |
| 51) Acenaphthene               | 14.99 | 154  | 613265   | 45.947  | ng    | 96       |
| 52) 3-Nitroaniline             | 14.84 | 138  | 141569   | 36.876  | ng    | # 76     |
| 53) 2,4-Dinitrophenol          | 15.05 | 184  | 183172   | 102.229 | ng    | # 82     |
| 54) Dibenzofuran               | 15.32 | 168  | 1015551  | 49.378  | ng    | # 86     |
| 55) 4-Nitrophenol              | 15.14 | 139  | 306159   | 108.057 | ng    | # 76     |
| 56) 2,4-Dinitrotoluene         | 15.29 | 165  | 266129   | 52.556  | ng    | 98       |
| 57) Fluorene                   | 15.96 | 166  | 840751   | 49.572  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.54 | 232  | 202919   | 53.793  | ng    | # 100    |
| 59) Diethylphthalate           | 15.72 | 149  | 950267   | 49.295  | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.94 | 204  | 409051   | 46.871  | ng    | # 86     |
| 61) 4-Nitroaniline             | 16.00 | 138  | 184727   | 46.383  | ng    | # 28     |
| 62) Azobenzene                 | 16.23 | 77   | 1005827  | 55.663  | ng    | 79       |
| 64) 4,6-Dinitro-2-methylphenol | 16.06 | 198  | 128897   | 44.996  | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 16.16 | 169  | 728955   | 45.147  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.83 | 248  | 248900   | 47.308  | ng    | # 79     |
| 67) Hexachlorobenzene          | 16.95 | 284  | 273903   | 46.589  | ng    | # 73     |
| 68) Atrazine                   | 17.09 | 200  | 265791   | 50.046  | ng    | 97       |
| 69) Pentachlorophenol          | 17.30 | 266  | 318418   | 87.528  | ng    | 99       |
| 70) Phenanthrene               | 17.69 | 178  | 1312982  | 48.703  | ng    | 99       |
| 71) Anthracene                 | 17.78 | 178  | 1352838  | 51.099  | ng    | 98       |
| 72) Carbazole                  | 18.04 | 167  | 1236378  | 50.115  | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.56 | 149  | 1645064  | 49.472  | ng    | # 97     |
| 74) Fluoranthene               | 19.67 | 202  | 1536254  | 49.569  | ng    | 99       |
| 76) Benzidine                  | 19.84 | 184  | 815125   | 52.421  | ng    | 98       |
| 77) Pyrene                     | 20.03 | 202  | 1581267  | 47.830  | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.87 | 149  | 801137   | 50.131  | ng    | # 84     |
| 80) Benzo(a)anthracene         | 21.74 | 228  | 1678275  | 49.875  | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 450959   | 37.300  | ng    | 99       |
| 82) Chrysene                   | 21.79 | 228  | 1556033  | 49.640  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 1166127  | 49.386  | ng    | 97       |
| 84) Di-n-octyl phthalate       | 22.54 | 149  | 2047266  | 53.173  | ng    | # 90     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.63 | 276  | 1493625  | 51.287  | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 23.42 | 252  | 1551699  | 49.074  | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.47 | 252  | 1543067  | 50.237  | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.05 | 252  | 1440970  | 51.770  | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.63 | 278  | 1291125  | 51.556  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 27.39 | 276  | 1153761  | 52.435  | ng    | # 94     |

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





#1

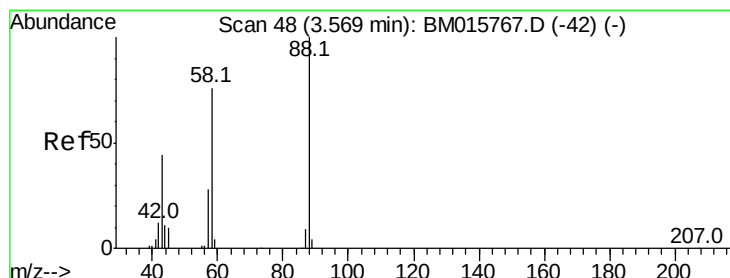
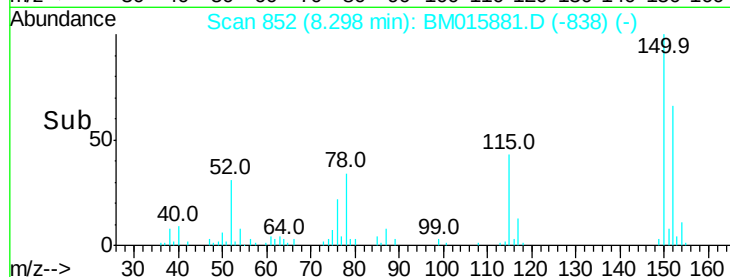
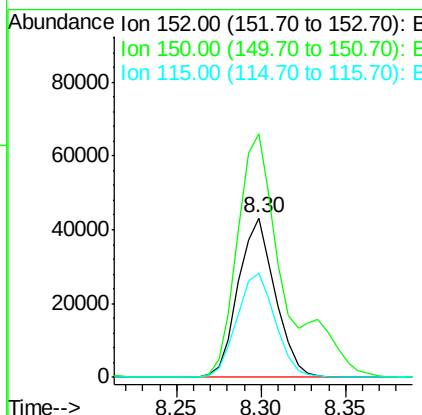
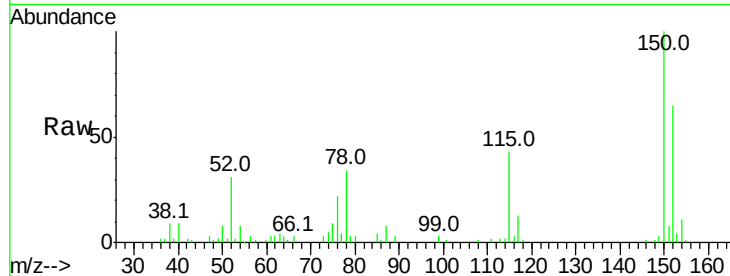
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.30 min Scan# 852  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.7 | 119.5 | 179.3 |
| 115     | 65.1  | 43.0  | 64.4  |

Manual Integrations  
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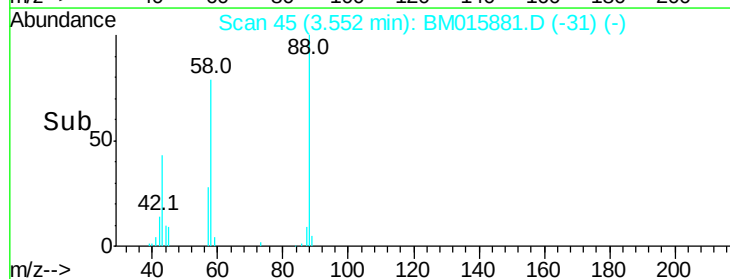
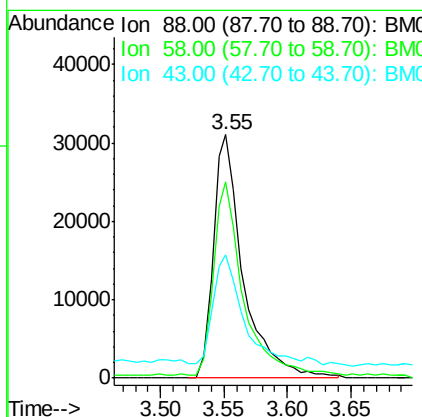
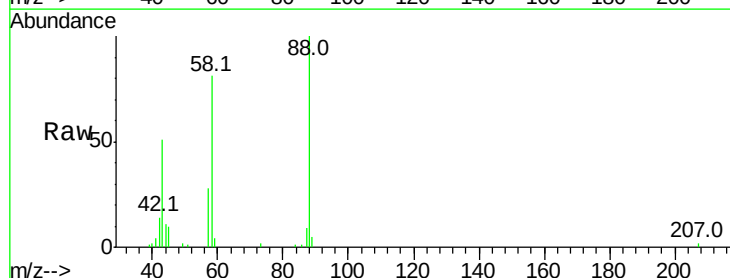
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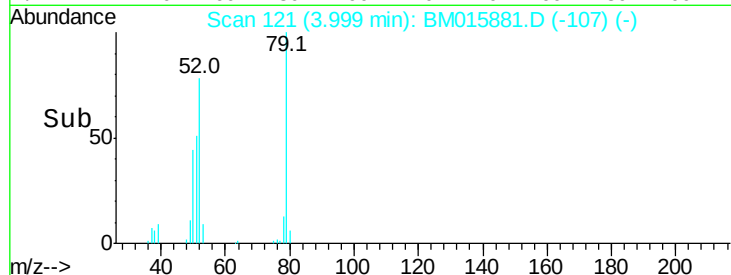
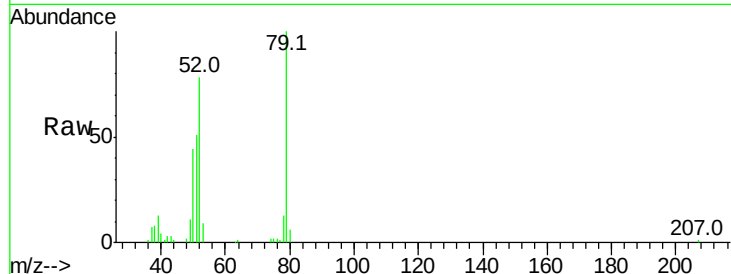
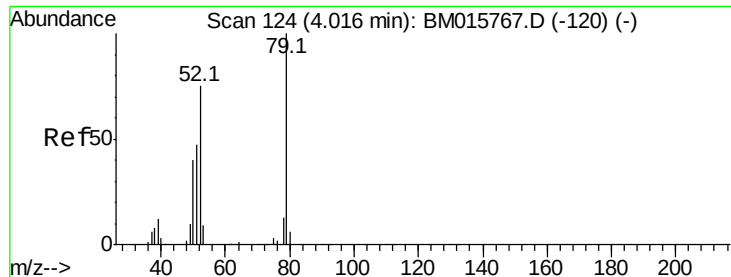


#2

1,4-Dioxane  
Concen: 32.426 ng  
RT: 3.55 min Scan# 45  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 78.6  | 0.0   | 0.0   |
| 43      | 44.5  | 0.0   | 0.0   |





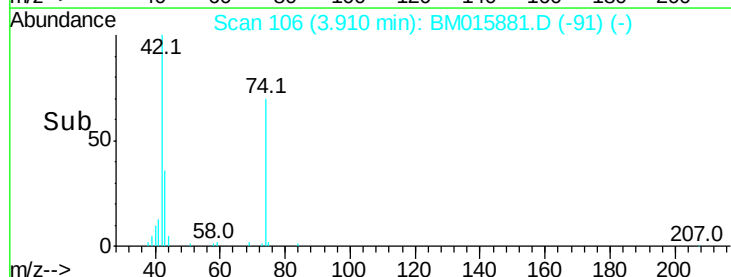
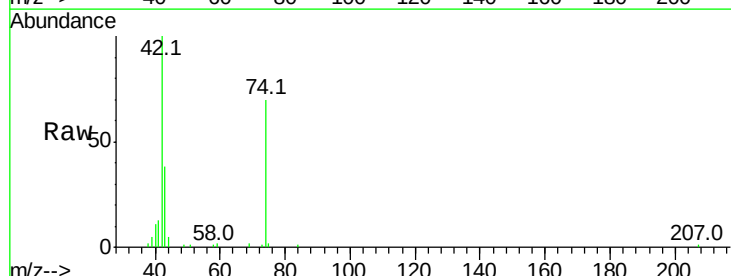
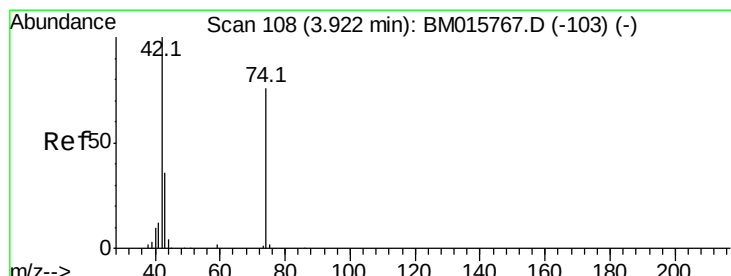
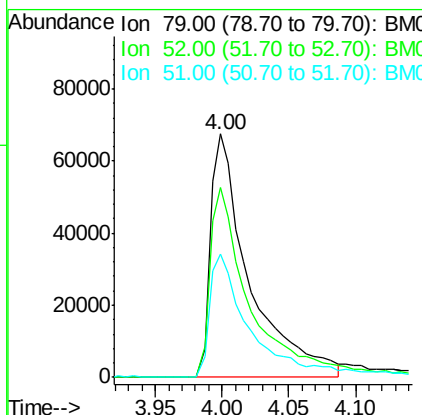
#3  
 Pvridine  
 Concen: 33.071 ng  
 RT: 4.00 min Scan# 121  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 79      | 100  |       |       |       |       |
| 52      | 77.8 | 51.1  | 76.7# |       |       |
| 51      | 50.9 | 26.1  | 39.1# |       |       |

Instrument :  
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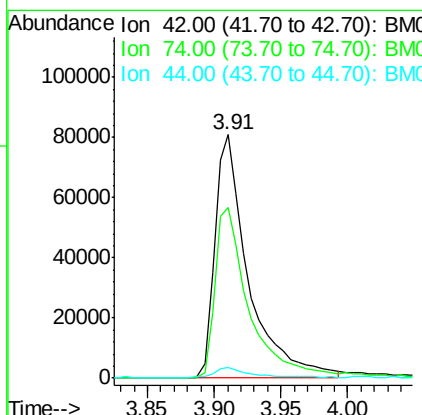
Manual Integrations  
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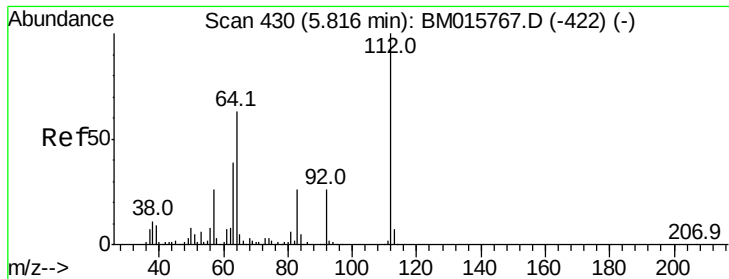
Sohil  
 7/11/2018 12:17:27 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 44.036 ng  
 RT: 3.91 min Scan# 106  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 42      | 100  |       |        |       |       |
| 74      | 70.1 | 119.3 | 178.9# |       |       |
| 44      | 4.6  | 5.4   | 8.2#   |       |       |





#5

2-Fluorophenol

Concen: 44.036 ng

RT: 5.80 min Scan# 427

Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

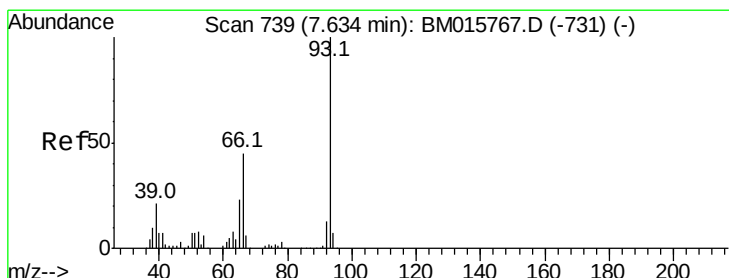
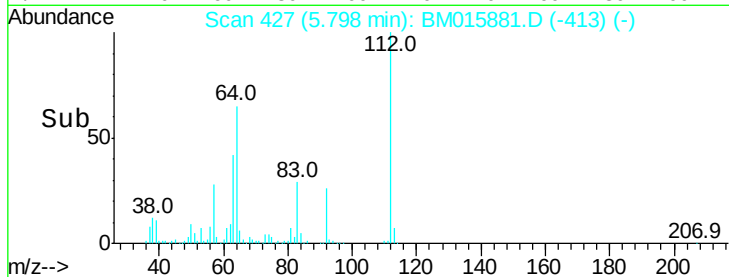
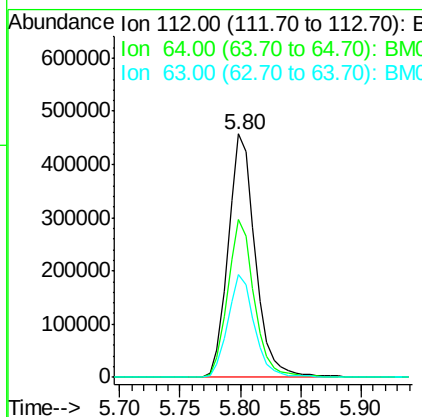
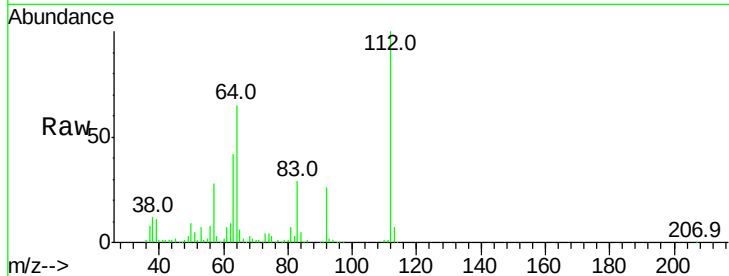
ClientSampleId :

PB110959BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 712991 |       |       |
| 64      | 65.0  | 38.6   | 57.8# |       |
| 63      | 42.2  | 19.3   | 28.9# |       |

Manual Integrations  
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#6

Aniline

Concen: 35.993 ng

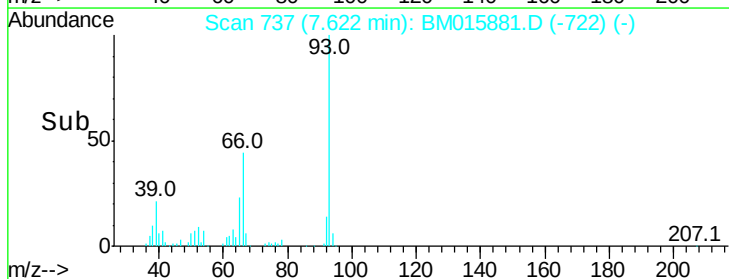
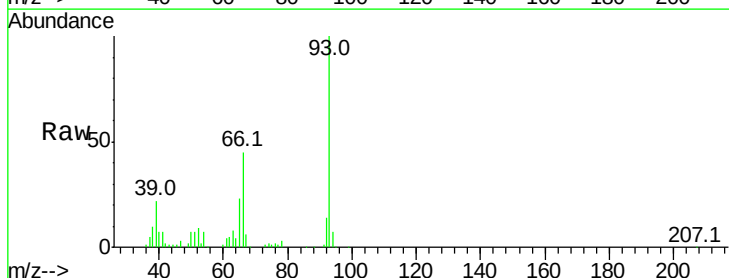
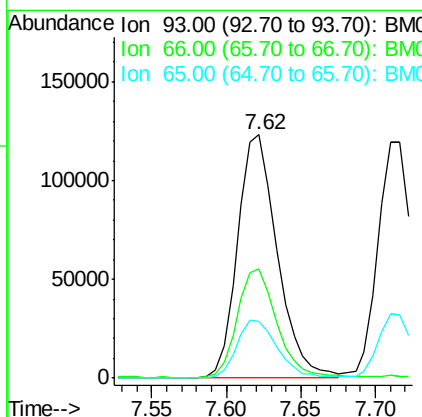
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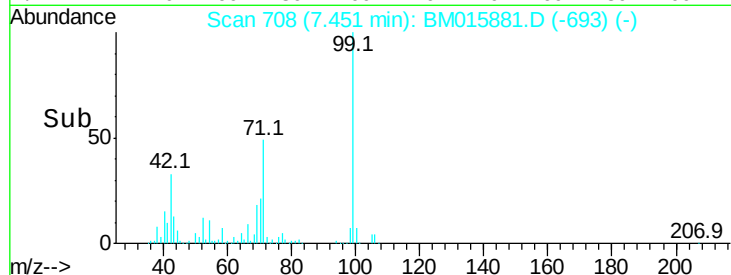
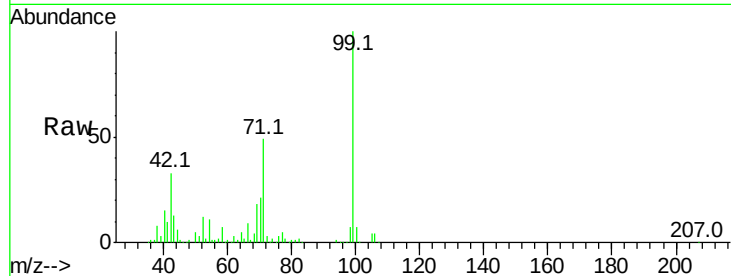
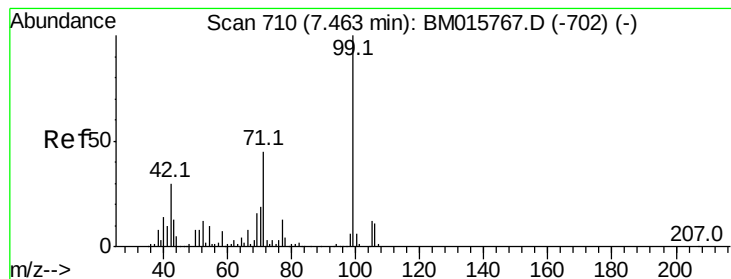
Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 227863 |       |       |
| 66      | 44.9  | 30.8   | 46.2  |       |
| 65      | 23.4  | 16.0   | 24.0  |       |





#7

Phenol-d6

Concen: 35.993 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 99      | 100   |      |       |       |
| 42      | 32.7  | 11.0 | 16.4# |       |
| 71      | 48.8  | 23.4 | 35.2# |       |

Instrument :

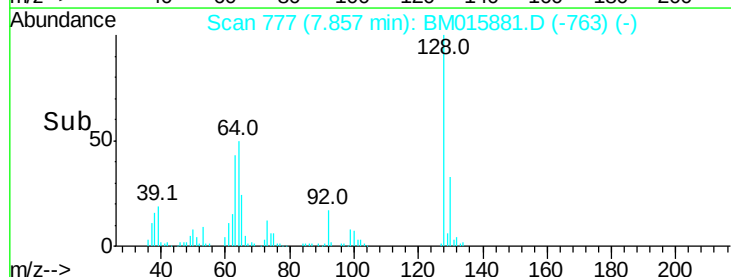
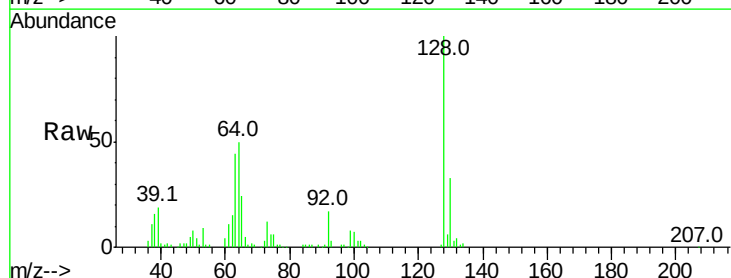
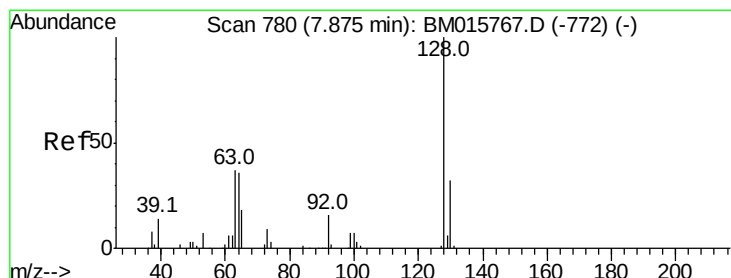
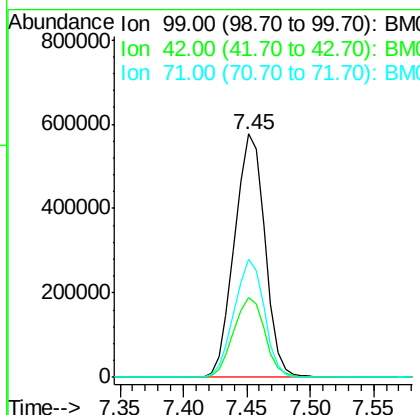
BNA\_M

ClientSampleId :

PB110959BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 53.140 ng

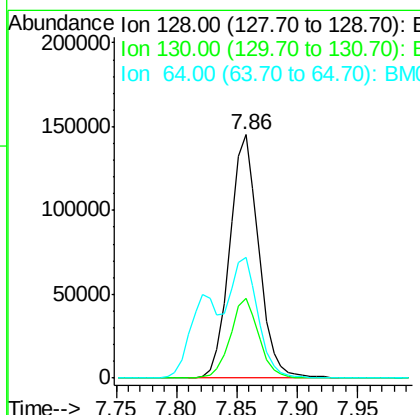
RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

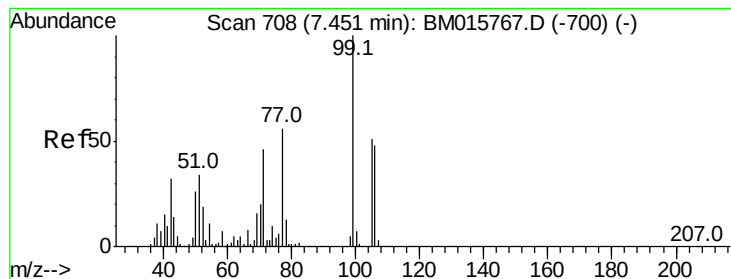
Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 130     | 32.6  | 12.0 | 52.0  |       |
| 64      | 49.8  | 24.9 | 64.9  |       |







#9

Benzaldehyde

Concen: 42.358 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

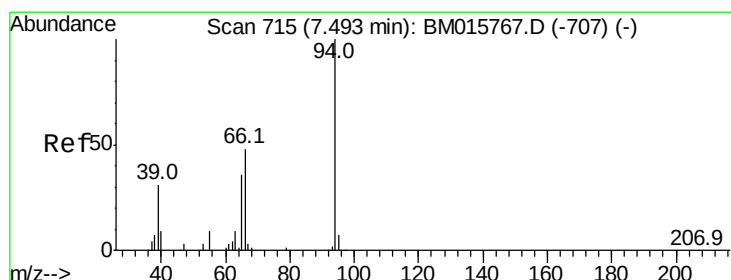
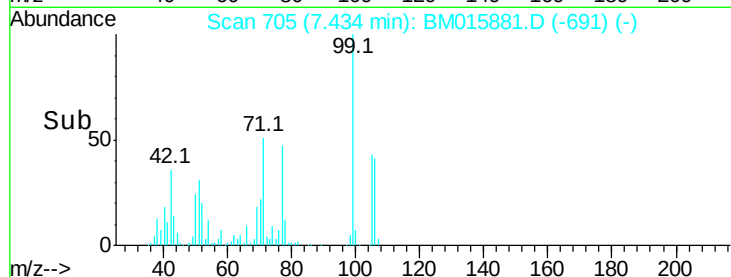
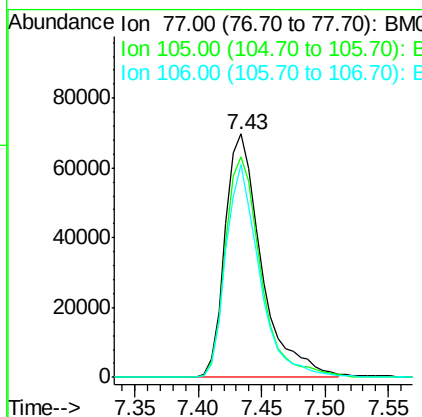
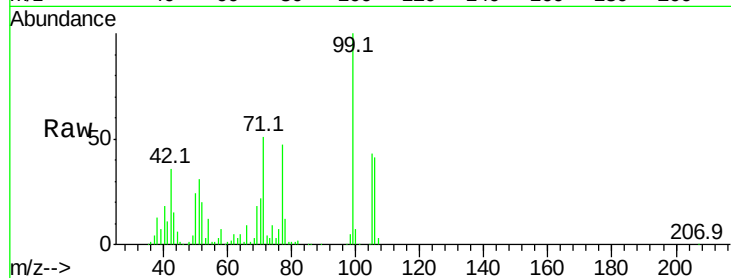
ClientSampleId :

PB110959BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 139408 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 90.8  | 78.8  | 118.8  |
| 106       | 87.3  | 73.7  | 113.7  |

Manual Integrations  
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#10

Phenol

Concen: 55.564 ng

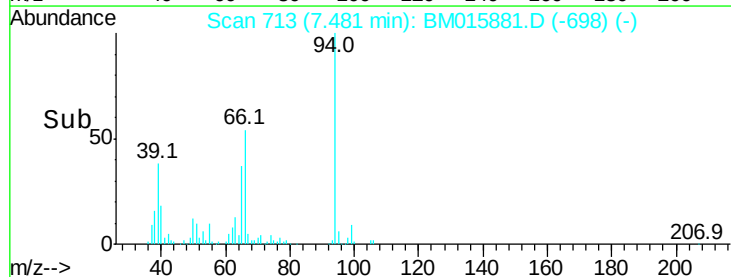
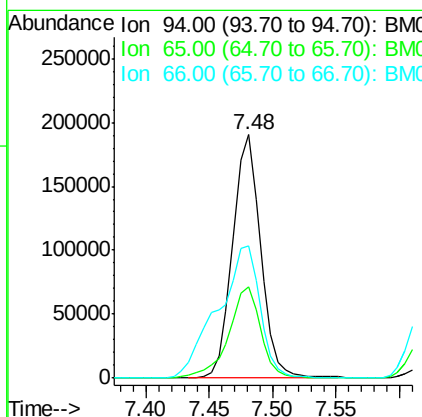
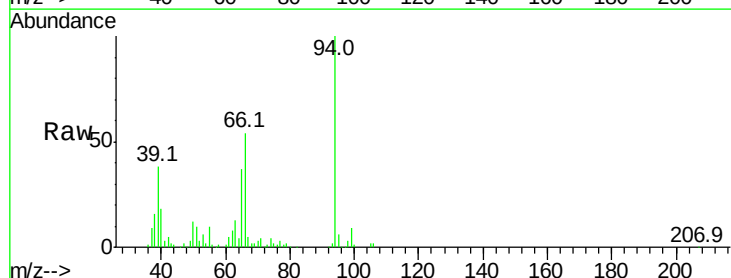
RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

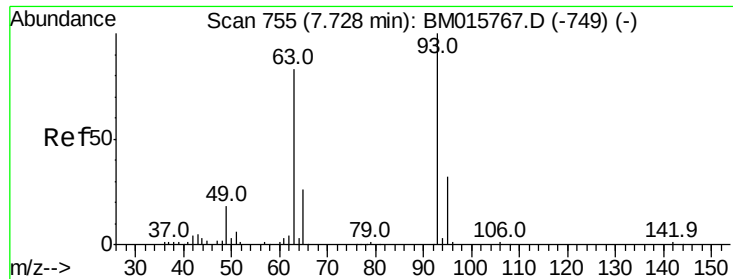
Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 291538 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 37.4  | 18.8  | 58.8   |
| 66        | 54.5  | 39.9  | 79.9   |







