

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\  
 Data File : BF098278.D  
 Acq On : 6 Sep 2017 17:50  
 Operator : SJ/JU  
 Sample : PB102073BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

Manual Integrations  
 APPROVED

Sohil  
 9/7/2017 5:44:25 PM

Quant Time: Sep 07 04:15:04 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 05 17:28:20 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.69  | 152  | 108087   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.98  | 136  | 440657   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.73  | 164  | 210233   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.22 | 188  | 430286   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.85 | 240  | 350102   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.25 | 264  | 268364   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 904855  | 127.34 | ng | 0.00  |
| 7) Phenol-d6             | 6.35  | 99  | 1224449 | 126.82 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 761081  | 93.83  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 271951  | 149.09 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.06  | 172 | 1213280 | 84.79  | ng | -0.01 |
| 78) Terphenyl-d14        | 12.80 | 244 | 1153039 | 68.68  | ng | -0.01 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.42 | 88  | 142206 | 35.884 | ng | # 86   |
| 3) Pyridine                    | 3.10 | 79  | 401019 | 36.604 | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 3.06 | 42  | 149574 | 35.482 | ng | # 67   |
| 6) Aniline                     | 6.36 | 93  | 417351 | 30.771 | ng | # 19   |
| 8) 2-Chlorophenol              | 6.48 | 128 | 320048 | 42.707 | ng | # 96   |
| 9) Benzaldehyde                | 6.24 | 77  | 77535  | 12.678 | ng | # 90   |
| 10) Phenol                     | 6.36 | 94  | 446419 | 39.534 | ng | # 88   |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 355168 | 41.673 | ng | # 94   |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 320348 | 39.741 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 6.71 | 146 | 322860 | 39.381 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 299203 | 39.580 | ng | # 100  |
| 15) Benzyl Alcohol             | 6.85 | 79  | 291809 | 40.369 | ng | # 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97 | 45  | 452203 | 39.435 | ng | # 87   |
| 17) 2-Methylphenol             | 6.96 | 107 | 293939 | 44.509 | ng | # 95   |
| 18) Hexachloroethane           | 7.20 | 117 | 130517 | 40.606 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 255140 | 38.603 | ng | # 89   |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 357176 | 44.281 | ng | # 84   |
| 22) Acetophenone               | 7.11 | 105 | 467479 | 40.158 | ng | # 88   |
| 24) Nitrobenzene               | 7.28 | 77  | 400751 | 44.372 | ng | # 95   |
| 25) Isophorone                 | 7.52 | 82  | 736990 | 43.695 | ng | # 97   |
| 26) 2-Nitrophenol              | 7.60 | 139 | 169230 | 51.311 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 7.64 | 122 | 303300 | 43.117 | ng | # 94   |
| 28) bis(2-Chloroethoxy)methane | 7.73 | 93  | 468537 | 42.253 | ng | # 98   |
| 29) 2,4-Dichlorophenol         | 7.84 | 162 | 263095 | 45.057 | ng | # 93   |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 261878 | 40.456 | ng | # 100  |
| 31) Naphthalene                | 8.00 | 128 | 931590 | 40.722 | ng | # 100  |
| 32) Benzoic acid               | 7.78 | 122 | 144474 | 30.832 | ng | # 90   |
| 33) 4-Chloroaniline            | 8.05 | 127 | 332887 | 34.503 | ng | # 99   |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 149577 | 39.576 | ng | # 98   |
| 35) Caprolactam                | 8.43 | 113 | 98559m | 49.649 | ng | # 97   |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 329411 | 43.908 | ng | # 80   |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 622700 | 44.398 | ng | # 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 250971 | 38.898 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 8.85 | 237 | 257768 | 83.162 | ng | # 100  |

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 ALS Vial : 6 Sample Multiplier: 1

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 ClientSampleID :  
 PB102073BS

Manual Integrations  
 APPROVED

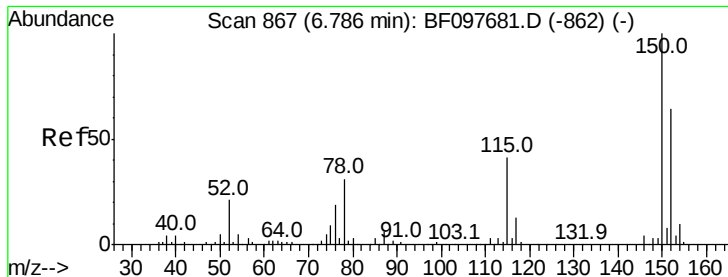
Sohil  
 9/7/2017 5:44:25 PM

Quant Time: Sep 07 04:15:04 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 05 17:28:20 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.97  | 196  | 180369   | 41.639 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 189329   | 44.057 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 740369   | 38.619 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.18  | 162  | 552812   | 39.026 | nq    | # 92     |
| 47) 2-Nitroaniline             | 9.28  | 65   | 221535   | 46.651 | nq    | 96       |
| 48) Acenaphthylene             | 9.59  | 152  | 917808   | 41.260 | nq    | 99       |
| 49) Dimethylphthalate          | 9.46  | 163  | 701993   | 45.681 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.53  | 165  | 149108   | 48.609 | nq    | # 73     |
| 51) Acenaphthene               | 9.77  | 154  | 547901   | 39.054 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.69  | 138  | 147009   | 37.146 | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 9.81  | 184  | 141875   | 95.047 | nq    | # 71     |
| 54) Dibenzofuran               | 9.94  | 168  | 812257   | 43.200 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.87  | 139  | 239066   | 75.724 | nq    | # 47     |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 191653   | 49.785 | nq    | # 55     |
| 57) Fluorene                   | 10.28 | 166  | 619830   | 42.638 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 162216   | 48.755 | nq    | 92       |
| 59) Diethylphthalate           | 10.16 | 149  | 730418   | 45.451 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.27 | 204  | 288366   | 42.699 | nq    | # 85     |
| 61) 4-Nitroaniline             | 10.32 | 138  | 185636   | 49.352 | nq    | 83       |
| 62) Azobenzene                 | 10.43 | 77   | 844553   | 44.243 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 100492   | 49.290 | nq    | # 72     |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 589235   | 40.214 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.76 | 248  | 187046   | 41.861 | nq    | 93       |
| 67) Hexachlorobenzene          | 10.83 | 284  | 183021   | 40.186 | nq    | # 90     |
| 68) Atrazine                   | 10.93 | 200  | 184280   | 47.423 | nq    | 96       |
| 69) Pentachlorophenol          | 11.03 | 266  | 182640   | 68.780 | nq    | 99       |
| 70) Phenanthrene               | 11.24 | 178  | 936664   | 40.851 | nq    | 99       |
| 71) Anthracene                 | 11.29 | 178  | 974902   | 41.921 | nq    | 99       |
| 72) Carbazole                  | 11.45 | 167  | 927559   | 42.019 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.78 | 149  | 1147207  | 45.118 | nq    | 100      |
| 74) Fluoranthene               | 12.43 | 202  | 1019256  | 42.589 | nq    | 99       |
| 76) Benzidine                  | 12.55 | 184  | 551375   | 48.033 | nq    | # 92     |
| 77) Pyrene                     | 12.65 | 202  | 1052596  | 36.760 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.27 | 149  | 493215   | 44.926 | nq    | # 73     |
| 80) Benzo(a)anthracene         | 13.84 | 228  | 808098   | 38.512 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 232110   | 32.781 | nq    | # 96     |
| 82) Chrysene                   | 13.88 | 228  | 814386   | 39.016 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 595396   | 48.942 | nq    | # 100    |
| 84) Di-n-octyl phthalate       | 14.44 | 149  | 1132344  | 53.495 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.62 | 276  | 603469   | 39.301 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 14.86 | 252  | 719997   | 42.564 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 14.89 | 252  | 696713   | 43.839 | nq    | # 94     |
| 89) Benzo(a)pyrene             | 15.20 | 252  | 661163   | 44.151 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.63 | 278  | 495856   | 40.672 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.02 | 276  | 501690   | 39.438 | nq    | 94       |

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





#1

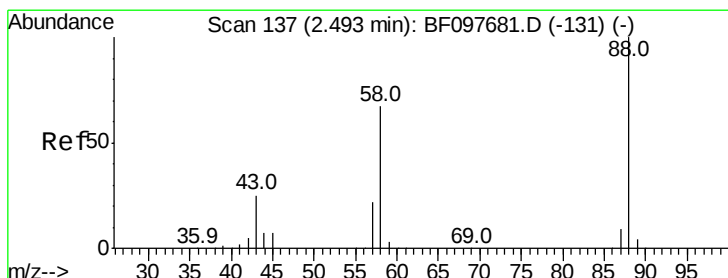
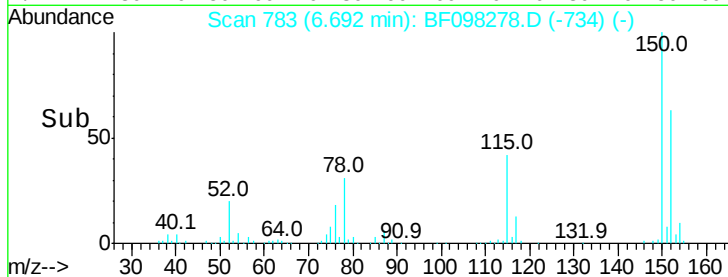
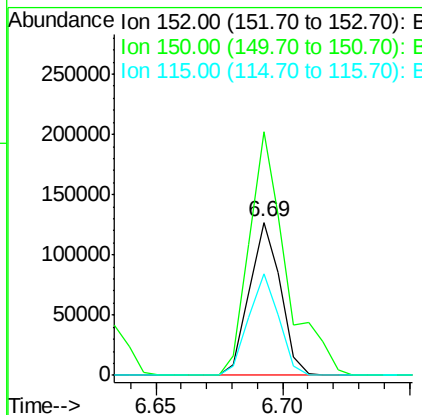
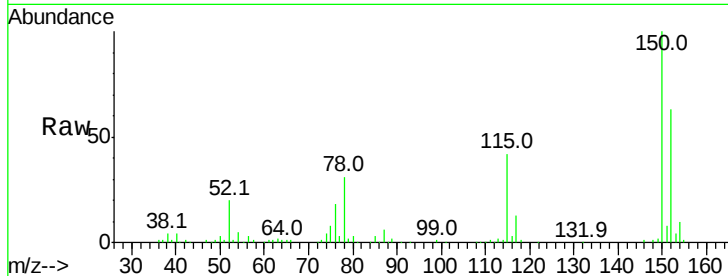
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.4 | 126.2 | 189.2 |
| 115     | 66.8  | 52.2  | 78.2  |

Manual Integrations  
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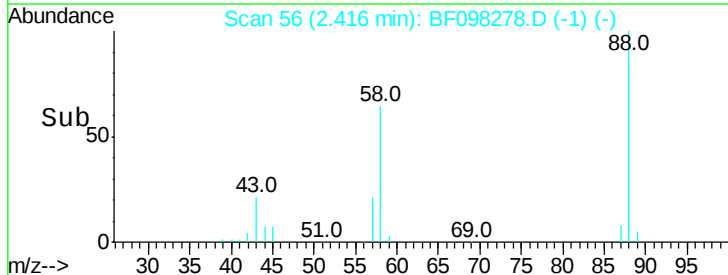
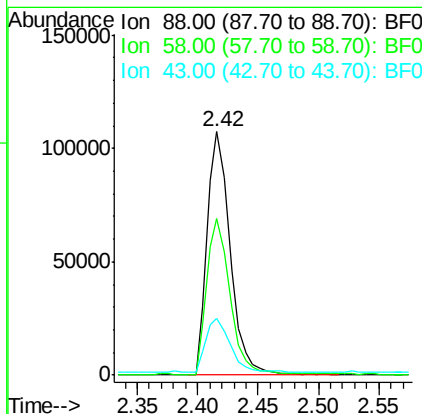
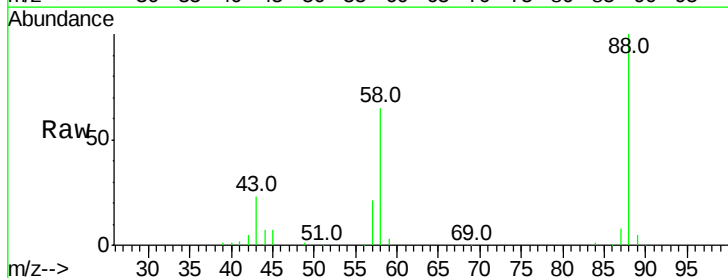
Sohil  
9/7/2017 5:44:25 PM

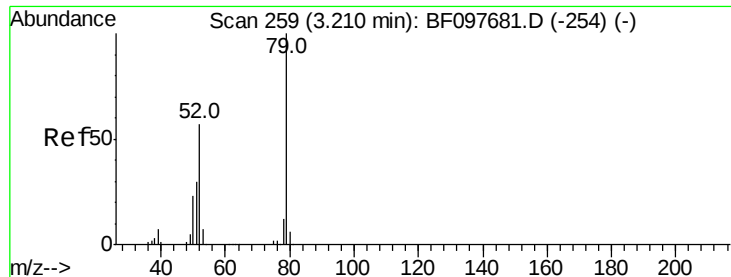


#2

1,4-Dioxane  
Concen: 35.884 ng  
RT: 2.42 min Scan# 56  
Delta R.T. 0.09 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.6  | 61.4  | 92.0  |
| 43      | 22.7  | 23.4  | 35.0  |





#3

Pvridine

Concen: 36.604 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.09 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

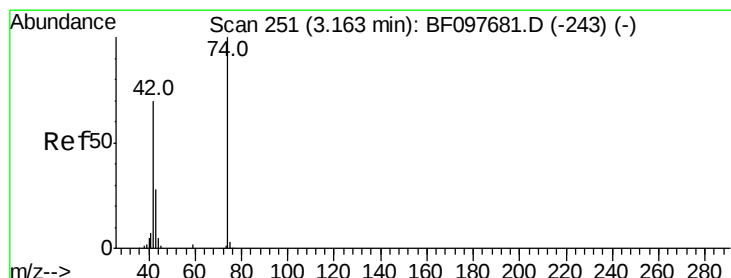
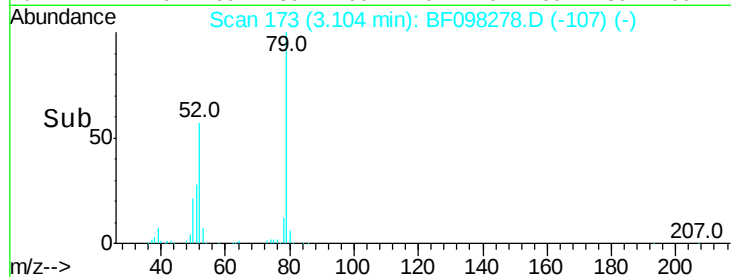
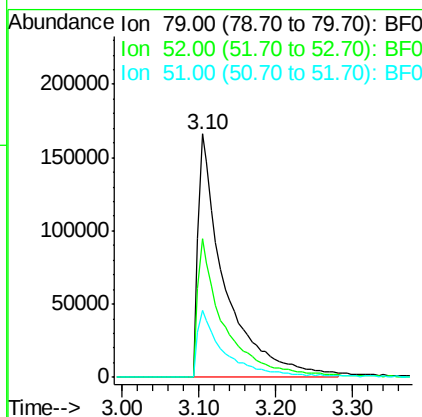
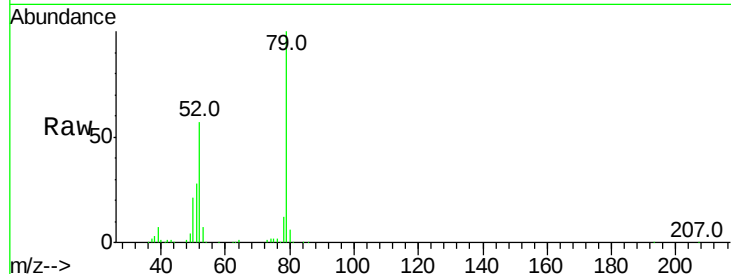
ClientSampleId :

PB102073BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 401019 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 57.0  | 54.8  | 82.2   |
| 51       | 27.8  | 27.0  | 40.4   |

Manual Integrations  
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9/7/2017 5:44:25 PM



#4

n-Nitrosodimethylamine

Concen: 35.482 ng

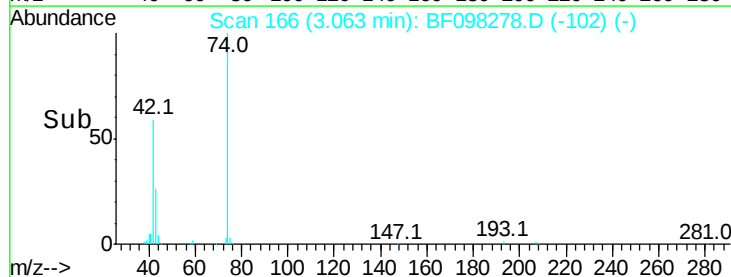
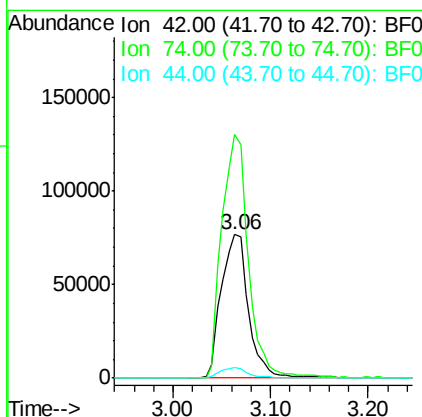
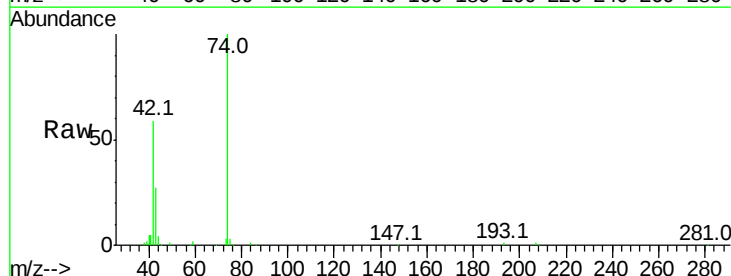
RT: 3.06 min Scan# 166

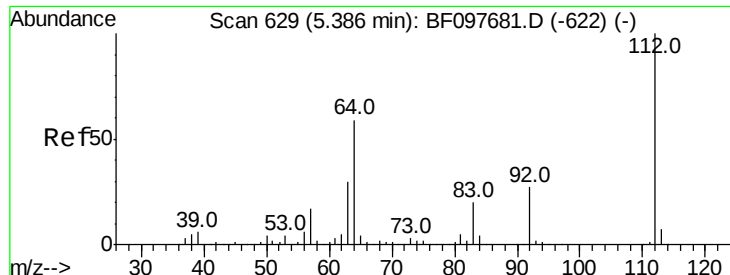
Delta R.T. 0.08 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 149574 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 170.0 | 103.9 | 155.9# |
| 44       | 7.5   | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 127.337 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

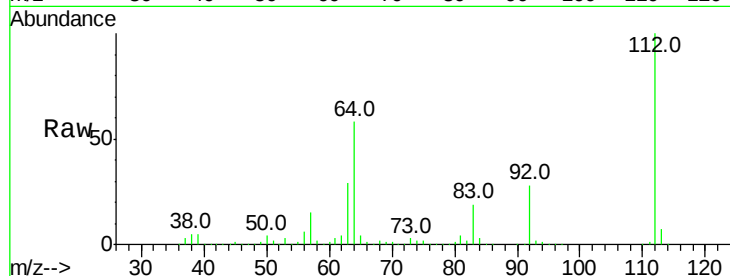
ClientSampleId :

PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 904855 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.1  | 46.0  | 69.0   |
| 63        | 28.7  | 23.4  | 35.0   |

Manual Integrations  
APPROVED

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9/7/2017 5:44:25 PM

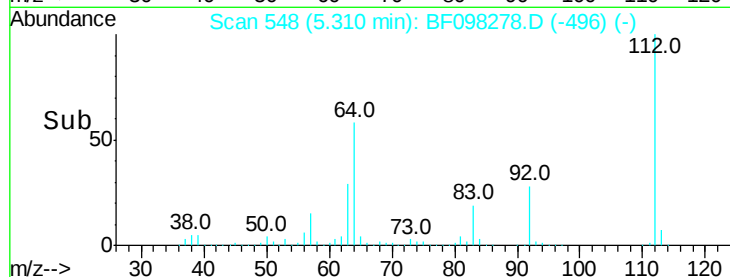


Abundance Ion 112.00 (111.70 to 112.70): E

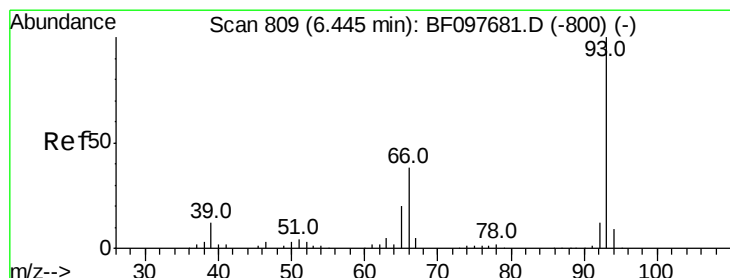
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 30.771 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

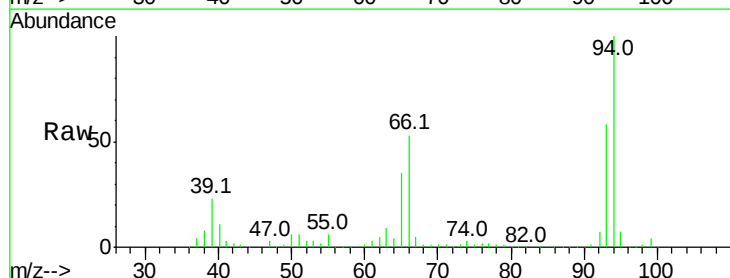
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 417351 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 90.2  | 32.9  | 49.3#  |
| 65        | 59.1  | 16.0  | 24.0#  |

Abundance Ion 93.00 (92.70 to 93.70): BF0

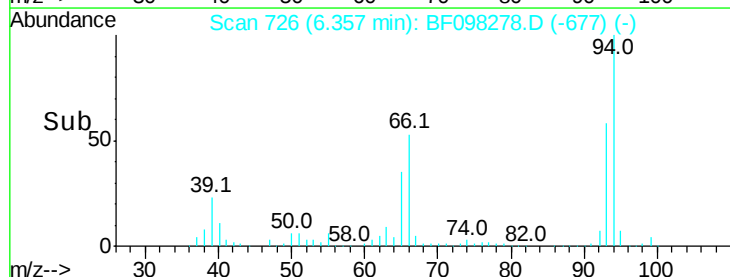
Ion 66.00 (65.70 to 66.70): BF0

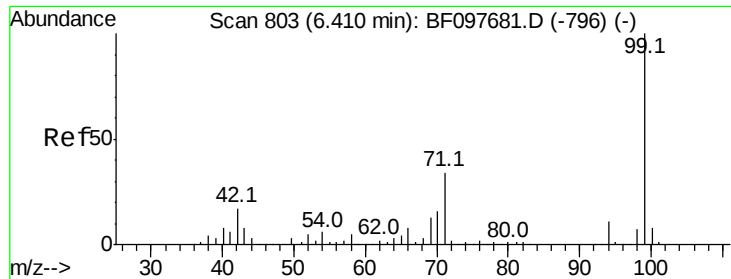
Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->





#7

Phenol-d6

Concen: 126.821 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

ClientSampleId :

PB102073BS

Tot Ion: 99 Resp: 1224449

Ion Ratio Lower Upper

99 100

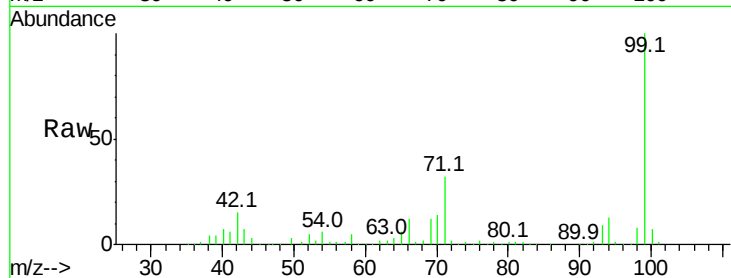
42 14.6 13.5 20.3

71 31.7 24.5 36.7

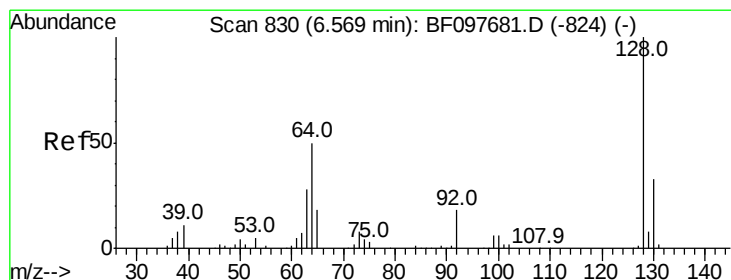
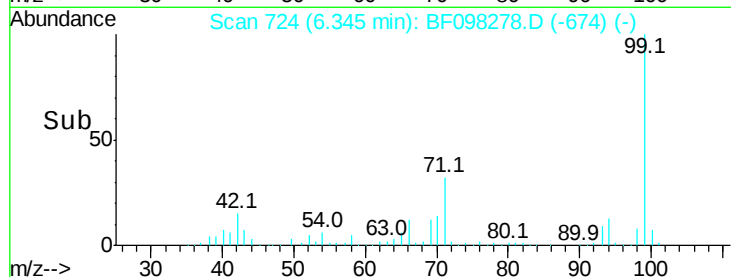
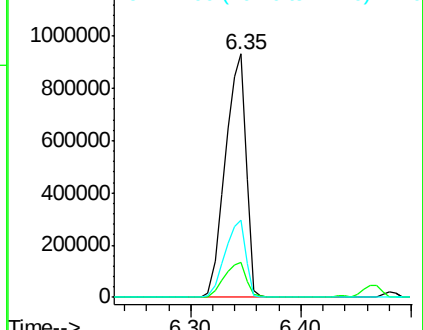
Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.707 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

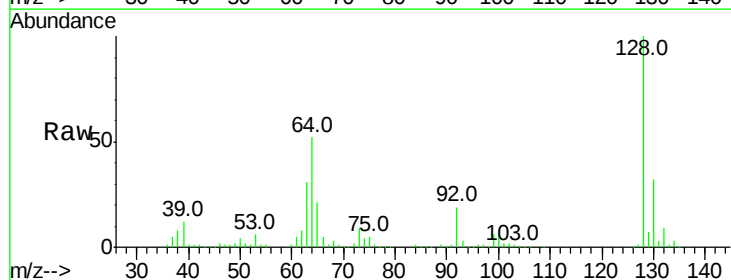
Tgt Ion:128 Resp: 320048

Ion Ratio Lower Upper

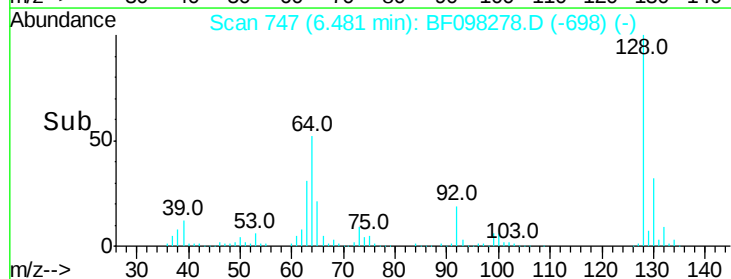
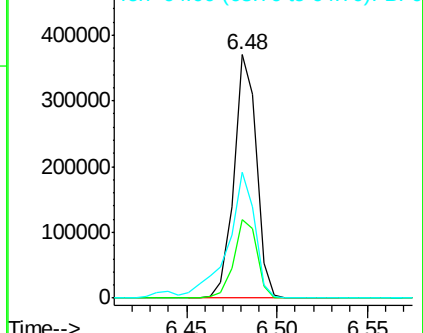
128 100

