

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM030519\  
 Data File : BM019061.D  
 Acq On : 06 Mar 2019 07:18  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

Quant Time: Mar 06 07:53:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 03:36:13 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 322152   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 1271909  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.33 | 164  | 699603   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.08 | 188  | 1408629  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.28 | 240  | 1224208  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.52 | 264  | 1325236  | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.27  | 112 | 1775914 | 90.32 | ng | 0.00  |
| 7) Phenol-d6             | 6.86  | 99  | 2412696 | 87.11 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.85  | 82  | 2375376 | 86.35 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 15.83 | 330 | 832951  | 82.60 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 12.94 | 172 | 4579552 | 86.90 | ng | -0.01 |
| 79) Terphenyl-d14        | 19.72 | 244 | 5428270 | 91.47 | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 373683  | 43.636 | ng | 99     |
| 3) Pyridine                    | 3.63  | 79  | 1011022 | 43.282 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.55  | 42  | 286368  | 48.190 | ng | 93     |
| 6) Aniline                     | 7.02  | 93  | 1431991 | 42.195 | ng | 99     |
| 8) 2-Chlorophenol              | 7.24  | 128 | 965263  | 44.715 | ng | 99     |
| 9) Benzaldehyde                | 6.83  | 77  | 693906  | 48.443 | ng | 100    |
| 10) Phenol                     | 6.88  | 94  | 1275400 | 43.762 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 952467  | 42.842 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146 | 1072071 | 44.167 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.71  | 146 | 1084367 | 43.881 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 1033074 | 43.522 | ng | 99     |
| 15) Benzyl Alcohol             | 7.93  | 79  | 932349  | 42.363 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 932370  | 43.331 | ng | 95     |
| 17) 2-Methylphenol             | 8.12  | 107 | 796230  | 42.925 | ng | 95     |
| 18) Hexachloroethane           | 8.73  | 117 | 401232  | 44.479 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 875942  | 40.844 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 1079839 | 42.158 | ng | 99     |
| 22) Acetophenone               | 8.50  | 105 | 1485435 | 42.527 | ng | # 100  |
| 24) Nitrobenzene               | 8.89  | 77  | 1211336 | 42.424 | ng | 97     |
| 25) Isophorone                 | 9.40  | 82  | 1939571 | 44.191 | ng | 99     |
| 26) 2-Nitrophenol              | 9.59  | 139 | 532758  | 46.853 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 732355  | 44.097 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.89  | 93  | 1225261 | 43.170 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 851703  | 44.663 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 960981  | 43.636 | ng | 99     |
| 31) Naphthalene                | 10.51 | 128 | 2710912 | 43.702 | ng | 100    |
| 32) Benzoic acid               | 9.83  | 122 | 567705  | 39.187 | ng | 95     |
| 33) 4-Chloroaniline            | 10.64 | 127 | 1154989 | 41.652 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 546768  | 42.773 | ng | 100    |
| 35) Caprolactam                | 11.47 | 113 | 292883  | 37.633 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 11.77 | 107 | 955300  | 41.550 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 1878522 | 43.012 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.35 | 142 | 1812240 | 42.433 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 980668  | 43.820 | ng | 99     |

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 Acq On : 06 Mar 2019 07:18  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

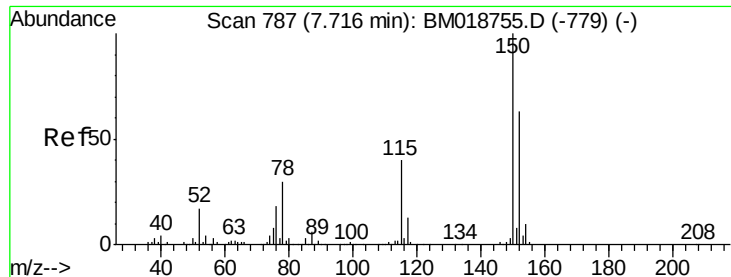
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

Quant Time: Mar 06 07:53:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 03:36:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 368719   | 32.225 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.75 | 196  | 644744   | 43.519 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 667742   | 43.001 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.16 | 154  | 2598533  | 43.150 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.20 | 162  | 1991850  | 42.823 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.43 | 65   | 669187   | 43.319 | ng    | 97       |
| 49) Acenaphthylene             | 14.05 | 152  | 3019361  | 43.595 | ng    | 100      |
| 50) Dimethylphthalate          | 13.80 | 163  | 2358913  | 40.458 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.93 | 165  | 538367   | 42.626 | ng    | 95       |
| 52) Acenaphthene               | 14.39 | 154  | 1781725  | 41.954 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.26 | 138  | 548381   | 38.427 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.47 | 184  | 260487   | 35.924 | ng    | 97       |
| 55) Dibenzofuran               | 14.73 | 168  | 2877598  | 41.225 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.57 | 139  | 419755   | 36.847 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 14.72 | 165  | 724017   | 41.606 | ng    | 98       |
| 58) Fluorene                   | 15.38 | 166  | 2234782  | 41.849 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 546843   | 39.841 | ng    | 98       |
| 60) Diethylphthalate           | 15.16 | 149  | 2372446  | 39.446 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 1176993  | 39.311 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.43 | 138  | 536776   | 38.367 | ng    | 96       |
| 63) Azobenzene                 | 15.67 | 77   | 2597099  | 40.273 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.48 | 198  | 382875   | 38.713 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.60 | 169  | 2004277  | 45.036 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.27 | 248  | 695571   | 44.115 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.37 | 284  | 798745   | 43.583 | ng    | 97       |
| 69) Atrazine                   | 16.56 | 200  | 587402   | 40.941 | ng    | 100      |
| 70) Pentachlorophenol          | 16.73 | 266  | 465175   | 39.420 | ng    | 100      |
| 71) Phenanthrene               | 17.13 | 178  | 3217507  | 42.502 | ng    | 100      |
| 72) Anthracene                 | 17.22 | 178  | 3179898  | 43.157 | ng    | 99       |
| 73) Carbazole                  | 17.50 | 167  | 3079401  | 40.002 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.04 | 149  | 3777599  | 42.669 | ng    | 99       |
| 75) Fluoranthene               | 19.15 | 202  | 3288276  | 37.604 | ng    | 99       |
| 77) Benzidine                  | 19.35 | 184  | 1515753  | 54.977 | ng    | 100      |
| 78) Pyrene                     | 19.52 | 202  | 3343803  | 47.029 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.42 | 149  | 1536585  | 47.420 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.26 | 228  | 3025234  | 42.393 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 1238697  | 43.921 | ng    | 99       |
| 83) Chrysene                   | 21.32 | 228  | 2916896  | 42.645 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 2168005  | 45.713 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.06 | 149  | 3476756  | 43.618 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.80 | 276  | 4107663  | 52.016 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.84 | 252  | 3126226  | 41.231 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.89 | 252  | 3146386  | 41.682 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.43 | 252  | 3070329  | 42.746 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.81 | 278  | 3462122  | 48.651 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.50 | 276  | 3334552  | 50.332 | ng    | 99       |

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



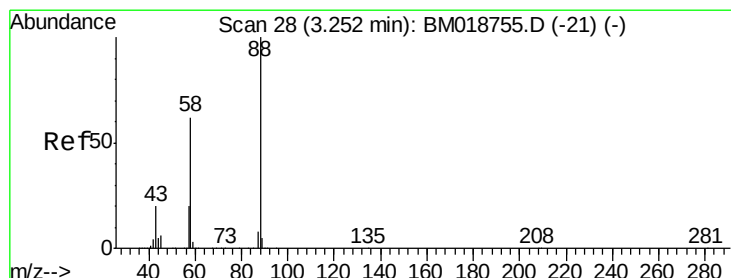
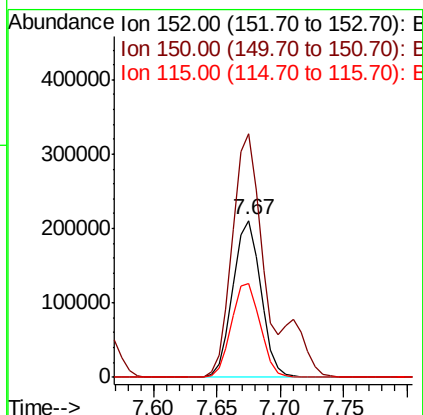
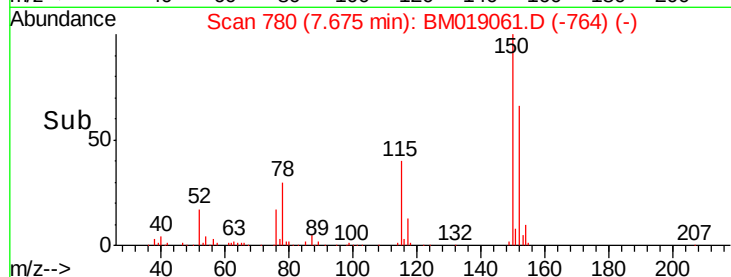
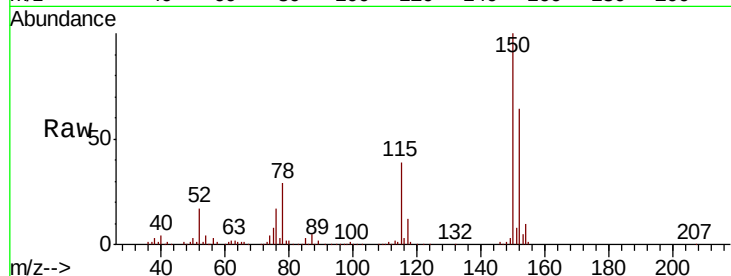


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

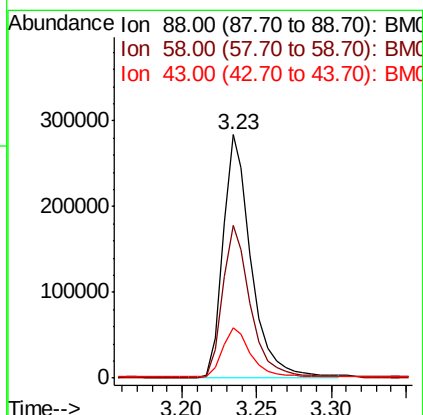
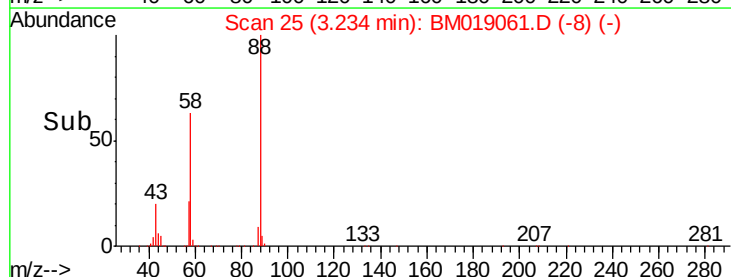
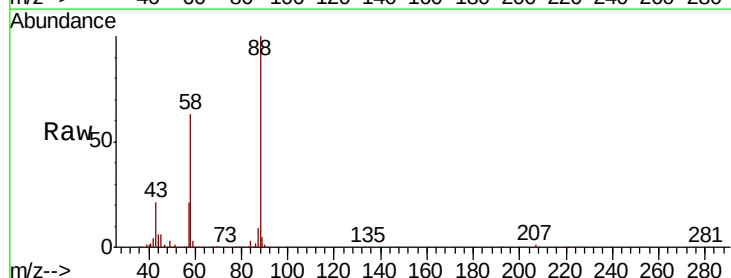
Tgt Ion: 152 Resp: 322152  
Ion Ratio Lower Upper  
152 100  
150 155.1 127.3 190.9  
115 60.1 50.8 76.2

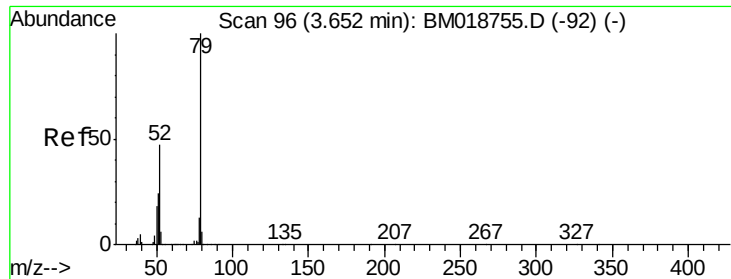


#2

1,4-Dioxane  
Concen: 43.636 ng  
RT: 3.23 min Scan# 25  
Delta R.T. -0.00 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion: 88 Resp: 373683  
Ion Ratio Lower Upper  
88 100  
58 62.6 49.8 74.6  
43 20.5 16.7 25.1





#3

Pyridine

Concen: 43.282 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

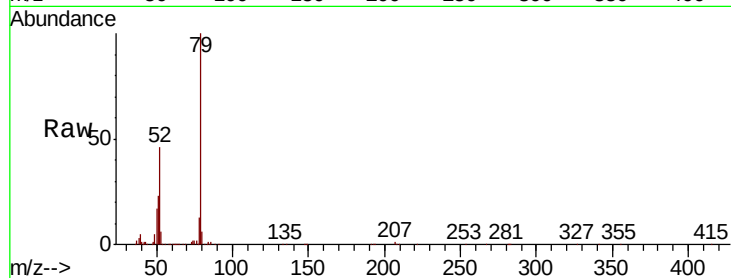
Tgt Ion: 79 Resp: 1011022

Ion Ratio Lower Upper

79 100

52 46.4 37.6 56.4

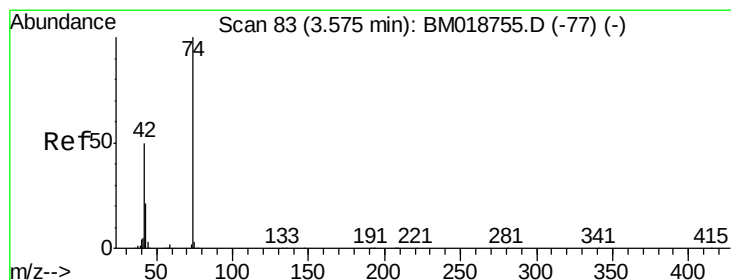
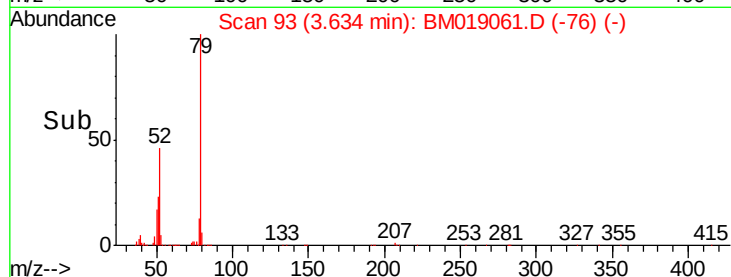
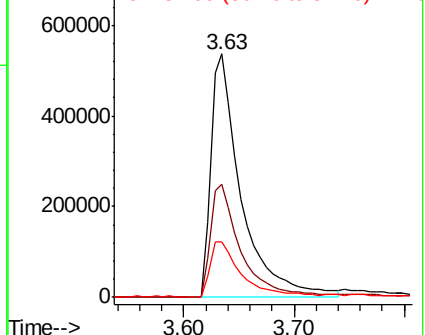
51 22.9 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 48.190 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

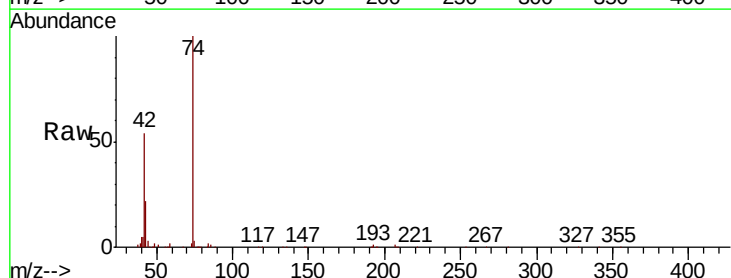
Tgt Ion: 42 Resp: 286368

Ion Ratio Lower Upper

42 100

74 186.1 158.1 237.1

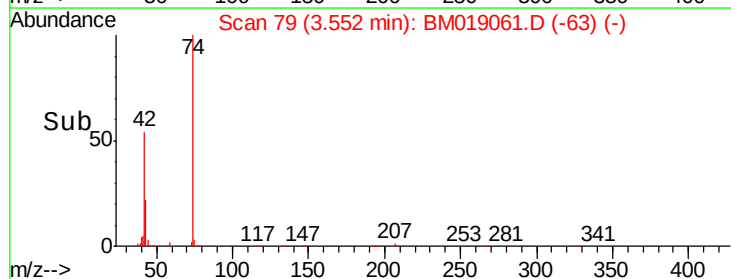
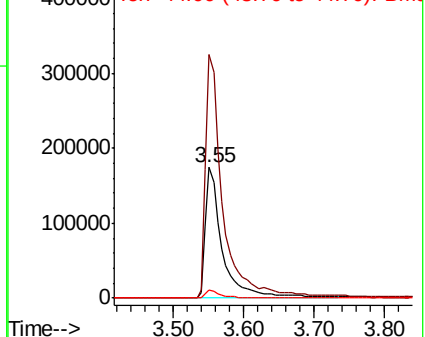
44 5.7 4.9 7.3

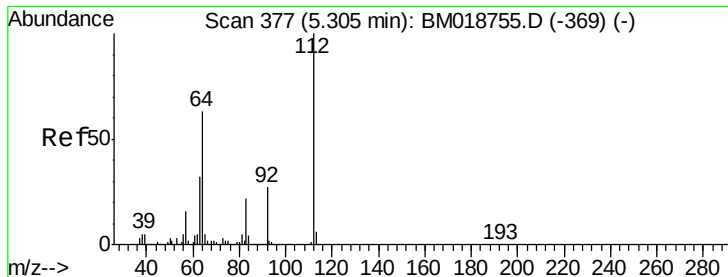


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 90.323 ng

RT: 5.27 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

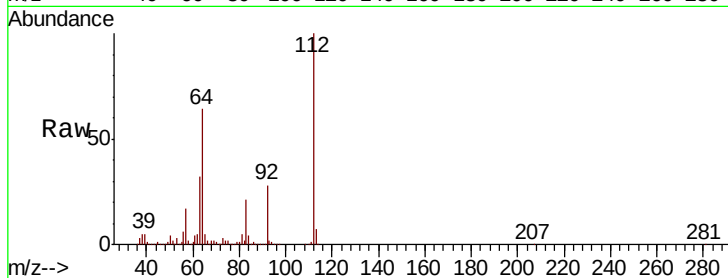
Tgt Ion: 112 Resp: 1775914

Ion Ratio Lower Upper

112 100

64 64.0 50.6 75.8

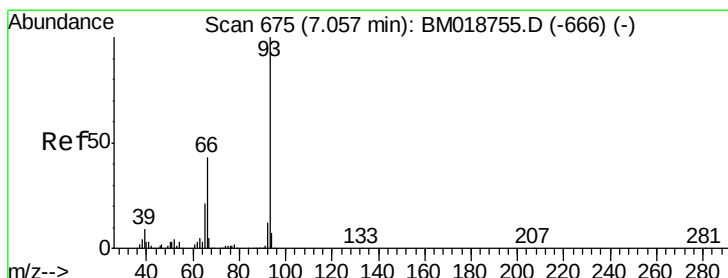
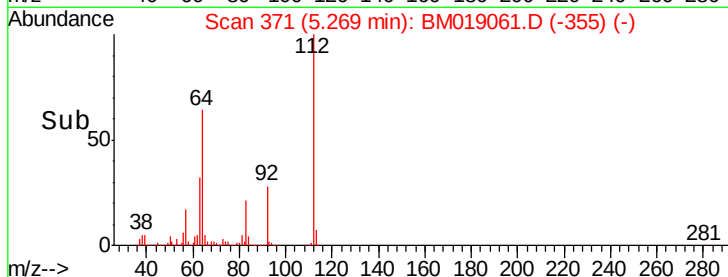
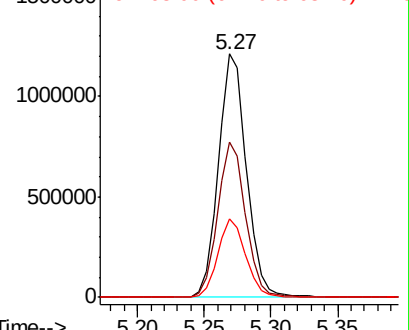
63 32.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.195 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

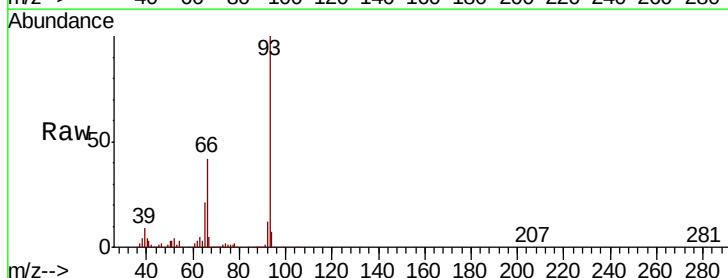
Tgt Ion: 93 Resp: 1431991

Ion Ratio Lower Upper

93 100

66 41.6 34.1 51.1

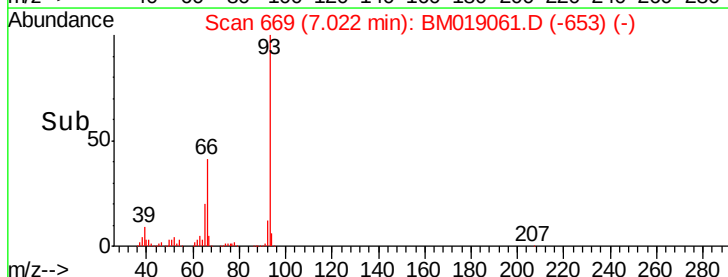
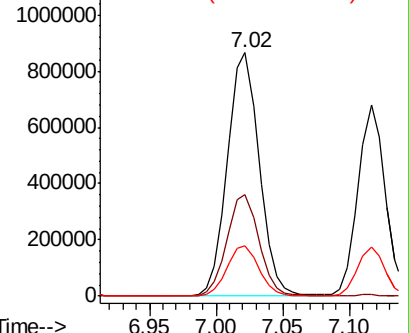
65 20.6 16.6 24.8

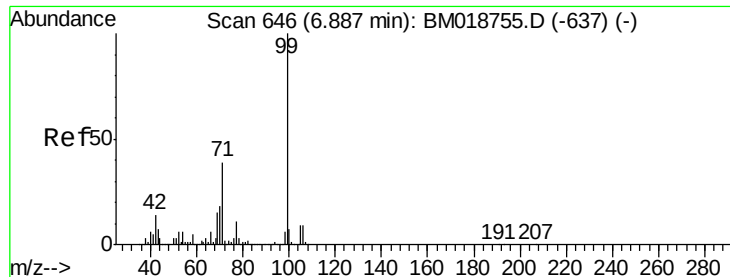


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 87.106 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

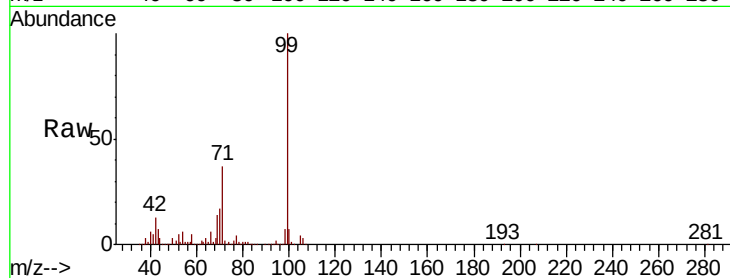
Tgt Ion: 99 Resp: 2412696

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.6

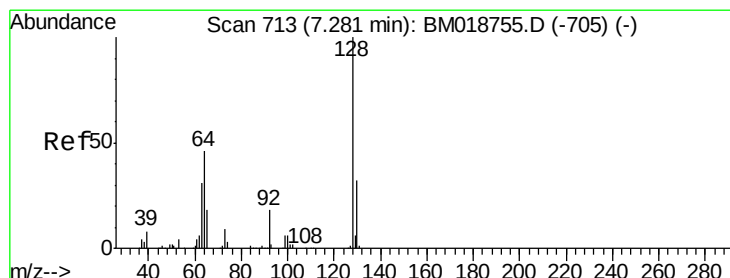
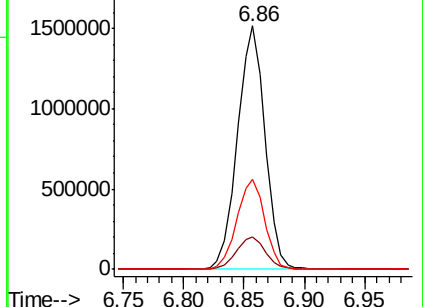
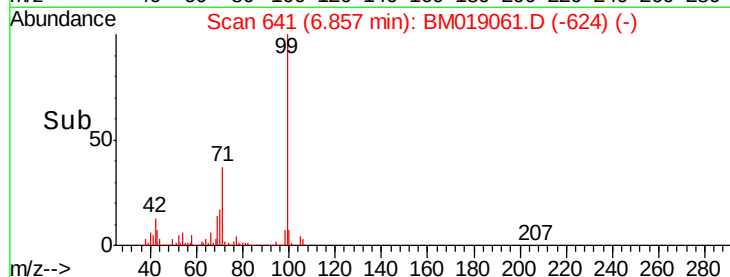
71 36.8 31.3 46.9



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

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

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



#8

2-Chlorophenol

Concen: 44.715 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

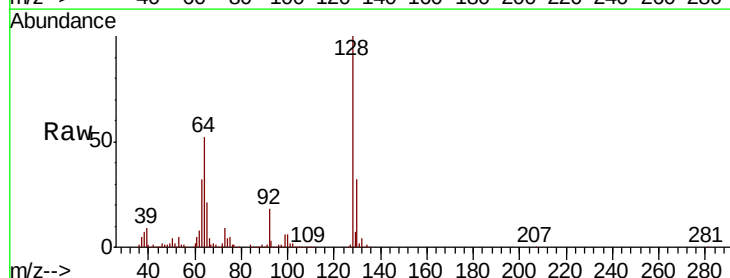
Tgt Ion: 128 Resp: 965263

Ion Ratio Lower Upper

128 100

130 31.7 11.7 51.7

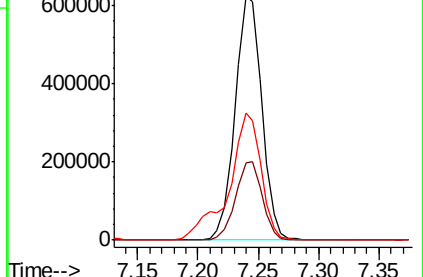
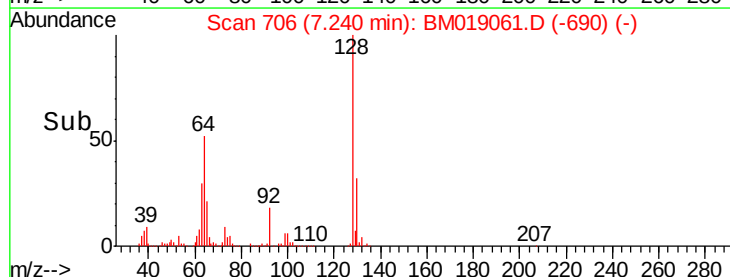
64 52.5 31.0 71.0



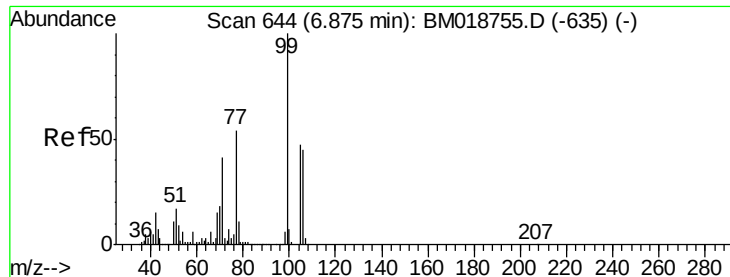
Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

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

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







#9

Benzaldehyde

Concen: 48.443 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

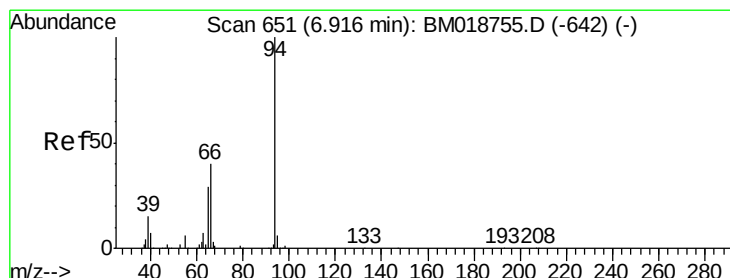
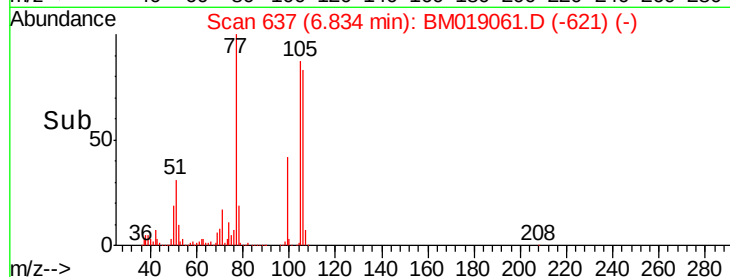
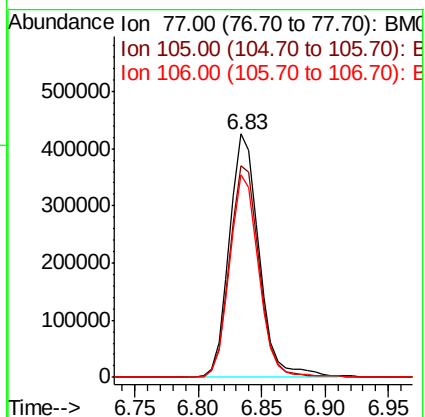
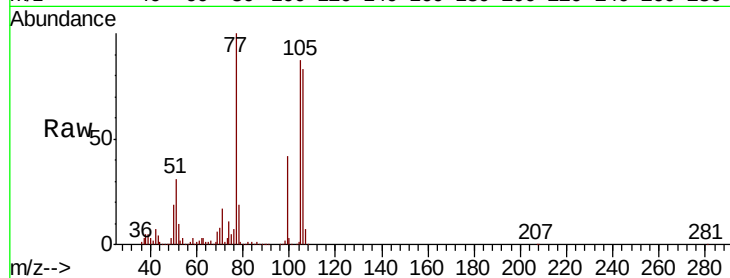
Tgt Ion: 77 Resp: 693906

