

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\  
 Data File : BM018987.D  
 Acq On : 01 Mar 2019 15:20  
 Operator : JU/SJ  
 Sample : PB117349BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117349BSD

Manual Integrations  
 APPROVED

Sohil  
 3/4/2019 12:47:37 PM

Quant Time: Mar 02 01:45:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 199841   | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 10.47 | 136  | 853149   | 20.00 | ng    | -0.04    |
| 39) Acenaphthene-d10      | 14.33 | 164  | 510164   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.09 | 188  | 1158585  | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.29 | 240  | 1282932  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.53 | 264  | 1312077  | 20.00 | ng    | -0.04    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.28  | 112 | 1764824 | 144.70 | ng | -0.02 |
| 7) Phenol-d6                | 6.86  | 99  | 2473577 | 143.96 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.85  | 82  | 1430724 | 77.54  | ng | -0.04 |
| 42) 2,4,6-Tribromophenol    | 15.84 | 330 | 1014249 | 137.92 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 12.95 | 172 | 2970815 | 77.30  | ng | -0.03 |
| 79) Terphenyl-d14           | 19.73 | 244 | 4992333 | 80.27  | ng | -0.02 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.23  | 88  | 201970  | 38.020 ng | 98     |
| 3) Pyridine                    | 3.63  | 79  | 568043  | 39.202 ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.55  | 42  | 169168  | 45.891 ng | 92     |
| 6) Aniline                     | 7.03  | 93  | 728838  | 34.620 ng | 100    |
| 8) 2-Chlorophenol              | 7.25  | 128 | 637661  | 47.619 ng | 100    |
| 9) Benzaldehyde                | 6.85  | 77  | 495148  | 60.125 ng | 99     |
| 10) Phenol                     | 6.89  | 94  | 870500  | 48.150 ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 577853  | 41.900 ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.57  | 146 | 615522  | 40.878 ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.72  | 146 | 630733  | 41.146 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 609402  | 41.387 ng | 100    |
| 15) Benzyl Alcohol             | 7.93  | 79  | 620400  | 45.441 ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.22  | 45  | 584924  | 43.822 ng | 97     |
| 17) 2-Methylphenol             | 8.13  | 107 | 556049  | 48.324 ng | 98     |
| 18) Hexachloroethane           | 8.75  | 117 | 234732  | 41.948 ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 564430  | 42.426 ng | 99     |
| 20) 3+4-Methylphenols          | 8.46  | 107 | 755380  | 47.540 ng | 99     |
| 22) Acetophenone               | 8.52  | 105 | 922361  | 39.368 ng | # 99   |
| 24) Nitrobenzene               | 8.89  | 77  | 796038  | 41.564 ng | 99     |
| 25) Isophorone                 | 9.41  | 82  | 1414922 | 48.061 ng | 99     |
| 26) 2-Nitrophenol              | 9.60  | 139 | 335018  | 43.925 ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 599595  | 53.824 ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.89  | 93  | 843368  | 44.299 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 601094  | 46.993 ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 598715  | 40.530 ng | 96     |
| 31) Naphthalene                | 10.52 | 128 | 1850320 | 44.469 ng | 99     |
| 32) Benzoic acid               | 9.82  | 122 | 402004  | 41.370 ng | 98     |
| 33) 4-Chloroaniline            | 10.65 | 127 | 373349  | 20.073 ng | 99     |
| 34) Hexachlorobutadiene        | 10.78 | 225 | 319788  | 37.296 ng | 99     |
| 35) Caprolactam                | 11.46 | 113 | 203537m | 38.990 ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.77 | 107 | 700228  | 45.405 ng | 100    |
| 37) 2-Methylnaphthalene        | 12.14 | 142 | 1389308 | 47.425 ng | 99     |
| 38) 1-Methylnaphthalene        | 12.36 | 142 | 1323324 | 46.194 ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 647193  | 39.657 ng | 99     |

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Manual Integrations  
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Quant Time: Mar 02 01:45:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.47 | 237  | 841435   | 100.846 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.76 | 196  | 483209   | 44.727  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 511026   | 45.129  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.16 | 154  | 1796234  | 40.904  | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.20 | 162  | 1387797  | 40.916  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.43 | 65   | 494057   | 43.858  | nq    | 98       |
| 49) Acenaphthylene             | 14.06 | 152  | 2298359  | 45.508  | nq    | 99       |
| 50) Dimethylphthalate          | 13.80 | 163  | 1820675  | 42.822  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.93 | 165  | 404577   | 43.928  | nq    | 96       |
| 52) Acenaphthene               | 14.40 | 154  | 1322135  | 42.693  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.27 | 138  | 266812   | 25.639  | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.47 | 184  | 523330   | 88.861  | nq    | 98       |
| 55) Dibenzofuran               | 14.74 | 168  | 2150234  | 42.243  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.58 | 139  | 720788   | 86.766  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.72 | 165  | 576426   | 45.424  | nq    | 98       |
| 58) Fluorene                   | 15.39 | 166  | 1773211  | 45.536  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 466401   | 46.598  | nq    | 99       |
| 60) Diethylphthalate           | 15.17 | 149  | 1882612  | 42.925  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.39 | 204  | 867814   | 39.747  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.44 | 138  | 413932   | 40.573  | nq    | 96       |
| 63) Azobenzene                 | 15.68 | 77   | 2000996  | 42.552  | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 315006   | 38.725  | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.60 | 169  | 1552898  | 42.424  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.28 | 248  | 520740   | 40.155  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.39 | 284  | 611448   | 40.564  | nq    | 96       |
| 69) Atrazine                   | 16.56 | 200  | 542246   | 45.950  | nq    | 98       |
| 70) Pentachlorophenol          | 16.74 | 266  | 780816   | 80.449  | nq    | 99       |
| 71) Phenanthrene               | 17.13 | 178  | 2770426  | 44.495  | nq    | 99       |
| 72) Anthracene                 | 17.22 | 178  | 2846598  | 46.971  | nq    | 100      |
| 73) Carbazole                  | 17.50 | 167  | 2621500  | 41.403  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.06 | 149  | 3261260  | 44.786  | nq    | 99       |
| 75) Fluoranthene               | 19.16 | 202  | 3223505  | 44.819  | nq    | 99       |
| 77) Benzidine                  | 19.36 | 184  | 2158538  | 74.707  | nq    | 100      |
| 78) Pyrene                     | 19.52 | 202  | 3273129  | 43.928  | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.42 | 149  | 1581951  | 46.586  | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.27 | 228  | 3233518  | 43.238  | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.21 | 252  | 815878   | 27.605  | nq    | 100      |
| 83) Chrysene                   | 21.32 | 228  | 3107005  | 43.346  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 2320528  | 46.690  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.07 | 149  | 4050755  | 48.493  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.81 | 276  | 3582703  | 43.292  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 22.86 | 252  | 3511142  | 46.772  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 22.90 | 252  | 3307031  | 44.250  | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.44 | 252  | 3279309  | 46.113  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.82 | 278  | 3077446  | 43.679  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.51 | 276  | 2808672  | 42.820  | nq    | 99       |

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





#1

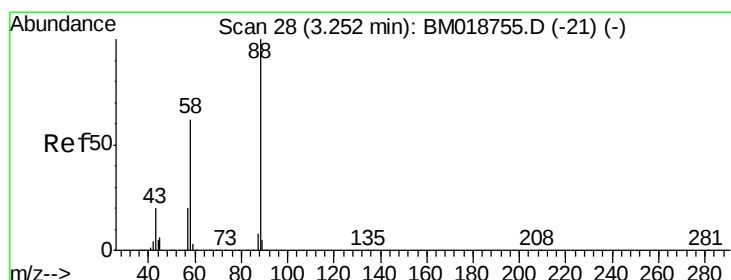
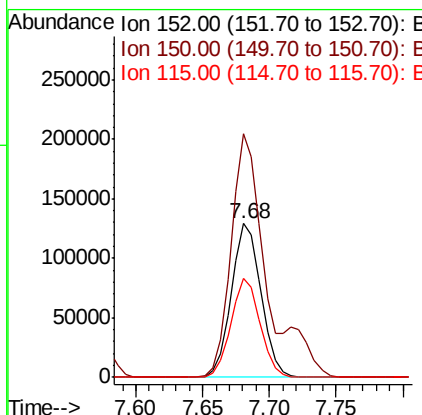
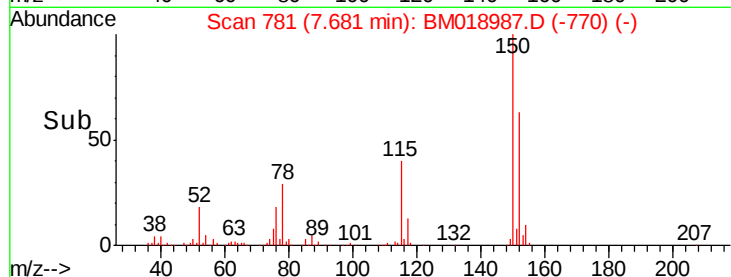
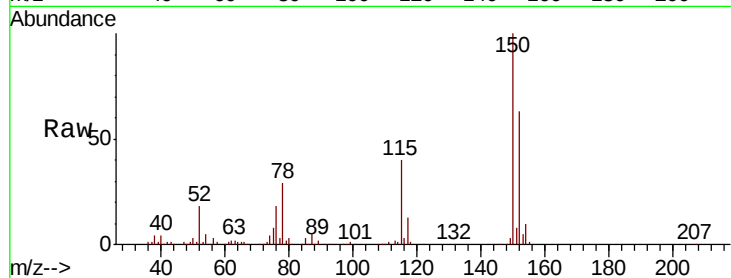
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 781  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.2 | 127.3 | 190.9 |
| 115     | 64.0  | 50.8  | 76.2  |

Manual Integrations  
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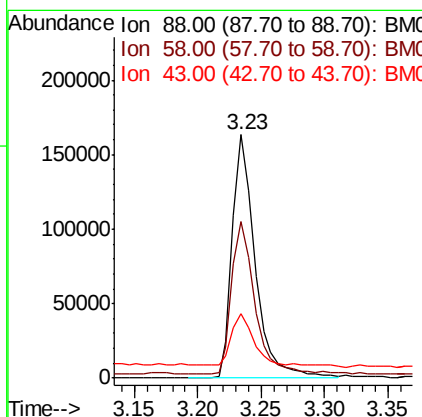
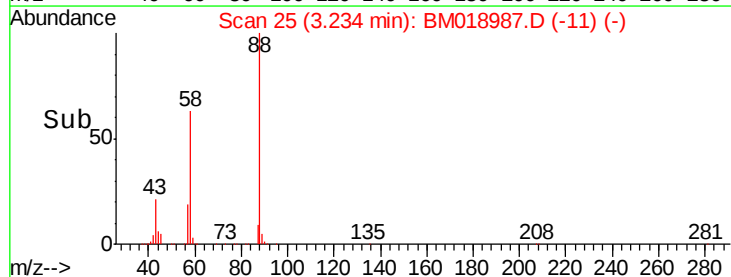
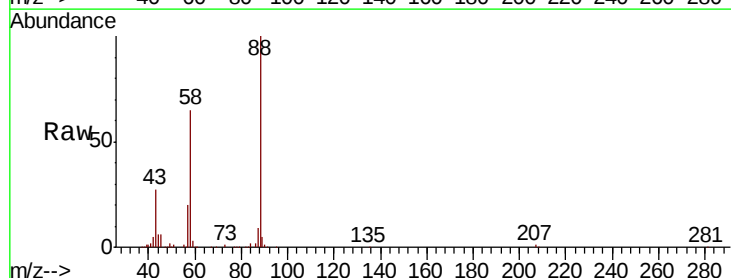
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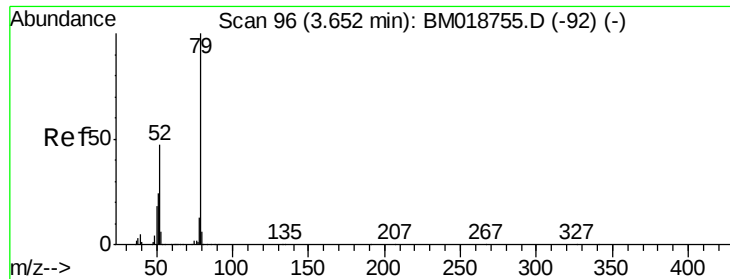


#2

1,4-Dioxane  
Concen: 38.020 ng  
RT: 3.23 min Scan# 25  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 64.1  | 49.8  | 74.6  |
| 43      | 20.1  | 16.7  | 25.1  |





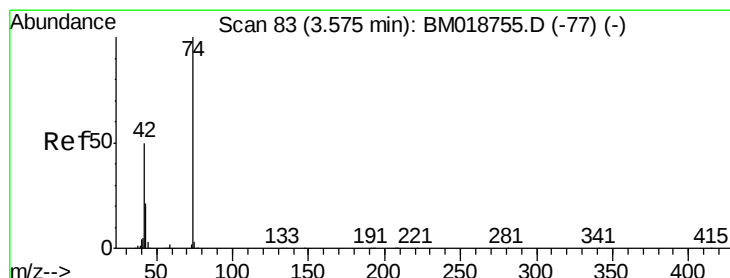
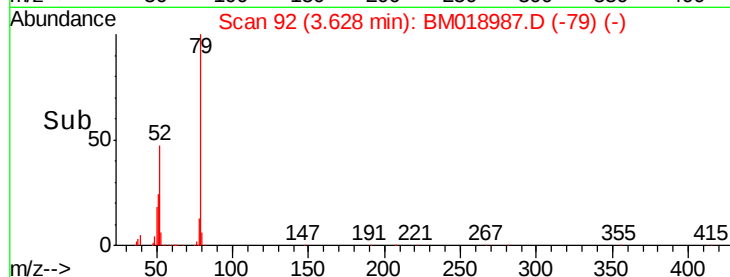
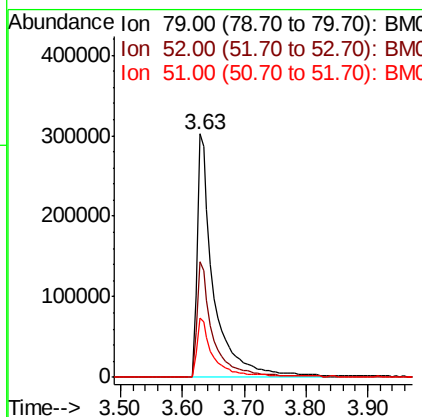
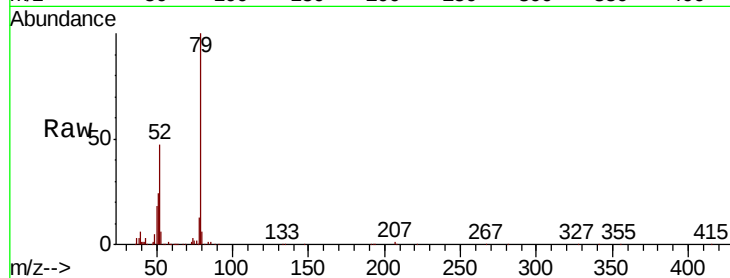
#3  
 Pvridine  
 Concen: 39.202 ng  
 RT: 3.63 min Scan# 92  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 47.3  | 37.6  | 56.4  |
| 51      | 24.2  | 19.7  | 29.5  |

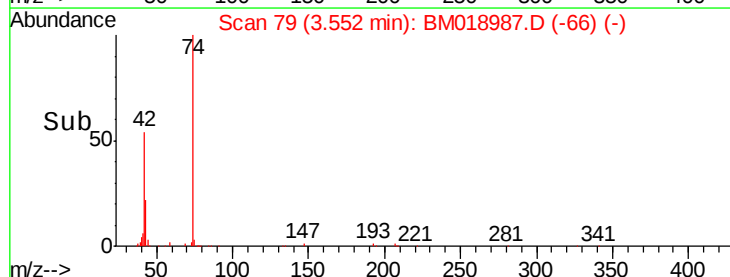
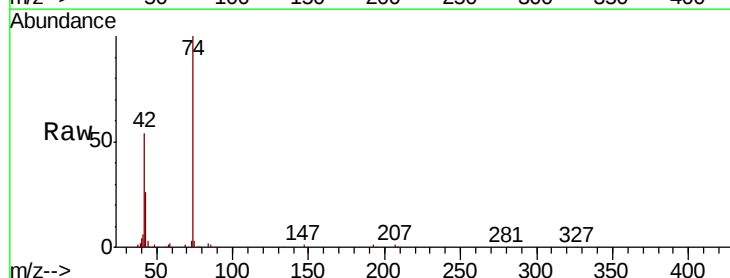
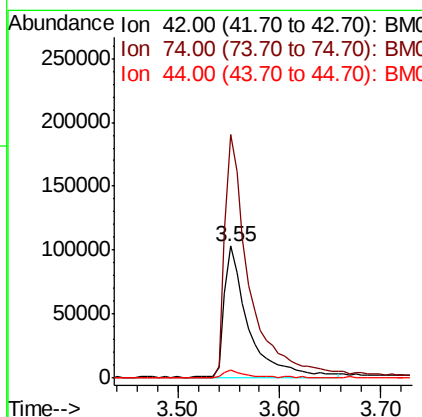
Manual Integrations  
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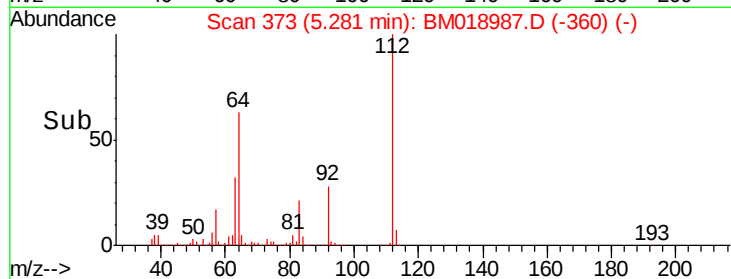
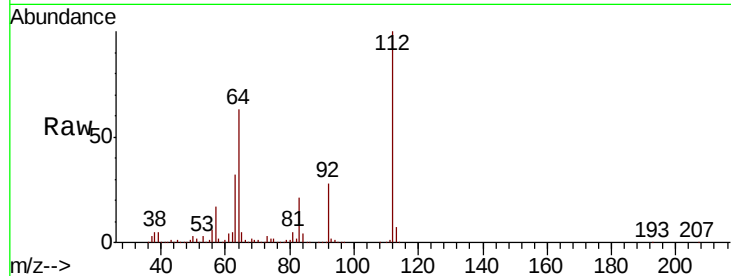
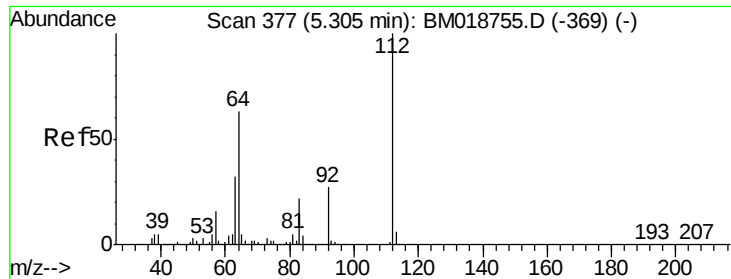
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 3/4/2019 12:47:37 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 45.891 ng  
 RT: 3.55 min Scan# 79  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 185.0 | 158.1 | 237.1 |
| 44      | 5.8   | 4.9   | 7.3   |





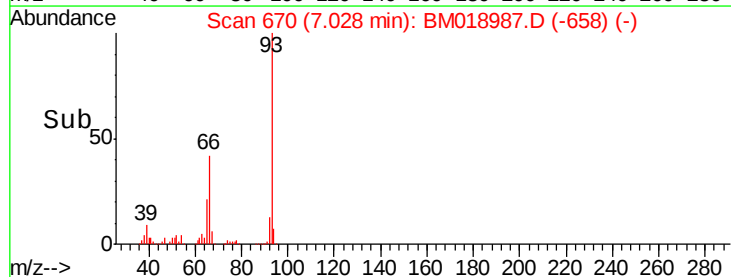
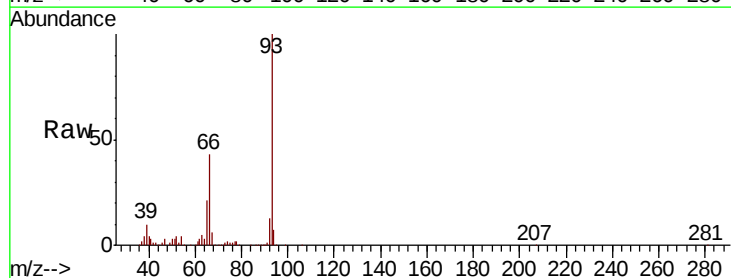
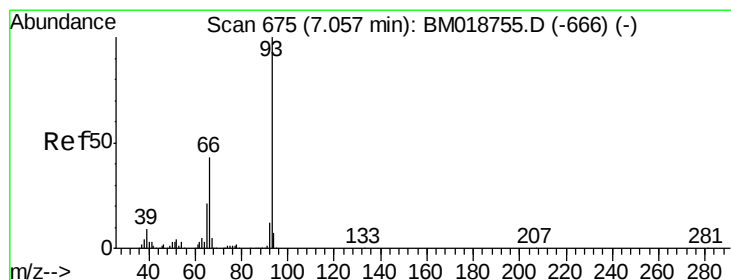
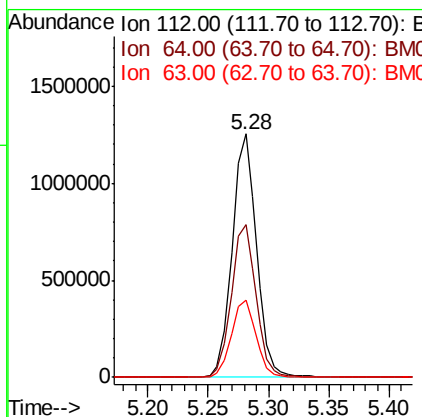
#5  
2-Fluorophenol  
Concen: 144.696 ng  
RT: 5.28 min Scan# 373  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 62.8  | 50.6  | 75.8  |
| 63      | 31.9  | 25.7  | 38.5  |

Instrument :  
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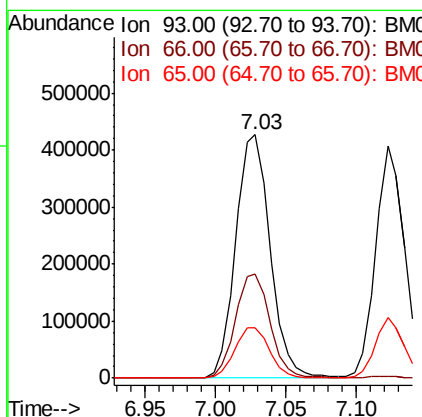
Manual Integrations  
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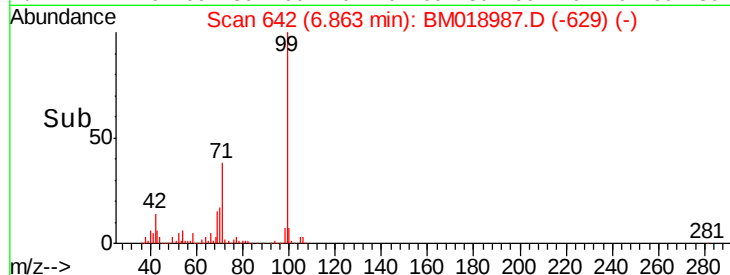
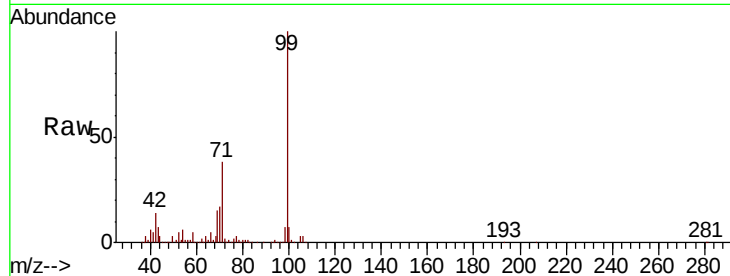
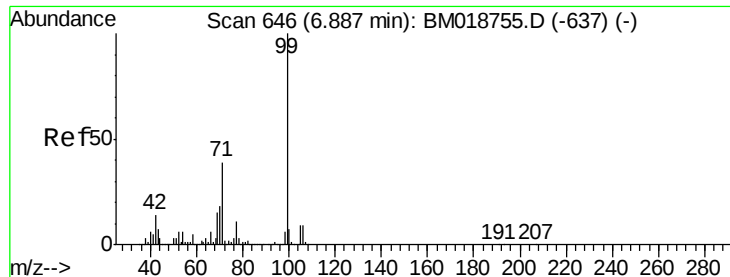
Sohil  
3/4/2019 12:47:37 PM



#6  
Aniline  
Concen: 34.620 ng  
RT: 7.03 min Scan# 670  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 42.6  | 34.1  | 51.1  |
| 65      | 20.9  | 16.6  | 24.8  |





#7

Phenol-d6

Concen: 143.961 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Tot Ion: 99 Resp: 2473577

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

71 37.7 31.3 46.9

Instrument :

BNA\_M

ClientSampleId :

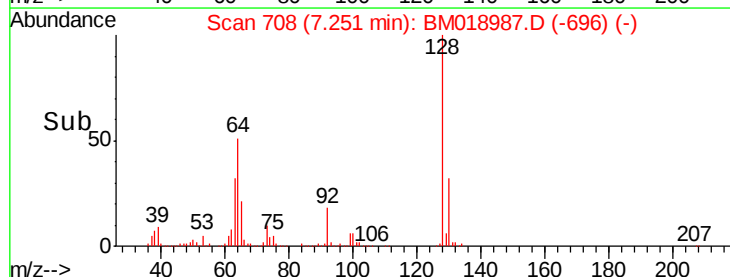
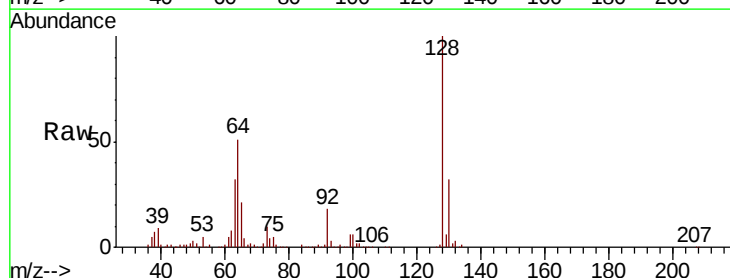
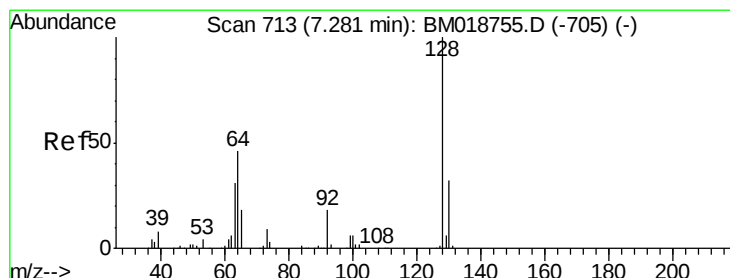
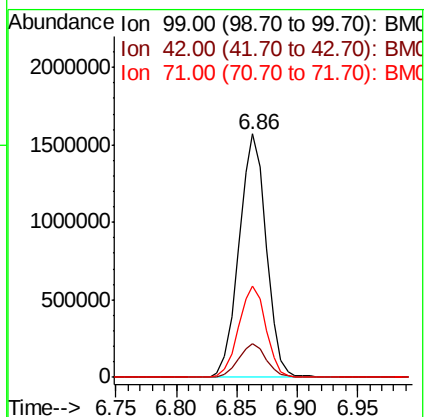
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Manual Integrations

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#8

2-Chlorophenol

Concen: 47.619 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

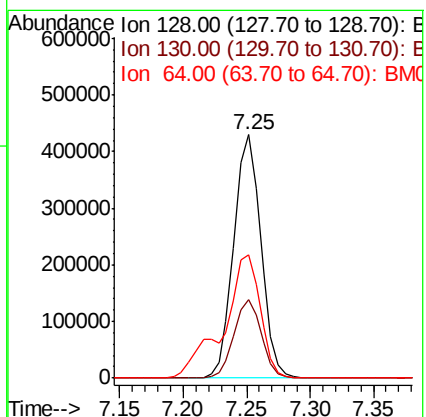
Tgt Ion:128 Resp: 637661

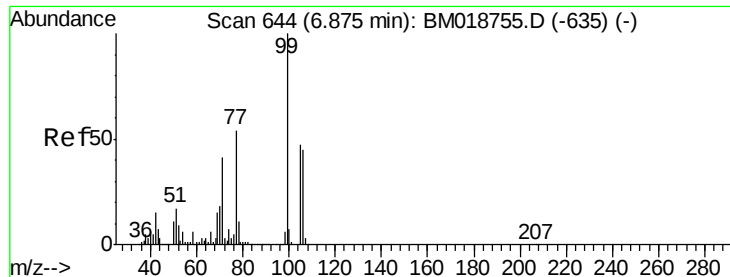
Ion Ratio Lower Upper

128 100

130 32.2 11.7 51.7

64 50.9 31.0 71.0





#9

Benzaldehyde

Concen: 60.125 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

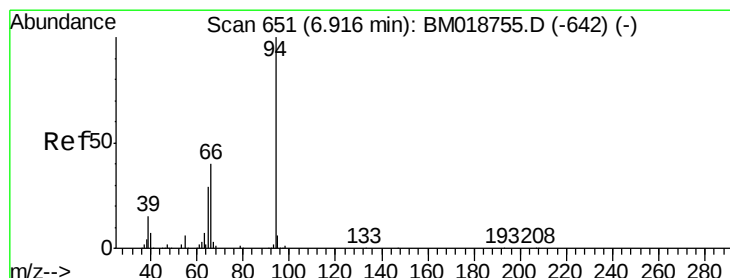
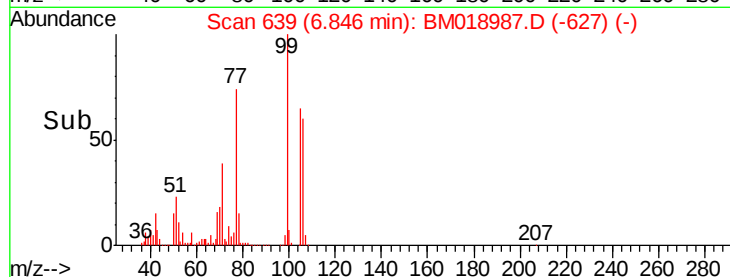
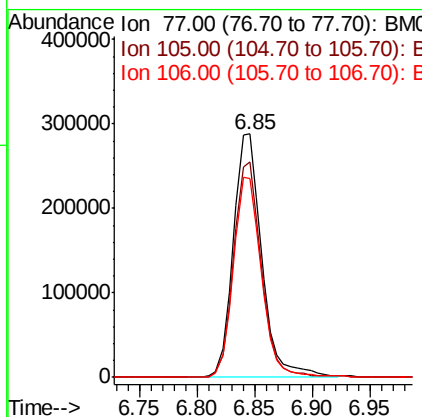
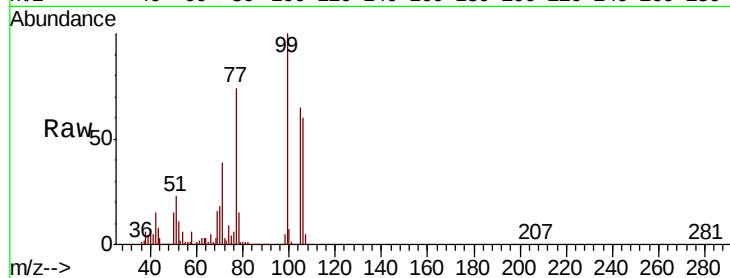
ClientSampleId :

PB117349BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 495148 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 88.4  | 67.3  | 107.3  |
| 106       | 81.9  | 62.9  | 102.9  |

