

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\  
 Data File : BF110858.D  
 Acq On : 19 Nov 2018 17:32  
 Operator : JU/SJ  
 Sample : J5981-03 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

Manual Integrations  
 APPROVED

Sohil

Quant Time: Nov 20 01:32:15 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

11/20/2018 11:07:39 AM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 62334    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 258040   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.98  | 164  | 116775   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.48 | 188  | 179720   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.15 | 240  | 126505   | 20.00 | ng    | 0.01     |
| 87) Perylene-d12          | 15.67 | 264  | 107765   | 20.00 | ng    | 0.02     |

#### System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 131378 | 34.23 | ng | 0.00  |
| 7) Phenol-d6             | 6.56  | 99  | 169289 | 34.50 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 103659 | 23.13 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 33153  | 28.18 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.29  | 172 | 180581 | 22.09 | ng | -0.01 |
| 79) Terphenyl-d14        | 13.06 | 244 | 135381 | 20.04 | ng | -0.01 |

#### Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.75 | 88  | 11216   | 5.866  | ng | # 88   |
| 3) Pyridine                    | 3.59 | 79  | 27826   | 6.742  | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.53 | 42  | 13612   | 7.687  | ng | # 92   |
| 6) Aniline                     | 6.61 | 93  | 26248   | 4.102  | ng | # 62   |
| 8) 2-Chlorophenol              | 6.73 | 128 | 41000   | 9.114  | ng | 98     |
| 9) Benzaldehyde                | 6.50 | 77  | 18241   | 4.765  | ng | 99     |
| 10) Phenol                     | 6.58 | 94  | 70782   | 12.439 | ng | # 67   |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 37068   | 8.692  | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.88 | 146 | 40802   | 8.289  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 42661   | 8.535  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146 | 40762   | 8.766  | ng | 98     |
| 15) Benzyl Alcohol             | 7.09 | 79  | 33449   | 8.710  | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 58464   | 8.730  | ng | 80     |
| 17) 2-Methylphenol             | 7.19 | 107 | 34943   | 9.760  | ng | # 83   |
| 18) Hexachloroethane           | 7.45 | 117 | 12763   | 6.916  | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.34 | 70  | 27789   | 8.871  | ng | 94     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 52503m  | 11.423 | ng |        |
| 22) Acetophenone               | 7.35 | 105 | 59207   | 9.845  | ng | # 91   |
| 24) Nitrobenzene               | 7.52 | 77  | 41858   | 9.118  | ng | 97     |
| 25) Isophorone                 | 7.76 | 82  | 74957   | 10.207 | ng | 98     |
| 26) 2-Nitrophenol              | 7.85 | 139 | 17316   | 7.561  | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 38671   | 11.087 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 47519   | 9.557  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 33036   | 9.205  | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 35328   | 8.731  | ng | 95     |
| 31) Naphthalene                | 8.25 | 128 | 961746  | 79.394 | ng | 100    |
| 32) Benzoic acid               | 8.02 | 122 | 5767m   | 2.337  | ng |        |
| 33) 4-Chloroaniline            | 8.30 | 127 | 27088   | 4.937  | ng | 96     |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 19144   | 8.283  | ng | 98     |
| 35) Caprolactam                | 8.64 | 113 | 10059   | 8.389  | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 35427   | 9.153  | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 220447  | 27.760 | ng | 98     |
| 38) 1-Methylnaphthalene        | 9.03 | 142 | 195472m | 25.595 | ng |        |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 32947   | 8.913  | ng | 96     |

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Manual Integrations  
 APPROVED

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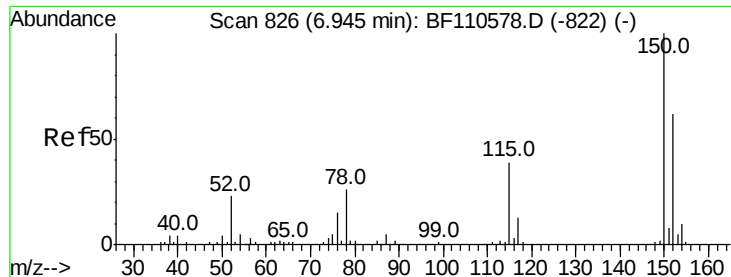
Quant Time: Nov 20 01:32:15 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

11/20/2018 11:07:39 AM

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 21330    | 9.183   | nq    | 95       |
| 44) 2,4,5-Trichlorophenol      | 9.27  | 196  | 22599    | 9.121   | nq    | 92       |
| 46) 1,1'-Biphenyl              | 9.40  | 154  | 166913   | 15.322  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 70961    | 9.042   | nq    | 98       |
| 48) 2-Nitroaniline             | 9.53  | 65   | 24510    | 10.135  | nq    | 95       |
| 49) Acenaphthylene             | 9.85  | 152  | 761090   | 67.340  | nq    | 99       |
| 50) Dimethylphthalate          | 9.69  | 163  | 103146   | 11.838  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 15531    | 8.103   | nq    | 94       |
| 52) Acenaphthene               | 10.02 | 154  | 243493   | 34.090  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 17464    | 7.864   | nq #  | 93       |
| 55) Dibenzofuran               | 10.19 | 168  | 550344   | 52.664  | nq    | 99       |
| 56) 4-Nitrophenol              | 10.13 | 139  | 18713    | 12.702  | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 17733    | 7.115   | nq #  | 1        |
| 58) Fluorene                   | 10.54 | 166  | 730931   | 91.062  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.32 | 232  | 16477    | 8.453   | nq #  | 80       |
| 60) Diethylphthalate           | 10.39 | 149  | 82531    | 9.574   | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 35430    | 8.525   | nq    | 99       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 16313    | 7.295   | nq    | 99       |
| 63) Azobenzene                 | 10.68 | 77   | 71159    | 8.461   | nq #  | 66       |
| 66) n-Nitrosodiphenylamine     | 10.64 | 169  | 66979    | 11.057  | nq    | 93       |
| 67) 4-Bromophenyl-phenylether  | 11.01 | 248  | 19277    | 9.705   | nq #  | 86       |
| 68) Hexachlorobenzene          | 11.09 | 284  | 18286    | 8.732   | nq #  | 93       |
| 69) Atrazine                   | 11.17 | 200  | 19761    | 10.669  | nq    | 97       |
| 70) Pentachlorophenol          | 11.30 | 266  | 11219    | 10.040  | nq    | 94       |
| 71) Phenanthrene               | 11.52 | 178  | 2965133  | 307.954 | nq    | 98       |
| 72) Anthracene                 | 11.57 | 178  | 1292298  | 133.051 | nq    | 100      |
| 73) Carbazole                  | 11.72 | 167  | 331466   | 35.535  | nq    | 100      |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 109294   | 9.992   | nq    | 100      |
| 75) Fluoranthene               | 12.73 | 202  | 3339663  | 345.964 | nq    | 97       |
| 77) Benzidine                  | 12.83 | 184  | 37577    | 10.801  | nq    | 97       |
| 78) Pyrene                     | 12.96 | 202  | 2751581  | 282.486 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 42324    | 10.095  | nq    | 96       |
| 81) Benzo(a)anthracene         | 14.14 | 228  | 1661581  | 219.747 | nq #  | 87       |
| 82) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 26191    | 10.340  | nq #  | 97       |
| 83) Chrysene                   | 14.18 | 228  | 1185821  | 164.613 | nq    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 61933    | 11.908  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.69 | 149  | 107366   | 14.038  | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.27 | 276  | 516889   | 99.992  | nq    | 96       |
| 88) Benzo(b)fluoranthene       | 15.23 | 252  | 1370558m | 212.593 | nq    |          |
| 89) Benzo(k)fluoranthene       | 15.26 | 252  | 541861m  | 85.061  | nq    |          |
| 90) Benzo(a)pyrene             | 15.62 | 252  | 961920   | 164.221 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.26 | 278  | 166490m  | 33.588  | nq    |          |
| 92) Benzo(g,h,i)perylene       | 17.75 | 276  | 431599   | 87.757  | nq    | 100      |

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





#1

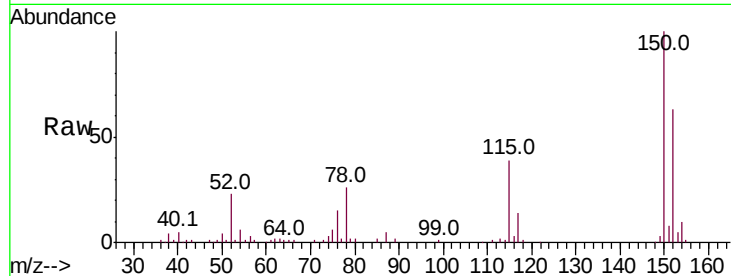
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.94 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.9 | 122.7 | 184.1 |
| 115     | 61.2  | 49.1  | 73.7  |

Manual Integrations  
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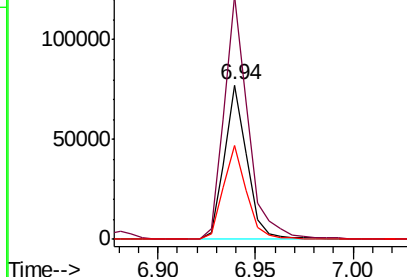
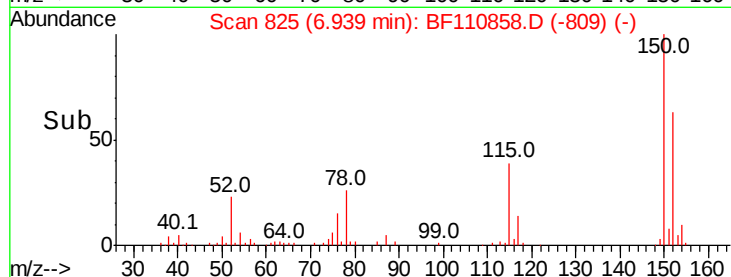


Abundance

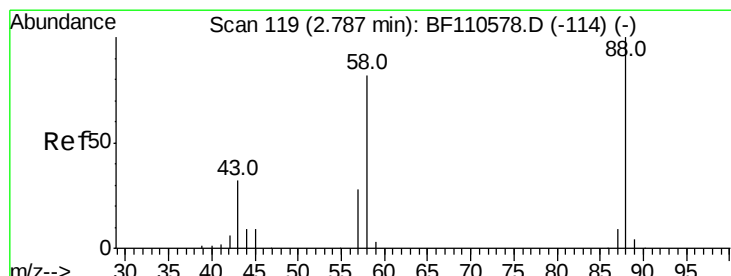
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



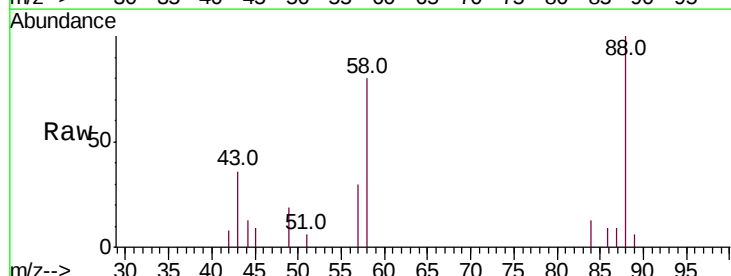
11/20/2018 11:07:39 AM



#2

1,4-Dioxane  
Concen: 5.866 ng  
RT: 2.75 min Scan# 113  
Delta R.T. -0.04 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.5  | 57.1  | 85.7  |
| 43      | 42.8  | 24.1  | 36.1  |

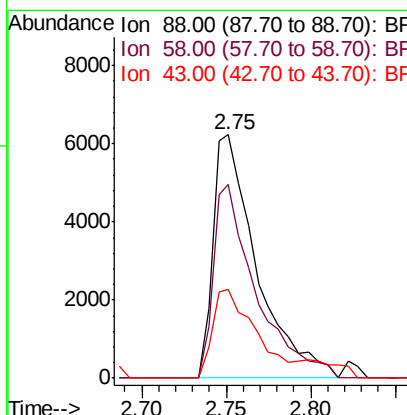
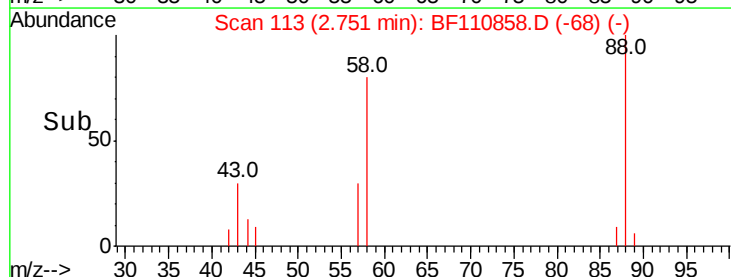


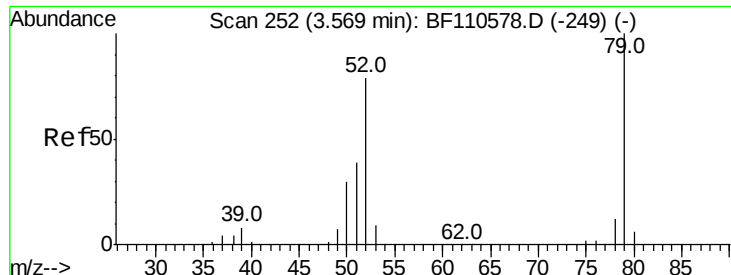
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.742 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.02 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

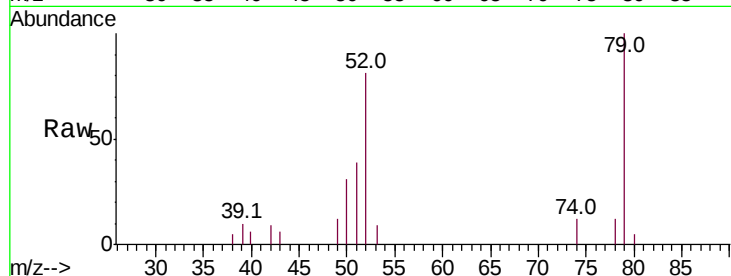
ClientSampleId :

DTW-02(11-13)MS

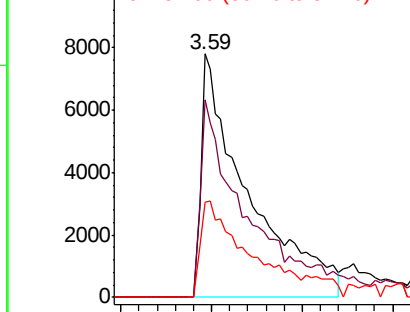
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 27826 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 80.9  | 53.1  | 79.7# |
| 51       | 39.1  | 27.4  | 41.2  |

Manual Integrations  
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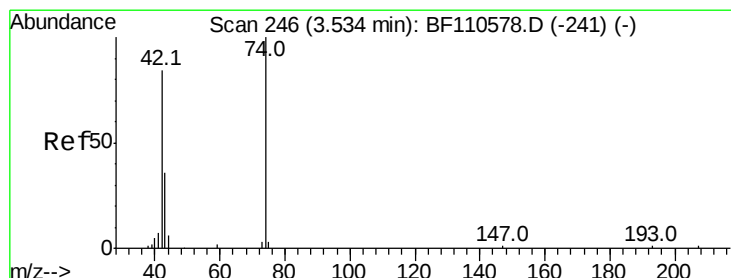
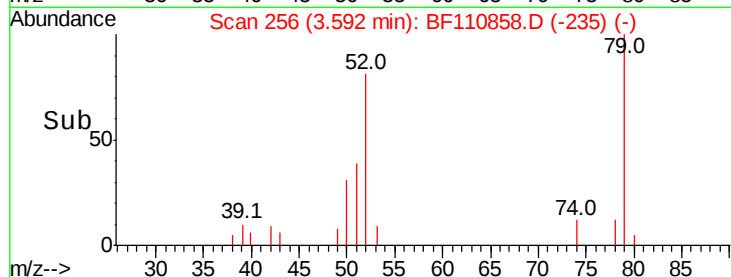
Sohil



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



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#4

n-Nitrosodimethylamine

Concen: 7.687 ng

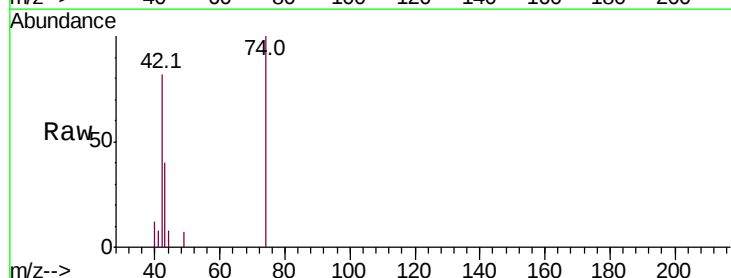
RT: 3.53 min Scan# 245

Delta R.T. -0.01 min

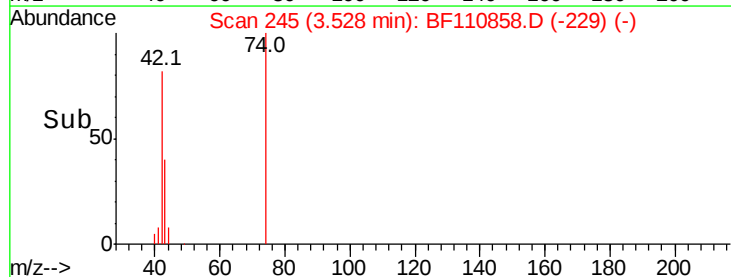
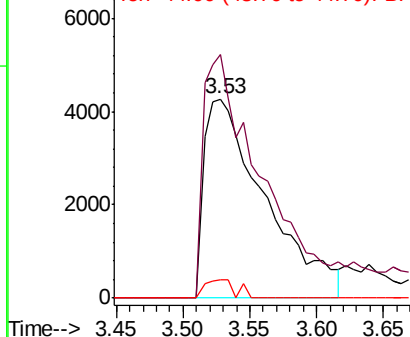
Lab File: BF110858.D

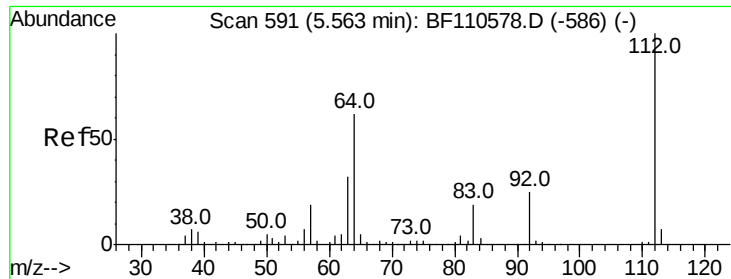
Acq: 19 Nov 2018 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 13612 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 122.2 | 105.5 | 158.3 |
| 44       | 9.5   | 4.9   | 7.3#  |



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 34.235 ng

RT: 5.56 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

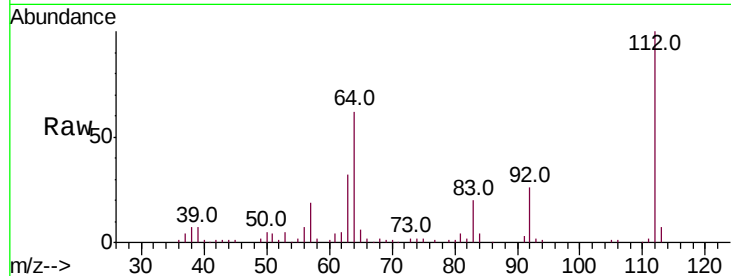
ClientSampleId :

DTW-02(11-13)MS

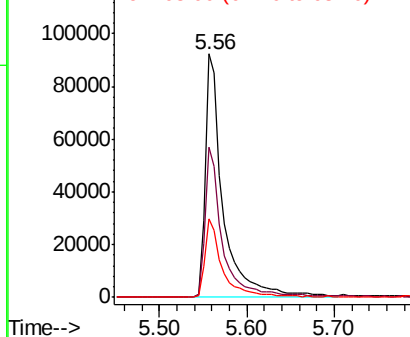
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 131378 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.8  | 44.1  | 66.1   |
| 63        | 32.5  | 23.7  | 35.5   |

Manual Integrations  
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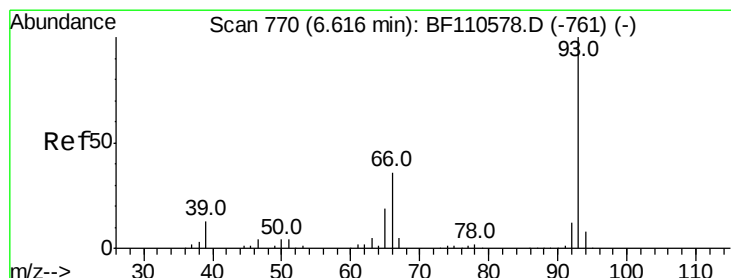
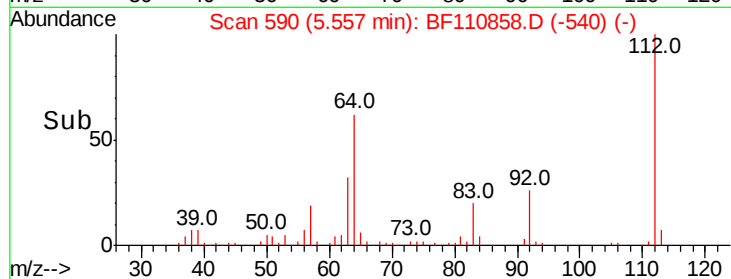
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Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 4.102 ng

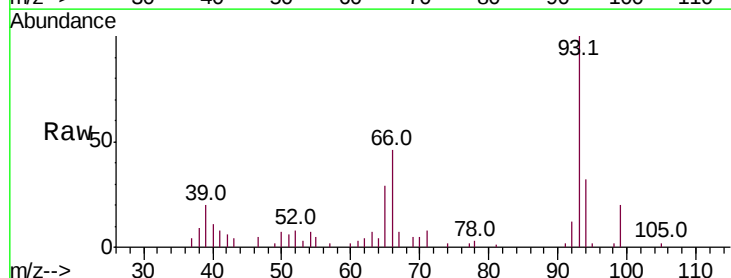
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

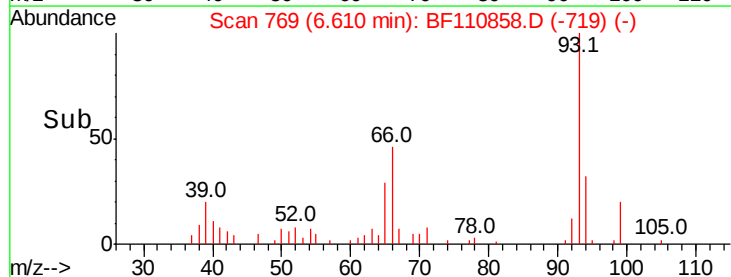
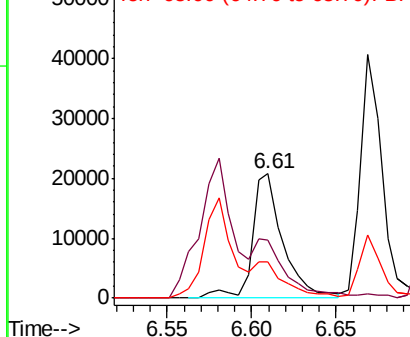
Lab File: BF110858.D

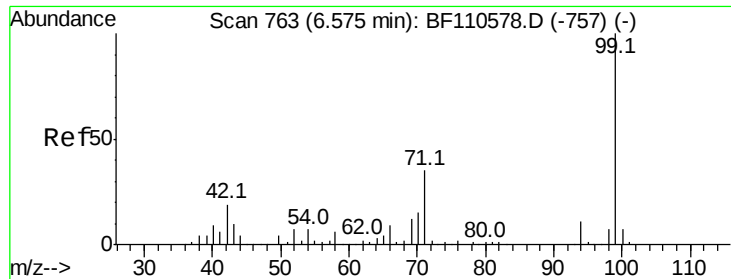
Acq: 19 Nov 2018 17:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 26248  |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 46.4  | 67.4  | 101.0# |
| 65        | 28.7  | 41.0  | 61.4#  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 34.497 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

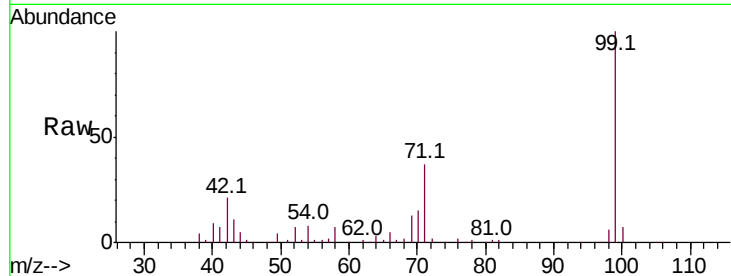
ClientSampleId :

DTW-02(11-13)MS

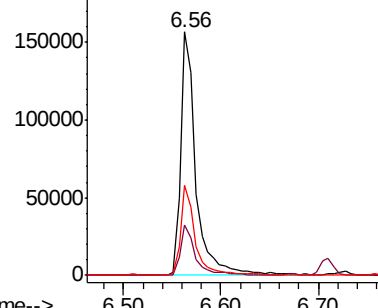
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 169289 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.7  | 15.8  | 23.6   |
| 71        | 36.8  | 28.0  | 42.0   |

Manual Integrations  
APPROVED

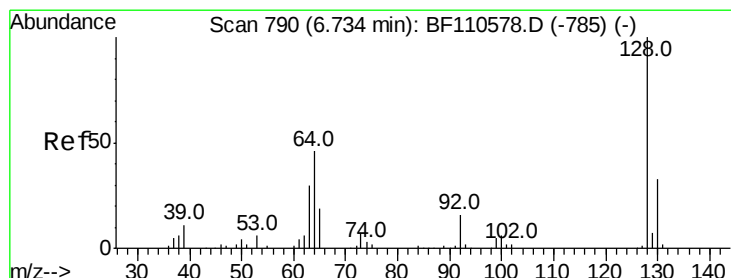
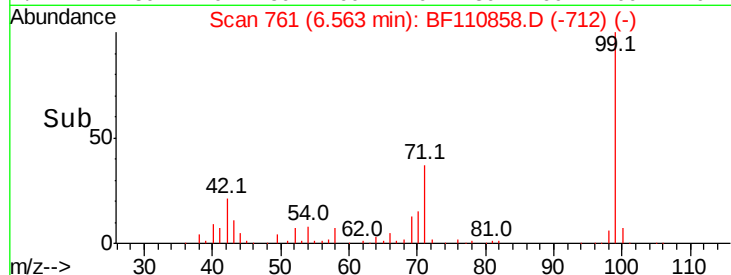
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 9.114 ng

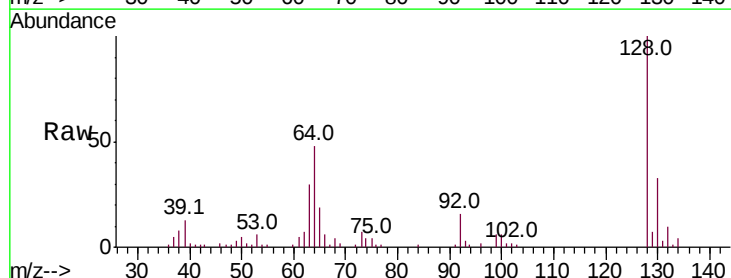
RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

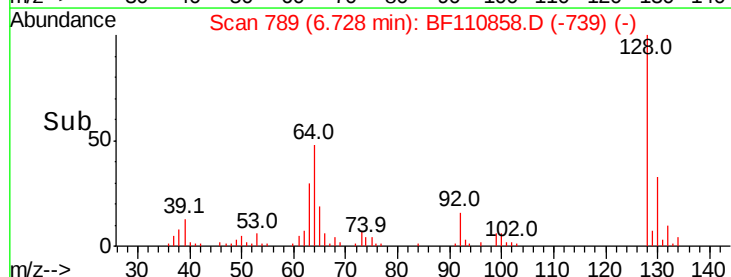
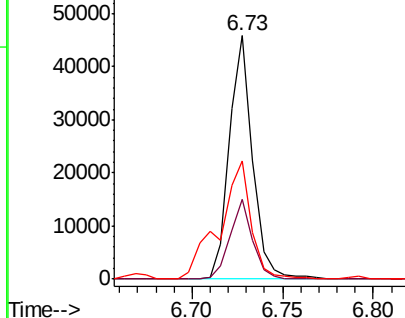
Lab File: BF110858.D

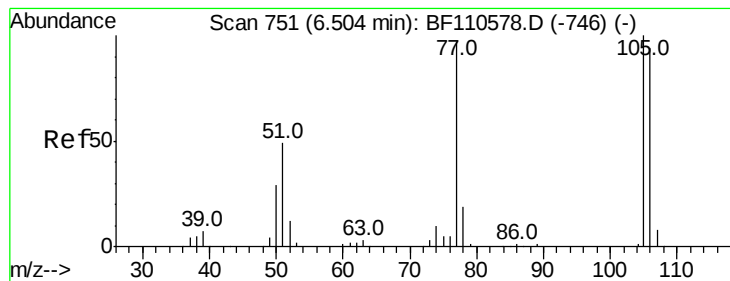
Acq: 19 Nov 2018 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 41000 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.6  | 13.1  | 53.1  |
| 64        | 48.3  | 26.0  | 66.0  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.765 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

ClientSampleId :

DTW-02(11-13)MS

Tot Ion: 77 Resp: 18241

Ion Ratio Lower Upper

77 100

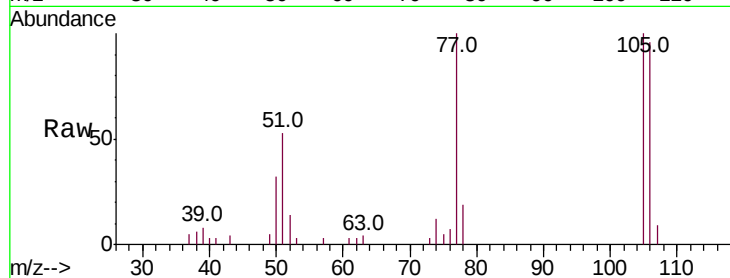
105 100.3 78.6 118.6

106 96.0 74.8 114.8

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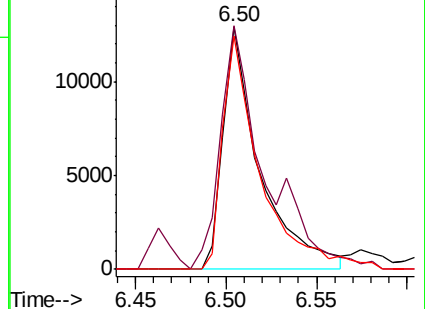
Sohil



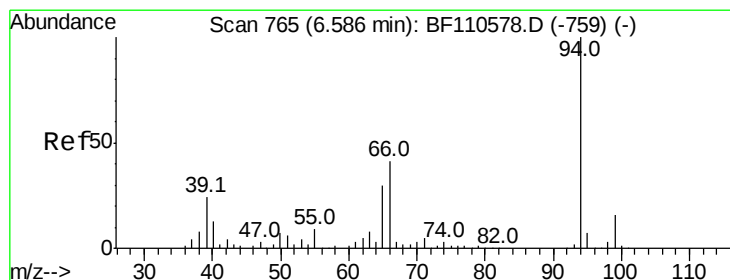
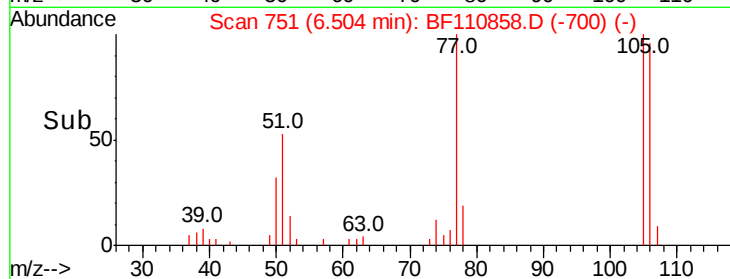
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 12.439 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

