

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM030819\  
 Data File : BM019081.D  
 Acq On : 08 Mar 2019 19:41  
 Operator : JU/SJ  
 Sample : K1807-31MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD

Manual Integrations  
 APPROVED

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 3/11/2019 5:47:22 PM

Quant Time: Mar 09 00:57:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 03:36:13 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 173216   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.46 | 136  | 653519   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.32 | 164  | 343883   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.07 | 188  | 718820   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.27 | 240  | 744479   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.52 | 264  | 869772   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.27  | 112 | 1265245 | 119.68 | ng | 0.00  |
| 7) Phenol-d6             | 6.85  | 99  | 1728940 | 116.09 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.84  | 82  | 1086698 | 76.89  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 574762  | 115.95 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 12.93 | 172 | 1882980 | 72.69  | ng | -0.02 |
| 79) Terphenyl-d14        | 19.72 | 244 | 2535816 | 70.27  | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 162040  | 35.192 | ng | 99     |
| 3) Pyridine                    | 3.63  | 79  | 287619  | 22.900 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.55  | 42  | 141028  | 44.138 | ng | 90     |
| 6) Aniline                     | 7.02  | 93  | 493804  | 27.061 | ng | 97     |
| 8) 2-Chlorophenol              | 7.23  | 128 | 449372  | 38.716 | ng | 99     |
| 9) Benzaldehyde                | 6.83  | 77  | 268462  | 31.012 | ng | 99     |
| 10) Phenol                     | 6.88  | 94  | 626017  | 39.949 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.11  | 93  | 429821  | 35.957 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.55  | 146 | 474362  | 36.346 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.70  | 146 | 485052  | 36.506 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 466487  | 36.551 | ng | 99     |
| 15) Benzyl Alcohol             | 7.92  | 79  | 418862  | 35.395 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 414995  | 35.870 | ng | 98     |
| 17) 2-Methylphenol             | 8.12  | 107 | 370280  | 37.126 | ng | 98     |
| 18) Hexachloroethane           | 8.73  | 117 | 175444  | 36.172 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.48  | 70  | 386261  | 33.497 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 494976  | 35.940 | ng | 99     |
| 22) Acetophenone               | 8.50  | 105 | 641586  | 35.749 | ng | 99     |
| 24) Nitrobenzene               | 8.88  | 77  | 547763  | 37.337 | ng | 98     |
| 25) Isophorone                 | 9.40  | 82  | 939568  | 41.663 | ng | 98     |
| 26) 2-Nitrophenol              | 9.58  | 139 | 228788  | 39.160 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.64  | 122 | 378169  | 44.317 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.88  | 93  | 561388  | 38.496 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.11 | 162 | 387182  | 39.516 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 428552  | 37.873 | ng | 98     |
| 31) Naphthalene                | 10.50 | 128 | 1293694 | 40.589 | ng | 99     |
| 32) Benzoic acid               | 9.77  | 122 | 159278m | 21.398 | ng |        |
| 33) 4-Chloroaniline            | 10.64 | 127 | 270957  | 19.018 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 229957  | 35.012 | ng | 99     |
| 35) Caprolactam                | 11.45 | 113 | 116146  | 29.045 | ng | 87     |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107 | 425727  | 36.038 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.12 | 142 | 904499  | 40.307 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.35 | 142 | 856040  | 39.011 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 425165  | 38.650 | ng | 99     |

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Instrument :  
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 TP-13MSD

Manual Integrations  
 APPROVED

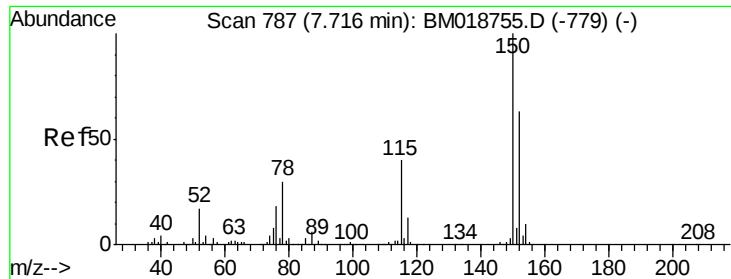
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 3/11/2019 5:47:22 PM

Quant Time: Mar 09 00:57:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 03:36:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 452753   | 80.500 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.75 | 196  | 299136   | 41.077 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.82 | 196  | 312505   | 40.942 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.15 | 154  | 1137063  | 38.413 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.19 | 162  | 878069   | 38.405 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.42 | 65   | 295552   | 38.923 | ng    | 99       |
| 49) Acenaphthylene             | 14.05 | 152  | 1408282  | 41.367 | ng    | 100      |
| 50) Dimethylphthalate          | 13.79 | 163  | 1229634  | 42.906 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.92 | 165  | 236154   | 38.039 | ng    | 99       |
| 52) Acenaphthene               | 14.39 | 154  | 812848   | 38.939 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.26 | 138  | 183176   | 26.114 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.46 | 184  | 251900   | 65.102 | ng    | 98       |
| 55) Dibenzofuran               | 14.73 | 168  | 1290608  | 37.615 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.57 | 139  | 413166   | 73.785 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.71 | 165  | 328490   | 38.403 | ng    | 98       |
| 58) Fluorene                   | 15.37 | 166  | 1032926  | 39.351 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 270935   | 40.158 | ng    | 99       |
| 60) Diethylphthalate           | 15.16 | 149  | 1056528  | 35.738 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 503663   | 34.223 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.42 | 138  | 230174   | 33.471 | ng    | 98       |
| 63) Azobenzene                 | 15.66 | 77   | 1129884  | 35.645 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 171988   | 34.078 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.59 | 169  | 893092   | 39.325 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.27 | 248  | 294144   | 36.558 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.37 | 284  | 350826   | 37.513 | ng    | 98       |
| 69) Atrazine                   | 16.55 | 200  | 293873   | 40.138 | ng    | 99       |
| 70) Pentachlorophenol          | 16.73 | 266  | 429378   | 71.305 | ng    | 99       |
| 71) Phenanthrene               | 17.12 | 178  | 1554748  | 40.247 | ng    | 99       |
| 72) Anthracene                 | 17.21 | 178  | 1568453  | 41.714 | ng    | 100      |
| 73) Carbazole                  | 17.49 | 167  | 1477788  | 37.619 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.05 | 149  | 1684341  | 37.282 | ng    | 100      |
| 75) Fluoranthene               | 19.14 | 202  | 1727030  | 38.703 | ng    | 99       |
| 77) Benzidine                  | 19.35 | 184  | 232476   | 13.865 | ng    | 99       |
| 78) Pyrene                     | 19.51 | 202  | 1766926  | 40.865 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.41 | 149  | 753739   | 38.250 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.26 | 228  | 1668745  | 38.453 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 522602   | 30.470 | ng    | 99       |
| 83) Chrysene                   | 21.31 | 228  | 1646945  | 39.594 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 1047140  | 36.307 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.06 | 149  | 1811687  | 37.375 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.79 | 276  | 2582552  | 53.776 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.84 | 252  | 1923302  | 38.649 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.89 | 252  | 1868986  | 37.725 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.42 | 252  | 1906217  | 40.436 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.80 | 278  | 2200960  | 47.125 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.49 | 276  | 2151506  | 49.481 | ng    | 99       |

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





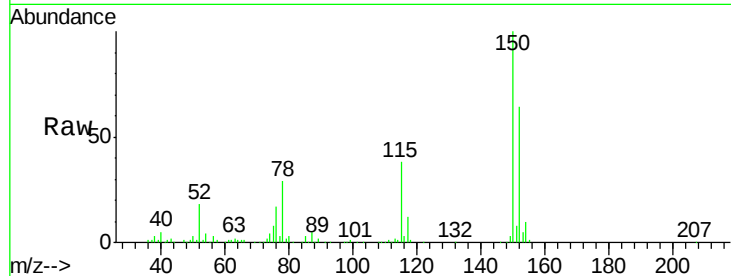
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

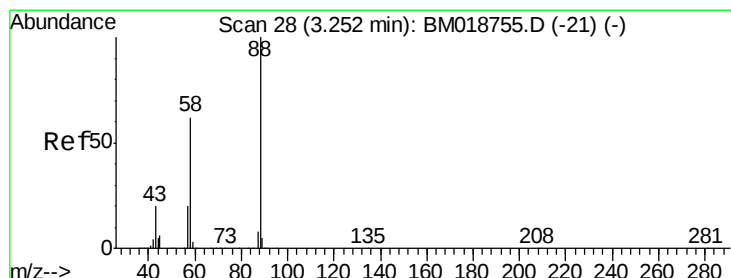
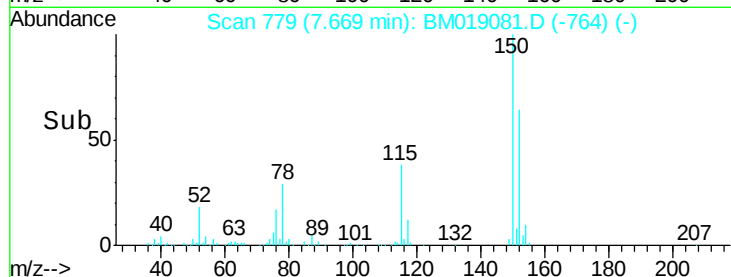
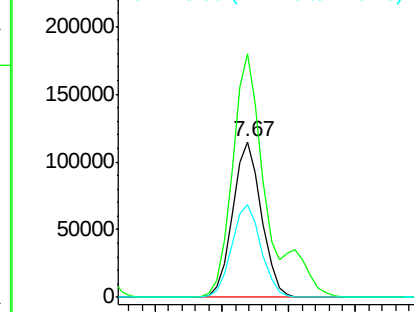
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 127.3 | 190.9 |
| 115     | 59.4  | 50.8  | 76.2  |

Manual Integrations  
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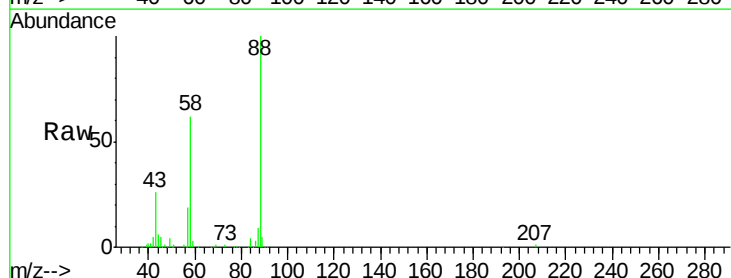


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E

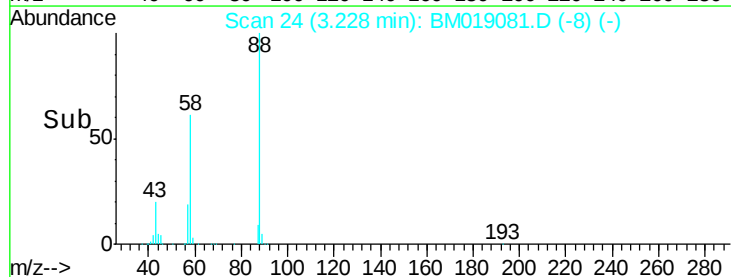
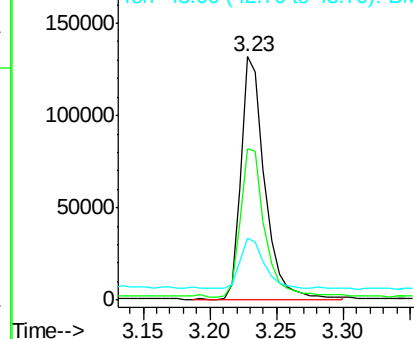


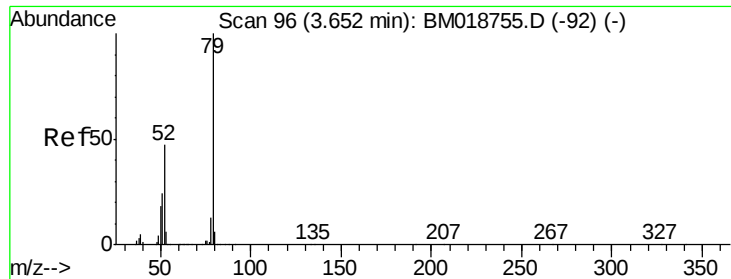
#2  
1,4-Dioxane  
Concen: 35.192 ng  
RT: 3.23 min Scan# 24  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.9  | 49.8  | 74.6  |
| 43      | 21.3  | 16.7  | 25.1  |



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





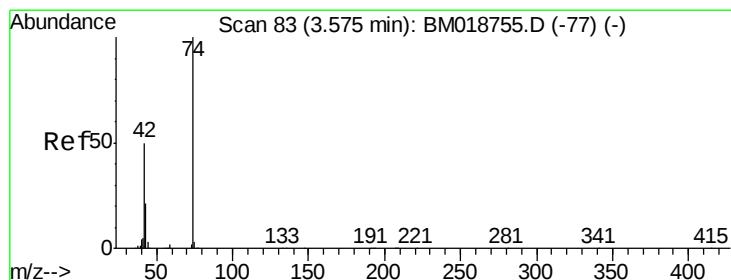
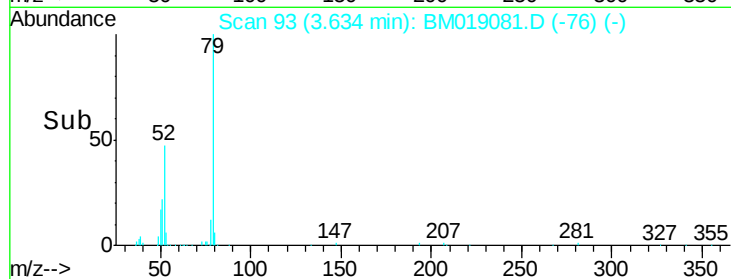
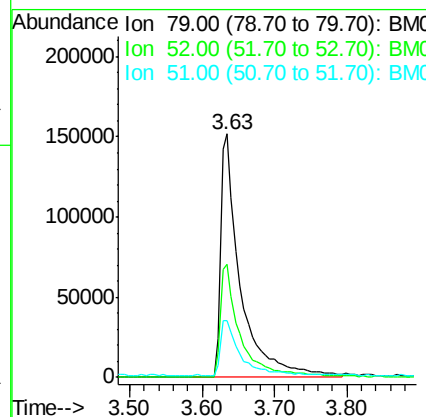
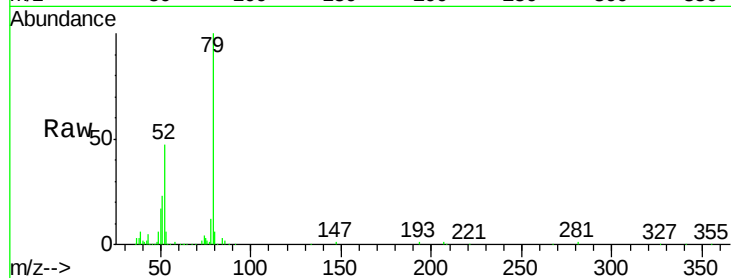
#3  
 Pyridine  
 Concen: 22.900 ng  
 RT: 3.63 min Scan# 93  
 Delta R.T. 0.00 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 287619 |       |       |
| 52      | 46.7  |        | 37.6  | 56.4  |
| 51      | 23.2  |        | 19.7  | 29.5  |

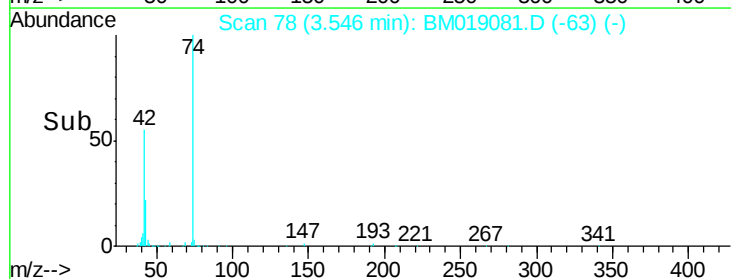
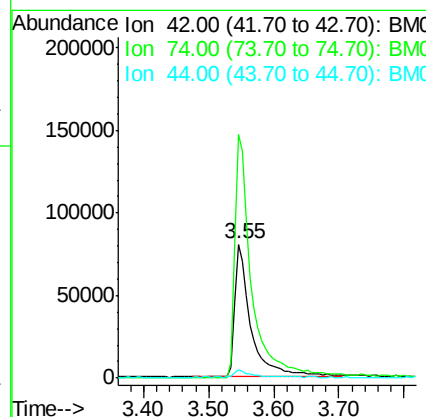
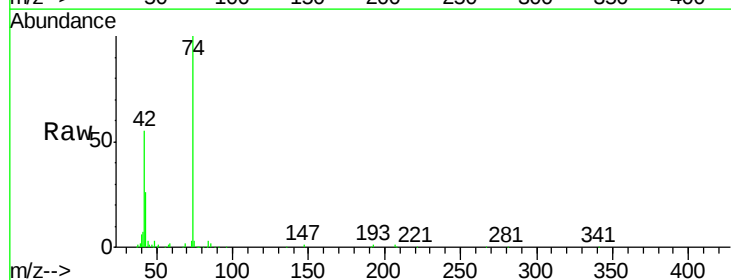
Manual Integrations  
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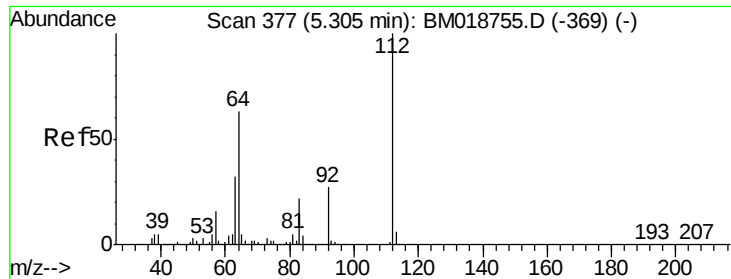
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#4  
 n-Nitrosodimethylamine  
 Concen: 44.138 ng  
 RT: 3.55 min Scan# 78  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 42      | 100   | 141028 |       |       |
| 74      | 181.5 |        | 158.1 | 237.1 |
| 44      | 6.2   |        | 4.9   | 7.3   |





#5

2-Fluorophenol

Concen: 119.681 ng

RT: 5.27 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

ClientSampled :

TP-13MSD

Tgt Ion: 112 Resp: 1265245

Ion Ratio Lower Upper

112 100

64 61.8 50.6 75.8

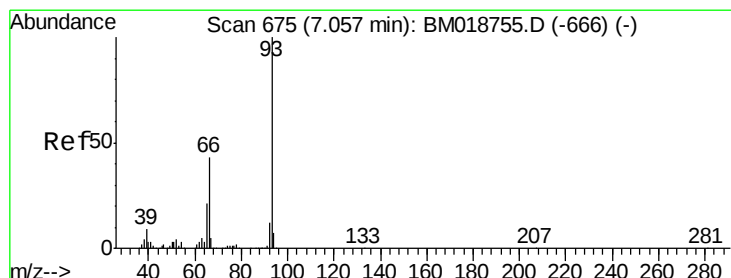
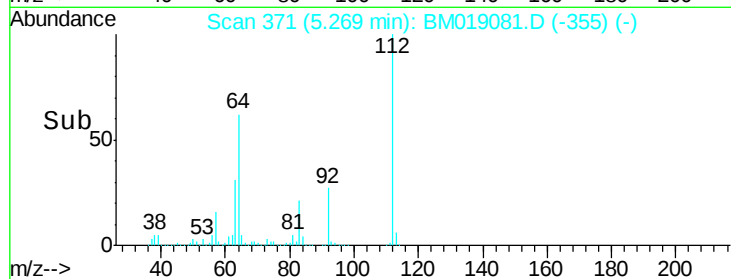
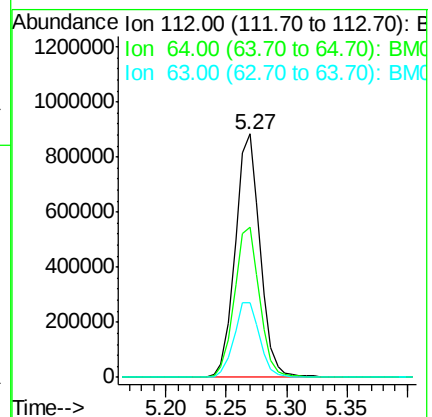
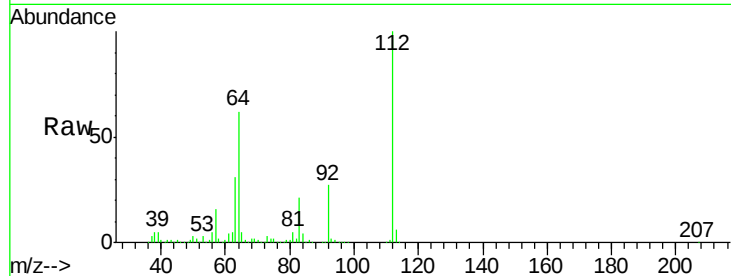
63 30.7 25.7 38.5

Manual Integrations

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#6

Aniline

Concen: 27.061 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

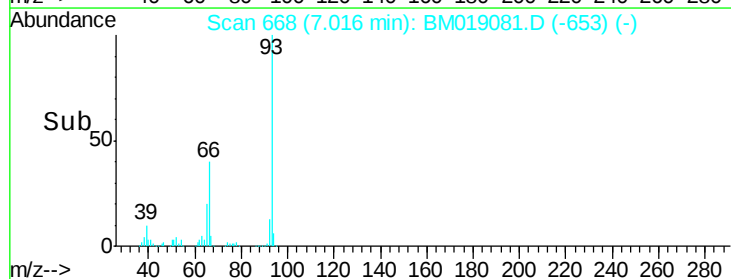
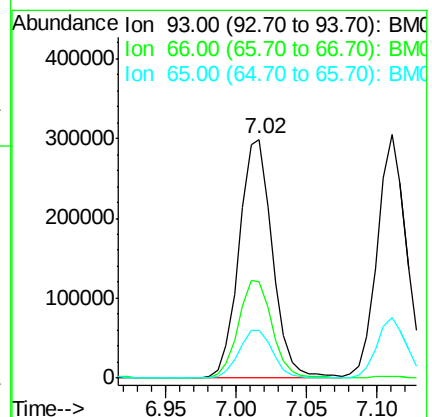
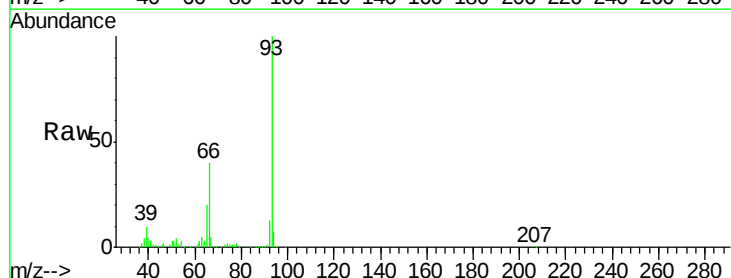
Tgt Ion: 93 Resp: 493804

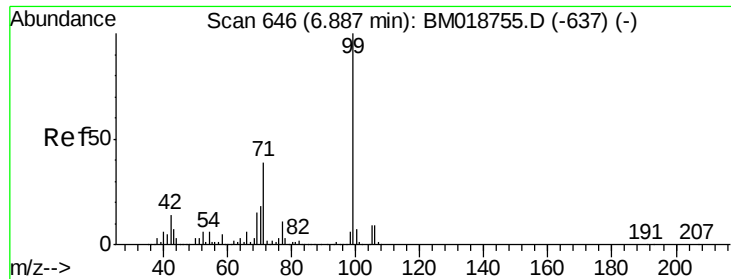
Ion Ratio Lower Upper

93 100

66 40.5 34.1 51.1

65 20.3 16.6 24.8





#7

Phenol-d6

Concen: 116.090 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

ClientSampled :

TP-13MSD

Tgt Ion: 99 Resp: 1728940

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

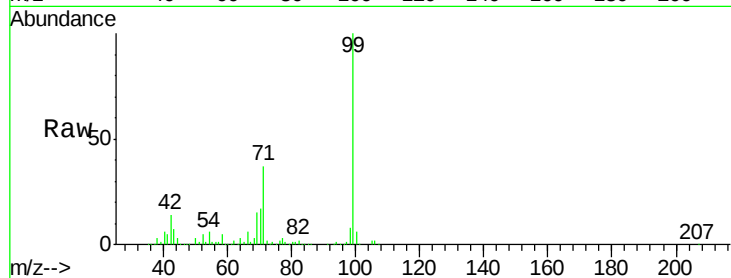
71 36.8 31.3 46.9

Manual Integrations

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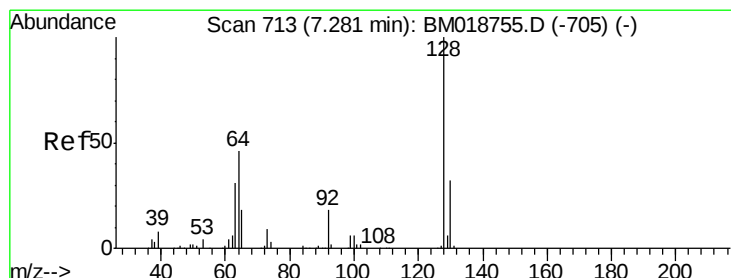
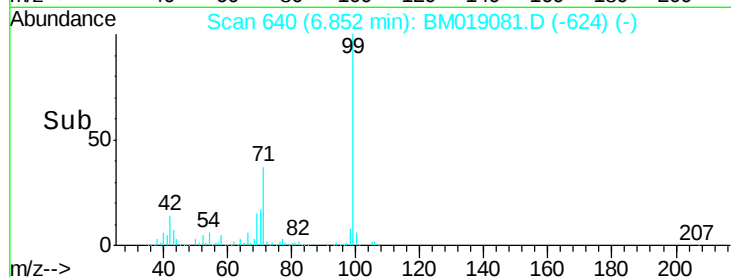
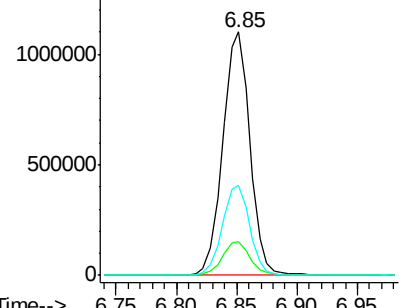
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 38.716 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

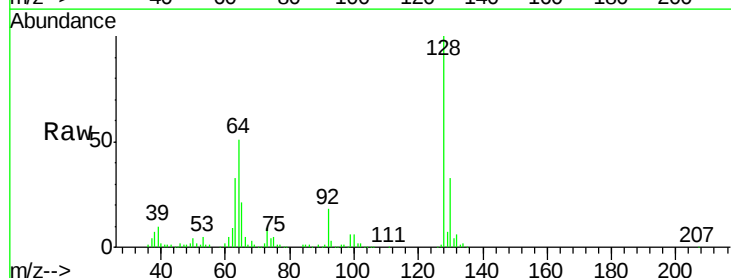
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Ion Ratio Lower Upper

128 100

130 32.9 11.7 51.7

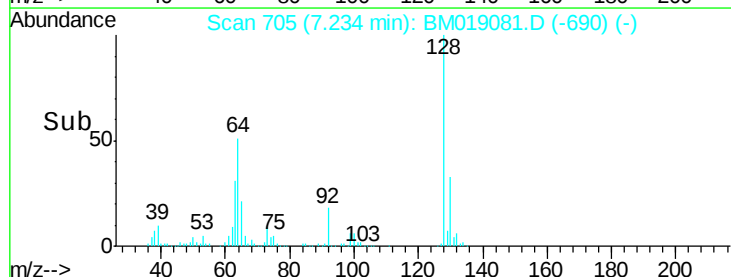
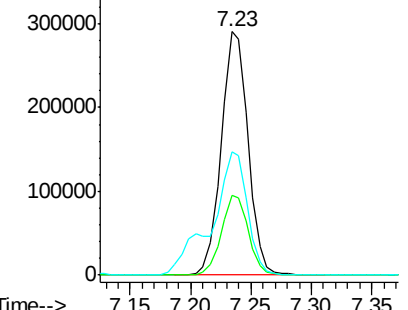
64 50.7 31.0 71.0

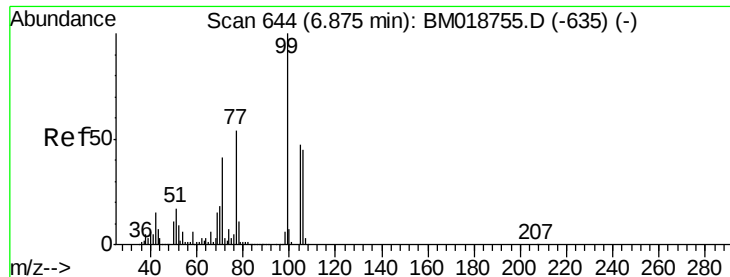


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 31.012 ng

RT: 6.83 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

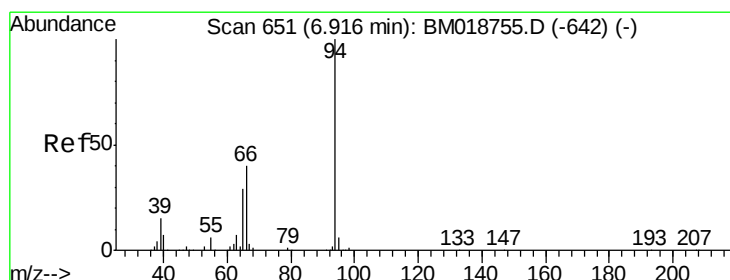
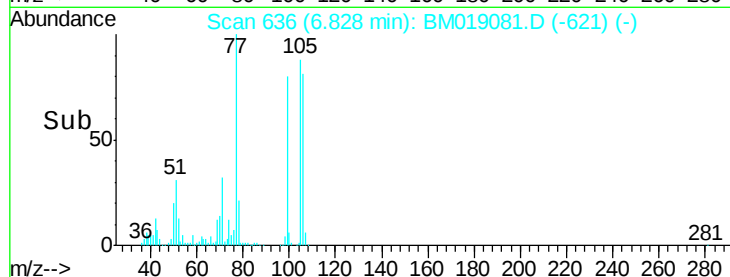
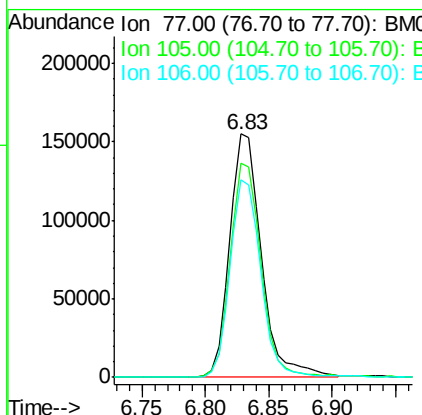
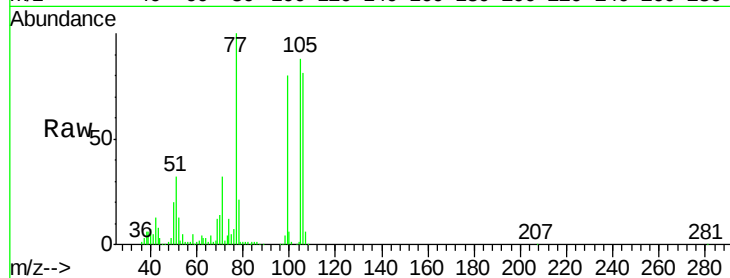
ClientSampleId :

TP-13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 268462 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 87.7  | 67.3  | 107.3  |
| 106       | 81.1  | 62.9  | 102.9  |