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#10

Phenol

Concen: 48.150 ng

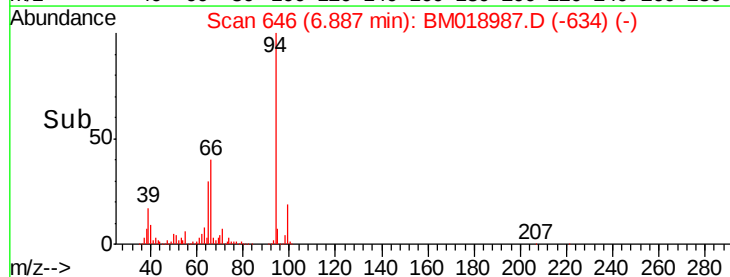
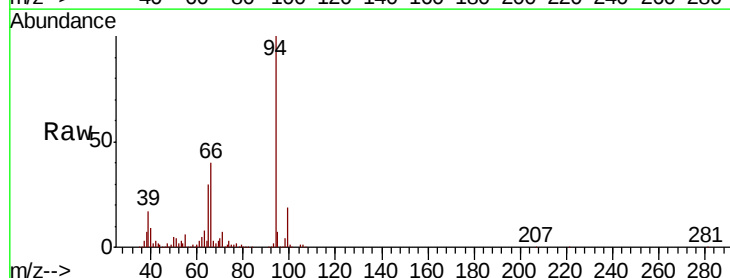
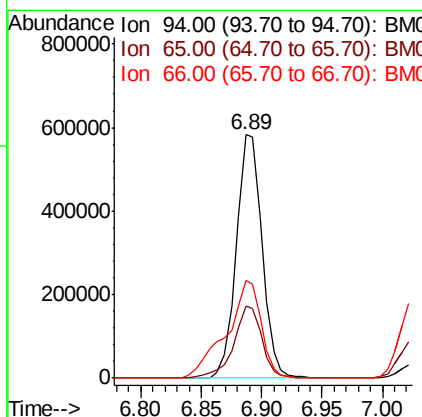
RT: 6.89 min Scan# 646

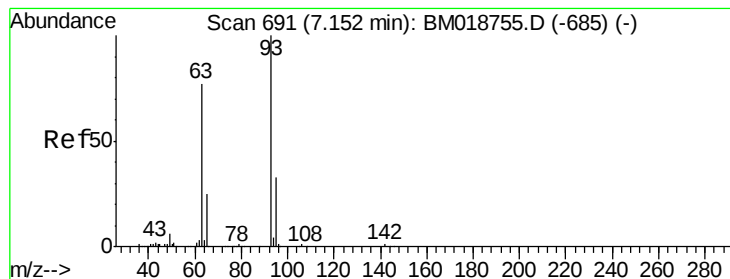
Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 870500 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 29.7  | 9.6   | 49.6   |
| 66        | 40.1  | 20.4  | 60.4   |





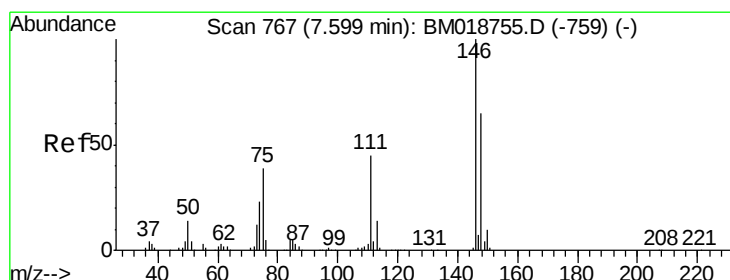
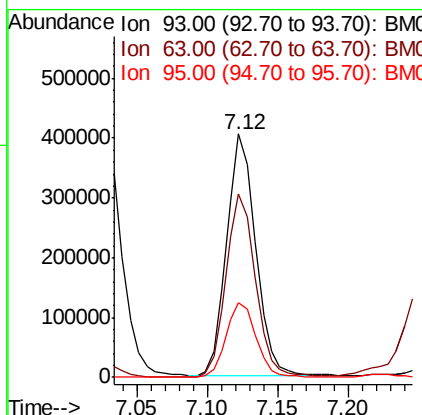
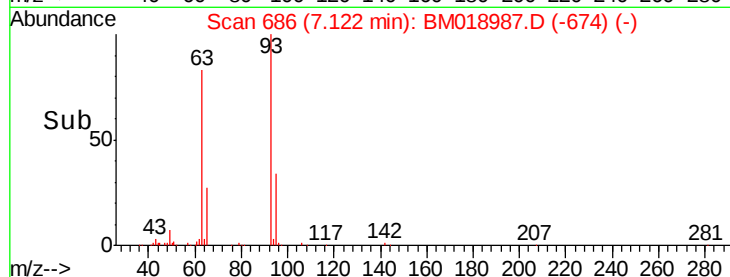
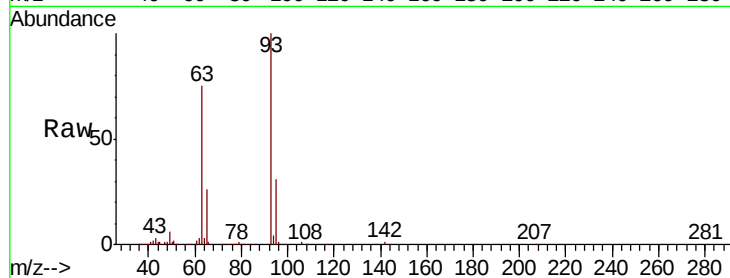
#11  
bis(2-Chloroethyl)ether  
Concen: 41.900 ng  
RT: 7.12 min Scan# 686  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleID :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.2  | 57.0  | 97.0  |
| 95      | 30.8  | 12.4  | 52.4  |

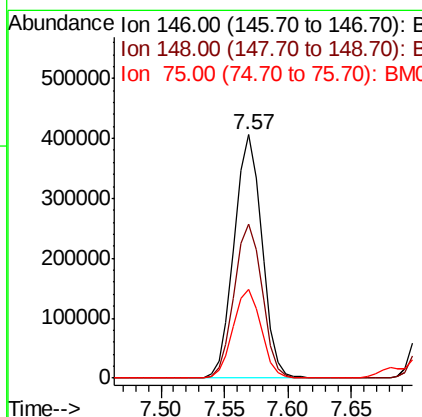
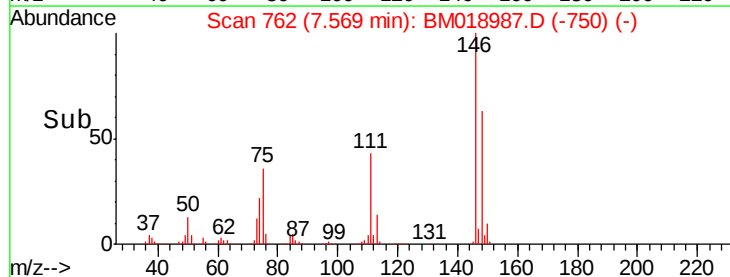
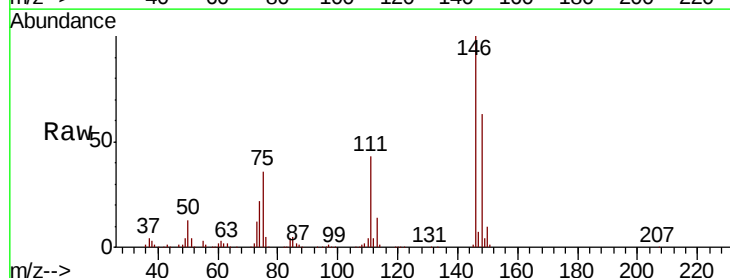
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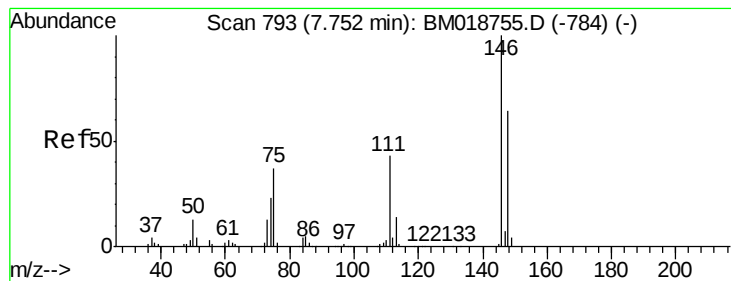
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#12  
1,3-Dichlorobenzene  
Concen: 40.878 ng  
RT: 7.57 min Scan# 762  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 51.7  | 77.5  |
| 75      | 36.4  | 31.3  | 46.9  |





#13

1,4-Dichlorobenzene

Concen: 41.146 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

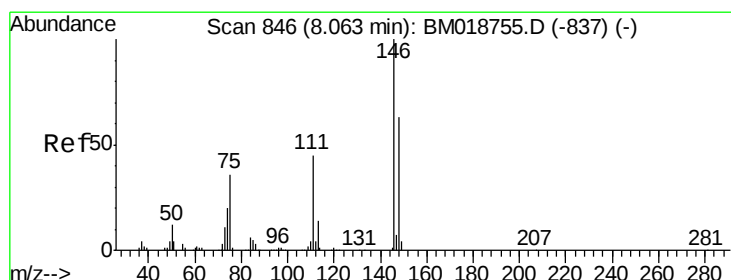
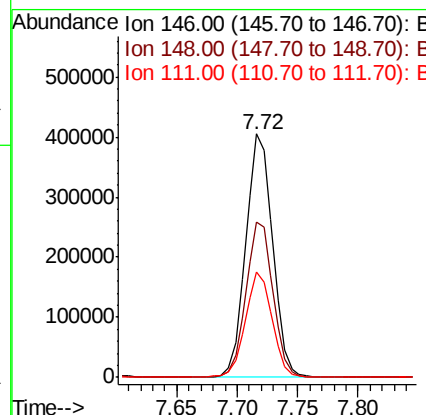
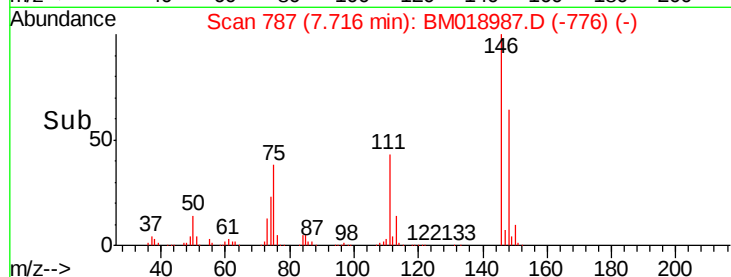
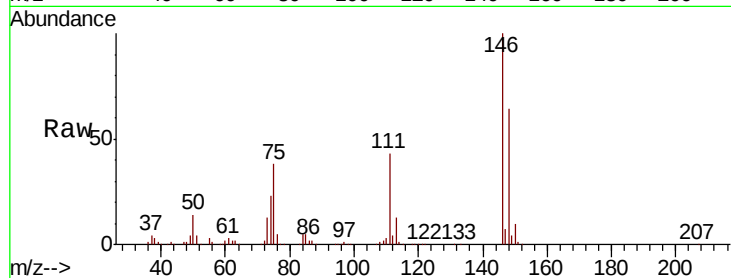
ClientSampled :

PB117349BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 630733 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.7  | 51.4  | 77.2   |
| 111       | 43.0  | 34.6  | 52.0   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 41.387 ng

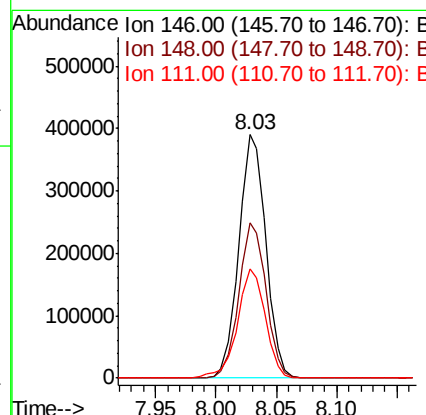
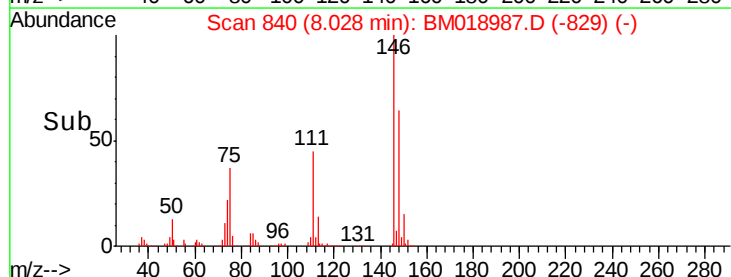
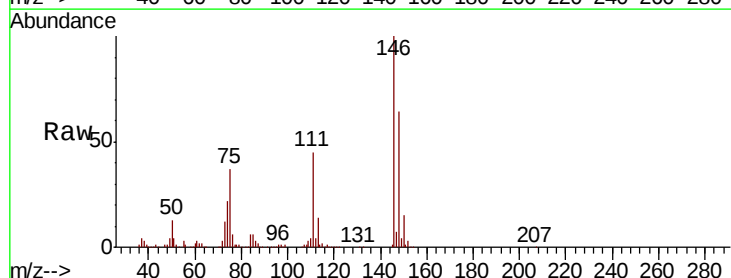
RT: 8.03 min Scan# 840

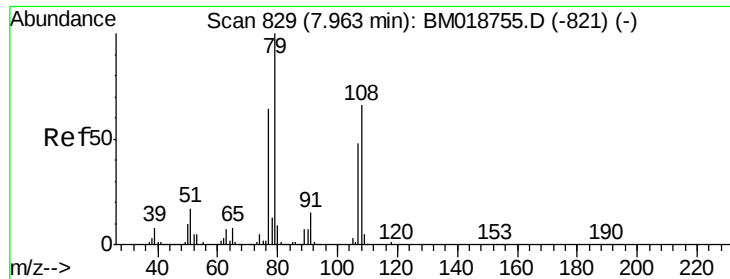
Delta R.T. -0.04 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 609402 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 50.7  | 76.1   |
| 111       | 44.8  | 35.9  | 53.9   |





#15

Benzyl Alcohol

Concen: 45.441 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

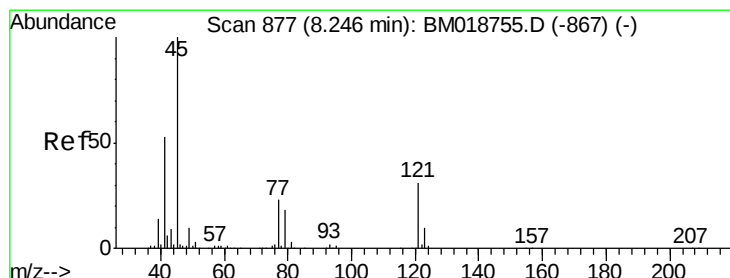
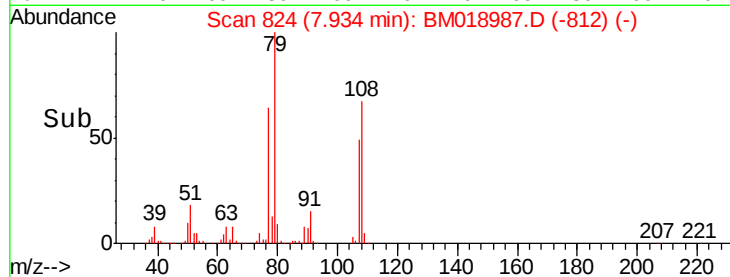
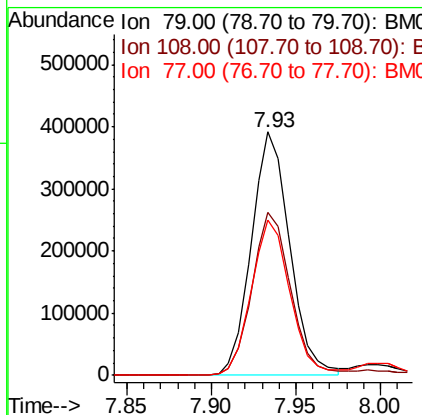
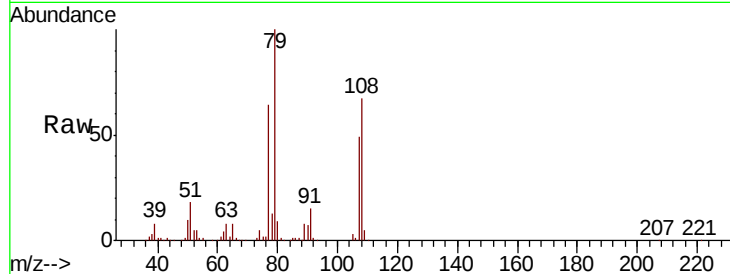
ClientSampleID :

PB117349BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 620400 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 66.8  | 52.7  | 79.1   |
| 77        | 63.8  | 51.0  | 76.4   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.822 ng

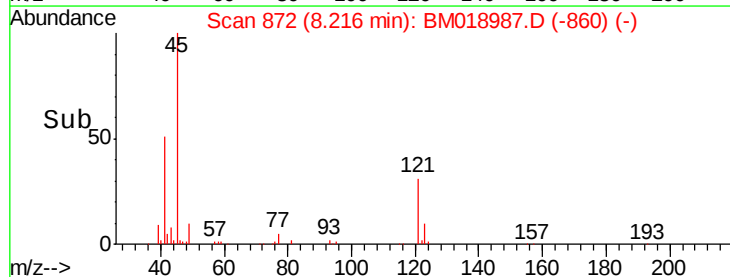
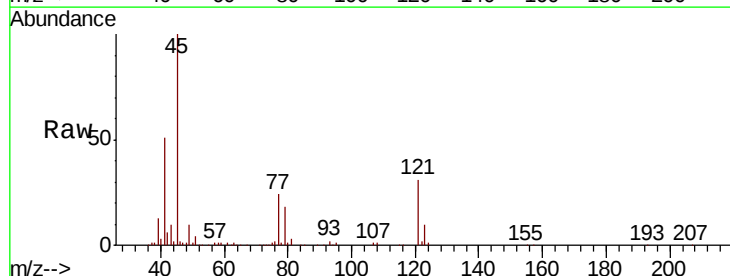
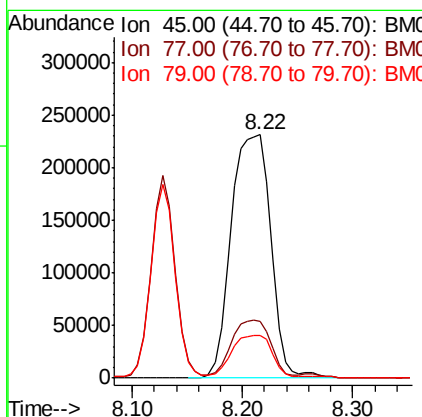
RT: 8.22 min Scan# 872

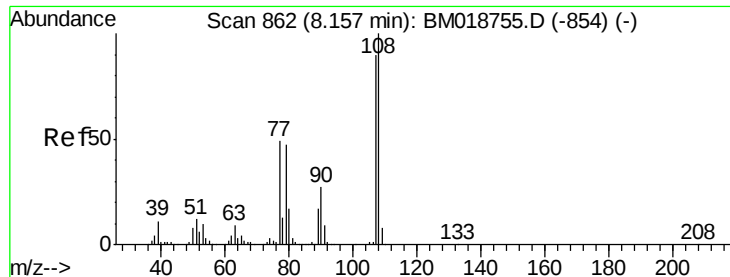
Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 584924 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 23.5  | 5.0   | 45.0   |
| 79        | 17.7  | 0.0   | 39.3   |





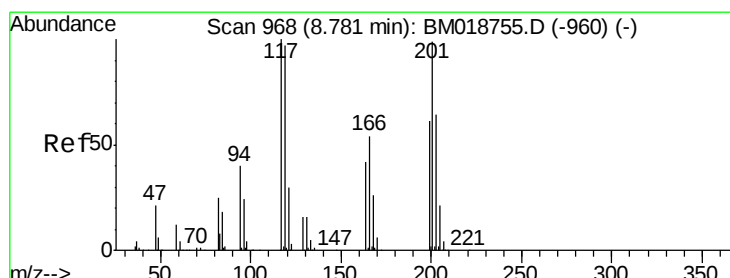
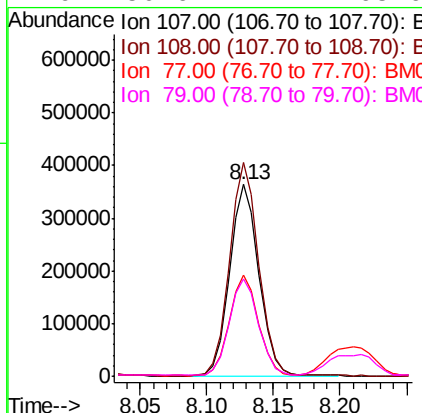
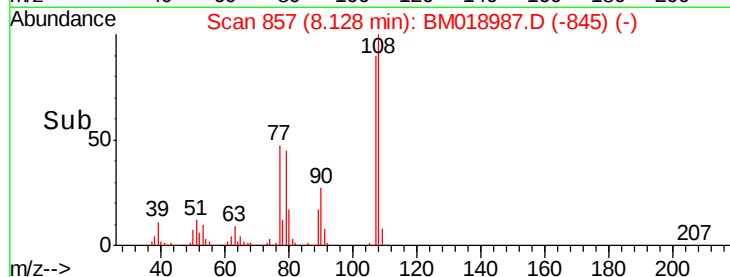
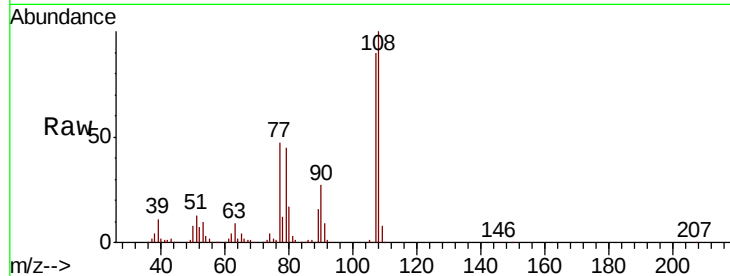
#17  
2-Methylphenol  
Concen: 48.324 ng  
RT: 8.13 min Scan# 857  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.4 | 88.8 | 133.2 |       |
| 77      | 52.8  | 44.0 | 66.0  |       |
| 79      | 50.6  | 42.4 | 63.6  |       |

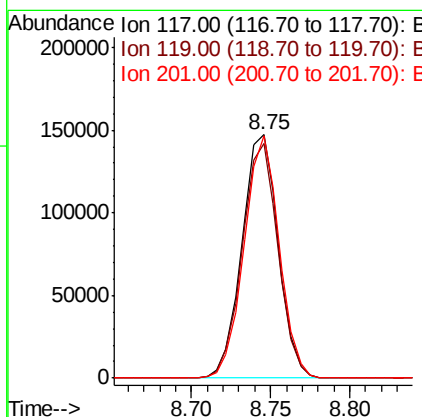
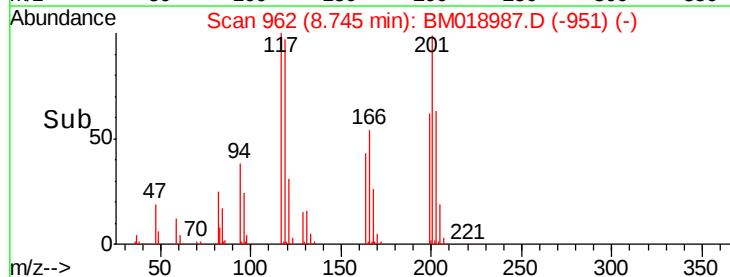
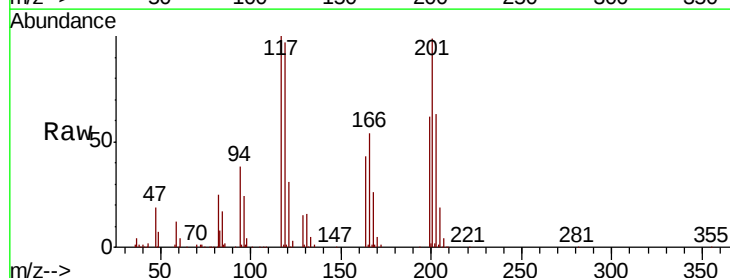
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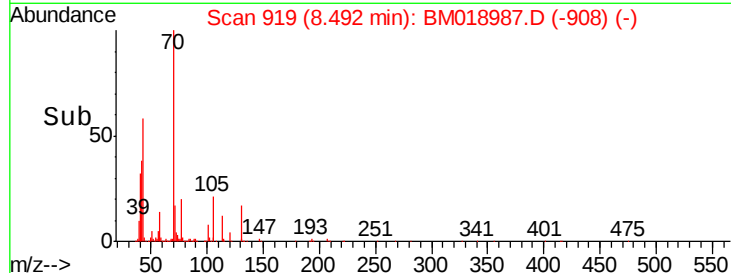
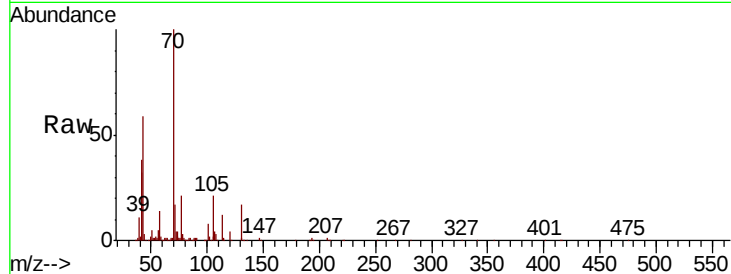
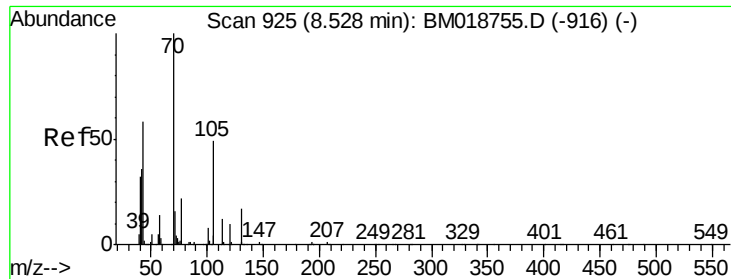
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#18  
Hexachloroethane  
Concen: 41.948 ng  
RT: 8.75 min Scan# 962  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.6  | 77.9 | 116.9 |       |
| 201     | 99.5  | 79.2 | 118.8 |       |





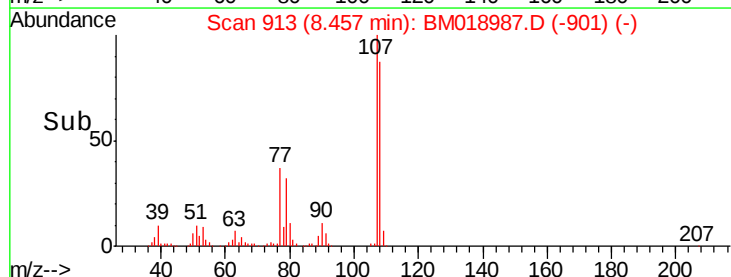
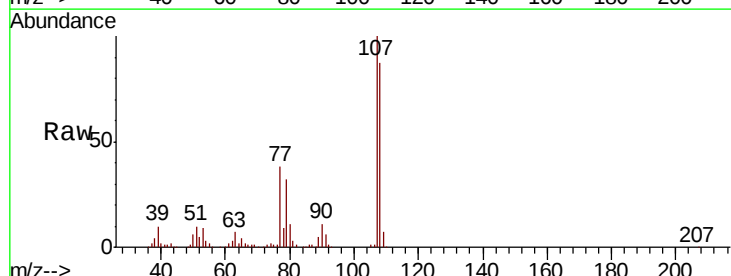
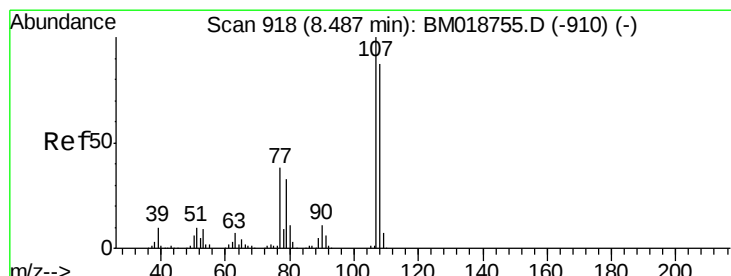
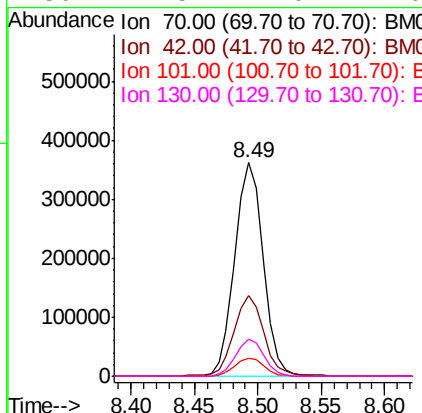
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.426 ng  
RT: 8.49 min Scan# 919  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 564430 |       |       |
| 42      | 37.7 | 29.4  | 44.0   |       |       |
| 101     | 8.5  | 6.7   | 10.1   |       |       |
| 130     | 17.5 | 14.0  | 21.0   |       |       |

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

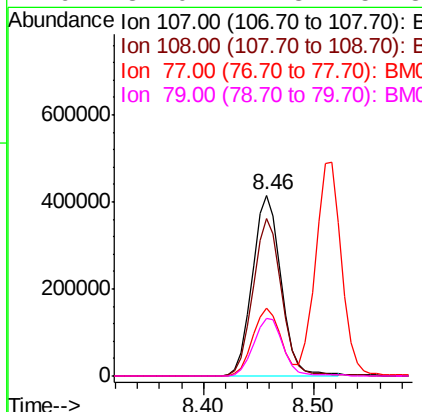
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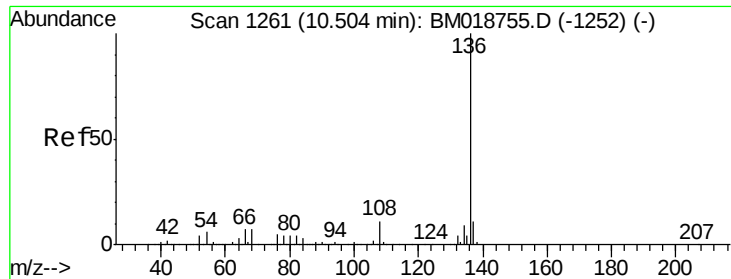
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#20  
3+4-Methylphenols  
Concen: 47.540 ng  
RT: 8.46 min Scan# 913  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 755380 |       |       |
| 108     | 87.4 | 67.3  | 107.3  |       |       |
| 77      | 37.5 | 18.0  | 58.0   |       |       |
| 79      | 32.0 | 12.8  | 52.8   |       |       |





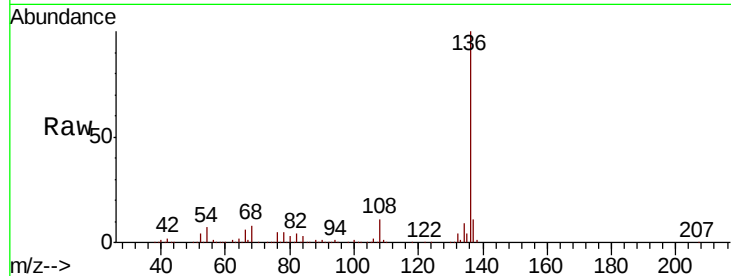
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.47 min Scan# 1255  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 853149 |       |       |
| 137     | 10.8  |        | 8.8   | 13.2  |
| 54      | 6.6   |        | 5.0   | 7.6   |
| 68      | 7.8   |        | 5.5   | 8.3   |