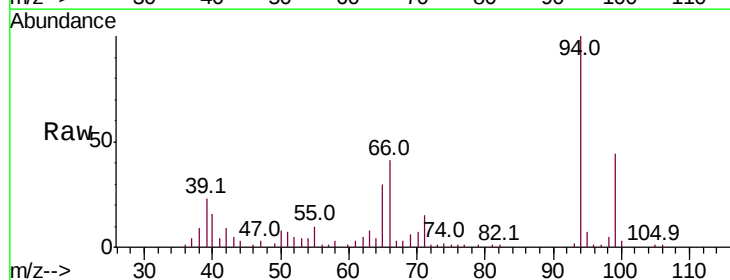
Tgt Ion: 94 Resp: 70782

Ion Ratio Lower Upper

94 100

65 29.6 25.3 65.3

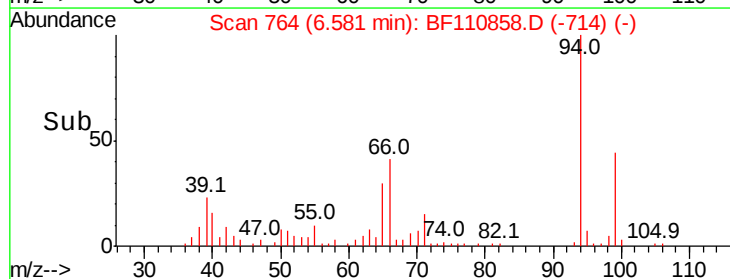
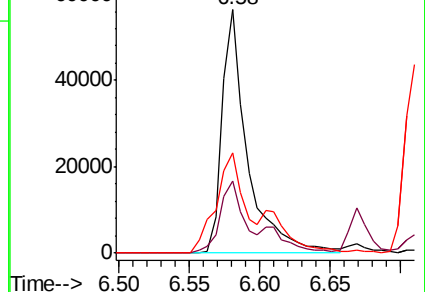
66 41.4 54.5 94.5#

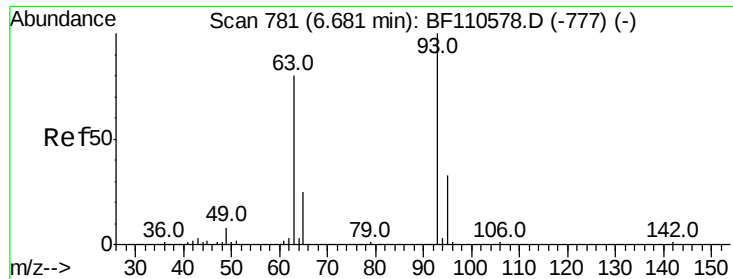


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





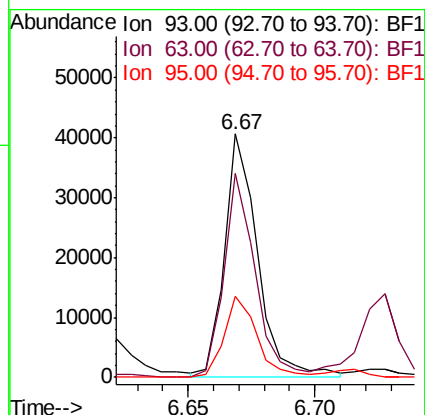
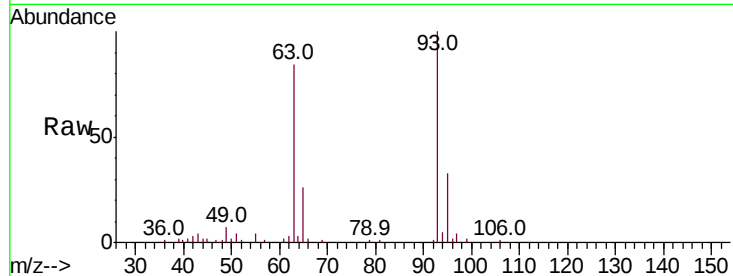
#11  
bis(2-Chloroethyl)ether  
Concen: 8.692 ng  
RT: 6.67 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

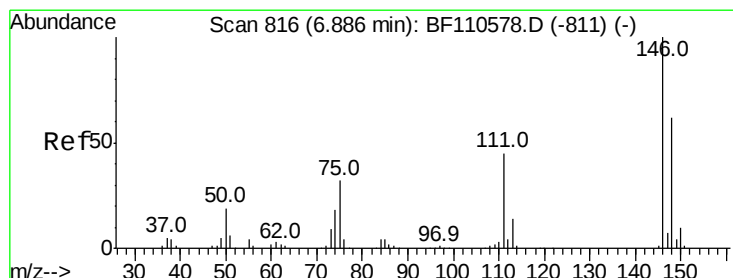
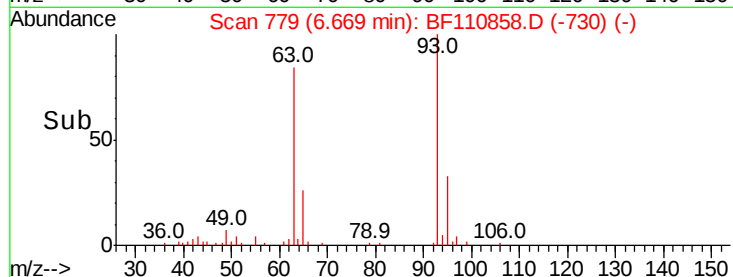
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 93    | Resp: | 37068 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 83.8  | 53.4  | 93.4  |
| 95        | 33.3  | 12.1  | 52.1  |

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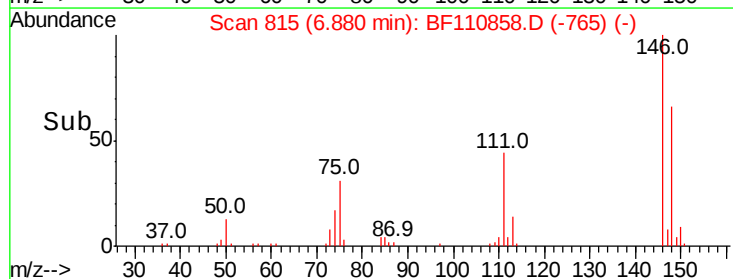
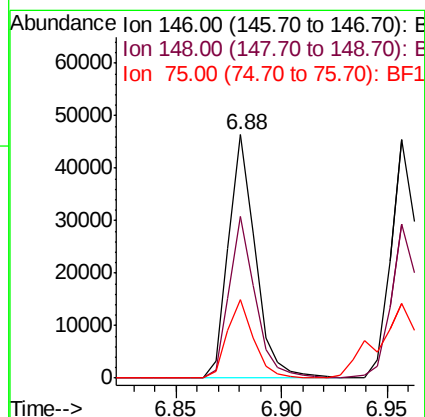
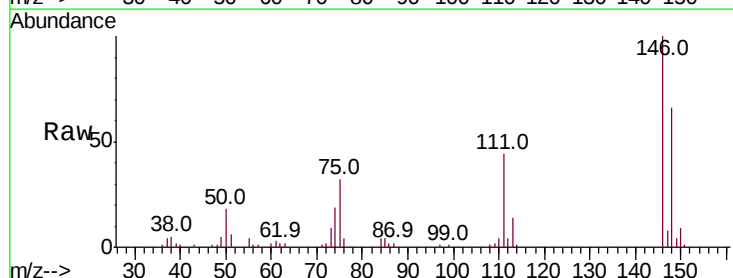


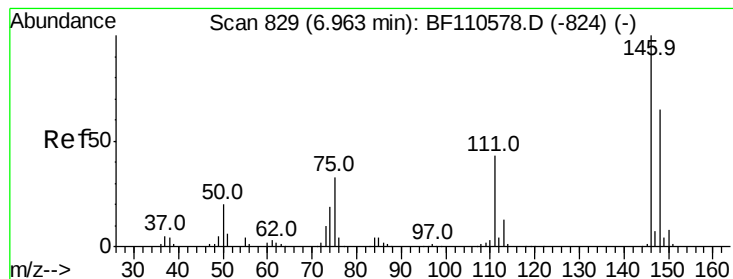
11/20/2018 11:07:39 AM



#12  
1,3-Dichlorobenzene  
Concen: 8.289 ng  
RT: 6.88 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 40802 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 66.4  | 50.4  | 75.6  |
| 75        | 32.2  | 25.8  | 38.6  |





#13

1,4-Dichlorobenzene

Concen: 8.535 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

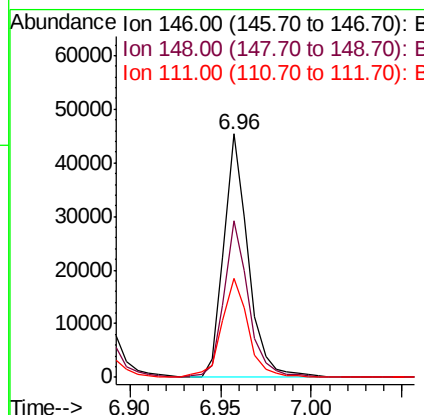
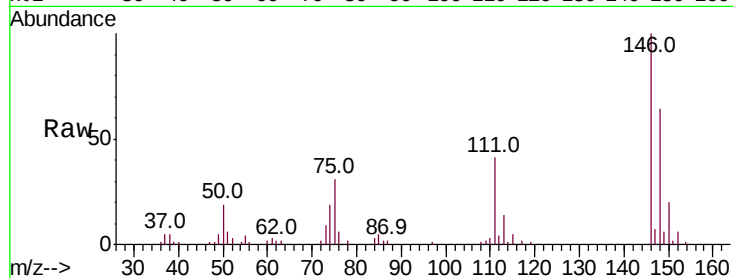
ClientSampleId :

DTW-02(11-13)MS

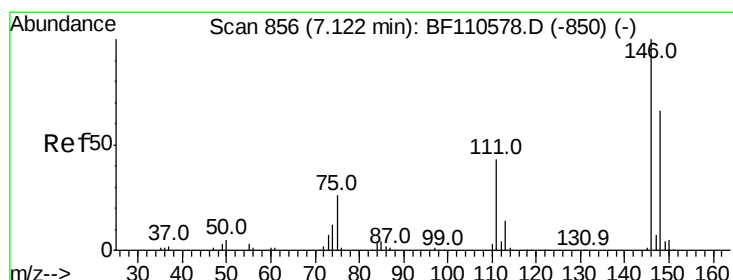
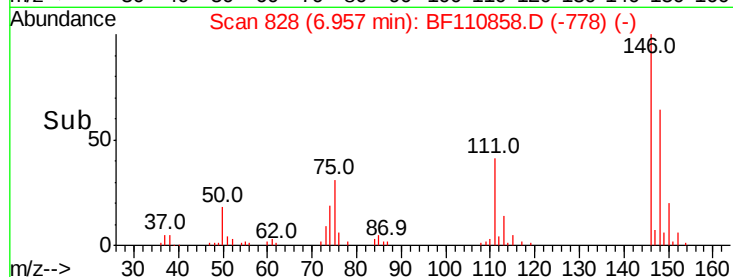
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 42661 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.4  | 50.3  | 75.5  |
| 111       | 40.5  | 32.7  | 49.1  |

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#14

1,2-Dichlorobenzene

Concen: 8.766 ng

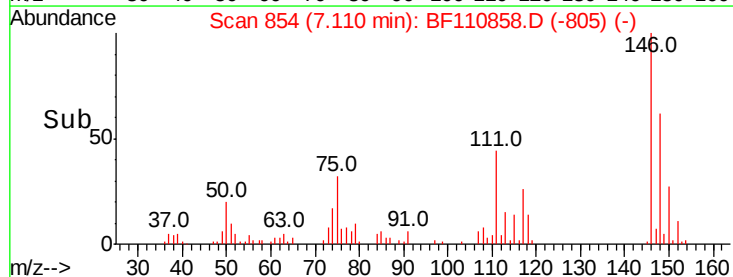
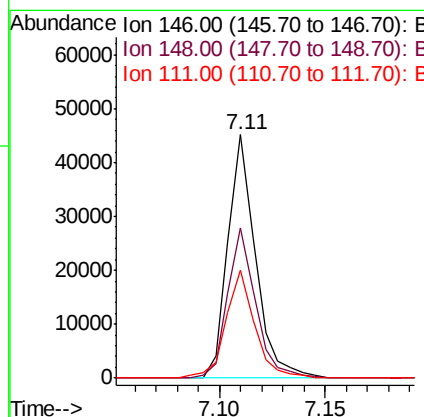
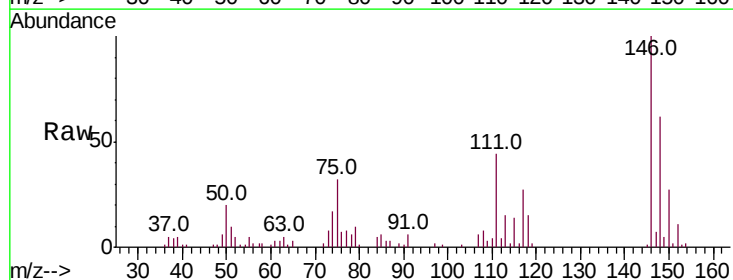
RT: 7.11 min Scan# 854

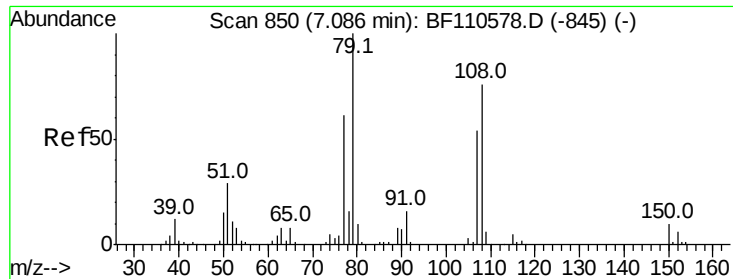
Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 40762 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 61.9  | 51.1  | 76.7  |
| 111       | 44.1  | 35.8  | 53.6  |





#15

Benzyl Alcohol

Concen: 8.710 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

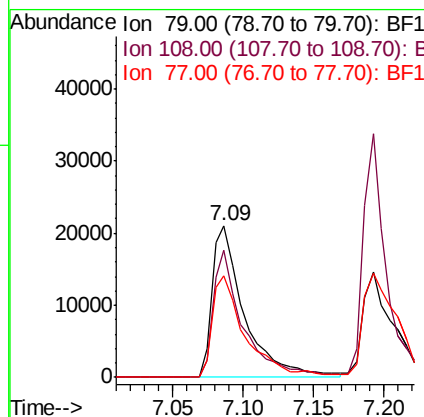
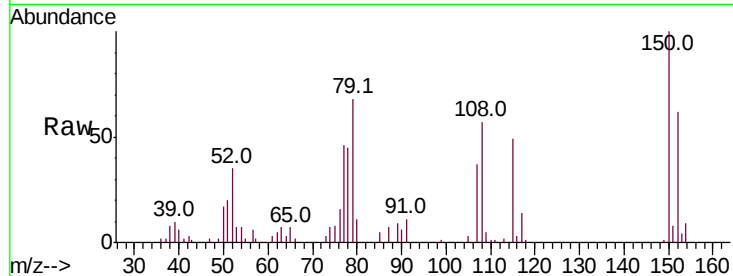
ClientSampleId :

DTW-02(11-13)MS

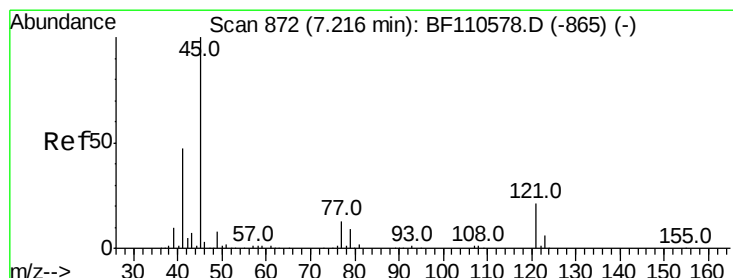
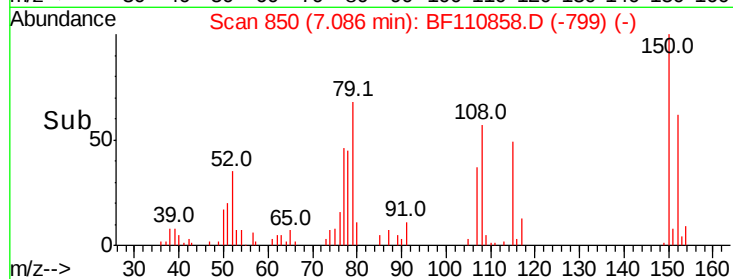
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 33449 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 83.5  | 56.3  | 84.5  |
| 77        | 67.3  | 52.9  | 79.3  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.730 ng

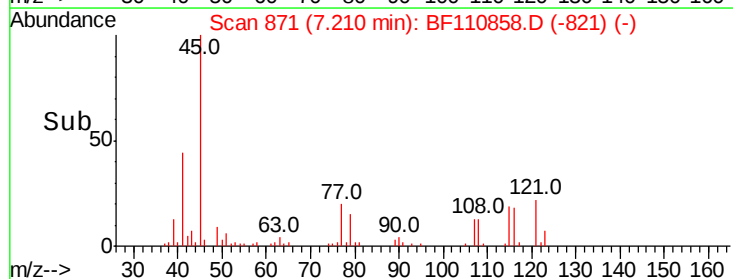
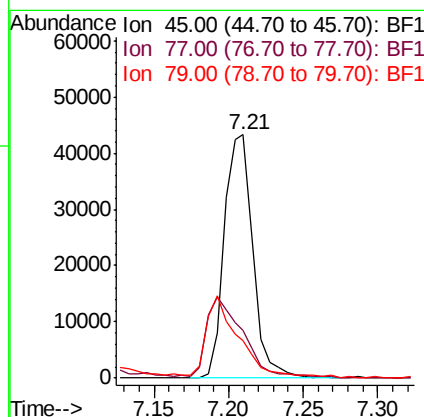
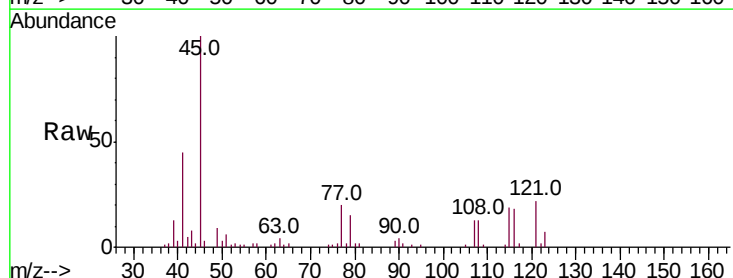
RT: 7.21 min Scan# 871

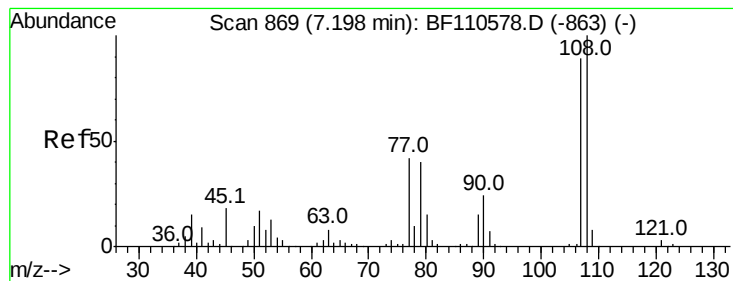
Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 58464 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 19.6  | 10.0  | 50.0  |
| 79        | 15.4  | 6.1   | 46.1  |





#17  
2-Methylphenol  
Concen: 9.760 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

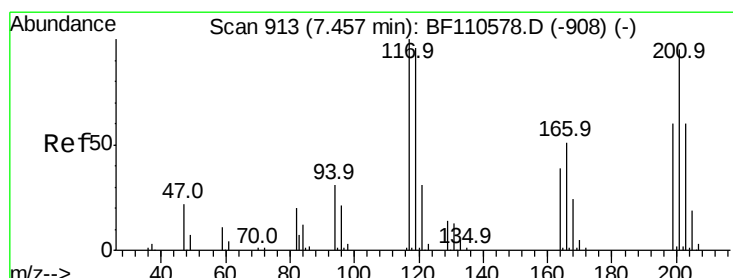
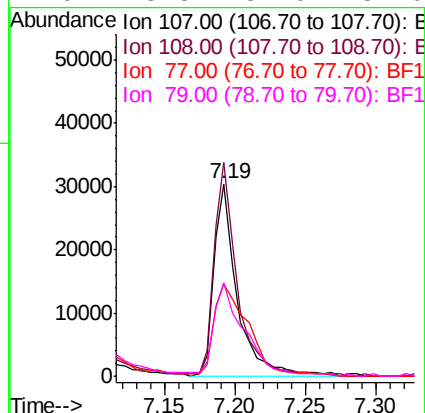
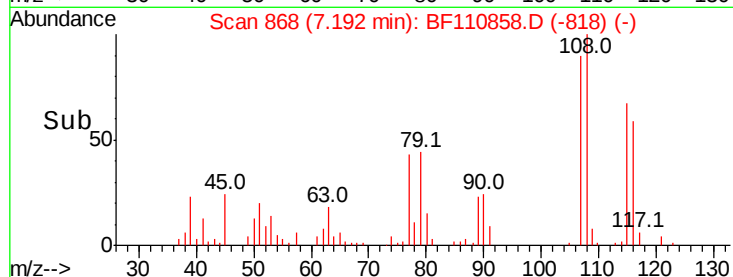
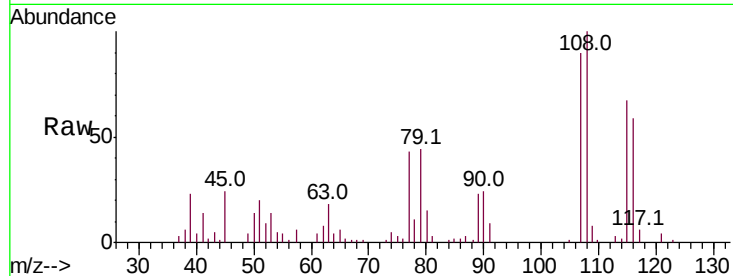
Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 34943 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.9 | 92.6  | 138.8 |
| 77       | 47.7  | 59.4  | 89.2# |
| 79       | 48.3  | 54.0  | 81.0# |

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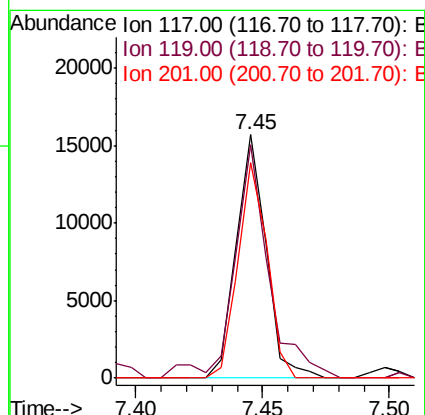
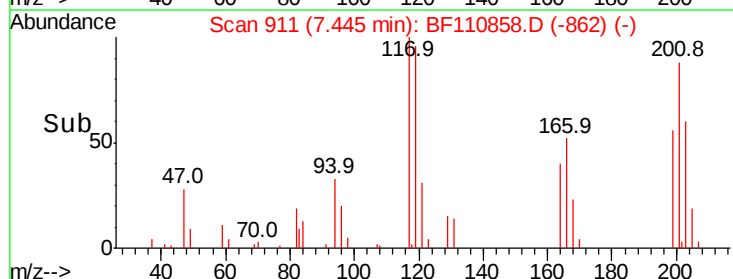
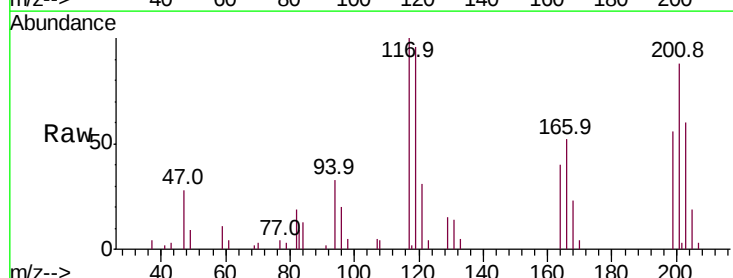
Sohil

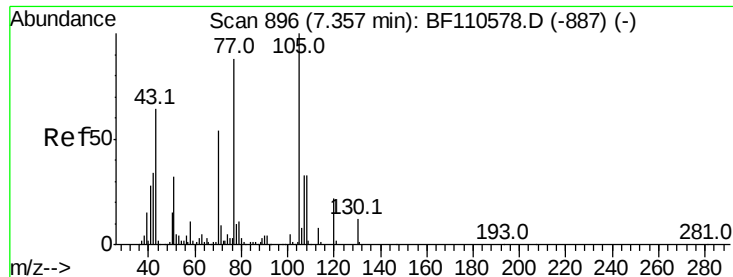
11/20/2018 11:07:39 AM



#18  
Hexachloroethane  
Concen: 6.916 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 12763 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.9  | 75.0  | 112.6 |
| 201      | 88.4  | 79.2  | 118.8 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 8.871 ng  
RT: 7.34 min Scan# 893  
Delta R.T. -0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

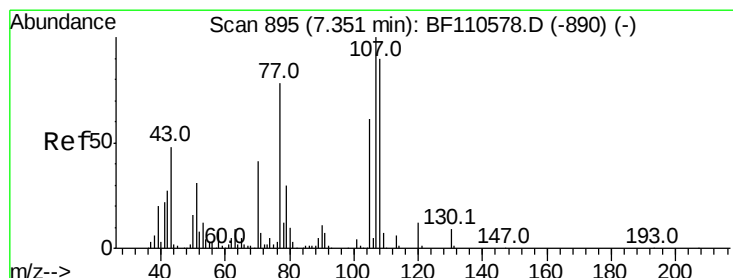
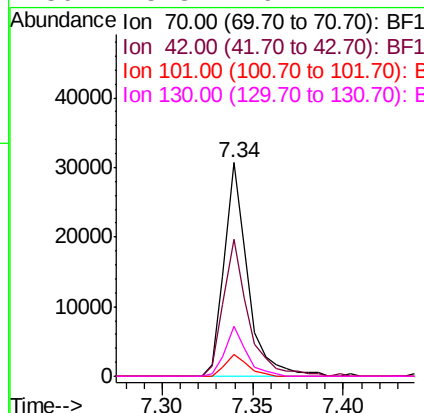
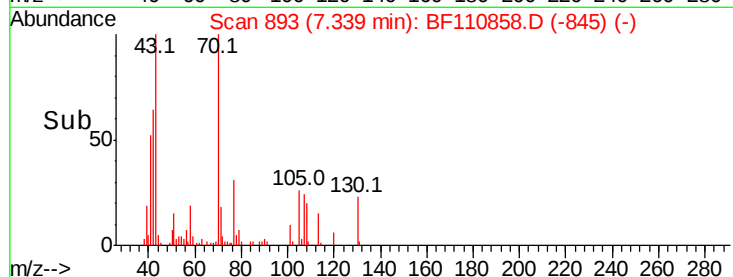
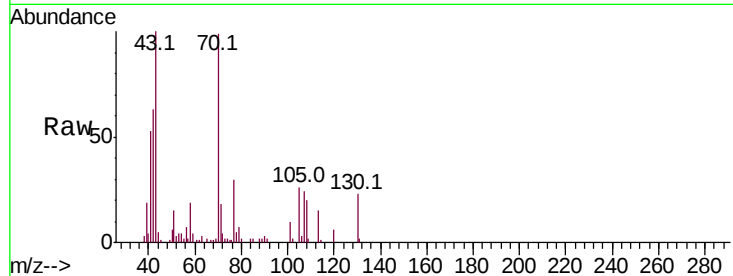
Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 64.3  | 47.4  | 71.2  |
| 101     | 9.9   | 7.3   | 10.9  |
| 130     | 23.3  | 16.2  | 24.2  |

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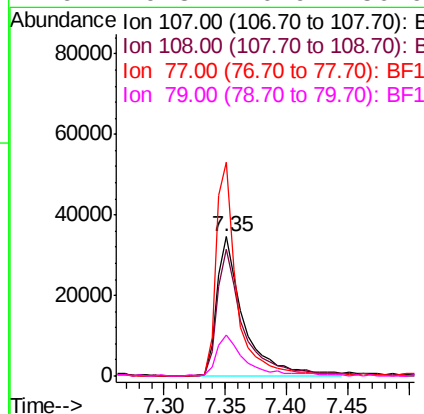
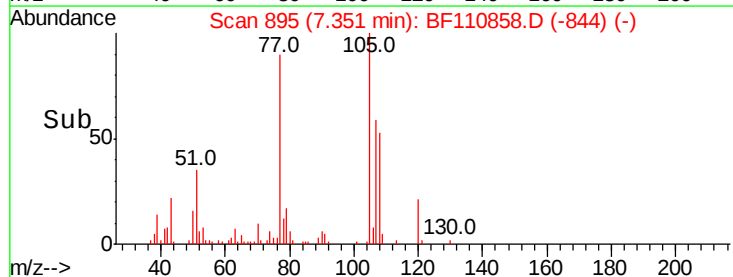
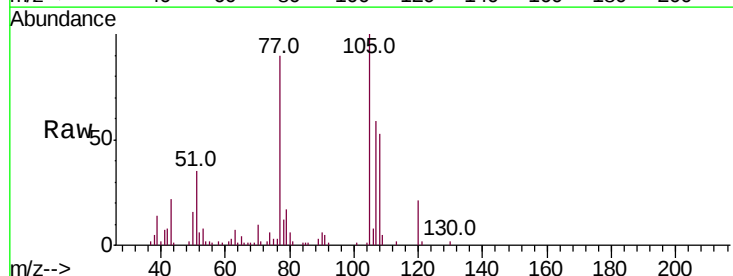
Sohil

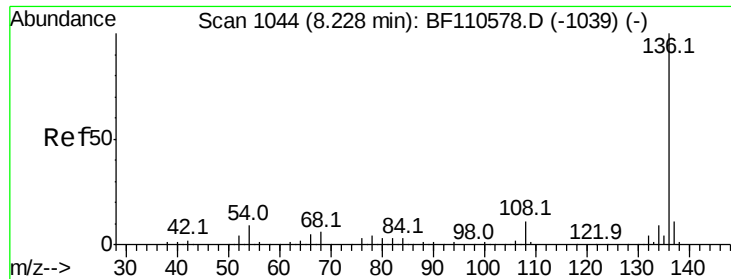
11/20/2018 11:07:39 AM



#20  
3+4-Methylphenols  
Concen: 11.423 ng m  
RT: 7.35 min Scan# 895  
Delta R.T. -0.00 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.1  | 71.4  | 111.4 |
| 77      | 153.5 | 47.3  | 87.3# |
| 79      | 29.8  | 10.9  | 50.9  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

