

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\  
 Data File : BM018714.D  
 Acq On : 01 Feb 2019 20:02  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

apatel  
 2/4/2019 12:44:40 PM

Quant Time: Feb 01 22:23:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 22:01:30 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 289361   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.51 | 136  | 1126271  | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.37 | 164  | 617814   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.12 | 188  | 1369747  | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.32 | 240  | 1424686  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.57 | 264  | 1453292  | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 1257186 | 80.22 | ng | -0.02 |
| 7) Phenol-d6             | 6.89  | 99  | 1605820 | 80.68 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 8.89  | 82  | 1504081 | 77.42 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.87 | 330 | 658064  | 83.65 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 12.99 | 172 | 3624518 | 76.55 | ng | -0.02 |
| 79) Terphenyl-d14        | 19.76 | 244 | 5437935 | 80.46 | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 236455  | 37.021 | ng | 97     |
| 3) Pyridine                    | 3.66  | 79  | 617714  | 38.792 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.58  | 42  | 248152  | 37.686 | ng | # 94   |
| 6) Aniline                     | 7.06  | 93  | 933098  | 42.027 | ng | 99     |
| 8) 2-Chlorophenol              | 7.29  | 128 | 732472  | 40.021 | ng | 96     |
| 9) Benzaldehyde                | 6.88  | 77  | 391270  | 32.380 | ng | 98     |
| 10) Phenol                     | 6.92  | 94  | 812058  | 40.150 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.16  | 93  | 616907  | 38.818 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.60  | 146 | 840860  | 38.578 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.76  | 146 | 860823  | 38.966 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.07  | 146 | 817370  | 39.020 | ng | 100    |
| 15) Benzyl Alcohol             | 7.97  | 79  | 588211  | 40.917 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 804705  | 39.622 | ng | 95     |
| 17) 2-Methylphenol             | 8.16  | 107 | 553539  | 40.319 | ng | 99     |
| 18) Hexachloroethane           | 8.79  | 117 | 300828  | 38.192 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.53  | 70  | 498673  | 38.499 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.49  | 107 | 764090  | 40.316 | ng | 99     |
| 22) Acetophenone               | 8.55  | 105 | 1057235 | 37.947 | ng | # 97   |
| 24) Nitrobenzene               | 8.93  | 77  | 742855  | 38.860 | ng | 99     |
| 25) Isophorone                 | 9.45  | 82  | 1156988 | 39.327 | ng | 98     |
| 26) 2-Nitrophenol              | 9.63  | 139 | 412986  | 44.680 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.69  | 122 | 553248  | 39.933 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.93  | 93  | 786102  | 38.679 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.16 | 162 | 674997  | 40.915 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.37 | 180 | 771091  | 37.656 | ng | 99     |
| 31) Naphthalene                | 10.56 | 128 | 2074519 | 38.246 | ng | 100    |
| 32) Benzoic acid               | 9.85  | 122 | 458437m | 48.990 | ng |        |
| 33) 4-Chloroaniline            | 10.68 | 127 | 921270  | 43.127 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.83 | 225 | 484707  | 37.468 | ng | 99     |
| 35) Caprolactam                | 11.50 | 113 | 226332  | 40.352 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 11.80 | 107 | 692059  | 39.985 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.17 | 142 | 1447426 | 37.769 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.40 | 142 | 1406732 | 37.937 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.55 | 216 | 840008  | 38.881 | ng | 98     |

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 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

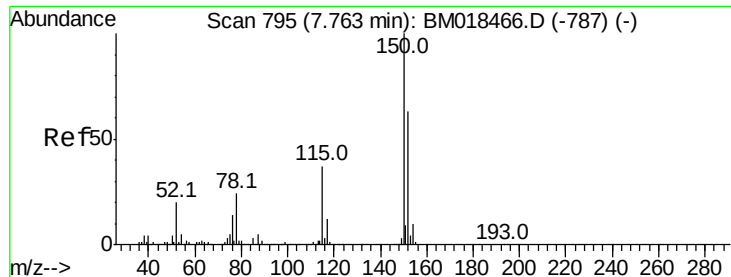
apatel  
 2/4/2019 12:44:40 PM

Quant Time: Feb 01 22:23:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 22:01:30 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.51 | 237  | 525518   | 44.320 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.79 | 196  | 550577   | 41.966 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.87 | 196  | 574355   | 41.626 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.20 | 154  | 2067646  | 38.329 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.24 | 162  | 1610084  | 38.490 | nq    | 100      |
| 48) 2-Nitroaniline             | 13.46 | 65   | 430792   | 41.859 | nq    | 91       |
| 49) Acenaphthylene             | 14.09 | 152  | 2389532  | 39.197 | nq    | 99       |
| 50) Dimethylphthalate          | 13.83 | 163  | 1931517  | 38.067 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.96 | 165  | 435714   | 40.540 | nq    | 92       |
| 52) Acenaphthene               | 14.43 | 154  | 1425254  | 38.210 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.30 | 138  | 465557   | 42.966 | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.50 | 184  | 316460   | 56.696 | nq    | # 88     |
| 55) Dibenzofuran               | 14.77 | 168  | 2323097  | 37.694 | nq    | 100      |
| 56) 4-Nitrophenol              | 14.60 | 139  | 368793   | 39.398 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.75 | 165  | 594616   | 39.102 | nq    | 99       |
| 58) Fluorene                   | 15.42 | 166  | 1757475  | 38.280 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.00 | 232  | 490904   | 40.138 | nq    | 96       |
| 60) Diethylphthalate           | 15.20 | 149  | 1957468  | 38.215 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.42 | 204  | 1002507  | 37.887 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.46 | 138  | 450452   | 38.113 | nq    | 96       |
| 63) Azobenzene                 | 15.71 | 77   | 1622111  | 38.842 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.51 | 198  | 351741   | 41.154 | nq    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.64 | 169  | 1672714  | 39.368 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.32 | 248  | 599821   | 39.132 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.42 | 284  | 658347   | 38.366 | nq    | 100      |
| 69) Atrazine                   | 16.59 | 200  | 573457   | 37.333 | nq    | 99       |
| 70) Pentachlorophenol          | 16.77 | 266  | 459083   | 40.850 | nq    | 98       |
| 71) Phenanthrene               | 17.16 | 178  | 2775399  | 38.094 | nq    | 99       |
| 72) Anthracene                 | 17.26 | 178  | 2759956  | 39.394 | nq    | 100      |
| 73) Carbazole                  | 17.53 | 167  | 2844860  | 39.524 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.09 | 149  | 3287716  | 41.699 | nq    | 99       |
| 75) Fluoranthene               | 19.19 | 202  | 3248804  | 38.677 | nq    | 98       |
| 77) Benzidine                  | 19.39 | 184  | 1348707  | 38.340 | nq    | 99       |
| 78) Pyrene                     | 19.55 | 202  | 3378875  | 40.011 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.45 | 149  | 1560841  | 43.315 | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.30 | 228  | 3264062  | 38.890 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 1282532  | 40.410 | nq    | 99       |
| 83) Chrysene                   | 21.35 | 228  | 3092516  | 38.157 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.22 | 149  | 2188051  | 42.050 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.10 | 149  | 3697637  | 42.250 | nq    | # 95     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.87 | 276  | 3605070  | 38.575 | nq    | 97       |
| 88) Benzo(b)fluoranthene       | 22.89 | 252  | 3131365  | 37.953 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 22.94 | 252  | 3134443  | 37.697 | nq    | 98       |
| 90) Benzo(a)pyrene             | 23.48 | 252  | 3017160  | 38.198 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.89 | 278  | 3063109  | 38.272 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.58 | 276  | 3006436  | 38.601 | nq    | 98       |

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





#1

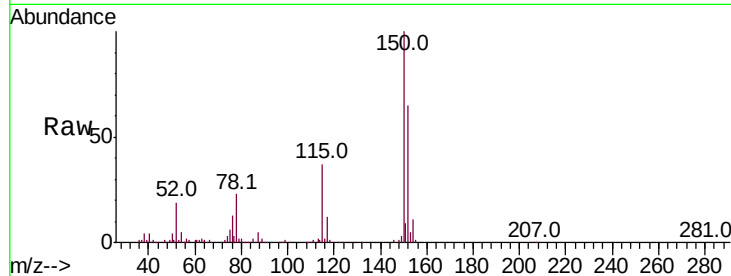
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.72 min Scan# 788  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

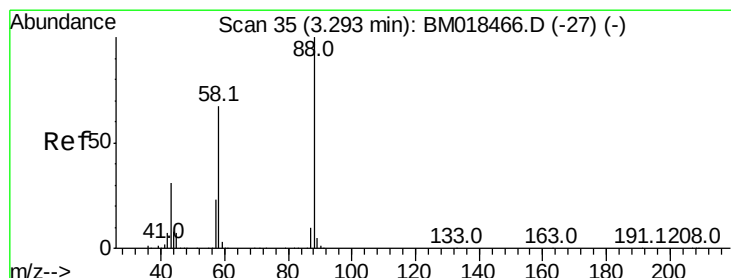
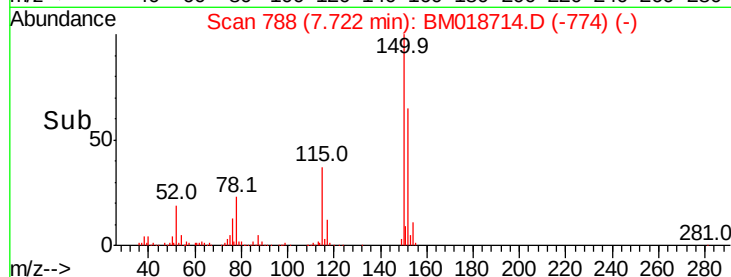
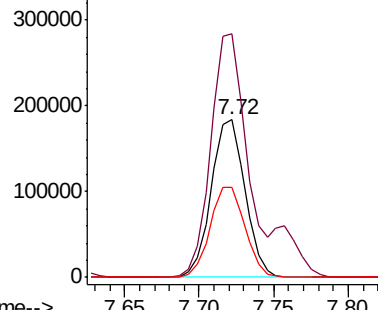
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.8 | 126.9 | 190.3 |
| 115     | 57.2  | 45.5  | 68.3  |

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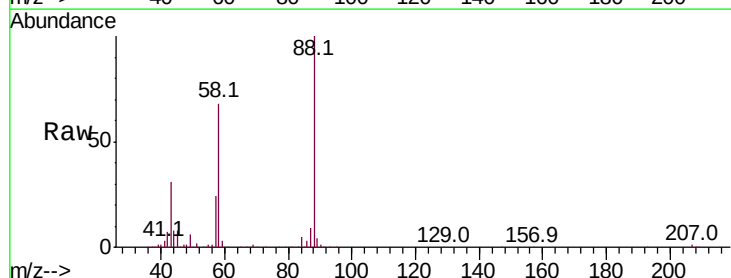
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



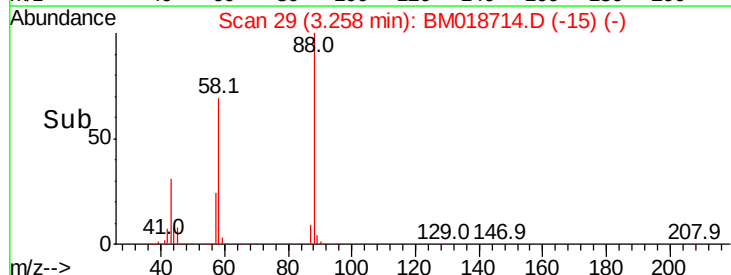
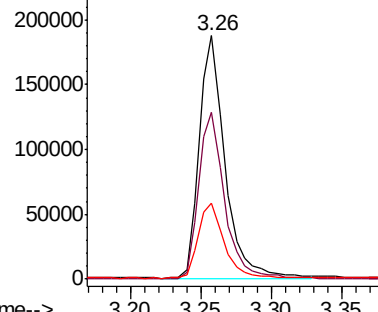
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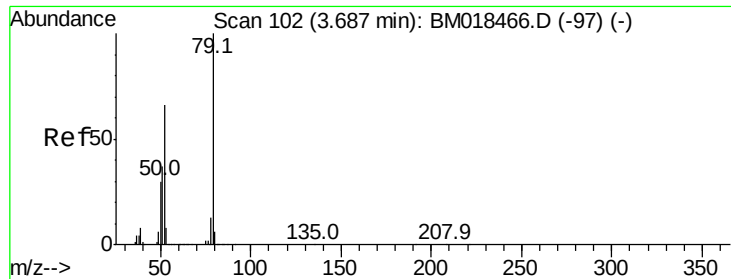
1,4-Dioxane  
Concen: 37.021 ng  
RT: 3.26 min Scan# 29  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.1  | 58.4  | 87.6  |
| 43      | 31.6  | 26.2  | 39.4  |



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

Pvridine

Concen: 38.792 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

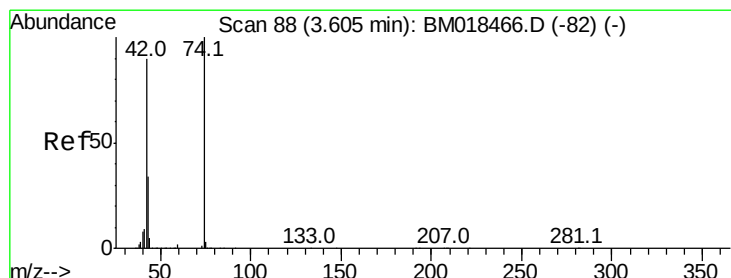
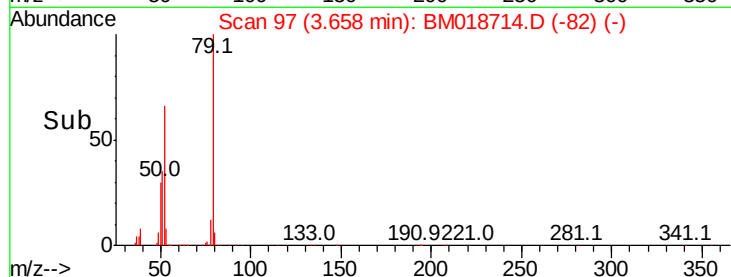
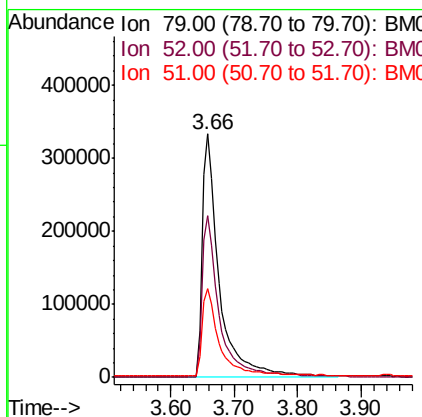
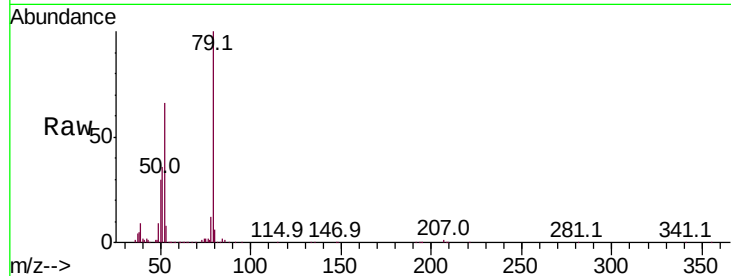
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 617714 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 66.5  | 56.4  | 84.6   |
| 51        | 36.2  | 31.0  | 46.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.686 ng

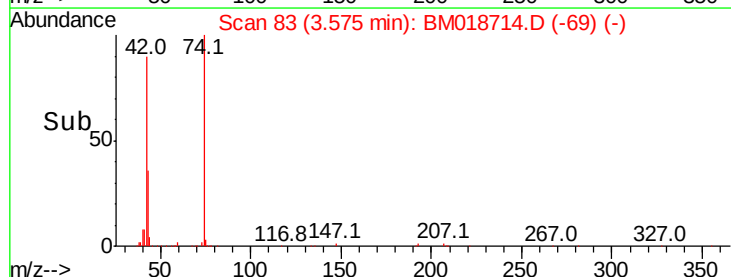
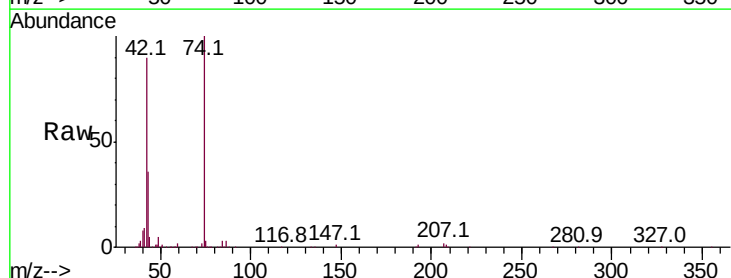
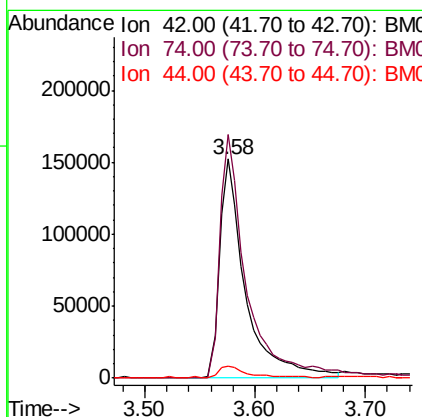
RT: 3.58 min Scan# 83

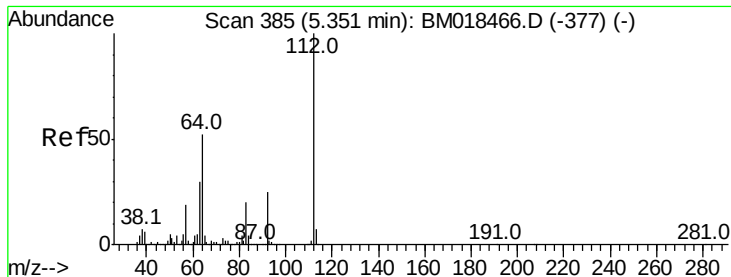
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 248152 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 111.3 | 88.6  | 132.8  |
| 44        | 5.2   | 16.9  | 25.3   |





#5

2-Fluorophenol

Concen: 80.224 ng

RT: 5.31 min Scan# 378

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 112 Resp: 1257186

Ion Ratio Lower Upper

112 100

64 53.9 46.5 69.7

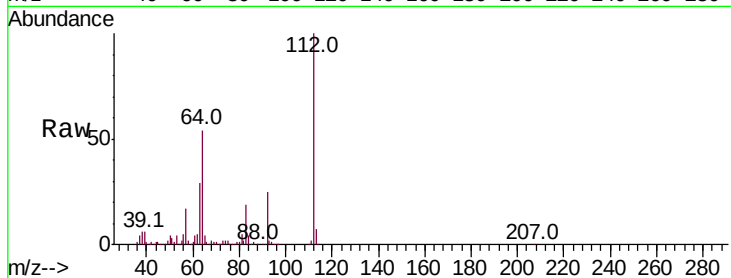
63 29.0 25.2 37.8

Manual Integrations

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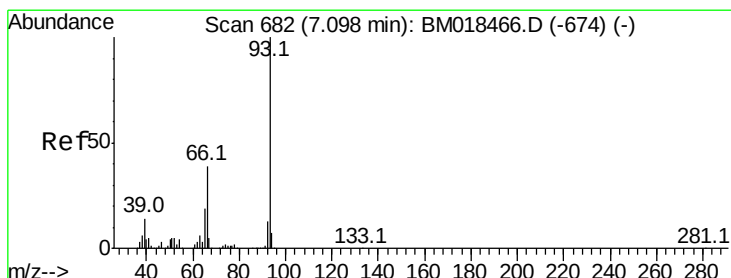
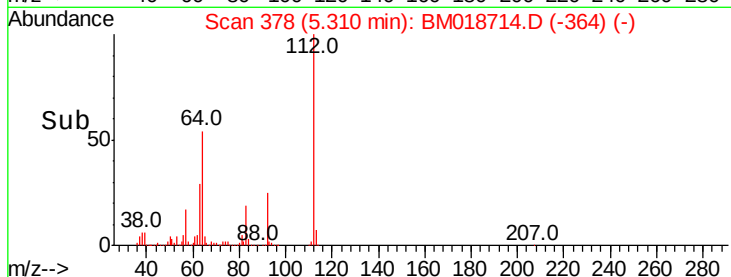
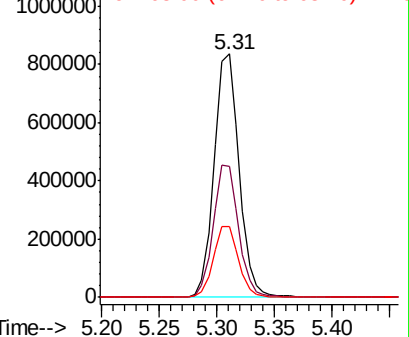
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.027 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

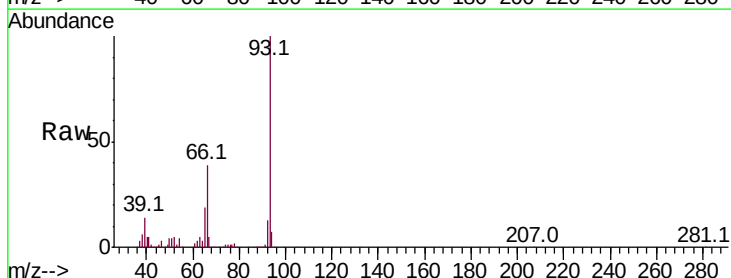
Tgt Ion: 93 Resp: 933098

Ion Ratio Lower Upper

93 100

66 39.3 31.7 47.5

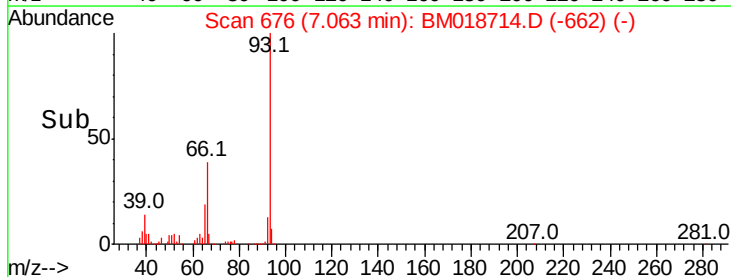
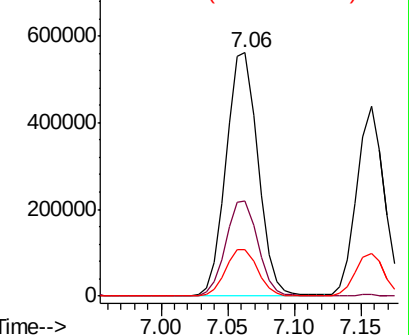
65 19.3 15.9 23.9

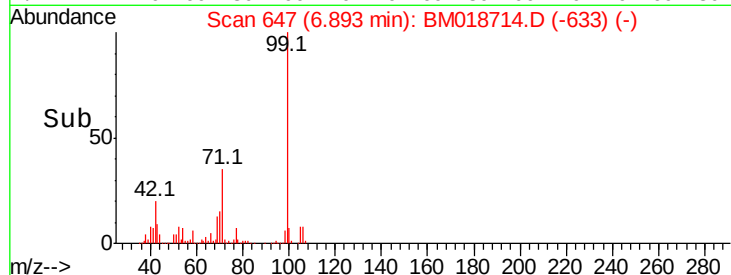
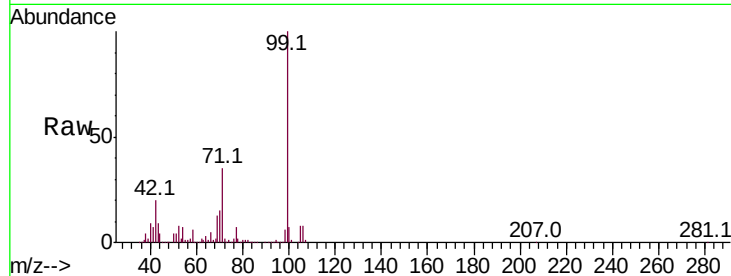
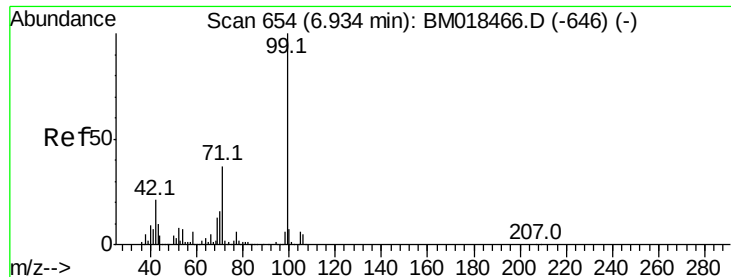


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.679 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1605820 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 19.8  | 17.3  | 25.9    |
| 71       | 35.4  | 28.0  | 42.0    |

Instrument :

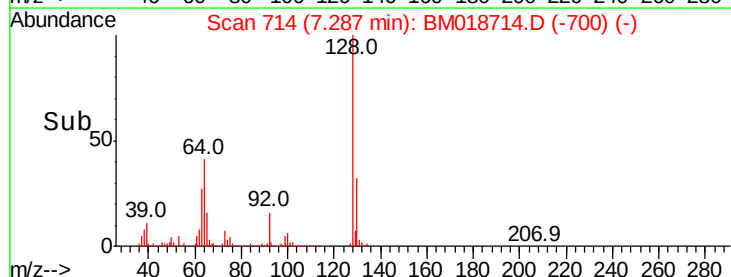
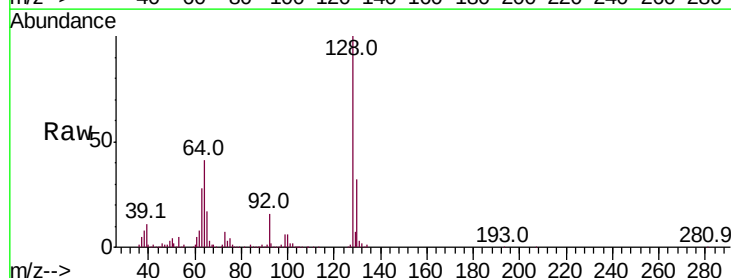
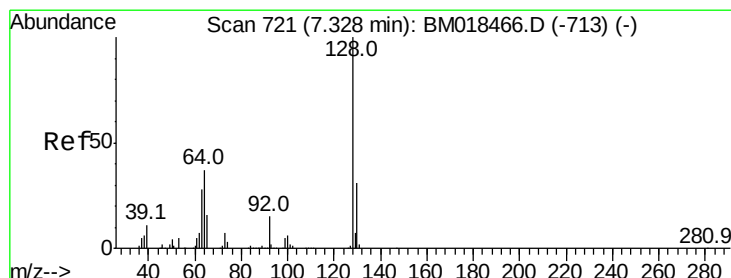
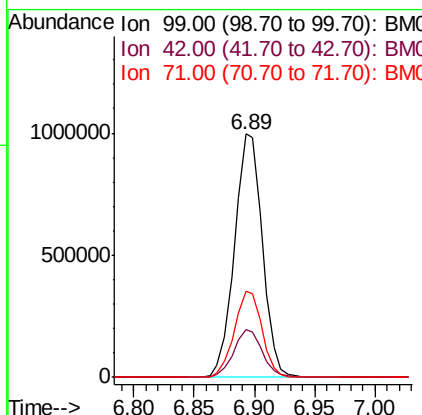
BNA\_M

ClientSampleId :

SSTDCCC040EC

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.021 ng

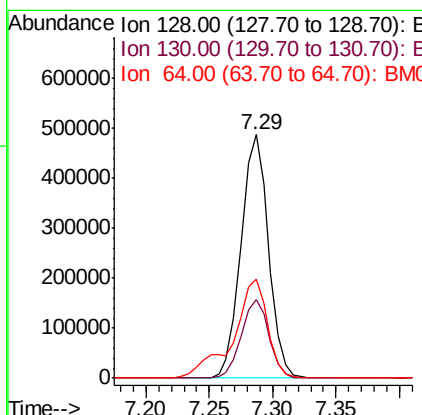
RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

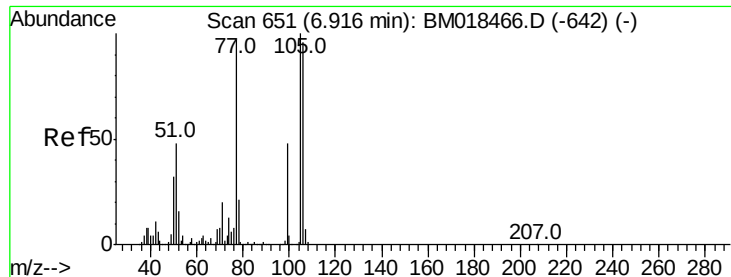
Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 732472 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.4  | 13.6  | 53.6   |
| 64       | 40.9  | 24.8  | 64.8   |







#9

Benzaldehyde

Concen: 32.380 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 391270

Ion Ratio Lower Upper

77 100

105 101.4 79.7 119.7

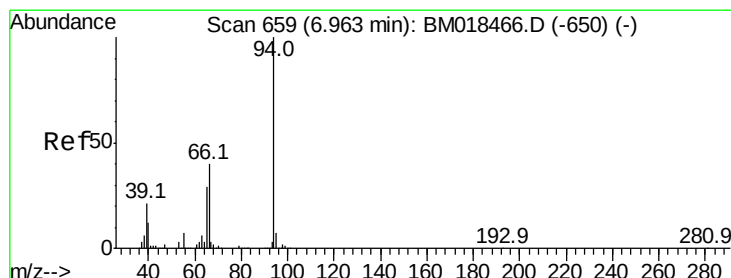
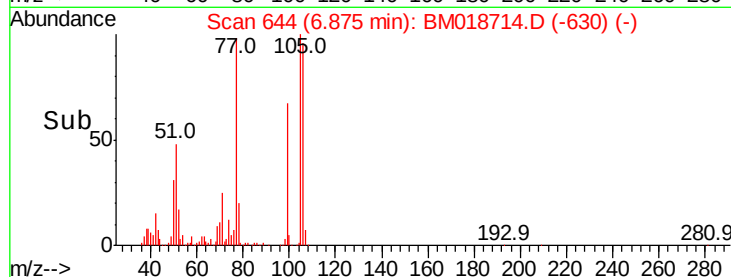
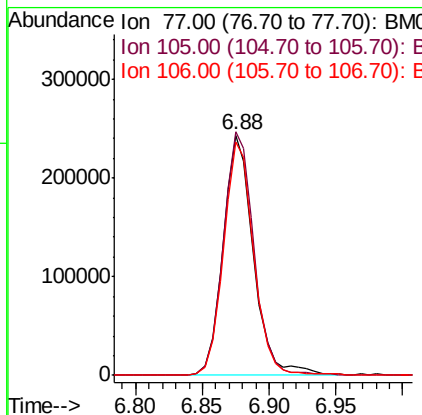
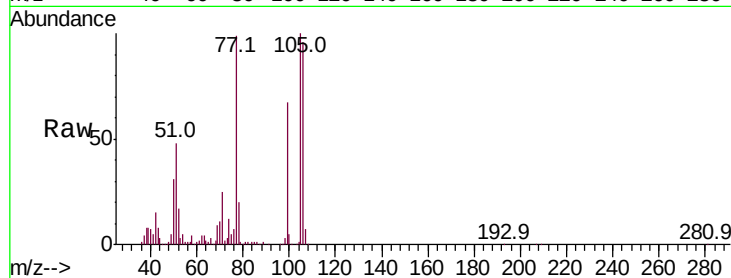
106 97.3 75.2 115.2