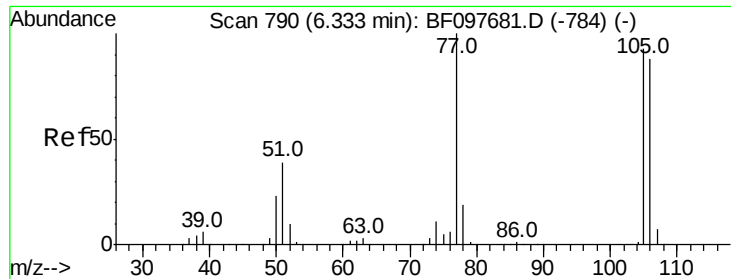
130 32.1 12.9 52.9

64 51.9 28.4 68.4



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): BF0





#9

Benzaldehyde

Concen: 12.678 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

ClientSampleId :

PB102073BS

Tot Ion: 77 Resp: 77535

Ion Ratio Lower Upper

77 100

105 94.7 83.8 123.8

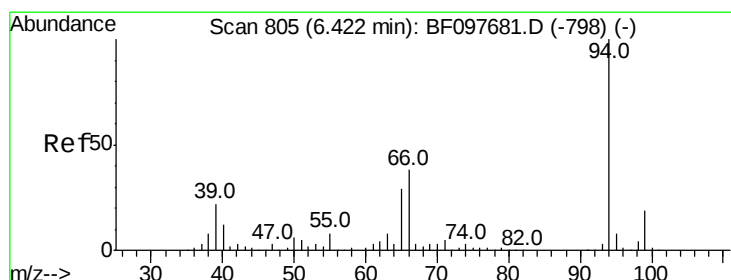
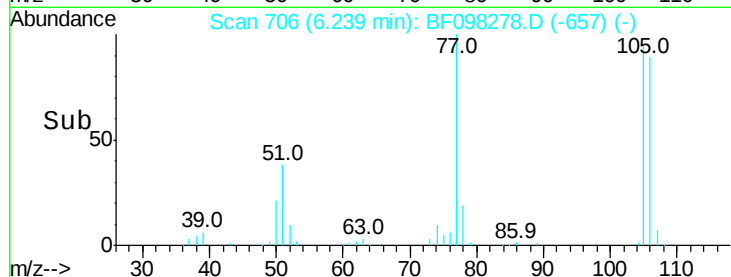
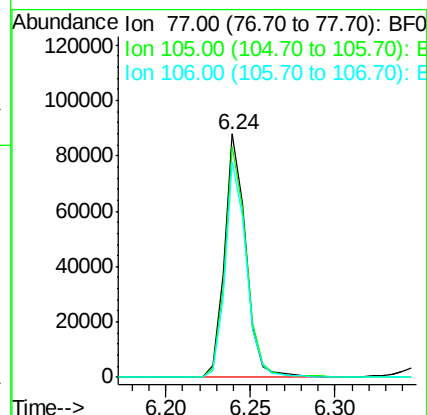
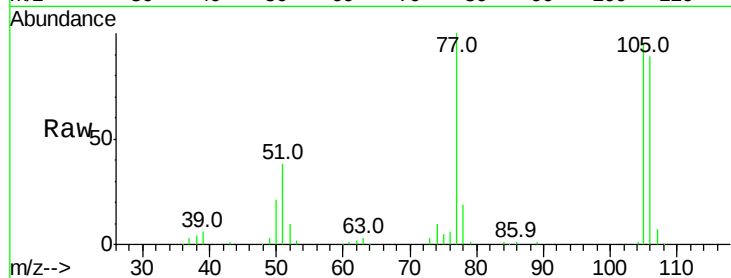
106 88.7 79.1 119.1

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#10

Phenol

Concen: 39.534 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

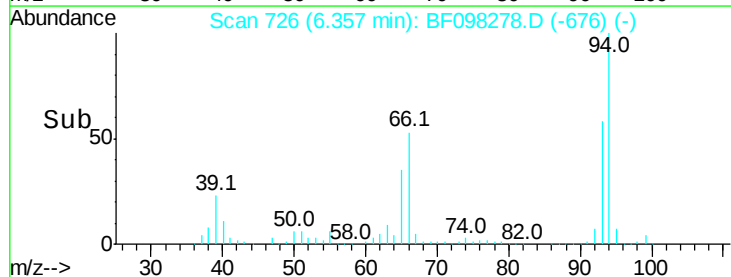
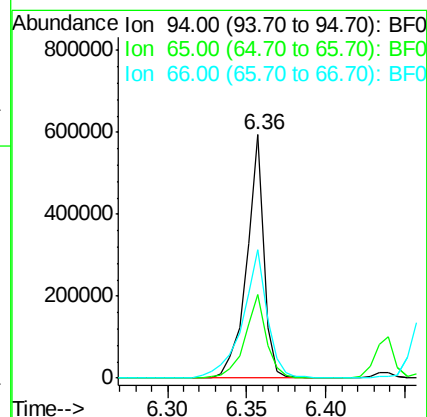
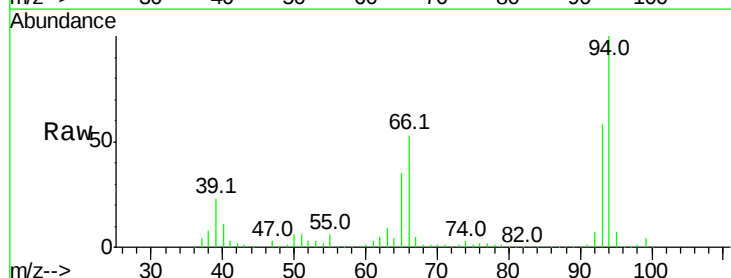
Tgt Ion: 94 Resp: 446419

Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

66 52.8 23.1 63.1





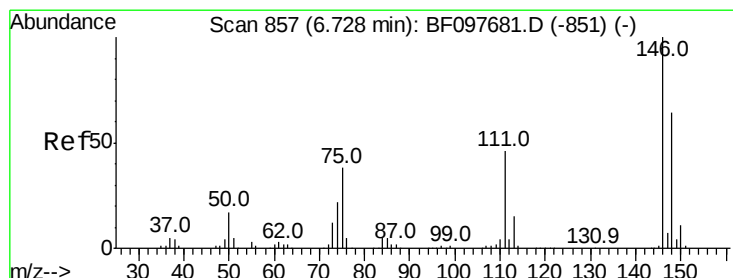
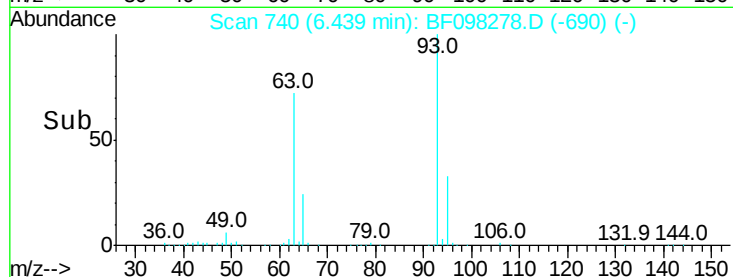
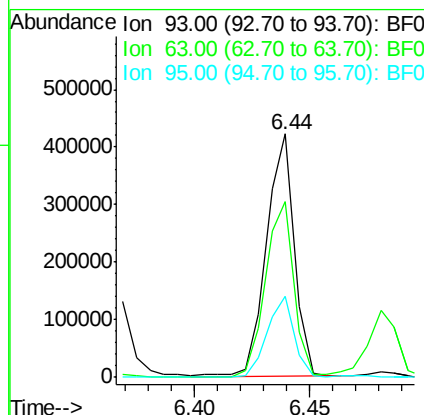
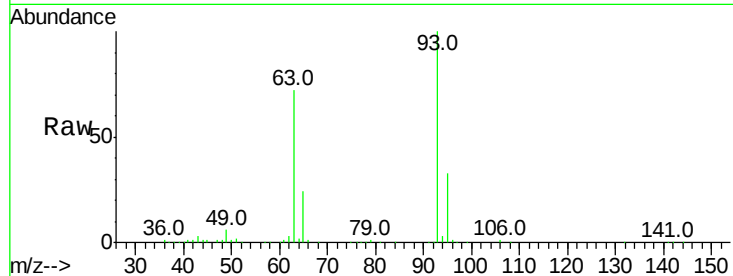
#11  
bis(2-Chloroethyl)ether  
Concen: 41.673 ng  
RT: 6.44 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.1  | 59.2  | 99.2  |
| 95      | 33.1  | 12.8  | 52.8  |

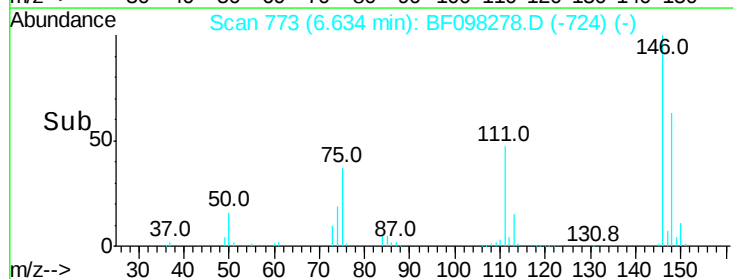
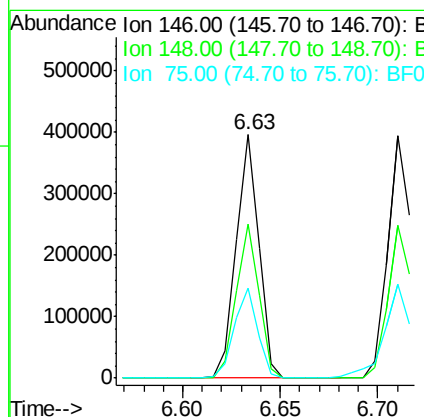
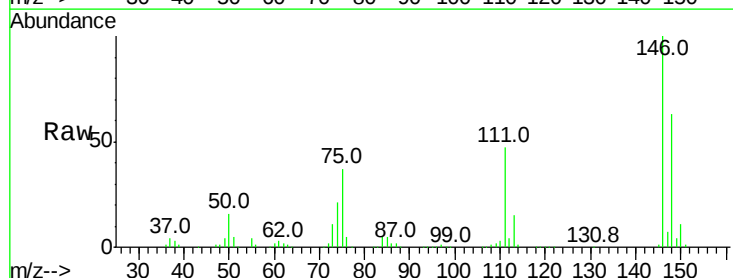
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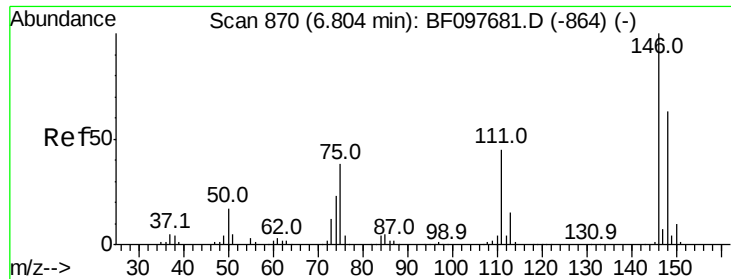
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#12  
1,3-Dichlorobenzene  
Concen: 39.741 ng  
RT: 6.63 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.8  | 77.6  |
| 75      | 37.1  | 23.1  | 34.7# |





#13

1,4-Dichlorobenzene

Concen: 39.381 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

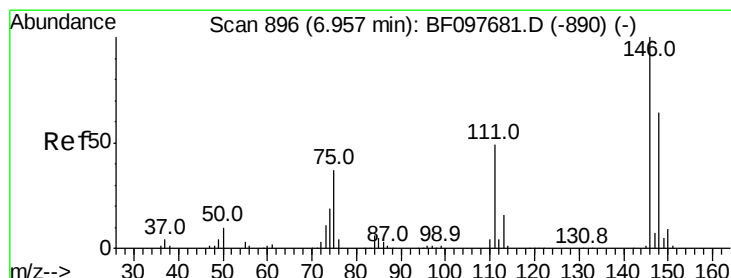
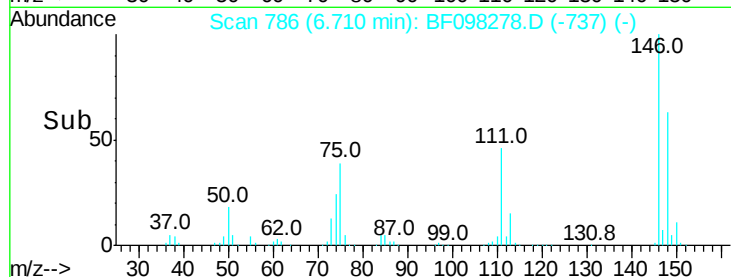
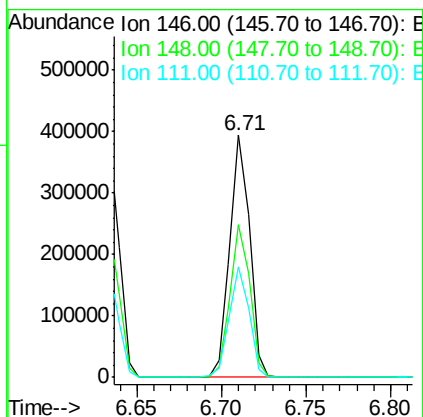
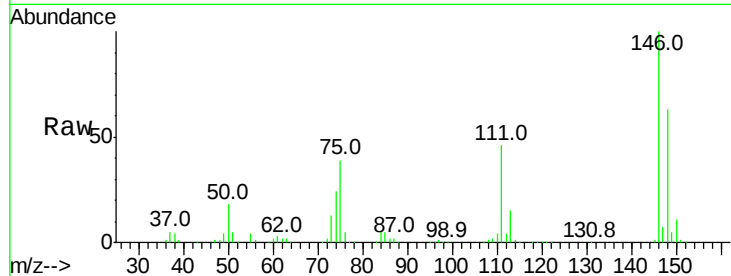
ClientSampleId :

PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 322860 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 52.2  | 78.2   |
| 111       | 45.8  | 30.3  | 45.5#  |

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#14

1,2-Dichlorobenzene

Concen: 39.580 ng

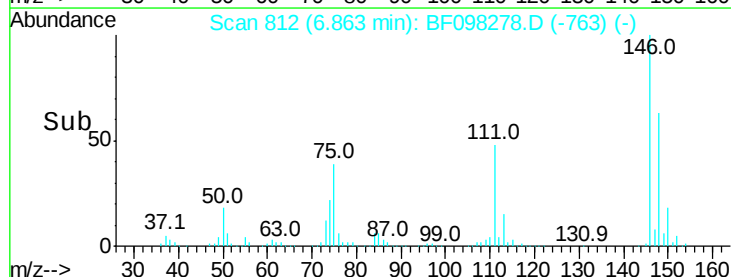
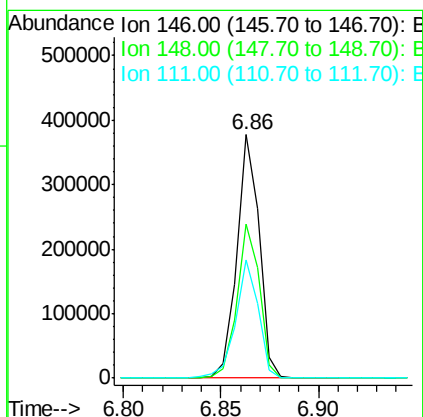
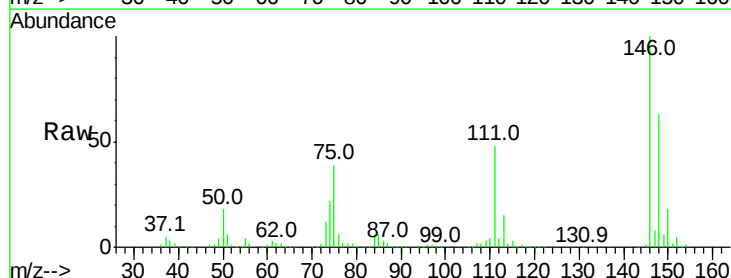
RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 299203 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 50.4  | 75.6   |
| 111       | 48.3  | 38.2  | 57.4   |





#15

Benzyl Alcohol

Concen: 40.369 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

ClientSampleId :

PB102073BS

Tot Ion: 79 Resp: 291809

Ion Ratio Lower Upper

79 100

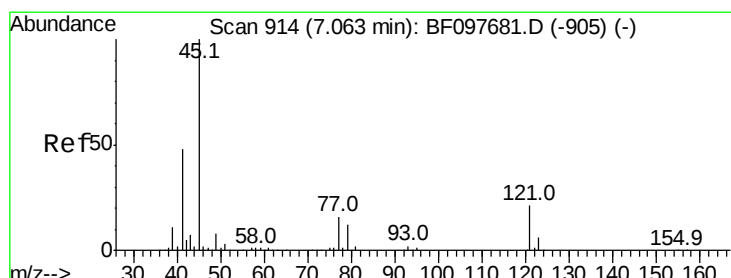
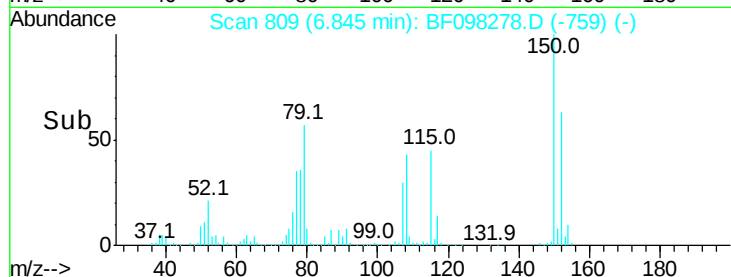
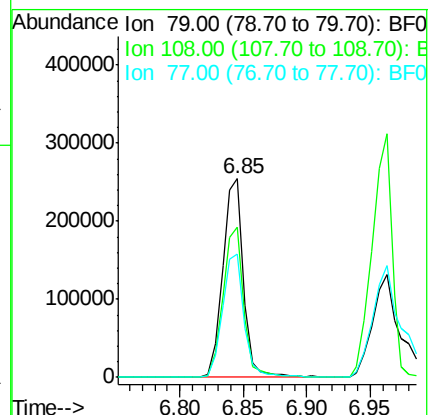
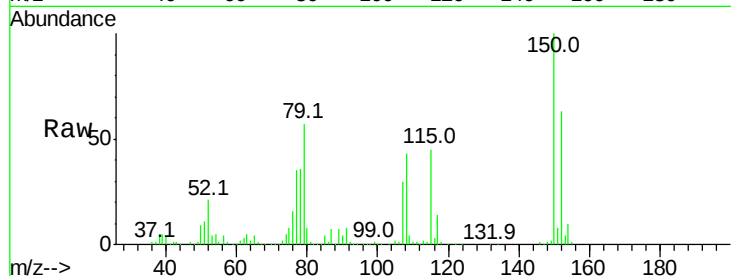
108 75.4 63.4 95.0

77 62.4 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.435 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

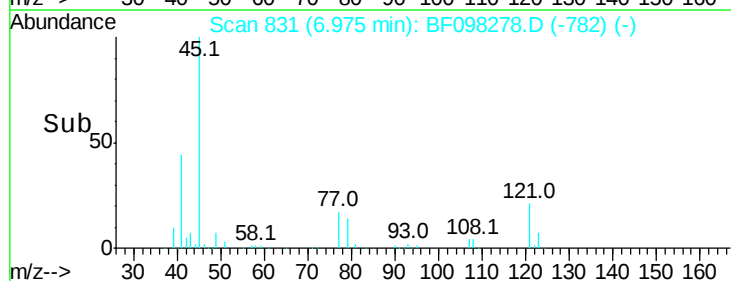
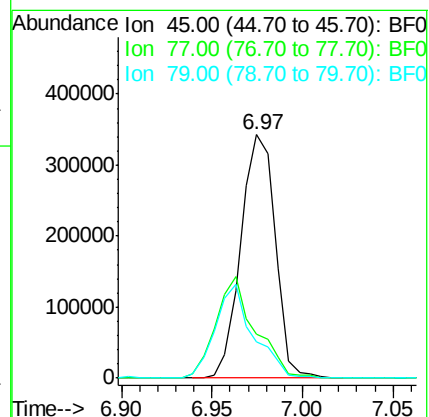
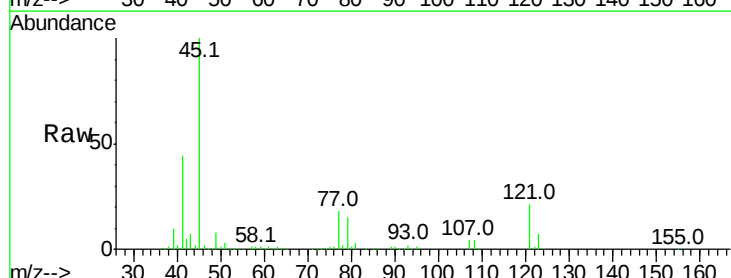
Tgt Ion: 45 Resp: 452203

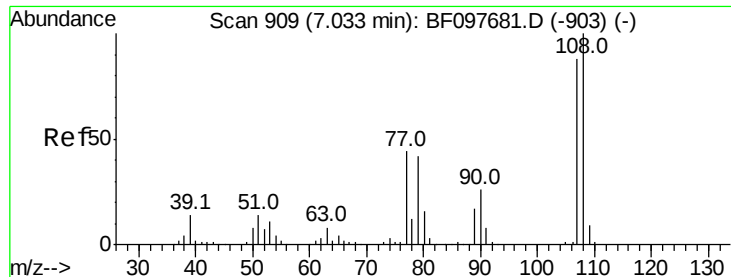
Ion Ratio Lower Upper

45 100

77 18.3 0.0 33.2

79 14.7 0.0 30.0





#17

2-Methylphenol

Concen: 44.509 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

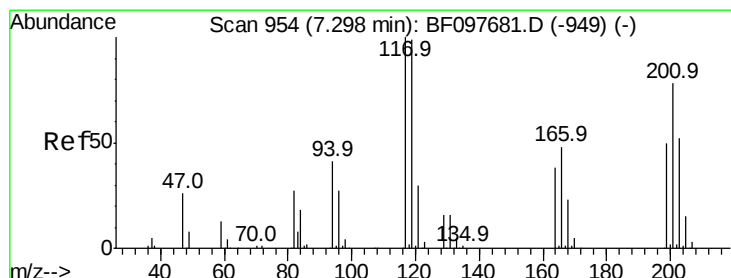
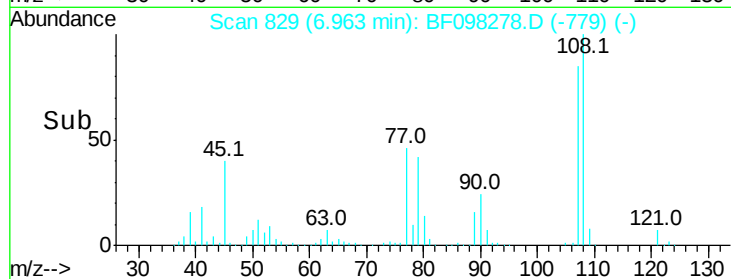
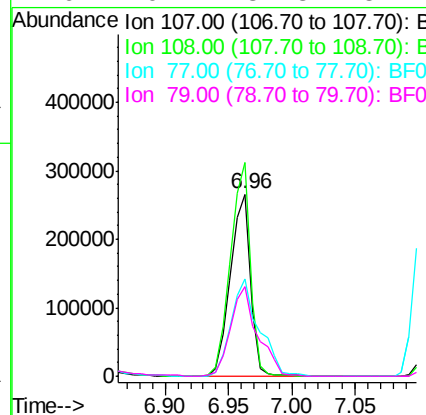
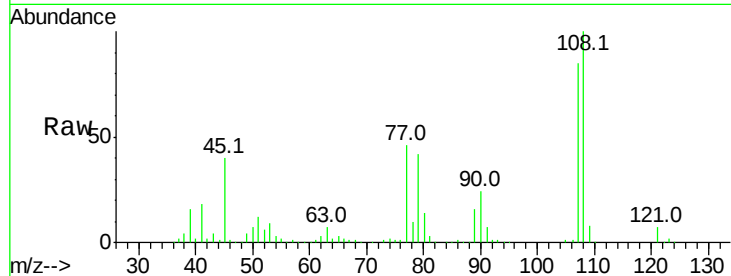
ClientSampleId :

PB102073BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 293939 |       |       |
| 108     | 117.1 | 93.4   | 140.0 |       |
| 77      | 53.6  | 35.8   | 53.6  |       |
| 79      | 49.4  | 34.8   | 52.2  |       |

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#18

Hexachloroethane

Concen: 40.606 ng

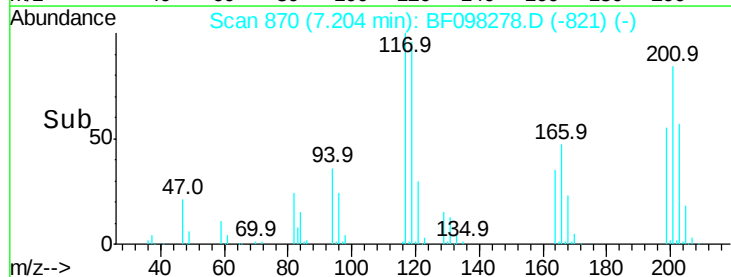
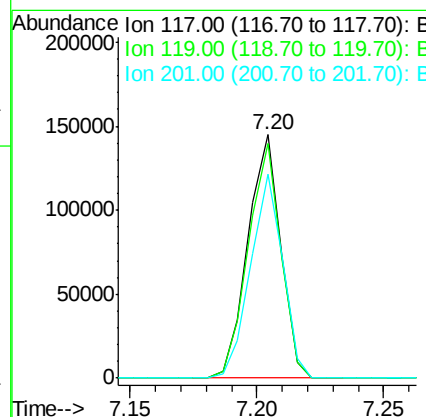
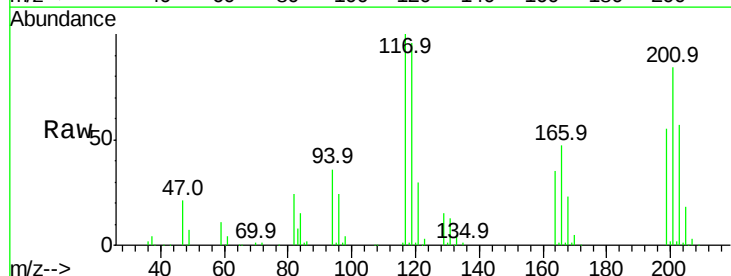
RT: 7.20 min Scan# 870