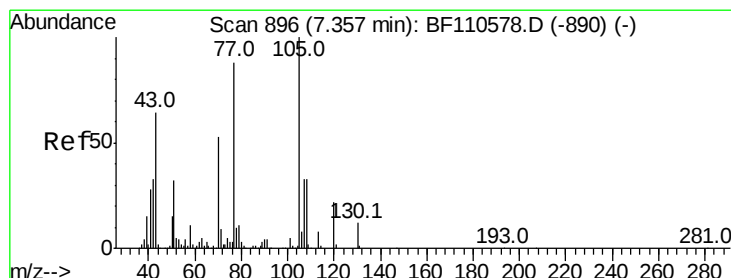
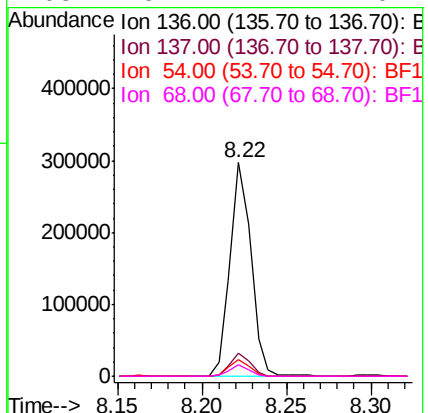
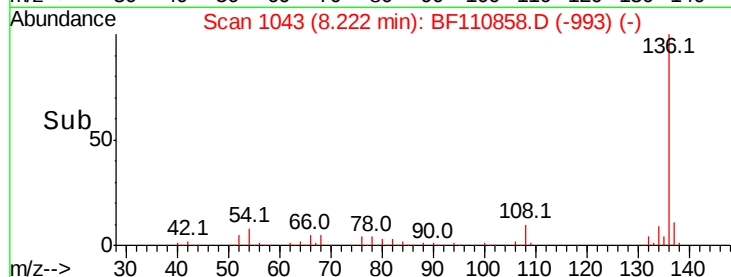
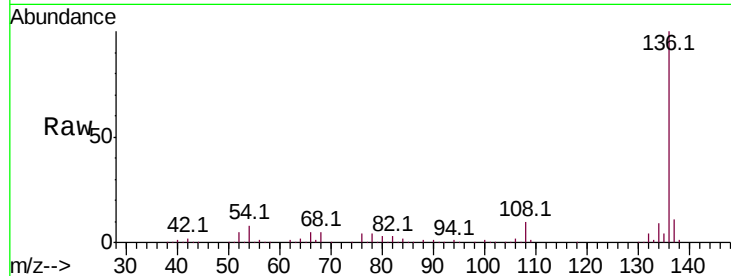
Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.9  | 8.8  | 13.2  |       |
| 54      | 7.9   | 5.4  | 8.2   |       |
| 68      | 5.2   | 4.2  | 6.2   |       |

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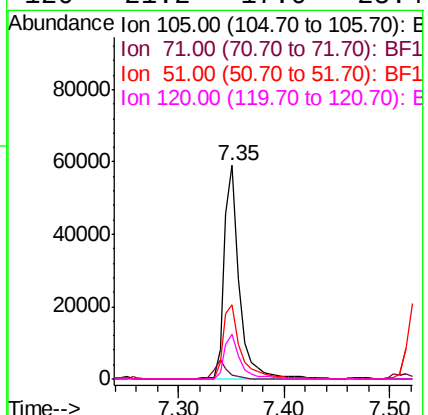
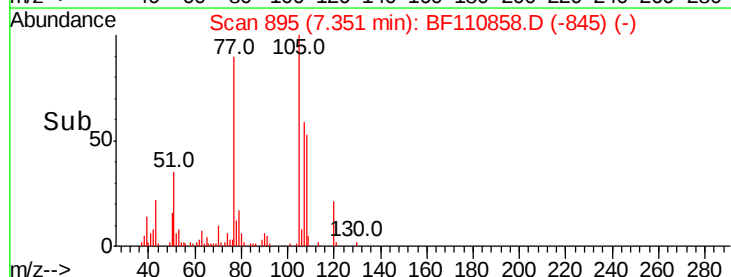
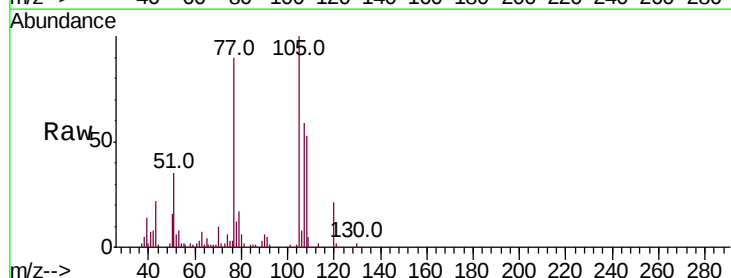
Sohil

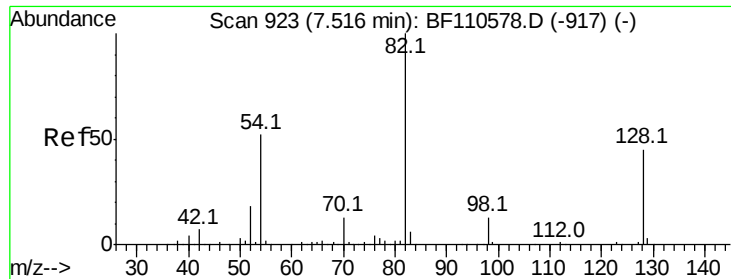
11/20/2018 11:07:39 AM



#22  
Acetophenone  
Concen: 9.845 ng  
RT: 7.35 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.0   | 5.2  | 7.8#  |       |
| 51      | 34.9  | 21.8 | 32.8# |       |
| 120     | 21.2  | 17.0 | 25.4  |       |





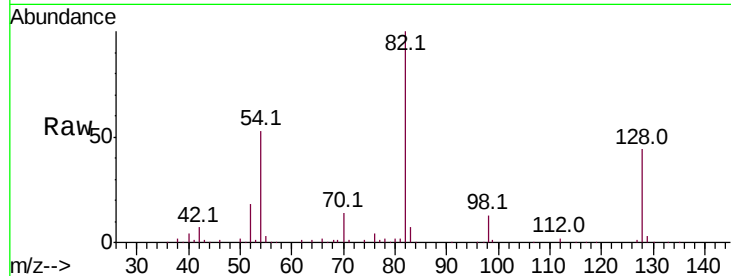
#23  
 Nitrobenzene-d5  
 Concen: 23.135 ng  
 RT: 7.50 min Scan# 921  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

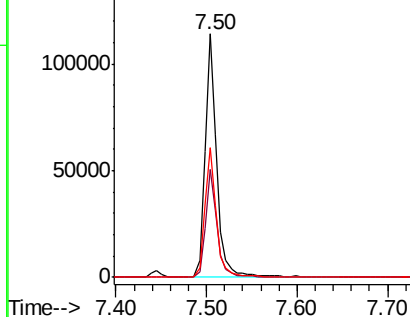
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 103659 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.4  | 34.2  | 51.2   |
| 54        | 53.3  | 38.6  | 58.0   |

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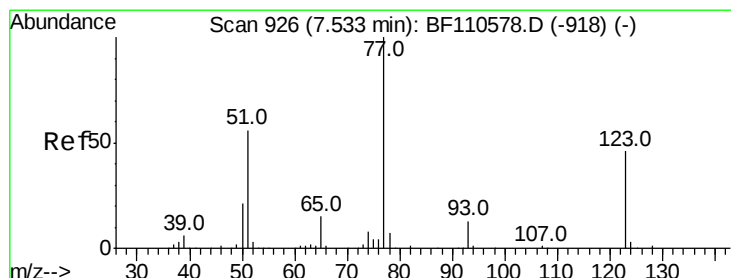
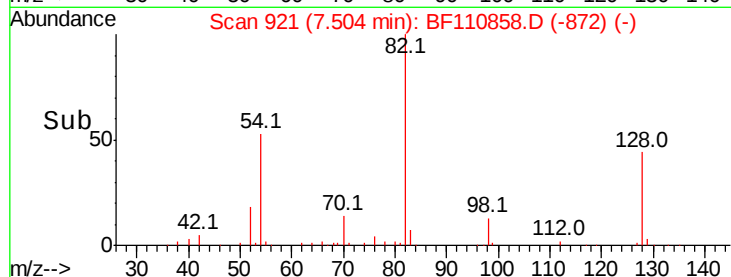
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Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

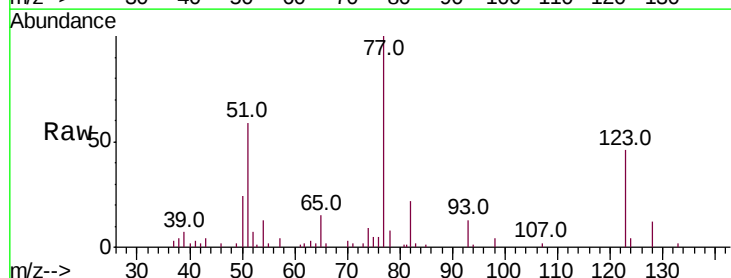


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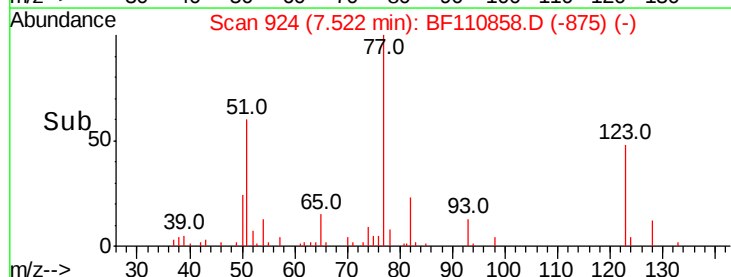
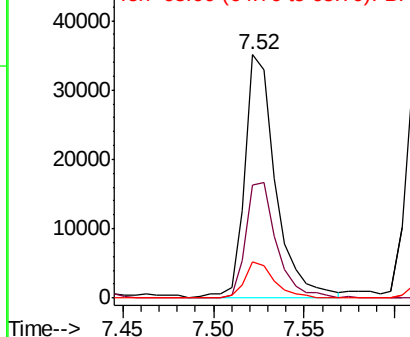


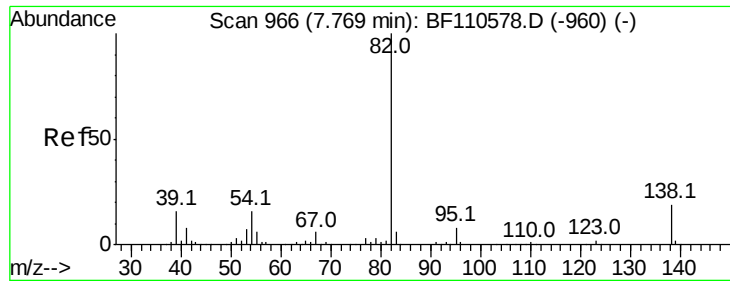
#24  
 Nitrobenzene  
 Concen: 9.118 ng  
 RT: 7.52 min Scan# 924  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 41858 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 46.5  | 35.7  | 53.5  |
| 65        | 14.8  | 10.7  | 16.1  |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 10.207 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

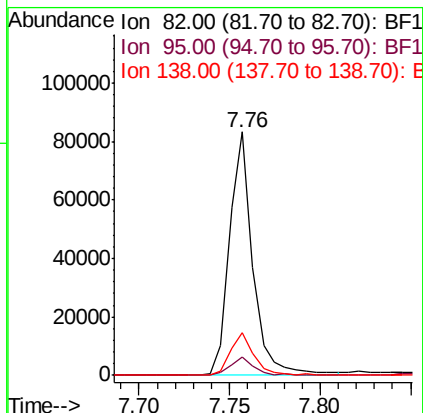
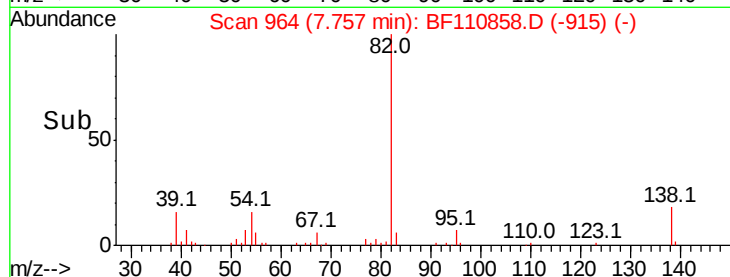
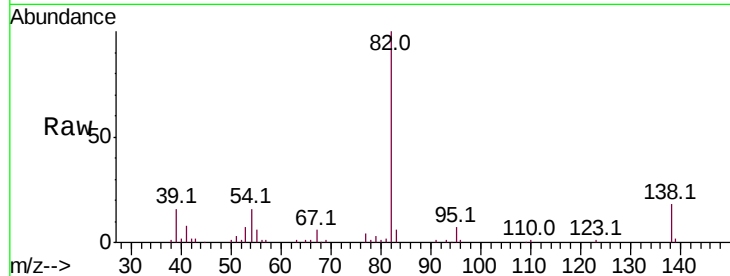
ClientSampleId :

DTW-02(11-13)MS

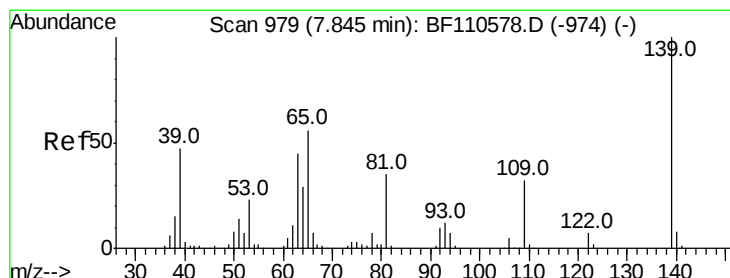
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 82    | Resp: | 74957 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 7.5   | 5.7   | 8.5   |
| 138       | 17.6  | 13.2  | 19.8  |

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#26

2-Nitrophenol

Concen: 7.561 ng

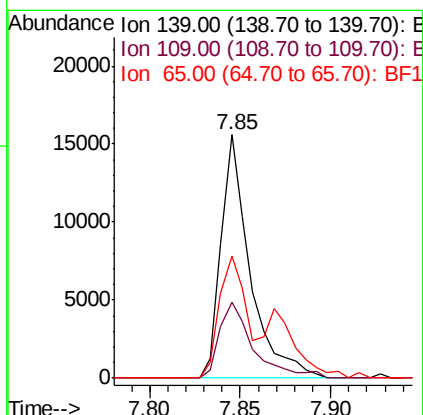
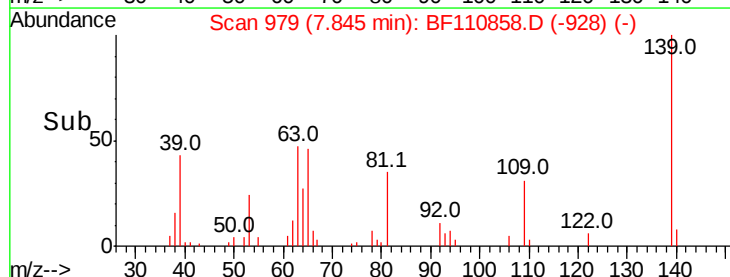
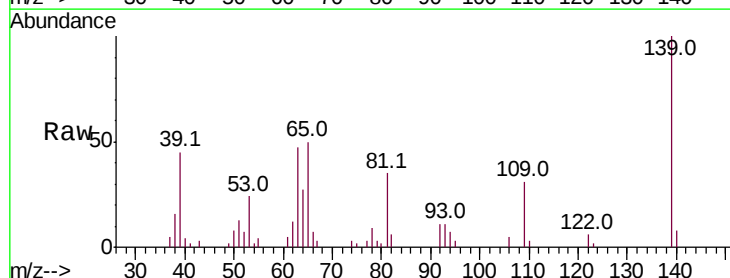
RT: 7.85 min Scan# 979

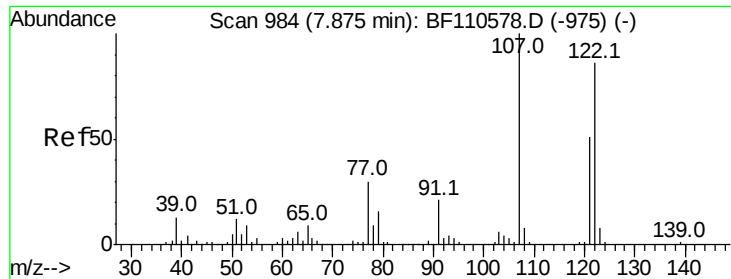
Delta R.T. -0.00 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 17316 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 31.3  | 25.0  | 37.6  |
| 65        | 49.9  | 44.0  | 66.0  |





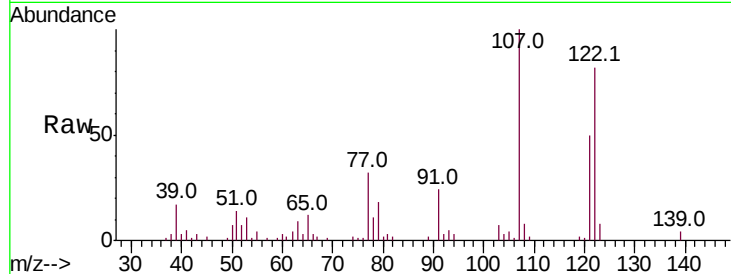
#27  
 2,4-Dimethylphenol  
 Concen: 11.087 ng  
 RT: 7.87 min Scan# 983  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       | 38671 |       |       |
| 107     | 121.4 | 92.5  | 138.7 |       |       |
| 121     | 60.2  | 45.8  | 68.8  |       |       |

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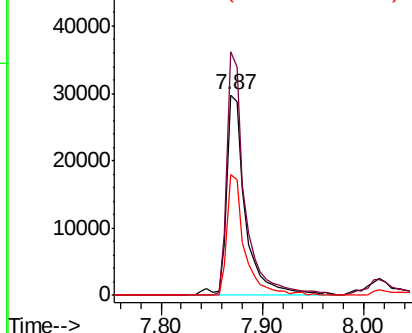


Abundance

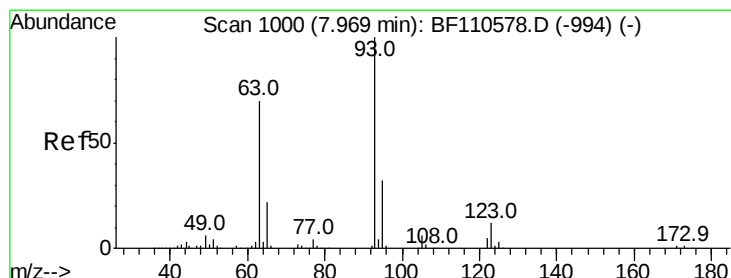
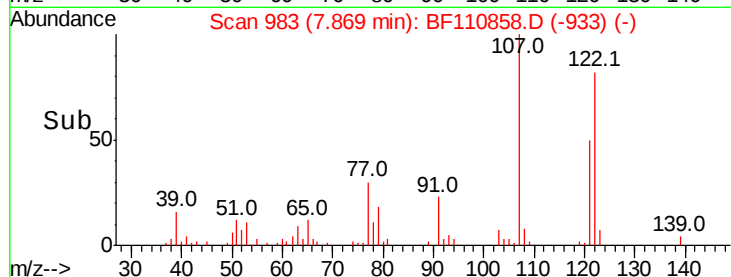
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

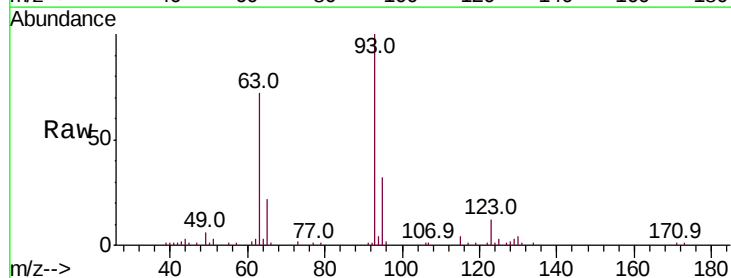


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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 9.557 ng  
 RT: 7.96 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 47519 |       |       |
| 95      | 31.5 | 26.4  | 39.6  |       |       |
| 123     | 11.9 | 9.0   | 13.6  |       |       |

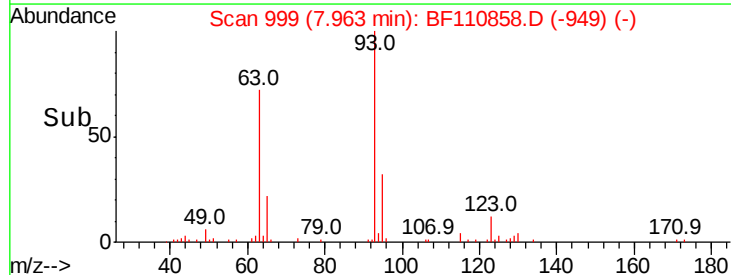
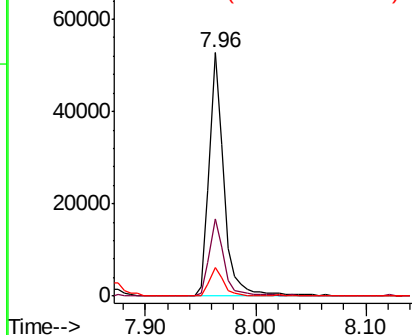


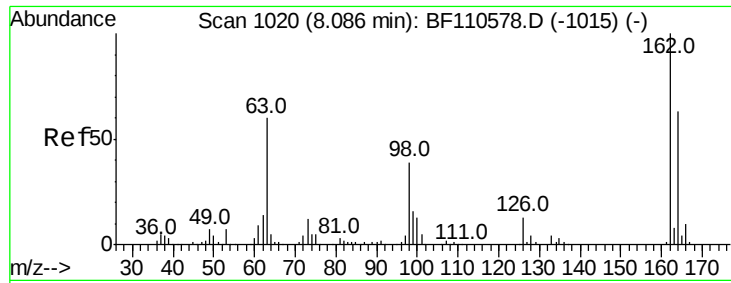
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





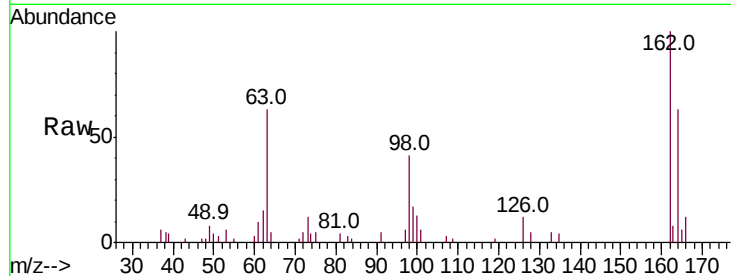
#29  
2,4-Dichlorophenol  
Concen: 9.205 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. 0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 44.6  | 84.6  |
| 98      | 40.6  | 17.4  | 57.4  |

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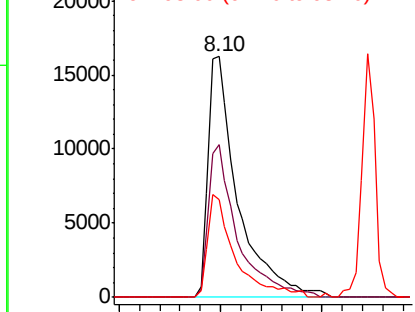


Abundance

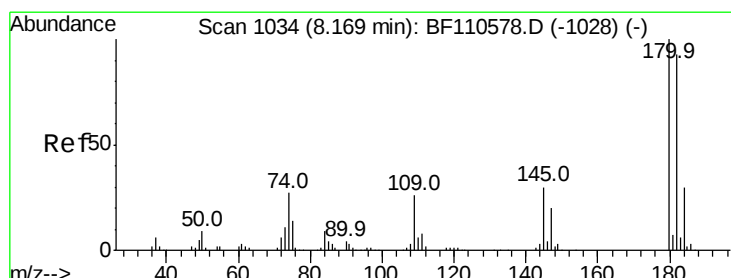
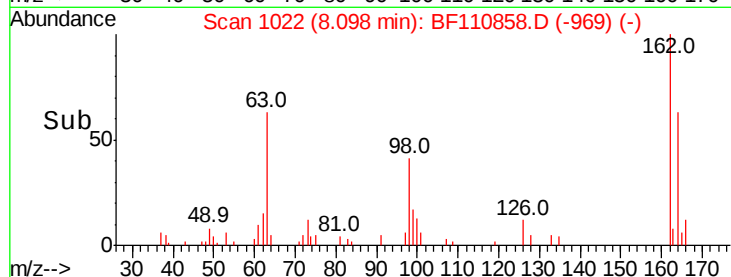
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

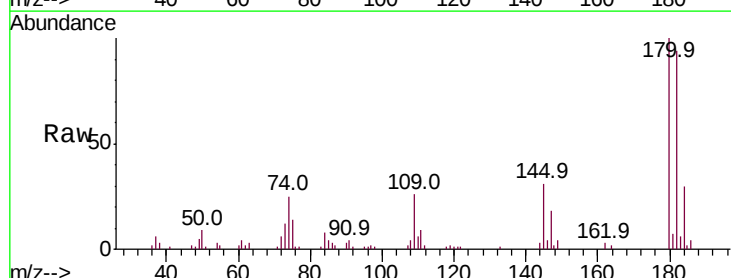


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#30  
1,2,4-Trichlorobenzene  
Concen: 8.731 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 80.3  | 120.5 |
| 145     | 31.3  | 25.4  | 38.0  |

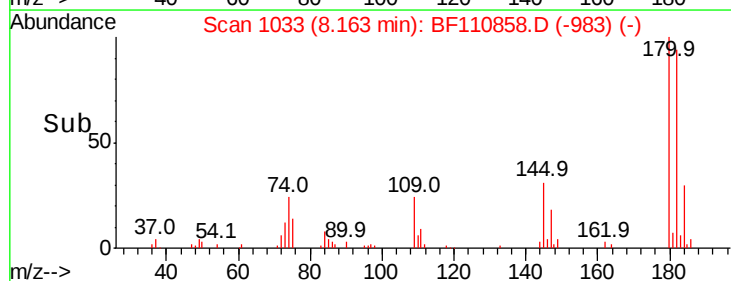
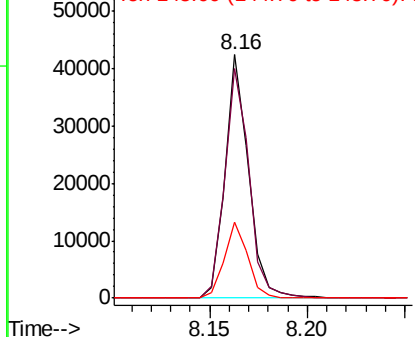


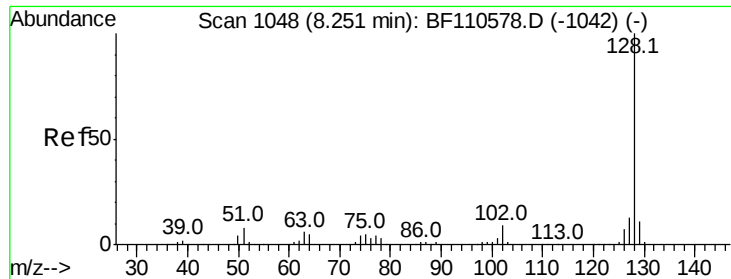
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





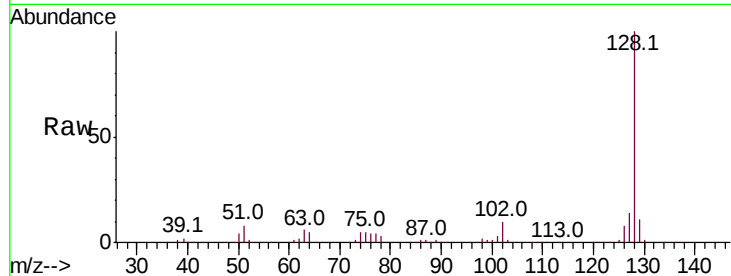
#31  
Naphthalene  
Concen: 79.394 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

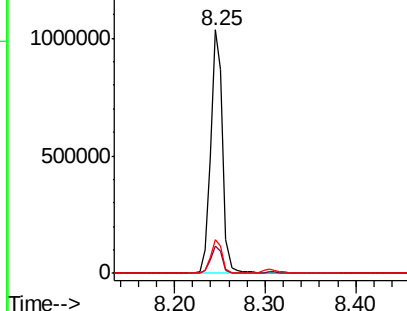
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.8   | 13.2  |
| 127     | 13.6  | 10.8  | 16.2  |

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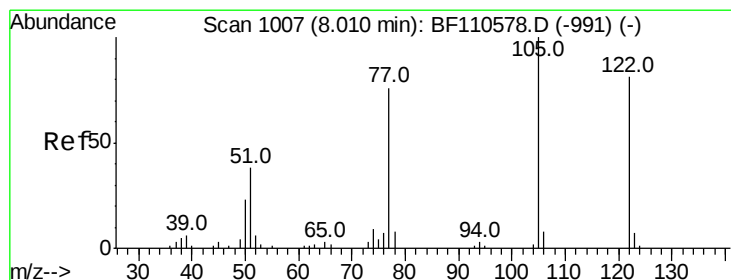
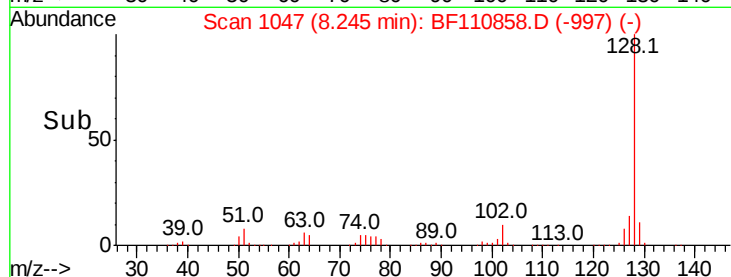
Sohil



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

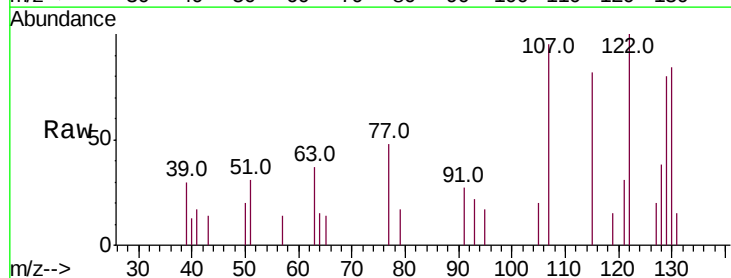


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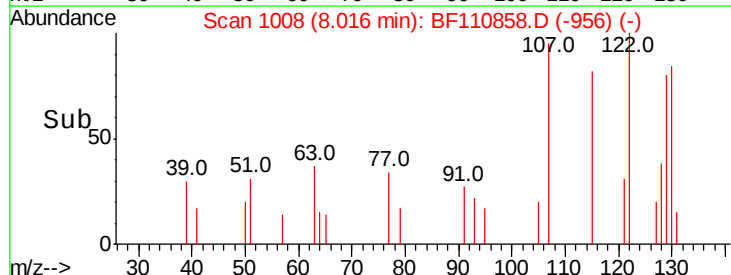
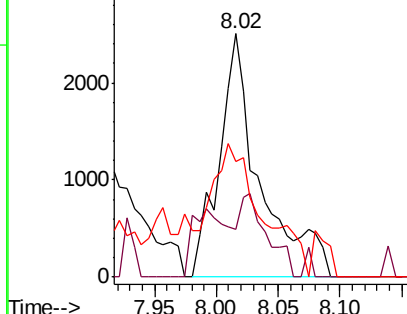