Manual Integrations  
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#10

Phenol

Concen: 39.949 ng

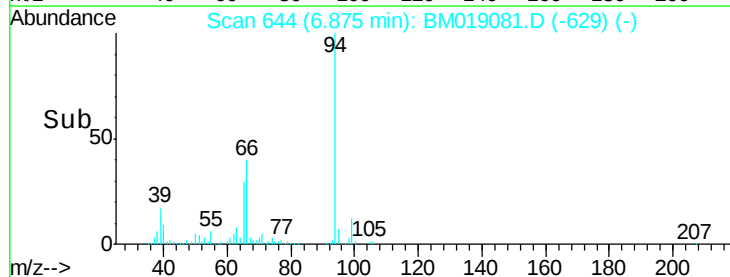
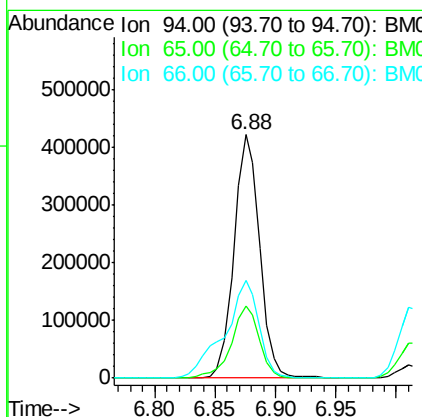
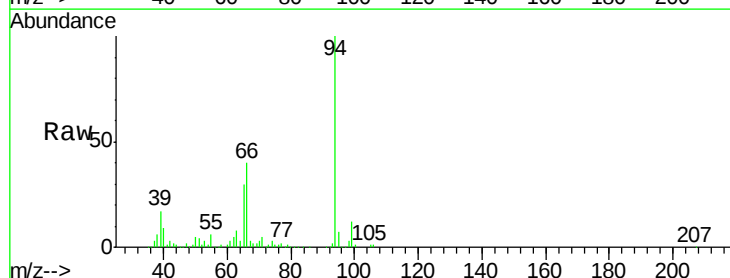
RT: 6.88 min Scan# 644

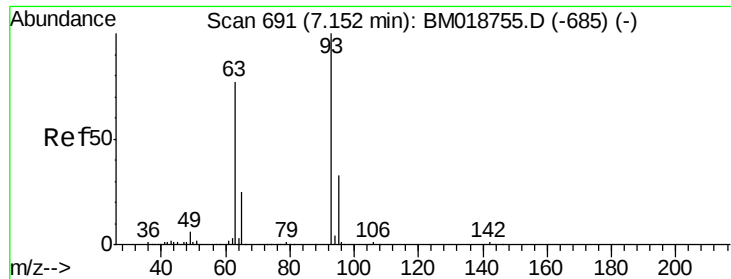
Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 626017 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 29.7  | 9.6   | 49.6   |
| 66        | 40.3  | 20.4  | 60.4   |





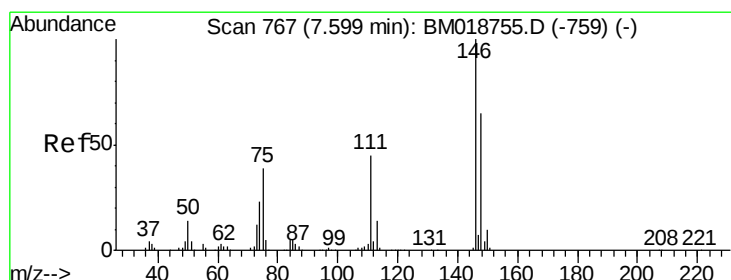
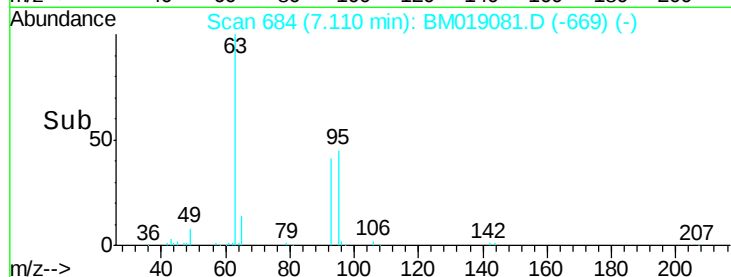
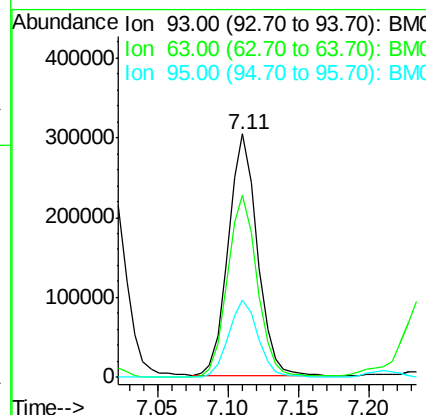
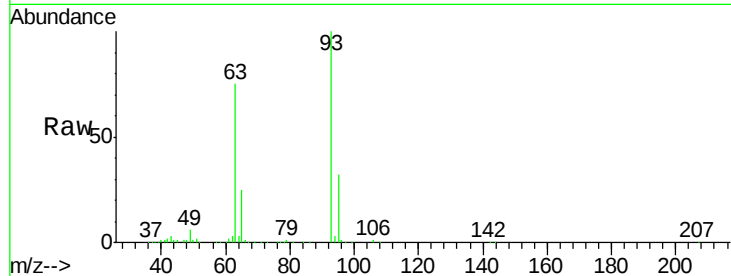
#11  
bis(2-Chloroethyl)ether  
Concen: 35.957 ng  
RT: 7.11 min Scan# 684  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 429821 |       |       |
| 63      | 74.6  | 57.0   | 97.0  |       |
| 95      | 31.8  | 12.4   | 52.4  |       |

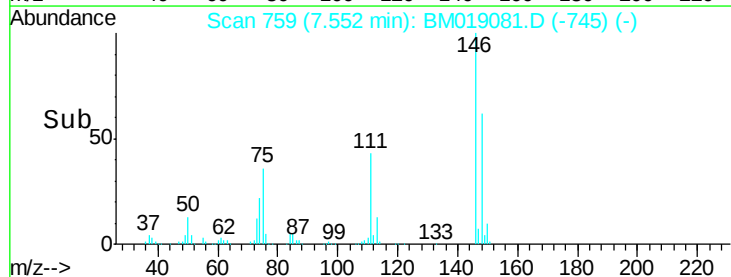
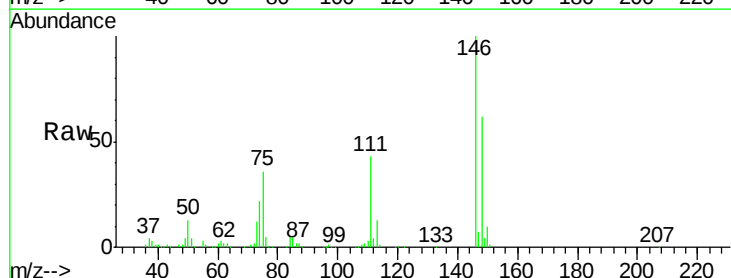
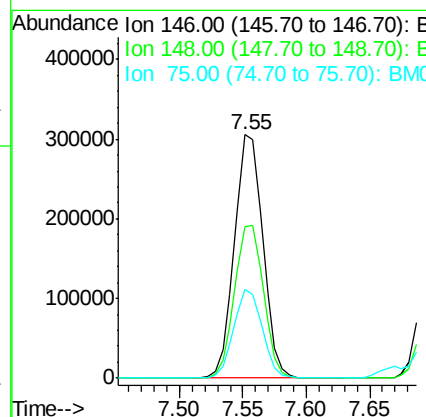
Manual Integrations  
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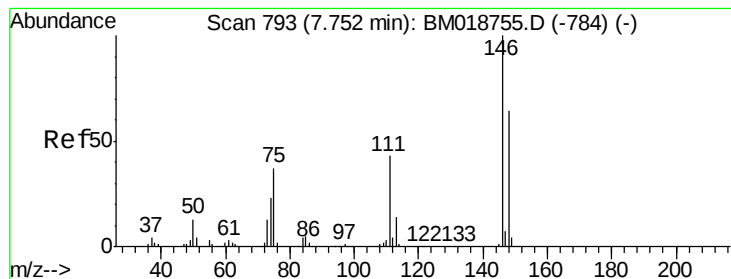
Sohil  
3/11/2019 5:47:22 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.346 ng  
RT: 7.55 min Scan# 759  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 474362 |       |       |
| 148     | 62.3  | 51.7   | 77.5  |       |
| 75      | 36.3  | 31.3   | 46.9  |       |





#13

1,4-Dichlorobenzene

Concen: 36.506 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

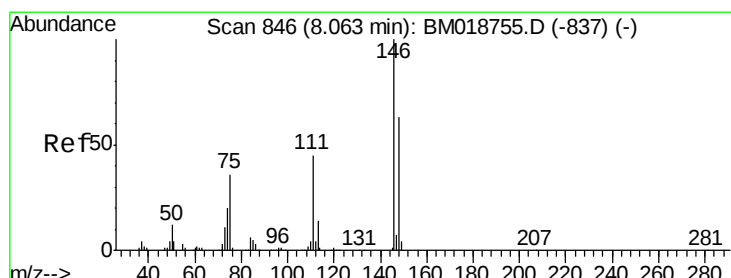
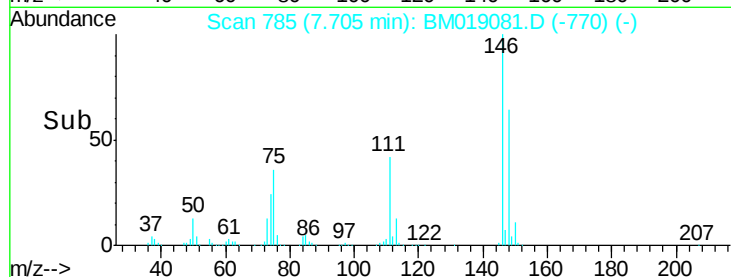
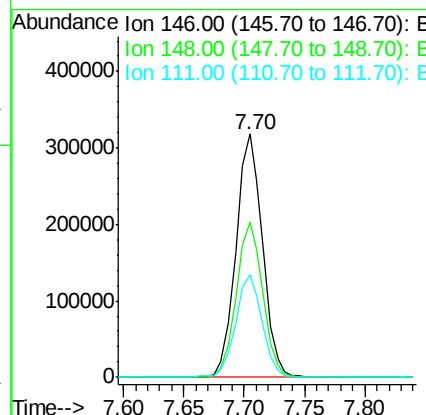
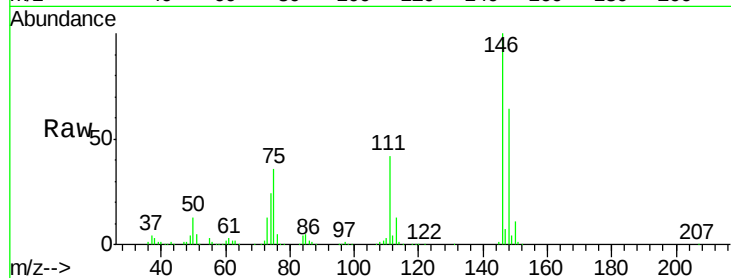
ClientSampleId :

TP-13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 485052 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 51.4  | 77.2   |
| 111       | 42.4  | 34.6  | 52.0   |

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#14

1,2-Dichlorobenzene

Concen: 36.551 ng

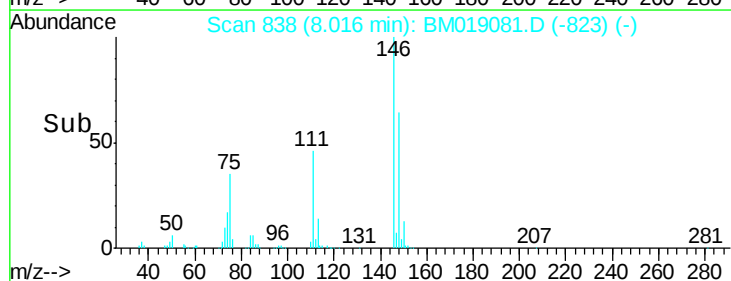
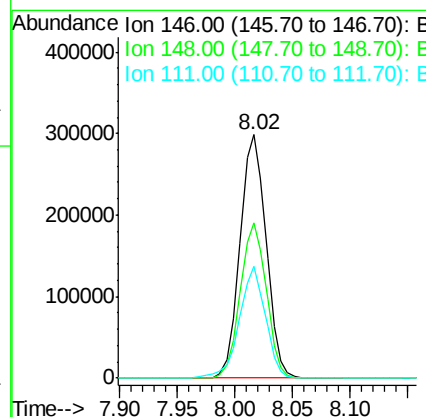
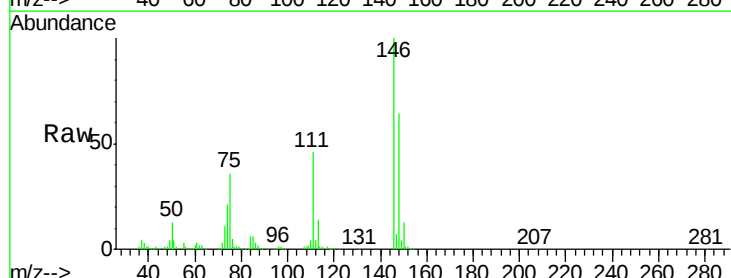
RT: 8.02 min Scan# 838

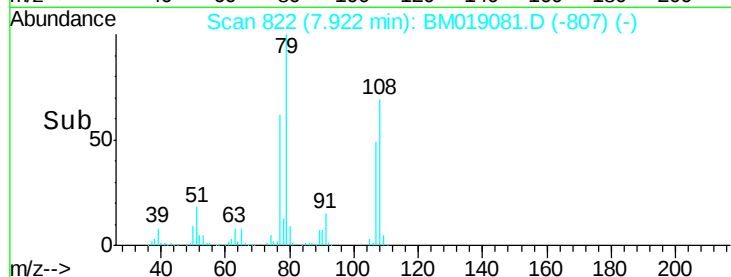
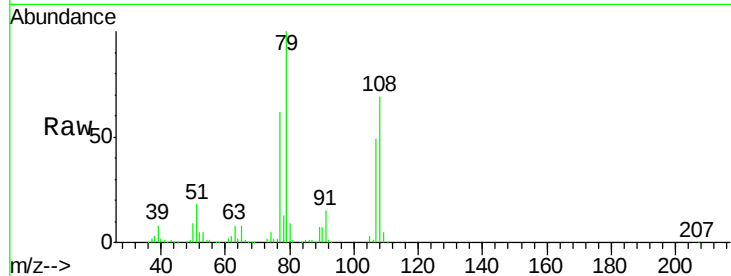
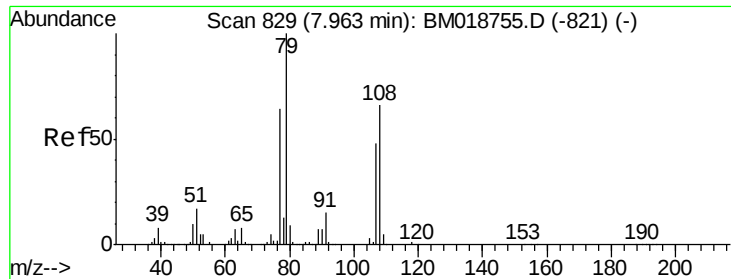
Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 466487 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.7  | 50.7  | 76.1   |
| 111       | 45.8  | 35.9  | 53.9   |





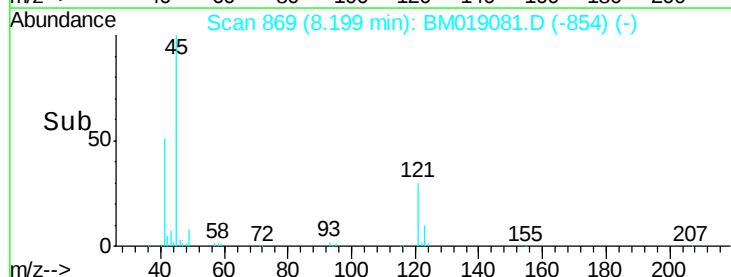
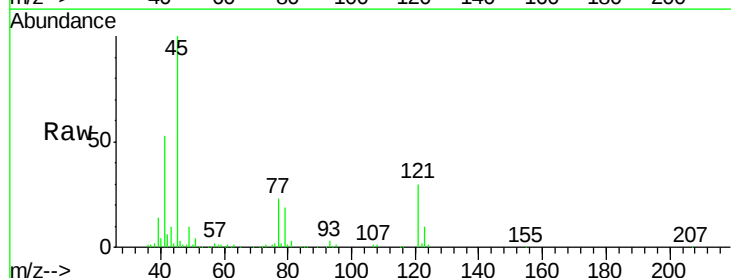
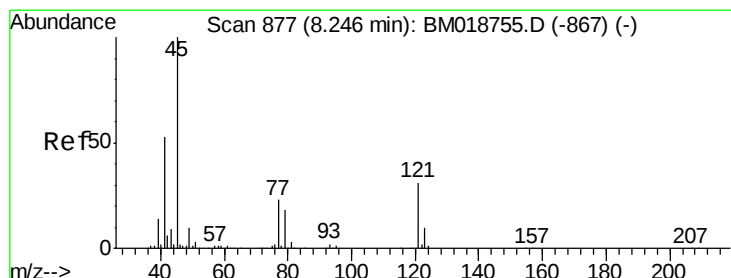
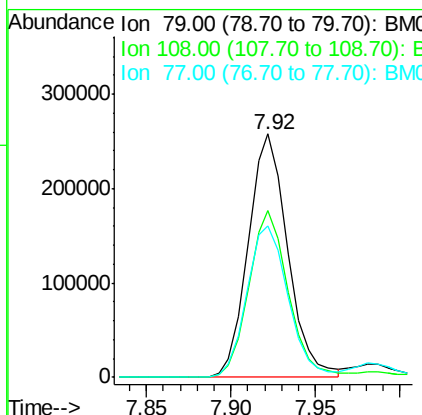
#15  
Benzyl Alcohol  
Concen: 35.395 ng  
RT: 7.92 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 68.6  | 52.7  | 79.1  |
| 77      | 62.0  | 51.0  | 76.4  |

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

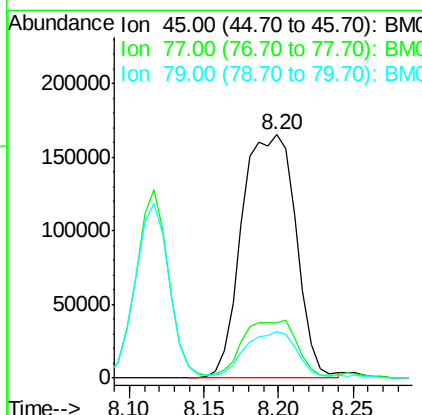
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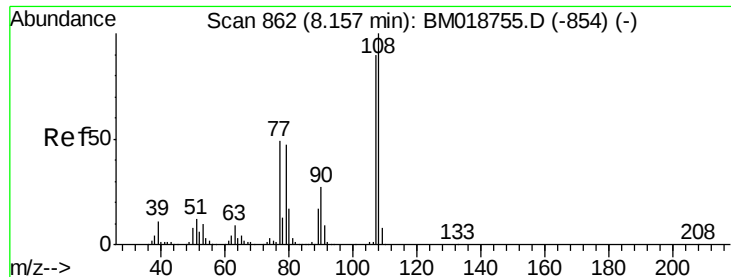
Sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.870 ng  
RT: 8.20 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 22.9  | 5.0   | 45.0  |
| 79      | 19.2  | 0.0   | 39.3  |





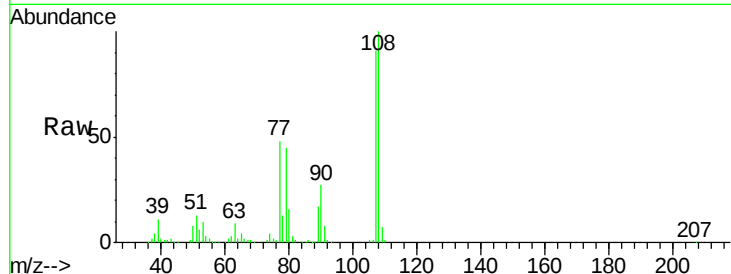
#17  
2-Methylphenol  
Concen: 37.126 ng  
RT: 8.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampled :  
TP-13MSD

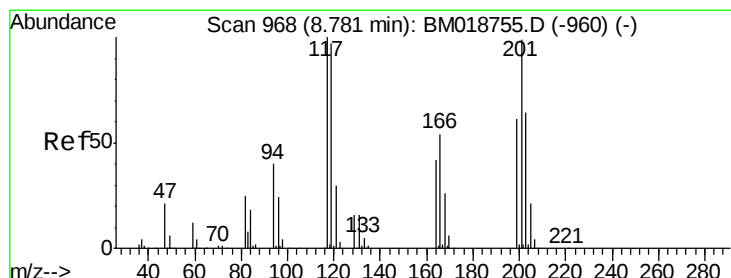
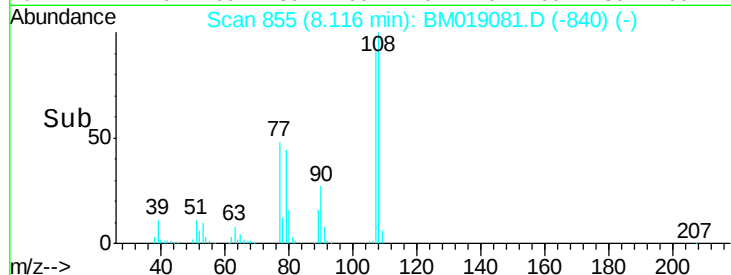
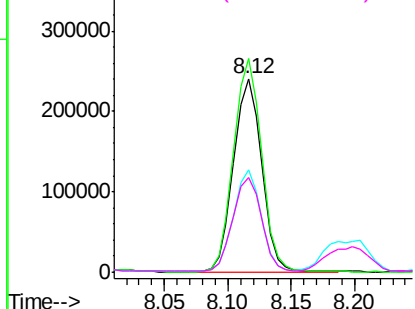
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 370280 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.1 | 88.8  | 133.2  |
| 77        | 53.0  | 44.0  | 66.0   |
| 79        | 49.2  | 42.4  | 63.6   |

Manual Integrations  
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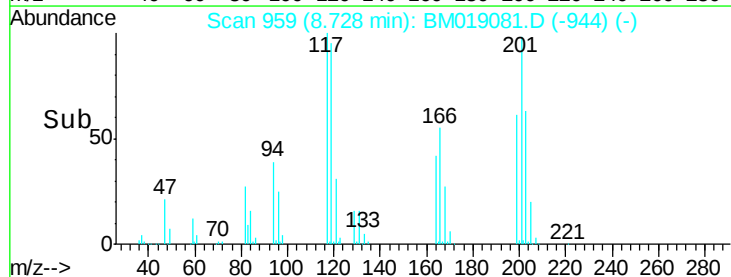
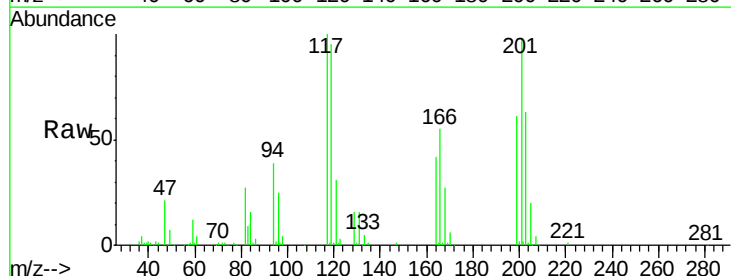
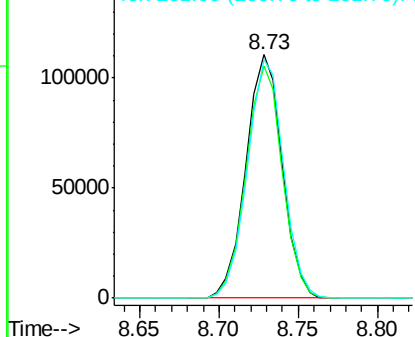
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM  
Ion 79.00 (78.70 to 79.70): BM

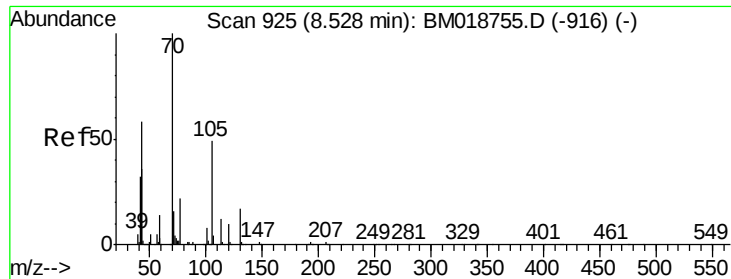


#18  
Hexachloroethane  
Concen: 36.172 ng  
RT: 8.73 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 175444 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.3  | 77.9  | 116.9  |
| 201       | 98.0  | 79.2  | 118.8  |

Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





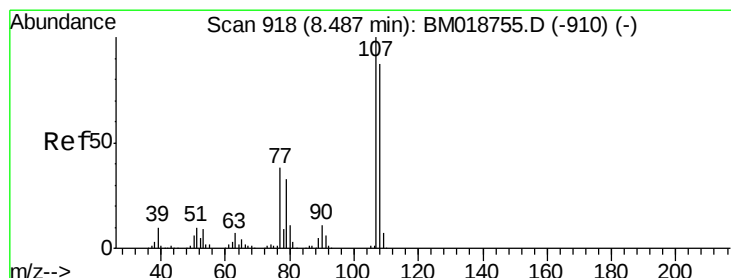
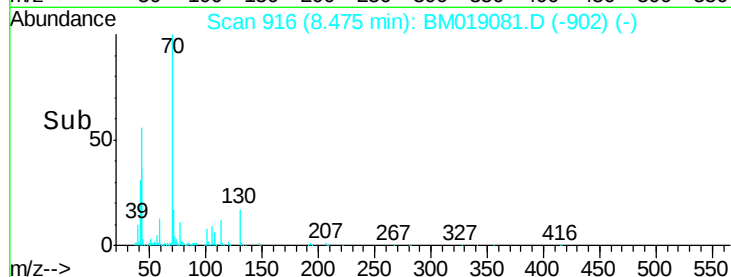
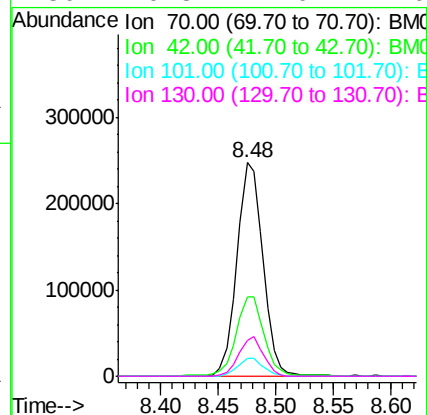
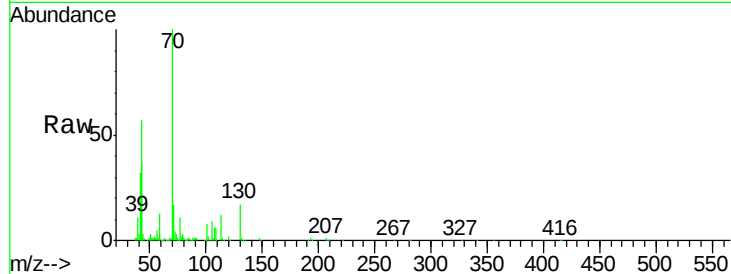
#19  
n-Nitroso-di-n-propylamine  
Concen: 33.497 ng  
RT: 8.48 min Scan# 916  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 37.0  | 29.4  | 44.0  |
| 101     | 8.2   | 6.7   | 10.1  |
| 130     | 16.8  | 14.0  | 21.0  |

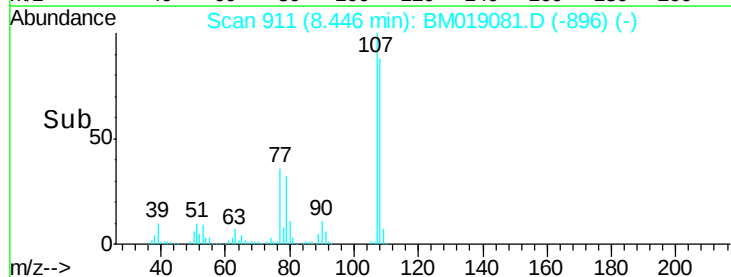
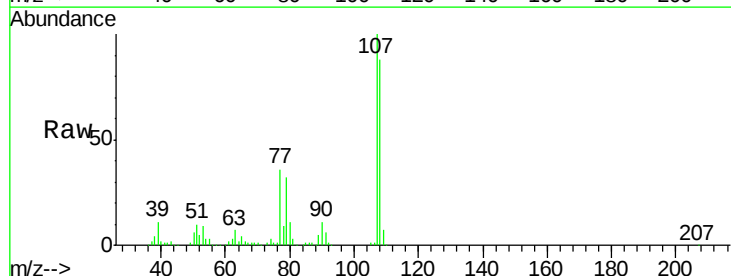
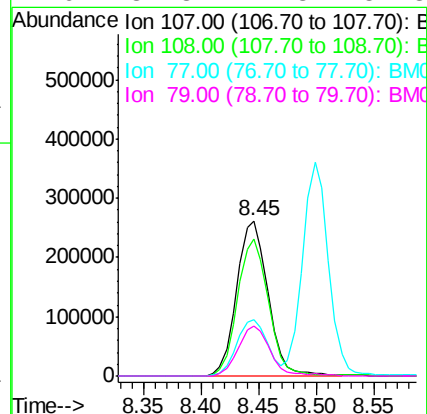
Manual Integrations  
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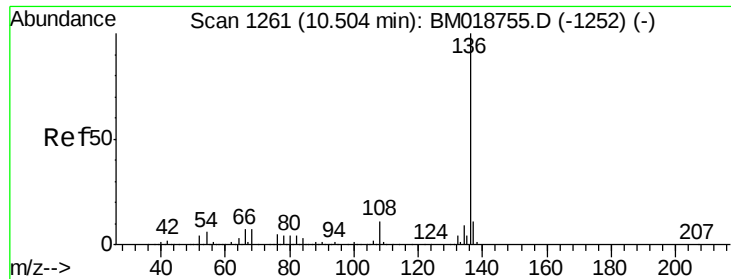
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3/11/2019 5:47:22 PM



#20  
3+4-Methylphenols  
Concen: 35.940 ng  
RT: 8.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.1  | 67.3  | 107.3 |
| 77      | 36.3  | 18.0  | 58.0  |
| 79      | 32.3  | 12.8  | 52.8  |





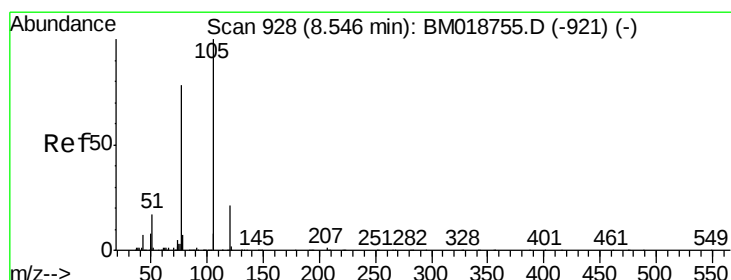
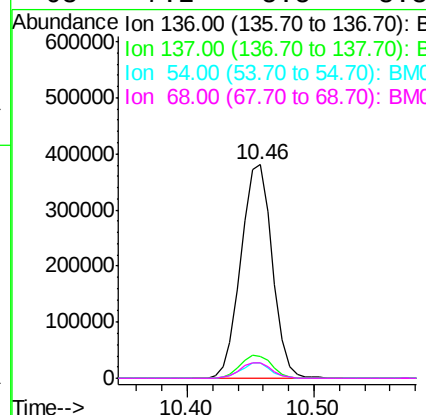
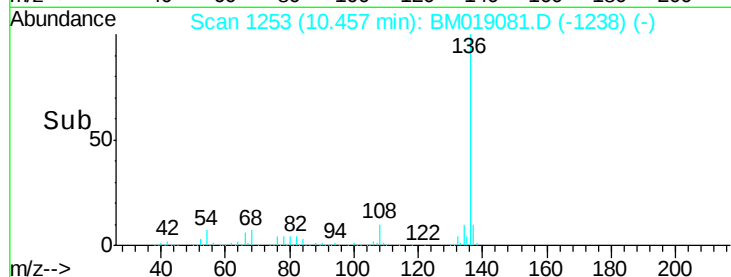
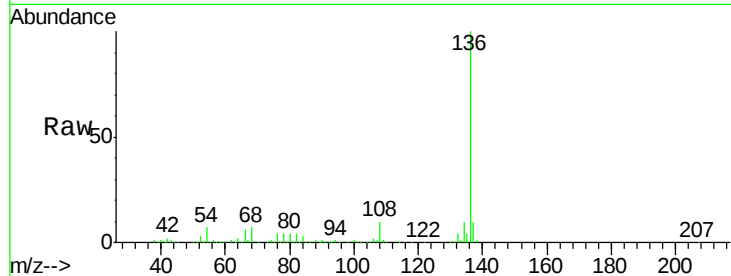
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.46 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 653519 |       |       |
| 137     | 10.4  | 8.8    | 13.2  |       |
| 54      | 7.0   | 5.0    | 7.6   |       |
| 68      | 7.2   | 5.5    | 8.3   |       |