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#10

Phenol

Concen: 40.150 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

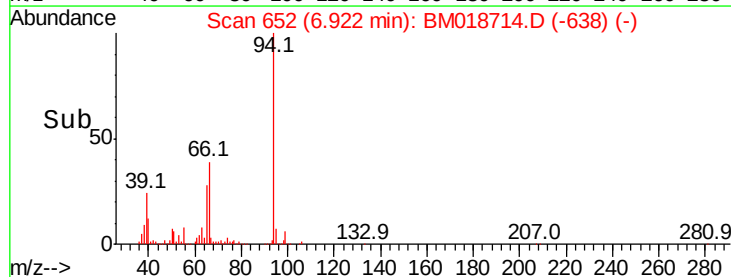
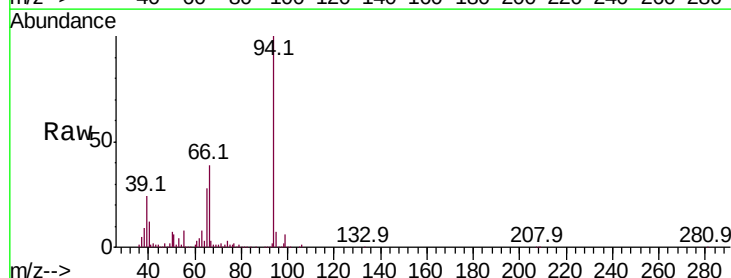
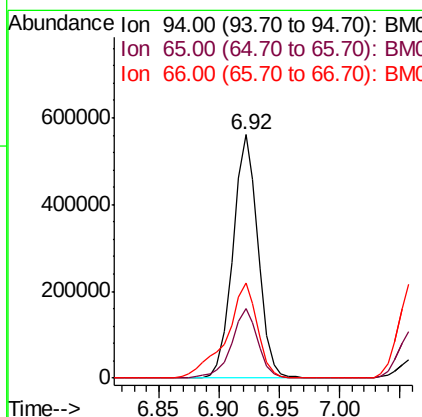
Tgt Ion: 94 Resp: 812058

Ion Ratio Lower Upper

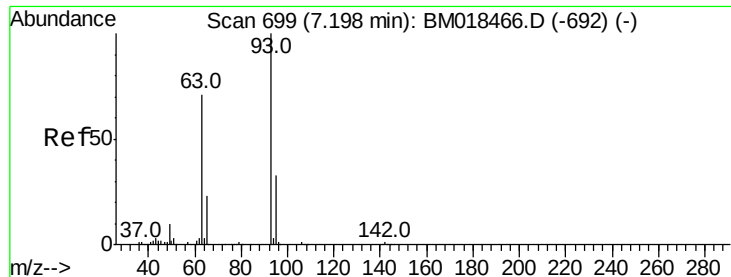
94 100

65 28.5 9.4 49.4

66 39.1 19.1 59.1







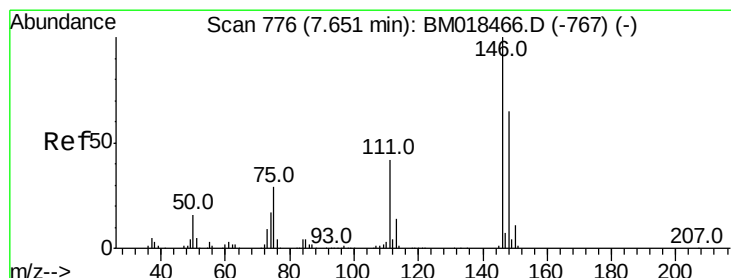
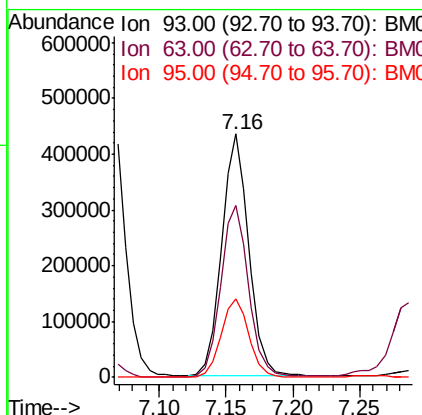
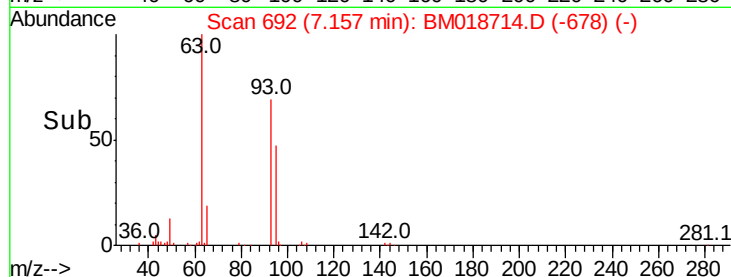
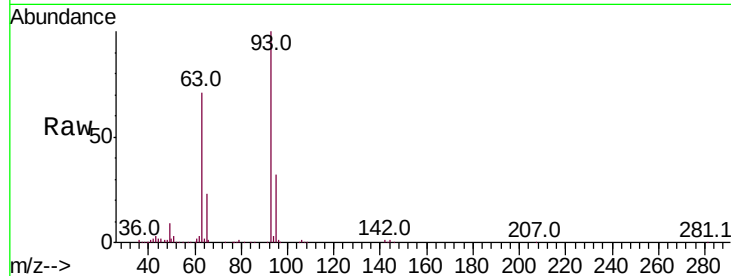
#11  
bis(2-Chloroethyl)ether  
Concen: 38.818 ng  
RT: 7.16 min Scan# 692  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 70.6  | 56.4  | 96.4  |
| 95      | 32.1  | 12.7  | 52.7  |

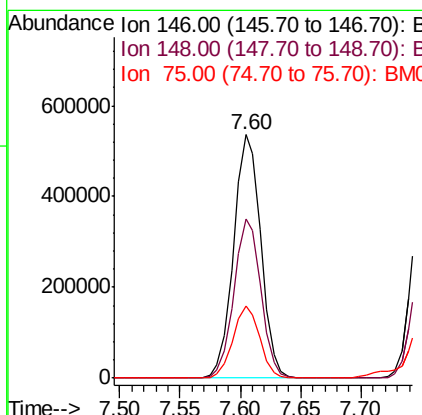
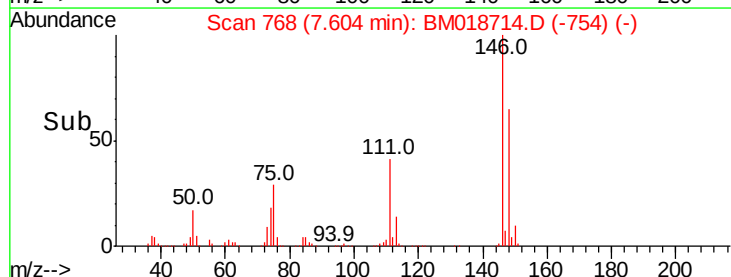
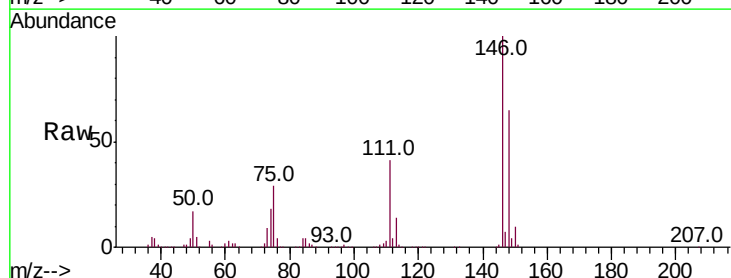
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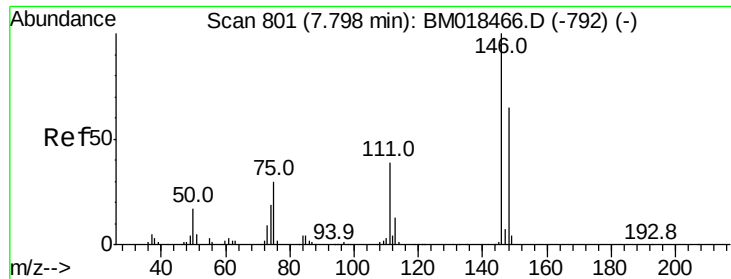
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#12  
1,3-Dichlorobenzene  
Concen: 38.578 ng  
RT: 7.60 min Scan# 768  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 50.5  | 75.7  |
| 75      | 29.4  | 23.0  | 34.6  |





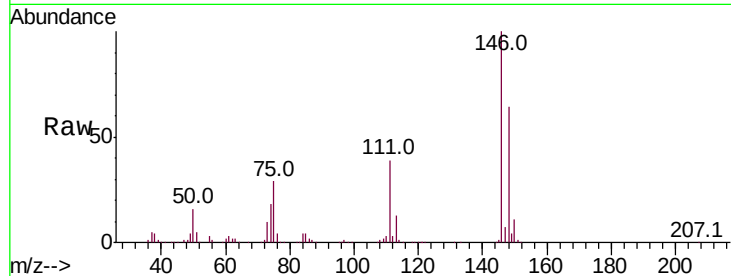
#13  
1,4-Dichlorobenzene  
Concen: 38.966 ng  
RT: 7.76 min Scan# 794  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.8  | 76.2  |
| 111     | 39.2  | 32.2  | 48.2  |

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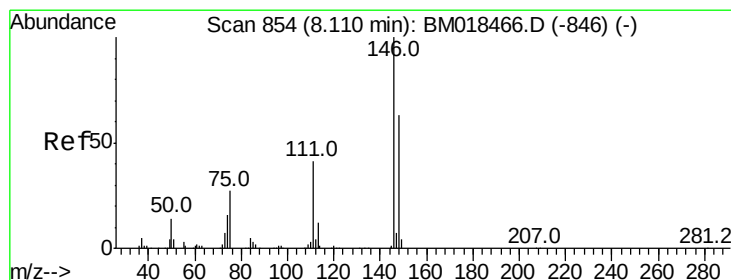
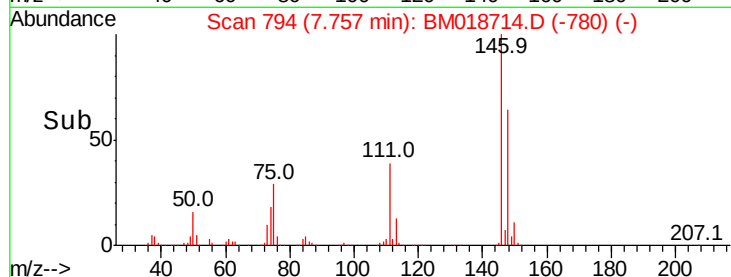
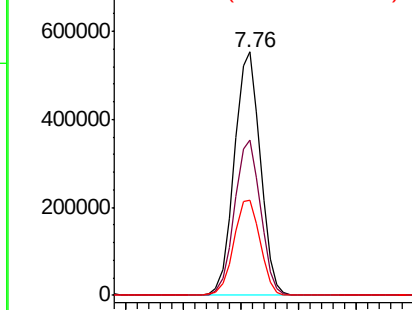


Abundance

Ion 146.00 (145.70 to 146.70): E

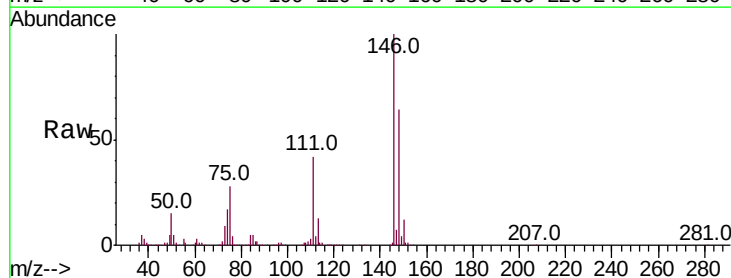
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
1,2-Dichlorobenzene  
Concen: 39.020 ng  
RT: 8.07 min Scan# 847  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.0  | 76.6  |
| 111     | 42.3  | 33.8  | 50.6  |

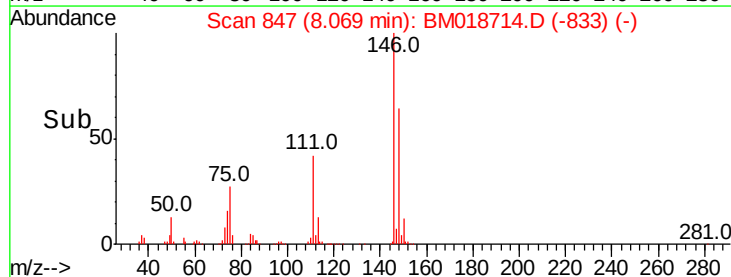
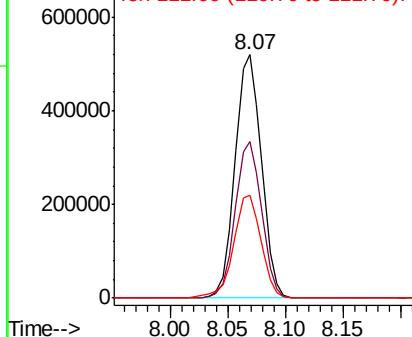


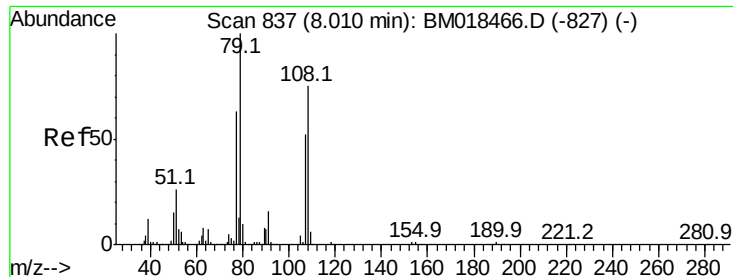
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.917 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

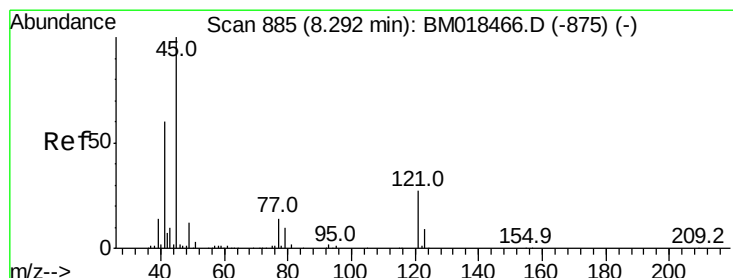
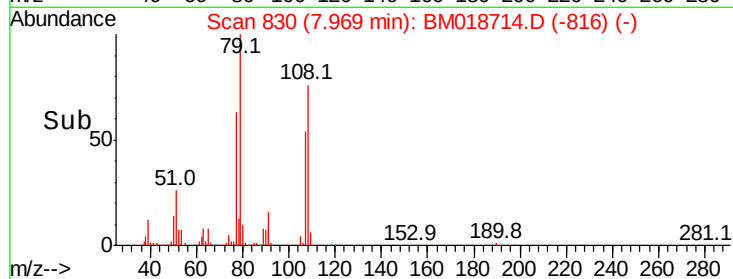
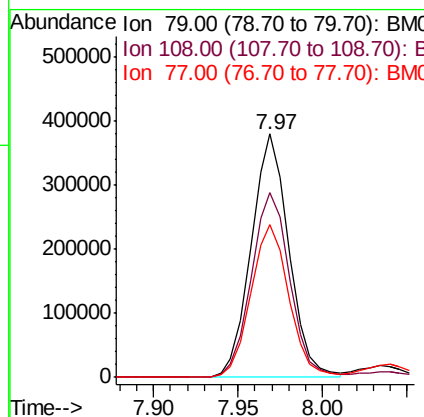
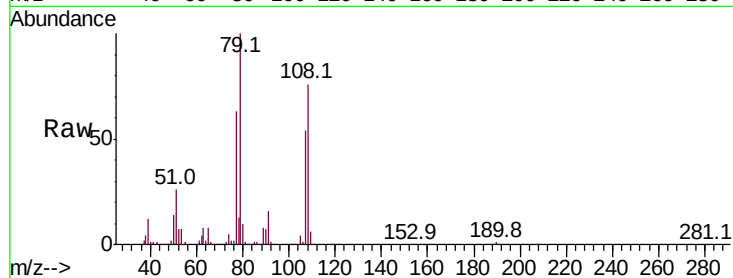
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 588211 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 76.1  | 60.4  | 90.6   |
| 77        | 63.0  | 53.4  | 80.2   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.622 ng

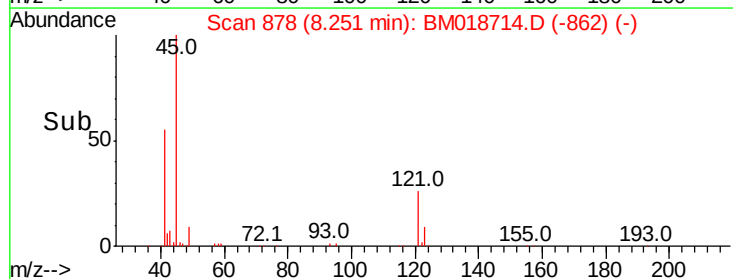
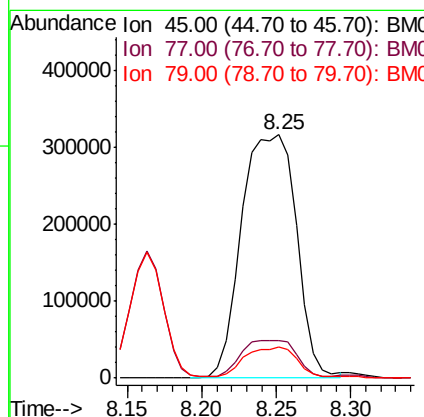
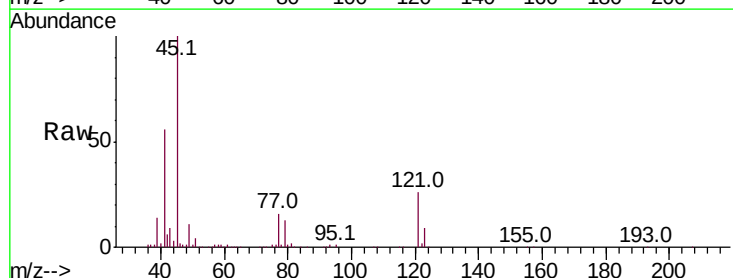
RT: 8.25 min Scan# 878

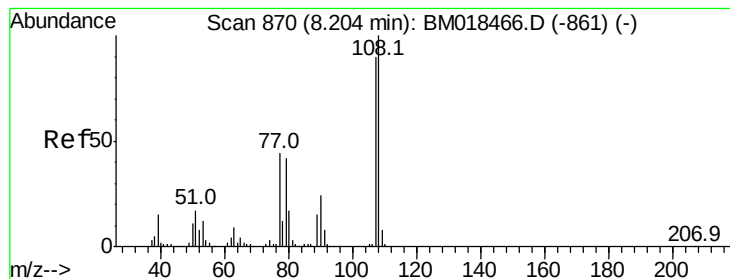
Delta R.T. -0.01 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 804705 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.6  | 0.0   | 33.4   |
| 79        | 12.7  | 0.0   | 31.1   |





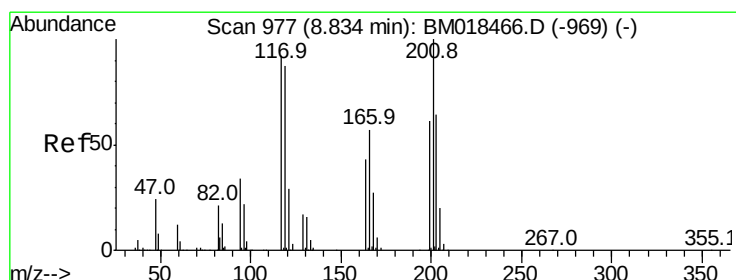
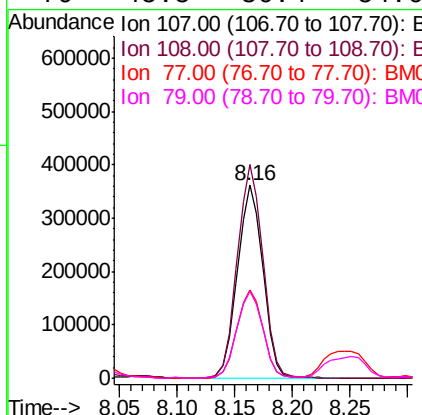
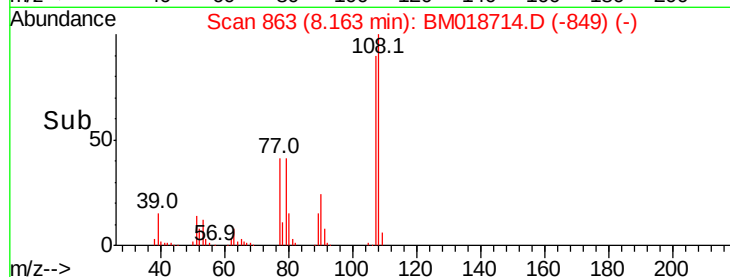
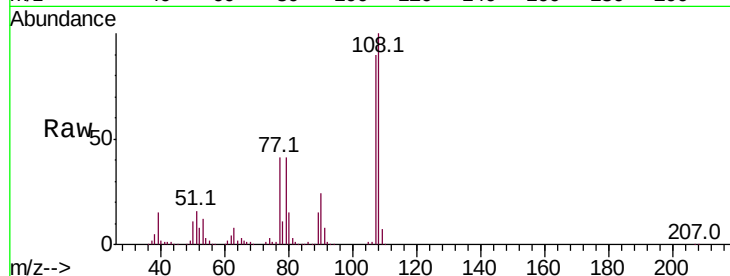
#17  
2-Methylphenol  
Concen: 40.319 ng  
RT: 8.16 min Scan# 863  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.7 | 87.5 | 131.3 |       |
| 77      | 45.6  | 37.3 | 55.9  |       |
| 79      | 45.5  | 36.4 | 54.6  |       |

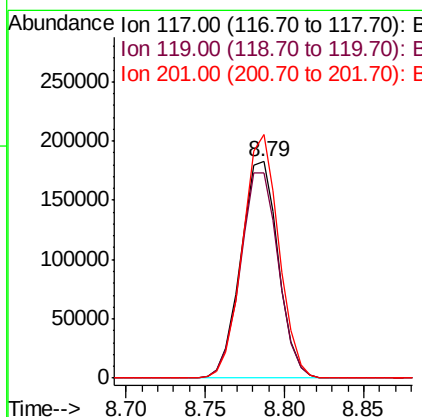
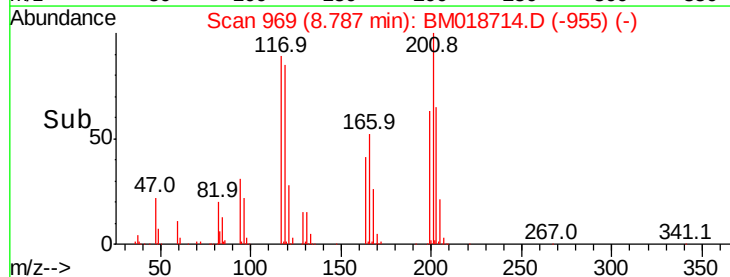
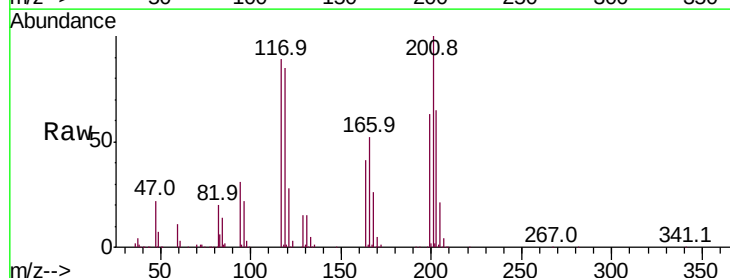
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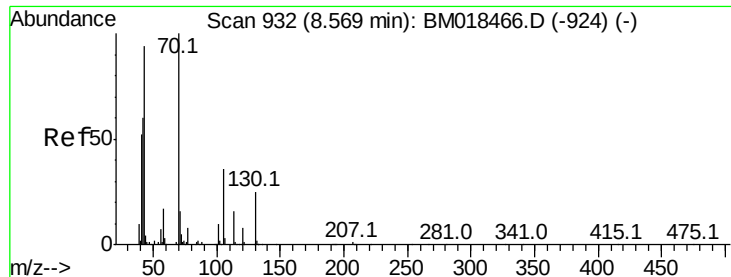
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#18  
Hexachloroethane  
Concen: 38.192 ng  
RT: 8.79 min Scan# 969  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.1  | 78.3 | 117.5 |       |
| 201     | 112.5 | 81.4 | 122.0 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 38.499 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM018714.D

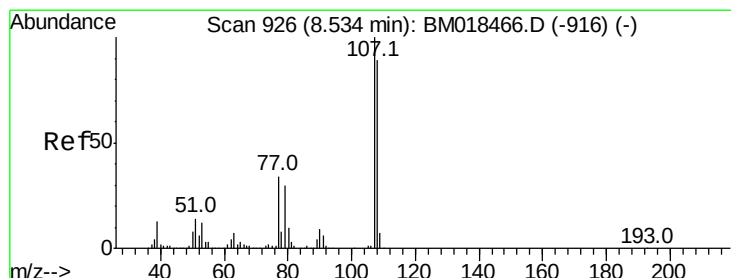
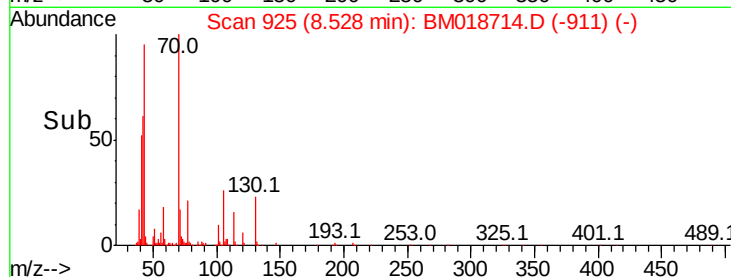
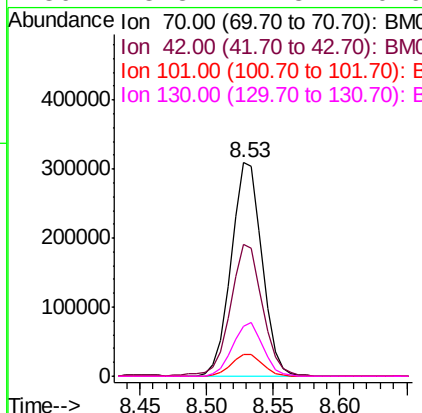
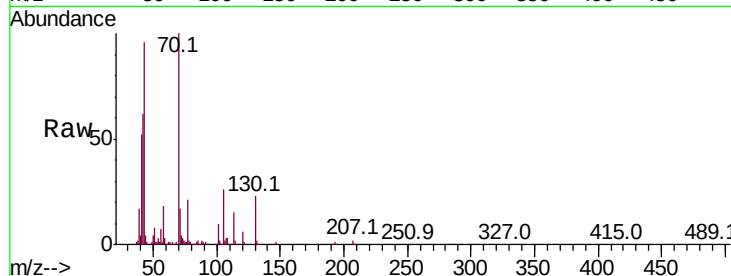
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 61.5  | 54.0  | 81.0  |
| 101     | 10.4  | 8.1   | 12.1  |
| 130     | 23.3  | 17.8  | 26.6  |

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#20

3+4-Methylphenols

Concen: 40.316 ng

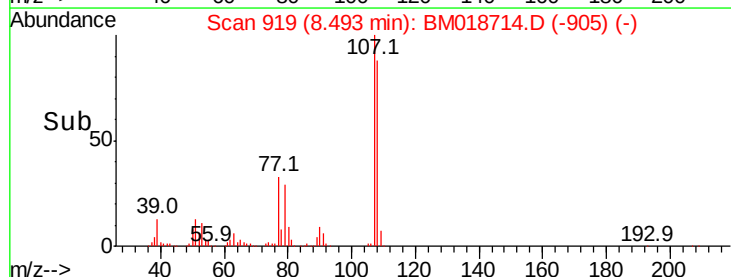
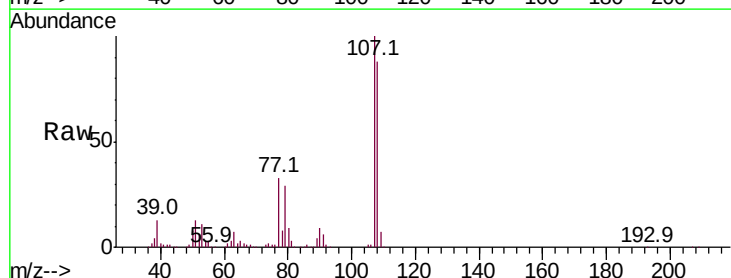
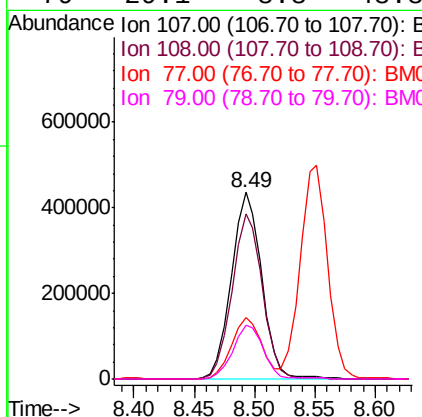
RT: 8.49 min Scan# 919

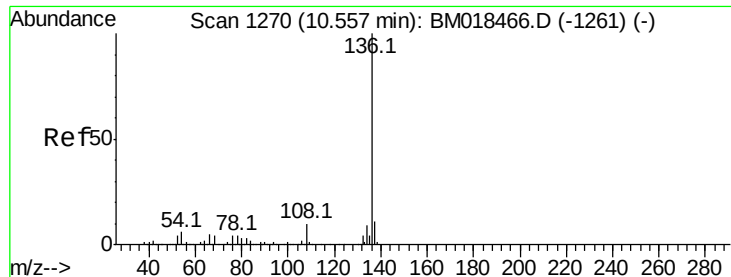
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.3  | 66.8  | 106.8 |
| 77      | 33.2  | 13.3  | 53.3  |
| 79      | 29.1  | 8.8   | 48.8  |





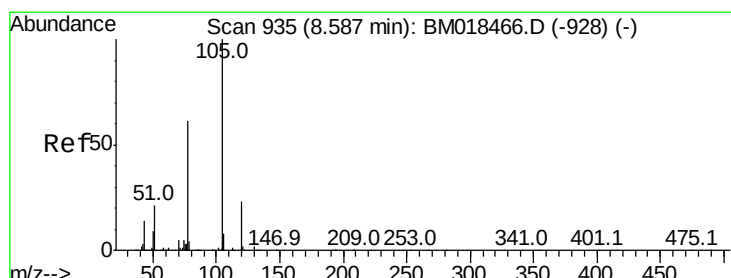
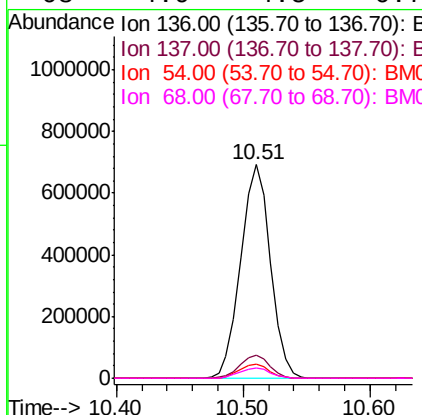
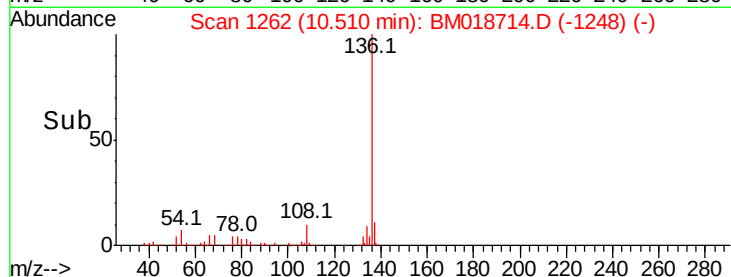
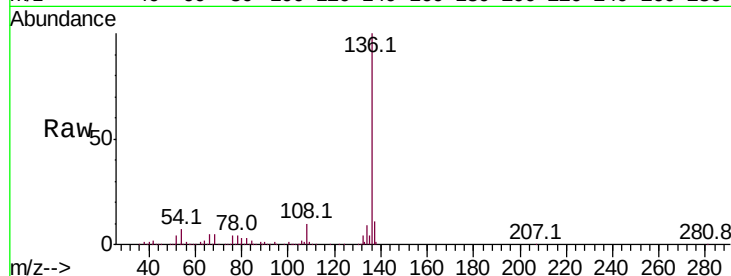
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.51 min Scan# 1262  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.8  | 8.5   | 12.7  |
| 54      | 6.8   | 6.0   | 9.0   |
| 68      | 4.9   | 4.5   | 6.7   |