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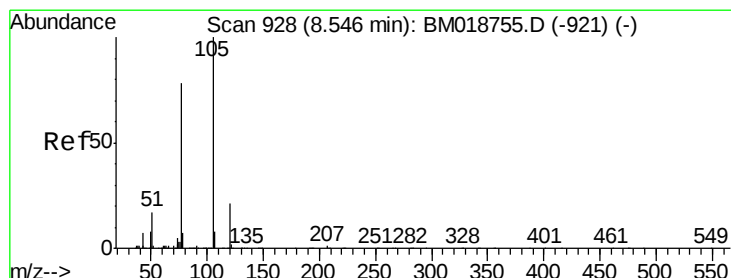
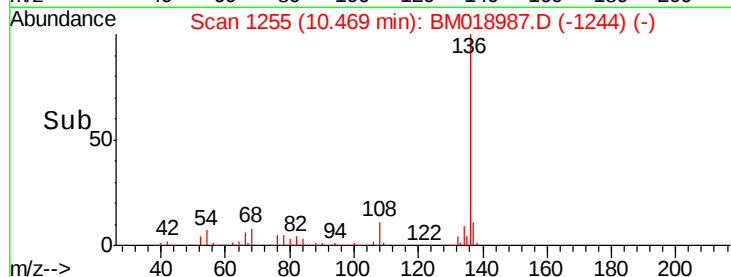
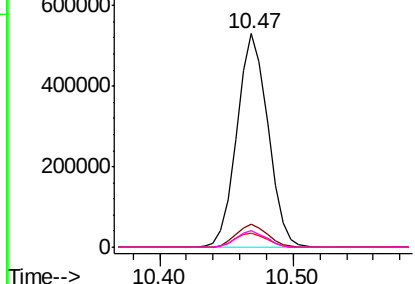
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22  
Acetophenone  
Concen: 39.368 ng  
RT: 8.52 min Scan# 923  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 922361 |       |       |
| 71      | 0.9   |        | 1.1   | 1.7#  |
| 51      | 19.6  |        | 15.5  | 23.3  |
| 120     | 20.7  |        | 17.0  | 25.4  |

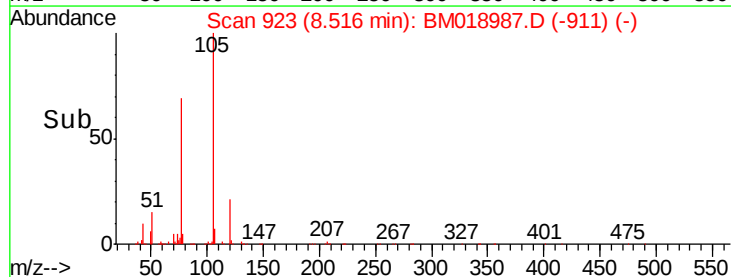
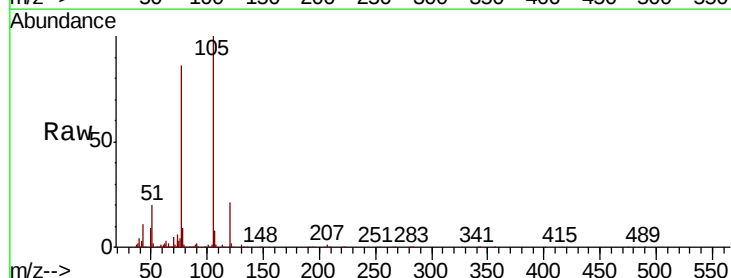
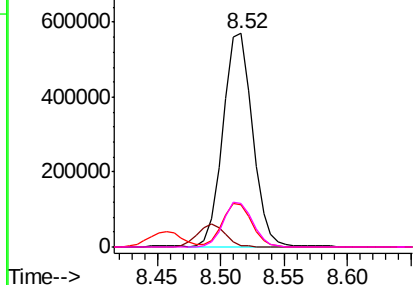
Abundance

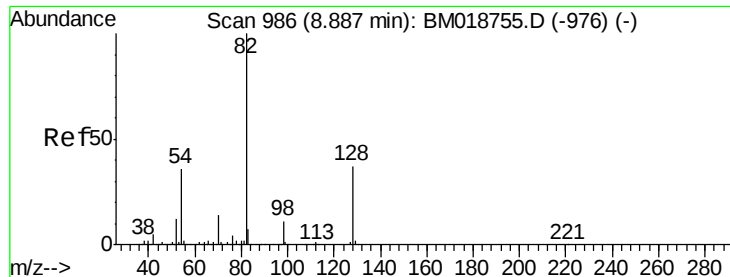
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





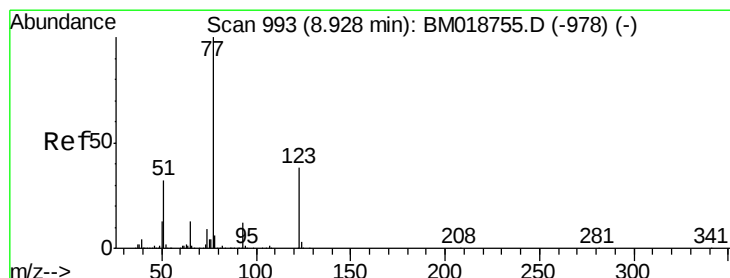
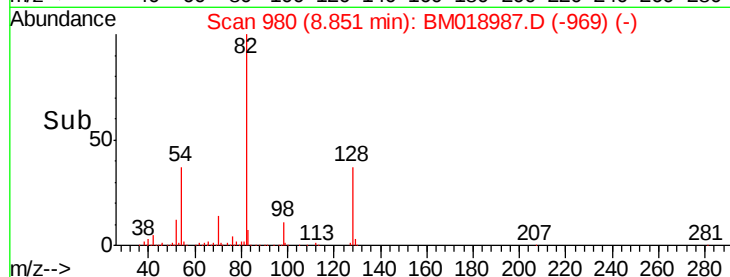
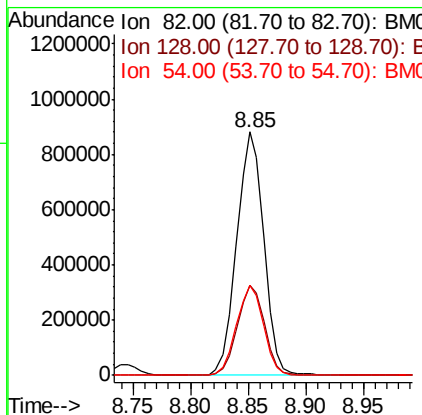
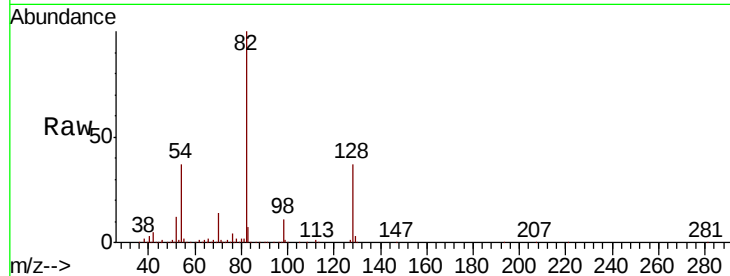
#23  
 Nitrobenzene-d5  
 Concen: 77.542 ng  
 RT: 8.85 min Scan# 980  
 Delta R.T. -0.04 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117349BSD

| Tot Ion | 82    | Resp  | 1430724 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 82      | 100   |       |         |
| 128     | 36.7  | 29.9  | 44.9    |
| 54      | 36.8  | 29.1  | 43.7    |

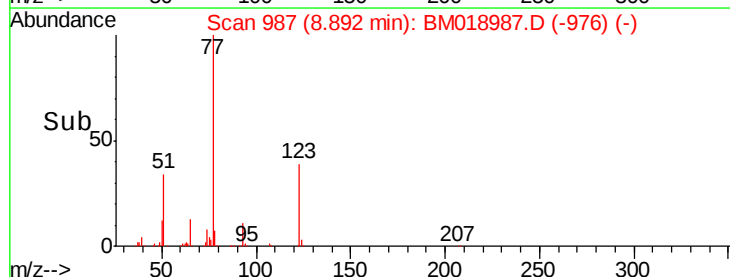
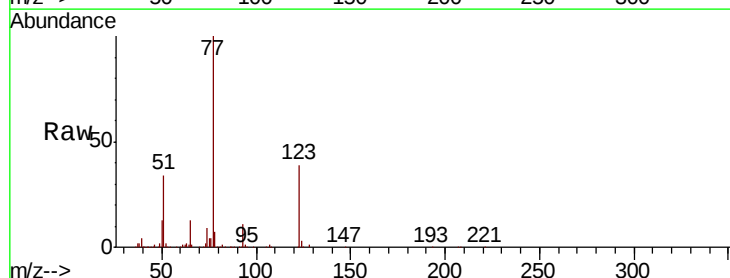
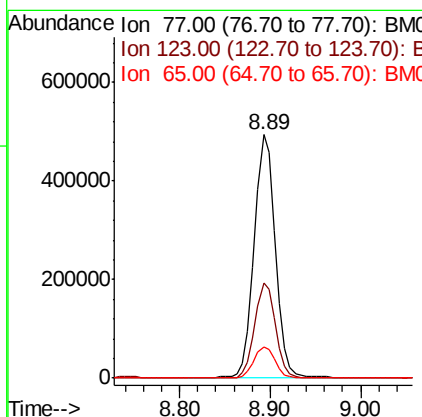
Manual Integrations  
 APPROVED

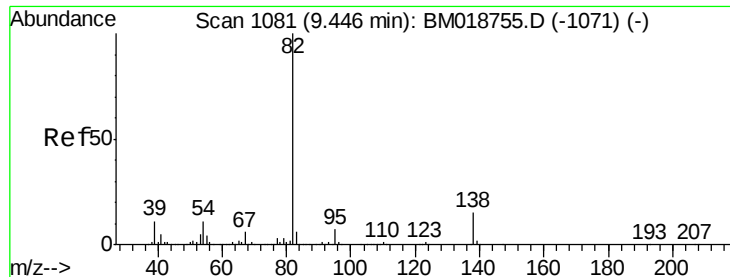
Sohil  
 3/4/2019 12:47:37 PM



#24  
 Nitrobenzene  
 Concen: 41.564 ng  
 RT: 8.89 min Scan# 987  
 Delta R.T. -0.04 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

| Tgt Ion | 77    | Resp  | 796038 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 77      | 100   |       |        |
| 123     | 39.1  | 30.7  | 46.1   |
| 65      | 12.8  | 10.5  | 15.7   |





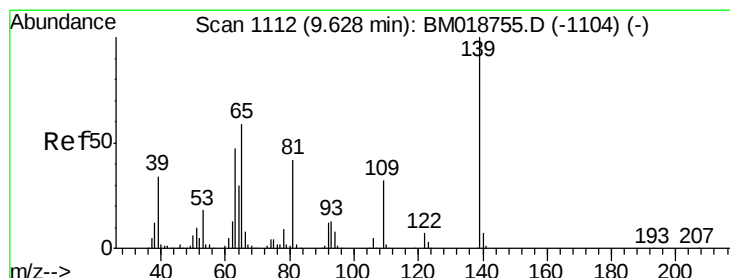
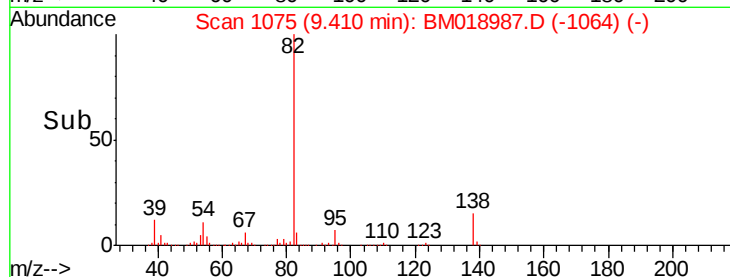
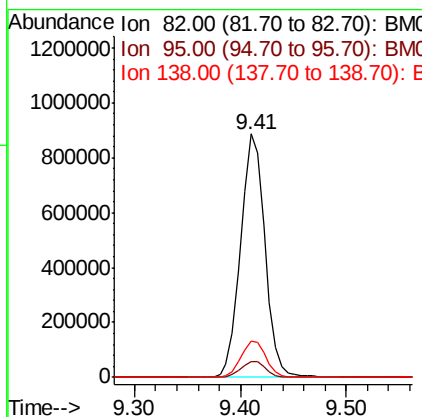
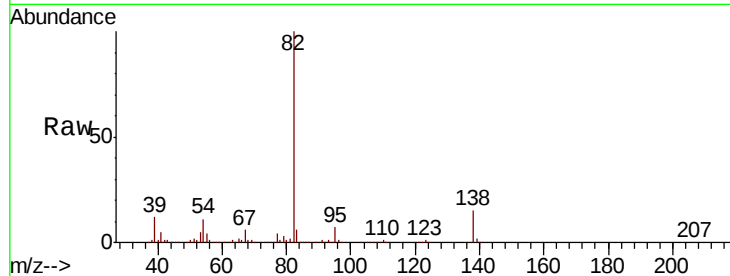
#25  
Isophorone  
Concen: 48.061 ng  
RT: 9.41 min Scan# 1075  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.6   | 5.7   | 8.5   |
| 138     | 15.0  | 12.3  | 18.5  |

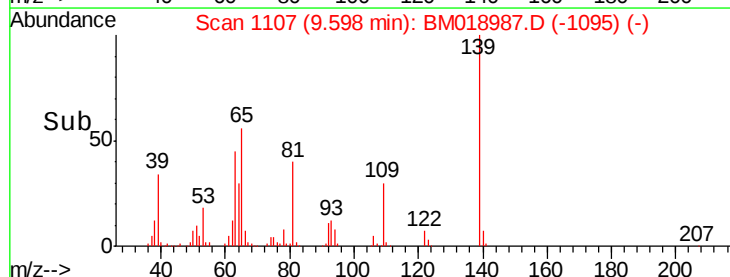
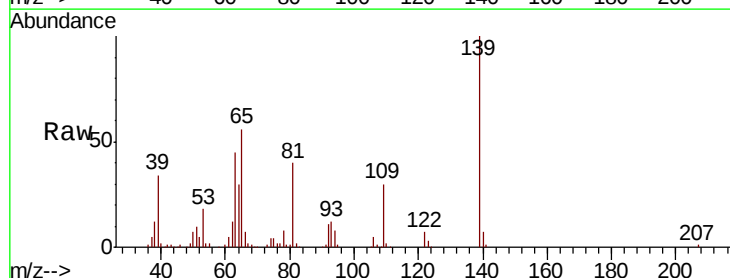
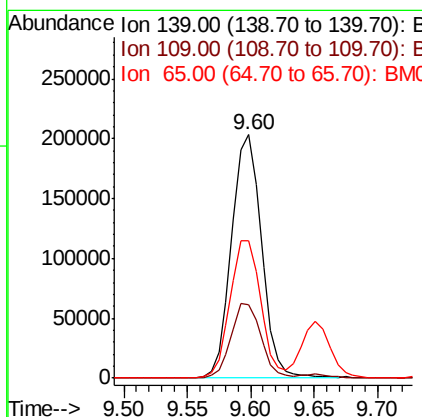
Manual Integrations  
APPROVED

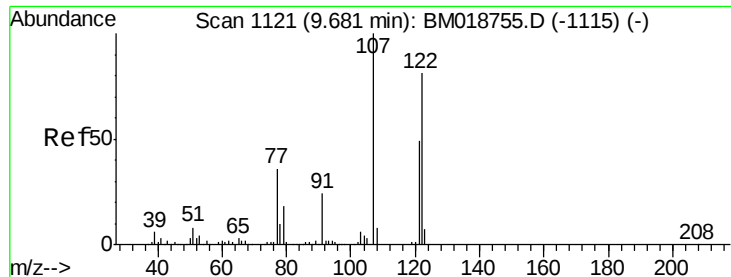
Sohil  
3/4/2019 12:47:37 PM



#26  
2-Nitrophenol  
Concen: 43.925 ng  
RT: 9.60 min Scan# 1107  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 29.9  | 25.2  | 37.8  |
| 65      | 56.4  | 47.0  | 70.4  |





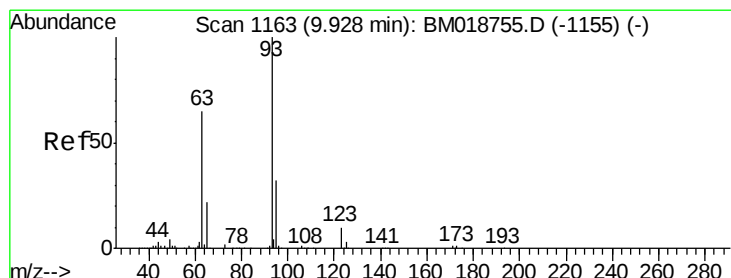
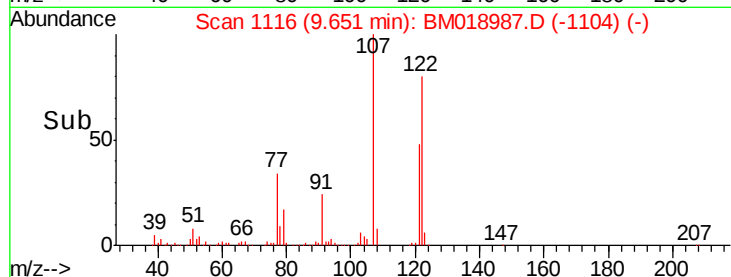
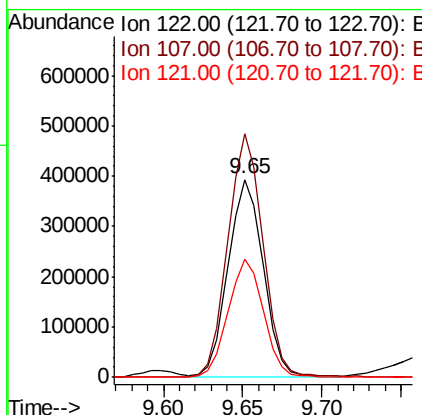
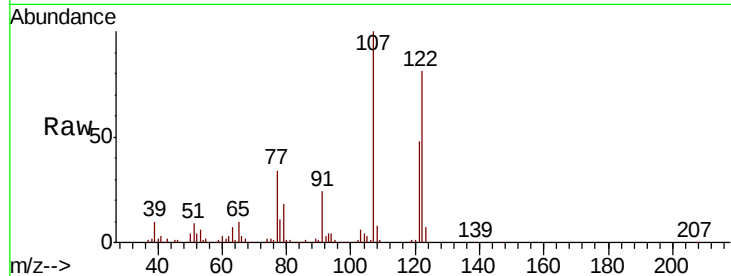
#27  
2,4-Dimethylphenol  
Concen: 53.824 ng  
RT: 9.65 min Scan# 1116  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 599595 |       |       |
| 107     | 123.2 | 97.6   | 146.4 |       |
| 121     | 59.6  | 47.9   | 71.9  |       |

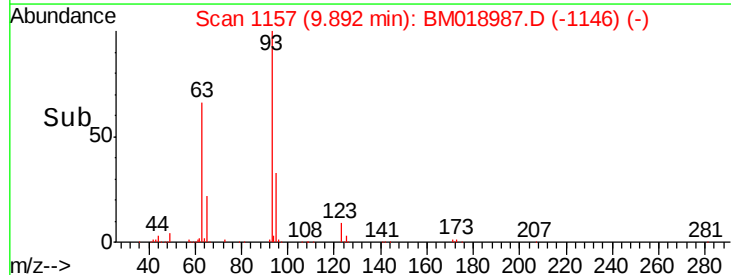
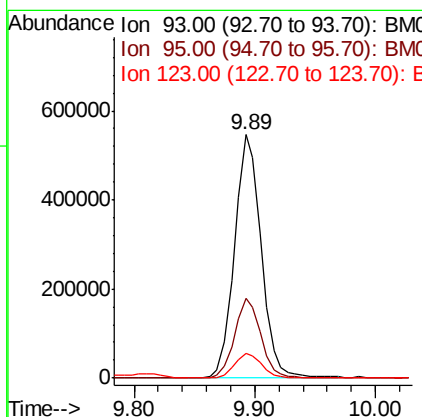
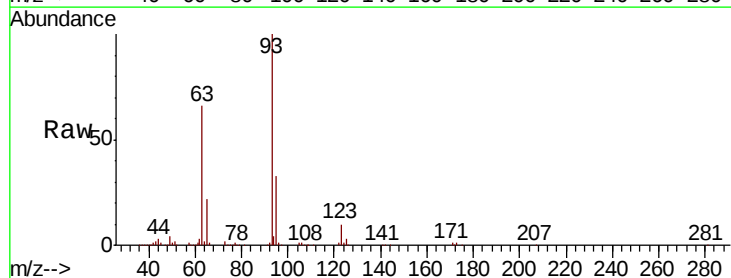
Manual Integrations  
APPROVED

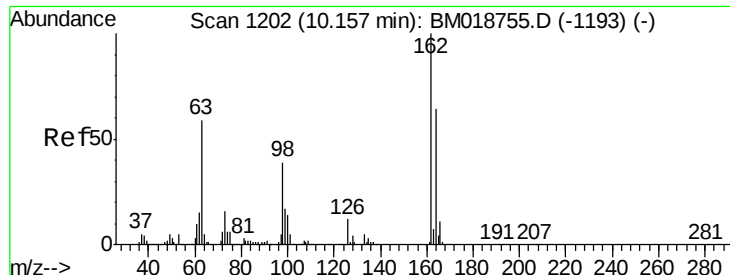
Sohil  
3/4/2019 12:47:37 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.299 ng  
RT: 9.89 min Scan# 1157  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 843368 |       |       |
| 95      | 32.6  | 25.6   | 38.4  |       |
| 123     | 10.1  | 8.2    | 12.4  |       |





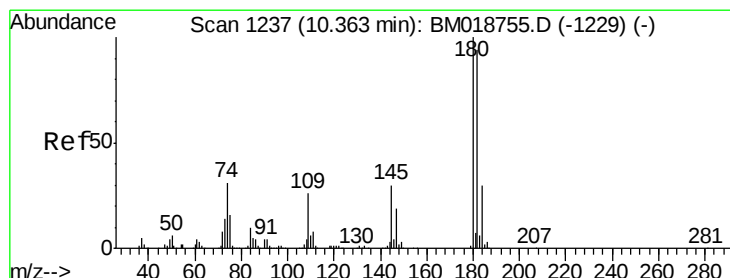
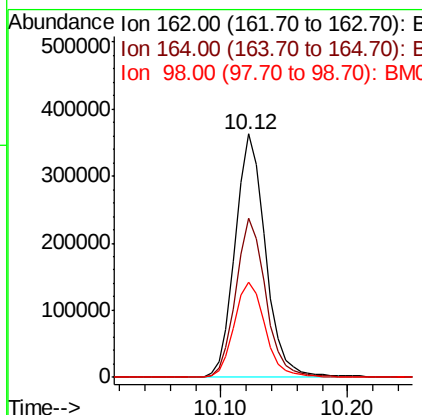
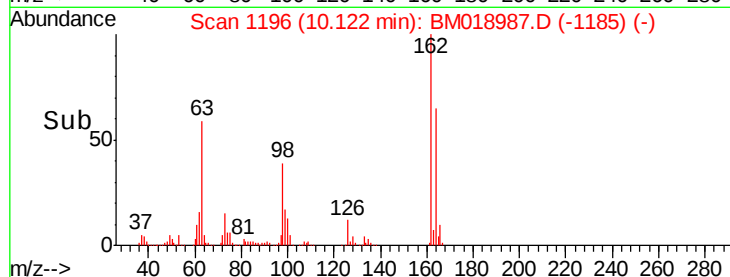
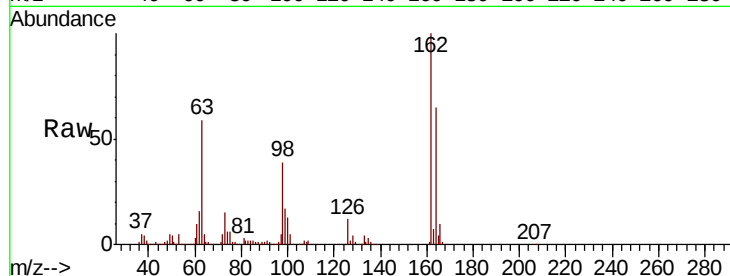
#29  
2,4-Dichlorophenol  
Concen: 46.993 ng  
RT: 10.12 min Scan# 1196  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 65.4  | 44.1       | 84.1  |
| 98      | 38.9  | 19.4       | 59.4  |

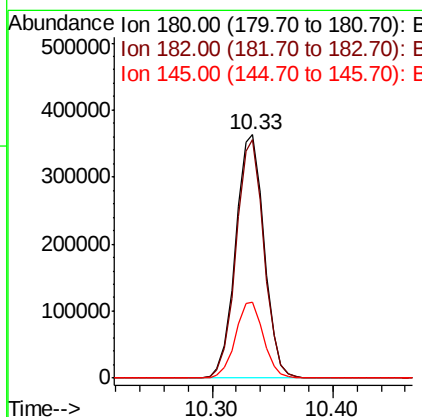
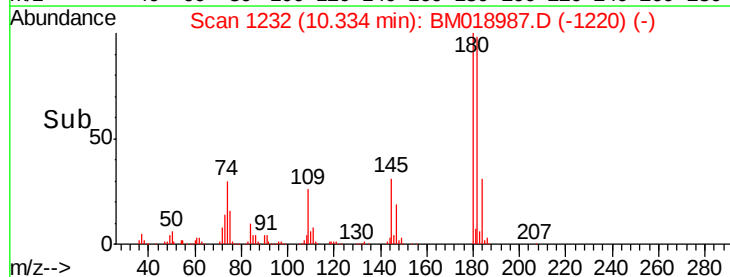
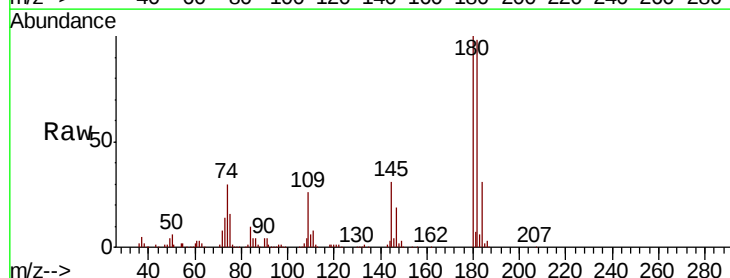
Manual Integrations  
APPROVED

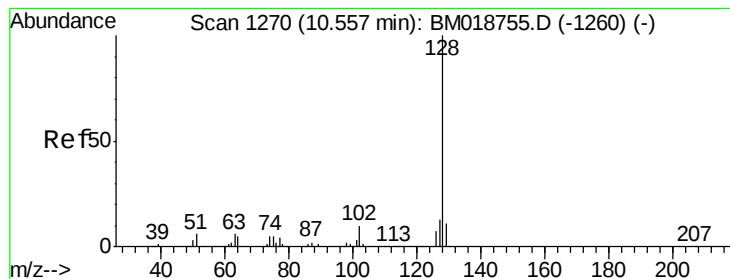
Sohil  
3/4/2019 12:47:37 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 40.530 ng  
RT: 10.33 min Scan# 1232  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 97.8  | 75.0       | 112.6 |
| 145     | 31.1  | 24.1       | 36.1  |





#31

Naphthalene

Concen: 44.469 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.04 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

ClientSampleId :

PB117349BSD

Tot Ion:128 Resp: 1850320

Ion Ratio Lower Upper

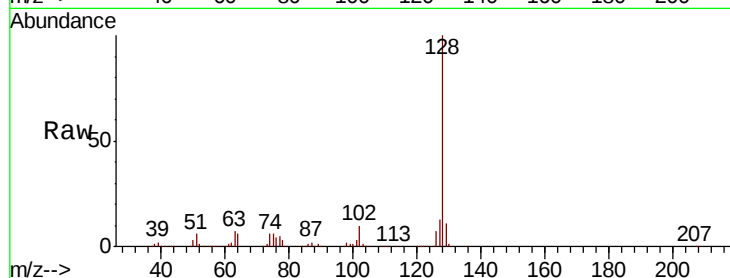
128 100

129 10.8 9.0 13.4

127 13.0 10.7 16.1

Manual Integrations  
APPROVED

Sohil  
3/4/2019 12:47:37 PM

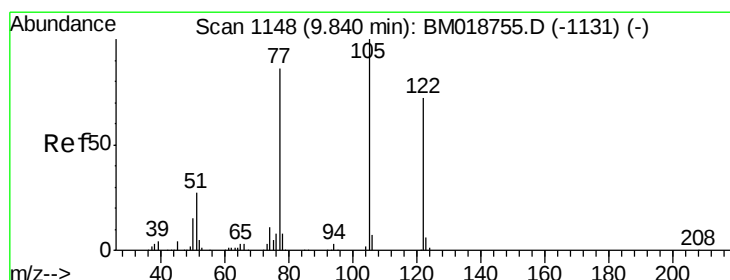
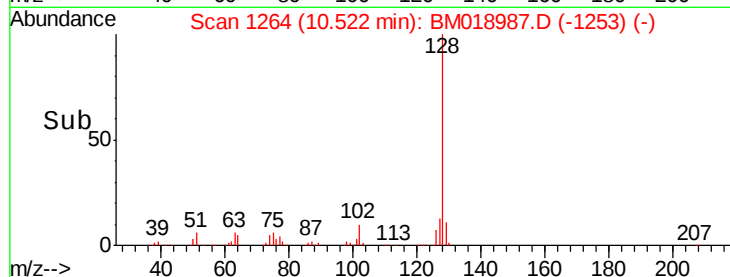
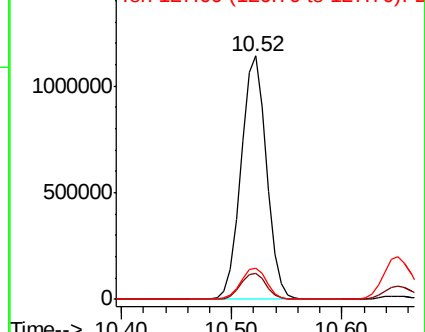


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.370 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

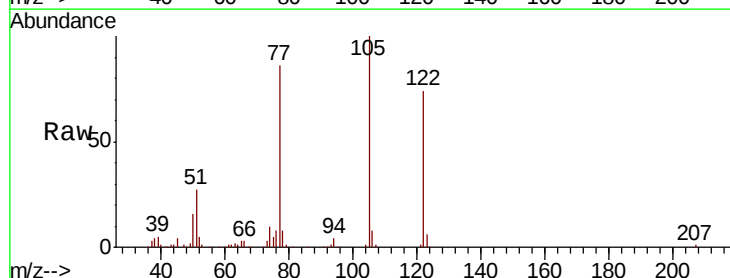
Tgt Ion:122 Resp: 402004

Ion Ratio Lower Upper

122 100

105 134.8 117.5 157.5

77 115.8 98.5 138.5

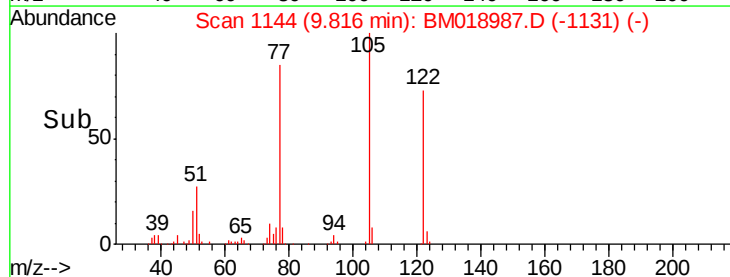
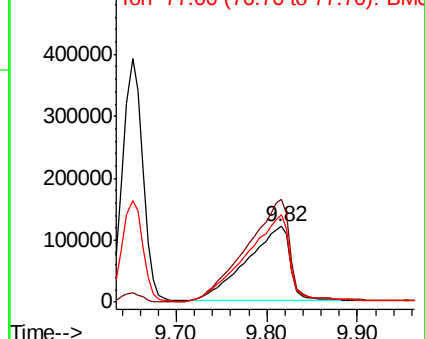


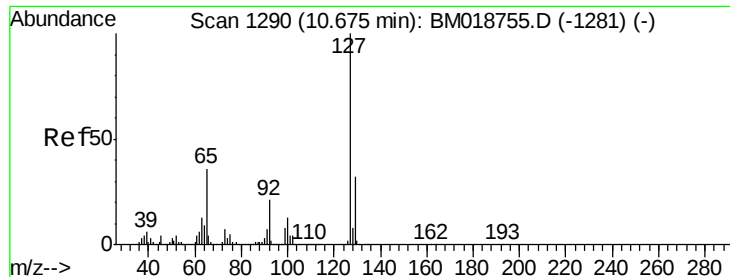
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