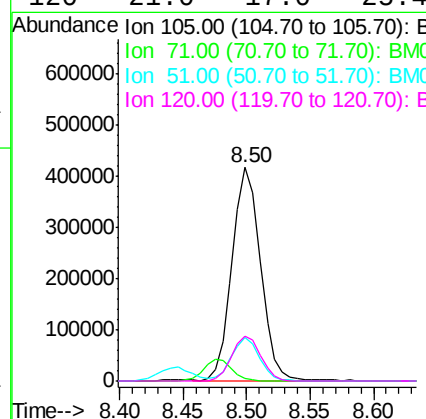
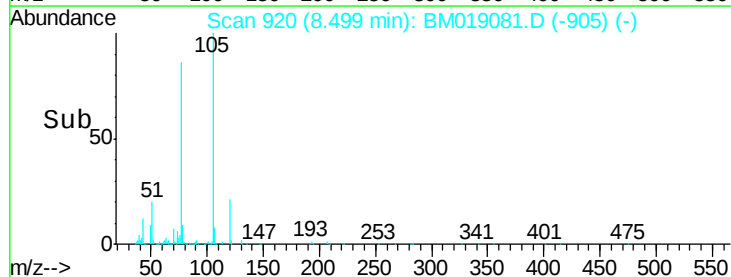
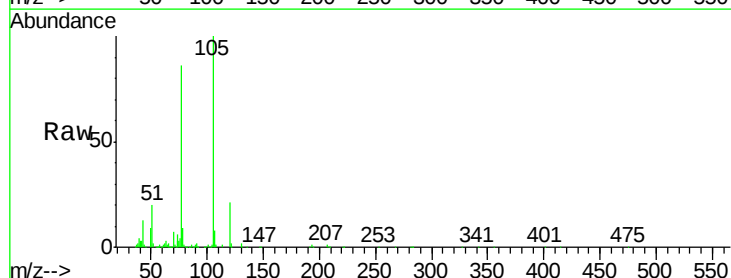
Manual Integrations  
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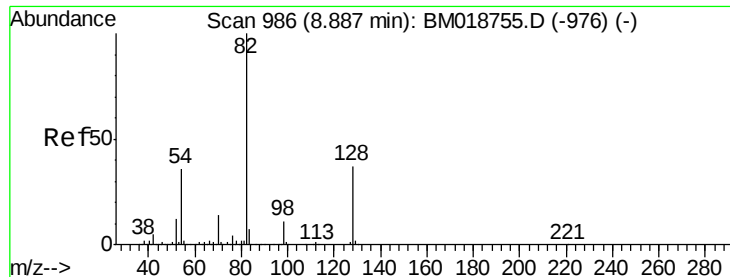
Sohil  
3/11/2019 5:47:22 PM



#22  
Acetophenone  
Concen: 35.749 ng  
RT: 8.50 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 641586 |       |       |
| 71      | 1.1   | 1.1    | 1.7   |       |
| 51      | 20.5  | 15.5   | 23.3  |       |
| 120     | 21.0  | 17.0   | 25.4  |       |





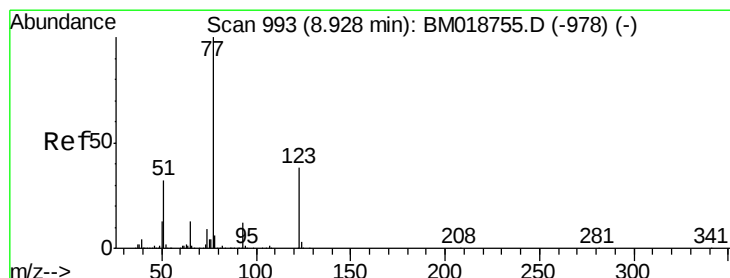
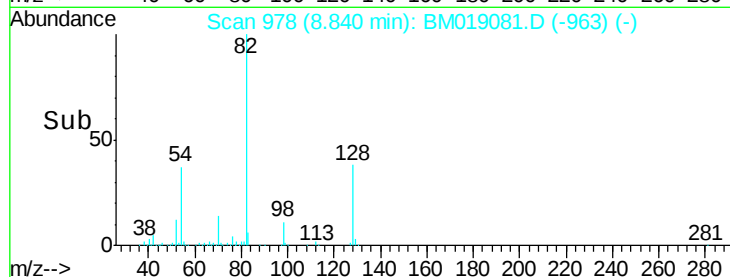
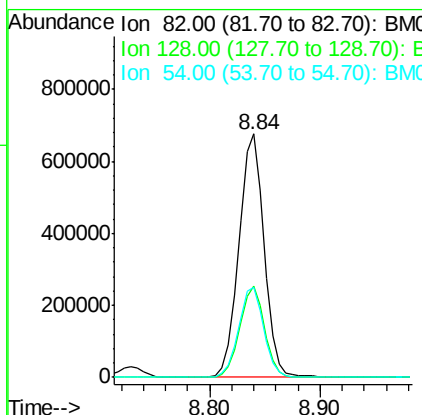
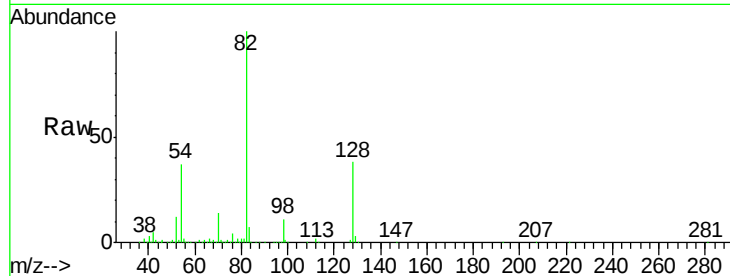
#23  
 Nitrobenzene-d5  
 Concen: 76.887 ng  
 RT: 8.84 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.7  | 29.9  | 44.9  |
| 54      | 37.1  | 29.1  | 43.7  |

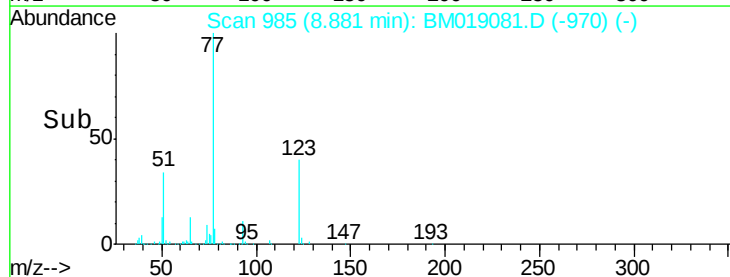
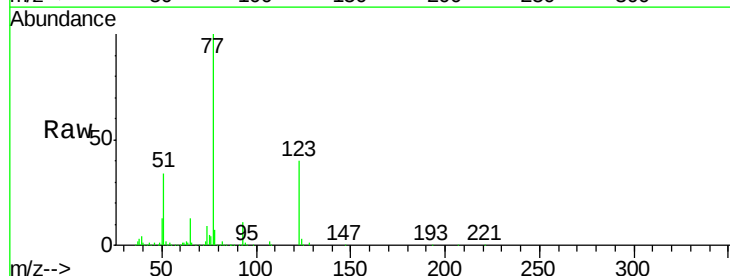
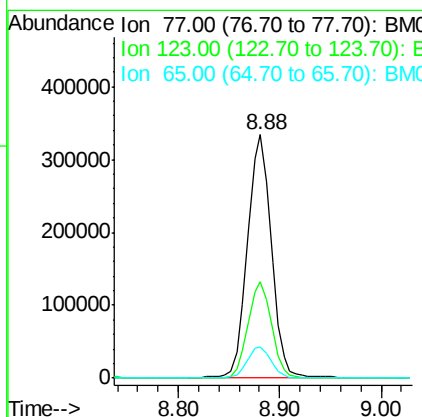
Manual Integrations  
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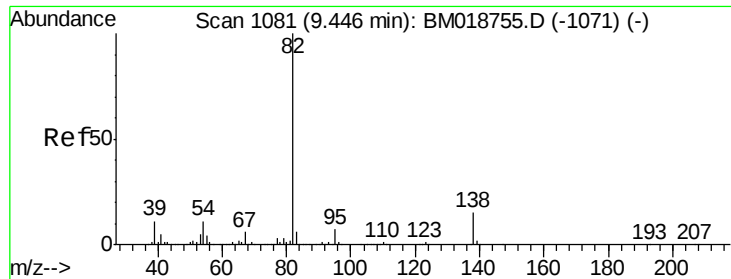
Sohil  
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#24  
 Nitrobenzene  
 Concen: 37.337 ng  
 RT: 8.88 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.7  | 30.7  | 46.1  |
| 65      | 12.9  | 10.5  | 15.7  |





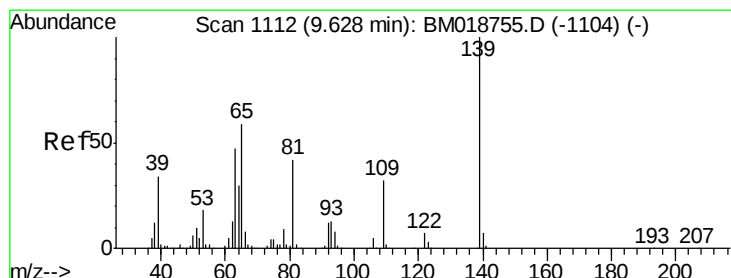
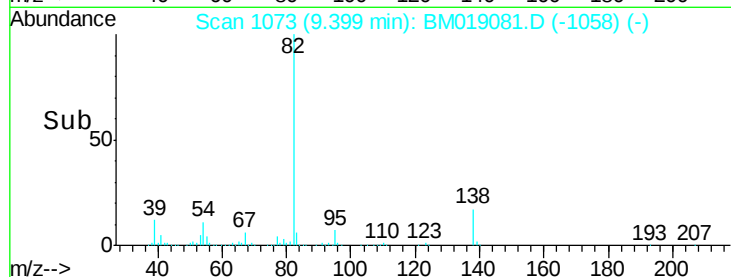
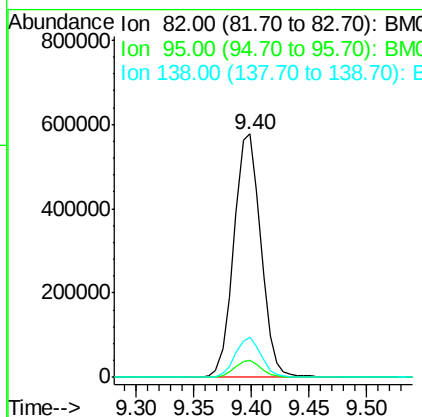
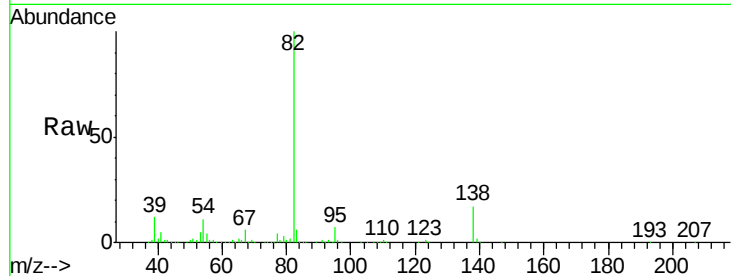
#25  
Isophorone  
Concen: 41.663 ng  
RT: 9.40 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 939568 |       |       |
| 95      | 6.9   | 5.7    | 8.5   |       |
| 138     | 16.6  | 12.3   | 18.5  |       |

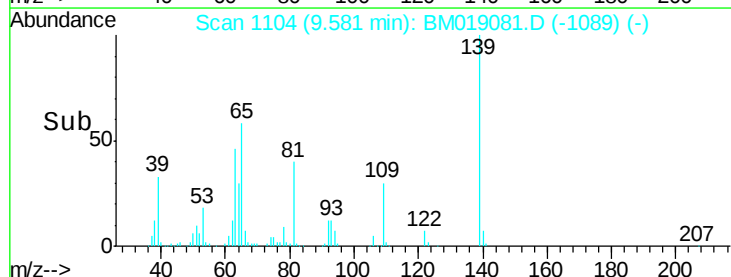
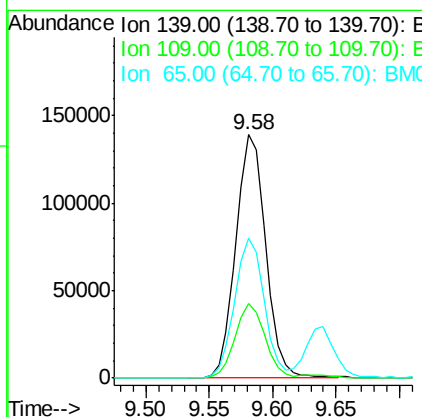
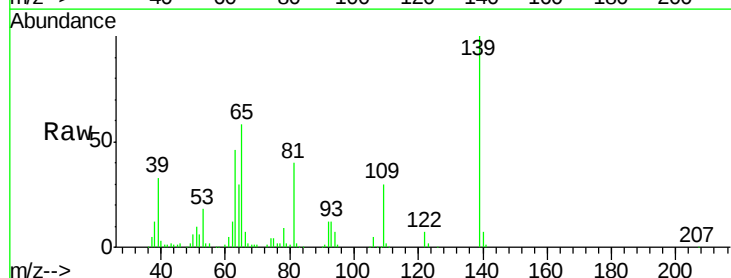
Manual Integrations  
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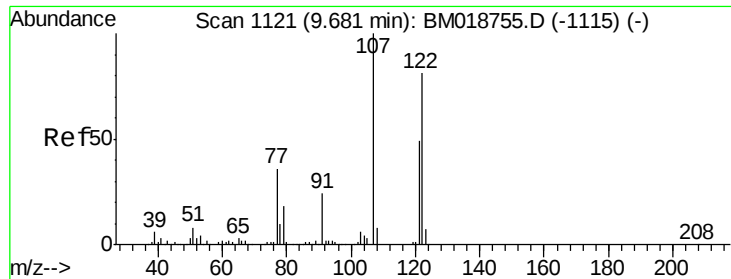
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#26  
2-Nitrophenol  
Concen: 39.160 ng  
RT: 9.58 min Scan# 1104  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 228788 |       |       |
| 109     | 30.5  | 25.2   | 37.8  |       |
| 65      | 57.6  | 47.0   | 70.4  |       |





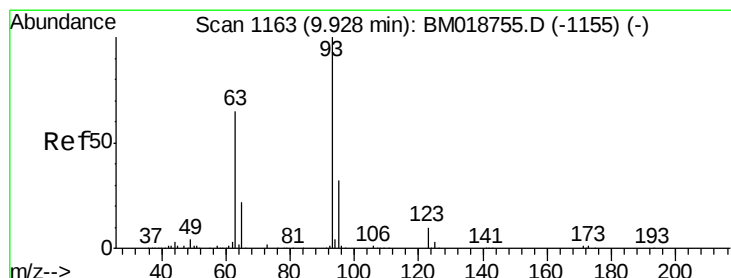
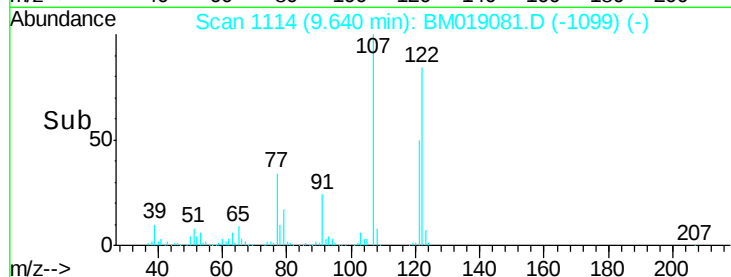
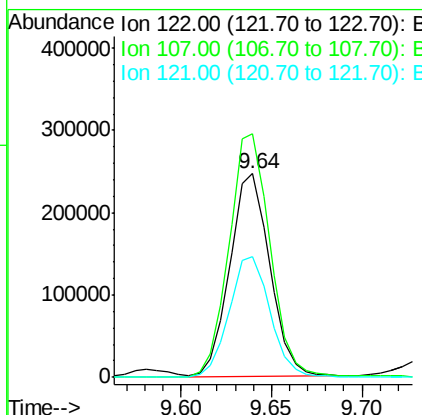
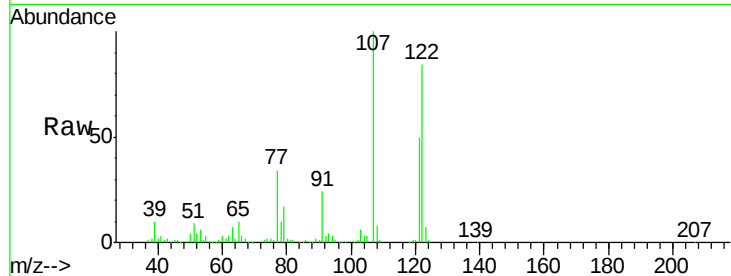
#27  
 2,4-Dimethylphenol  
 Concen: 44.317 ng  
 RT: 9.64 min Scan# 1114  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 378169 |       |       |
| 107     | 119.6 | 97.6   | 146.4 |       |
| 121     | 59.4  | 47.9   | 71.9  |       |

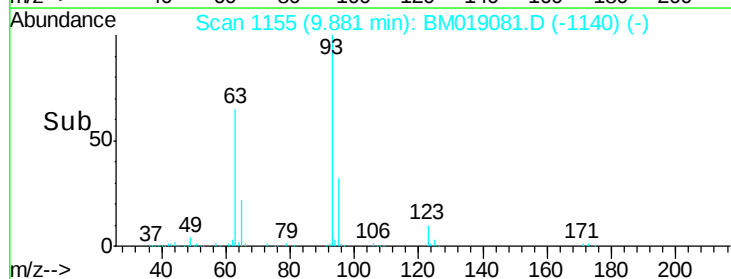
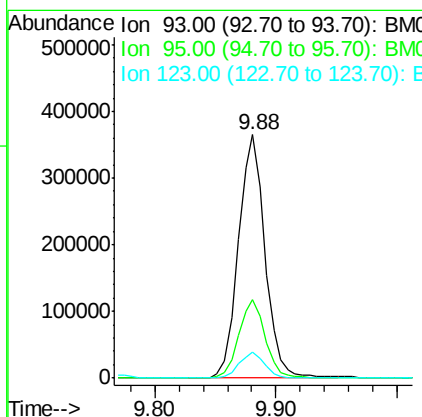
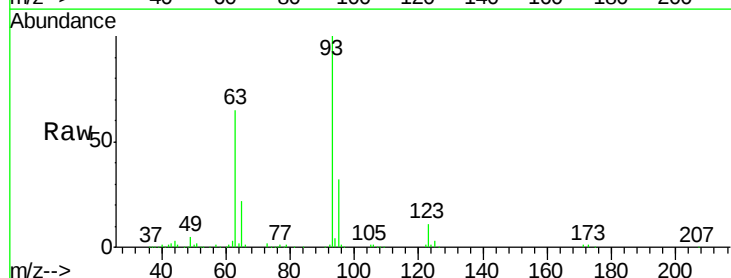
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.496 ng  
 RT: 9.88 min Scan# 1155  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 561388 |       |       |
| 95      | 32.4  | 25.6   | 38.4  |       |
| 123     | 10.6  | 8.2    | 12.4  |       |





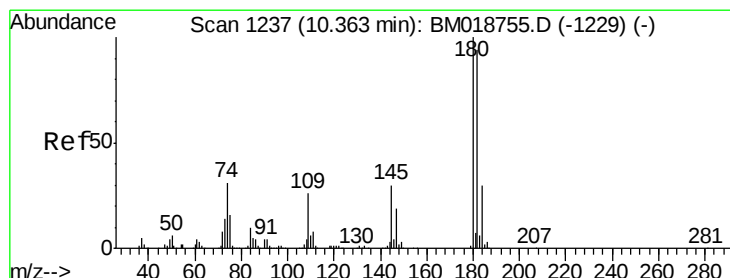
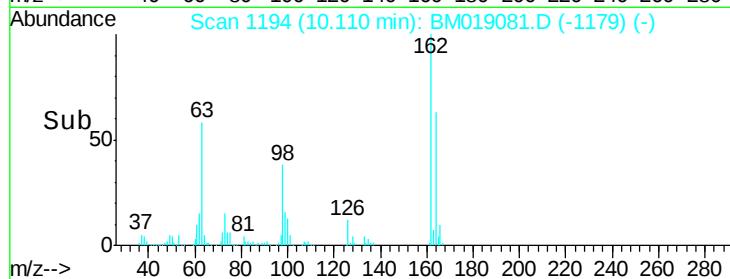
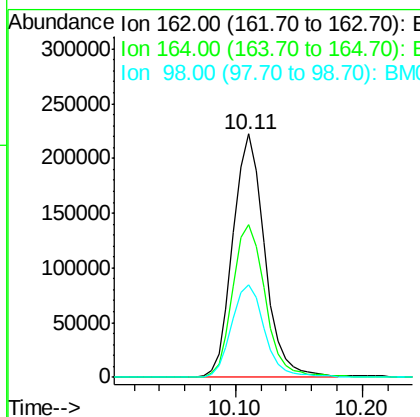
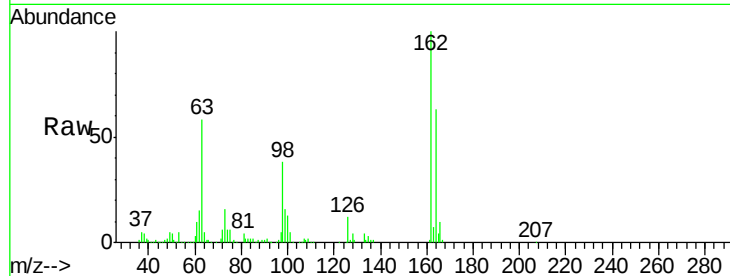
#29  
2,4-Dichlorophenol  
Concen: 39.516 ng  
RT: 10.11 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 62.8  | 44.1       | 84.1       |
| 98      | 38.2  | 19.4       | 59.4       |

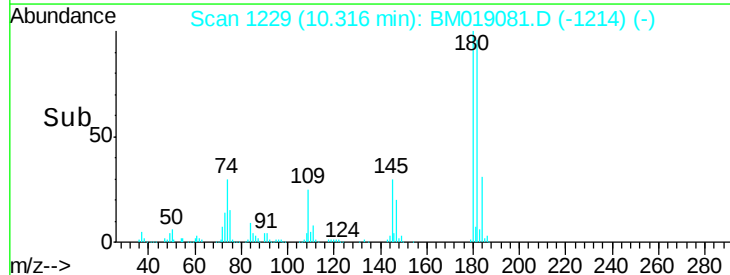
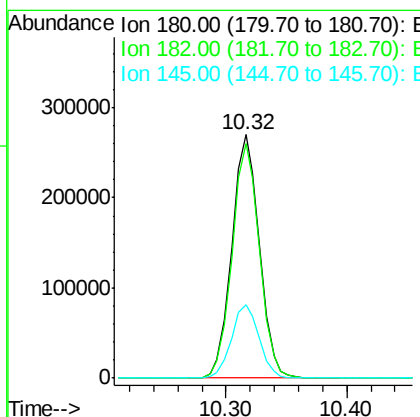
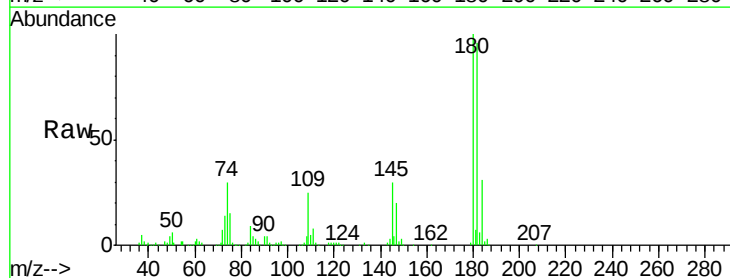
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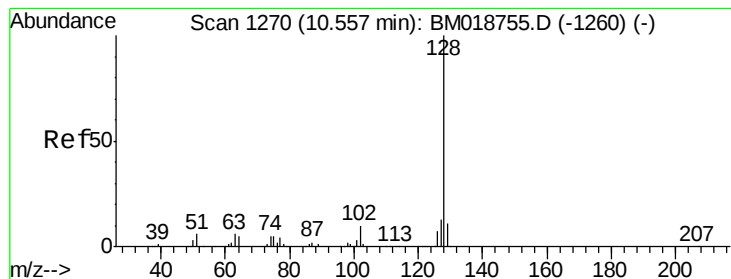
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#30  
1,2,4-Trichlorobenzene  
Concen: 37.873 ng  
RT: 10.32 min Scan# 1229  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 96.4  | 75.0       | 112.6      |
| 145     | 30.3  | 24.1       | 36.1       |





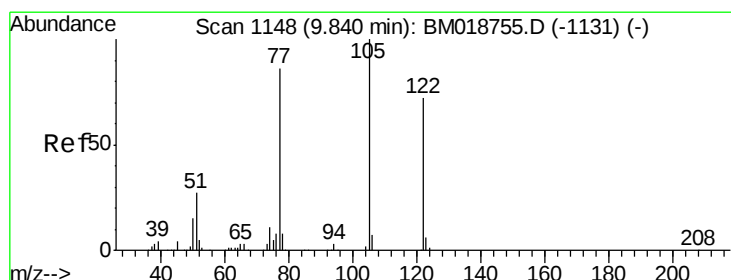
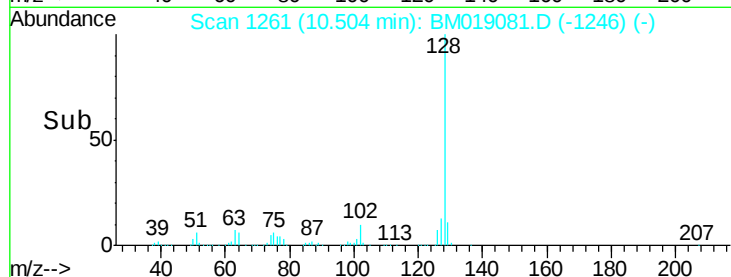
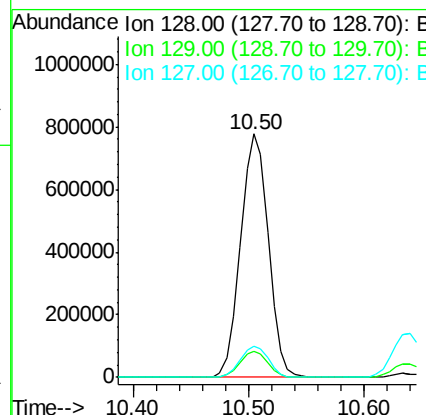
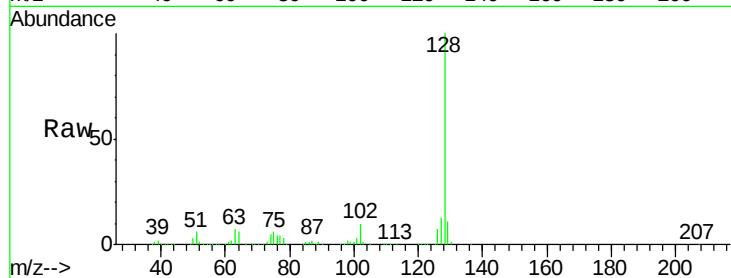
#31  
Naphthalene  
Concen: 40.589 ng  
RT: 10.50 min Scan# 1261  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampled :  
TP-13MSD

Tgt Ion:128 Resp: 1293694  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.4  
127 12.8 10.7 16.1

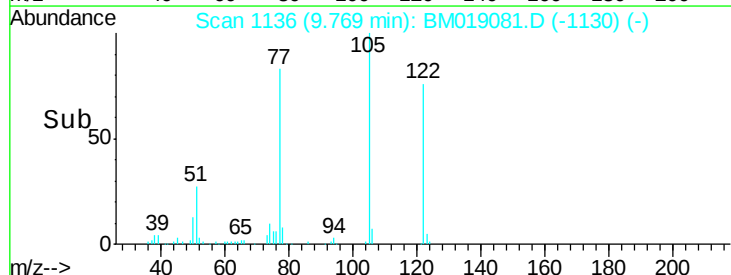
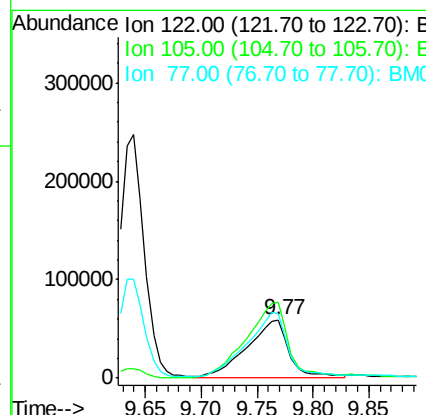
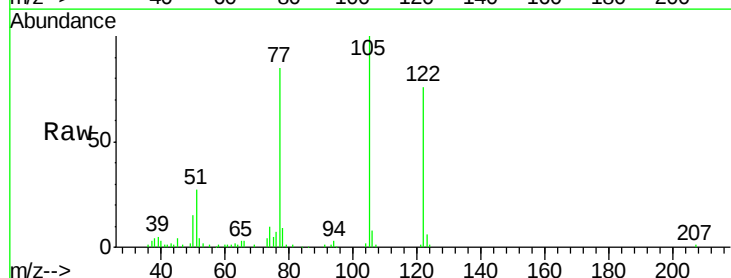
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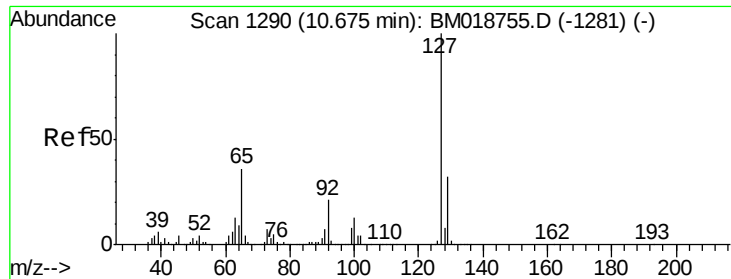
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#32  
Benzoic acid  
Concen: 21.398 ng m  
RT: 9.77 min Scan# 1136  
Delta R.T. -0.06 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Tgt Ion:122 Resp: 159278  
Ion Ratio Lower Upper  
122 100  
105 130.9 117.5 157.5  
77 110.8 98.5 138.5





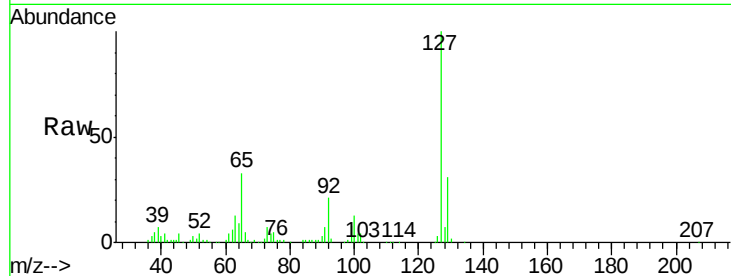
#33  
4-Chloroaniline  
Concen: 19.018 ng  
RT: 10.64 min Scan# 1284  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