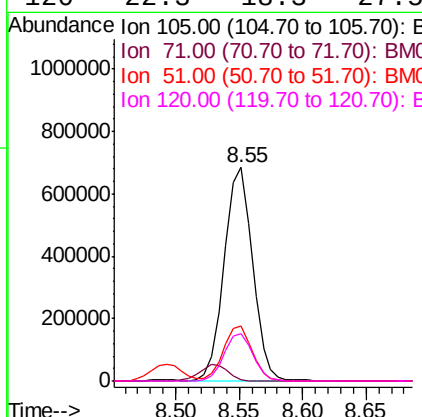
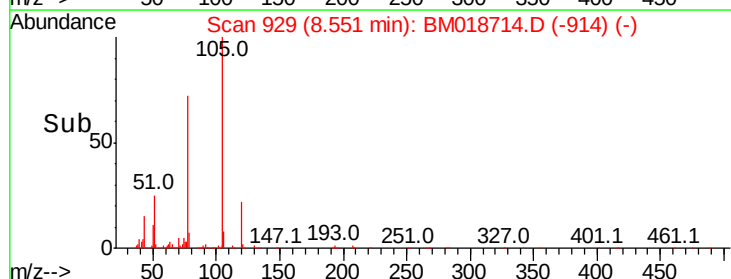
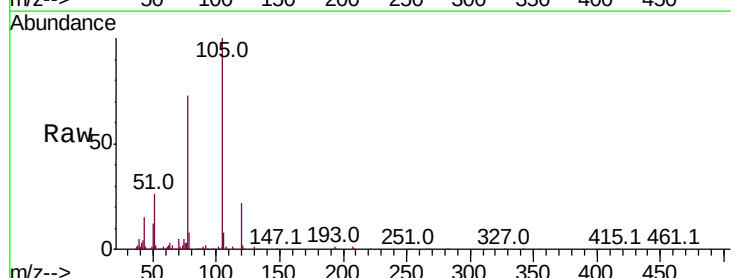
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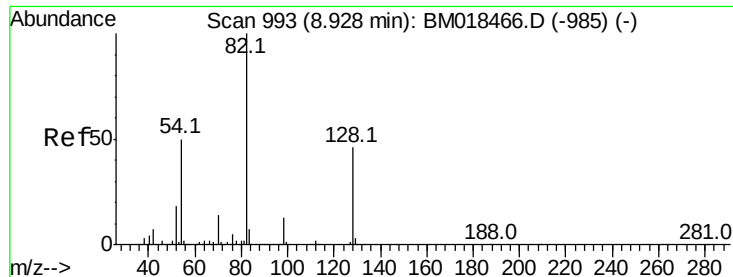
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#22  
Acetophenone  
Concen: 37.947 ng  
RT: 8.55 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 0.9   | 1.7   | 2.5#  |
| 51      | 25.6  | 22.6  | 34.0  |
| 120     | 22.3  | 18.3  | 27.5  |





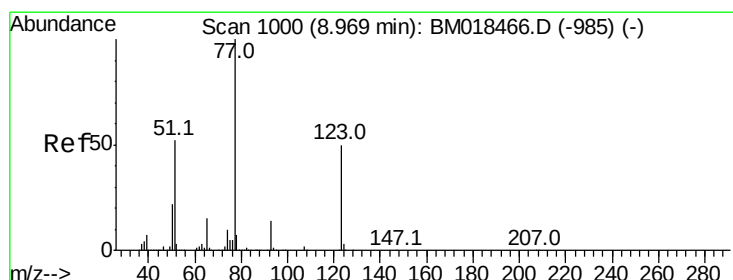
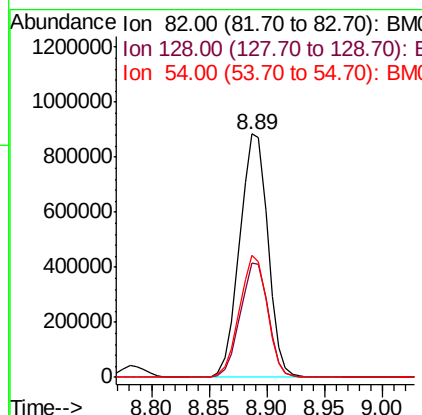
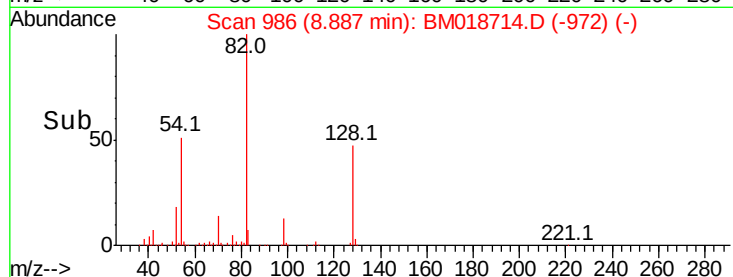
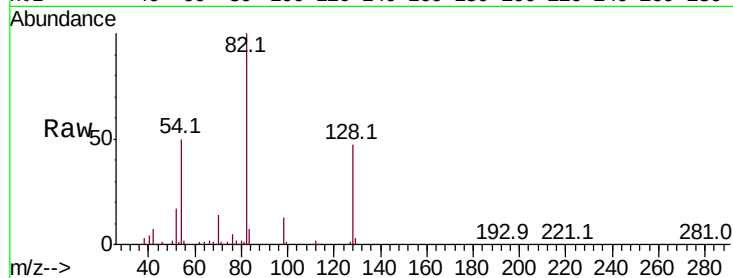
#23  
Nitrobenzene-d5  
Concen: 77.417 ng  
RT: 8.89 min Scan# 986  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.8  | 36.3  | 54.5  |
| 54      | 50.1  | 41.7  | 62.5  |

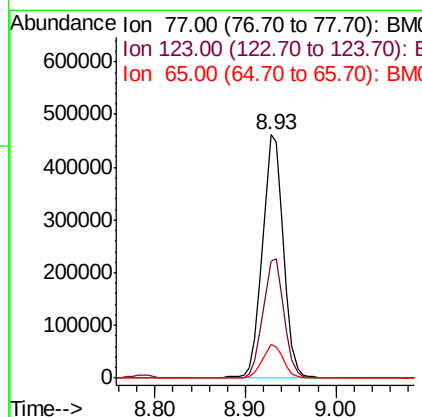
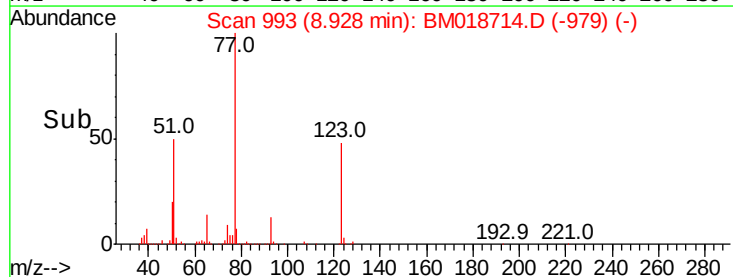
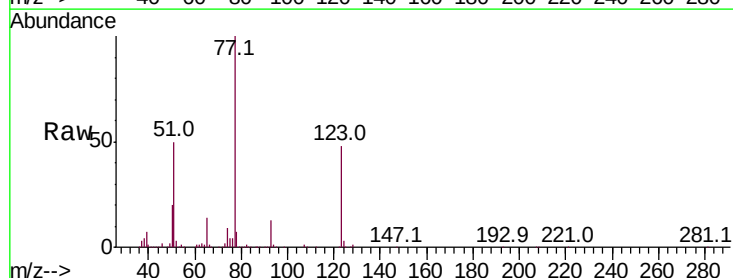
Manual Integrations  
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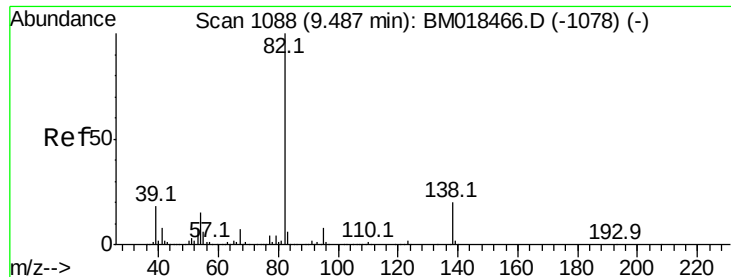


#24  
Nitrobenzene  
Concen: 38.860 ng  
RT: 8.93 min Scan# 993  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.1  | 37.7  | 56.5  |
| 65      | 13.6  | 11.0  | 16.6  |







#25

Isophorone

Concen: 39.327 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1156988

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

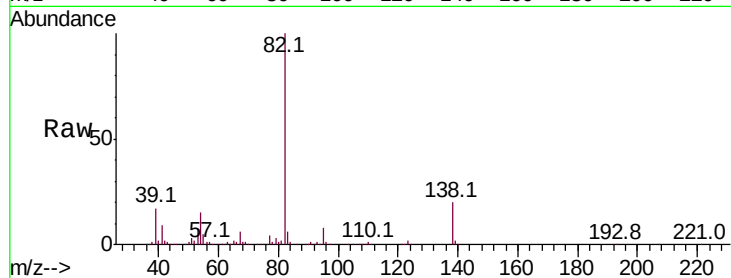
138 20.1 15.1 22.7

Manual Integrations

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apatel

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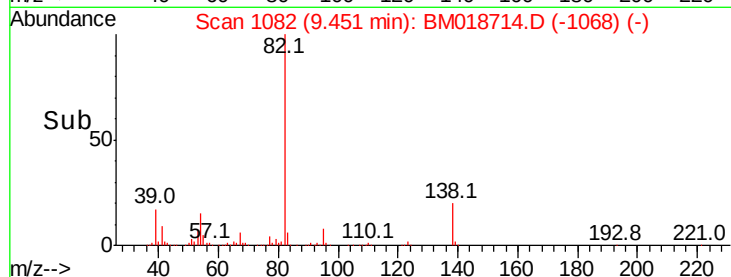


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)

Time-->

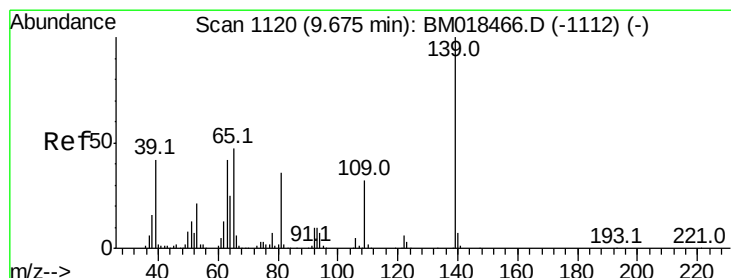


Abundance Ion 82.00 (81.70 to 82.70): BM018714.D (-1068) (-)

Ion 95.00 (94.70 to 95.70): BM018714.D (-1068) (-)

Ion 138.00 (137.70 to 138.70): BM018714.D (-1068) (-)

Time-->



#26

2-Nitrophenol

Concen: 44.680 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

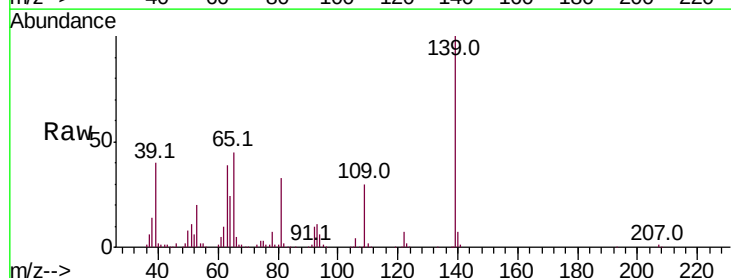
Tgt Ion: 139 Resp: 412986

Ion Ratio Lower Upper

139 100

109 30.0 23.4 35.2

65 45.1 39.4 59.2

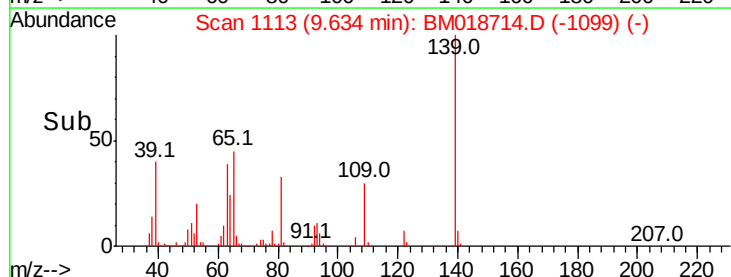


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

Time-->

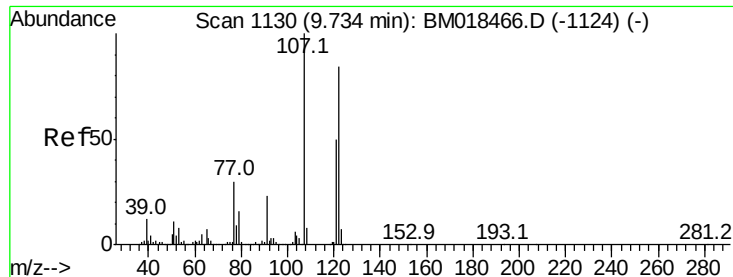


Abundance Ion 139.00 (138.70 to 139.70): BM018714.D (-1099) (-)

Ion 109.00 (108.70 to 109.70): BM018714.D (-1099) (-)

Ion 65.00 (64.70 to 65.70): BM018714.D (-1099) (-)

Time-->



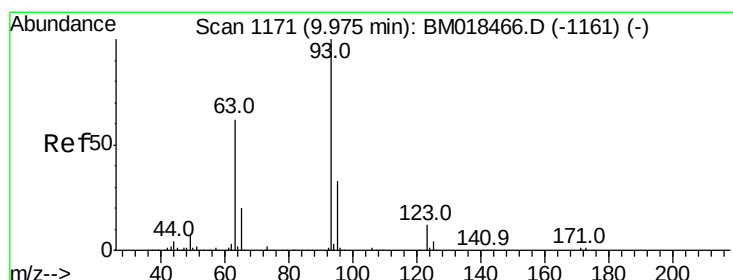
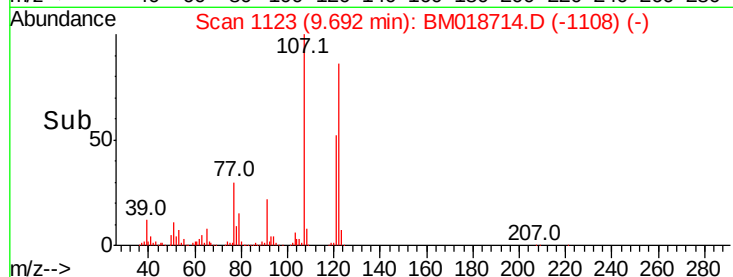
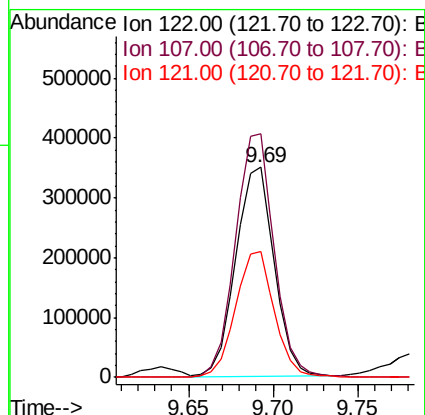
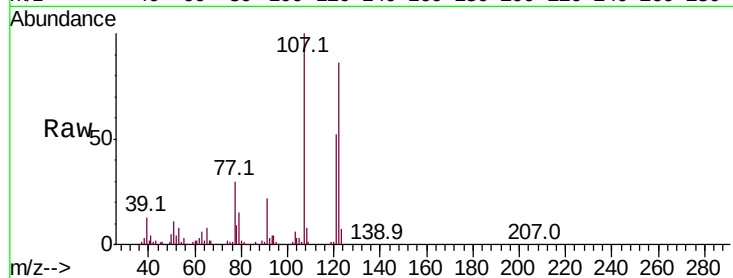
#27  
2,4-Dimethylphenol  
Concen: 39.933 ng  
RT: 9.69 min Scan# 1123  
Delta R.T. -0.01 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.8 | 91.9  | 137.9 |
| 121     | 59.7  | 47.5  | 71.3  |

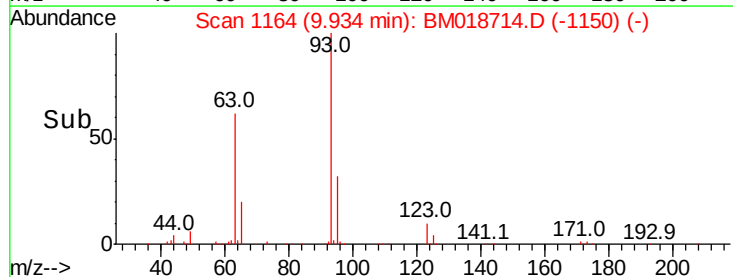
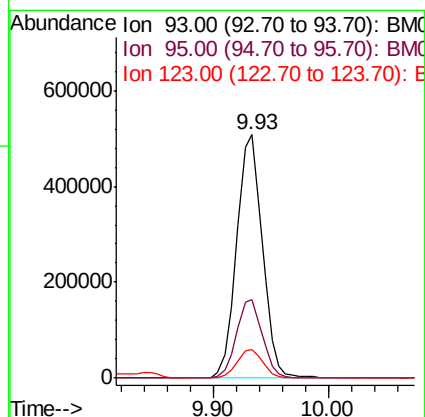
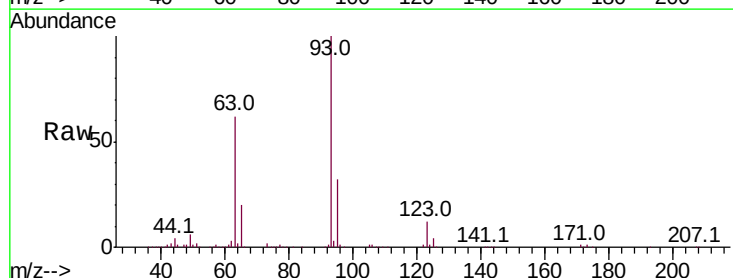
Manual Integrations  
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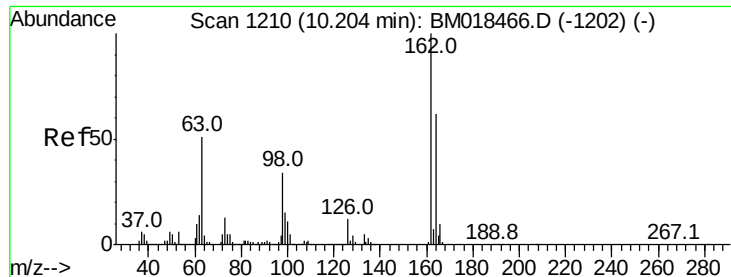
apatel  
2/4/2019 12:44:40 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.679 ng  
RT: 9.93 min Scan# 1164  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 26.6  | 39.8  |
| 123     | 11.8  | 9.9   | 14.9  |





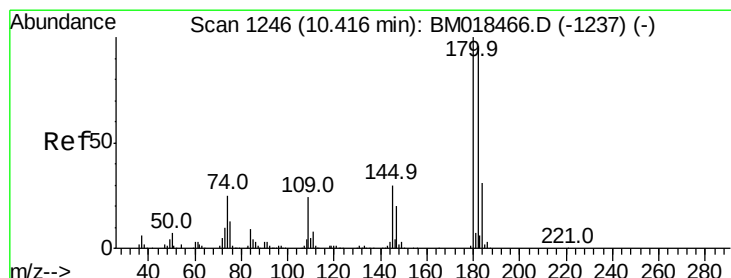
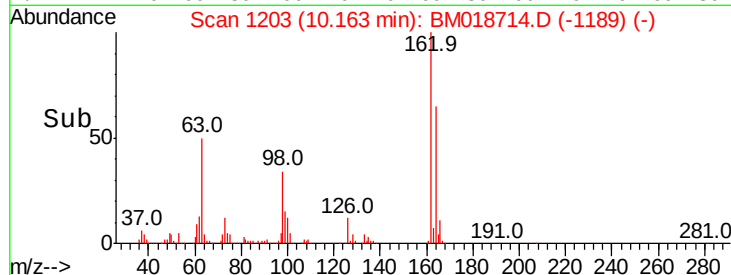
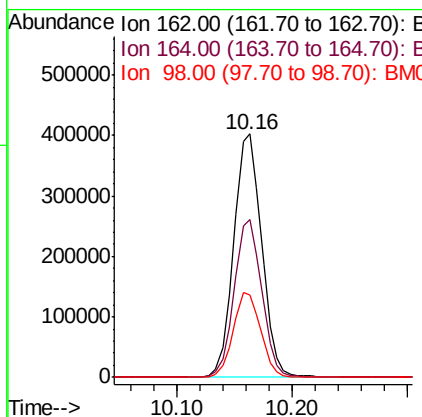
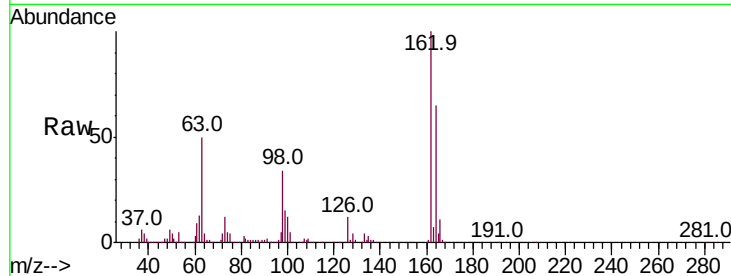
#29  
 2,4-Dichlorophenol  
 Concen: 40.915 ng  
 RT: 10.16 min Scan# 1203  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 674997 |       |       |
| 164     | 65.0  |        | 45.6  | 85.6  |
| 98      | 33.8  |        | 14.7  | 54.7  |

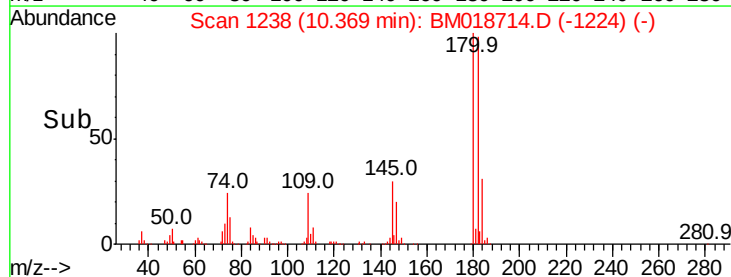
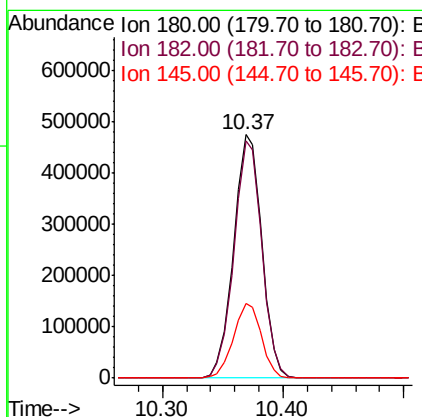
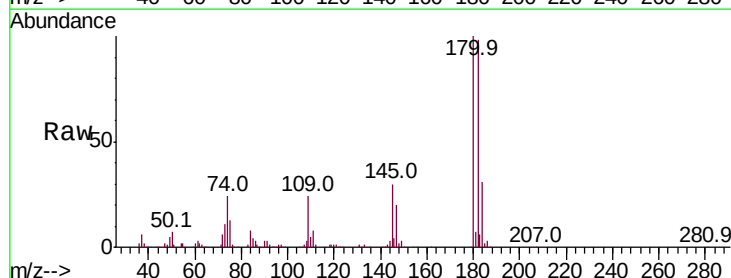
Manual Integrations  
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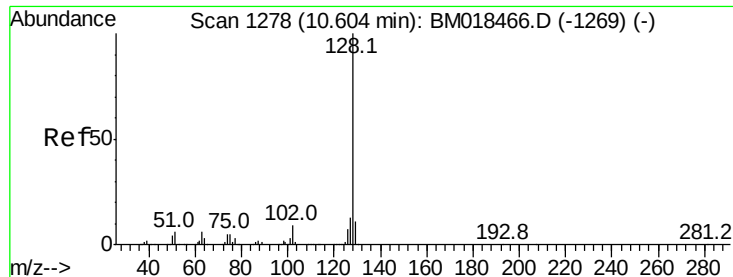
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.656 ng  
 RT: 10.37 min Scan# 1238  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 771091 |       |       |
| 182     | 97.6  |        | 77.4  | 116.2 |
| 145     | 30.5  |        | 24.6  | 37.0  |





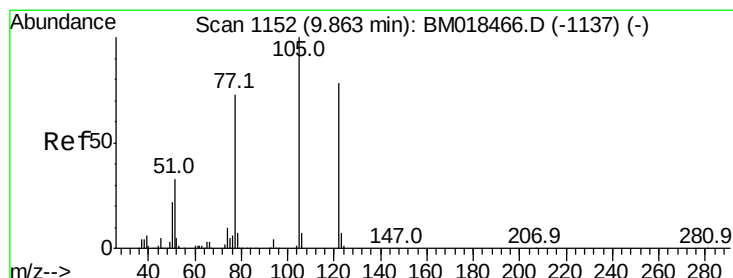
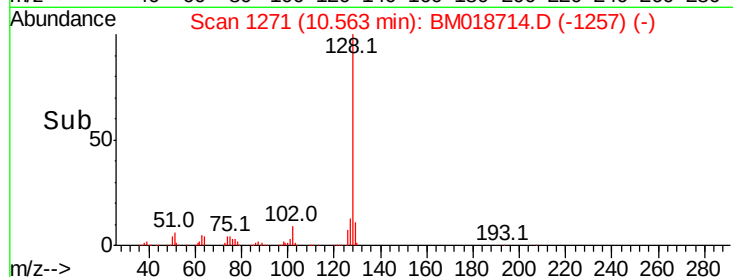
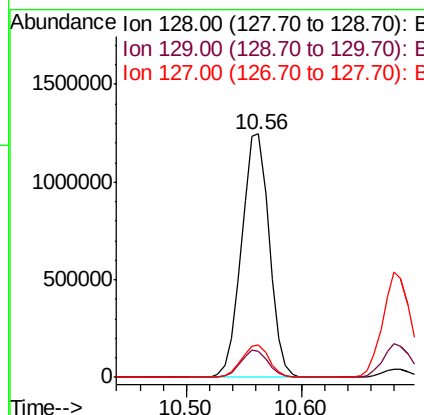
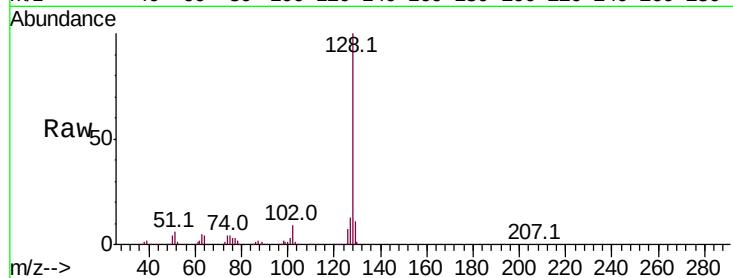
#31  
Naphthalene  
Concen: 38.246 ng  
RT: 10.56 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.7   | 13.1  |
| 127     | 13.4  | 10.8  | 16.2  |

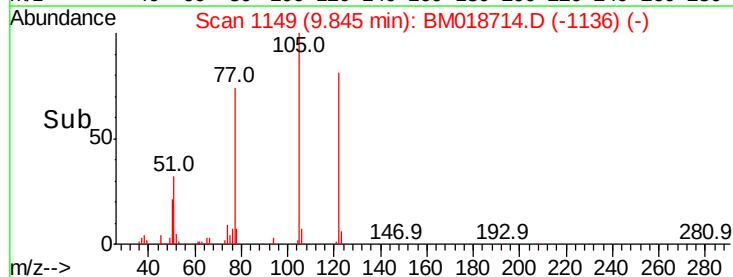
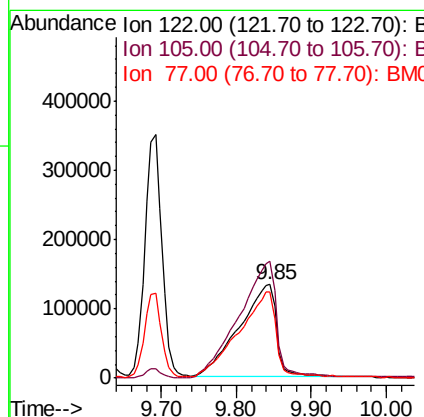
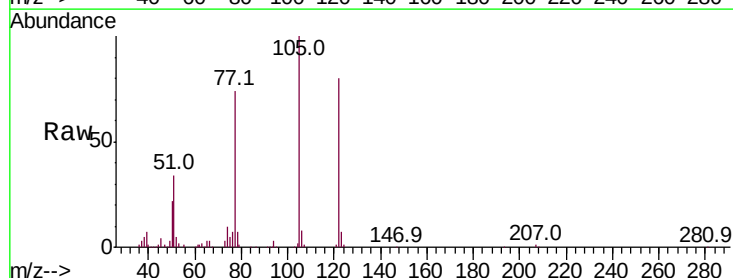
Manual Integrations  
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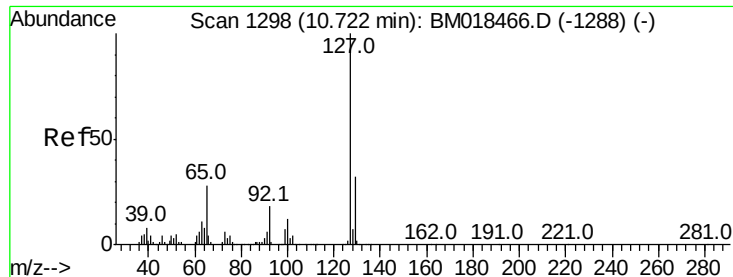
apatel  
2/4/2019 12:44:40 PM



#32  
Benzoic acid  
Concen: 48.990 ng m  
RT: 9.85 min Scan# 1149  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 124.3 | 100.4 | 140.4 |
| 77      | 92.5  | 71.7  | 111.7 |





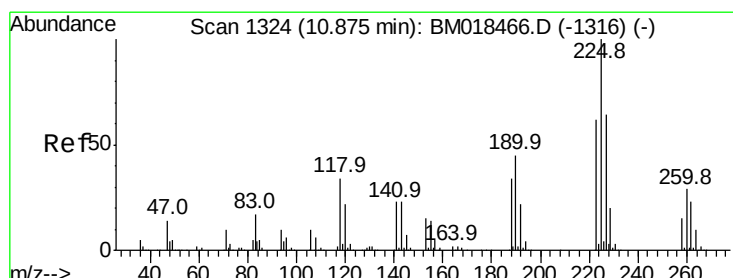
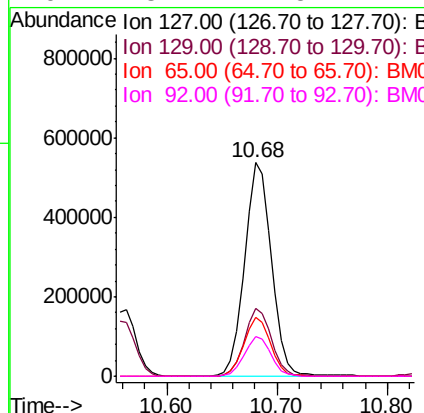
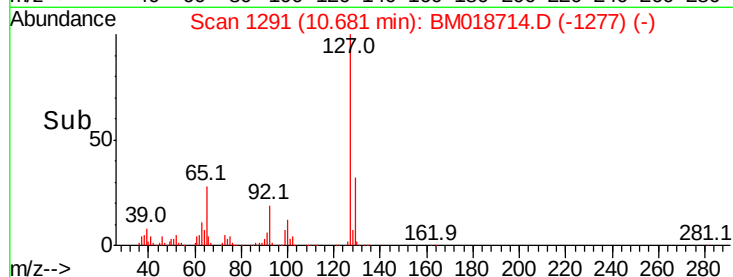
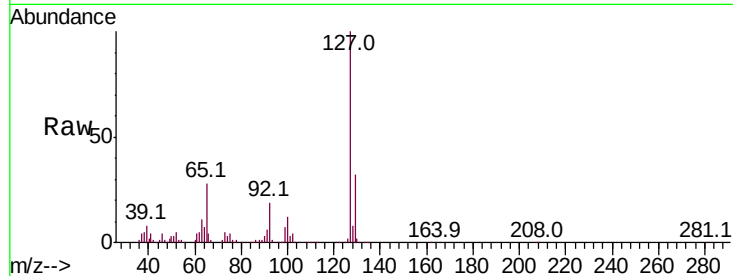
#33  
4-Chloroaniline  
Concen: 43.127 ng  
RT: 10.68 min Scan# 1291  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.6 | 25.9  | 38.9 |       |       |
| 65      | 27.6 | 23.4  | 35.2 |       |       |
| 92      | 18.7 | 14.5  | 21.7 |       |       |