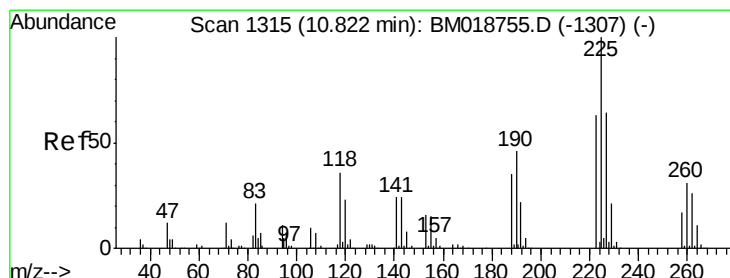
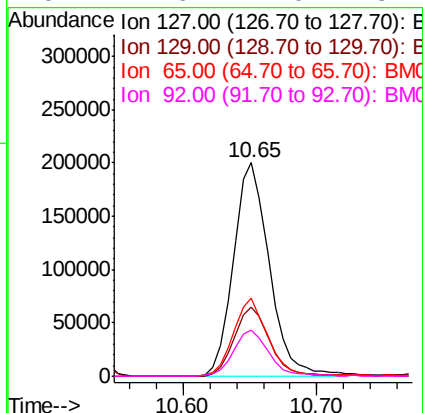
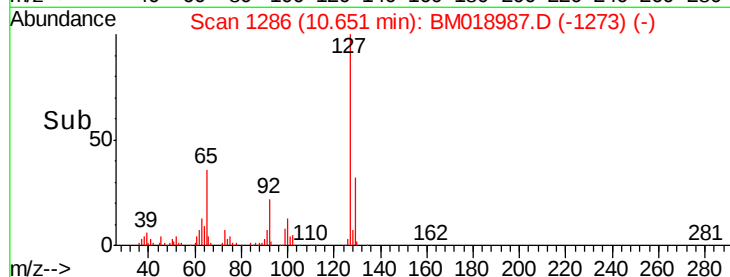
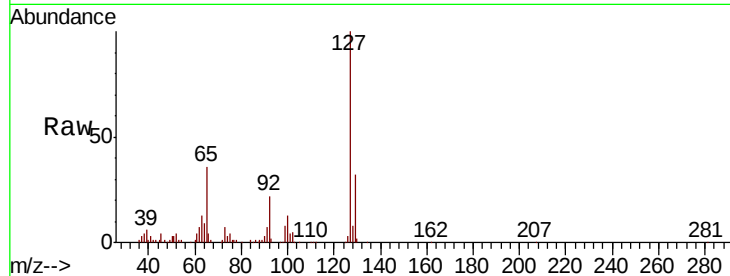
#33  
4-Chloroaniline  
Concen: 20.073 ng  
RT: 10.65 min Scan# 1286  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 127   | Resp: | 373349 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.3  | 25.7  | 38.5   |
| 65        | 36.5  | 28.7  | 43.1   |
| 92        | 21.6  | 17.0  | 25.4   |

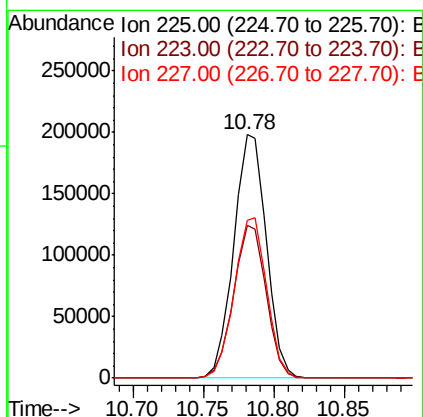
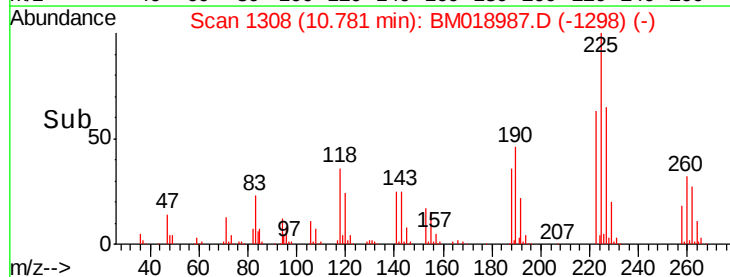
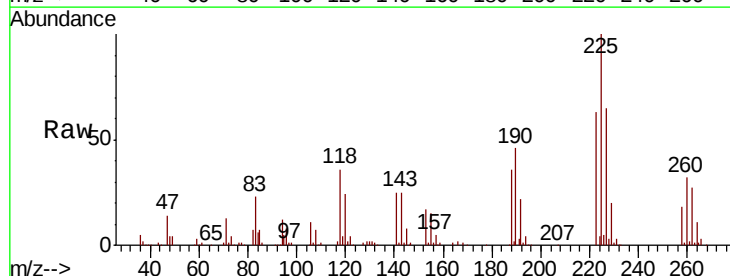
Manual Integrations  
APPROVED

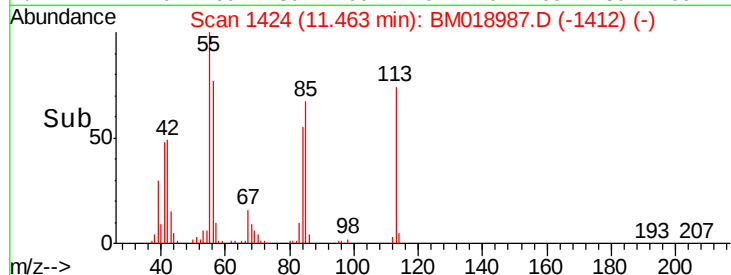
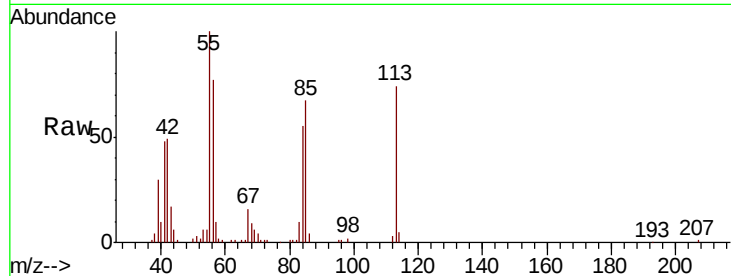
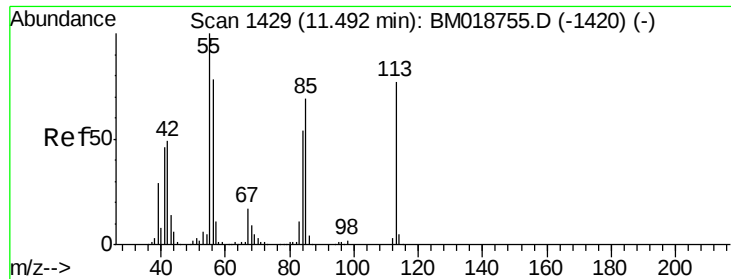
Sohil  
3/4/2019 12:47:37 PM



#34  
Hexachlorobutadiene  
Concen: 37.296 ng  
RT: 10.78 min Scan# 1308  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 319788 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.9  | 50.1  | 75.1   |
| 227       | 64.8  | 51.4  | 77.0   |





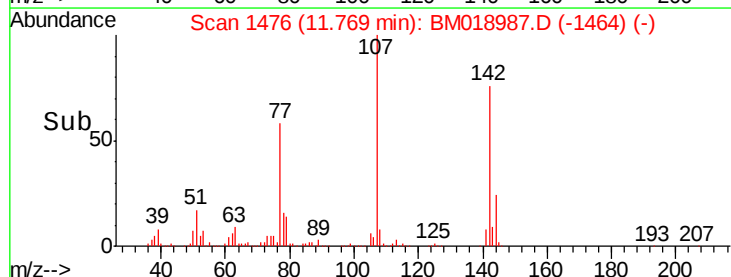
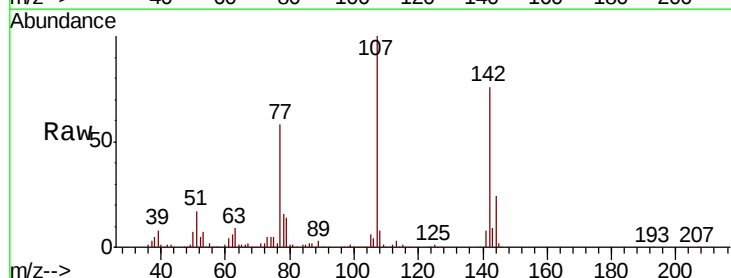
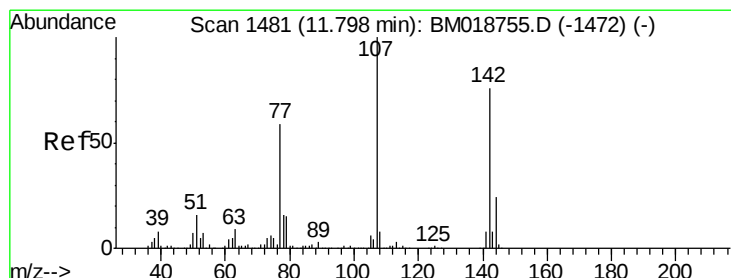
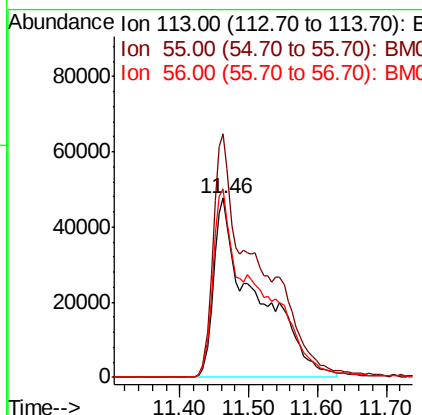
#35  
Caprolactam  
Concen: 38.990 ng/ml  
RT: 11.46 min Scan# 1424  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 135.9 | 110.7 | 150.7 |
| 56      | 105.0 | 82.4  | 122.4 |

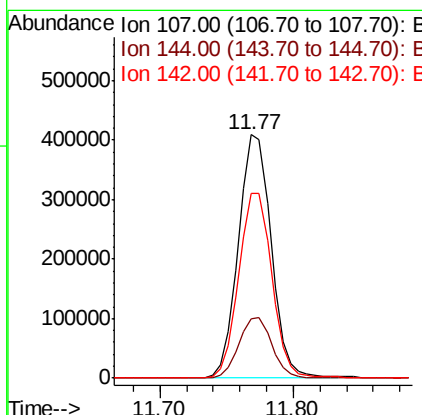
Manual Integrations  
APPROVED

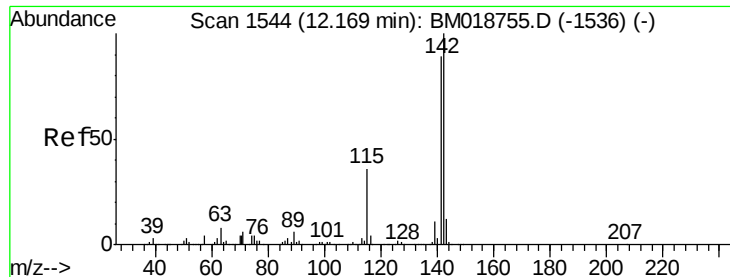
Sohil  
3/4/2019 12:47:37 PM



#36  
4-Chloro-3-methylphenol  
Concen: 45.405 ng  
RT: 11.77 min Scan# 1476  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.2  | 19.3  | 28.9  |
| 142     | 76.0  | 60.5  | 90.7  |





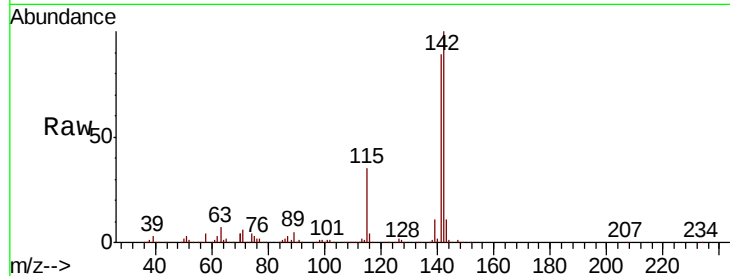
#37  
2-Methylnaphthalene  
Concen: 47.425 ng  
RT: 12.14 min Scan# 1539  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 71.2  | 106.8 |
| 115     | 35.0  | 29.1  | 43.7  |

Manual Integrations  
APPROVED

Sohil  
3/4/2019 12:47:37 PM

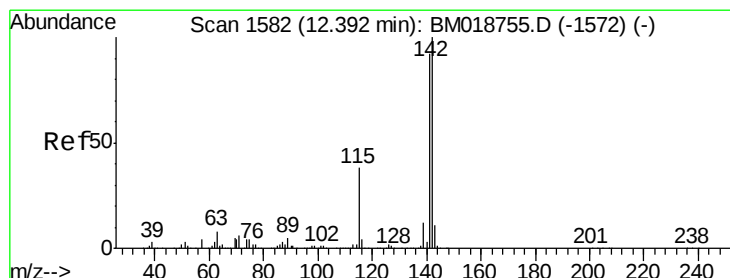
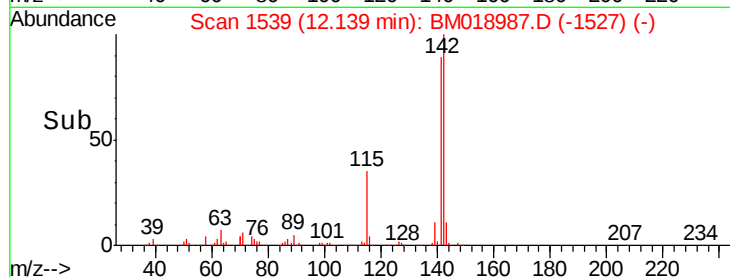
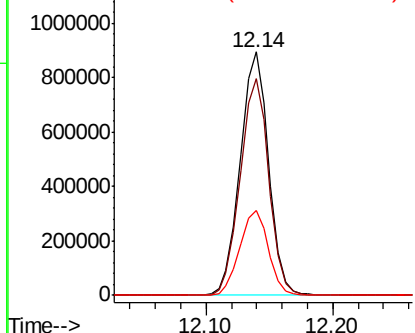


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 46.194 ng  
RT: 12.36 min Scan# 1577  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

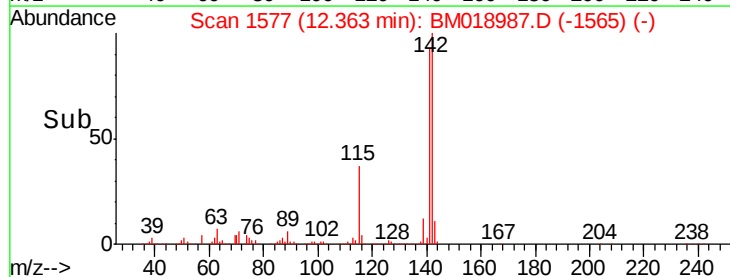
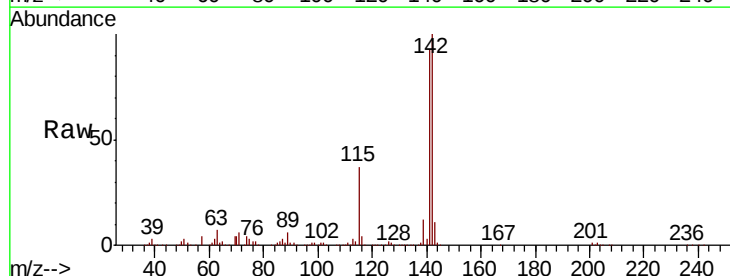
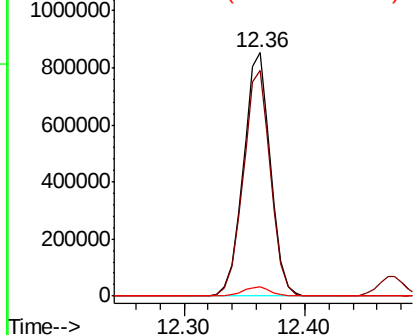
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.6  | 73.9  | 110.9 |
| 116     | 3.8   | 3.0   | 4.4   |

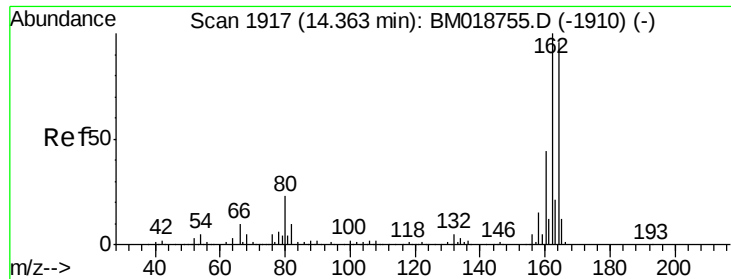
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





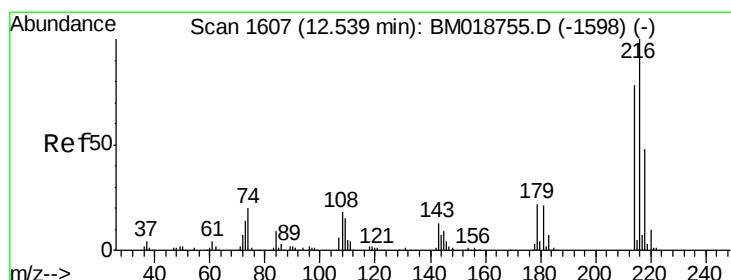
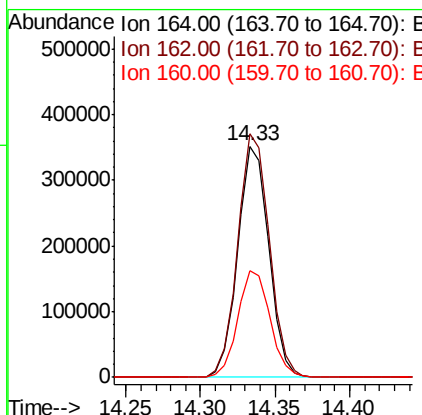
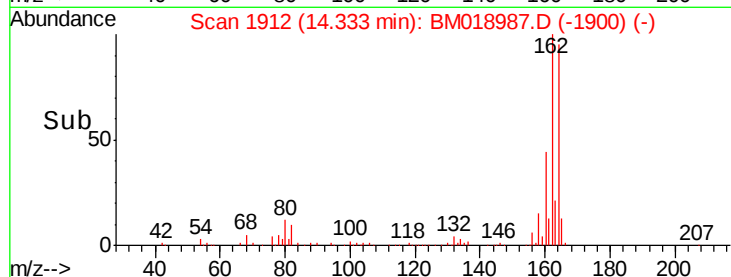
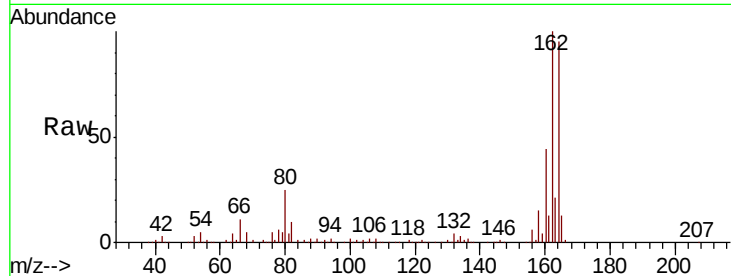
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.33 min Scan# 1912  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.3 | 83.4  | 125.0 |
| 160     | 46.0  | 36.6  | 55.0  |

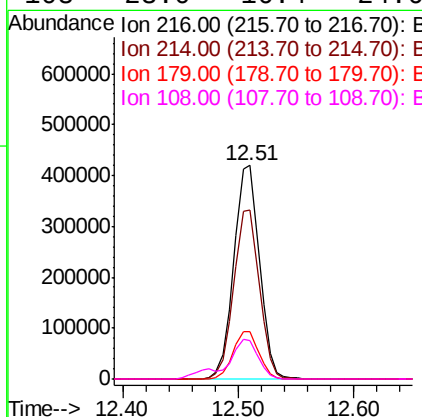
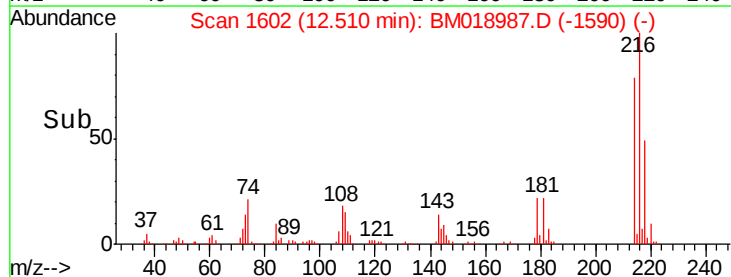
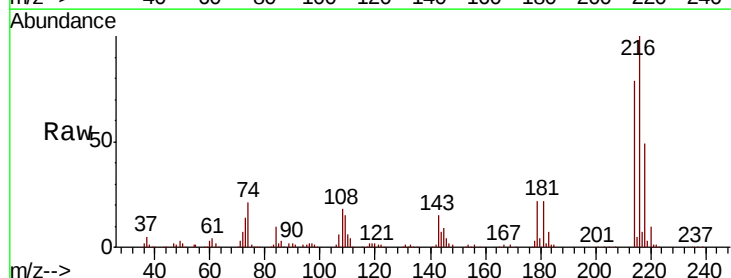
Manual Integrations  
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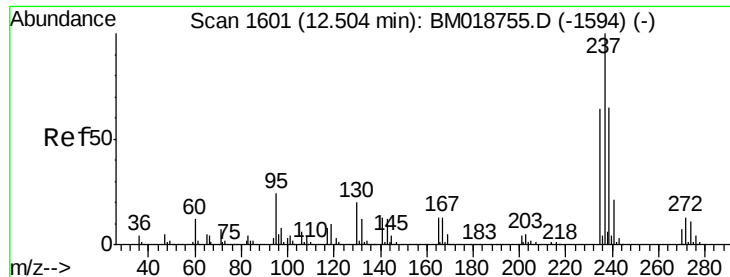
Sohil  
3/4/2019 12:47:37 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.657 ng  
RT: 12.51 min Scan# 1602  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.2  | 63.2  | 94.8  |
| 179     | 22.6  | 17.8  | 26.8  |
| 108     | 23.0  | 16.4  | 24.6  |





#41

Hexachlorocyclopentadiene

Concen: 100.846 ng

RT: 12.47 min Scan# 1596

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

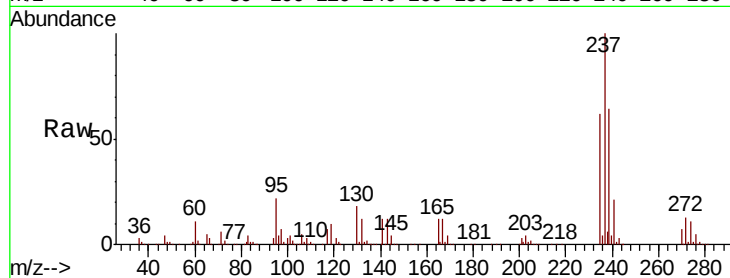
ClientSampleId :

PB117349BSD

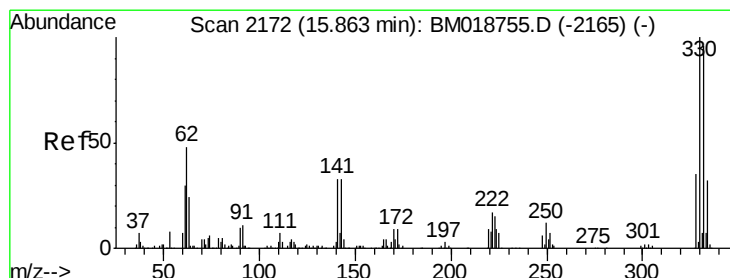
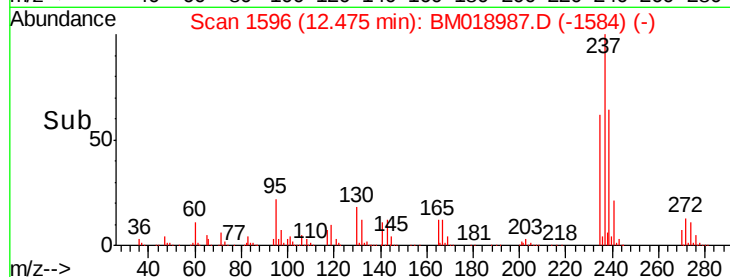
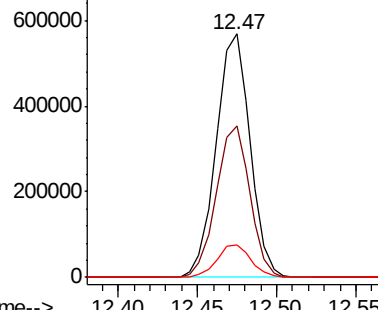
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 841435 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.0  | 43.7  | 83.7   |
| 272       | 13.5  | 0.0   | 33.3   |

Manual Integrations  
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3/4/2019 12:47:37 PM



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



#42

2,4,6-Tribromophenol

Concen: 137.920 ng

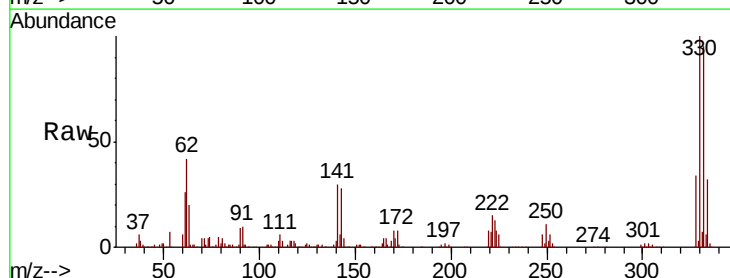
RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

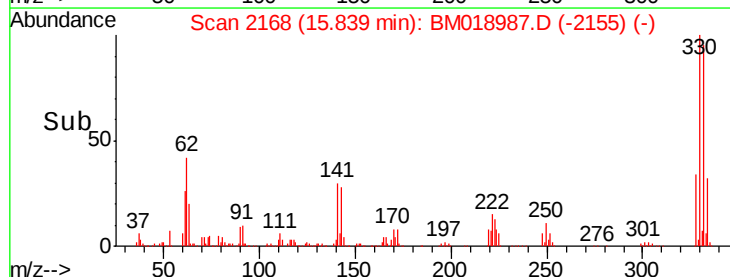
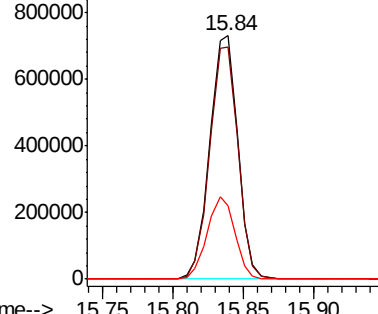
Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 330   | Resp: | 1014249 |
| Ion Ratio | Lower | Upper |         |
| 330       | 100   |       |         |
| 332       | 96.3  | 76.9  | 115.3   |
| 141       | 33.7  | 28.7  | 43.1    |



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





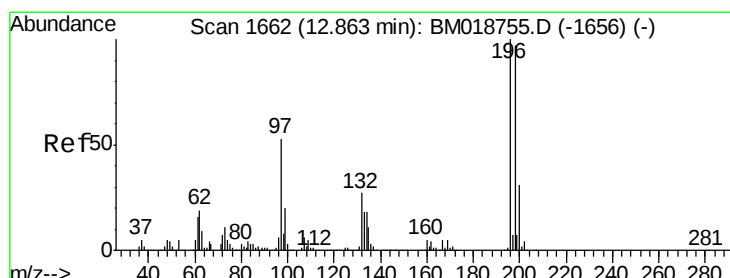
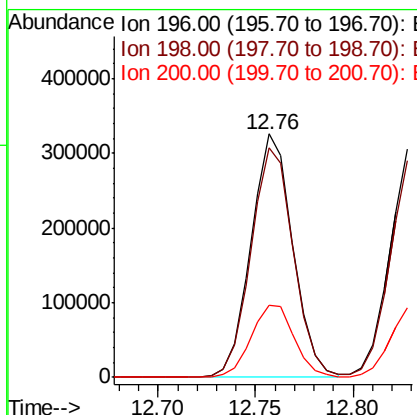
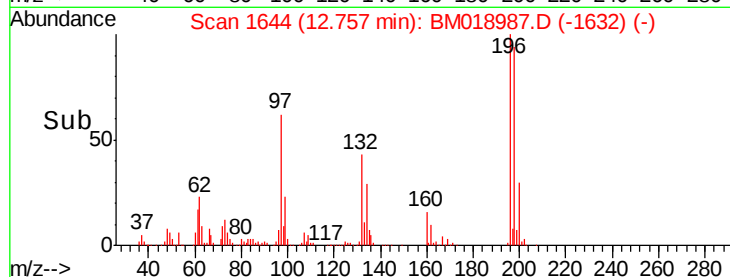
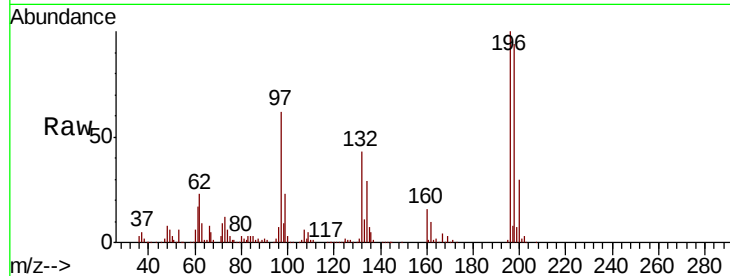
#43  
2,4,6-Trichlorophenol  
Concen: 44.727 ng  
RT: 12.76 min Scan# 1644  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 483209 |       |       |
| 198     | 94.2  | 76.2   | 114.2 |       |
| 200     | 29.7  | 24.2   | 36.2  |       |

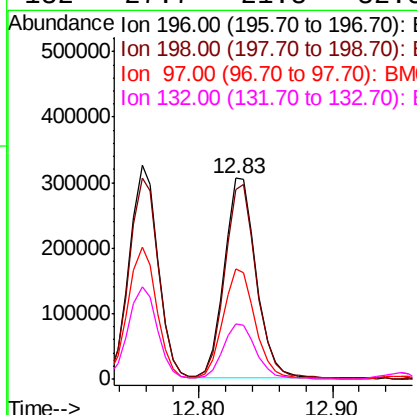
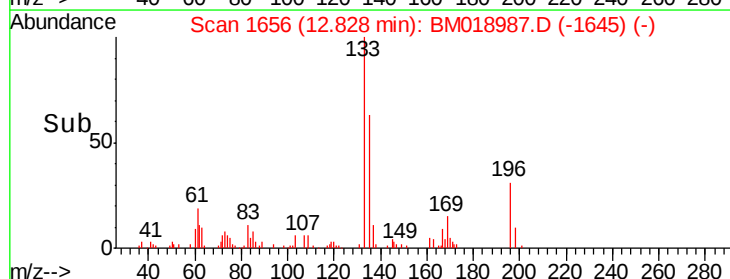
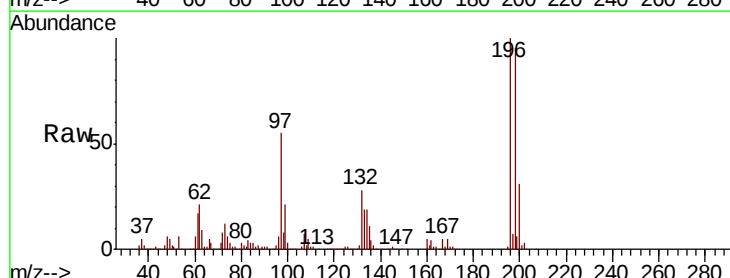
Manual Integrations  
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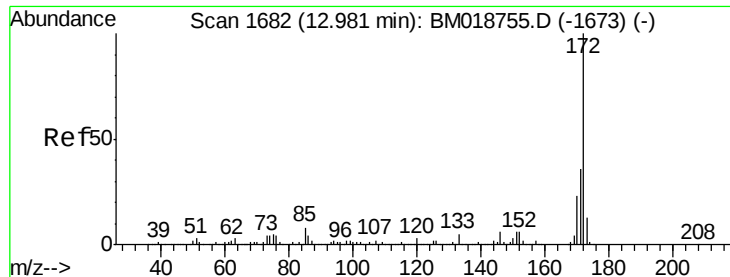
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3/4/2019 12:47:37 PM