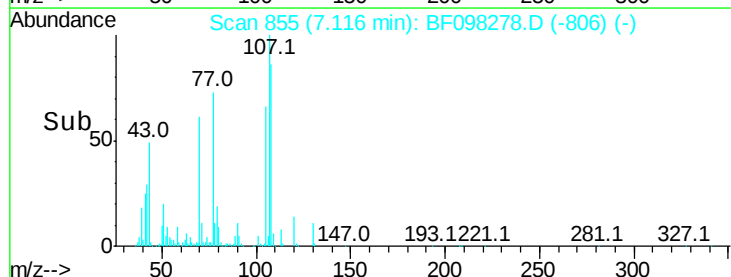
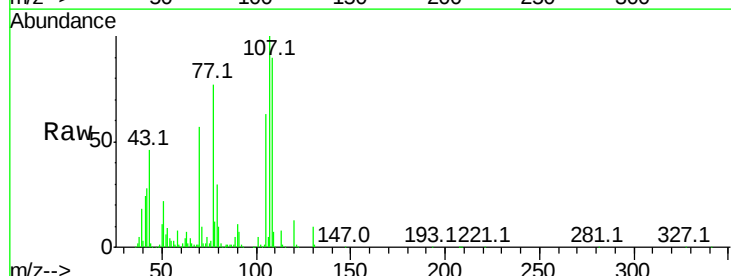
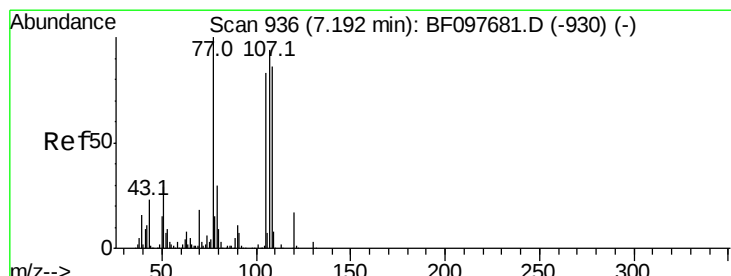
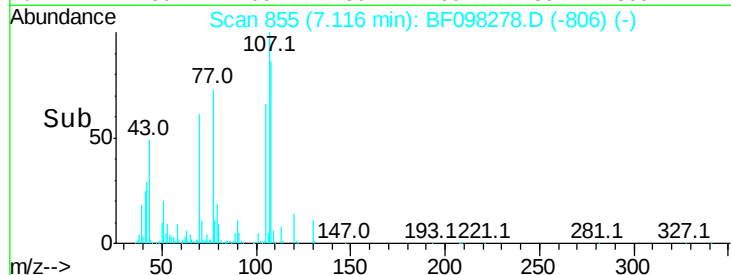
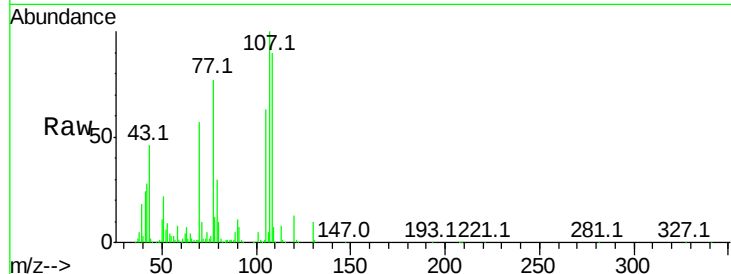
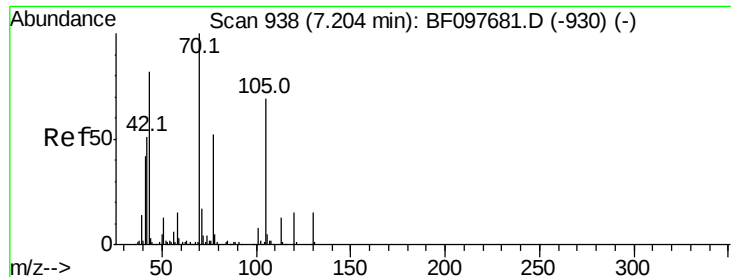
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 117     | 100   | 130517 |        |       |
| 119     | 96.3  | 77.4   | 116.0  |       |
| 201     | 83.6  | 94.6   | 141.8# |       |





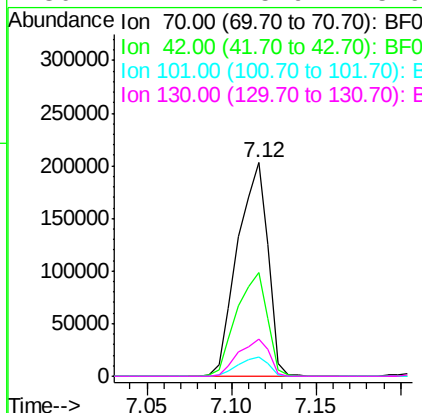
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.603 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 48.3 |       | 47.2 | 70.8  |       |
| 101     | 9.0  |       | 7.2  | 10.8  |       |
| 130     | 17.7 |       | 15.9 | 23.9  |       |

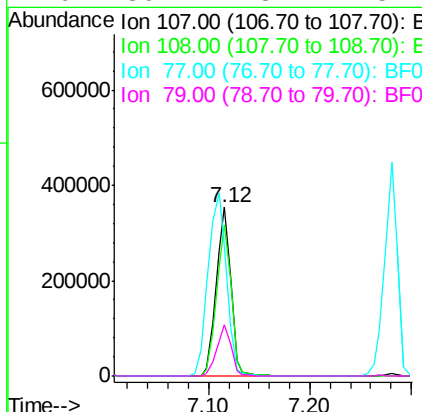
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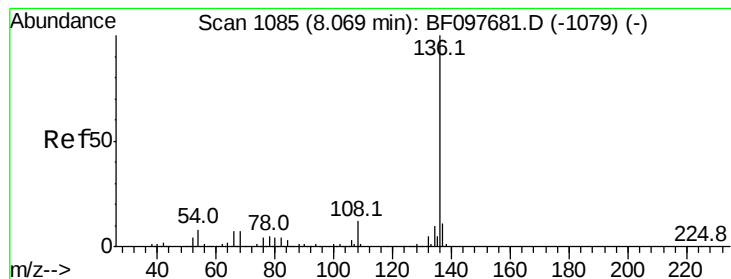
Sohil  
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#20  
3+4-Methylphenols  
Concen: 44.281 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ion  | Ratio | Resp | Lower  | Upper |
|---------|------|-------|------|--------|-------|
| 107     | 100  |       |      |        |       |
| 108     | 89.9 |       | 71.0 | 111.0  |       |
| 77      | 77.1 |       | 90.5 | 130.5# |       |
| 79      | 30.1 |       | 8.4  | 48.4   |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

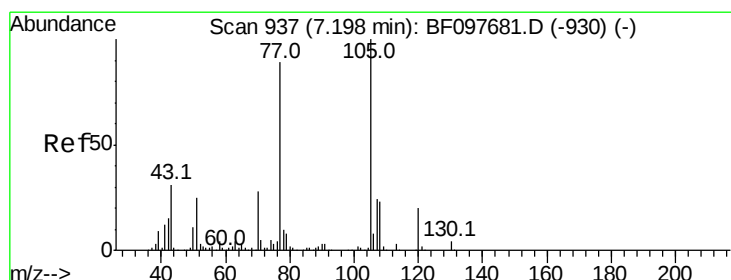
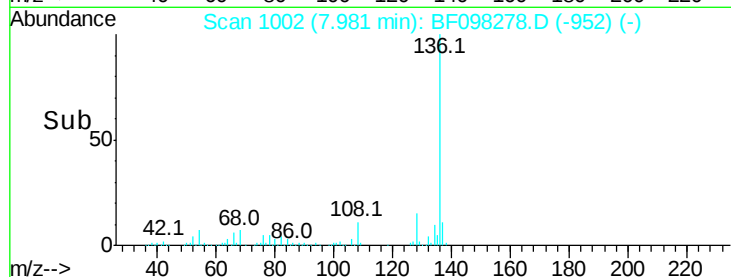
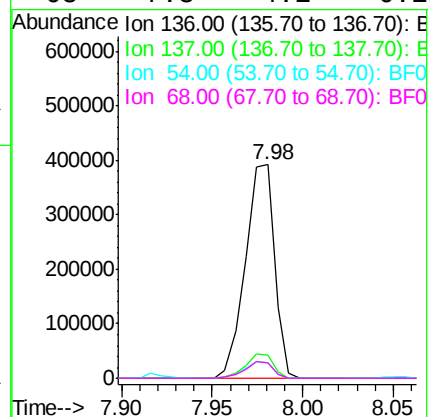
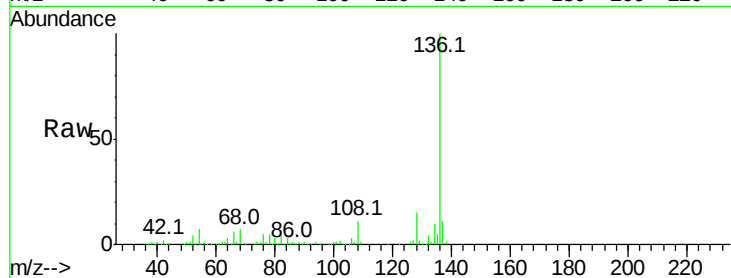
ClientSampleId :

PB102073BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 440657 |       |       |
| 137     | 10.5  | 8.5    | 12.7  |       |
| 54      | 7.1   | 4.9    | 7.3   |       |
| 68      | 7.3   | 4.1    | 6.1   |       |

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#22

Acetophenone

Concen: 40.158 ng

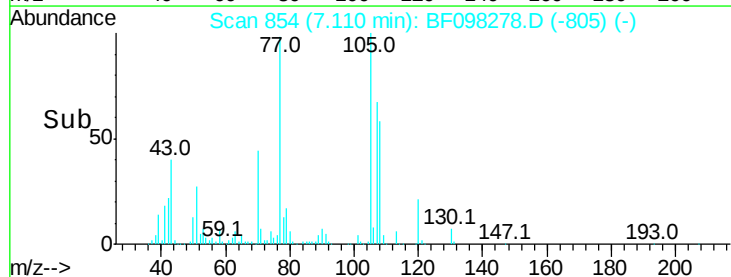
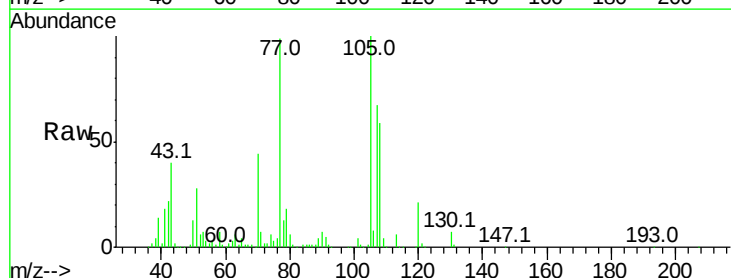
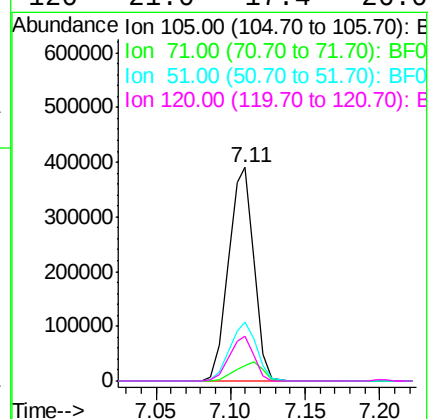
RT: 7.11 min Scan# 854

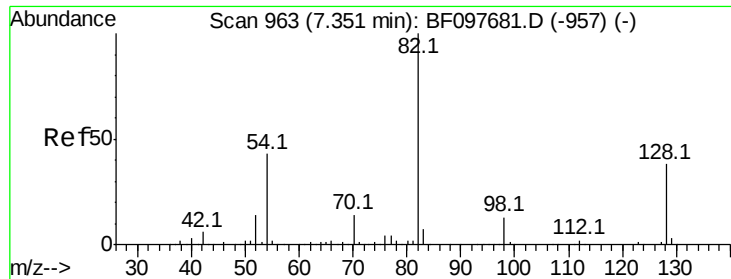
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 467479 |       |       |
| 71      | 7.3   | 2.8    | 4.2   |       |
| 51      | 27.8  | 30.7   | 46.1  |       |
| 120     | 21.0  | 17.4   | 26.0  |       |





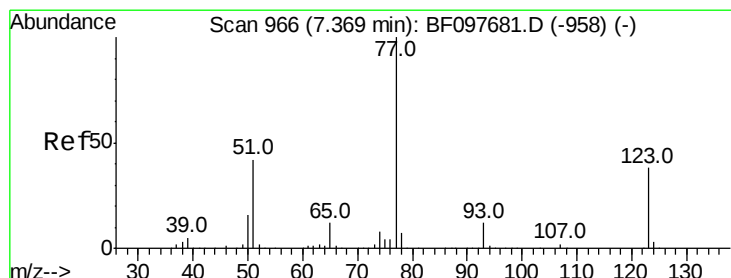
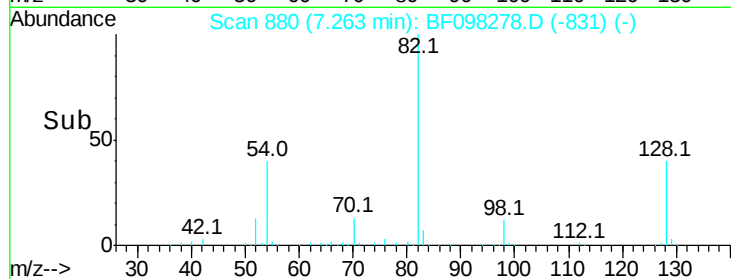
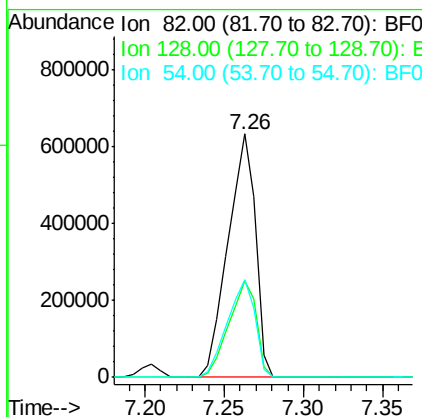
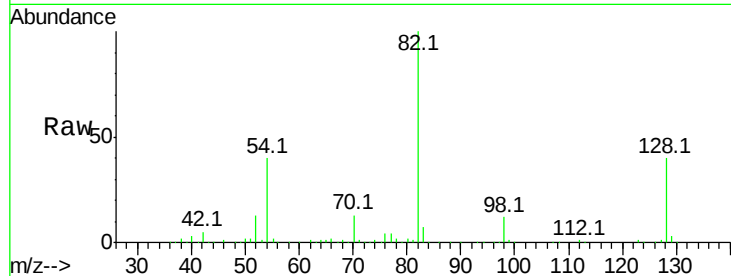
#23  
 Nitrobenzene-d5  
 Concen: 93.827 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.7  | 34.0  | 51.0  |
| 54      | 40.0  | 42.2  | 63.2# |

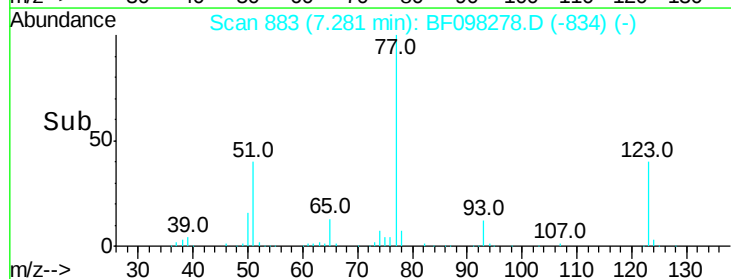
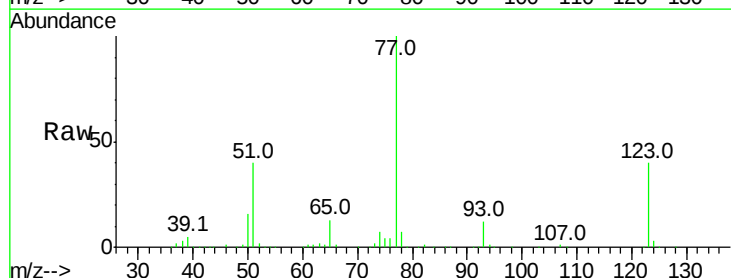
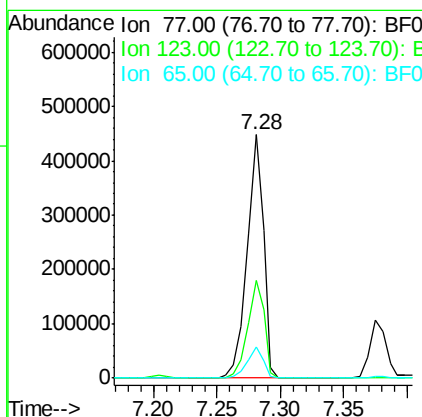
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#24  
 Nitrobenzene  
 Concen: 44.372 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 40.3  | 35.8  | 53.8  |
| 65      | 12.8  | 10.6  | 15.8  |





#25

Isophorone

Concen: 43.695 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

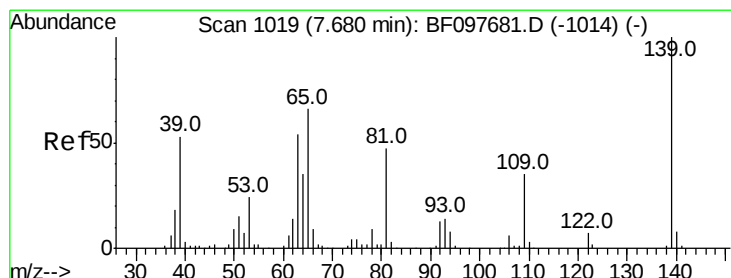
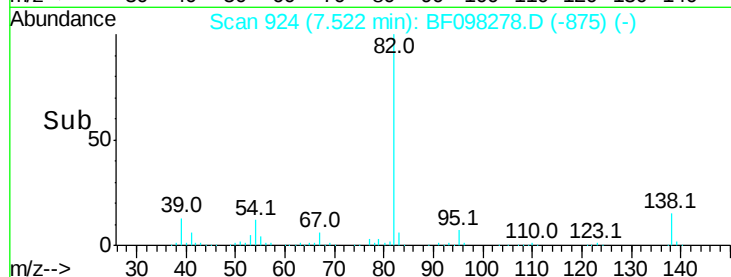
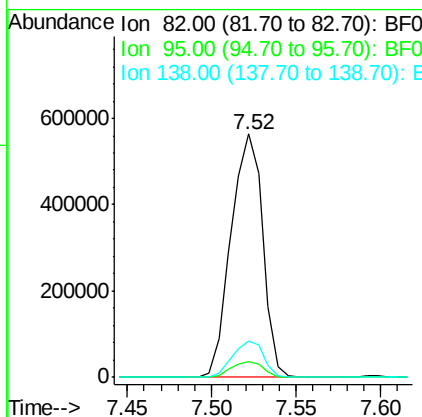
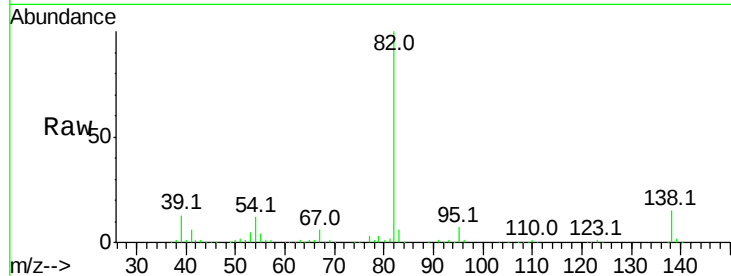
ClientSampleId :

PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 736990 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.3   | 7.9    |
| 138       | 14.9  | 13.1  | 19.7   |

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#26

2-Nitrophenol

Concen: 51.311 ng

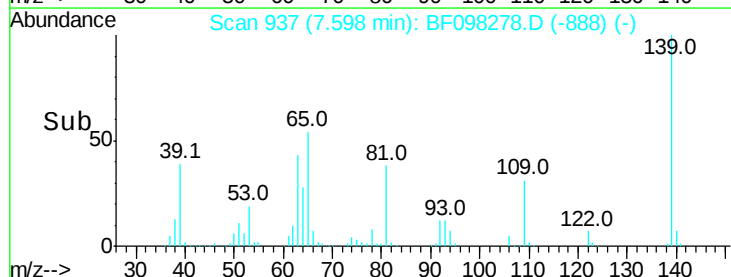
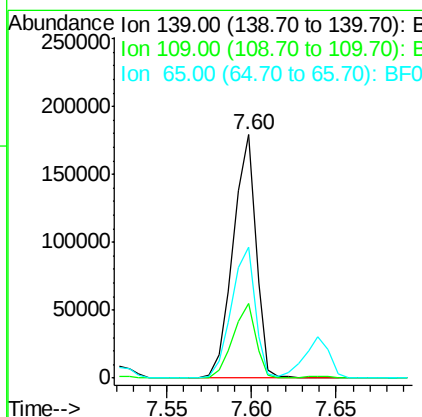
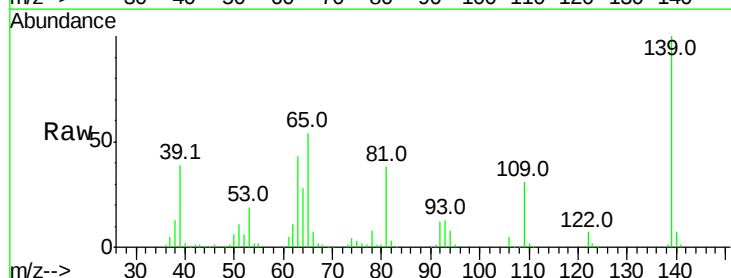
RT: 7.60 min Scan# 937

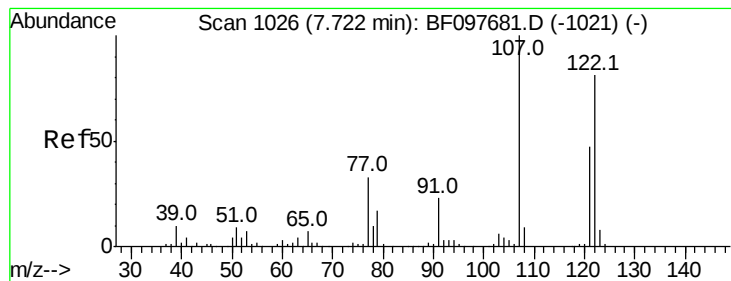
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 169230 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 30.7  | 21.0  | 31.6   |
| 65        | 53.6  | 33.0  | 49.6#  |





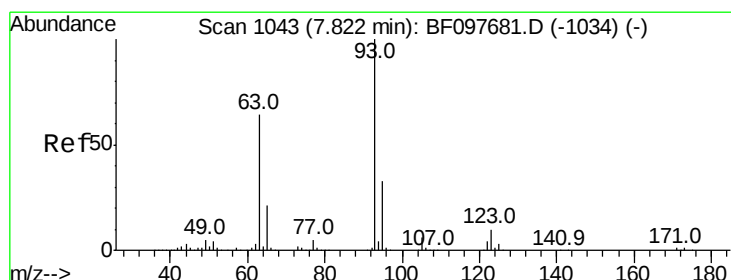
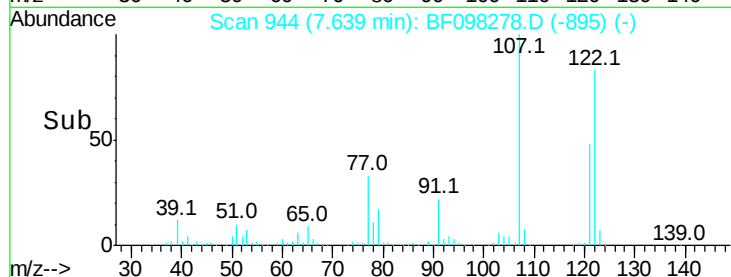
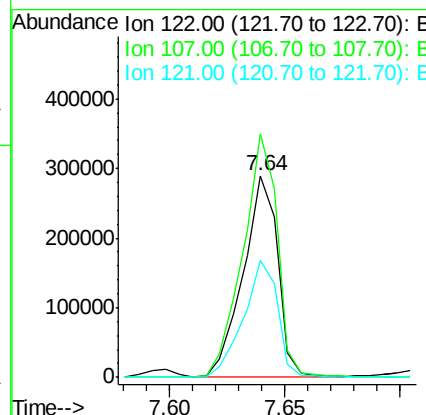
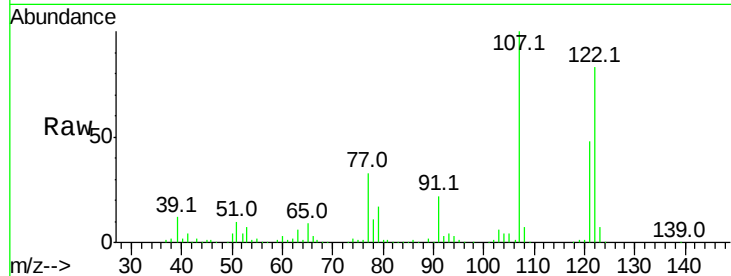
#27  
 2,4-Dimethylphenol  
 Concen: 43.117 ng  
 RT: 7.64 min Scan# 944  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 120.6 | 89.2 | 133.8 |       |
| 121     | 58.1  | 45.2 | 67.8  |       |

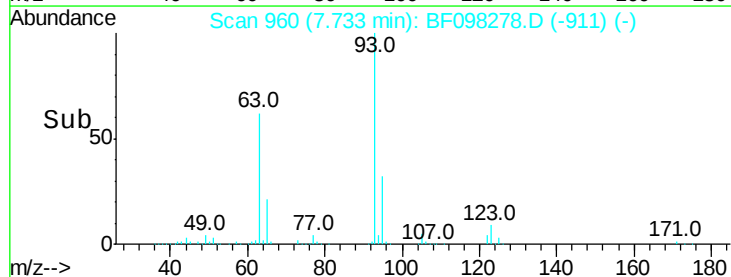
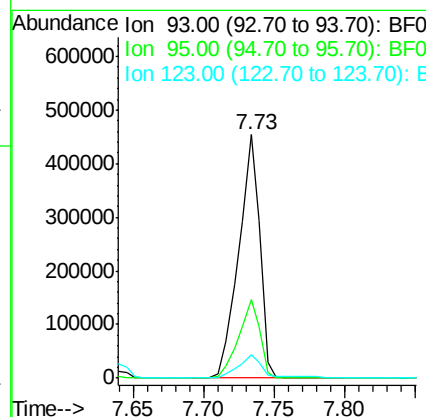
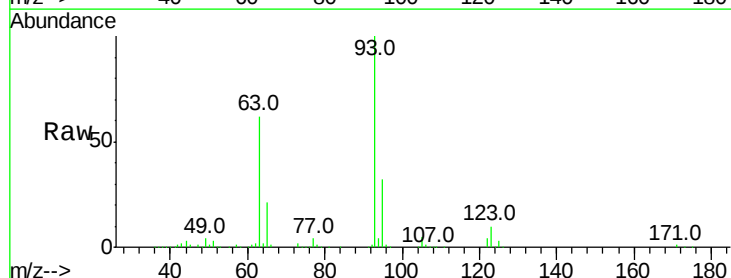
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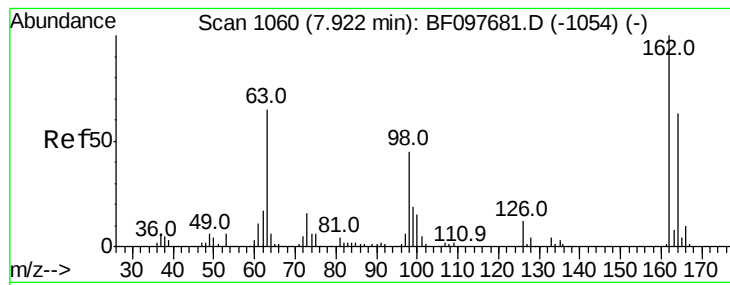
Sohil  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.253 ng  
 RT: 7.73 min Scan# 960  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 32.3  | 26.5 | 39.7  |       |
| 123     | 9.5   | 9.0  | 13.4  |       |