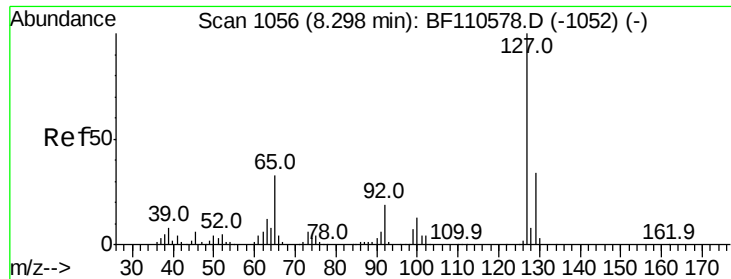
#32  
Benzoic acid  
Concen: 2.337 ng m  
RT: 8.02 min Scan# 1008  
Delta R.T. 0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 19.9  | 109.0 | 149.0# |
| 77      | 47.6  | 79.0  | 119.0# |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





#33  
4-Chloroaniline  
Concen: 4.937 ng  
RT: 8.30 min Scan# 1057  
Delta R.T. 0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

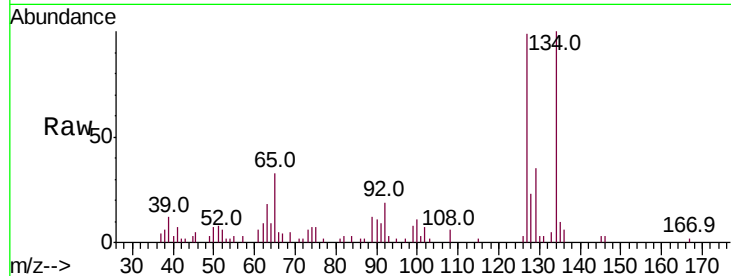
Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 27088 |       |       |
| 129     | 35.3 | 26.0  | 39.0  |       |       |
| 65      | 33.8 | 25.1  | 37.7  |       |       |
| 92      | 19.4 | 15.0  | 22.6  |       |       |

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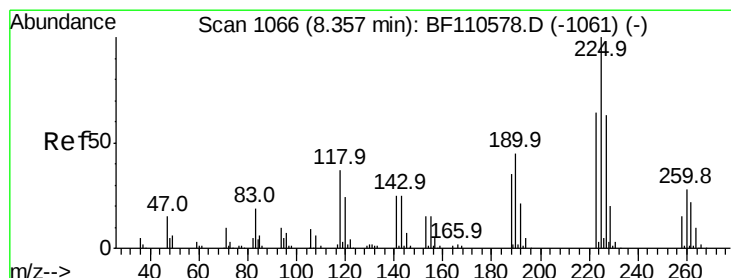
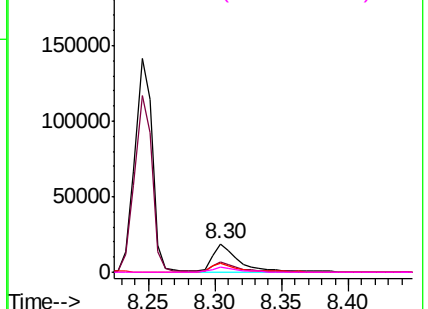
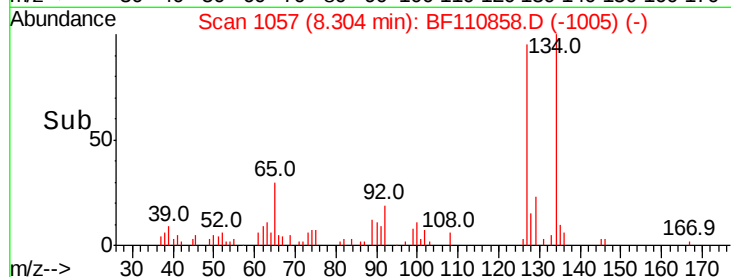
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

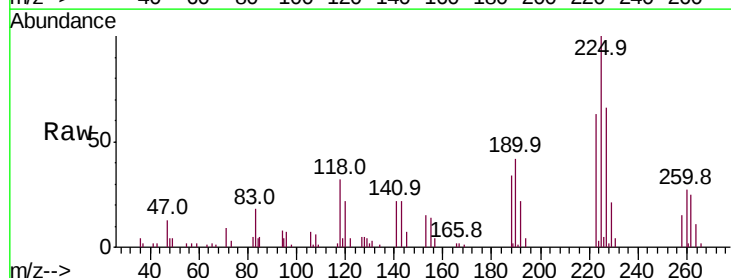
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 8.283 ng  
RT: 8.35 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 19144 |       |       |
| 223     | 63.2 | 51.4  | 77.2  |       |       |
| 227     | 65.6 | 51.0  | 76.6  |       |       |

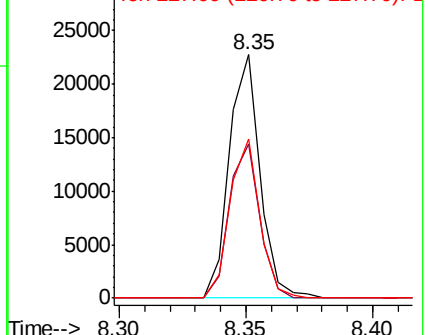
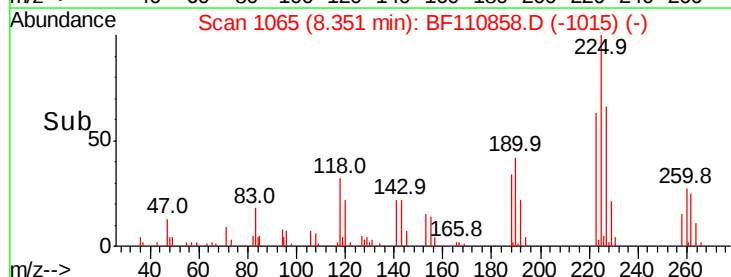


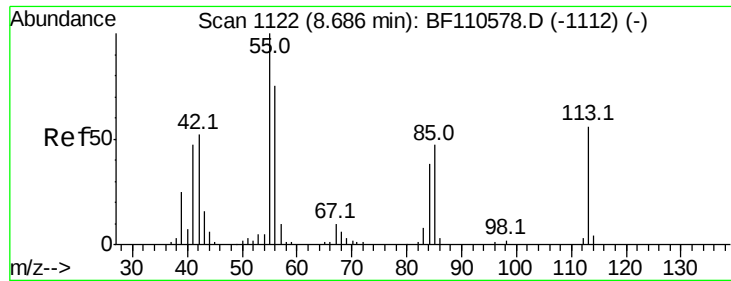
Abundance

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





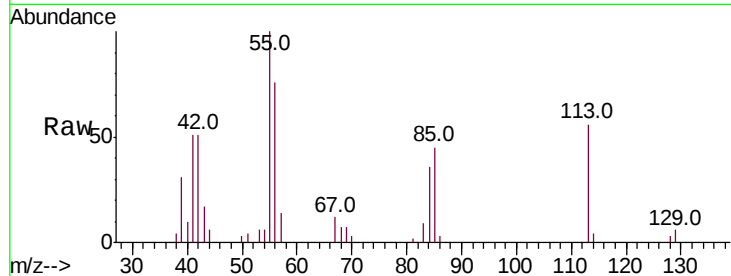
#35  
Caprolactam  
Concen: 8.389 ng  
RT: 8.64 min Scan# 1114  
Delta R.T. -0.05 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

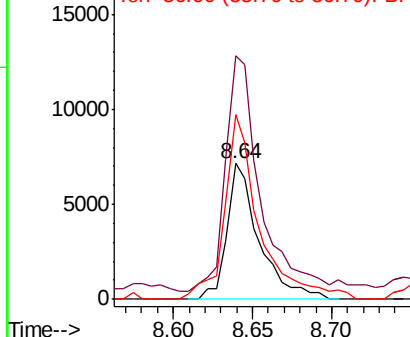
Tot Ion:113 Resp: 10059  
Ion Ratio Lower Upper  
113 100  
55 179.1 142.8 182.8  
56 135.5 105.0 145.0

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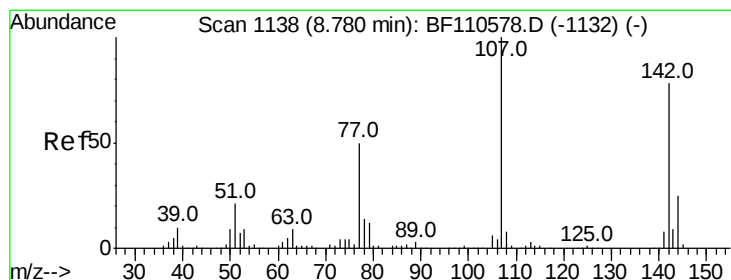
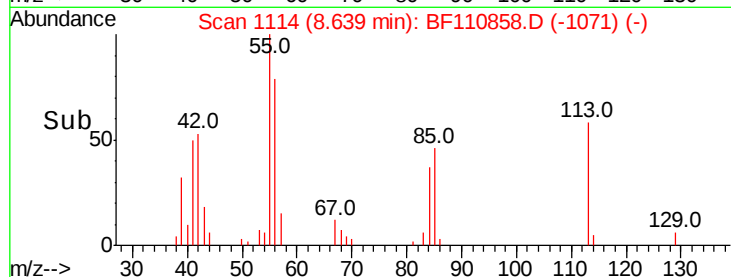
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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

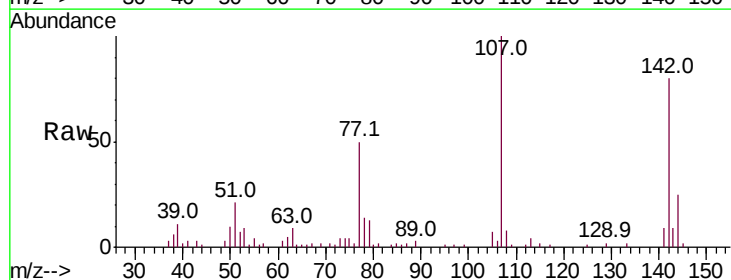


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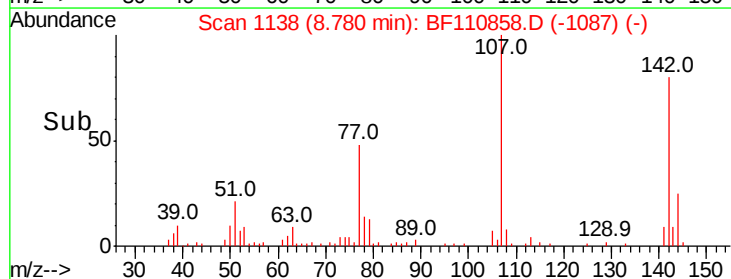
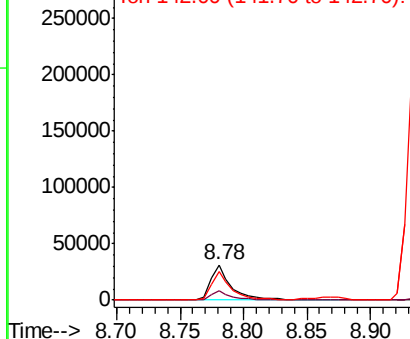


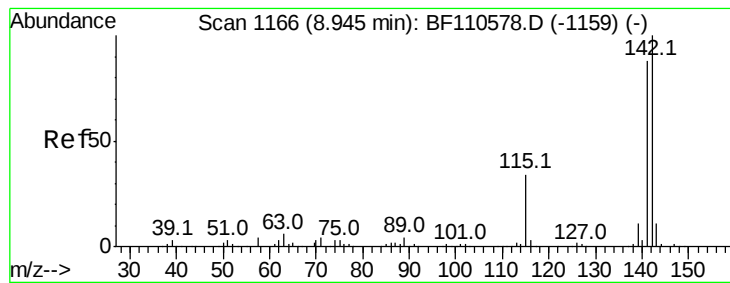
#36  
4-Chloro-3-methylphenol  
Concen: 9.153 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Tgt Ion:107 Resp: 35427  
Ion Ratio Lower Upper  
107 100  
144 24.9 20.0 30.0  
142 80.4 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





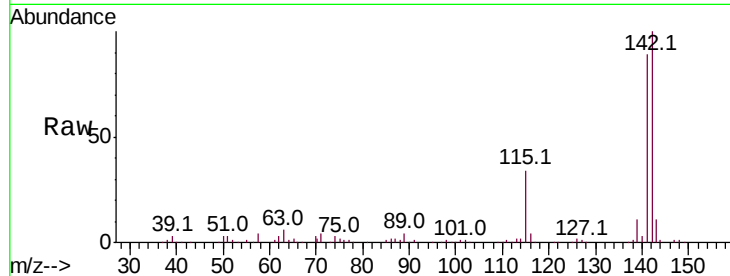
#37  
2-Methylnaphthalene  
Concen: 27.760 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 71.4  | 107.2 |
| 115     | 33.6  | 28.7  | 43.1  |

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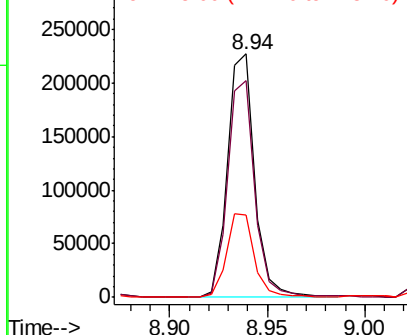


Abundance

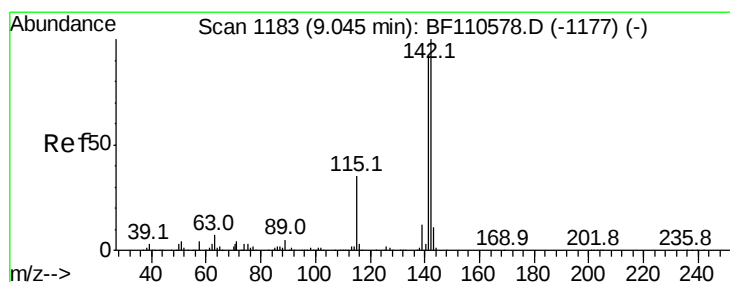
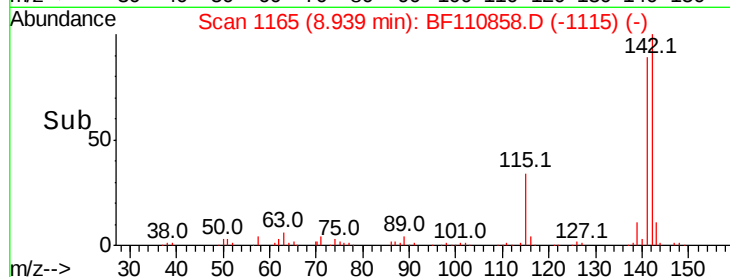
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

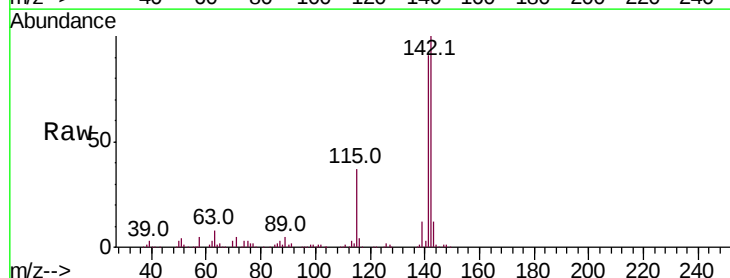


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#38  
1-Methylnaphthalene  
Concen: 25.595 ng m  
RT: 9.03 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 74.2  | 111.4 |
| 116     | 4.1   | 2.6   | 4.0#  |

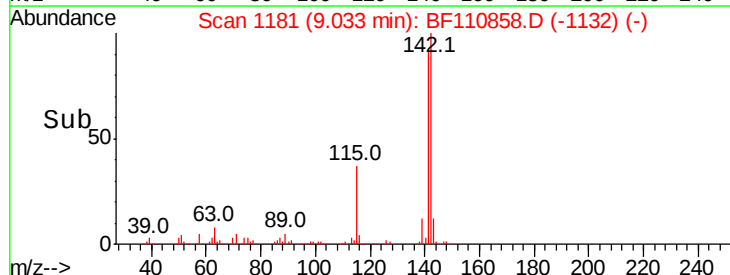
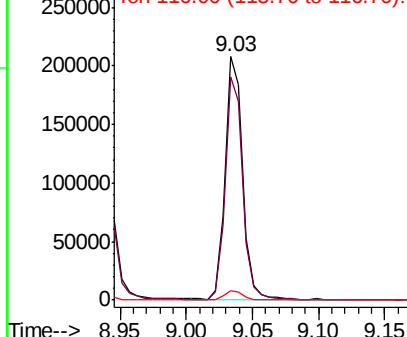


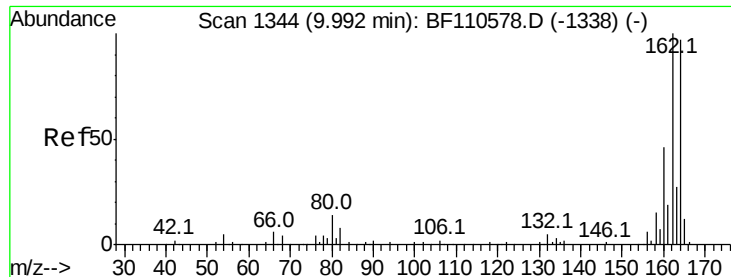
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





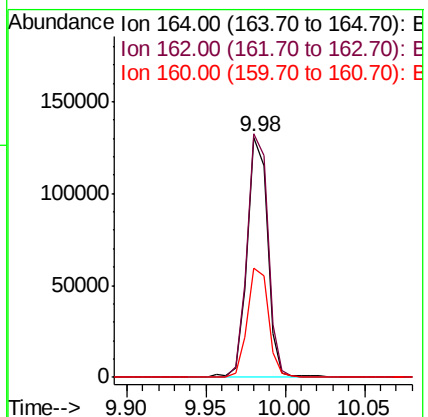
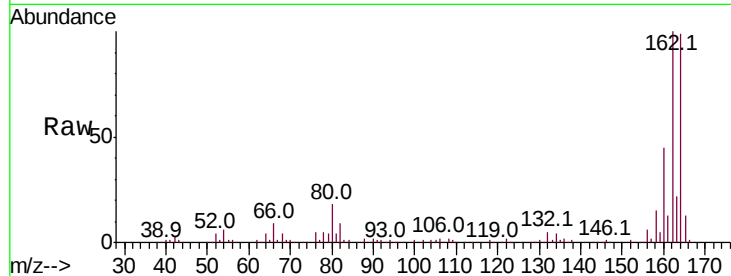
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

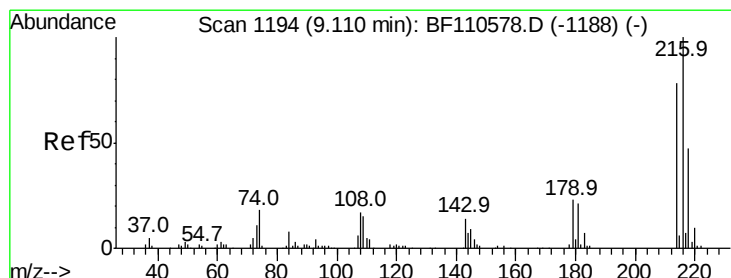
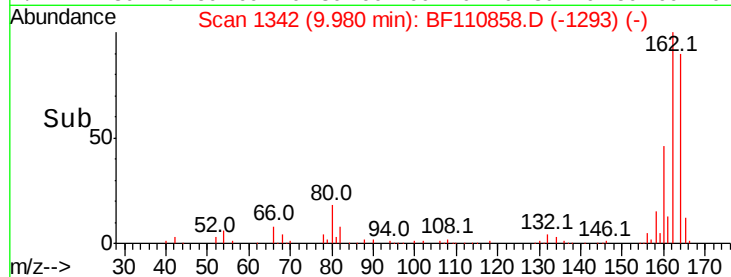
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 83.0  | 124.6 |
| 160     | 45.7  | 37.0  | 55.6  |

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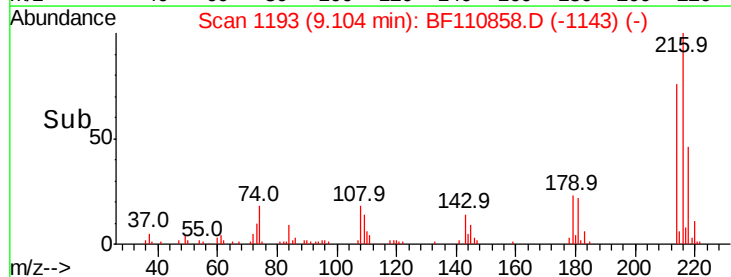
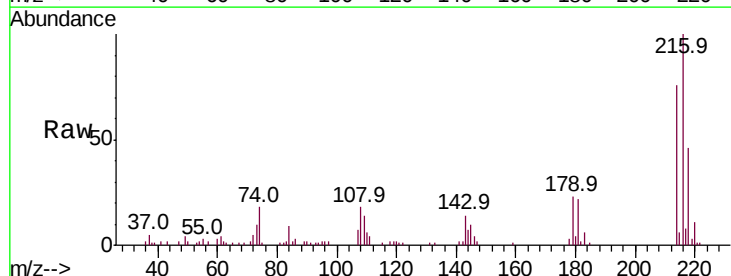
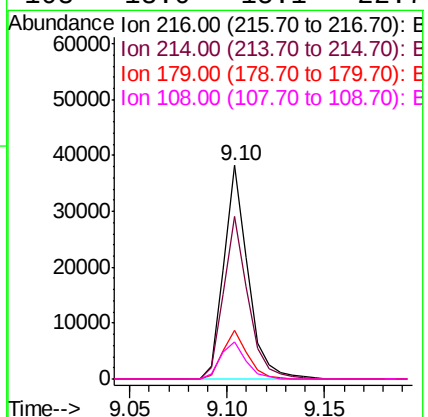


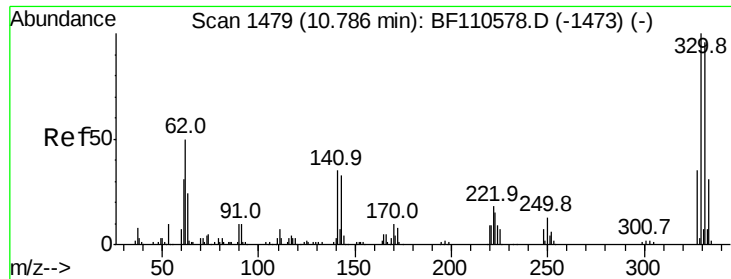
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 8.913 ng  
RT: 9.10 min Scan# 1193  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.7  | 63.8  | 95.6  |
| 179     | 23.5  | 16.6  | 25.0  |
| 108     | 18.0  | 15.1  | 22.7  |





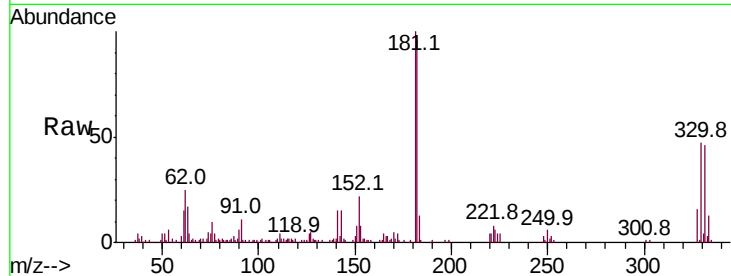
#42  
 2,4,6-Tribromophenol  
 Concen: 28.176 ng  
 RT: 10.78 min Scan# 1478  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.7  | 77.1  | 115.7 |
| 141     | 43.1  | 27.0  | 40.4  |

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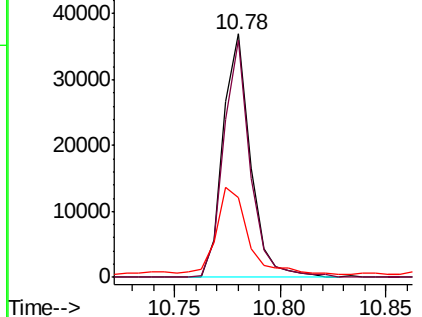


Abundance

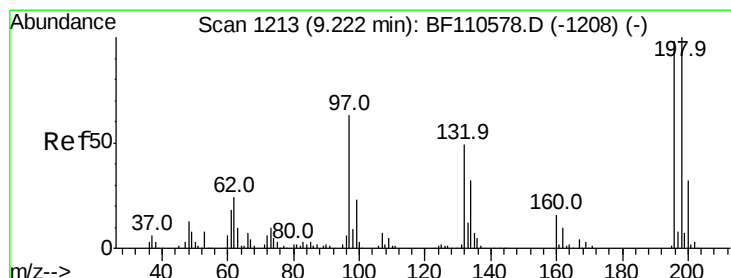
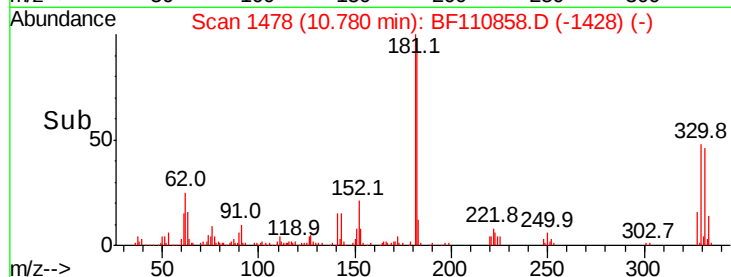
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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#43  
 2,4,6-Trichlorophenol  
 Concen: 9.183 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

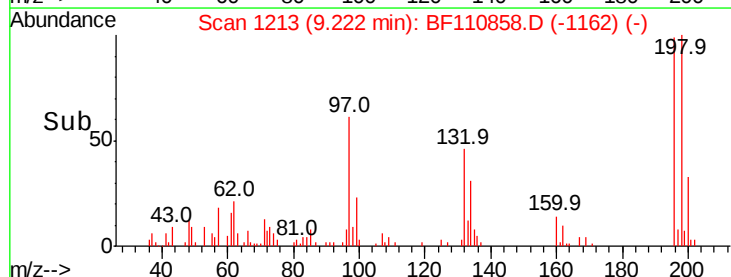
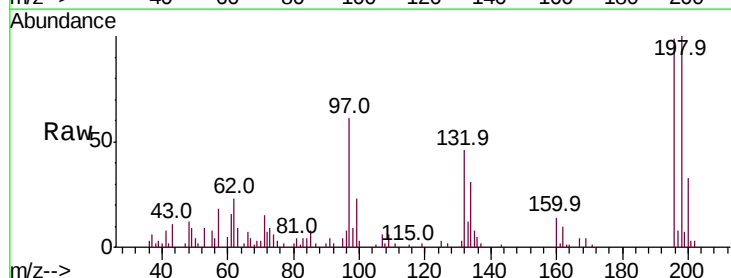
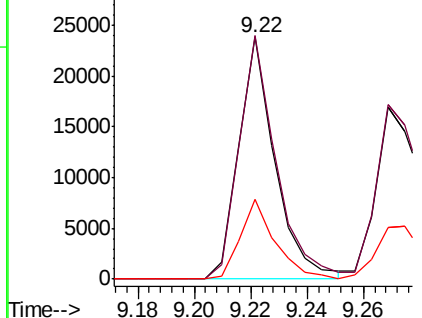
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.6 | 76.2  | 114.4 |
| 200     | 33.0  | 24.4  | 36.6  |

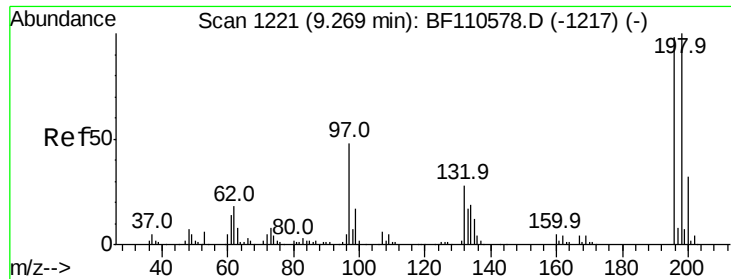
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44  
 2,4,5-Trichlorophenol  
 Concen: 9.121 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. -0.00 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

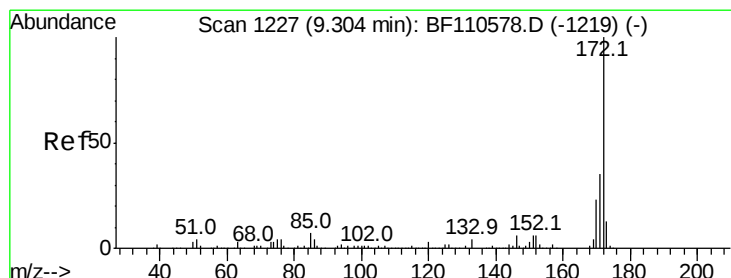
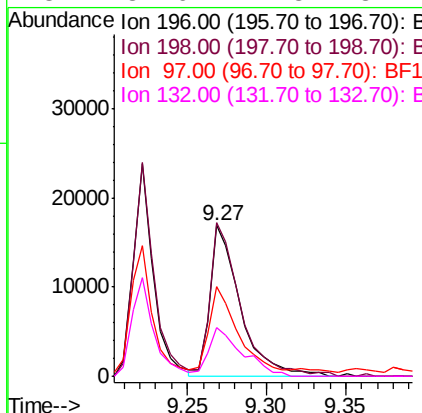
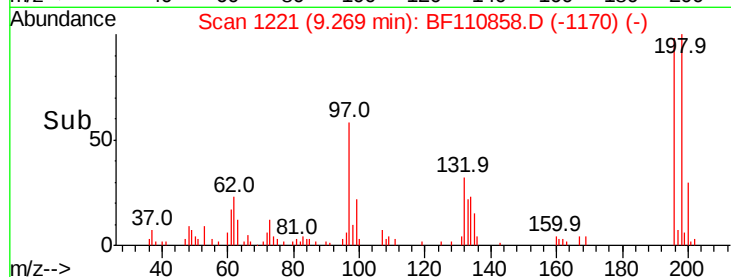
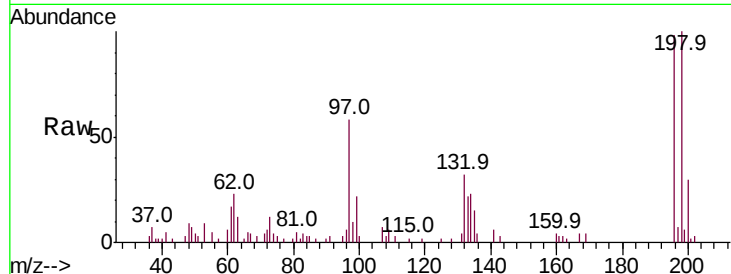
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 101.6 | 75.8 | 113.6 |       |
| 97      | 59.2  | 42.4 | 63.6  |       |
| 132     | 32.6  | 22.8 | 34.2  |       |