#11

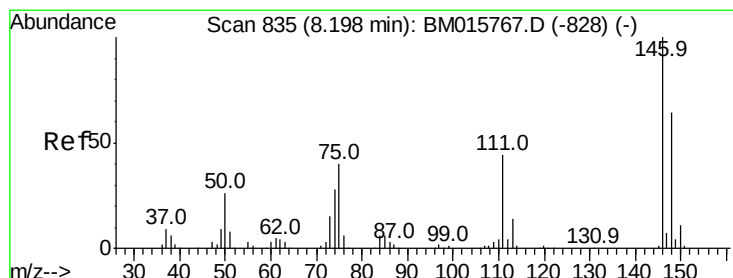
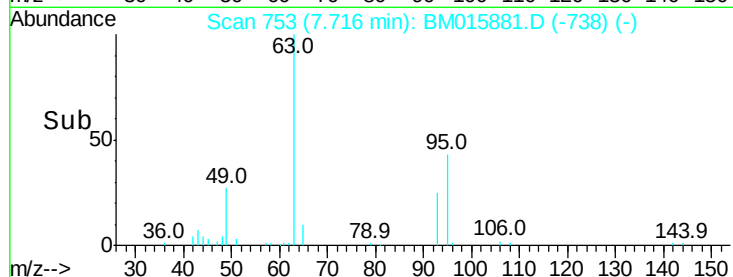
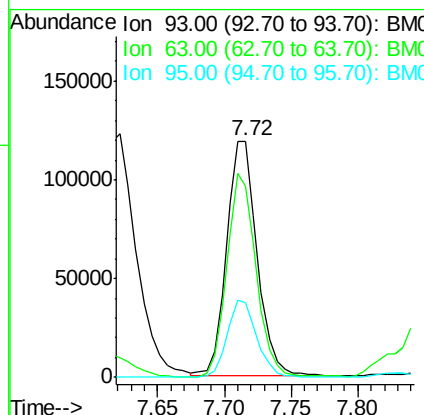
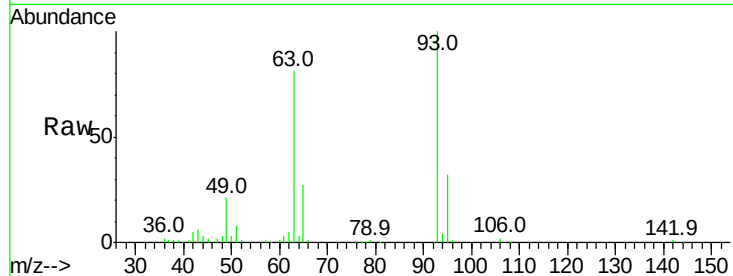
bis(2-Chloroethyl)ether  
Concen: 44.565 ng  
RT: 7.72 min Scan# 753  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 80.7  | 49.5  | 89.5  |
| 95      | 31.7  | 13.5  | 53.5  |

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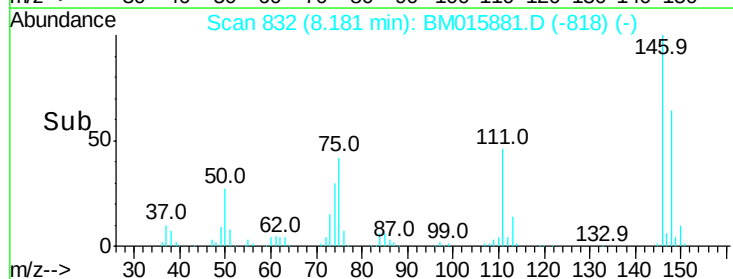
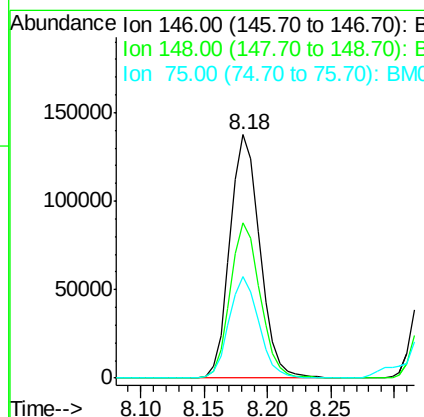
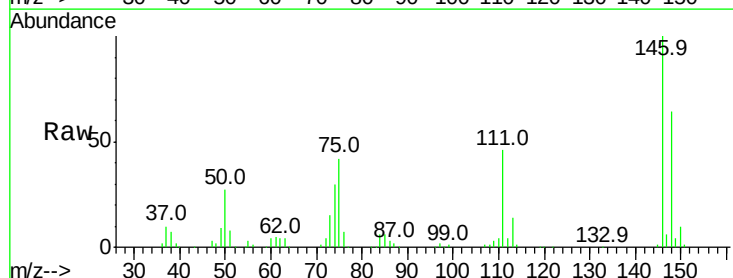
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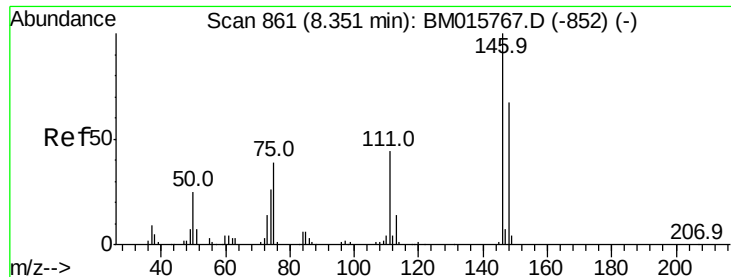


#12

1,3-Dichlorobenzene  
Concen: 44.232 ng  
RT: 8.18 min Scan# 832  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 50.9  | 76.3  |
| 75      | 41.9  | 21.4  | 32.2# |





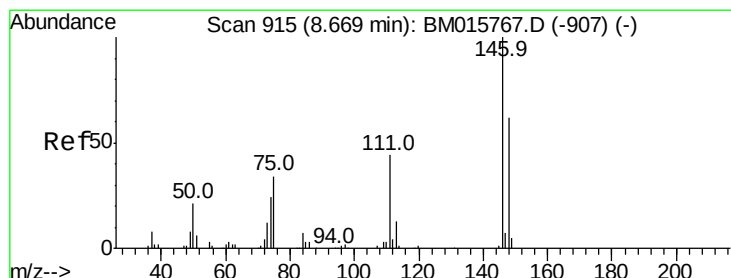
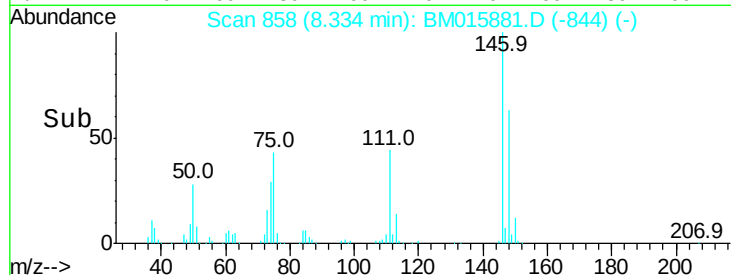
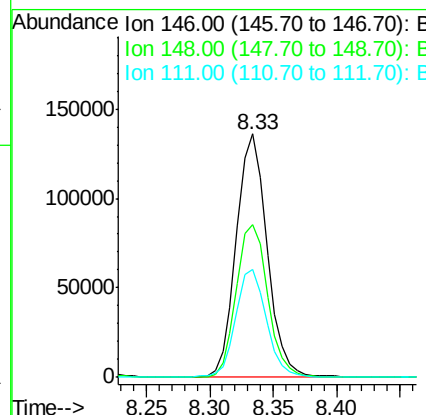
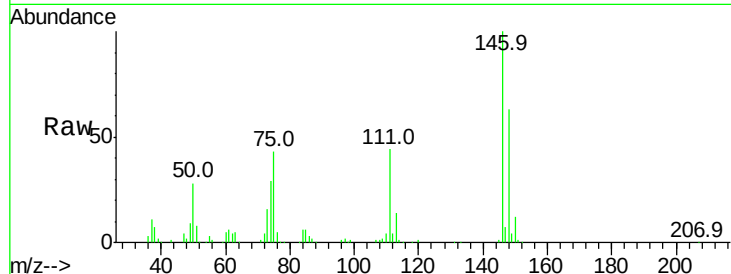
#13  
1,4-Dichlorobenzene  
Concen: 43.715 ng  
RT: 8.33 min Scan# 858  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 51.9  | 77.9  |
| 111     | 44.3  | 29.2  | 43.8  |

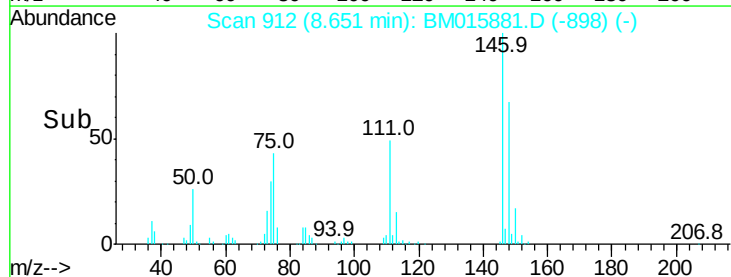
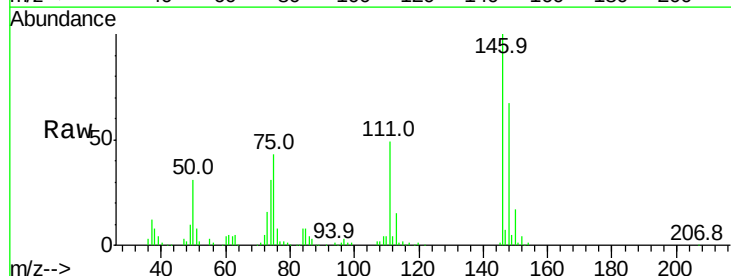
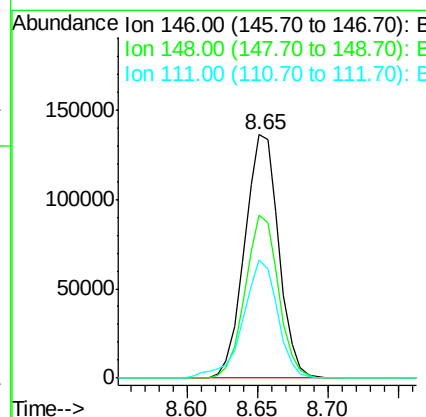
Manual Integrations  
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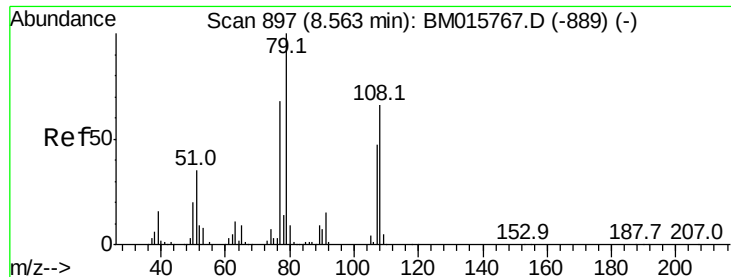
Sohil  
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#14  
1,2-Dichlorobenzene  
Concen: 45.327 ng  
RT: 8.65 min Scan# 912  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.8  | 52.3  | 78.5  |
| 111     | 48.7  | 30.6  | 45.8  |





#15

Benzyl Alcohol

Concen: 49.903 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

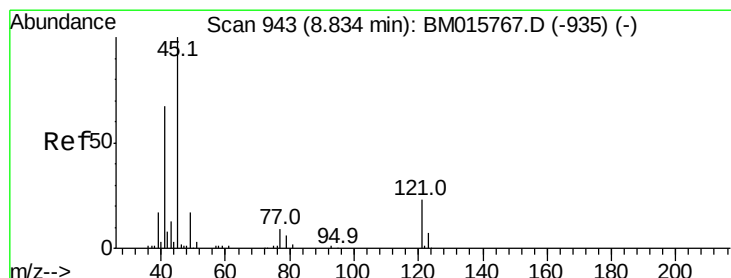
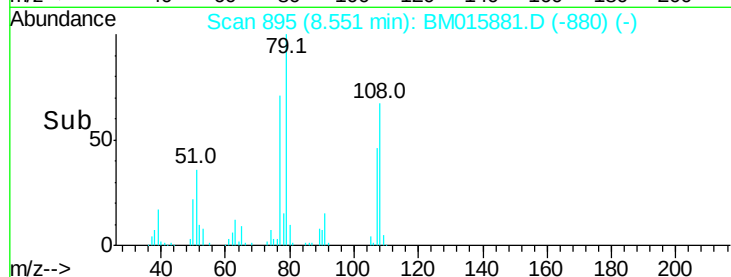
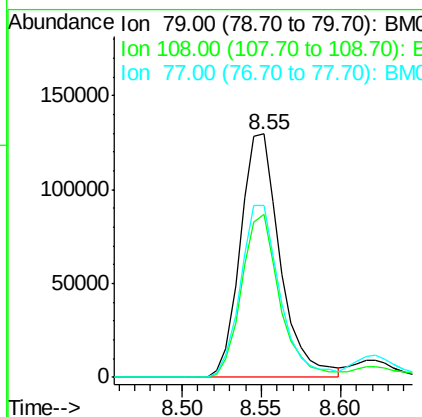
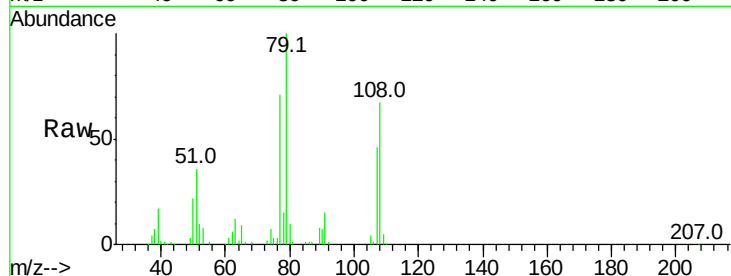
ClientSampleId :

PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 66.9  | 65.0  | 97.4  |
| 77      | 70.5  | 53.0  | 79.6  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 65.718 ng

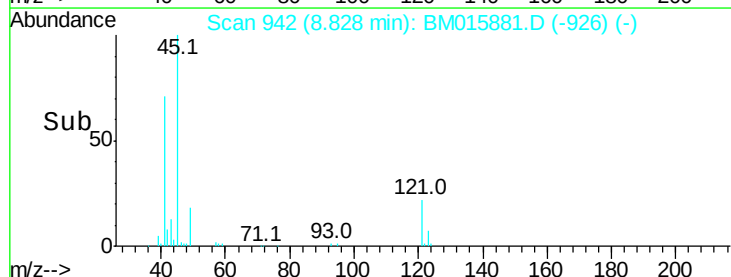
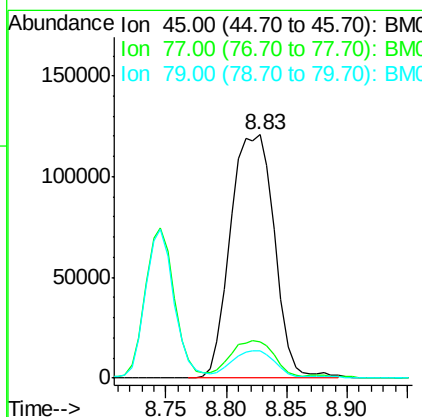
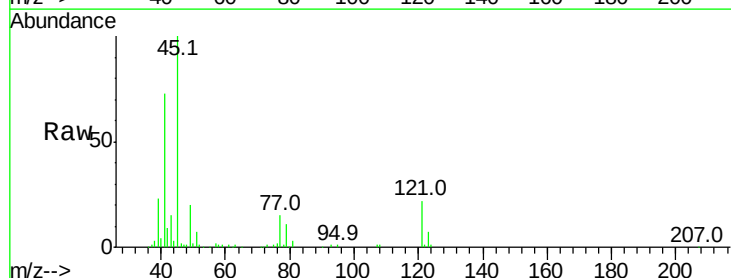
RT: 8.83 min Scan# 942

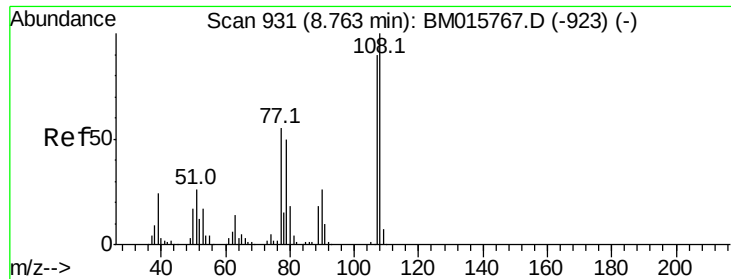
Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.1  | 0.0   | 35.2  |
| 79      | 11.2  | 0.0   | 32.0  |





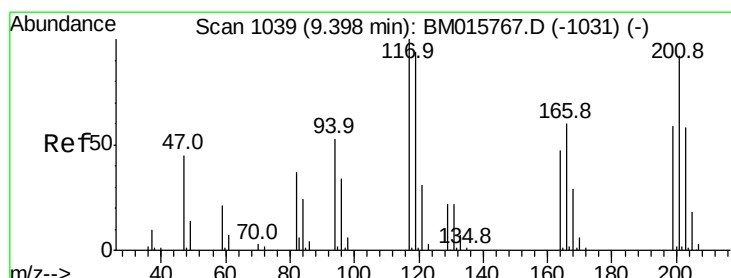
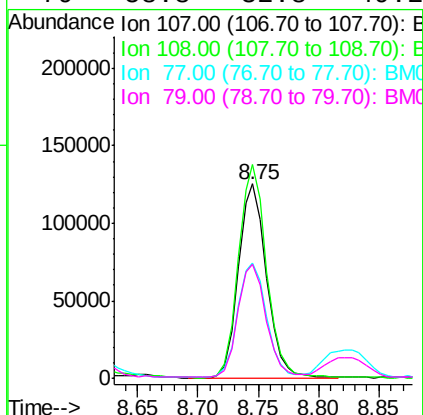
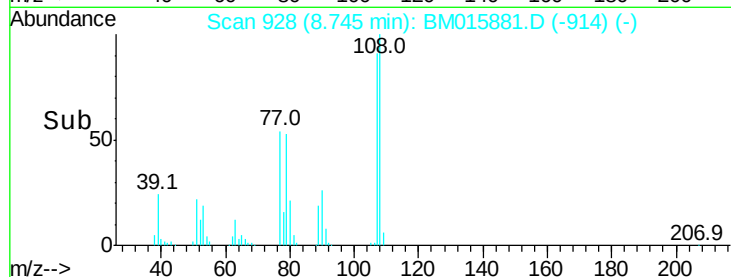
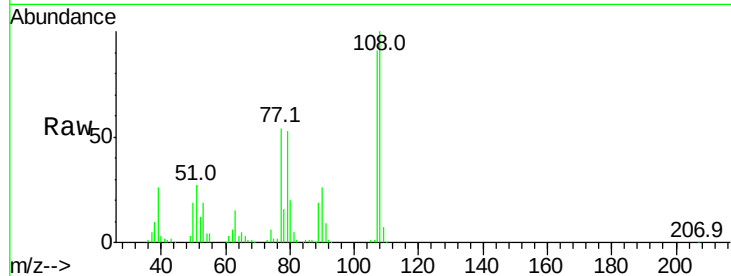
#17  
2-Methylphenol  
Concen: 56.621 ng  
RT: 8.75 min Scan# 928  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 107     | 100   |            |       |
| 108     | 110.0 | 89.8       | 134.8 |
| 77      | 59.6  | 32.6       | 48.8# |
| 79      | 58.8  | 32.8       | 49.2# |

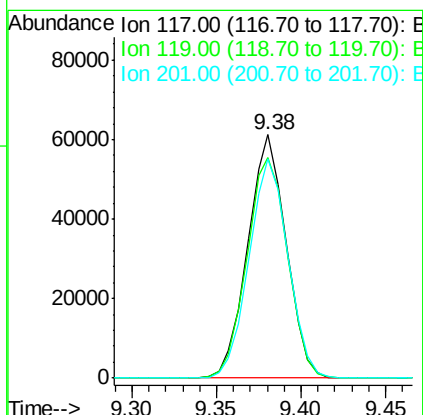
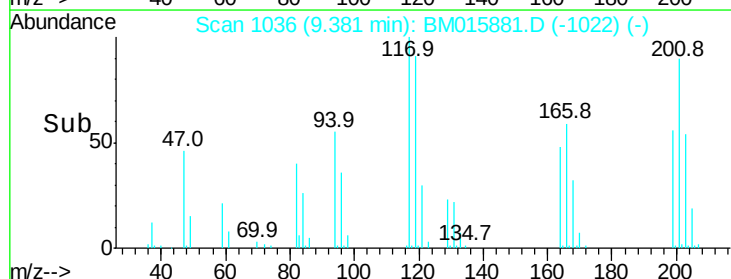
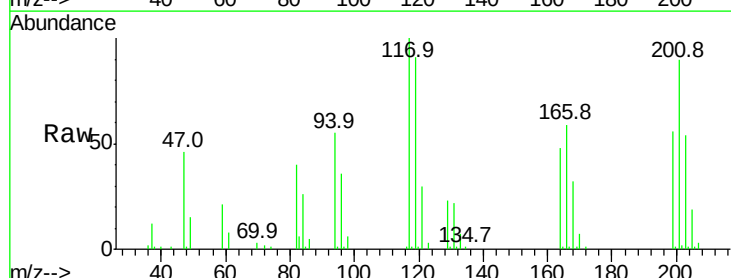
Manual Integrations  
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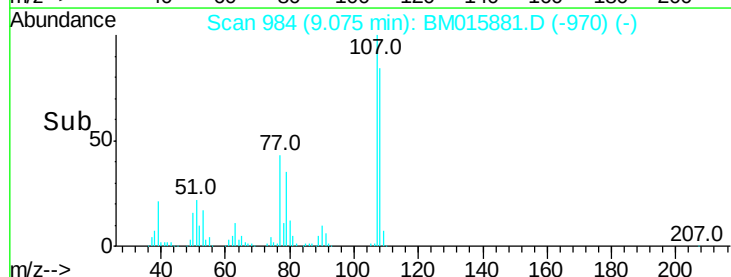
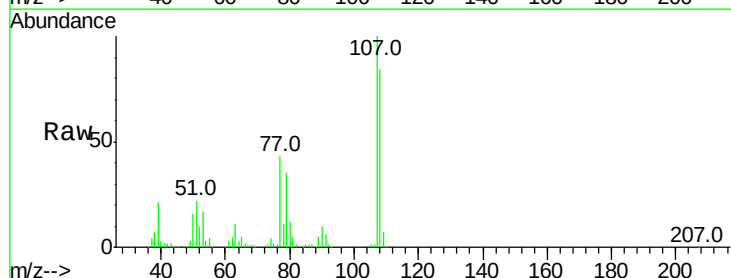
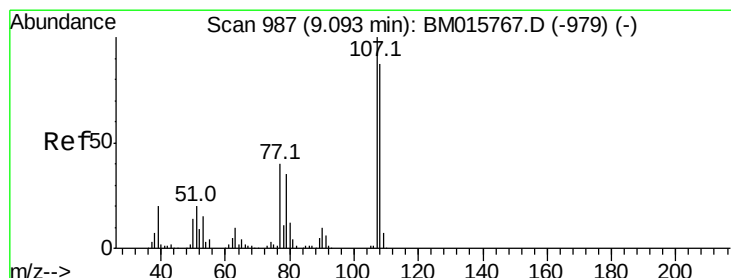
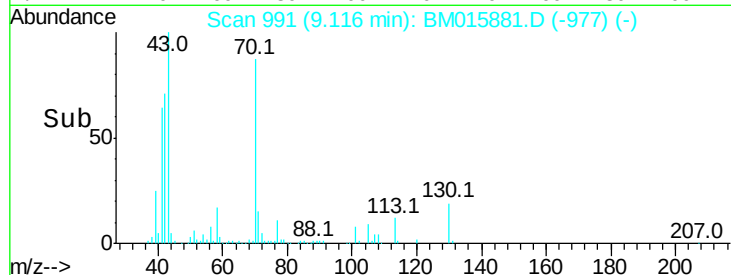
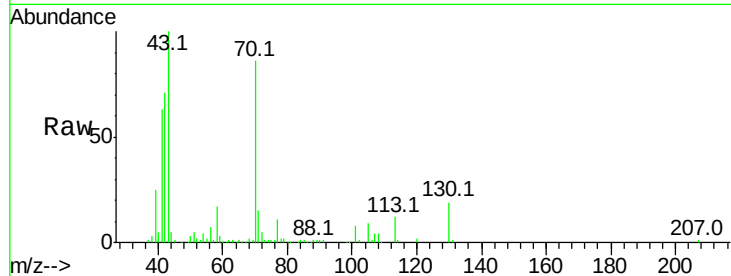
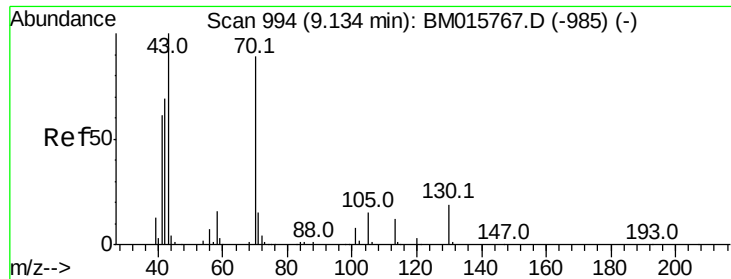
Sohil  
7/11/2018 12:17:27 PM



#18  
Hexachloroethane  
Concen: 46.679 ng  
RT: 9.38 min Scan# 1036  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 119     | 90.8  | 79.2       | 118.8 |
| 201     | 89.9  | 69.8       | 104.6 |





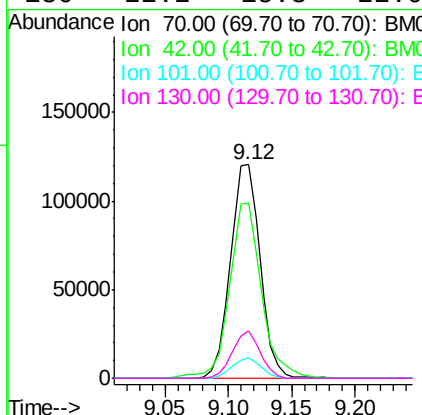
#19  
n-Nitroso-di-n-propylamine  
Concen: 46.289 ng  
RT: 9.12 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 82.1  | 44.5  | 66.7# |
| 101     | 9.8   | 7.4   | 11.2  |
| 130     | 22.2  | 15.3  | 22.9  |

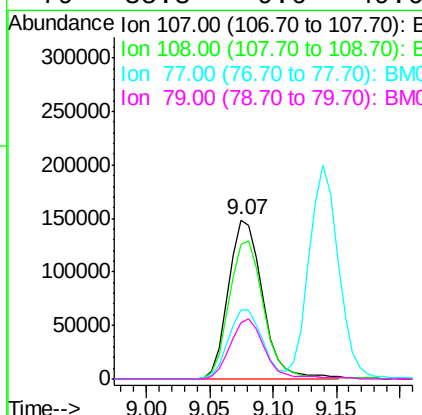
Manual Integrations  
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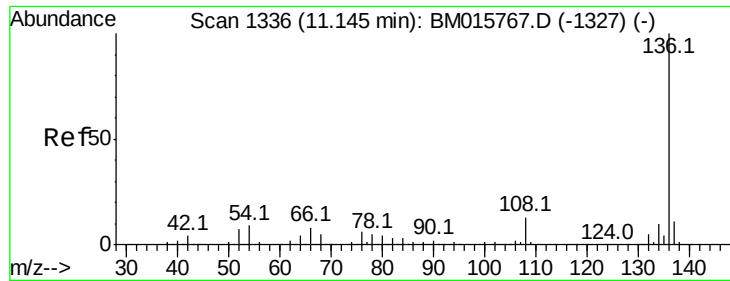
Sohil  
7/11/2018 12:17:27 PM



#20  
3+4-Methylphenols  
Concen: 55.097 ng  
RT: 9.07 min Scan# 984  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.5  | 73.2  | 113.2 |
| 77      | 43.2  | 10.7  | 50.7  |
| 79      | 35.3  | 9.6   | 49.6  |





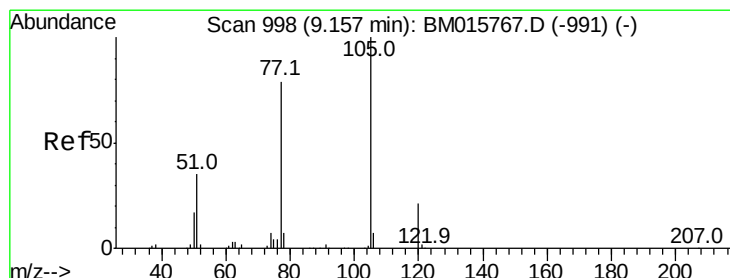
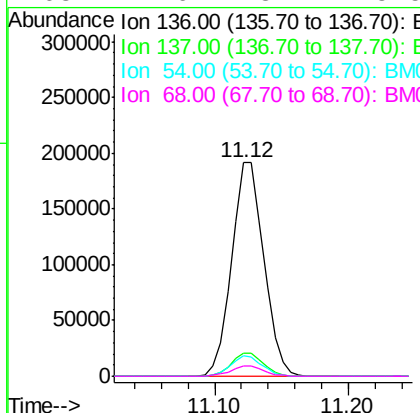
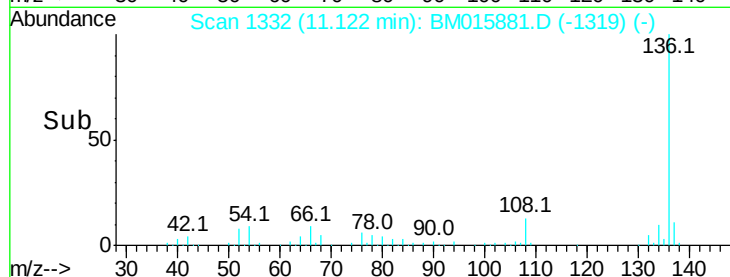
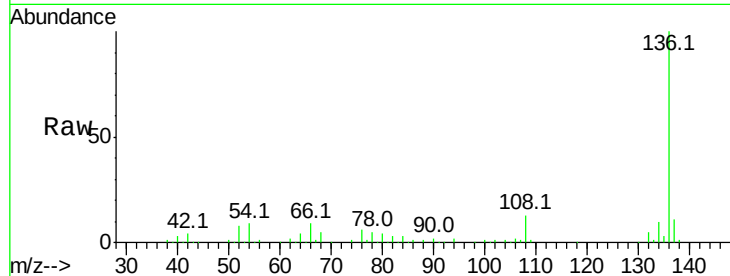
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.12 min Scan# 1332  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.9  | 8.7  | 13.1  |       |
| 54      | 9.4   | 4.6  | 6.8#  |       |
| 68      | 4.6   | 3.7  | 5.5   |       |

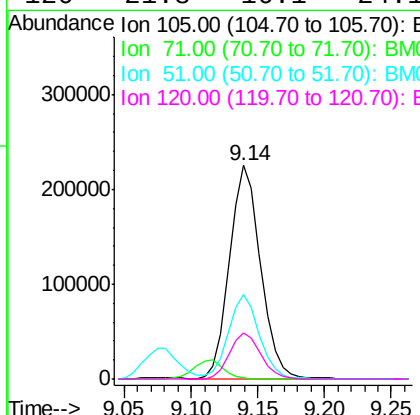
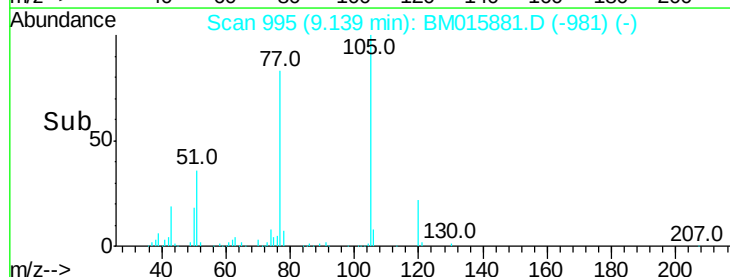
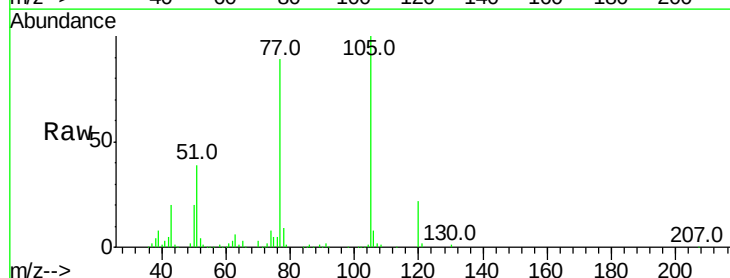
Manual Integrations  
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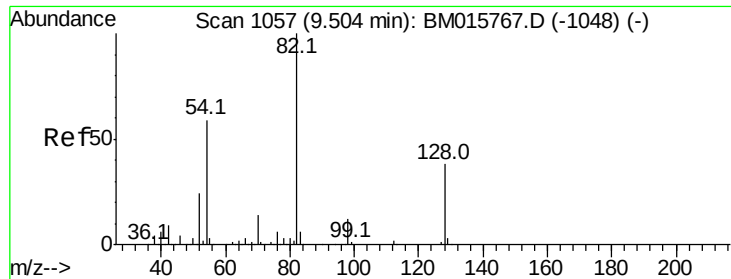
Sohil  
7/11/2018 12:17:27 PM