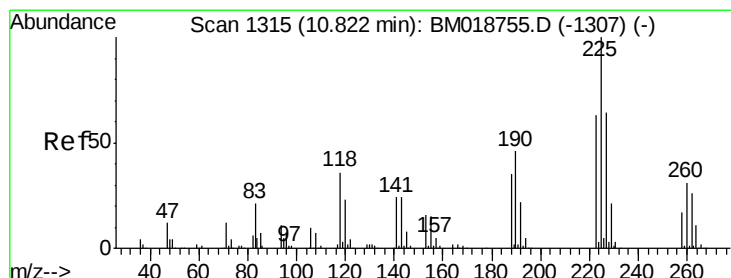
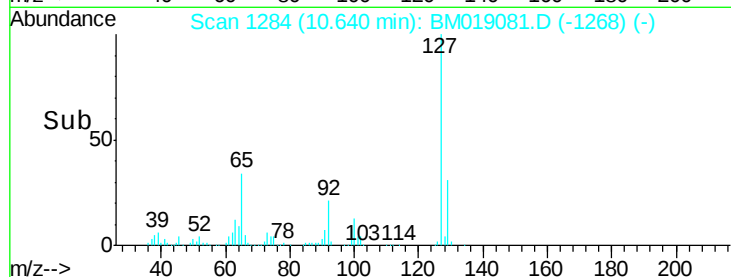
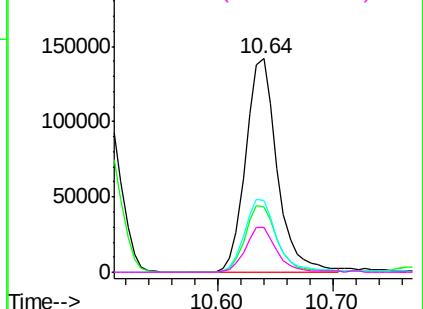
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 270957 |       |       |
| 129     | 30.8  | 25.7   | 38.5  |       |
| 65      | 33.5  | 28.7   | 43.1  |       |
| 92      | 21.2  | 17.0   | 25.4  |       |

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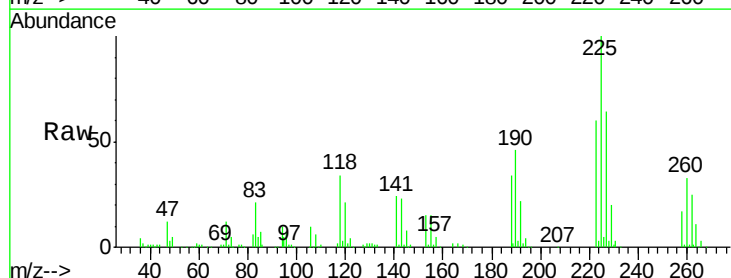


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

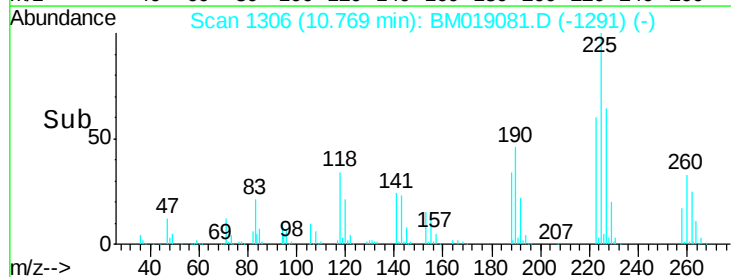
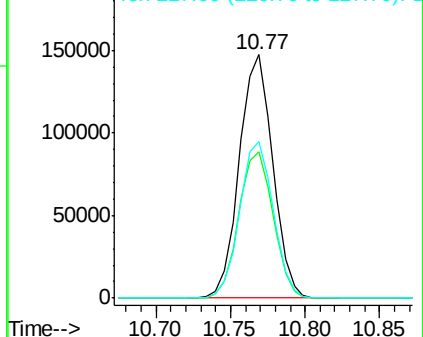


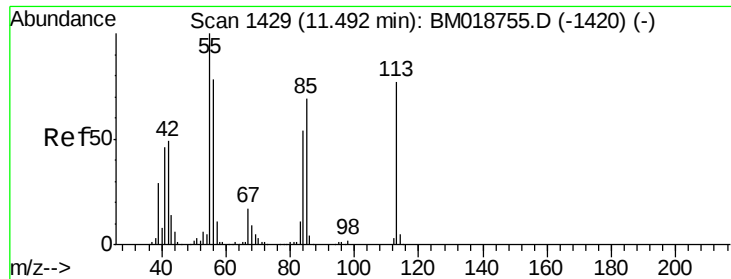
#34  
Hexachlorobutadiene  
Concen: 35.012 ng  
RT: 10.77 min Scan# 1306  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 229957 |       |       |
| 223     | 60.4  | 50.1   | 75.1  |       |
| 227     | 64.3  | 51.4   | 77.0  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.045 ng

RT: 11.45 min Scan# 1421

Delta R.T. -0.03 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

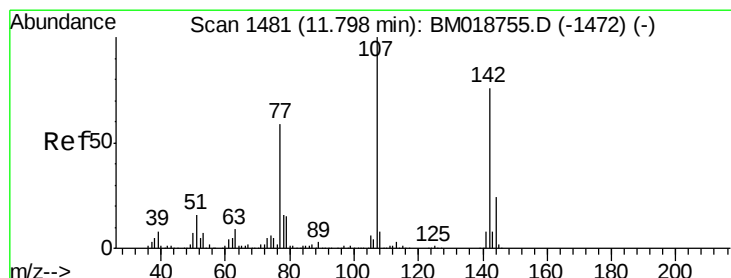
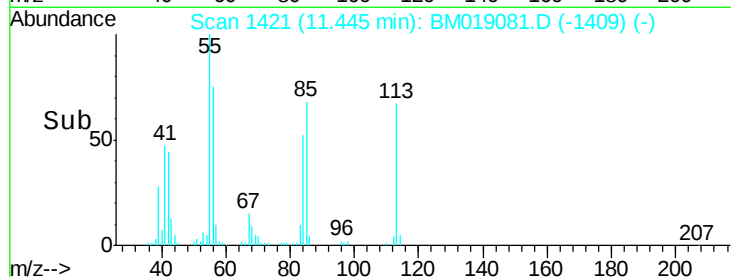
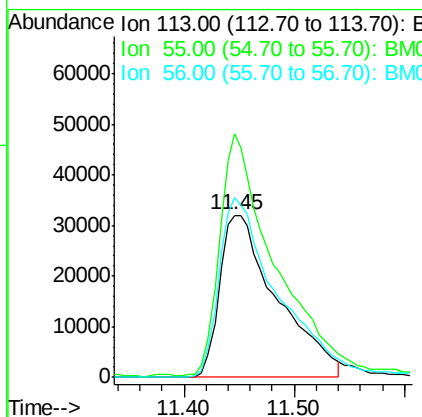
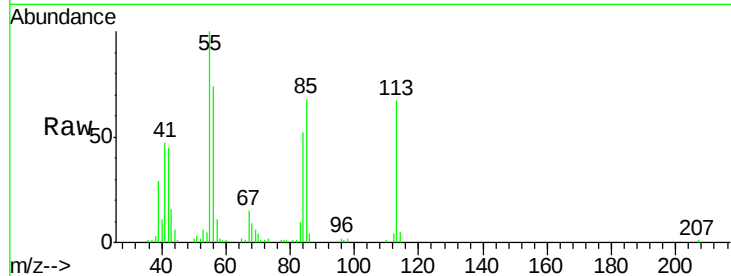
ClientSampleId :

TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   |        |       |       |
| 55      | 150.0 | 116146 | 110.7 | 150.7 |
| 56      | 110.8 |        | 82.4  | 122.4 |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 36.038 ng

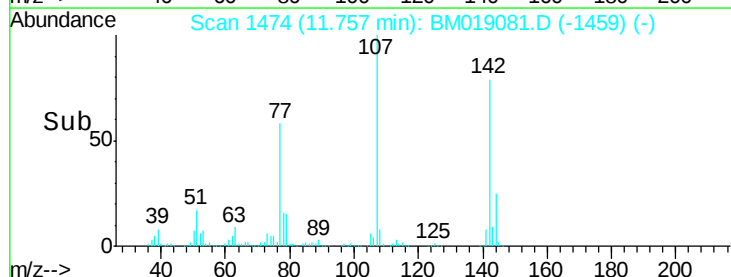
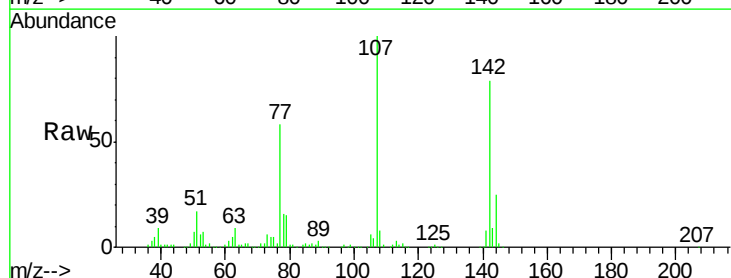
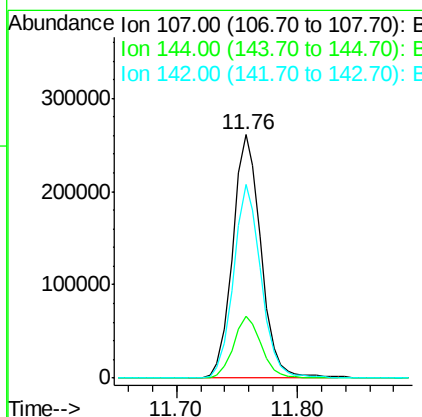
RT: 11.76 min Scan# 1474

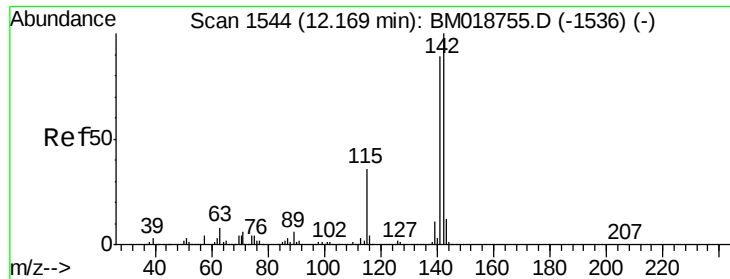
Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 425727 |       |       |
| 144     | 25.2  |        | 19.3  | 28.9  |
| 142     | 79.5  |        | 60.5  | 90.7  |





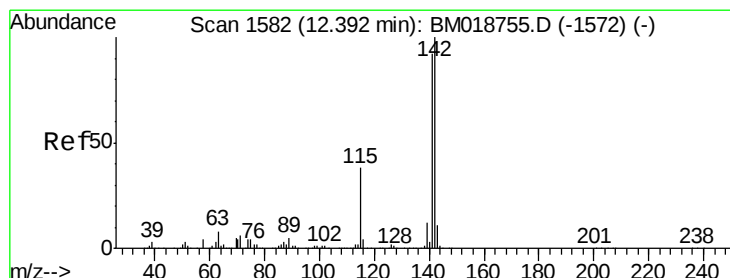
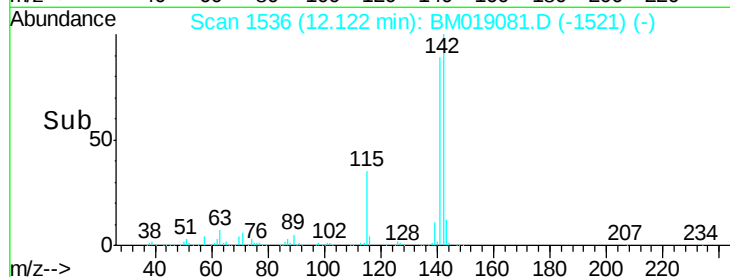
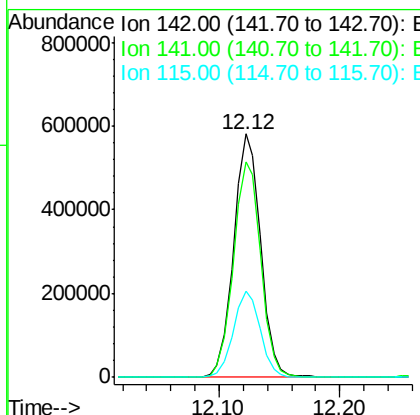
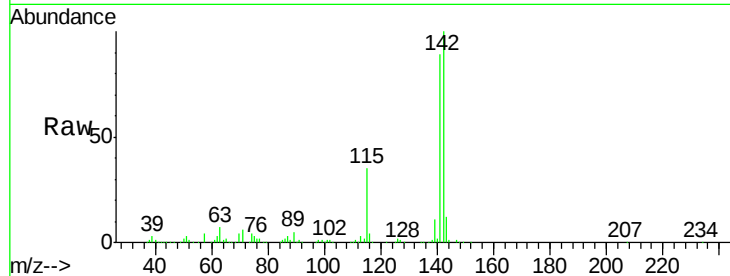
#37  
 2-Methylnaphthalene  
 Concen: 40.307 ng  
 RT: 12.12 min Scan# 1536  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 904499 |       |       |
| 141     | 88.7  | 71.2   | 106.8 |       |
| 115     | 35.2  | 29.1   | 43.7  |       |

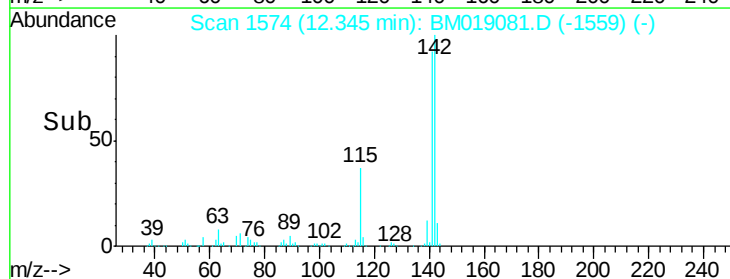
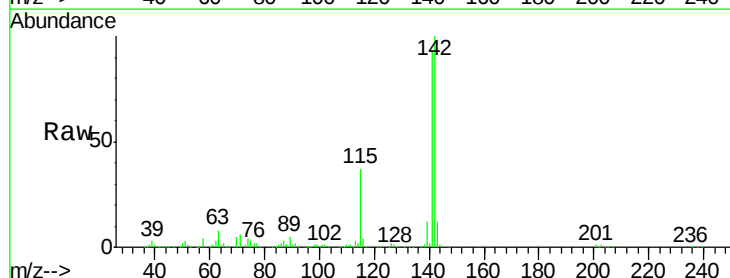
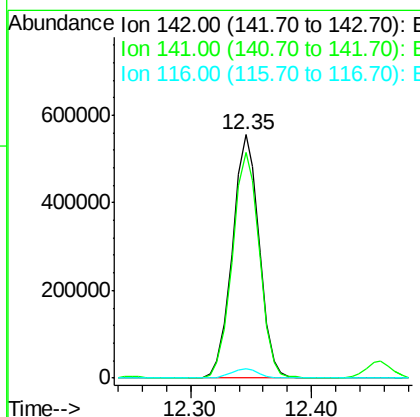
Manual Integrations  
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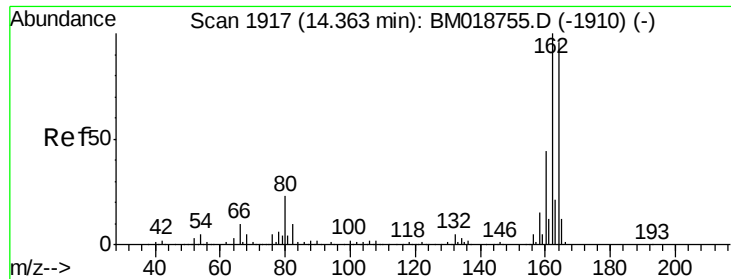
Sohil  
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#38  
 1-Methylnaphthalene  
 Concen: 39.011 ng  
 RT: 12.35 min Scan# 1574  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 856040 |       |       |
| 141     | 92.8  | 73.9   | 110.9 |       |
| 116     | 3.9   | 3.0    | 4.4   |       |





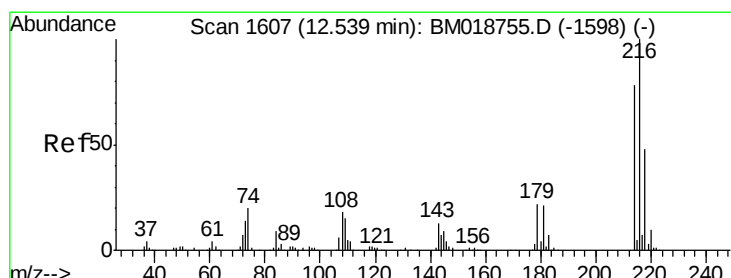
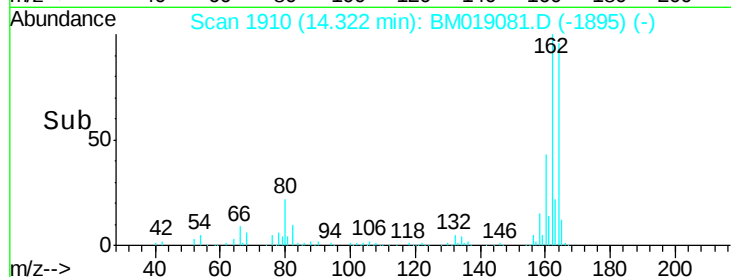
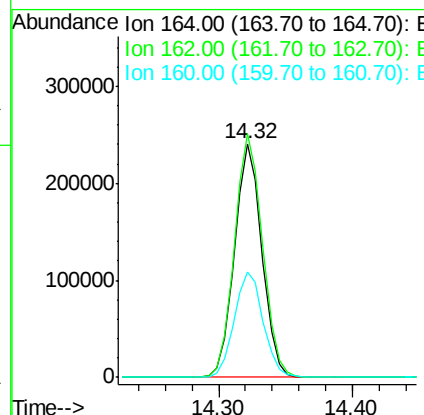
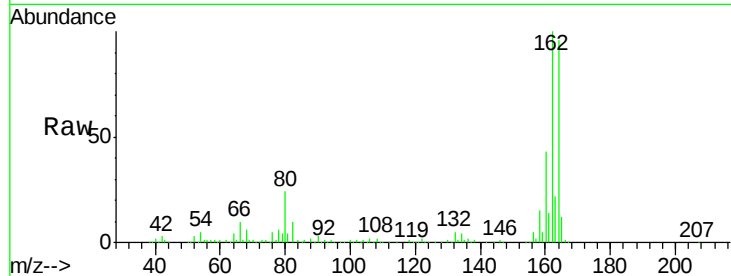
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.32 min Scan# 1910  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 343883 |       |       |
| 162     | 104.3 | 83.4   | 125.0 |       |
| 160     | 45.2  | 36.6   | 55.0  |       |

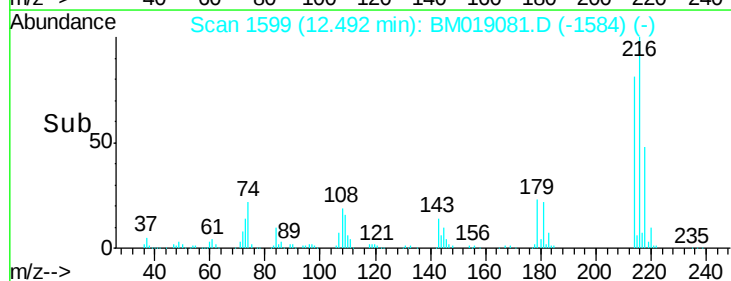
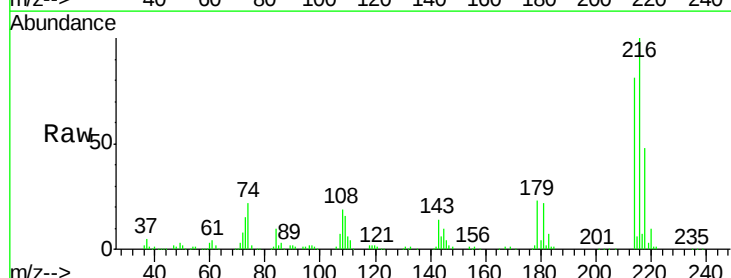
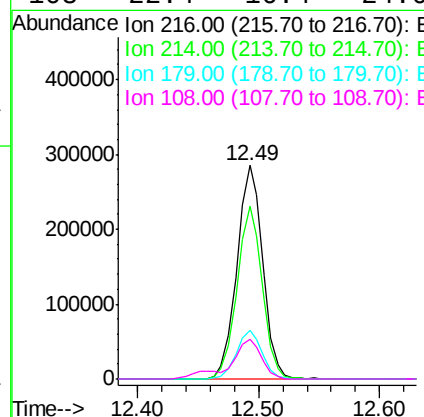
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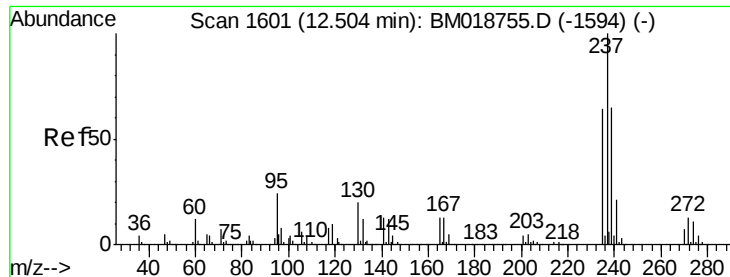
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.650 ng  
RT: 12.49 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 425165 |       |       |
| 214     | 79.2  | 63.2   | 94.8  |       |
| 179     | 22.4  | 17.8   | 26.8  |       |
| 108     | 22.4  | 16.4   | 24.6  |       |





#41

Hexachlorocyclopentadiene

Concen: 80.500 ng

RT: 12.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

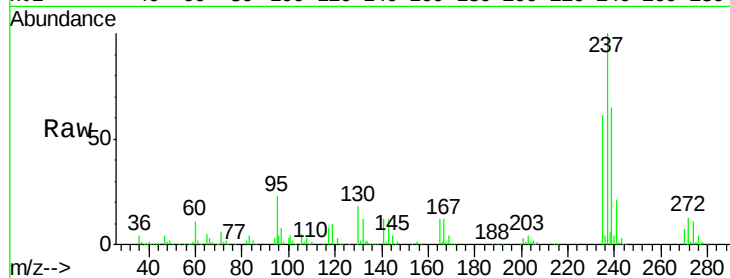
ClientSampleId :

TP-13MSD

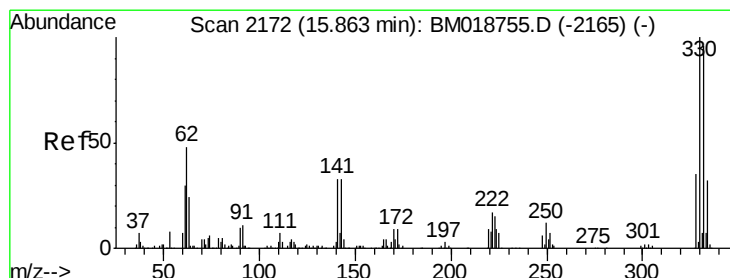
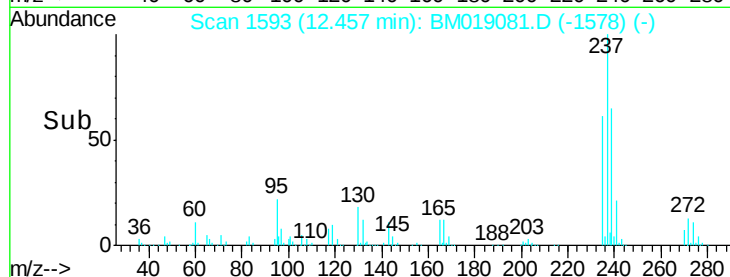
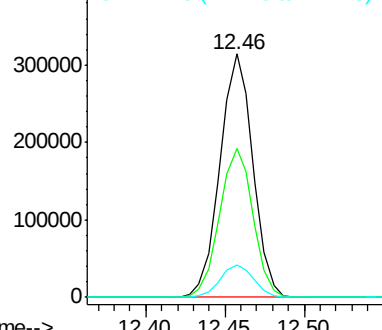
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 452753 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.3  | 43.7  | 83.7   |
| 272       | 13.2  | 0.0   | 33.3   |

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



#42

2,4,6-Tribromophenol

Concen: 115.950 ng

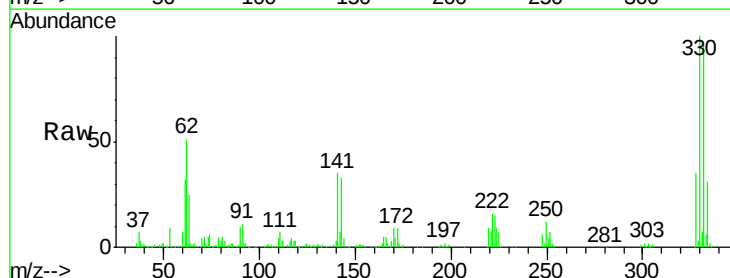
RT: 15.82 min Scan# 2165

Delta R.T. -0.01 min

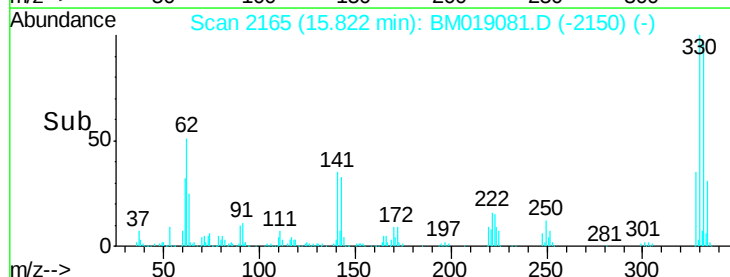
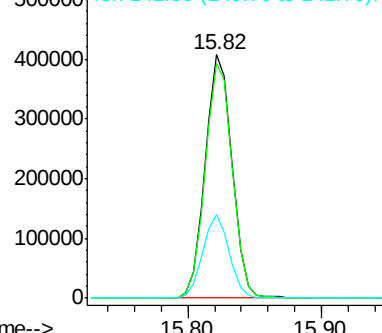
Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 574762 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.0  | 76.9  | 115.3  |
| 141       | 34.1  | 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





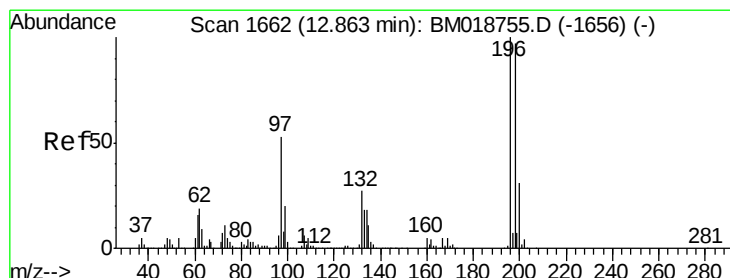
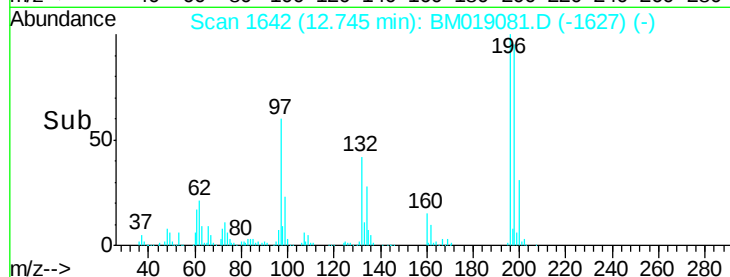
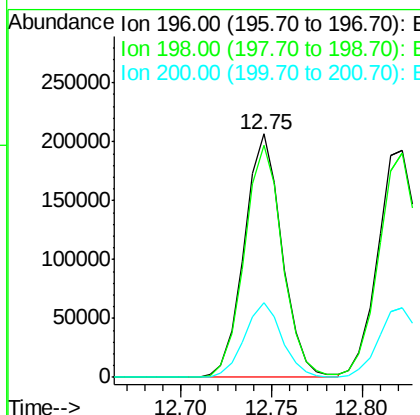
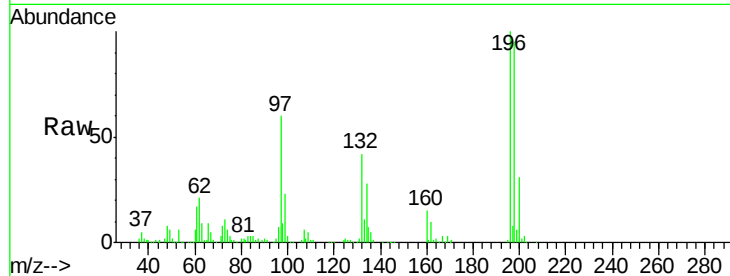
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.077 ng  
 RT: 12.75 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampled :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 299136 |       |       |
| 198     | 95.4  | 76.2   | 114.2 |       |
| 200     | 30.6  | 24.2   | 36.2  |       |

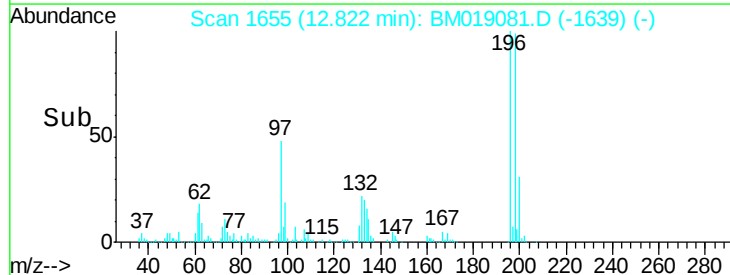
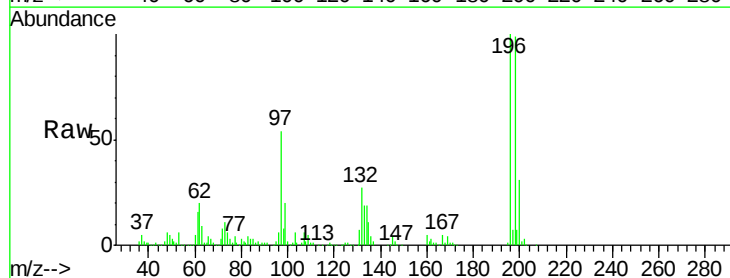
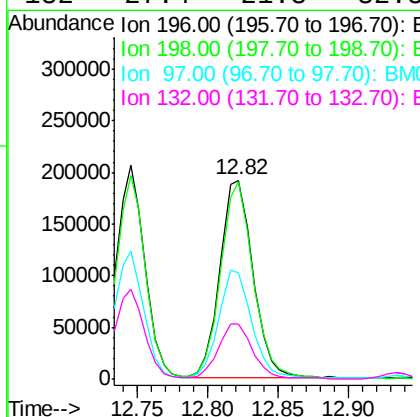
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#44  
 2,4,5-Trichlorophenol  
 Concen: 40.942 ng  
 RT: 12.82 min Scan# 1655  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 312505 |       |       |
| 198     | 98.7  | 77.6   | 116.4 |       |
| 97      | 53.6  | 42.8   | 64.2  |       |
| 132     | 27.4  | 21.8   | 32.8  |       |





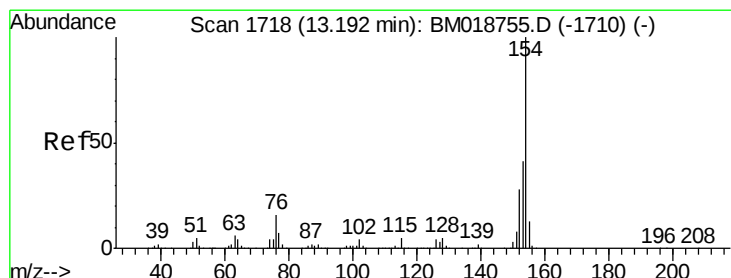
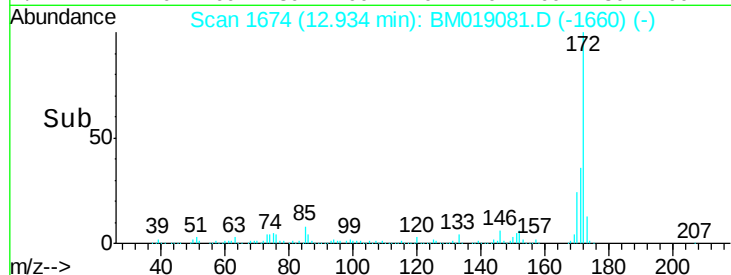
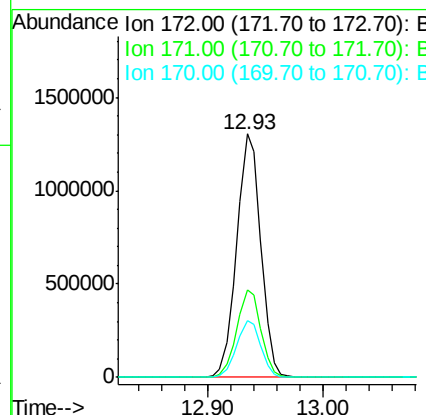
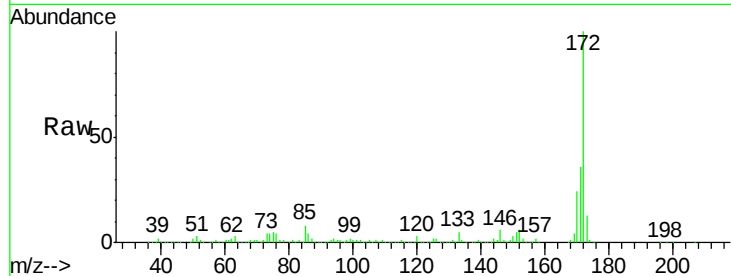
#45  
 2-Fluorobiphenyl  
 Concen: 72.688 ng  
 RT: 12.93 min Scan# 1674  
 Delta R.T. -0.02 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD