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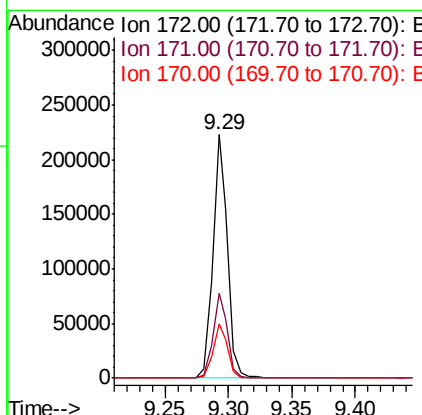
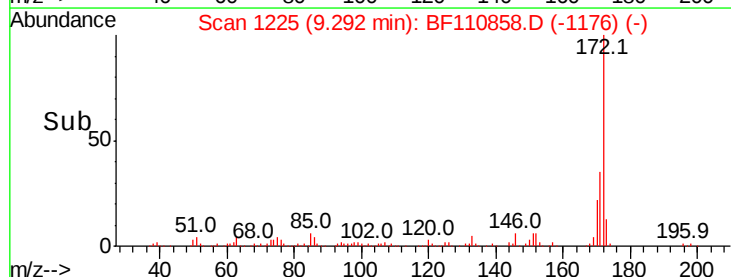
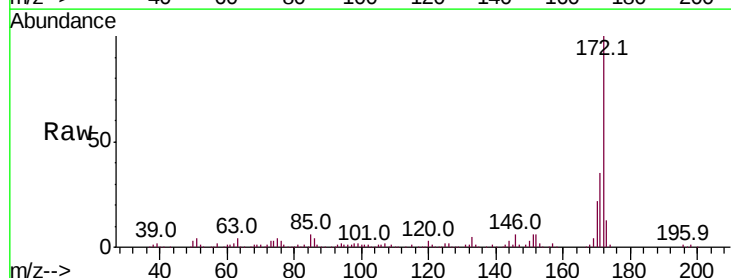
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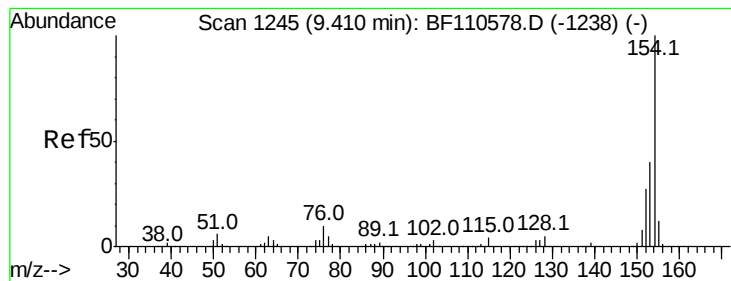
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#45  
 2-Fluorobiphenyl  
 Concen: 22.085 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 35.1  | 28.6 | 43.0  |       |
| 170     | 22.2  | 19.7 | 29.5  |       |





#46

1,1'-Biphenyl

Concen: 15.322 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

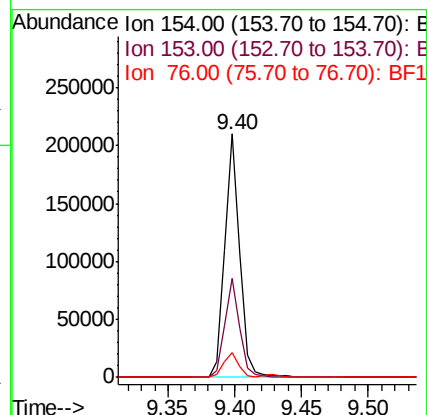
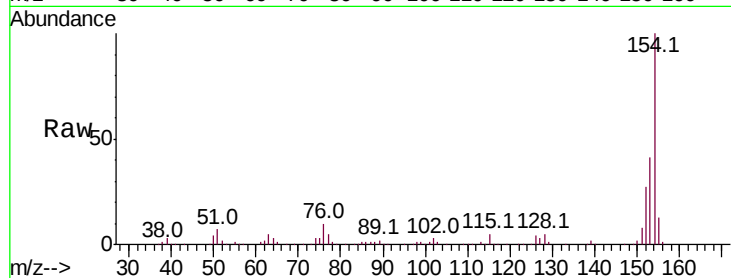
ClientSampleId :

DTW-02(11-13)MS

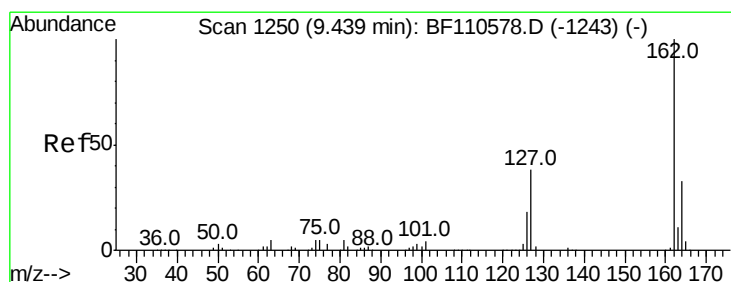
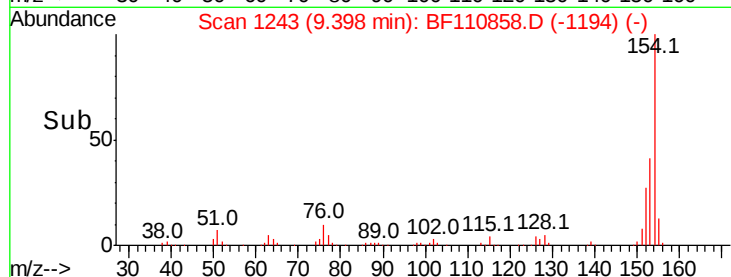
| Tot Ion   | 154   | Resp  | 166913 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.8  | 20.4  | 60.4   |
| 76        | 10.3  | 0.0   | 31.9   |

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#47

2-Chloronaphthalene

Concen: 9.042 ng

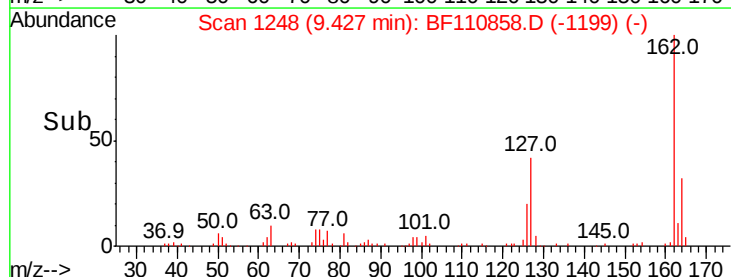
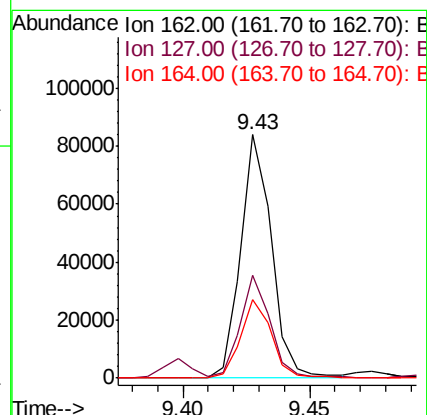
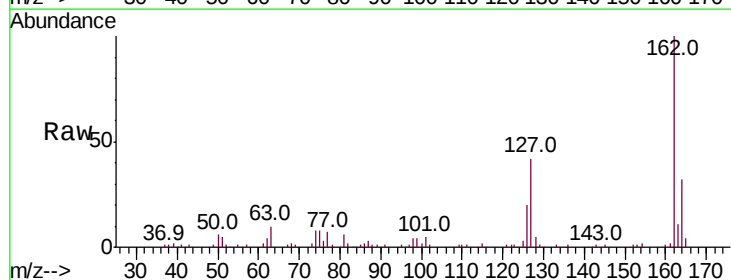
RT: 9.43 min Scan# 1248

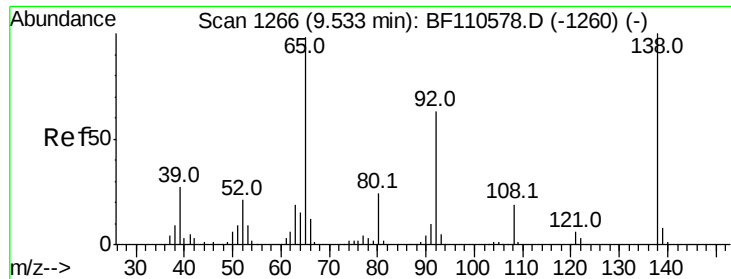
Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

| Tgt Ion   | 162   | Resp  | 70961 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 42.4  | 32.6  | 48.8  |
| 164       | 32.2  | 25.9  | 38.9  |





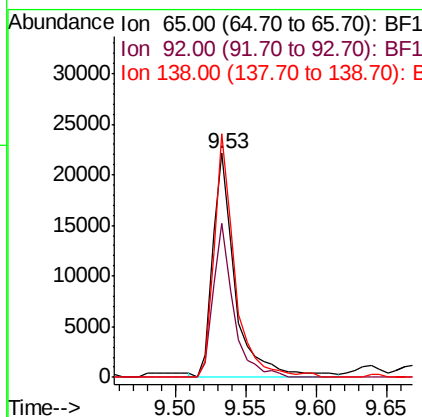
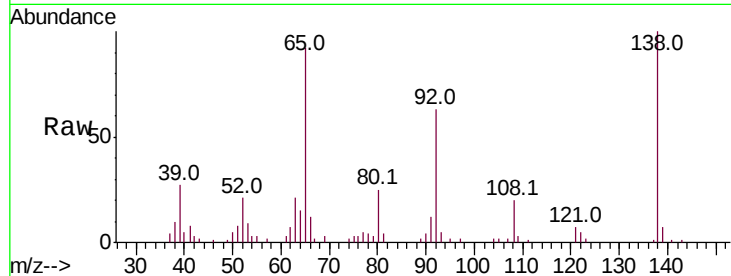
#48  
 2-Nitroaniline  
 Concen: 10.135 ng  
 RT: 9.53 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

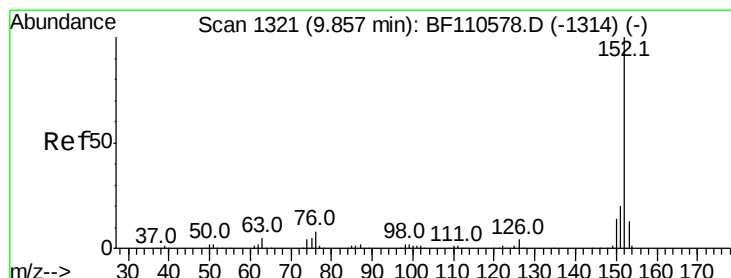
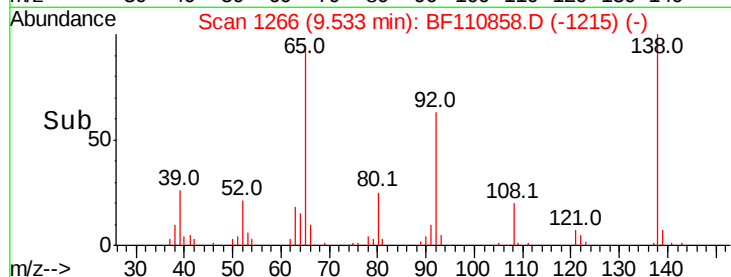
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 24510 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 68.5  | 54.6  | 81.8  |
| 138       | 108.5 | 80.3  | 120.5 |

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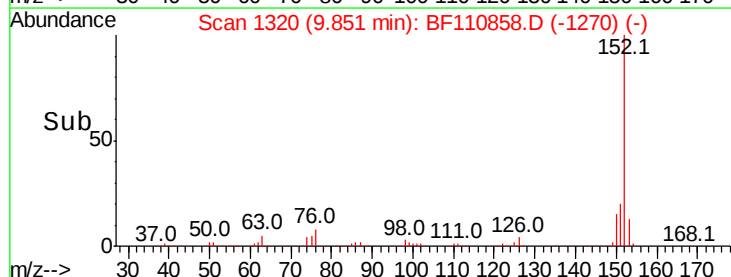
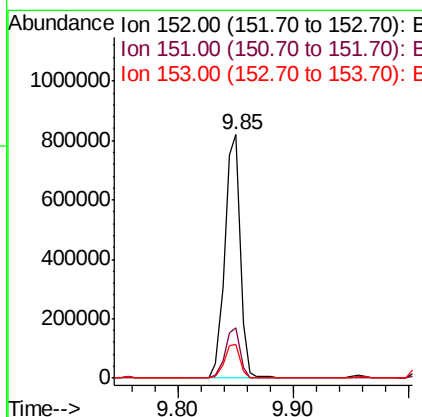
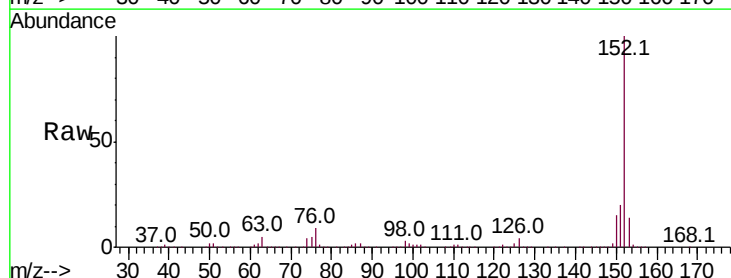


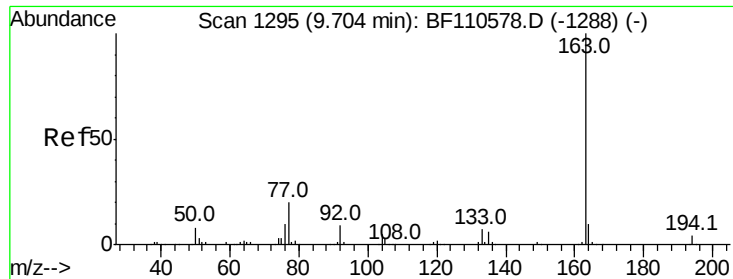
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#49  
 Acenaphthylene  
 Concen: 67.340 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 761090 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.5  | 15.8  | 23.8   |
| 153       | 13.6  | 10.4  | 15.6   |





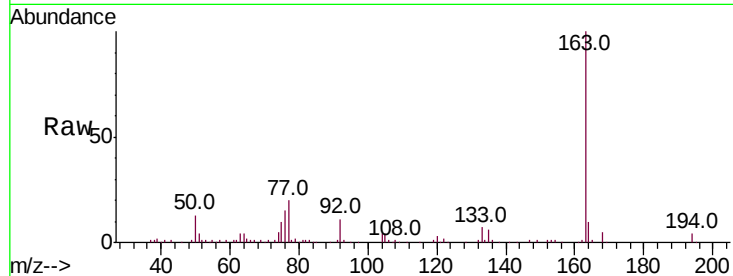
#50  
Dimethylphthalate  
Concen: 11.838 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

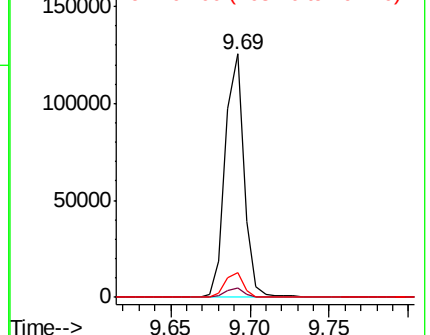
| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 163     | 100 |       |      |       |       |
| 194     | 3.8 |       | 3.2  | 4.8   |       |
| 164     | 9.9 |       | 8.1  | 12.1  |       |

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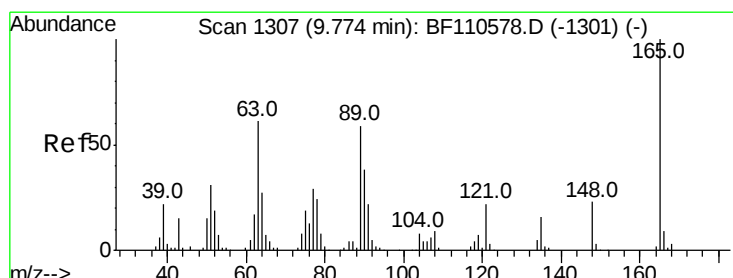
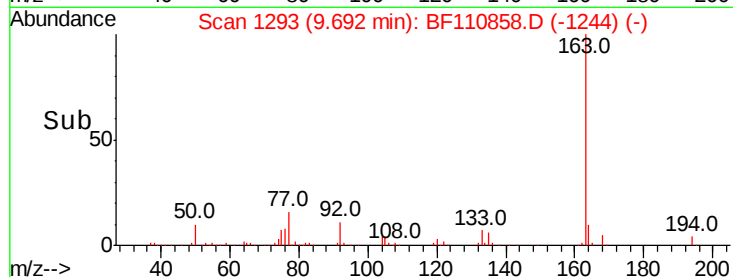
Sohil



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

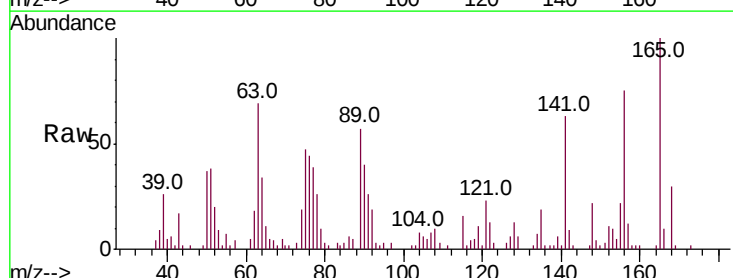


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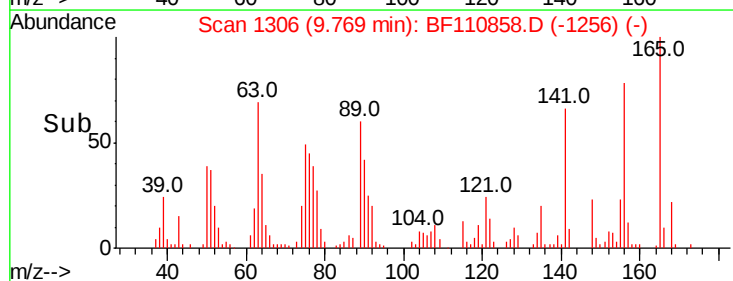
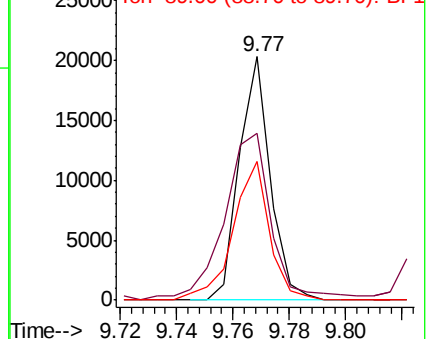


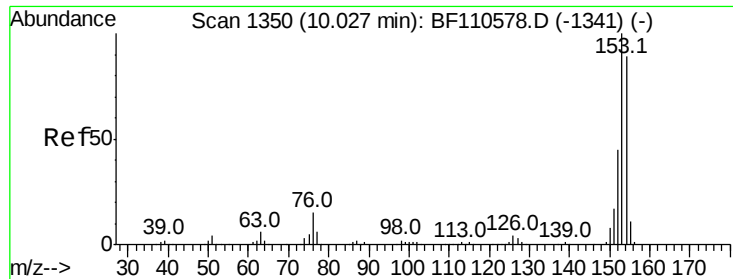
#51  
2,6-Dinitrotoluene  
Concen: 8.103 ng  
RT: 9.77 min Scan# 1306  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 165     | 100  |       |      |       |       |
| 63      | 68.8 |       | 48.9 | 73.3  |       |
| 89      | 57.1 |       | 46.6 | 69.8  |       |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1





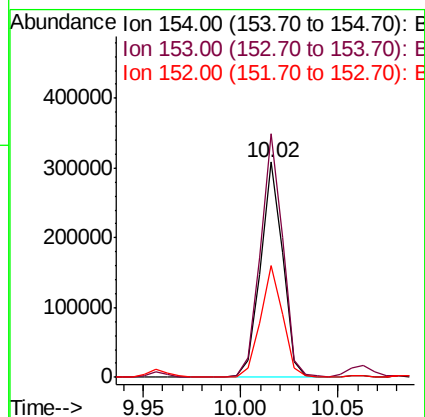
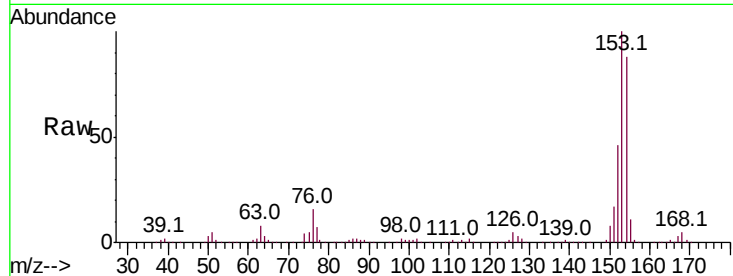
#52  
Acenaphthene  
Concen: 34.090 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

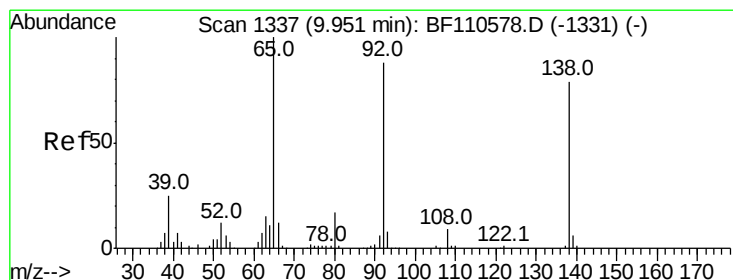
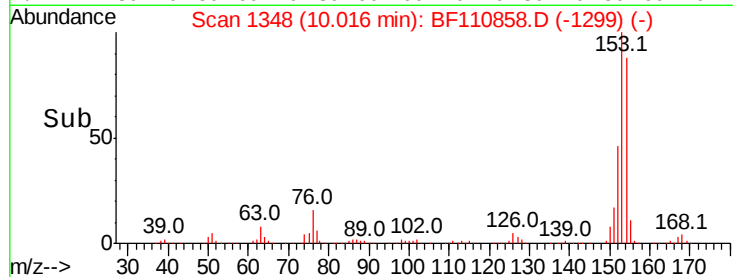
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.1 | 90.1  | 135.1 |
| 152     | 51.8  | 43.4  | 65.2  |

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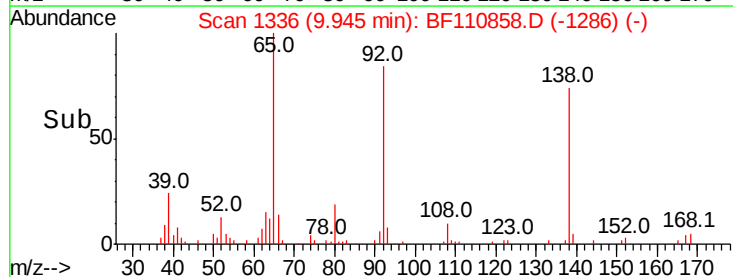
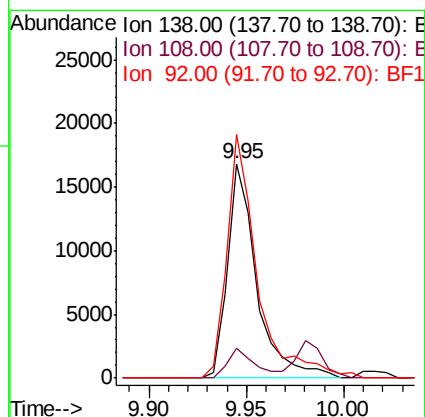
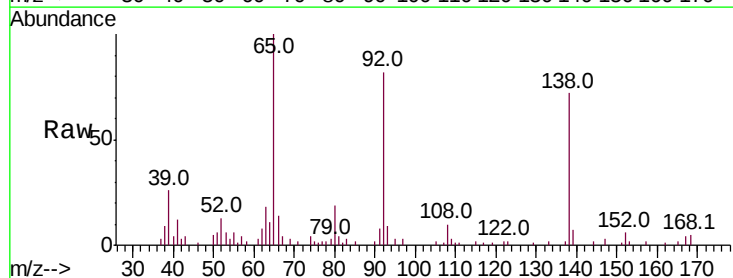


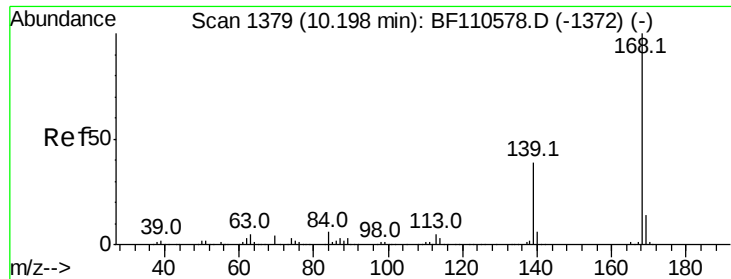
11/20/2018 11:07:39 AM



#53  
3-Nitroaniline  
Concen: 7.864 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 13.9  | 8.7   | 13.1# |
| 92      | 113.5 | 97.0  | 145.4 |





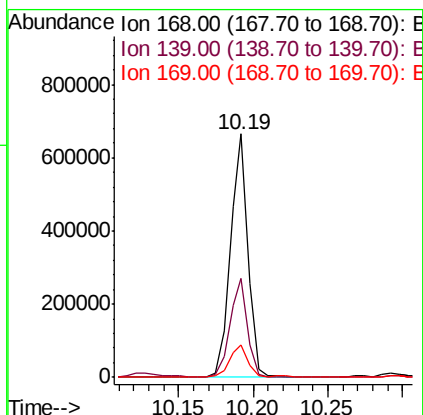
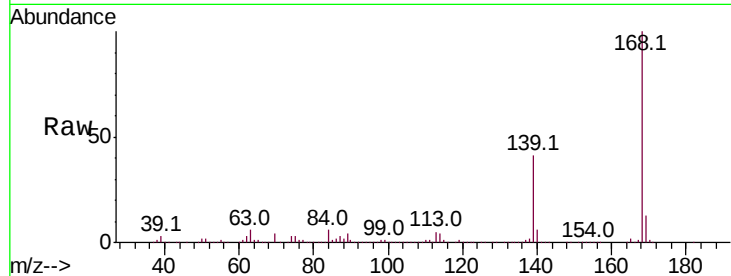
#55  
Dibenzofuran  
Concen: 52.664 ng  
RT: 10.19 min Scan# 1378  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

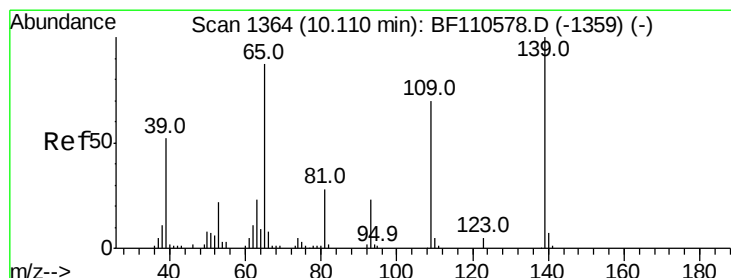
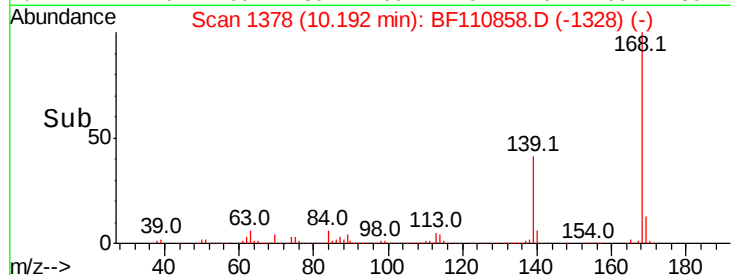
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.6  | 33.0  | 49.6  |
| 169     | 13.2  | 11.3  | 16.9  |

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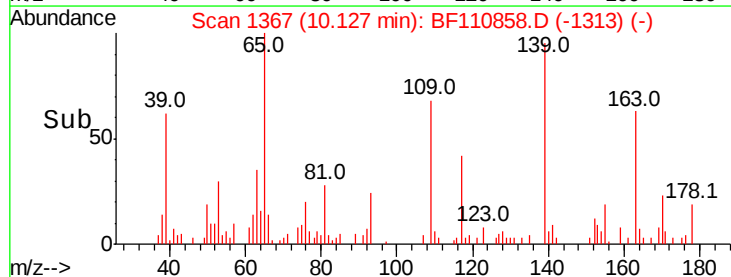
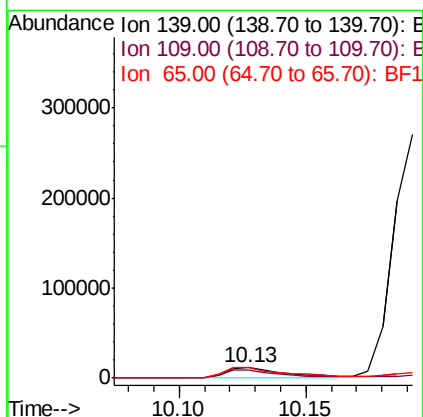
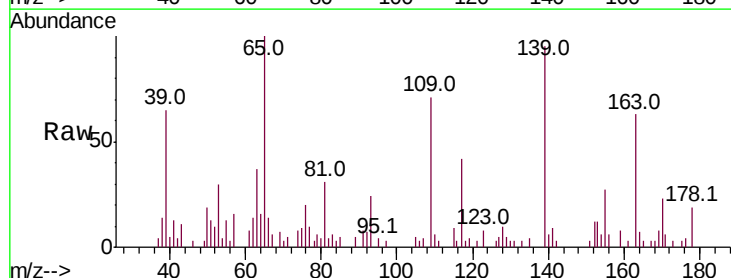


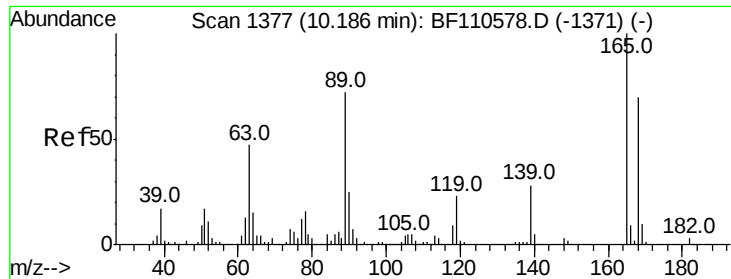
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#56  
4-Nitrophenol  
Concen: 12.702 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. 0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 74.5  | 55.8  | 95.8  |
| 65      | 105.2 | 77.9  | 117.9 |





#57  
2,4-Dinitrotoluene  
Concen: 7.115 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.00 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