#22  
Acetophenone  
Concen: 43.546 ng  
RT: 9.14 min Scan# 995  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.4   | 0.6  | 1.0#  |       |
| 51      | 39.4  | 21.6 | 32.4# |       |
| 120     | 21.8  | 16.1 | 24.1  |       |





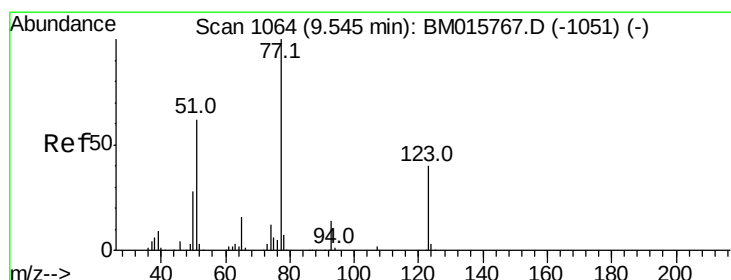
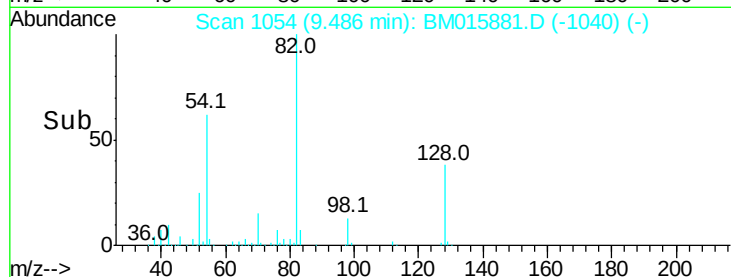
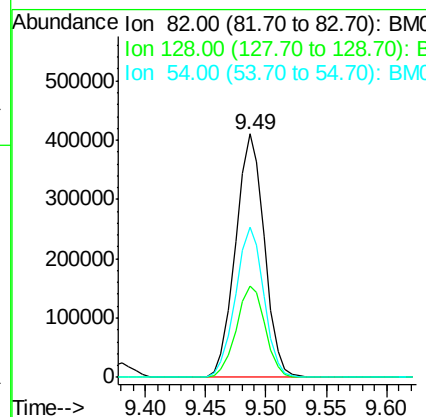
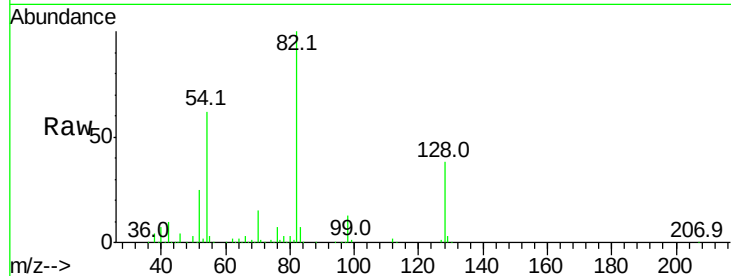
#23  
 Nitrobenzene-d5  
 Concen: 43.546 ng  
 RT: 9.49 min Scan# 1054  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB110959BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 680973 |       |       |
| 128     | 37.6  |        | 32.8  | 49.2  |
| 54      | 61.6  |        | 40.6  | 60.8# |

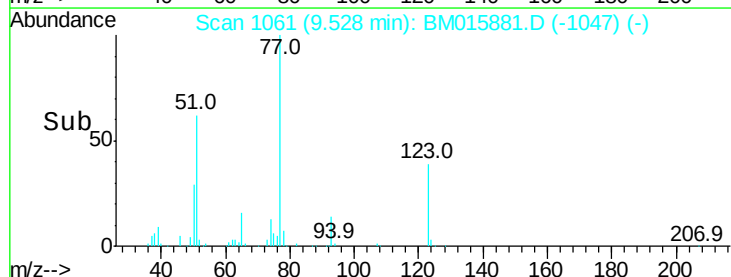
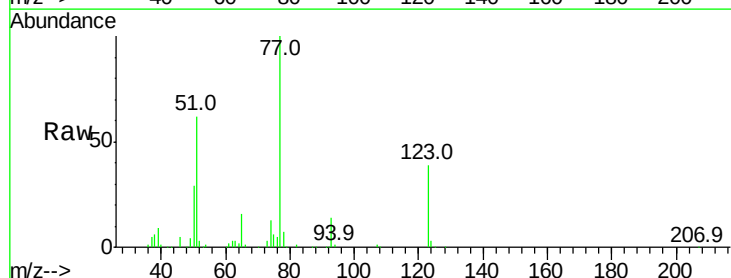
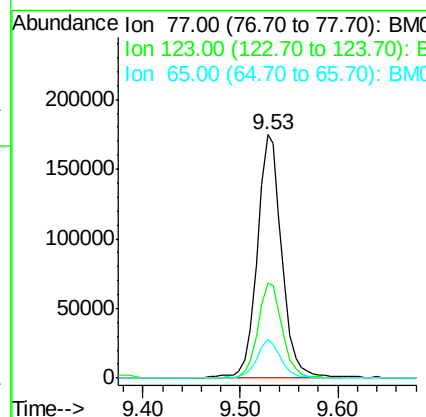
Manual Integrations  
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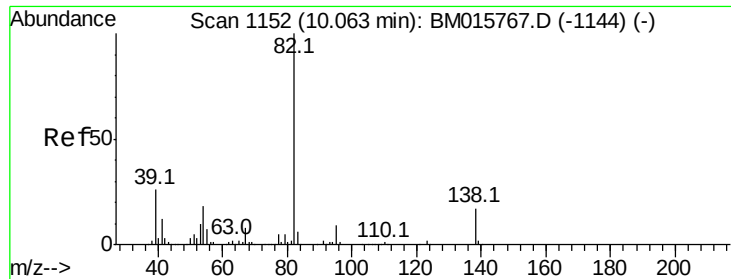


#24  
 Nitrobenzene  
 Concen: 48.223 ng  
 RT: 9.53 min Scan# 1061  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 309469 |       |       |
| 123     | 39.1  |        | 32.6  | 49.0  |
| 65      | 15.9  |        | 10.9  | 16.3  |







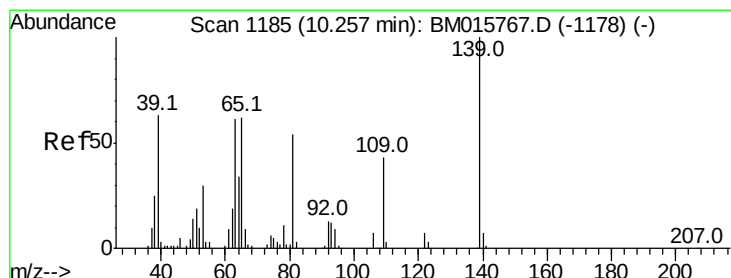
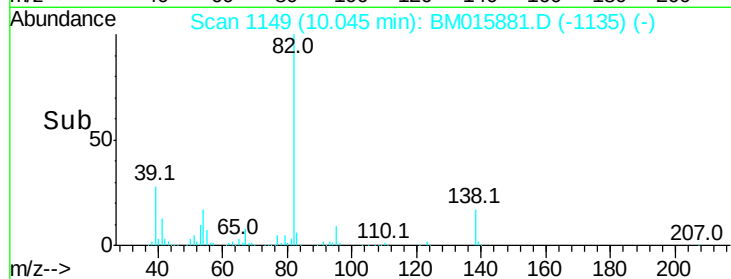
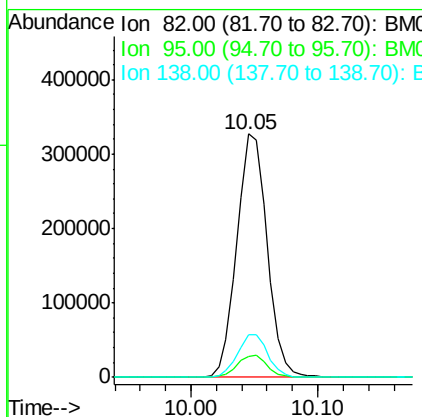
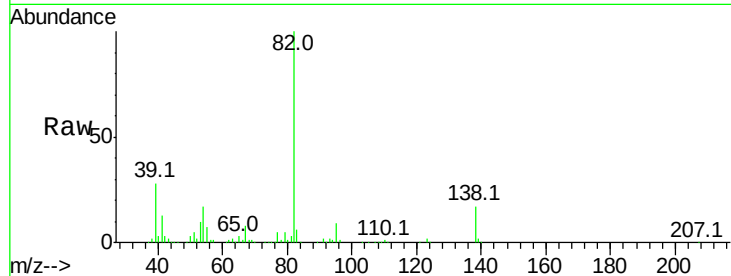
#25  
Isophorone  
Concen: 53.890 ng  
RT: 10.05 min Scan# 1149  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 542270 |       |       |
| 95      | 8.7   |        | 5.8   | 8.6#  |
| 138     | 17.4  |        | 16.3  | 24.5  |

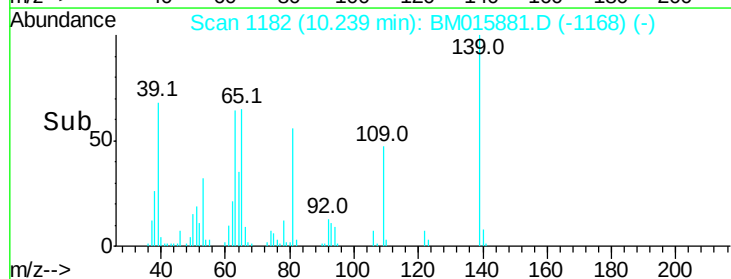
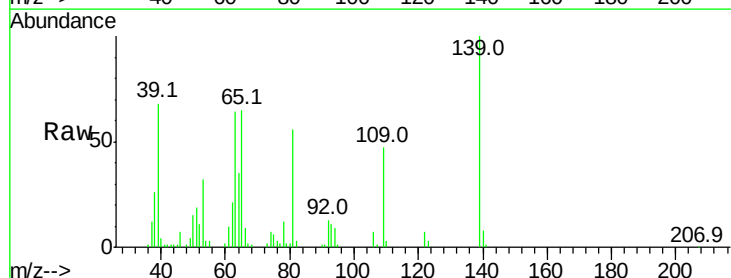
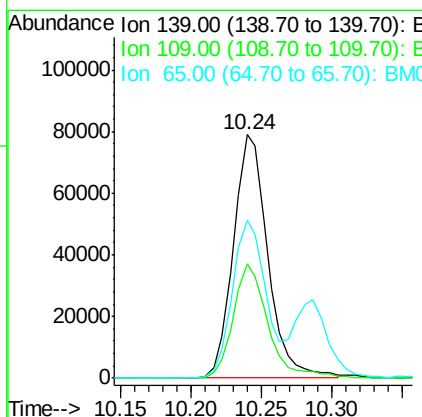
Manual Integrations  
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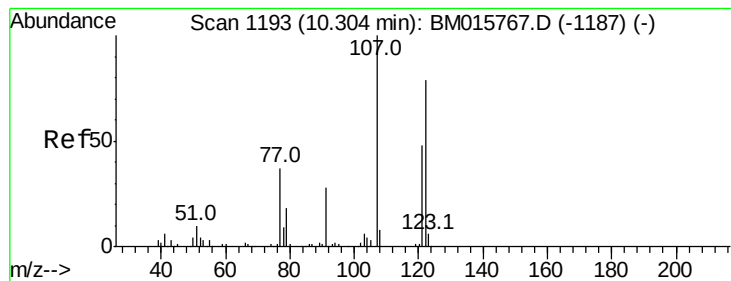
Sohil  
7/11/2018 12:17:27 PM



#26  
2-Nitrophenol  
Concen: 48.736 ng  
RT: 10.24 min Scan# 1182  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 134677 |       |       |
| 109     | 46.9  |        | 20.1  | 30.1# |
| 65      | 64.7  |        | 31.5  | 47.3# |





#27

2,4-Dimethylphenol

Concen: 58.922 ng

RT: 10.29 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

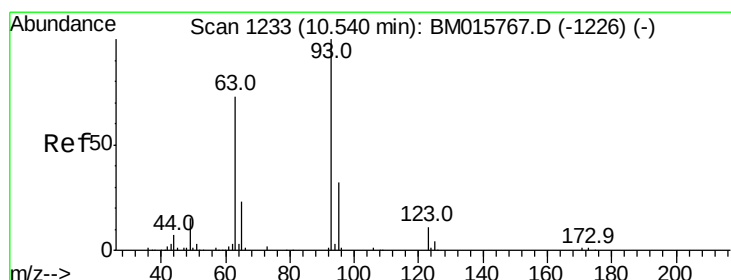
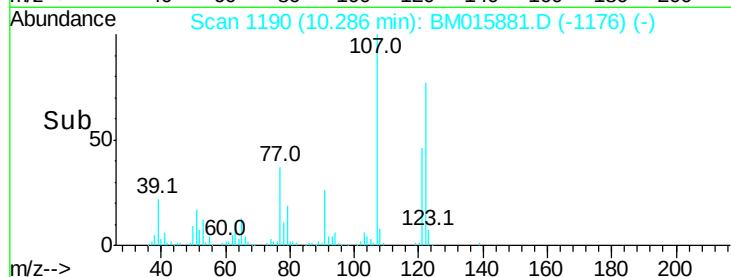
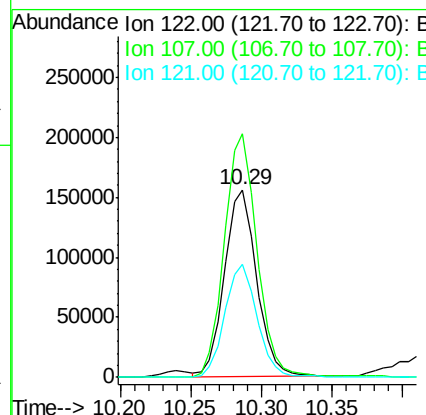
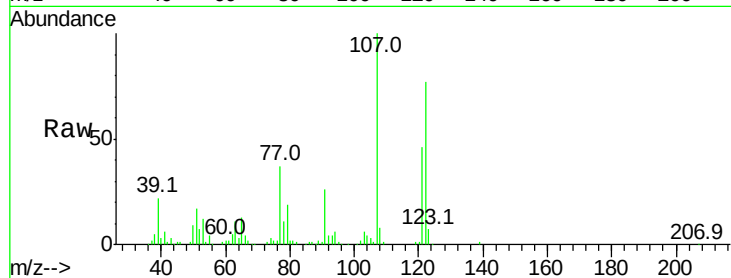
ClientSampled :

PB110959BS

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 122     | 100   | 247356 |        |       |
| 107     | 129.7 | 84.7   | 127.1# |       |
| 121     | 60.0  | 46.6   | 69.8   |       |

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#28

bis(2-Chloroethoxy)methane

Concen: 48.727 ng

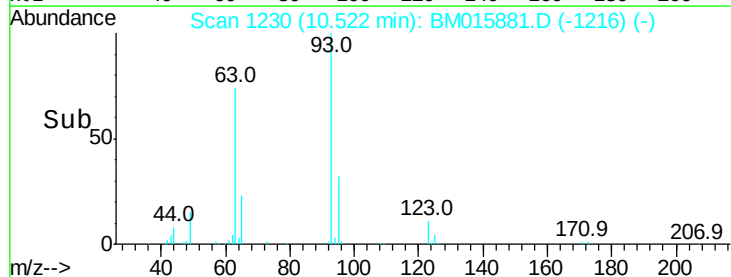
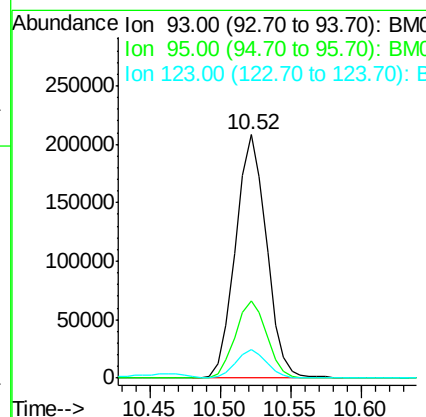
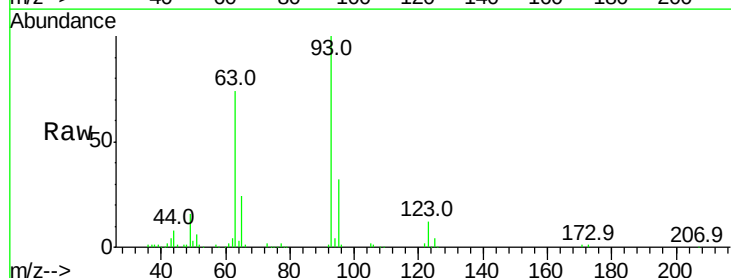
RT: 10.52 min Scan# 1230

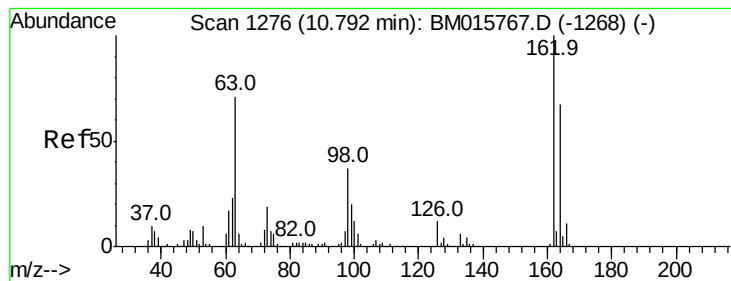
Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 319441 |       |       |
| 95      | 31.9  | 25.5   | 38.3  |       |
| 123     | 11.7  | 8.6    | 13.0  |       |





#29

2,4-Dichlorophenol

Concen: 56.202 ng

RT: 10.77 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

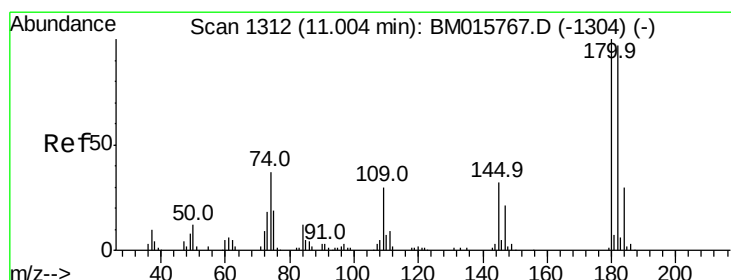
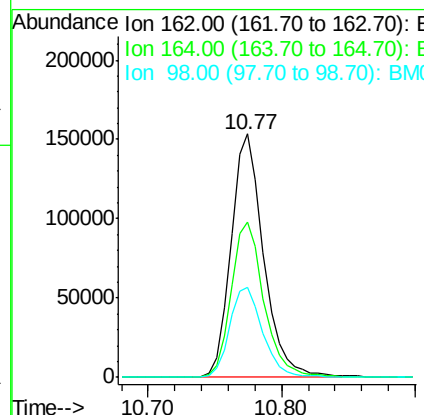
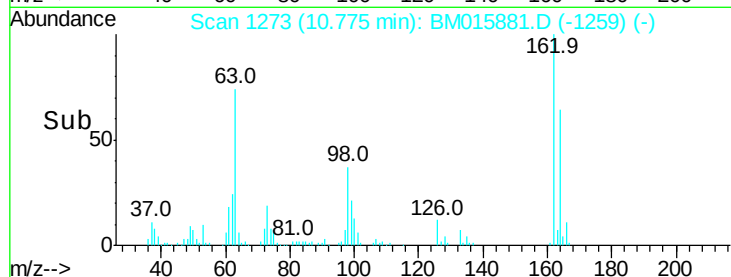
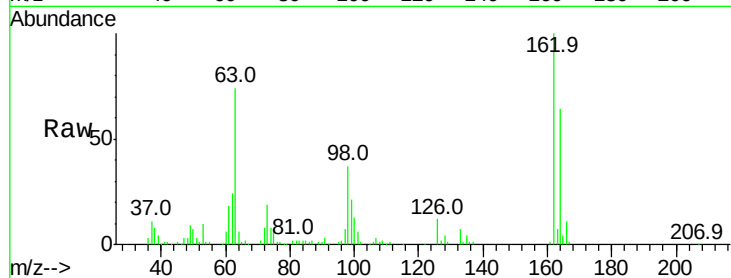
ClientSampleId :

PB110959BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 261308 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.7  | 42.8  | 82.8   |
| 98        | 36.9  | 14.5  | 54.5   |

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#30

1,2,4-Trichlorobenzene

Concen: 46.315 ng

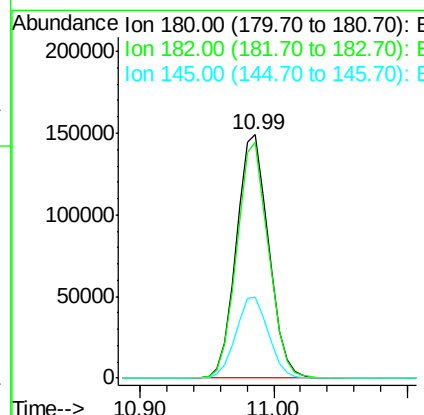
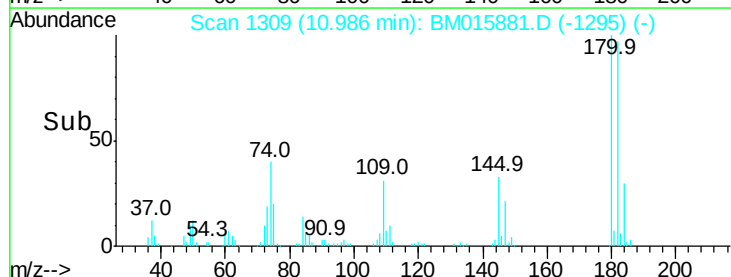
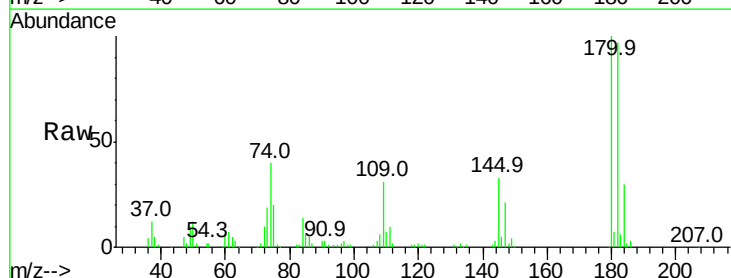
RT: 10.99 min Scan# 1309

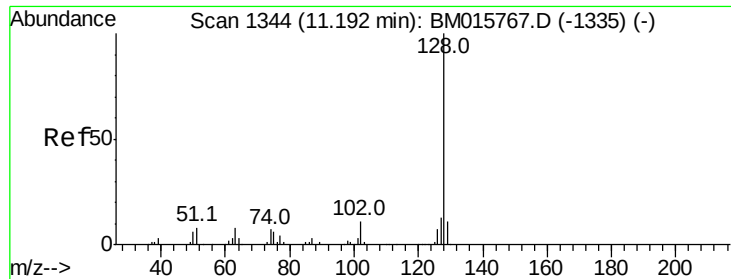
Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 250116 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.7  | 77.6  | 116.4  |
| 145       | 33.3  | 23.4  | 35.2   |





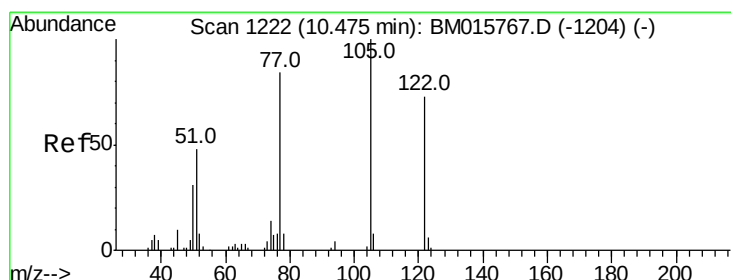
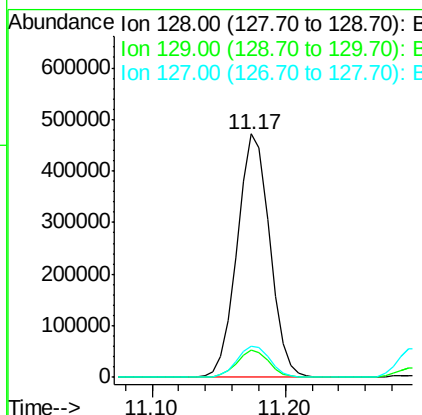
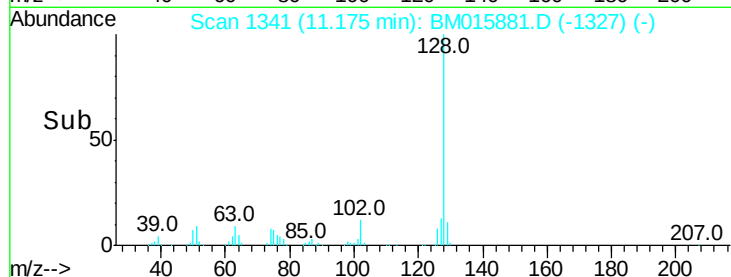
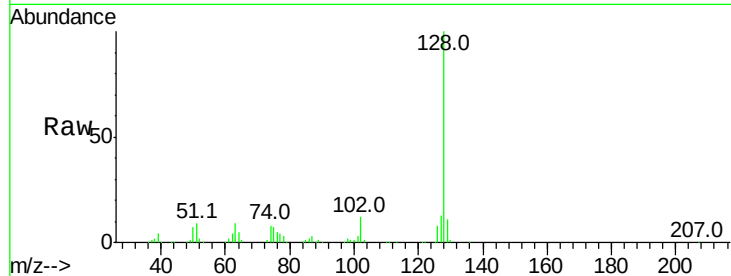
#31  
Naphthalene  
Concen: 47.837 ng  
RT: 11.17 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.9   | 13.3  |
| 127     | 13.0  | 10.4  | 15.6  |

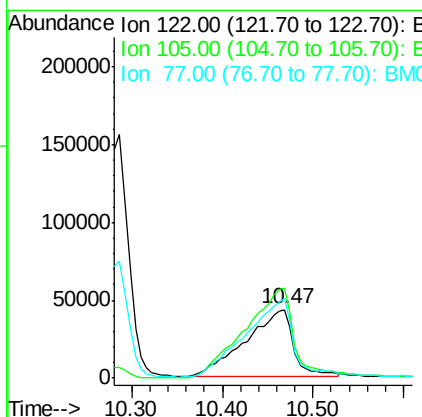
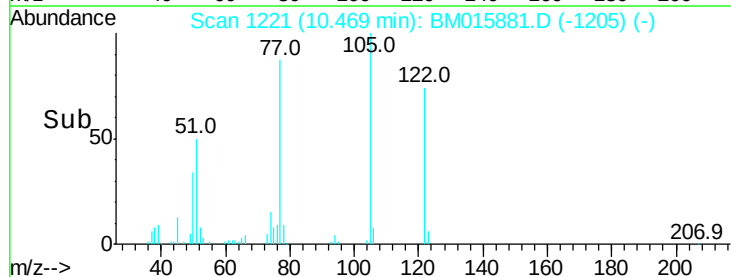
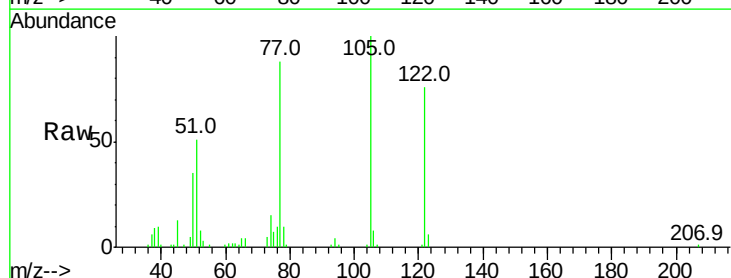
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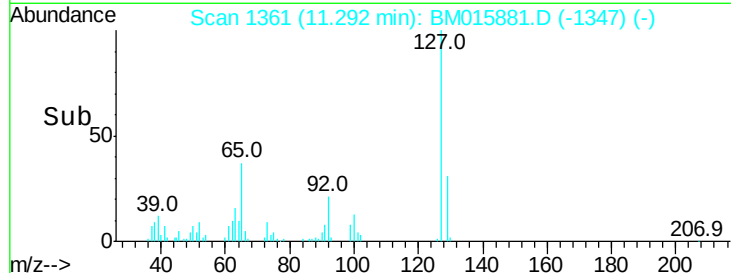
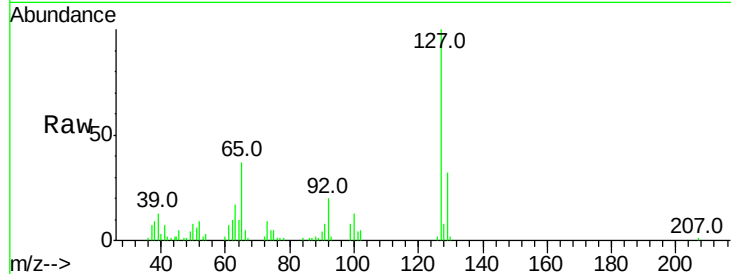
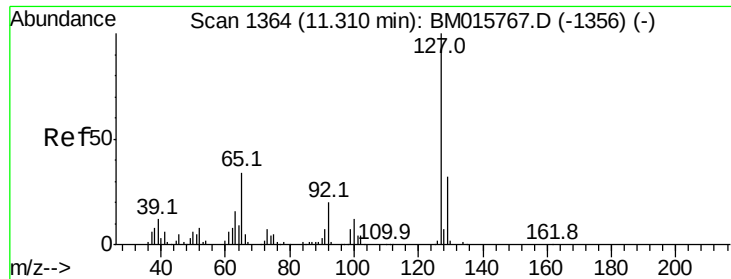
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#32  
Benzoic acid  
Concen: 42.729 ng  
RT: 10.47 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 131.7 | 99.9  | 139.9  |
| 77      | 115.6 | 73.7  | 113.7# |





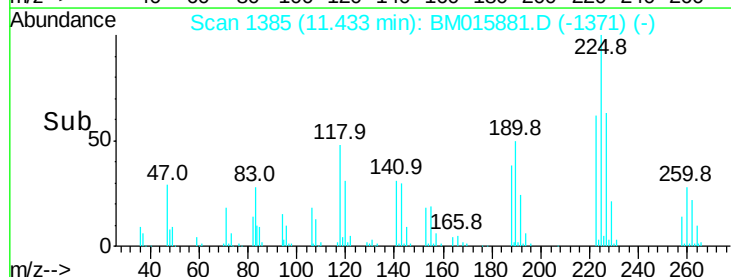
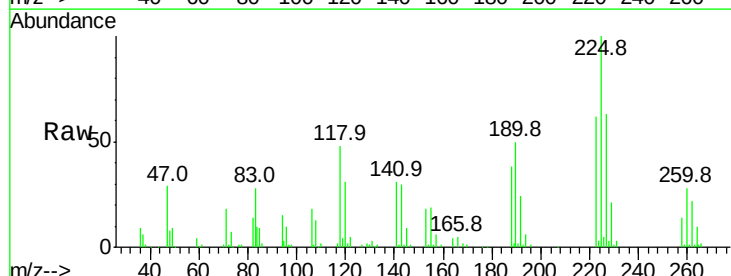
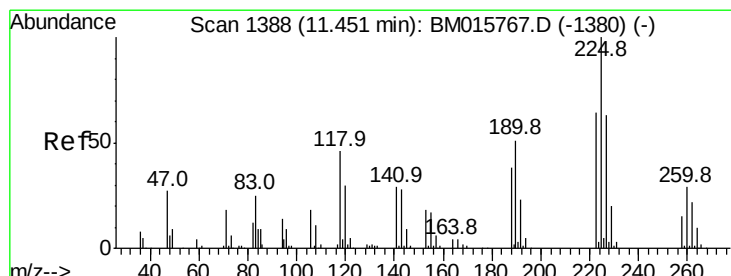
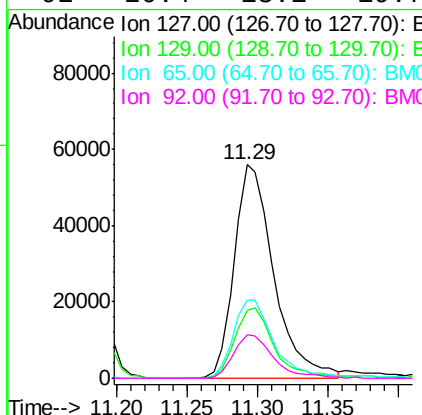
#33  
4-Chloroaniline  
Concen: 16.167 ng  
RT: 11.29 min Scan# 1361  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 31.8  | 25.3       | 37.9  |
| 65      | 36.6  | 17.6       | 26.4  |
| 92      | 20.4  | 13.1       | 19.7  |