#44  
2,4,5-Trichlorophenol  
Concen: 45.129 ng  
RT: 12.83 min Scan# 1656  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 511026 |       |       |
| 198     | 94.7  | 77.6   | 116.4 |       |
| 97      | 54.9  | 42.8   | 64.2  |       |
| 132     | 27.7  | 21.8   | 32.8  |       |





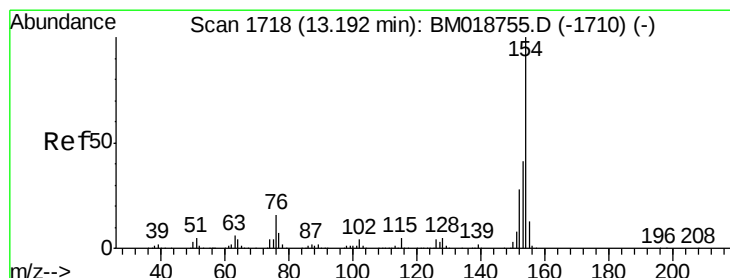
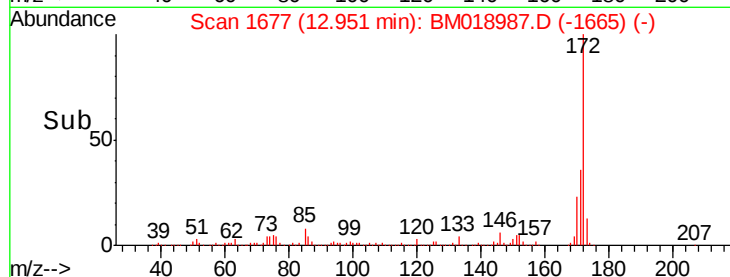
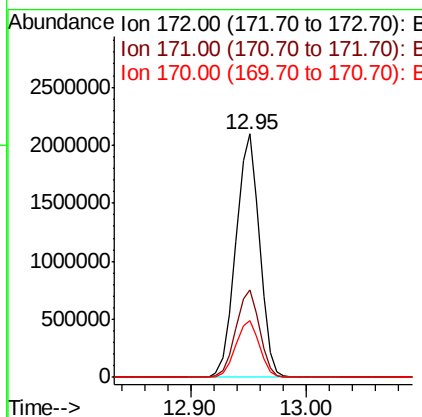
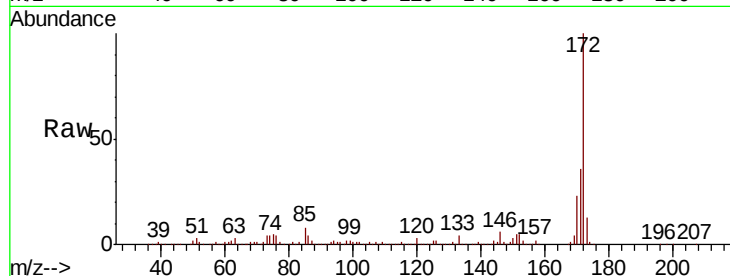
#45  
2-Fluorobiphenyl  
Concen: 77.302 ng  
RT: 12.95 min Scan# 1677  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampled :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.0  | 43.6  |
| 170     | 23.3  | 18.6  | 28.0  |

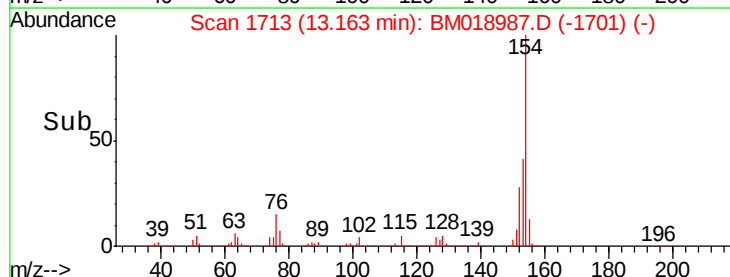
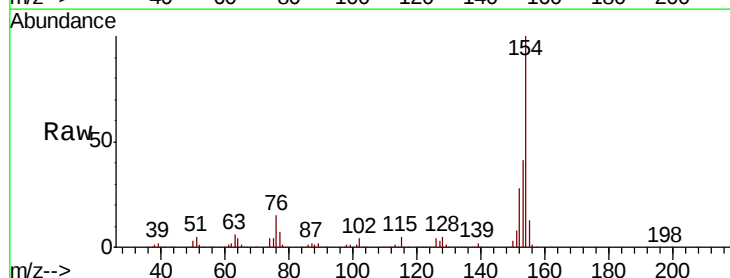
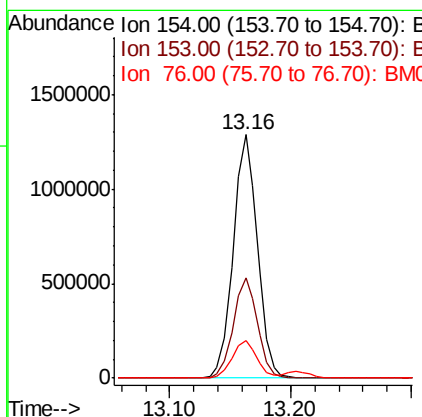
Manual Integrations  
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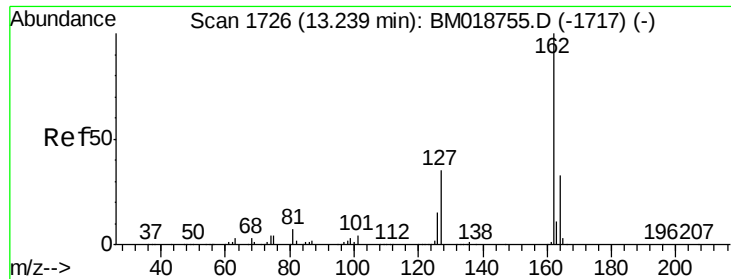
Sohil  
3/4/2019 12:47:37 PM



#46  
1,1'-Biphenyl  
Concen: 40.904 ng  
RT: 13.16 min Scan# 1713  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 21.1  | 61.1  |
| 76      | 15.2  | 0.0   | 35.7  |





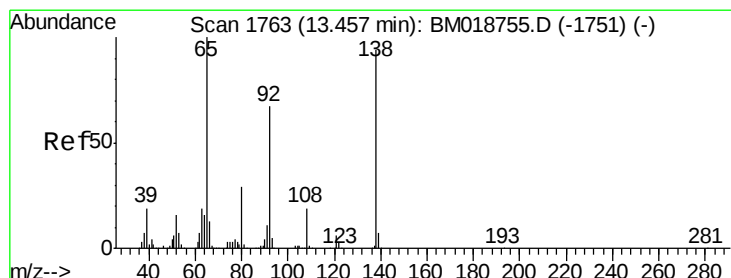
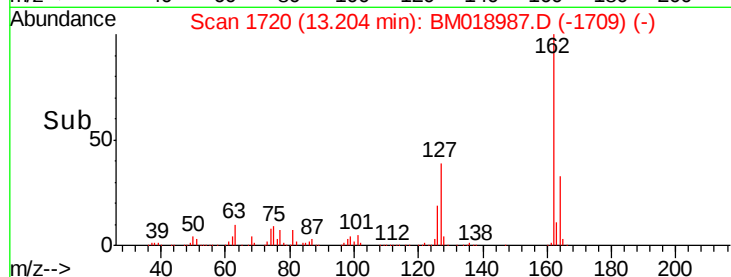
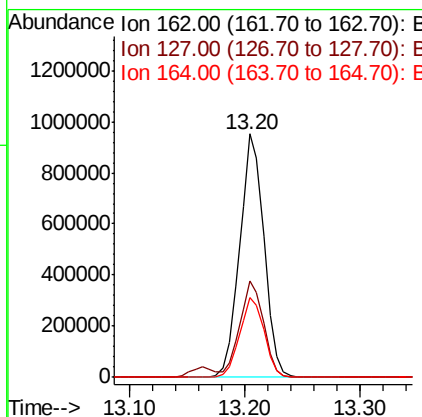
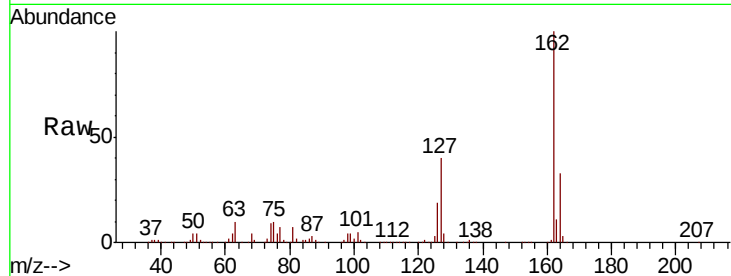
#47  
2-Chloronaphthalene  
Concen: 40.916 ng  
RT: 13.20 min Scan# 1720  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.6  | 31.1  | 46.7  |
| 164     | 32.7  | 26.4  | 39.6  |

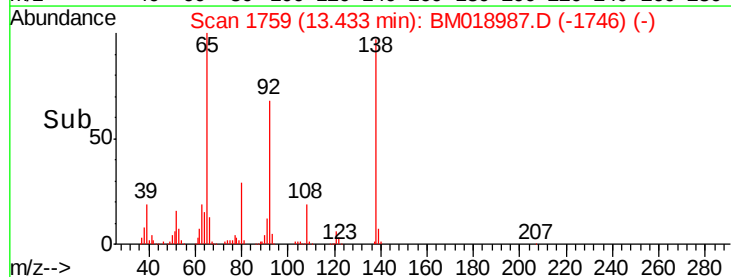
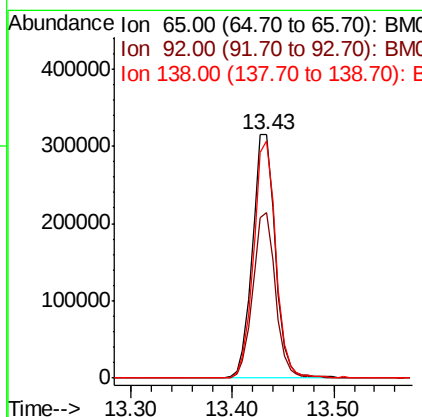
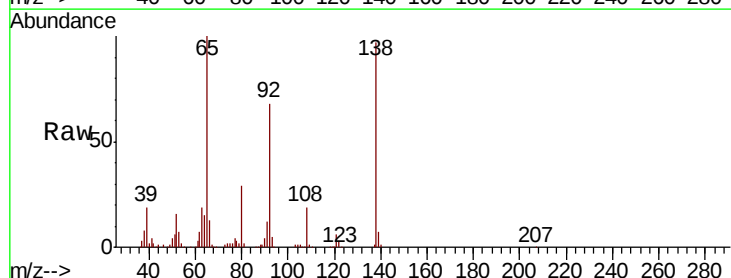
Manual Integrations  
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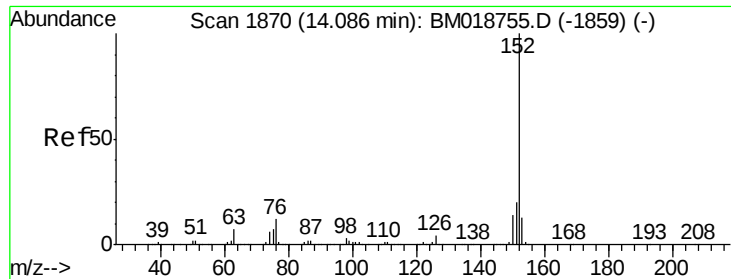
Sohil  
3/4/2019 12:47:37 PM



#48  
2-Nitroaniline  
Concen: 43.858 ng  
RT: 13.43 min Scan# 1759  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.0  | 54.0  | 81.0  |
| 138     | 97.2  | 74.9  | 112.3 |





#49

Acenaphthylene

Concen: 45.508 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

ClientSampleId :

PB117349BSD

Tot Ion:152 Resp: 2298359

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

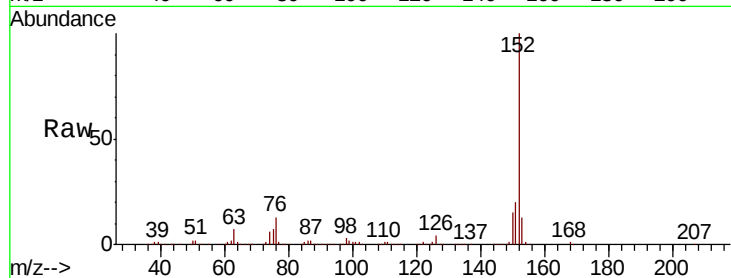
153 13.2 10.5 15.7

Manual Integrations

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Sohil

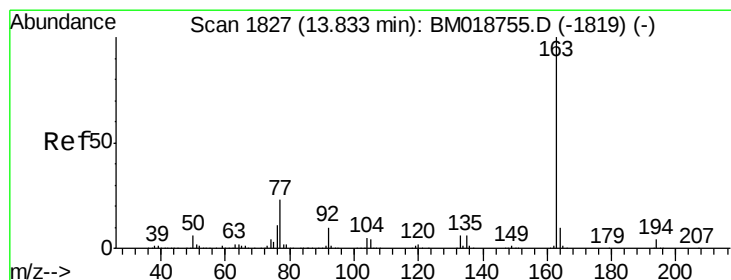
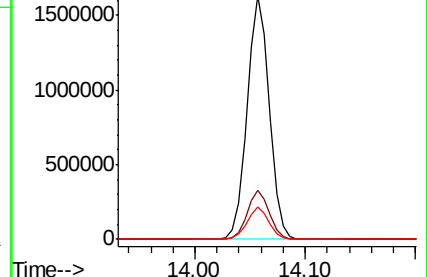
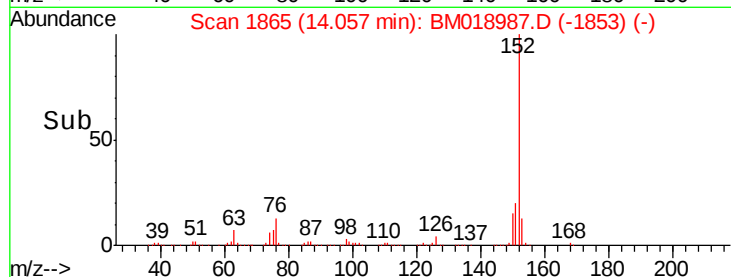
3/4/2019 12:47:37 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.822 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

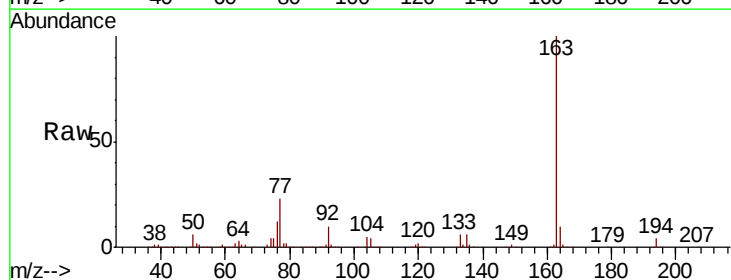
Tgt Ion:163 Resp: 1820675

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

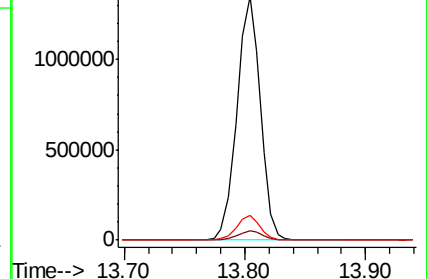
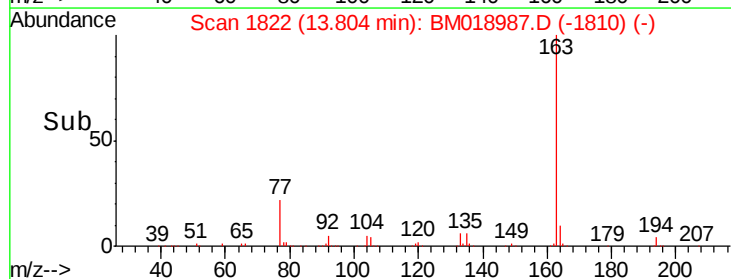
164 10.2 7.8 11.8

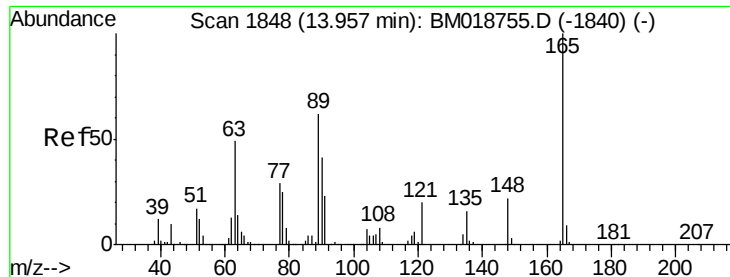


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





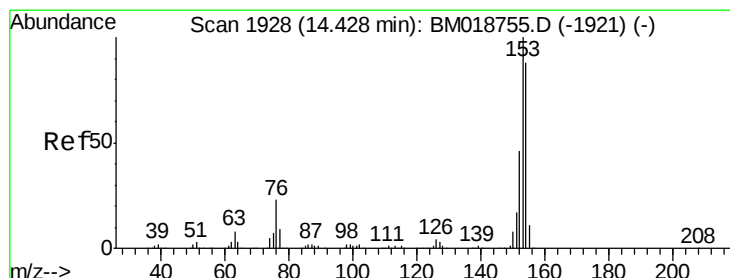
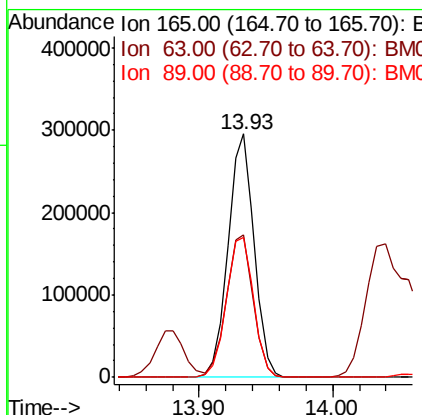
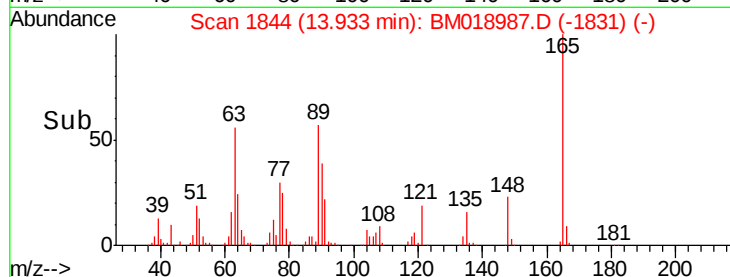
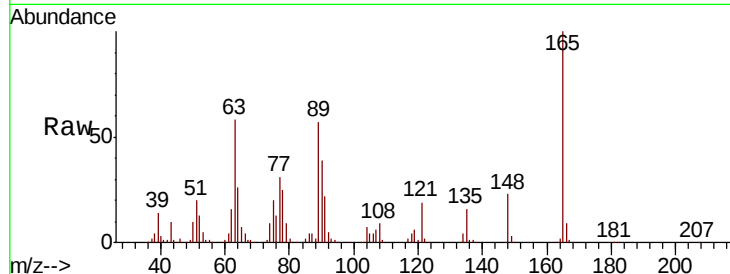
#51  
2,6-Dinitrotoluene  
Concen: 43.928 ng  
RT: 13.93 min Scan# 1844  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 404577 |       |       |
| 63      | 58.4  | 48.9   | 73.3  |       |
| 89      | 57.5  | 49.4   | 74.0  |       |

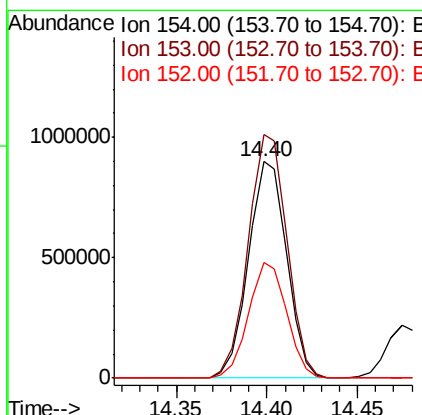
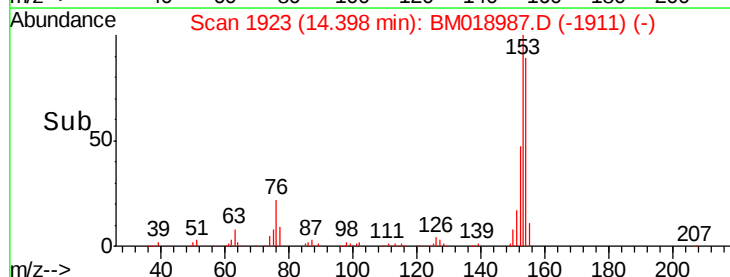
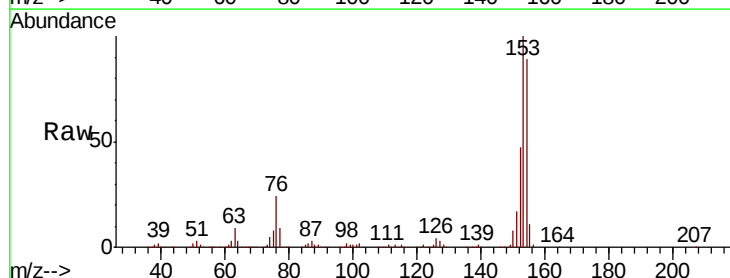
Manual Integrations  
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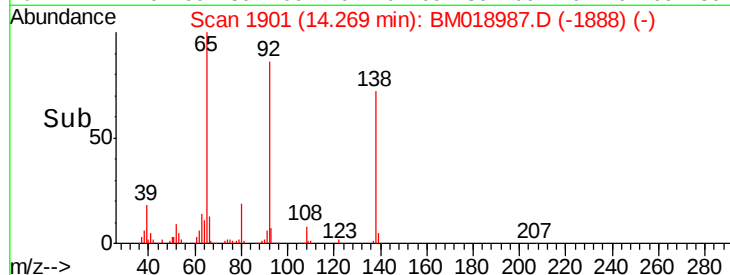
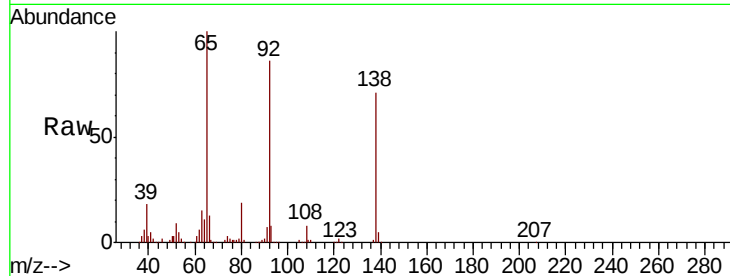
Sohil  
3/4/2019 12:47:37 PM



#52  
Acenaphthene  
Concen: 42.693 ng  
RT: 14.40 min Scan# 1923  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1322135 |       |       |
| 153     | 112.6 | 91.3    | 136.9 |       |
| 152     | 53.2  | 42.2    | 63.4  |       |





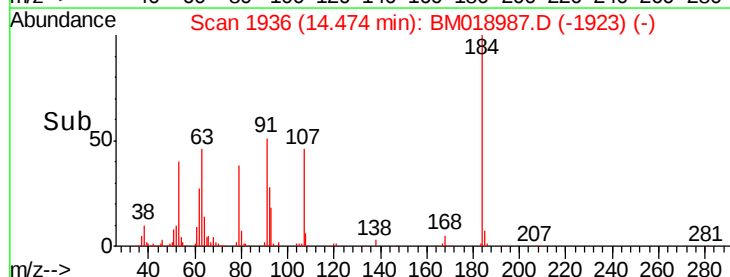
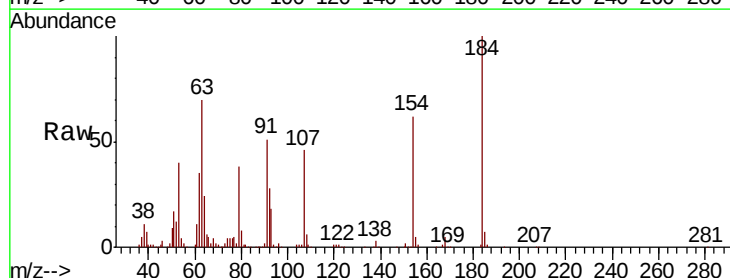
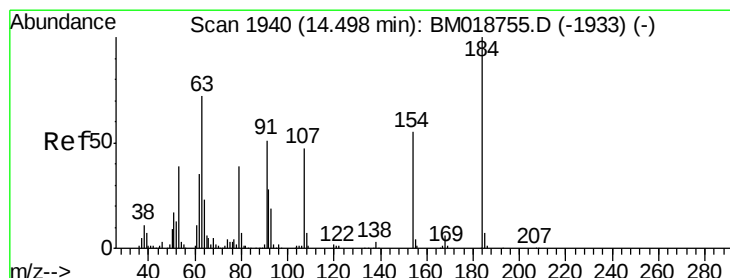
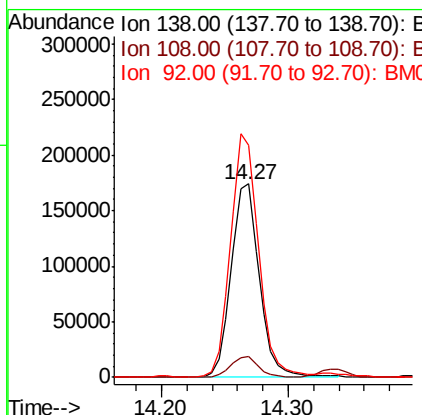
#53  
3-Nitroaniline  
Concen: 25.639 ng  
RT: 14.27 min Scan# 1901  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 266812 |       |       |
| 108     | 11.1  | 9.1    | 13.7  |       |
| 92      | 120.1 | 99.7   | 149.5 |       |

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

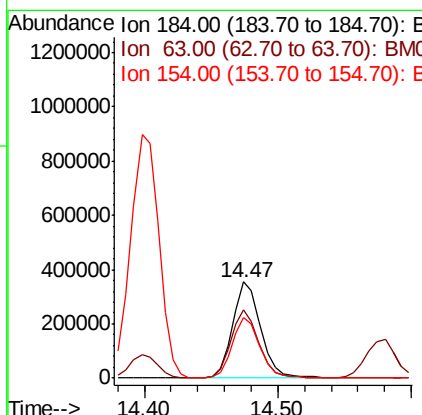
Manual Integrations  
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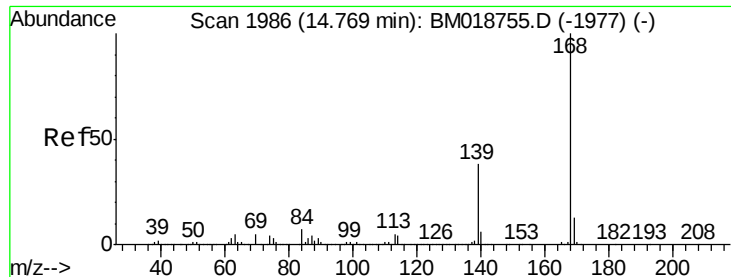
Sohil  
3/4/2019 12:47:37 PM



#54  
2,4-Dinitrophenol  
Concen: 88.861 ng  
RT: 14.47 min Scan# 1936  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 523330 |       |       |
| 63      | 70.4  | 58.0   | 87.0  |       |
| 154     | 62.3  | 50.3   | 75.5  |       |





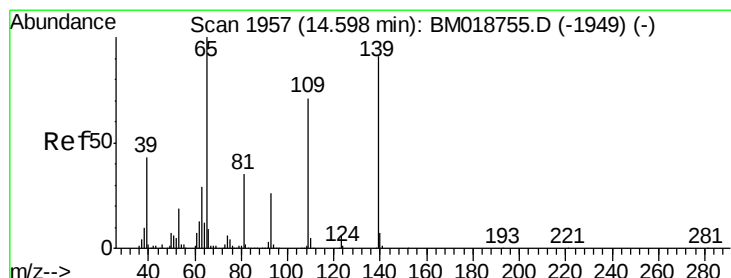
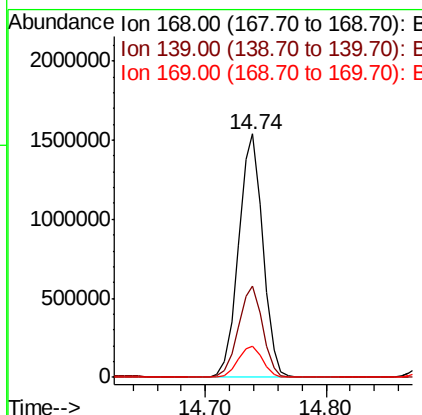
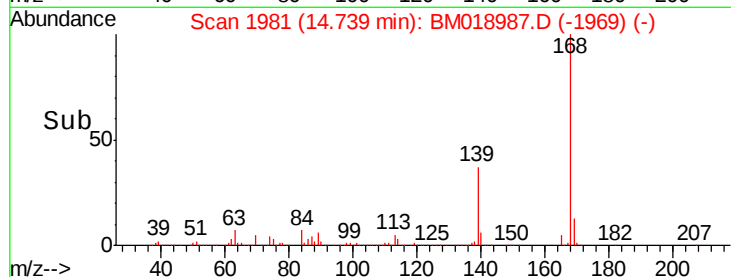
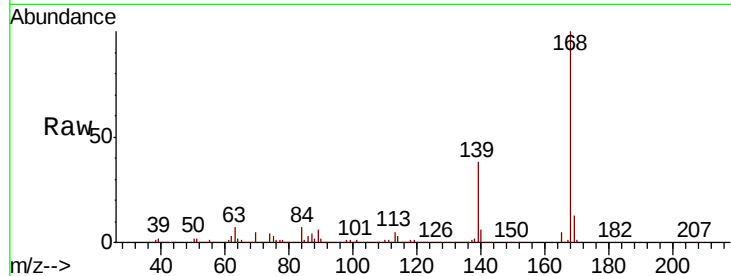
#55  
Dibenzofuran  
Concen: 42.243 ng  
RT: 14.74 min Scan# 1981  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.5  | 30.7  | 46.1  |
| 169     | 13.0  | 10.3  | 15.5  |