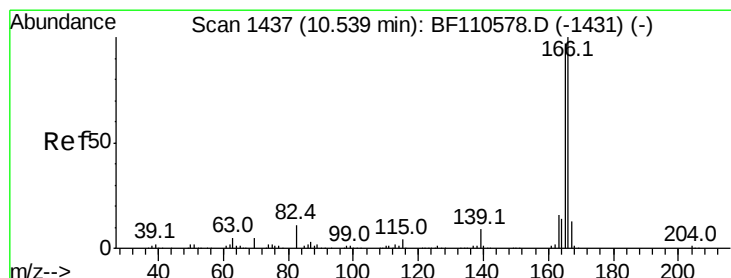
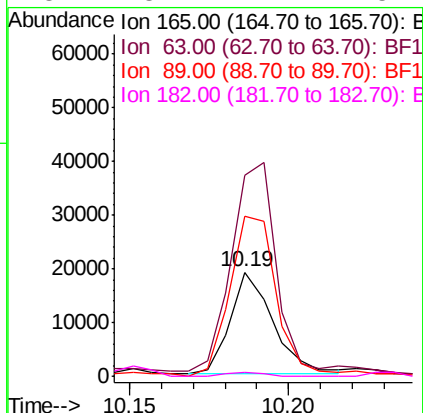
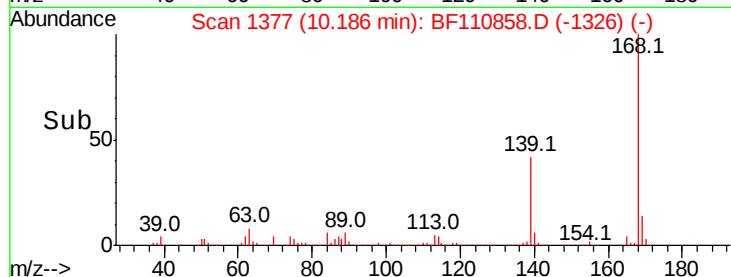
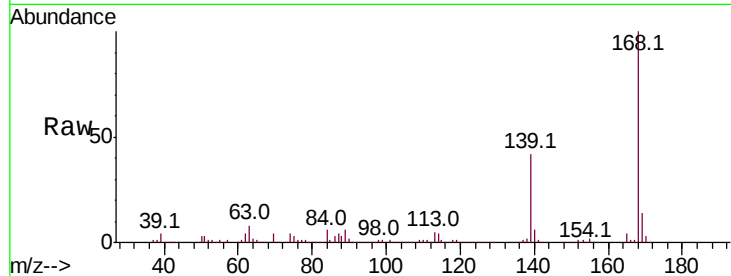
Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 193.7 | 44.8  | 67.2# |
| 89      | 154.0 | 62.2  | 93.4# |
| 182     | 3.4   | 2.1   | 3.1#  |

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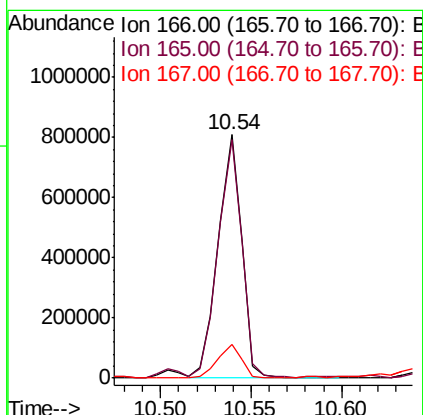
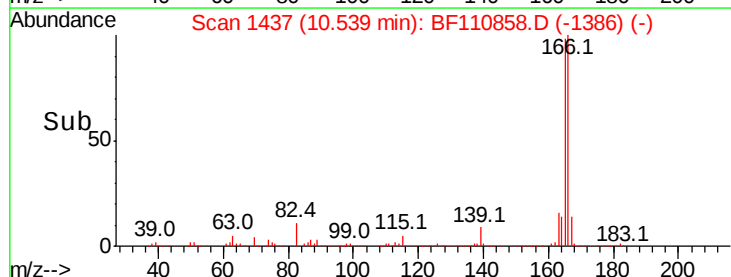
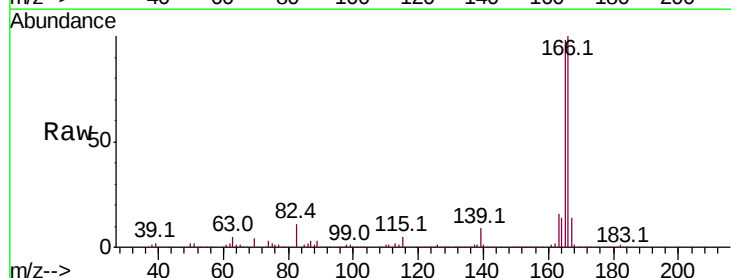
Sohil

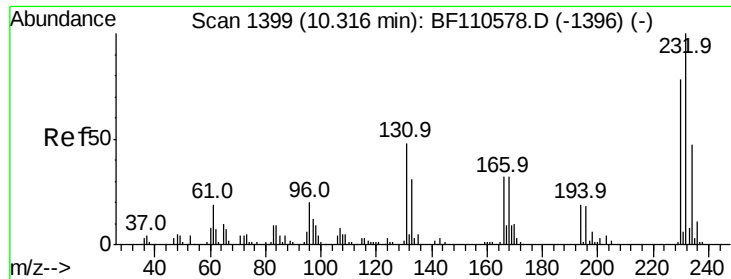
11/20/2018 11:07:39 AM



#58  
Fluorene  
Concen: 91.062 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. -0.00 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.1  | 78.6  | 117.8 |
| 167     | 14.0  | 10.8  | 16.2  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.453 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:232 Resp: 16477

Ion Ratio Lower Upper

232 100

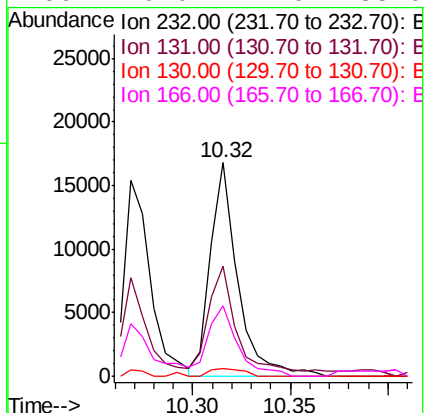
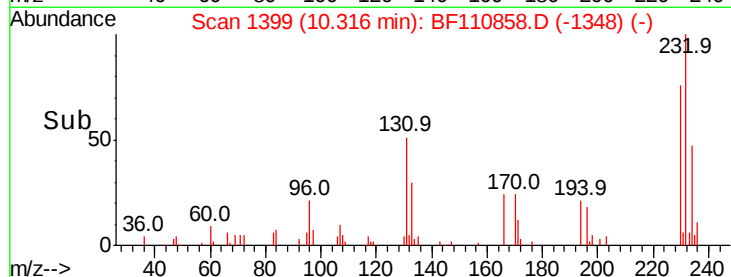
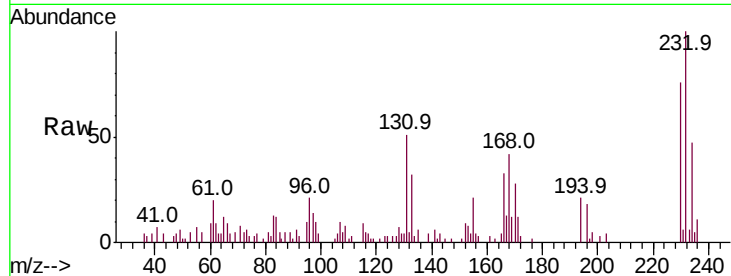
131 47.4 37.0 55.4

130 4.3 1.8 2.6#

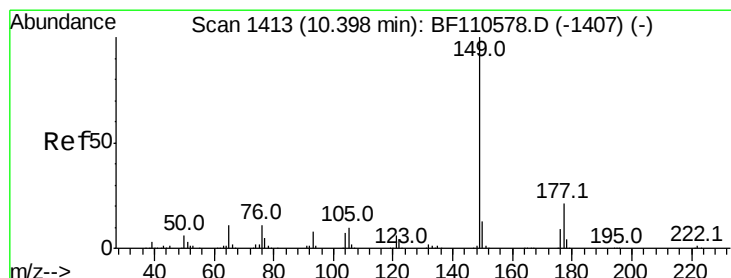
166 0.0 22.0 33.0#

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#60

Diethylphthalate

Concen: 9.574 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

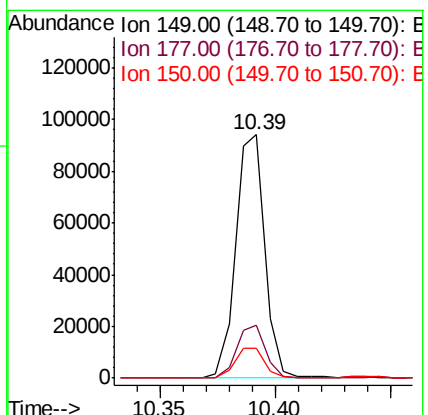
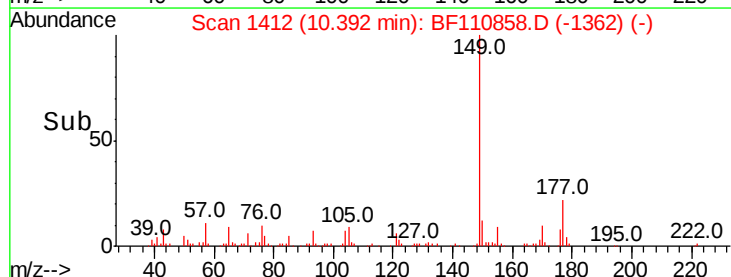
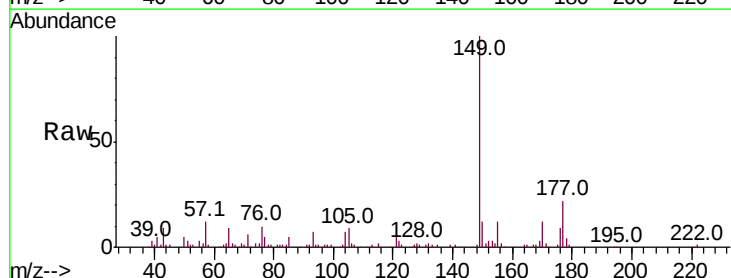
Tgt Ion:149 Resp: 82531

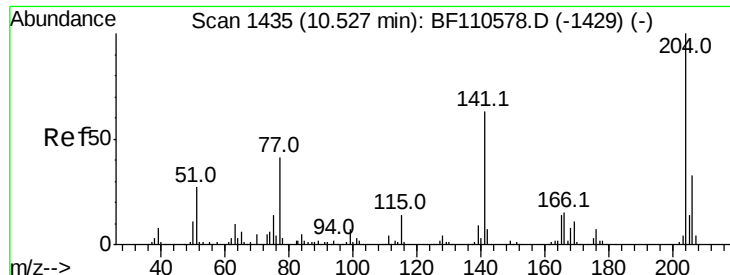
Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

150 12.5 9.8 14.8





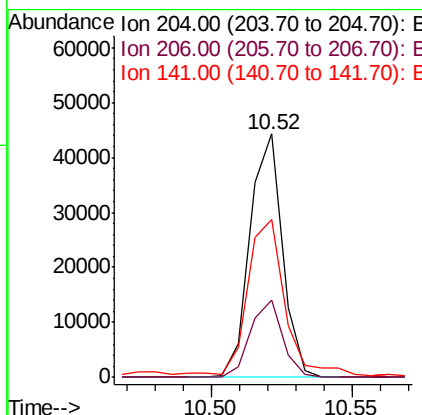
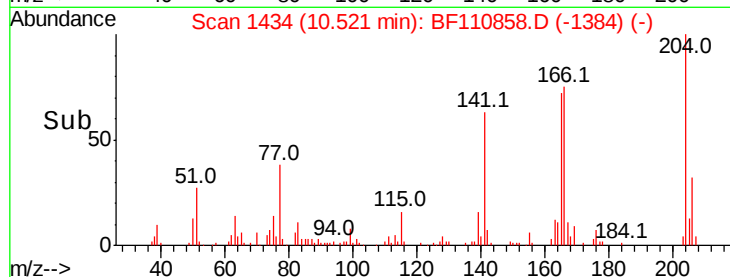
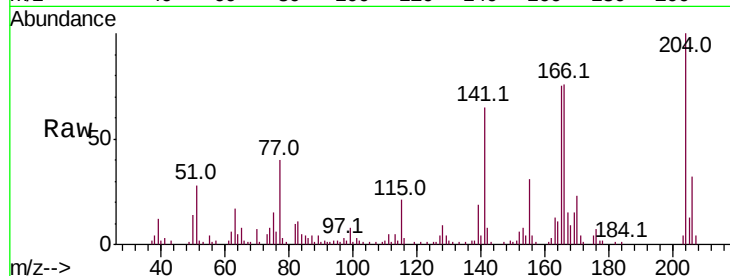
#61  
 4-Chlorophenyl-phenylether  
 Concen: 8.525 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

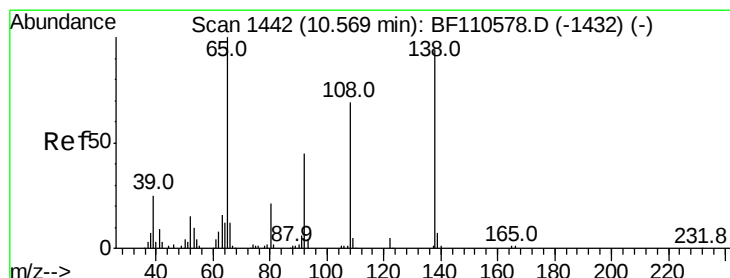
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 204   | Resp: | 35430 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 31.6  | 26.5  | 39.7  |
| 141       | 65.0  | 51.8  | 77.8  |

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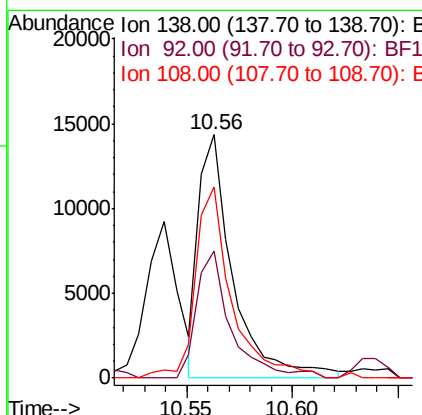
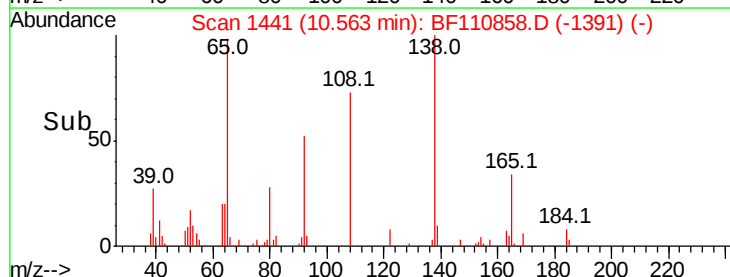
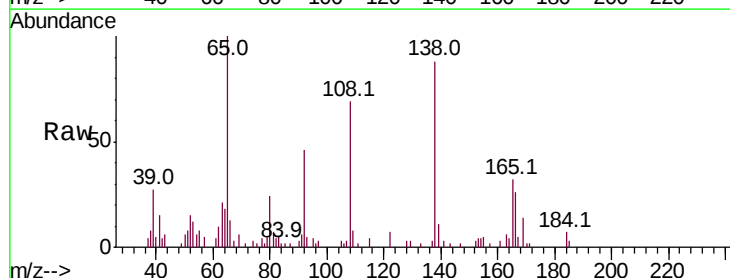


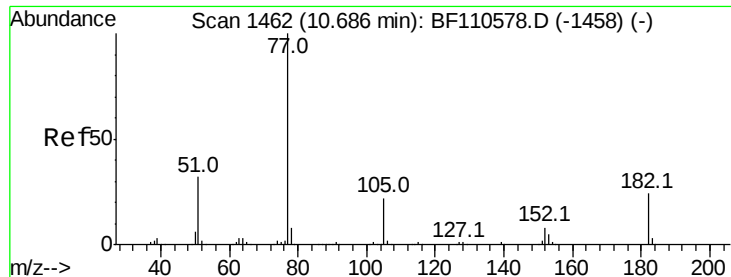
11/20/2018 11:07:39 AM



#62  
 4-Nitroaniline  
 Concen: 7.295 ng  
 RT: 10.56 min Scan# 1441  
 Delta R.T. -0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 16313 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 52.3  | 31.7  | 71.7  |
| 108       | 78.6  | 59.3  | 99.3  |





#63  
Azobenzene  
Concen: 8.461 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

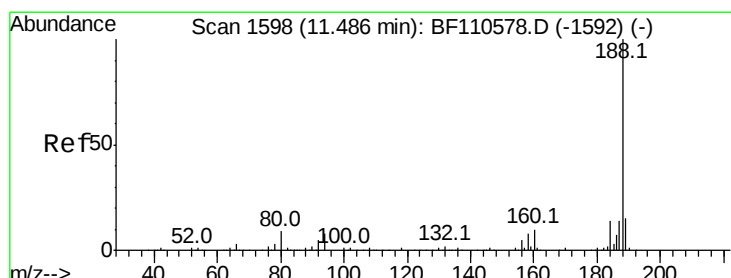
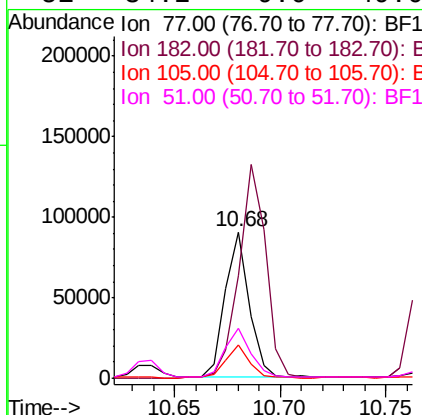
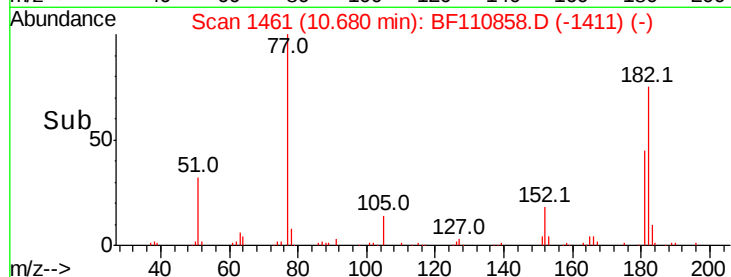
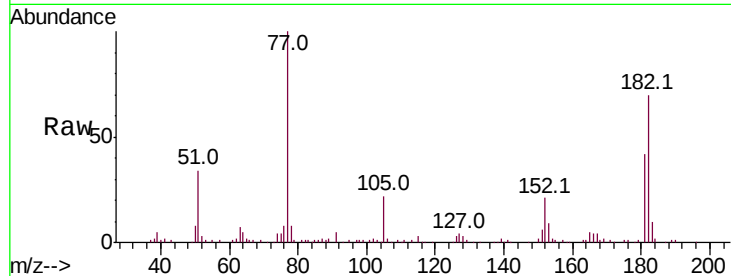
Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 69.8  | 4.3   | 44.3# |
| 105     | 22.4  | 1.3   | 41.3  |
| 51      | 34.2  | 9.0   | 49.0  |

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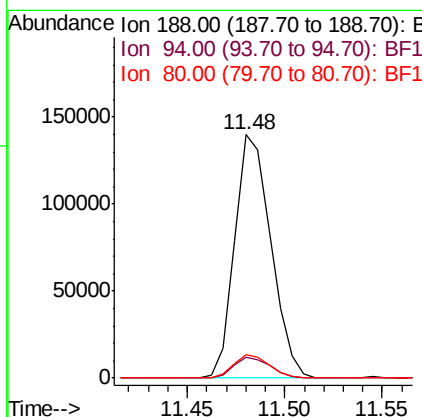
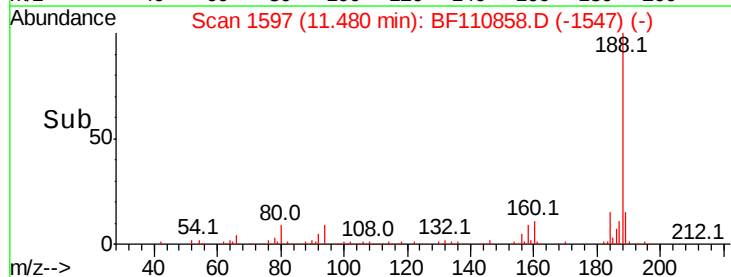
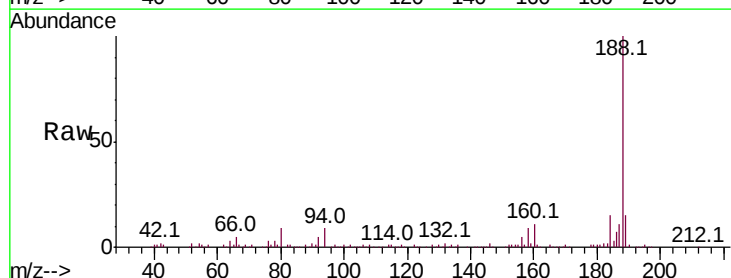
Sohil

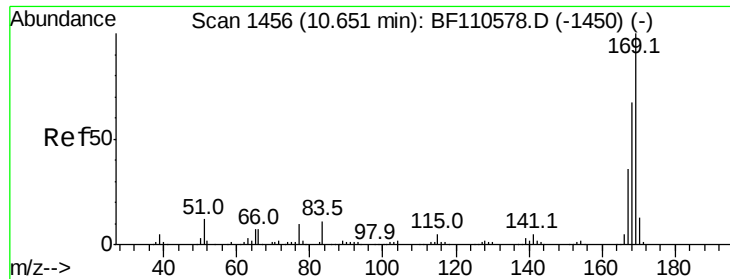
11/20/2018 11:07:39 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 7.2   | 10.8  |
| 80      | 9.5   | 7.9   | 11.9  |





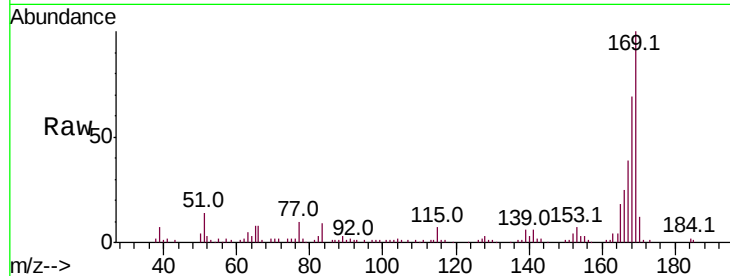
#66  
n-Nitrosodiphenylamine  
Concen: 11.057 ng  
RT: 10.64 min Scan# 1454  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.7  | 51.2  | 76.8  |
| 167     | 39.5  | 27.8  | 41.6  |

Manual Integrations  
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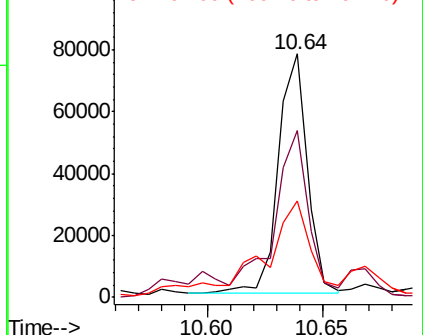


Abundance

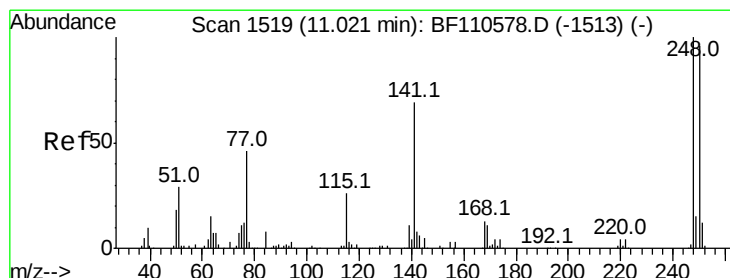
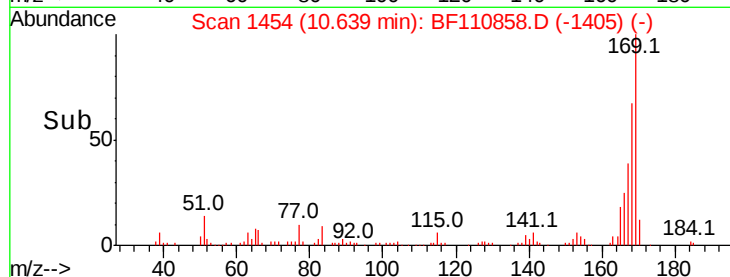
Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

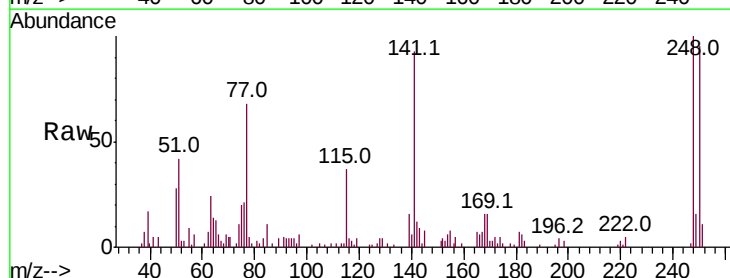


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#67  
4-Bromophenyl-phenylether  
Concen: 9.705 ng  
RT: 11.01 min Scan# 1517  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.4  | 79.4  | 119.2 |
| 141     | 92.8  | 55.9  | 83.9# |

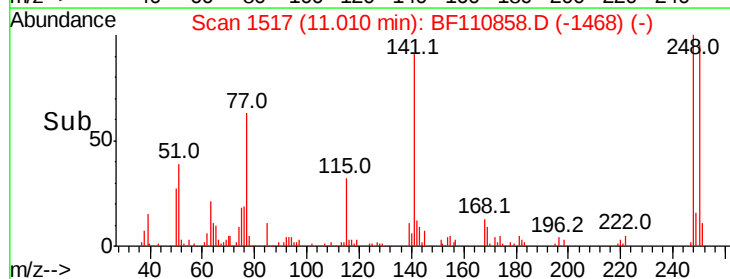
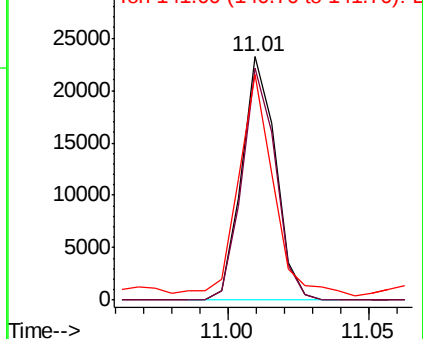


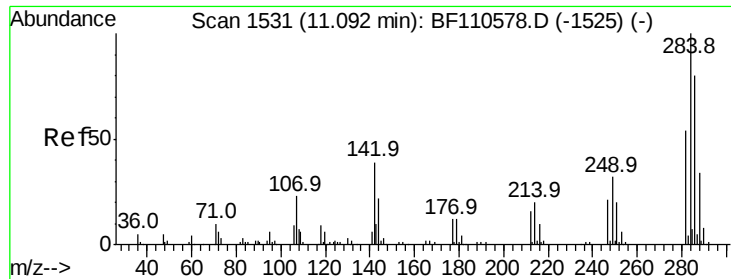
Abundance

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





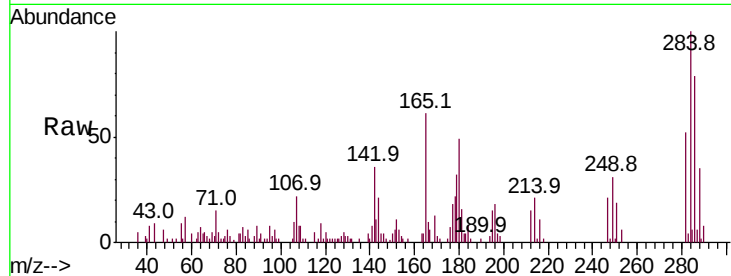
#68  
Hexachlorobenzene  
Concen: 8.732 ng  
RT: 11.09 min Scan# 1531  
Delta R.T. -0.00 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.2  | 23.9  | 35.9# |
| 249     | 31.5  | 24.2  | 36.2  |

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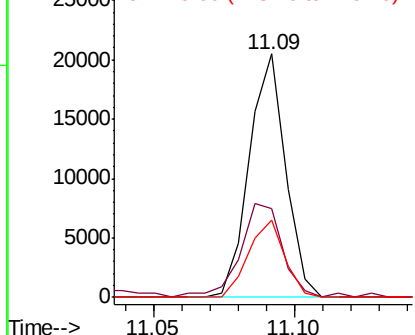


Abundance

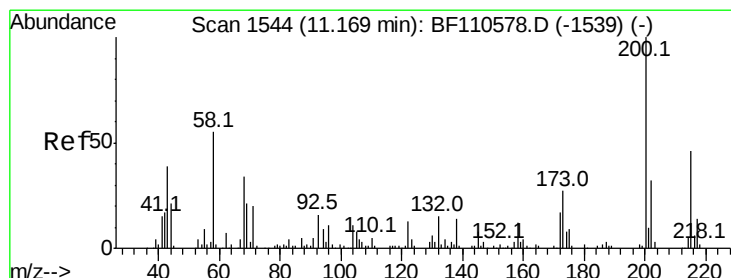
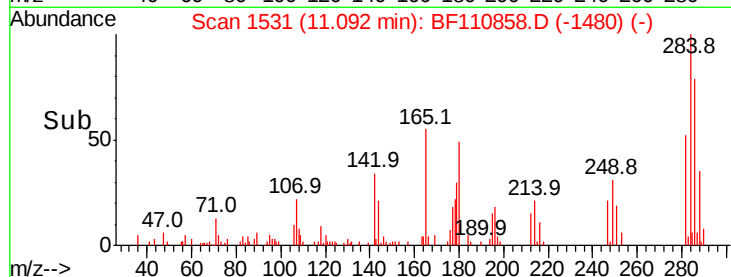
Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

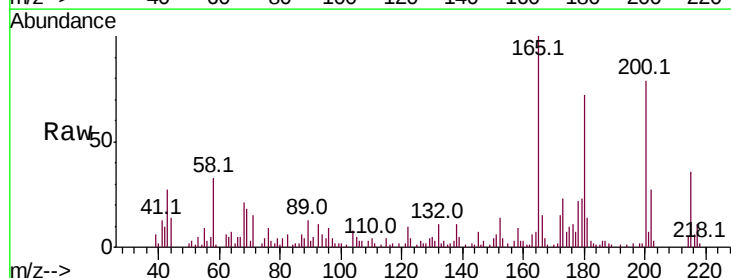


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#69  
Atrazine  
Concen: 10.669 ng  
RT: 11.17 min Scan# 1544  
Delta R.T. -0.00 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.8  | 6.6   | 46.6  |
| 215     | 45.9  | 26.3  | 66.3  |

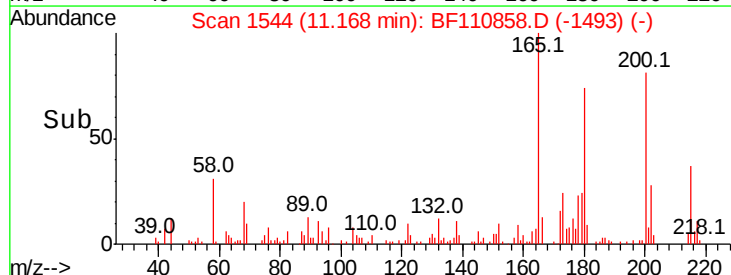
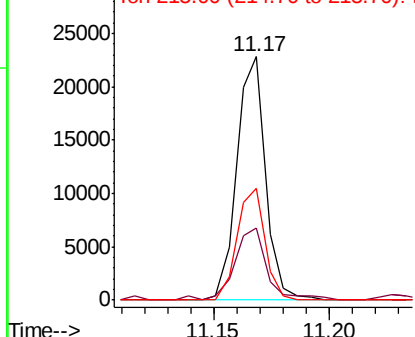