#29

2,4-Dichlorophenol

Concen: 45.057 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

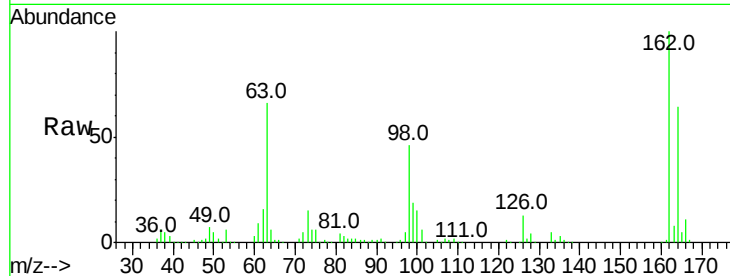
ClientSampleId :

PB102073BS

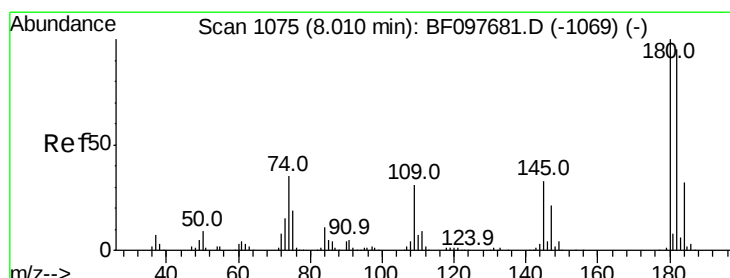
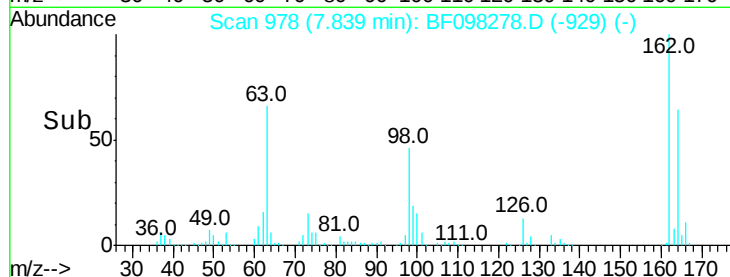
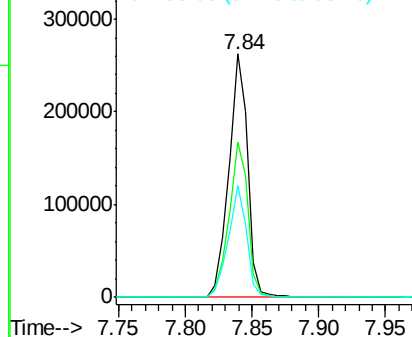
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 263095 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.9  | 44.6  | 84.6   |
| 98        | 46.1  | 14.8  | 54.8   |

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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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.456 ng

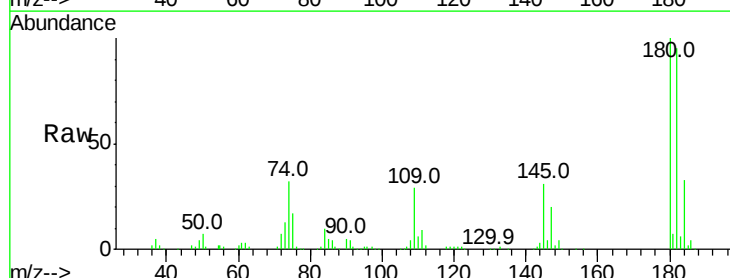
RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

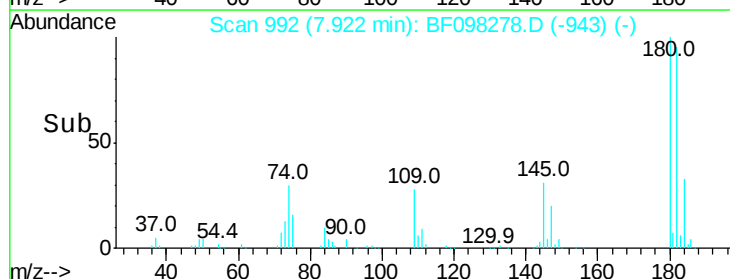
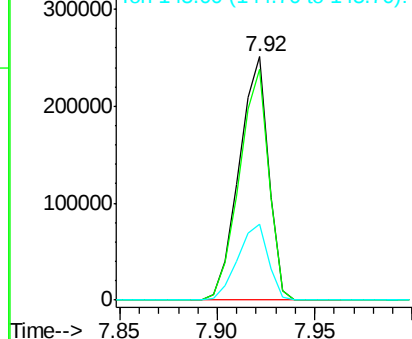
Lab File: BF098278.D

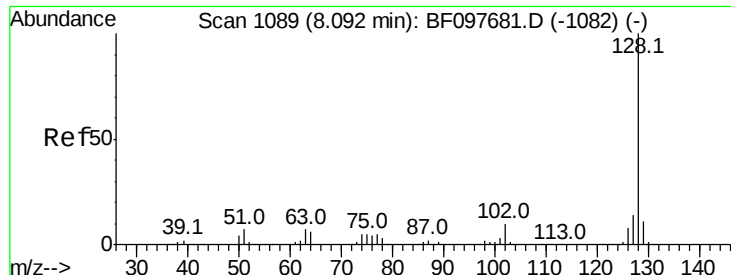
Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 261878 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.0  | 75.8  | 113.6  |
| 145       | 31.4  | 25.3  | 37.9   |



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





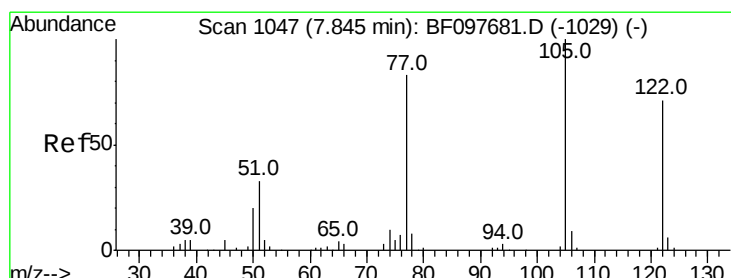
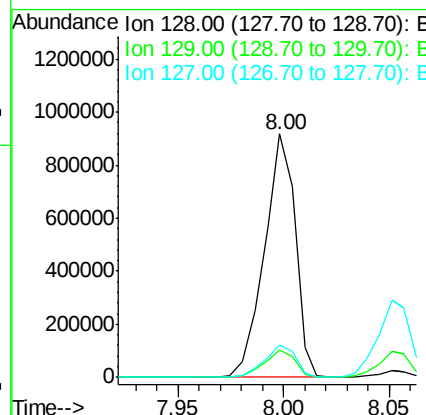
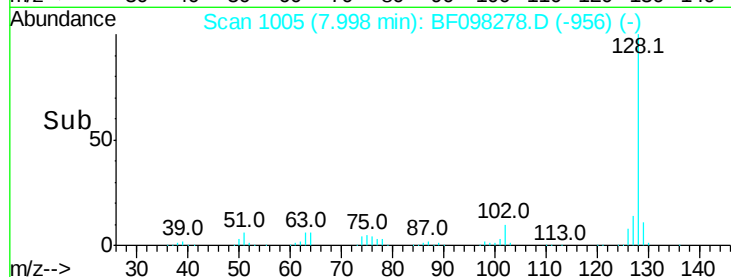
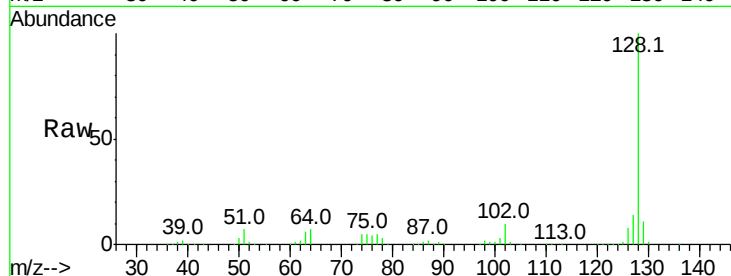
#31  
Naphthalene  
Concen: 40.722 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 9.0   | 13.6  |
| 127     | 13.6  | 10.8  | 16.2  |

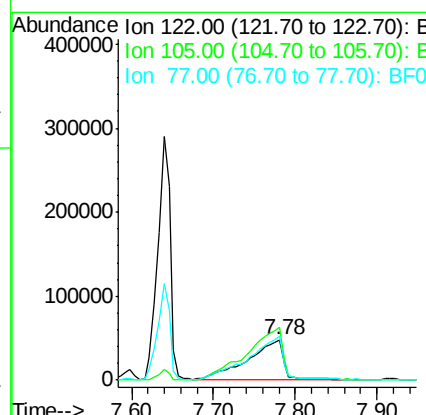
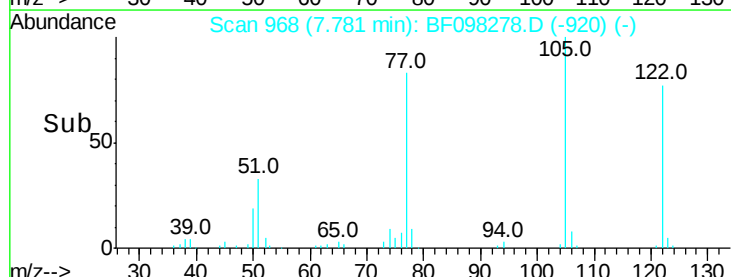
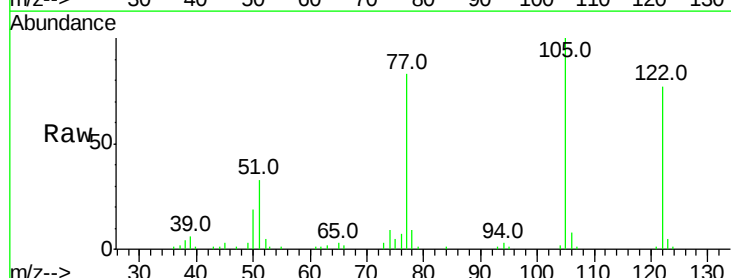
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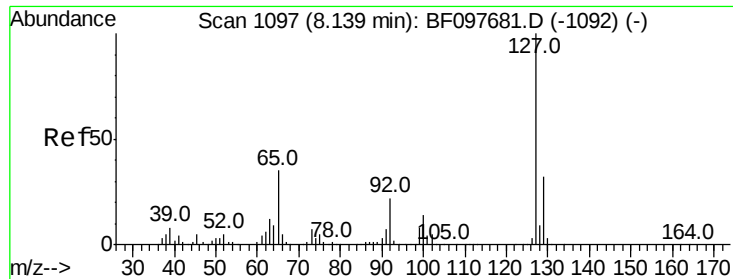
Sohil  
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#32  
Benzoic acid  
Concen: 30.832 ng  
RT: 7.78 min Scan# 968  
Delta R.T. -0.02 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 130.4 | 103.3 | 143.3 |
| 77      | 108.6 | 73.7  | 113.7 |





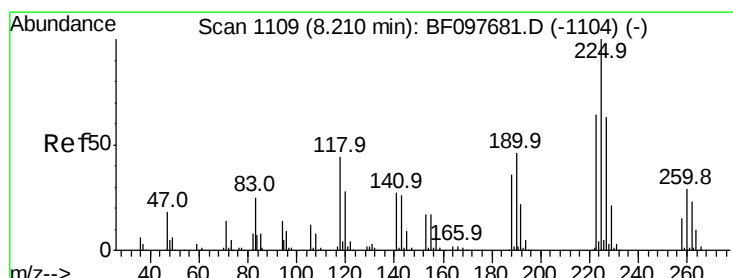
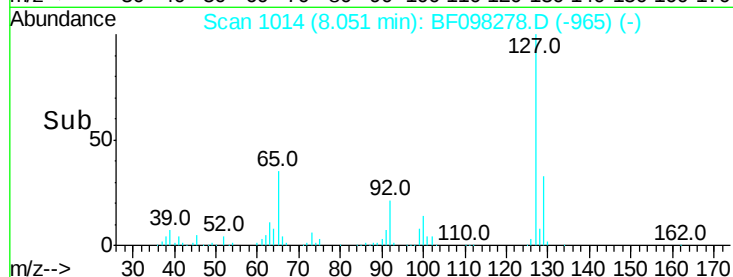
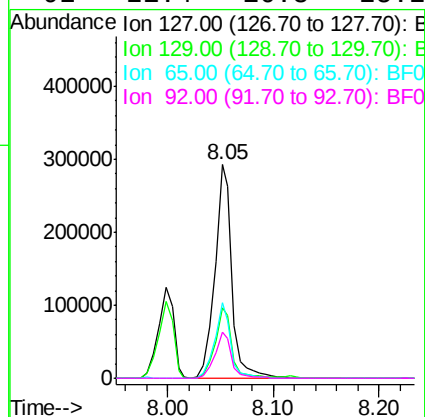
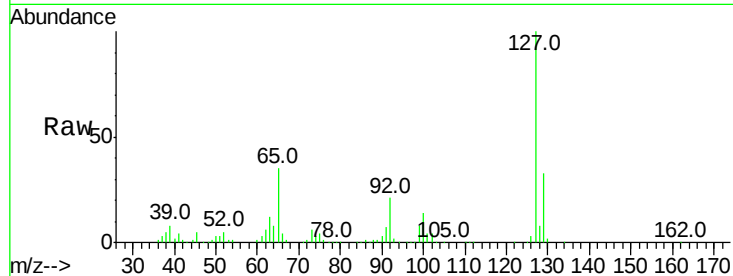
#33  
 4-Chloroaniline  
 Concen: 34.503 ng  
 RT: 8.05 min Scan# 1014  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.9  | 26.2 | 39.2  |       |
| 65      | 35.4  | 27.8 | 41.8  |       |
| 92      | 21.4  | 16.8 | 25.2  |       |

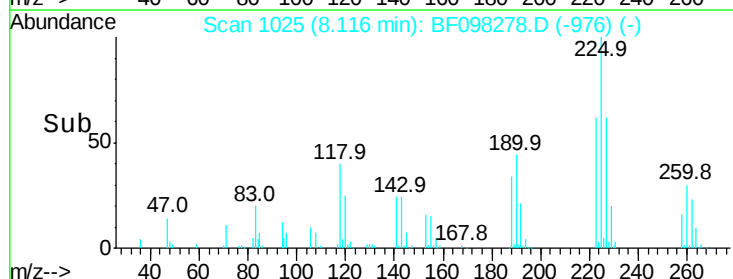
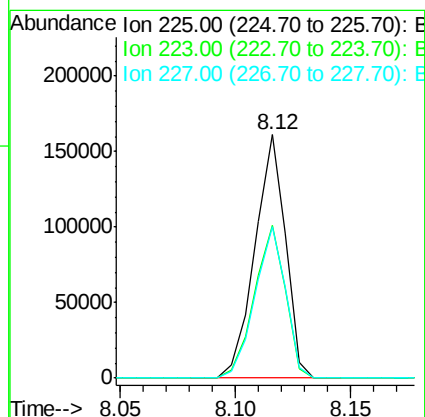
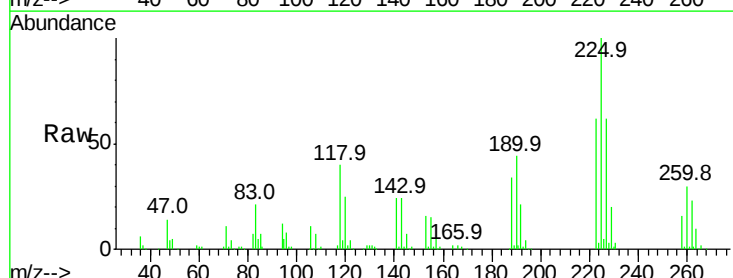
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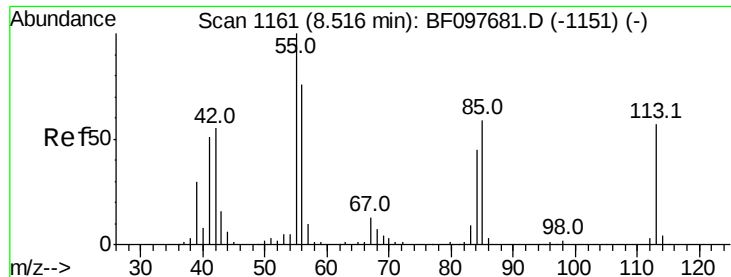
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#34  
 Hexachlorobutadiene  
 Concen: 39.576 ng  
 RT: 8.12 min Scan# 1025  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.5  | 48.8 | 73.2  |       |
| 227     | 62.0  | 51.1 | 76.7  |       |





#35

Caprolactam

Concen: 49.649 ng/mL

RT: 8.43 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

ClientSampleID :

PB102073BS

Tot Ion:113 Resp: 98559

Ion Ratio Lower Upper

113 100

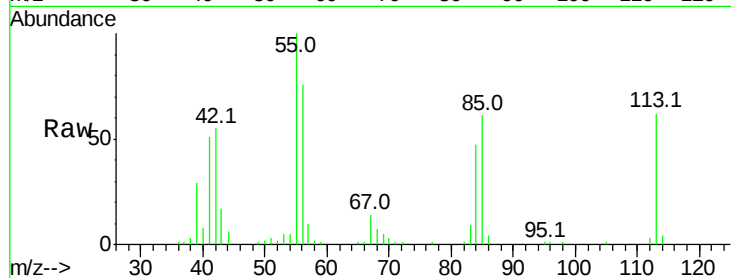
55 160.8 150.2 190.2

56 122.3 107.8 147.8

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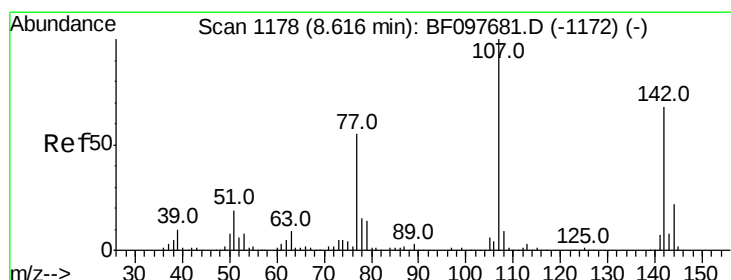
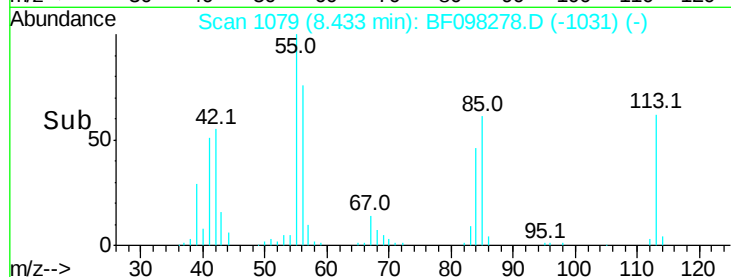
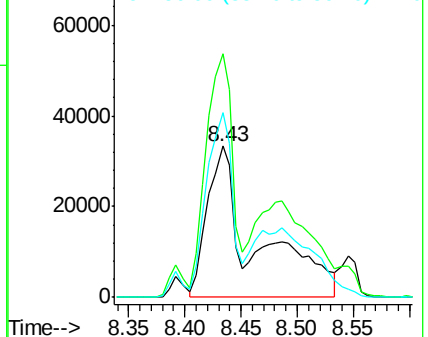
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.908 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

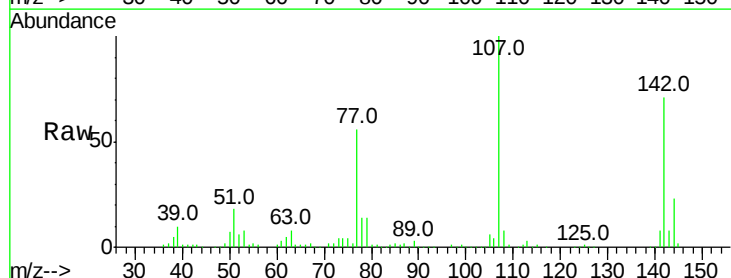
Tgt Ion:107 Resp: 329411

Ion Ratio Lower Upper

107 100

144 22.5 24.2 36.4#

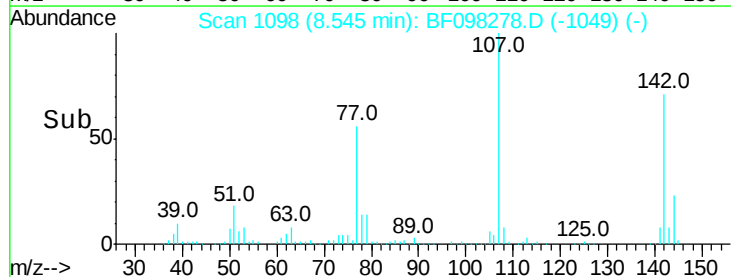
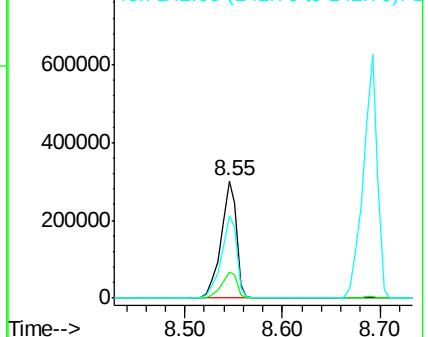
142 70.5 73.4 110.0#

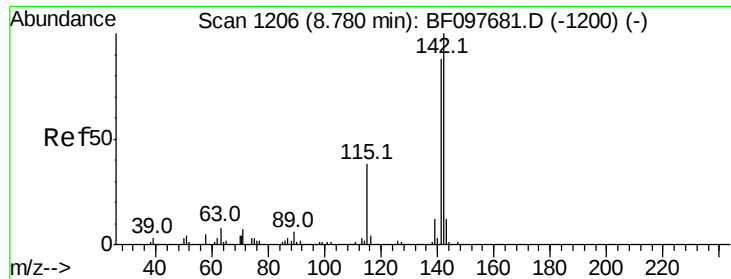


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





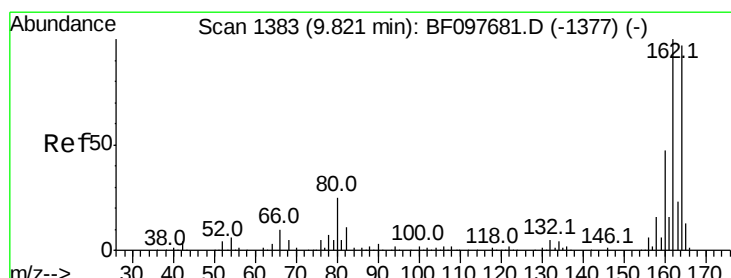
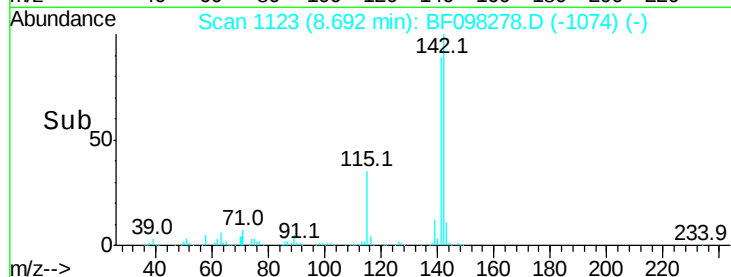
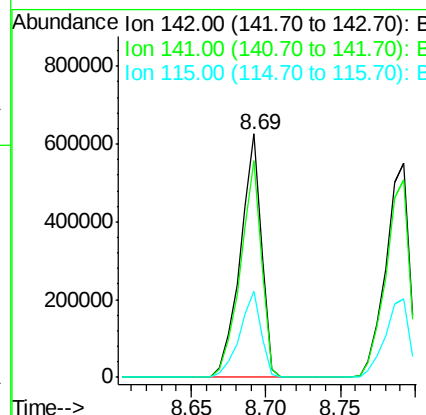
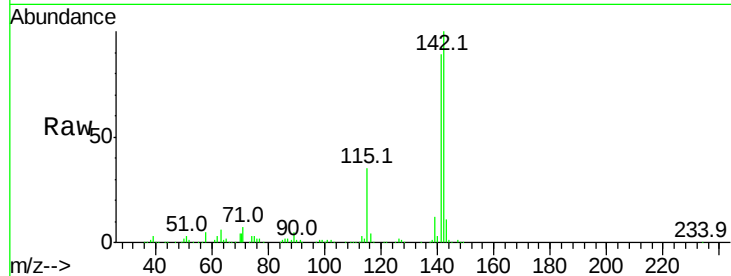
#37  
2-Methylnaphthalene  
Concen: 44.398 ng  
RT: 8.69 min Scan# 1123  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 71.3  | 106.9 |
| 115     | 35.4  | 27.1  | 40.7  |