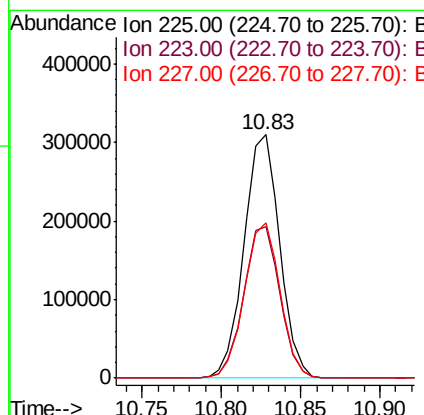
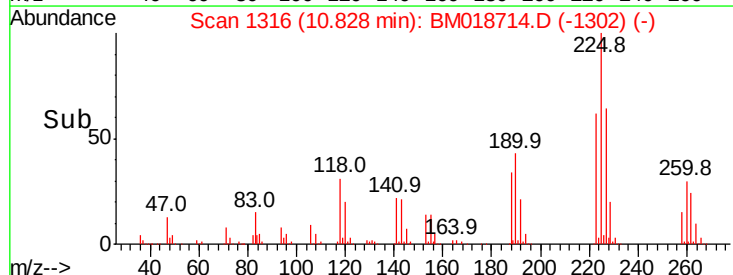
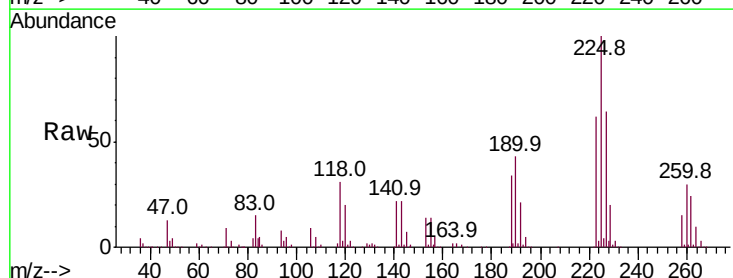
Manual Integrations  
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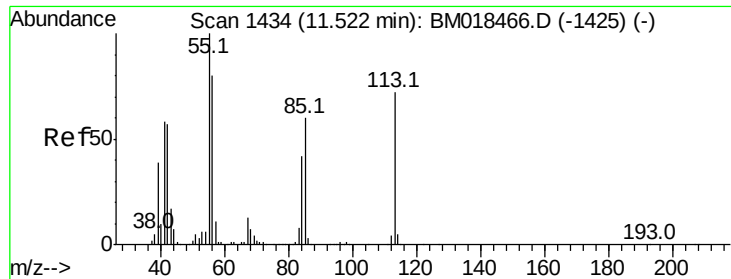
apatel  
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#34  
Hexachlorobutadiene  
Concen: 37.468 ng  
RT: 10.83 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.0 | 50.8  | 76.2 |       |       |
| 227     | 63.7 | 50.4  | 75.6 |       |       |





#35

Caprolactam

Concen: 40.352 ng

RT: 11.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

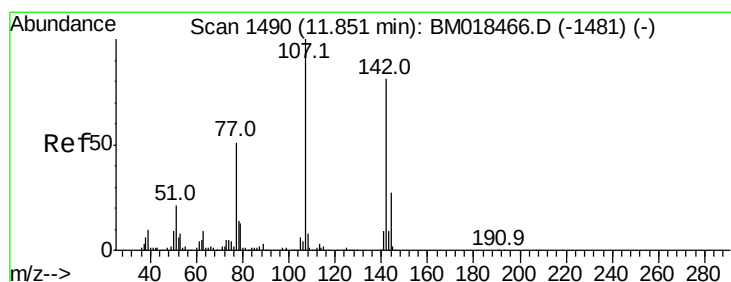
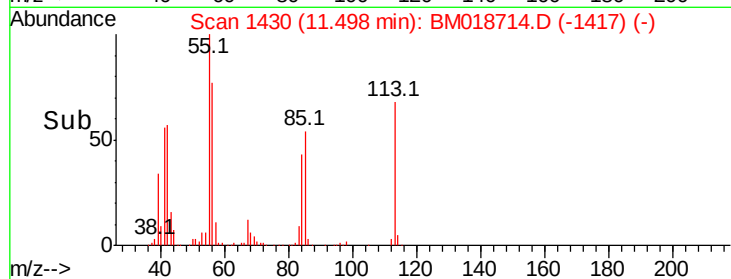
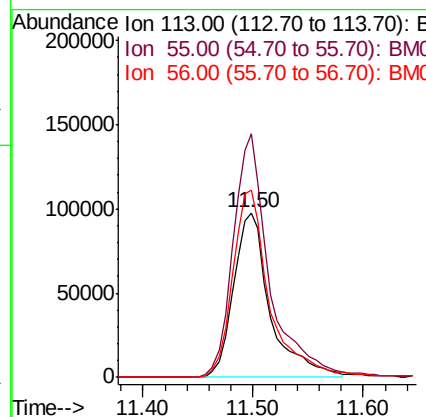
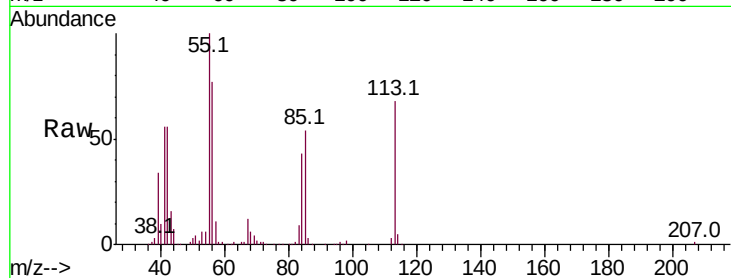
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 226332 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 148.0 | 139.3 | 179.3  |
| 56        | 114.1 | 101.4 | 141.4  |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 39.985 ng

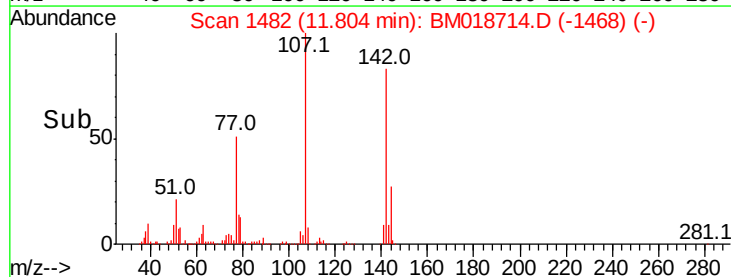
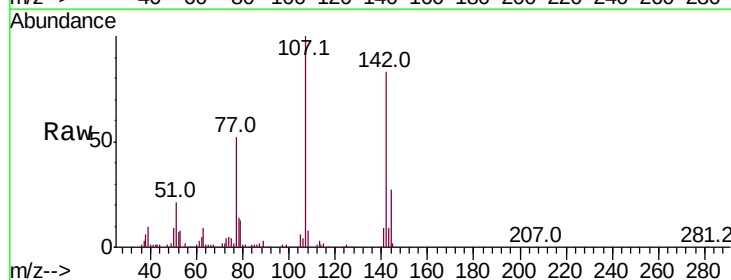
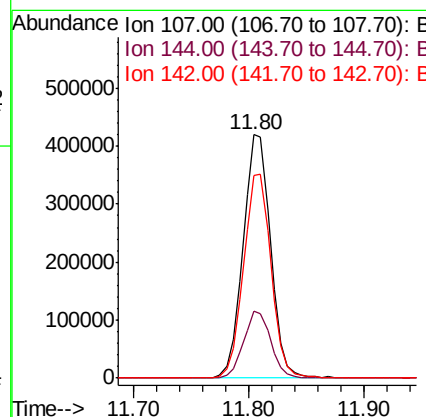
RT: 11.80 min Scan# 1482

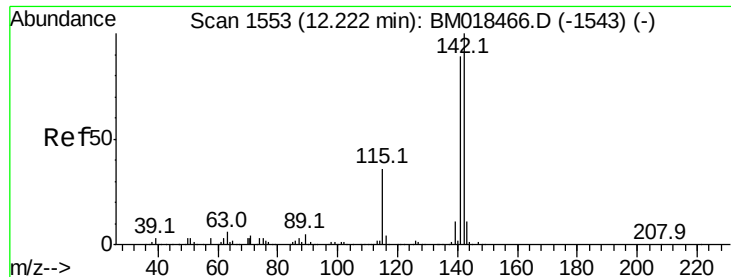
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 692059 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 27.5  | 21.9  | 32.9   |
| 142       | 83.5  | 67.9  | 101.9  |





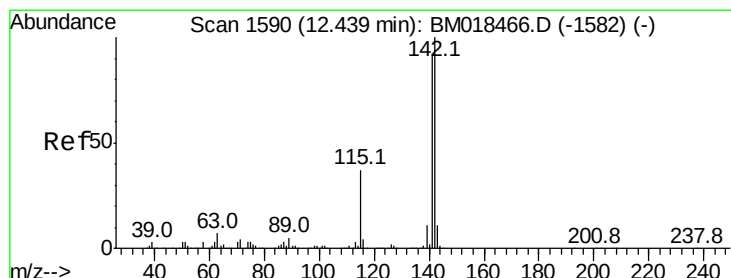
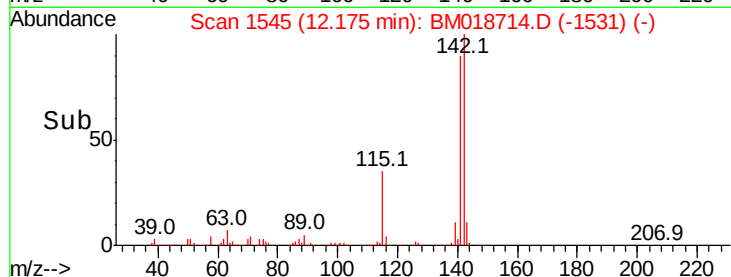
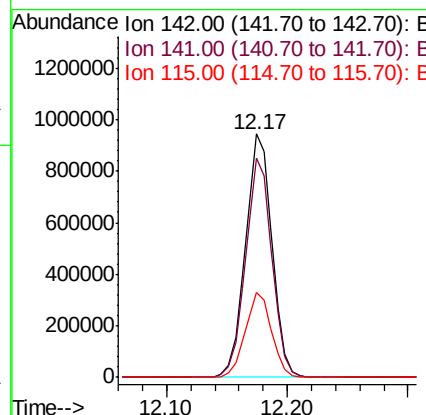
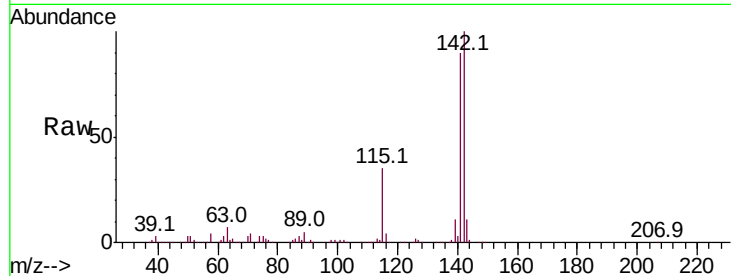
#37  
 2-Methylnaphthalene  
 Concen: 37.769 ng  
 RT: 12.17 min Scan# 1545  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.3  | 71.4  | 107.2 |
| 115     | 34.9  | 28.0  | 42.0  |

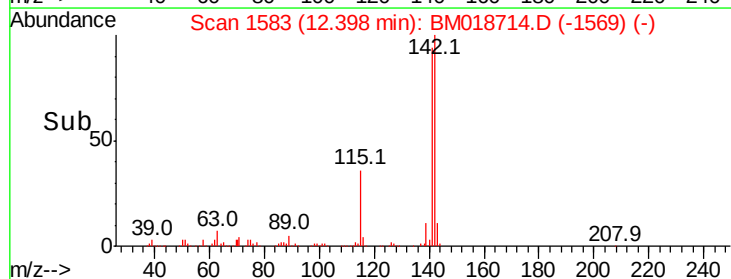
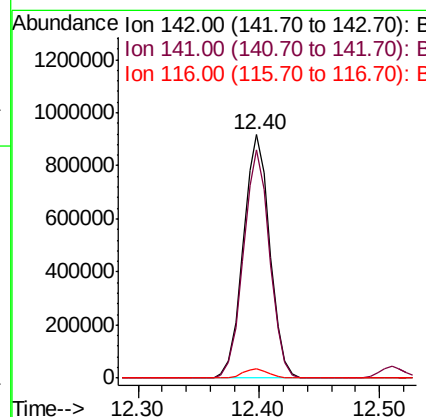
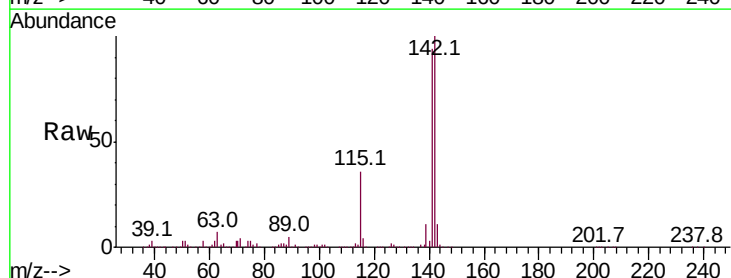
Manual Integrations  
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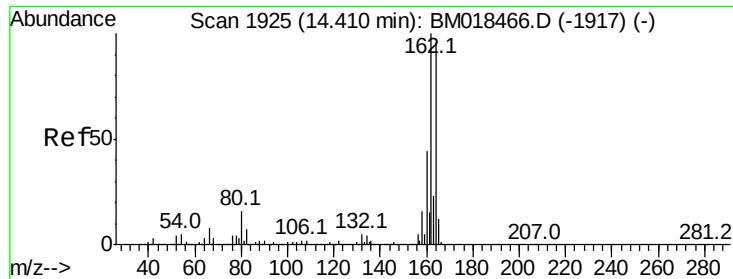
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 2/4/2019 12:44:40 PM



#38  
 1-Methylnaphthalene  
 Concen: 37.937 ng  
 RT: 12.40 min Scan# 1583  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.8  | 75.6  | 113.4 |
| 116     | 3.7   | 3.0   | 4.6   |





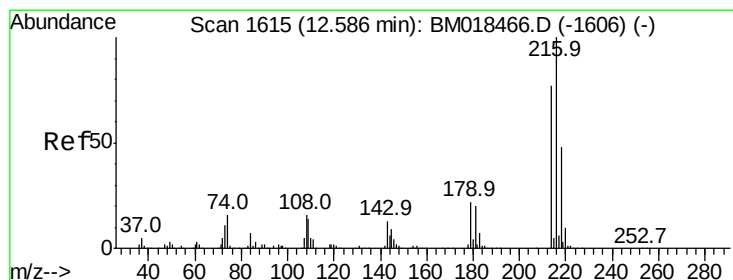
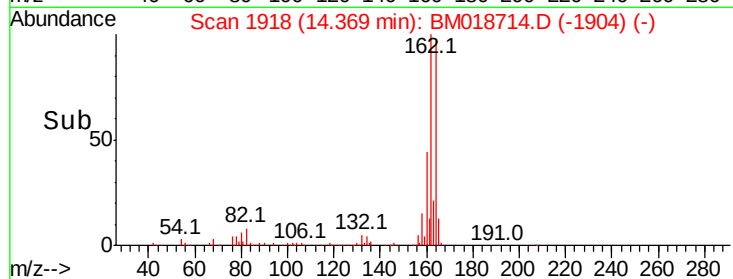
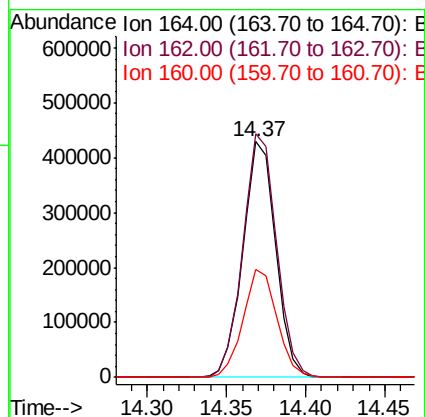
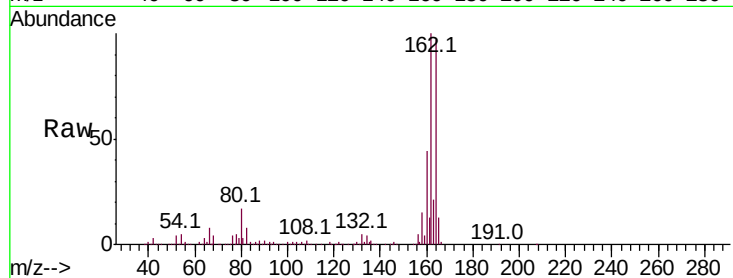
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.37 min Scan# 1918  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 83.0  | 124.4 |
| 160     | 45.8  | 37.1  | 55.7  |

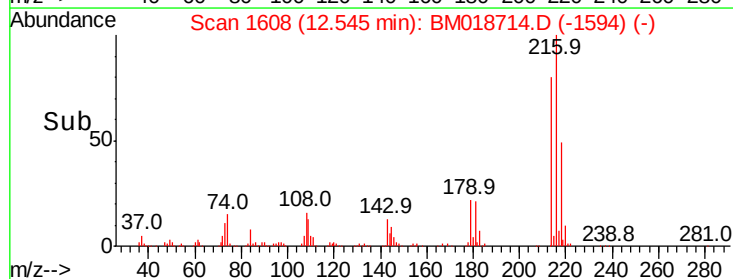
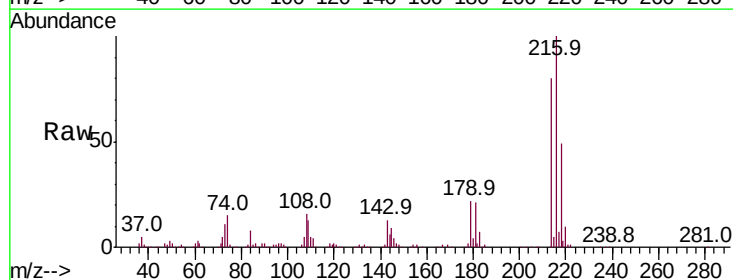
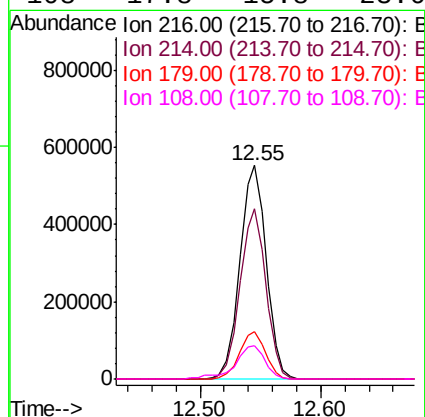
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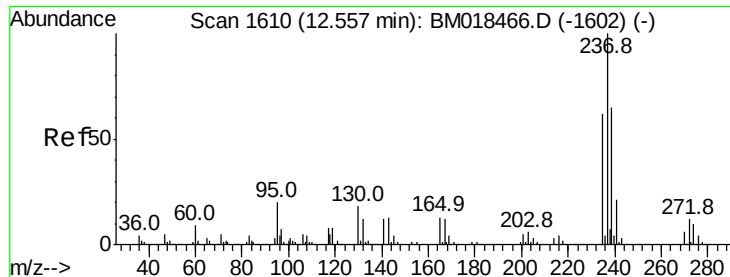


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.881 ng  
RT: 12.55 min Scan# 1608  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.4  | 63.4  | 95.0  |
| 179     | 21.9  | 17.9  | 26.9  |
| 108     | 17.8  | 15.8  | 23.6  |







#41

Hexachlorocyclopentadiene

Concen: 44.320 ng

RT: 12.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

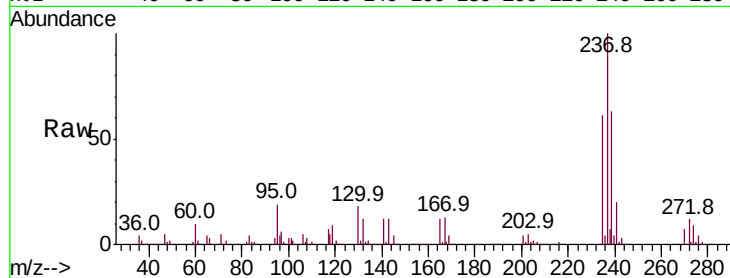
ClientSampleId :

SSTDCCC040EC

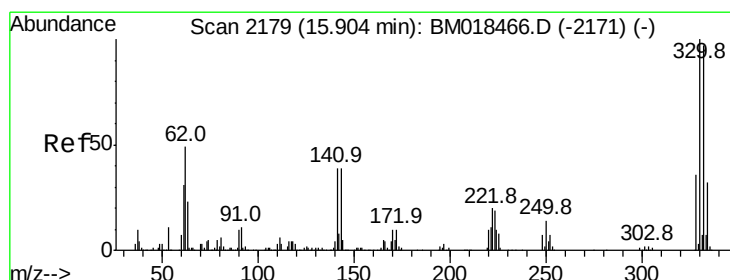
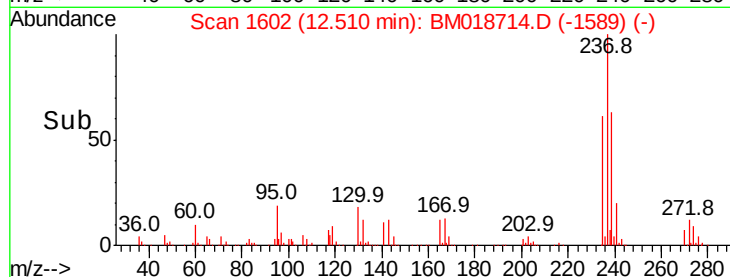
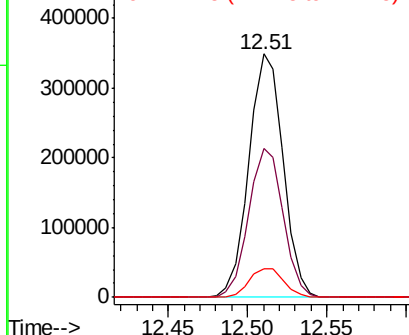
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 525518 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 60.9  | 42.8  | 82.8   |
| 272       | 11.9  | 0.0   | 31.9   |

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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: 83.654 ng

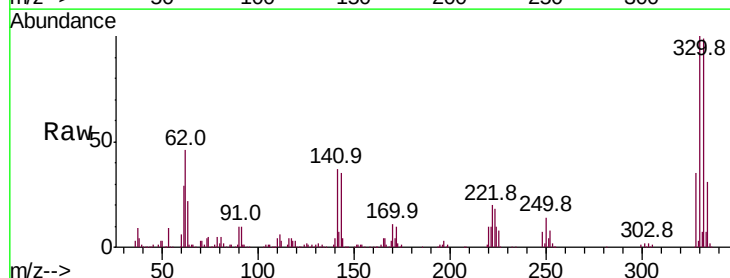
RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

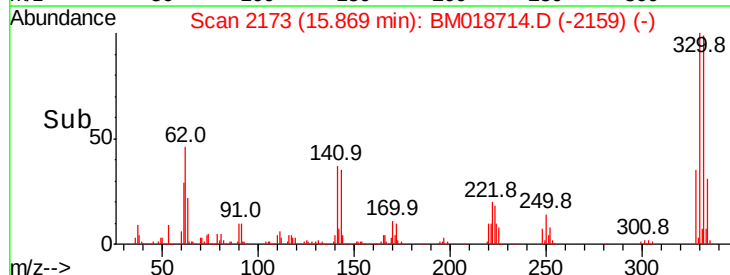
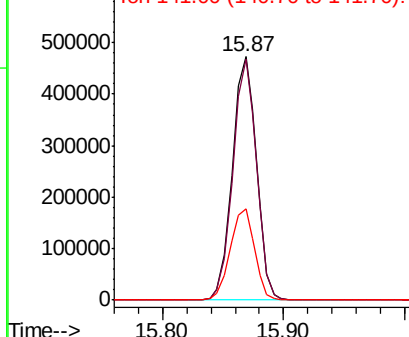
Lab File: BM018714.D

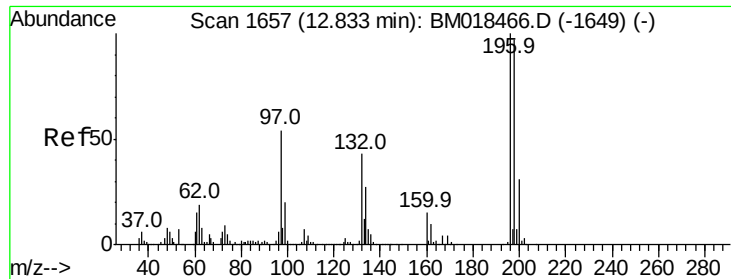
Acq: 01 Feb 2019 20:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 658064 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.9  | 77.6  | 116.4  |
| 141       | 37.9  | 31.7  | 47.5   |



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





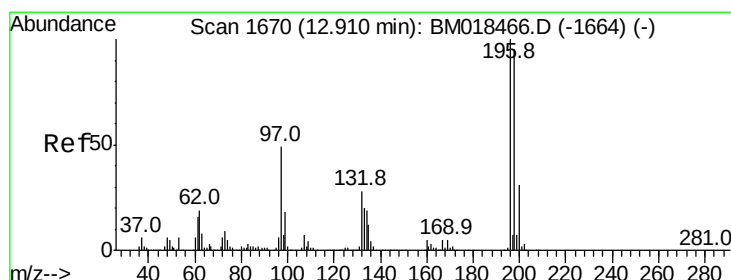
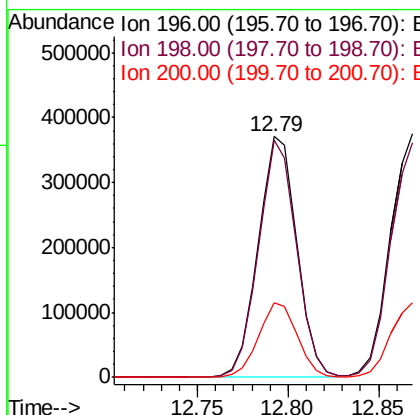
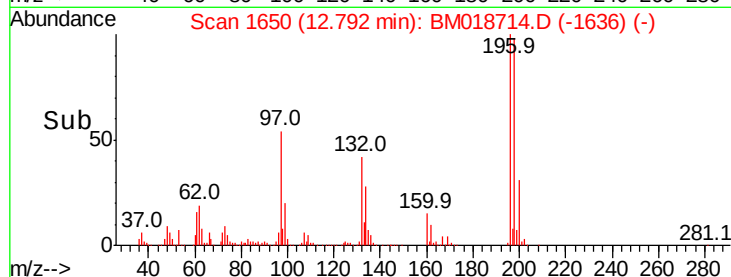
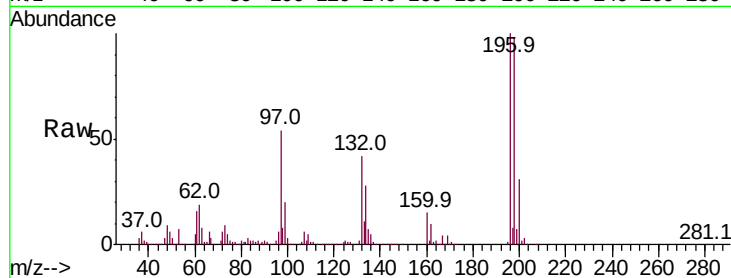
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.966 ng  
 RT: 12.79 min Scan# 1650  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 550577 |       |       |
| 198     | 98.4  | 76.6   | 115.0 |       |
| 200     | 31.1  | 24.2   | 36.4  |       |

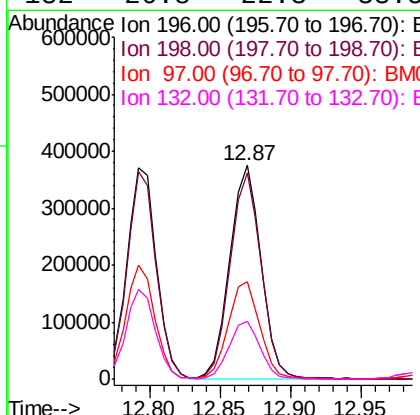
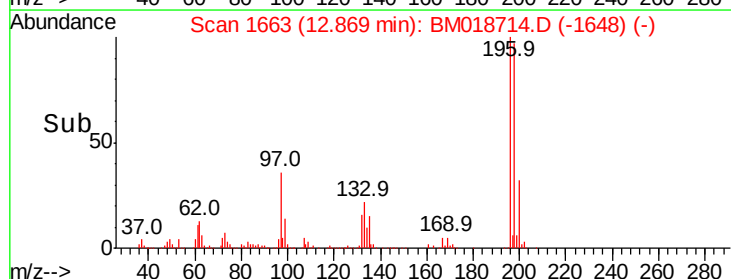
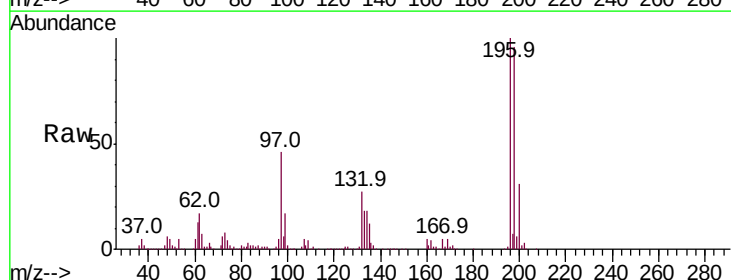
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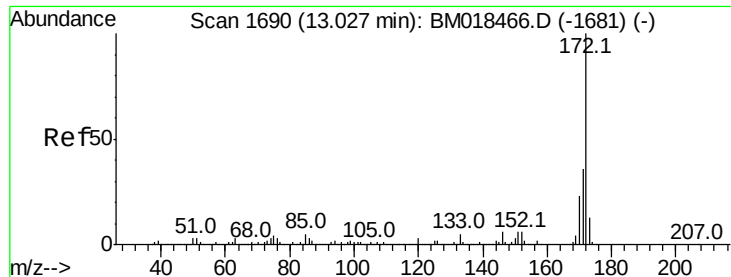
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.626 ng  
 RT: 12.87 min Scan# 1663  
 Delta R.T. -0.01 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 574355 |       |       |
| 198     | 96.2  | 76.7   | 115.1 |       |
| 97      | 45.8  | 39.2   | 58.8  |       |
| 132     | 26.8  | 22.3   | 33.5  |       |





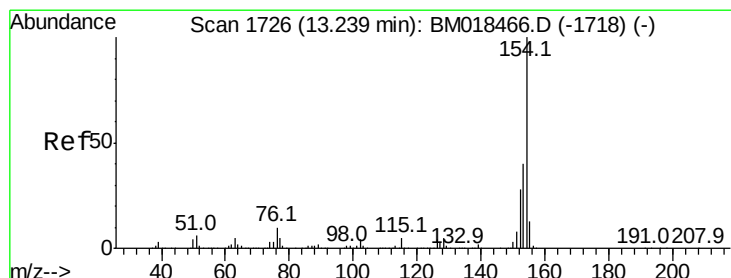
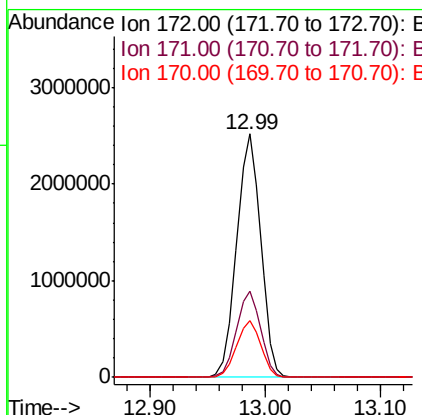
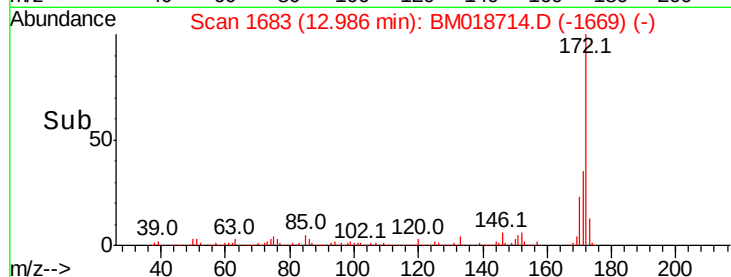
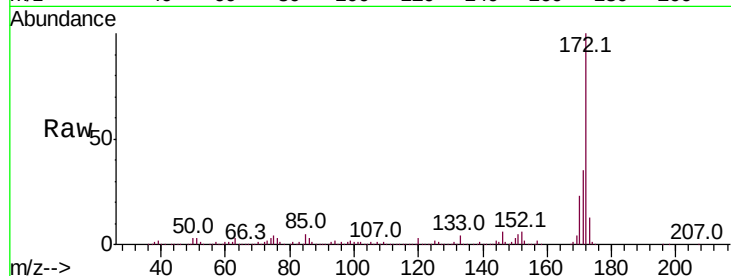
#45  
2-Fluorobiphenyl  
Concen: 76.552 ng  
RT: 12.99 min Scan# 1683  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 28.2  | 42.4  |
| 170     | 23.2  | 18.9  | 28.3  |