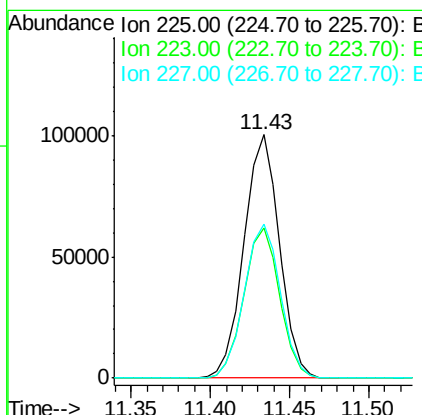
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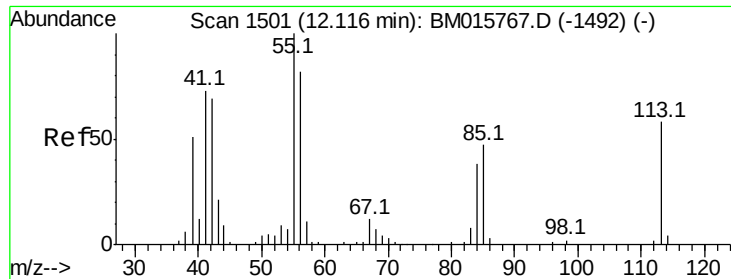
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#34  
Hexachlorobutadiene  
Concen: 43.425 ng  
RT: 11.43 min Scan# 1385  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 61.8  | 47.9       | 71.9  |
| 227     | 63.1  | 50.1       | 75.1  |





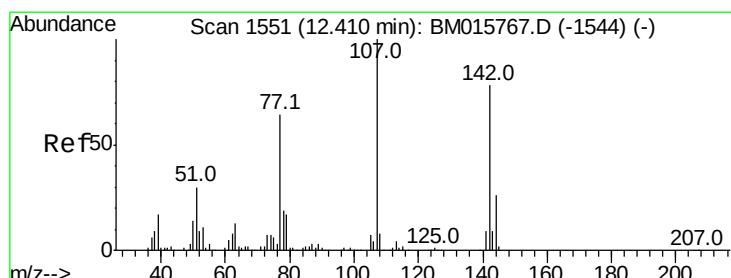
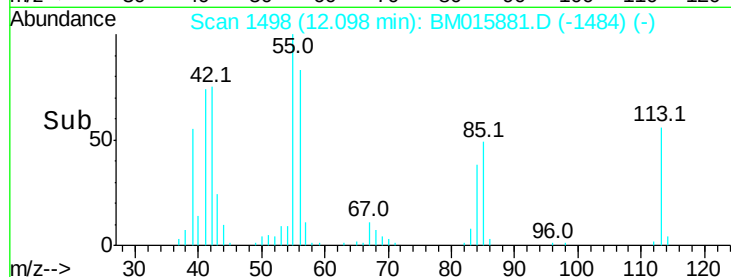
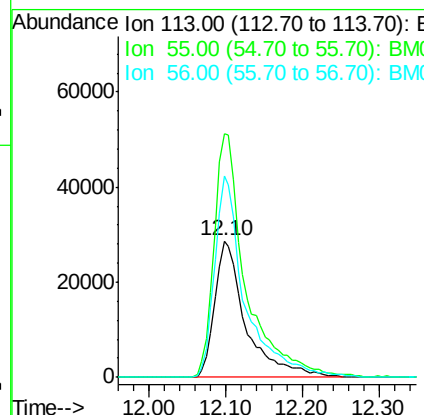
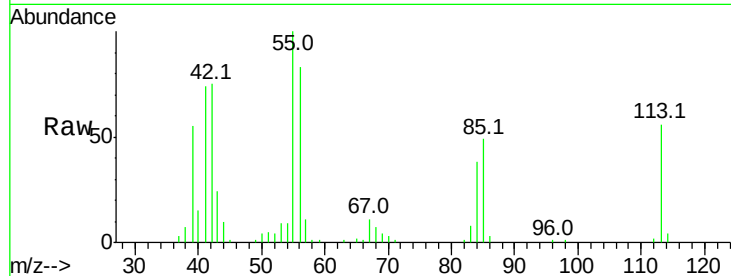
#35  
 Caprolactam  
 Concen: 51.998 ng/ml  
 RT: 12.10 min Scan# 1498  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

Tot Ion:113 Resp: 80179  
 Ion Ratio Lower Upper  
 113 100  
 55 178.3 145.9 185.9  
 56 147.6 101.0 141.0#

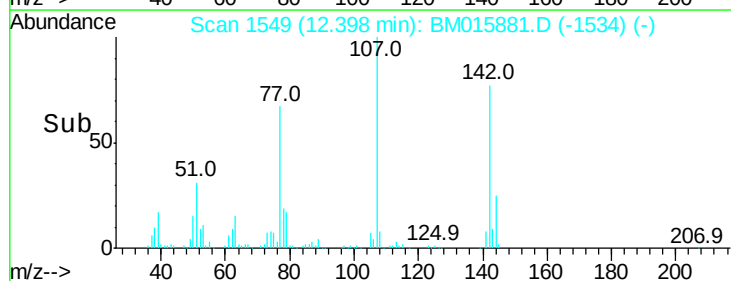
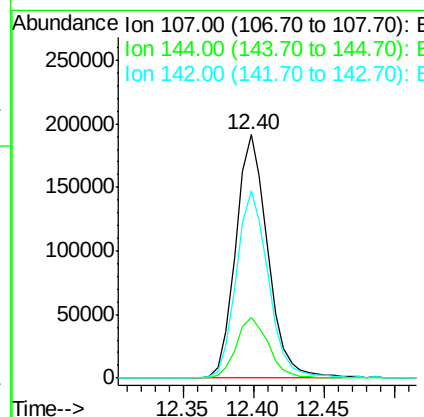
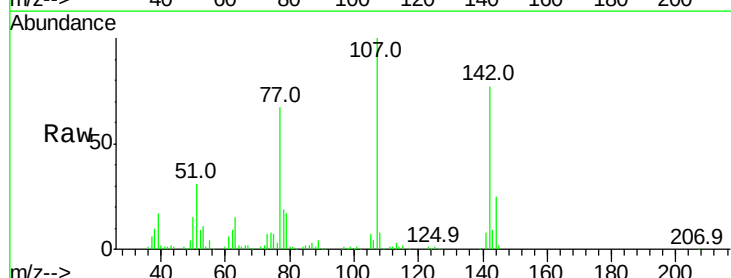
Manual Integrations  
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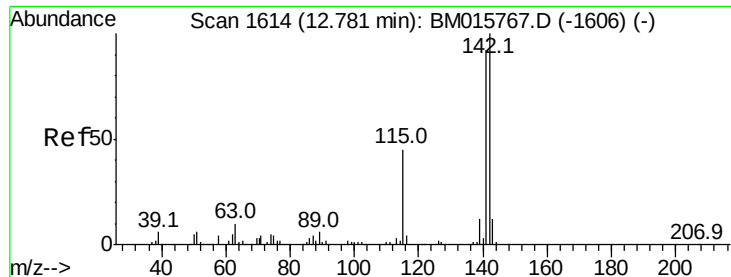
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#36  
 4-Chloro-3-methylphenol  
 Concen: 56.907 ng/ml  
 RT: 12.40 min Scan# 1549  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Tgt Ion:107 Resp: 303594  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 23.3 34.9  
 142 77.1 72.6 109.0





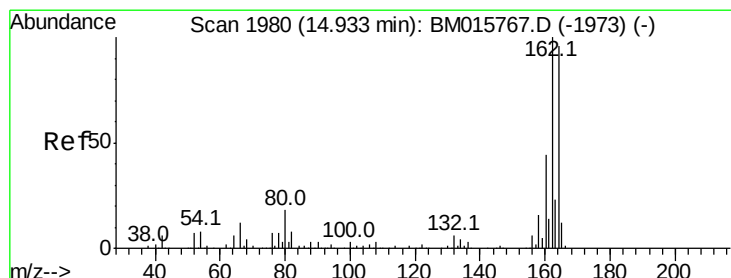
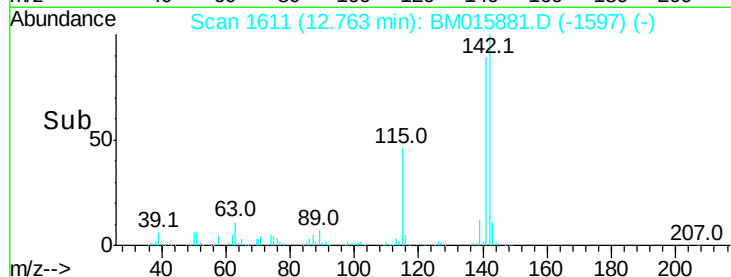
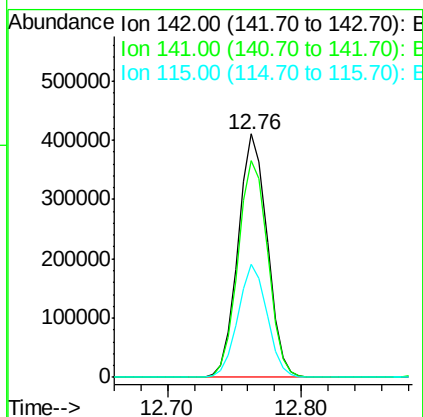
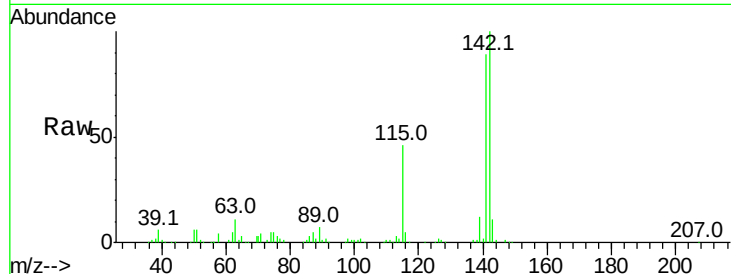
#37  
2-Methylnaphthalene  
Concen: 52.524 ng  
RT: 12.76 min Scan# 1611  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampled :  
PB110959BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 623117 |       |       |
| 141     | 88.8  | 71.9   | 107.9 |       |
| 115     | 46.3  | 25.4   | 38.0  |       |

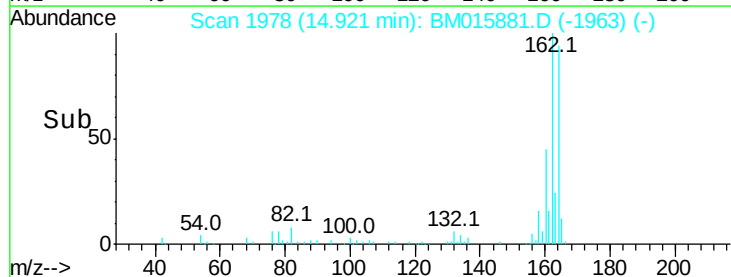
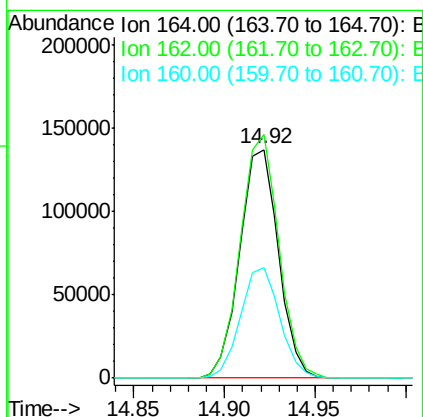
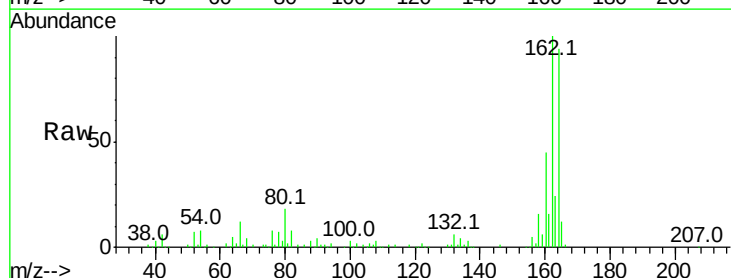
Manual Integrations  
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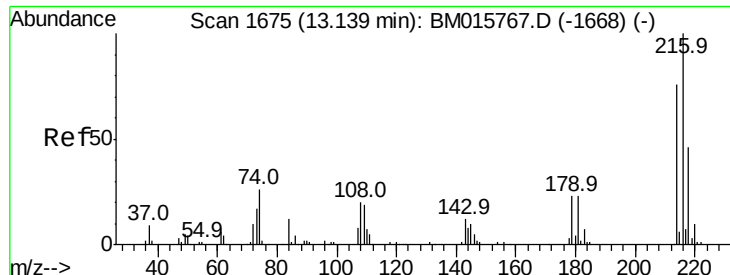
Sohil  
7/11/2018 12:17:27 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.92 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 203971 |       |       |
| 162     | 106.4 | 82.4   | 123.6 |       |
| 160     | 48.3  | 35.8   | 53.6  |       |





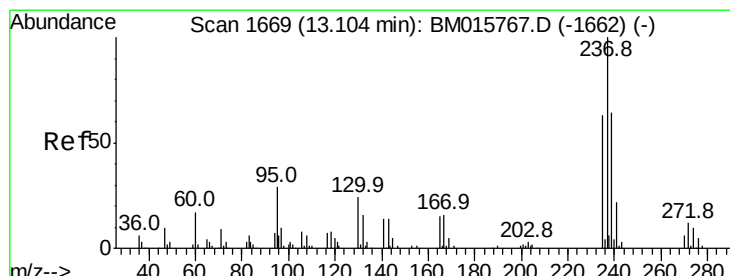
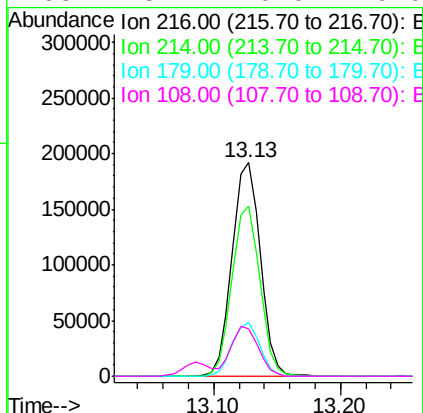
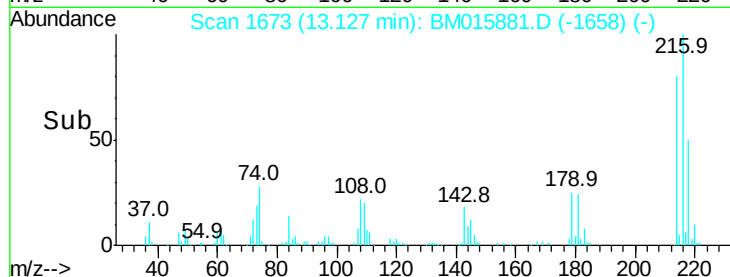
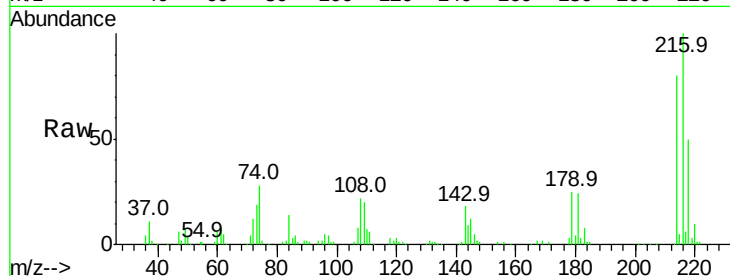
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.252 ng  
 RT: 13.13 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.8  | 0.0        | 0.0#  |
| 179     | 24.8  | 0.0        | 0.0#  |
| 108     | 23.1  | 0.0        | 0.0#  |

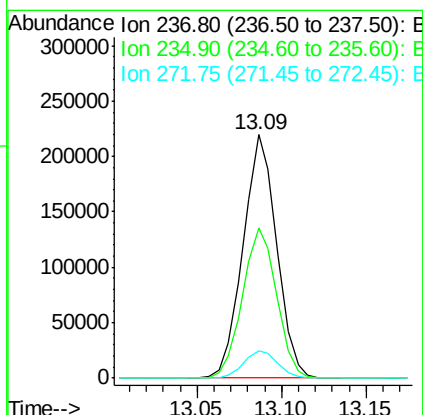
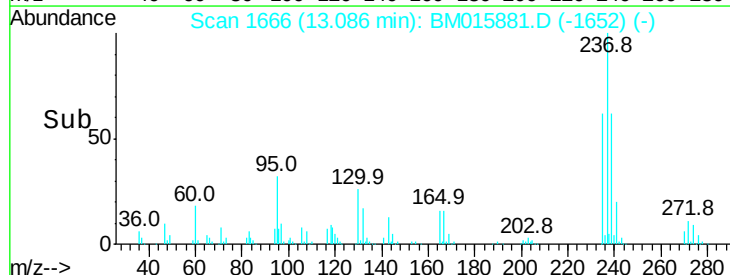
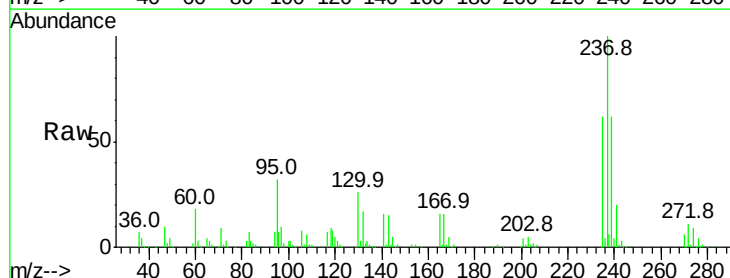
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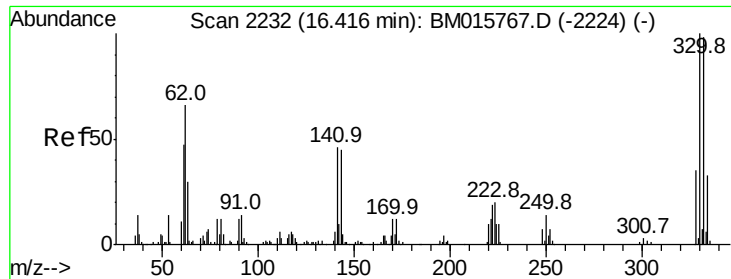


#40  
 Hexachlorocyclopentadiene  
 Concen: 97.156 ng  
 RT: 13.09 min Scan# 1666  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.5  | 42.0       | 82.0  |
| 272     | 11.3  | 0.0        | 33.4  |







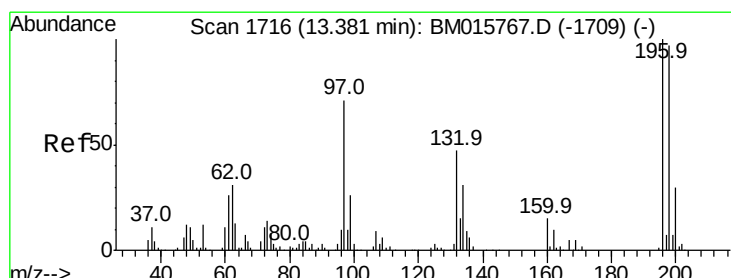
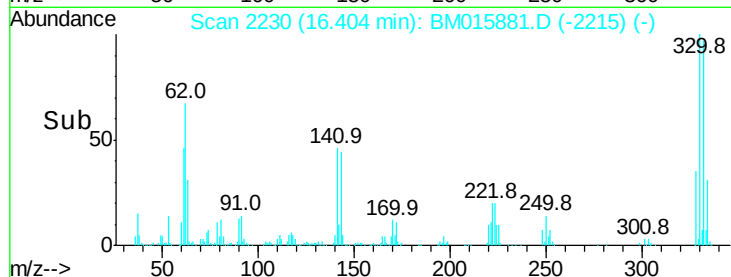
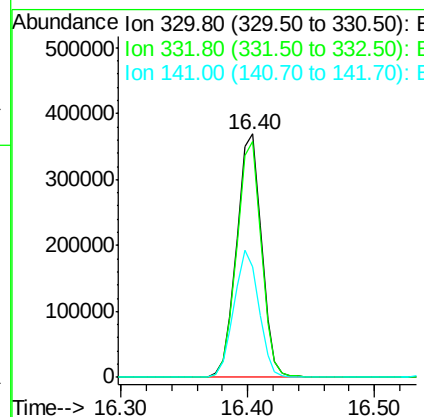
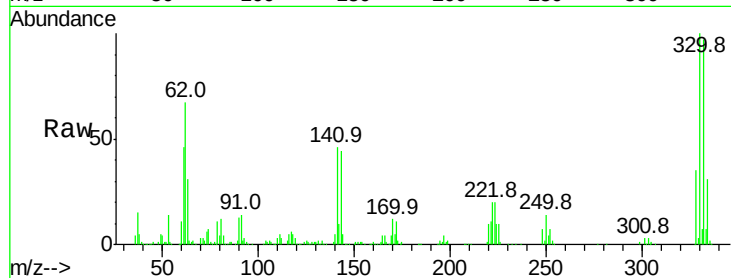
#41  
 2,4,6-Tribromophenol  
 Concen: 97.156 ng  
 RT: 16.40 min Scan# 2230  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.3  | 0.0        | 0.0#  |
| 141     | 52.8  | 0.0        | 0.0#  |

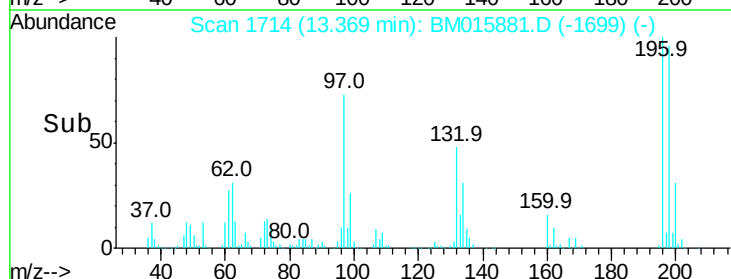
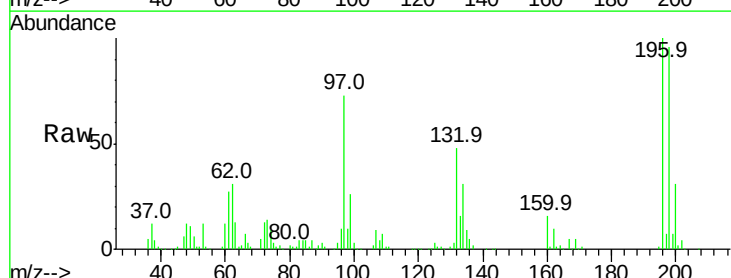
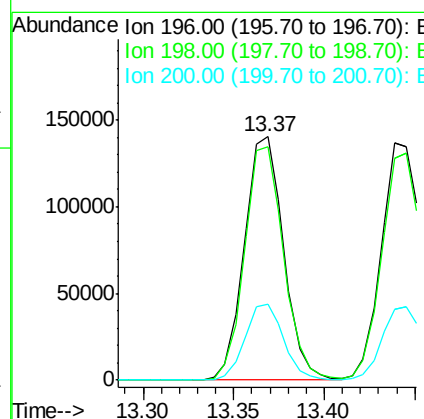
Manual Integrations  
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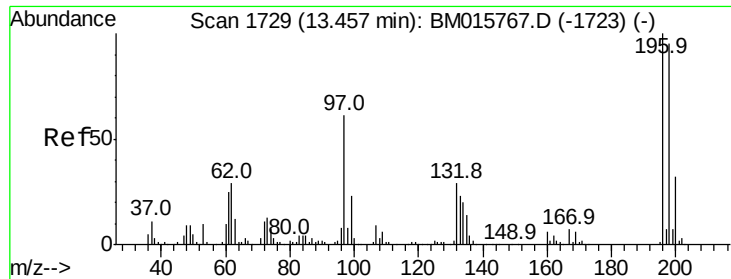
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#42  
 2,4,6-Trichlorophenol  
 Concen: 50.935 ng  
 RT: 13.37 min Scan# 1714  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 95.9  | 76.3       | 114.5 |
| 200     | 31.5  | 25.6       | 38.4  |





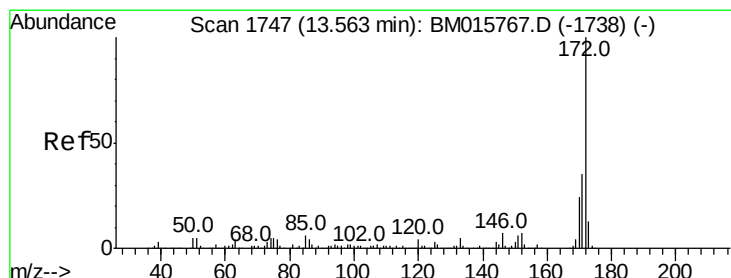
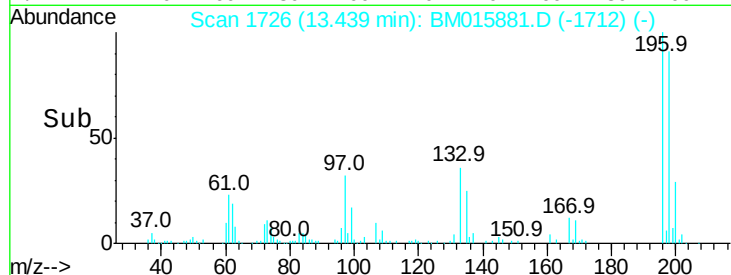
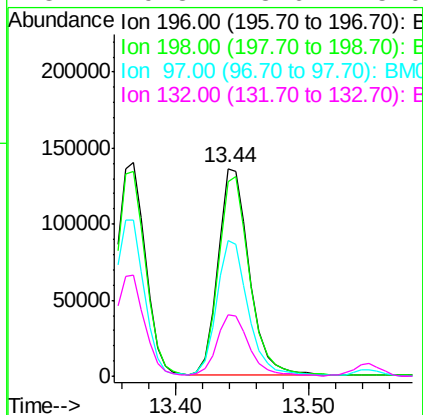
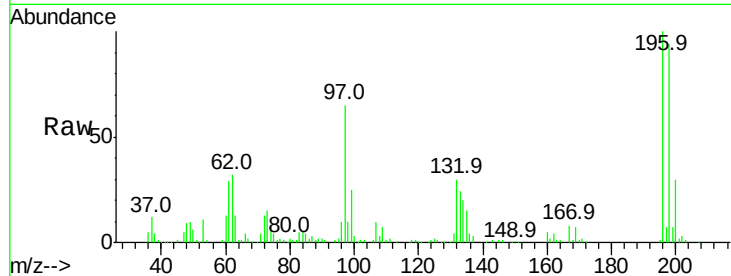
#43  
 2,4,5-Trichlorophenol  
 Concen: 49.749 ng  
 RT: 13.44 min Scan# 1726  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 222390 |       |       |
| 198     | 93.8  | 79.4   | 119.0 |       |
| 97      | 65.4  | 26.8   | 40.2# |       |
| 132     | 29.8  | 18.6   | 28.0# |       |

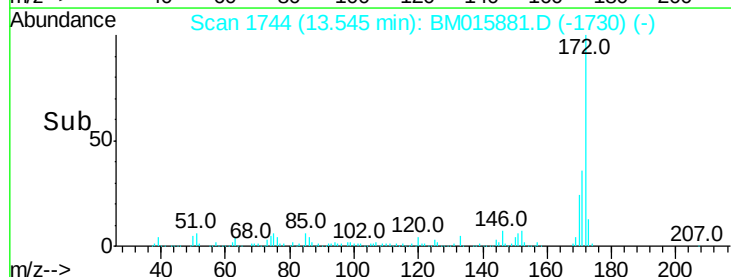
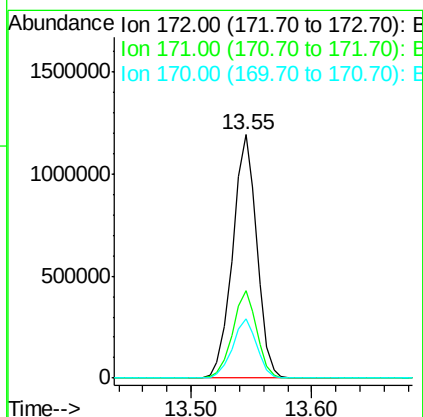
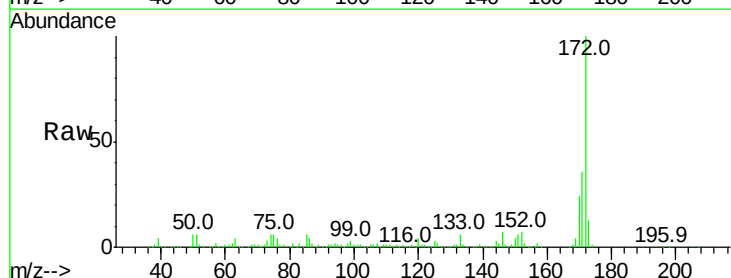
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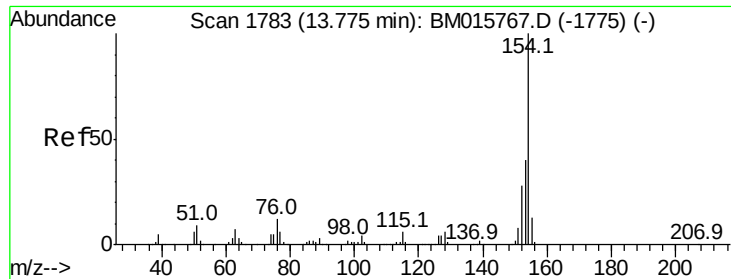
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#44  
 2-Fluorobiphenyl  
 Concen: 49.749 ng  
 RT: 13.55 min Scan# 1744  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1661374 |       |       |
| 171     | 36.0  | 28.5    | 42.7  |       |
| 170     | 24.1  | 18.8    | 28.2  |       |