Tgt Ion:172 Resp: 1882980  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.0 43.6  
 170 23.5 18.6 28.0

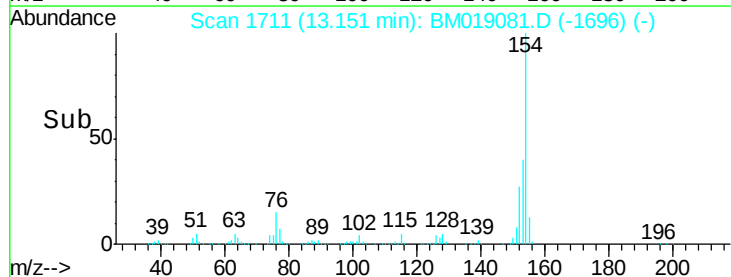
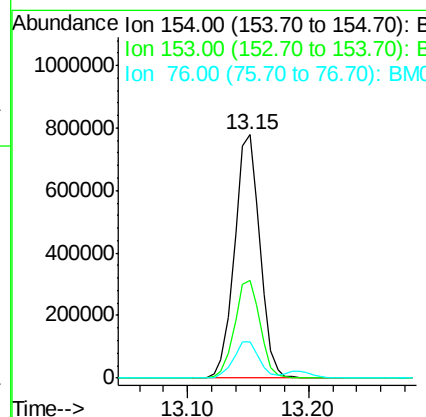
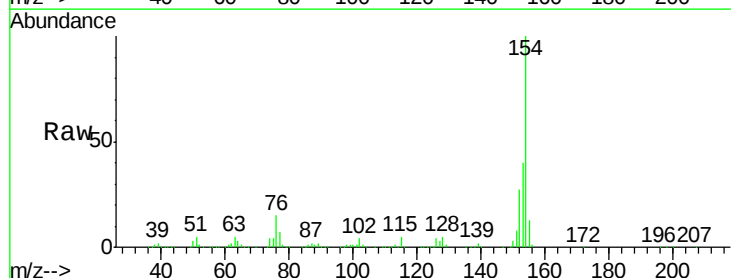
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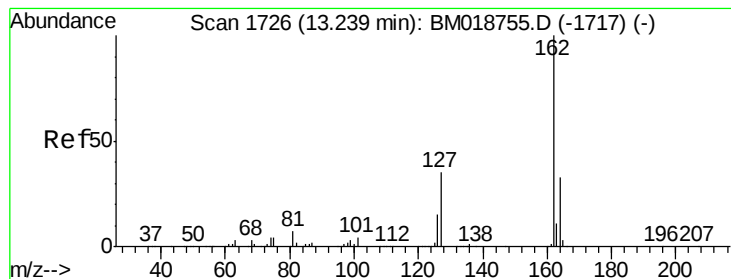
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#46  
 1,1'-Biphenyl  
 Concen: 38.413 ng  
 RT: 13.15 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Tgt Ion:154 Resp: 1137063  
 Ion Ratio Lower Upper  
 154 100  
 153 40.4 21.1 61.1  
 76 14.9 0.0 35.7





#47

2-Chloronaphthalene

Concen: 38.405 ng

RT: 13.19 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

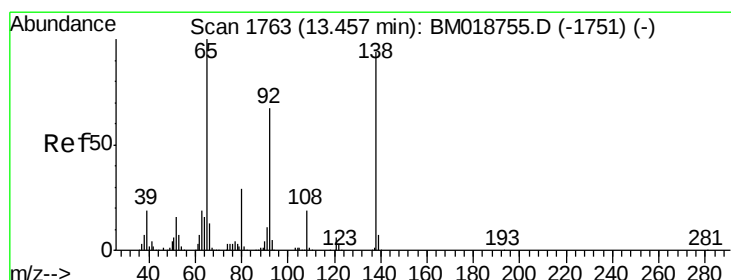
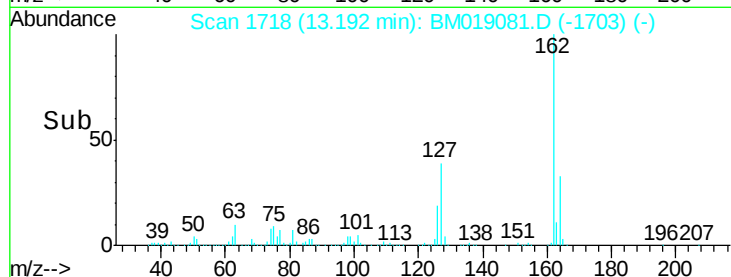
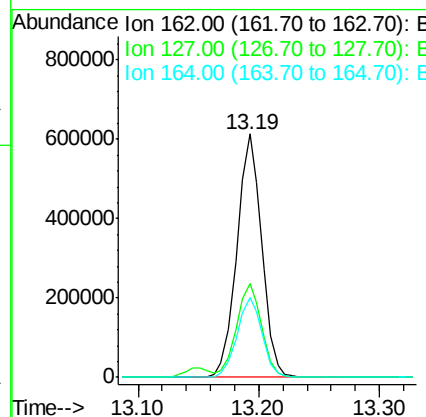
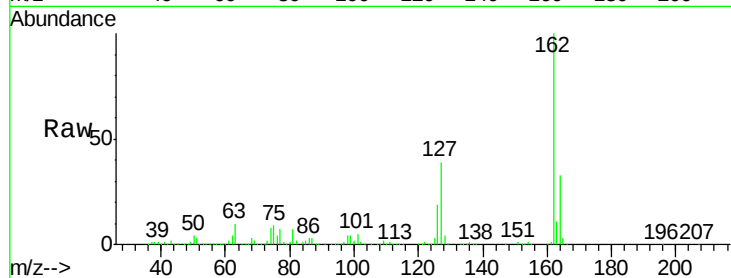
ClientSampleId :

TP-13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 878069 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.7  | 31.1  | 46.7   |
| 164       | 32.6  | 26.4  | 39.6   |

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#48

2-Nitroaniline

Concen: 38.923 ng

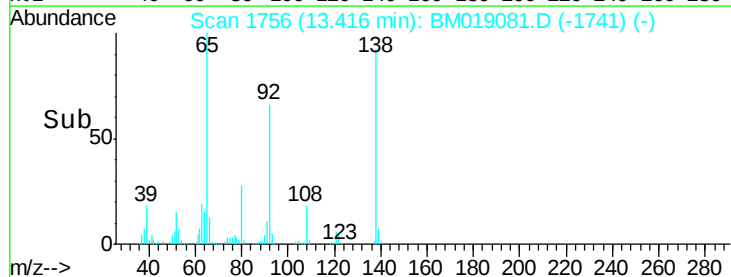
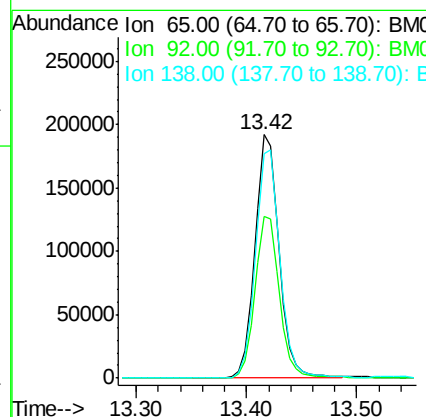
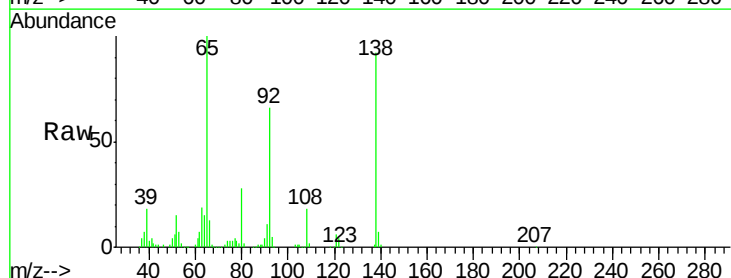
RT: 13.42 min Scan# 1756

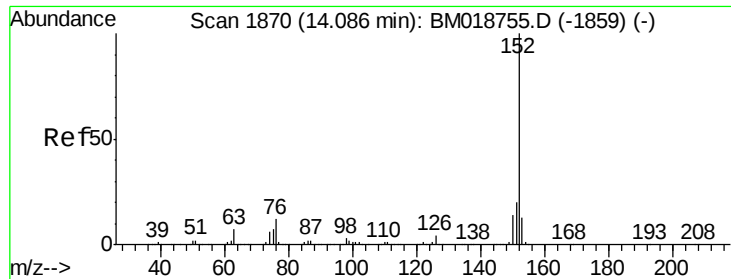
Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 295552 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 66.3  | 54.0  | 81.0   |
| 138       | 92.2  | 74.9  | 112.3  |





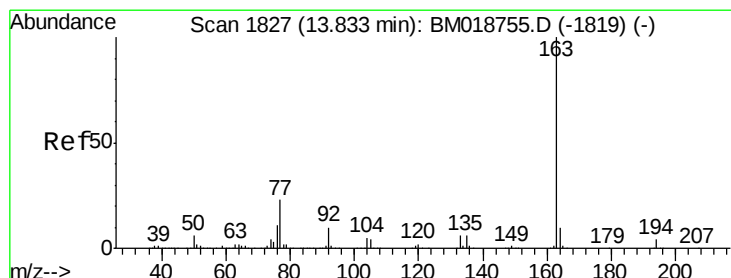
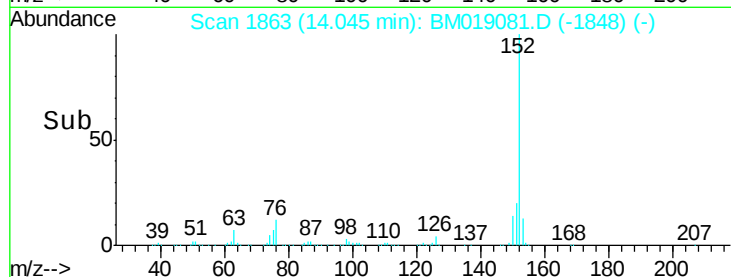
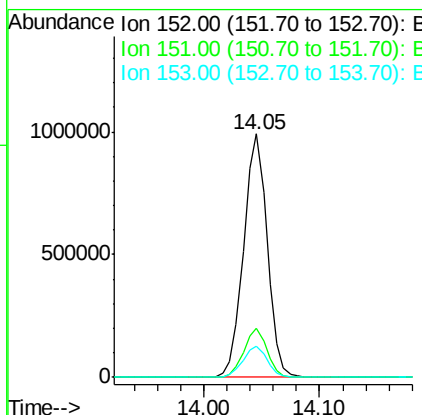
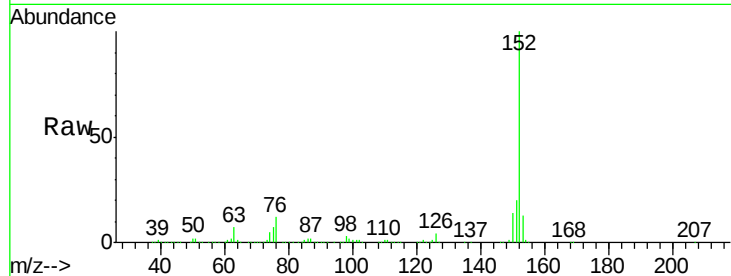
#49  
Acenaphthylene  
Concen: 41.367 ng  
RT: 14.05 min Scan# 1863  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampled :  
TP-13MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.9  | 15.8  | 23.8  |
| 153     | 12.9  | 10.5  | 15.7  |

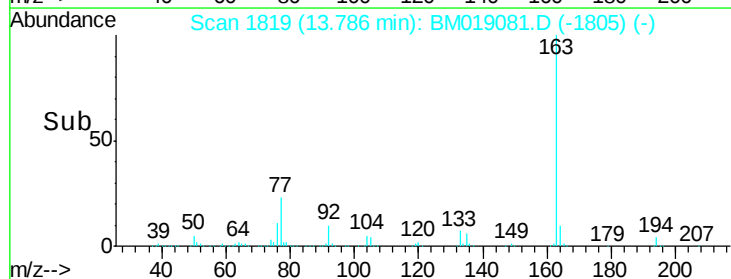
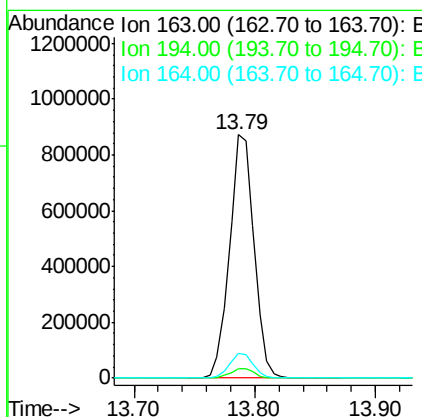
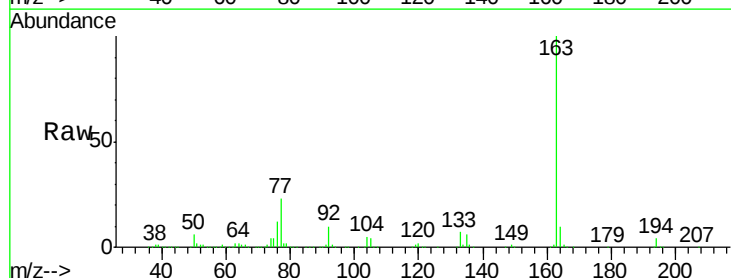
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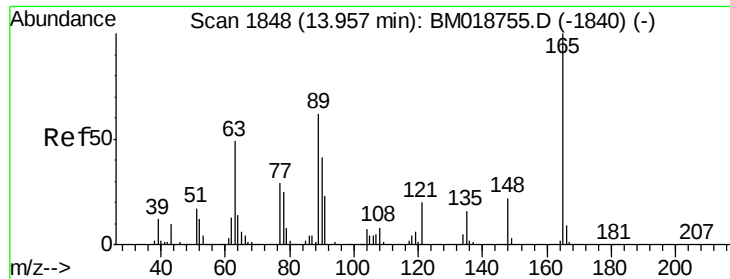
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#50  
Dimethylphthalate  
Concen: 42.906 ng  
RT: 13.79 min Scan# 1819  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.8   | 3.2   | 4.8   |
| 164     | 10.2  | 7.8   | 11.8  |





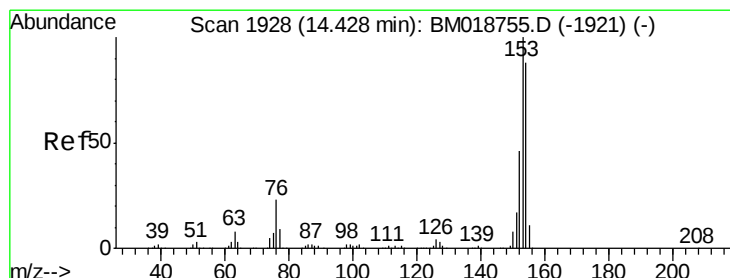
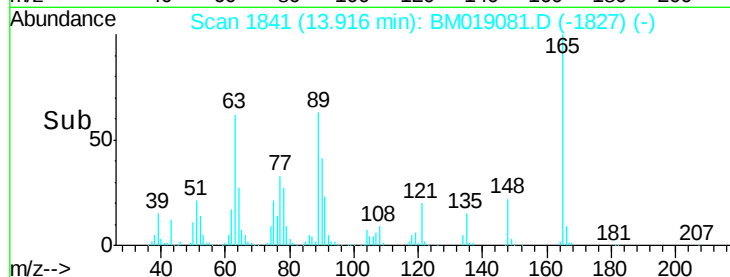
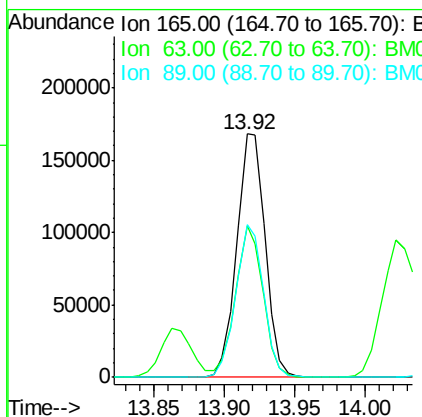
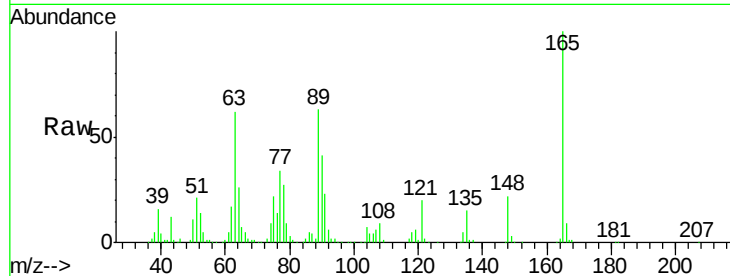
#51  
 2,6-Dinitrotoluene  
 Concen: 38.039 ng  
 RT: 13.92 min Scan# 1841  
 Delta R.T. -0.02 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampled :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 236154 |       |       |
| 63      | 62.4  | 48.9   | 73.3  |       |
| 89      | 62.7  | 49.4   | 74.0  |       |

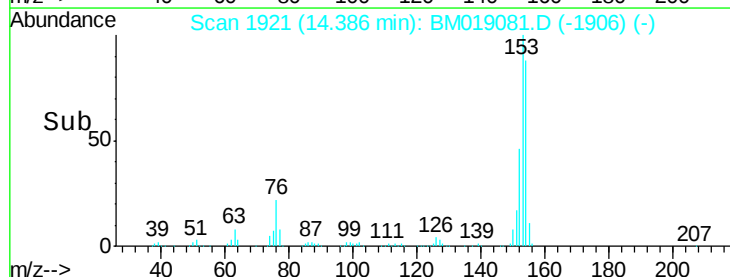
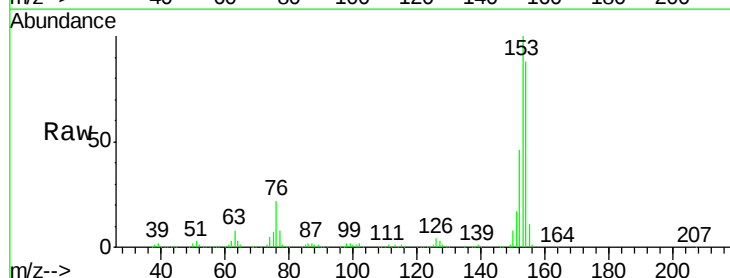
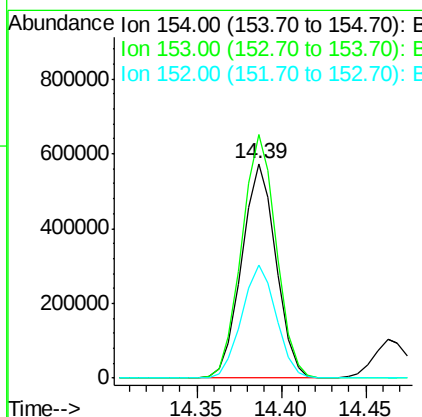
Manual Integrations  
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#52  
 Acenaphthene  
 Concen: 38.939 ng  
 RT: 14.39 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 812848 |       |       |
| 153     | 113.6 | 91.3   | 136.9 |       |
| 152     | 52.5  | 42.2   | 63.4  |       |





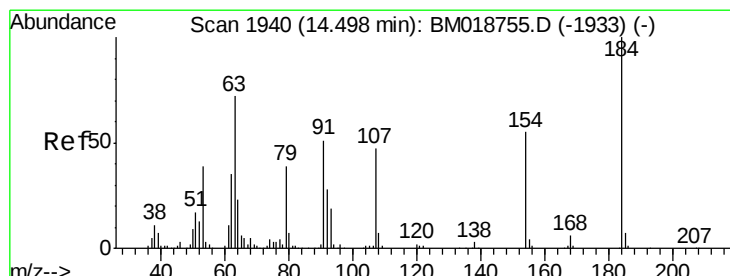
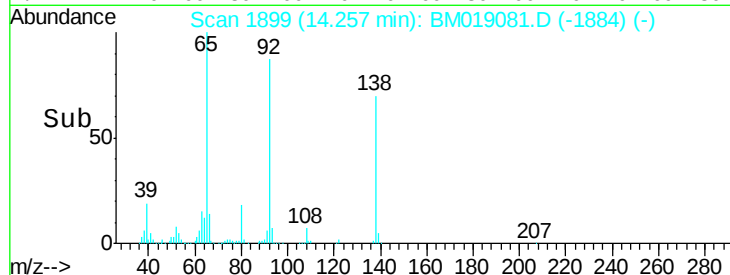
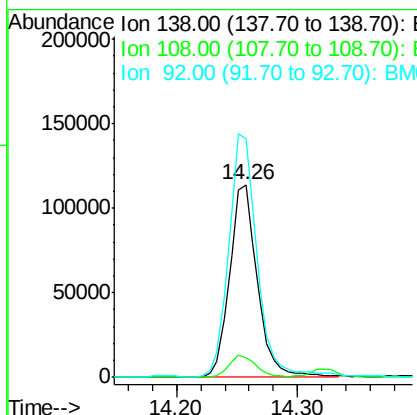
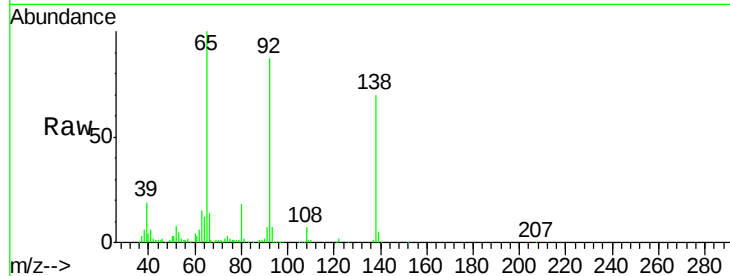
#53  
3-Nitroaniline  
Concen: 26.114 ng  
RT: 14.26 min Scan# 1899  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 183176 |       |       |
| 108     | 10.4  | 9.1    | 13.7  |       |
| 92      | 123.9 | 99.7   | 149.5 |       |

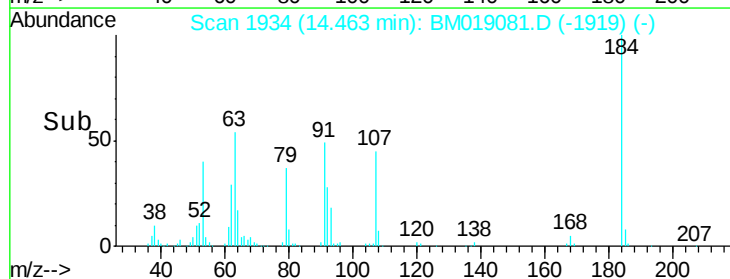
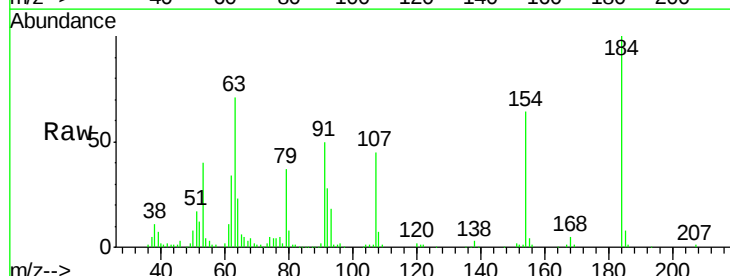
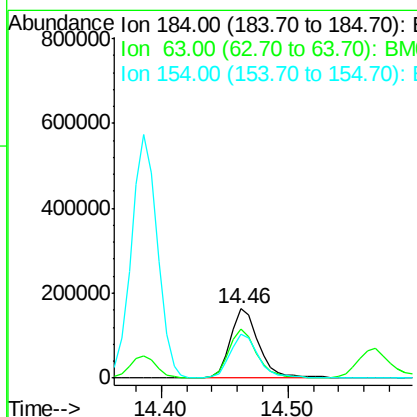
Manual Integrations  
APPROVED

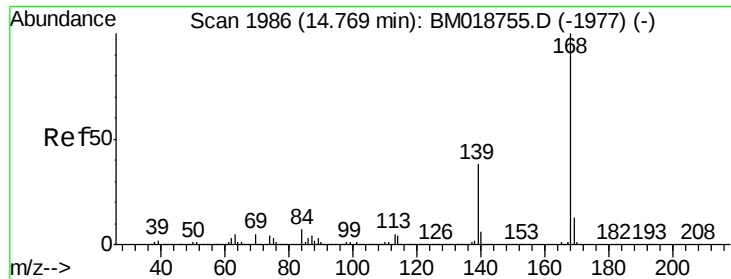
Sohil  
3/11/2019 5:47:22 PM



#54  
2,4-Dinitrophenol  
Concen: 65.102 ng  
RT: 14.46 min Scan# 1934  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 251900 |       |       |
| 63      | 70.8  | 58.0   | 87.0  |       |
| 154     | 63.7  | 50.3   | 75.5  |       |





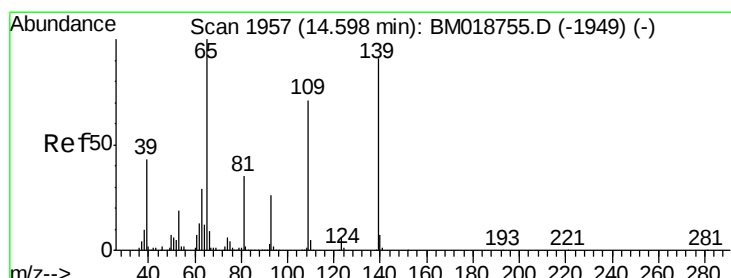
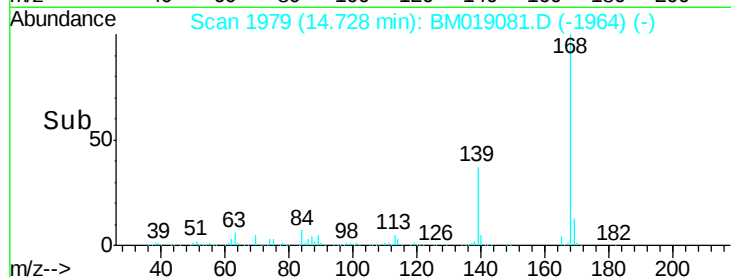
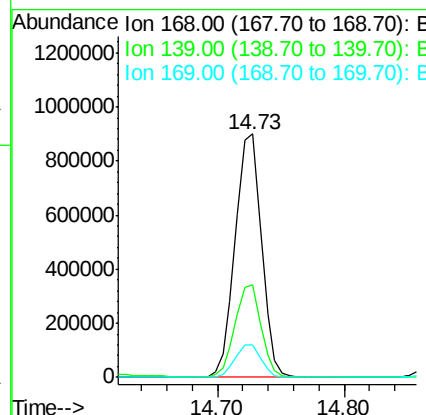
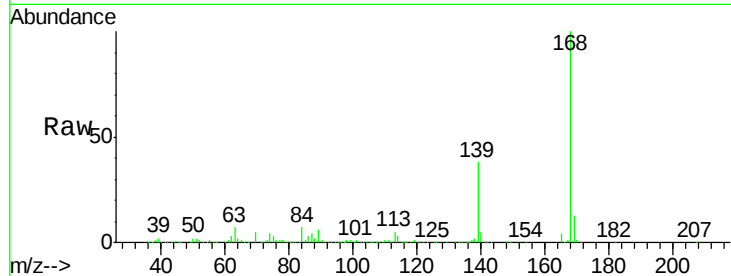
#55  
Dibenzofuran  
Concen: 37.615 ng  
RT: 14.73 min Scan# 1979  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.9  | 30.7  | 46.1  |
| 169     | 13.2  | 10.3  | 15.5  |

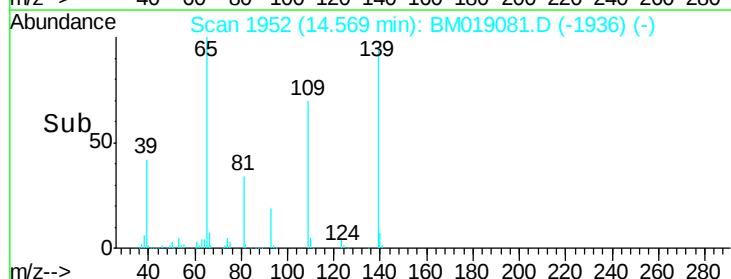
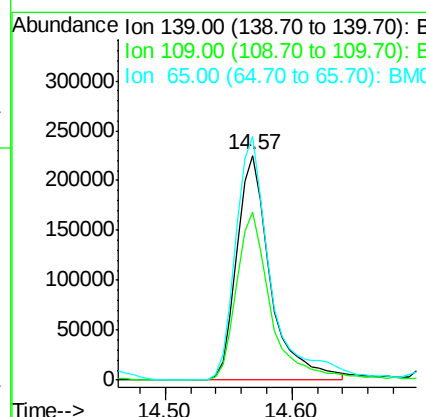
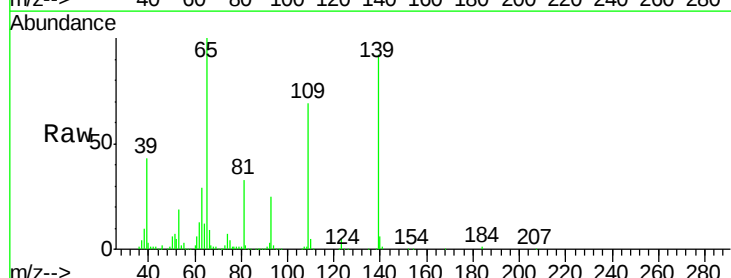
Manual Integrations  
APPROVED

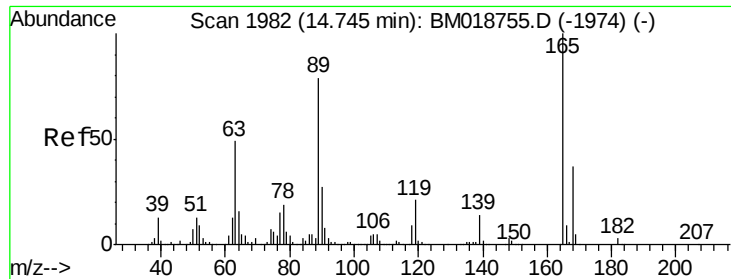
Sohil  
3/11/2019 5:47:22 PM



#56  
4-Nitrophenol  
Concen: 73.785 ng  
RT: 14.57 min Scan# 1952  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

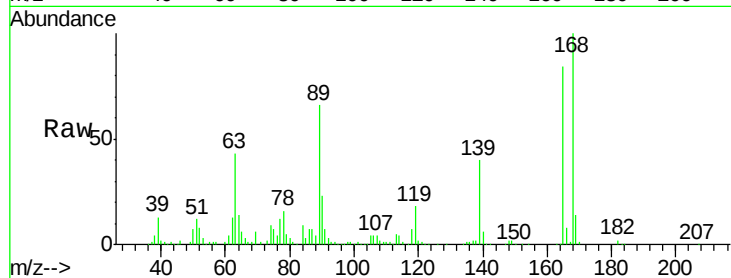
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 74.9  | 58.4  | 98.4  |
| 65      | 108.5 | 89.8  | 129.8 |