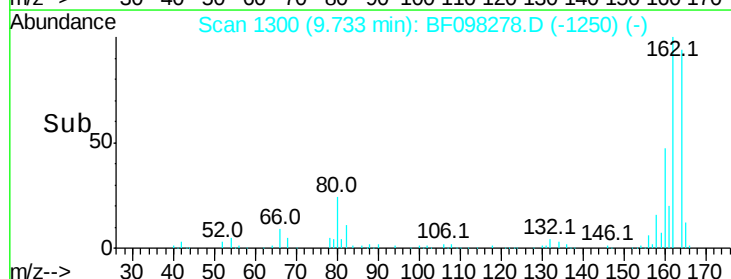
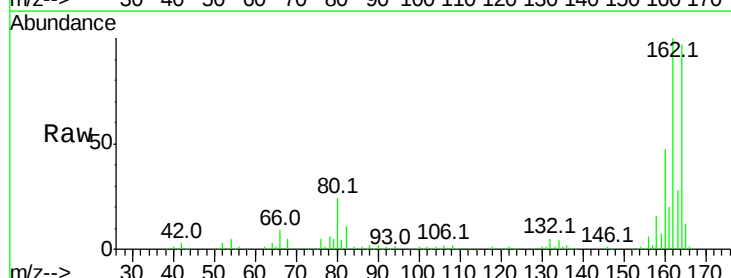
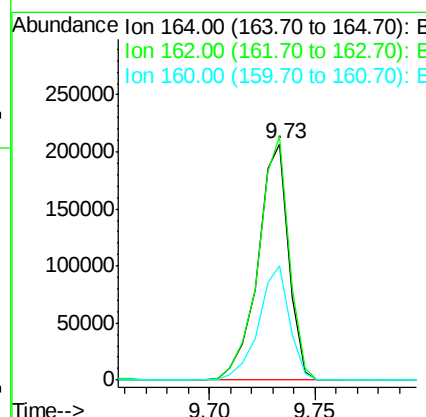
Manual Integrations  
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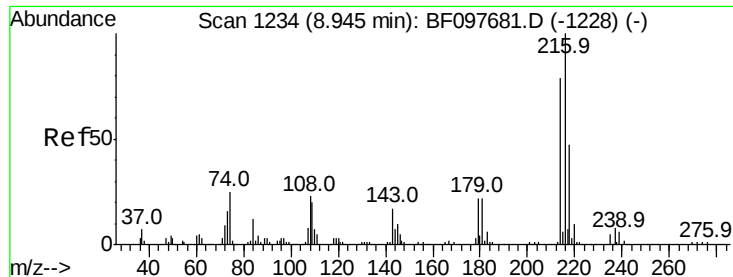
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.0 | 82.6  | 123.8 |
| 160     | 48.6  | 36.2  | 54.2  |





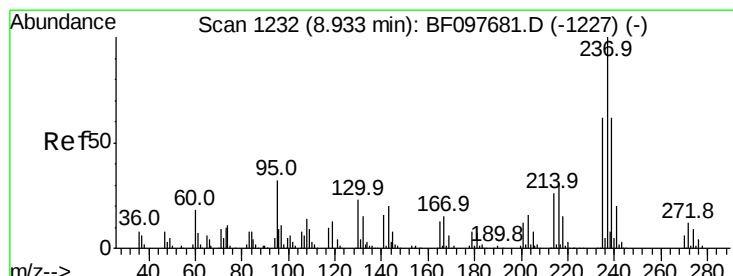
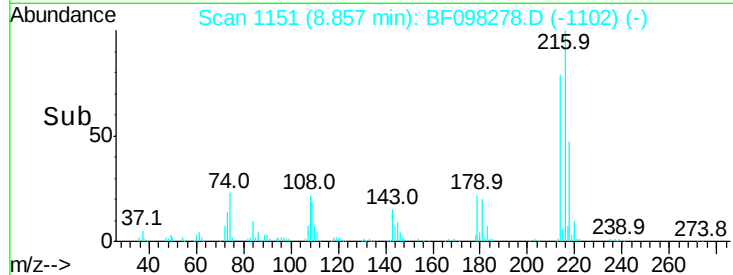
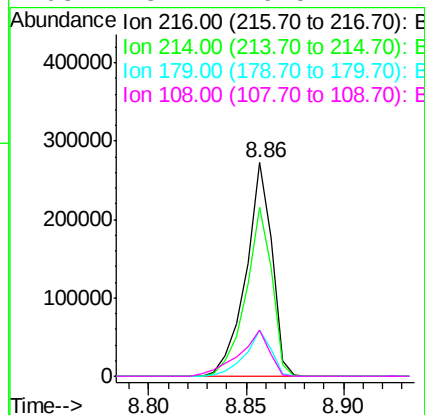
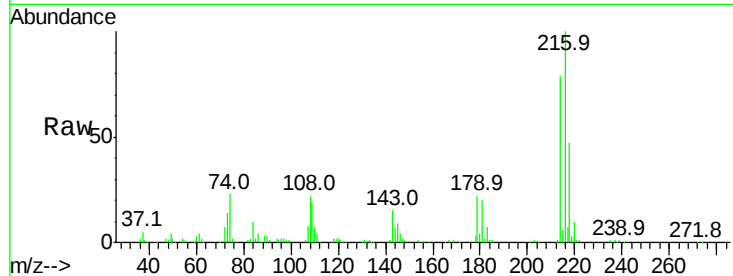
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.898 ng  
 RT: 8.86 min Scan# 1151  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.8  | 63.4       | 95.2  |
| 179     | 21.4  | 17.9       | 26.9  |
| 108     | 25.1  | 16.5       | 24.7  |

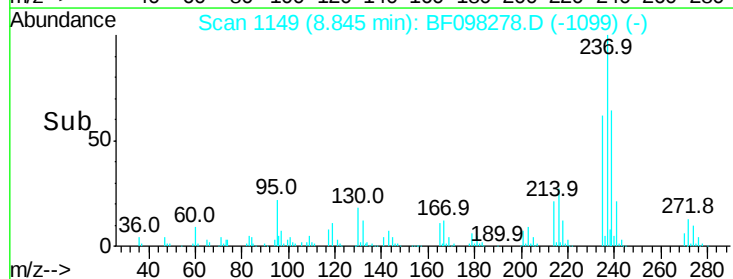
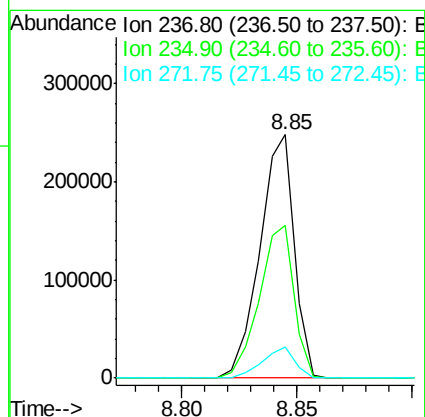
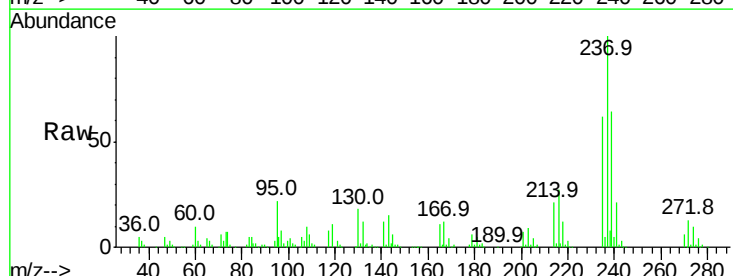
Manual Integrations  
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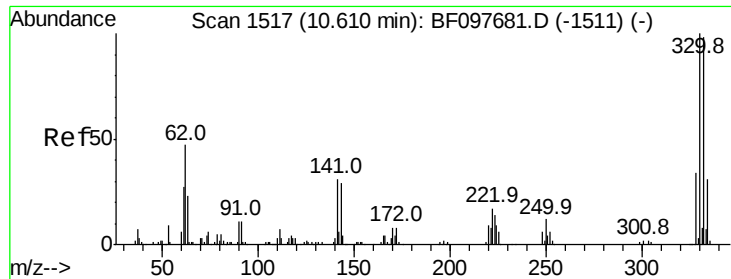
Sohil  
 9/7/2017 5:44:25 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 83.162 ng  
 RT: 8.85 min Scan# 1149  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 62.5  | 42.6       | 82.6  |
| 272     | 12.7  | 0.0        | 31.9  |





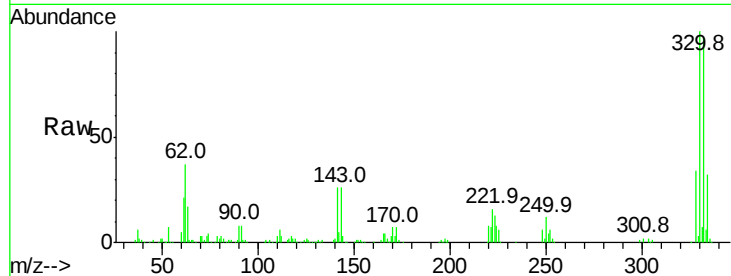
#41  
 2,4,6-Tribromophenol  
 Concen: 149.087 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

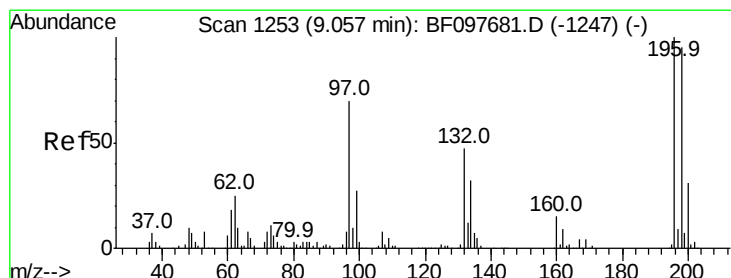
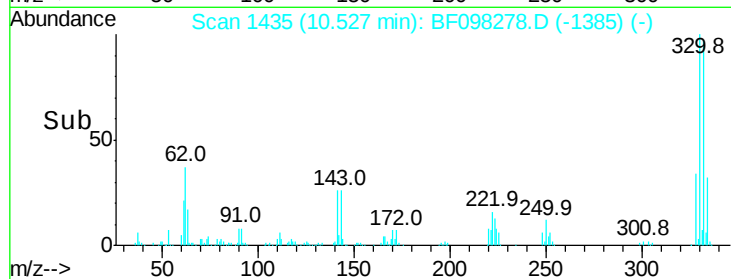
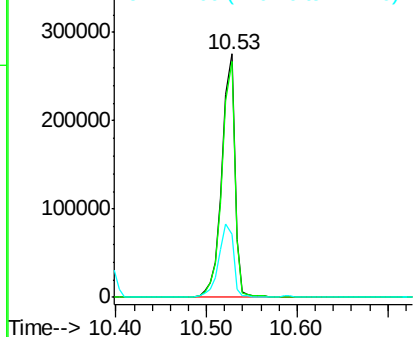
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 271951 |       |       |
| 332     | 96.6  | 76.6   | 115.0 |       |
| 141     | 34.0  | 31.4   | 47.2  |       |

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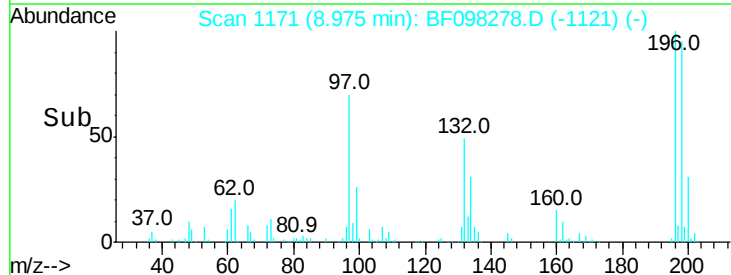
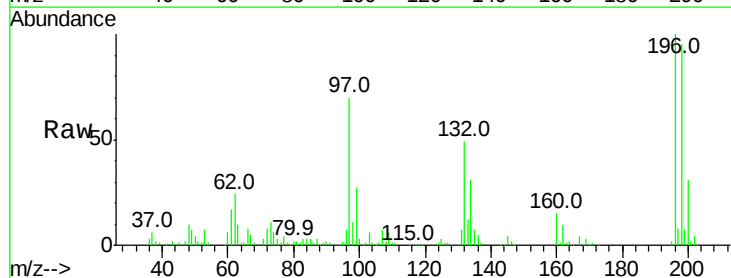
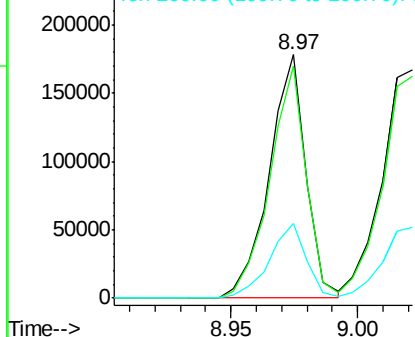
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 41.639 ng  
 RT: 8.97 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 180369 |       |       |
| 198     | 95.3  | 74.2   | 111.4 |       |
| 200     | 30.5  | 24.0   | 36.0  |       |

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





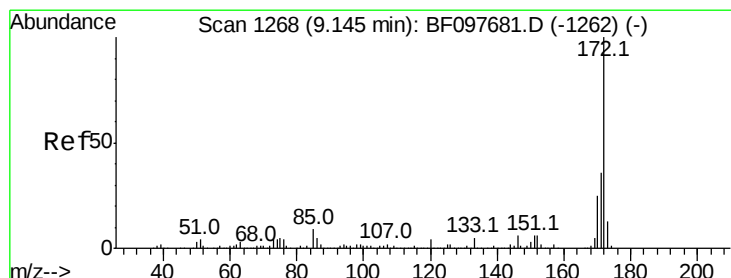
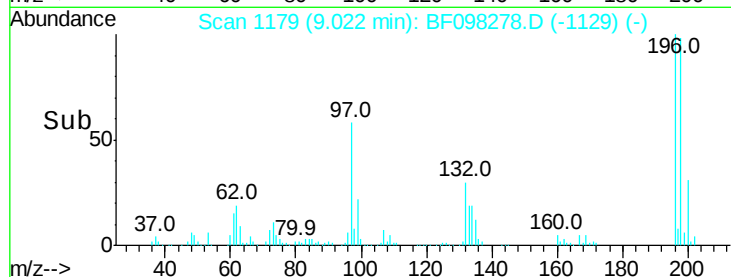
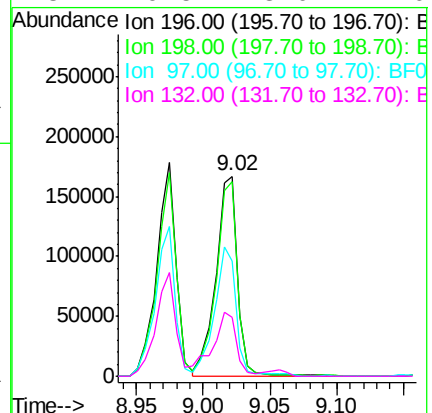
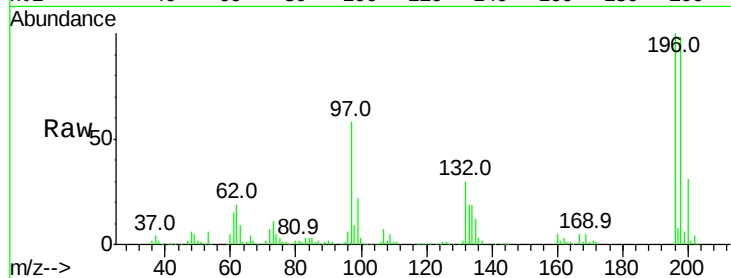
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.057 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 189329 |       |       |
| 198     | 97.5  | 75.7   | 113.5 |       |
| 97      | 57.7  | 47.7   | 71.5  |       |
| 132     | 29.5  | 28.0   | 42.0  |       |

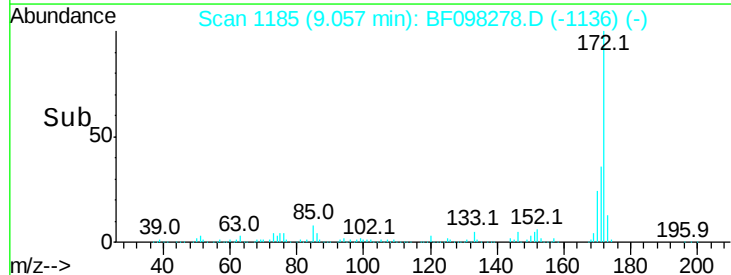
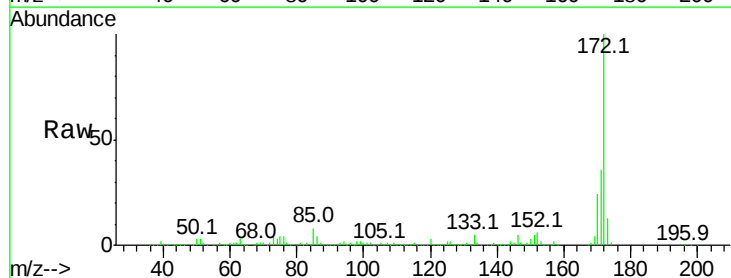
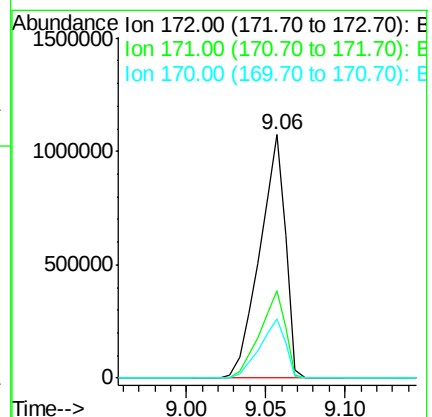
Manual Integrations  
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 9/7/2017 5:44:25 PM



#44  
 2-Fluorobiphenyl  
 Concen: 84.790 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1213280 |       |       |
| 171     | 35.7  | 29.6    | 44.4  |       |
| 170     | 24.1  | 19.8    | 29.8  |       |





#45

1,1'-Biphenyl

Concen: 38.619 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

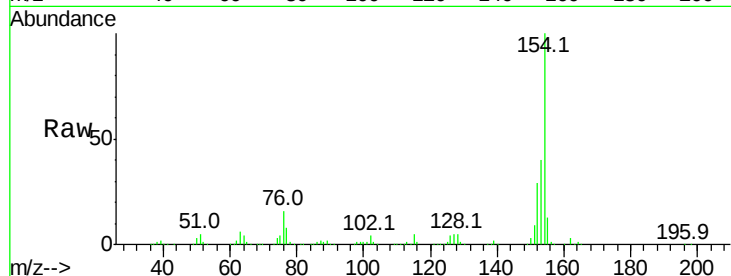
ClientSampleId :

PB102073BS

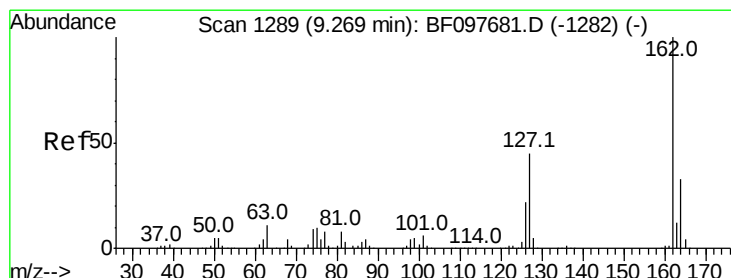
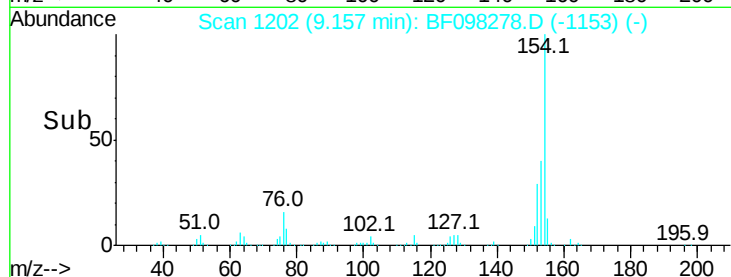
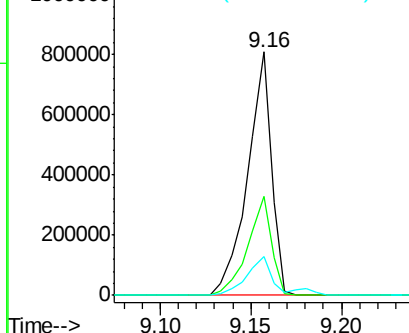
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 740369 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.5  | 21.2  | 61.2   |
| 76        | 16.0  | 0.0   | 29.9   |

Manual Integrations  
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.026 ng

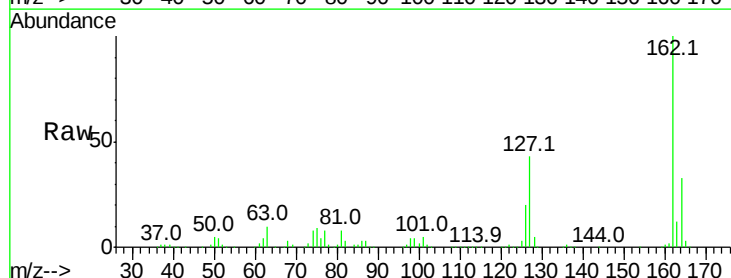
RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

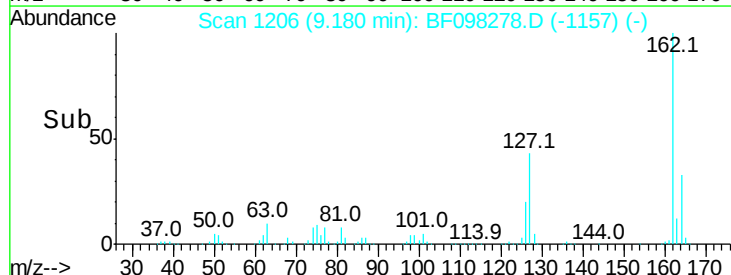
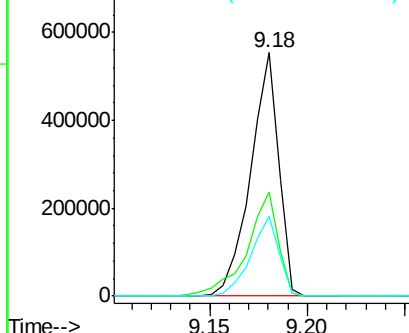
Lab File: BF098278.D

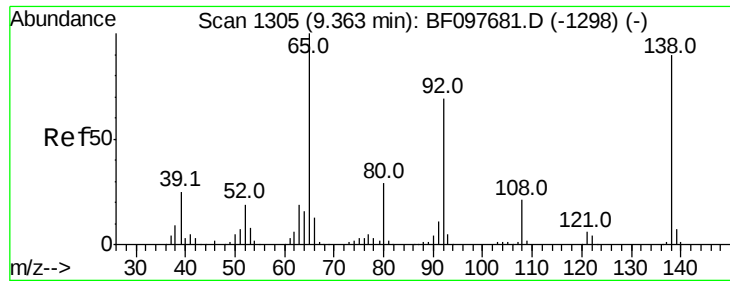
Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 552812 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 43.0  | 28.3  | 42.5#  |
| 164       | 32.6  | 27.0  | 40.4   |



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





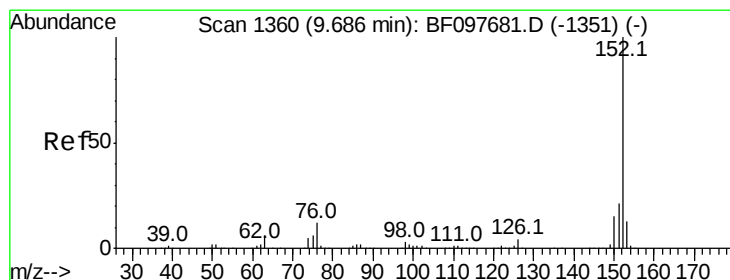
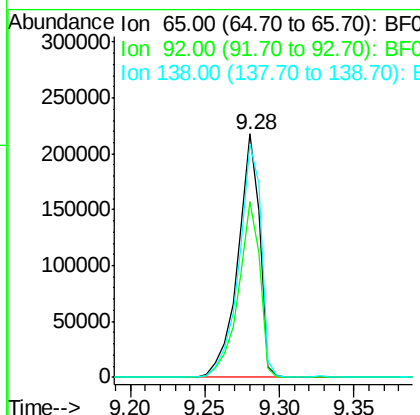
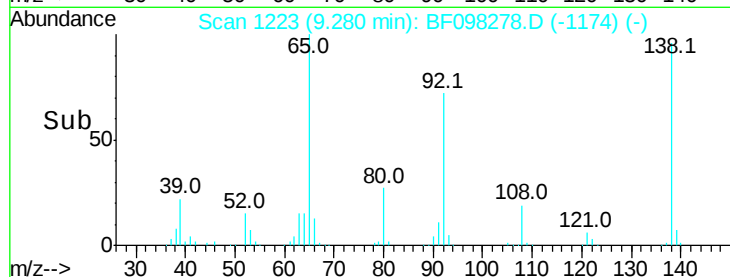
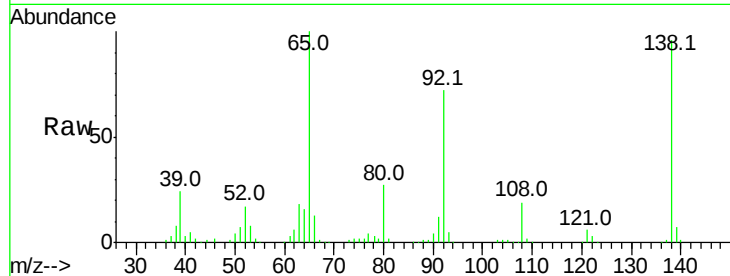
#47  
2-Nitroaniline  
Concen: 46.651 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.4  | 53.9  | 80.9  |
| 138     | 95.8  | 78.8  | 118.2 |

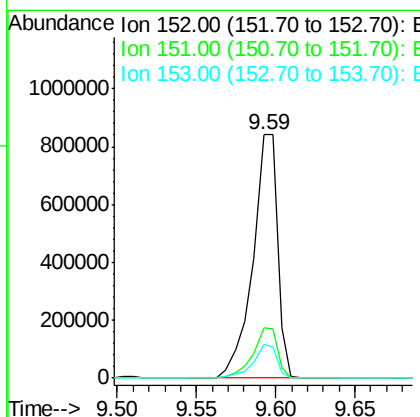
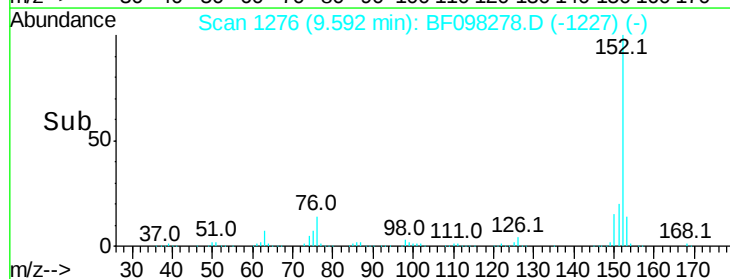
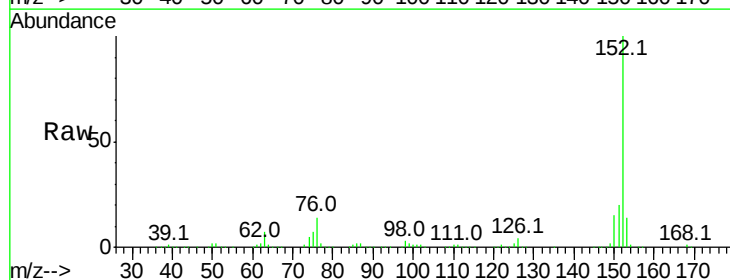
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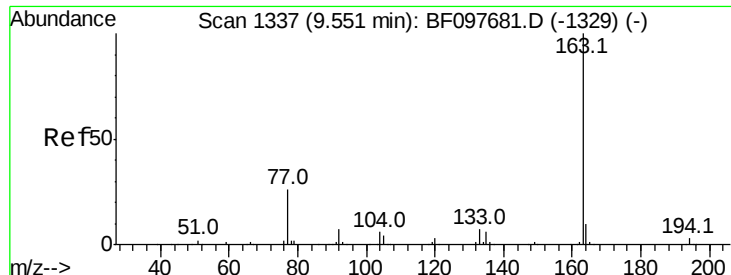
Sohil  
9/7/2017 5:44:25 PM