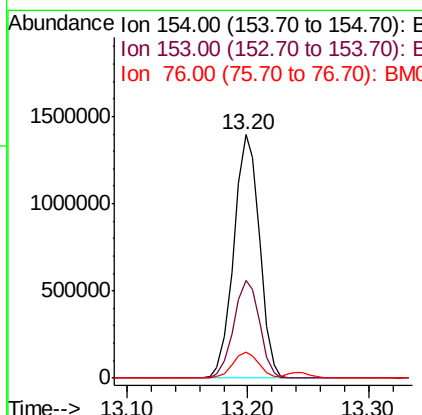
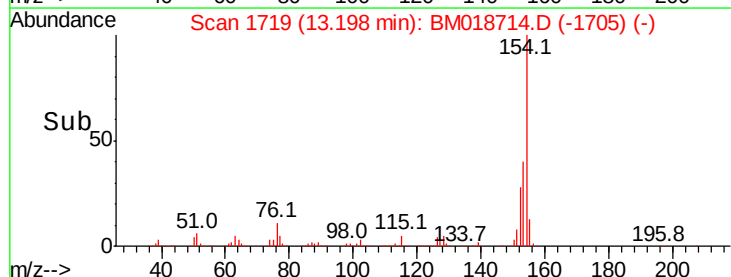
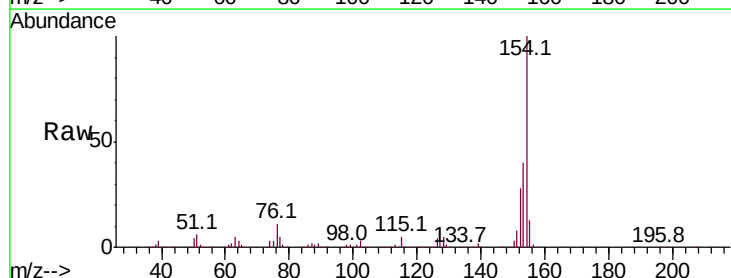
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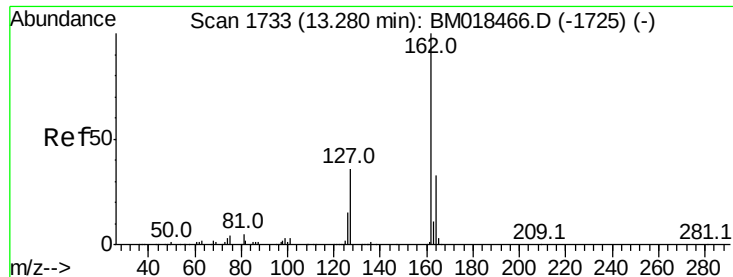
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#46  
1,1'-Biphenyl  
Concen: 38.329 ng  
RT: 13.20 min Scan# 1719  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.3  | 20.5  | 60.5  |
| 76      | 10.8  | 0.0   | 31.9  |





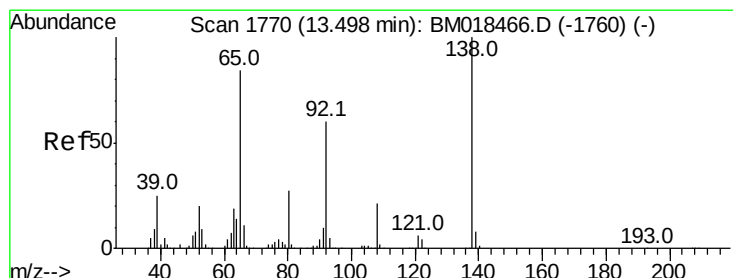
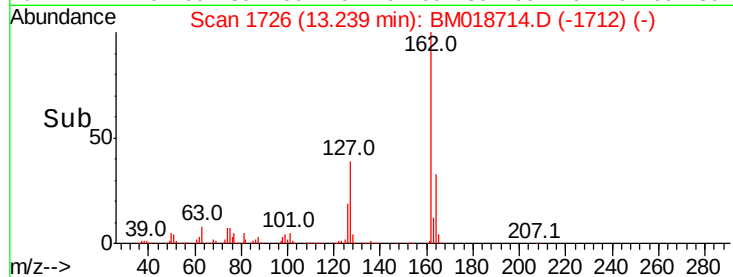
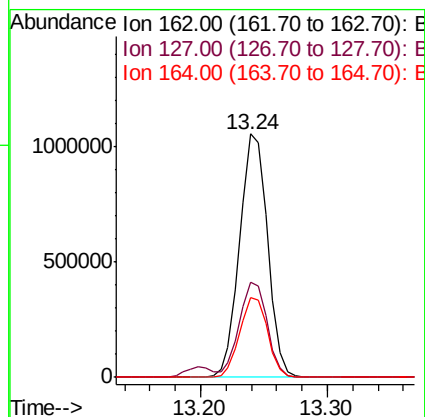
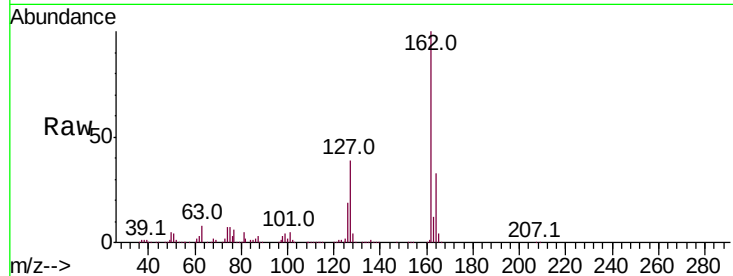
#47  
 2-Chloronaphthalene  
 Concen: 38.490 ng  
 RT: 13.24 min Scan# 1726  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

|             |               |       |      |
|-------------|---------------|-------|------|
| Tot Ion:162 | Resp: 1610084 |       |      |
| Ion Ratio   | Lower         | Upper |      |
| 162         | 100           |       |      |
| 127         | 39.1          | 31.4  | 47.0 |
| 164         | 32.7          | 26.2  | 39.4 |

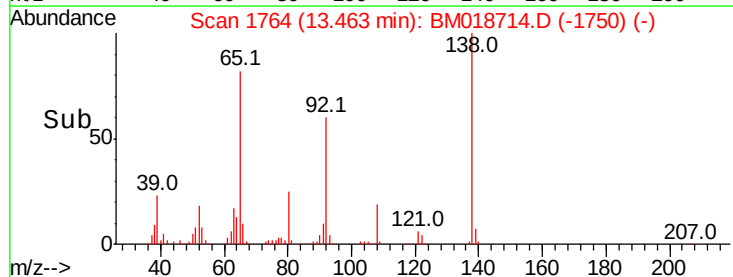
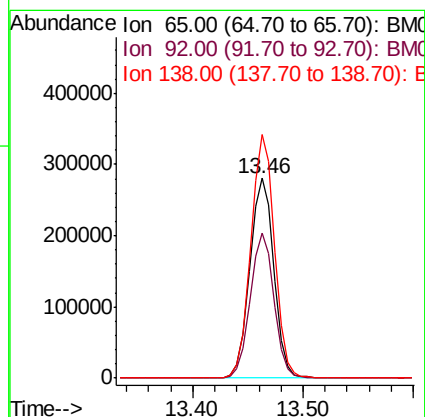
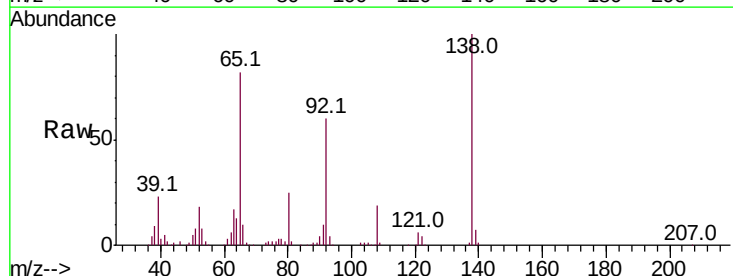
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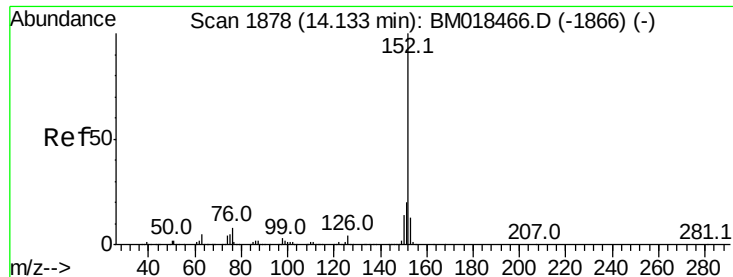
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#48  
 2-Nitroaniline  
 Concen: 41.859 ng  
 RT: 13.46 min Scan# 1764  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 65 | Resp: | 430792 |
| Ion | Ratio   | Lower | Upper  |
| 65  | 100     |       |        |
| 92  | 72.5    | 53.4  | 80.2   |
| 138 | 121.7   | 88.9  | 133.3  |





#49

Acenaphthylene

Concen: 39.197 ng

RT: 14.09 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

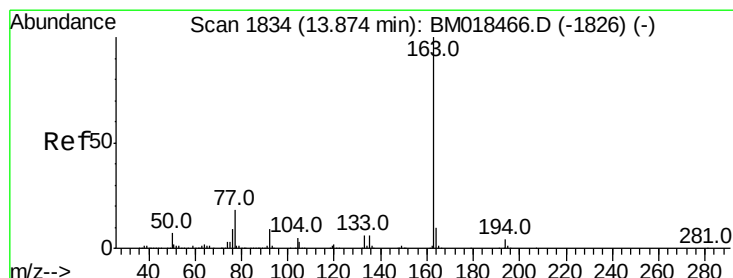
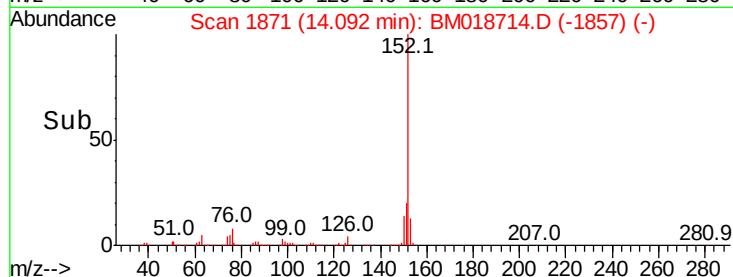
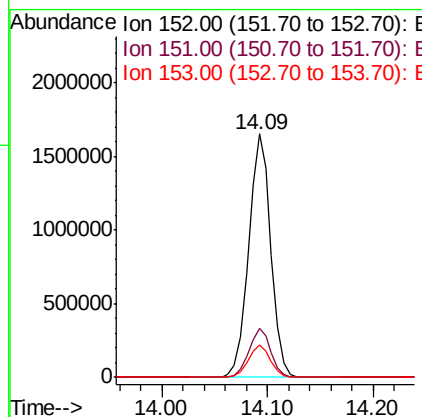
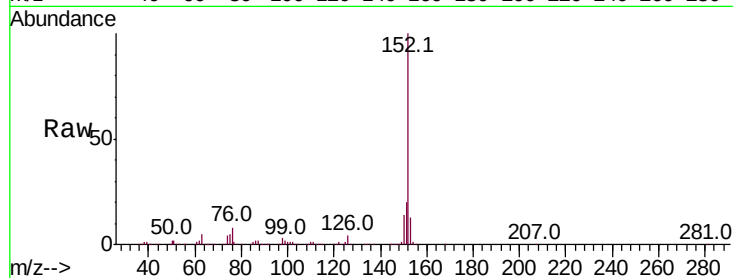
ClientSampleId :

SSTDCCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 2389532 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 20.0  | 15.7  | 23.5    |
| 153      | 13.2  | 10.5  | 15.7    |

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#50

Dimethylphthalate

Concen: 38.067 ng

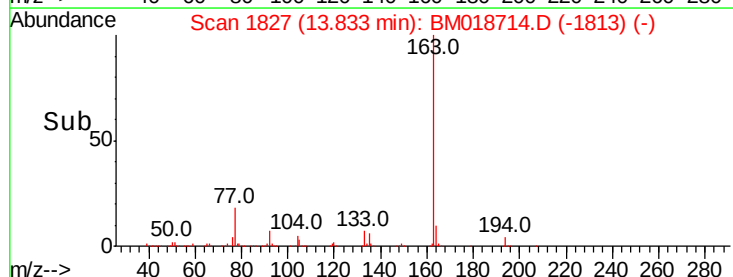
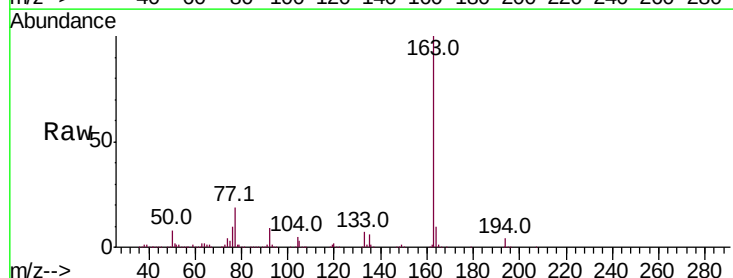
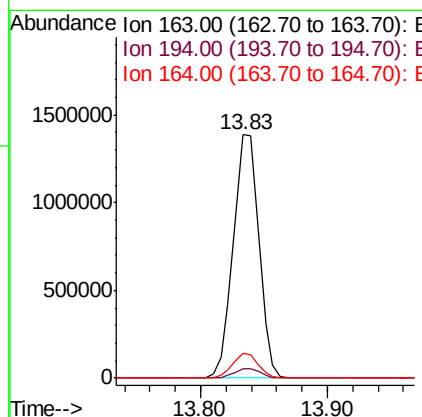
RT: 13.83 min Scan# 1827

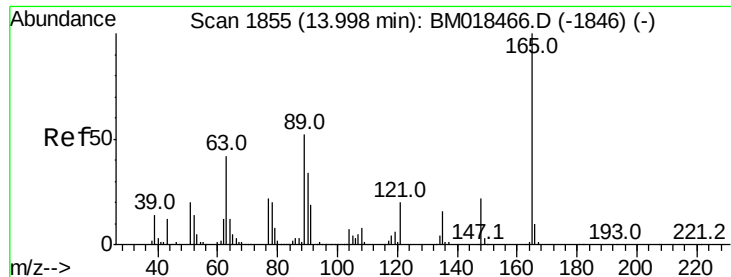
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 163   | Resp: | 1931517 |
| Ion      | Ratio | Lower | Upper   |
| 163      | 100   |       |         |
| 194      | 4.0   | 3.0   | 4.6     |
| 164      | 10.3  | 7.8   | 11.8    |





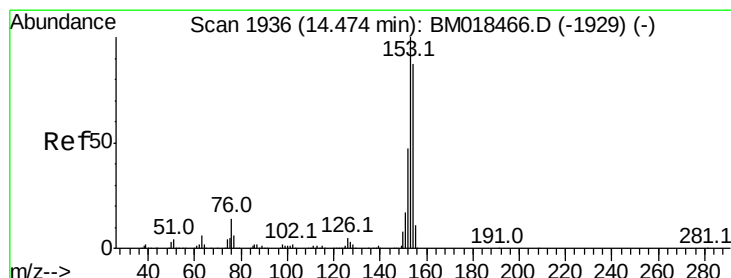
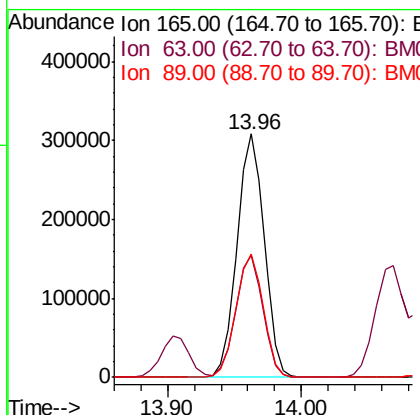
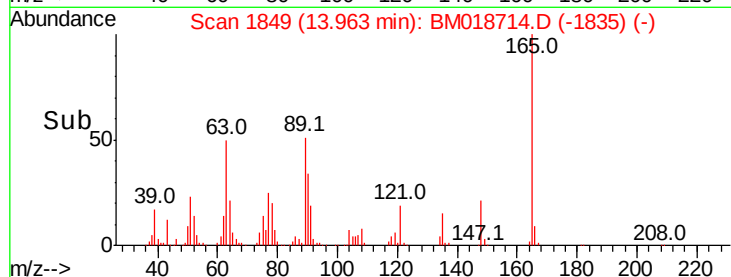
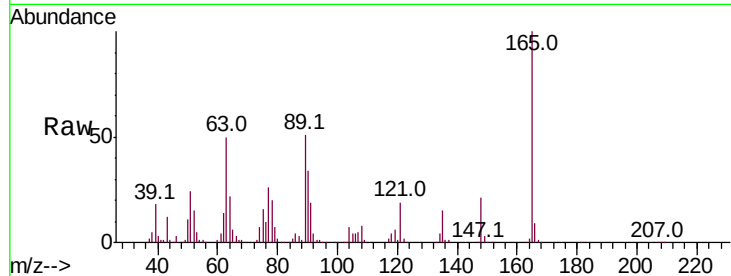
#51  
2,6-Dinitrotoluene  
Concen: 40.540 ng  
RT: 13.96 min Scan# 1849  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.3  | 45.6  | 68.4  |
| 89      | 50.5  | 44.6  | 66.8  |

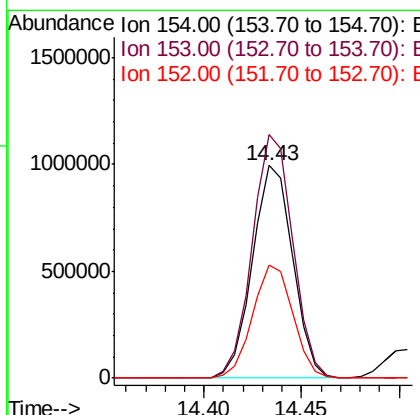
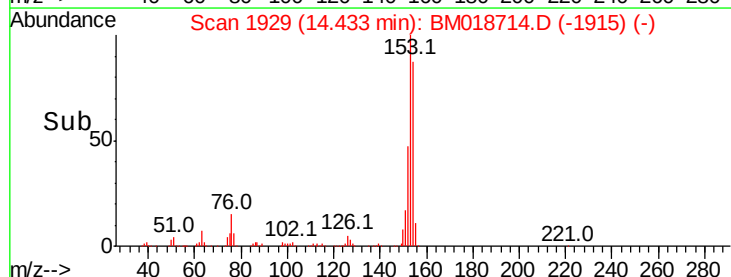
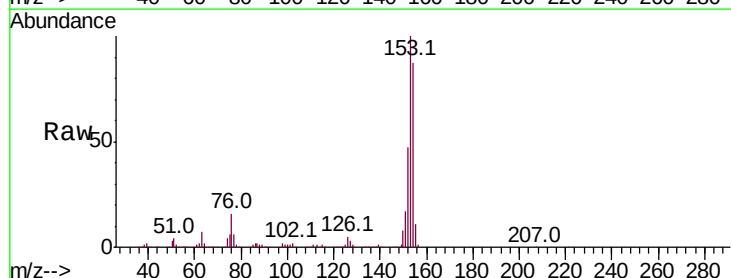
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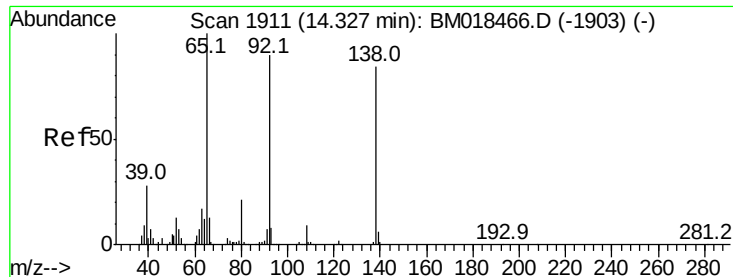
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#52  
Acenaphthene  
Concen: 38.210 ng  
RT: 14.43 min Scan# 1929  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.7 | 92.3  | 138.5 |
| 152     | 53.4  | 43.8  | 65.6  |





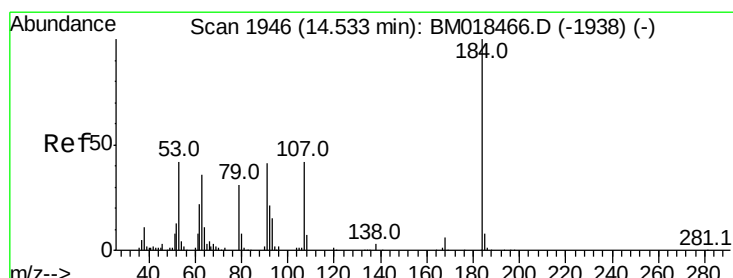
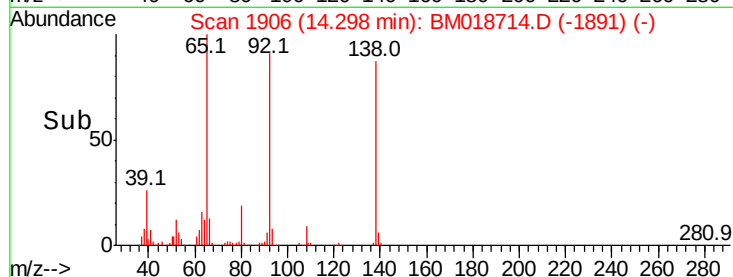
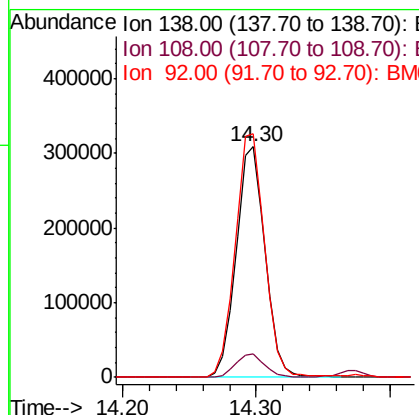
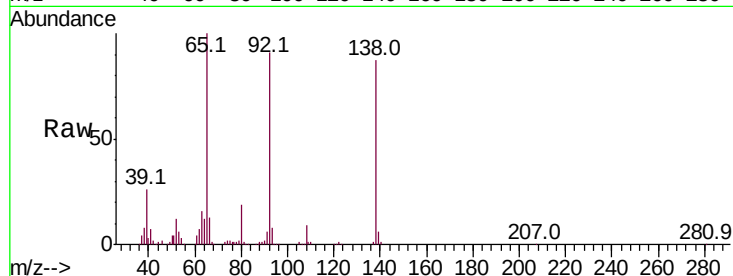
#53  
3-Nitroaniline  
Concen: 42.966 ng  
RT: 14.30 min Scan# 1906  
Delta R.T. -0.01 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 9.1   | 13.7  |
| 92      | 105.7 | 88.2  | 132.2 |

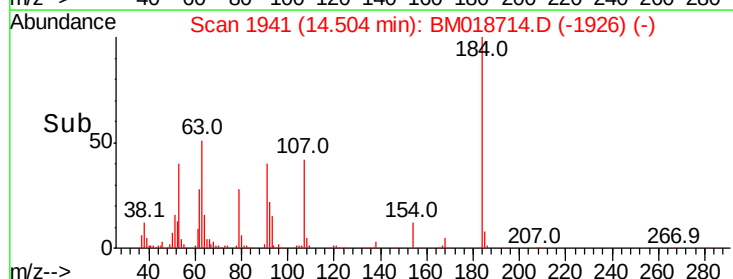
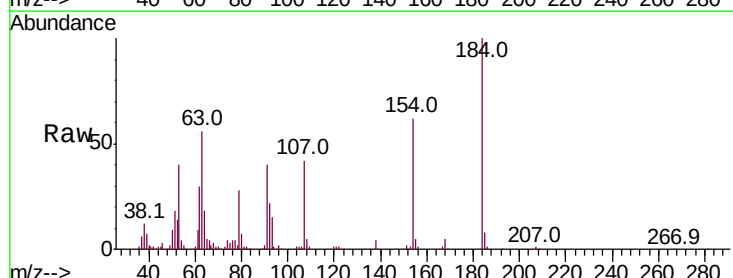
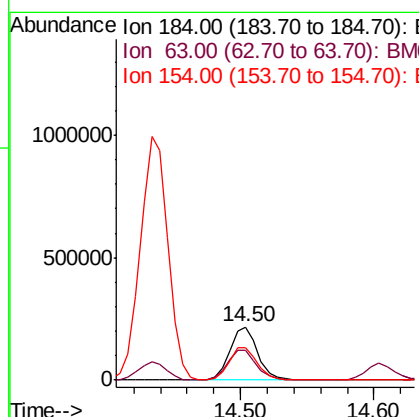
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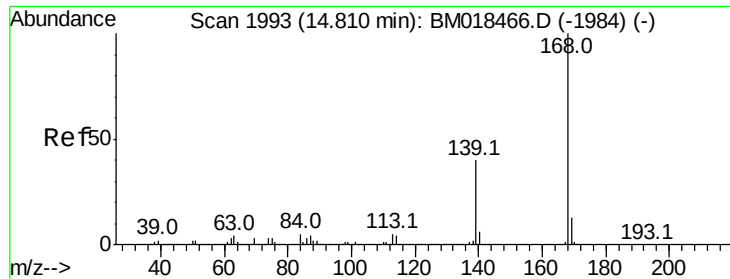
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#54  
2,4-Dinitrophenol  
Concen: 56.696 ng  
RT: 14.50 min Scan# 1941  
Delta R.T. -0.01 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 55.9  | 55.9  | 83.9# |
| 154     | 62.3  | 54.2  | 81.4  |





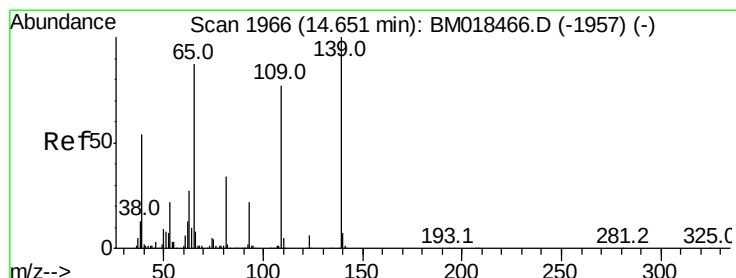
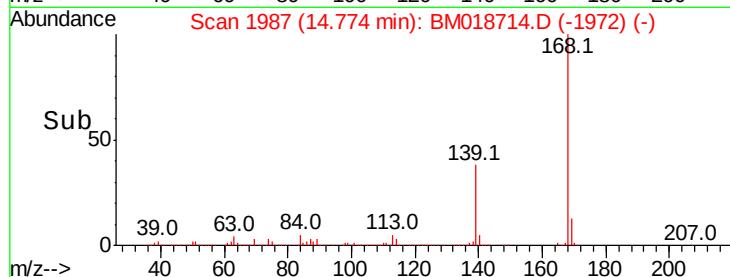
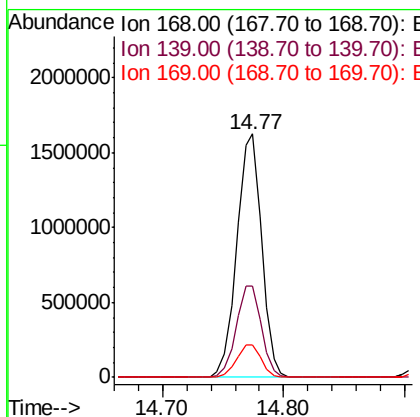
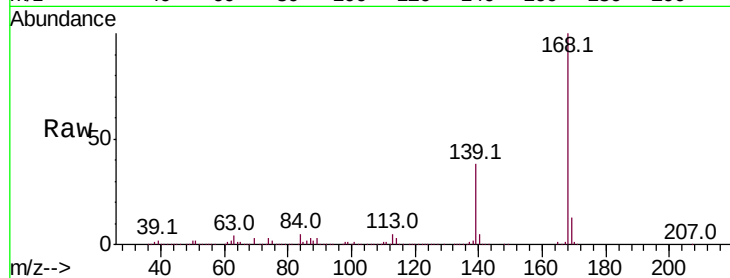
#55  
Dibenzofuran  
Concen: 37.694 ng  
RT: 14.77 min Scan# 1987  
Delta R.T. -0.01 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.7  | 30.3  | 45.5  |
| 169     | 13.1  | 10.6  | 16.0  |

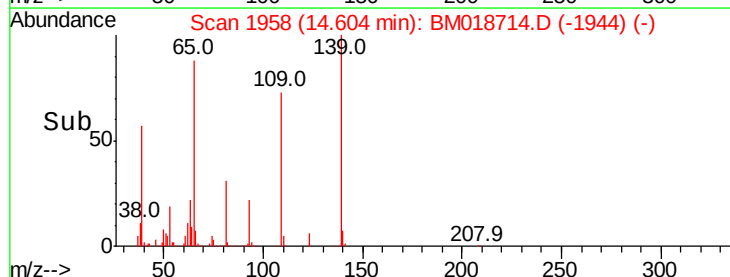
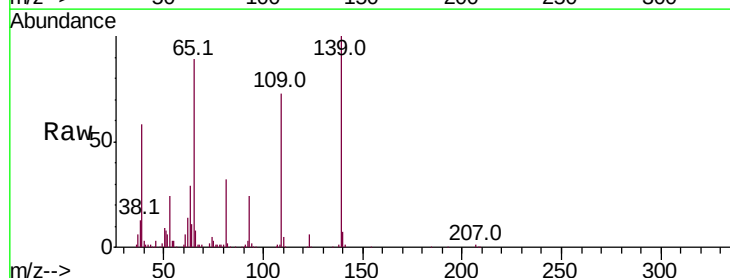
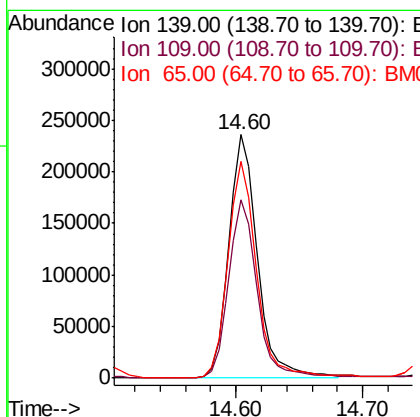
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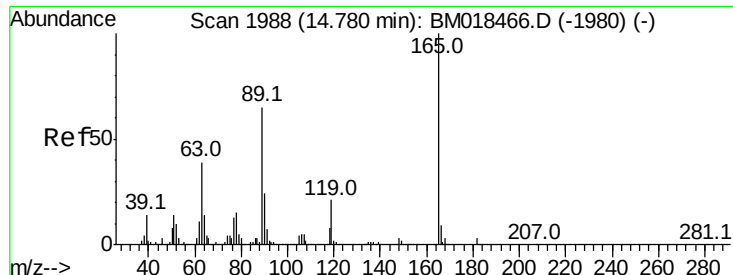


#56  
4-Nitrophenol  
Concen: 39.398 ng  
RT: 14.60 min Scan# 1958  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 73.0  | 51.7  | 91.7  |
| 65      | 88.8  | 71.4  | 111.4 |