Ion Ratio Lower Upper

77 100

105 87.0 67.3 107.3

106 83.5 62.9 102.9



#10

Phenol

Concen: 43.762 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

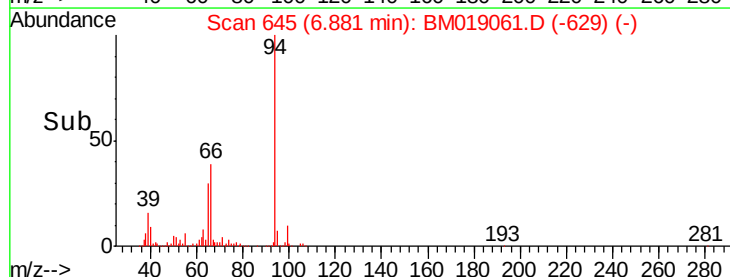
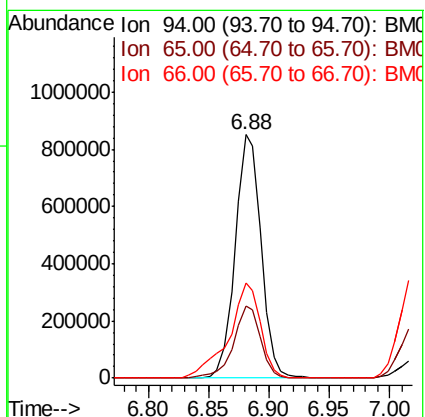
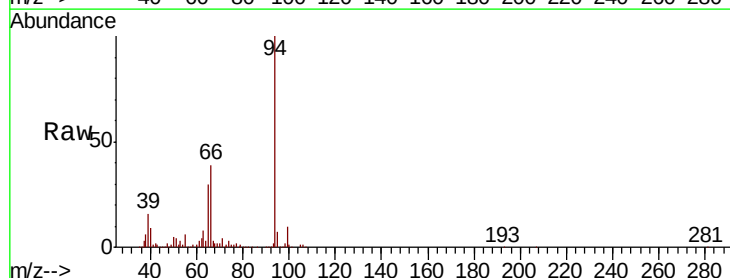
Tgt Ion: 94 Resp: 1275400

Ion Ratio Lower Upper

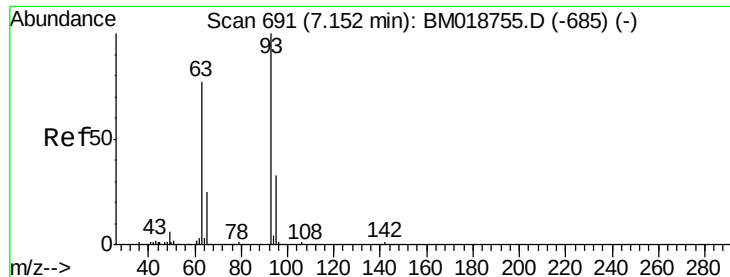
94 100

65 29.8 9.6 49.6

66 38.9 20.4 60.4



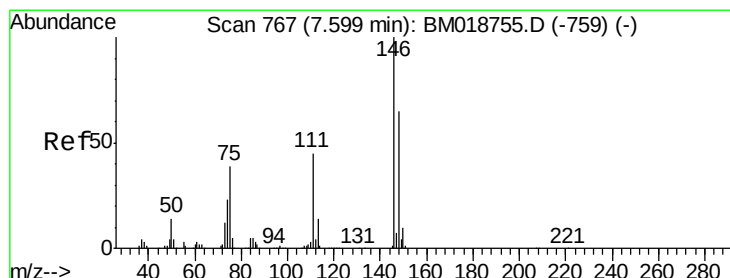
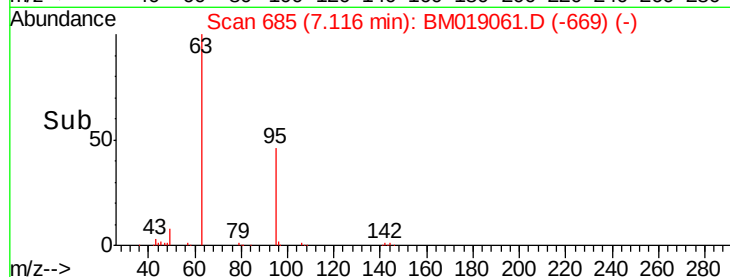
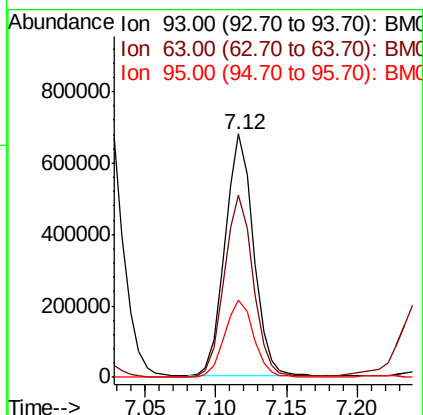
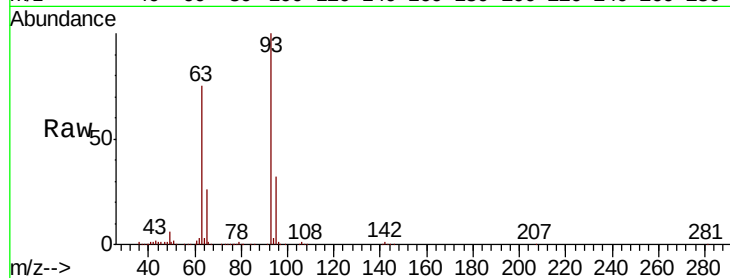




#11  
bis(2-Chloroethyl)ether  
Concen: 42.842 ng  
RT: 7.12 min Scan# 685  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

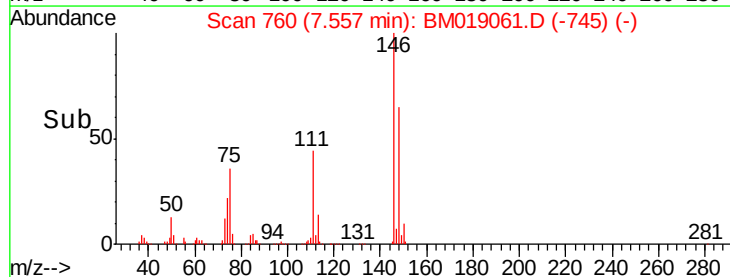
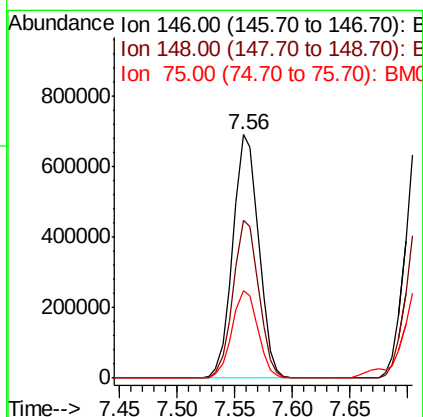
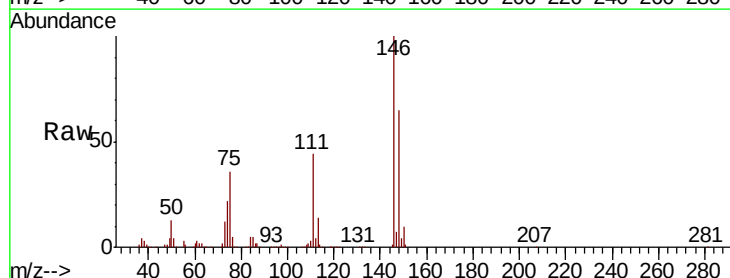
Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

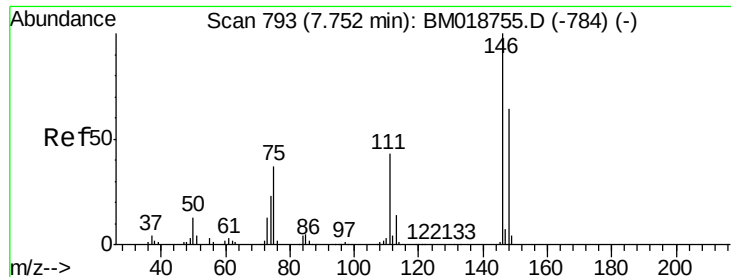
Tgt Ion: 93 Resp: 952467  
Ion Ratio Lower Upper  
93 100  
63 75.0 57.0 97.0  
95 31.7 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 44.167 ng  
RT: 7.56 min Scan# 760  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion: 146 Resp: 1072071  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.7 77.5  
75 36.2 31.3 46.9

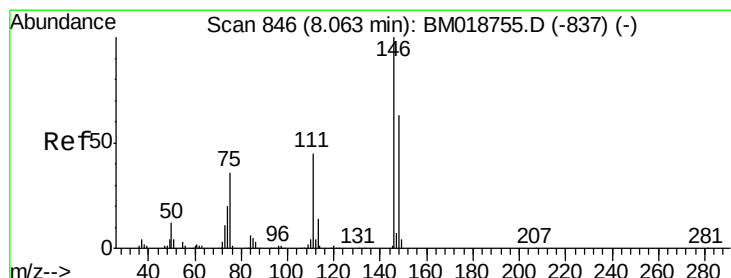
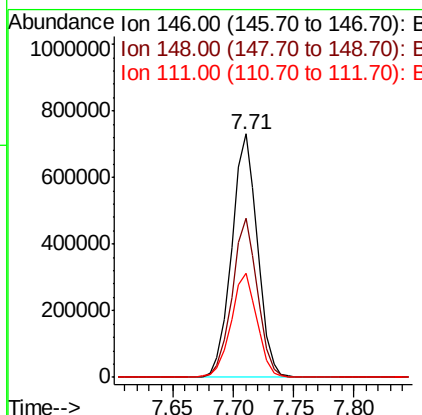
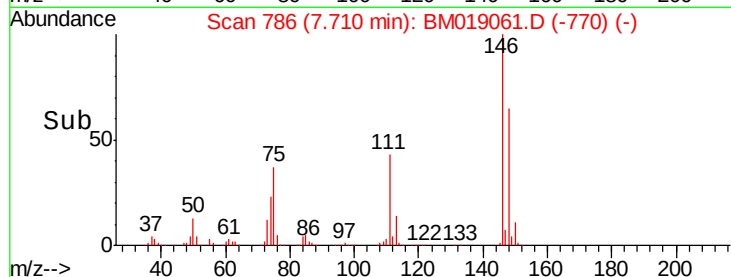
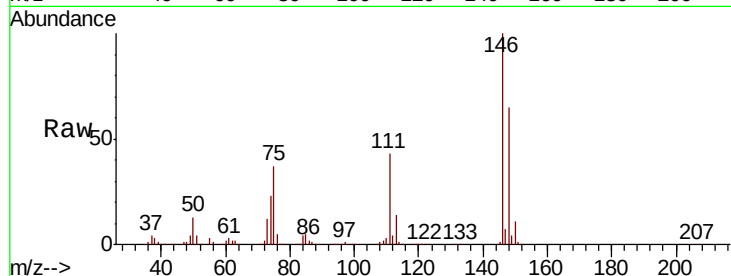




#13  
 1,4-Dichlorobenzene  
 Concen: 43.881 ng  
 RT: 7.71 min Scan# 786  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

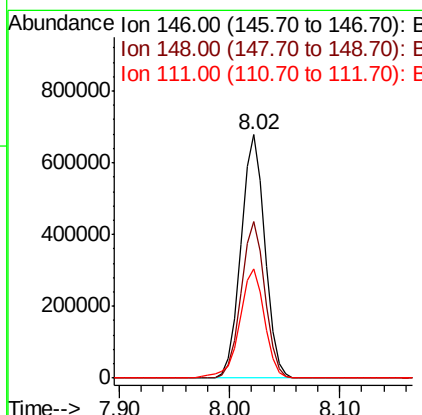
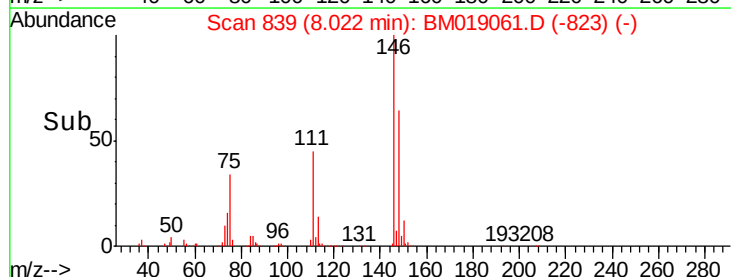
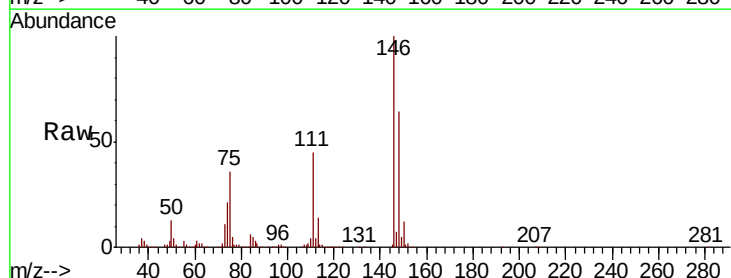
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

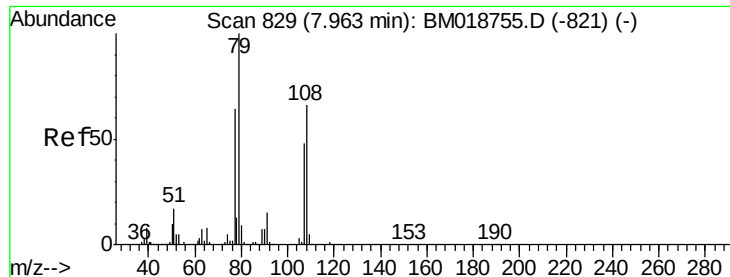
Tgt Ion:146 Resp: 1084367  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 51.4 77.2  
 111 42.9 34.6 52.0



#14  
 1,2-Dichlorobenzene  
 Concen: 43.522 ng  
 RT: 8.02 min Scan# 839  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

Tgt Ion:146 Resp: 1033074  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 50.7 76.1  
 111 44.6 35.9 53.9





#15

Benzyl Alcohol

Concen: 42.363 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

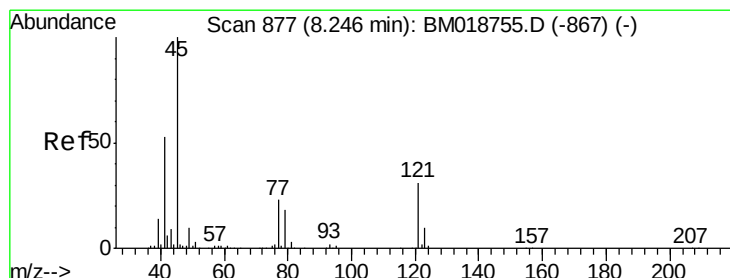
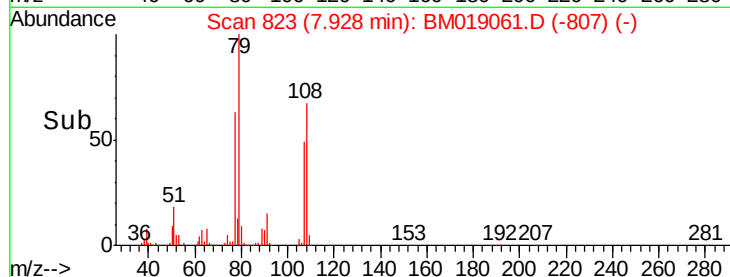
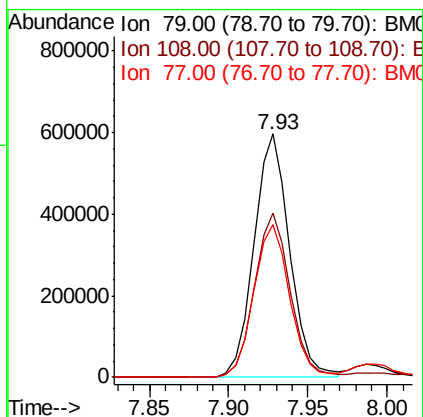
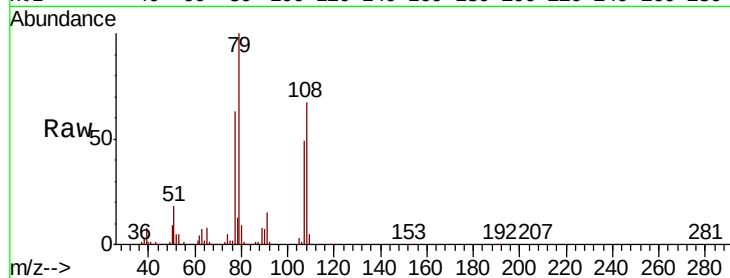
Tgt Ion: 79 Resp: 932349

Ion Ratio Lower Upper

79 100

108 67.3 52.7 79.1

77 62.9 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.331 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

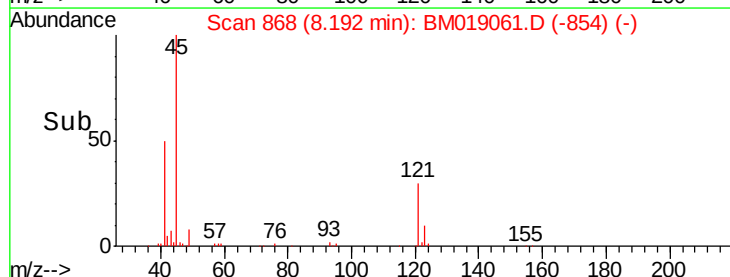
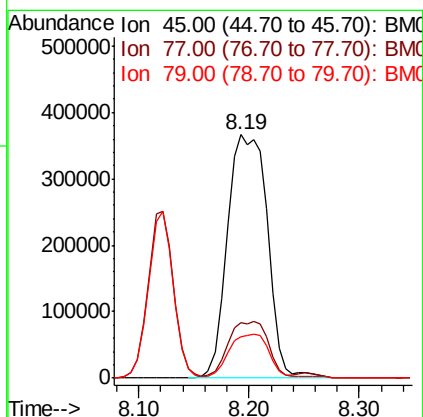
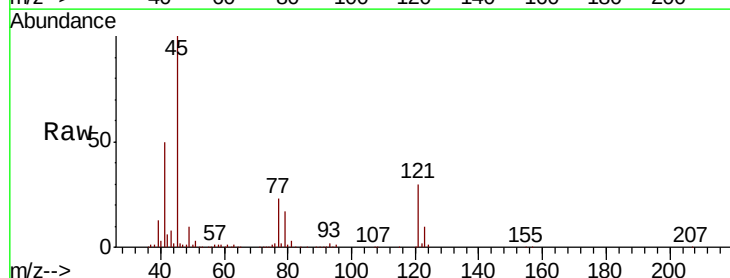
Tgt Ion: 45 Resp: 932370

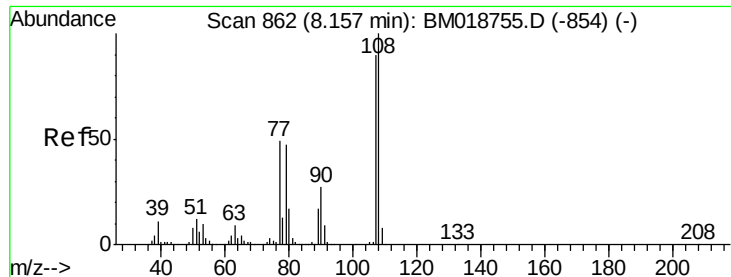
Ion Ratio Lower Upper

45 100

77 22.7 5.0 45.0

79 17.2 0.0 39.3

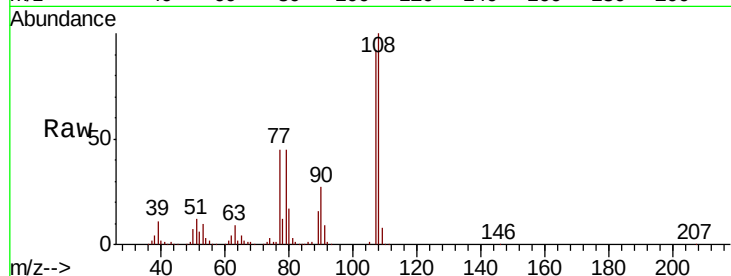




#17  
2-Methylphenol  
Concen: 42.925 ng  
RT: 8.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 108.1 | 88.8  | 133.2 |
| 77      | 48.9  | 44.0  | 66.0  |
| 79      | 48.9  | 42.4  | 63.6  |



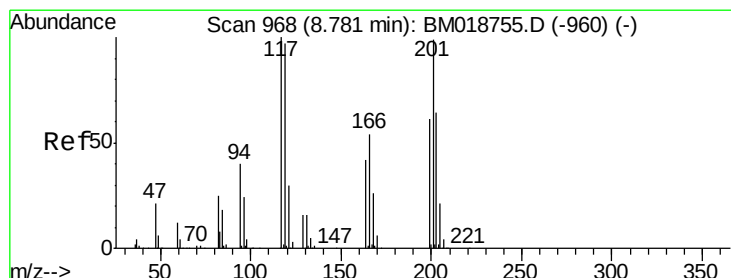
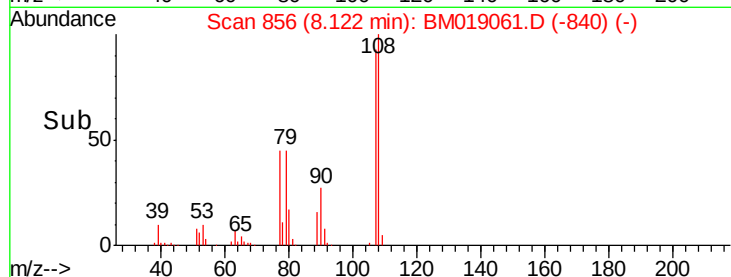
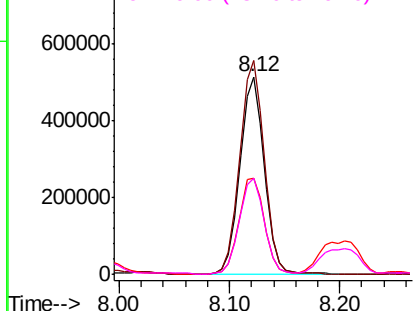
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

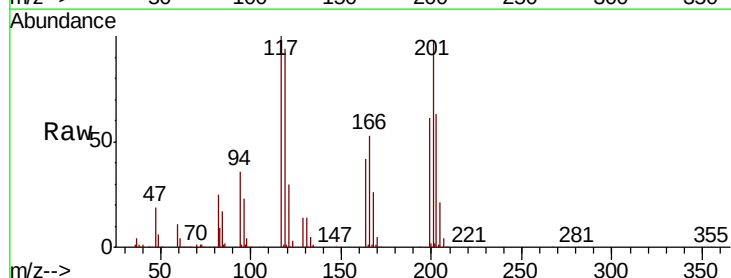
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 44.479 ng  
RT: 8.73 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.2  | 77.9  | 116.9 |
| 201     | 98.3  | 79.2  | 118.8 |

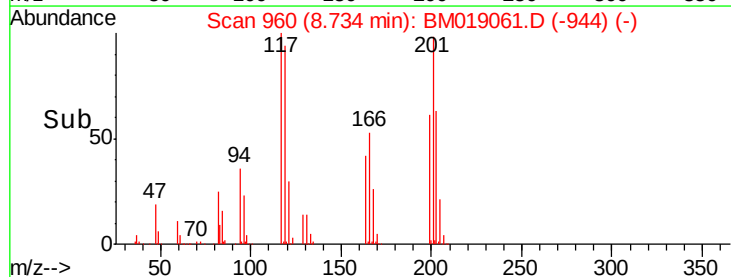
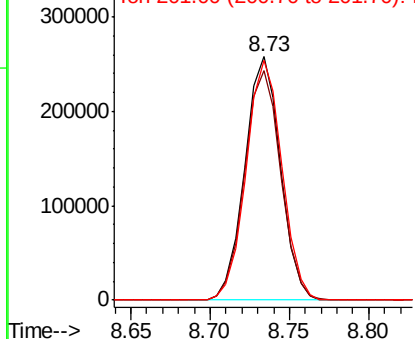


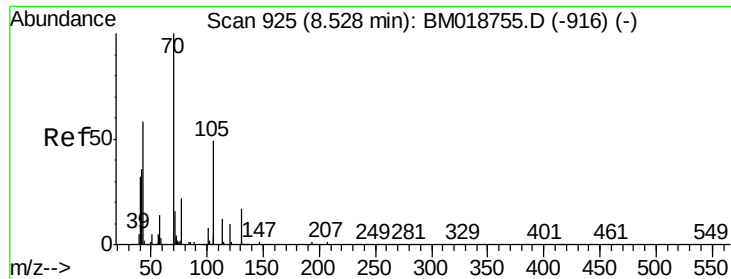
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

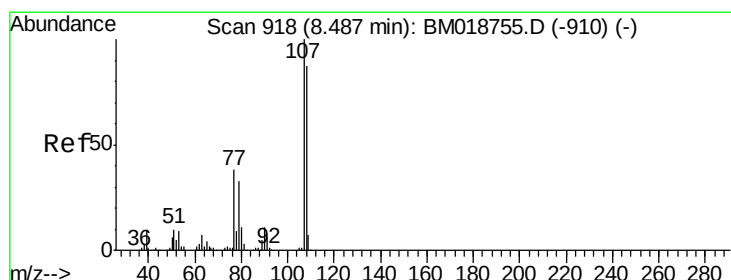
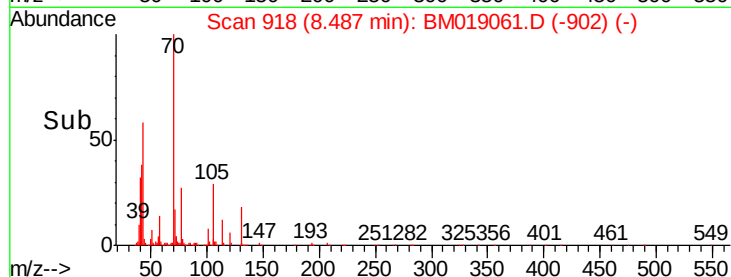
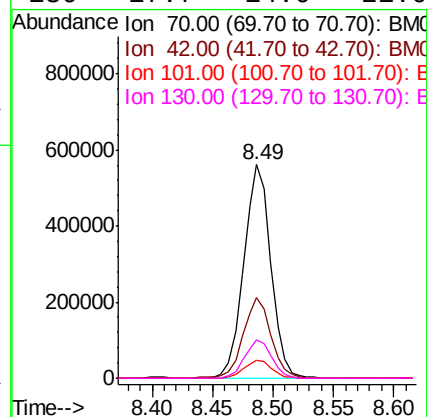
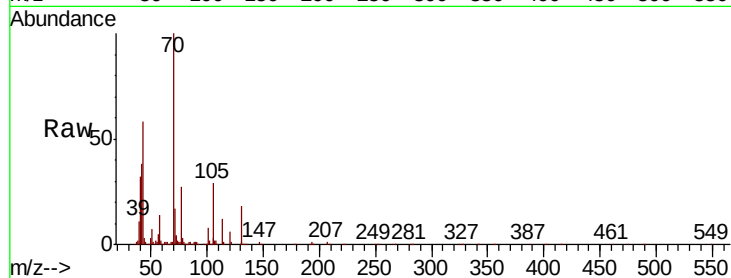




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.844 ng  
RT: 8.49 min Scan# 918  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

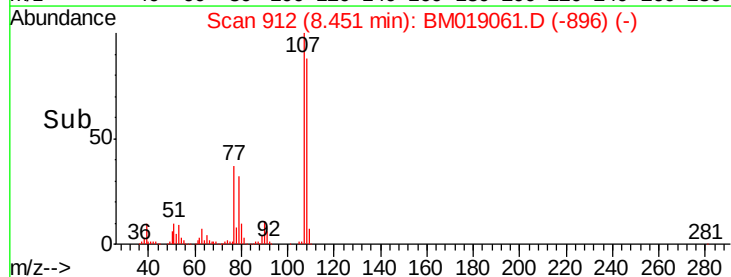
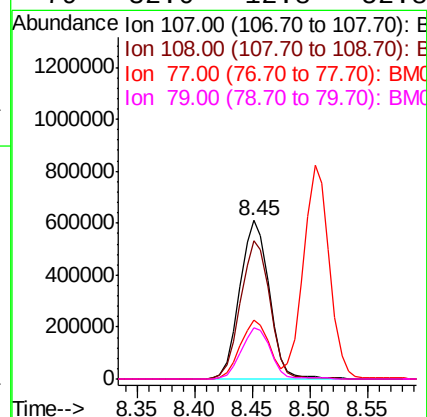
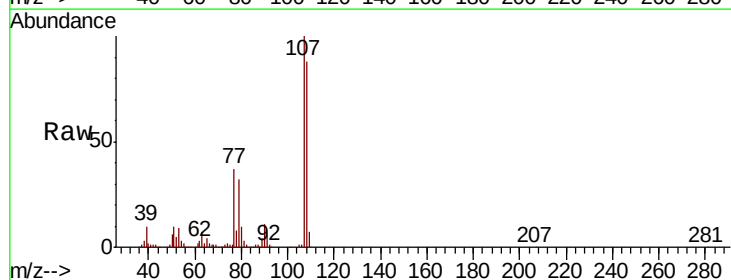
Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

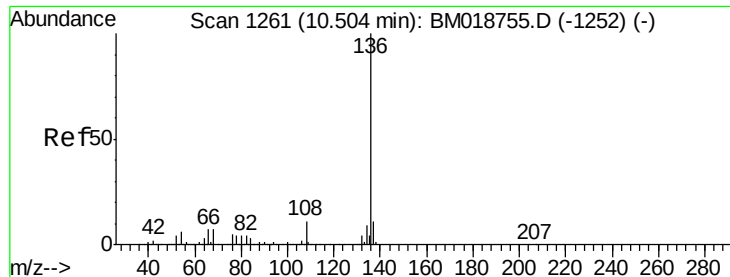
Tgt Ion: 70 Resp: 875942  
Ion Ratio Lower Upper  
70 100  
42 37.6 29.4 44.0  
101 8.5 6.7 10.1  
130 17.7 14.0 21.0



#20  
3+4-Methylphenols  
Concen: 42.158 ng  
RT: 8.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion: 107 Resp: 1079839  
Ion Ratio Lower Upper  
107 100  
108 87.6 67.3 107.3  
77 36.8 18.0 58.0  
79 32.0 12.8 52.8

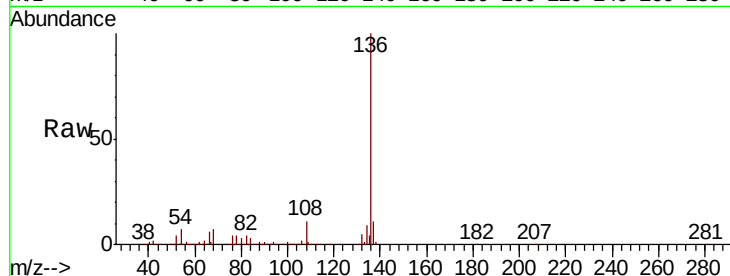




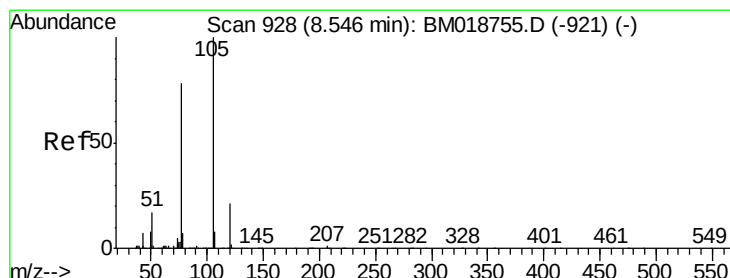
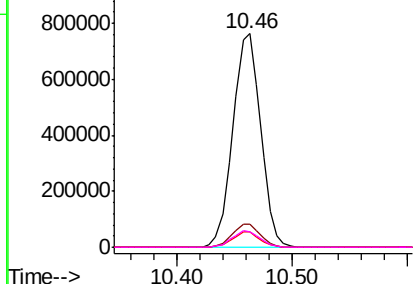
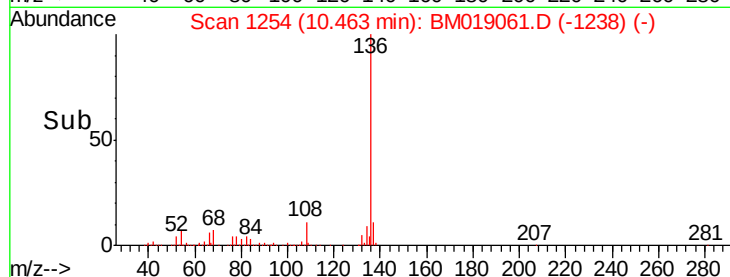
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.46 min Scan# 1254  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