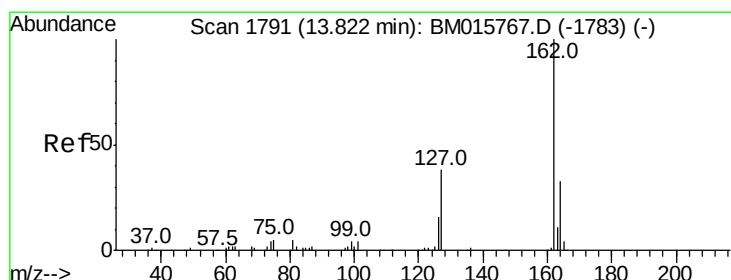
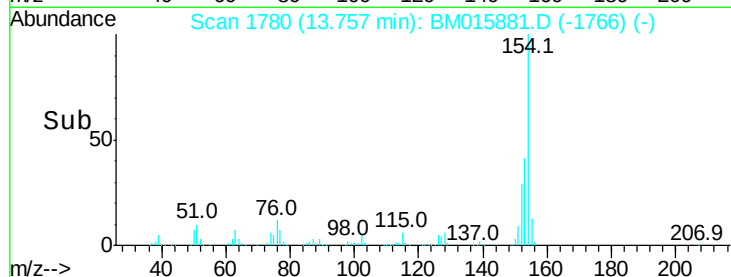
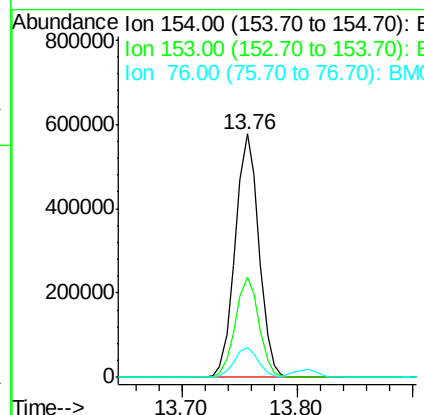
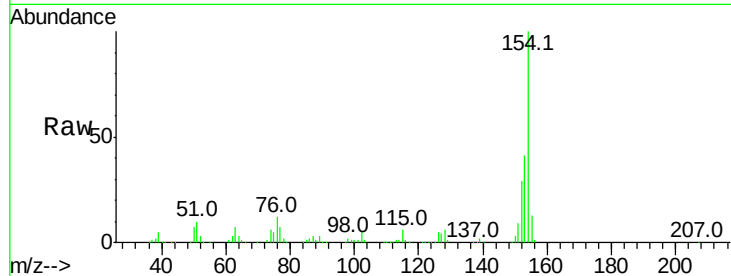
#45  
1,1'-Biphenyl  
Concen: 46.603 ng  
RT: 13.76 min Scan# 1780  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.1  | 20.7 | 60.7  |       |
| 76      | 12.0  | 0.0  | 30.9  |       |

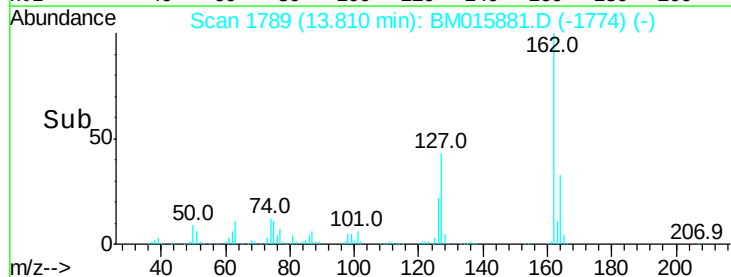
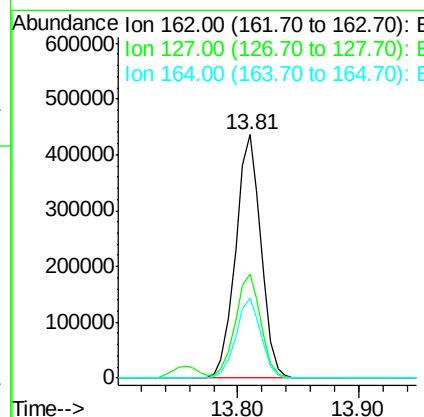
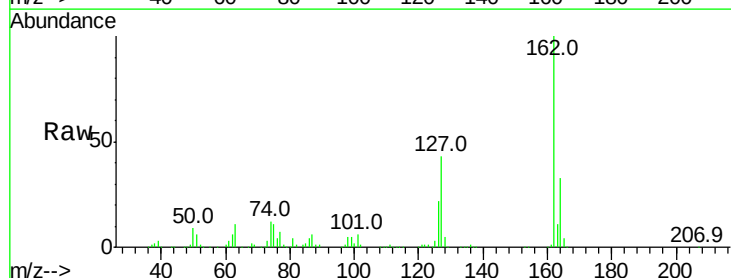
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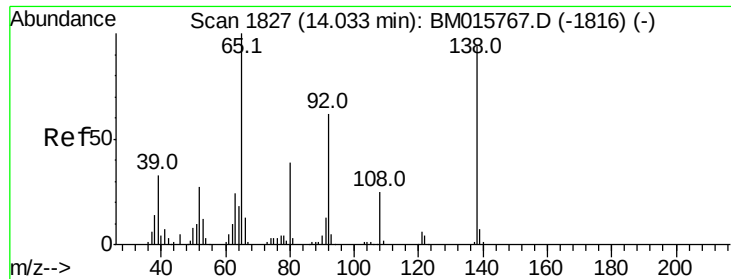
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#46  
2-Chloronaphthalene  
Concen: 48.277 ng  
RT: 13.81 min Scan# 1789  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 42.7  | 26.9 | 40.3# |       |
| 164     | 32.9  | 26.8 | 40.2  |       |





#47

2-Nitroaniline

Concen: 51.128 ng

RT: 14.02 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

ClientSampleId :

PB110959BS

Tot Ion: 65 Resp: 235091

Ion Ratio Lower Upper

65 100

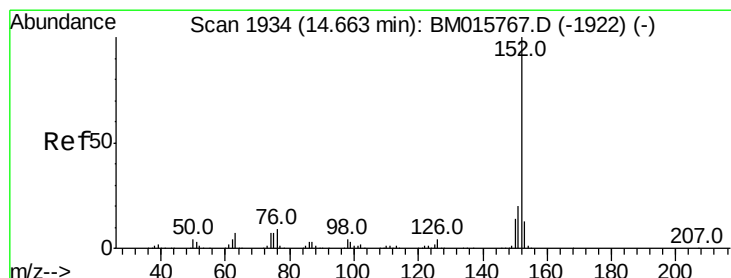
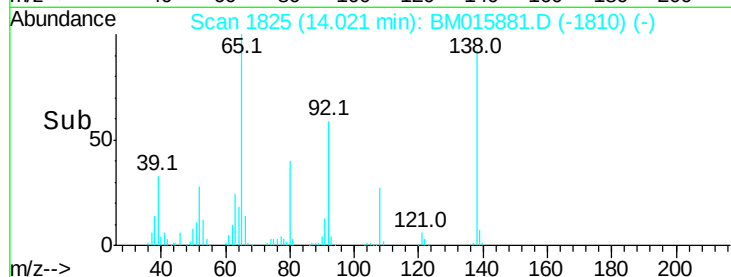
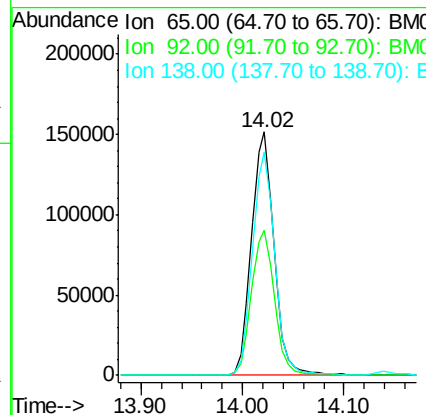
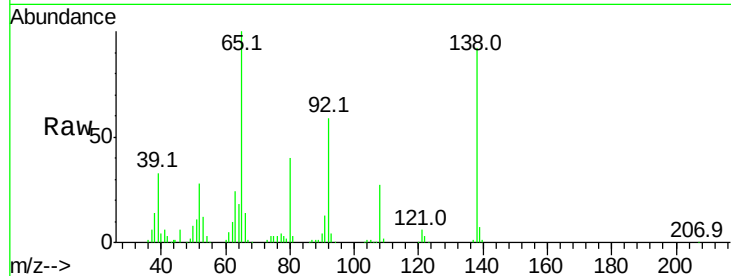
92 59.5 59.1 88.7

138 91.6 93.9 140.9#

Manual Integrations  
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#48

Acenaphthylene

Concen: 49.793 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

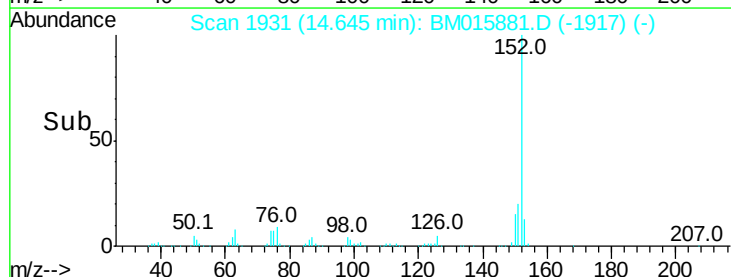
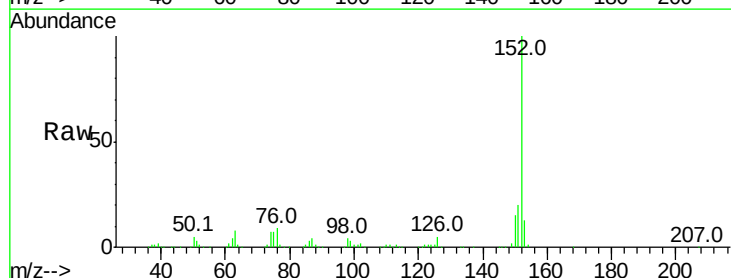
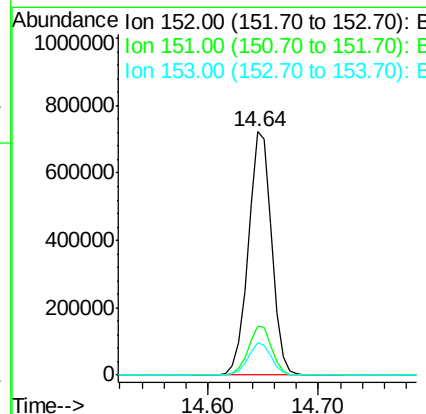
Tgt Ion: 152 Resp: 1068031

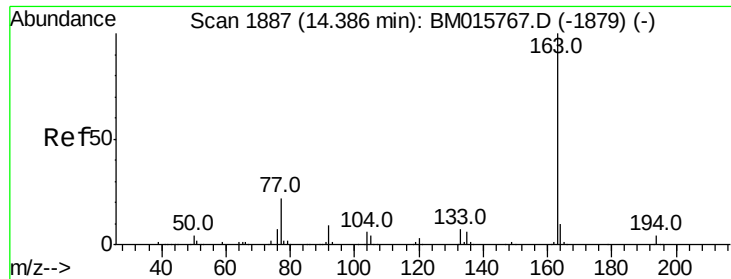
Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 48.168 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

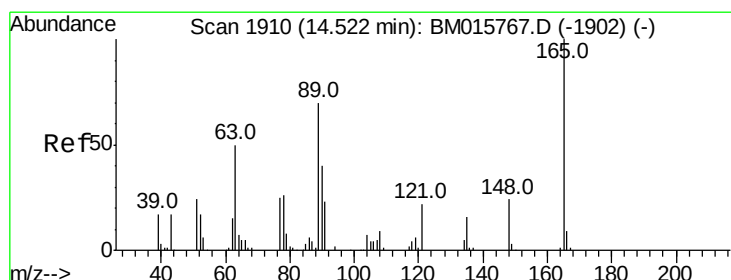
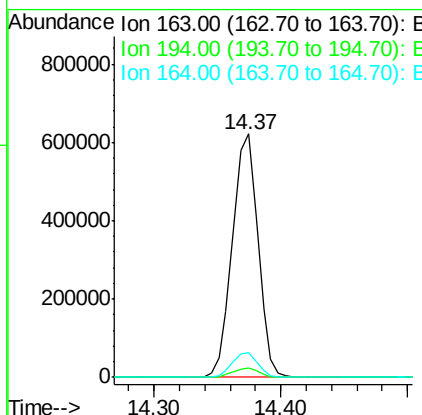
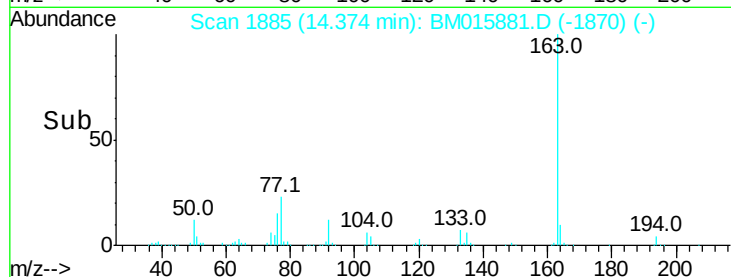
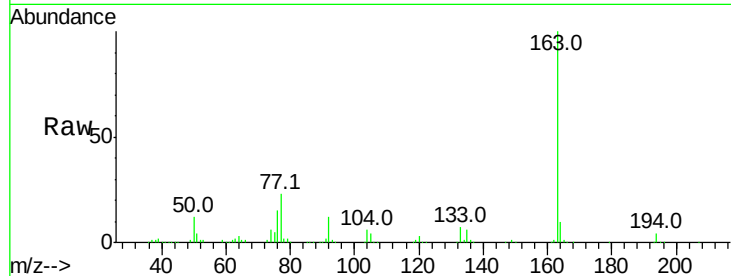
ClientSampleId :

PB110959BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 866493 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.8   | 2.7   | 4.1    |
| 164       | 9.9   | 8.2   | 12.2   |

Manual Integrations  
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#50

2,6-Dinitrotoluene

Concen: 51.834 ng

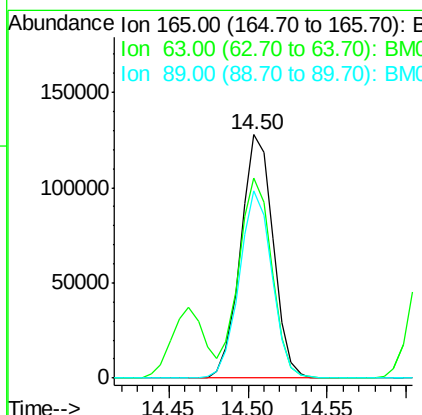
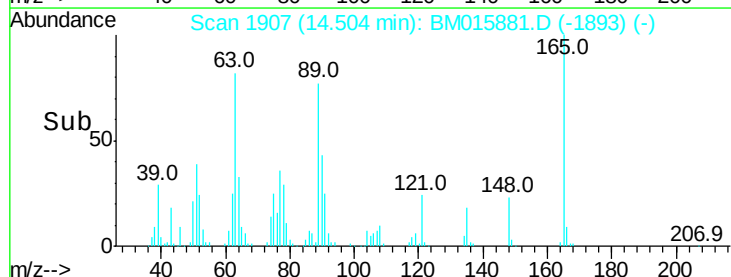
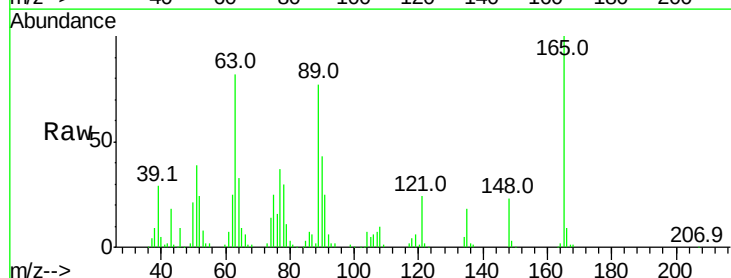
RT: 14.50 min Scan# 1907

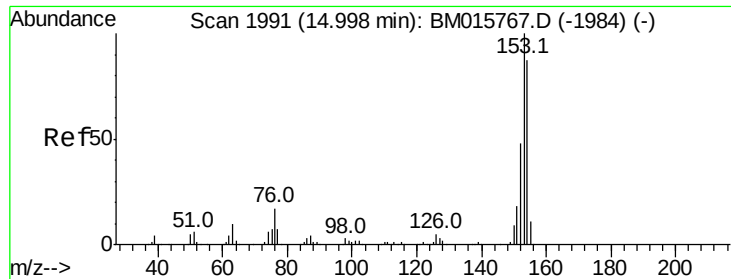
Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 181803 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 82.4  | 44.1  | 66.1#  |
| 89        | 77.1  | 44.3  | 66.5#  |





#51

Acenaphthene

Concen: 45.947 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

ClientSampleId :

PB110959BS

Tot Ion:154 Resp: 613265

Ion Ratio Lower Upper

154 100

153 116.3 90.0 135.0

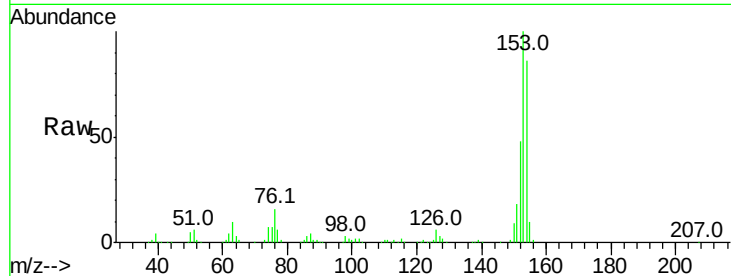
152 56.2 42.6 63.8

Manual Integrations

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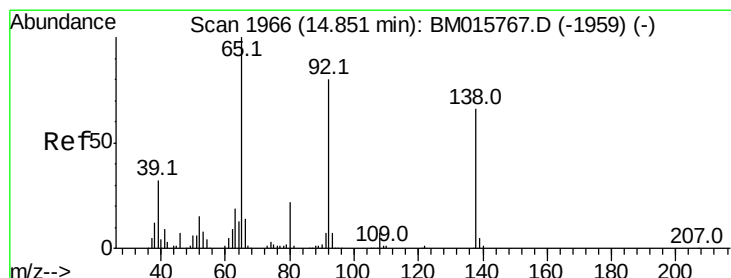
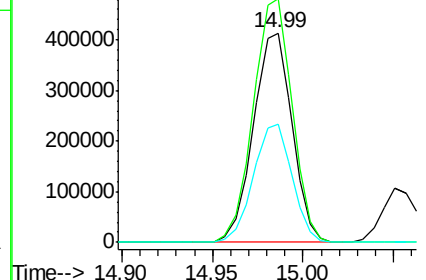
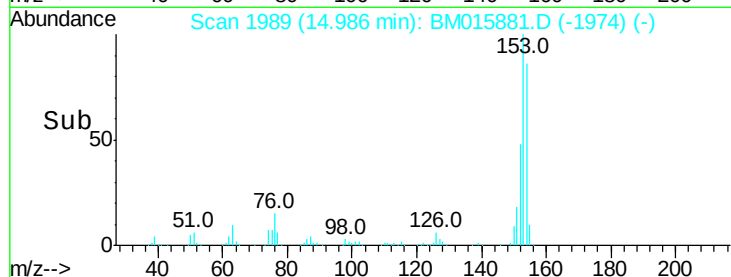
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.876 ng

RT: 14.84 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

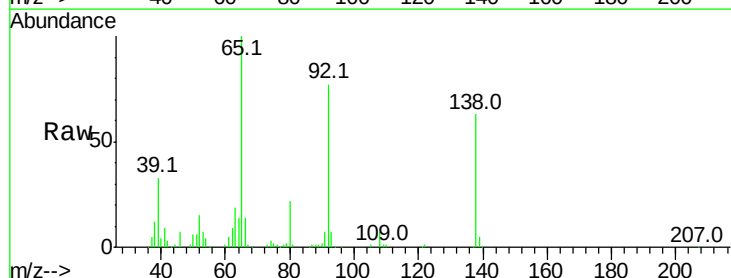
Tgt Ion:138 Resp: 141569

Ion Ratio Lower Upper

138 100

108 11.0 7.3 10.9#

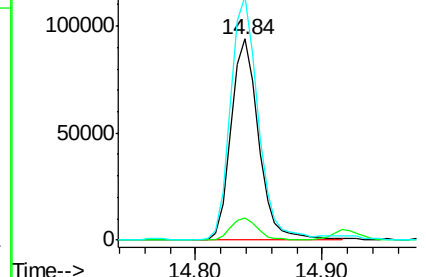
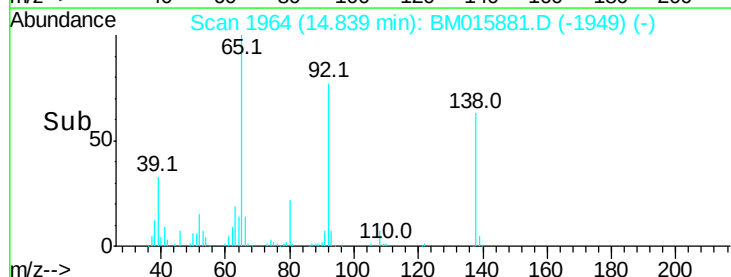
92 121.2 76.6 114.8#

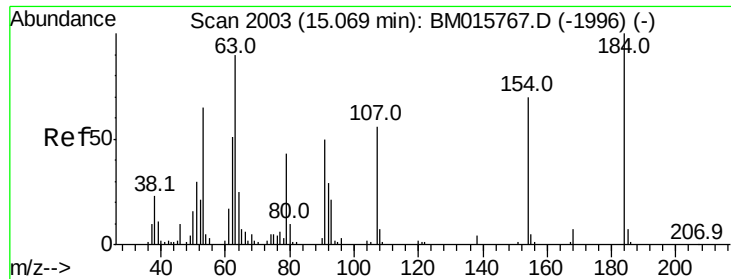


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





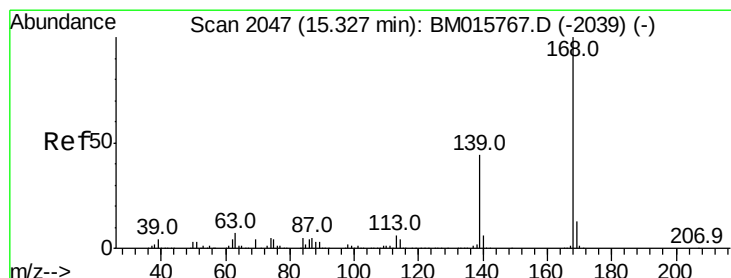
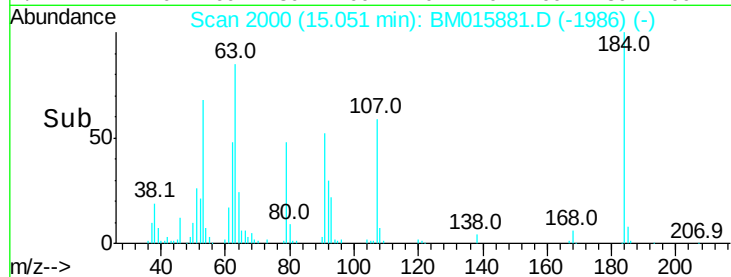
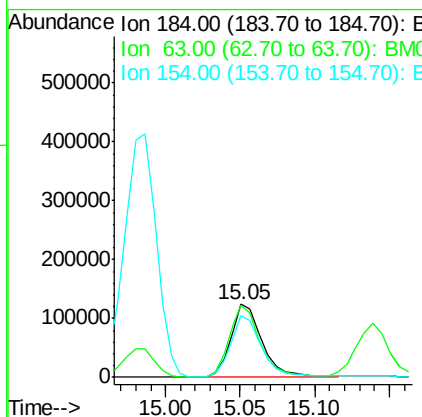
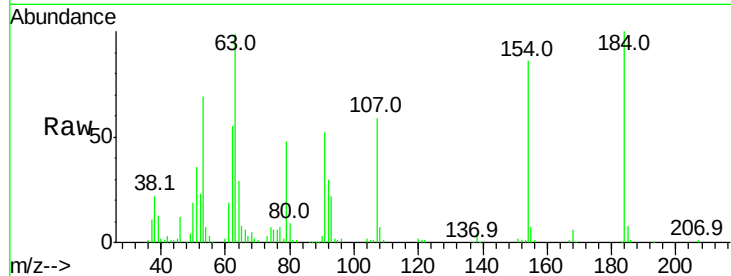
#53  
2,4-Dinitrophenol  
Concen: 102.229 ng  
RT: 15.05 min Scan# 2000  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampled :  
PB110959BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 98.7  | 69.2 | 103.8 |       |
| 154     | 85.6  | 53.3 | 79.9  |       |

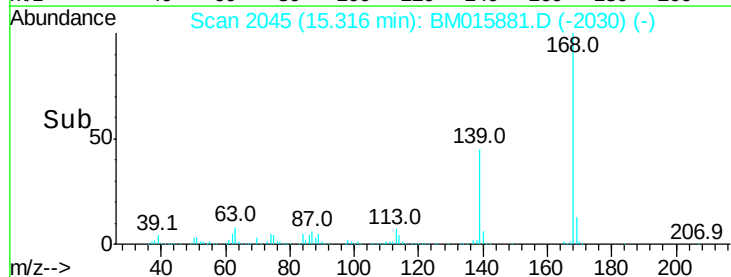
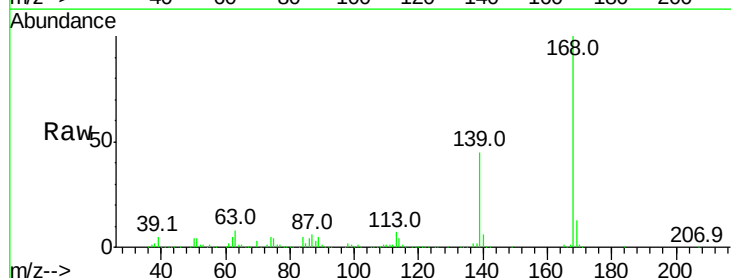
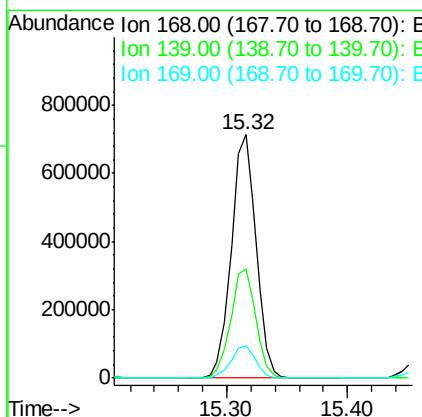
Manual Integrations  
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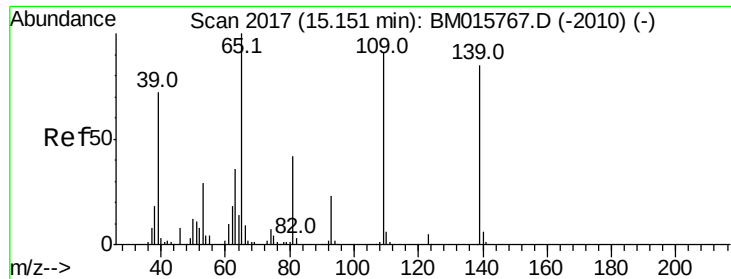
Sohil  
7/11/2018 12:17:27 PM



#54  
Dibenzofuran  
Concen: 49.378 ng  
RT: 15.32 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 44.9  | 27.3 | 40.9  |       |
| 169     | 13.1  | 10.6 | 16.0  |       |





#55

4-Nitrophenol

Concen: 108.057 ng

RT: 15.14 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

ClientSampleId :

PB110959BS

Tot Ion:139 Resp: 306159

Ion Ratio Lower Upper

139 100

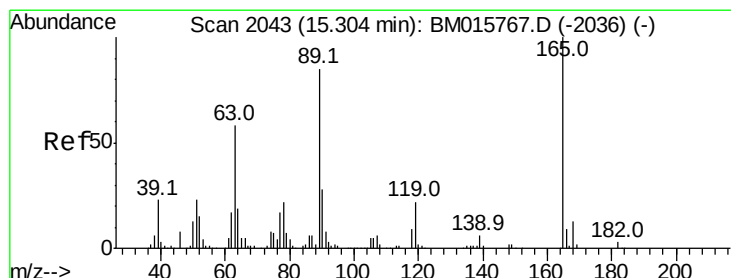
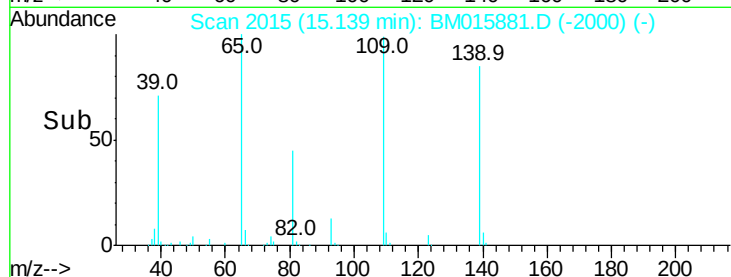
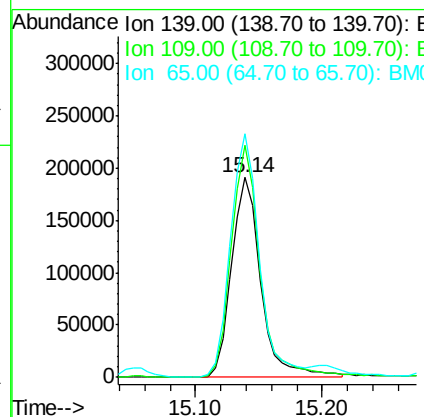
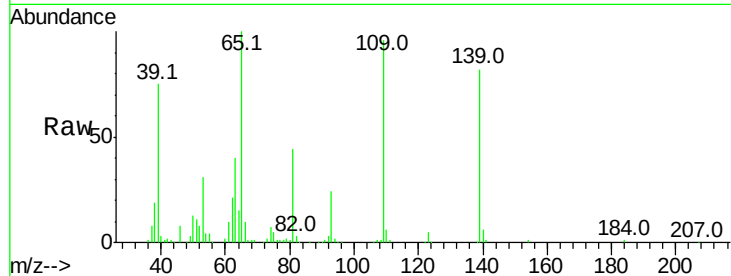
109 116.3 130.0 170.0#

65 121.8 130.0 170.0#

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#56

2,4-Dinitrotoluene

Concen: 52.556 ng

RT: 15.29 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Tgt Ion:165 Resp: 266129

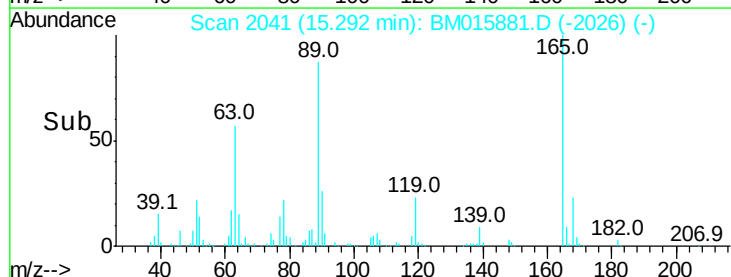
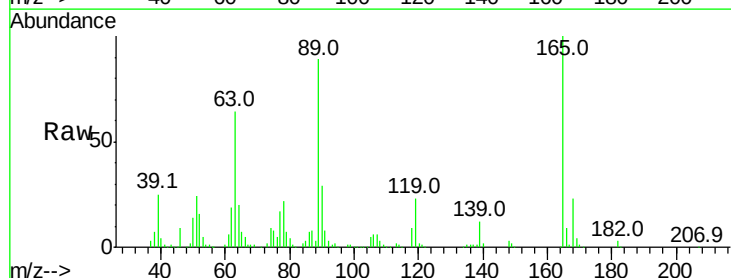
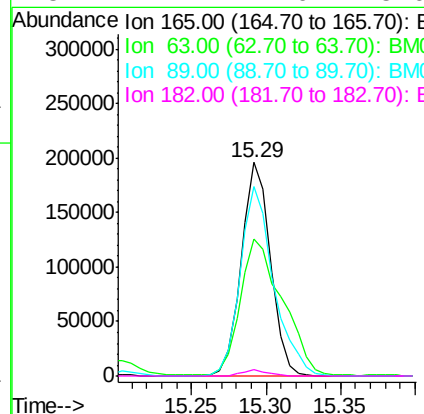
Ion Ratio Lower Upper