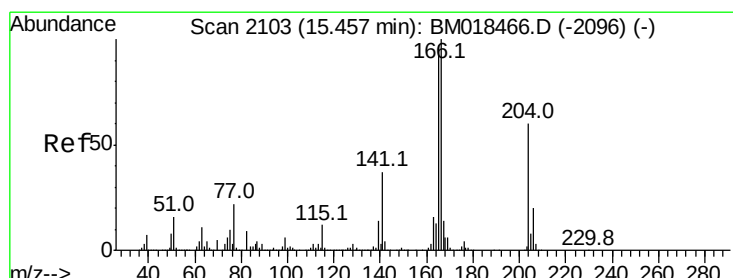
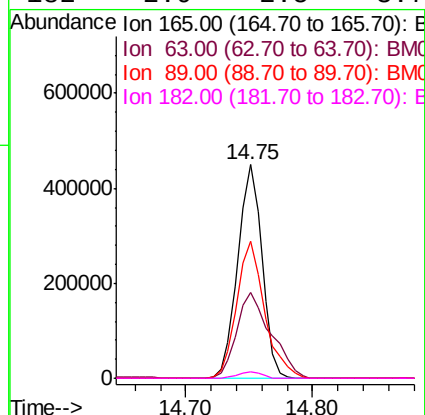
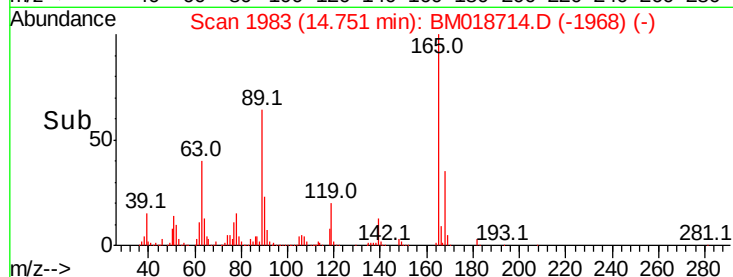
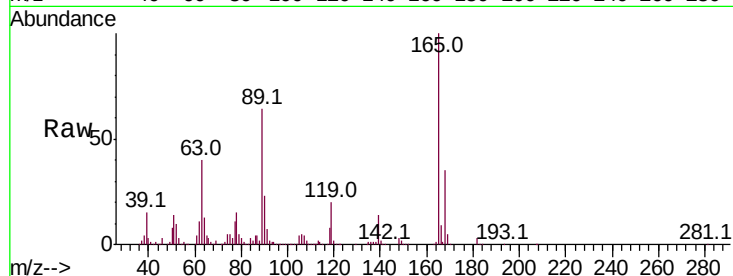
#57  
2,4-Dinitrotoluene  
Concen: 39.102 ng  
RT: 14.75 min Scan# 1983  
Delta R.T. -0.01 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 40.3  | 32.2 | 48.2  |       |
| 89      | 64.0  | 52.1 | 78.1  |       |
| 182     | 2.9   | 2.5  | 3.7   |       |

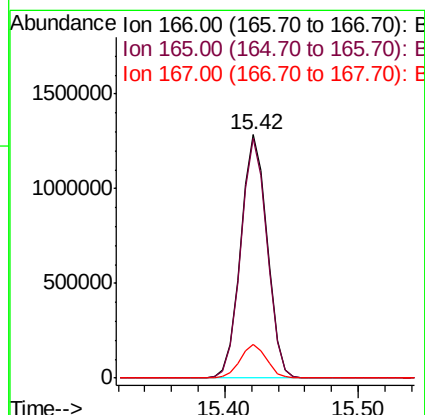
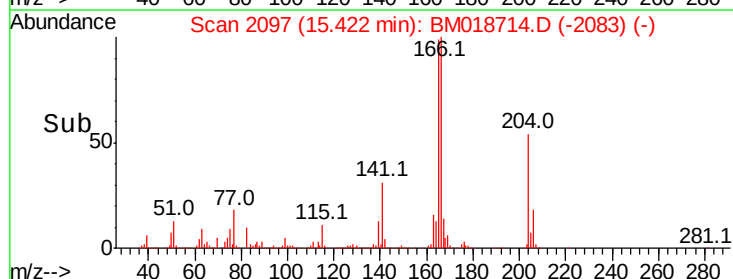
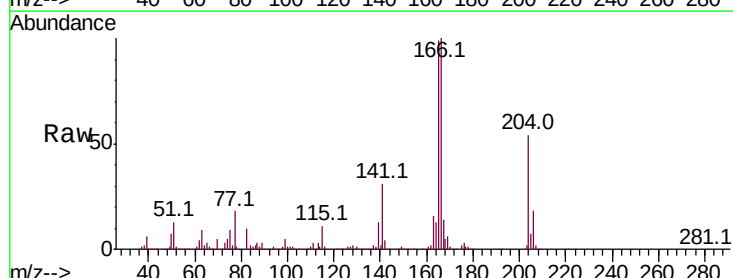
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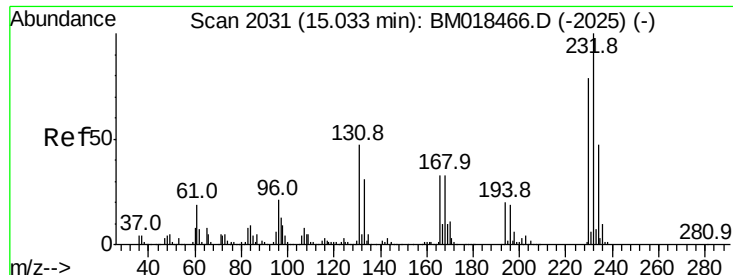
apatel  
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#58  
Fluorene  
Concen: 38.280 ng  
RT: 15.42 min Scan# 2097  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 98.7  | 78.3 | 117.5 |       |
| 167     | 13.7  | 10.9 | 16.3  |       |





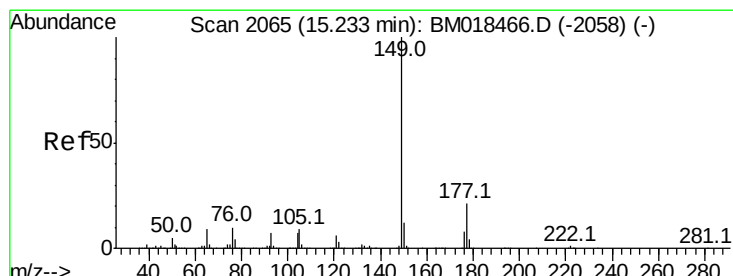
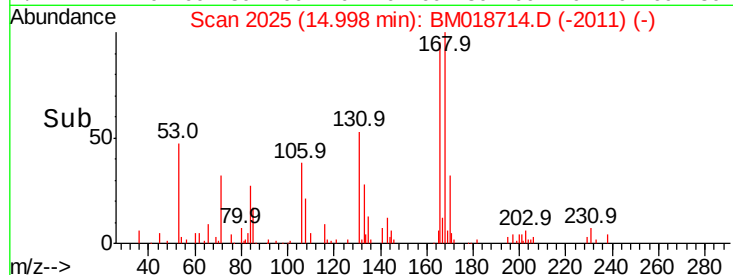
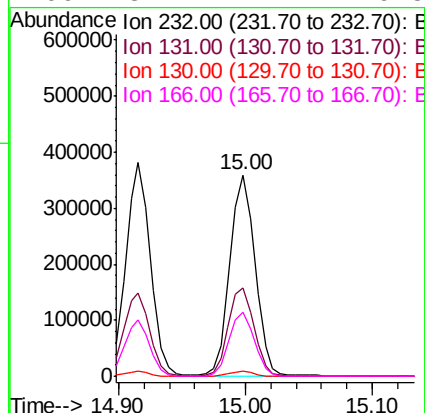
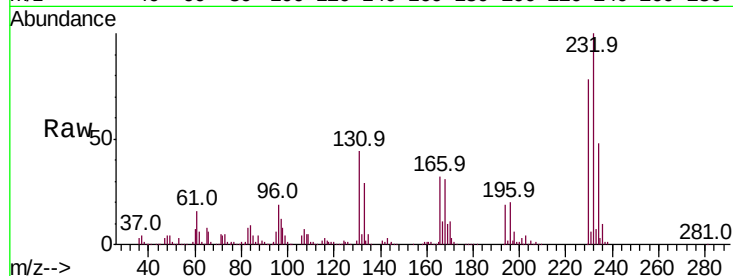
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.138 ng  
RT: 15.00 min Scan# 2025  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 490904 |       |       |
| 131     | 44.9  | 38.6   | 57.8  |       |
| 130     | 2.4   | 2.2    | 3.4   |       |
| 166     | 32.7  | 27.2   | 40.8  |       |

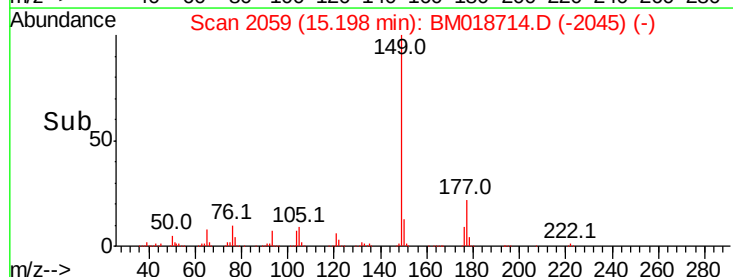
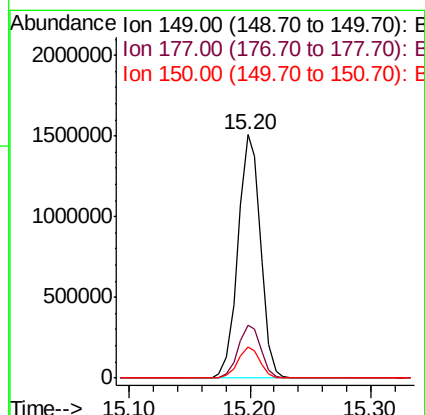
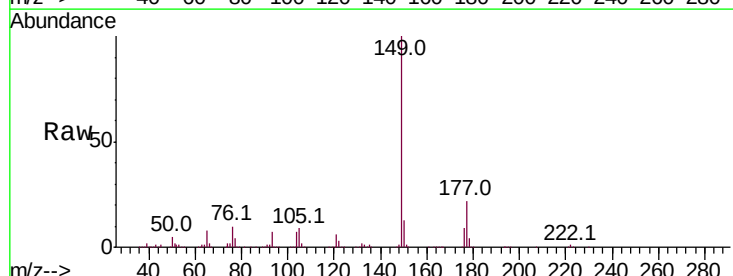
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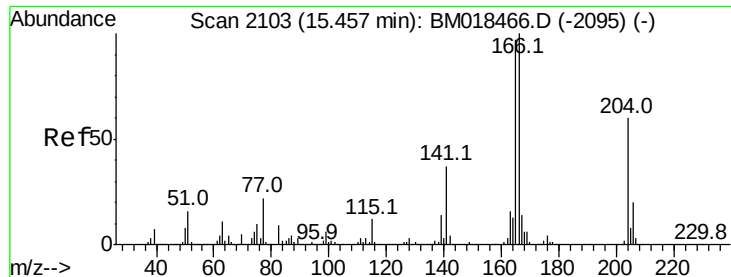
apatel  
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#60  
Diethylphthalate  
Concen: 38.215 ng  
RT: 15.20 min Scan# 2059  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1957468 |       |       |
| 177     | 21.9  | 17.1    | 25.7  |       |
| 150     | 12.6  | 9.8     | 14.6  |       |





#61

4-Chlorophenyl-phenylether

Concen: 37.887 ng

RT: 15.42 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:204 Resp: 1002507

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

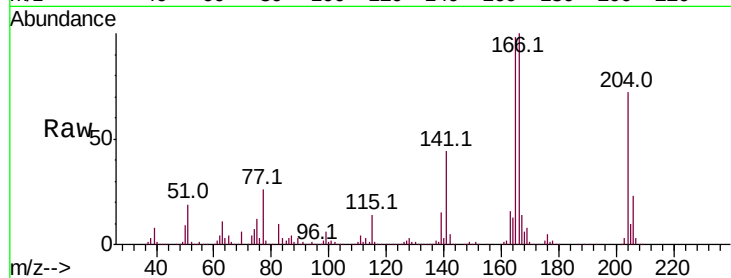
141 60.8 49.5 74.3

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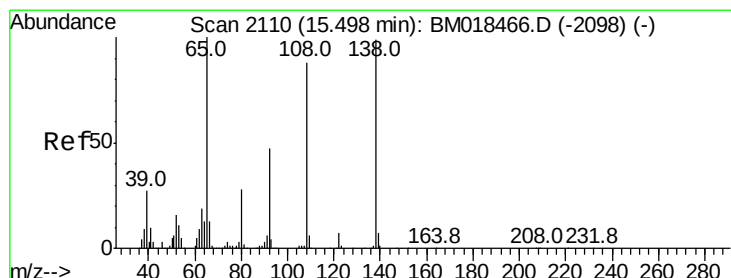
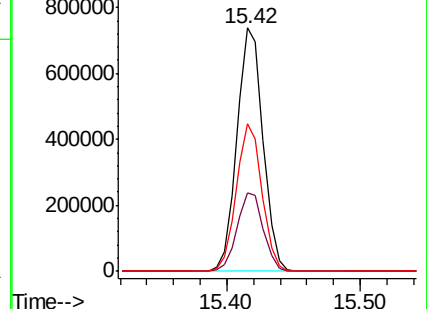
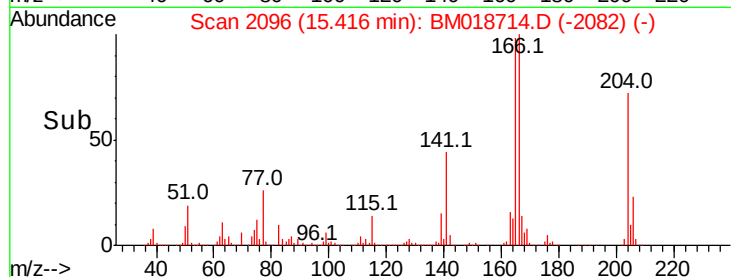
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 38.113 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

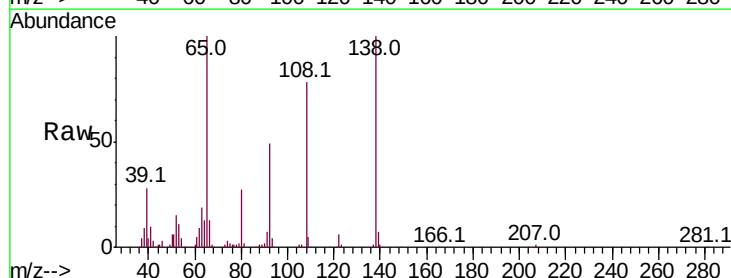
Tgt Ion:138 Resp: 450452

Ion Ratio Lower Upper

138 100

92 49.1 29.0 69.0

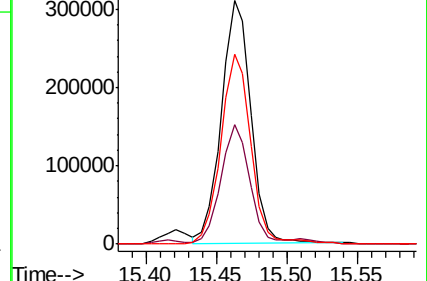
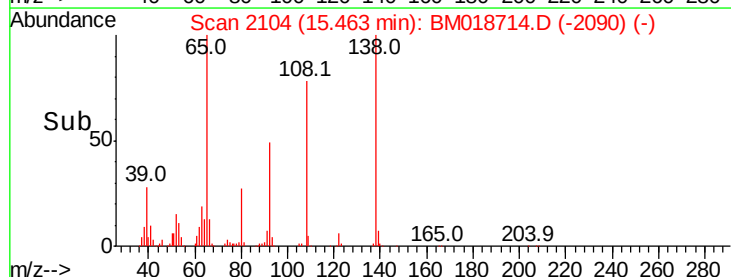
108 78.0 63.9 103.9

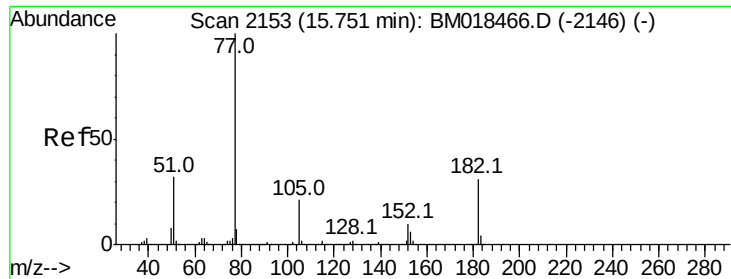


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





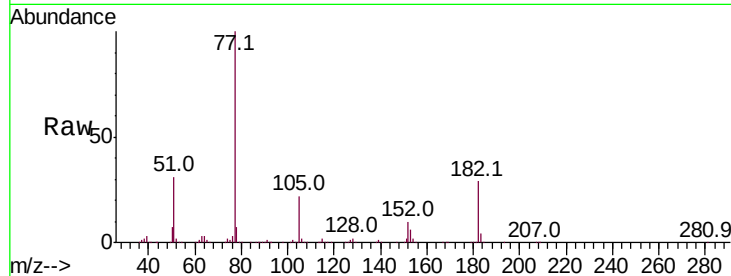
#63  
Azobenzene  
Concen: 38.842 ng  
RT: 15.71 min Scan# 2146  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.1  | 7.4   | 47.4  |
| 105     | 21.8  | 0.0   | 39.6  |
| 51      | 30.7  | 12.0  | 52.0  |

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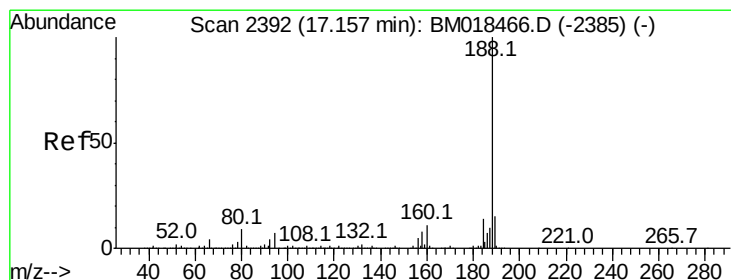
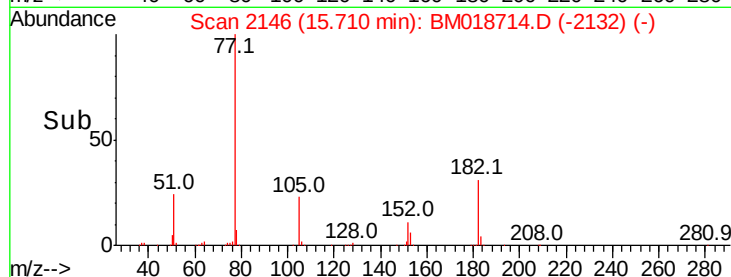
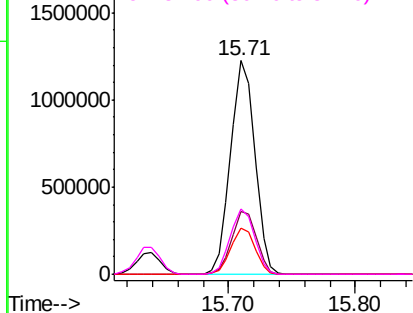
Abundance

Ion 77.00 (76.70 to 77.70): BM018714.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018714.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018714.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018714.D (-2146) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.12 min Scan# 2386  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

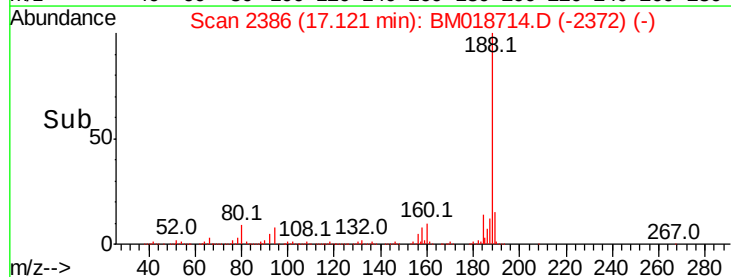
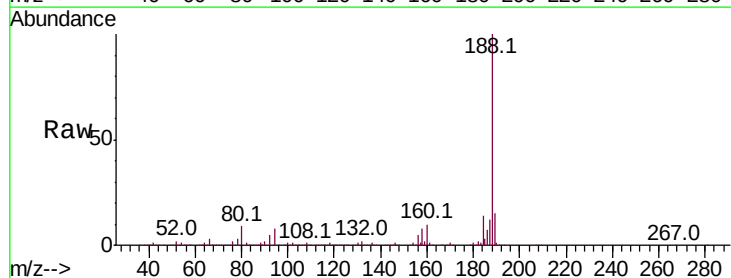
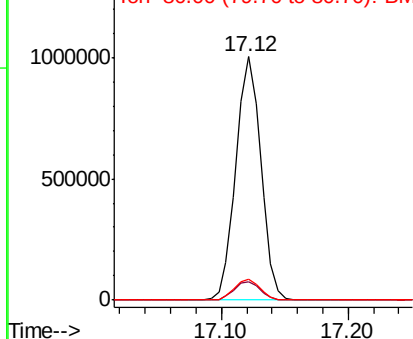
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.6   | 7.1   | 10.7  |
| 80      | 8.5   | 7.6   | 11.4  |

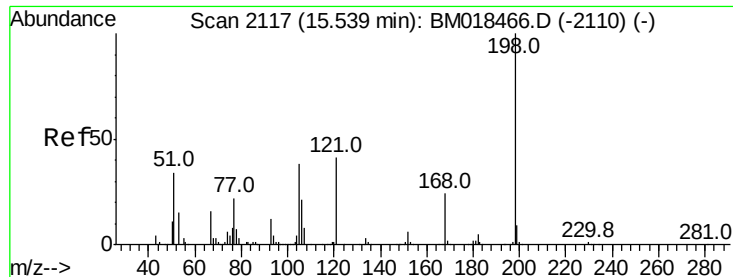
Abundance

Ion 188.00 (187.70 to 188.70): BM018714.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BM018714.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BM018714.D (-2372) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 41.154 ng

RT: 15.51 min Scan# 2112

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

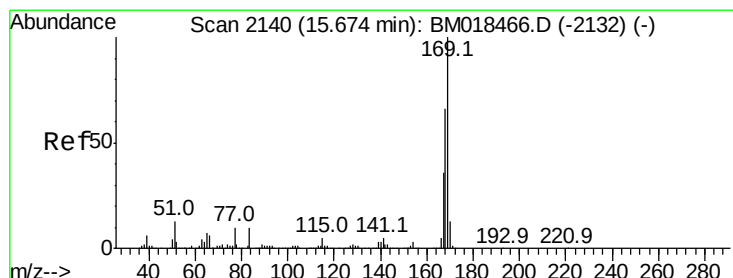
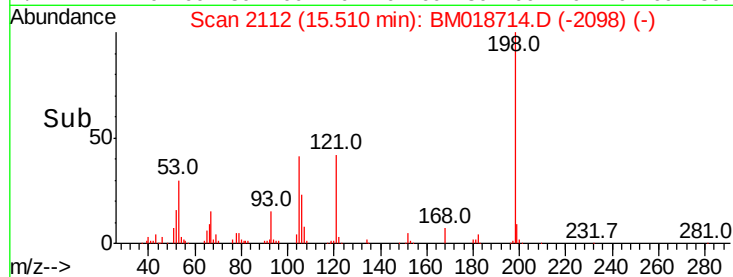
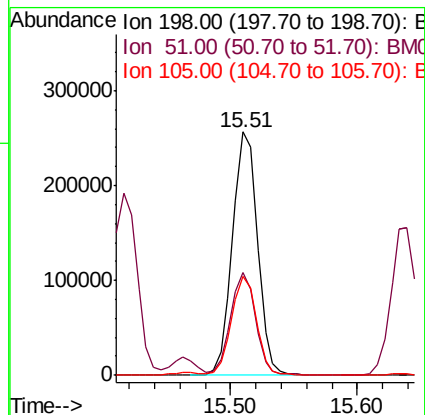
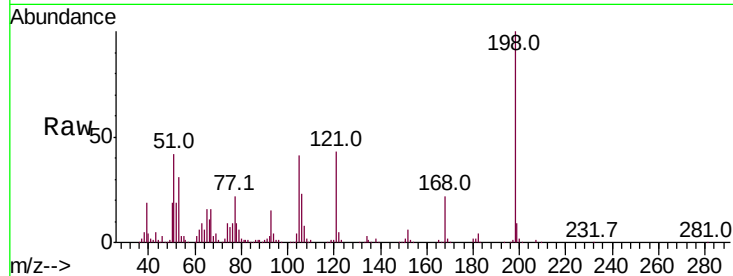
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 351741 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 42.1  | 29.6  | 69.6   |
| 105       | 40.7  | 25.5  | 65.5   |

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#66

n-Nitrosodiphenylamine

Concen: 39.368 ng

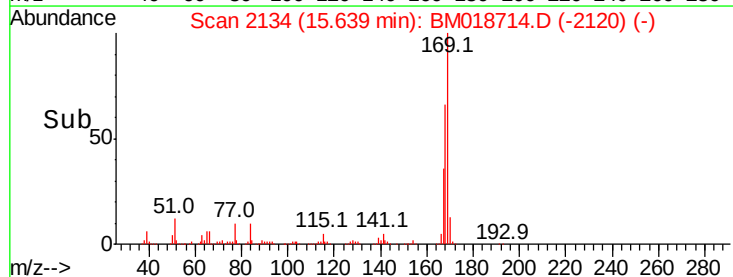
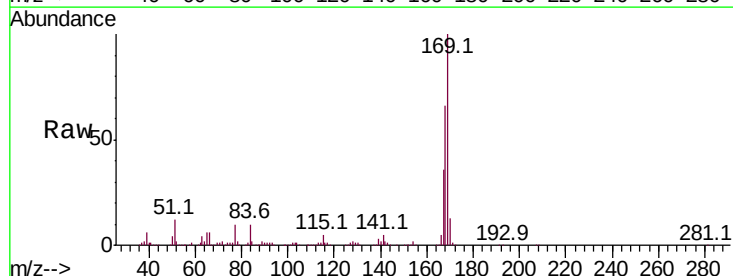
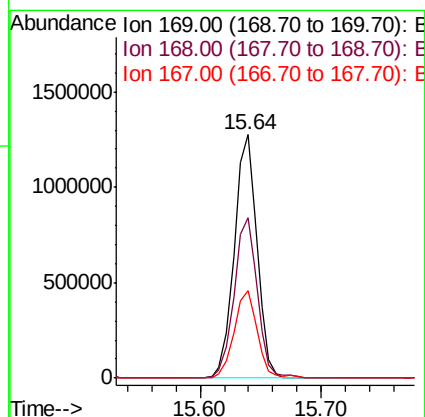
RT: 15.64 min Scan# 2134

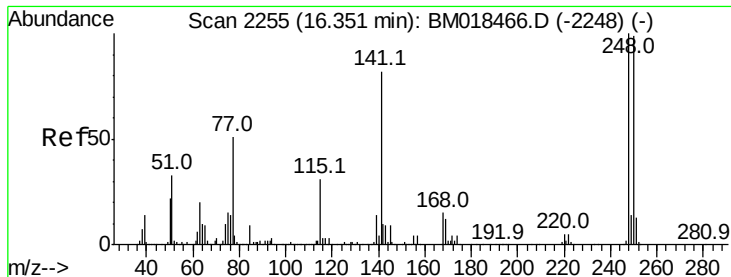
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 1672714 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 66.0  | 54.1  | 81.1    |
| 167       | 35.8  | 28.6  | 42.8    |





#67

4-Bromophenyl-phenylether

Concen: 39.132 ng

RT: 16.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

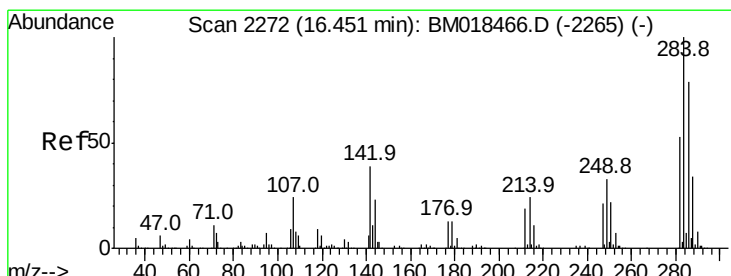
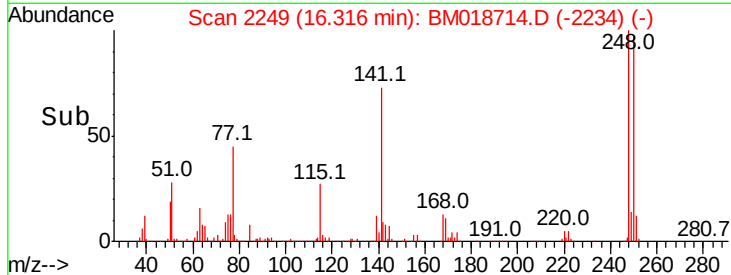
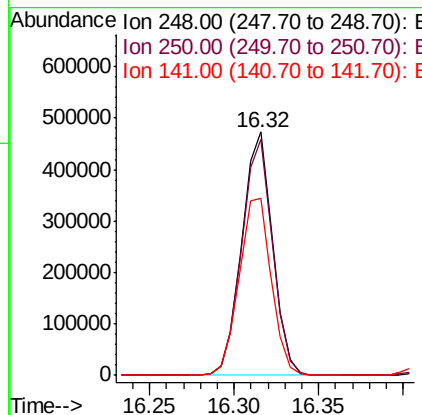
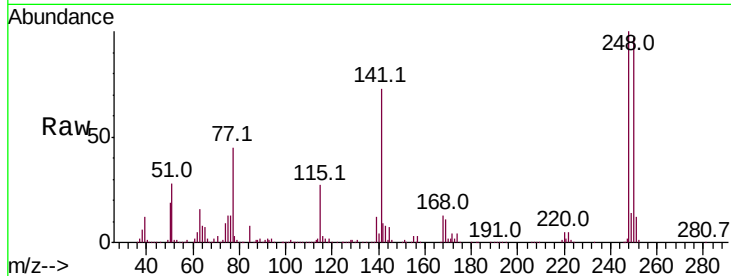
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 599821 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.8  | 76.0  | 114.0  |
| 141       | 72.7  | 61.5  | 92.3   |

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#68

Hexachlorobenzene

Concen: 38.366 ng

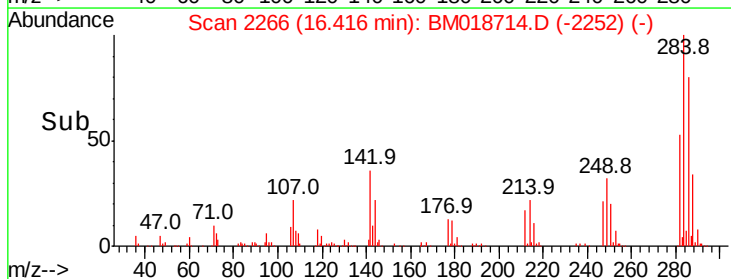
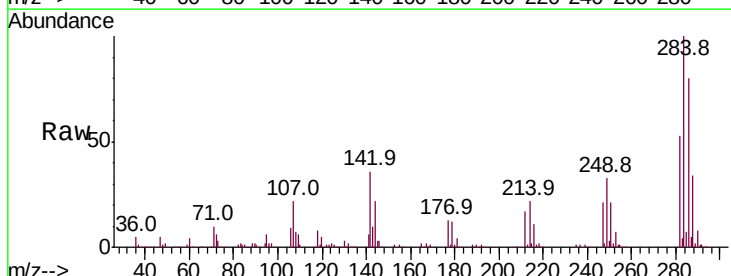
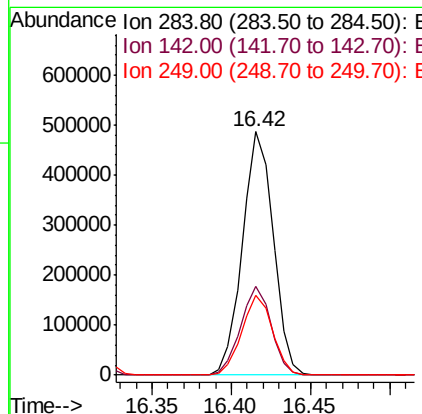
RT: 16.42 min Scan# 2266