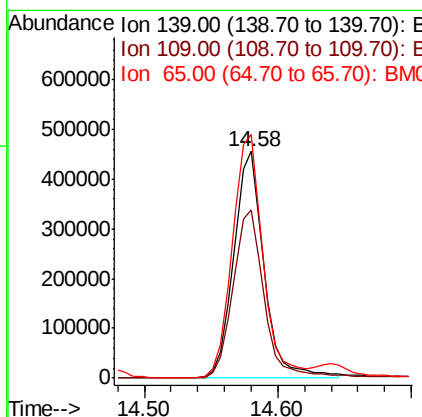
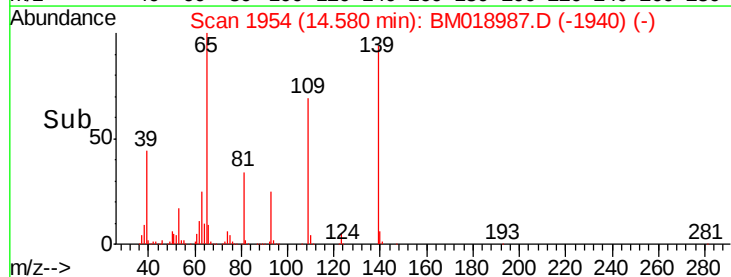
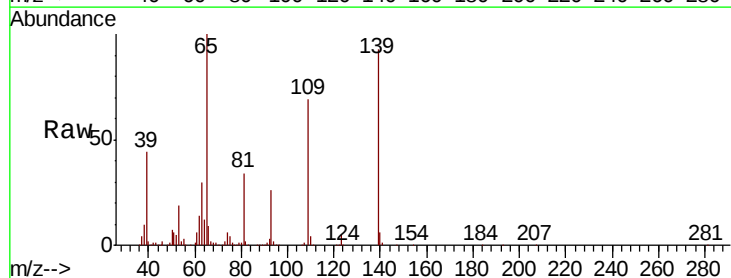
Manual Integrations  
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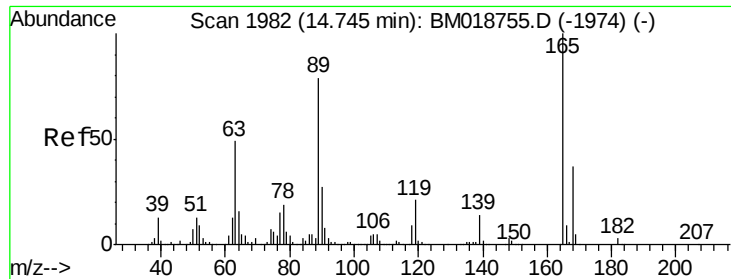
Sohil  
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#56  
4-Nitrophenol  
Concen: 86.766 ng  
RT: 14.58 min Scan# 1954  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 74.3  | 58.4  | 98.4  |
| 65      | 107.5 | 89.8  | 129.8 |





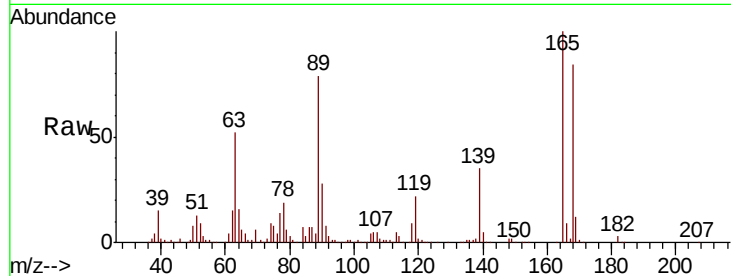
#57  
2,4-Dinitrotoluene  
Concen: 45.424 ng  
RT: 14.72 min Scan# 1978  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 576426 |       |       |
| 63      | 51.9  |        | 39.6  | 59.4  |
| 89      | 79.1  |        | 63.5  | 95.3  |
| 182     | 2.9   |        | 2.2   | 3.4   |

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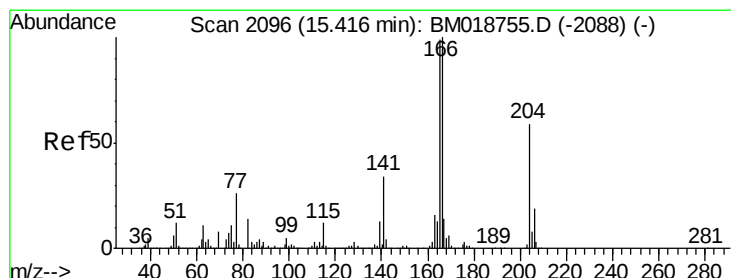
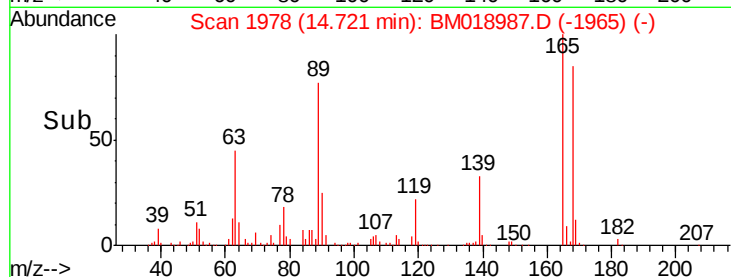
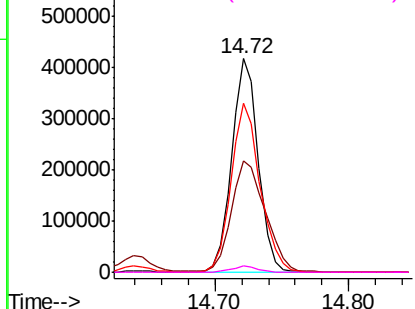
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 45.536 ng  
RT: 15.39 min Scan# 2091  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

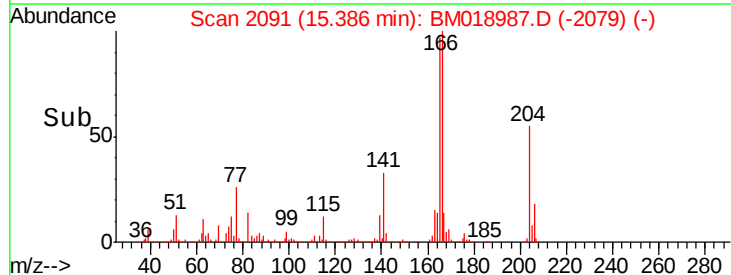
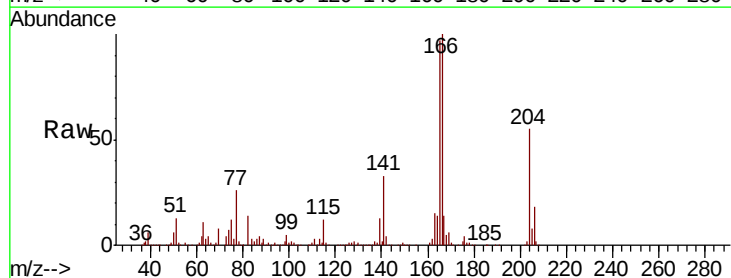
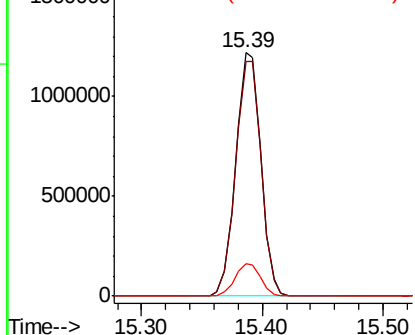
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1773211 |       |       |
| 165     | 96.6  |         | 79.1  | 118.7 |
| 167     | 13.5  |         | 11.0  | 16.4  |

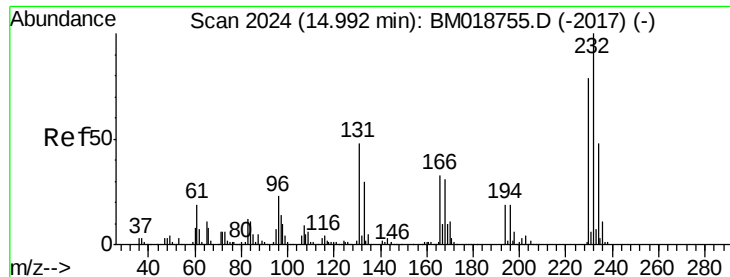
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





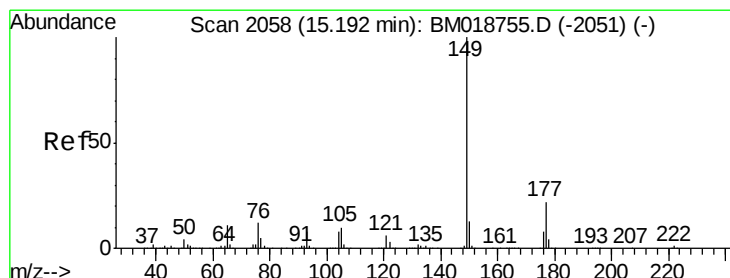
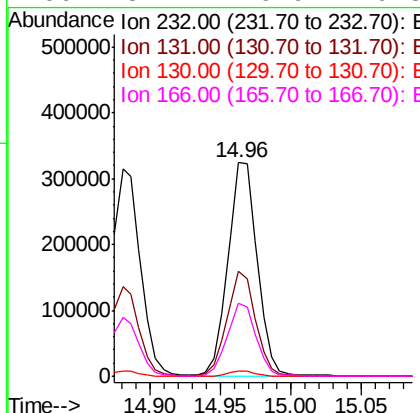
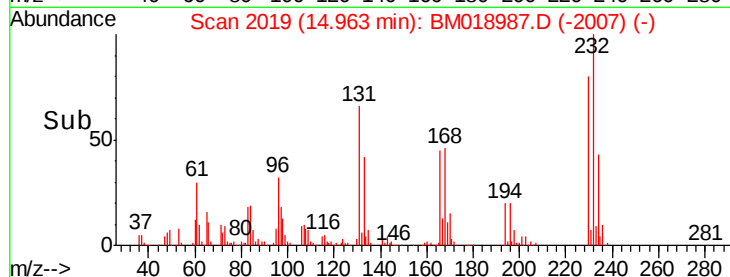
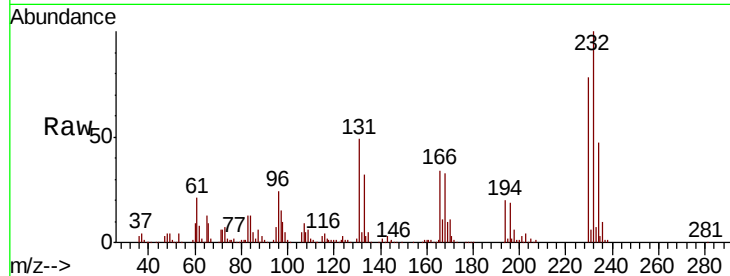
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.598 ng  
RT: 14.96 min Scan# 2019  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampled :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.0  | 38.6  | 57.8  |
| 130     | 2.5   | 2.0   | 3.0   |
| 166     | 34.1  | 26.9  | 40.3  |

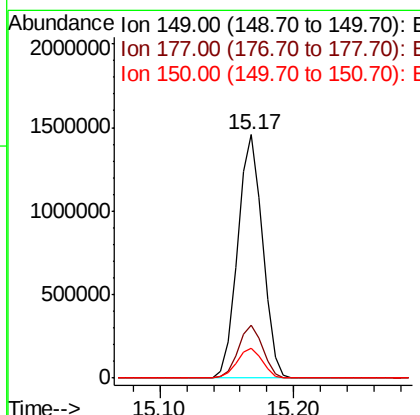
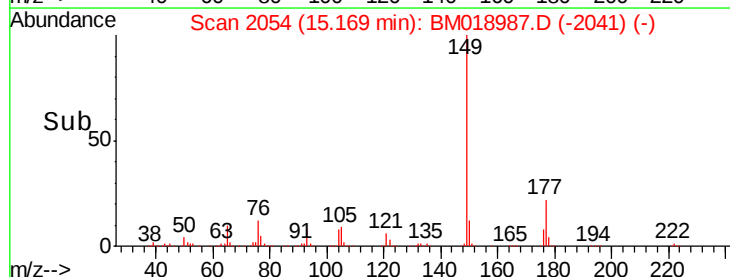
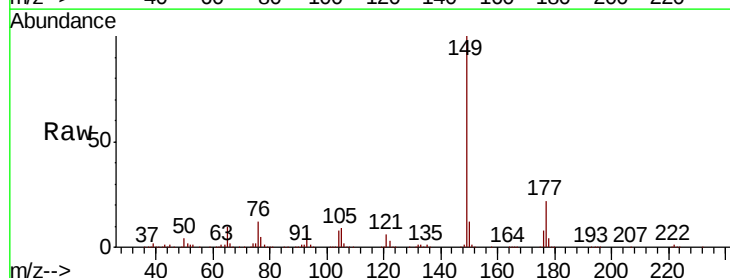
Manual Integrations  
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#60  
Diethylphthalate  
Concen: 42.925 ng  
RT: 15.17 min Scan# 2054  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.9  | 17.2  | 25.8  |
| 150     | 12.2  | 10.2  | 15.2  |





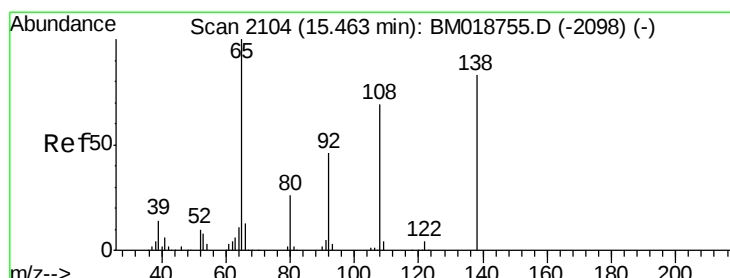
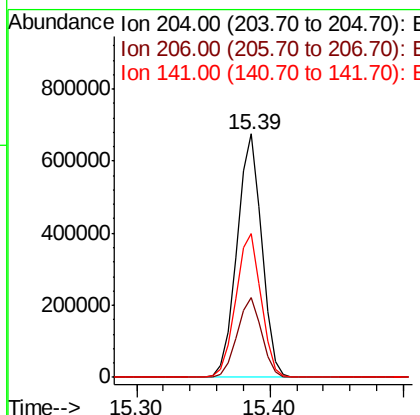
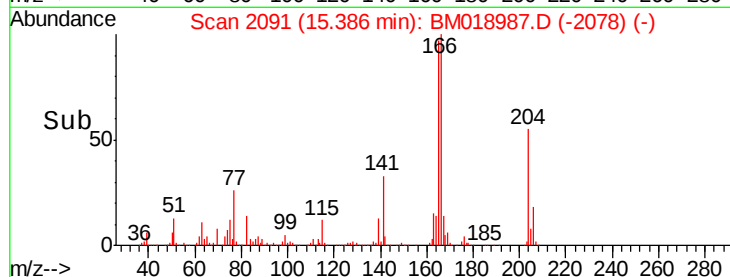
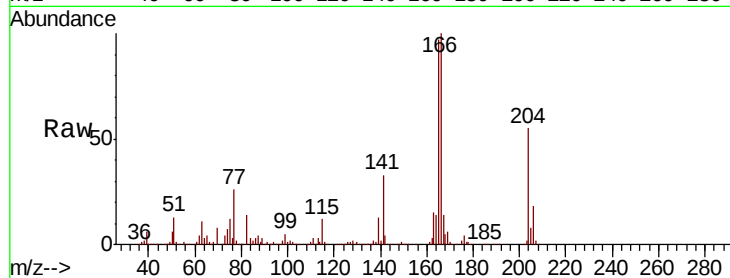
#61  
4-Chlorophenyl-phenylether  
Concen: 39.747 ng  
RT: 15.39 min Scan# 2091  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampled :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.2  | 39.2  |
| 141     | 58.9  | 49.2  | 73.8  |

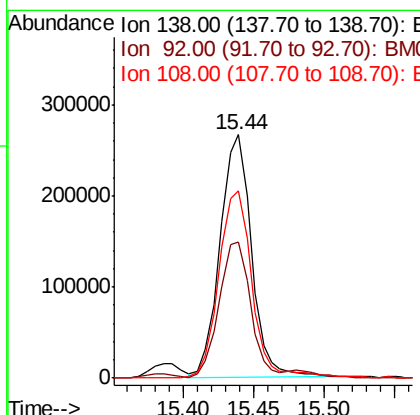
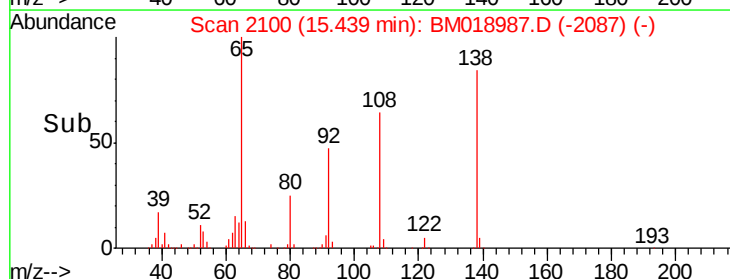
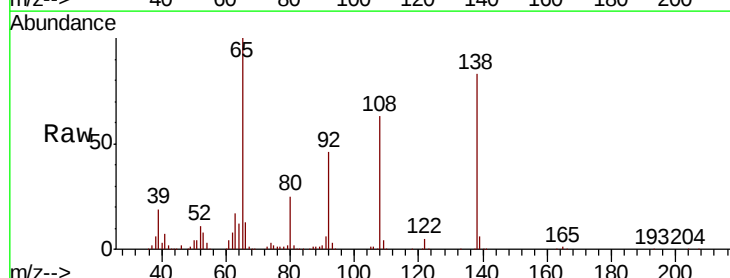
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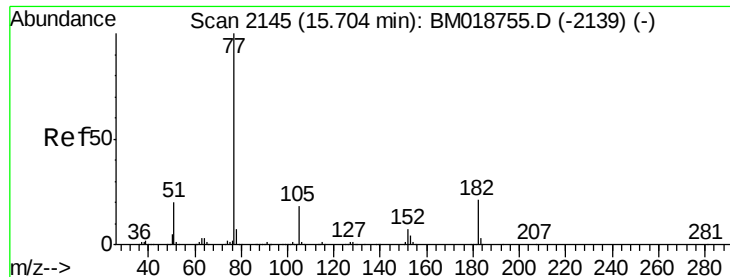
Sohil  
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#62  
4-Nitroaniline  
Concen: 40.573 ng  
RT: 15.44 min Scan# 2100  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.0  | 35.5  | 75.5  |
| 108     | 76.8  | 62.4  | 102.4 |





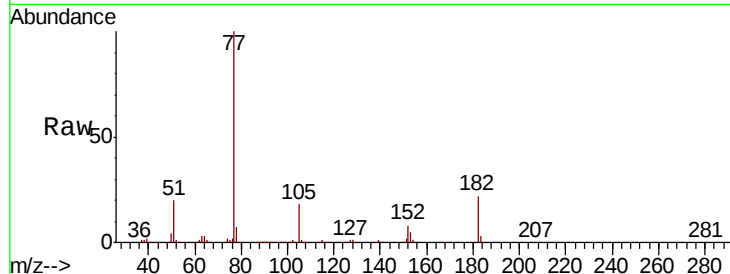
#63  
Azobenzene  
Concen: 42.552 ng  
RT: 15.68 min Scan# 2141  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 22.3 | 1.0   | 41.0  |       |
| 105     | 18.1 | 0.0   | 37.7  |       |
| 51      | 20.3 | 0.3   | 40.3  |       |

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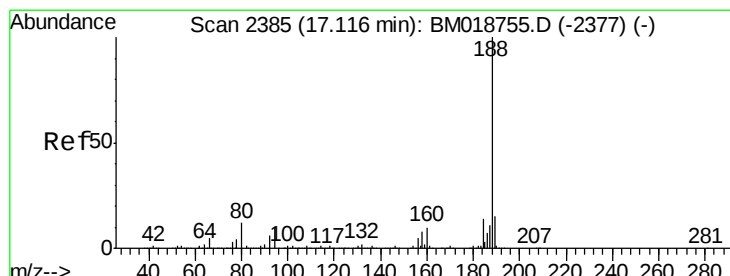
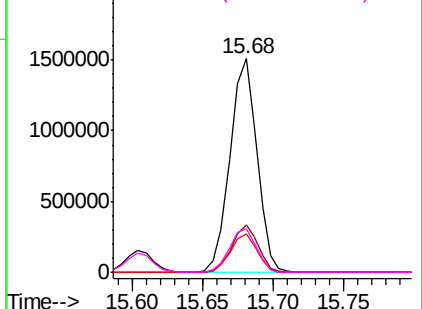
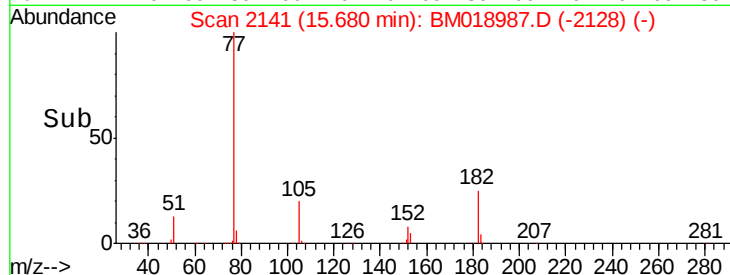


Abundance Ion 77.00 (76.70 to 77.70): BM018987.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): E

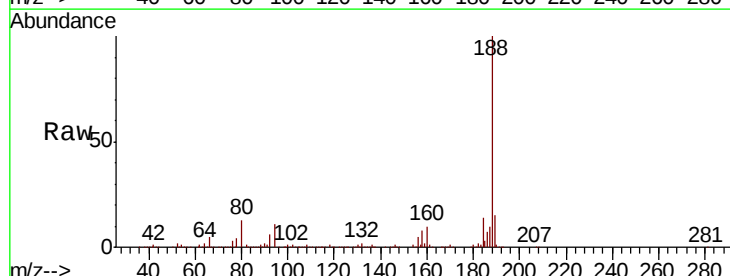
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018987.D (-2128) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.09 min Scan# 2380  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

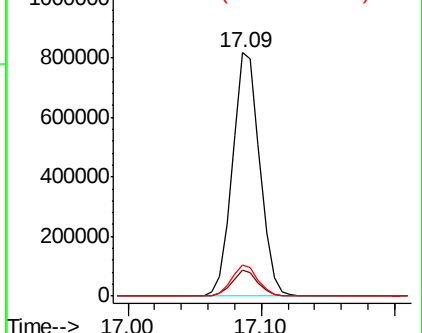
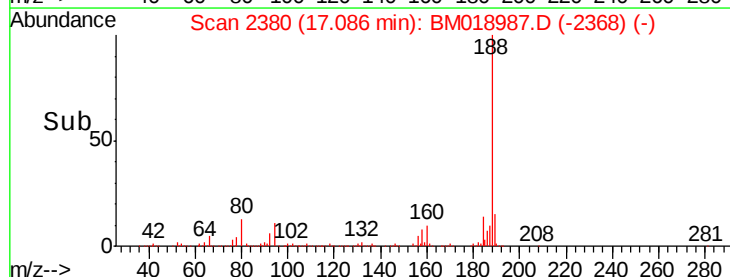
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 10.8 | 8.2   | 12.2  |       |
| 80      | 12.8 | 9.7   | 14.5  |       |

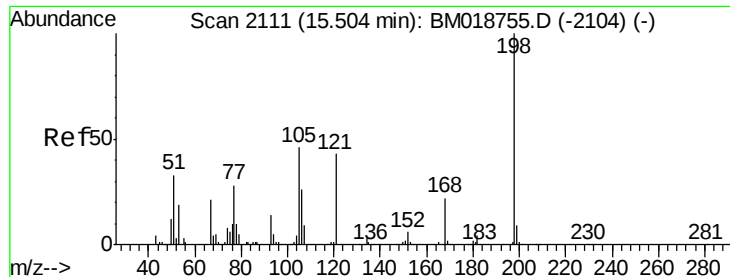


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018987.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018987.D (-2368) (-)





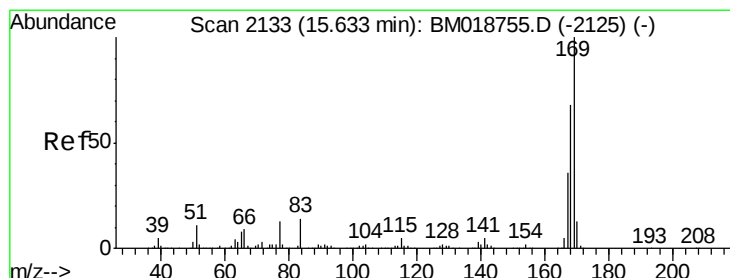
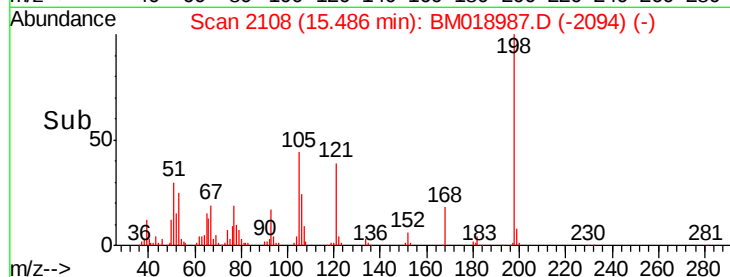
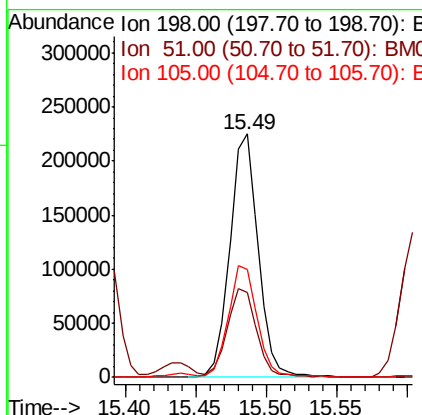
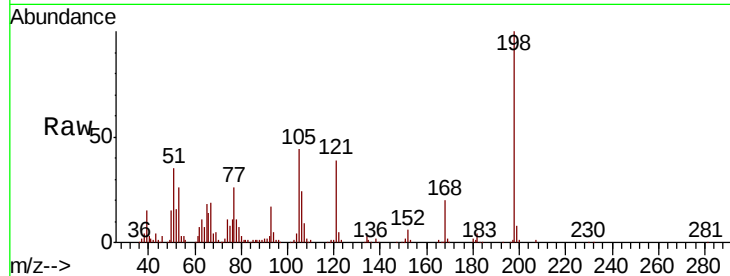
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.725 ng  
RT: 15.49 min Scan# 2108  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 315006 |       |       |
| 51      | 35.1  | 18.4   | 58.4  |       |
| 105     | 44.1  | 27.2   | 67.2  |       |

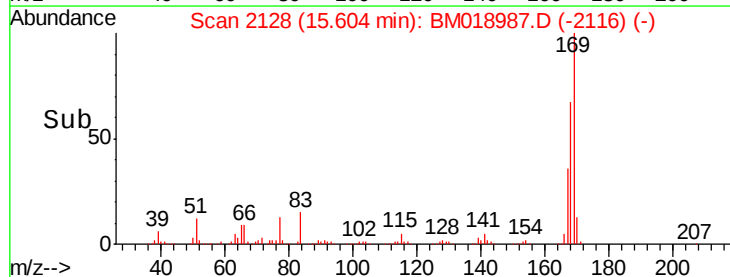
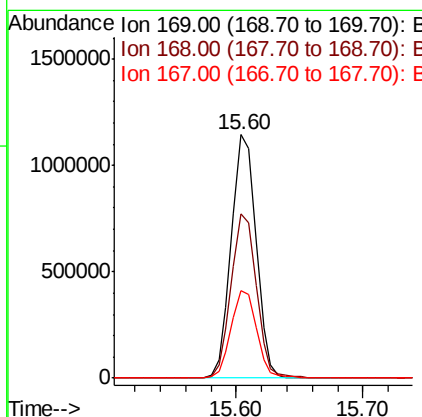
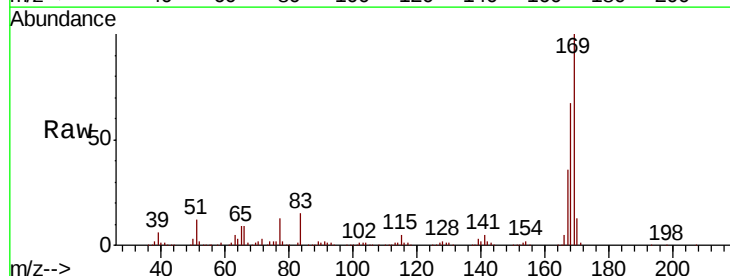
Manual Integrations  
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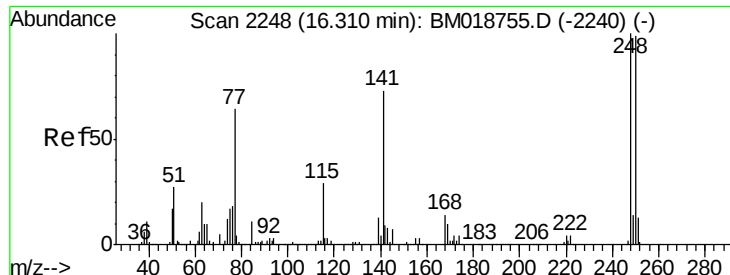
Sohil  
3/4/2019 12:47:37 PM



#66  
n-Nitrosodiphenylamine  
Concen: 42.424 ng  
RT: 15.60 min Scan# 2128  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1552898 |       |       |
| 168     | 67.3  | 54.4    | 81.6  |       |
| 167     | 36.2  | 29.0    | 43.6  |       |





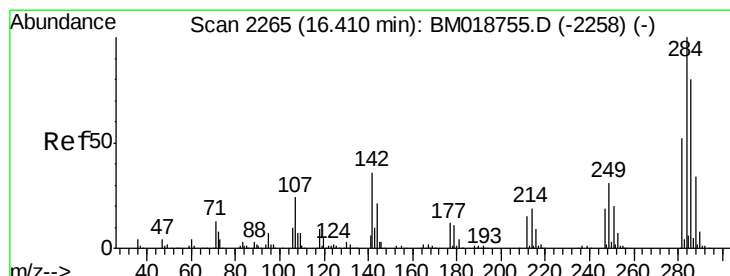
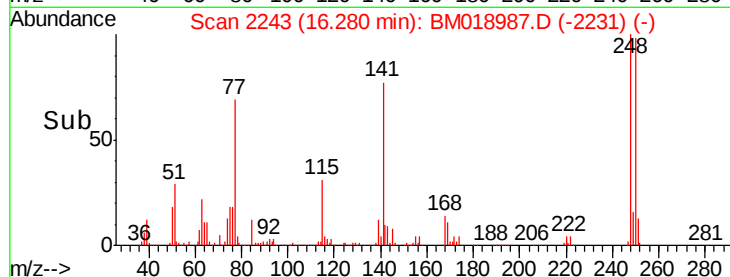
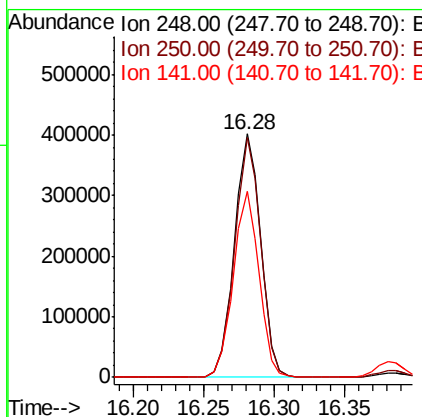
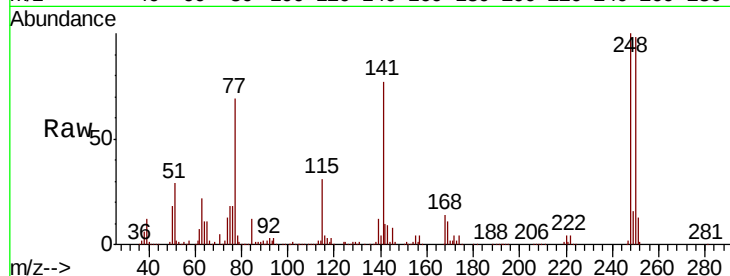
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.155 ng  
 RT: 16.28 min Scan# 2243  
 Delta R.T. -0.03 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB117349BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 520740 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.3  | 79.0  | 118.6  |
| 141       | 76.5  | 58.6  | 88.0   |