Tgt Ion:136 Resp: 1271909  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 6.9 5.0 7.6  
68 7.3 5.5 8.3

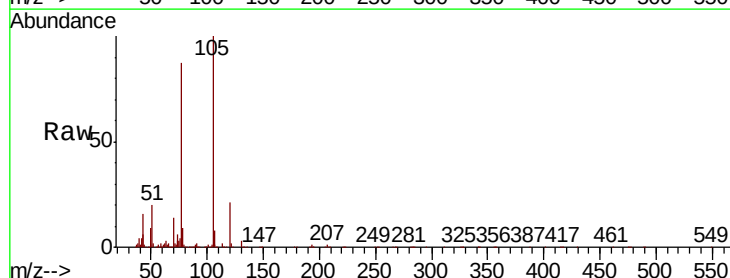


Abundance Ion 136.00 (135.70 to 136.70): E  
1200000  
Ion 137.00 (136.70 to 137.70): E  
1000000  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

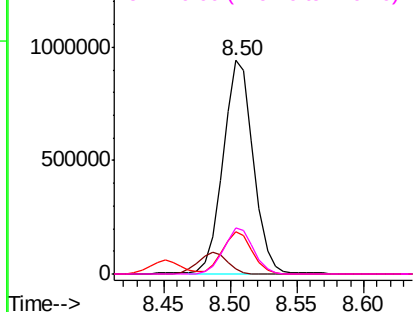
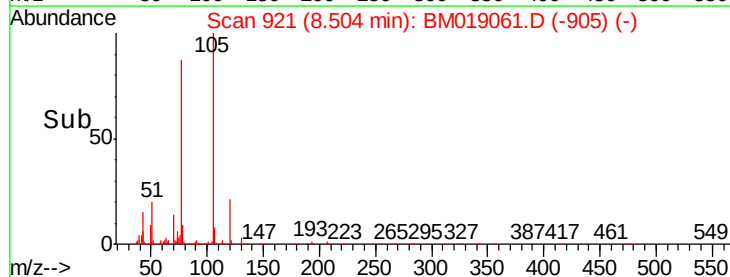


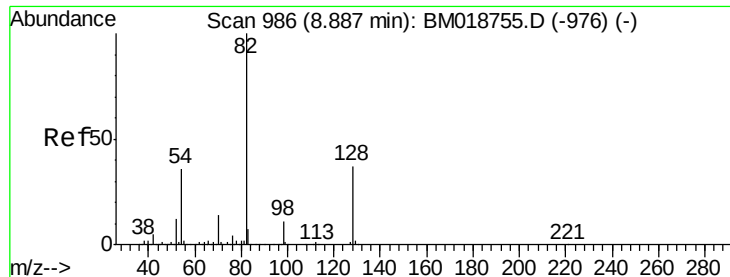
#22  
Acetophenone  
Concen: 42.527 ng  
RT: 8.50 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion:105 Resp: 1485435  
Ion Ratio Lower Upper  
105 100  
71 2.4 1.1 1.7#  
51 19.7 15.5 23.3  
120 21.3 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E  
1500000  
Ion 71.00 (70.70 to 71.70): BM  
Ion 51.00 (50.70 to 51.70): BM  
Ion 120.00 (119.70 to 120.70): E

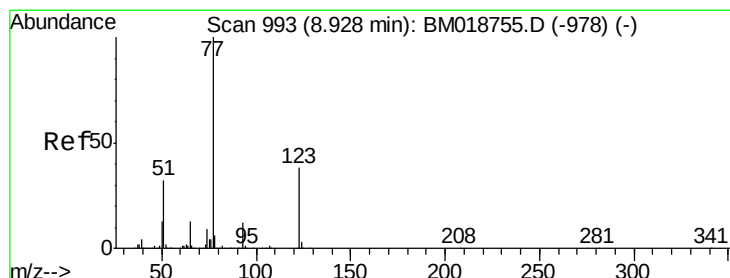
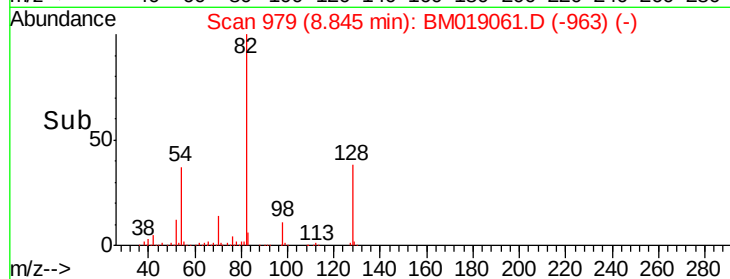
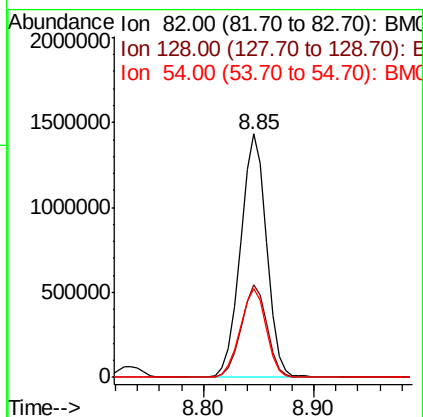
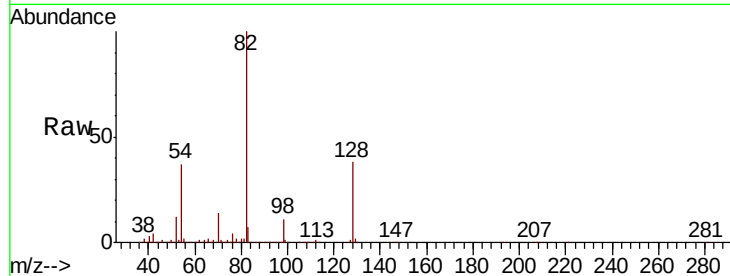




#23  
 Nitrobenzene-d5  
 Concen: 86.354 ng  
 RT: 8.85 min Scan# 979  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

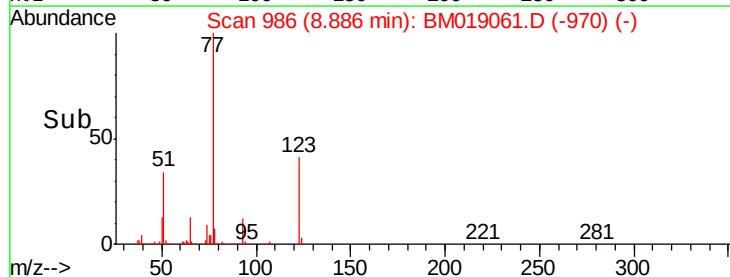
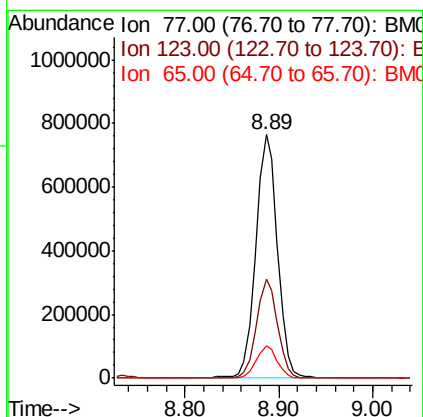
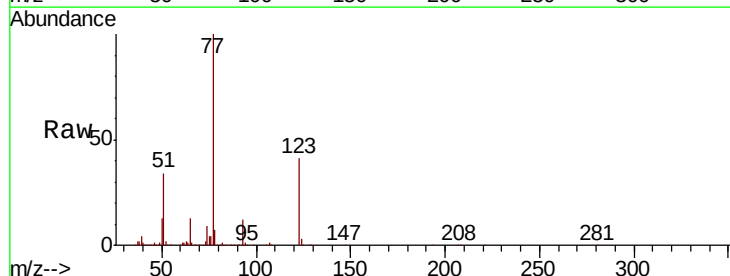
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

Tgt Ion: 82 Resp: 2375376  
 Ion Ratio Lower Upper  
 82 100  
 128 38.0 29.9 44.9  
 54 36.6 29.1 43.7

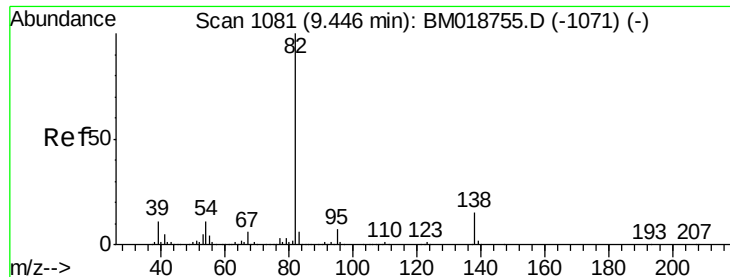


#24  
 Nitrobenzene  
 Concen: 42.424 ng  
 RT: 8.89 min Scan# 986  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

Tgt Ion: 77 Resp: 1211336  
 Ion Ratio Lower Upper  
 77 100  
 123 40.5 30.7 46.1  
 65 13.3 10.5 15.7







#25

Isophorone

Concen: 44.191 ng

RT: 9.40 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

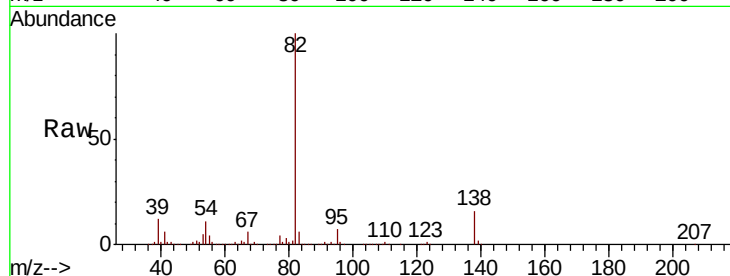
Tgt Ion: 82 Resp: 1939571

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

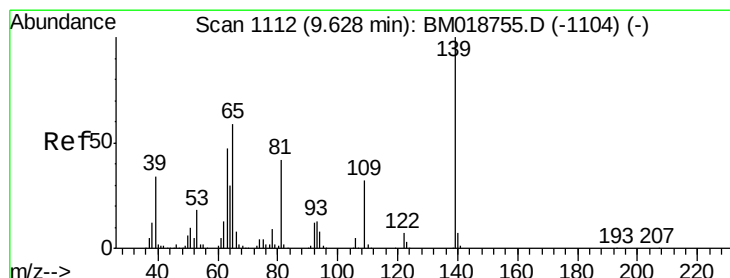
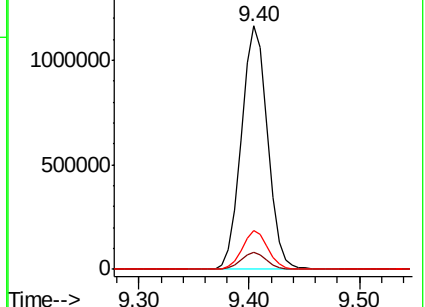
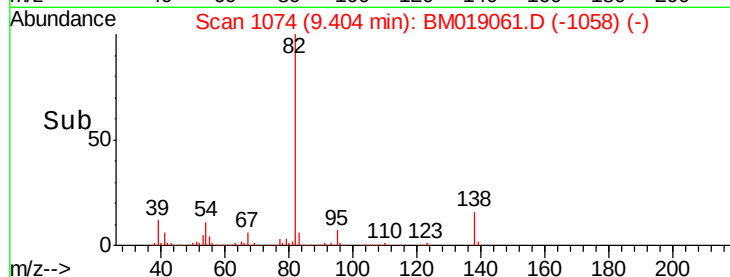
138 15.8 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 46.853 ng

RT: 9.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

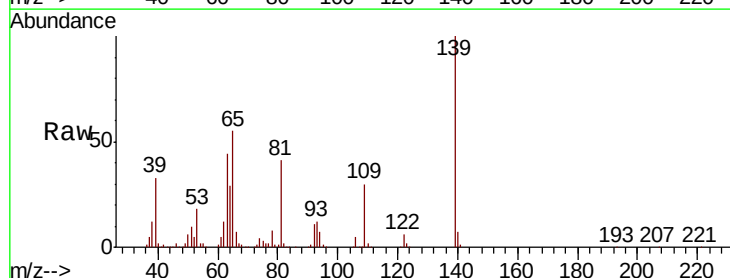
Tgt Ion: 139 Resp: 532758

Ion Ratio Lower Upper

139 100

109 29.8 25.2 37.8

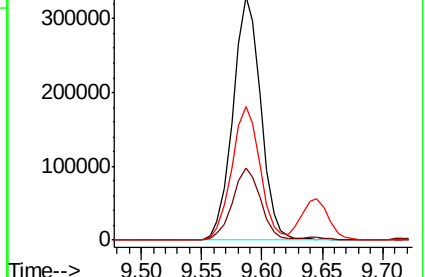
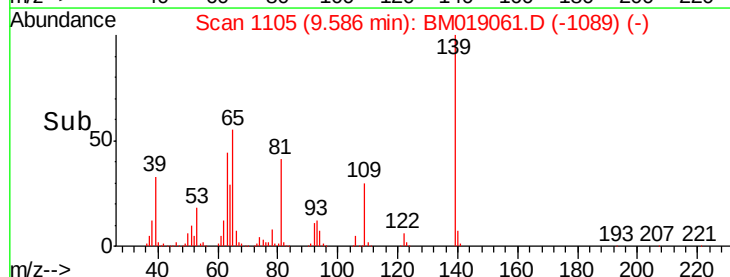
65 55.0 47.0 70.4

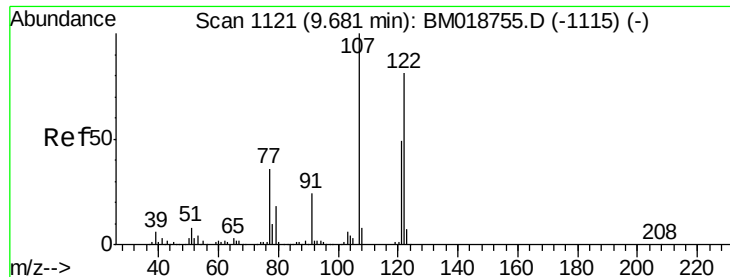


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

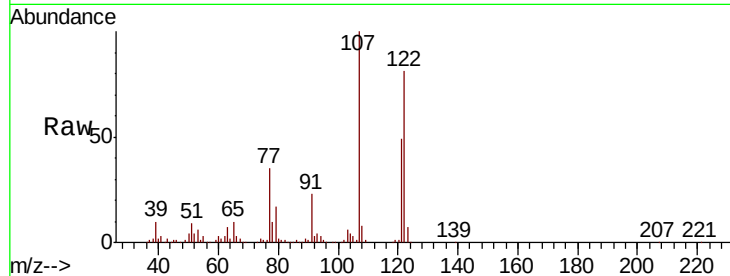




#27  
2,4-Dimethylphenol  
Concen: 44.097 ng  
RT: 9.65 min Scan# 1115  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 123.5 | 97.6  | 146.4 |
| 121     | 61.0  | 47.9  | 71.9  |

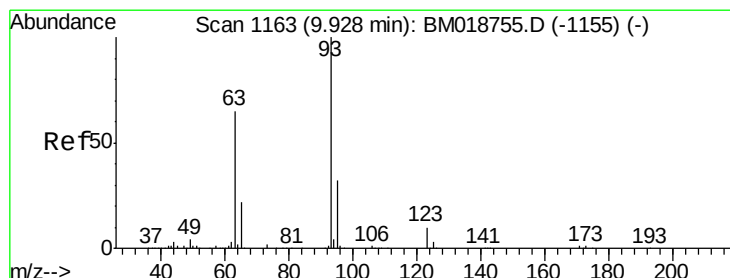
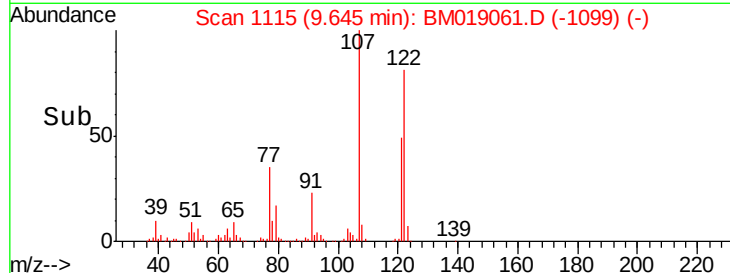
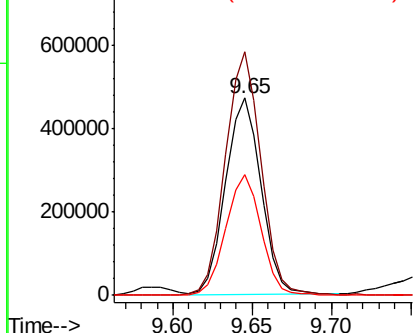


Abundance

Ion 122.00 (121.70 to 122.70): E

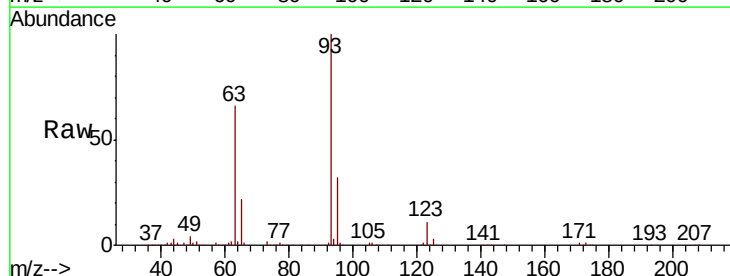
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.170 ng  
RT: 9.89 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.6  | 38.4  |
| 123     | 10.5  | 8.2   | 12.4  |

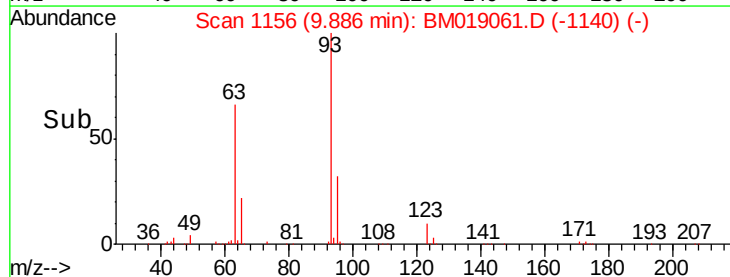
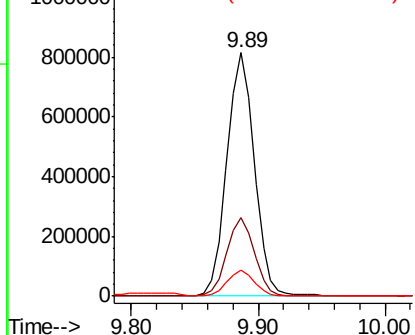


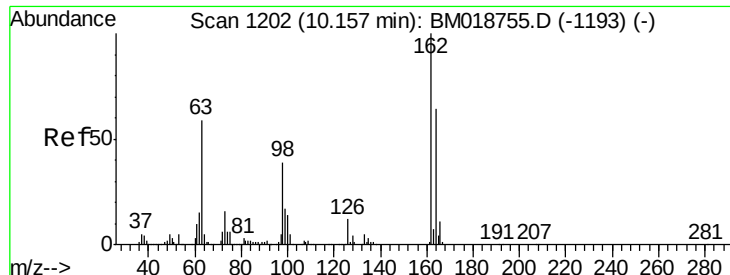
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

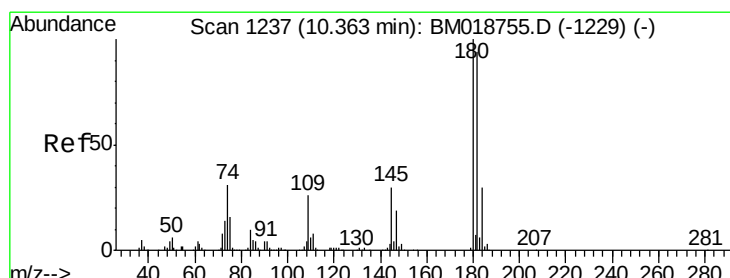
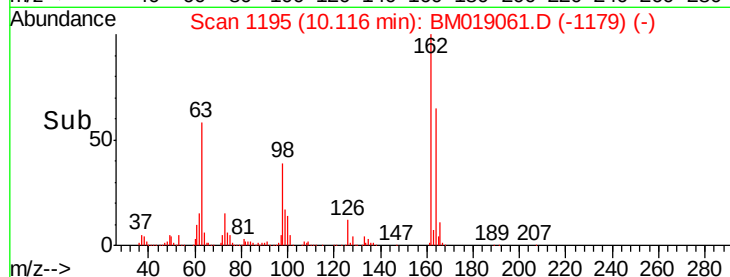
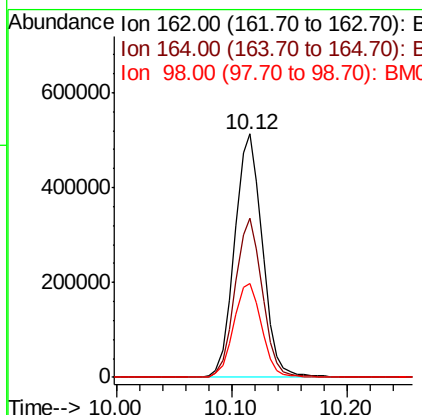
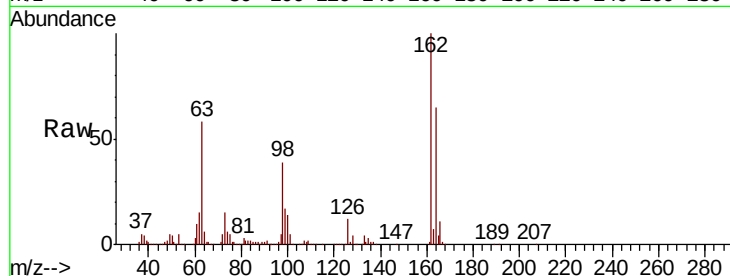




#29  
 2,4-Dichlorophenol  
 Concen: 44.663 ng  
 RT: 10.12 min Scan# 1195  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

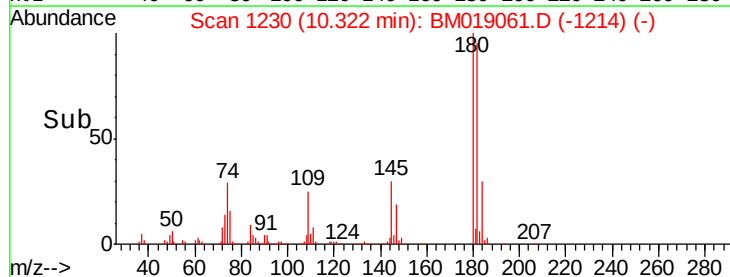
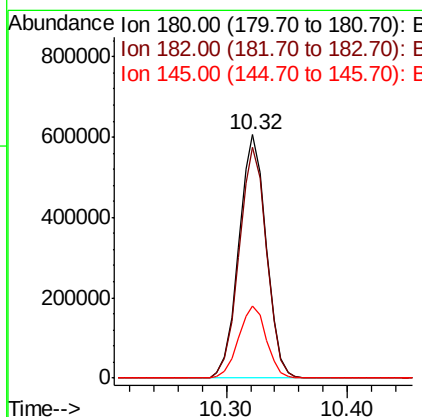
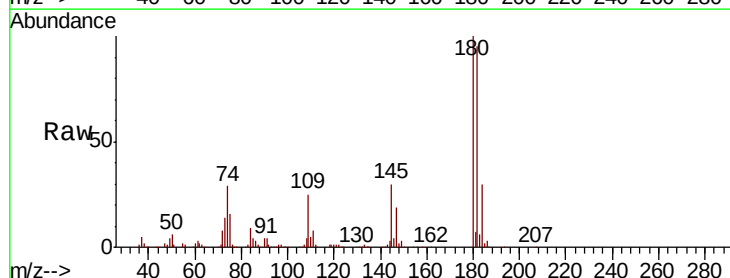
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

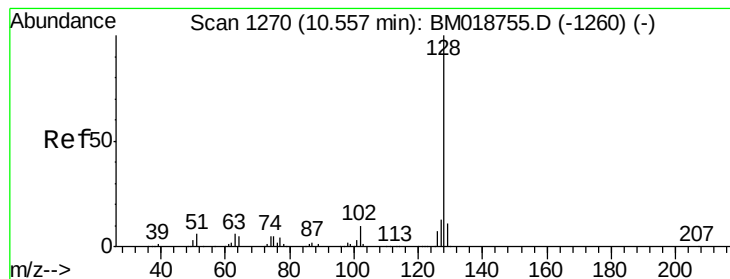
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.4  | 44.1  | 84.1  |
| 98      | 38.6  | 19.4  | 59.4  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.636 ng  
 RT: 10.32 min Scan# 1230  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 75.0  | 112.6 |
| 145     | 29.8  | 24.1  | 36.1  |

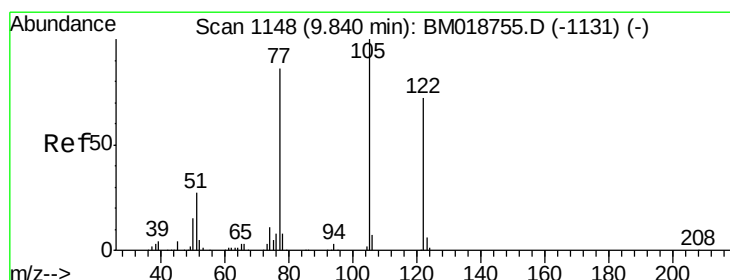
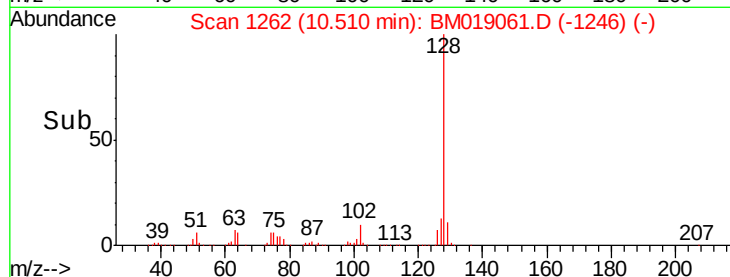
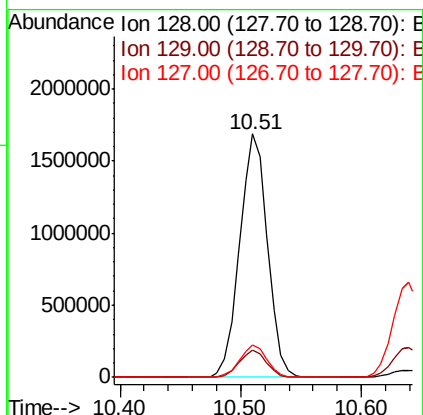
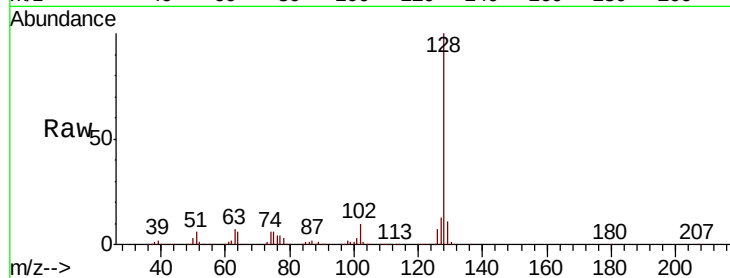




#31  
Naphthalene  
Concen: 43.702 ng  
RT: 10.51 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

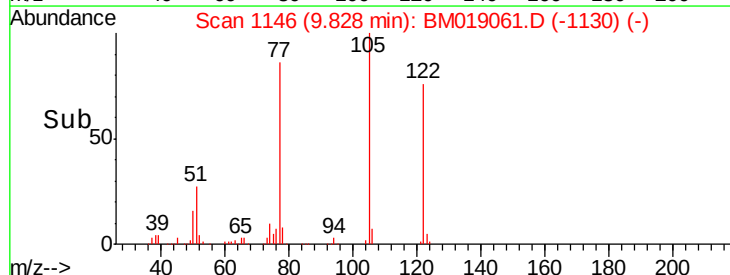
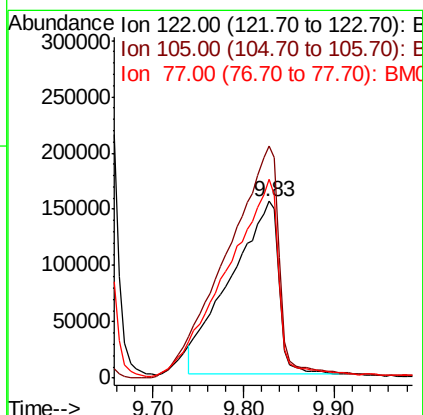
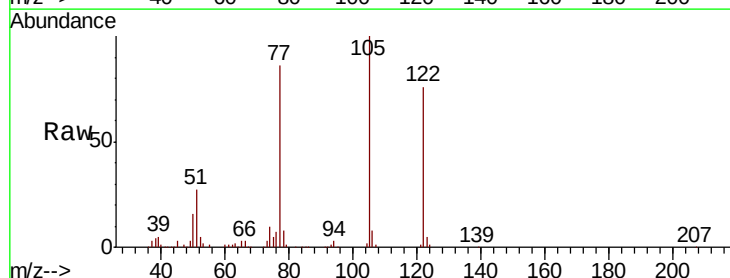
Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

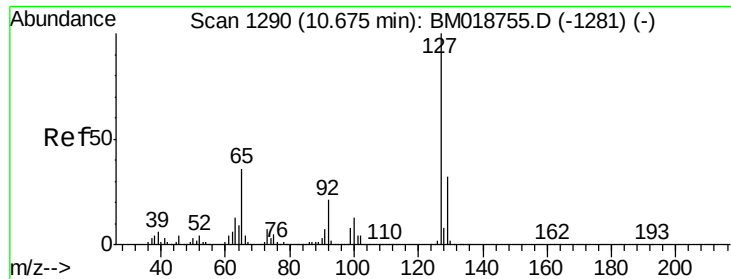
Tgt Ion:128 Resp: 2710912  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 39.187 ng  
RT: 9.83 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion:122 Resp: 567705  
Ion Ratio Lower Upper  
122 100  
105 131.5 117.5 157.5  
77 112.7 98.5 138.5

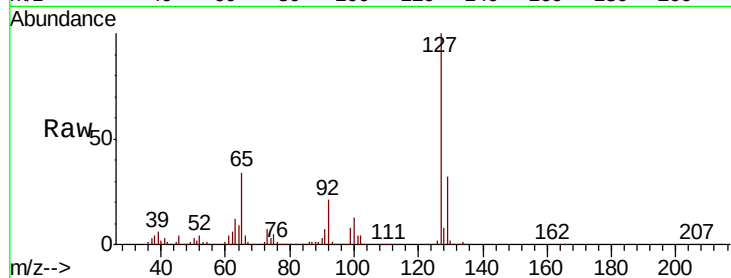




#33  
4-Chloroaniline  
Concen: 41.652 ng  
RT: 10.64 min Scan# 1284  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 127   | Resp: | 1154989 |
| Ion      | Ratio | Lower | Upper   |
| 127      | 100   |       |         |
| 129      | 32.1  | 25.7  | 38.5    |
| 65       | 34.1  | 28.7  | 43.1    |
| 92       | 20.5  | 17.0  | 25.4    |