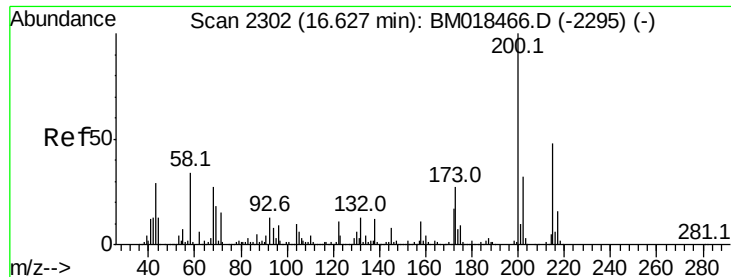
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 658347 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 36.3  | 29.2  | 43.8   |
| 249       | 32.6  | 26.1  | 39.1   |





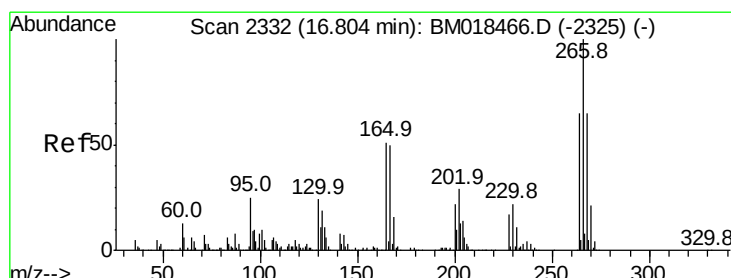
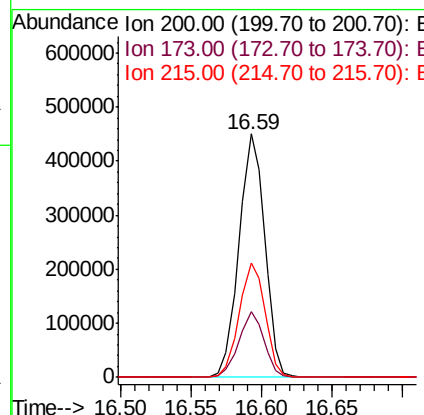
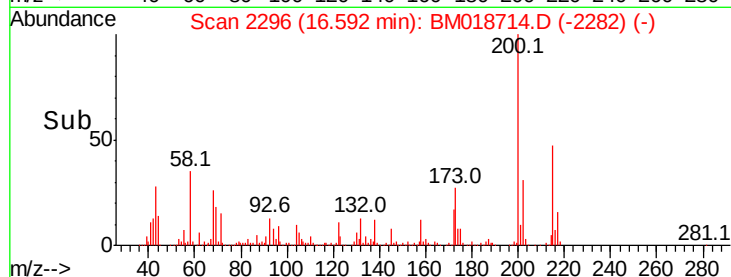
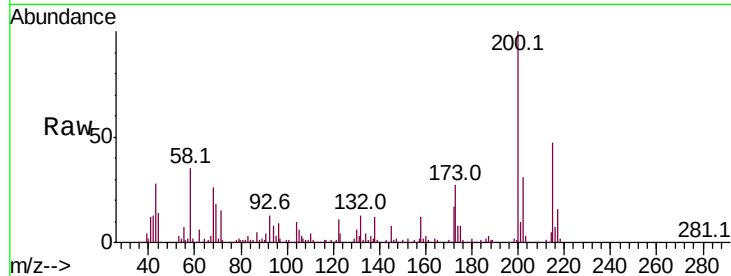
#69  
 Atrazine  
 Concen: 37.333 ng  
 RT: 16.59 min Scan# 2296  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.0  | 7.2   | 47.2  |
| 215     | 46.9  | 28.3  | 68.3  |

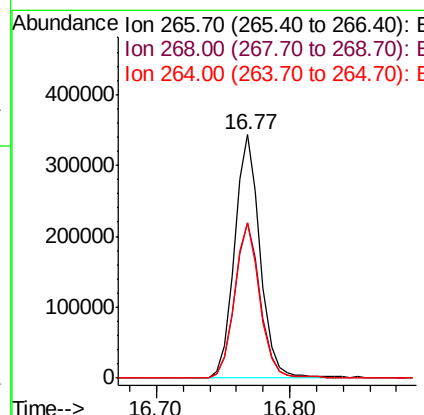
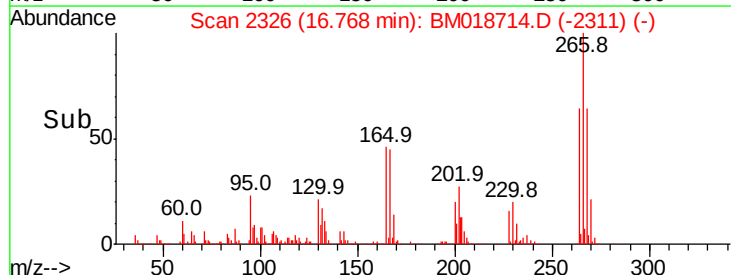
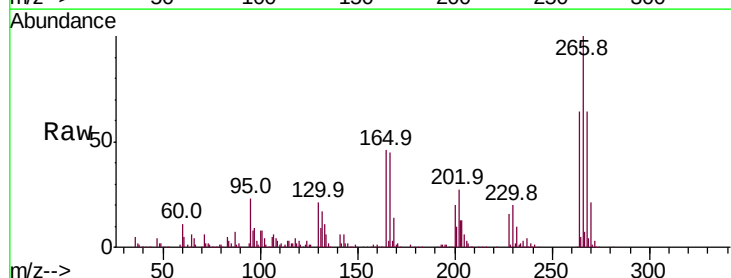
Manual Integrations  
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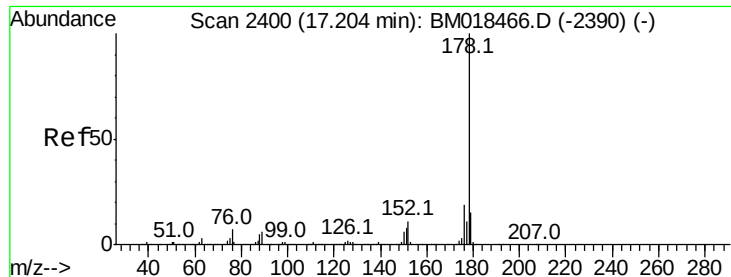
apatel  
 2/4/2019 12:44:40 PM



#70  
 Pentachlorophenol  
 Concen: 40.850 ng  
 RT: 16.77 min Scan# 2326  
 Delta R.T. -0.01 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 49.8  | 74.6  |
| 264     | 63.7  | 50.1  | 75.1  |





#71

Phenanthrene

Concen: 38.094 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 2775399

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

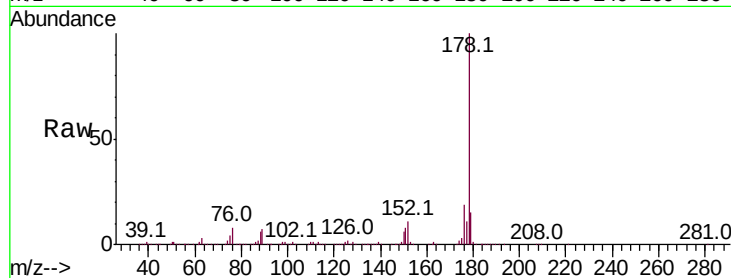
179 15.3 12.2 18.4

Manual Integrations

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apatel

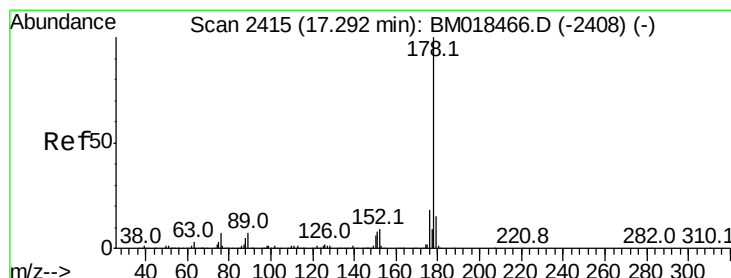
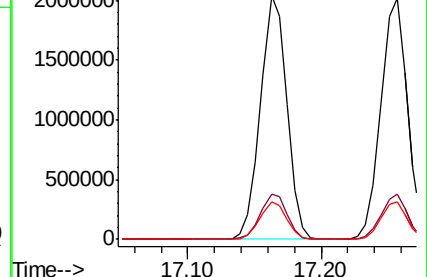
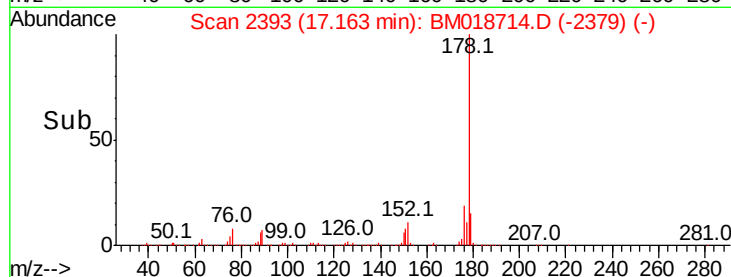
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.394 ng

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

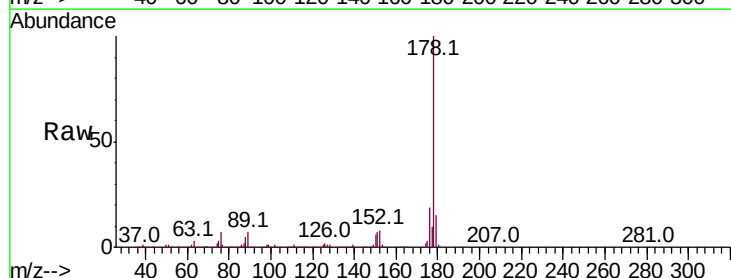
Tgt Ion:178 Resp: 2759956

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

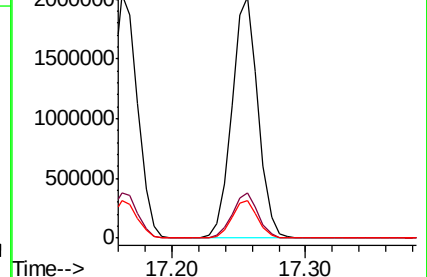
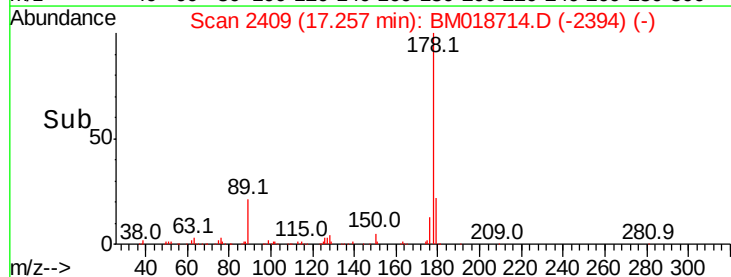
179 15.4 12.2 18.4



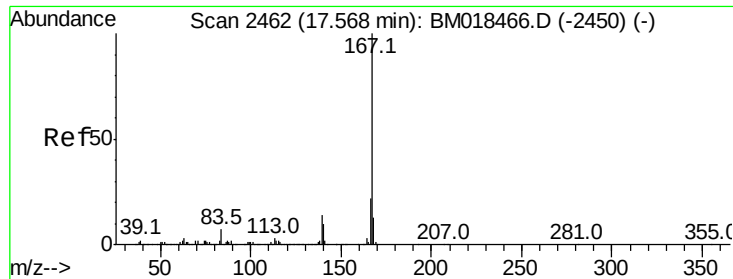
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







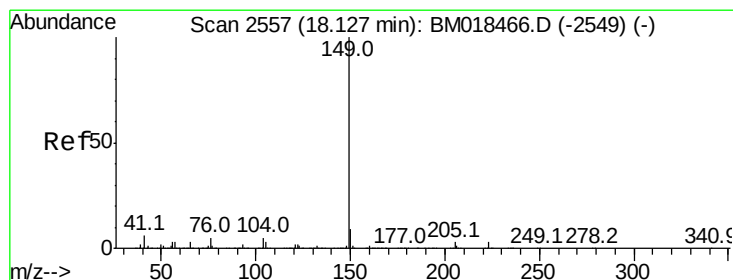
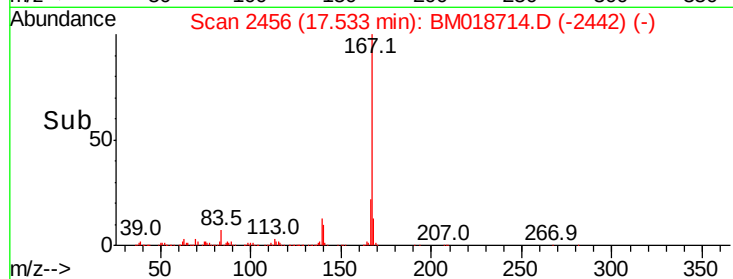
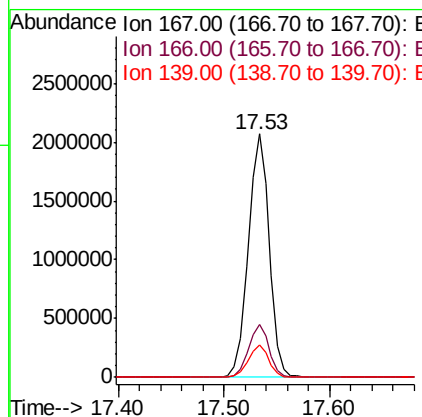
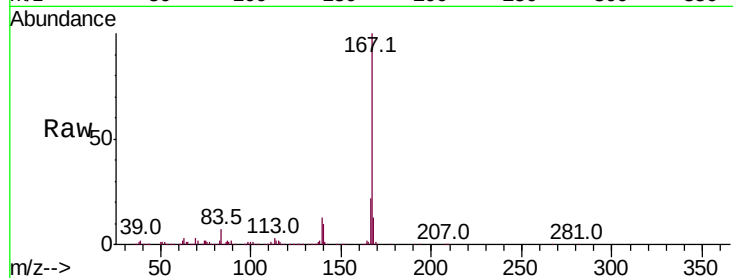
#73  
 Carbazole  
 Concen: 39.524 ng  
 RT: 17.53 min Scan# 2456  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.4  | 26.2  |
| 139     | 13.2  | 10.6  | 16.0  |

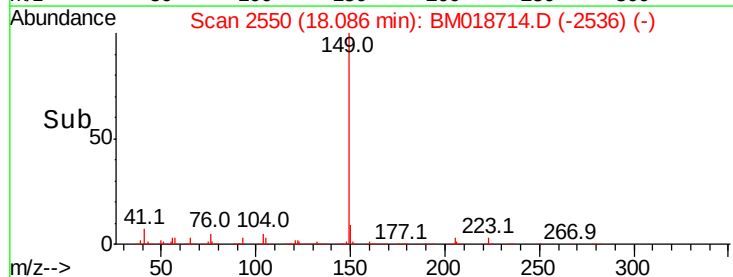
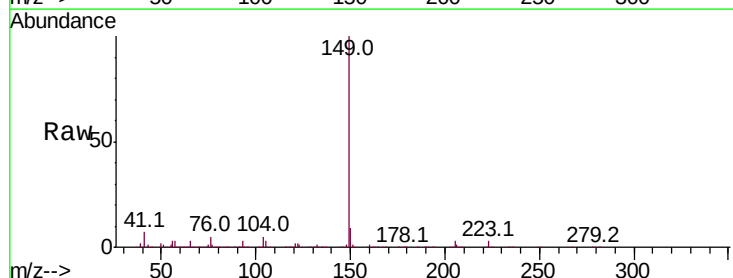
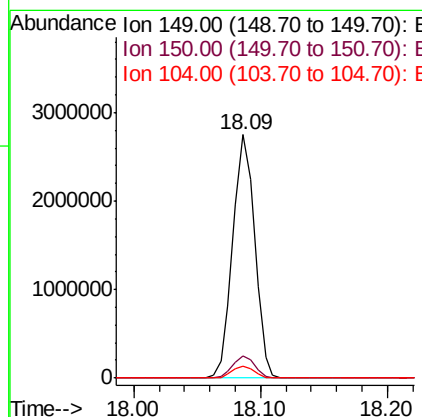
Manual Integrations  
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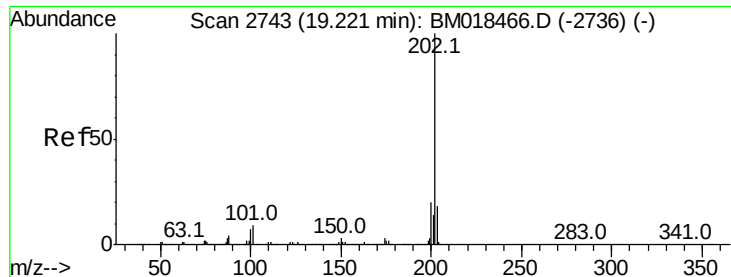
apatel  
 2/4/2019 12:44:40 PM



#74  
 Di-n-butylphthalate  
 Concen: 41.699 ng  
 RT: 18.09 min Scan# 2550  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.3   | 10.9  |
| 104     | 5.0   | 4.2   | 6.4   |





#75

Fluoranthene

Concen: 38.677 ng

RT: 19.19 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

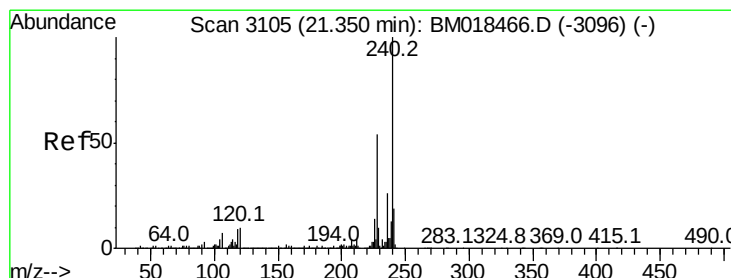
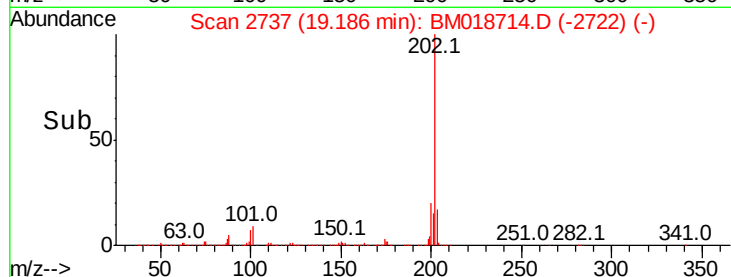
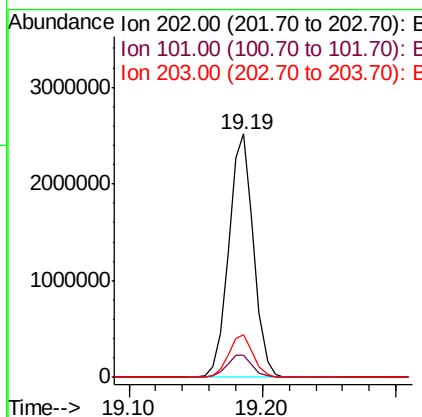
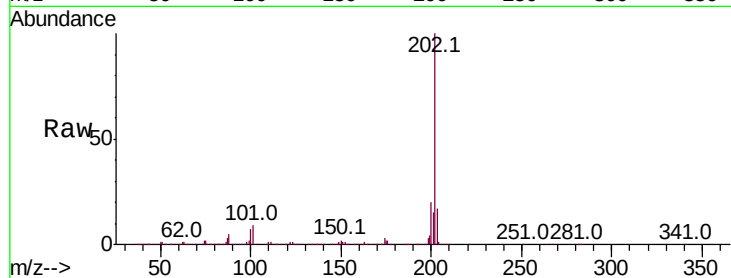
ClientSampleId :

SSTDCCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3248804 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 9.4   | 0.0   | 30.9    |
| 203      | 17.4  | 0.0   | 37.4    |

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#76

Chrysene-d12

Concen: 20.000 ng

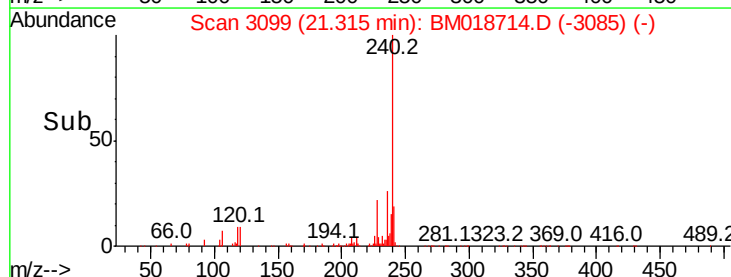
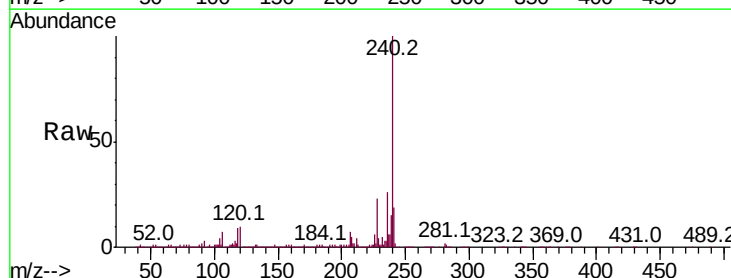
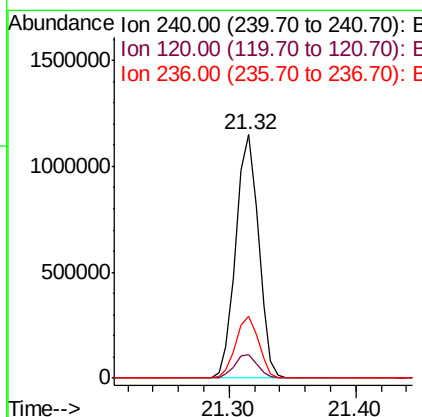
RT: 21.32 min Scan# 3099

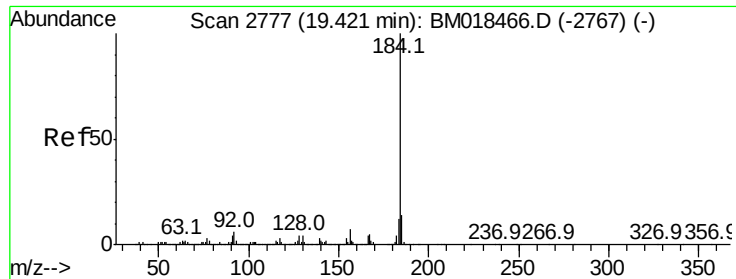
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1424686 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 9.5   | 8.4   | 12.6    |
| 236      | 25.6  | 20.7  | 31.1    |





#77

Benzidine

Concen: 38.340 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 1348707

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.0

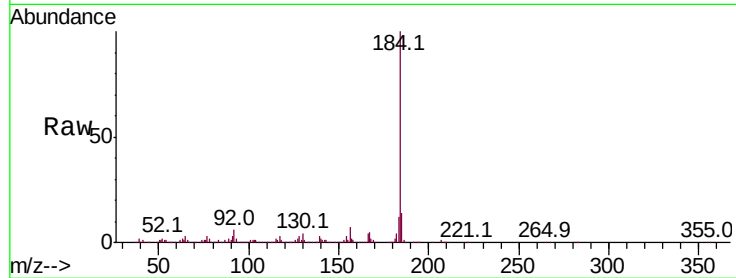
183 11.8 9.5 14.3

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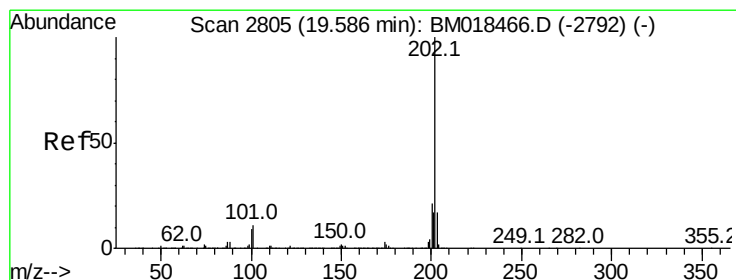
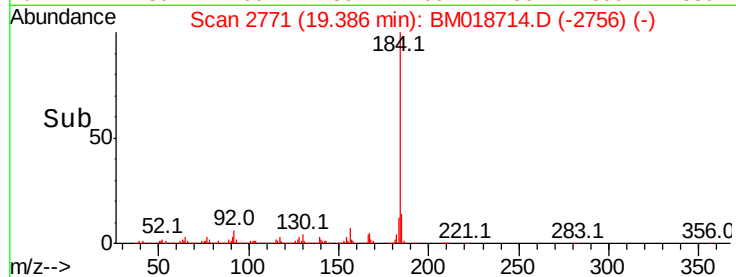
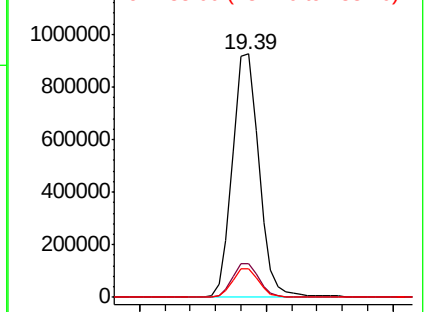


Abundance

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: 40.011 ng

RT: 19.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

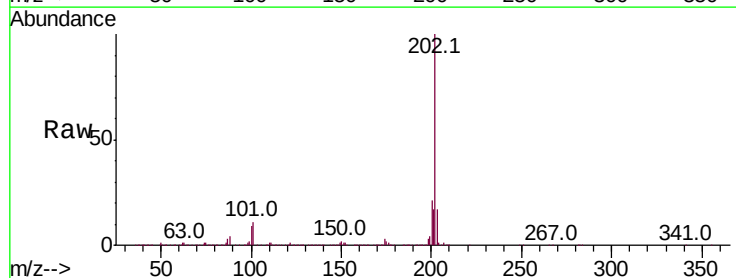
Tgt Ion:202 Resp: 3378875

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

203 17.4 13.8 20.8

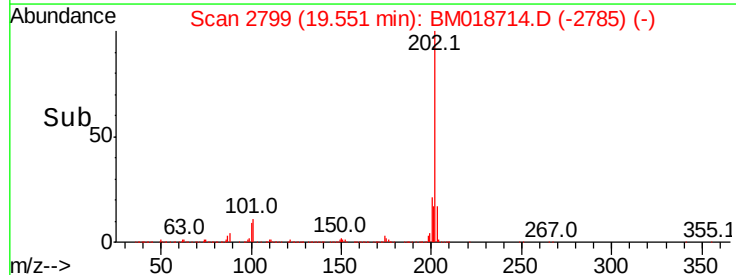
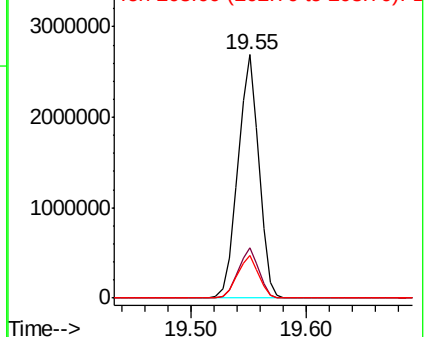


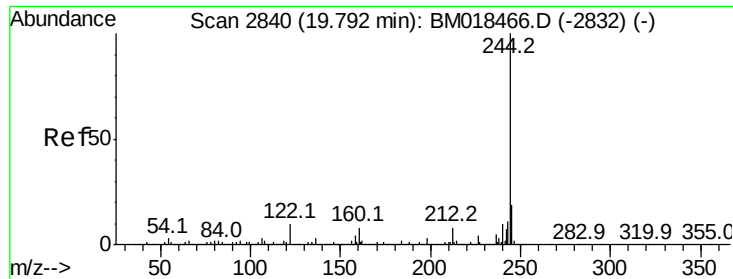
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





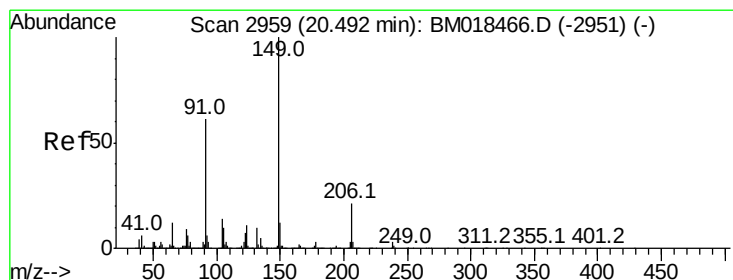
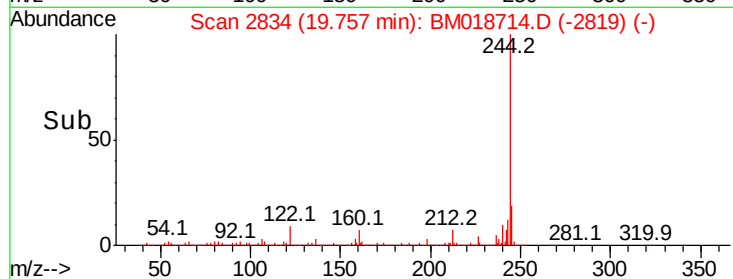
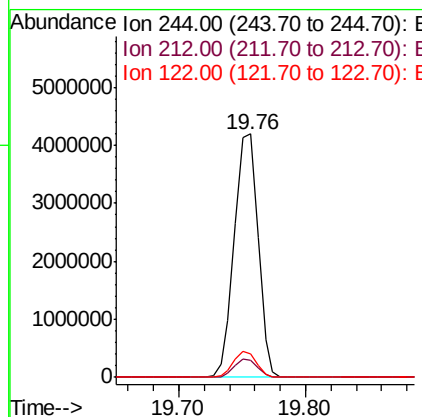
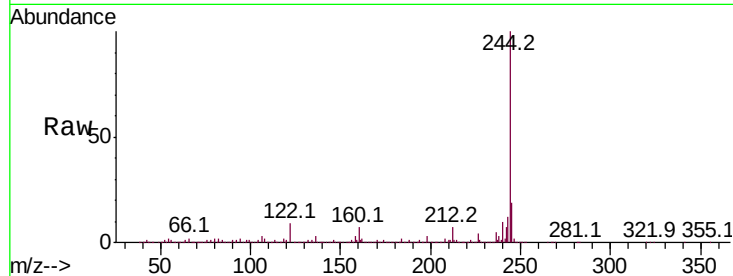
#79  
 Terphenyl-d14  
 Concen: 80.462 ng  
 RT: 19.76 min Scan# 2834  
 Delta R.T. -0.01 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.9   | 8.9   |
| 122     | 9.4   | 9.0   | 13.4  |

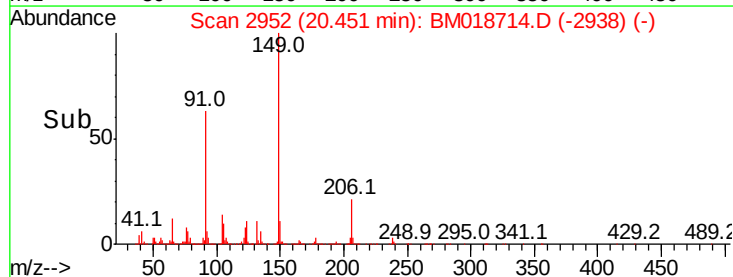
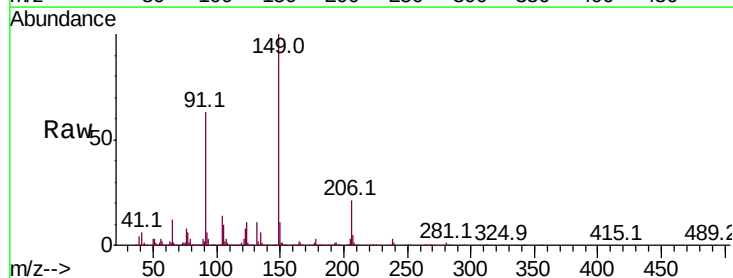
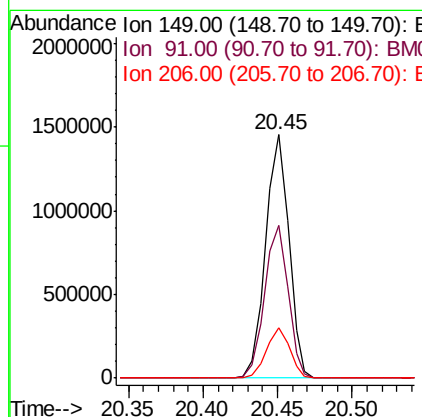
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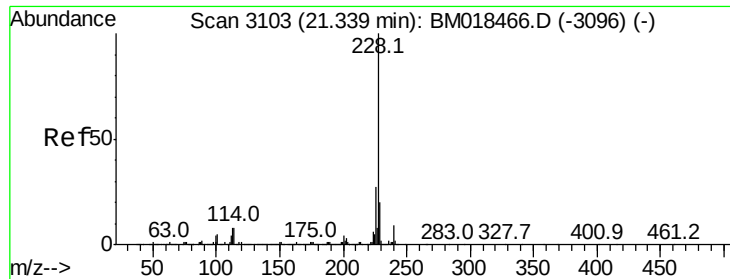
apatel  
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#80  
 Butylbenzylphthalate  
 Concen: 43.315 ng  
 RT: 20.45 min Scan# 2952  
 Delta R.T. -0.02 min  
 Lab File: BM018714.D  
 Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 62.8  | 53.1  | 79.7  |
| 206     | 20.6  | 16.2  | 24.4  |