#48  
Acenaphthylene  
Concen: 41.260 ng  
RT: 9.59 min Scan# 1276  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.8  | 25.2  |
| 153     | 13.6  | 10.8  | 16.2  |





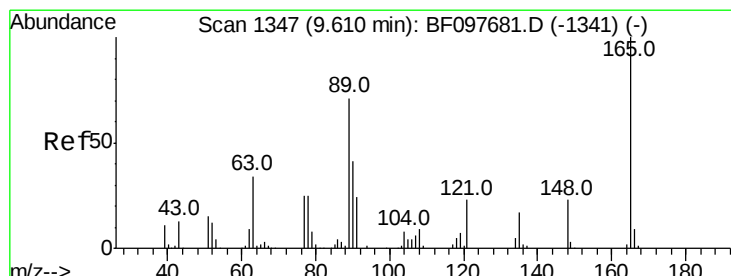
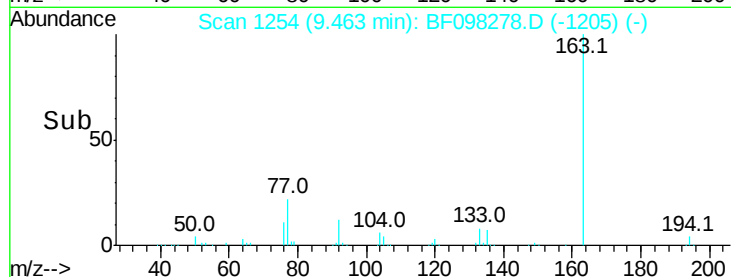
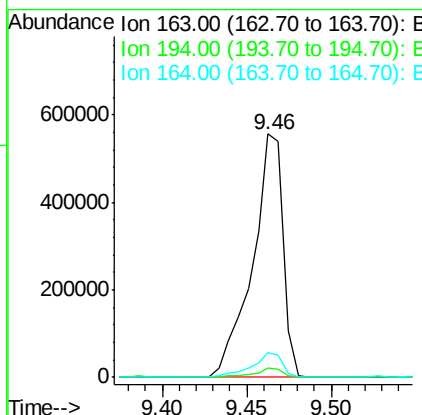
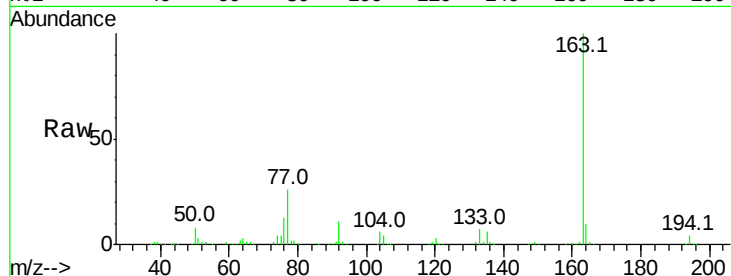
#49  
 Dimethylphthalate  
 Concen: 45.681 ng  
 RT: 9.46 min Scan# 1254  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion   | 163   | Resp  | 701993 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.6   | 2.6   | 4.0    |
| 164       | 10.3  | 8.4   | 12.6   |

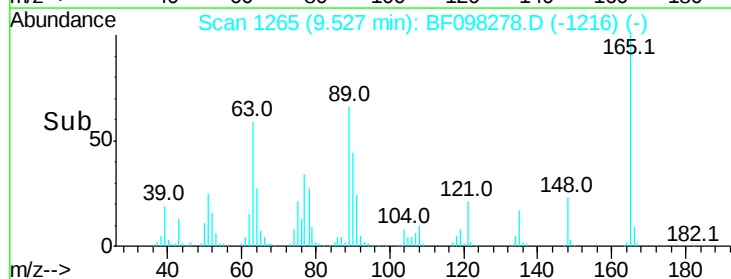
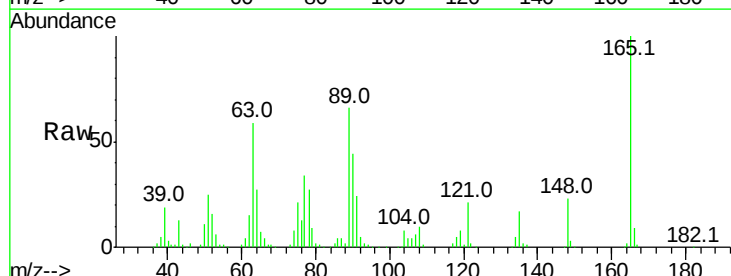
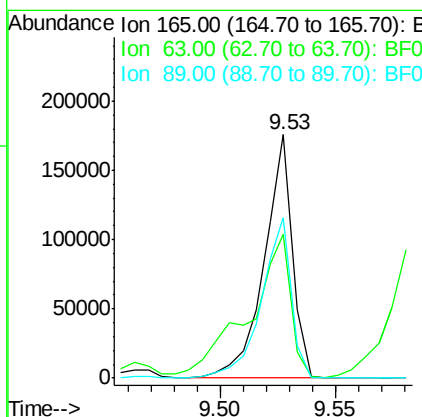
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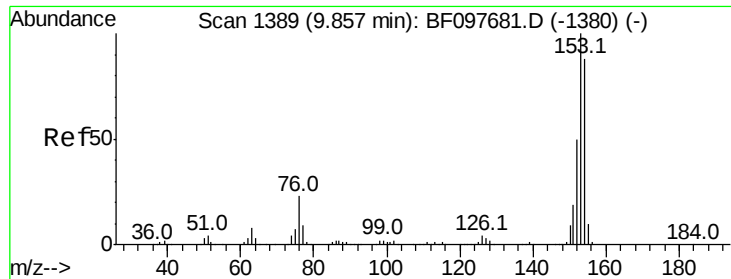
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#50  
 2,6-Dinitrotoluene  
 Concen: 48.609 ng  
 RT: 9.53 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion   | 165   | Resp  | 149108 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 58.8  | 34.3  | 51.5#  |
| 89        | 65.8  | 37.1  | 55.7#  |





#51

Acenaphthene

Concen: 39.054 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

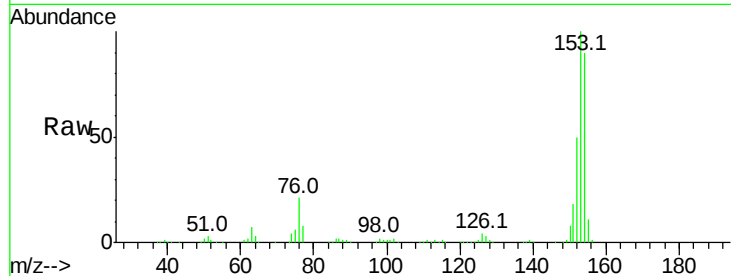
ClientSampleId :

PB102073BS

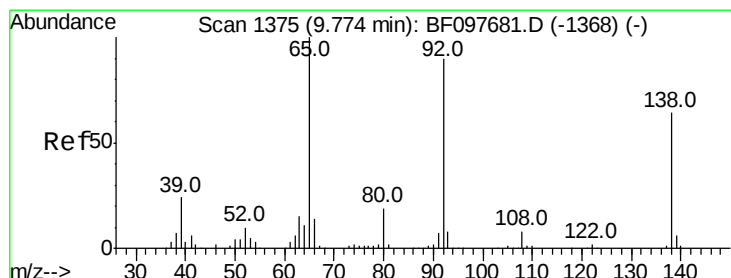
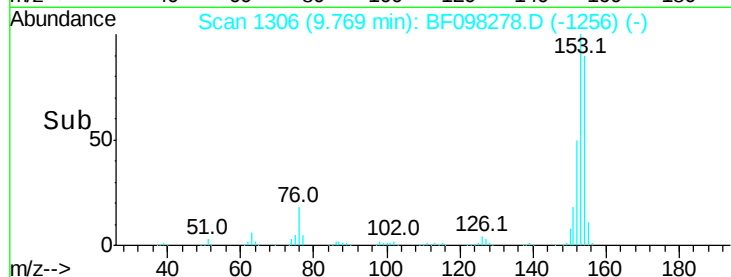
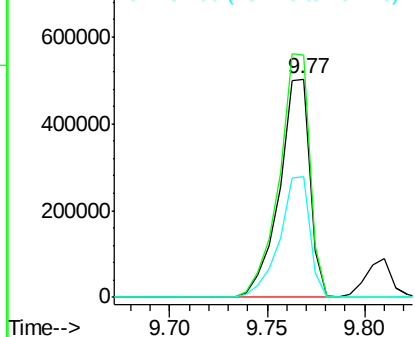
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 547901 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.3 | 90.5  | 135.7  |
| 152       | 55.3  | 43.6  | 65.4   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.146 ng

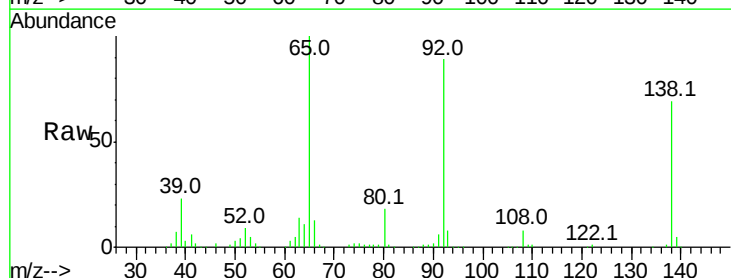
RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

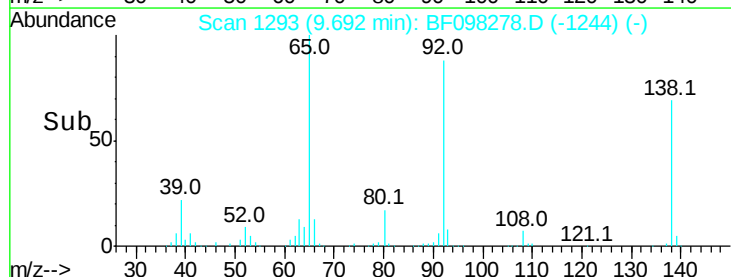
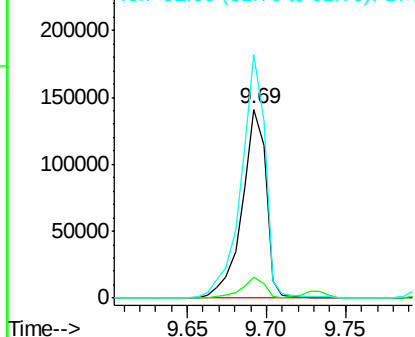
Lab File: BF098278.D

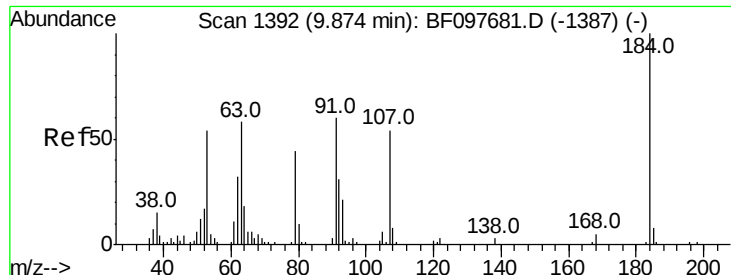
Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 147009 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.0  | 9.1   | 13.7   |
| 92        | 129.1 | 93.8  | 140.6  |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0





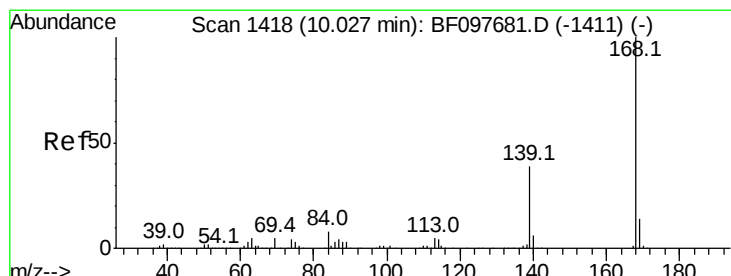
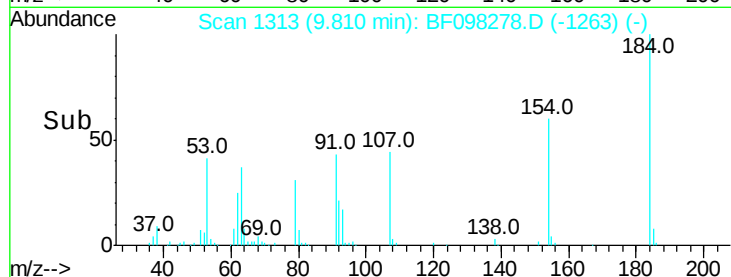
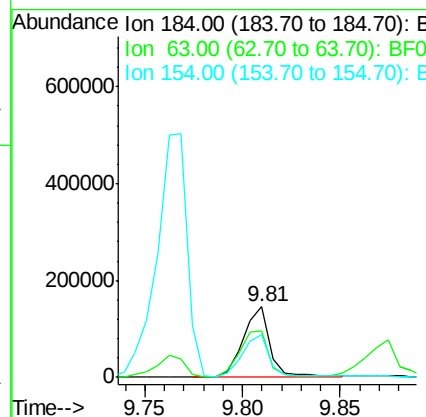
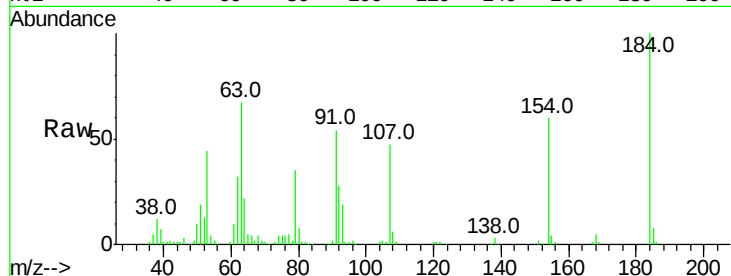
#53  
 2,4-Dinitrophenol  
 Concen: 95.047 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 184     | 100   | 141875 |        |       |
| 63      | 66.5  | 62.7   | 94.1   |       |
| 154     | 60.5  | 81.1   | 121.7# |       |

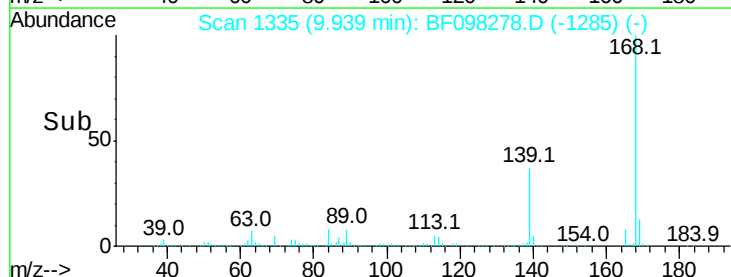
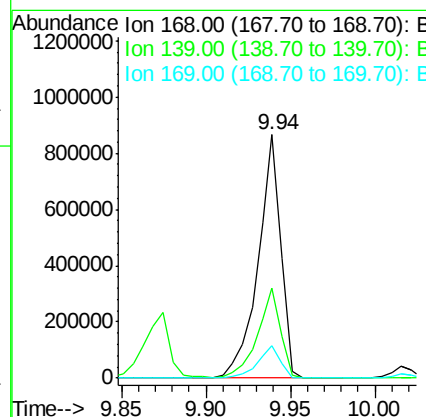
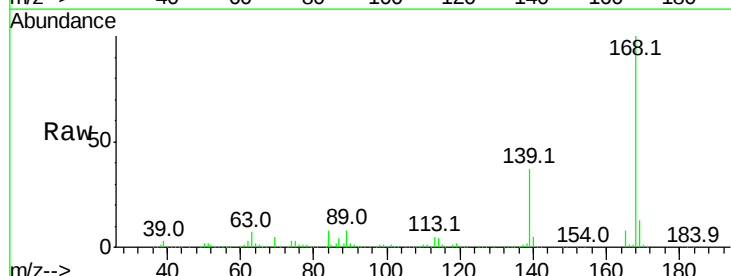
Manual Integrations  
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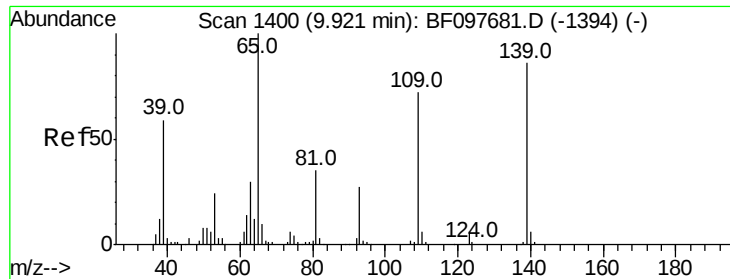
Sohil  
 9/7/2017 5:44:25 PM



#54  
 Dibenzofuran  
 Concen: 43.200 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 812257 |       |       |
| 139     | 37.1  | 30.6   | 45.8  |       |
| 169     | 13.3  | 10.8   | 16.2  |       |





#55

4-Nitrophenol

Concen: 75.724 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

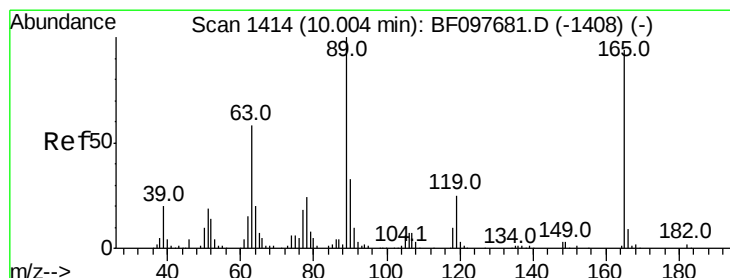
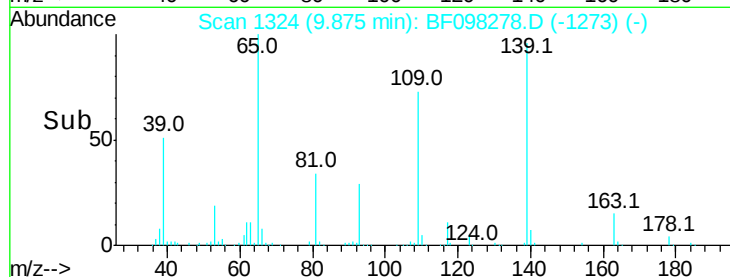
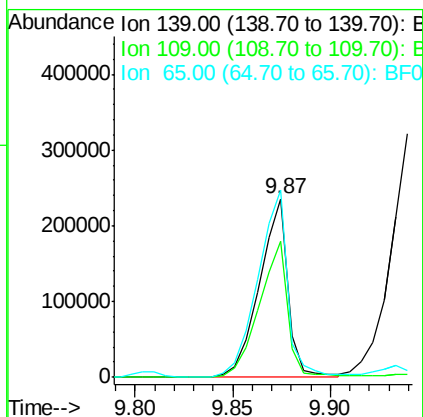
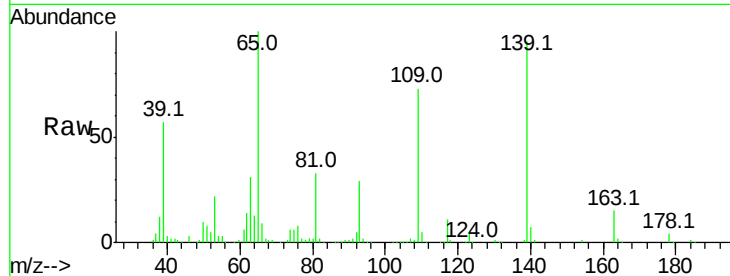
ClientSampleId :

PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 239066 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 76.2  | 34.1  | 74.1#  |
| 65        | 104.8 | 31.4  | 71.4#  |

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#56

2,4-Dinitrotoluene

Concen: 49.785 ng

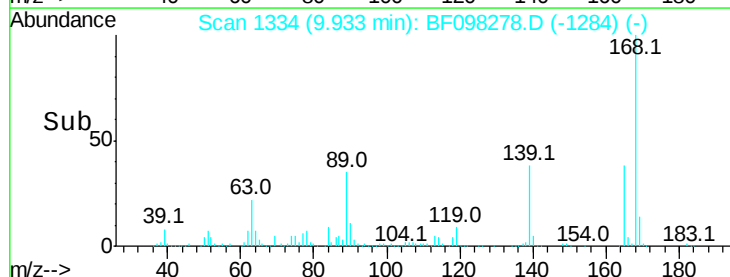
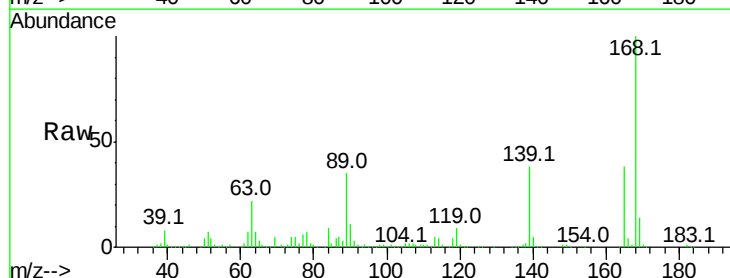
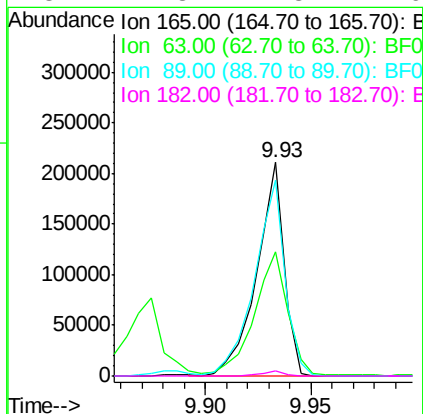
RT: 9.93 min Scan# 1334

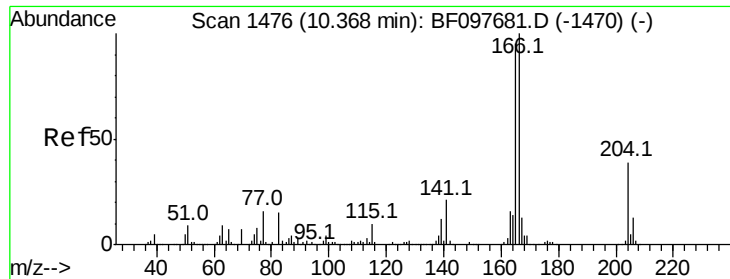
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 191653 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 58.2  | 25.4  | 38.0#  |
| 89        | 91.7  | 46.4  | 69.6#  |
| 182       | 2.3   | 1.8   | 2.6    |





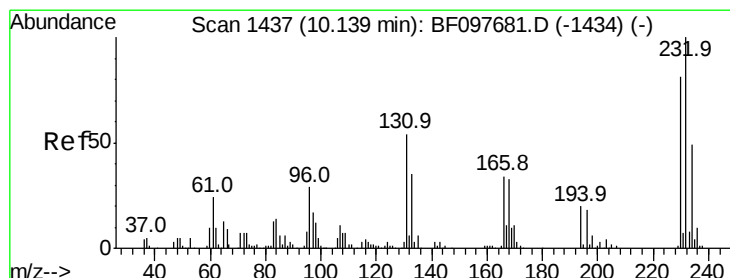
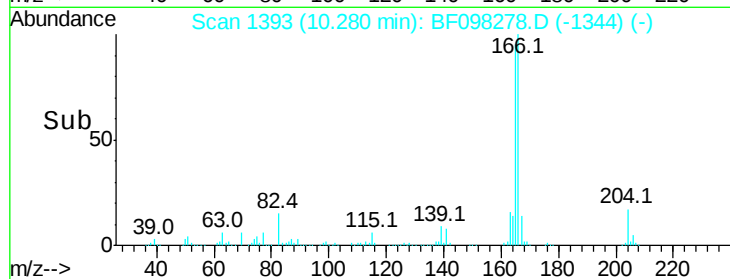
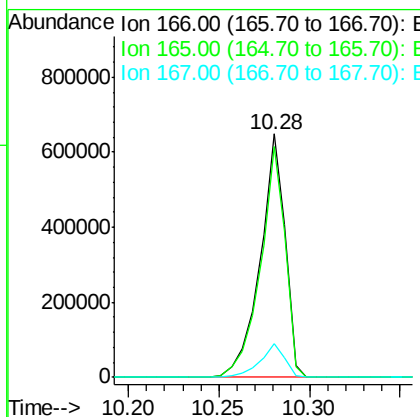
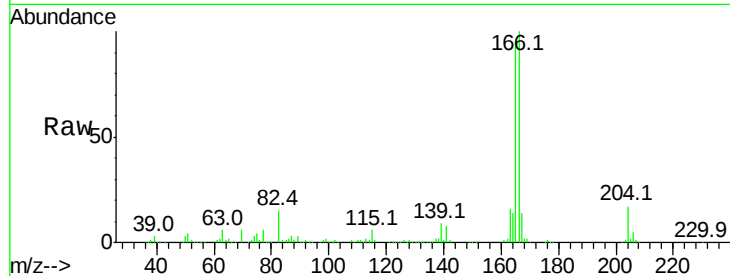
#57  
**Fluorene**  
 Concen: 42.638 ng  
 RT: 10.28 min Scan# 1393  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 94.8  | 78.8 | 118.2 |       |
| 167     | 13.7  | 10.6 | 16.0  |       |

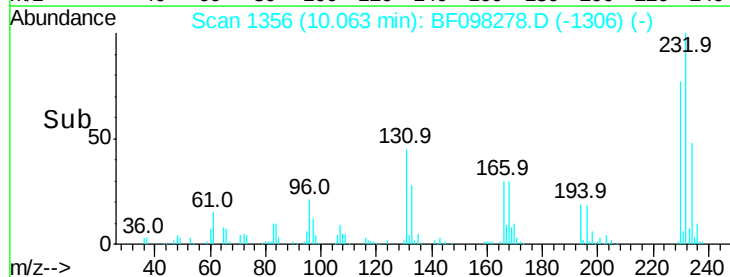
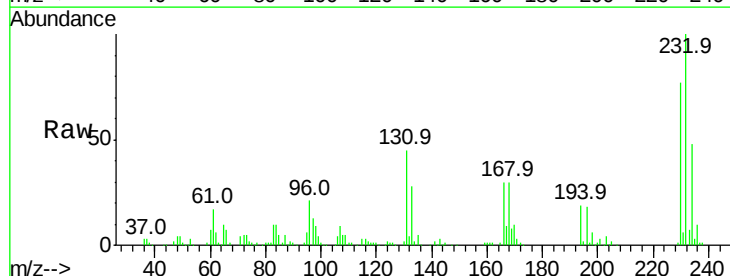
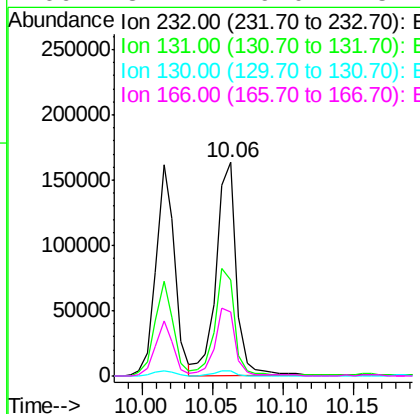
Manual Integrations  
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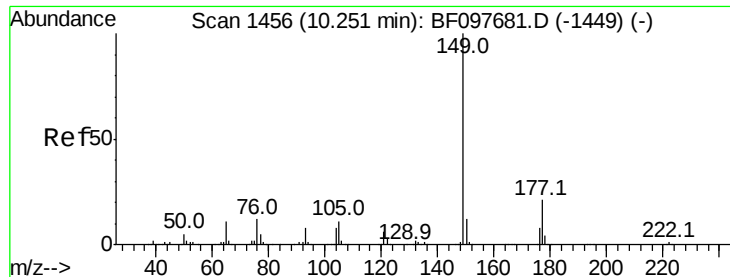
Sohil  
 9/7/2017 5:44:25 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 48.755 ng  
 RT: 10.06 min Scan# 1356  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 49.9  | 44.8 | 67.2  |       |
| 130     | 2.6   | 2.3  | 3.5   |       |
| 166     | 32.1  | 29.0 | 43.4  |       |