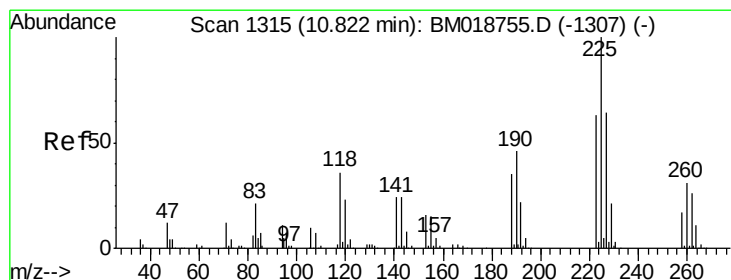
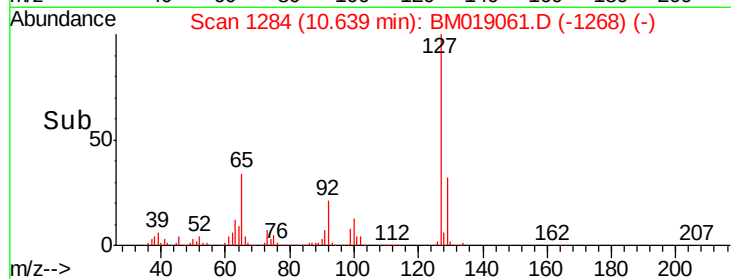
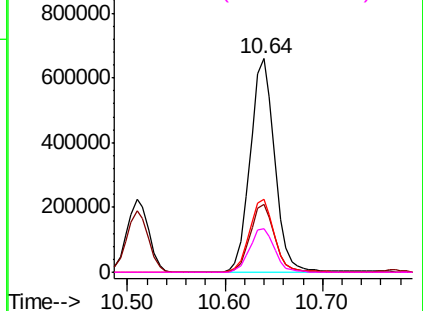
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

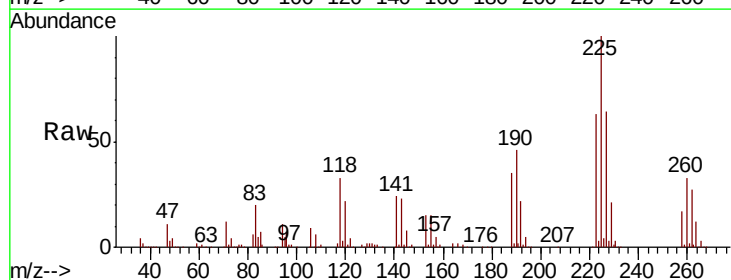
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34  
Hexachlorobutadiene  
Concen: 42.773 ng  
RT: 10.77 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 546768 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 50.1  | 75.1   |
| 227      | 64.4  | 51.4  | 77.0   |

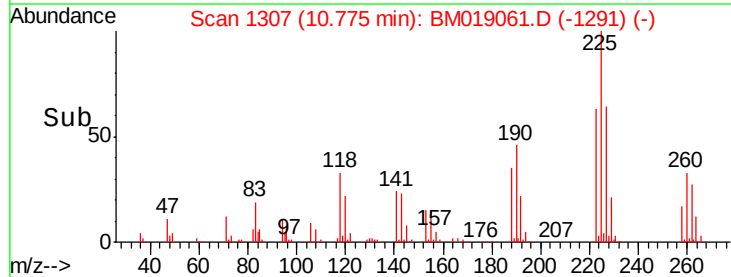
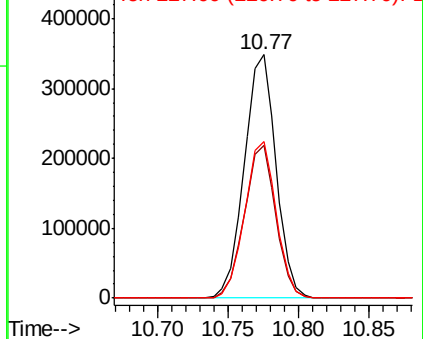


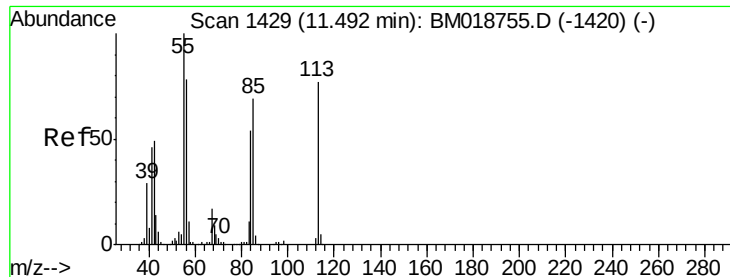
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

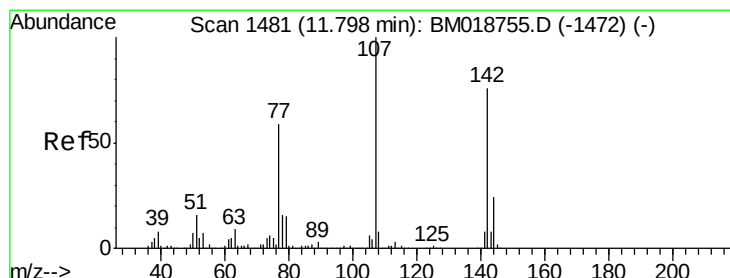
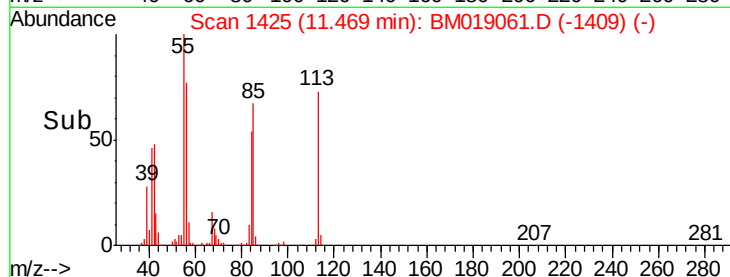
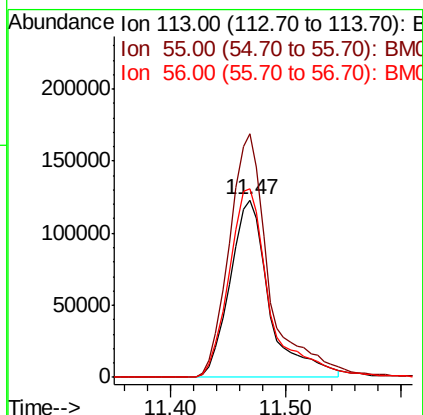
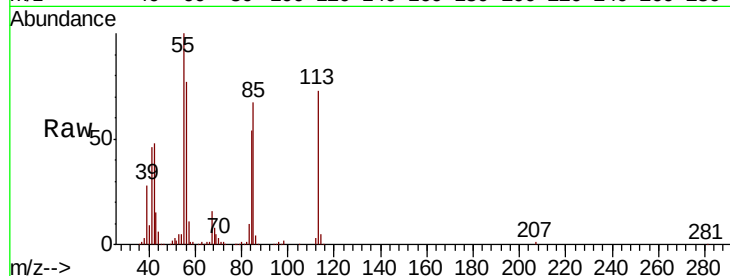




#35  
 Caprolactam  
 Concen: 37.633 ng  
 RT: 11.47 min Scan# 1425  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

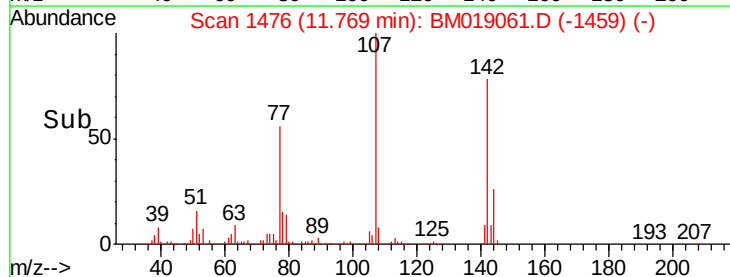
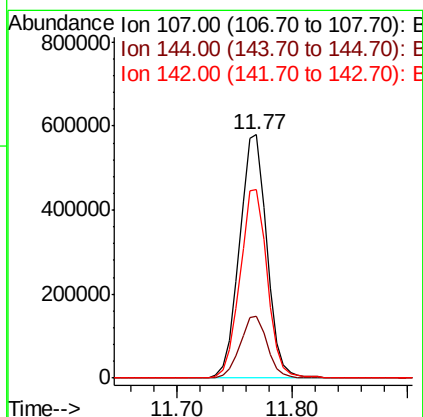
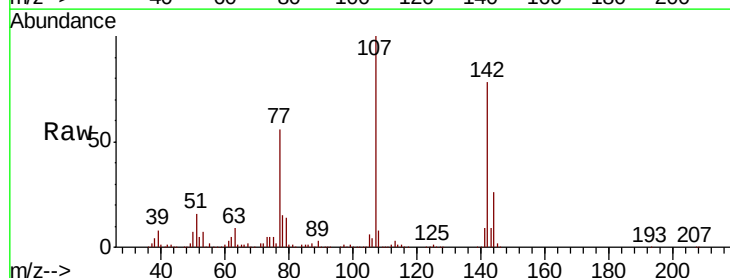
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

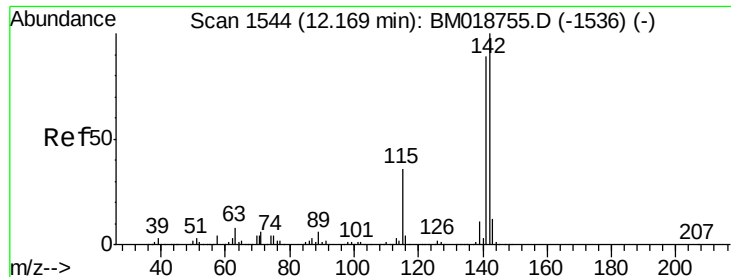
Tgt Ion:113 Resp: 292883  
 Ion Ratio Lower Upper  
 113 100  
 55 137.0 110.7 150.7  
 56 105.8 82.4 122.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.550 ng  
 RT: 11.77 min Scan# 1476  
 Delta R.T. -0.00 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

Tgt Ion:107 Resp: 955300  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 19.3 28.9  
 142 77.6 60.5 90.7

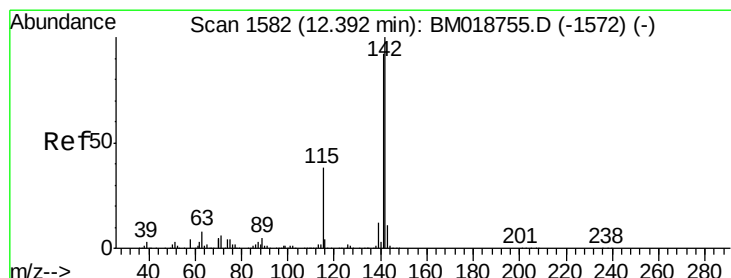
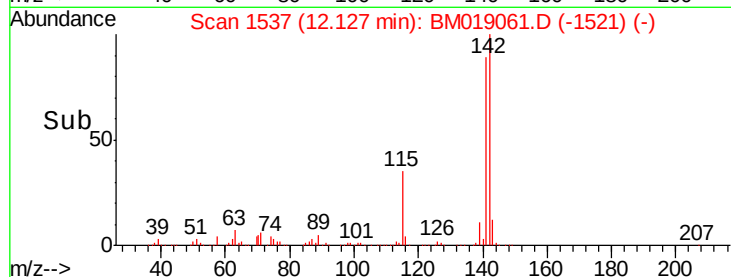
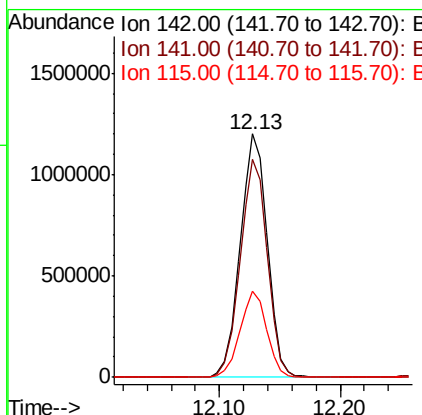
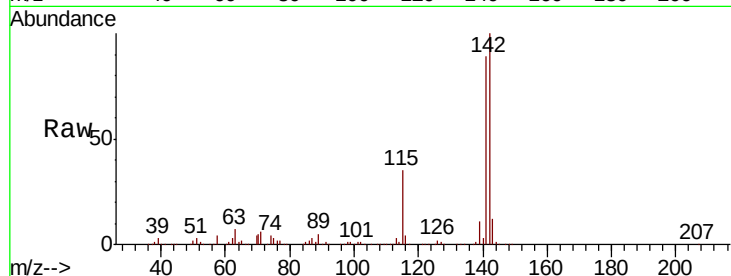




#37  
2-Methylnaphthalene  
Concen: 43.012 ng  
RT: 12.13 min Scan# 1537  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

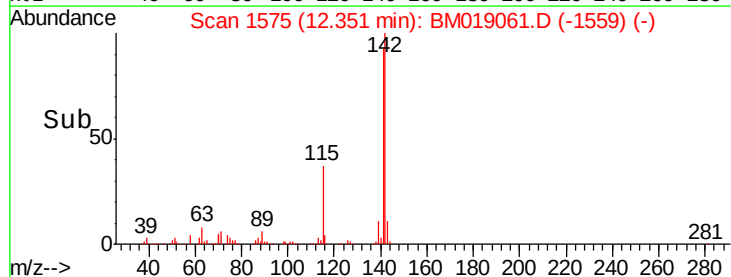
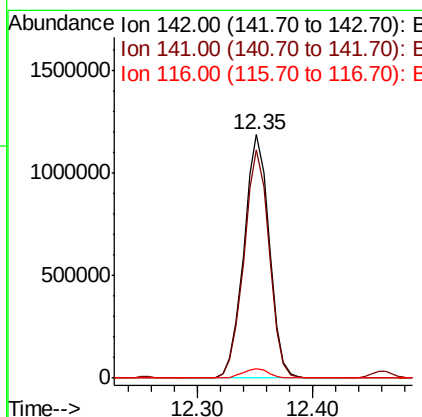
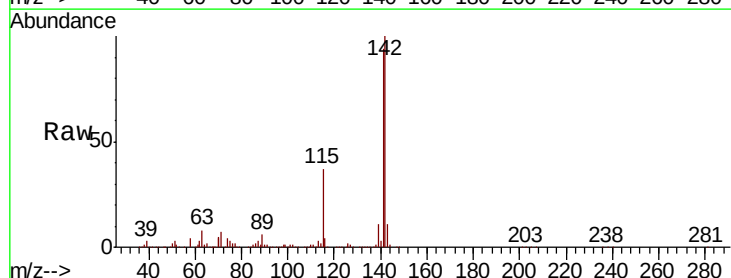
Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

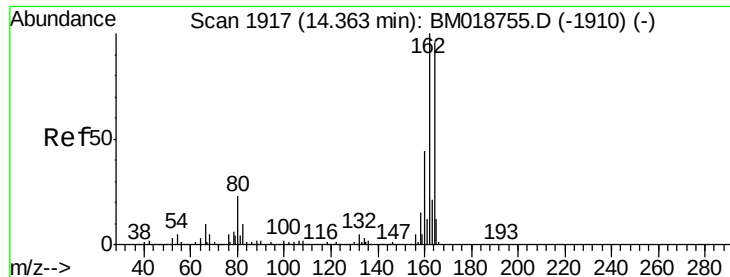
Tgt Ion:142 Resp: 1878522  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.2 106.8  
115 35.3 29.1 43.7



#38  
1-Methylnaphthalene  
Concen: 42.433 ng  
RT: 12.35 min Scan# 1575  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion:142 Resp: 1812240  
Ion Ratio Lower Upper  
142 100  
141 93.8 73.9 110.9  
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

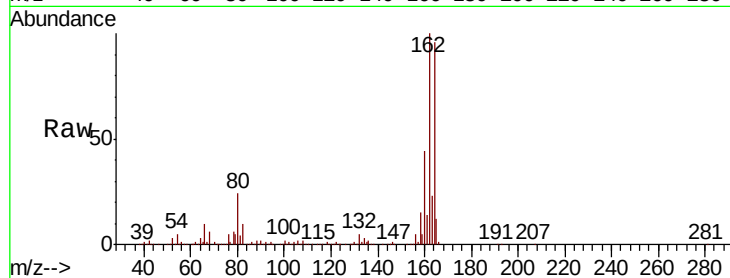
Tgt Ion:164 Resp: 699603

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

160 45.2 36.6 55.0

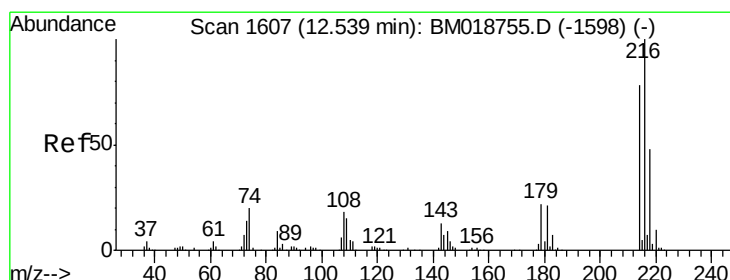
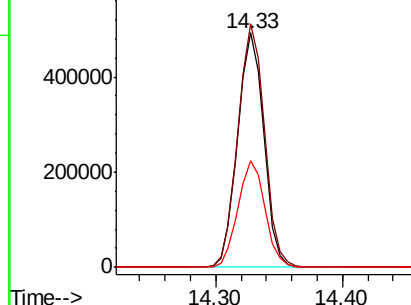
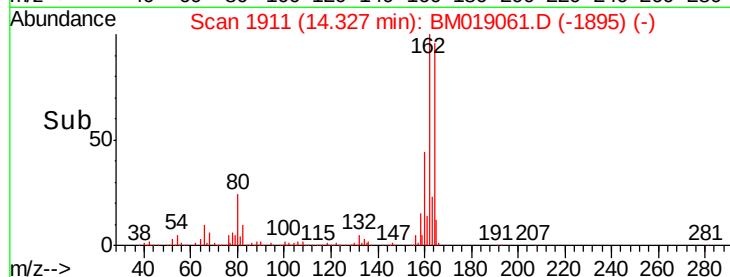


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.820 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Tgt Ion:216 Resp: 980668

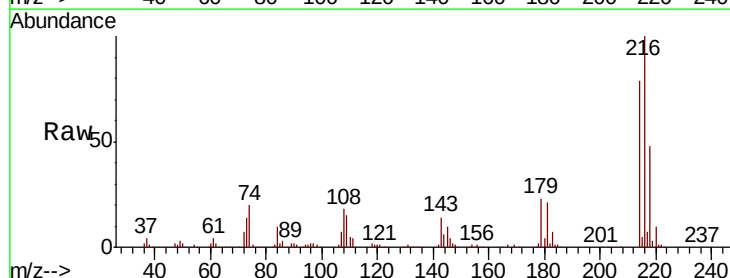
Ion Ratio Lower Upper

216 100

214 78.8 63.2 94.8

179 22.4 17.8 26.8

108 19.6 16.4 24.6



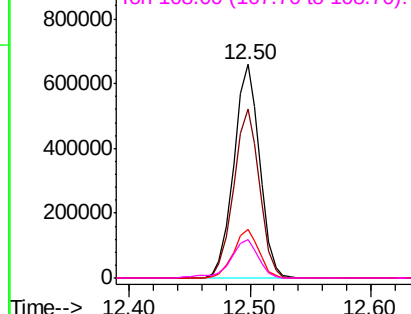
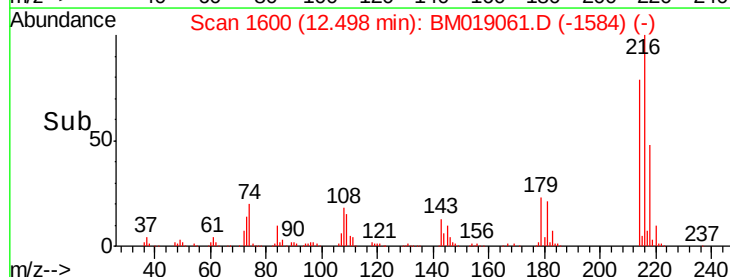
Abundance

Ion 216.00 (215.70 to 216.70): E

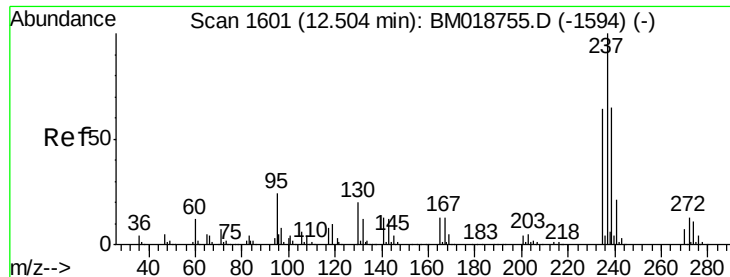
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 32.225 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

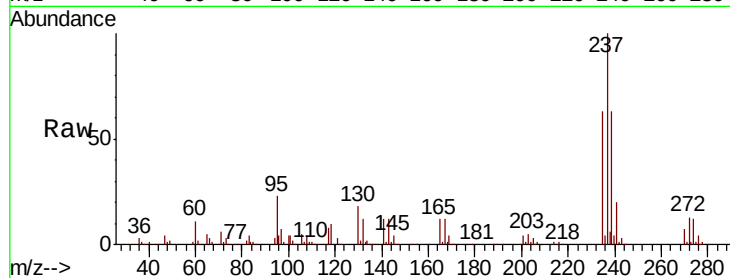
Tgt Ion: 237 Resp: 368719

Ion Ratio Lower Upper

237 100

235 62.8 43.7 83.7

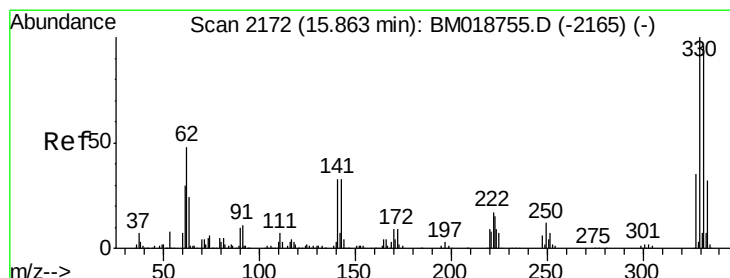
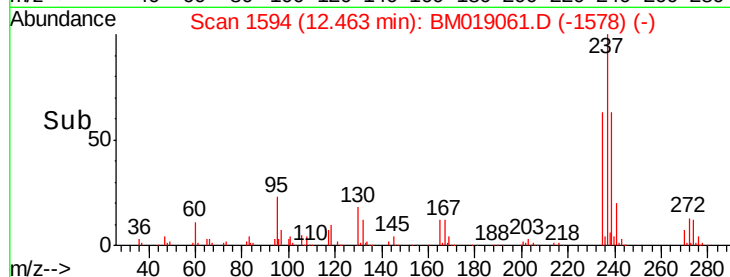
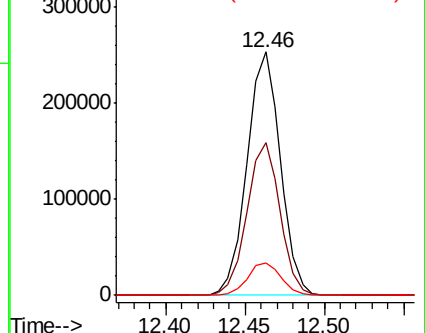
272 13.4 0.0 33.3



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: 82.596 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

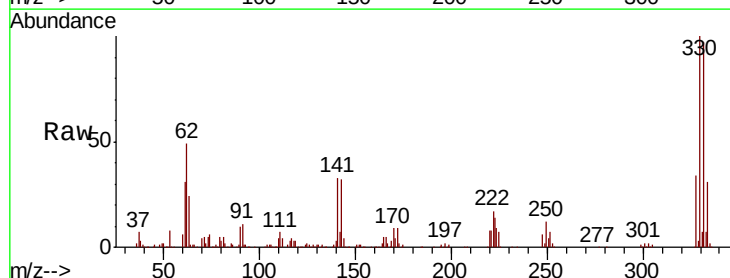
Tgt Ion: 330 Resp: 832951

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

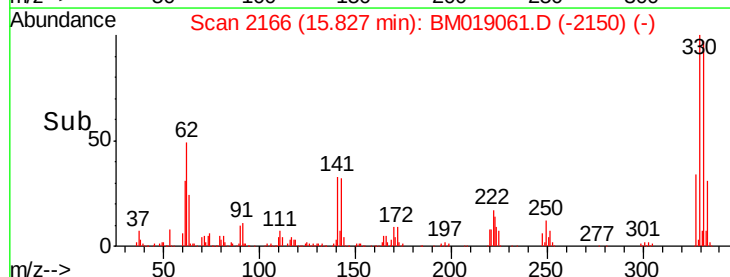
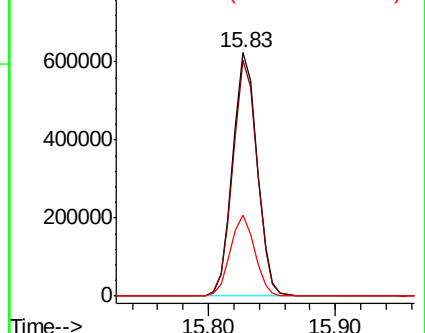
141 33.2 28.7 43.1

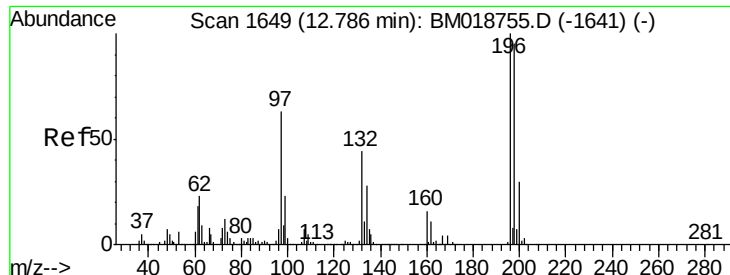


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

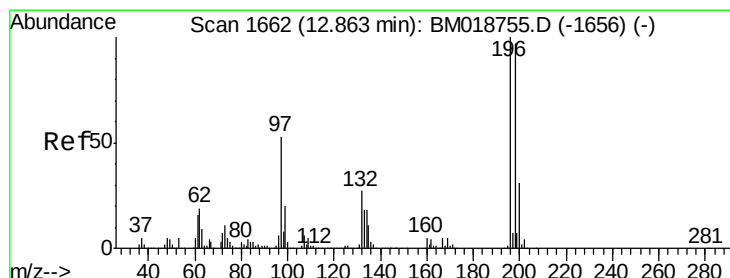
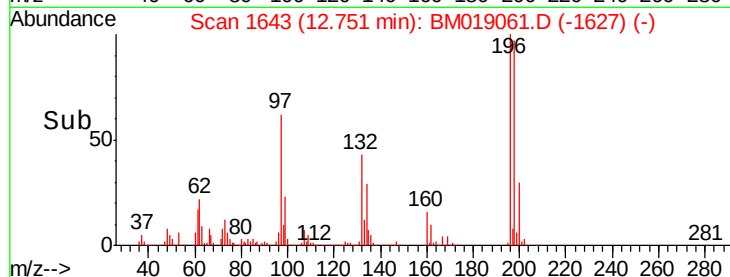
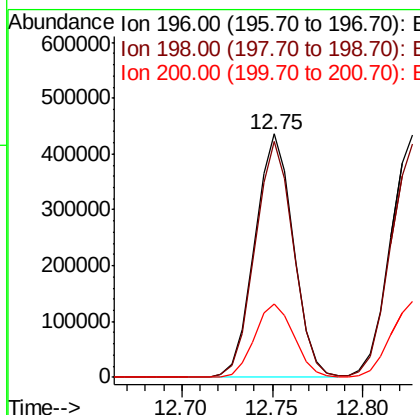
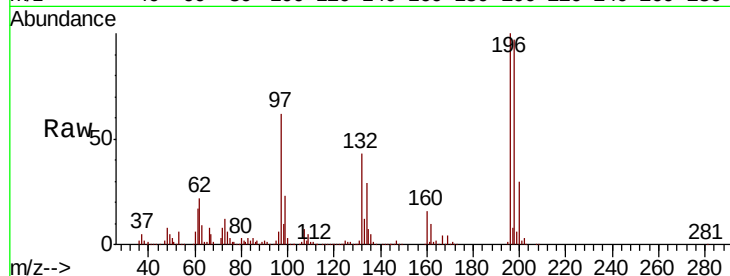




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.519 ng  
 RT: 12.75 min Scan# 1643  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

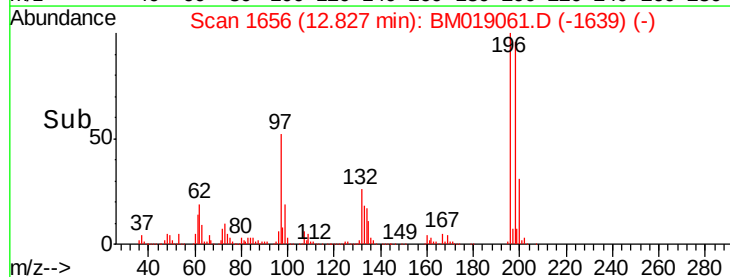
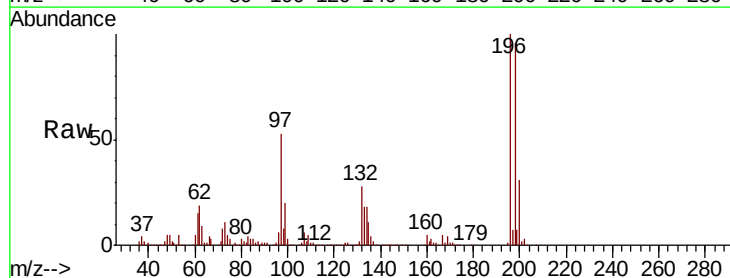
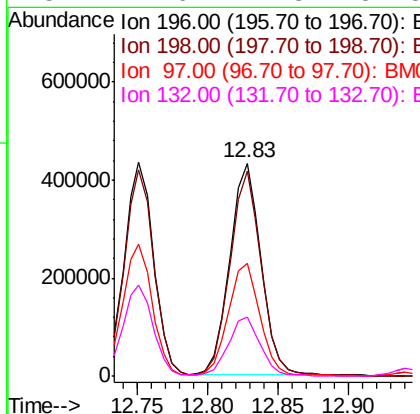
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

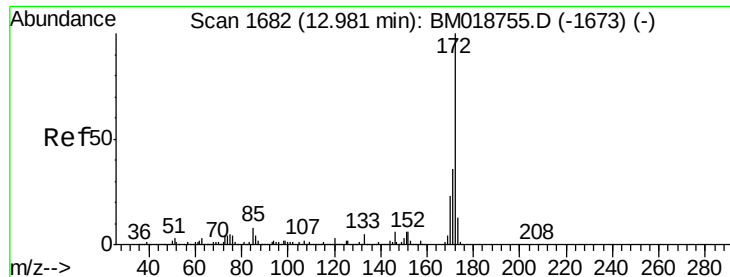
Tgt Ion:196 Resp: 644744  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 76.2 114.2  
 200 29.9 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.001 ng  
 RT: 12.83 min Scan# 1656  
 Delta R.T. -0.00 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