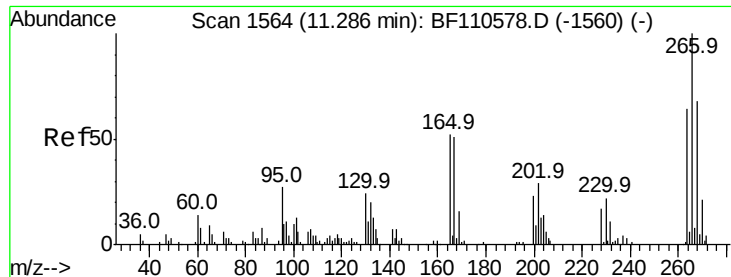
Abundance

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





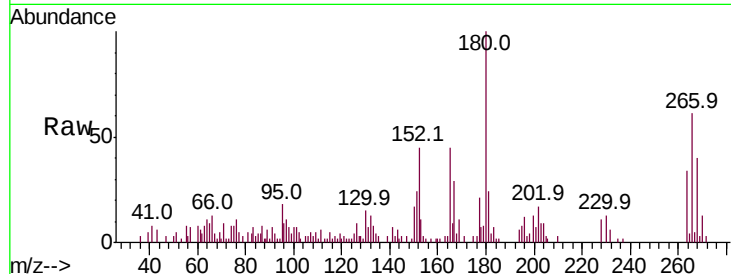
#70  
 Pentachlorophenol  
 Concen: 10.040 ng  
 RT: 11.30 min Scan# 1566  
 Delta R.T. 0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

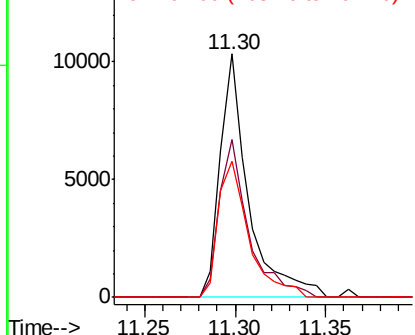
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.9  | 50.6  | 75.8  |
| 264     | 56.1  | 50.6  | 75.8  |

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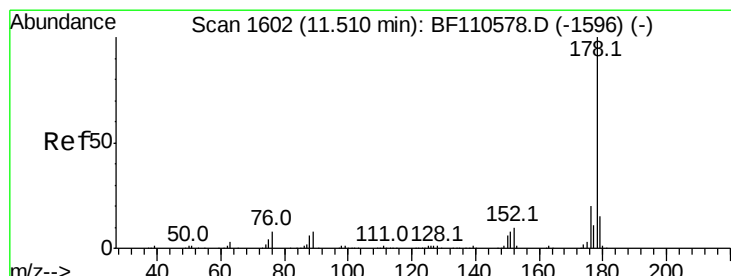
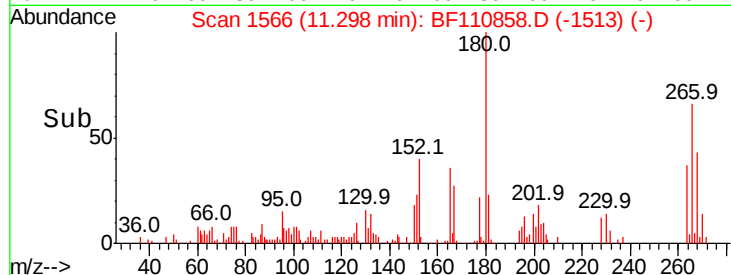
Sohil



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

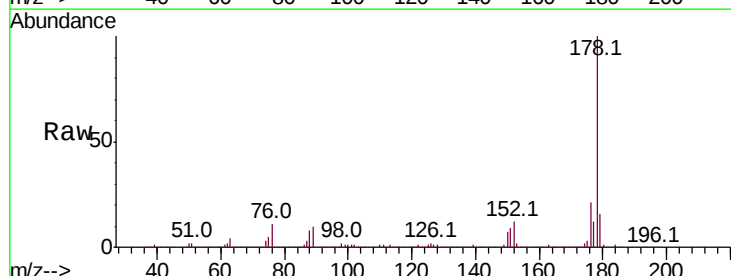


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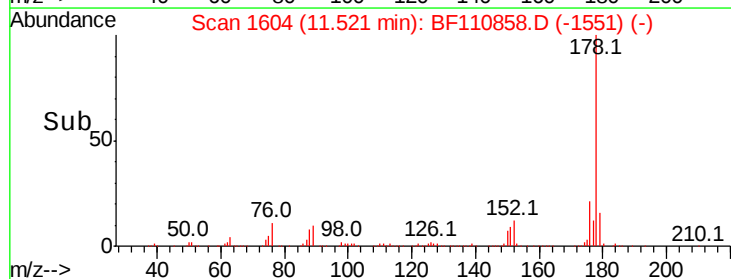
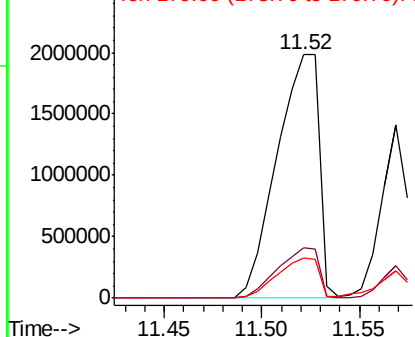


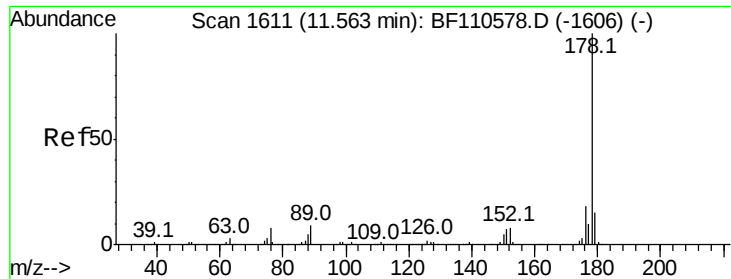
#71  
 Phenanthrene  
 Concen: 307.954 ng  
 RT: 11.52 min Scan# 1604  
 Delta R.T. 0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 15.5  | 23.3  |
| 179     | 16.2  | 12.5  | 18.7  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 133.051 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:178 Resp: 1292298

Ion Ratio Lower Upper

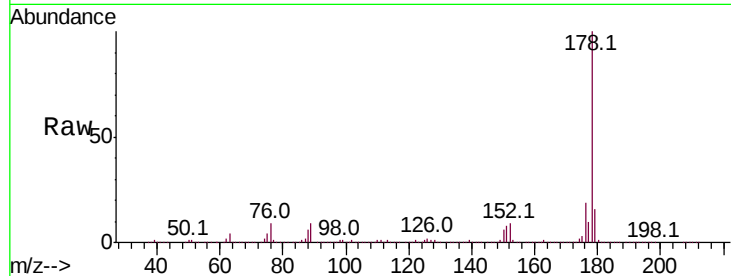
178 100

176 19.1 15.4 23.2

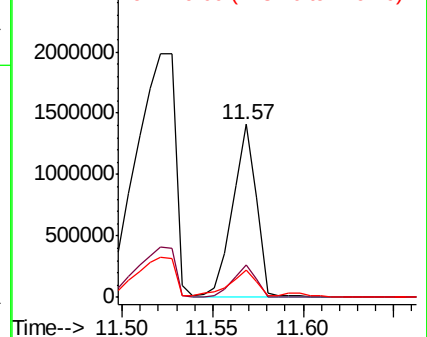
179 15.7 12.6 18.8

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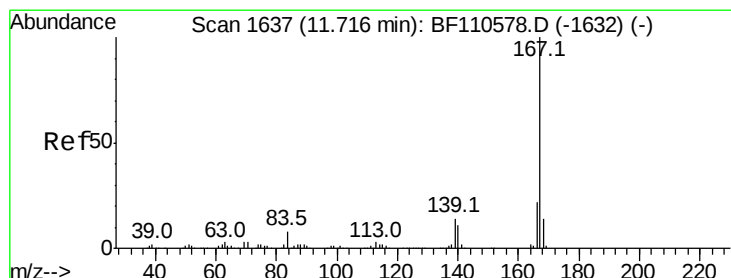
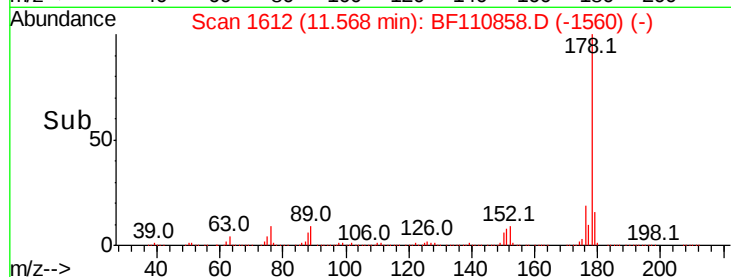
Sohil



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



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#73

Carbazole

Concen: 35.535 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

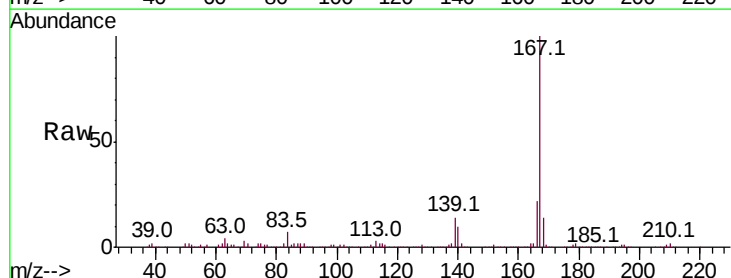
Tgt Ion:167 Resp: 331466

Ion Ratio Lower Upper

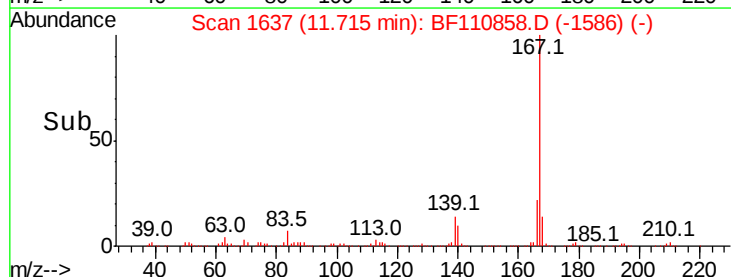
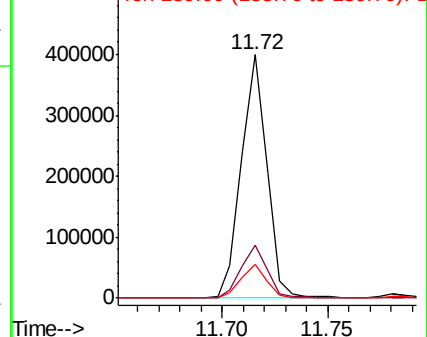
167 100

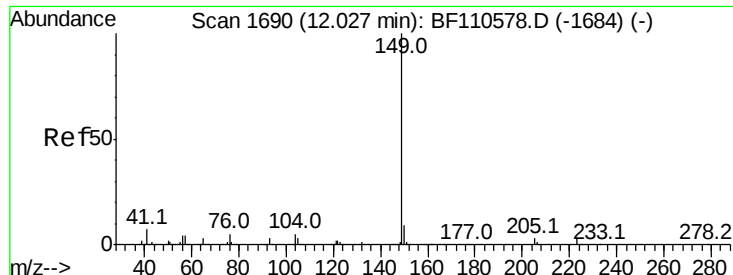
166 21.8 17.4 26.0

139 13.8 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





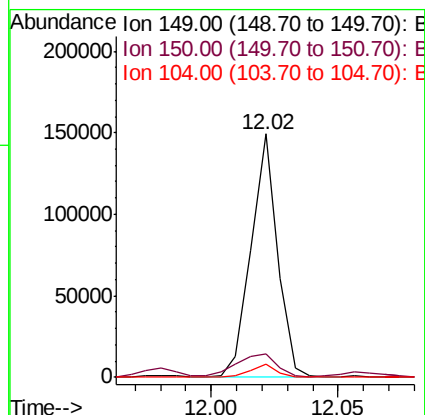
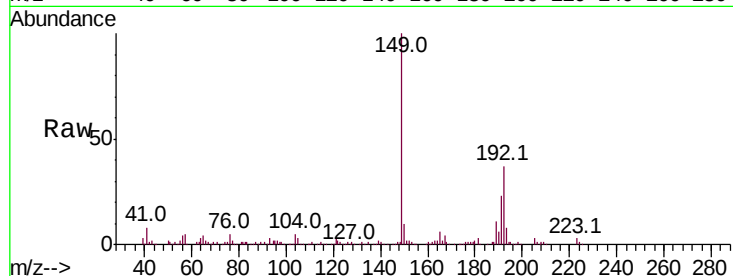
#74  
Di-n-butylphthalate  
Concen: 9.992 ng  
RT: 12.02 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

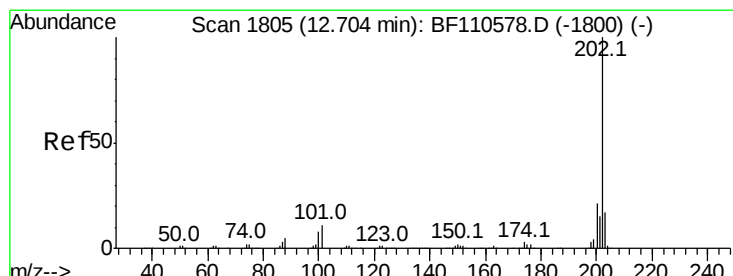
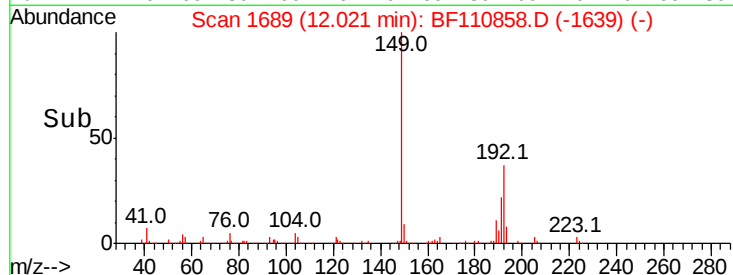
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 109294 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.7   | 7.7   | 11.5   |
| 104       | 5.3   | 4.2   | 6.4    |

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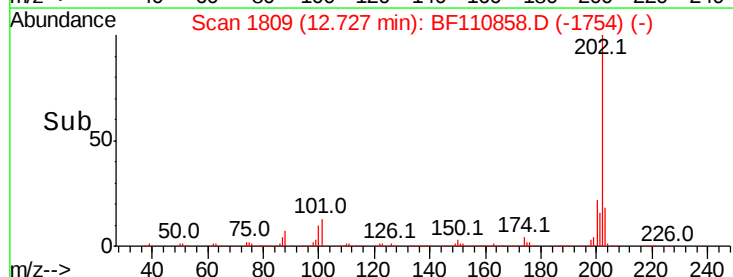
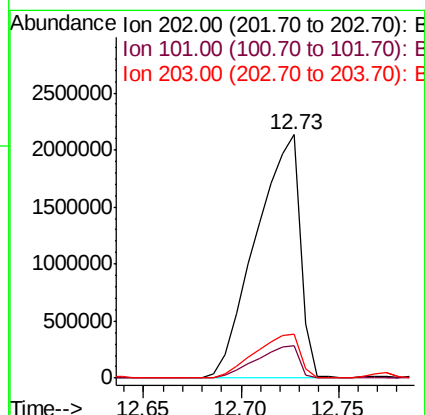
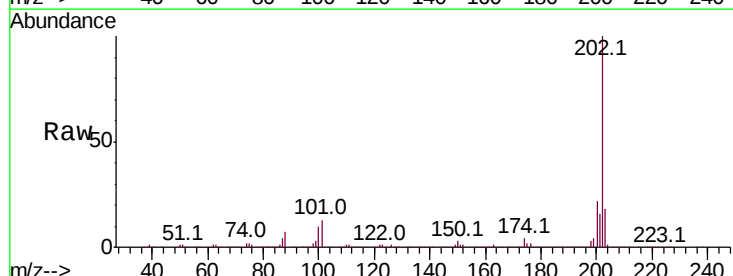


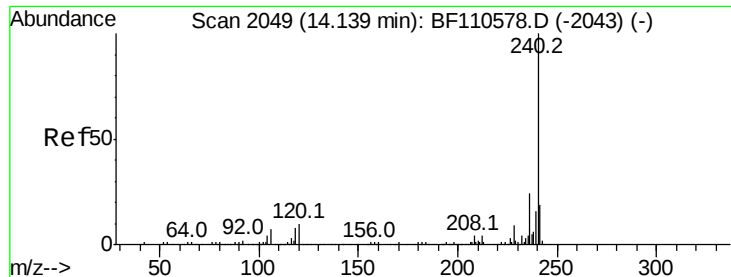
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#75  
Fluoranthene  
Concen: 345.964 ng  
RT: 12.73 min Scan# 1809  
Delta R.T. 0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 3339663 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 13.3  | 0.0   | 31.4    |
| 203       | 18.2  | 0.0   | 37.7    |





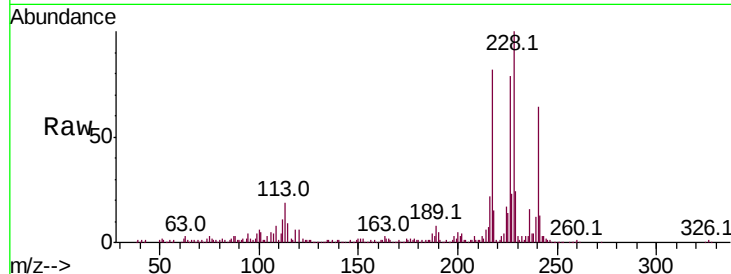
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.15 min Scan# 2051  
Delta R.T. 0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 9.7   | 8.3        | 12.5       |
| 236     | 24.6  | 21.2       | 31.8       |

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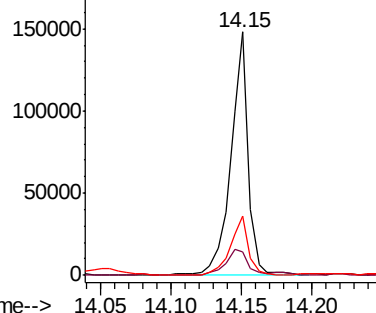


Abundance

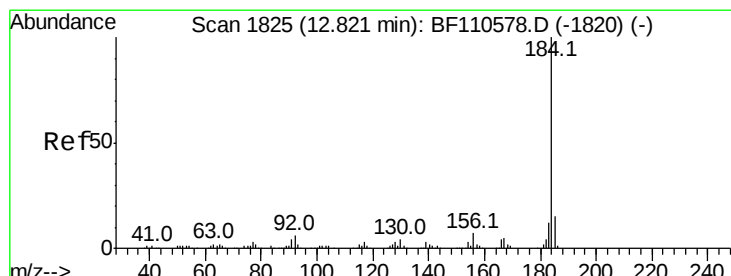
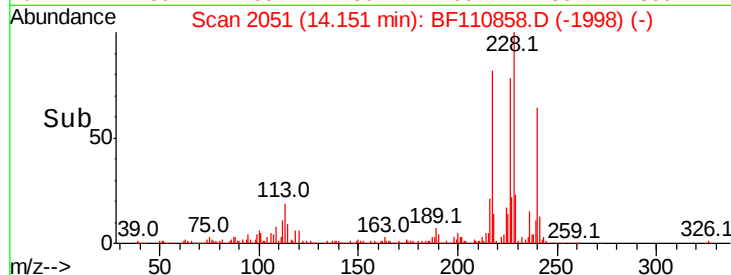
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#77  
Benzidine  
Concen: 10.801 ng  
RT: 12.83 min Scan# 1826  
Delta R.T. 0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

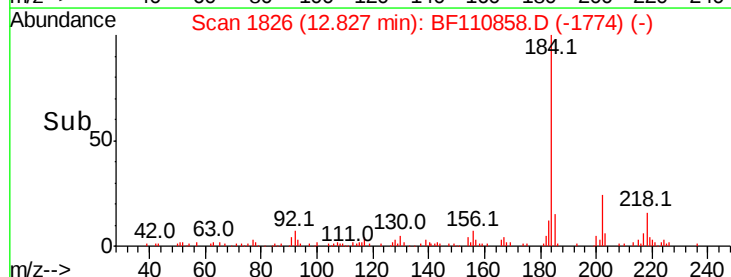
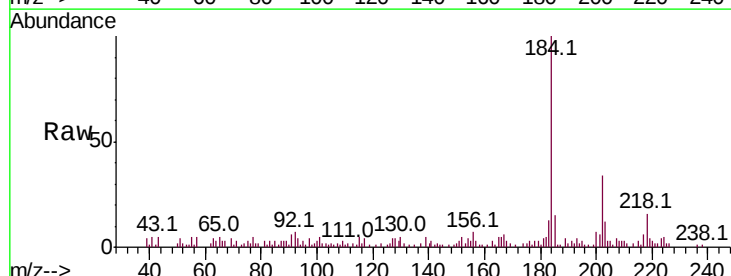
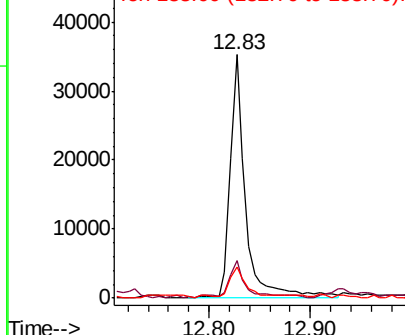
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 184     | 100   |            |            |
| 185     | 15.4  | 13.4       | 20.2       |
| 183     | 12.6  | 9.4        | 14.2       |

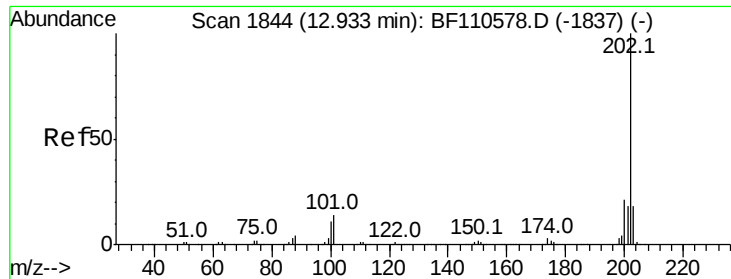
Abundance

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





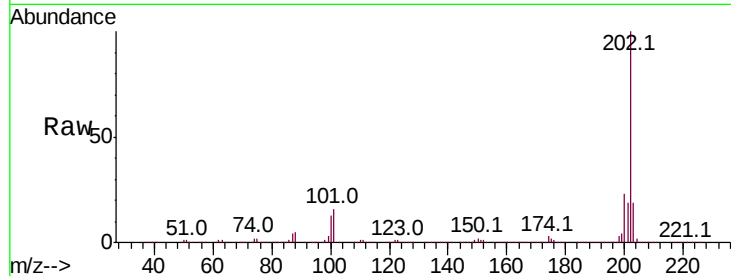
#78  
Pvrene  
Concen: 282.486 ng  
RT: 12.96 min Scan# 1848  
Delta R.T. 0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.8  | 17.8  | 26.6  |
| 203     | 18.9  | 14.2  | 21.4  |

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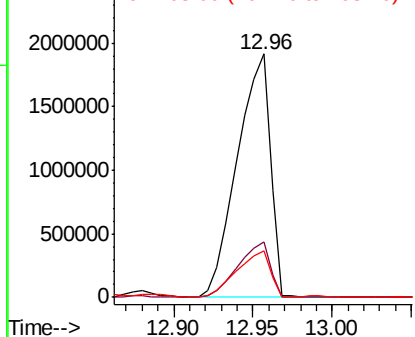


Abundance

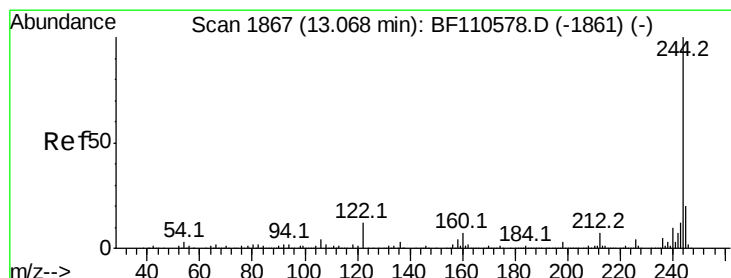
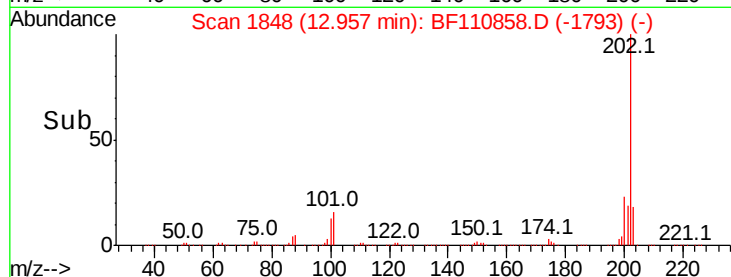
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

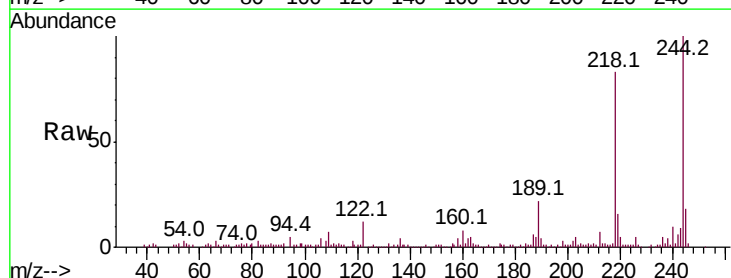


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#79  
Terphenyl-d14  
Concen: 20.042 ng  
RT: 13.06 min Scan# 1865  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.8   | 8.8   |
| 122     | 12.4  | 8.7   | 13.1  |

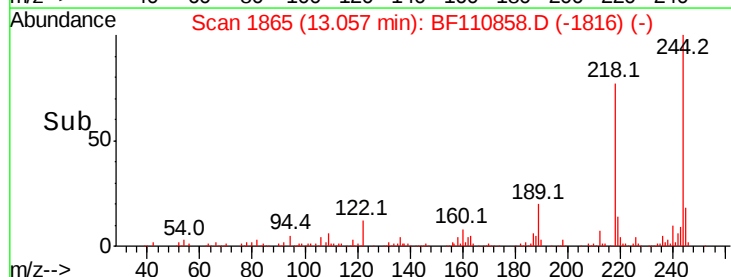
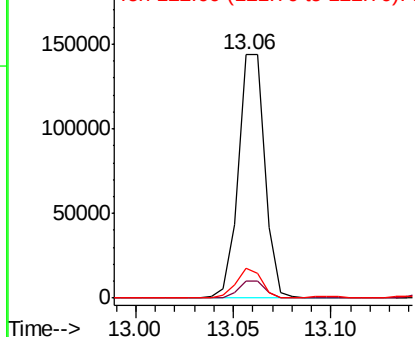


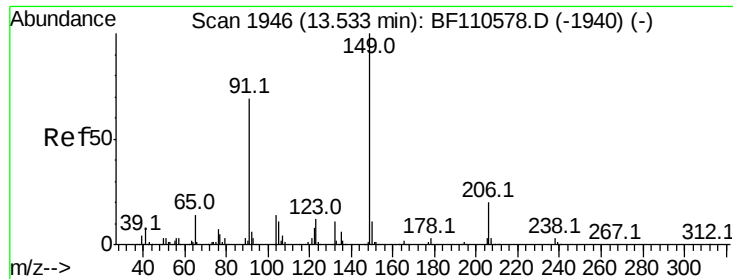
Abundance

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





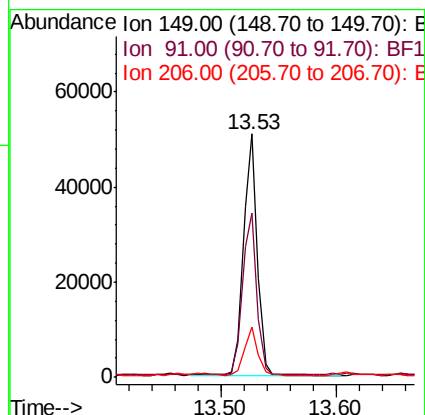
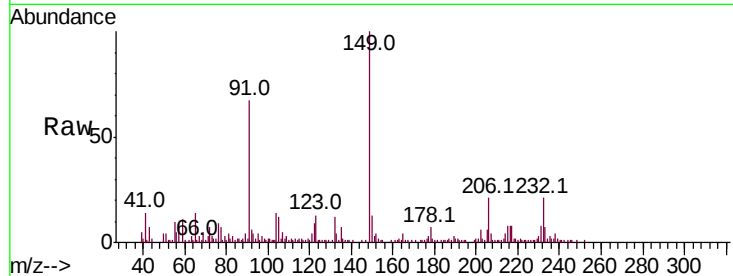
#80  
Butylbenzylphthalate  
Concen: 10.095 ng  
RT: 13.53 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

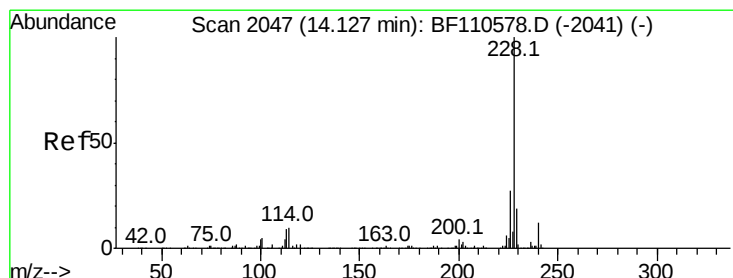
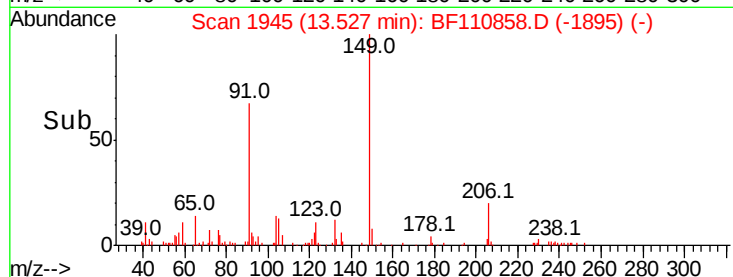
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.4  | 57.2  | 85.8  |
| 206     | 20.8  | 15.7  | 23.5  |

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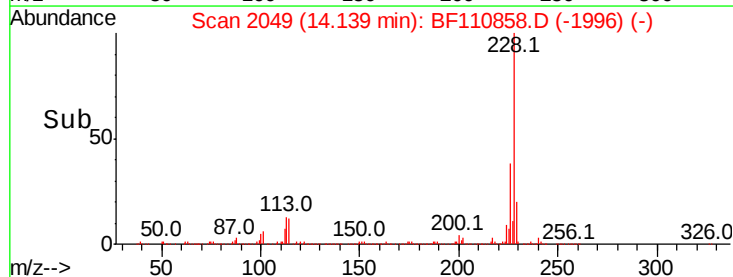
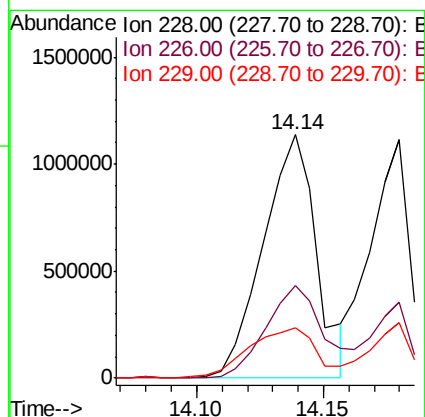
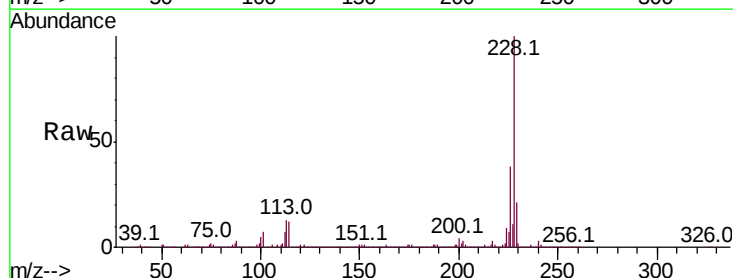