#57  
 2,4-Dinitrotoluene  
 Concen: 38.403 ng  
 RT: 14.71 min Scan# 1976  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

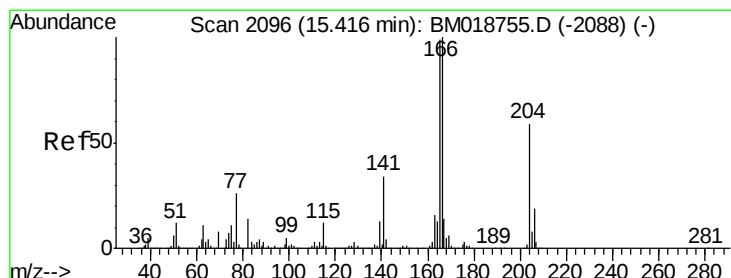
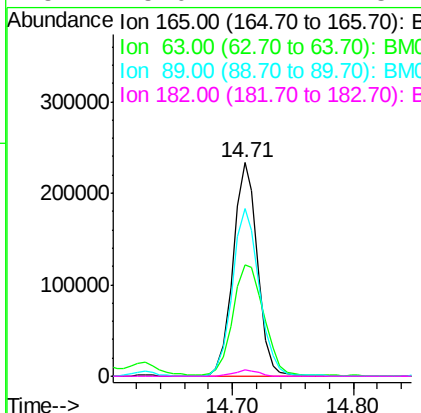
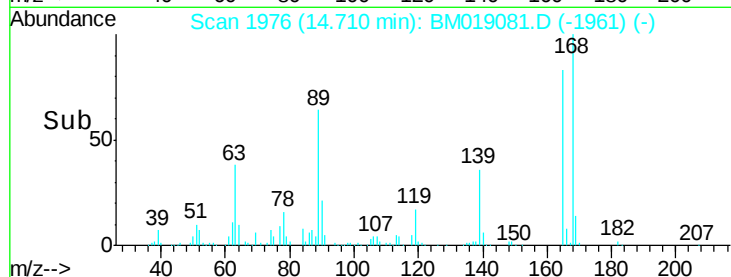
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 328490 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 51.9  | 39.6  | 59.4   |
| 89        | 78.7  | 63.5  | 95.3   |
| 182       | 3.0   | 2.2   | 3.4    |

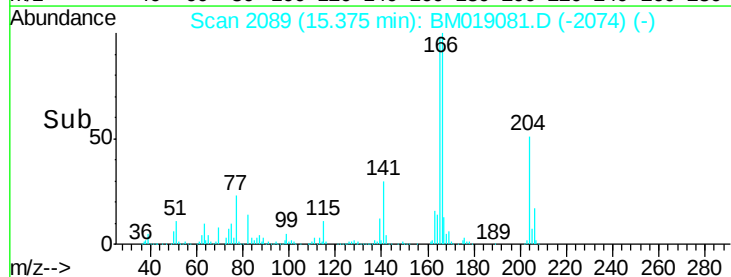
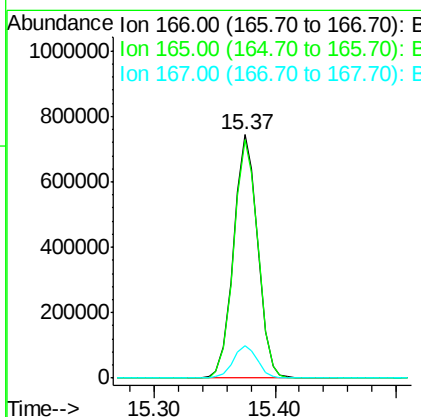
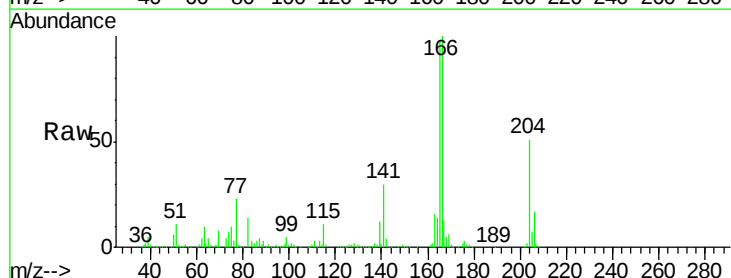
Manual Integrations  
 APPROVED

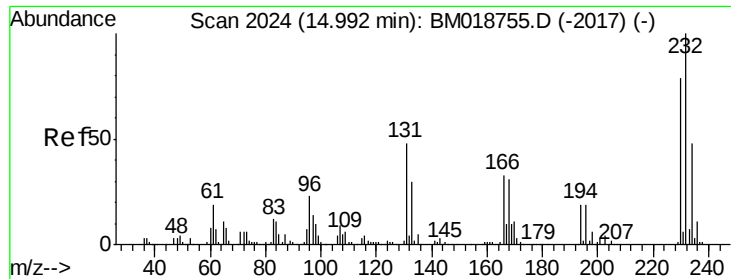
Sohil  
 3/11/2019 5:47:22 PM



#58  
 Fluorene  
 Concen: 39.351 ng  
 RT: 15.37 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 166   | Resp: | 1032926 |
| Ion Ratio | Lower | Upper |         |
| 166       | 100   |       |         |
| 165       | 98.0  | 79.1  | 118.7   |
| 167       | 13.5  | 11.0  | 16.4    |





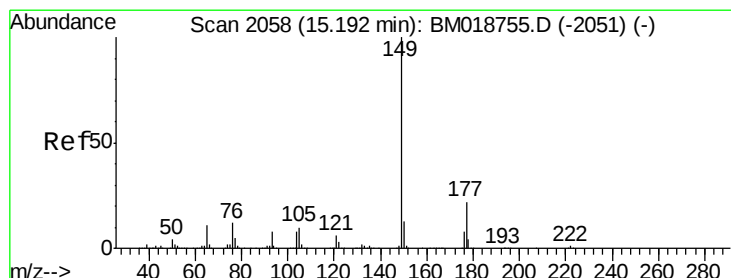
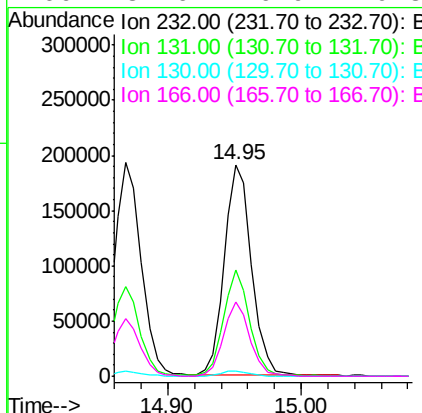
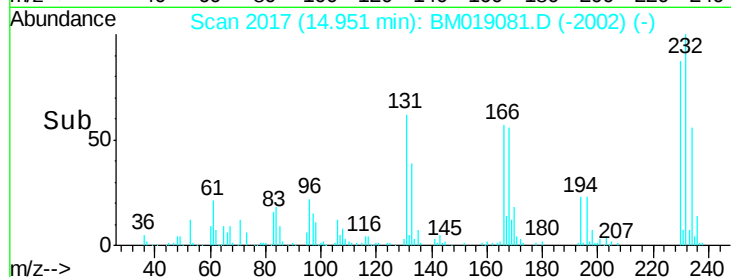
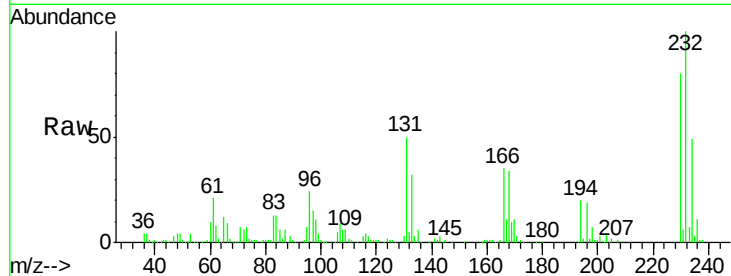
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.158 ng  
 RT: 14.95 min Scan# 2017  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampleID :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 270935 |       |       |
| 131     | 47.8  | 38.6   | 57.8  |       |
| 130     | 2.6   | 2.0    | 3.0   |       |
| 166     | 34.6  | 26.9   | 40.3  |       |

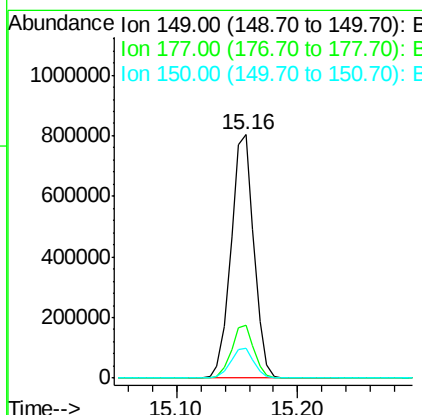
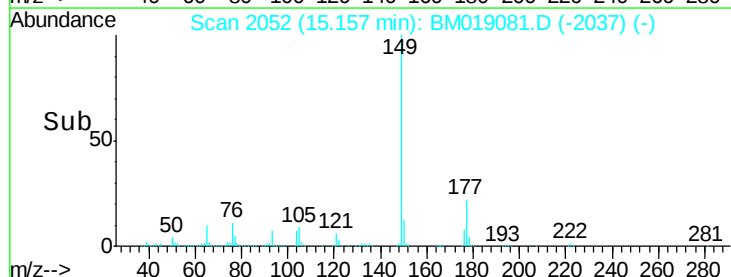
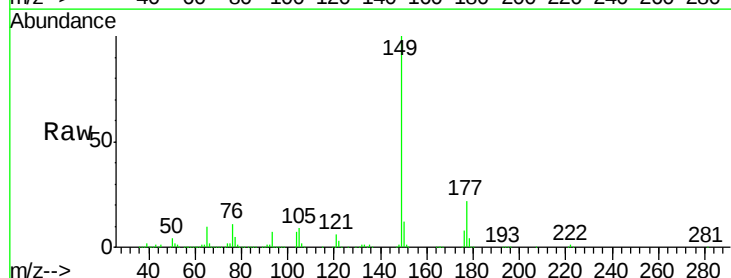
Manual Integrations  
 APPROVED

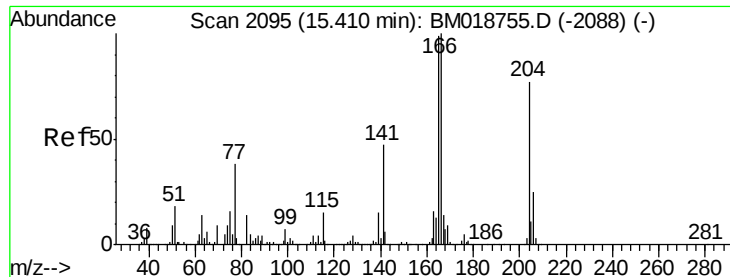
Sohil  
 3/11/2019 5:47:22 PM



#60  
 Diethylphthalate  
 Concen: 35.738 ng  
 RT: 15.16 min Scan# 2052  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1056528 |       |       |
| 177     | 21.8  | 17.2    | 25.8  |       |
| 150     | 12.2  | 10.2    | 15.2  |       |





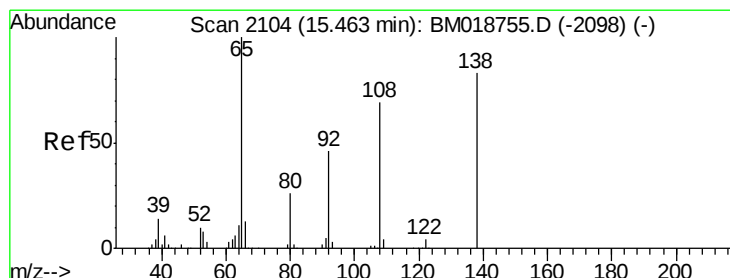
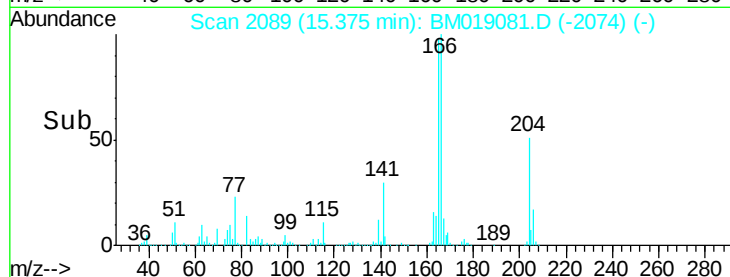
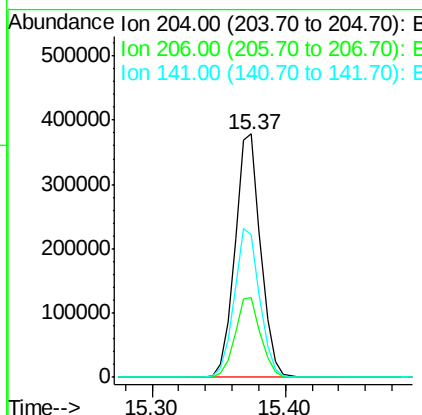
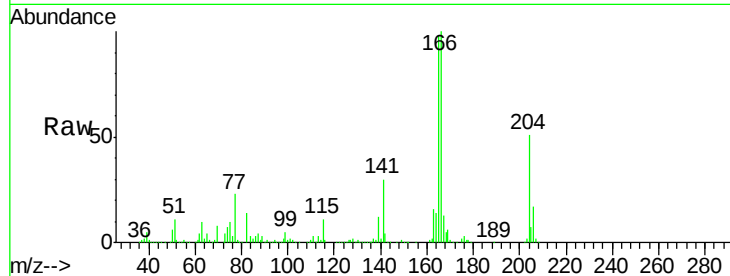
#61  
4-Chlorophenyl-phenylether  
Concen: 34.223 ng  
RT: 15.37 min Scan# 2089  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampled :  
TP-13MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.2  | 39.2  |
| 141     | 58.3  | 49.2  | 73.8  |

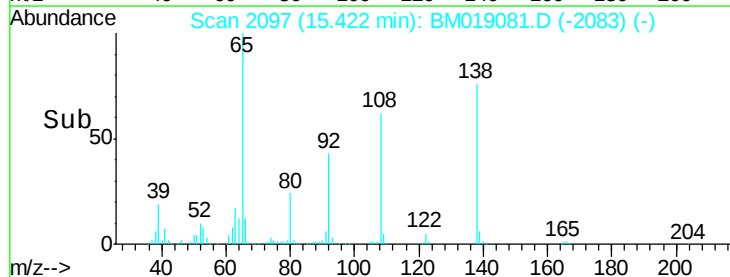
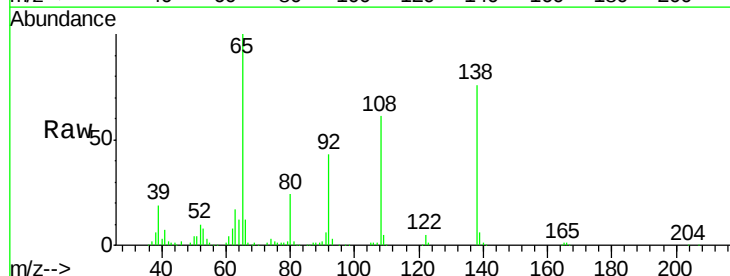
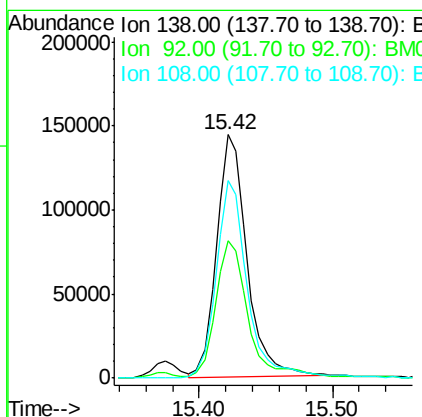
Manual Integrations  
APPROVED

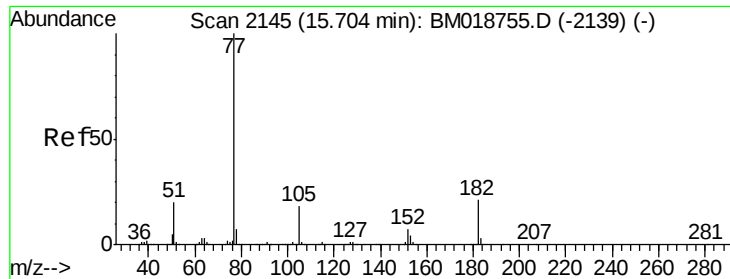
Sohil  
3/11/2019 5:47:22 PM



#62  
4-Nitroaniline  
Concen: 33.471 ng  
RT: 15.42 min Scan# 2097  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.6  | 35.5  | 75.5  |
| 108     | 81.0  | 62.4  | 102.4 |





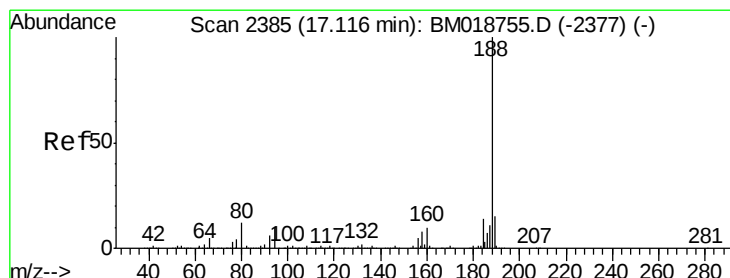
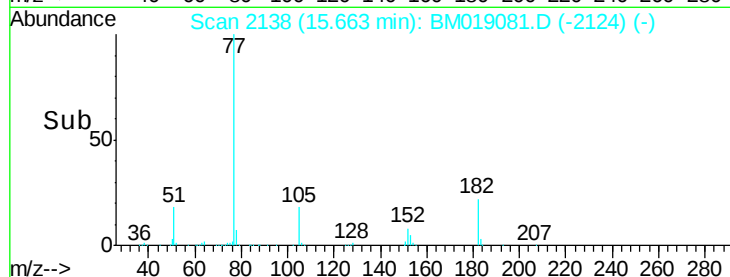
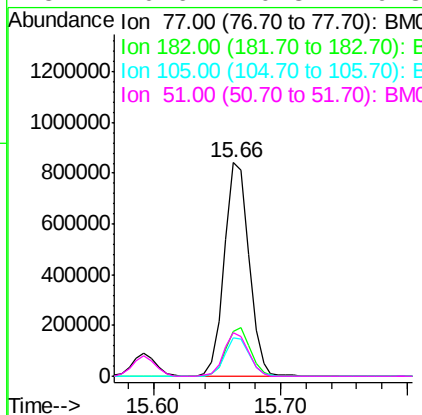
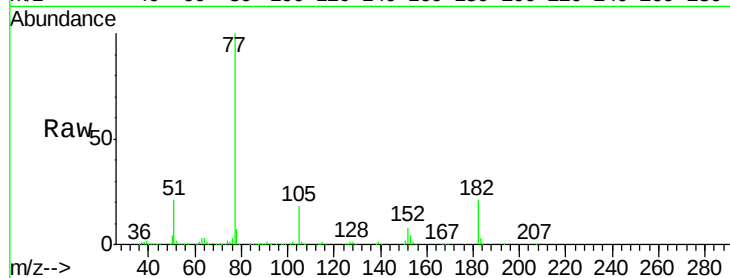
#63  
Azobenzene  
Concen: 35.645 ng  
RT: 15.66 min Scan# 2138  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.1  | 1.0   | 41.0  |
| 105     | 17.7  | 0.0   | 37.7  |
| 51      | 20.6  | 0.3   | 40.3  |

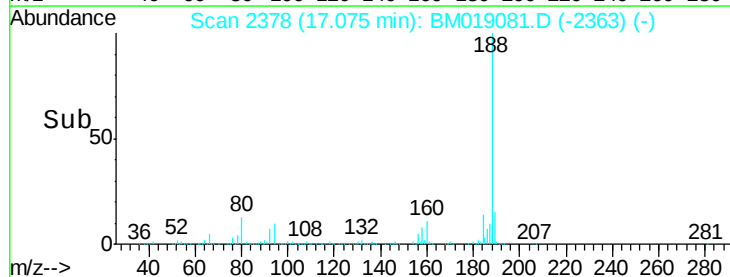
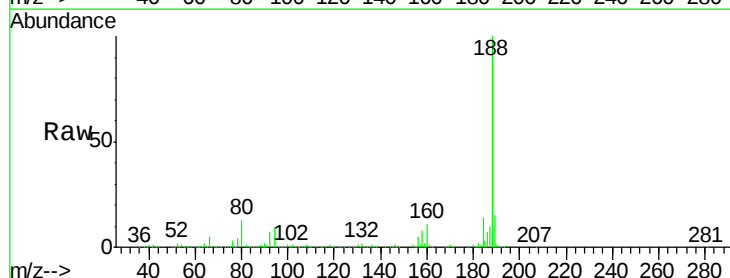
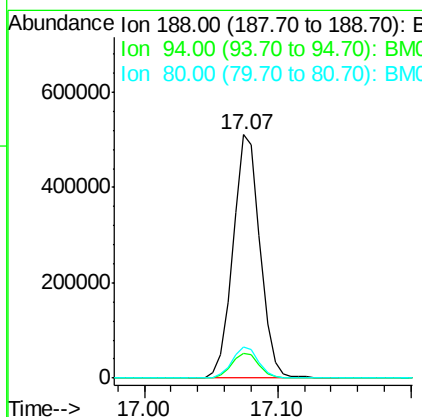
Manual Integrations  
APPROVED

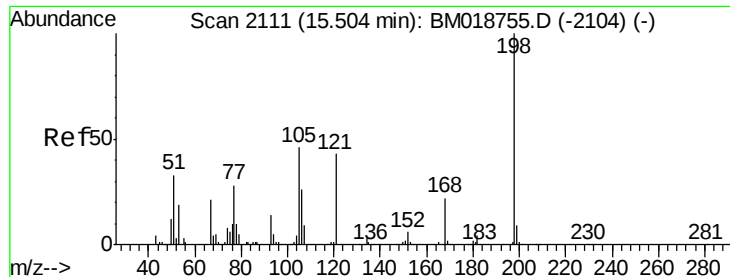
Sohil  
3/11/2019 5:47:22 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.07 min Scan# 2378  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.2  | 8.2   | 12.2  |
| 80      | 13.0  | 9.7   | 14.5  |





#65

4,6-Dinitro-2-methylphenol

Concen: 34.078 ng

RT: 15.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

ClientSampleId :

TP-13MSD

Tgt Ion:198 Resp: 171988

Ion Ratio Lower Upper

198 100

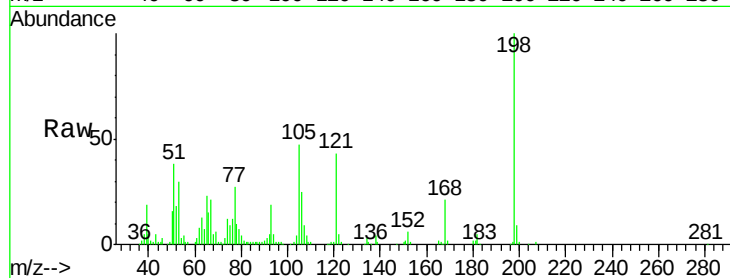
51 38.1 18.4 58.4

105 46.7 27.2 67.2

Manual Integrations  
APPROVED

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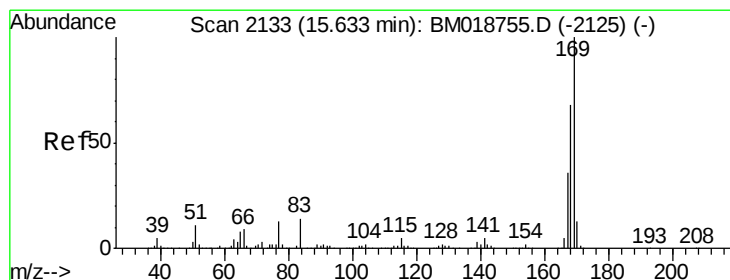
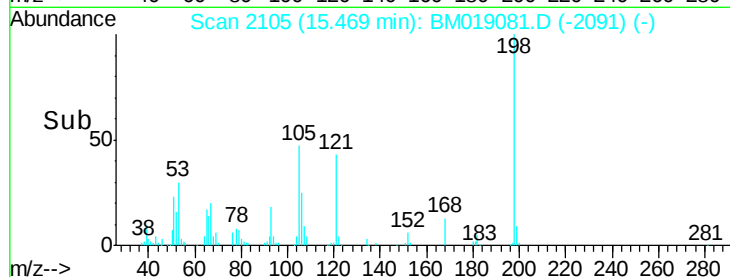
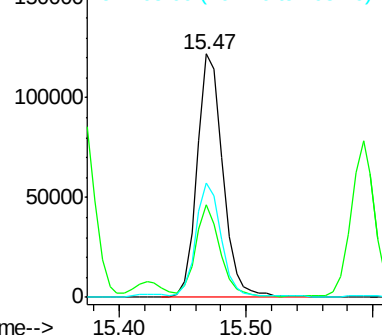
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.325 ng

RT: 15.59 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

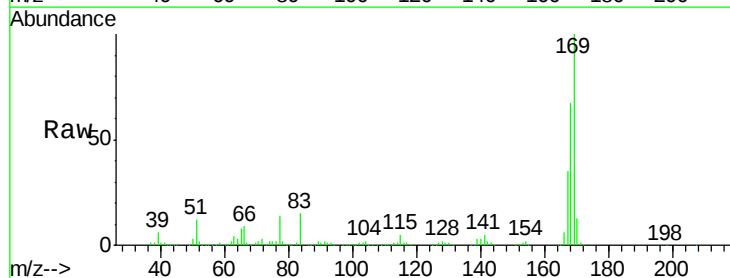
Tgt Ion:169 Resp: 893092

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

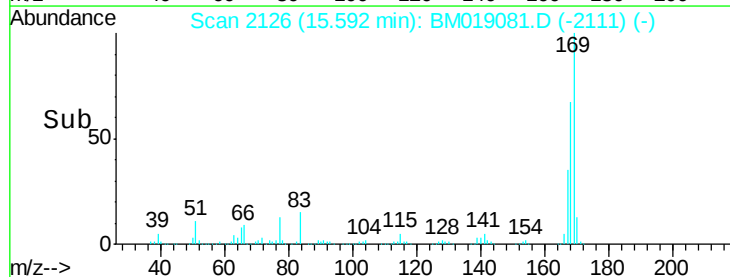
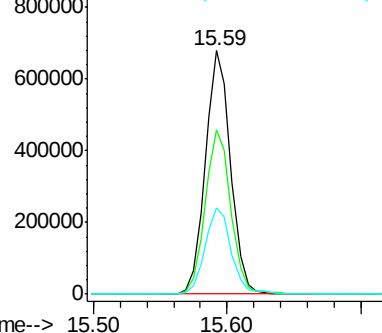
167 35.5 29.0 43.6

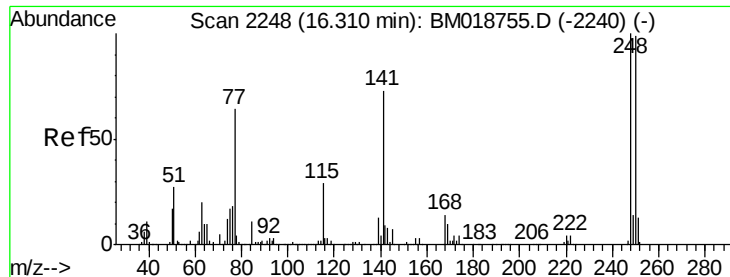


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





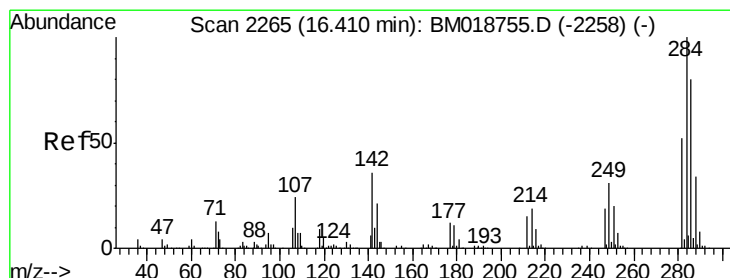
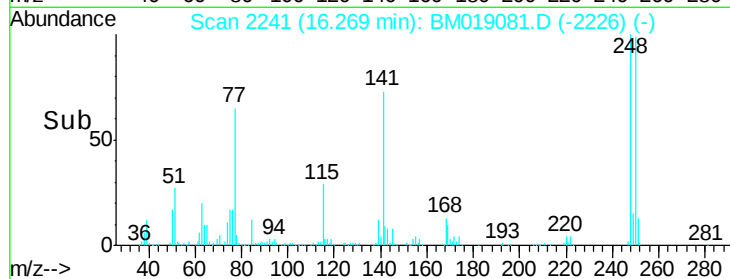
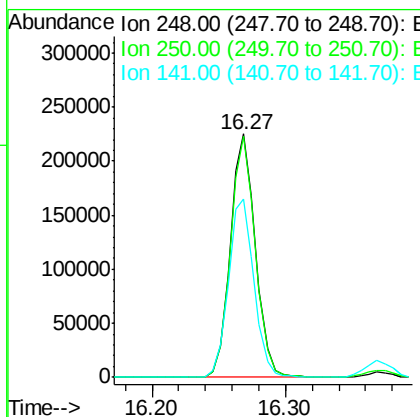
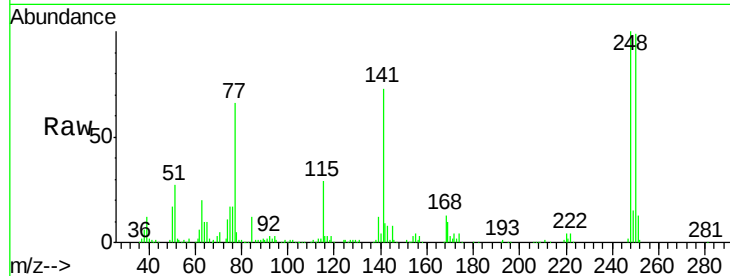
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.558 ng  
 RT: 16.27 min Scan# 2241  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampled :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 294144 |       |       |
| 250     | 99.2  | 79.0   | 118.6 |       |
| 141     | 73.4  | 58.6   | 88.0  |       |

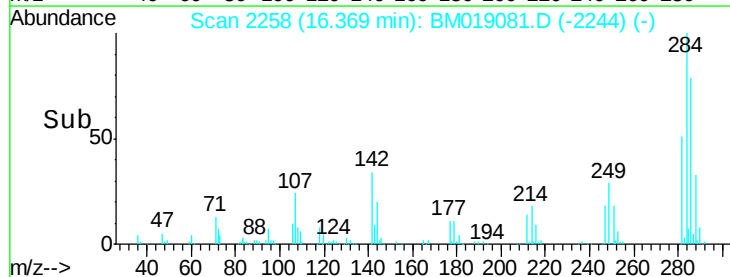
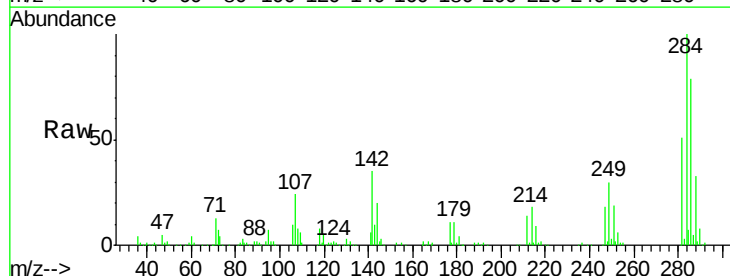
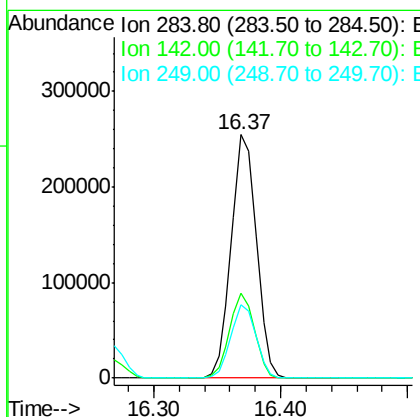
Manual Integrations  
 APPROVED