Tgt Ion:196 Resp: 667742  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 77.6 116.4  
 97 53.0 42.8 64.2  
 132 27.6 21.8 32.8

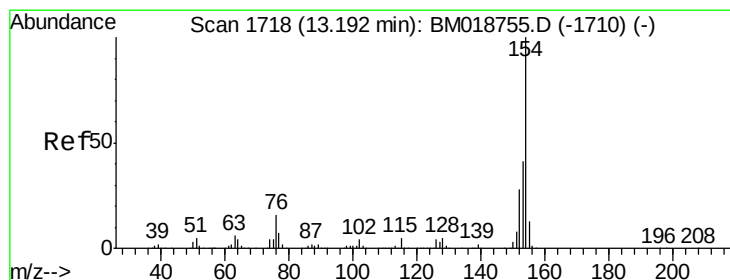
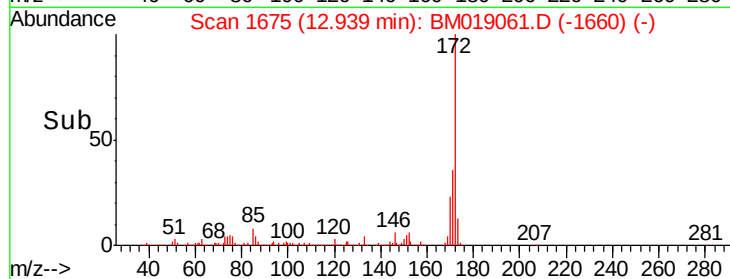
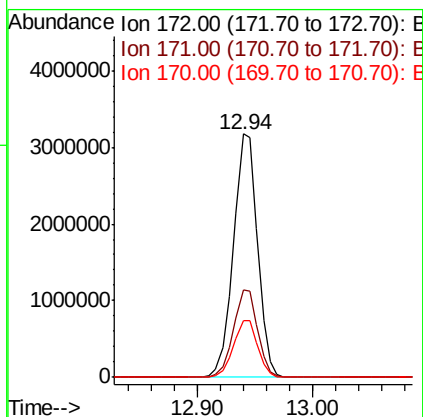
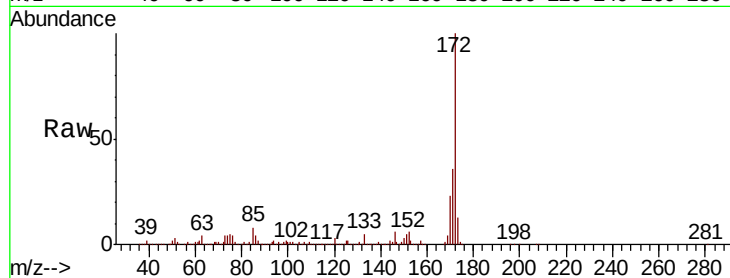




#45  
2-Fluorobiphenyl  
Concen: 86.896 ng  
RT: 12.94 min Scan# 1675  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

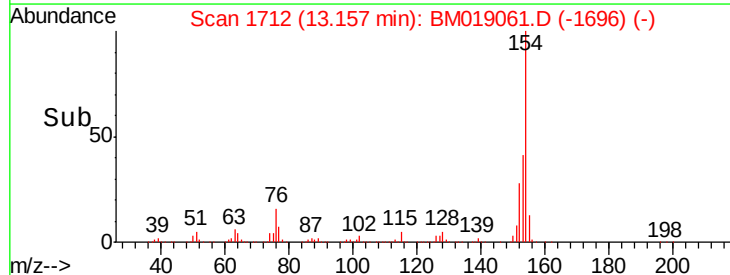
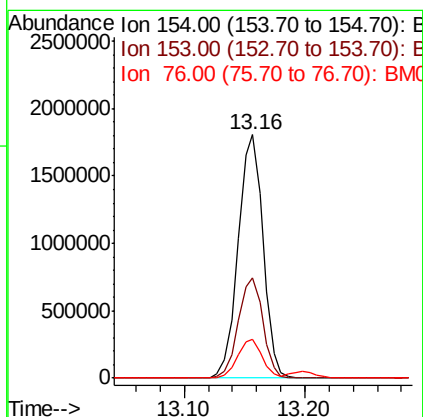
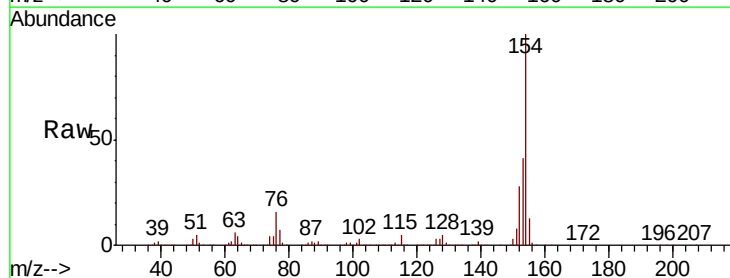
Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

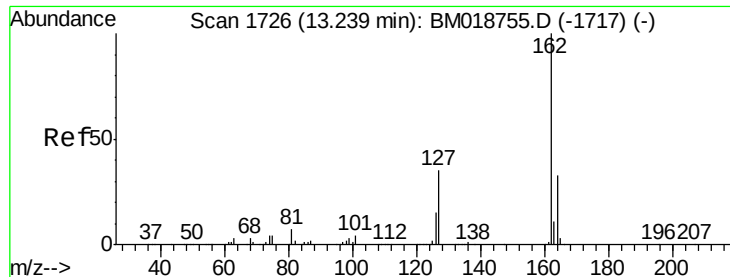
Tgt Ion:172 Resp: 4579552  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.0 43.6  
170 23.3 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 43.150 ng  
RT: 13.16 min Scan# 1712  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion:154 Resp: 2598533  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.1 61.1  
76 15.9 0.0 35.7

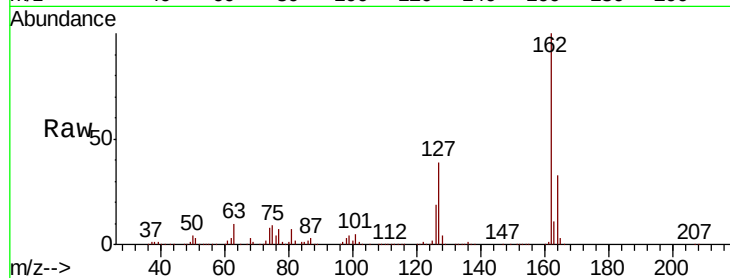




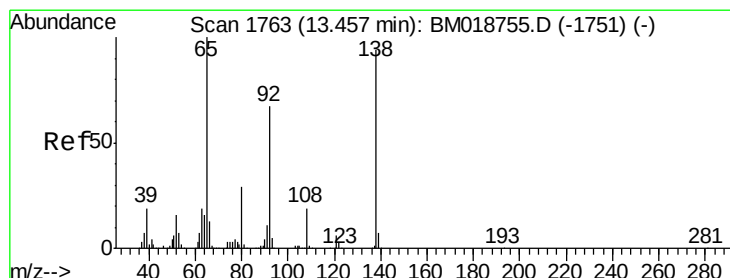
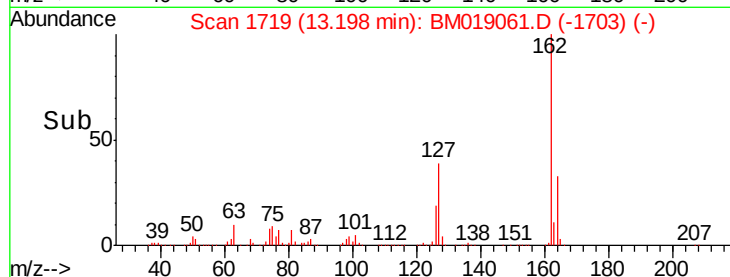
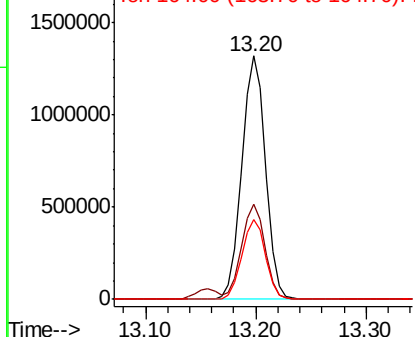
#47  
2-Chloronaphthalene  
Concen: 42.823 ng  
RT: 13.20 min Scan# 1719  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

Tgt Ion: 162 Resp: 1991850  
Ion Ratio Lower Upper  
162 100  
127 39.0 31.1 46.7  
164 32.9 26.4 39.6

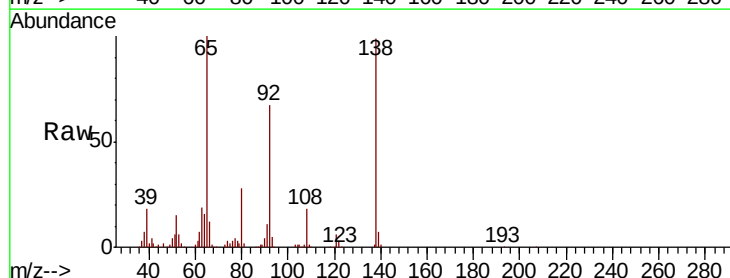


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

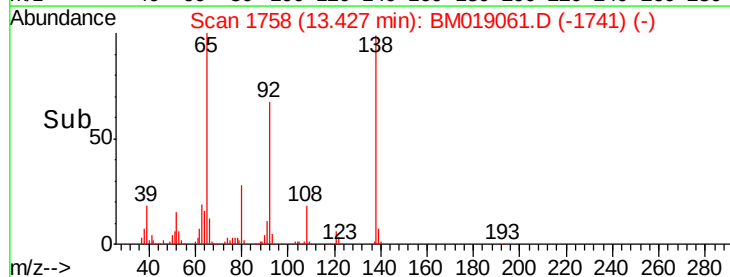
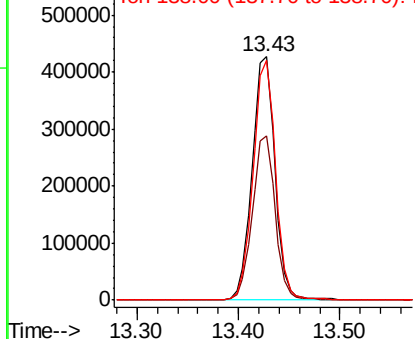


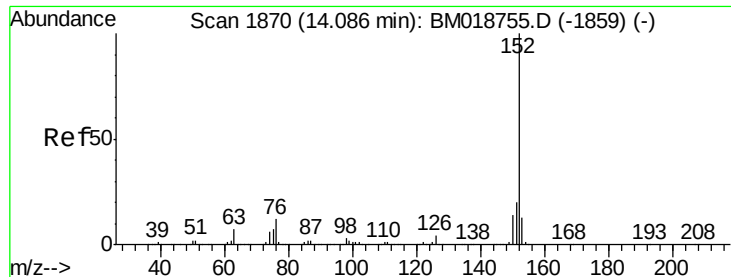
#48  
2-Nitroaniline  
Concen: 43.319 ng  
RT: 13.43 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion: 65 Resp: 669187  
Ion Ratio Lower Upper  
65 100  
92 67.3 54.0 81.0  
138 98.5 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.595 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

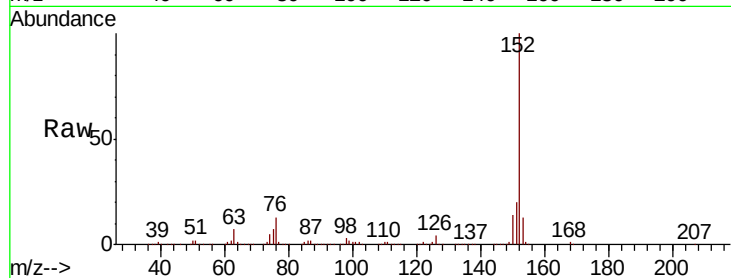
Tgt Ion:152 Resp: 3019361

Ion Ratio Lower Upper

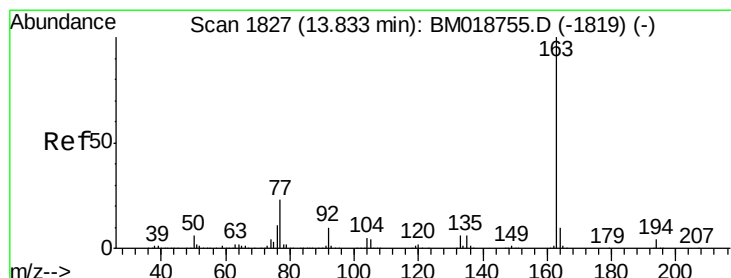
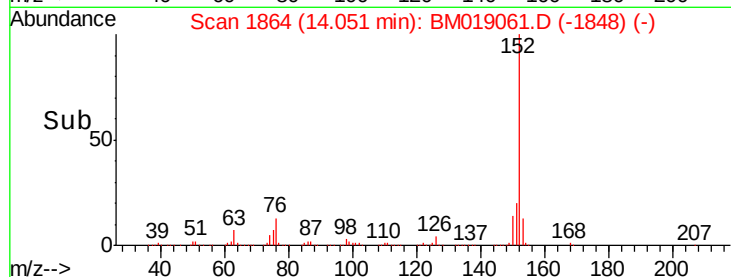
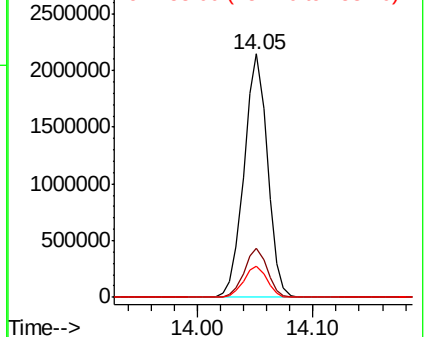
152 100

151 20.0 15.8 23.8

153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.458 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

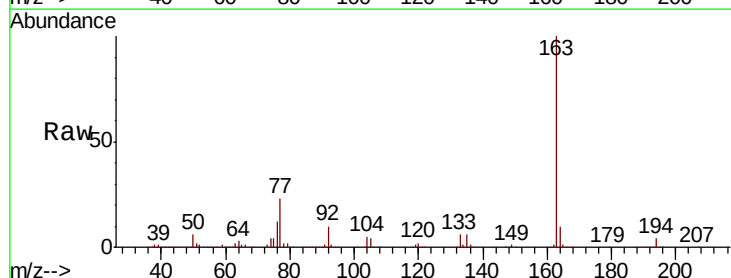
Tgt Ion:163 Resp: 2358913

Ion Ratio Lower Upper

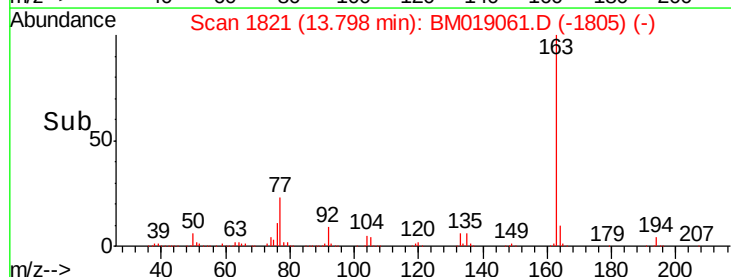
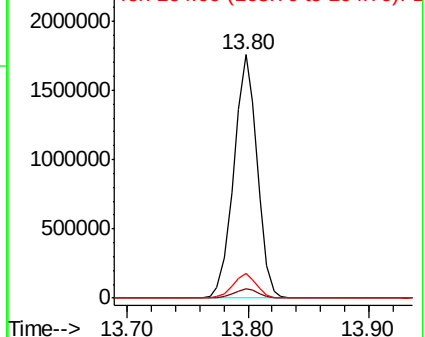
163 100

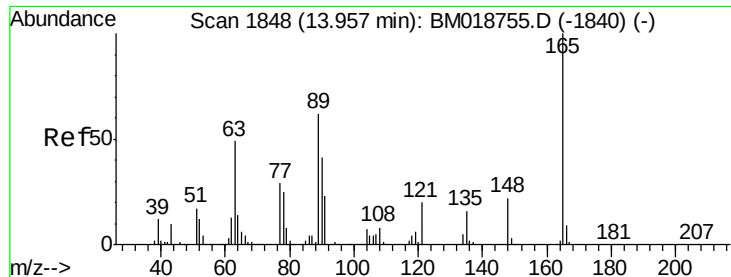
194 4.0 3.2 4.8

164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

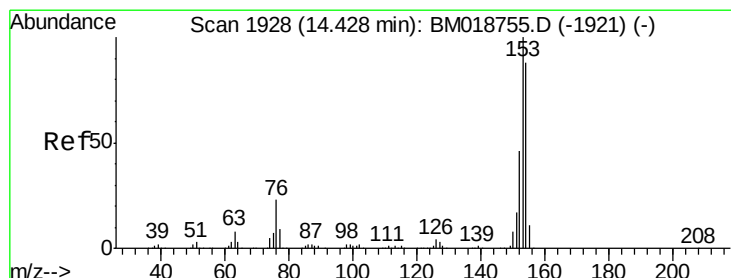
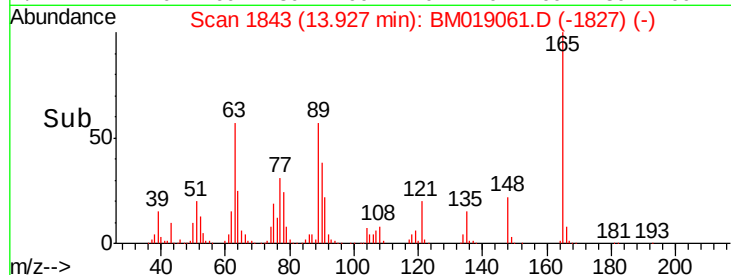
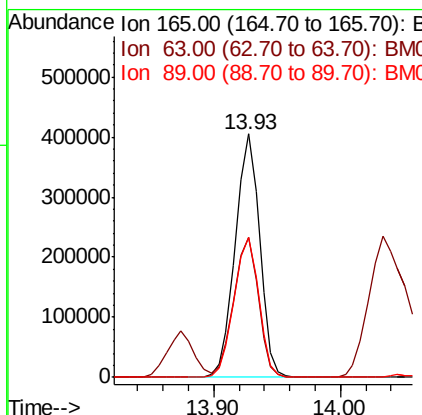
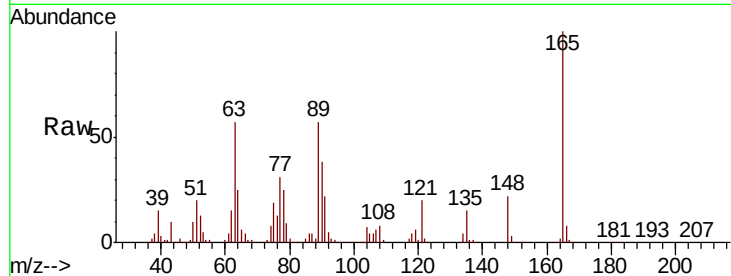




#51  
 2,6-Dinitrotoluene  
 Concen: 42.626 ng  
 RT: 13.93 min Scan# 1843  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

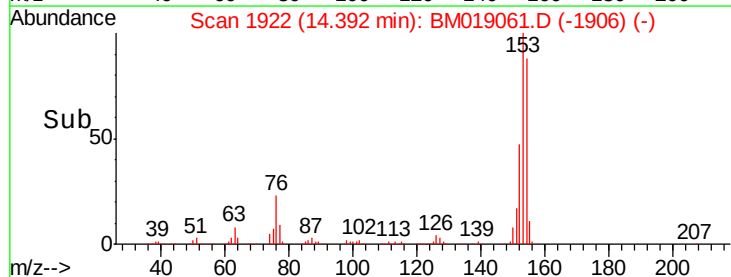
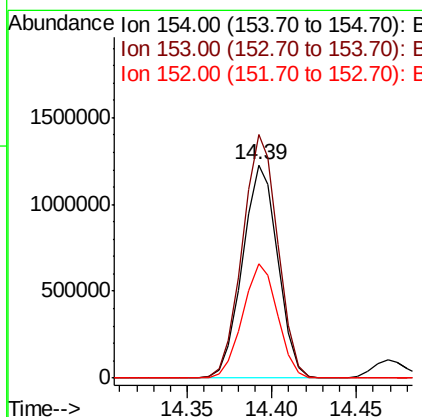
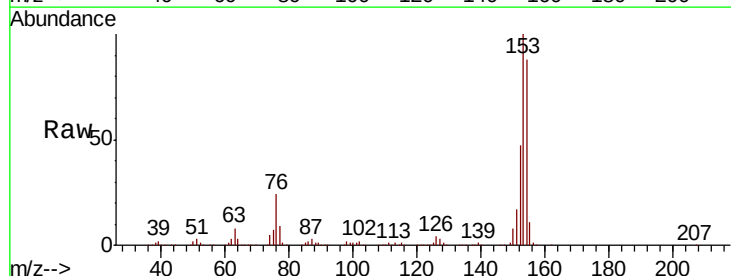
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

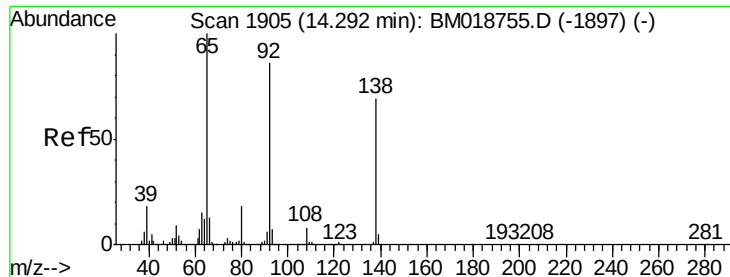
Tgt Ion:165 Resp: 538367  
 Ion Ratio Lower Upper  
 165 100  
 63 57.4 48.9 73.3  
 89 57.3 49.4 74.0



#52  
 Acenaphthene  
 Concen: 41.954 ng  
 RT: 14.39 min Scan# 1922  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

Tgt Ion:154 Resp: 1781725  
 Ion Ratio Lower Upper  
 154 100  
 153 114.0 91.3 136.9  
 152 53.4 42.2 63.4

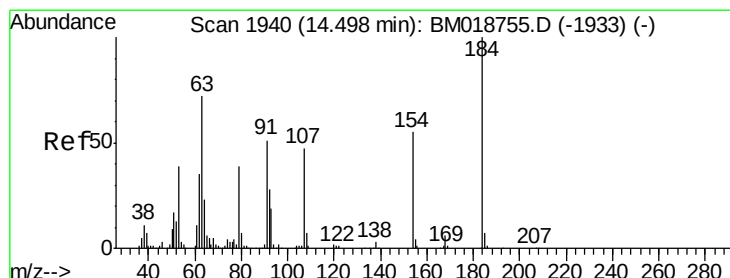
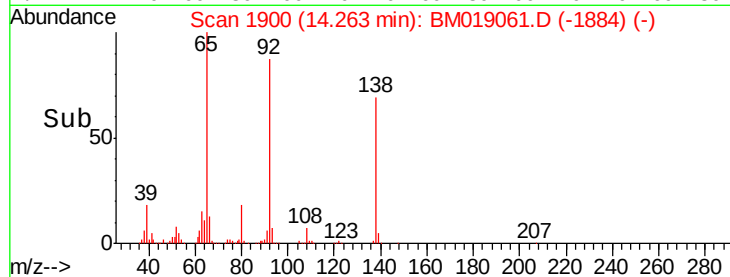
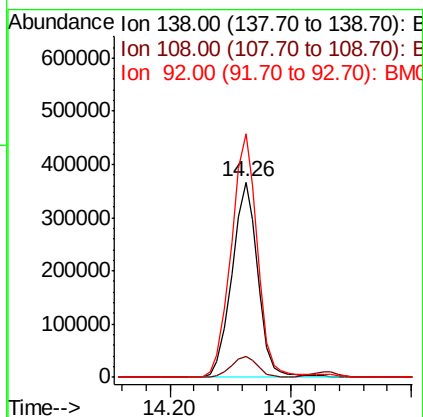
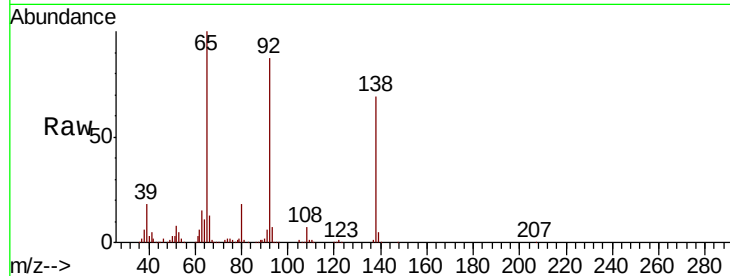




#53  
 3-Nitroaniline  
 Concen: 38.427 ng  
 RT: 14.26 min Scan# 1900  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

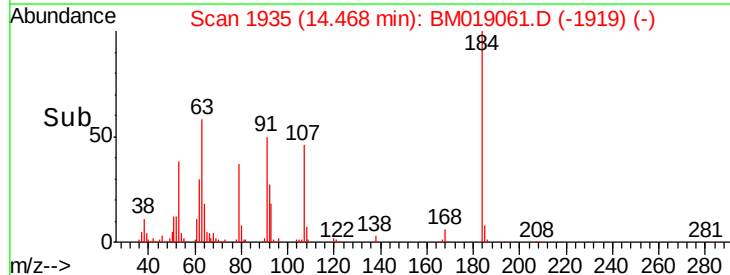
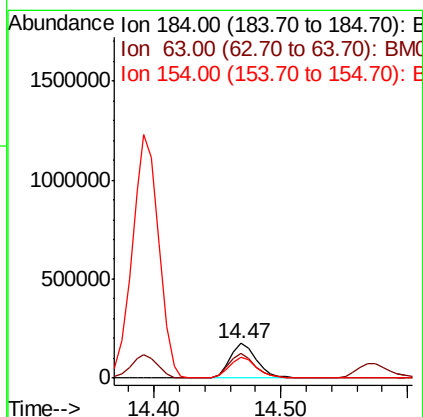
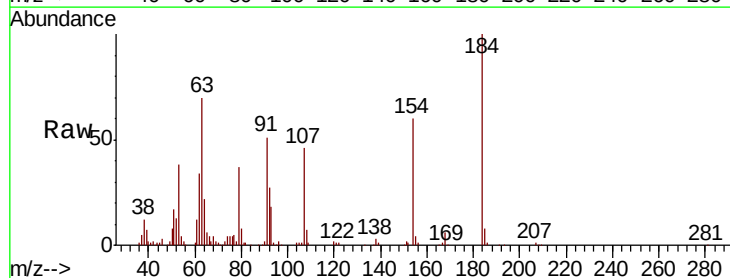
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXT-028-SW002-022719

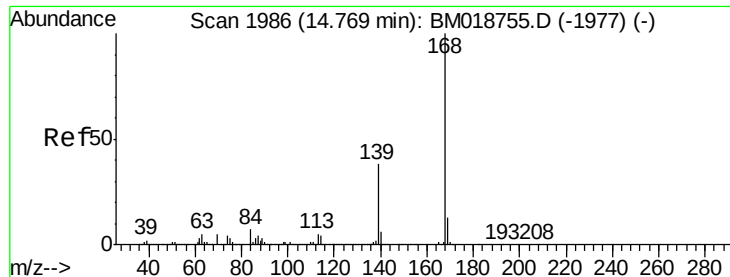
Tgt Ion:138 Resp: 548381  
 Ion Ratio Lower Upper  
 138 100  
 108 10.8 9.1 13.7  
 92 124.7 99.7 149.5



#54  
 2,4-Dinitrophenol  
 Concen: 35.924 ng  
 RT: 14.47 min Scan# 1935  
 Delta R.T. -0.01 min  
 Lab File: BM019061.D  
 Acq: 06 Mar 2019 07:18

Tgt Ion:184 Resp: 260487  
 Ion Ratio Lower Upper  
 184 100  
 63 70.0 58.0 87.0  
 154 60.0 50.3 75.5





#55

Dibenzofuran

Concen: 41.225 ng

RT: 14.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

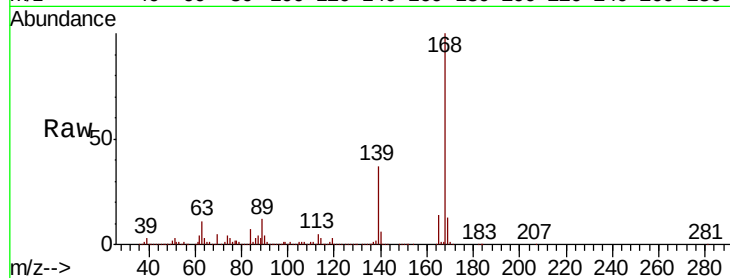
Tgt Ion:168 Resp: 2877598

Ion Ratio Lower Upper

168 100

139 37.4 30.7 46.1

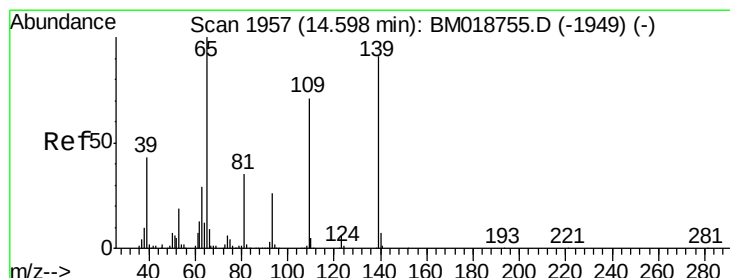
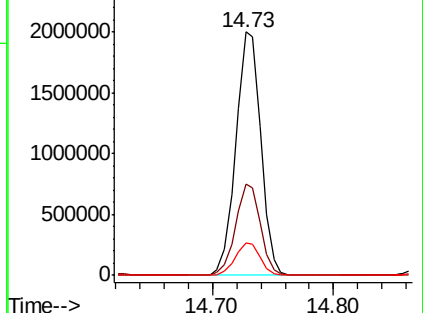
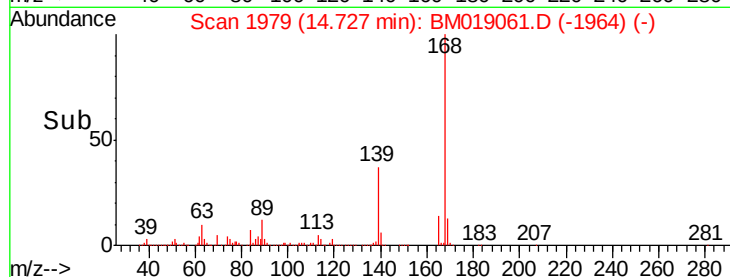
169 13.3 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.847 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