165 100

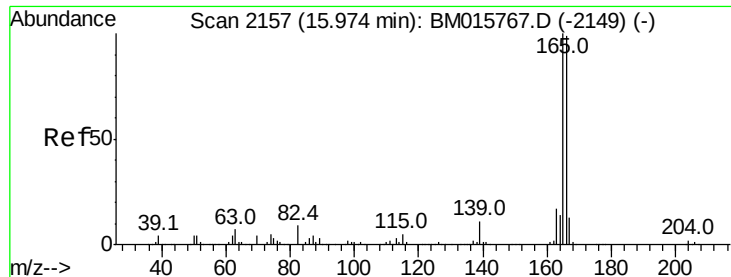
63 64.0 52.4 78.6

89 88.8 72.4 108.6

182 2.7 2.0 3.0







#57

Fluorene

Concen: 49.572 ng

RT: 15.96 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

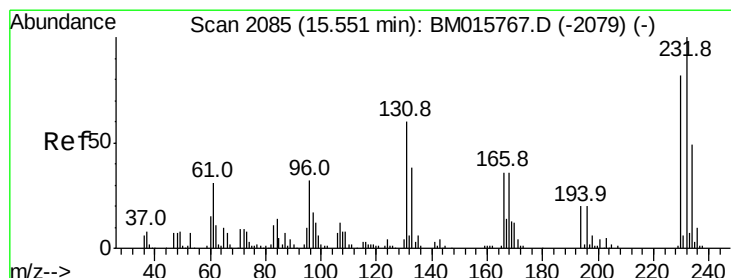
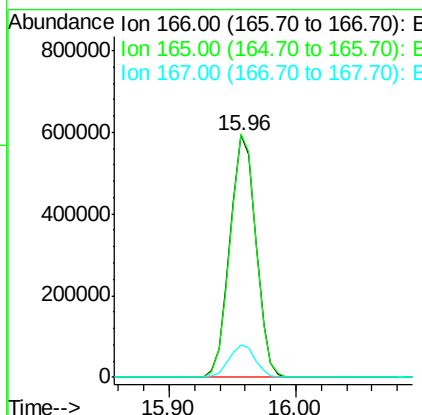
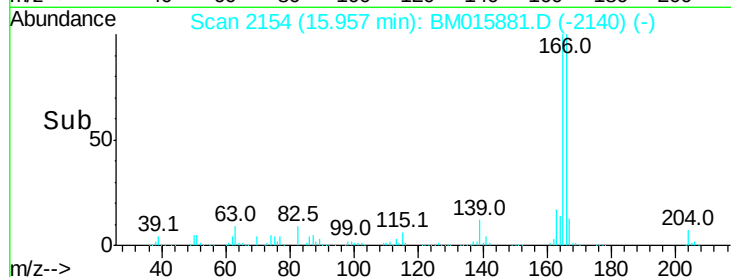
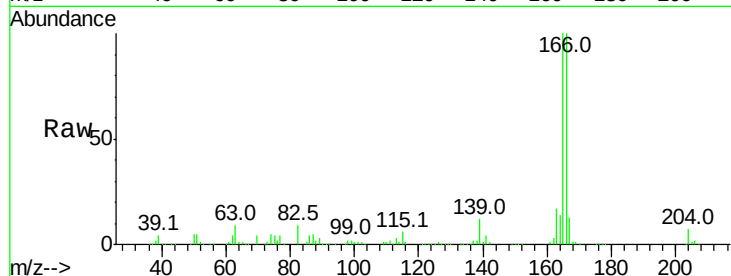
ClientSampleId :

PB110959BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 840751 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.5 | 79.0  | 118.4  |
| 167       | 13.3  | 10.3  | 15.5   |

Manual Integrations  
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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.793 ng

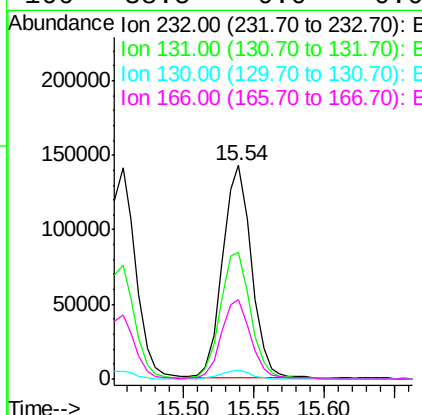
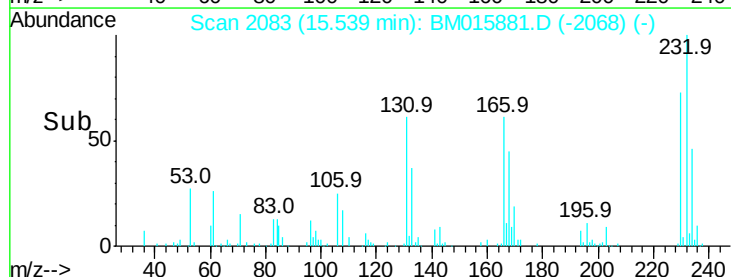
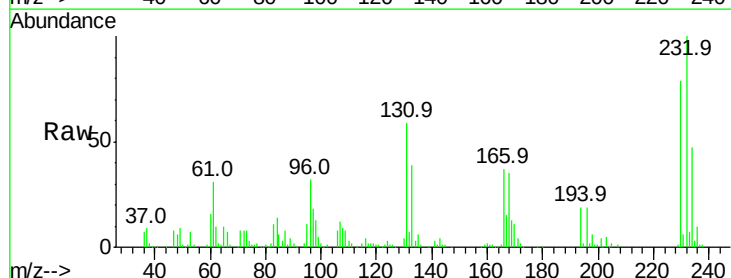
RT: 15.54 min Scan# 2083

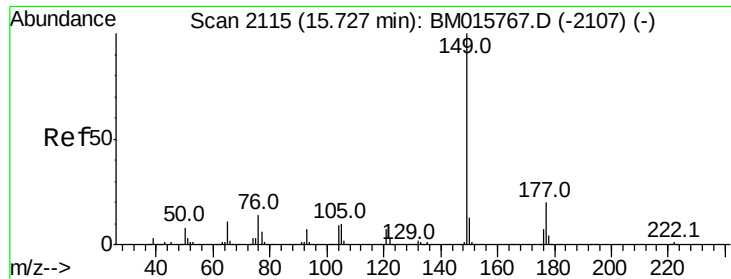
Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 202919 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 61.8  | 0.0   | 0.0#   |
| 130       | 4.1   | 0.0   | 0.0#   |
| 166       | 38.5  | 0.0   | 0.0#   |





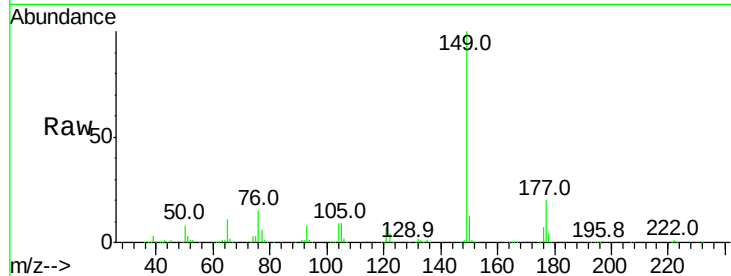
#59  
Diethylphthalate  
Concen: 49.295 ng  
RT: 15.72 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 19.8  | 18.3       | 27.5       |
| 150     | 12.6  | 9.8        | 14.8       |

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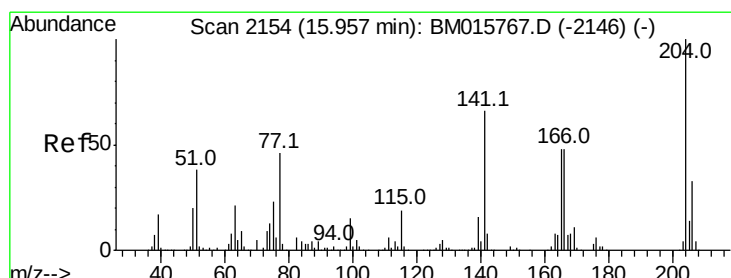
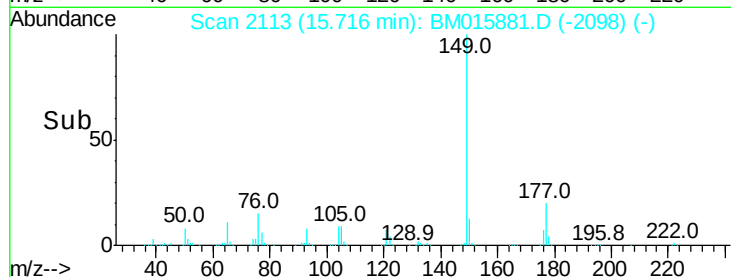
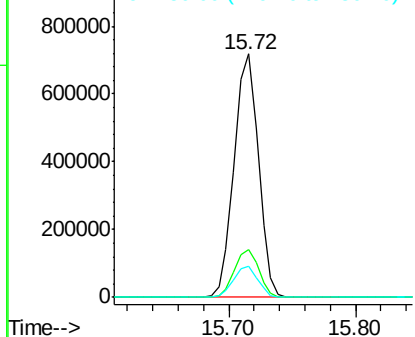


Abundance

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



#60  
4-Chlorophenyl-phenylether  
Concen: 46.871 ng  
RT: 15.94 min Scan# 2151  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

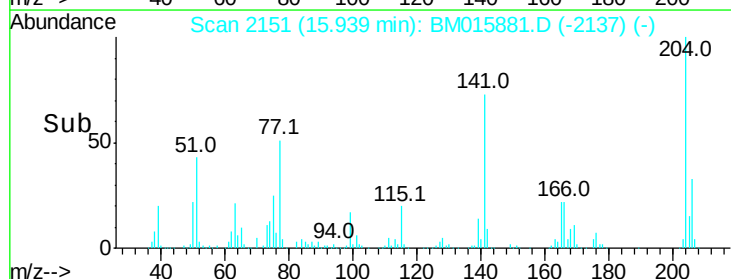
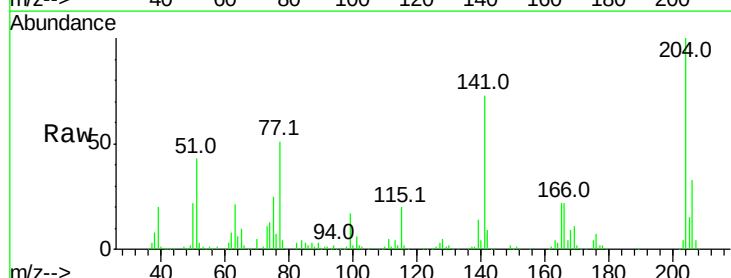
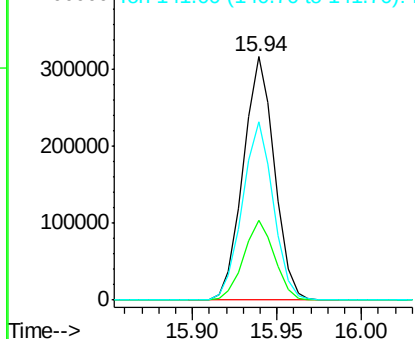
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 32.8  | 26.6       | 39.8       |
| 141     | 73.0  | 45.2       | 67.8       |

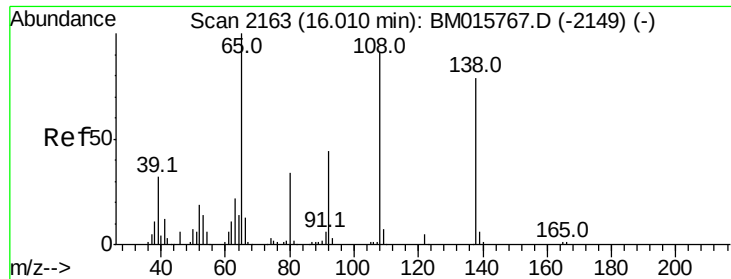
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





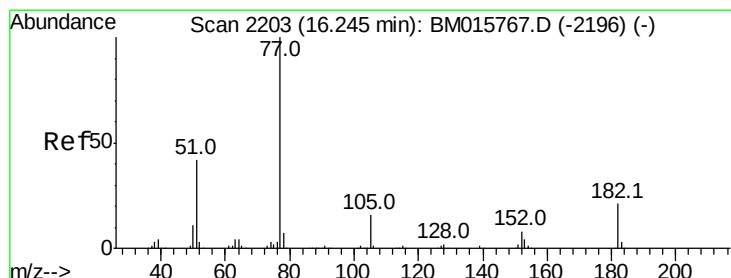
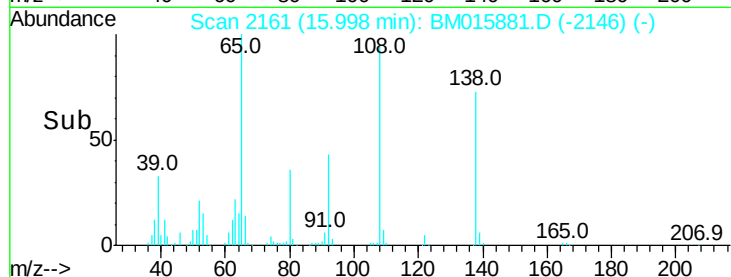
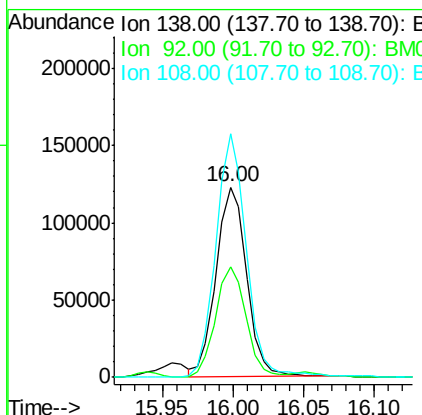
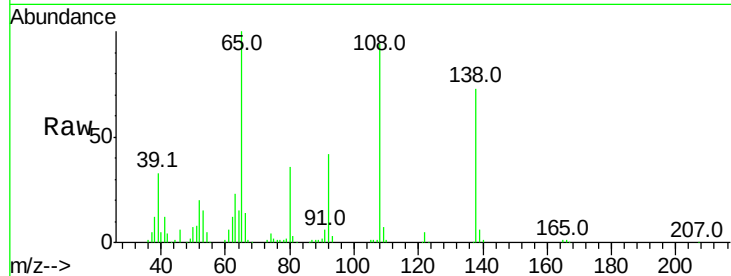
#61  
4-Nitroaniline  
Concen: 46.383 ng  
RT: 16.00 min Scan# 2161  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

Tot Ion:138 Resp: 184727  
Ion Ratio Lower Upper  
138 100  
92 58.0 16.7 56.7#  
108 128.1 37.6 77.6#

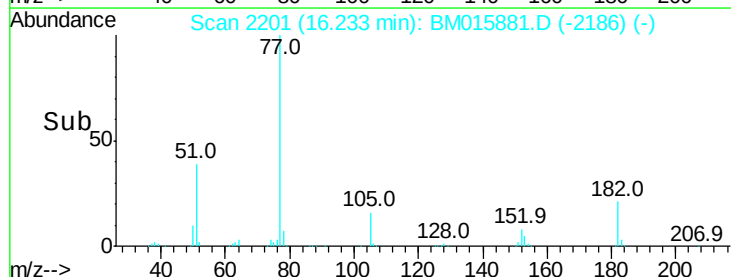
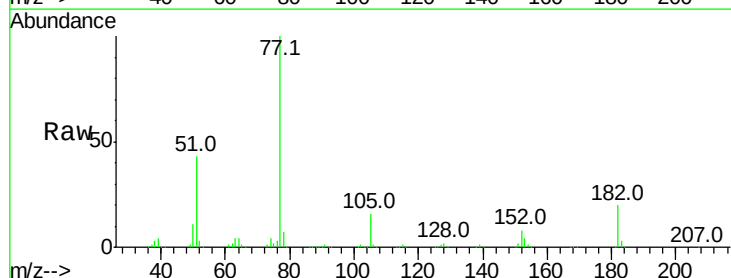
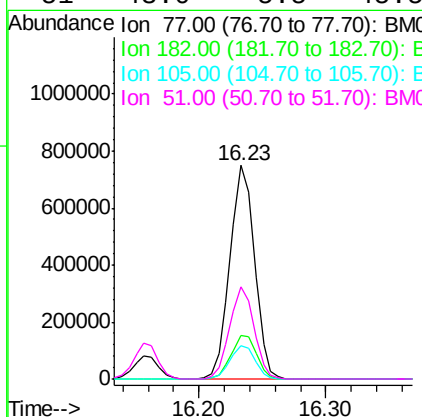
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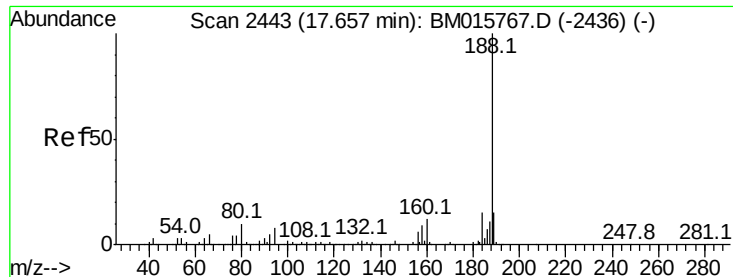
Sohil  
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#62  
Azobenzene  
Concen: 55.663 ng  
RT: 16.23 min Scan# 2201  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Tgt Ion: 77 Resp: 1005827  
Ion Ratio Lower Upper  
77 100  
182 20.2 6.5 46.5  
105 15.7 3.8 43.8  
51 43.0 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

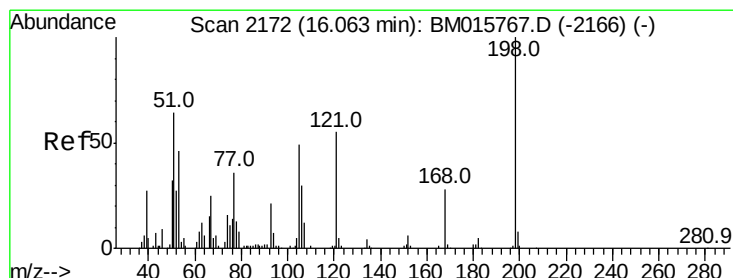
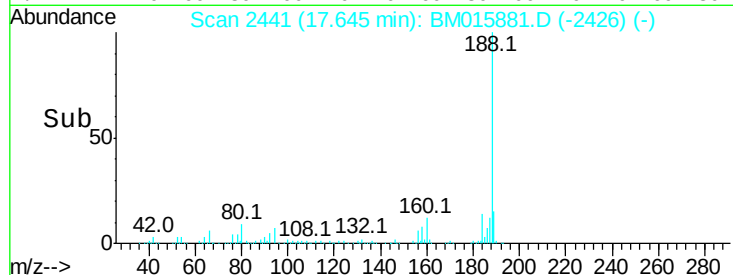
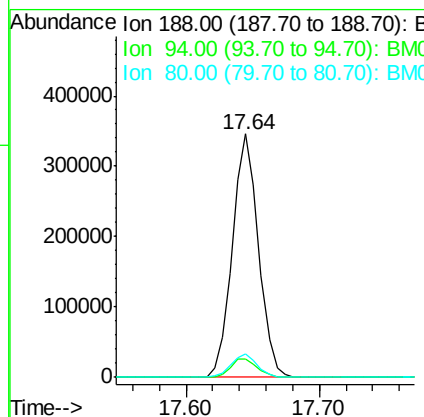
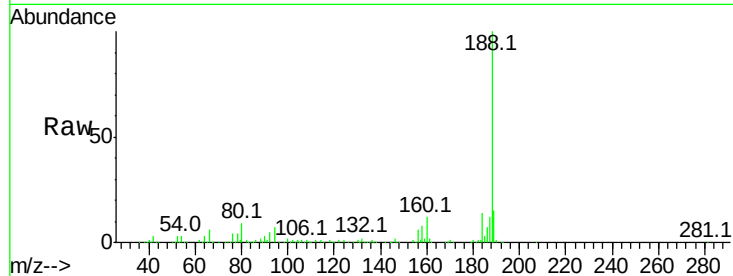
ClientSampleId :

PB110959BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 471218 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.5   | 8.7   | 13.1#  |
| 80        | 9.5   | 9.3   | 13.9   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.996 ng

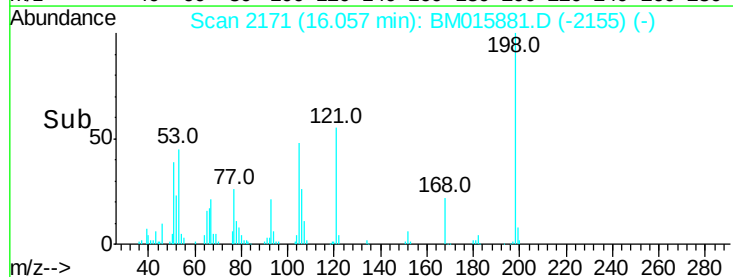
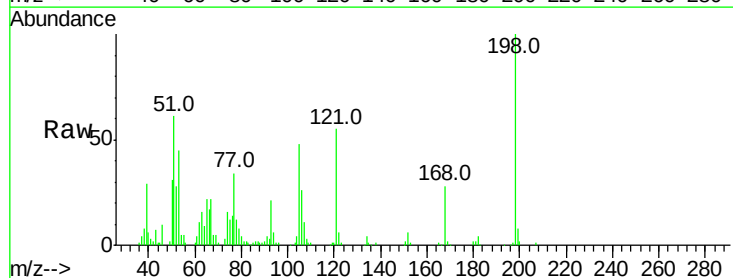
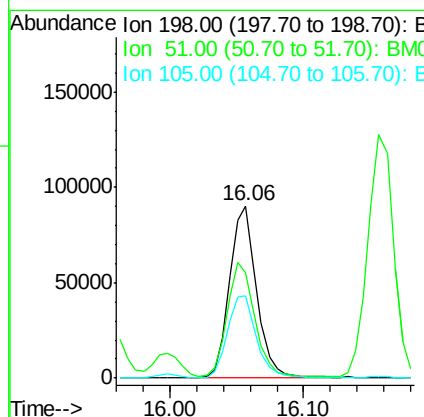
RT: 16.06 min Scan# 2171

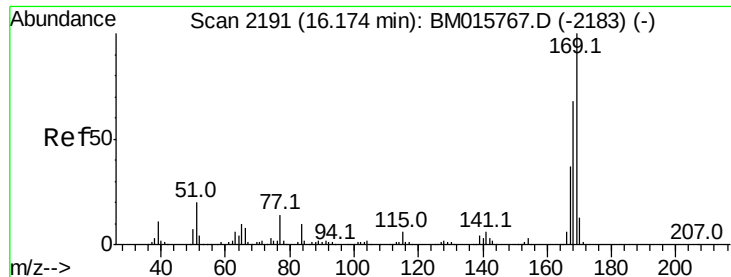
Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 128897 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 61.2  | 28.8  | 68.8   |
| 105       | 47.5  | 30.5  | 70.5   |





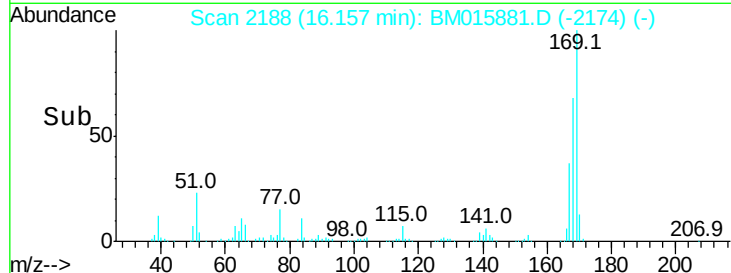
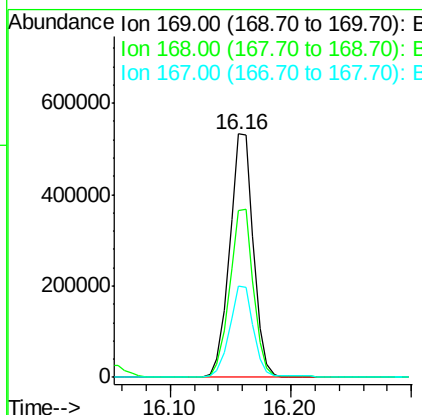
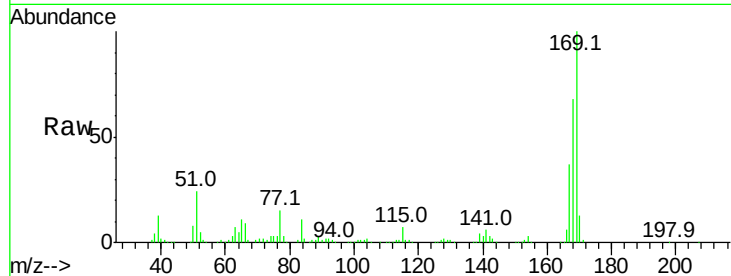
#65  
 n-Nitrosodiphenylamine  
 Concen: 45.147 ng  
 RT: 16.16 min Scan# 2188  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 728955 |       |       |
| 168     | 68.4  | 53.9   | 80.9  |       |
| 167     | 37.4  | 28.9   | 43.3  |       |

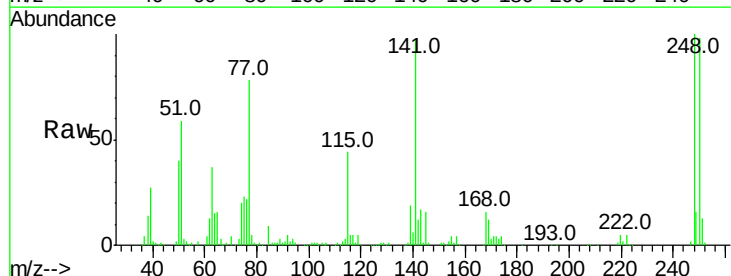
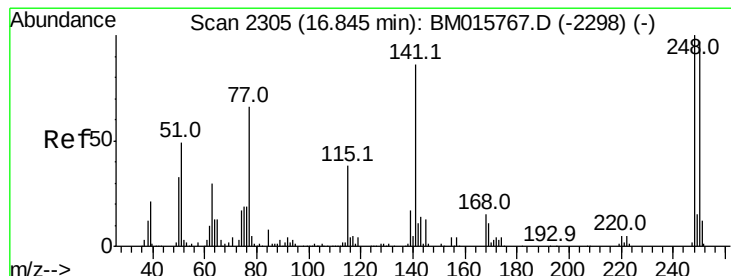
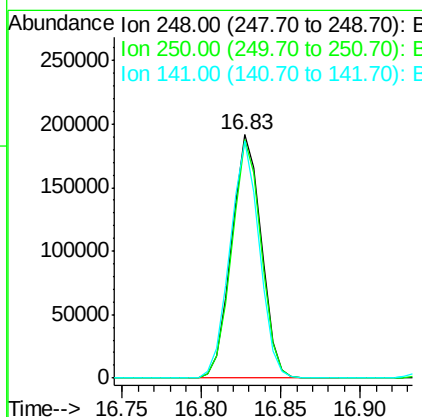
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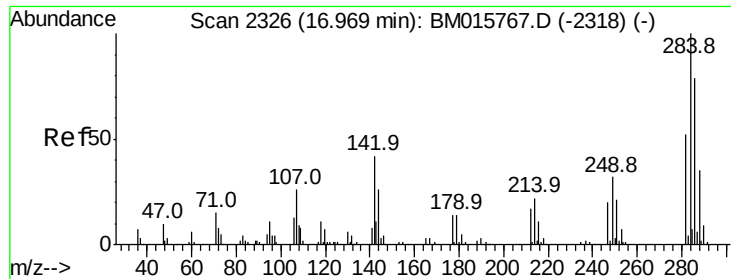
Sohil  
 7/11/2018 12:17:27 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 47.308 ng  
 RT: 16.83 min Scan# 2302  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 248900 |       |       |
| 250     | 97.9  | 77.4   | 116.0 |       |
| 141     | 97.3  | 45.2   | 67.8# |       |





#67

Hexachlorobenzene

Concen: 46.589 ng

RT: 16.95 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

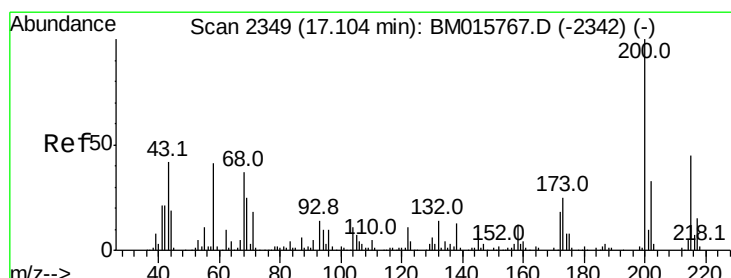
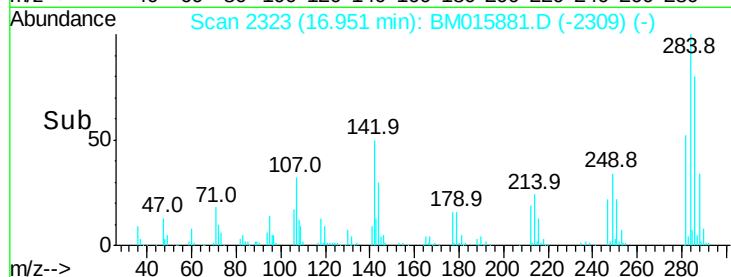
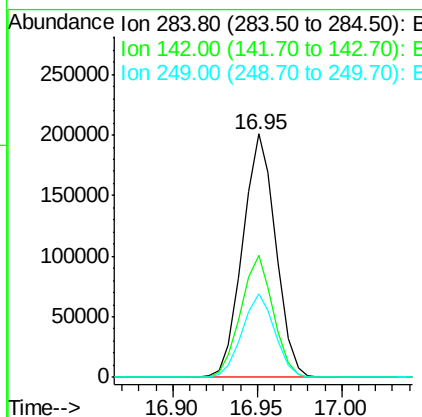
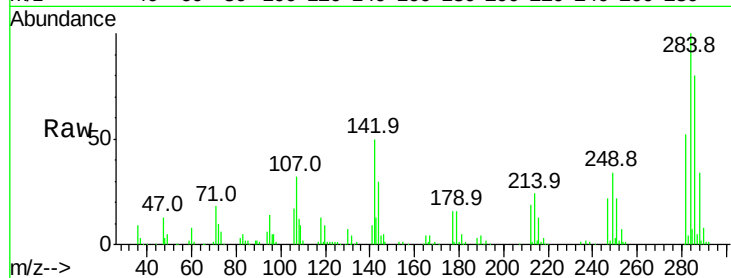
ClientSampleId :

PB110959BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 273903 |       |       |
| 142     | 49.9  | 20.4   | 30.6# |       |
| 249     | 34.5  | 23.8   | 35.6  |       |

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#68

Atrazine

Concen: 50.046 ng

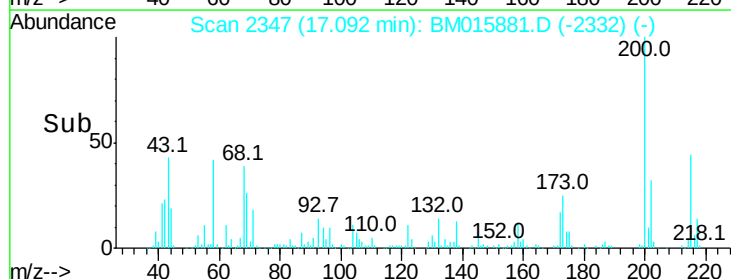
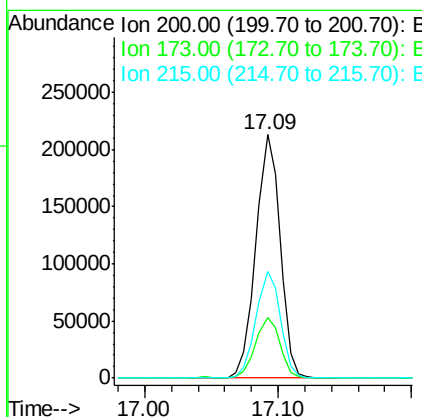
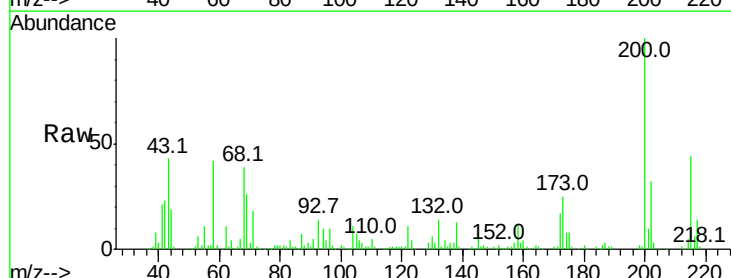
RT: 17.09 min Scan# 2347