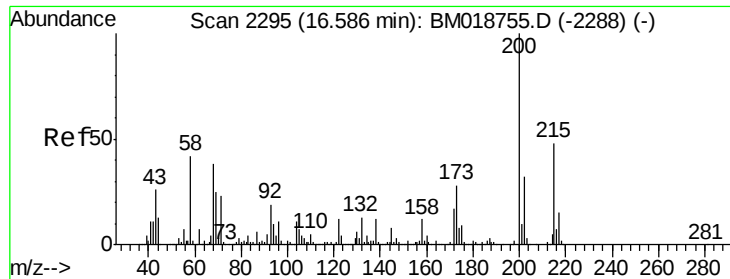
Sohil  
 3/11/2019 5:47:22 PM



#68  
 Hexachlorobenzene  
 Concen: 37.513 ng  
 RT: 16.37 min Scan# 2258  
 Delta R.T. -0.02 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 350826 |       |       |
| 142     | 34.6  | 28.9   | 43.3  |       |
| 249     | 30.0  | 24.8   | 37.2  |       |





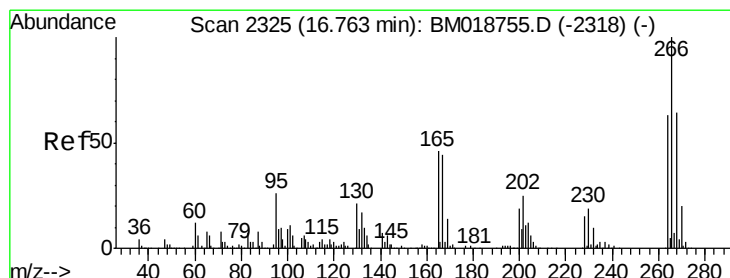
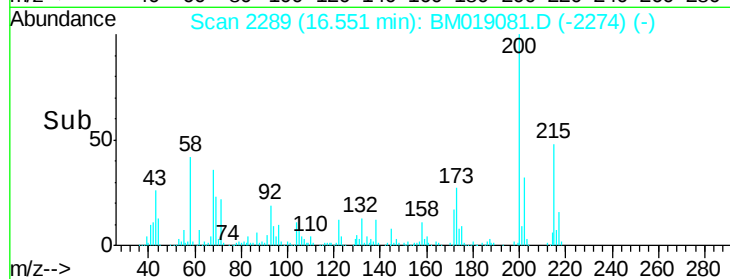
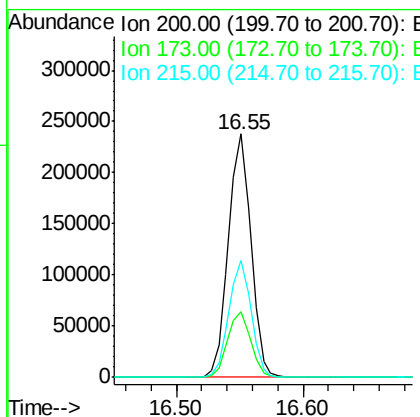
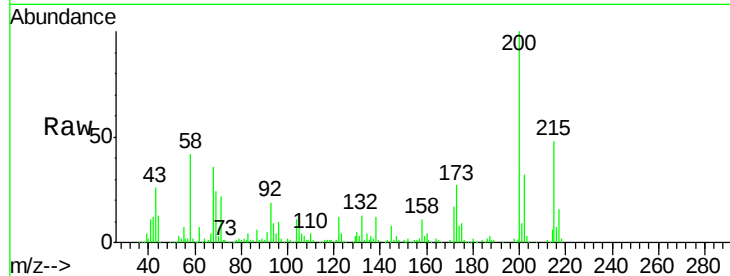
#69  
 Atrazine  
 Concen: 40.138 ng  
 RT: 16.55 min Scan# 2289  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 293873 |       |       |
| 173     | 27.2  | 7.6    | 47.6  |       |
| 215     | 47.9  | 27.6   | 67.6  |       |

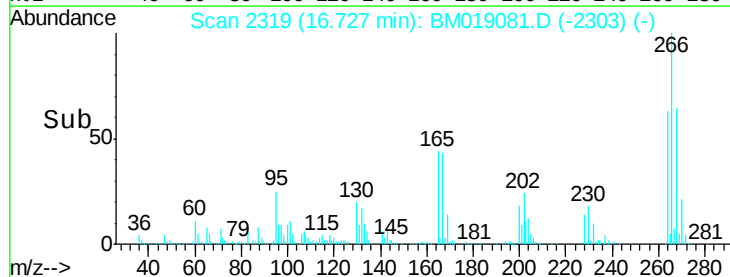
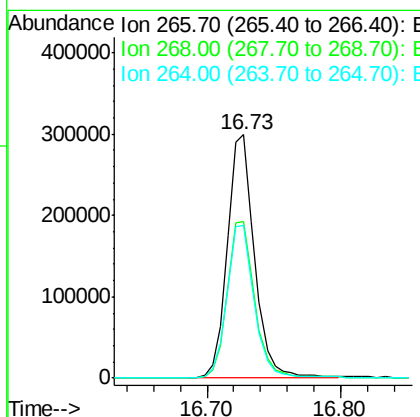
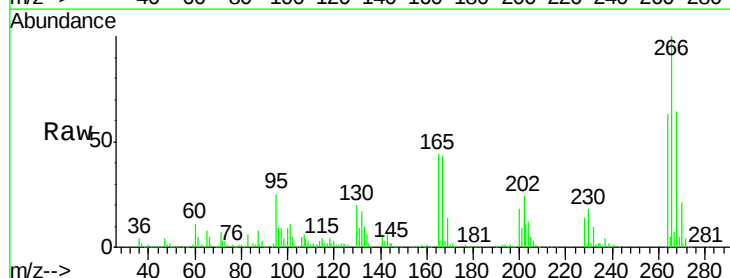
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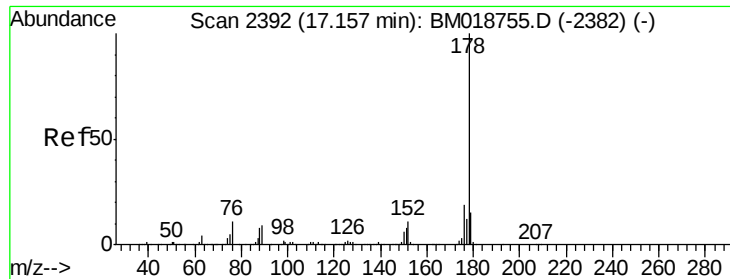
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 3/11/2019 5:47:22 PM



#70  
 Pentachlorophenol  
 Concen: 71.305 ng  
 RT: 16.73 min Scan# 2319  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 429378 |       |       |
| 268     | 64.4  | 51.3   | 76.9  |       |
| 264     | 62.6  | 50.6   | 75.8  |       |





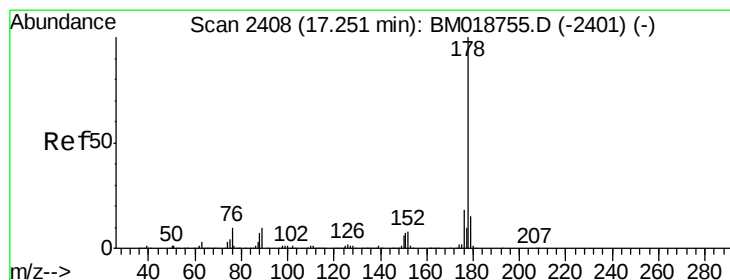
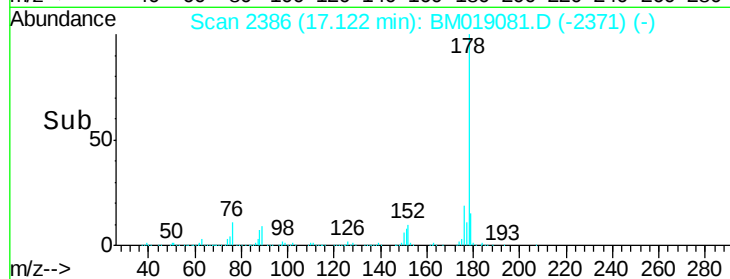
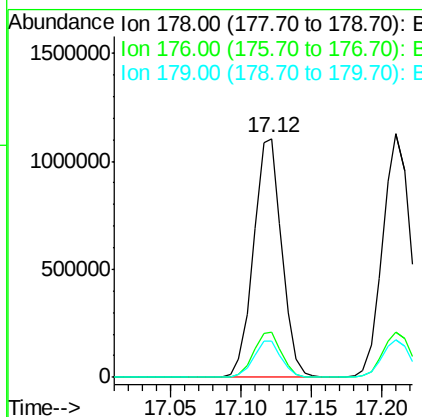
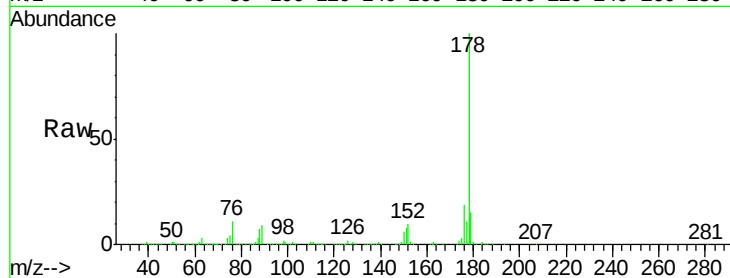
#71  
Phenanthrene  
Concen: 40.247 ng  
RT: 17.12 min Scan# 2386  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

Tgt Ion:178 Resp: 1554748  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 14.9 12.3 18.5

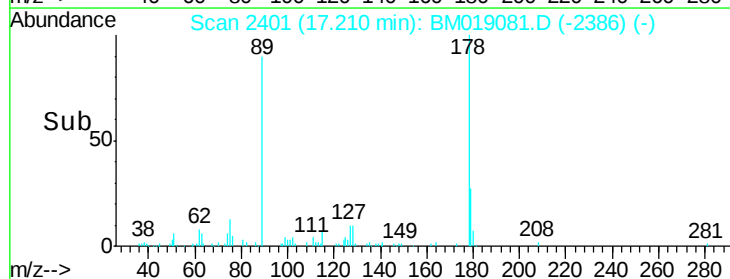
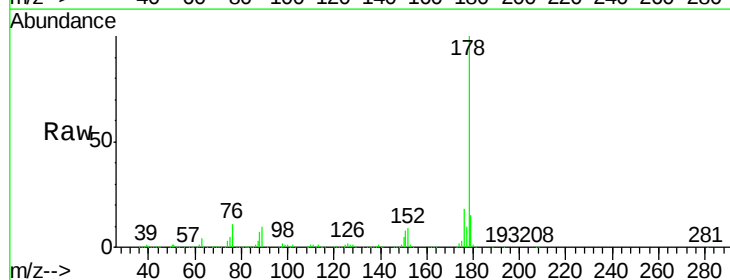
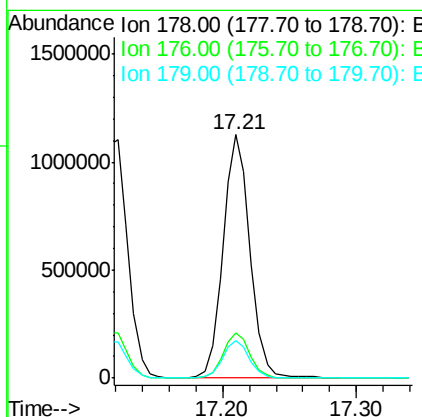
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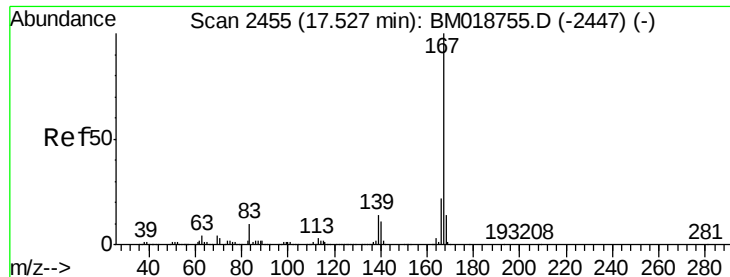
Sohil  
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#72  
Anthracene  
Concen: 41.714 ng  
RT: 17.21 min Scan# 2401  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Tgt Ion:178 Resp: 1568453  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.2 12.1 18.1





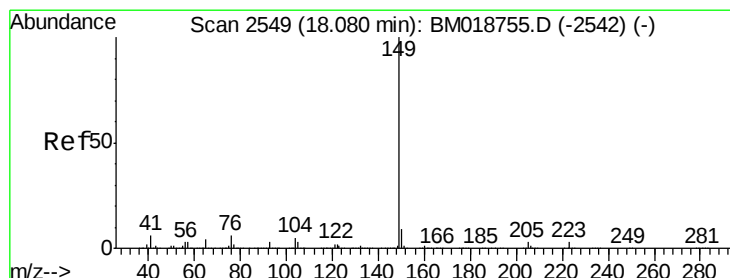
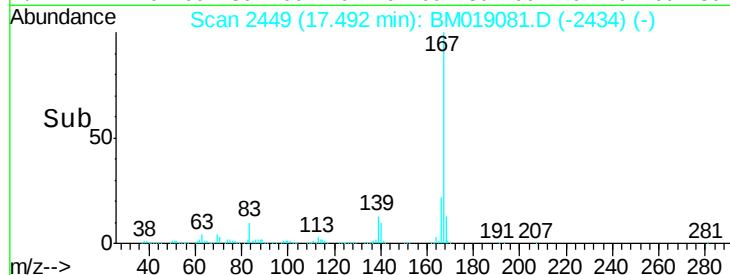
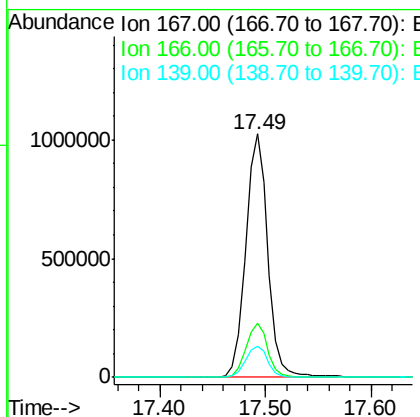
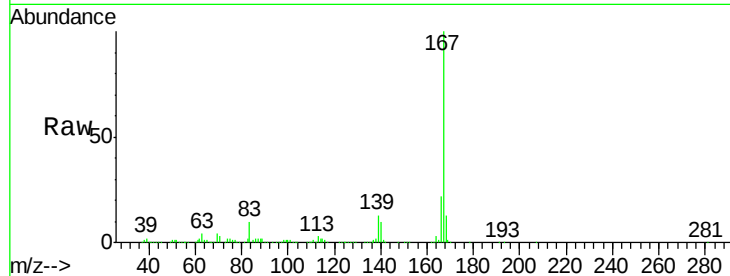
#73  
 Carbazole  
 Concen: 37.619 ng  
 RT: 17.49 min Scan# 2449  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampled :  
 TP-13MSD

Tgt Ion:167 Resp: 1477788  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.7 26.5  
 139 12.9 10.9 16.3

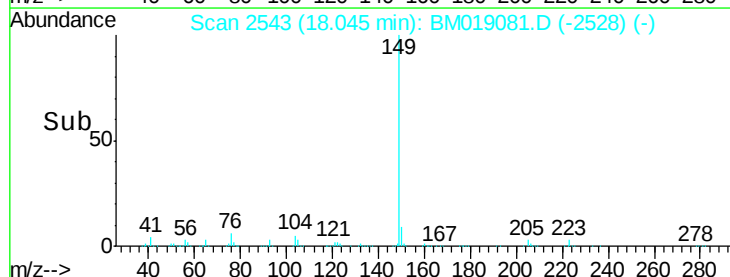
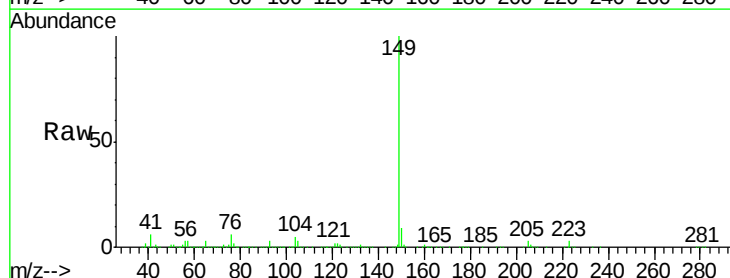
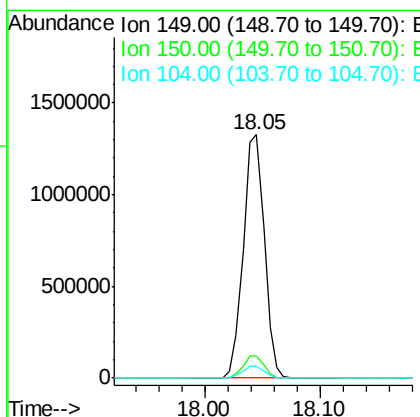
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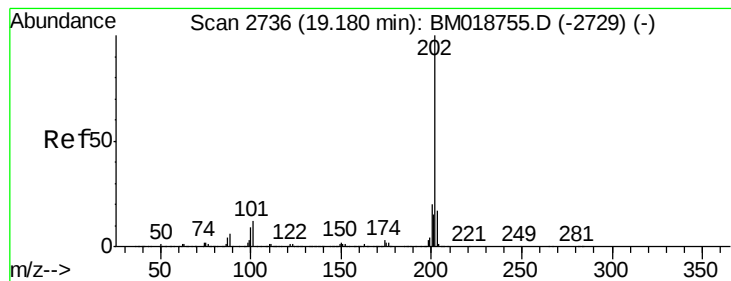
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#74  
 Di-n-butylphthalate  
 Concen: 37.282 ng  
 RT: 18.05 min Scan# 2543  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Tgt Ion:149 Resp: 1684341  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 38.703 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

ClientSampleId :

TP-13MSD

Tgt Ion:202 Resp: 1727030

Ion Ratio Lower Upper

202 100

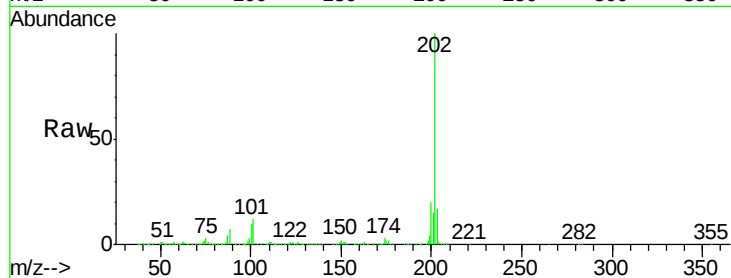
101 11.9 0.0 31.5

203 17.1 0.0 37.3

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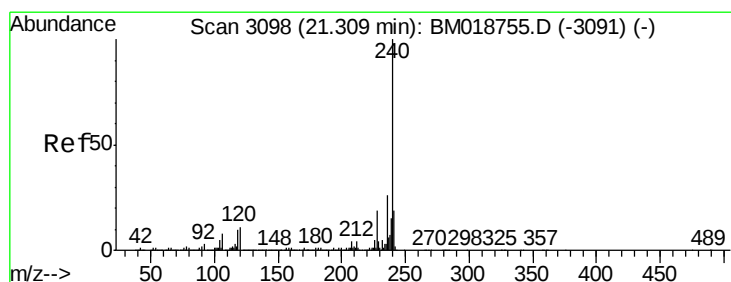
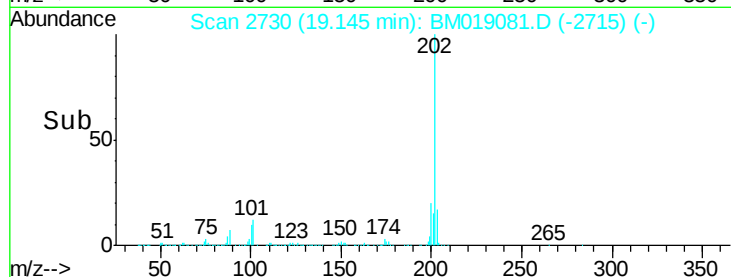
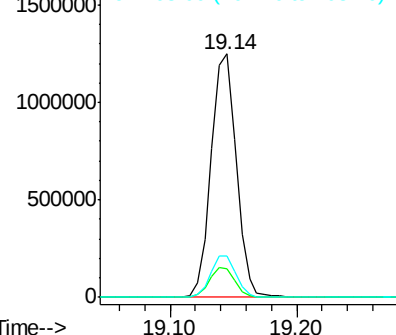
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

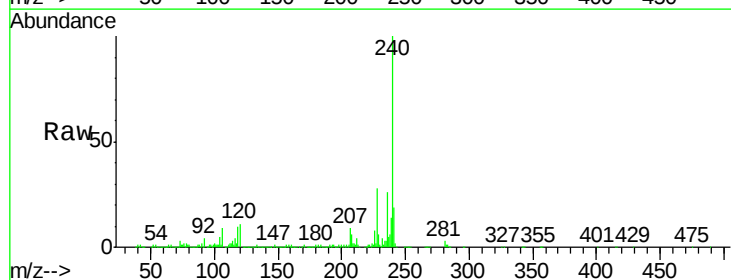
Tgt Ion:240 Resp: 744479

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

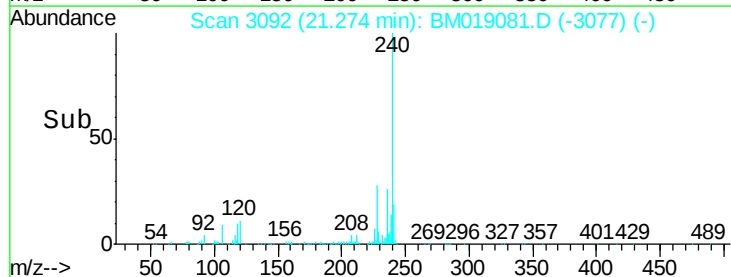
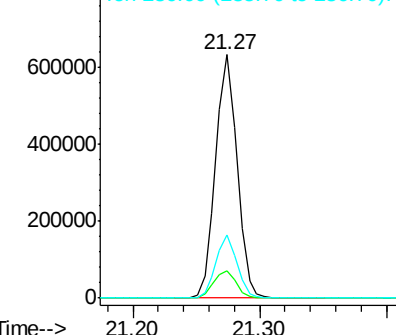
236 25.8 20.9 31.3

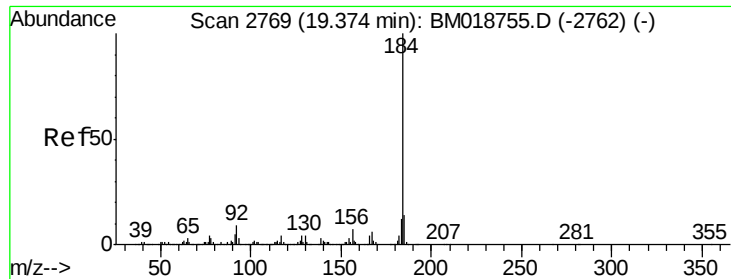


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.865 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

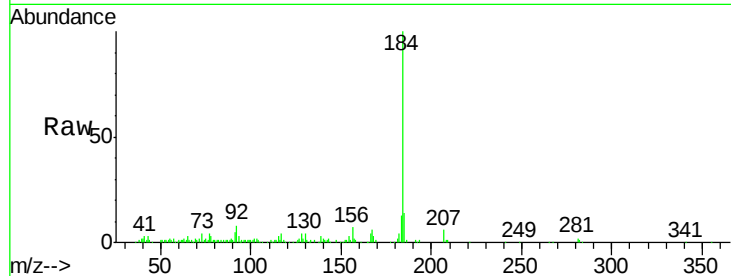
ClientSampleId :

TP-13MSD

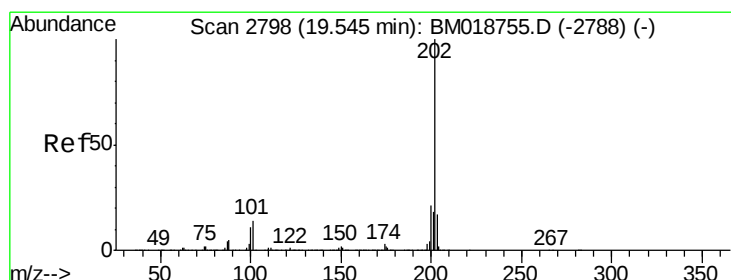
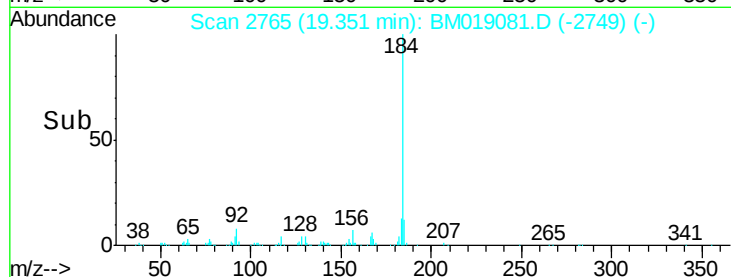
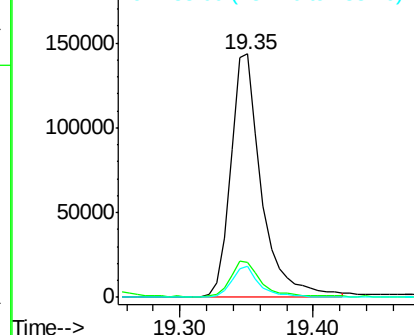
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 232476 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.2  | 11.2  | 16.8   |
| 183       | 12.6  | 9.7   | 14.5   |

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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: 40.865 ng

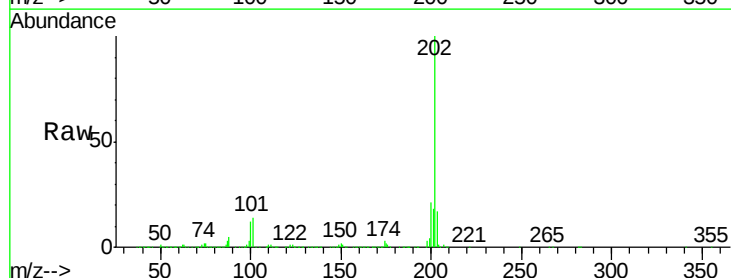
RT: 19.51 min Scan# 2792

Delta R.T. -0.01 min

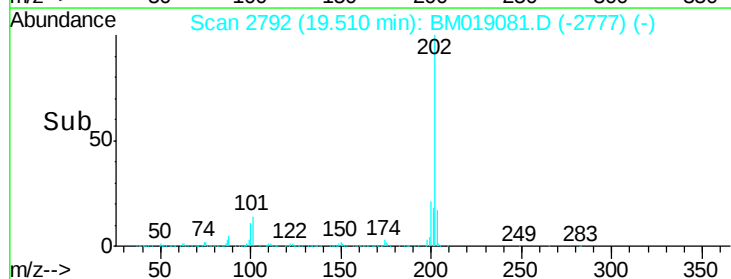
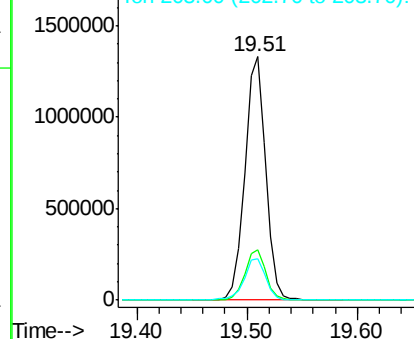
Lab File: BM019081.D

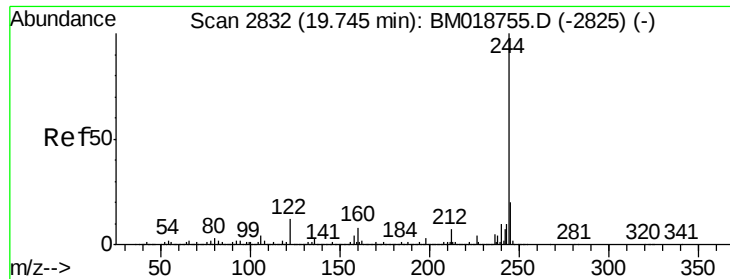
Acq: 08 Mar 2019 19:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1766926 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.6  | 16.9  | 25.3    |
| 203       | 17.0  | 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





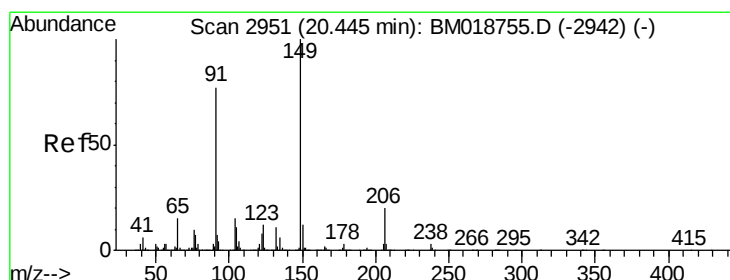
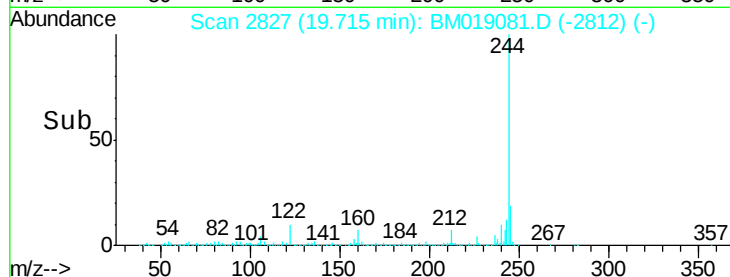
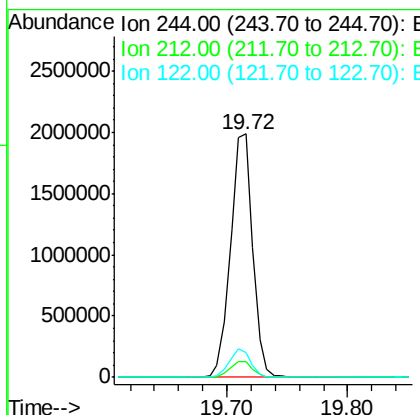
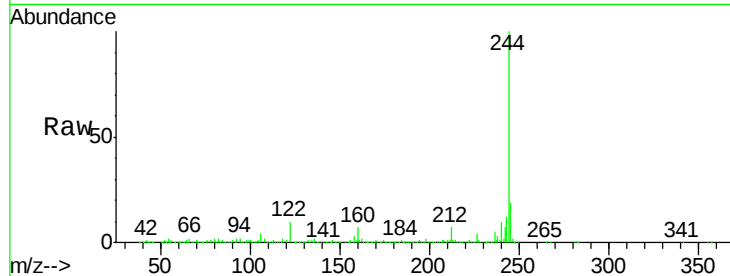
#79  
 Terphenyl-d14  
 Concen: 70.266 ng  
 RT: 19.72 min Scan# 2827  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Instrument :  
 BNA\_M  
 ClientSampled :  
 TP-13MSD

Tgt Ion:244 Resp: 2535816  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.6 8.4  
 122 10.1 9.3 13.9