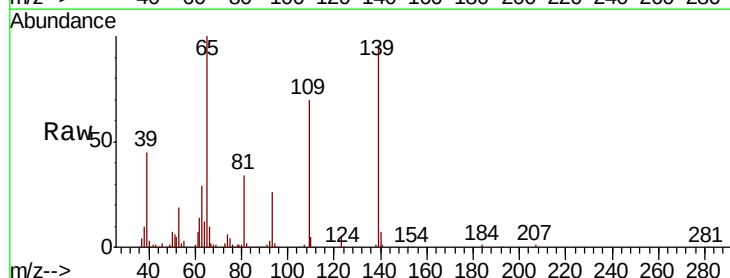
Tgt Ion:139 Resp: 419755

Ion Ratio Lower Upper

139 100

109 72.7 58.4 98.4

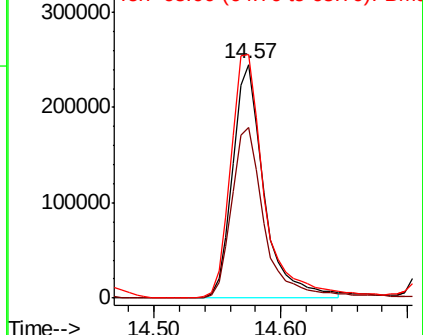
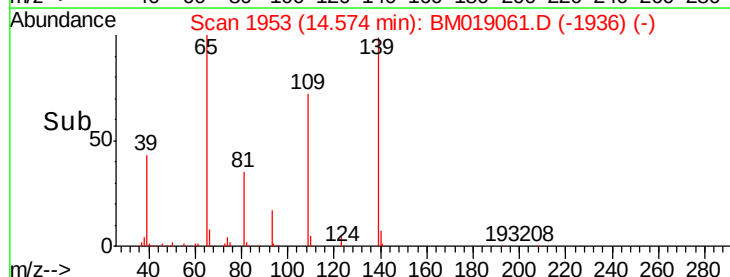
65 104.1 89.8 129.8



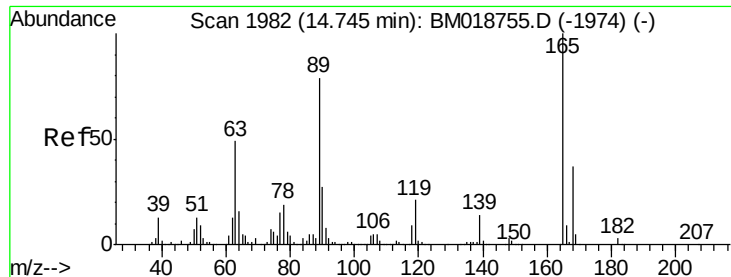
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



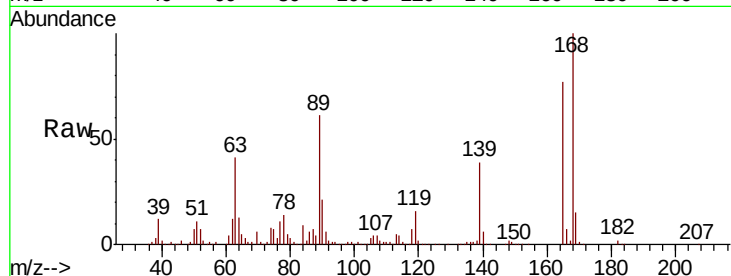




#57  
2,4-Dinitrotoluene  
Concen: 41.606 ng  
RT: 14.72 min Scan# 1977  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.4  | 39.6  | 59.4  |
| 89      | 79.6  | 63.5  | 95.3  |
| 182     | 2.8   | 2.2   | 3.4   |



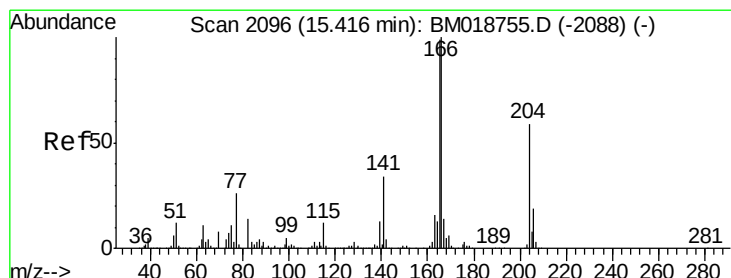
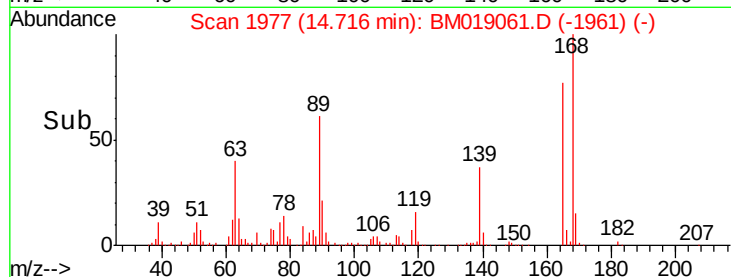
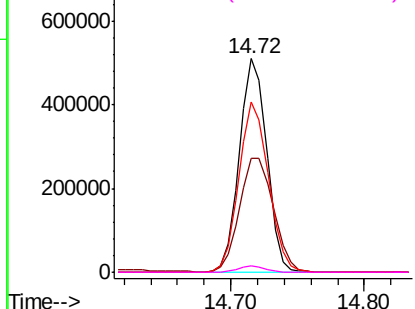
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

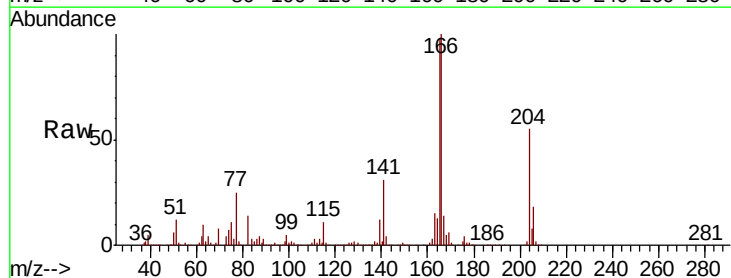
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 41.849 ng  
RT: 15.38 min Scan# 2090  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.9  | 79.1  | 118.7 |
| 167     | 13.9  | 11.0  | 16.4  |

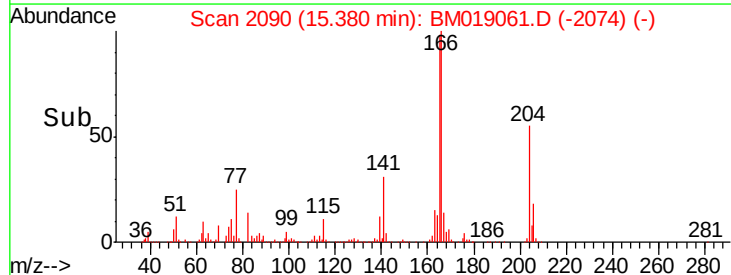
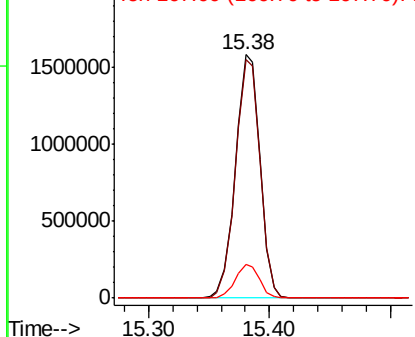


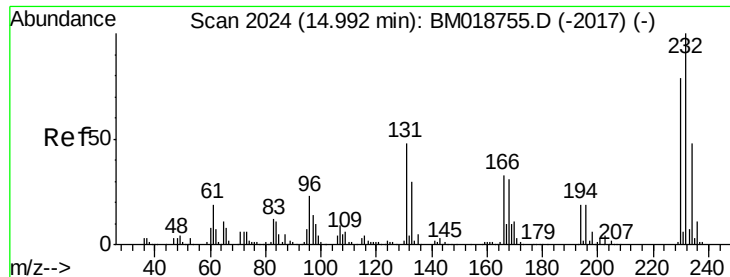
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

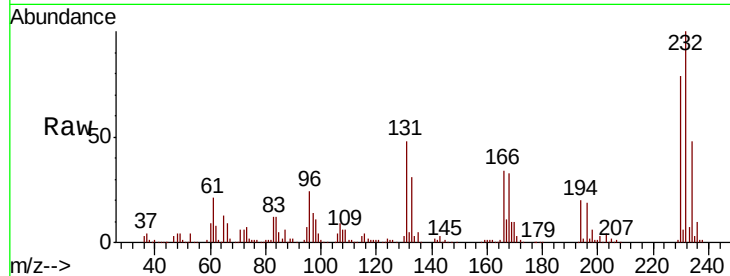




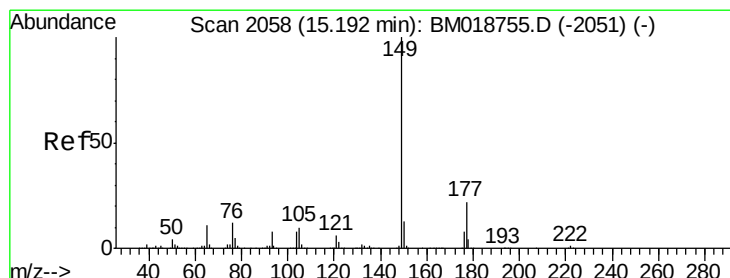
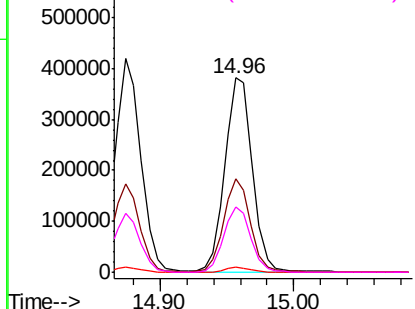
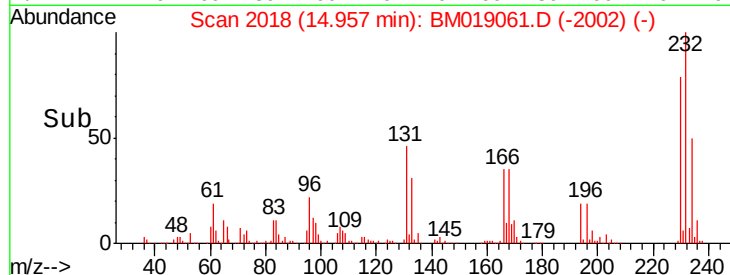
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.841 ng  
RT: 14.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

Tgt Ion: 232 Resp: 546843  
Ion Ratio Lower Upper  
232 100  
131 46.8 38.6 57.8  
130 2.4 2.0 3.0  
166 33.1 26.9 40.3

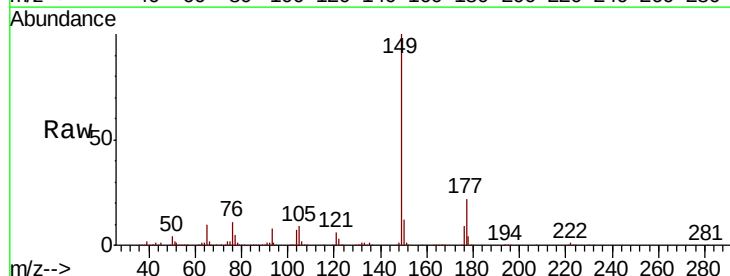


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

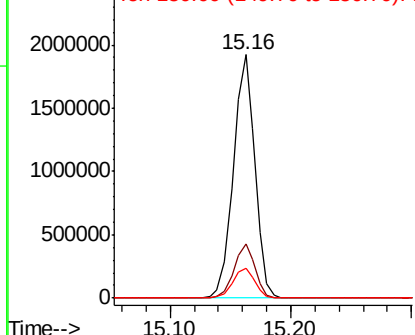
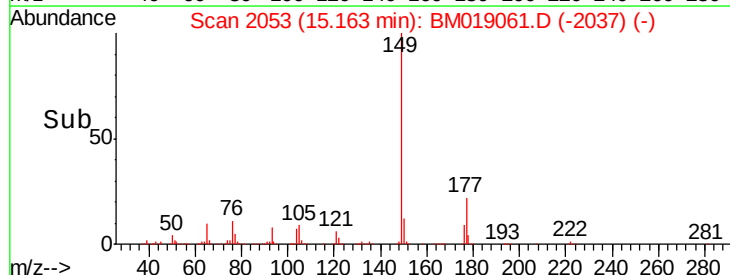


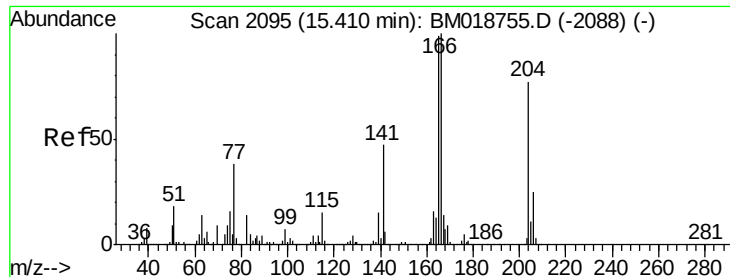
#60  
Diethylphthalate  
Concen: 39.446 ng  
RT: 15.16 min Scan# 2053  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion: 149 Resp: 2372446  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.2 25.8  
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

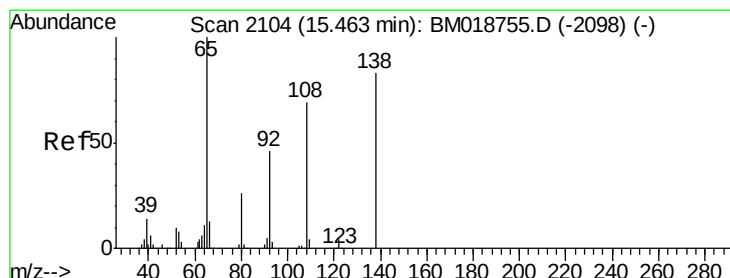
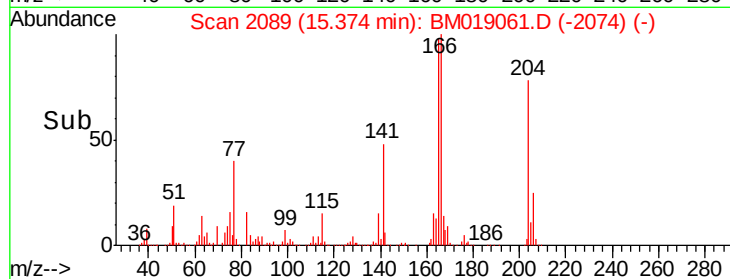
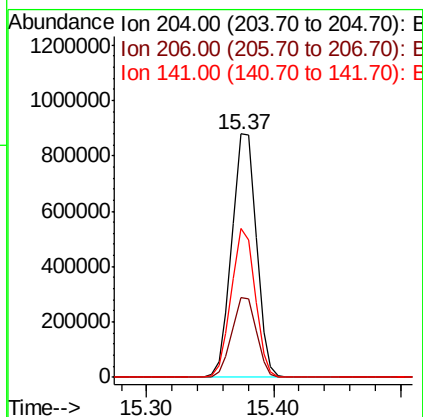
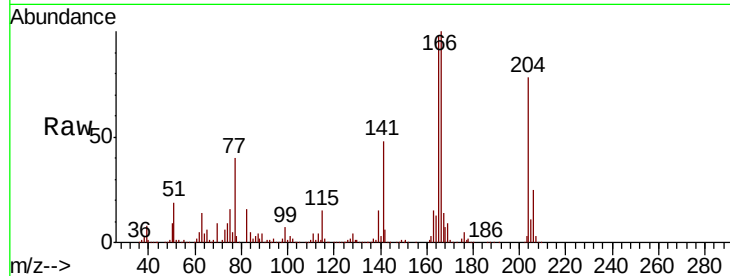




#61  
4-Chlorophenyl-phenylether  
Concen: 39.311 ng  
RT: 15.37 min Scan# 2089  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

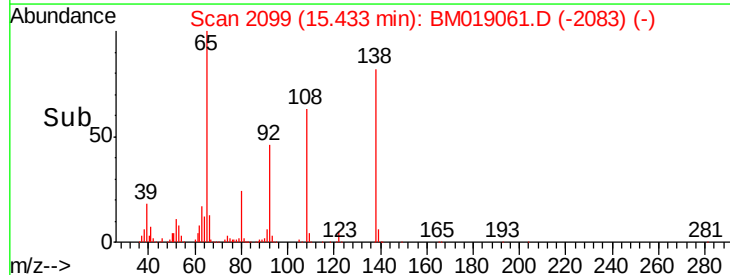
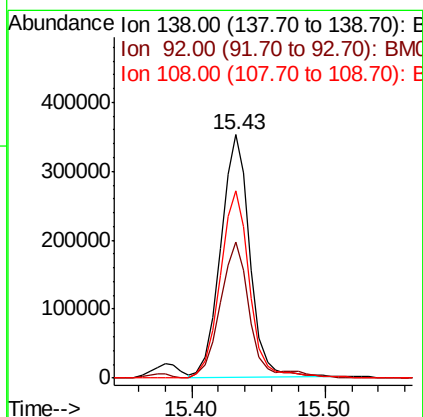
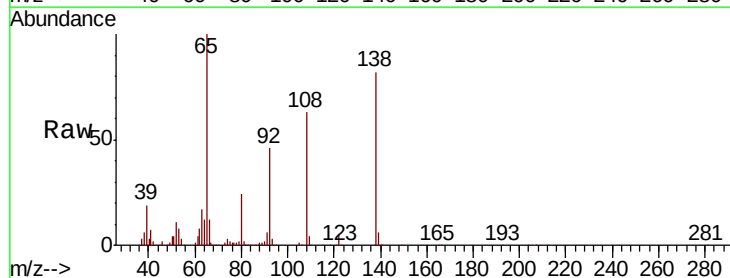
Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

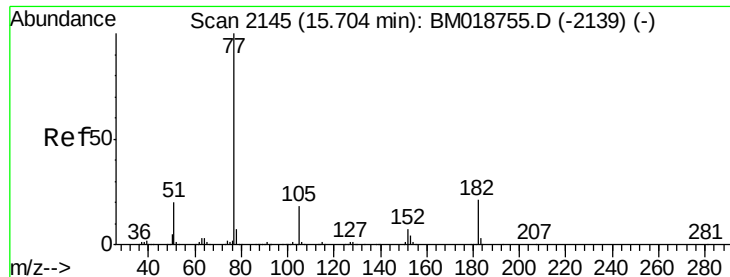
Tgt Ion: 204 Resp: 1176993  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.2 39.2  
141 61.1 49.2 73.8



#62  
4-Nitroaniline  
Concen: 38.367 ng  
RT: 15.43 min Scan# 2099  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion: 138 Resp: 536776  
Ion Ratio Lower Upper  
138 100  
92 56.0 35.5 75.5  
108 77.2 62.4 102.4





#63

Azobenzene

Concen: 40.273 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

Tgt Ion: 77 Resp: 2597099

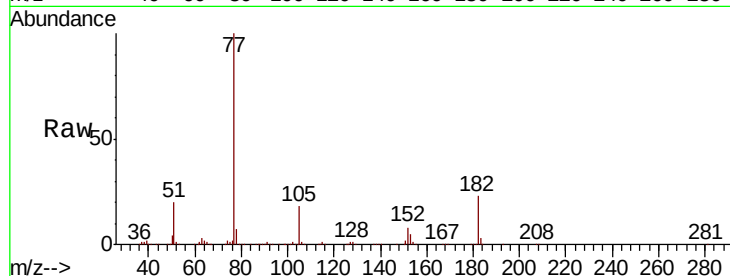
Ion Ratio Lower Upper

77 100

182 22.8 1.0 41.0

105 18.4 0.0 37.7

51 19.8 0.3 40.3

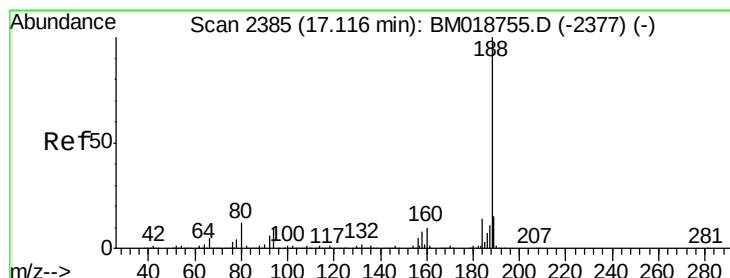
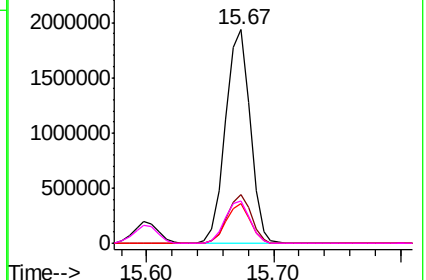
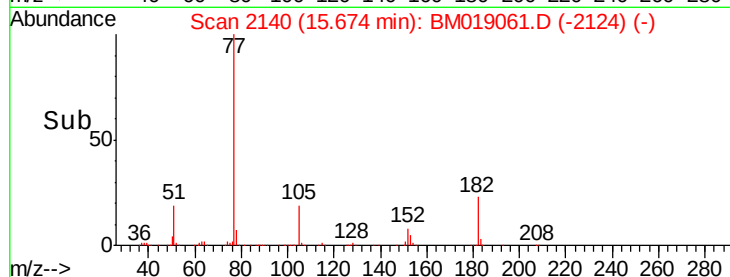


Abundance Ion 77.00 (76.70 to 77.70): BM019061.D (-2124) (-)

Ion 182.00 (181.70 to 182.70): BM019061.D (-2124) (-)

Ion 105.00 (104.70 to 105.70): BM019061.D (-2124) (-)

Ion 51.00 (50.70 to 51.70): BM019061.D (-2124) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

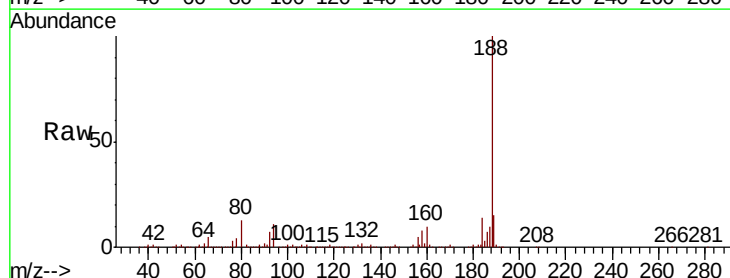
Tgt Ion: 188 Resp: 1408629

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.2

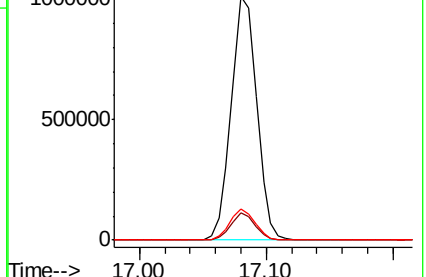
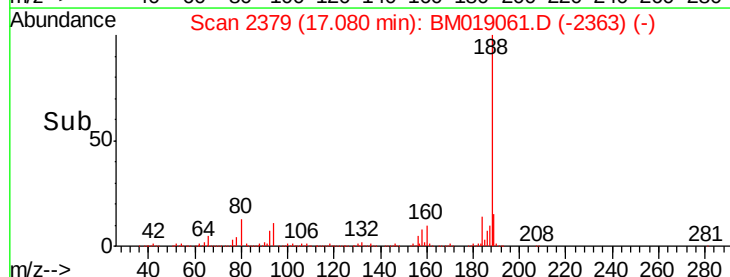
80 12.9 9.7 14.5

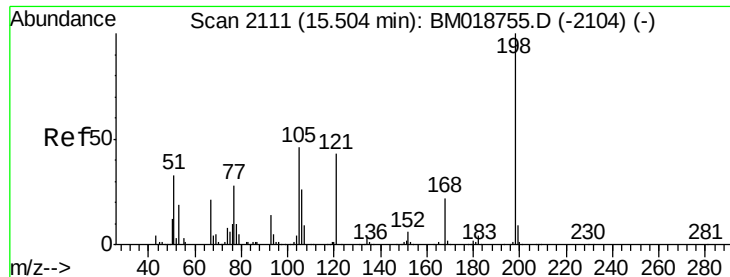


Abundance Ion 188.00 (187.70 to 188.70): BM019061.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BM019061.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019061.D (-2363) (-)

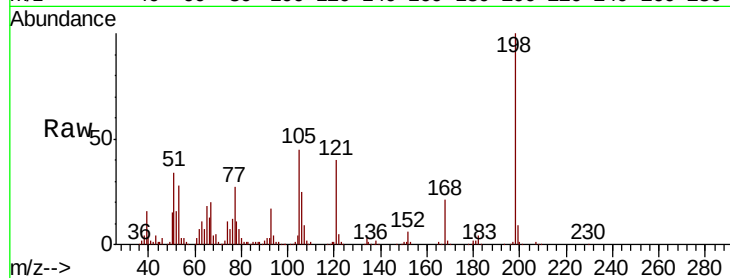




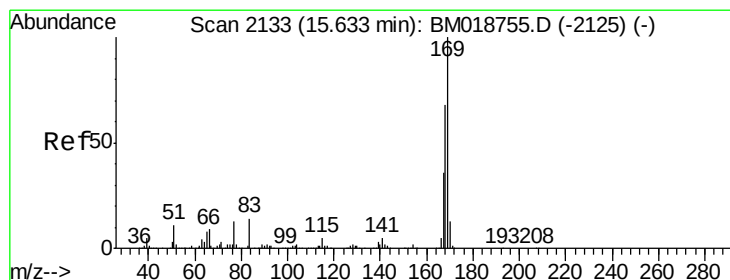
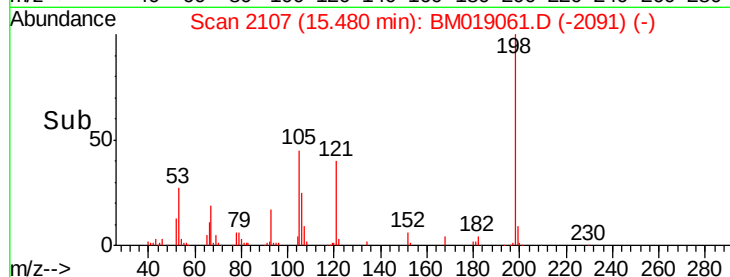
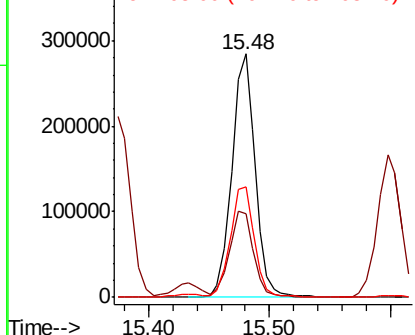
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.713 ng  
RT: 15.48 min Scan# 2107  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

Tgt Ion:198 Resp: 382875  
Ion Ratio Lower Upper  
198 100  
51 34.2 18.4 58.4  
105 45.2 27.2 67.2

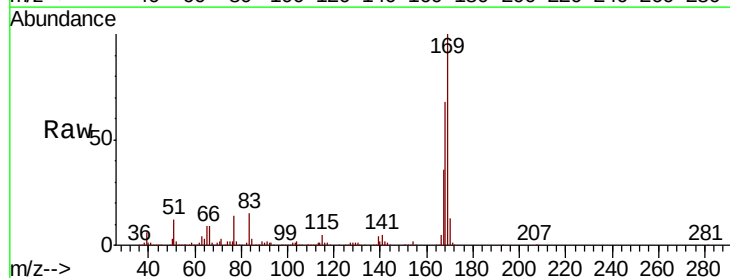


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BM  
Ion 105.00 (104.70 to 105.70): E

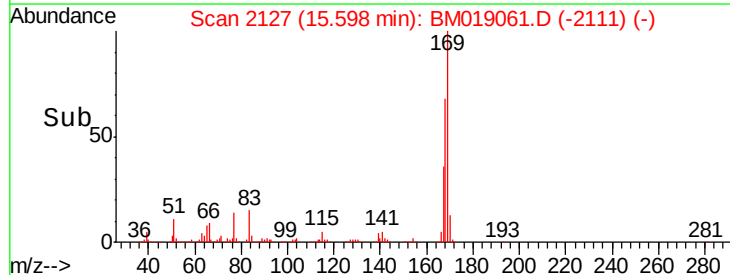
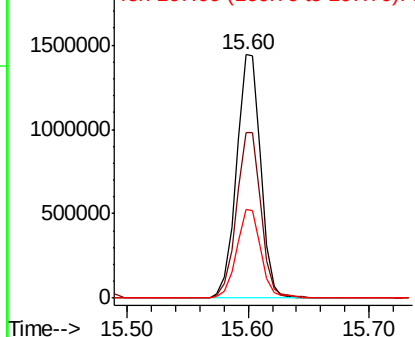


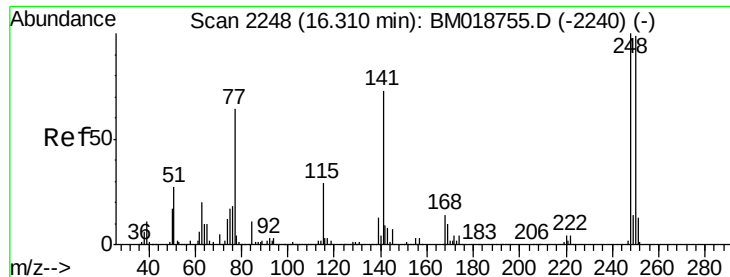
#66  
n-Nitrosodiphenylamine  
Concen: 45.036 ng  
RT: 15.60 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion:169 Resp: 2004277  
Ion Ratio Lower Upper  
169 100  
168 68.1 54.4 81.6  
167 36.3 29.0 43.6



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

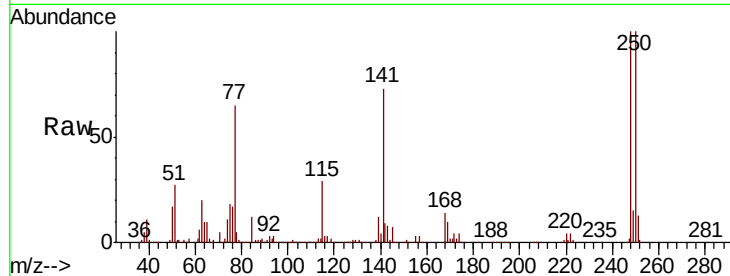




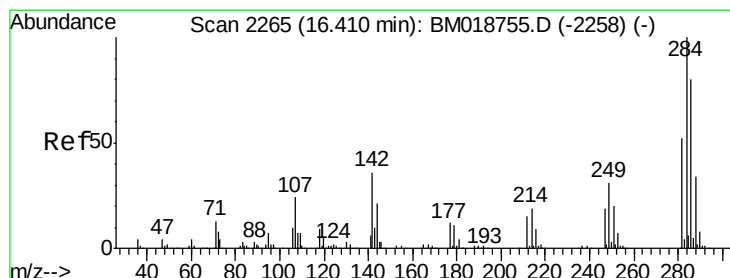
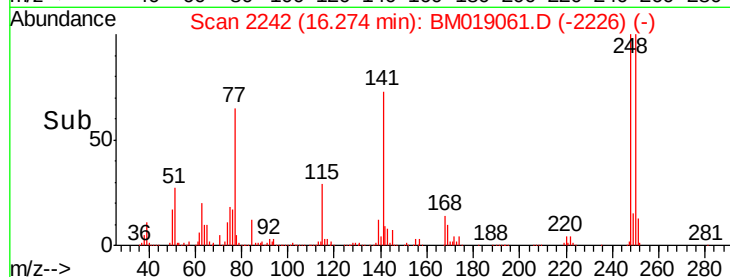
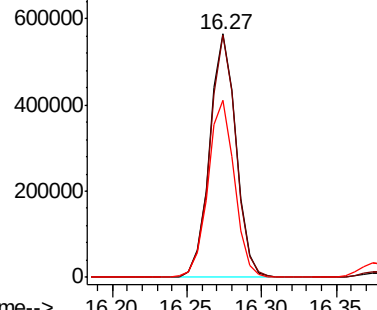
#67  
4-Bromophenyl-phenylether  
Concen: 44.115 ng  
RT: 16.27 min Scan# 2242  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

Tgt Ion:248 Resp: 695571  
Ion Ratio Lower Upper  
248 100  
250 99.8 79.0 118.6  
141 72.6 58.6 88.0