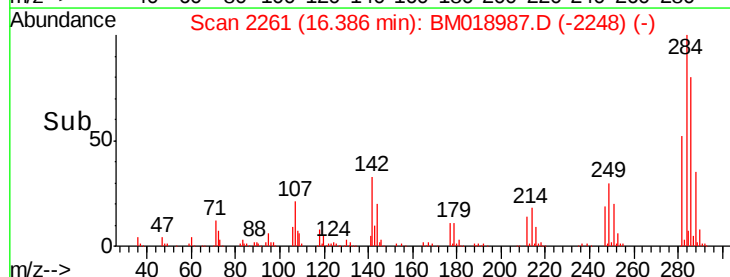
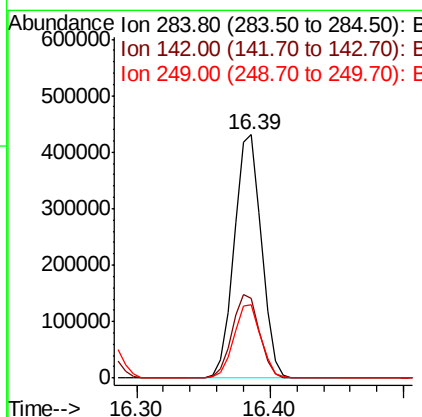
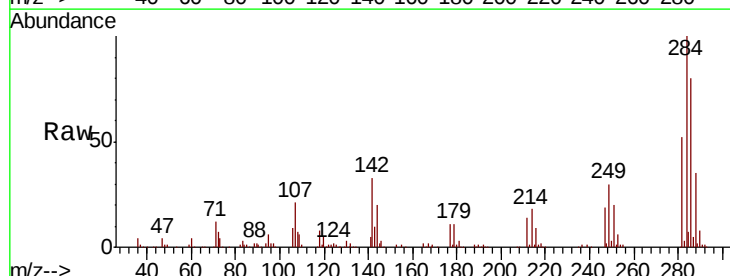
Manual Integrations  
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#68  
 Hexachlorobenzene  
 Concen: 40.564 ng  
 RT: 16.39 min Scan# 2261  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 611448 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 32.7  | 28.9  | 43.3   |
| 249       | 29.9  | 24.8  | 37.2   |





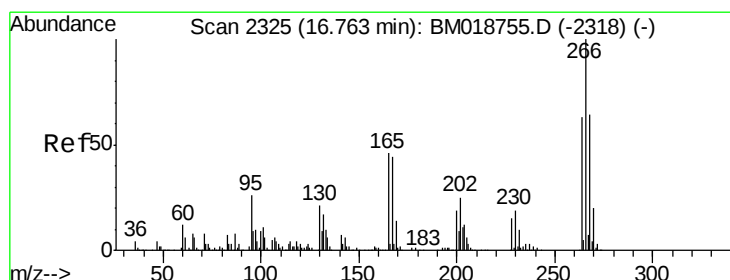
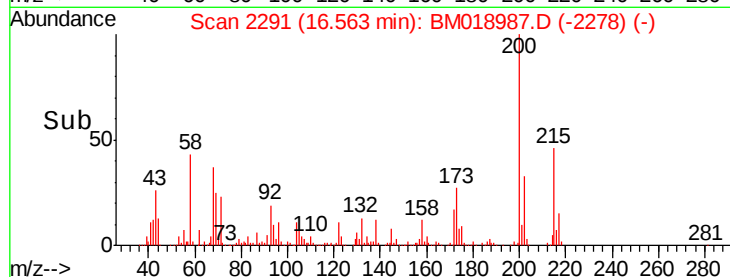
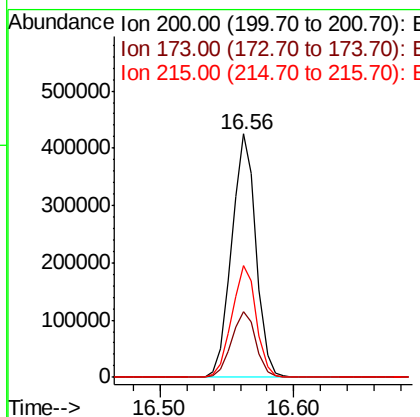
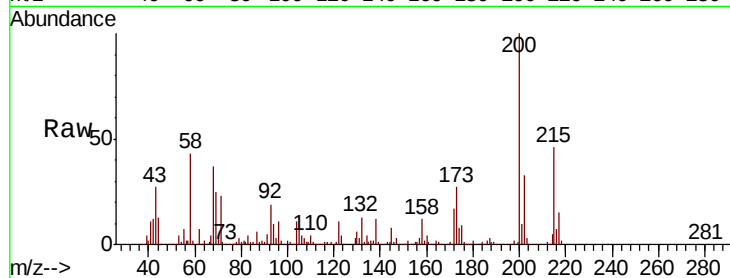
#69  
 Atrazine  
 Concen: 45.950 ng  
 RT: 16.56 min Scan# 2291  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.0  | 7.6   | 47.6  |
| 215     | 45.8  | 27.6  | 67.6  |

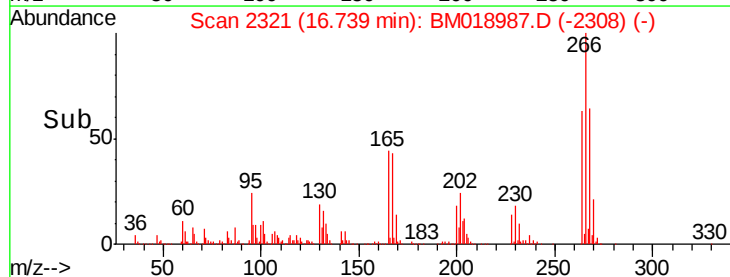
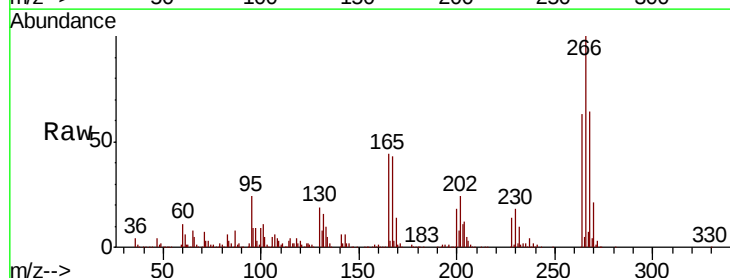
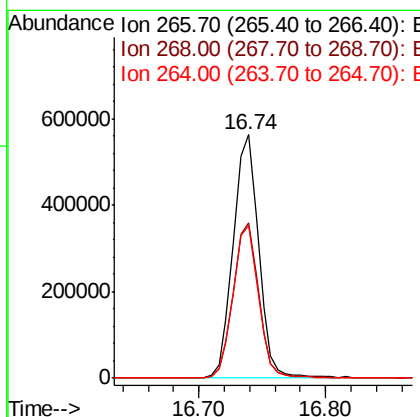
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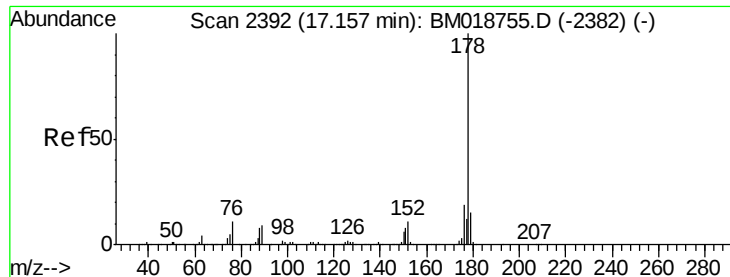
Sohil  
 3/4/2019 12:47:37 PM



#70  
 Pentachlorophenol  
 Concen: 80.449 ng  
 RT: 16.74 min Scan# 2321  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 51.3  | 76.9  |
| 264     | 62.5  | 50.6  | 75.8  |





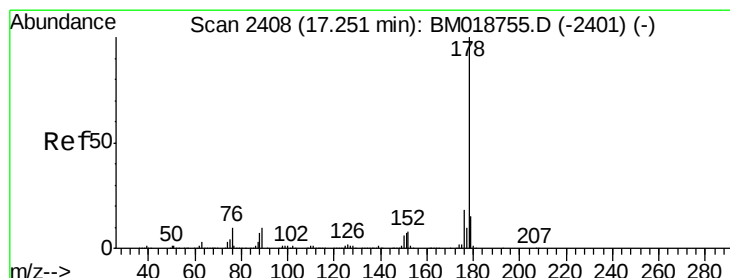
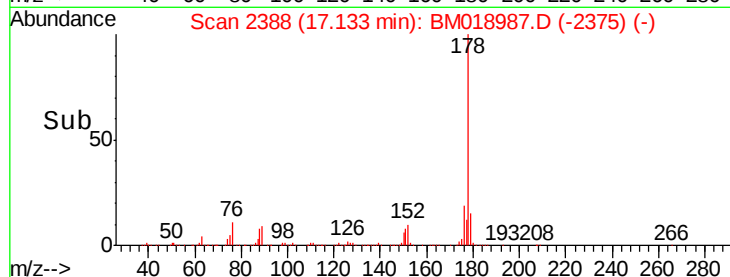
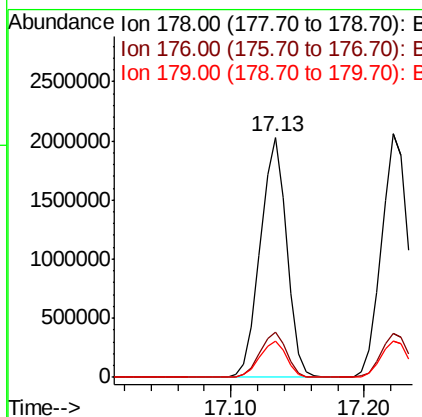
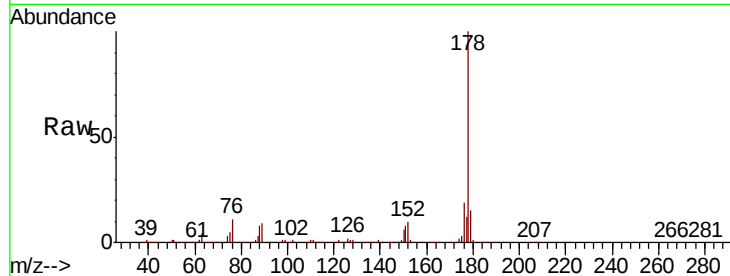
#71  
Phenanthrene  
Concen: 44.495 ng  
RT: 17.13 min Scan# 2388  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampled :  
PB117349BSD

Tot Ion:178 Resp: 2770426  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 15.1 12.3 18.5

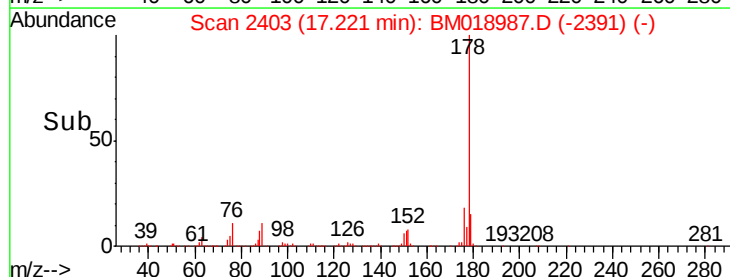
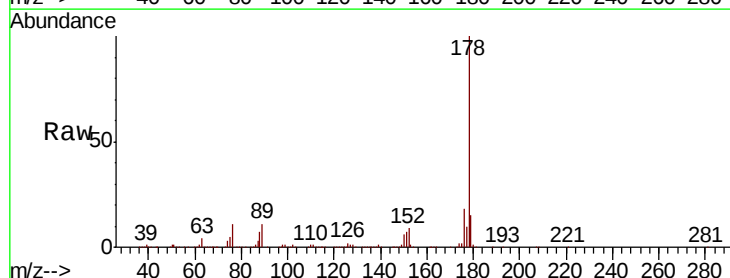
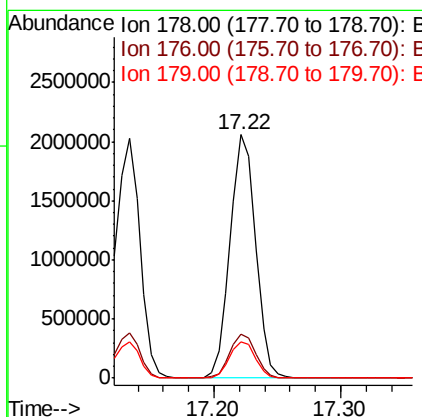
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#72  
Anthracene  
Concen: 46.971 ng  
RT: 17.22 min Scan# 2403  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Tgt Ion:178 Resp: 2846598  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.1 12.1 18.1





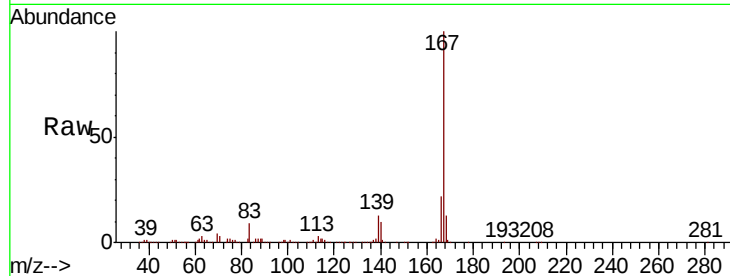
#73  
 Carbazole  
 Concen: 41.403 ng  
 RT: 17.50 min Scan# 2451  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.7  | 26.5  |
| 139     | 12.7  | 10.9  | 16.3  |

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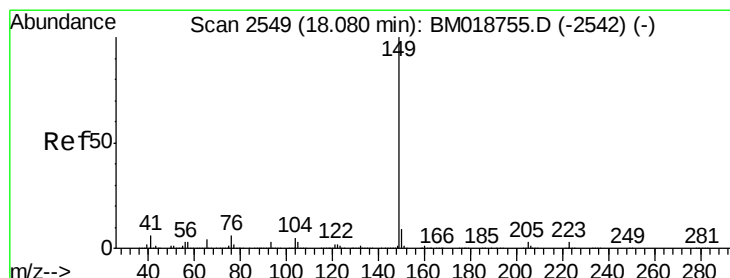
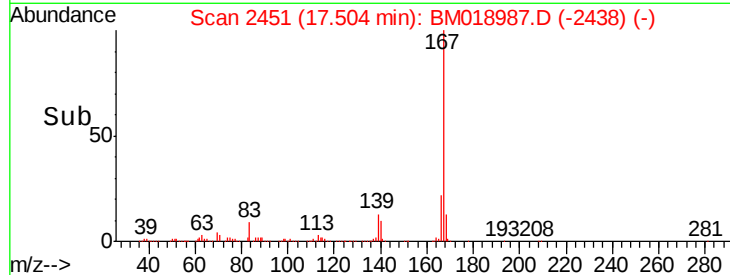
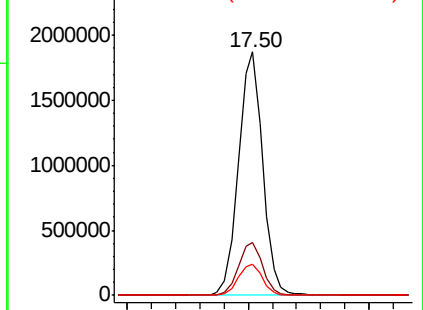


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74  
 Di-n-butylphthalate  
 Concen: 44.786 ng  
 RT: 18.06 min Scan# 2545  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

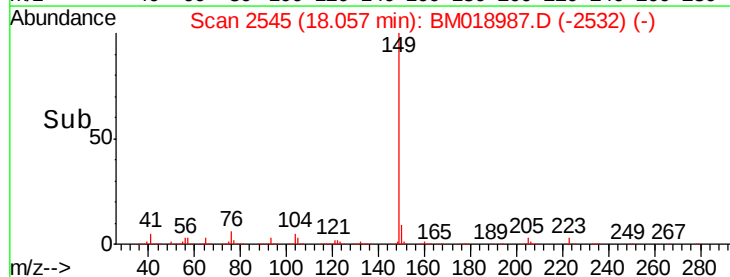
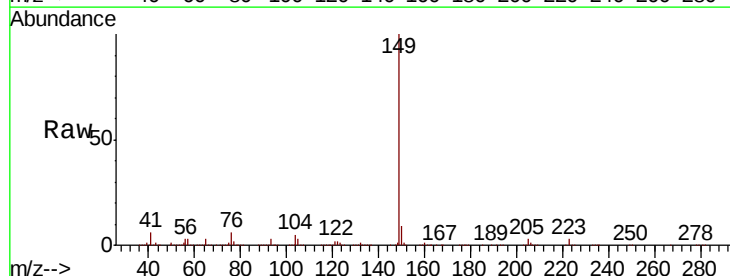
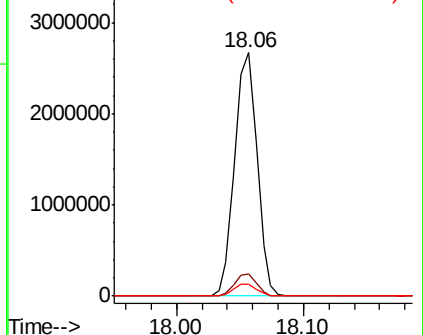
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.4   | 11.0  |
| 104     | 5.0   | 4.3   | 6.5   |

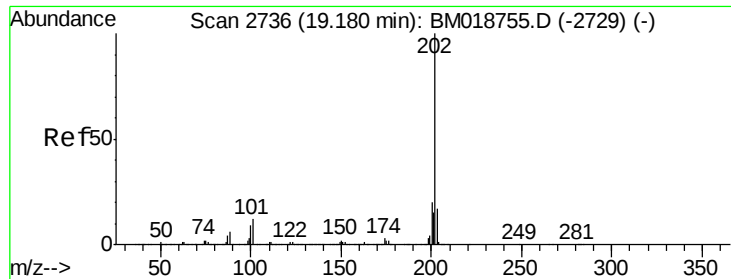
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.819 ng

RT: 19.16 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

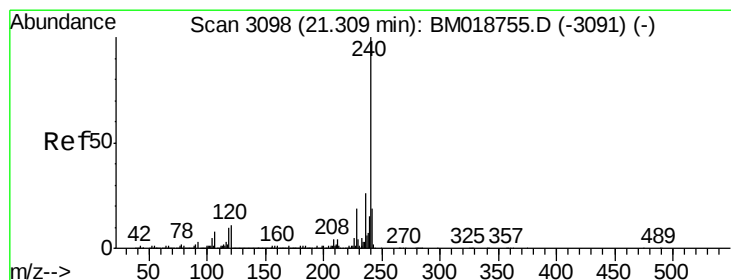
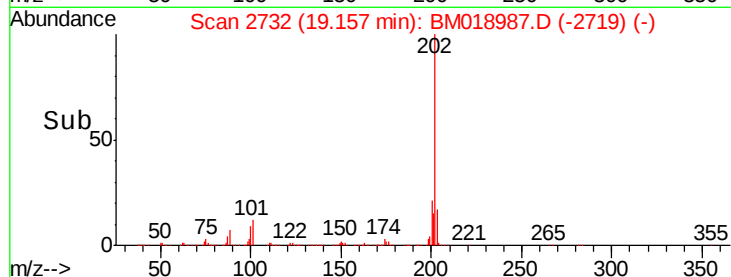
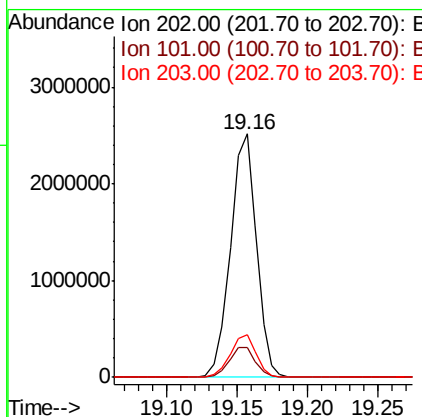
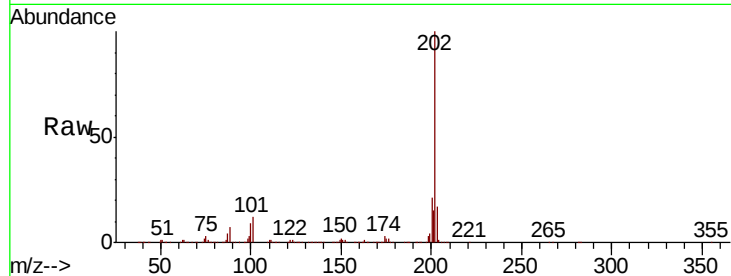
ClientSampleId :

PB117349BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3223505 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 12.2  | 0.0   | 31.5    |
| 203      | 17.3  | 0.0   | 37.3    |

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#76

Chrysene-d12

Concen: 20.000 ng

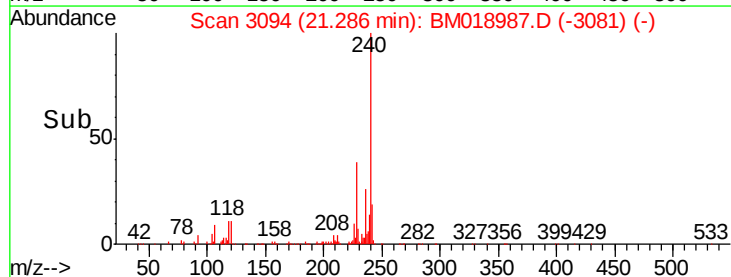
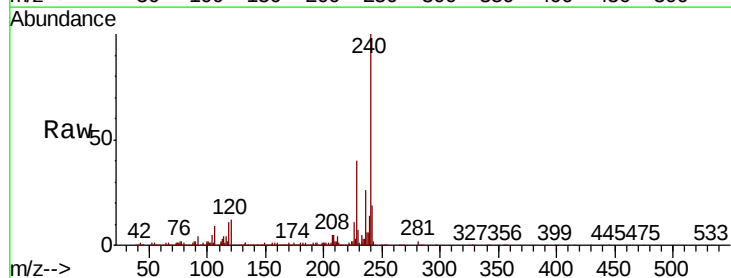
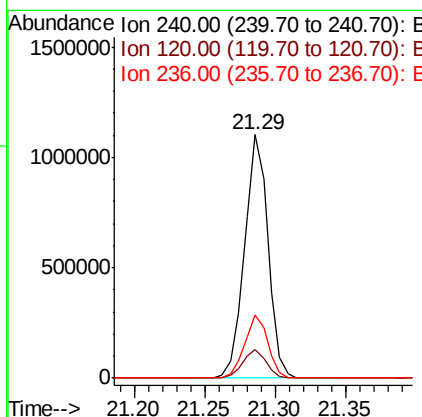
RT: 21.29 min Scan# 3094

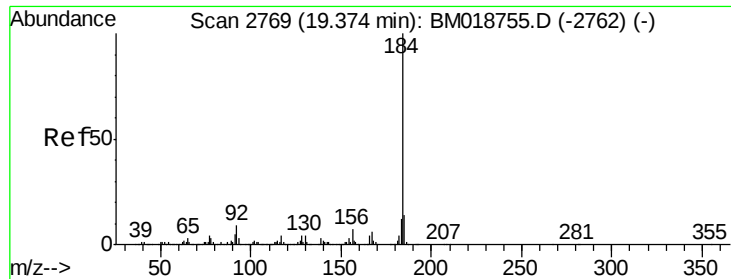
Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1282932 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 11.5  | 8.9   | 13.3    |
| 236      | 25.7  | 20.9  | 31.3    |





#77

Benzidine

Concen: 74.707 ng

RT: 19.36 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

ClientSampleId :

PB117349BSD

Tot Ion:184 Resp: 2158538

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

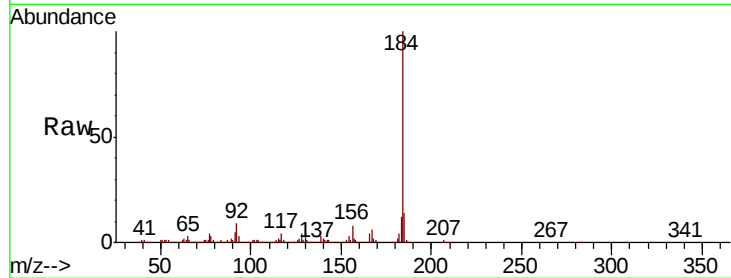
183 12.2 9.7 14.5

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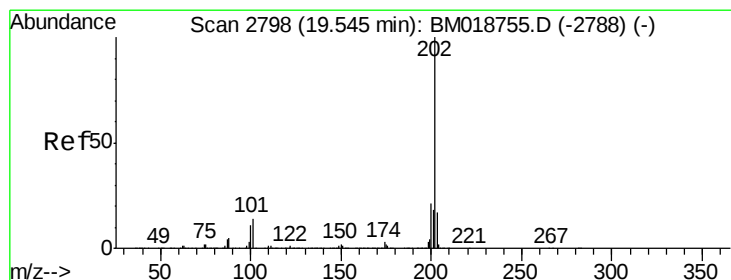
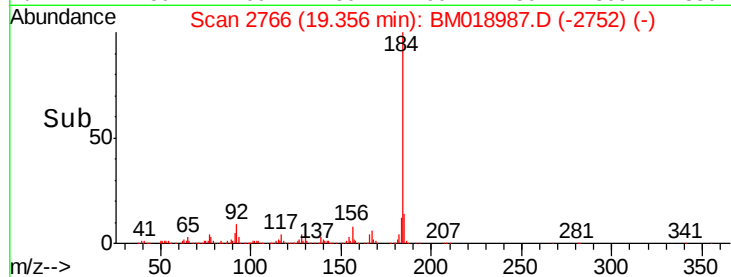
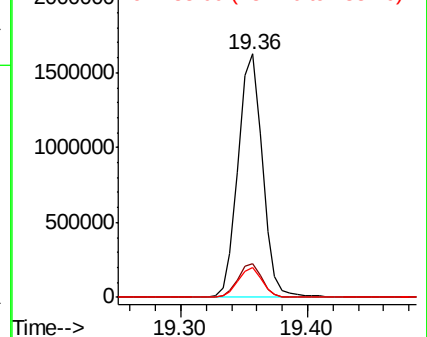
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.928 ng

RT: 19.52 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

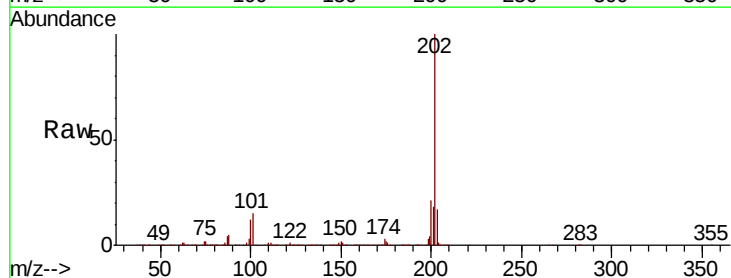
Tgt Ion:202 Resp: 3273129

Ion Ratio Lower Upper

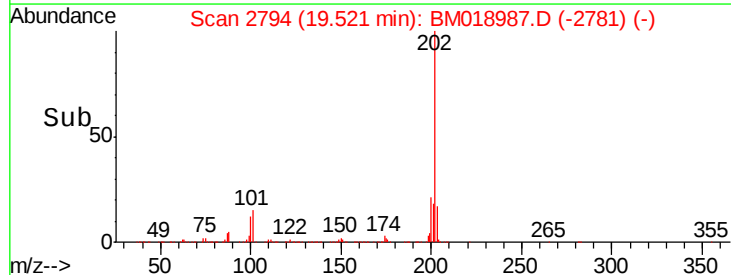
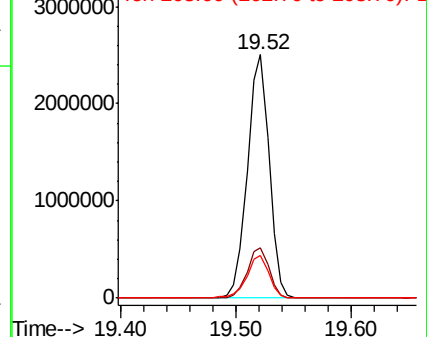
202 100

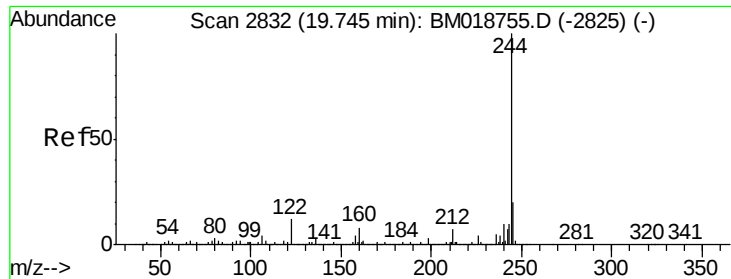
200 20.9 16.9 25.3

203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





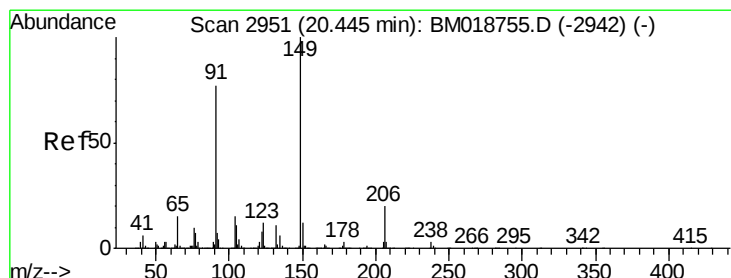
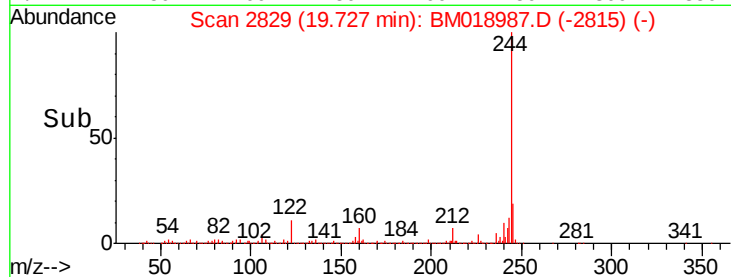
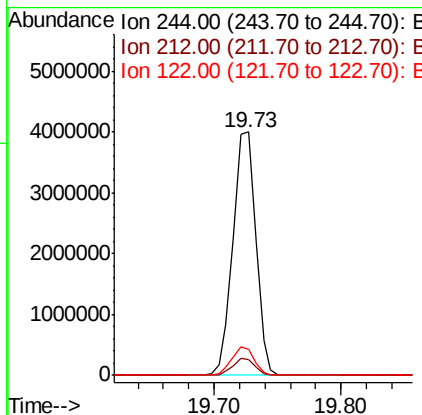
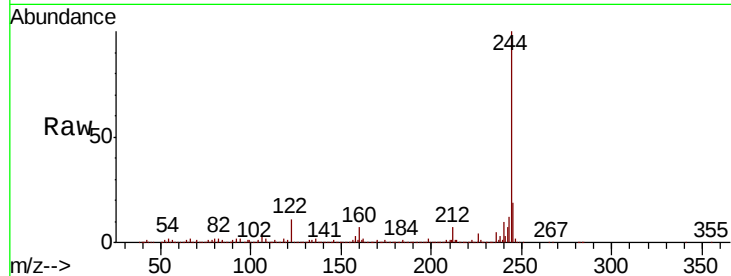
#79  
 Terphenyl-d14  
 Concen: 80.274 ng  
 RT: 19.73 min Scan# 2829  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.6   | 8.4   |
| 122     | 10.6  | 9.3   | 13.9  |