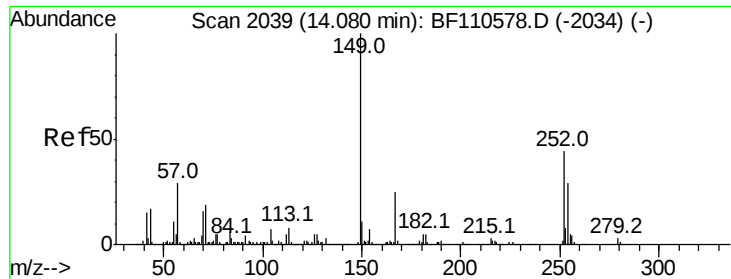
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#81  
Benzo(a)anthracene  
Concen: 219.747 ng  
RT: 14.14 min Scan# 2049  
Delta R.T. 0.01 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 38.3  | 22.1  | 33.1# |
| 229     | 20.6  | 15.6  | 23.4  |





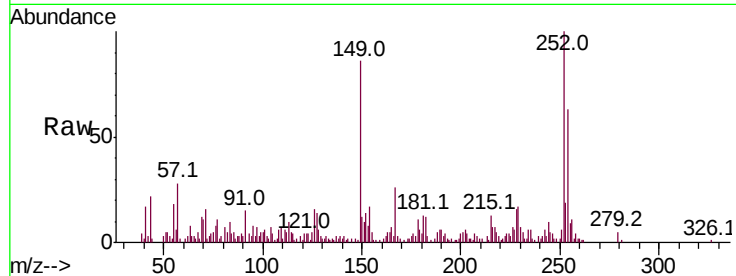
#82  
 3,3'-Dichlorobenzidine  
 Concen: 10.340 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. 0.01 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.0  | 51.3       | 76.9  |
| 126     | 15.9  | 9.4        | 14.2  |

Manual Integrations  
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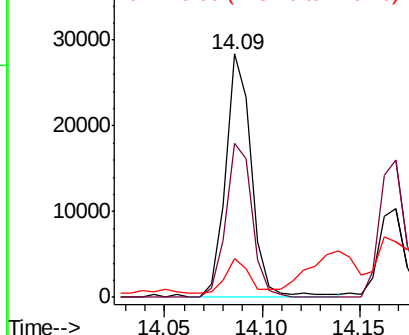


Abundance

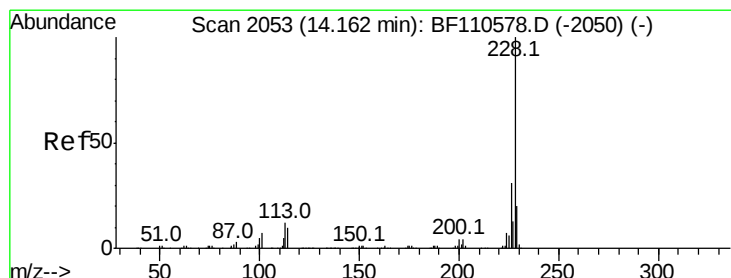
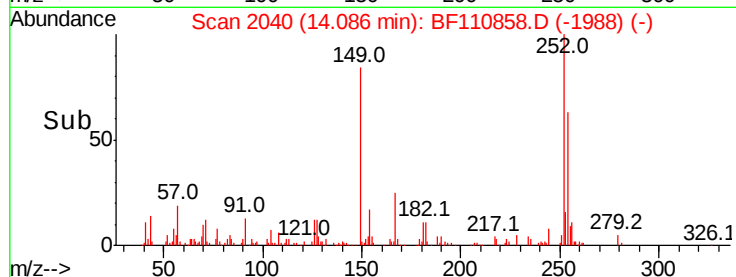
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

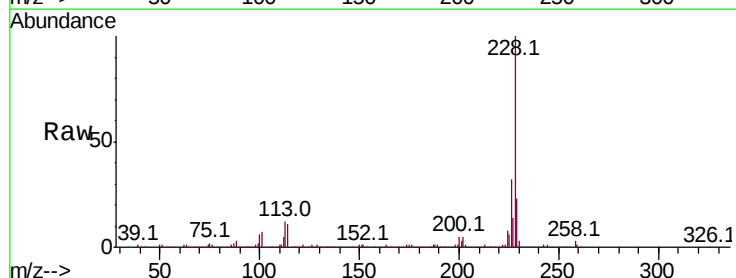


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#83  
 Chrysene  
 Concen: 164.613 ng  
 RT: 14.18 min Scan# 2056  
 Delta R.T. 0.02 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 32.0  | 24.7       | 37.1  |
| 229     | 23.5  | 15.9       | 23.9  |

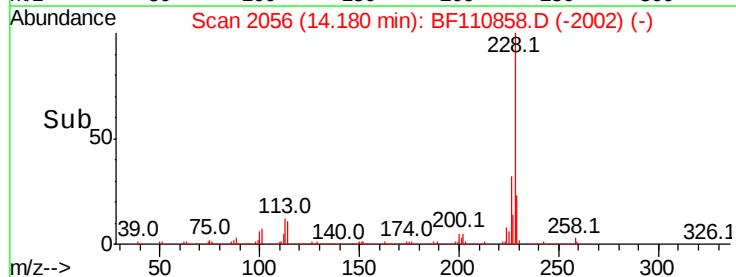
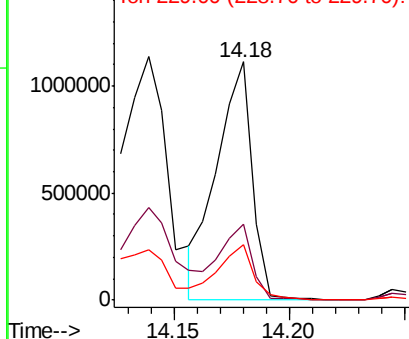


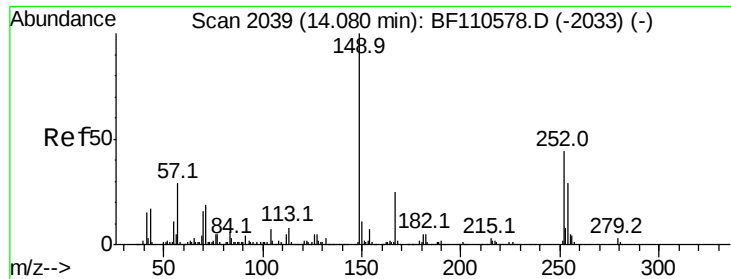
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.908 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF110858.D

Acq: 19 Nov 2018 17:32

Instrument :

BNA\_F

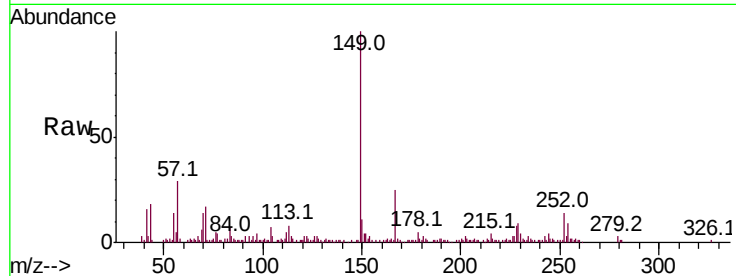
ClientSampleId :

DTW-02(11-13)MS

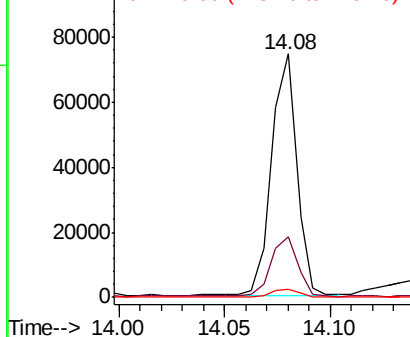
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 149   | Resp: | 61933 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 25.0  | 19.8  | 29.8  |
| 279      | 3.1   | 2.7   | 4.1   |

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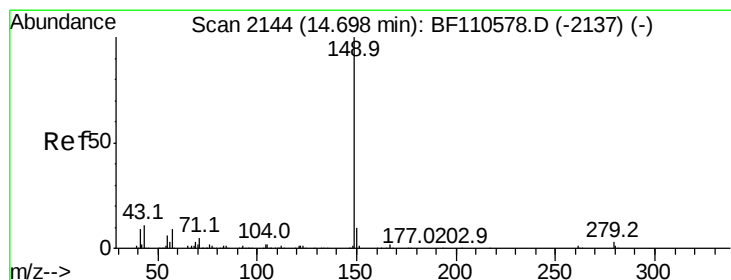
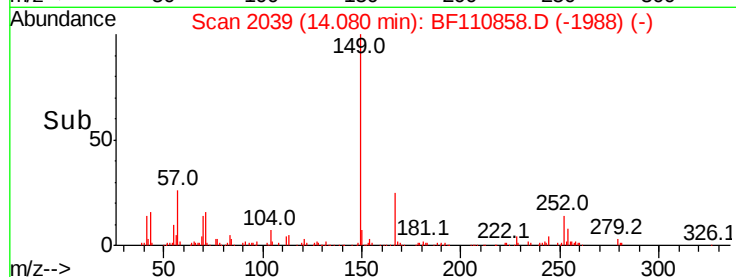
Sohil



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



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#85

Di-n-octyl phthalate

Concen: 14.038 ng

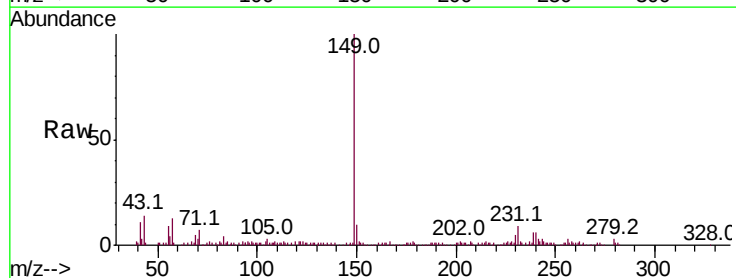
RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

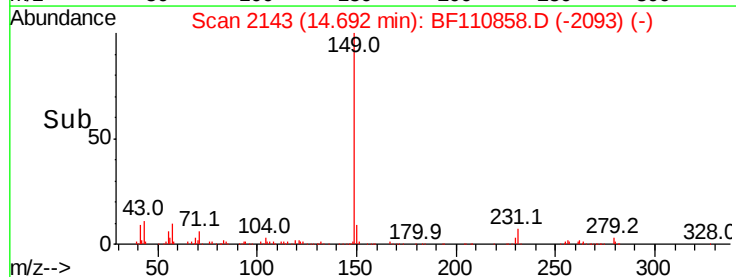
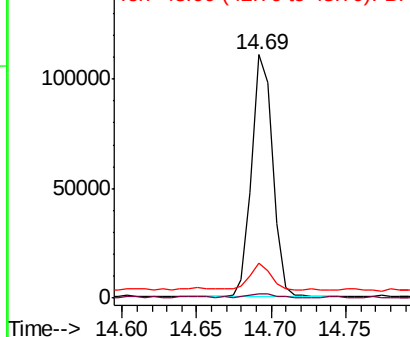
Lab File: BF110858.D

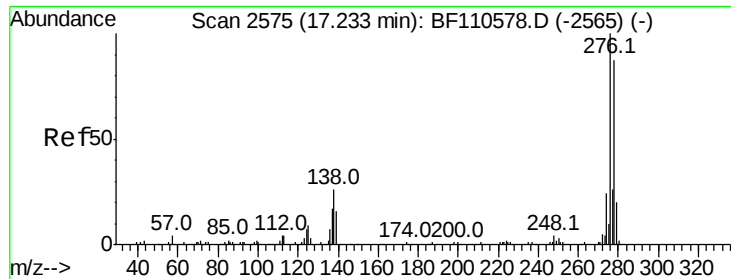
Acq: 19 Nov 2018 17:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 107366 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 1.5   | 1.1   | 1.7    |
| 43       | 11.6  | 7.8   | 11.8   |



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): BF1





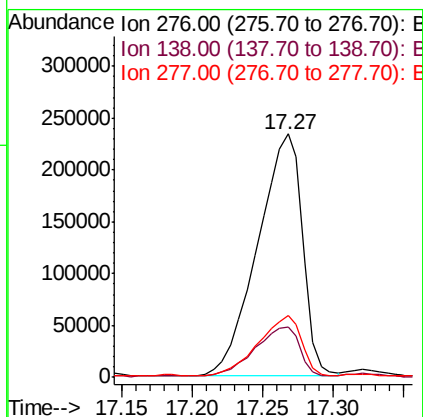
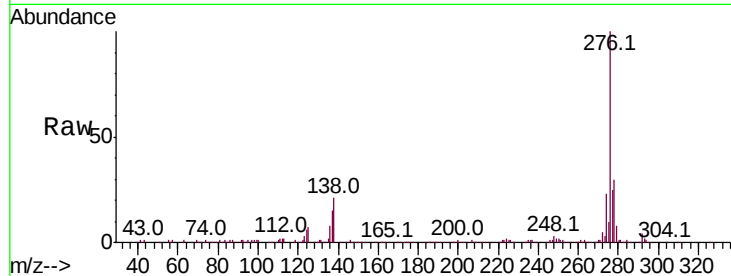
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 99.992 ng  
RT: 17.27 min Scan# 2581  
Delta R.T. 0.04 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

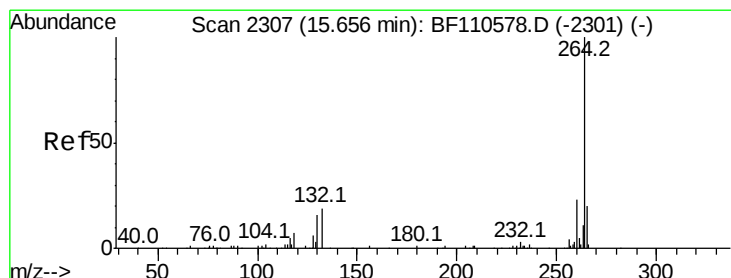
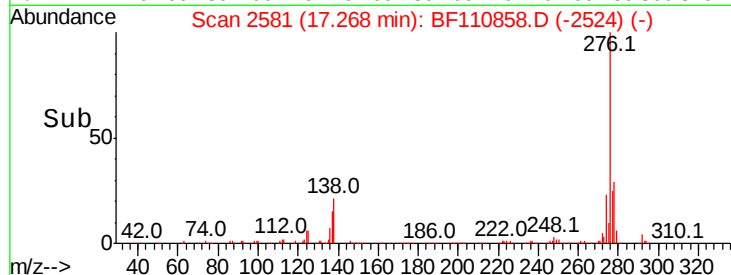
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.5  | 18.5  | 27.7  |
| 277     | 23.8  | 20.0  | 30.0  |

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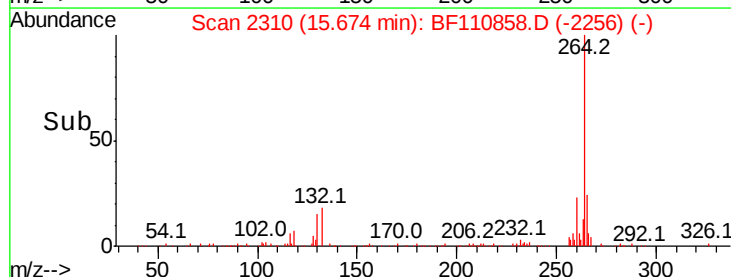
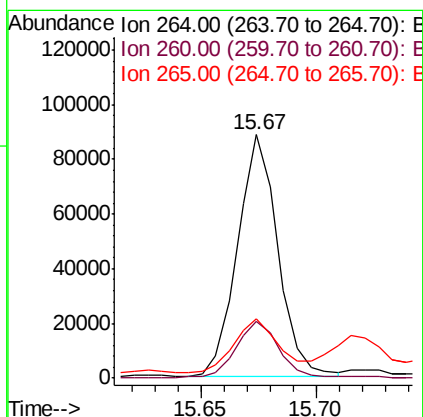
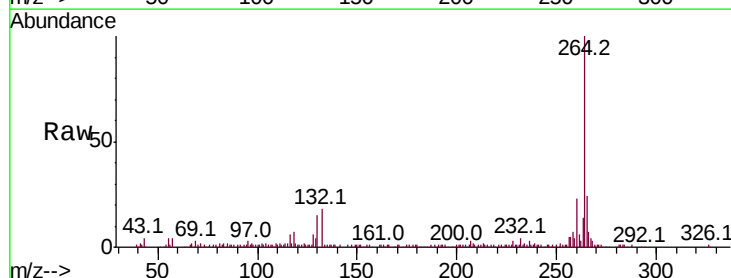


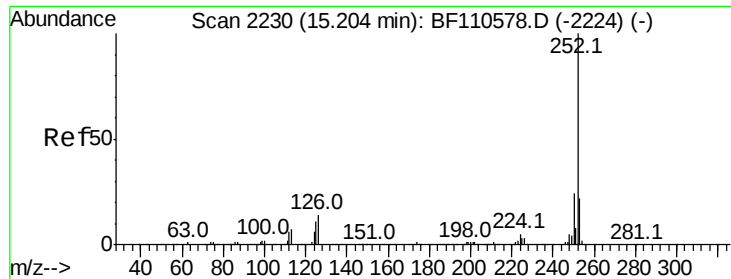
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#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.67 min Scan# 2310  
Delta R.T. 0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 18.7  | 28.1  |
| 265     | 24.4  | 16.7  | 25.1  |





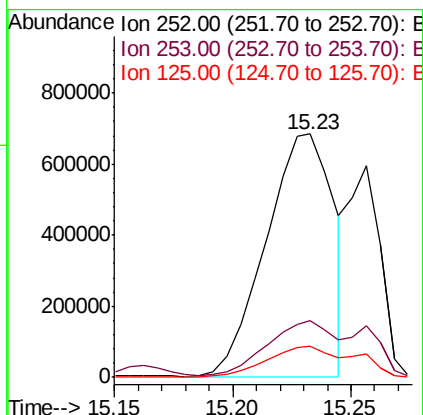
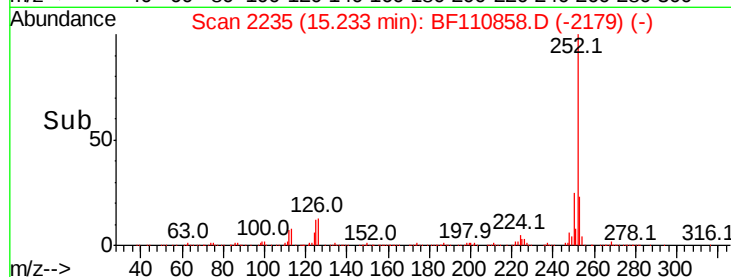
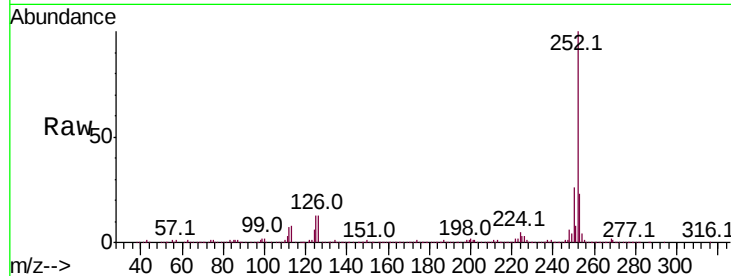
#88  
Benzo(b)fluoranthene  
Concen: 212.593 ng m  
RT: 15.23 min Scan# 2235  
Delta R.T. 0.03 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

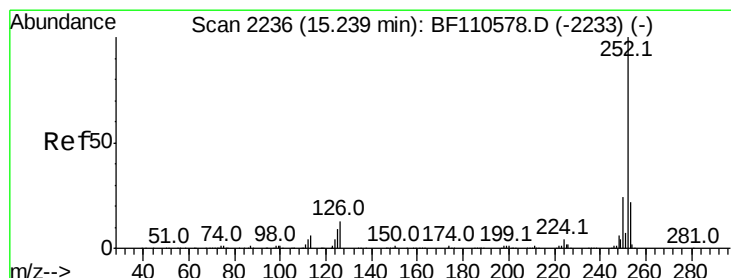
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 17.2  | 25.8  |
| 125     | 12.5  | 8.2   | 12.4  |

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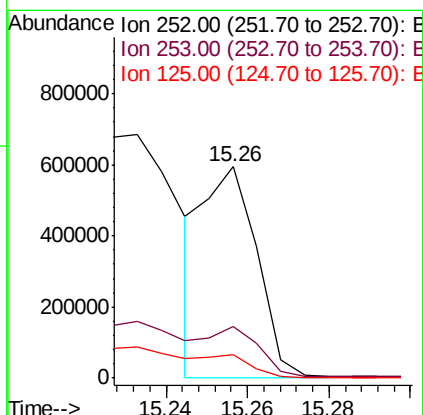
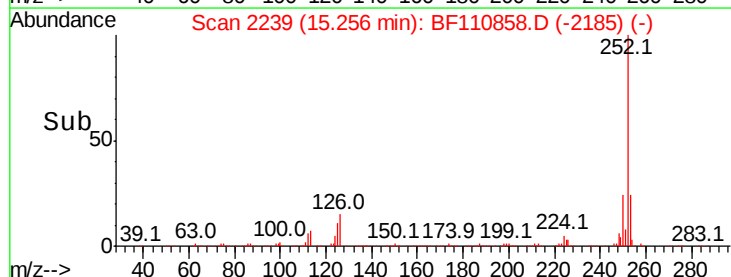
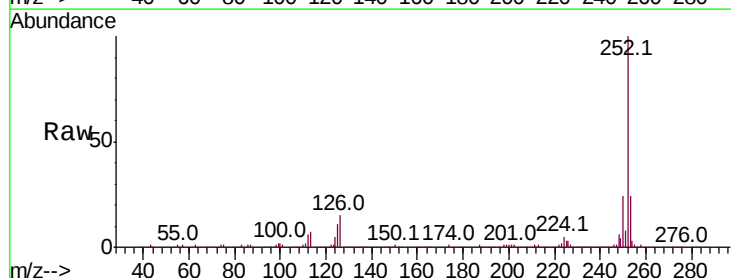


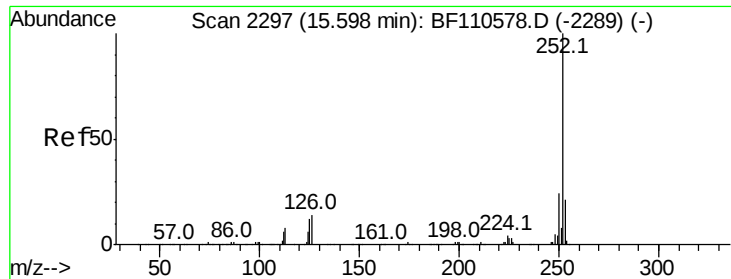
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#89  
Benzo(k)fluoranthene  
Concen: 85.061 ng m  
RT: 15.26 min Scan# 2239  
Delta R.T. 0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 17.2  | 25.8  |
| 125     | 10.9  | 7.4   | 11.0  |





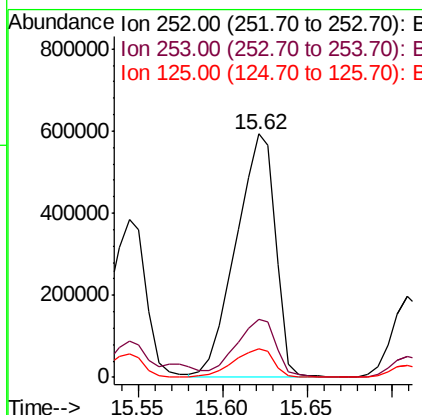
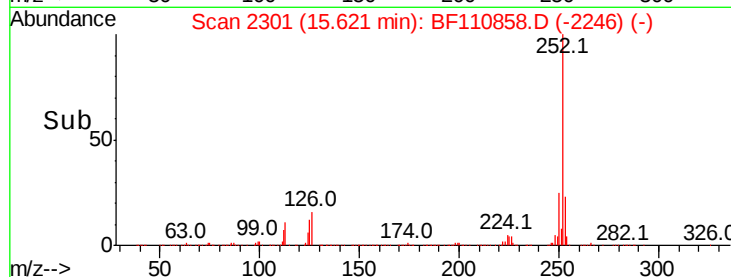
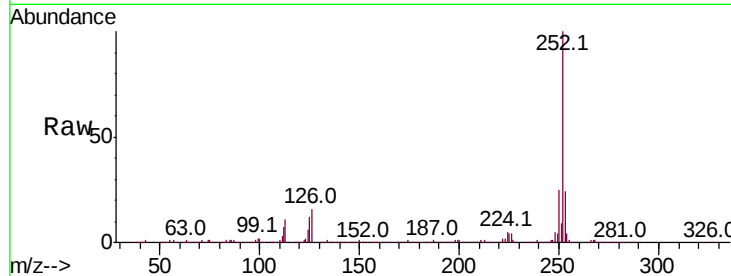
#90  
Benzo(a)pyrene  
Concen: 164.221 ng  
RT: 15.62 min Scan# 2301  
Delta R.T. 0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
DTW-02(11-13)MS

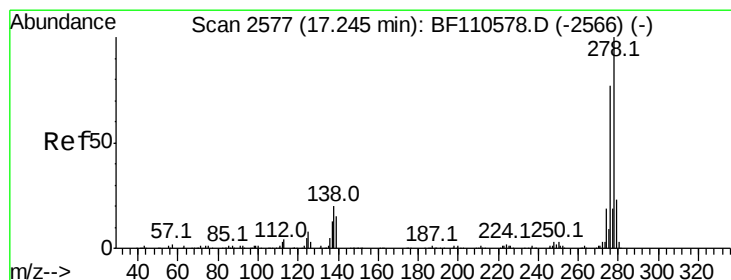
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 18.2  | 27.4  |
| 125     | 11.9  | 9.0   | 13.6  |

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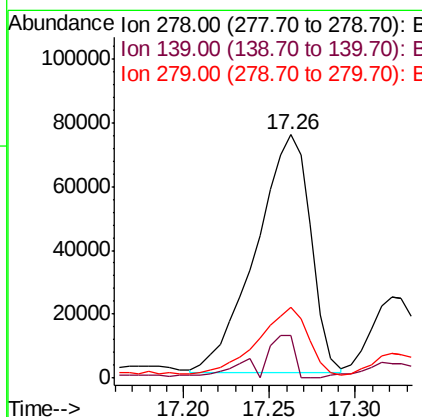
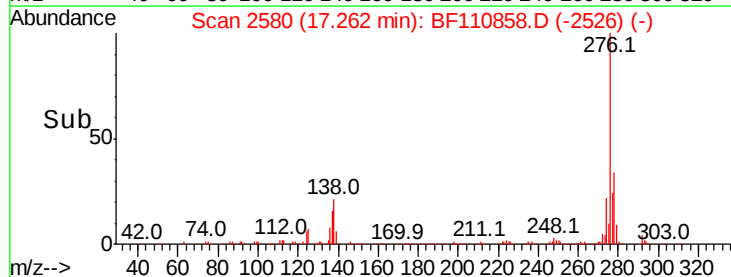
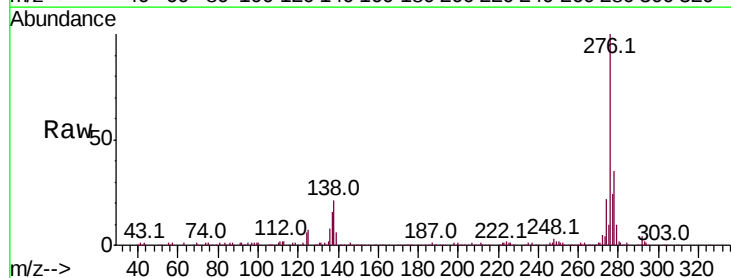


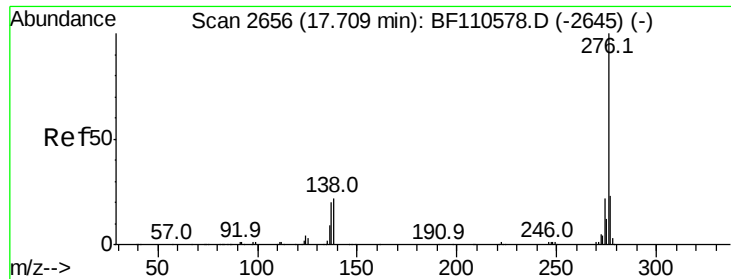
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#91  
Dibenzo(a,h)anthracene  
Concen: 33.588 ng m  
RT: 17.26 min Scan# 2580  
Delta R.T. 0.02 min  
Lab File: BF110858.D  
Acq: 19 Nov 2018 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.4  | 12.7  | 19.1  |
| 279     | 28.9  | 19.0  | 28.4# |





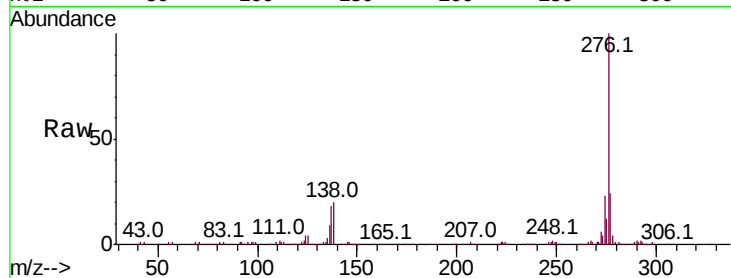
#92  
 Benzo(a,h,i)perylene  
 Concen: 87.757 ng  
 RT: 17.75 min Scan# 2663  
 Delta R.T. 0.04 min  
 Lab File: BF110858.D  
 Acq: 19 Nov 2018 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DTW-02(11-13)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 431599 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.7  | 18.8  | 28.2   |
| 138       | 20.3  | 16.0  | 24.0   |

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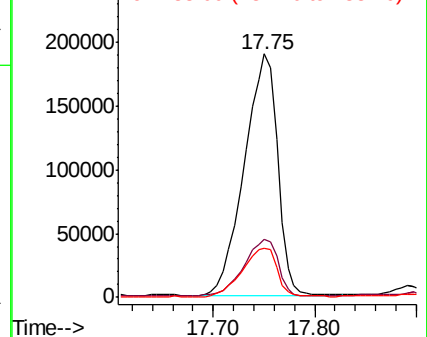
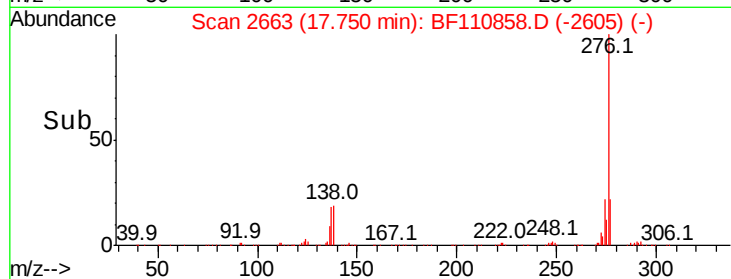


Abundance

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



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