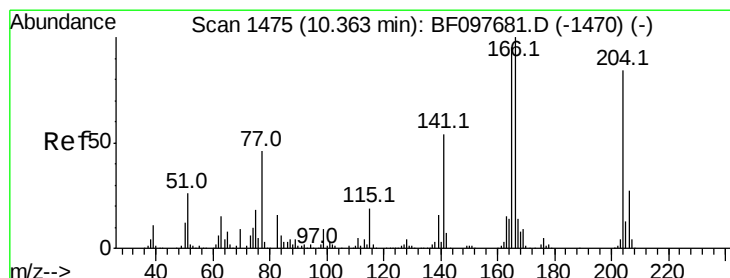
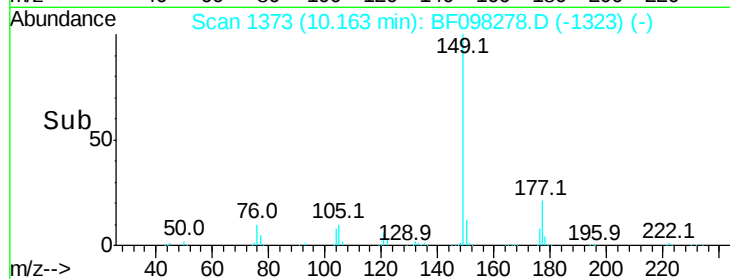
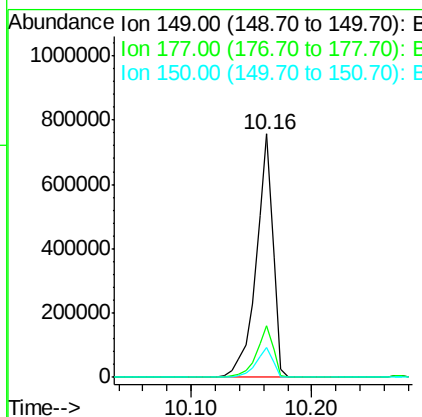
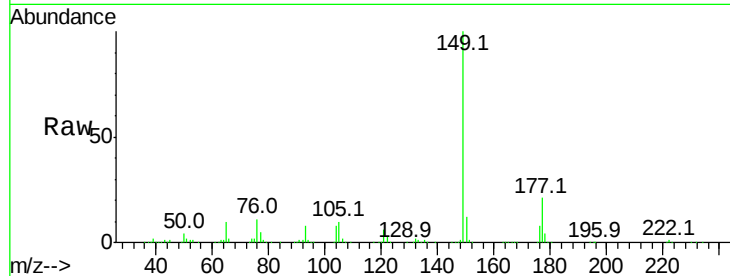
#59  
Diethylphthalate  
Concen: 45.451 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 730418 |       |       |
| 177     | 21.0  | 16.7   | 25.1  |       |
| 150     | 12.4  | 10.2   | 15.2  |       |

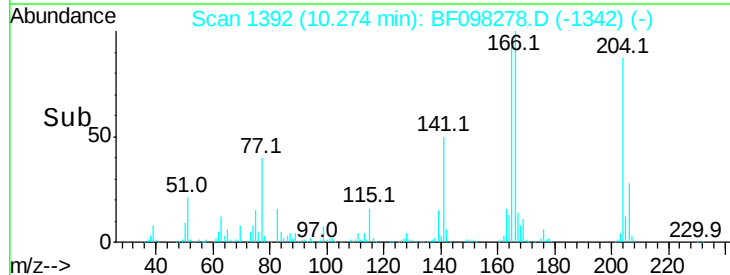
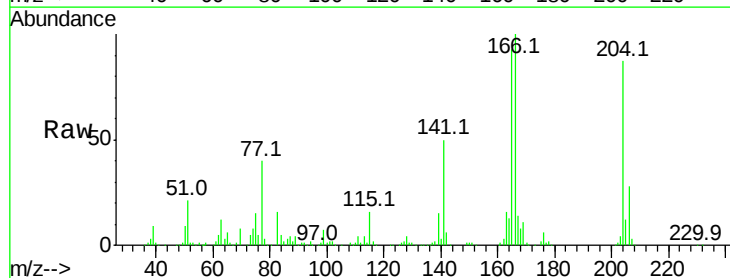
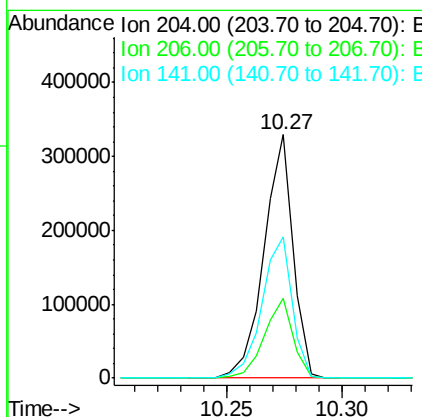
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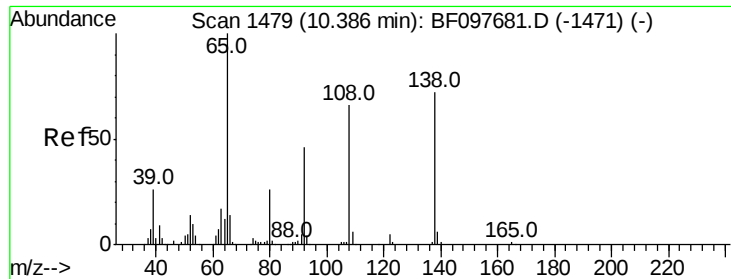
Sohil  
9/7/2017 5:44:25 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.699 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 288366 |       |       |
| 206     | 32.7  | 26.2   | 39.2  |       |
| 141     | 58.2  | 60.8   | 91.2# |       |





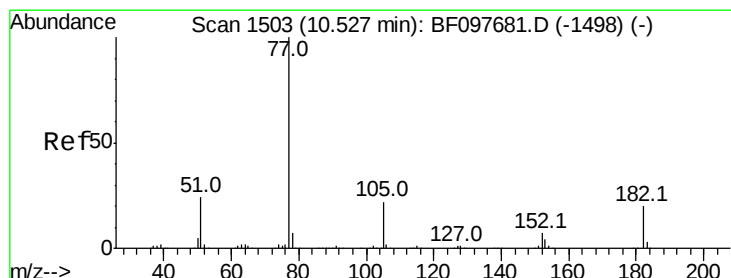
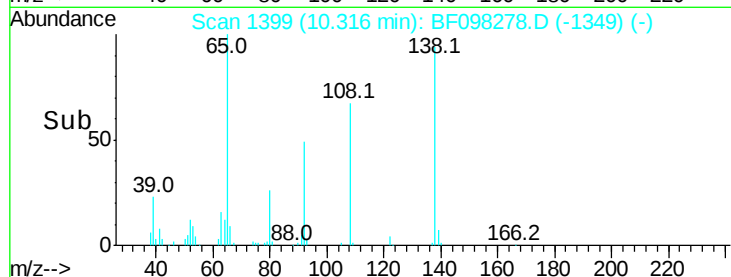
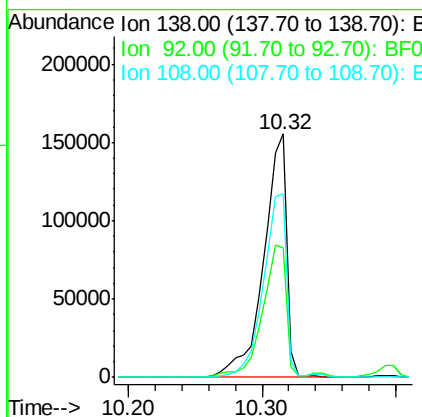
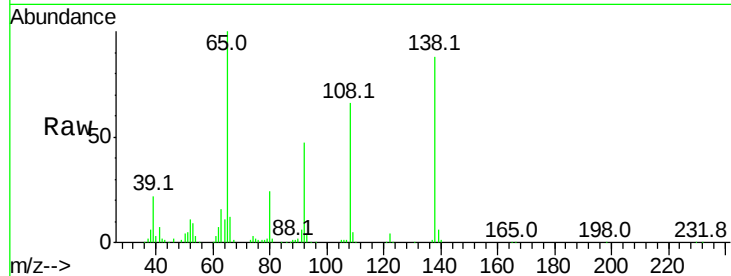
#61  
4-Nitroaniline  
Concen: 49.352 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 185636 |       |       |
| 92      | 53.1  | 21.8   | 61.8  |       |
| 108     | 75.2  | 42.3   | 82.3  |       |

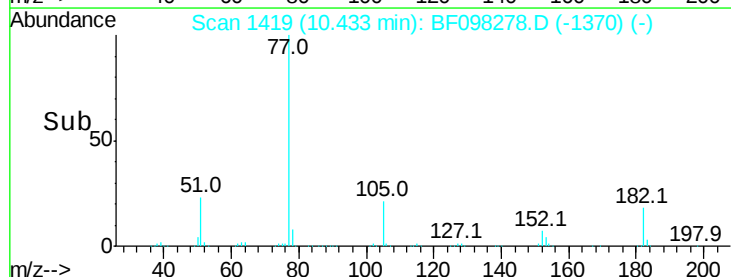
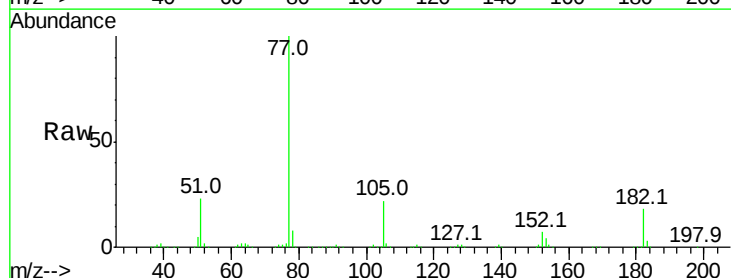
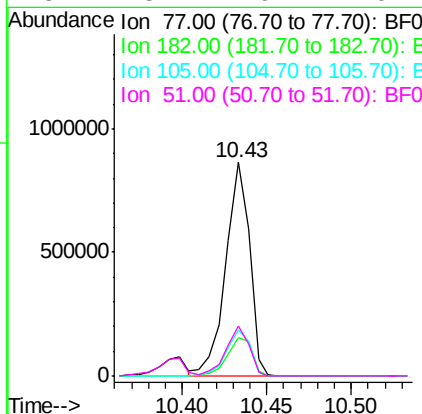
Manual Integrations  
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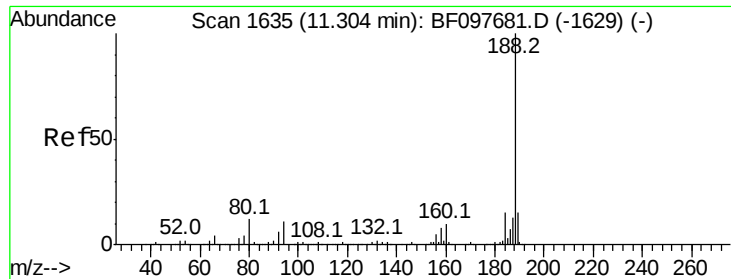
Sohil  
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#62  
Azobenzene  
Concen: 44.243 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 844553 |       |       |
| 182     | 18.0  | 0.1    | 40.1  |       |
| 105     | 21.7  | 3.6    | 43.6  |       |
| 51      | 23.1  | 9.4    | 49.4  |       |





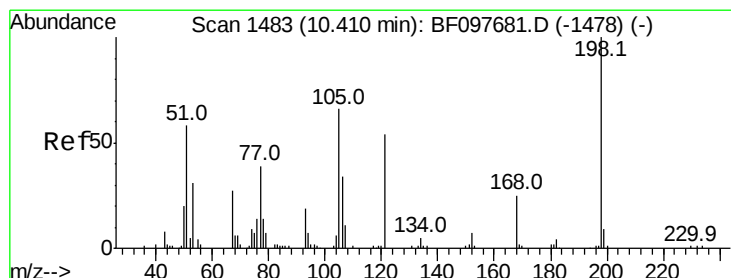
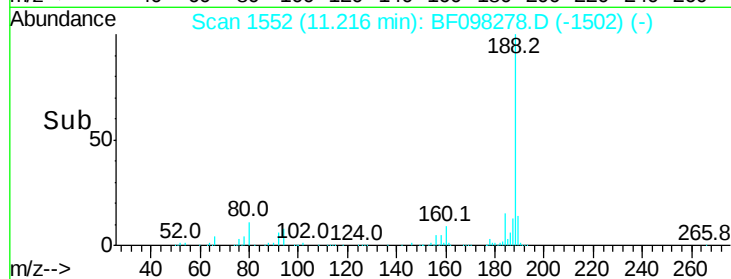
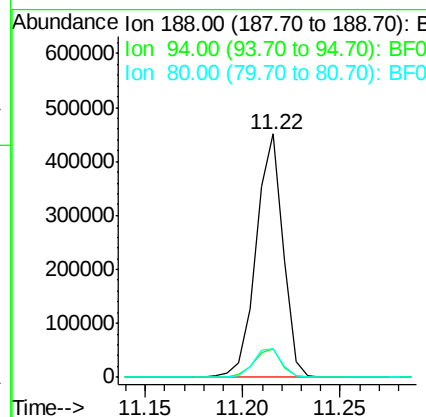
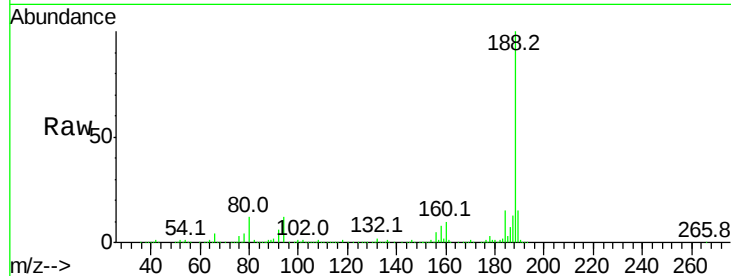
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.22 min Scan# 1552  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 11.5  | 9.4  | 14.2  |       |
| 80      | 11.7  | 10.2 | 15.2  |       |

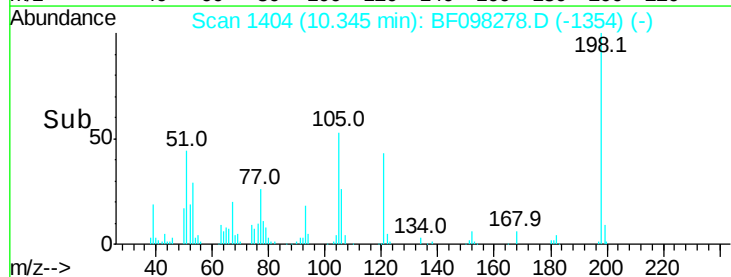
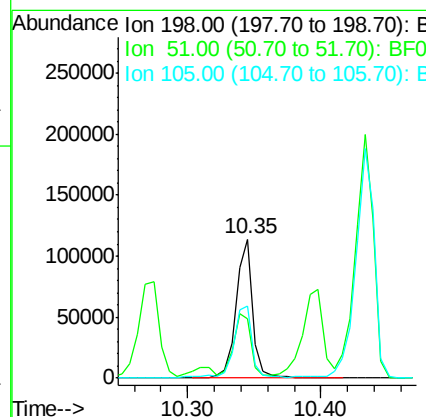
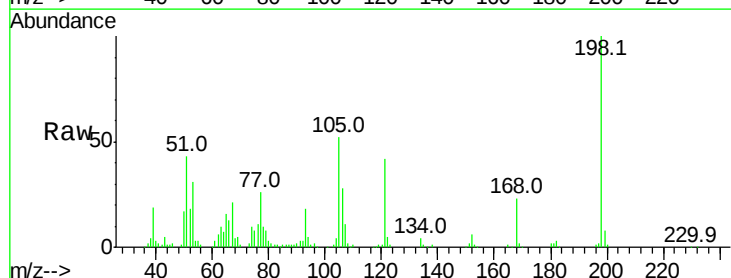
Manual Integrations  
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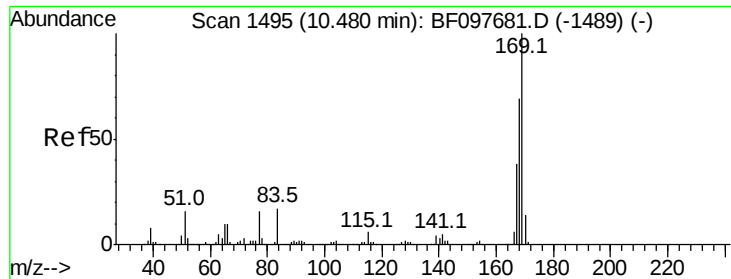
Sohil  
 9/7/2017 5:44:25 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 49.290 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 42.7  | 53.2 | 93.2# |       |
| 105     | 51.5  | 45.8 | 85.8  |       |





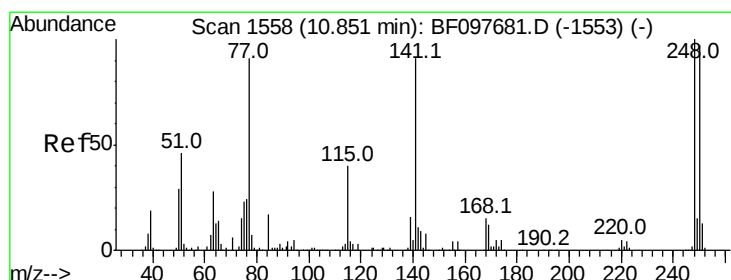
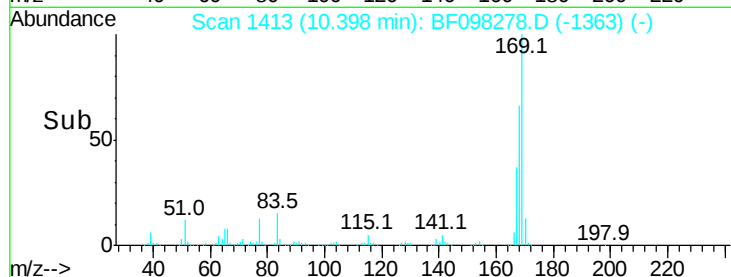
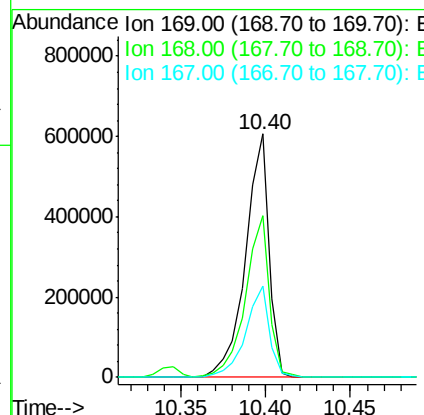
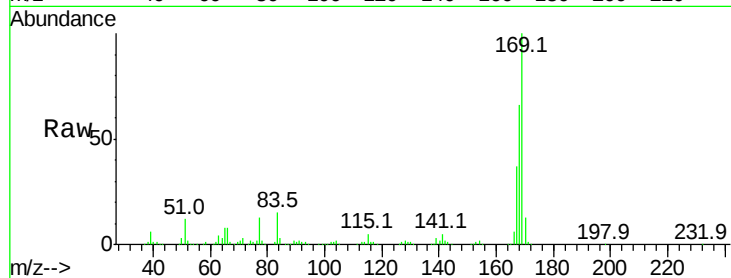
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.214 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.4  | 53.2  | 79.8  |
| 167     | 37.2  | 29.5  | 44.3  |

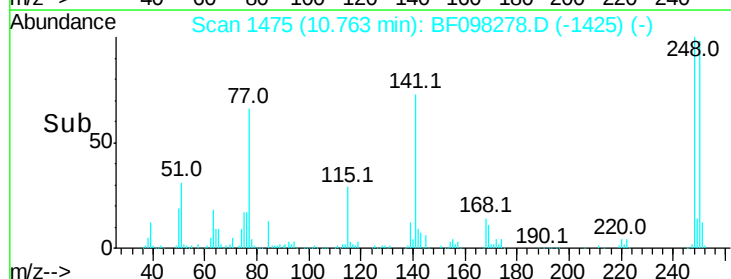
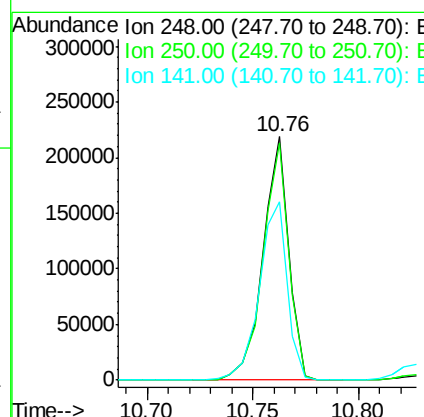
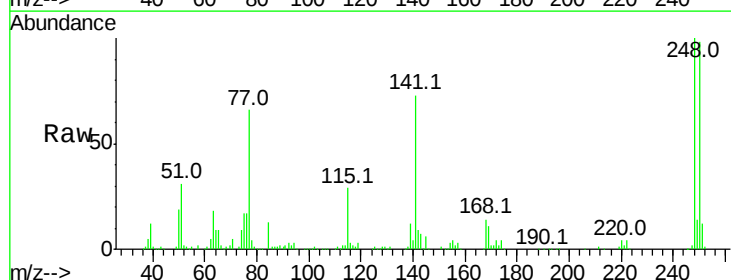
Manual Integrations  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 41.861 ng  
 RT: 10.76 min Scan# 1475  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.6  | 76.8  | 115.2 |
| 141     | 73.3  | 68.6  | 103.0 |





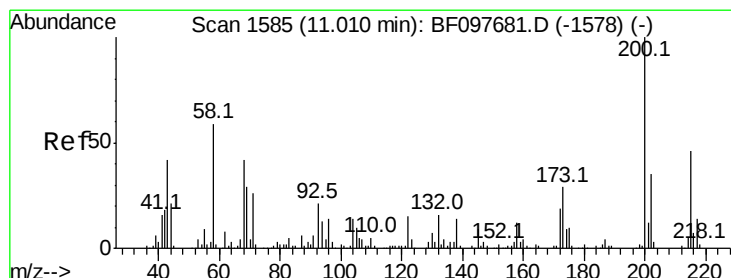
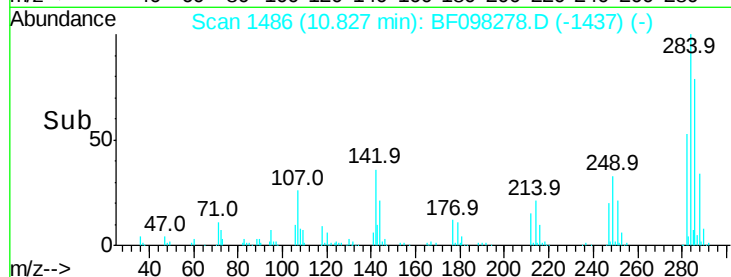
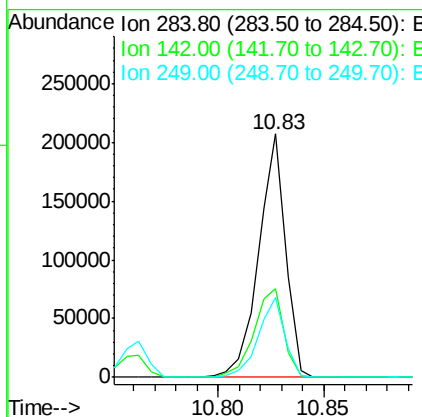
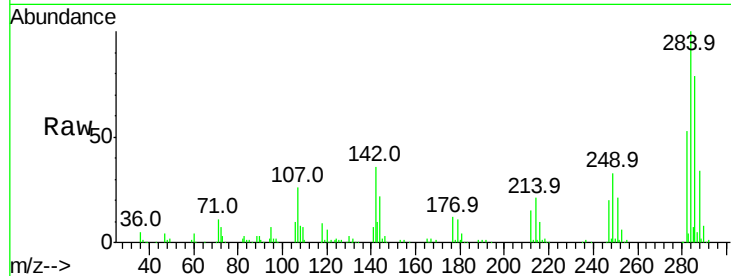
#67  
Hexachlorobenzene  
Concen: 40.186 ng  
RT: 10.83 min Scan# 1486  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 36.4  | 22.8 | 34.2# |       |
| 249     | 32.8  | 24.0 | 36.0  |       |

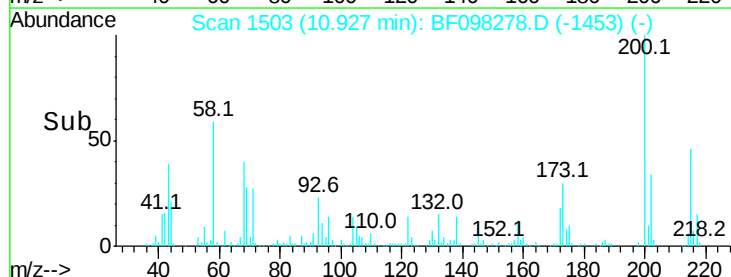
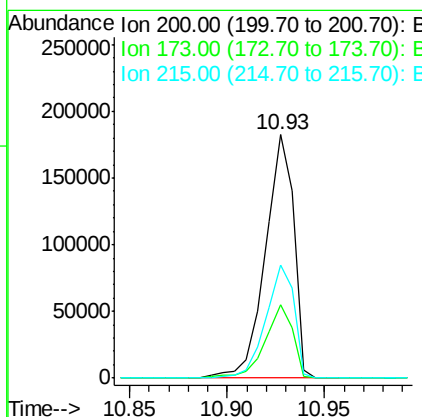
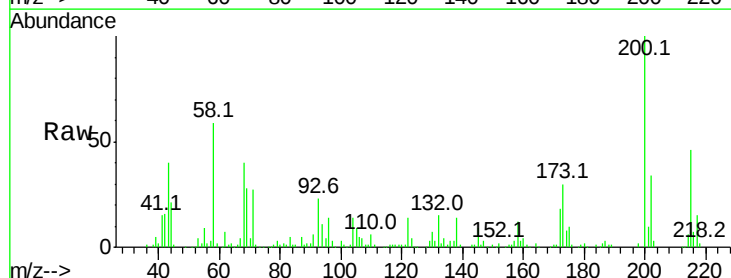
Manual Integrations  
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9/7/2017 5:44:25 PM