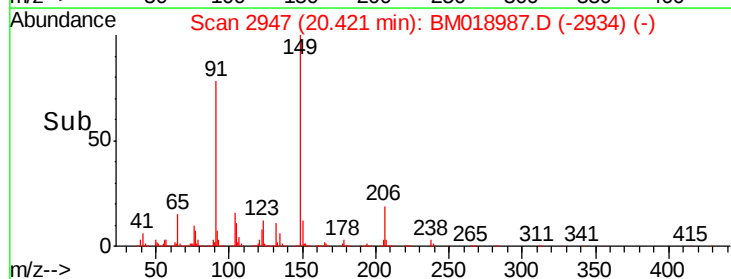
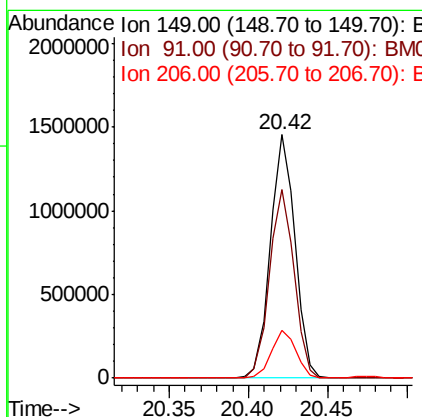
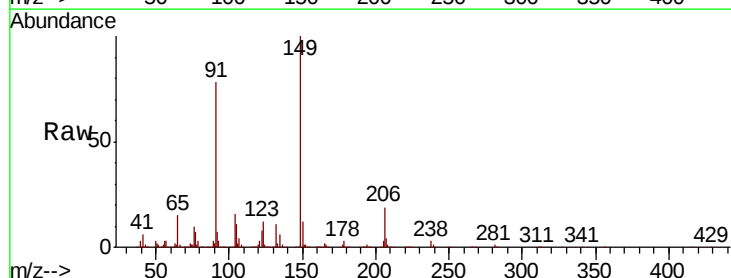
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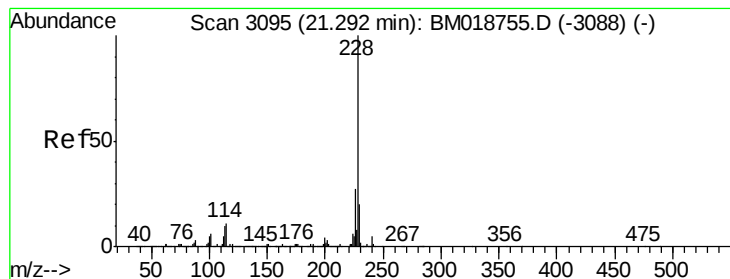
Sohil  
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#80  
 Butylbenzylphthalate  
 Concen: 46.586 ng  
 RT: 20.42 min Scan# 2947  
 Delta R.T. -0.02 min  
 Lab File: BM018987.D  
 Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.6  | 61.4  | 92.0  |
| 206     | 19.5  | 15.8  | 23.8  |





#81

Benzo(a)anthracene

Concen: 43.238 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA\_M

ClientSampleId :

PB117349BSD

Tot Ion:228 Resp: 3233518

Ion Ratio Lower Upper

228 100

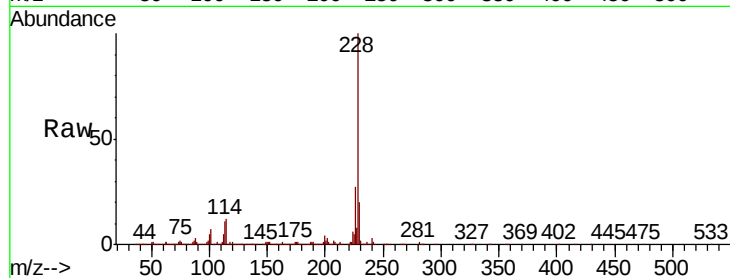
226 27.1 21.9 32.9

229 20.0 15.9 23.9

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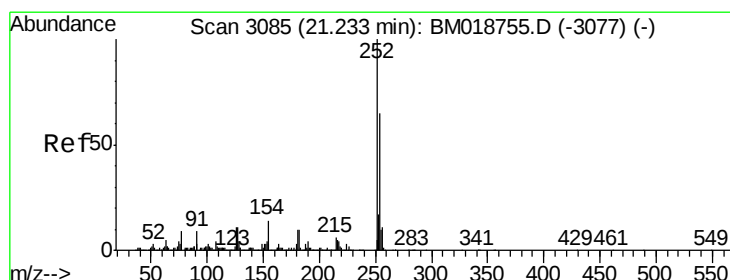
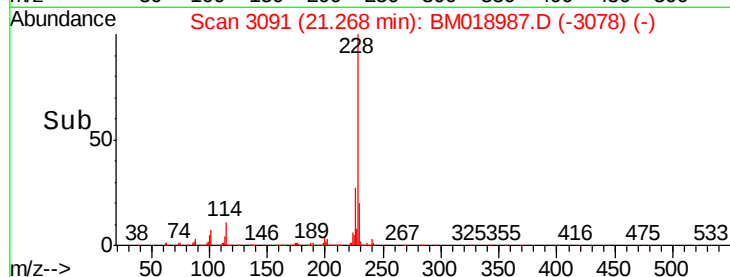
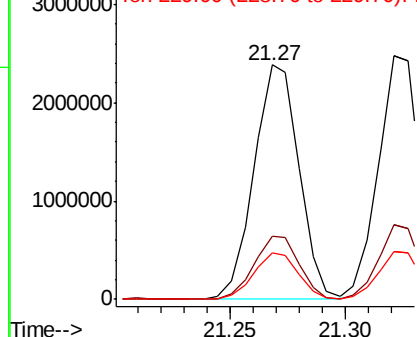


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.605 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Tgt Ion:252 Resp: 815878

Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

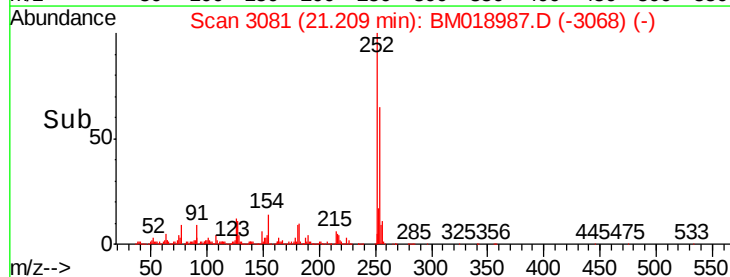
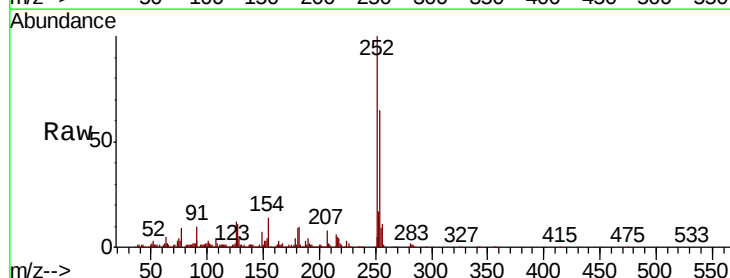
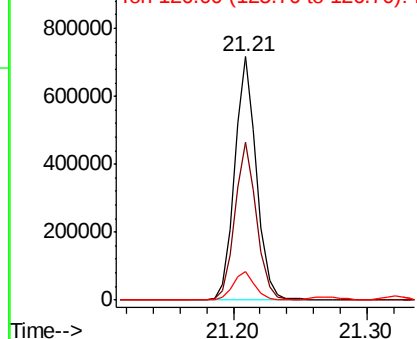
126 11.5 9.1 13.7

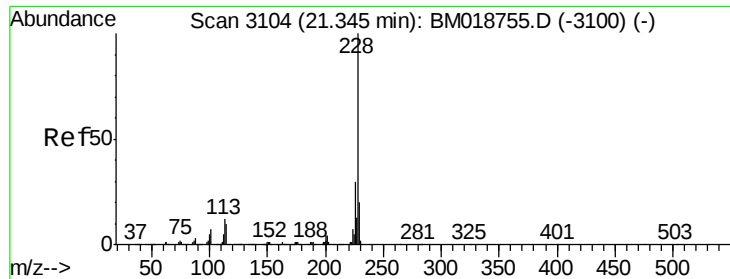
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





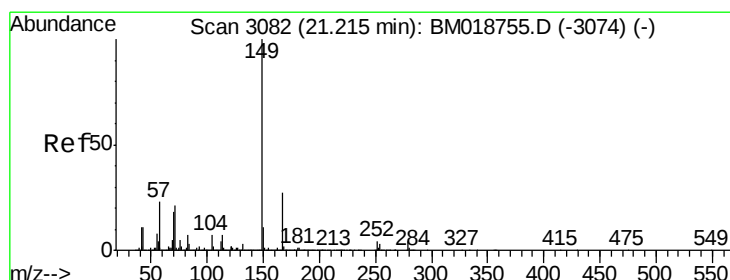
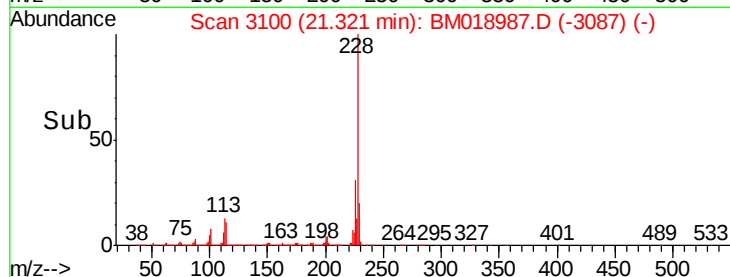
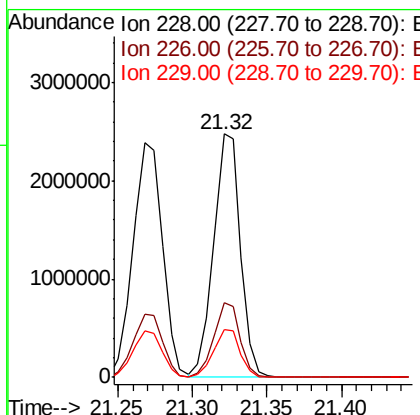
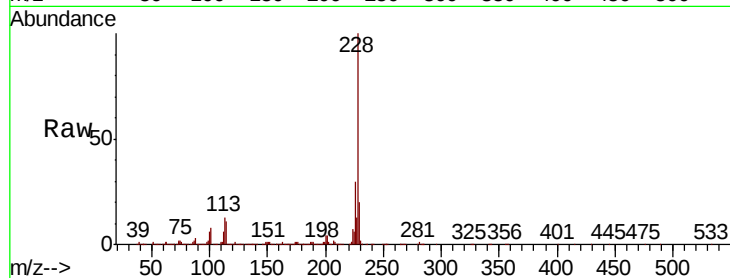
#83  
Chrysene  
Concen: 43.346 ng  
RT: 21.32 min Scan# 3100  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

Tot Ion: 228 Resp: 3107005  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.1 36.1  
229 19.7 16.0 24.0

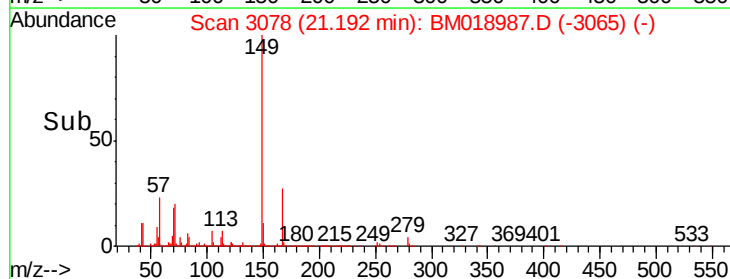
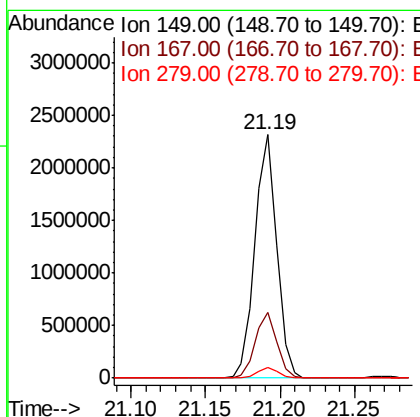
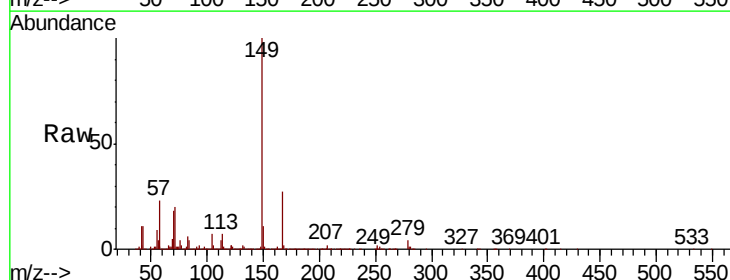
Manual Integrations  
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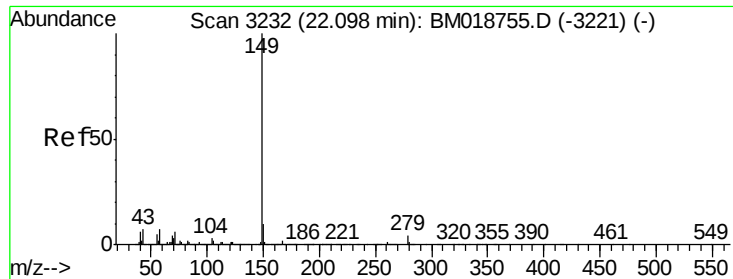
Sohil  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.690 ng  
RT: 21.19 min Scan# 3078  
Delta R.T. -0.02 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Tgt Ion: 149 Resp: 2320528  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.8 32.6  
279 4.5 3.6 5.4





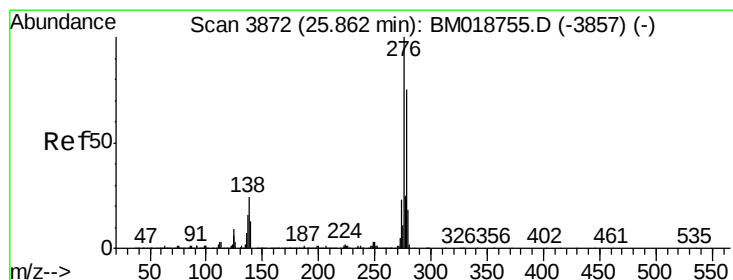
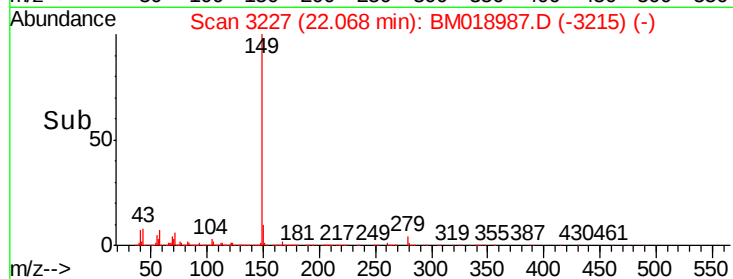
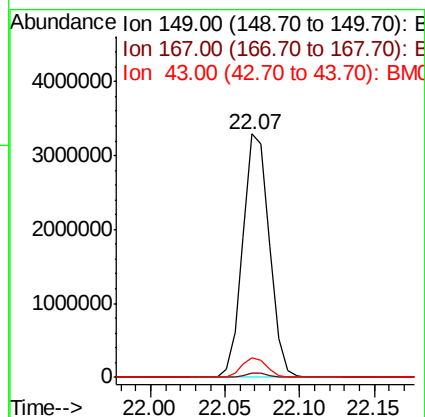
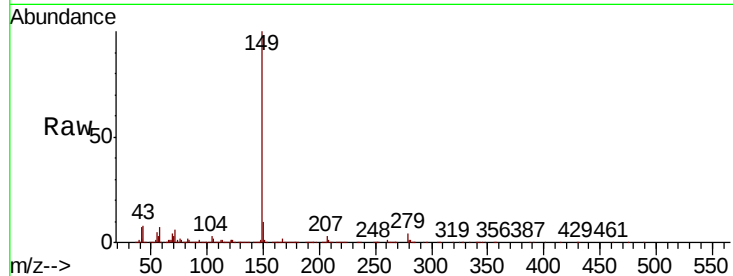
#85  
Di-n-octyl phthalate  
Concen: 48.493 ng  
RT: 22.07 min Scan# 3227  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 4050755 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.6   | 1.3   | 1.9     |
| 43       | 7.7   | 6.0   | 9.0     |

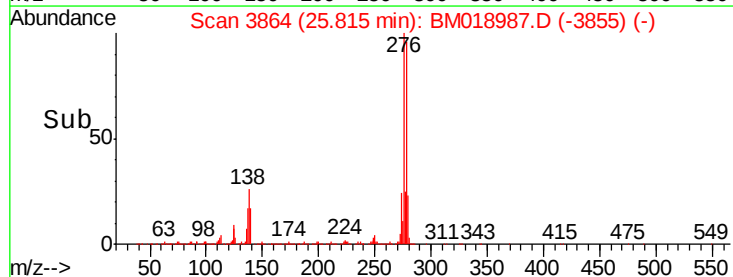
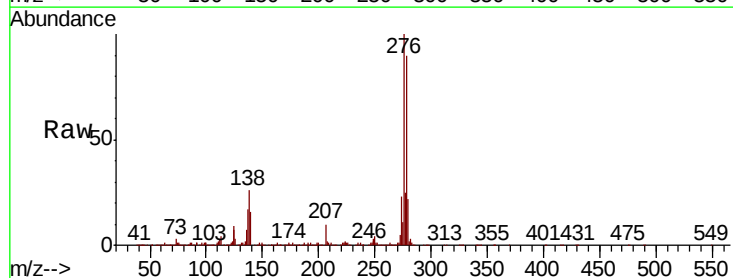
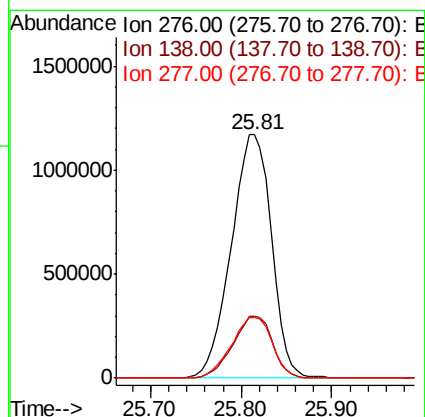
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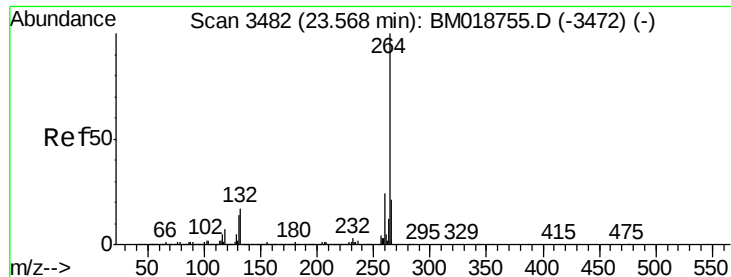
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 43.292 ng  
RT: 25.81 min Scan# 3864  
Delta R.T. -0.05 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 3582703 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 25.2  | 20.2  | 30.4    |
| 277      | 25.3  | 20.3  | 30.5    |





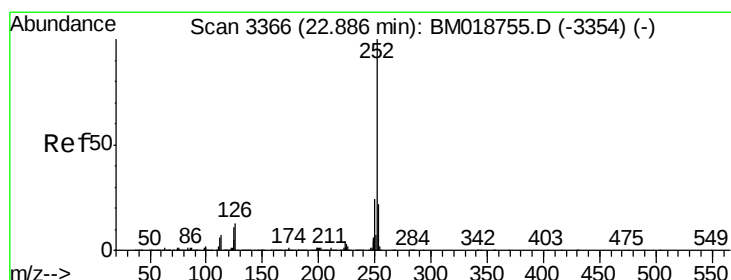
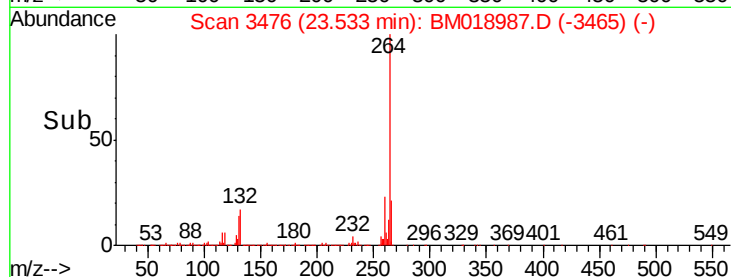
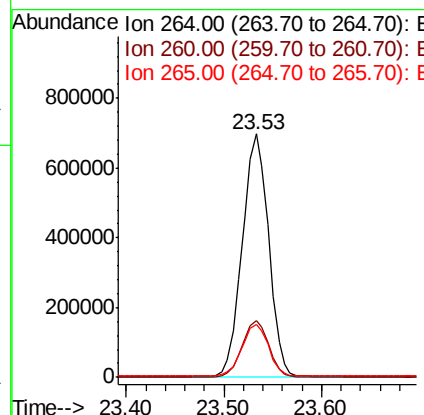
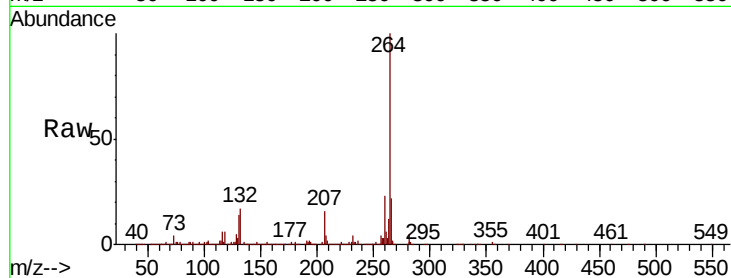
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.53 min Scan# 3476  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 18.9  | 28.3  |
| 265     | 22.0  | 17.3  | 25.9  |

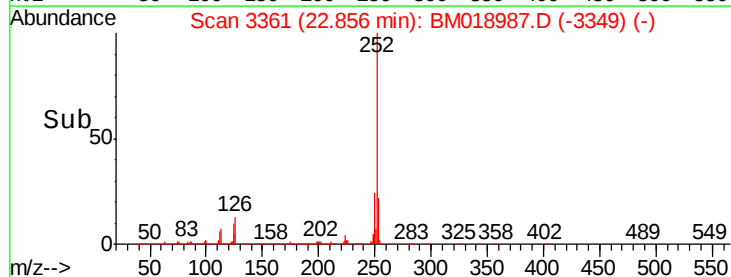
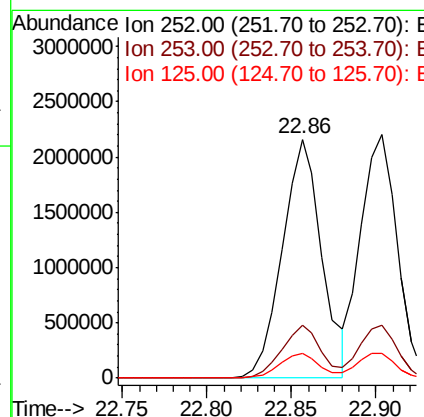
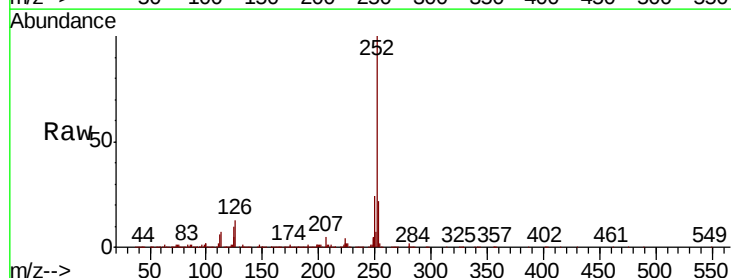
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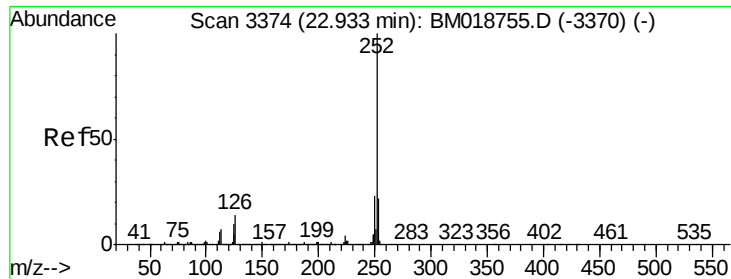
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#88  
Benzo(b)fluoranthene  
Concen: 46.772 ng  
RT: 22.86 min Scan# 3361  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.6  |
| 125     | 10.4  | 8.6   | 12.8  |





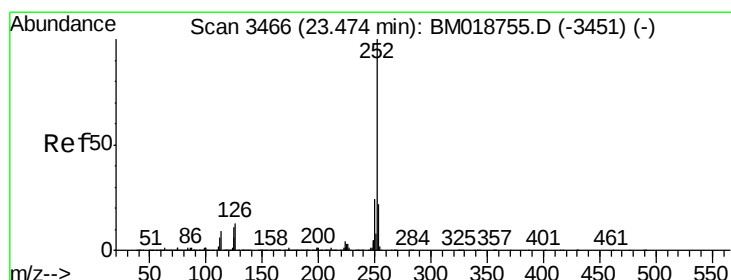
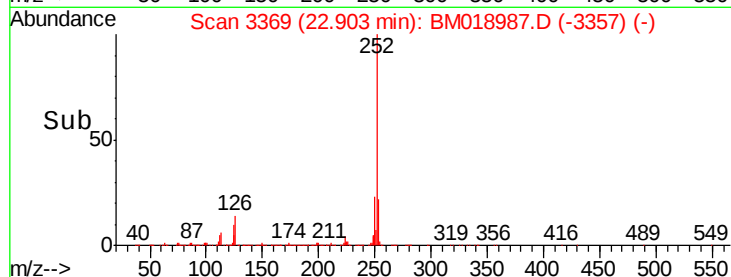
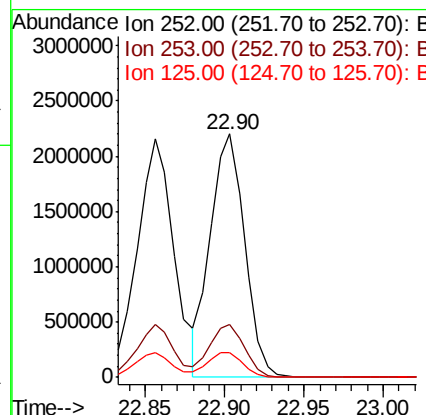
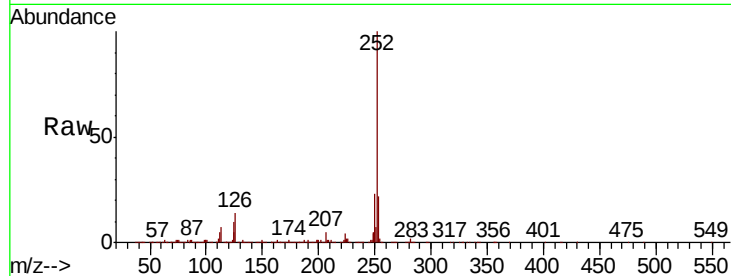
#89  
Benzo(k)fluoranthene  
Concen: 44.250 ng  
RT: 22.90 min Scan# 3369  
Delta R.T. -0.03 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.7  | 26.5  |
| 125     | 10.0  | 8.2   | 12.4  |

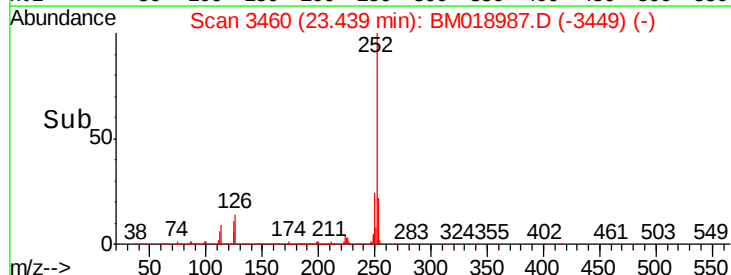
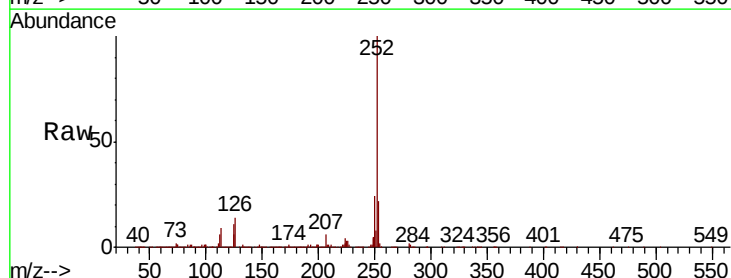
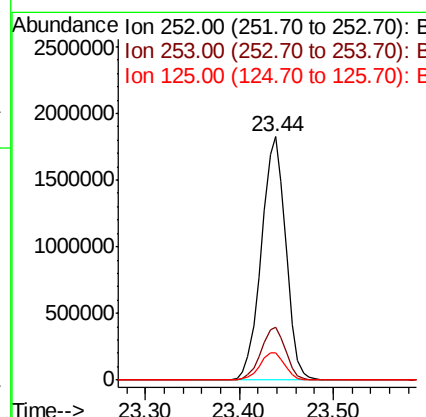
Manual Integrations  
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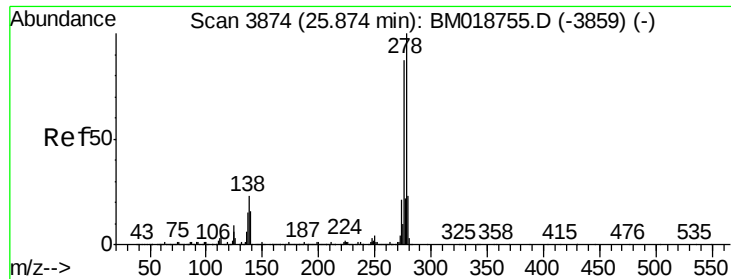
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#90  
Benzo(a)pyrene  
Concen: 46.113 ng  
RT: 23.44 min Scan# 3460  
Delta R.T. -0.04 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.4  | 26.0  |
| 125     | 11.3  | 8.6   | 13.0  |





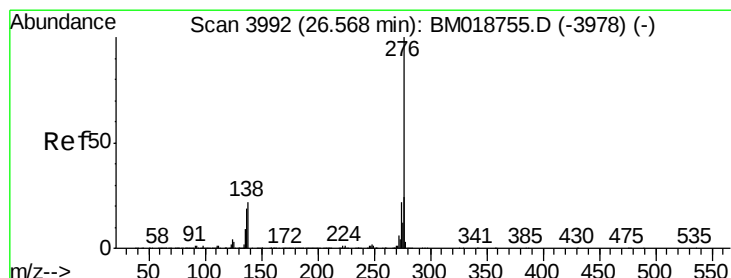
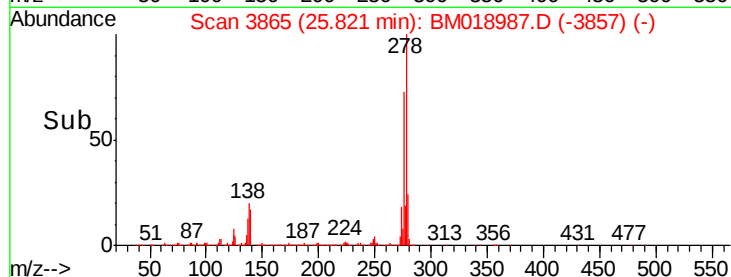
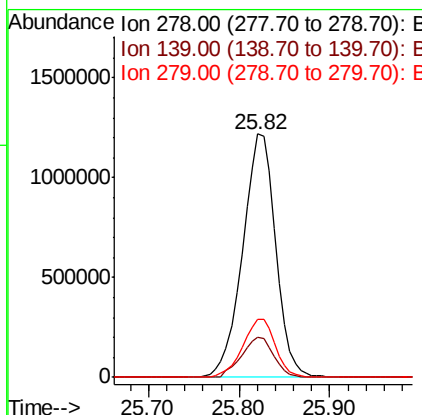
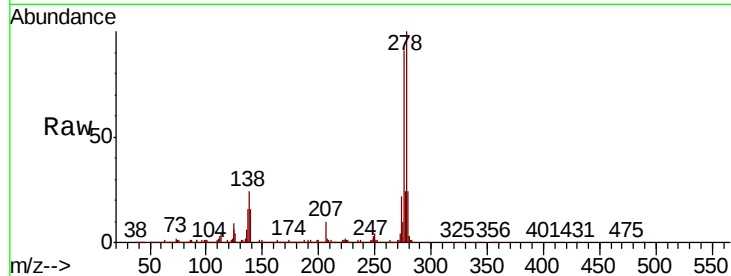
#91  
Dibenzo(a,h)anthracene  
Concen: 43.679 ng  
RT: 25.82 min Scan# 3865  
Delta R.T. -0.05 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB117349BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.5  | 12.6  | 18.8  |
| 279     | 24.0  | 18.6  | 28.0  |

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#92  
Benzo(g,h,i)perylene  
Concen: 42.820 ng  
RT: 26.51 min Scan# 3983  
Delta R.T. -0.05 min  
Lab File: BM018987.D  
Acq: 01 Mar 2019 15:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 19.2  | 28.8  |
| 138     | 21.2  | 17.3  | 25.9  |