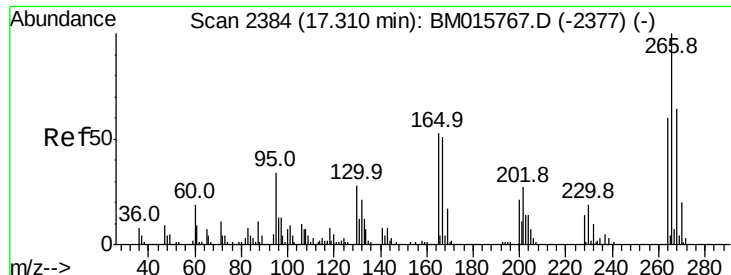
Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 265791 |       |       |
| 173     | 25.0  | 4.8    | 44.8  |       |
| 215     | 43.7  | 26.9   | 66.9  |       |





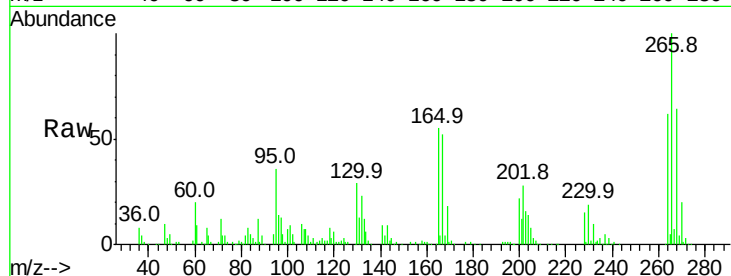
#69  
 Pentachlorophenol  
 Concen: 87.528 ng  
 RT: 17.30 min Scan# 2382  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   |      |       |       |
| 268     | 64.0  | 52.0 | 78.0  |       |
| 264     | 62.4  | 49.0 | 73.4  |       |

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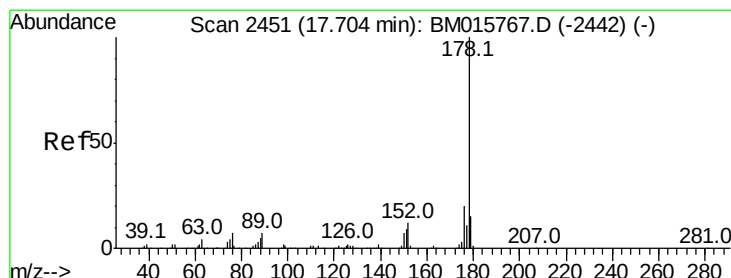
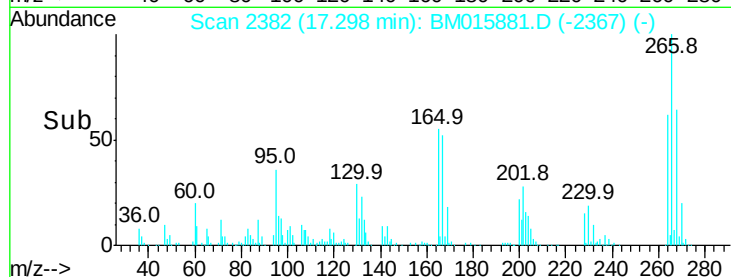
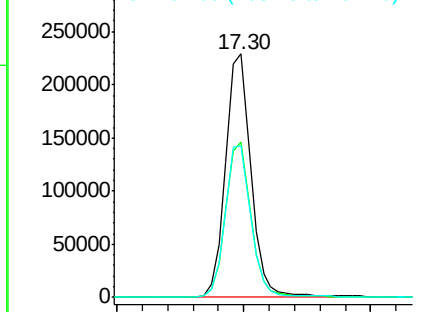


Abundance

Ion 265.70 (265.40 to 266.40): E

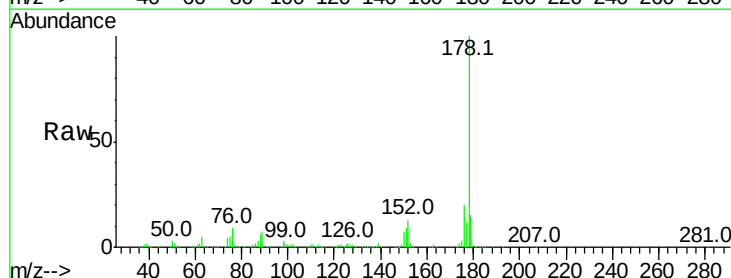
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 48.703 ng  
 RT: 17.69 min Scan# 2448  
 Delta R.T. -0.02 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 178     | 100   |      |       |       |
| 176     | 19.8  | 15.2 | 22.8  |       |
| 179     | 15.3  | 12.1 | 18.1  |       |

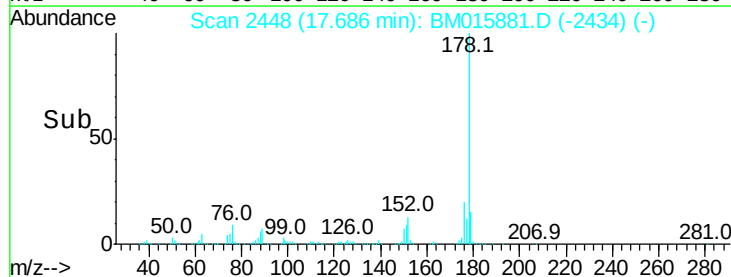
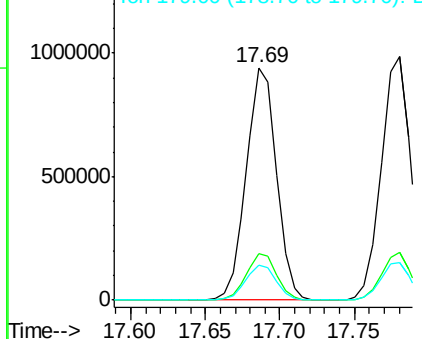


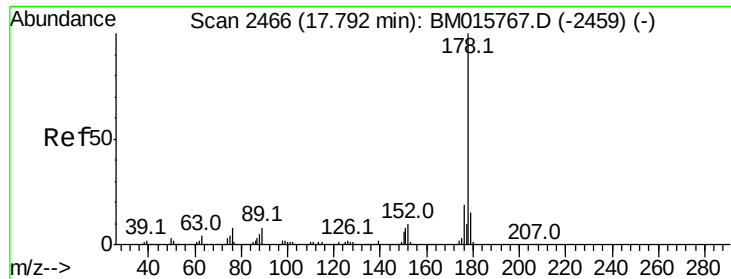
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





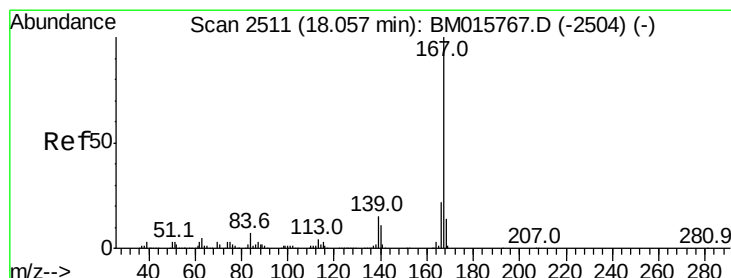
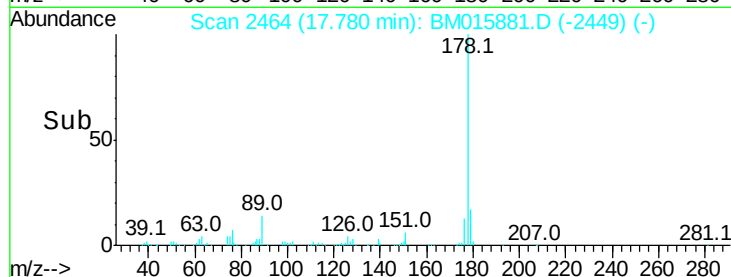
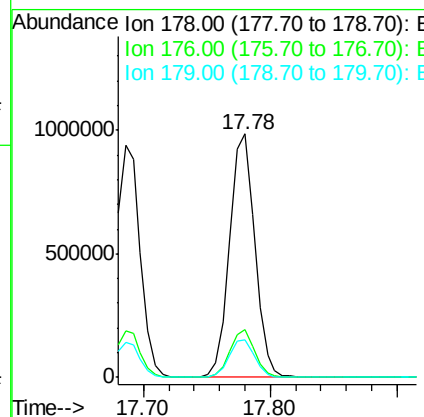
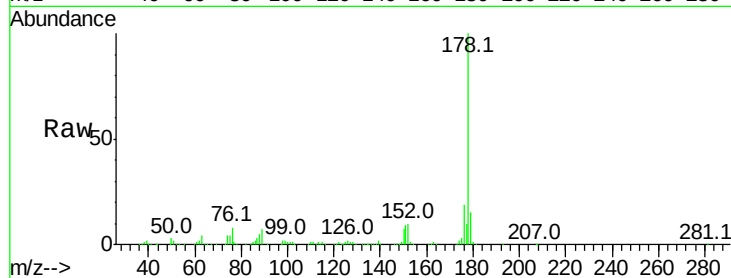
#71  
 Anthracene  
 Concen: 51.099 ng  
 RT: 17.78 min Scan# 2464  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 14.6  | 22.0  |
| 179     | 15.2  | 12.6  | 19.0  |

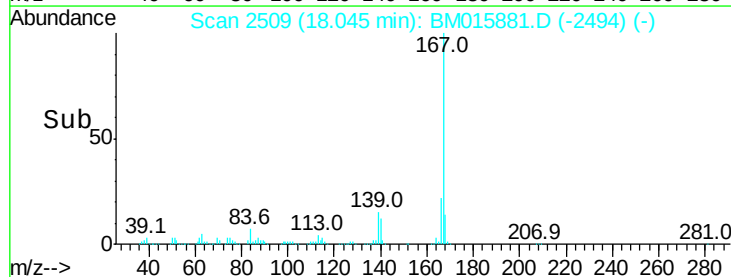
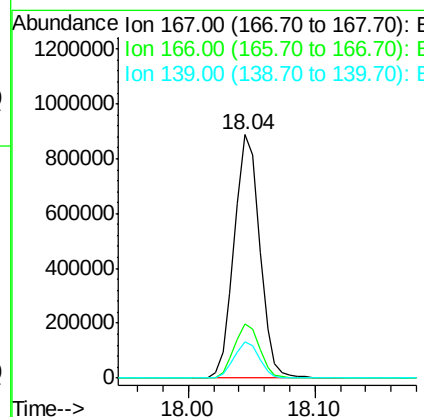
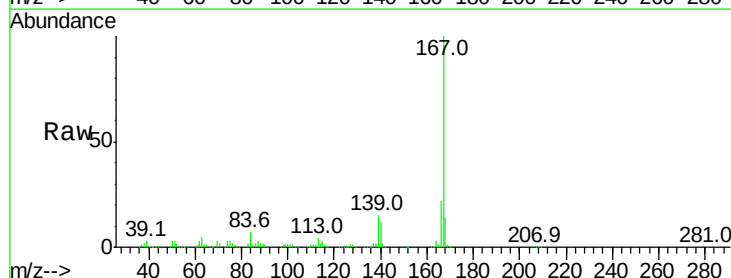
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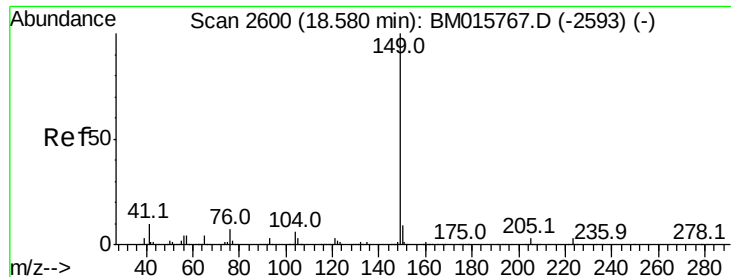


#72  
 Carbazole  
 Concen: 50.115 ng  
 RT: 18.04 min Scan# 2509  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.2  | 25.8  |
| 139     | 15.1  | 10.8  | 16.2  |







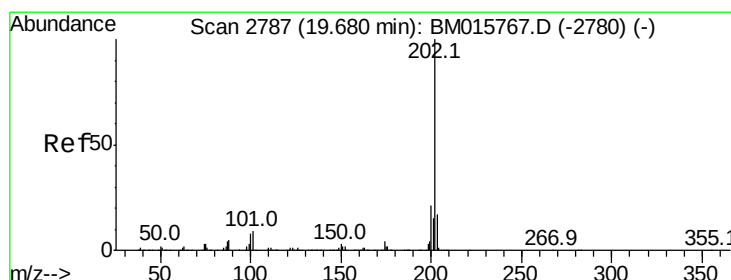
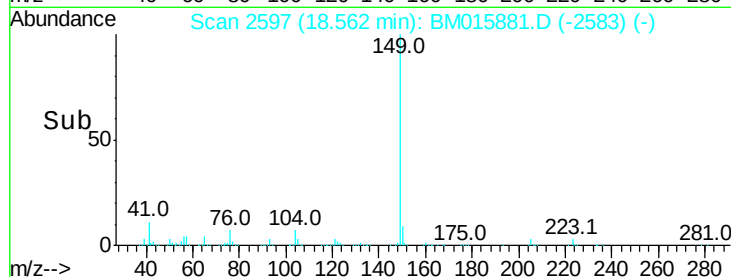
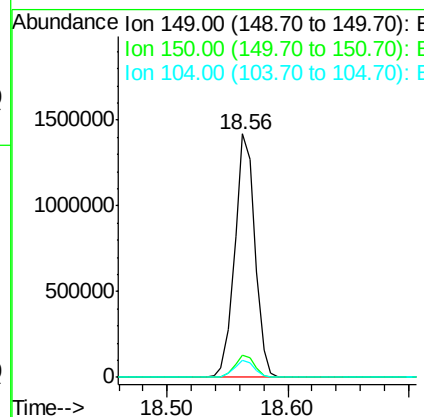
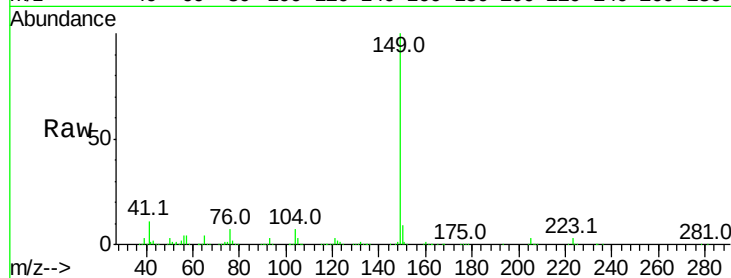
#73  
Di-n-butylphthalate  
Concen: 49.472 ng  
RT: 18.56 min Scan# 2597  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.5   | 11.3  |
| 104     | 6.8   | 3.7   | 5.5   |

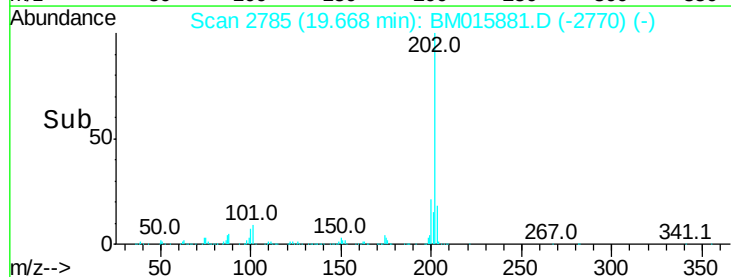
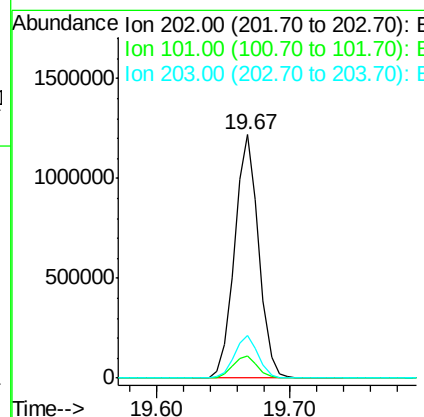
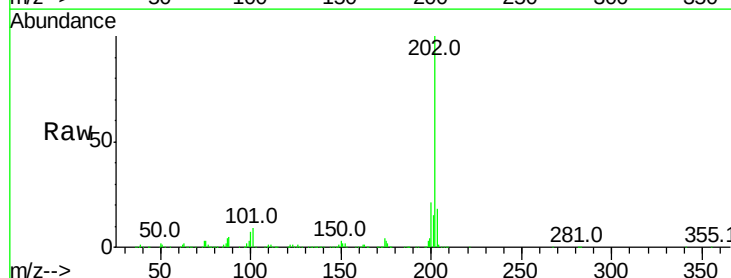
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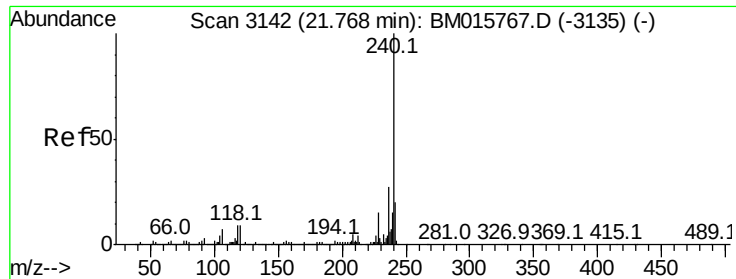
Sohil  
7/11/2018 12:17:27 PM



#74  
Fluoranthene  
Concen: 49.569 ng  
RT: 19.67 min Scan# 2785  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.4   | 0.0   | 28.7  |
| 203     | 17.8  | 0.0   | 37.2  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

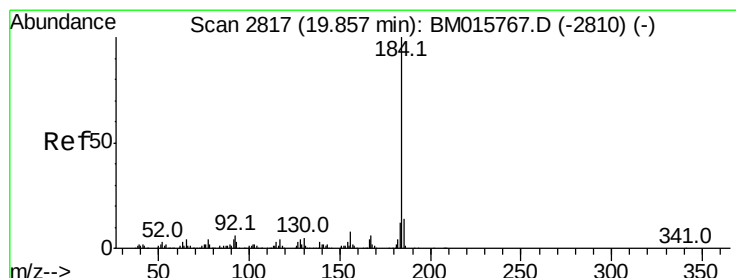
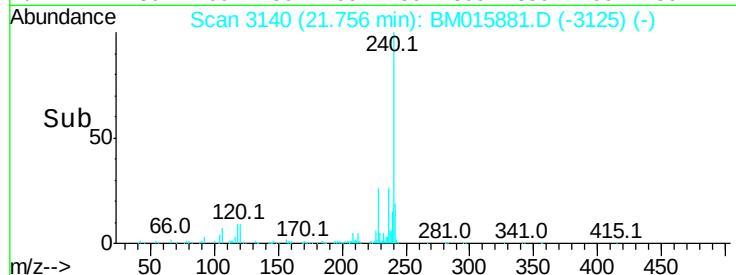
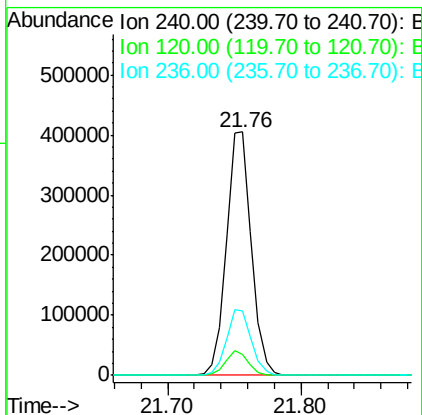
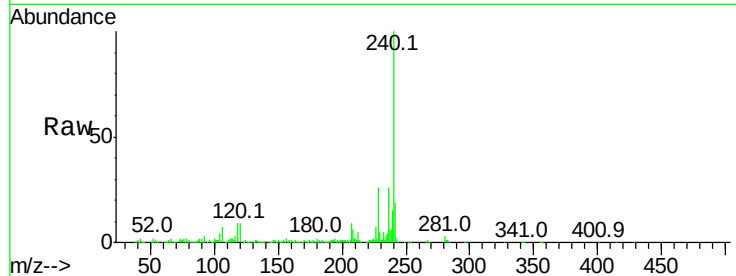
ClientSampleId :

PB110959BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 530726 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.7   | 8.2   | 12.2   |
| 236       | 26.4  | 20.0  | 30.0   |

Manual Integrations  
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#76

Benzidine

Concen: 52.421 ng

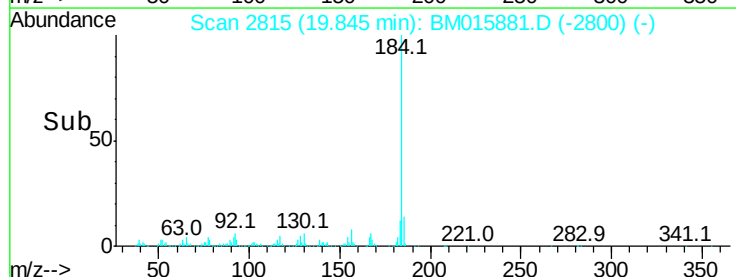
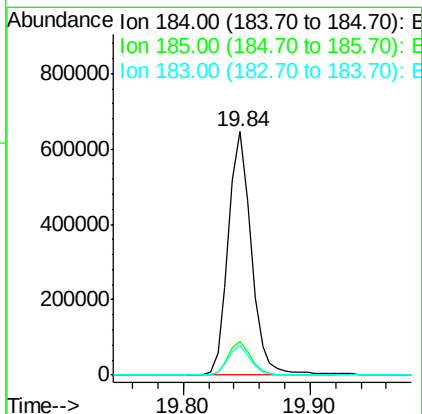
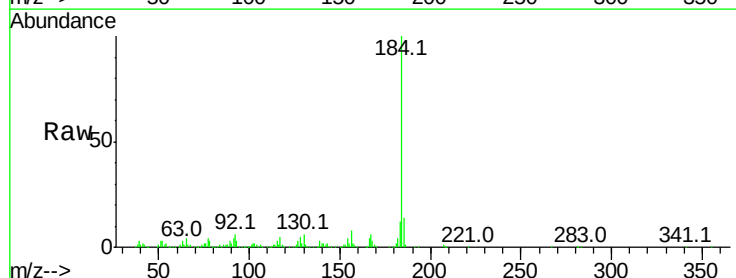
RT: 19.84 min Scan# 2815

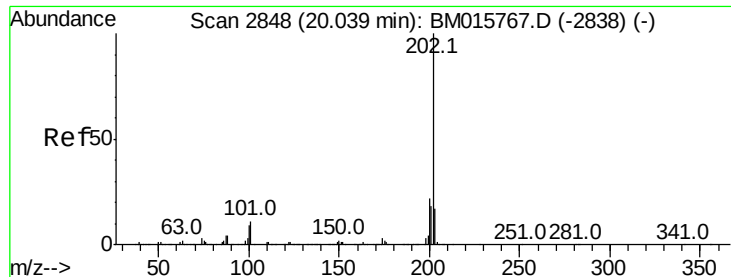
Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 815125 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 11.3  | 16.9   |
| 183       | 12.4  | 8.9   | 13.3   |





#77

Pvrene

Concen: 47.830 ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

ClientSampleId :

PB110959BS

Tot Ion:202 Resp: 1581267

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

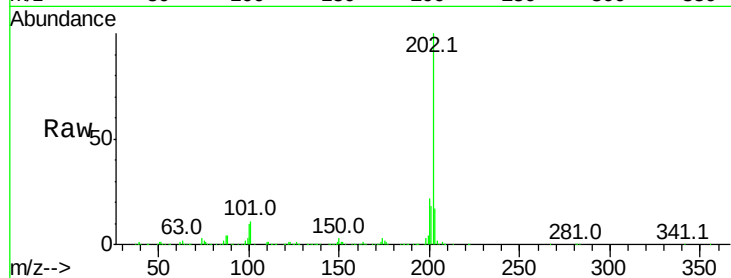
203 17.2 14.1 21.1

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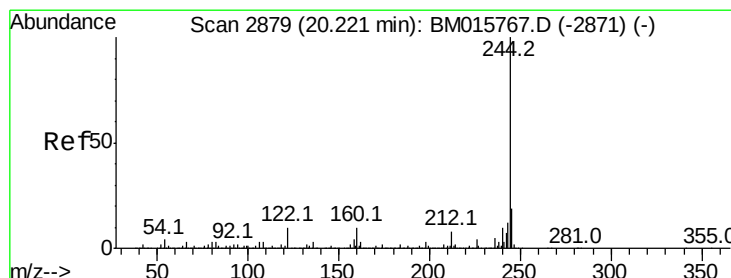
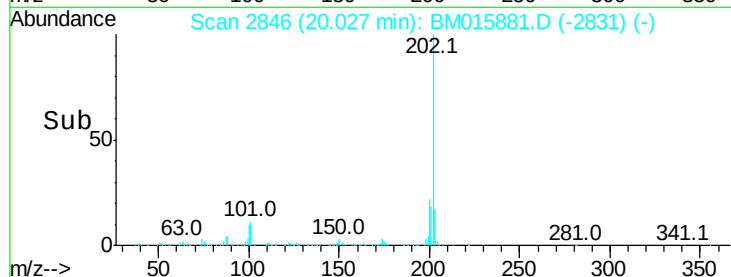
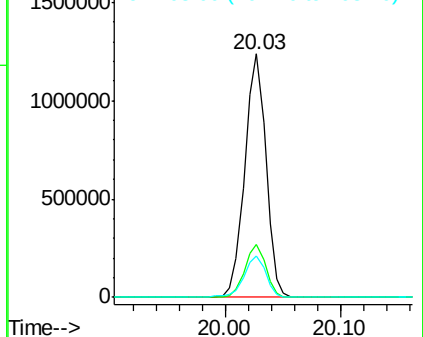
7/11/2018 12:17:27 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 47.830 ng

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

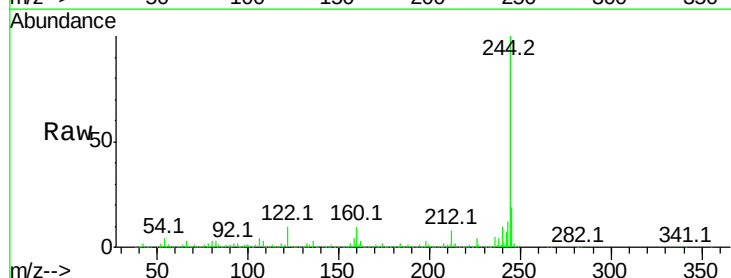
Tgt Ion:244 Resp: 3206187

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

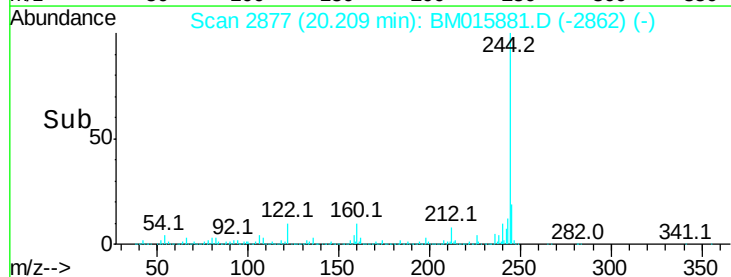
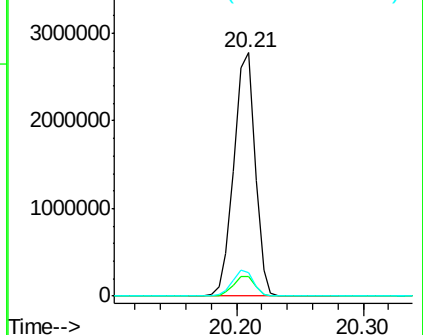
122 9.6 6.2 9.4#

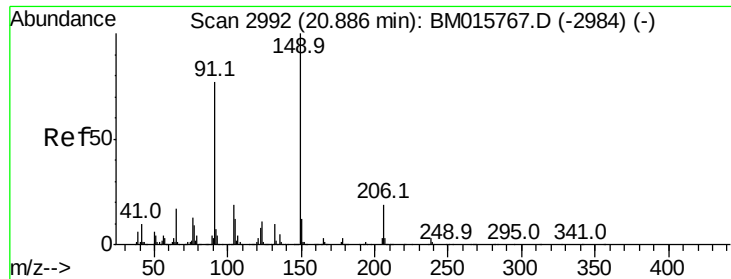


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





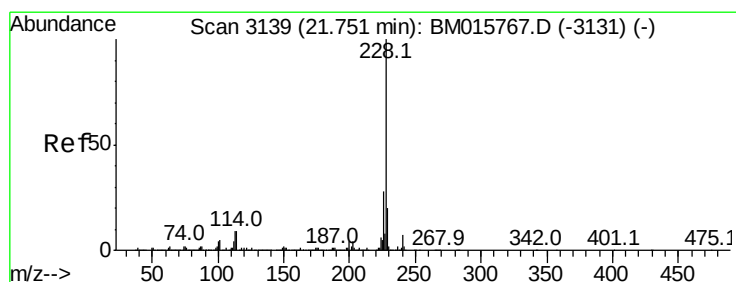
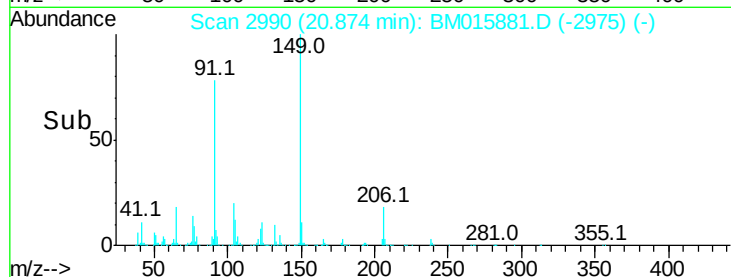
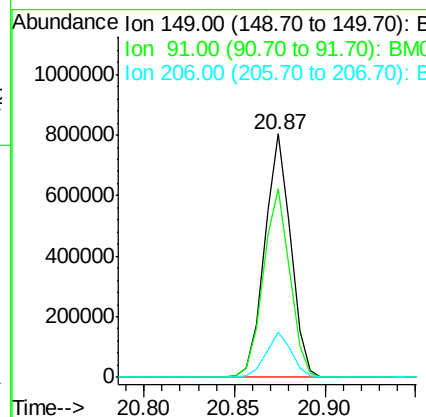
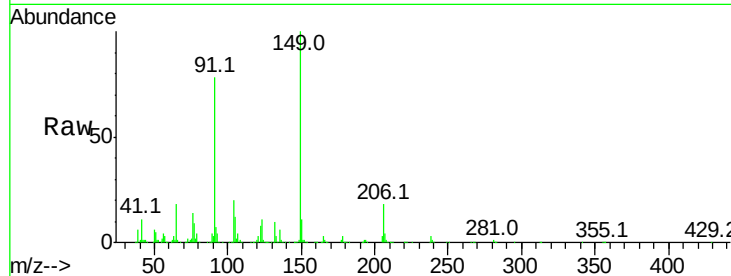
#79  
Butylbenzylphthalate  
Concen: 50.131 ng  
RT: 20.87 min Scan# 2990  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.6  | 50.1  | 75.1# |
| 206     | 18.4  | 16.2  | 24.2  |