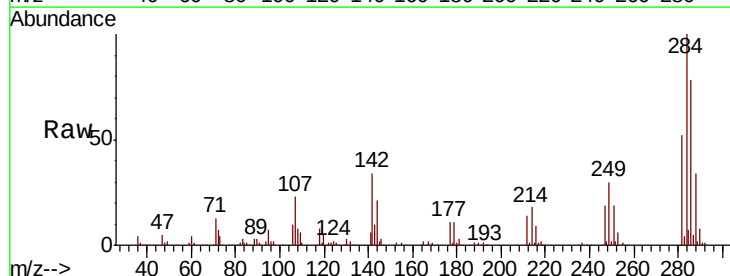


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

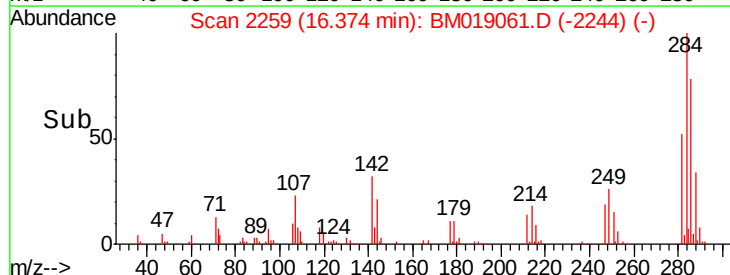
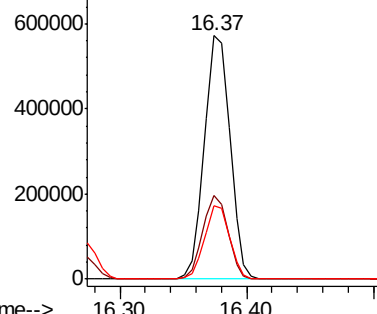


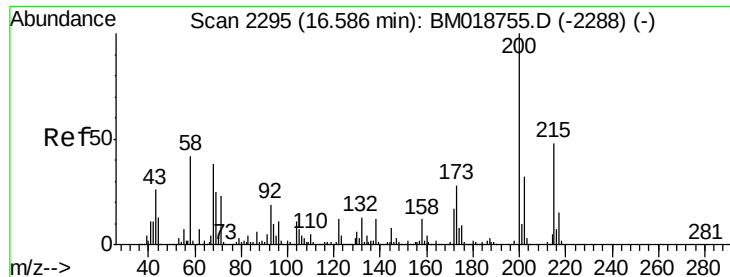
#68  
Hexachlorobenzene  
Concen: 43.583 ng  
RT: 16.37 min Scan# 2259  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion:284 Resp: 798745  
Ion Ratio Lower Upper  
284 100  
142 34.2 28.9 43.3  
249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.941 ng

RT: 16.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

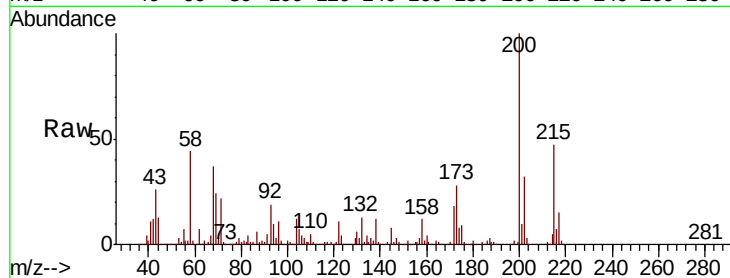
Tgt Ion:200 Resp: 587402

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

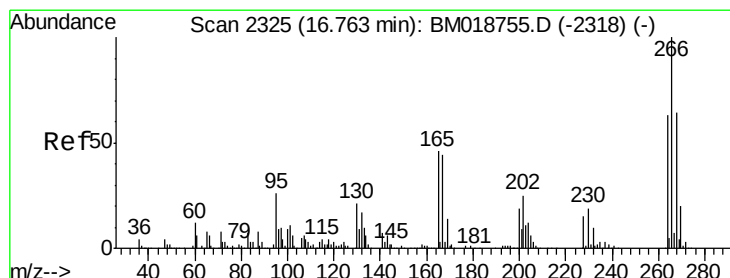
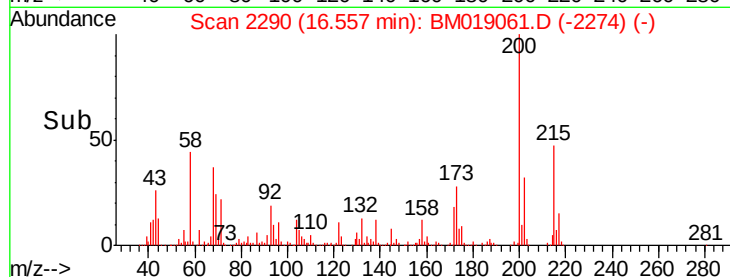
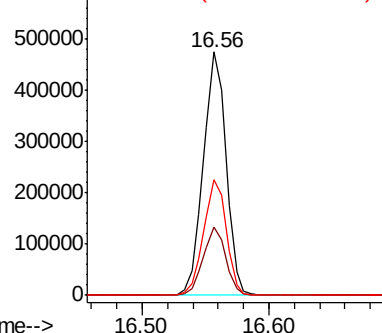
215 47.4 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.420 ng

RT: 16.73 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

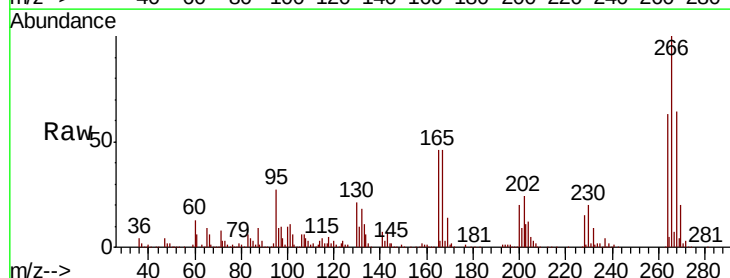
Tgt Ion:266 Resp: 465175

Ion Ratio Lower Upper

266 100

268 63.7 51.3 76.9

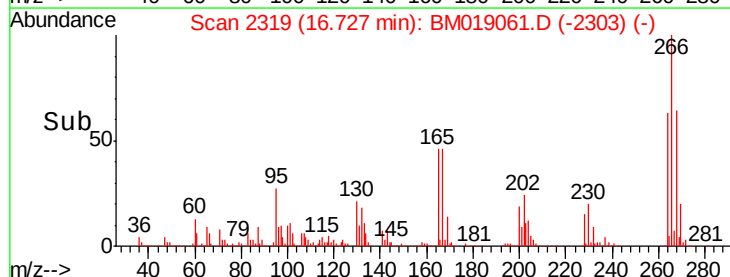
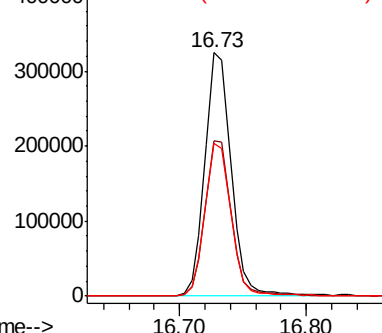
264 62.8 50.6 75.8

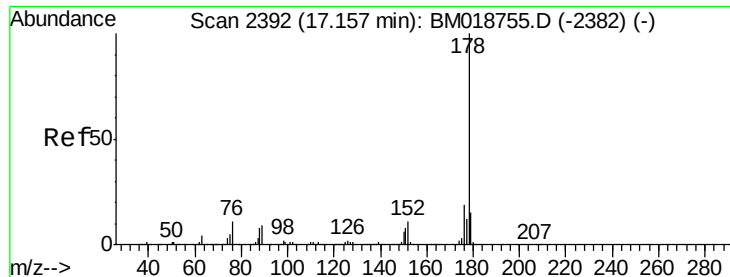


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

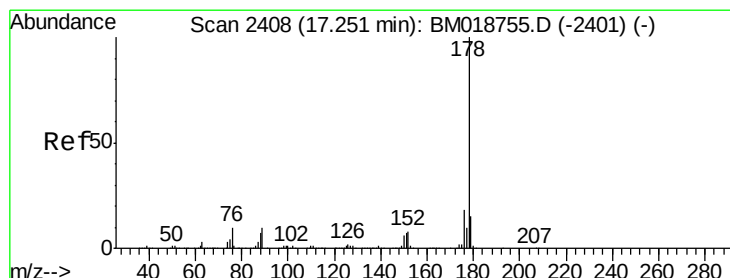
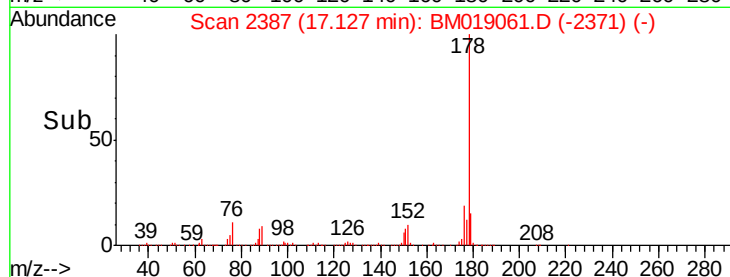
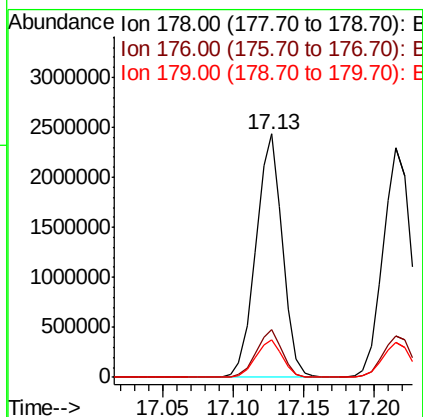
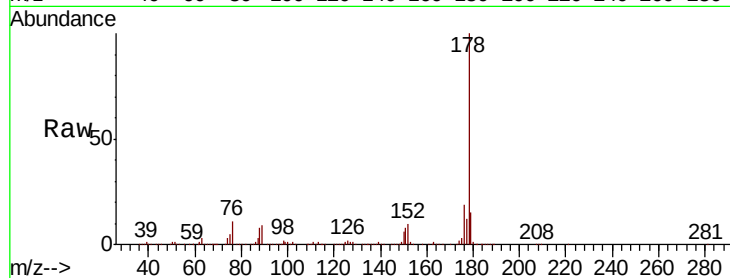




#71  
Phenanthrene  
Concen: 42.502 ng  
RT: 17.13 min Scan# 2387  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

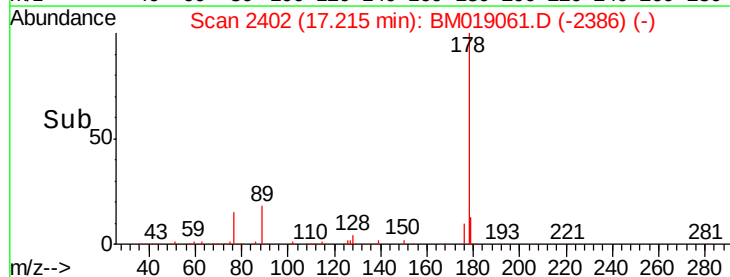
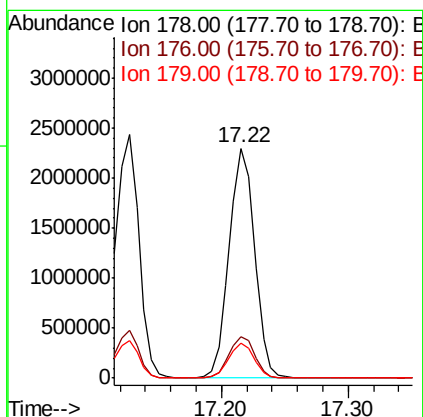
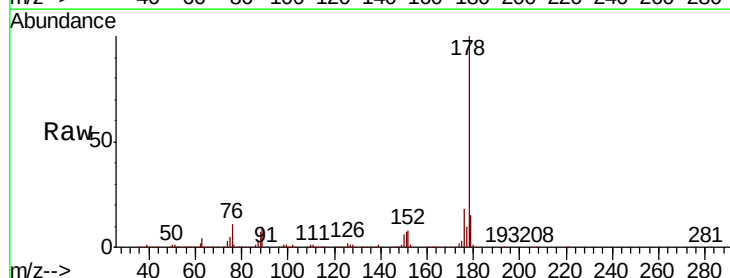
Instrument :  
BNA\_M  
ClientSampleId :  
EXT-028-SW002-022719

Tgt Ion:178 Resp: 3217507  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.4 12.3 18.5

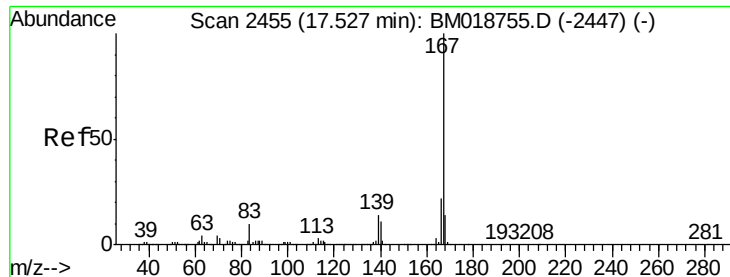


#72  
Anthracene  
Concen: 43.157 ng  
RT: 17.22 min Scan# 2402  
Delta R.T. -0.01 min  
Lab File: BM019061.D  
Acq: 06 Mar 2019 07:18

Tgt Ion:178 Resp: 3179898  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.8 22.2  
179 15.4 12.1 18.1







#73

Carbazole

Concen: 40.002 ng

RT: 17.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

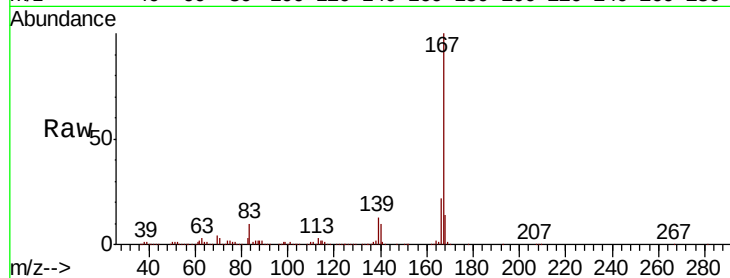
Tgt Ion:167 Resp: 3079401

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

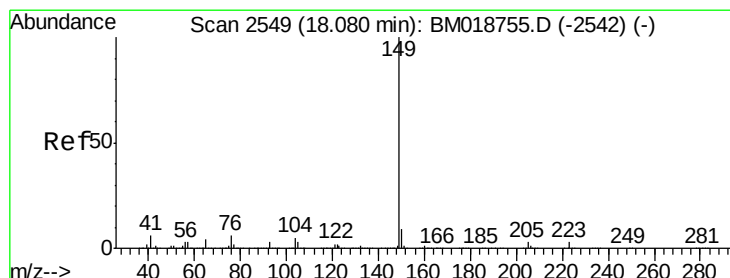
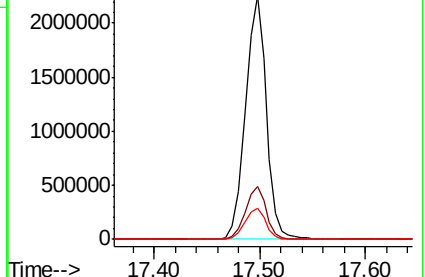
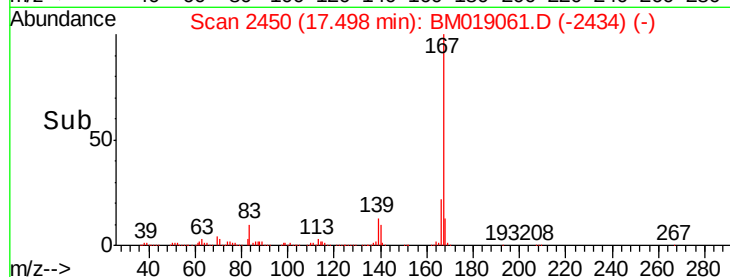
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.669 ng

RT: 18.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

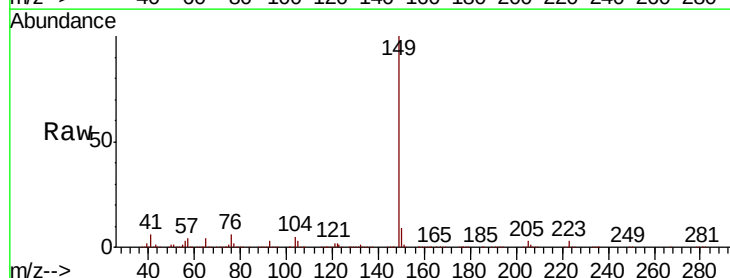
Tgt Ion:149 Resp: 3777599

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

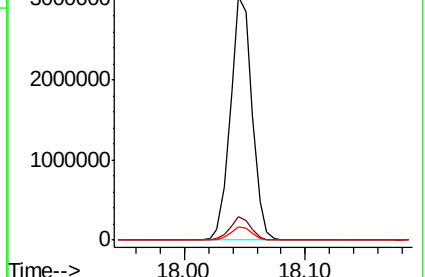
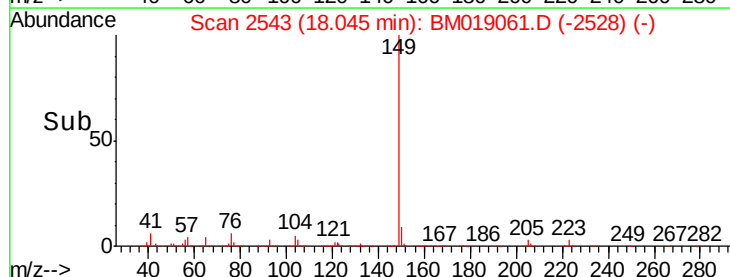
104 5.2 4.3 6.5

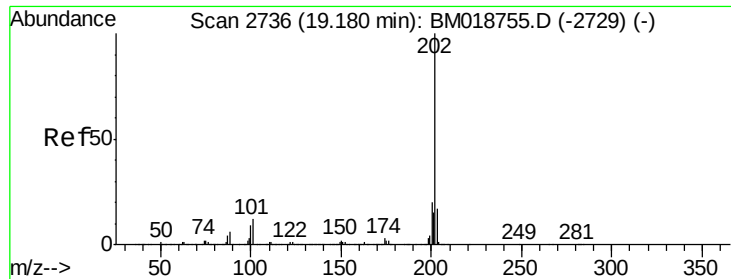


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.604 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

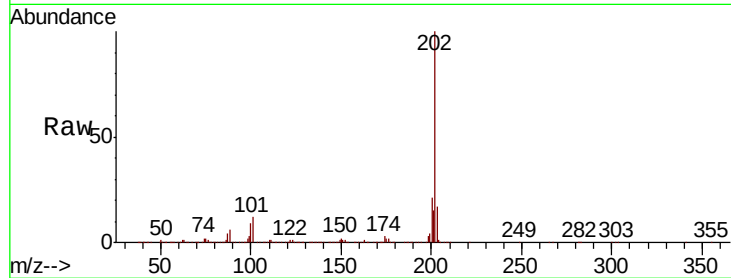
Tgt Ion:202 Resp: 3288276

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

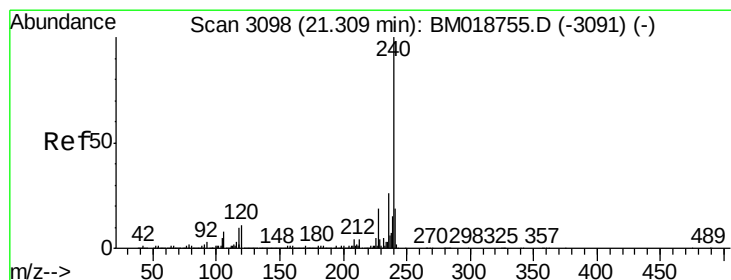
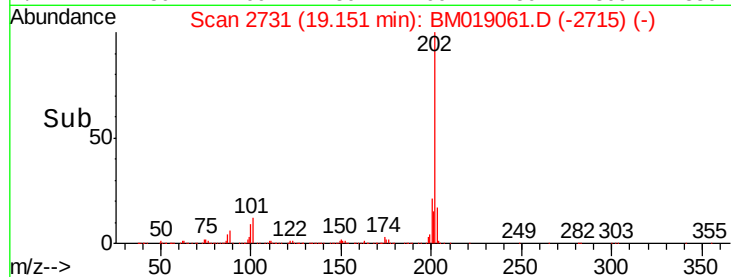
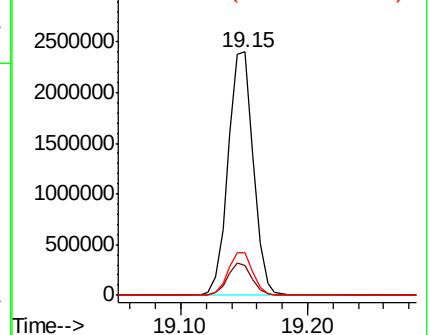
203 17.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

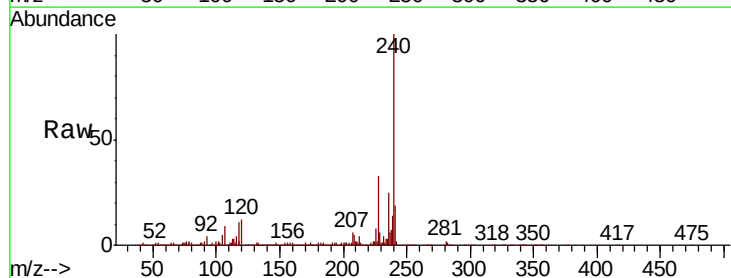
Tgt Ion:240 Resp: 1224208

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

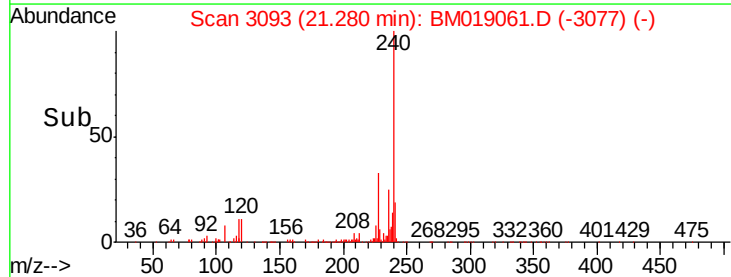
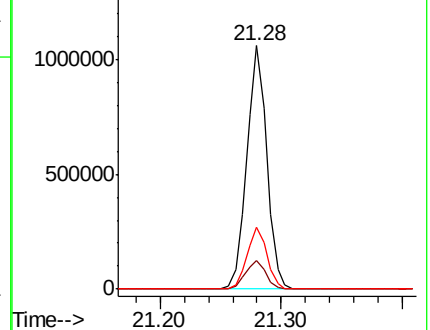
236 25.3 20.9 31.3

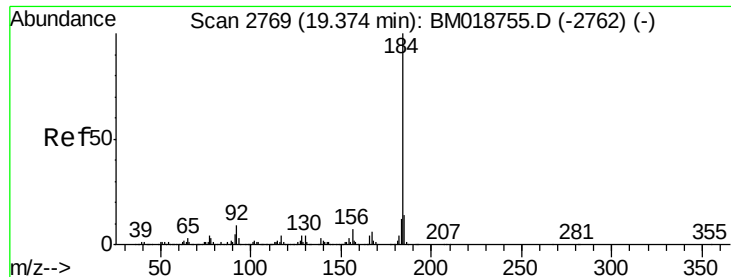


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.977 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

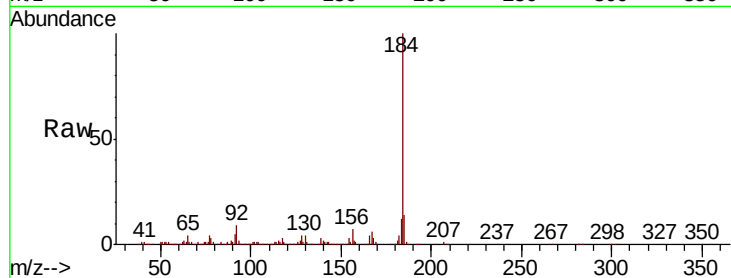
Tgt Ion:184 Resp: 1515753

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 12.1 9.7 14.5

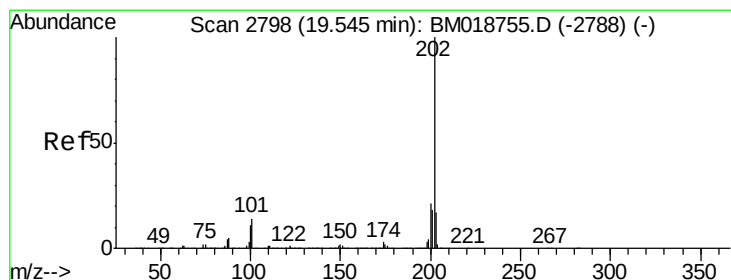
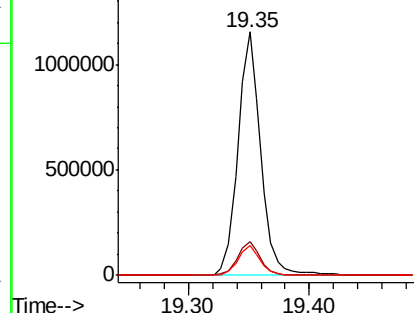
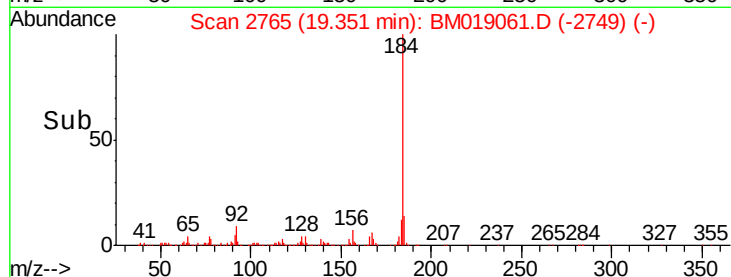


Abundance

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: 47.029 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

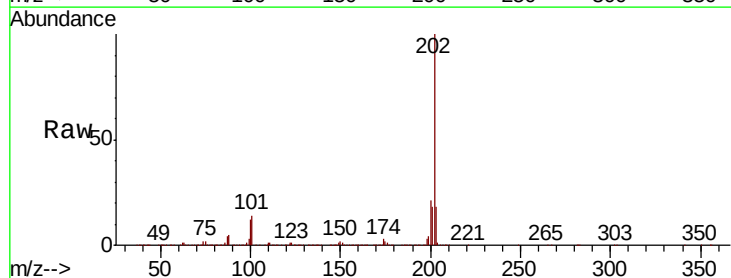
Tgt Ion:202 Resp: 3343803

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.5 13.8 20.8

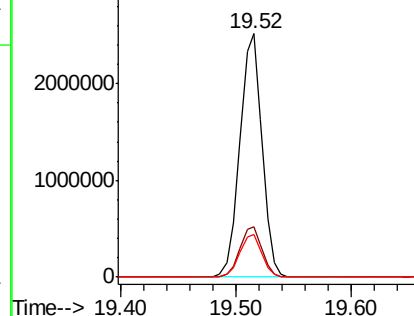
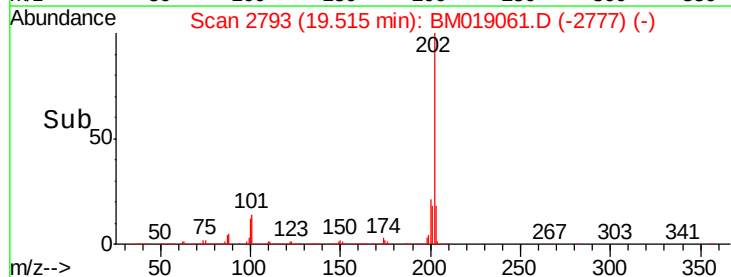


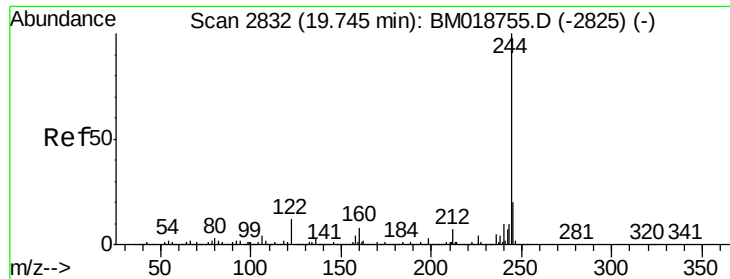
Abundance

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: 91.471 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

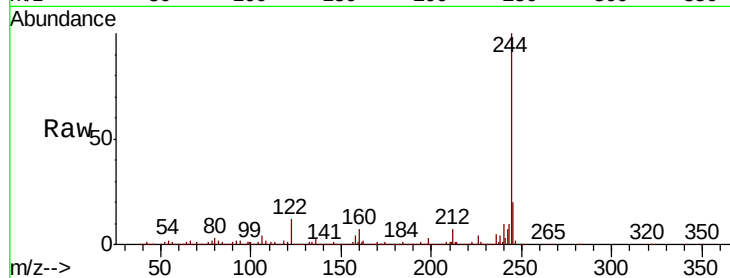
Tgt Ion:244 Resp: 5428270

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

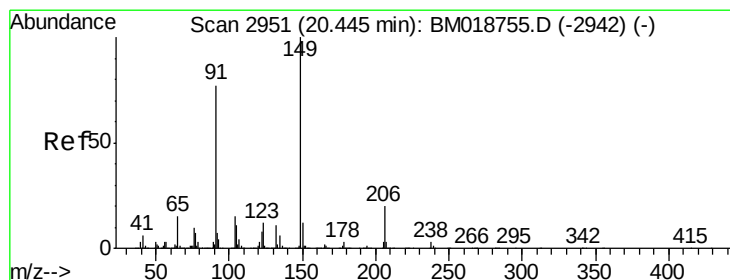
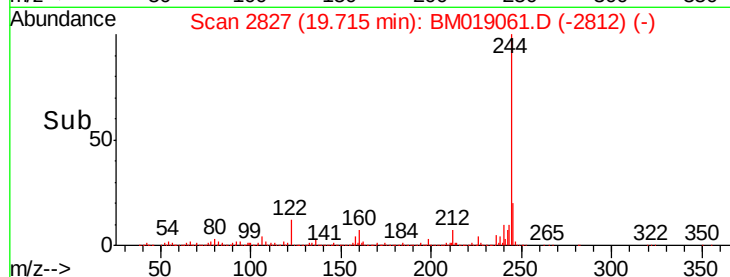
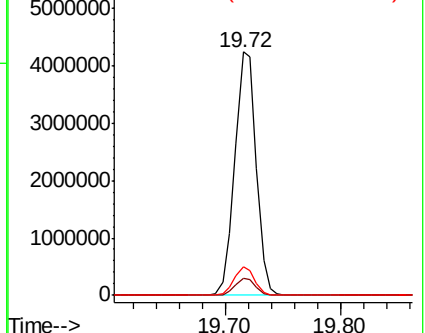
122 11.9 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.420 ng