#81

Benzo(a)anthracene

Concen: 38.890 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

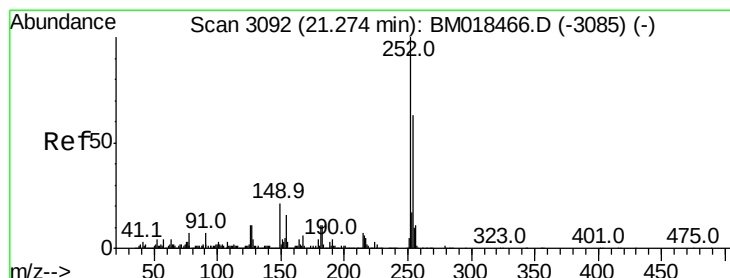
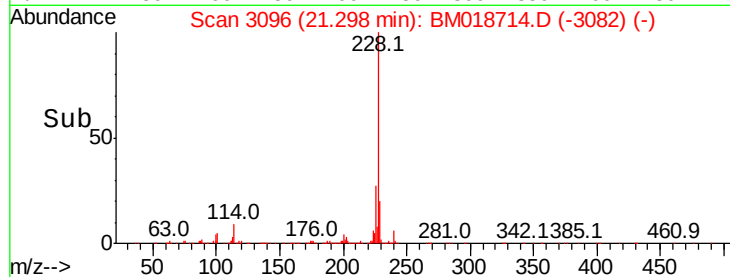
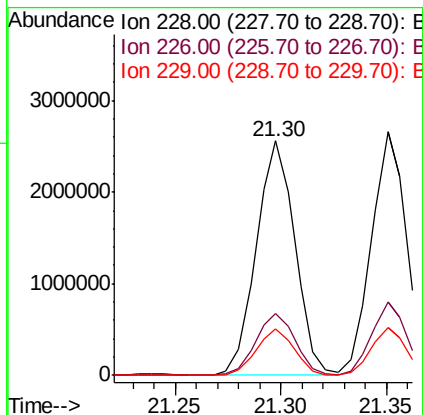
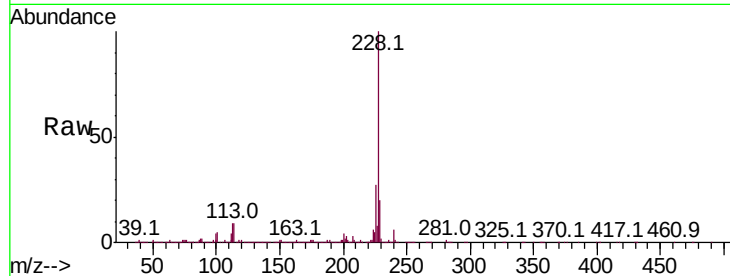
ClientSampled :

SSTDCCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 3264062 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 26.6  | 21.8  | 32.6    |
| 229      | 19.7  | 15.8  | 23.8    |

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#82

3,3'-Dichlorobenzidine

Concen: 40.410 ng

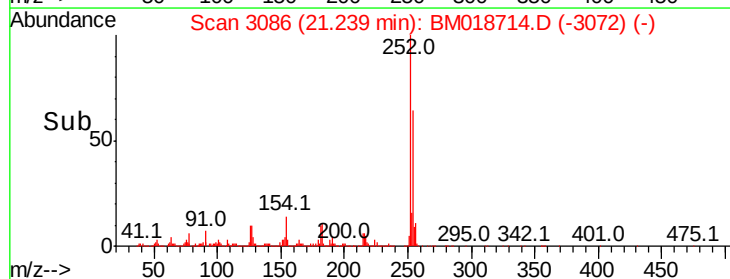
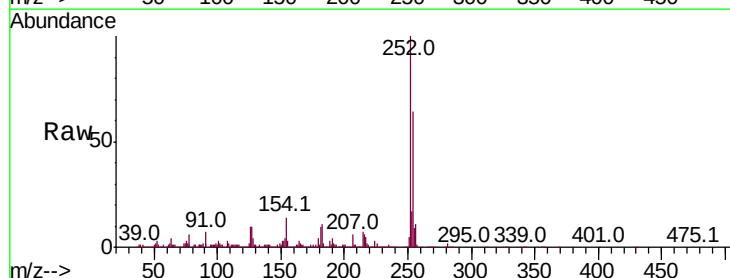
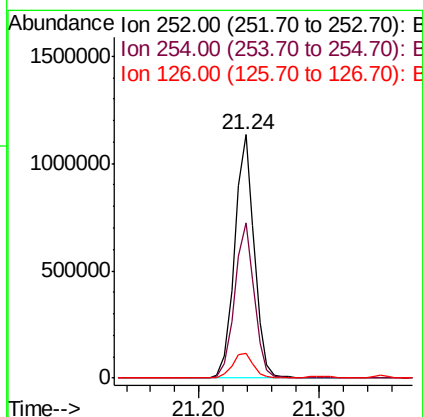
RT: 21.24 min Scan# 3086

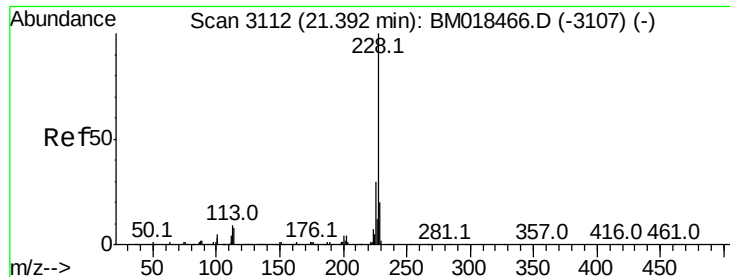
Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1282532 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 254      | 63.9  | 51.4  | 77.0    |
| 126      | 10.4  | 8.7   | 13.1    |





#83

Chrysene

Concen: 38.157 ng

RT: 21.35 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

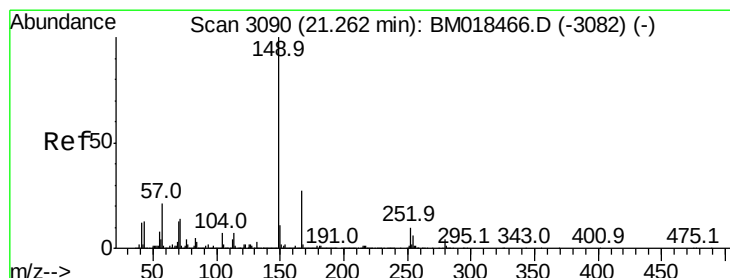
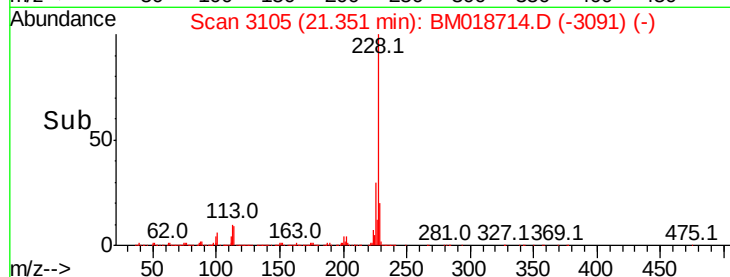
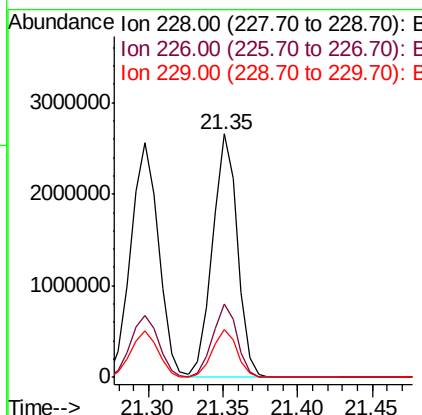
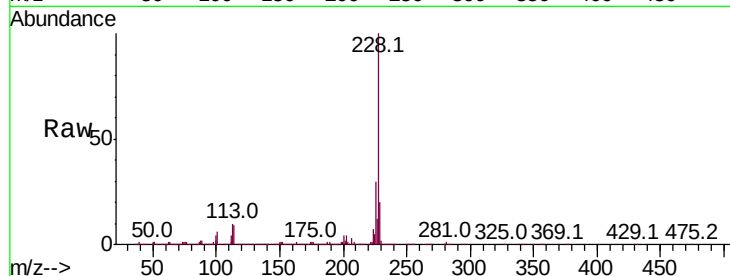
ClientSampleId :

SSTDCCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 3092516 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 30.0  | 24.2  | 36.2    |
| 229      | 19.8  | 15.6  | 23.4    |

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.050 ng

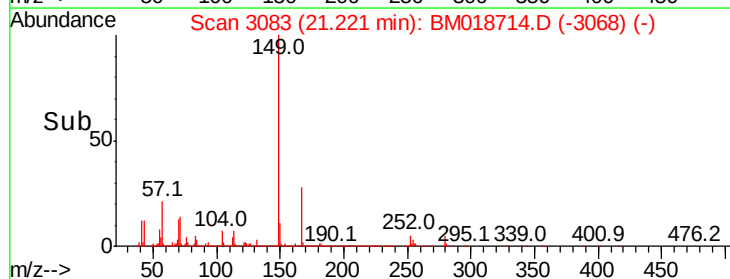
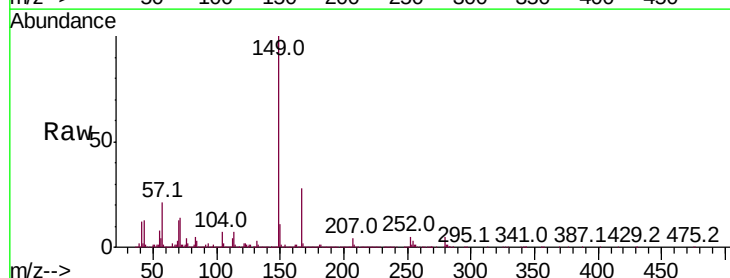
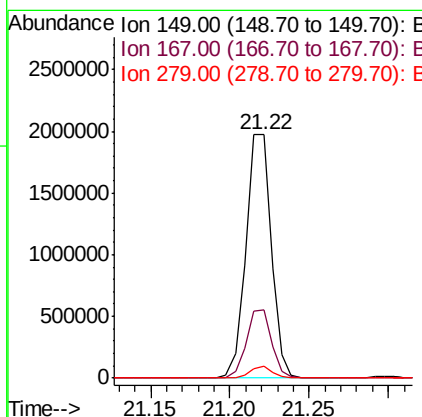
RT: 21.22 min Scan# 3083

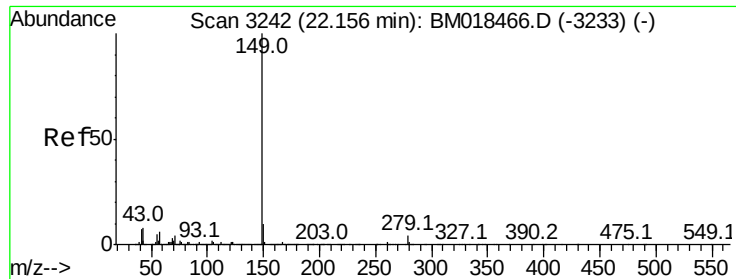
Delta R.T. -0.01 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2188051 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 27.8  | 21.6  | 32.4    |
| 279      | 4.7   | 3.3   | 4.9     |





#85

Di-n-octyl phthalate

Concen: 42.250 ng

RT: 22.10 min Scan# 3233

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

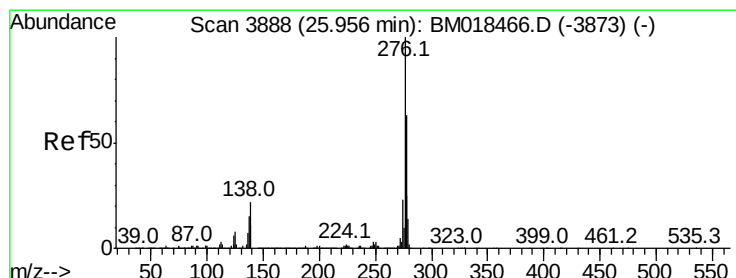
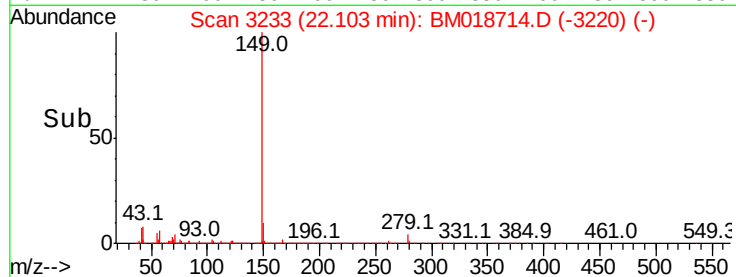
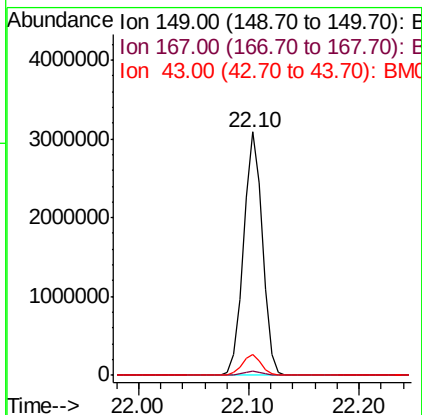
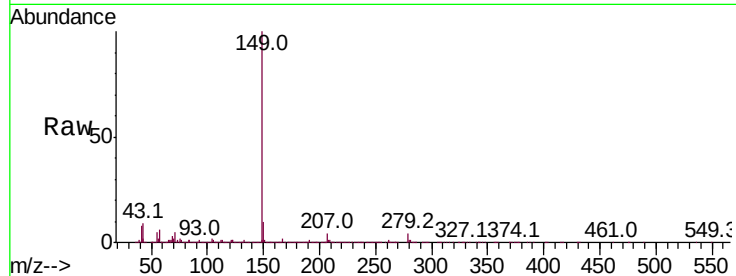
ClientSampleId :

SSTDCCC040EC

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 149   | Resp: | 3697637 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.6   | 1.3   | 1.9     |
| 43        | 8.5   | 8.6   | 12.8#   |

Manual Integrations  
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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.575 ng

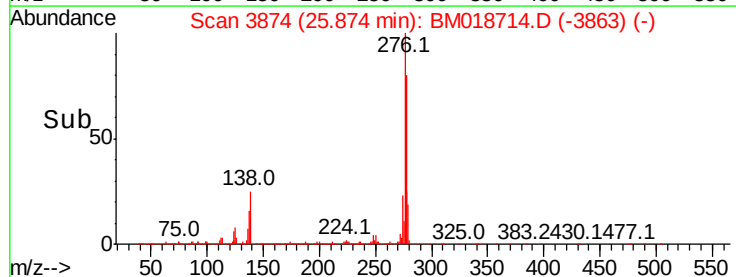
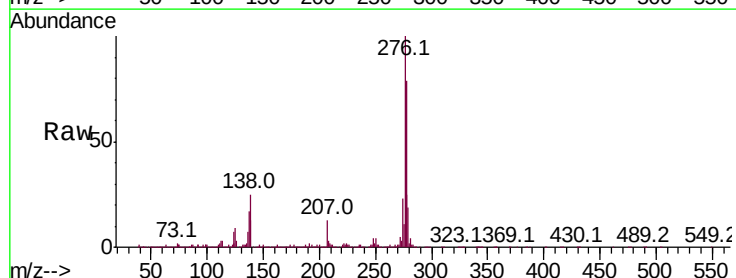
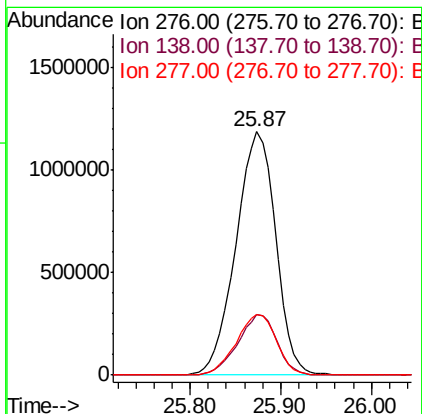
RT: 25.87 min Scan# 3874

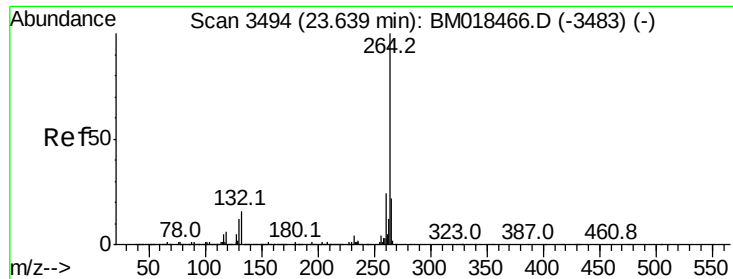
Delta R.T. -0.04 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 3605070 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 24.2  | 21.5  | 32.3    |
| 277       | 25.2  | 20.2  | 30.2    |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. -0.03 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:264 Resp: 1453292

Ion Ratio Lower Upper

264 100

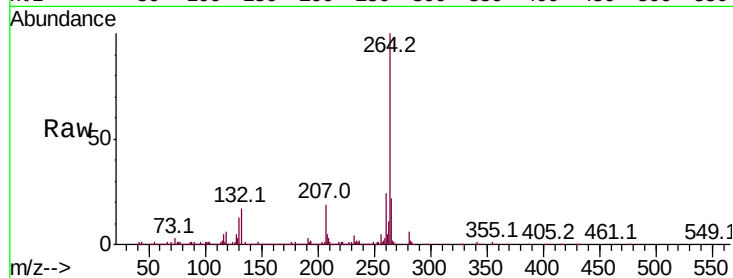
260 23.8 18.9 28.3

265 22.0 16.8 25.2

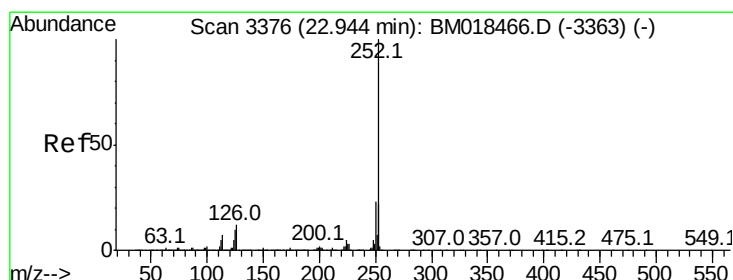
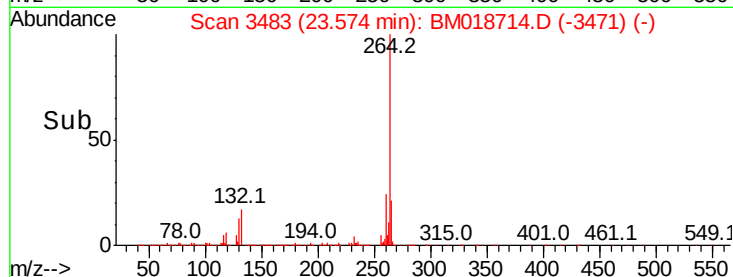
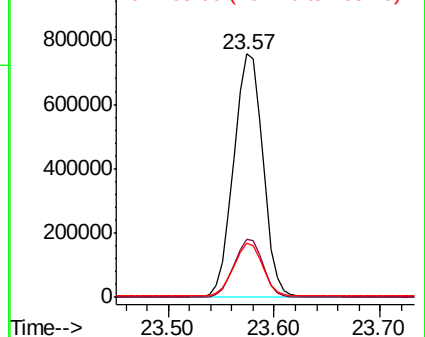
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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.953 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

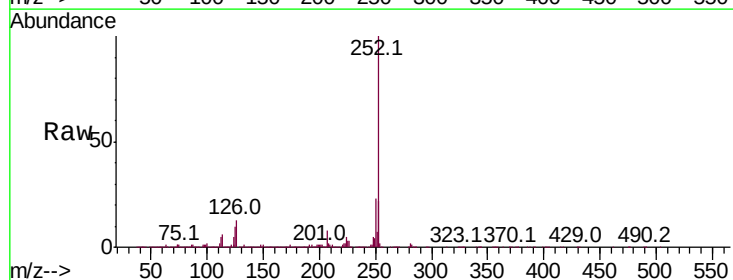
Tgt Ion:252 Resp: 3131365

Ion Ratio Lower Upper

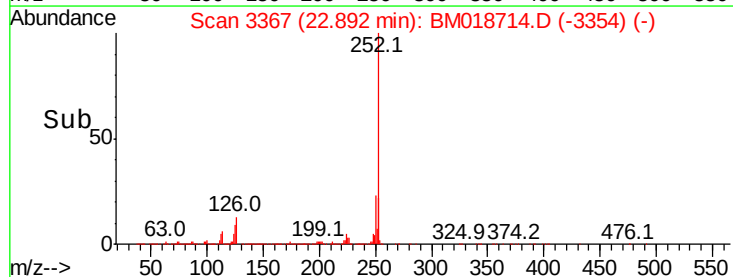
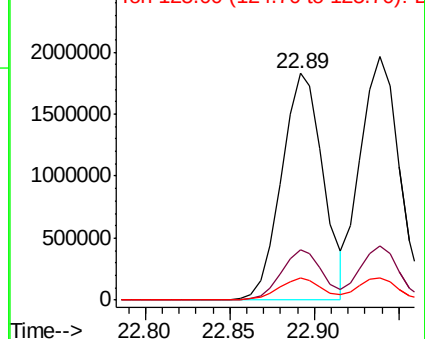
252 100

253 21.9 17.6 26.4

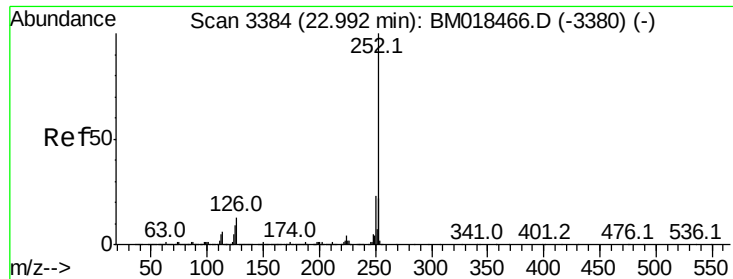
125 9.6 8.5 12.7



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







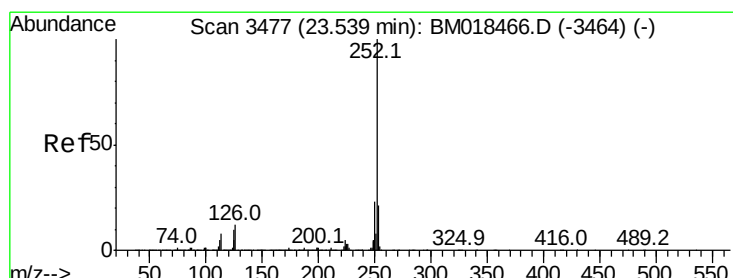
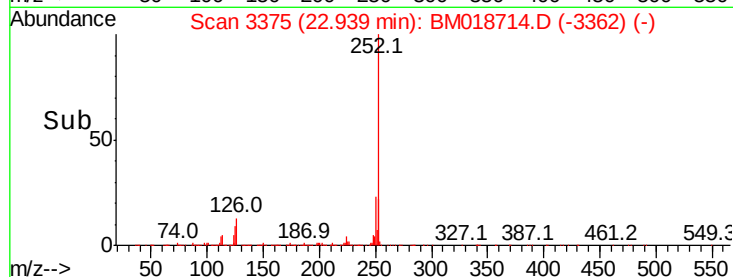
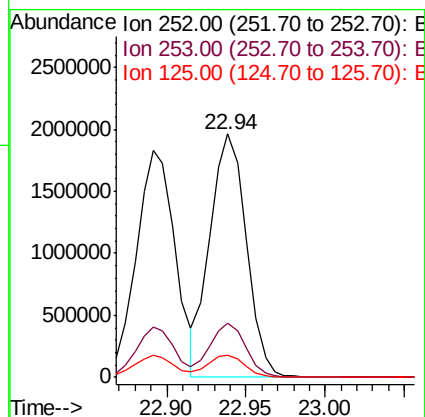
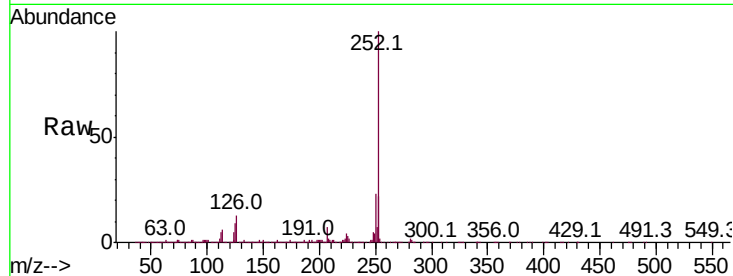
#89  
Benzo(k)fluoranthene  
Concen: 37.697 ng  
RT: 22.94 min Scan# 3375  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.4  | 26.0  |
| 125     | 9.4   | 8.6   | 12.8  |

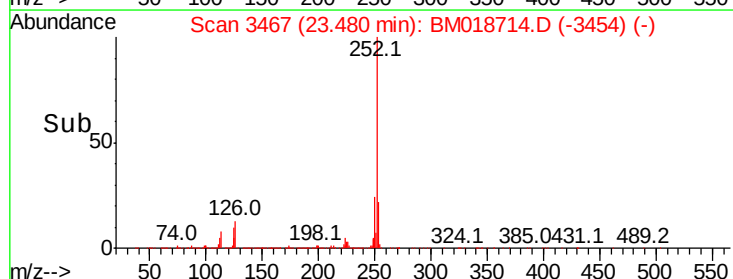
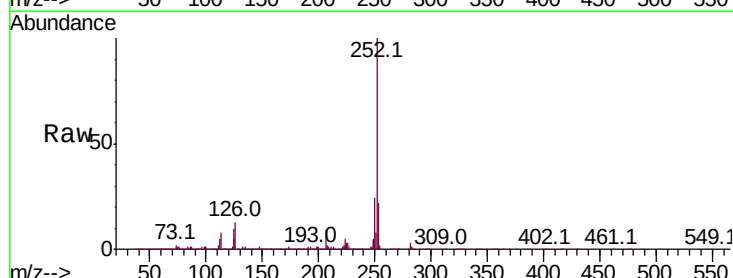
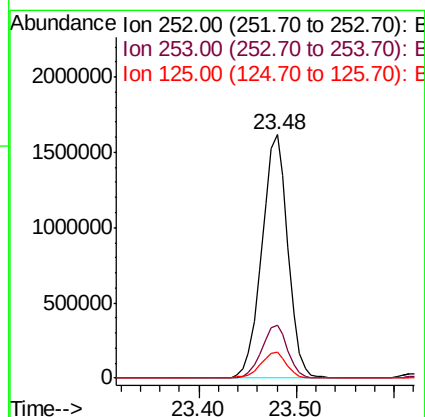
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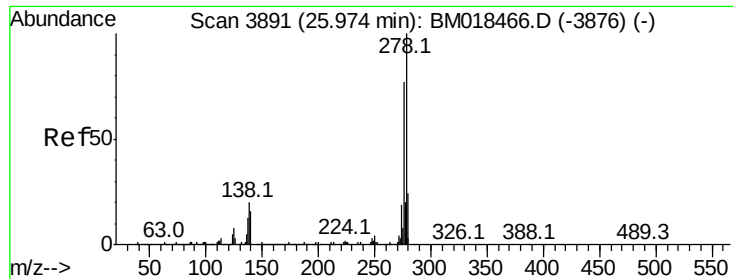
apatel  
2/4/2019 12:44:40 PM



#90  
Benzo(a)pyrene  
Concen: 38.198 ng  
RT: 23.48 min Scan# 3467  
Delta R.T. -0.02 min  
Lab File: BM018714.D  
Acq: 01 Feb 2019 20:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.5  | 26.3  |
| 125     | 10.5  | 9.7   | 14.5  |





#91

Dibenzo(a,h)anthracene

Concen: 38.272 ng

RT: 25.89 min Scan# 3876

Delta R.T. -0.04 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 3063109

Ion Ratio Lower Upper

278 100

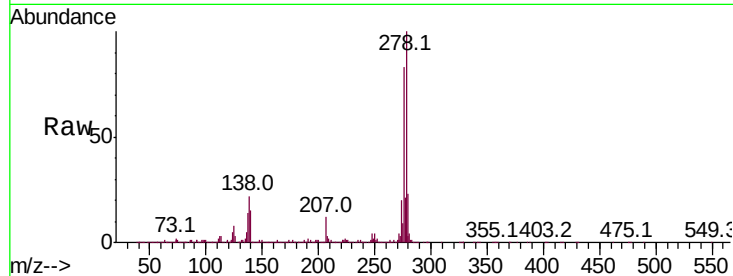
139 15.1 13.2 19.8

279 23.4 19.0 28.4

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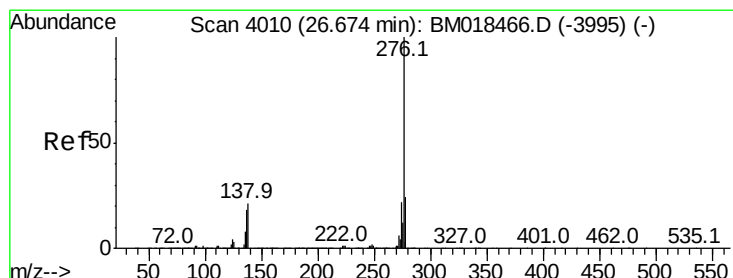
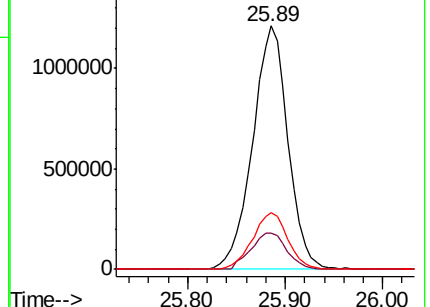
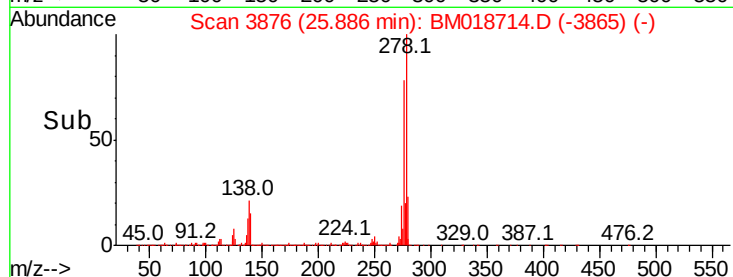
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.601 ng

RT: 26.58 min Scan# 3994

Delta R.T. -0.04 min

Lab File: BM018714.D

Acq: 01 Feb 2019 20:02

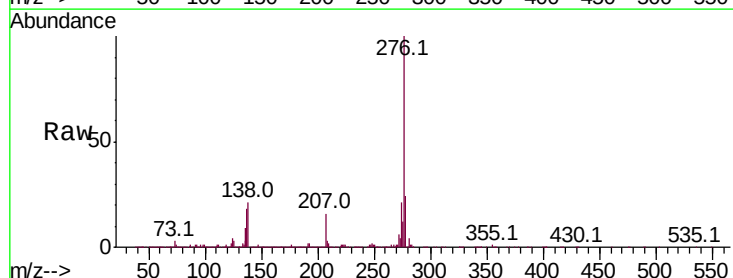
Tgt Ion:276 Resp: 3006436

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 21.4 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