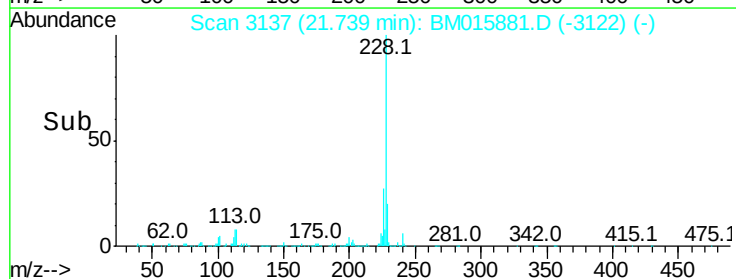
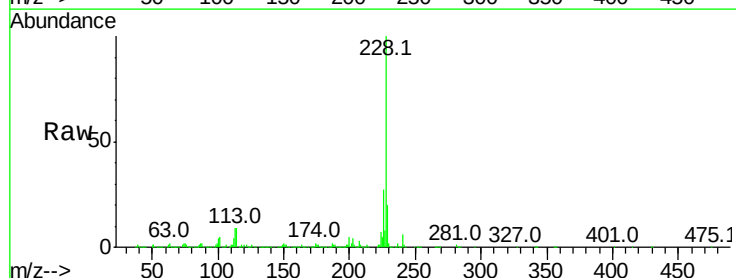
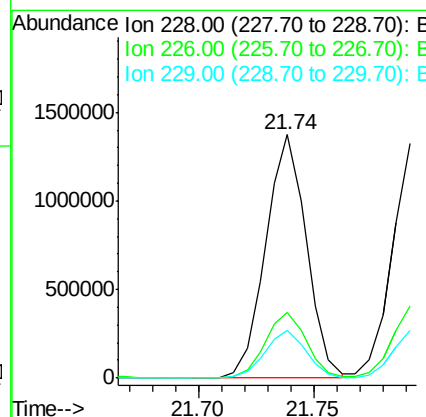
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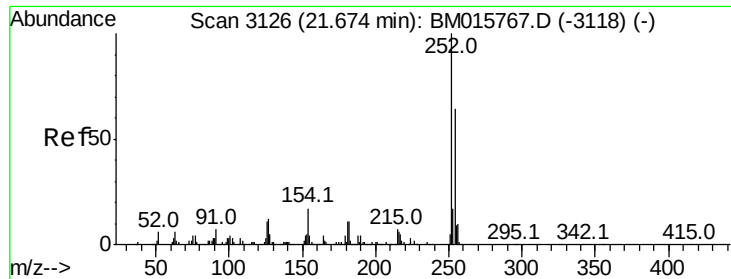
Sohil  
7/11/2018 12:17:27 PM



#80  
Benzo(a)anthracene  
Concen: 49.875 ng  
RT: 21.74 min Scan# 3137  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 21.7  | 32.5  |
| 229     | 19.7  | 16.0  | 24.0  |





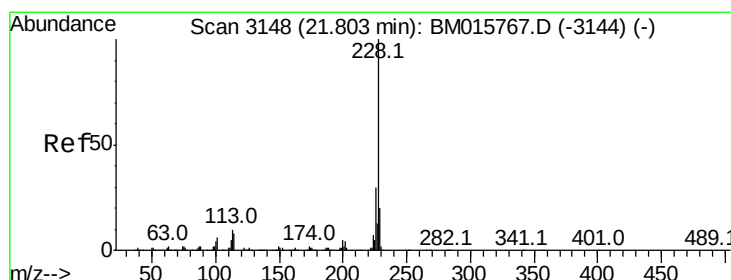
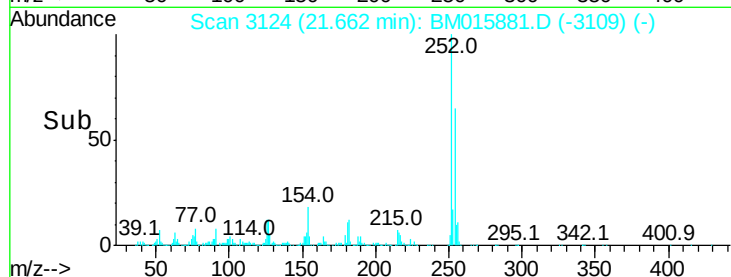
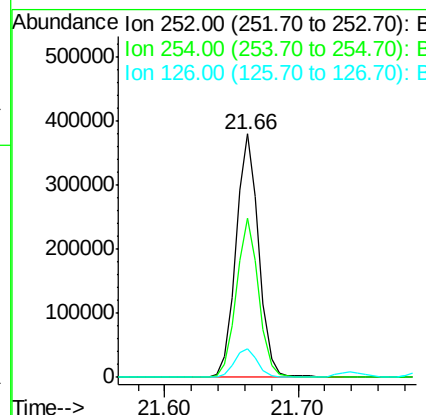
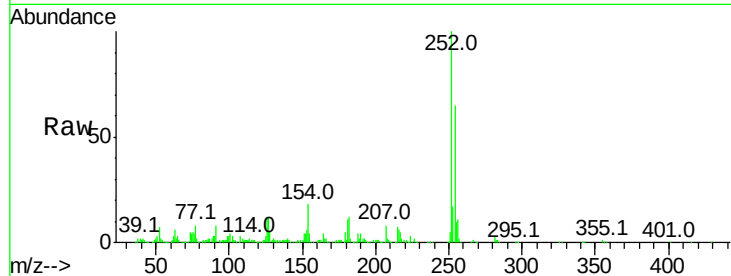
#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.300 ng  
 RT: 21.66 min Scan# 3124  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 51.9  | 77.9  |
| 126     | 11.7  | 9.8   | 14.8  |

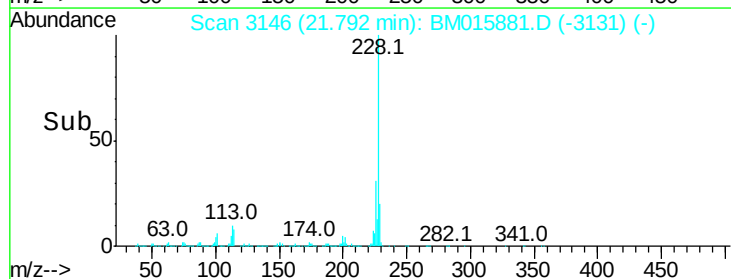
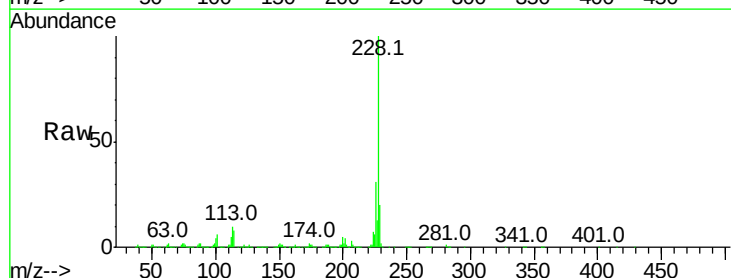
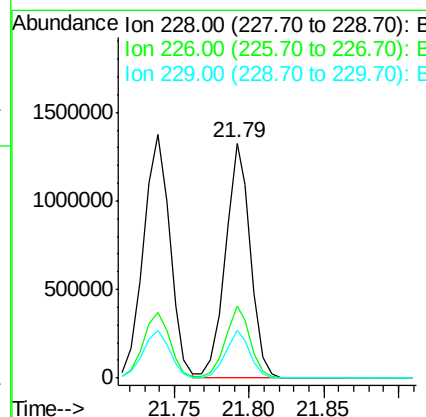
Manual Integrations  
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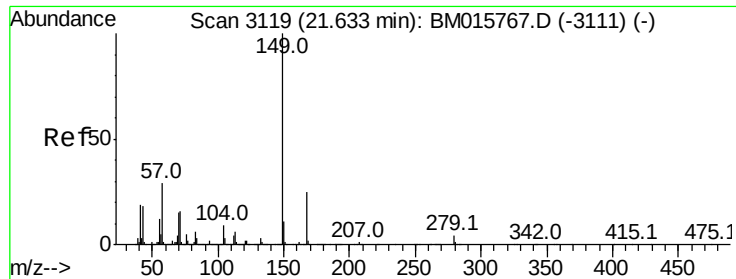
Sohil  
 7/11/2018 12:17:27 PM



#82  
 Chrysene  
 Concen: 49.640 ng  
 RT: 21.79 min Scan# 3146  
 Delta R.T. -0.01 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 24.1  | 36.1  |
| 229     | 20.2  | 15.5  | 23.3  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.386 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

Instrument :

BNA\_M

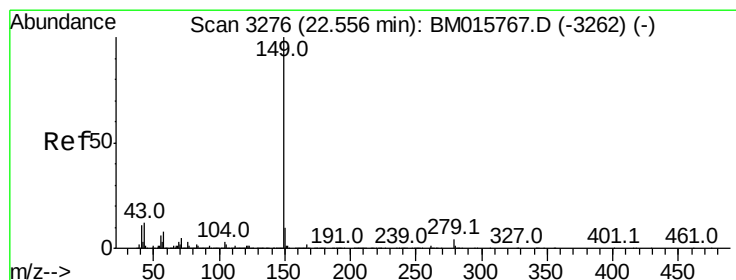
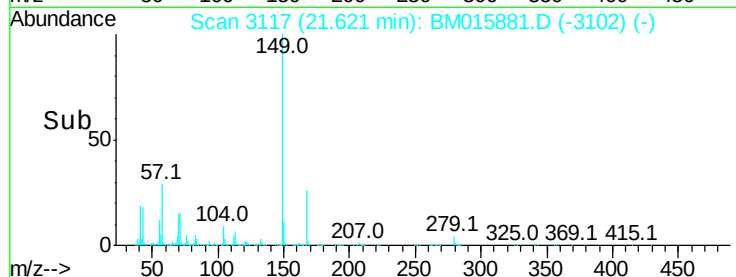
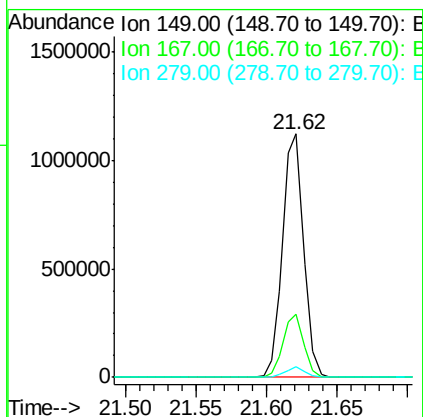
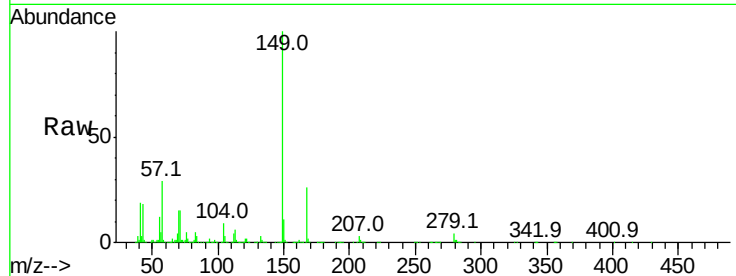
ClientSampleId :

PB110959BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1166127 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 26.0  | 22.4  | 33.6    |
| 279      | 4.2   | 3.4   | 5.0     |

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7/11/2018 12:17:27 PM



#84

Di-n-octyl phthalate

Concen: 53.173 ng

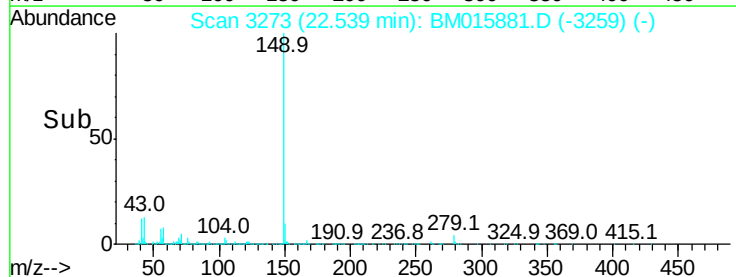
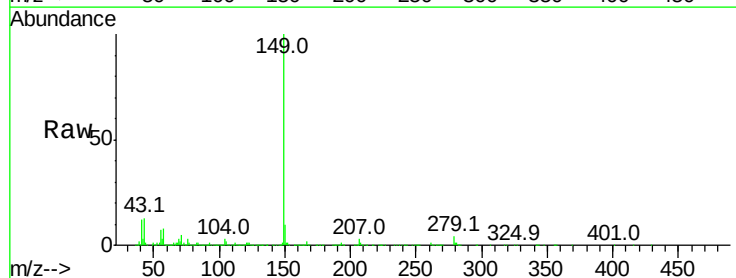
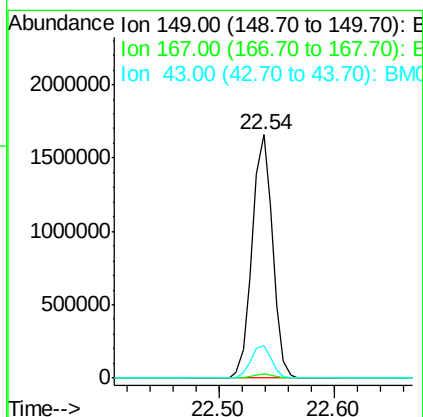
RT: 22.54 min Scan# 3273

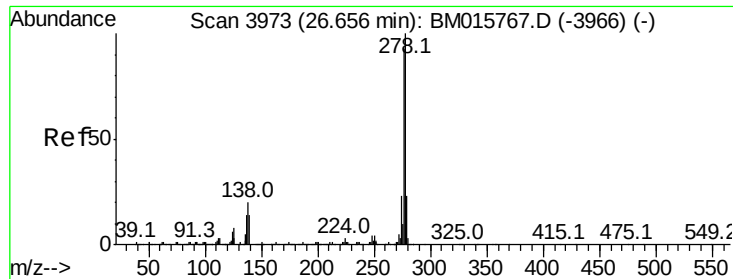
Delta R.T. -0.02 min

Lab File: BM015881.D

Acq: 10 Jul 2018 23:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2047266 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.5   | 1.2   | 1.8     |
| 43       | 13.4  | 7.3   | 10.9#   |





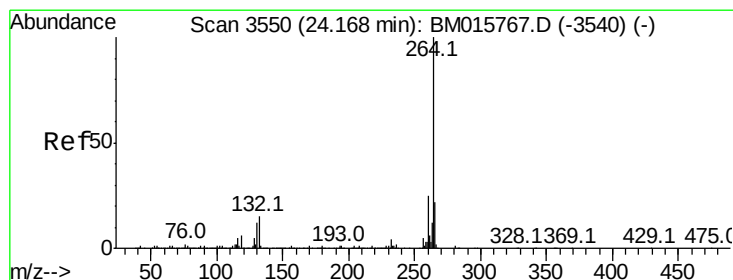
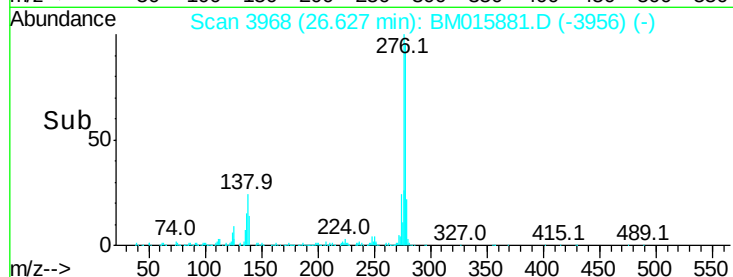
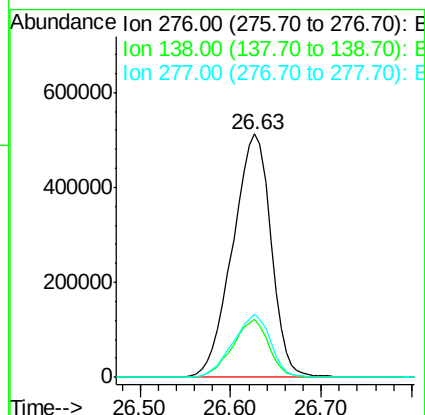
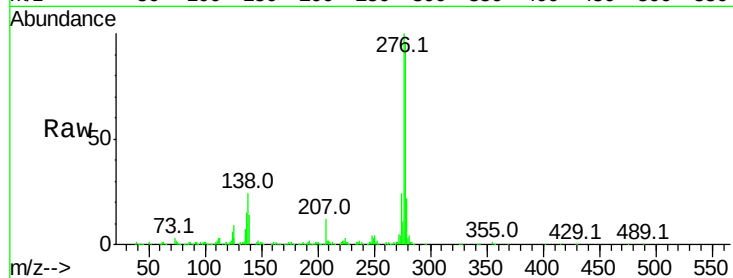
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 51.287 ng  
RT: 26.63 min Scan# 3968  
Delta R.T. -0.03 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

Tot Ion:276 Resp: 1493625  
Ion Ratio Lower Upper  
276 100  
138 22.6 12.0 18.0#  
277 25.4 20.0 30.0

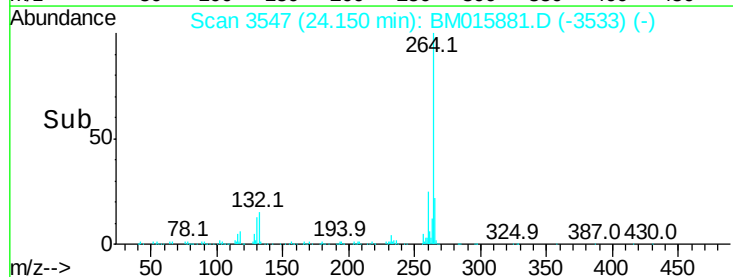
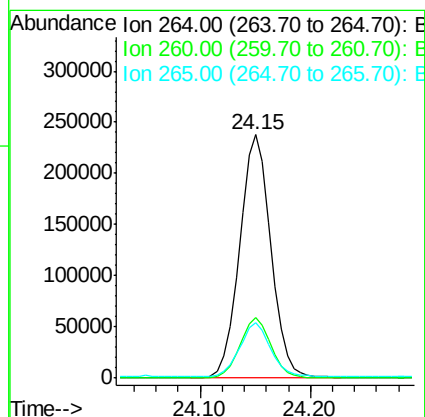
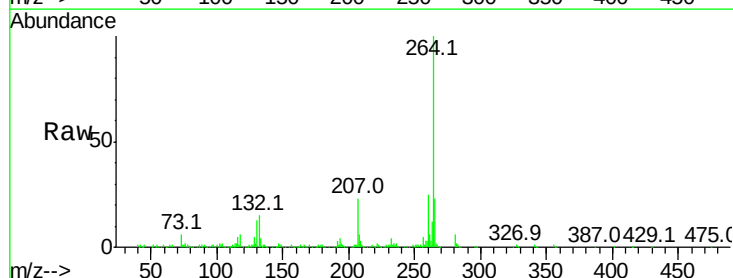
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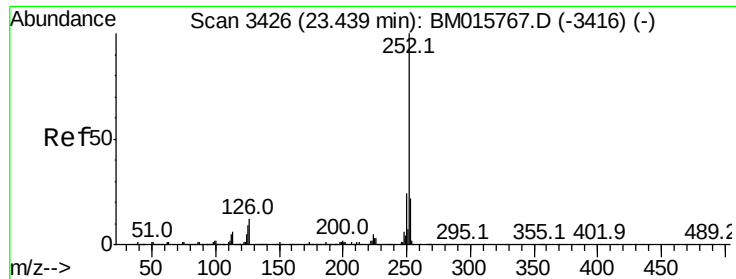
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.15 min Scan# 3547  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Tgt Ion:264 Resp: 473600  
Ion Ratio Lower Upper  
264 100  
260 25.1 18.6 27.8  
265 22.9 17.3 25.9





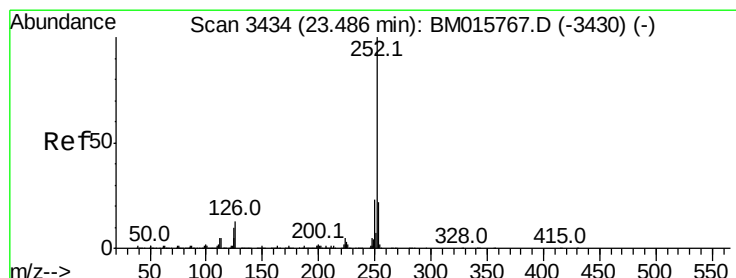
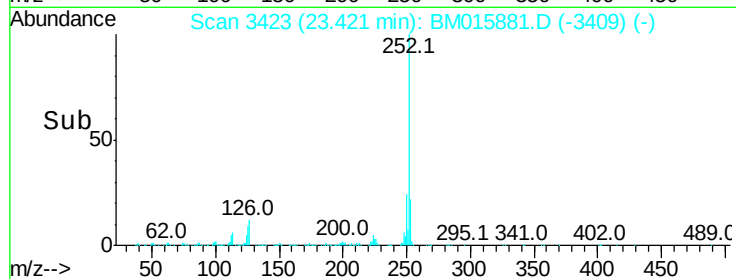
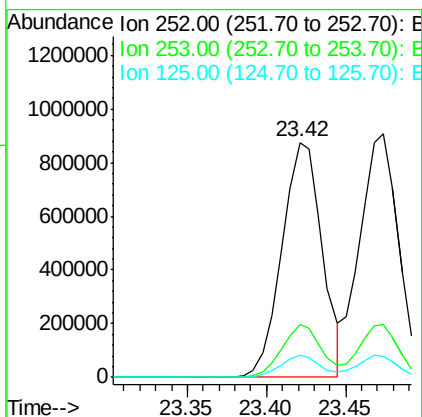
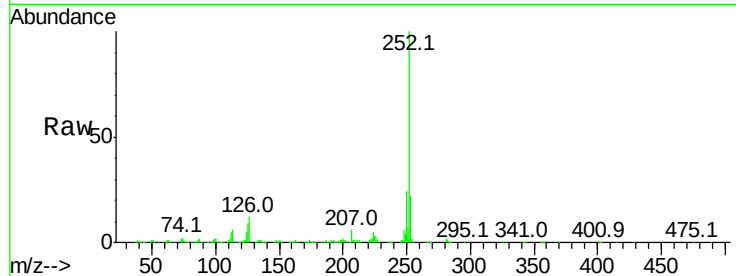
#87  
Benzo(b)fluoranthene  
Concen: 49.074 ng  
RT: 23.42 min Scan# 3423  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.0  | 27.0  |
| 125     | 9.5   | 9.9   | 14.9  |

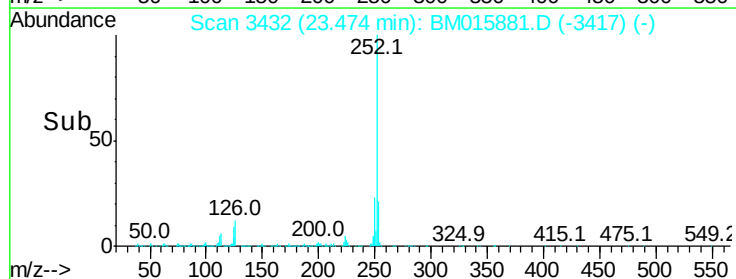
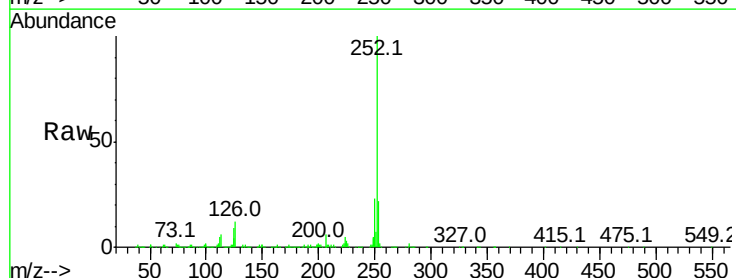
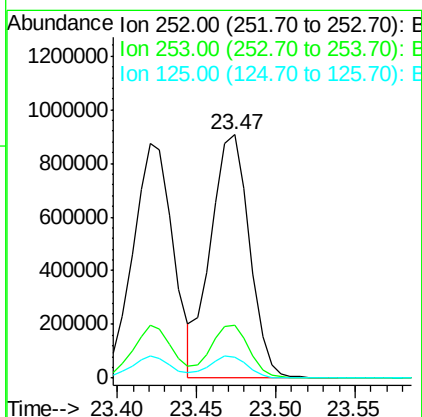
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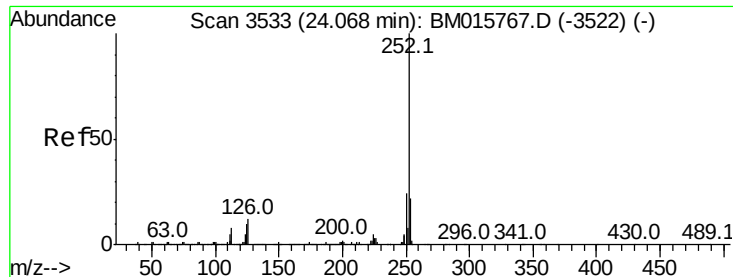


#88  
Benzo(k)fluoranthene  
Concen: 50.237 ng  
RT: 23.47 min Scan# 3432  
Delta R.T. -0.01 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.2  | 25.8  |
| 125     | 8.7   | 8.1   | 12.1  |







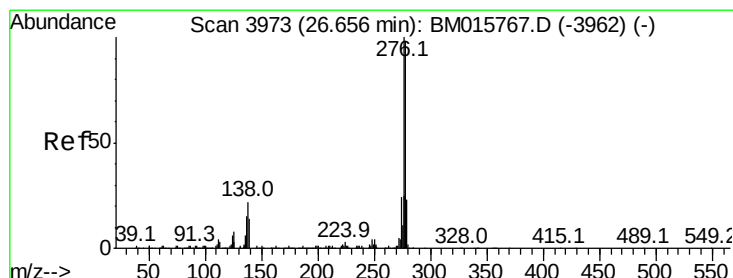
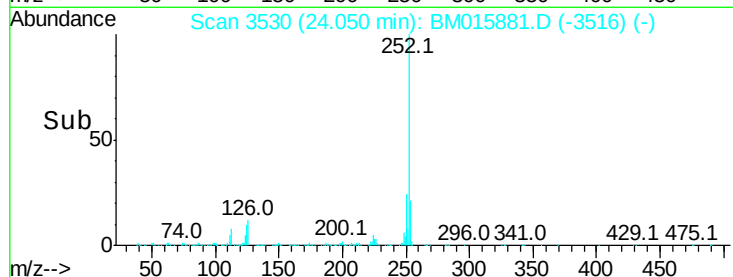
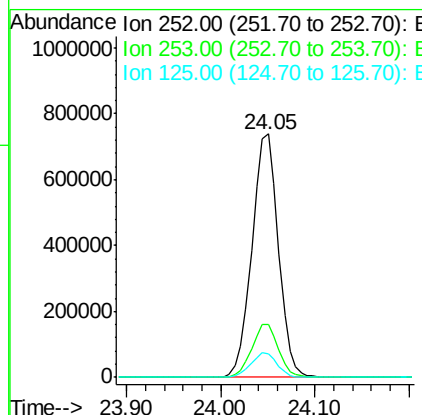
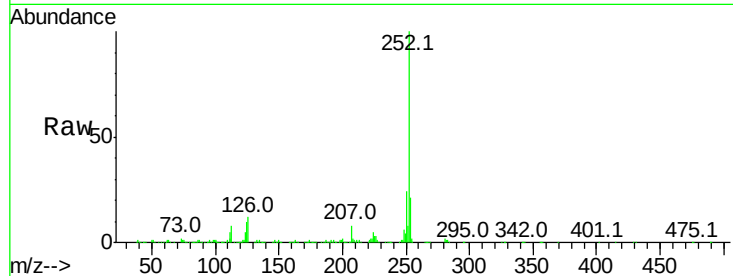
#89  
Benzo(a)pyrene  
Concen: 51.770 ng  
RT: 24.05 min Scan# 3530  
Delta R.T. -0.02 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.6  | 26.4  |
| 125     | 9.6   | 7.4   | 11.2  |

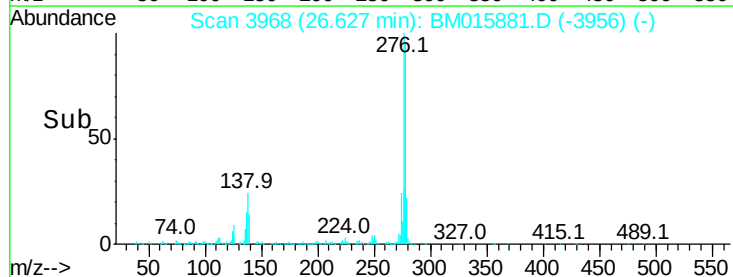
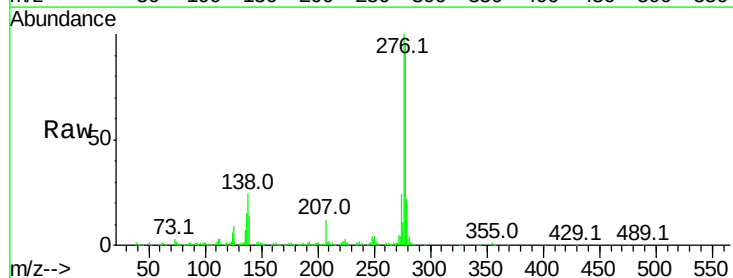
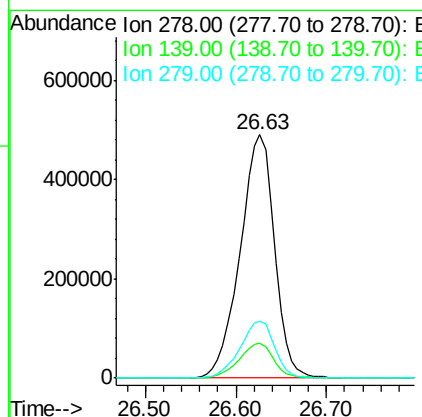
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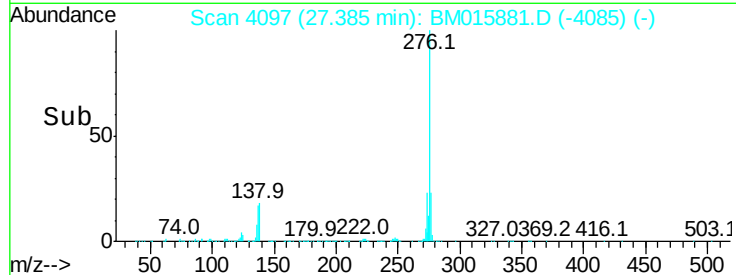
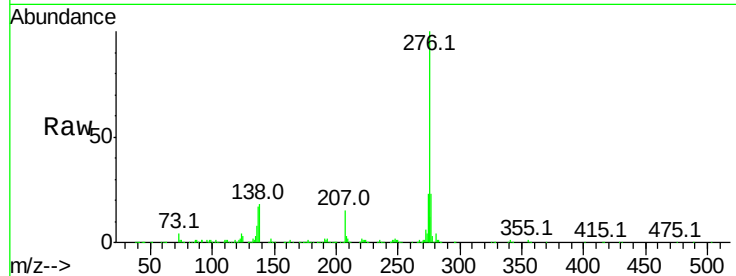
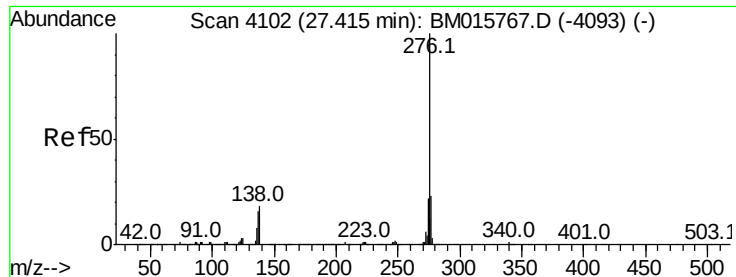
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#90  
Dibenzo(a,h)anthracene  
Concen: 51.556 ng  
RT: 26.63 min Scan# 3968  
Delta R.T. -0.03 min  
Lab File: BM015881.D  
Acq: 10 Jul 2018 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.6  | 13.4  | 20.0  |
| 279     | 23.2  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 52.435 ng  
 RT: 27.39 min Scan# 4097  
 Delta R.T. -0.03 min  
 Lab File: BM015881.D  
 Acq: 10 Jul 2018 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110959BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 18.5  | 27.7  |
| 138     | 18.4  | 19.0  | 28.6  |

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