RT: 20.42 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

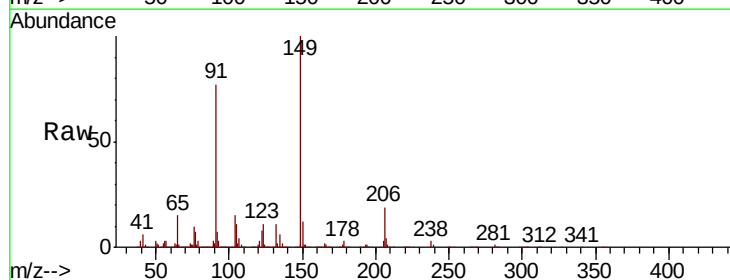
Tgt Ion:149 Resp: 1536585

Ion Ratio Lower Upper

149 100

91 77.0 61.4 92.0

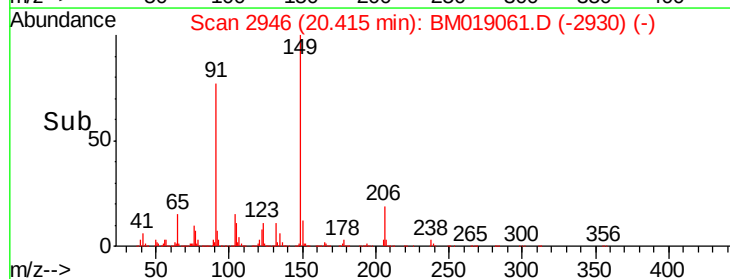
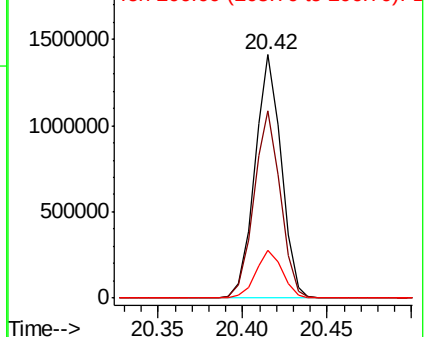
206 19.5 15.8 23.8

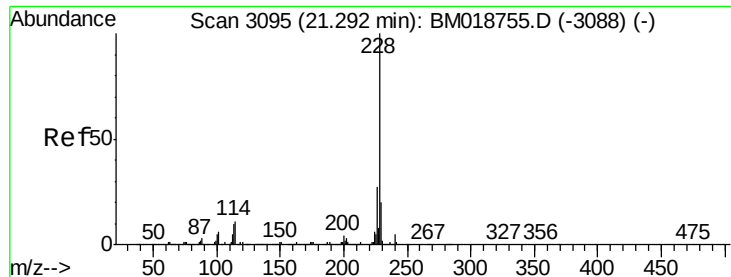


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.393 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

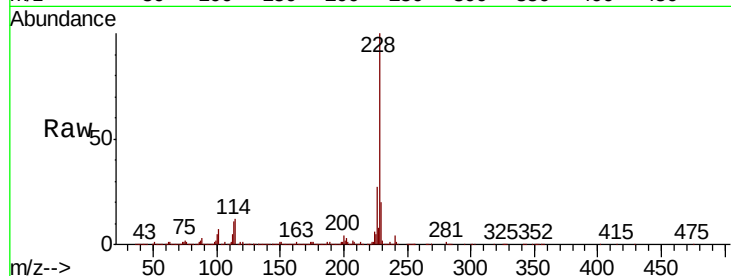
Tgt Ion:228 Resp: 3025234

Ion Ratio Lower Upper

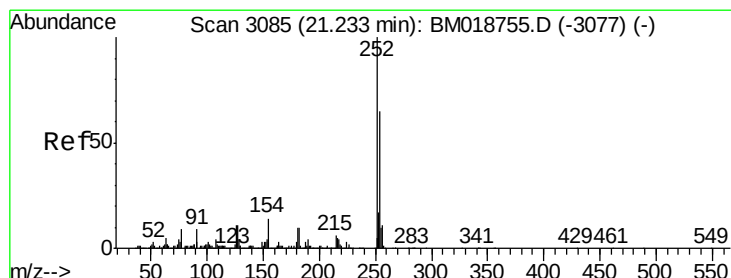
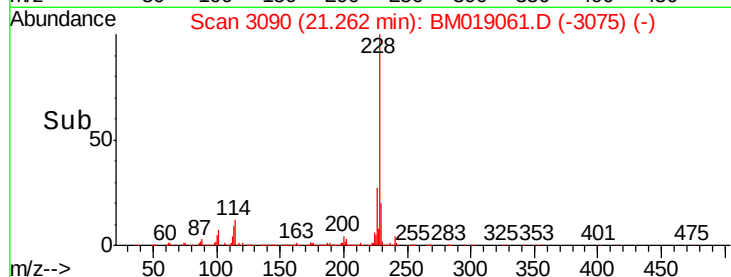
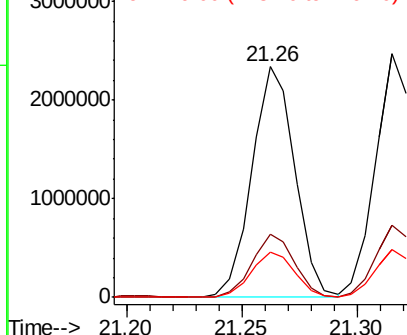
228 100

226 27.1 21.9 32.9

229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.921 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

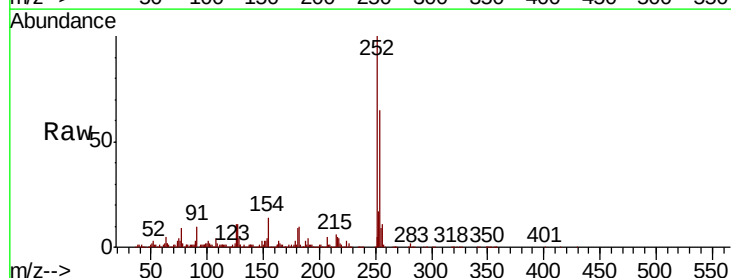
Tgt Ion:252 Resp: 1238697

Ion Ratio Lower Upper

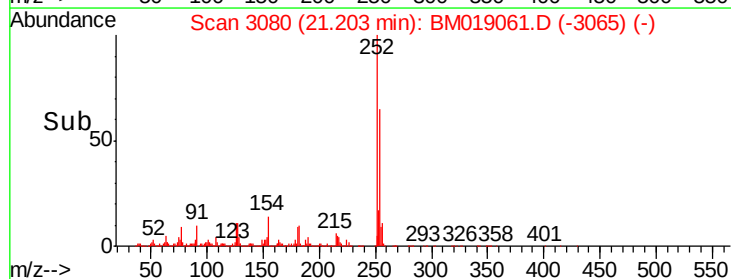
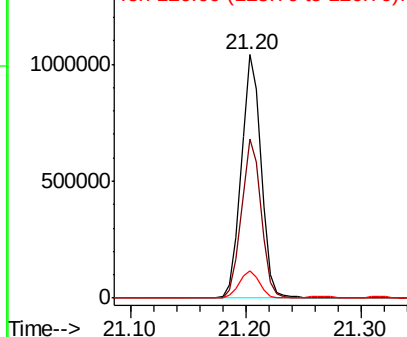
252 100

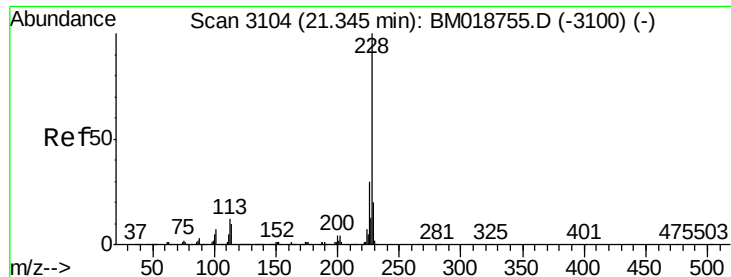
254 65.2 51.8 77.8

126 11.5 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.645 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

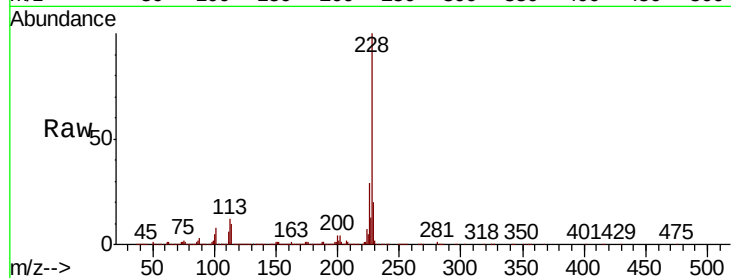
Tgt Ion:228 Resp: 2916896

Ion Ratio Lower Upper

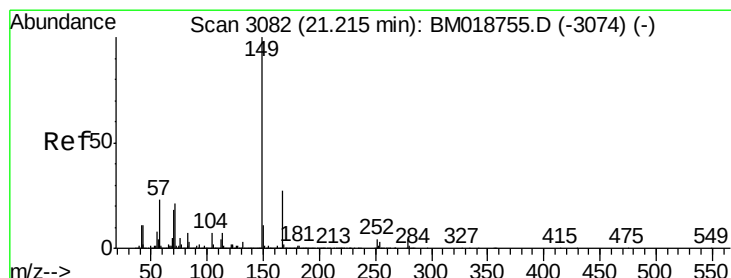
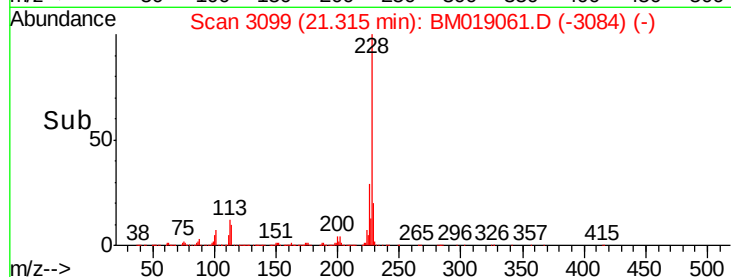
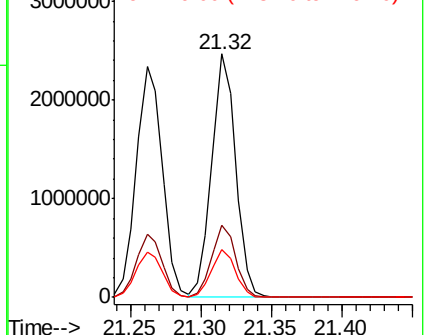
228 100

226 29.5 24.1 36.1

229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.713 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

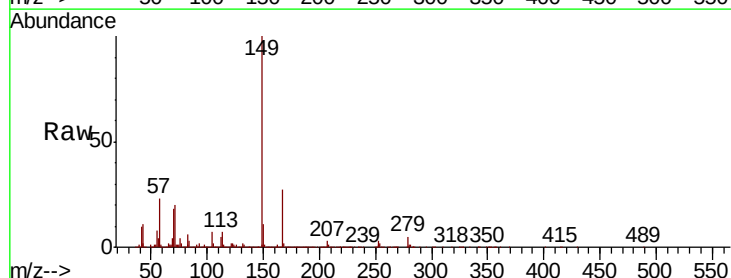
Tgt Ion:149 Resp: 2168005

Ion Ratio Lower Upper

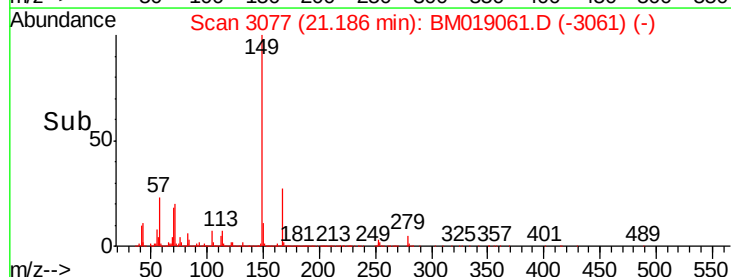
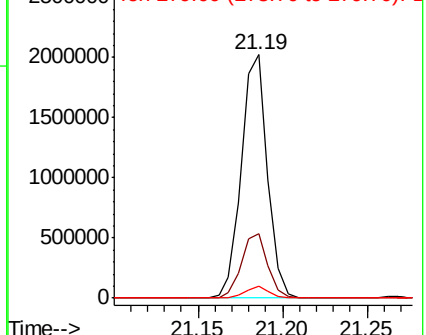
149 100

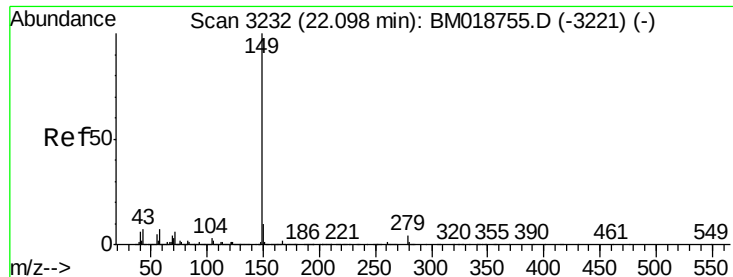
167 26.7 21.8 32.6

279 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.618 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

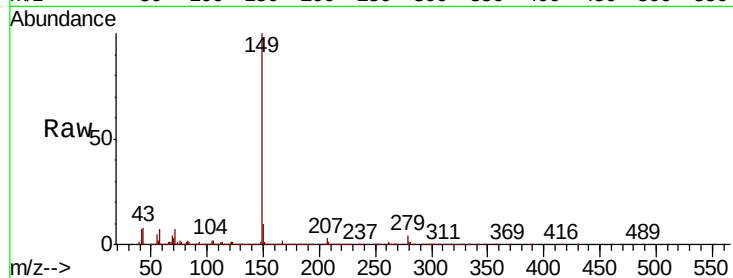
Tgt Ion:149 Resp: 3476756

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

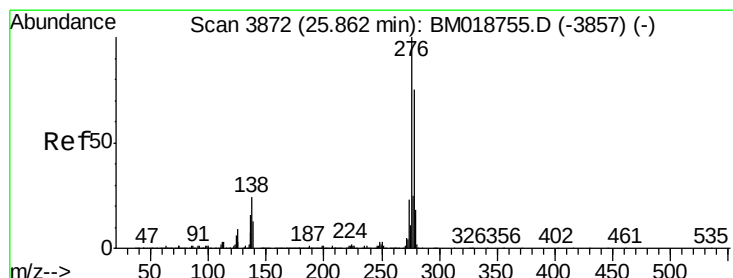
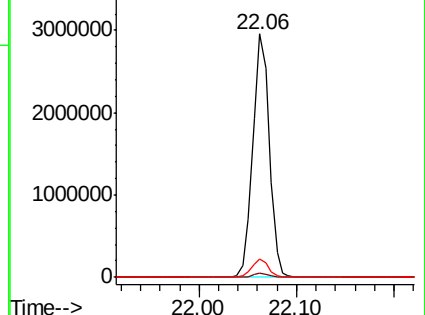
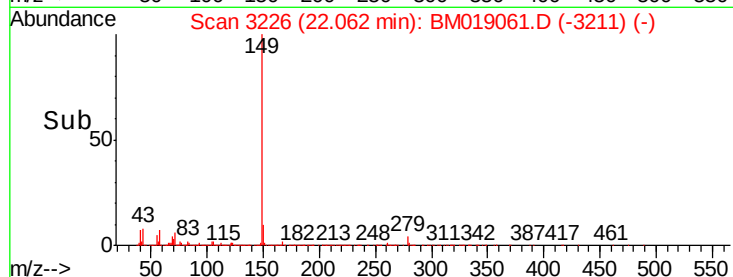
43 7.5 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.016 ng

RT: 25.80 min Scan# 3862

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

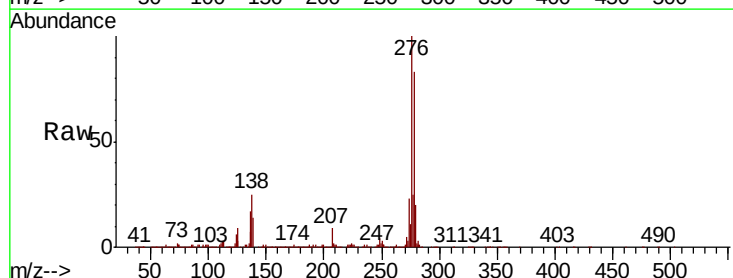
Tgt Ion:276 Resp: 4107663

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.4

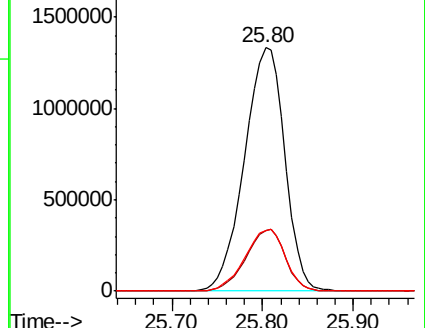
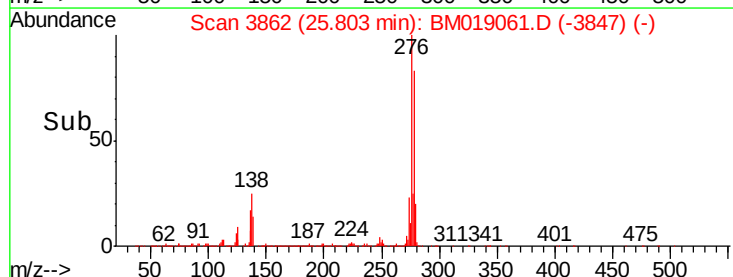
277 25.4 20.3 30.5

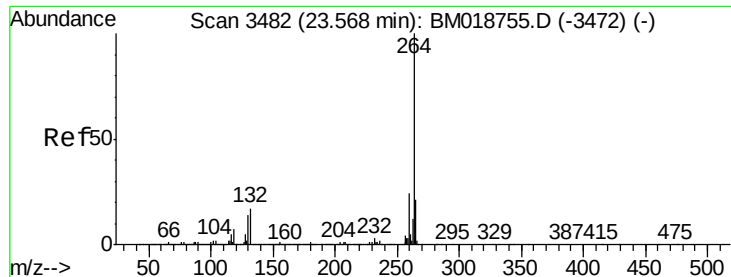


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

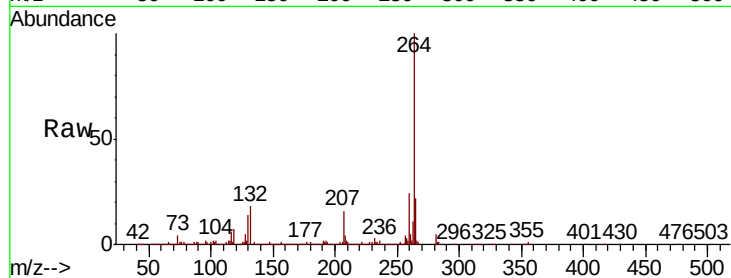
Tgt Ion:264 Resp: 1325236

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

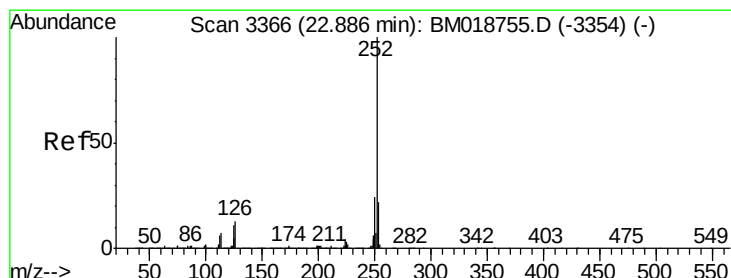
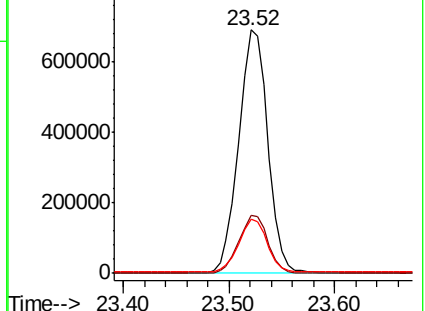
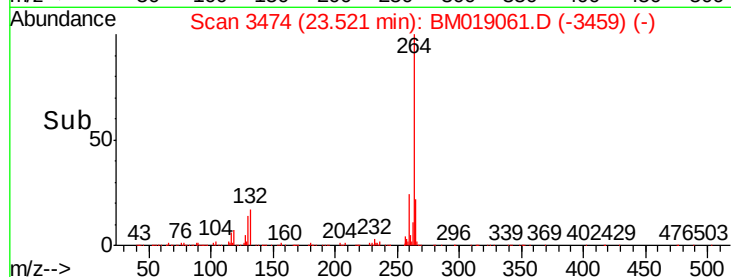
265 22.5 17.3 25.9



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: 41.231 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

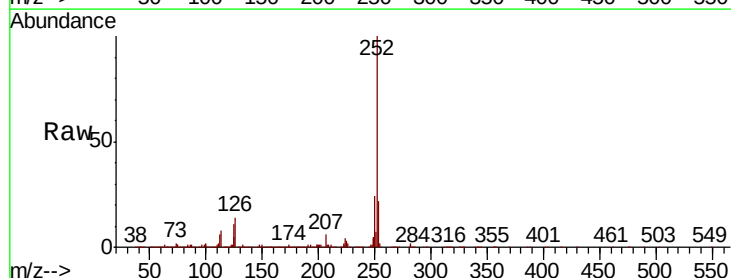
Tgt Ion:252 Resp: 3126226

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

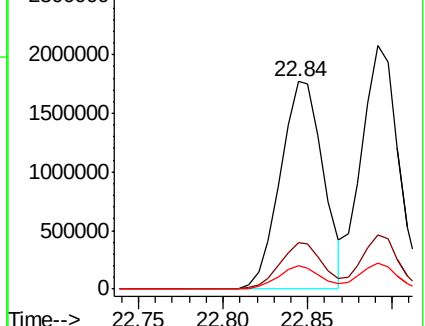
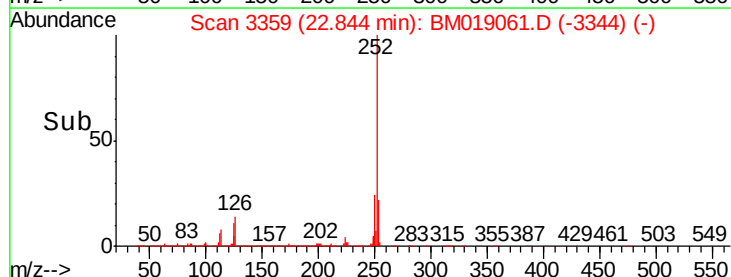
125 11.0 8.6 12.8



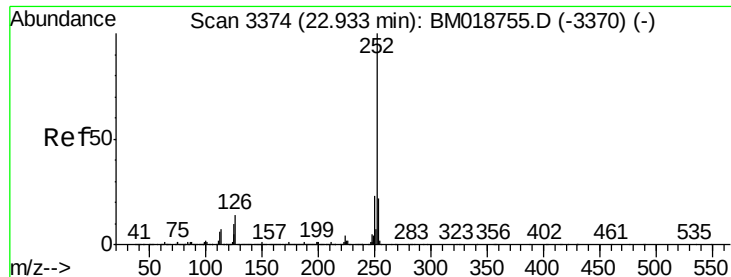
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 41.682 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

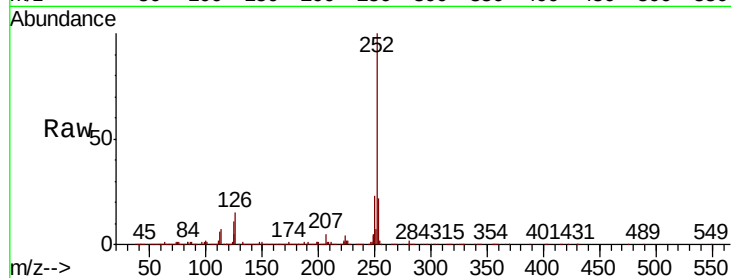
Tgt Ion:252 Resp: 3146386

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

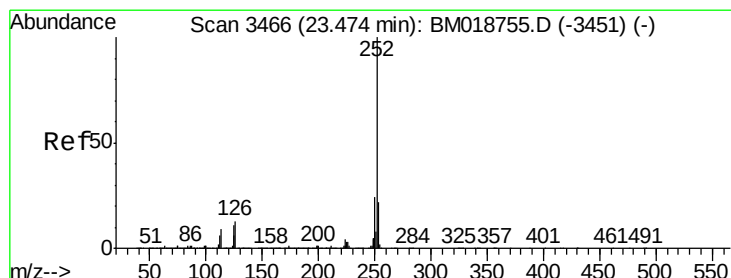
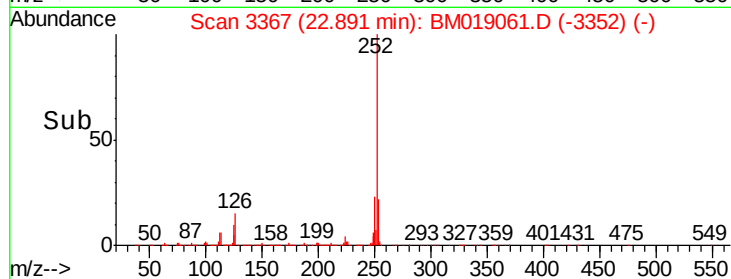
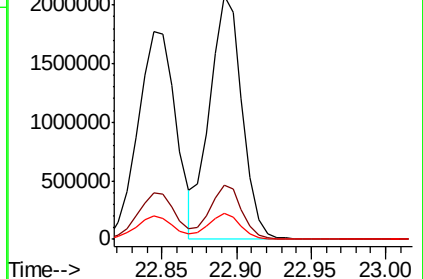
125 10.6 8.2 12.4



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



#90

Benzo(a)pyrene

Concen: 42.746 ng

RT: 23.43 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

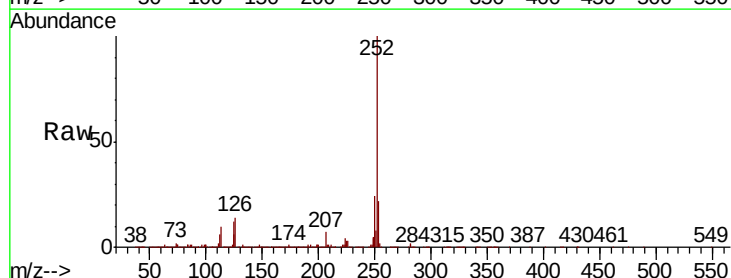
Tgt Ion:252 Resp: 3070329

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

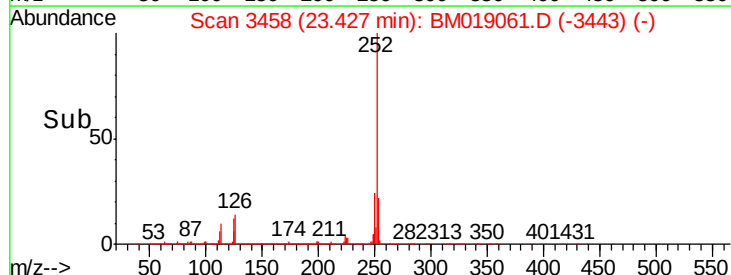
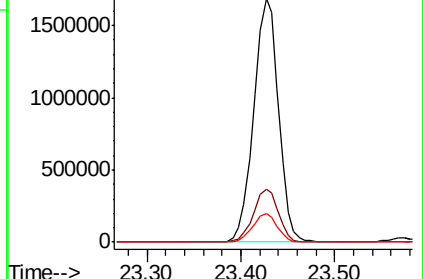
125 11.9 8.6 13.0

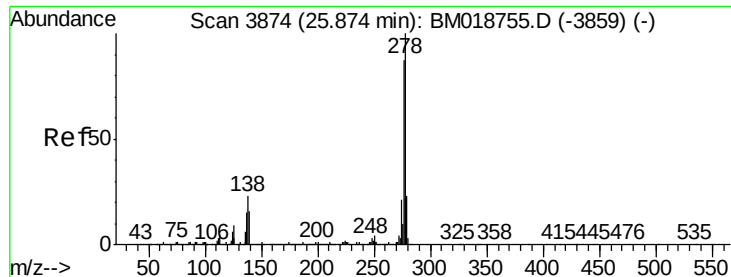


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.651 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

Instrument :

BNA\_M

ClientSampleId :

EXT-028-SW002-022719

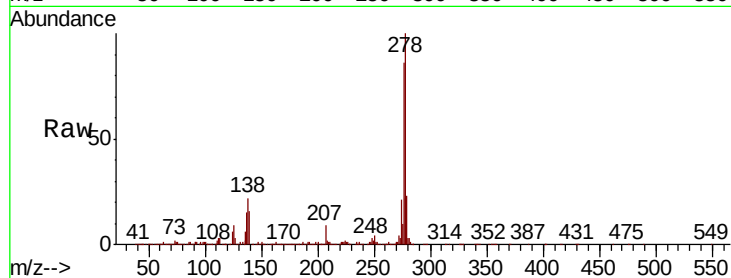
Tgt Ion:278 Resp: 3462122

Ion Ratio Lower Upper

278 100

139 15.8 12.6 18.8

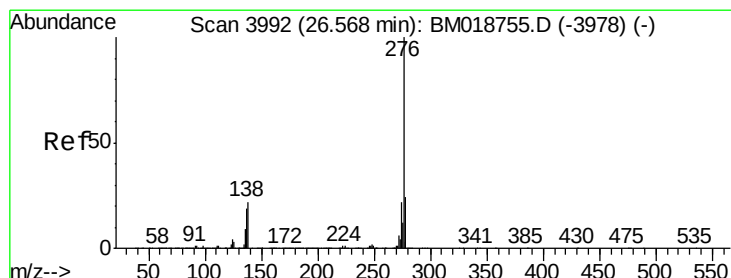
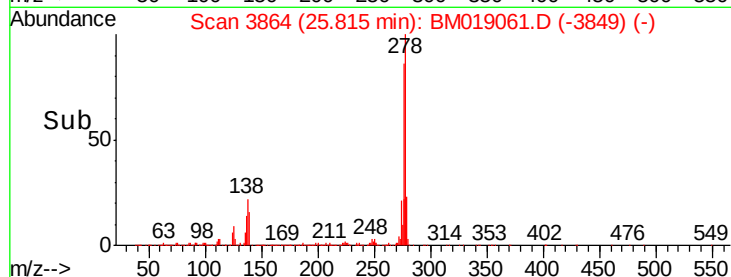
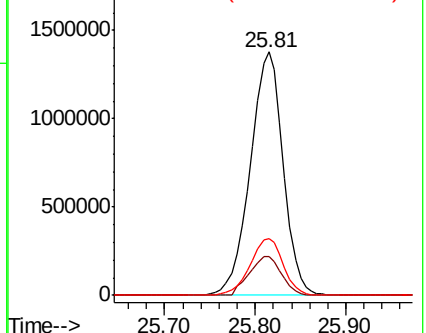
279 23.5 18.6 28.0



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: 50.332 ng

RT: 26.50 min Scan# 3981

Delta R.T. -0.01 min

Lab File: BM019061.D

Acq: 06 Mar 2019 07:18

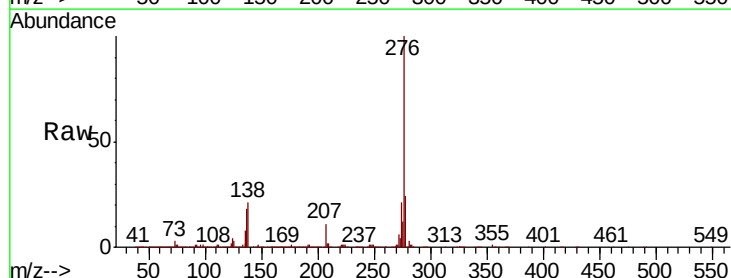
Tgt Ion:276 Resp: 3334552

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.8 17.3 25.9



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