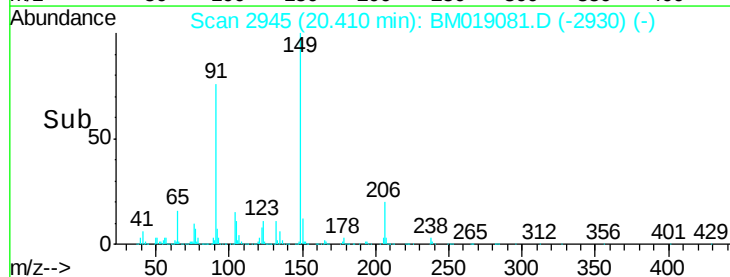
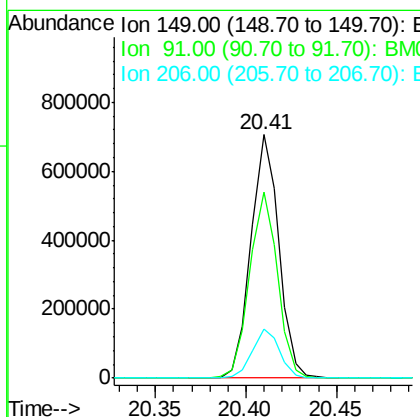
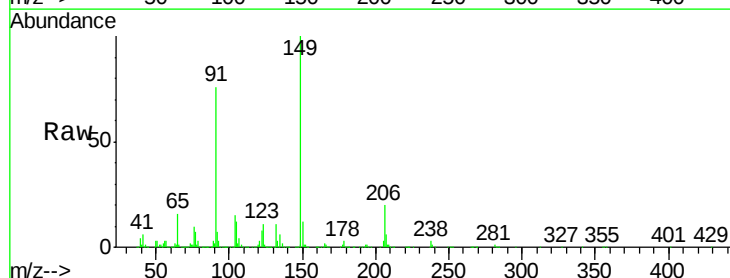
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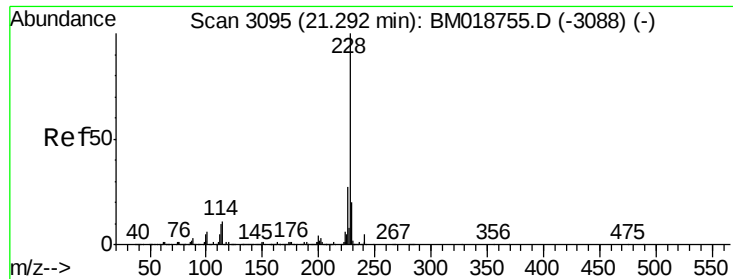
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#80  
 Butylbenzylphthalate  
 Concen: 38.250 ng  
 RT: 20.41 min Scan# 2945  
 Delta R.T. -0.01 min  
 Lab File: BM019081.D  
 Acq: 08 Mar 2019 19:41

Tgt Ion:149 Resp: 753739  
 Ion Ratio Lower Upper  
 149 100  
 91 76.4 61.4 92.0  
 206 19.9 15.8 23.8





#81

Benzo(a)anthracene

Concen: 38.453 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

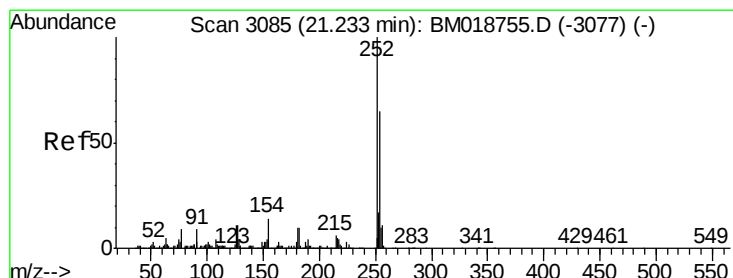
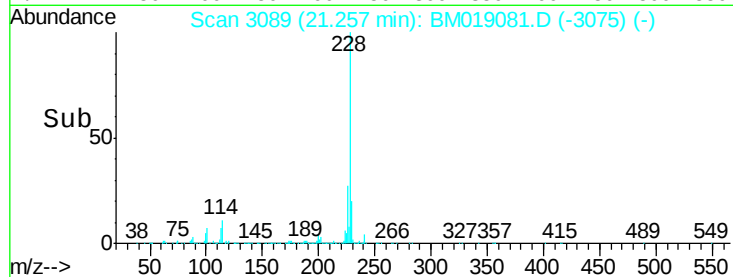
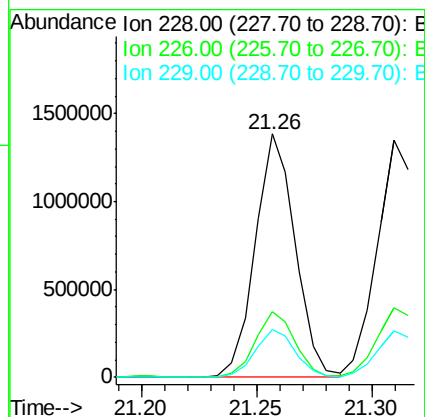
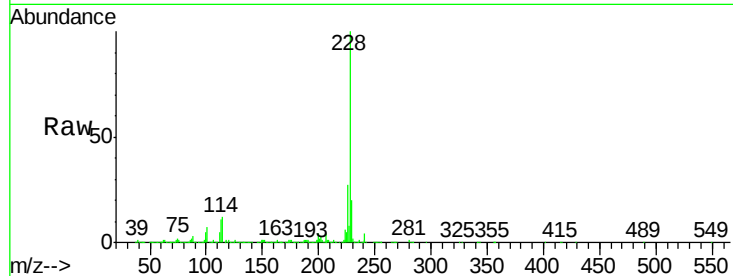
ClientSampleId :

TP-13MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1668745 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 26.9  | 21.9  | 32.9    |
| 229       | 19.7  | 15.9  | 23.9    |

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#82

3,3'-Dichlorobenzidine

Concen: 30.470 ng

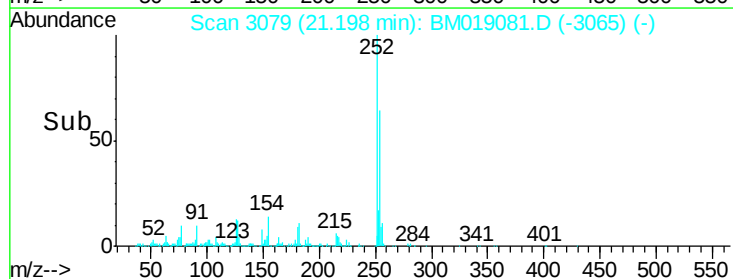
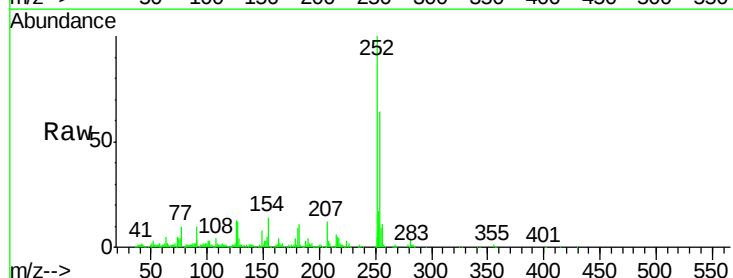
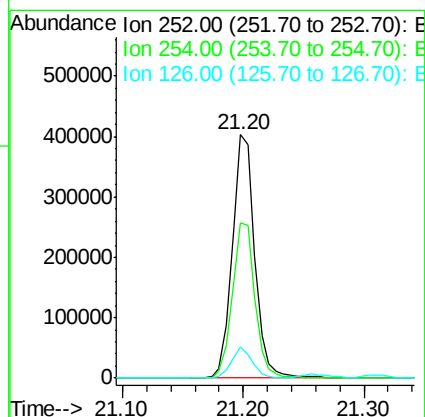
RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 522602 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.9  | 51.8  | 77.8   |
| 126       | 12.7  | 9.1   | 13.7   |





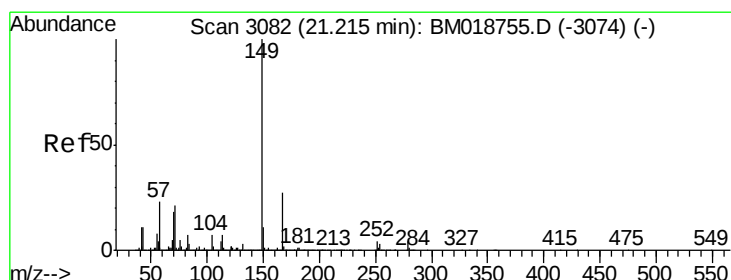
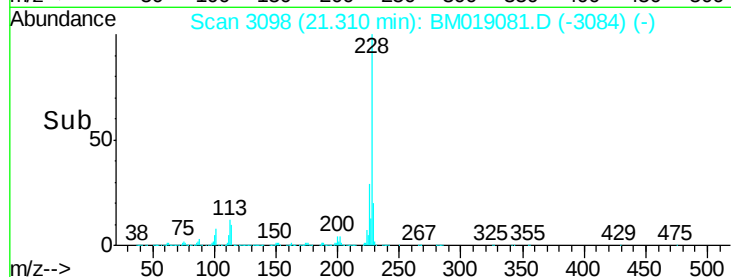
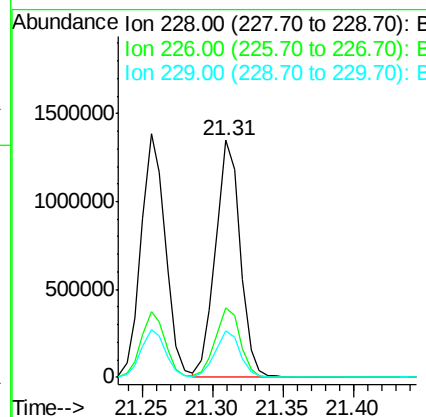
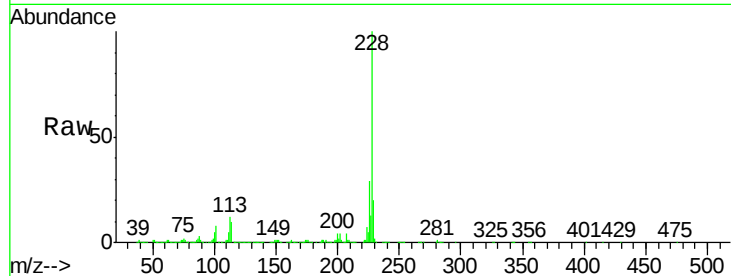
#83  
Chrysene  
Concen: 39.594 ng  
RT: 21.31 min Scan# 3098  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

Tgt Ion: 228 Resp: 1646945  
Ion Ratio Lower Upper  
228 100  
226 29.4 24.1 36.1  
229 19.6 16.0 24.0

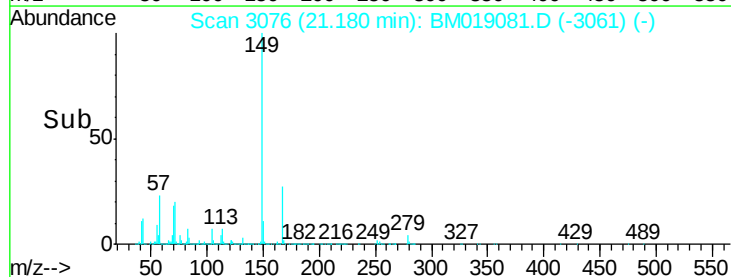
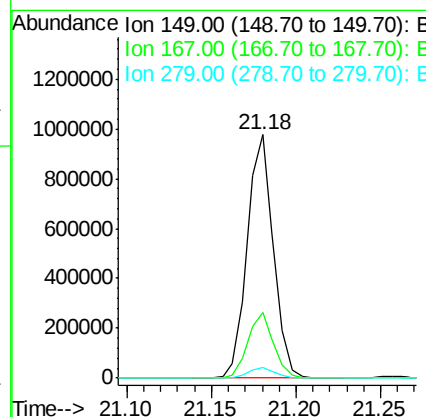
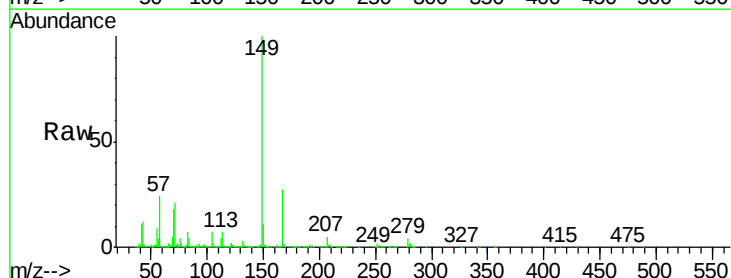
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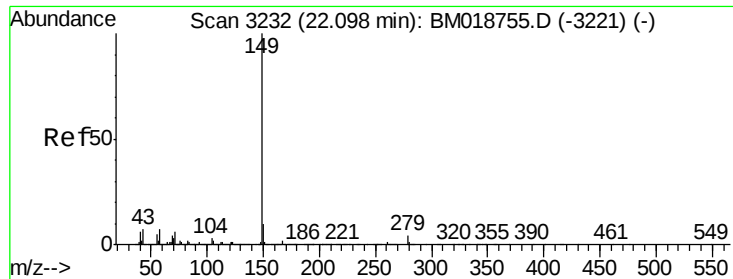
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 36.307 ng  
RT: 21.18 min Scan# 3076  
Delta R.T. -0.01 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Tgt Ion: 149 Resp: 1047140  
Ion Ratio Lower Upper  
149 100  
167 26.8 21.8 32.6  
279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 37.375 ng

RT: 22.06 min Scan# 3225

Delta R.T. -0.02 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

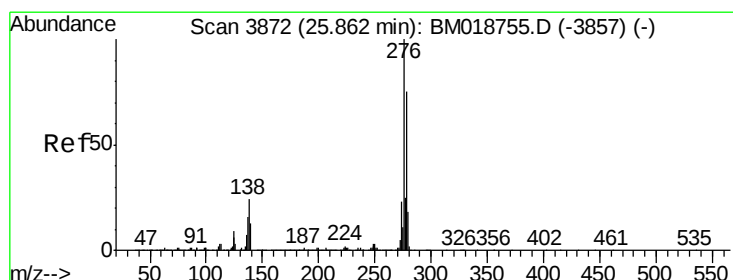
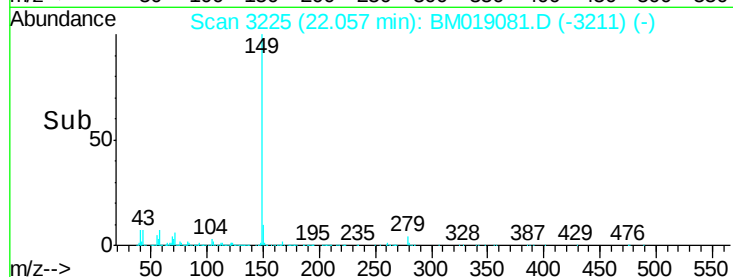
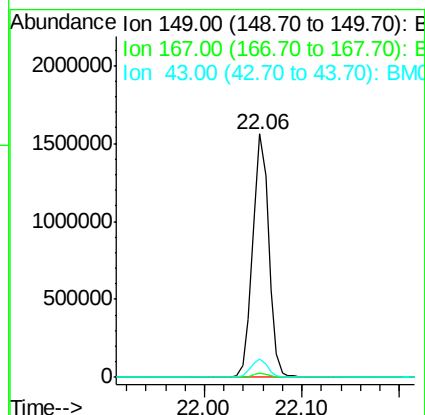
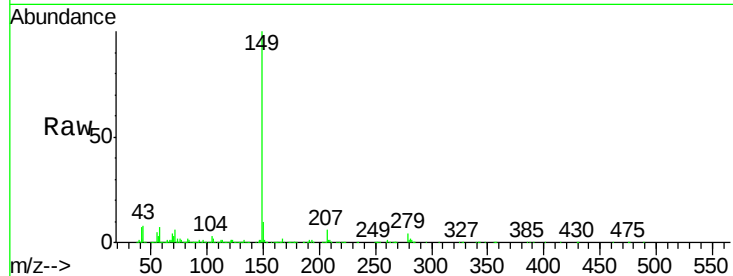
ClientSampleId :

TP-13MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1811687 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.6   | 1.3   | 1.9     |
| 43        | 7.5   | 6.0   | 9.0     |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 53.776 ng

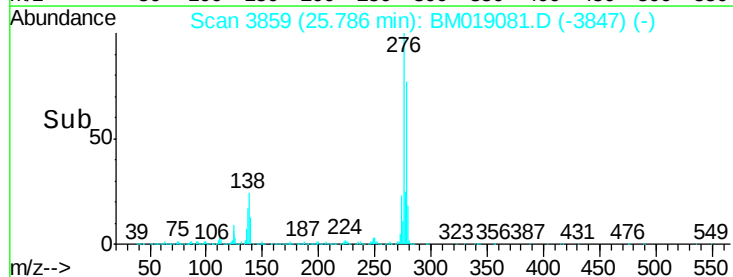
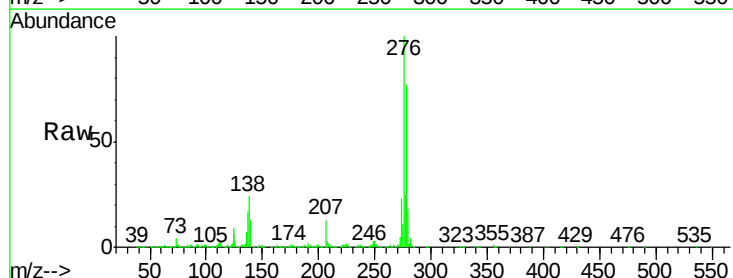
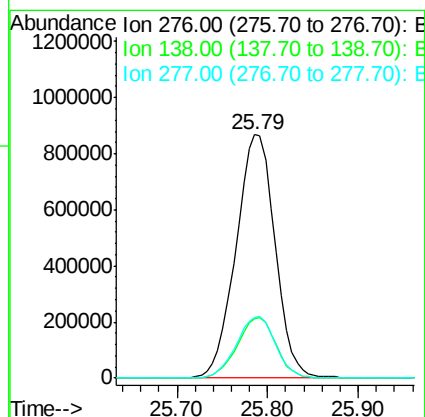
RT: 25.79 min Scan# 3859

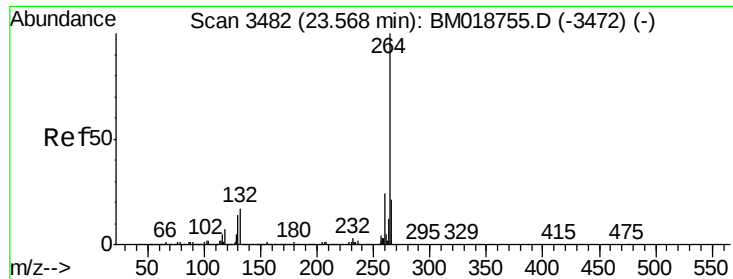
Delta R.T. -0.03 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 2582552 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 24.6  | 20.2  | 30.4    |
| 277       | 25.3  | 20.3  | 30.5    |





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

Instrument :

BNA\_M

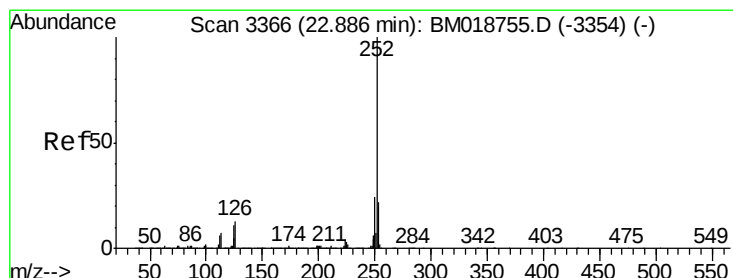
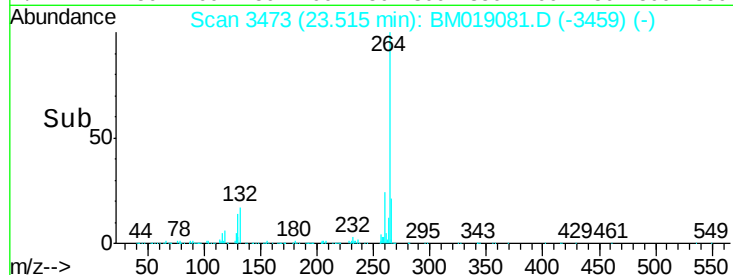
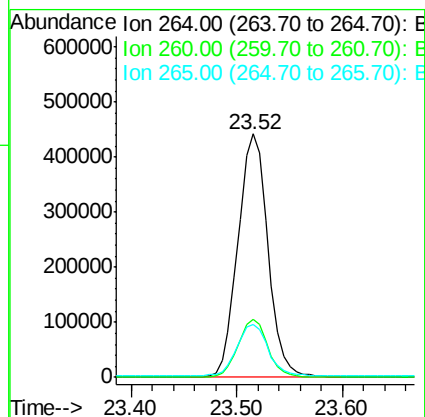
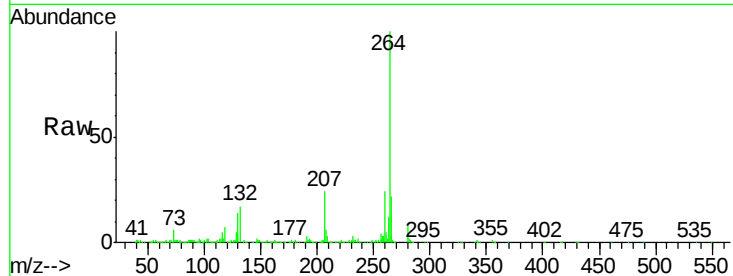
ClientSampleId :

TP-13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 869772 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.7  | 18.9  | 28.3   |
| 265       | 21.9  | 17.3  | 25.9   |

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#88

Benzo(b)fluoranthene

Concen: 38.649 ng

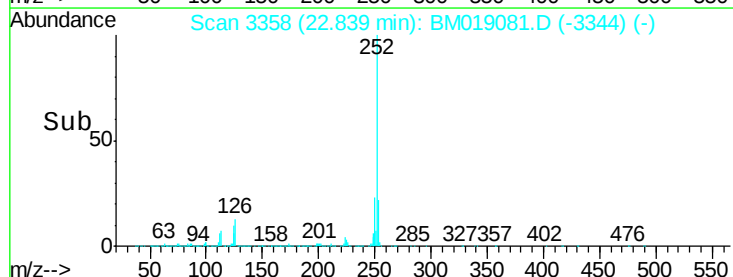
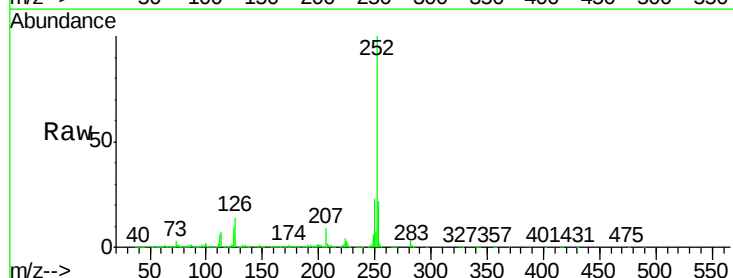
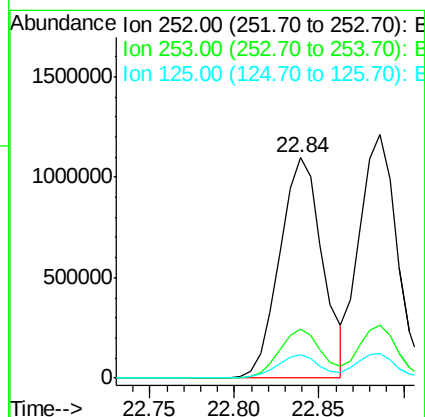
RT: 22.84 min Scan# 3358

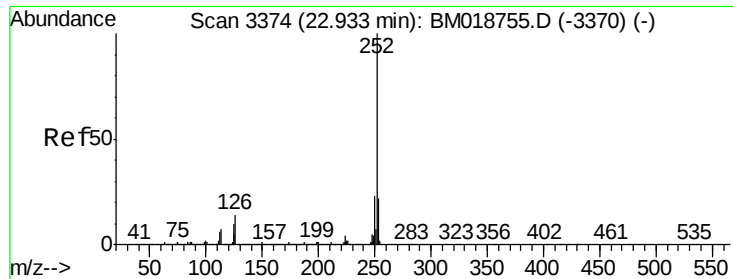
Delta R.T. -0.02 min

Lab File: BM019081.D

Acq: 08 Mar 2019 19:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1923302 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.2  | 17.8  | 26.6    |
| 125       | 10.5  | 8.6   | 12.8    |





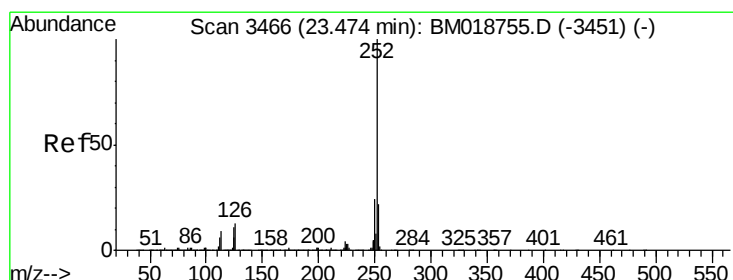
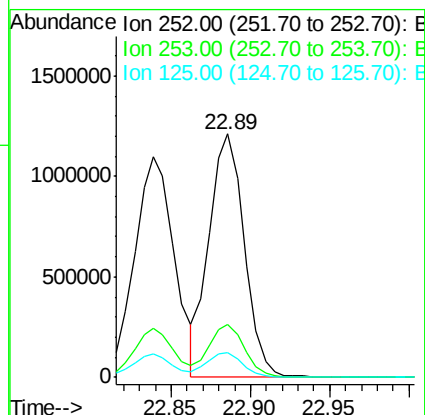
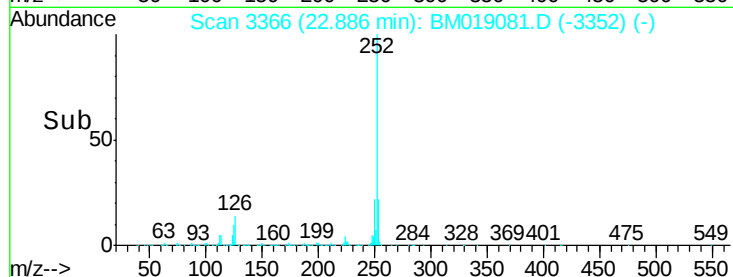
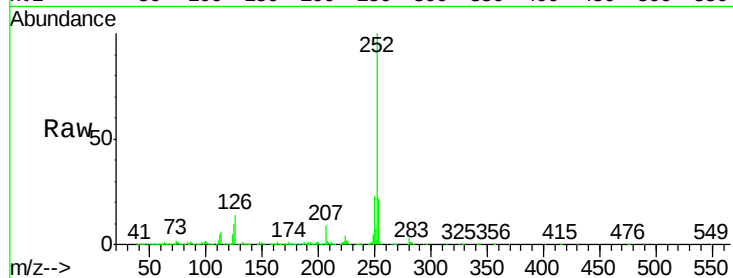
#89  
Benzo(k)fluoranthene  
Concen: 37.725 ng  
RT: 22.89 min Scan# 3366  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.7  | 26.5  |
| 125     | 10.4  | 8.2   | 12.4  |

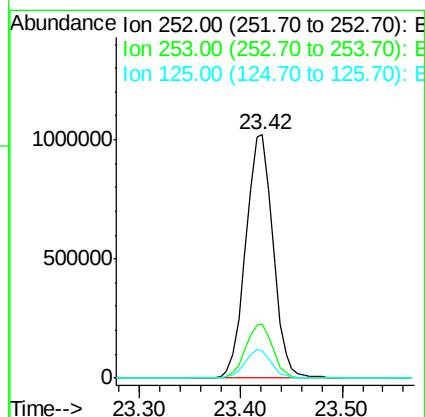
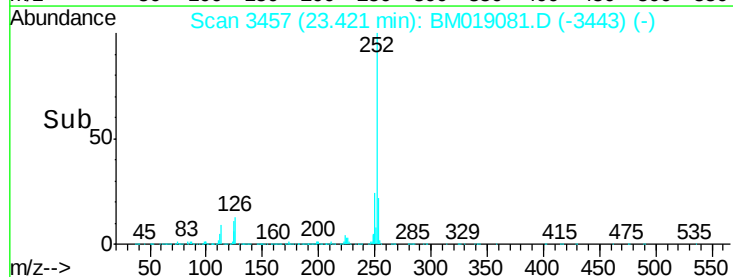
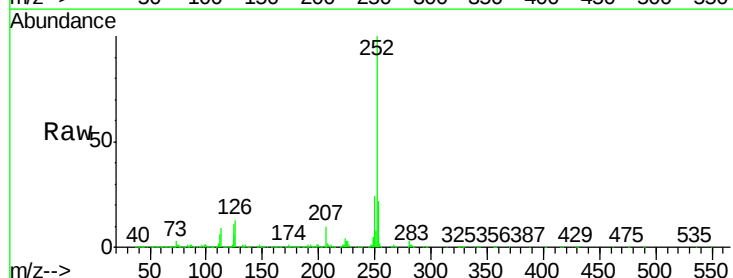
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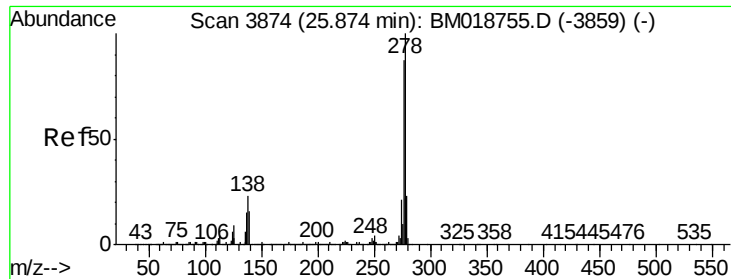
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#90  
Benzo(a)pyrene  
Concen: 40.436 ng  
RT: 23.42 min Scan# 3457  
Delta R.T. -0.02 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.0  |
| 125     | 11.0  | 8.6   | 13.0  |





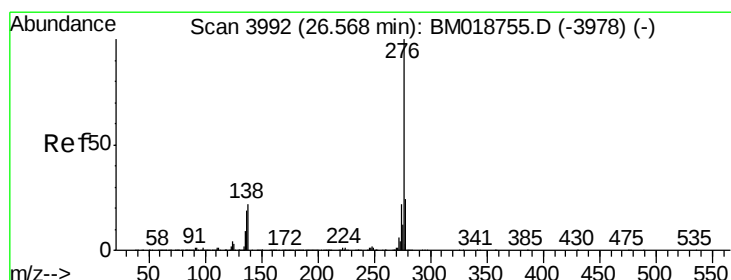
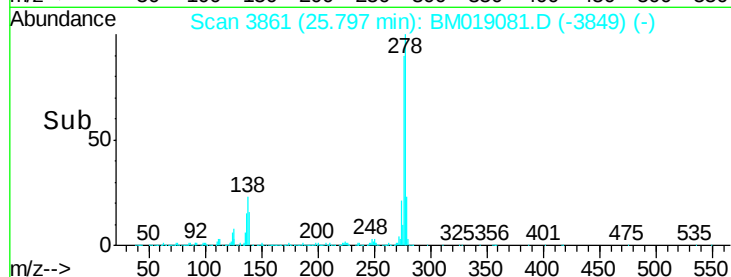
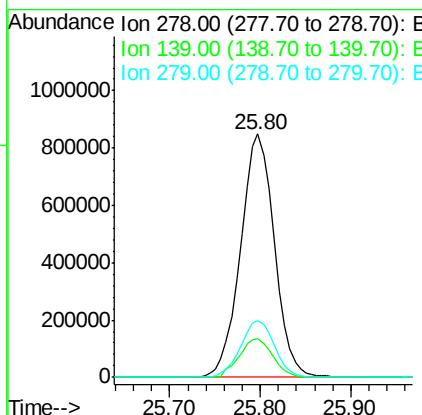
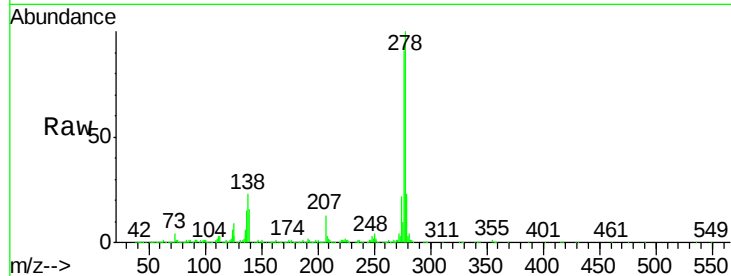
#91  
Dibenzo(a,h)anthracene  
Concen: 47.125 ng  
RT: 25.80 min Scan# 3861  
Delta R.T. -0.03 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Instrument :  
BNA\_M  
ClientSampled :  
TP-13MSD

Tgt Ion:278 Resp: 2200960  
Ion Ratio Lower Upper  
278 100  
139 16.0 12.6 18.8  
279 23.5 18.6 28.0

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#92  
Benzo(g,h,i)perylene  
Concen: 49.481 ng  
RT: 26.49 min Scan# 3978  
Delta R.T. -0.03 min  
Lab File: BM019081.D  
Acq: 08 Mar 2019 19:41

Tgt Ion:276 Resp: 2151506  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.2 28.8  
138 21.0 17.3 25.9