#68  
Atrazine  
Concen: 47.423 ng  
RT: 10.93 min Scan# 1503  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 30.4  | 6.3  | 46.3  |       |
| 215     | 46.5  | 27.2 | 67.2  |       |





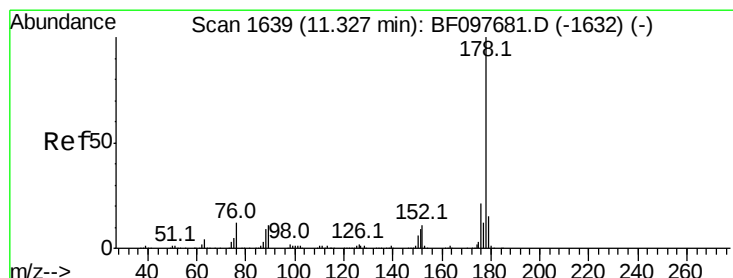
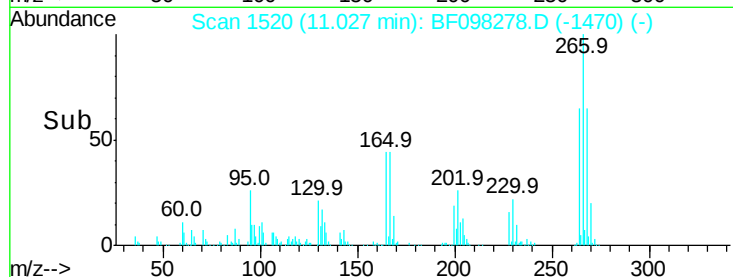
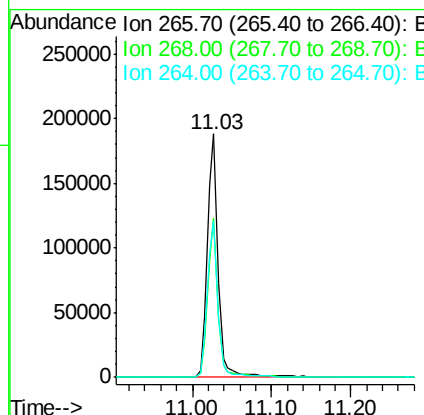
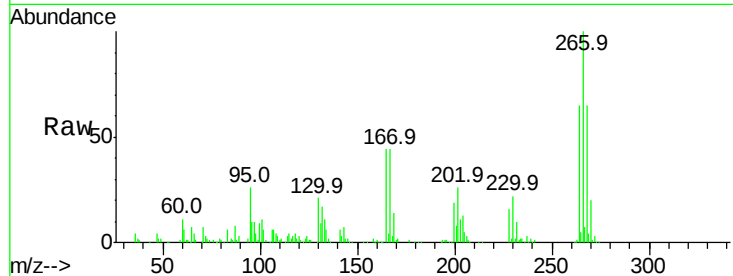
#69  
 Pentachlorophenol  
 Concen: 68.780 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 182640 |       |       |
| 268     | 65.1  | 51.1   | 76.7  |       |
| 264     | 64.5  | 51.7   | 77.5  |       |

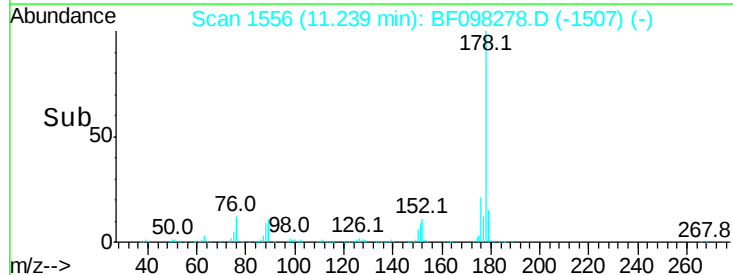
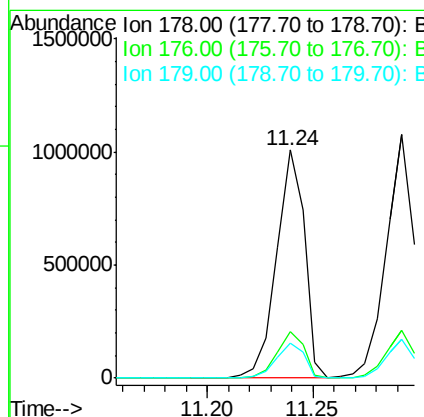
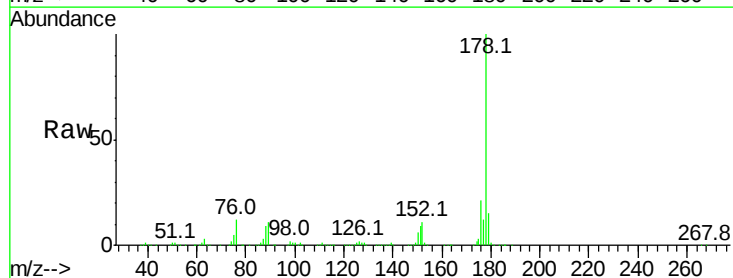
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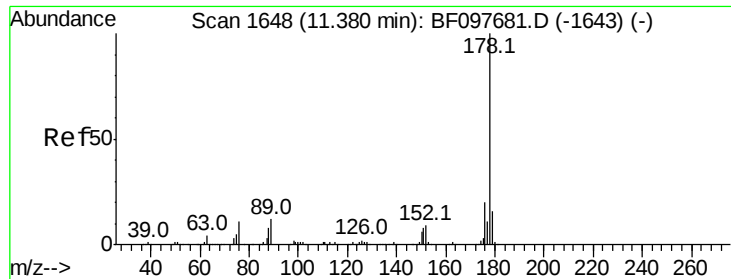
Sohil  
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#70  
 Phenanthrene  
 Concen: 40.851 ng  
 RT: 11.24 min Scan# 1556  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 936664 |       |       |
| 176     | 20.5  | 16.2   | 24.4  |       |
| 179     | 15.5  | 12.6   | 19.0  |       |





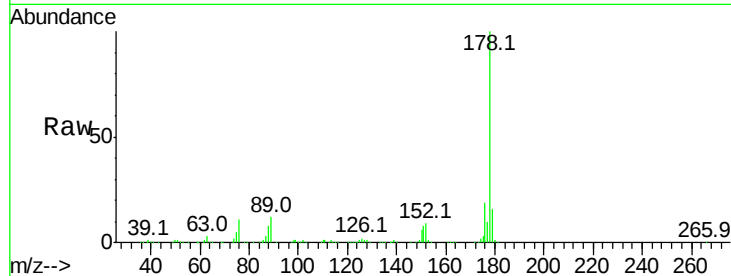
#71  
 Anthracene  
 Concen: 41.921 ng  
 RT: 11.29 min Scan# 1565  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB102073BS

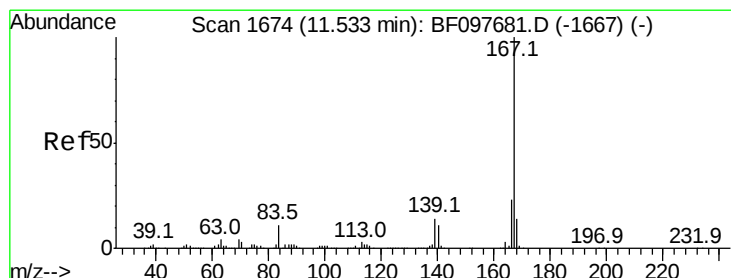
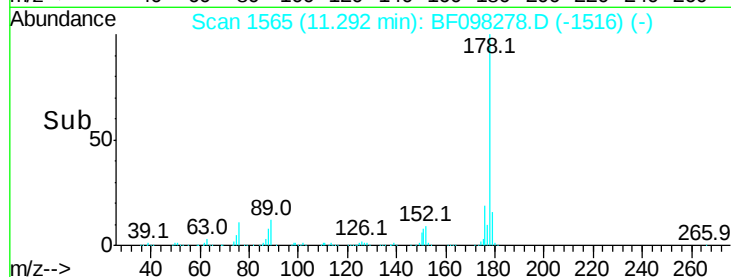
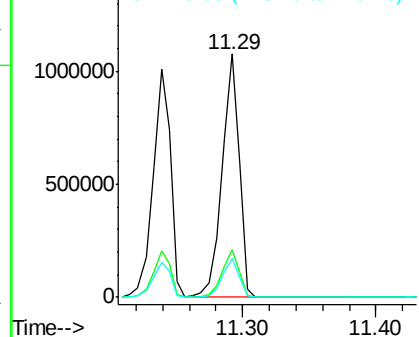
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.8  | 23.8  |
| 179     | 15.7  | 12.7  | 19.1  |

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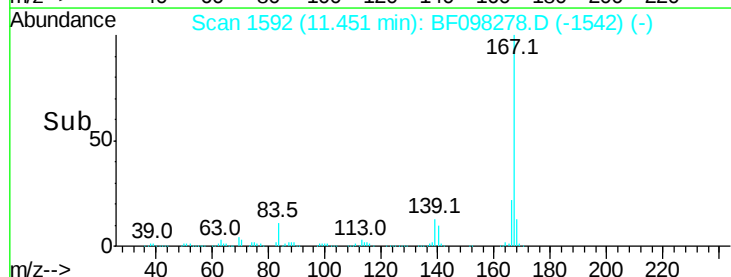
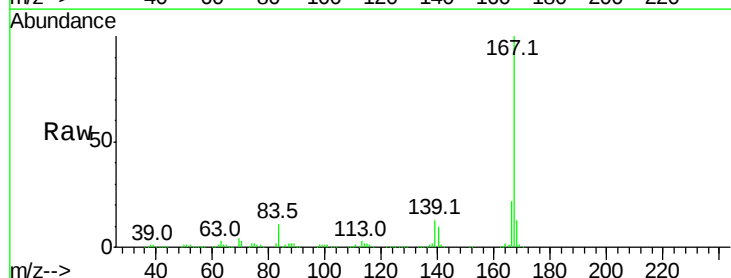
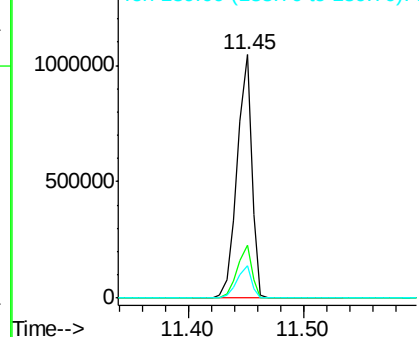
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E



#72  
 Carbazole  
 Concen: 42.019 ng  
 RT: 11.45 min Scan# 1592  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 18.1  | 27.1  |
| 139     | 13.3  | 11.7  | 17.5  |

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





#73

Di-n-butylphthalate

Concen: 45.118 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

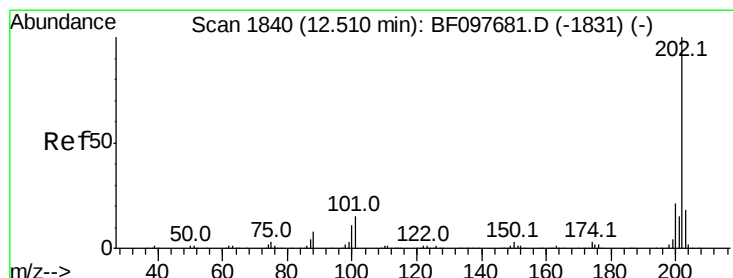
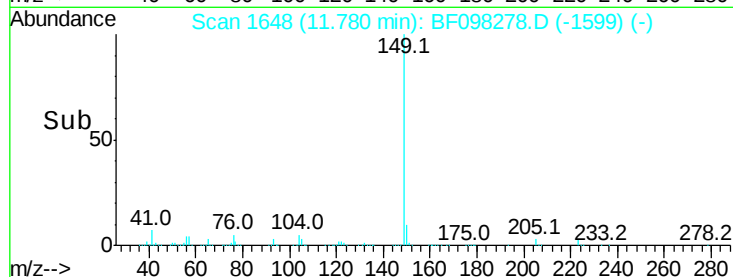
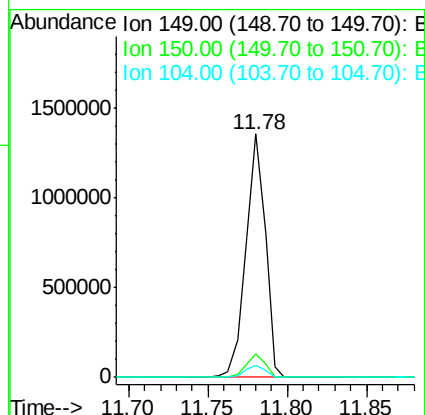
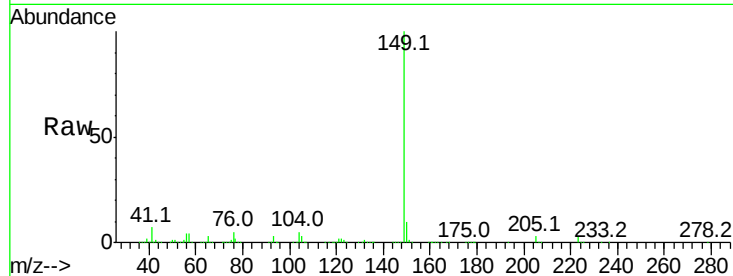
ClientSampleId :

PB102073BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 149   | Resp: | 1147207 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.6   | 7.7   | 11.5    |
| 104       | 5.1   | 4.0   | 6.0     |

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#74

Fluoranthene

Concen: 42.589 ng

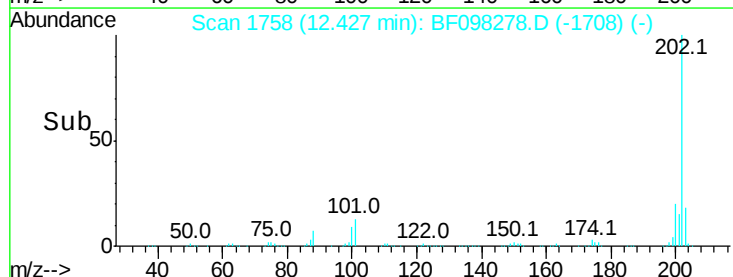
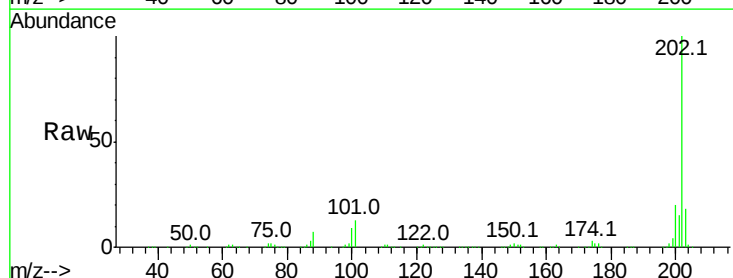
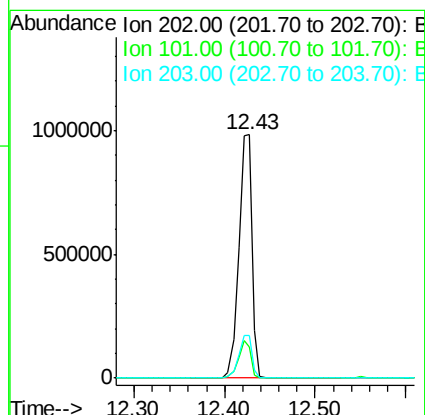
RT: 12.43 min Scan# 1758

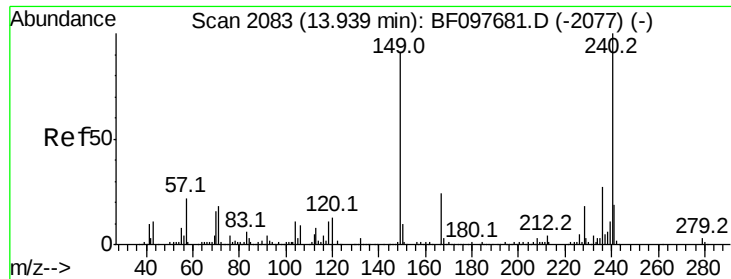
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1019256 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.9  | 0.0   | 33.2    |
| 203       | 17.6  | 0.0   | 38.1    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

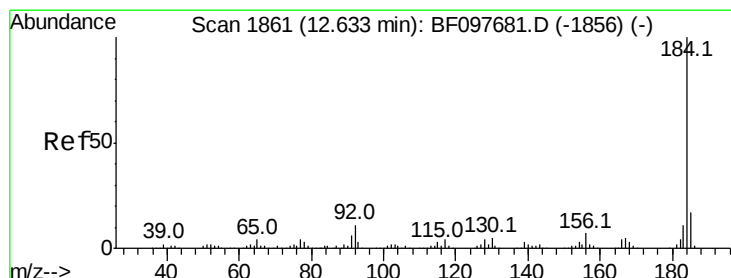
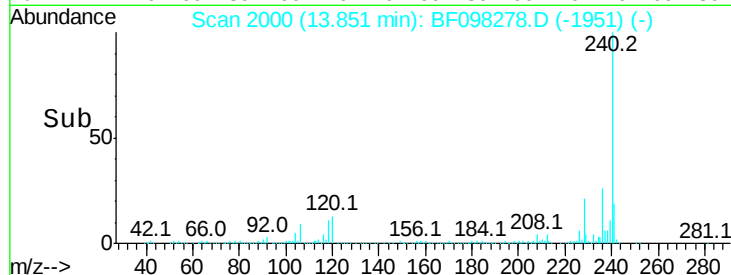
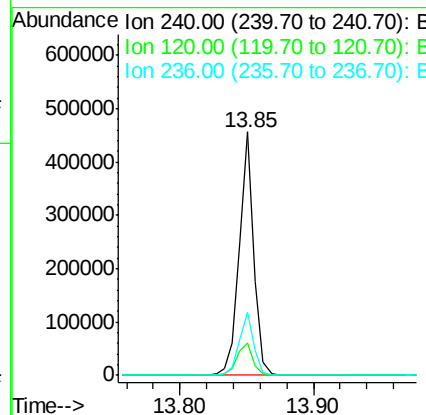
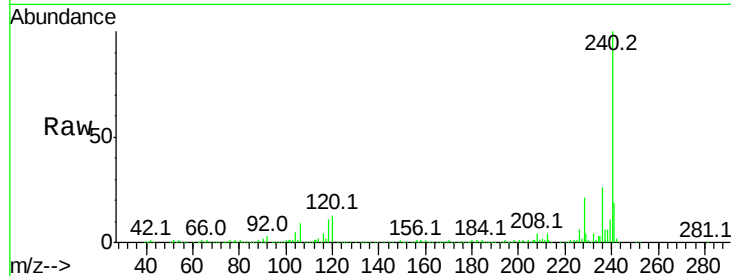
ClientSampleId :

PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.2  | 5.8   | 8.8#  |
| 236     | 25.9  | 20.5  | 30.7  |

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#76

Benzidine

Concen: 48.033 ng

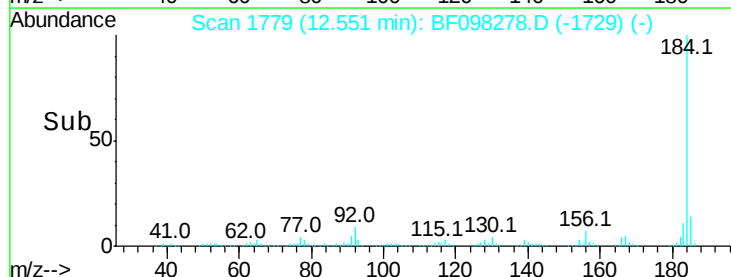
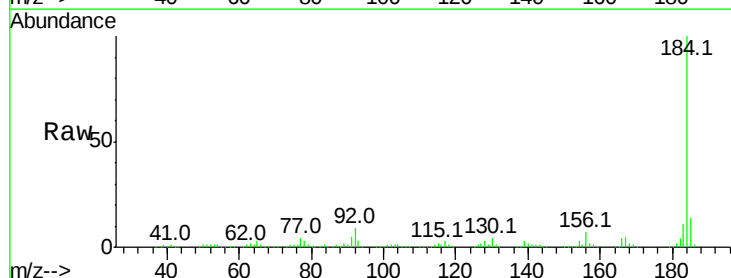
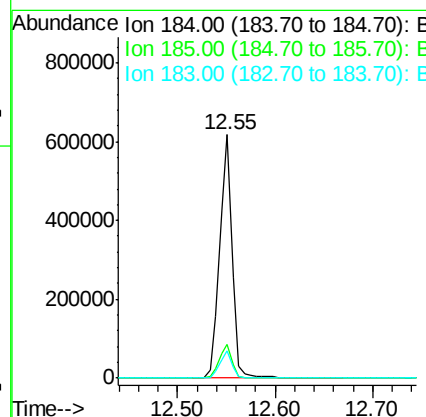
RT: 12.55 min Scan# 1779

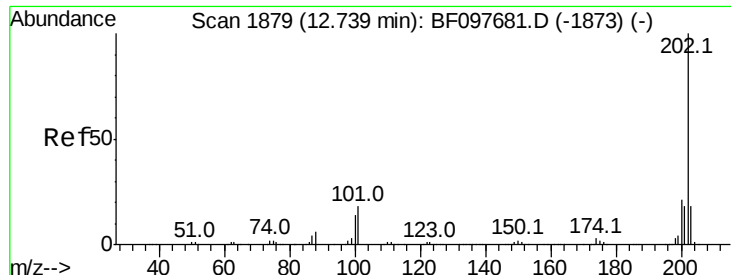
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.1  | 15.5  | 23.3# |
| 183     | 11.3  | 9.8   | 14.6  |





#77

Pvrene

Concen: 36.760 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

ClientSampled :

PB102073BS

Tot Ion:202 Resp: 1052596

Ion Ratio Lower Upper

202 100

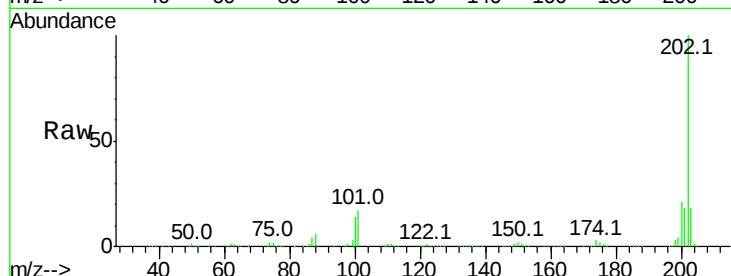
200 21.2 17.6 26.4

203 18.3 14.4 21.6

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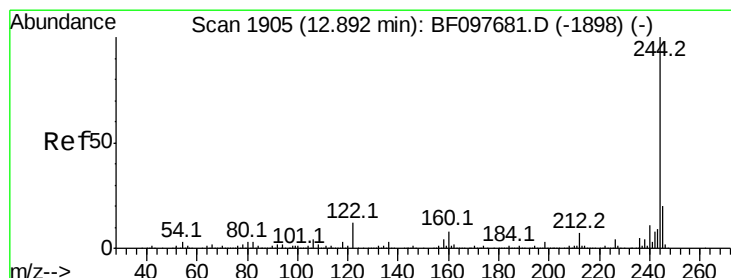
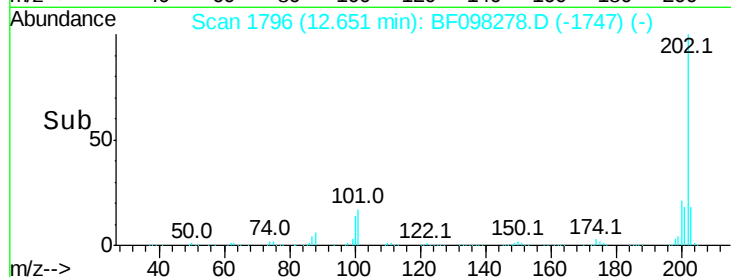
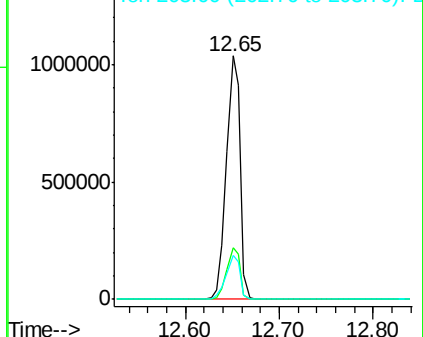
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.679 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

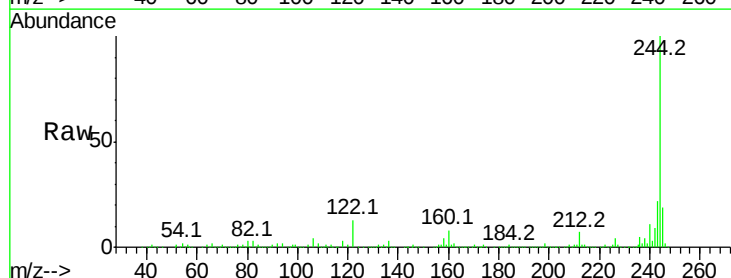
Tgt Ion:244 Resp: 1153039

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

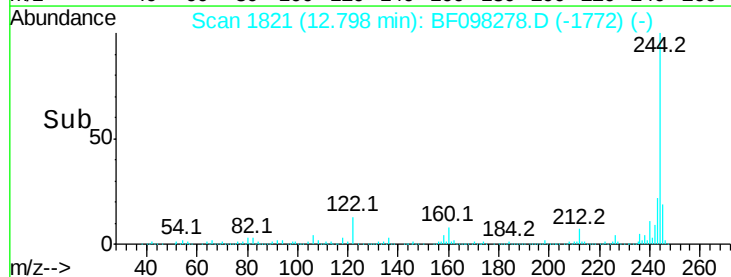
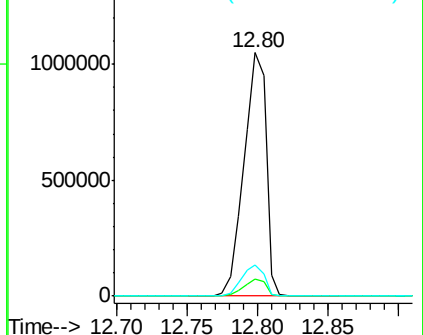
122 12.7 10.3 15.5

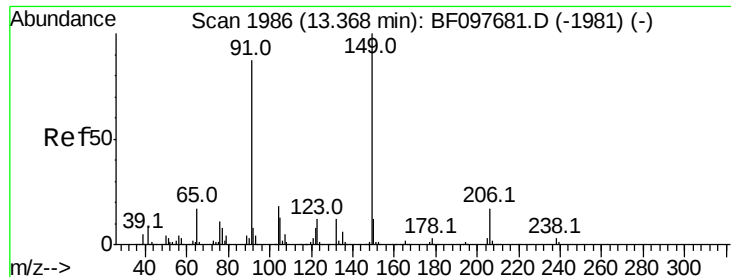


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.926 ng

RT: 13.27 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

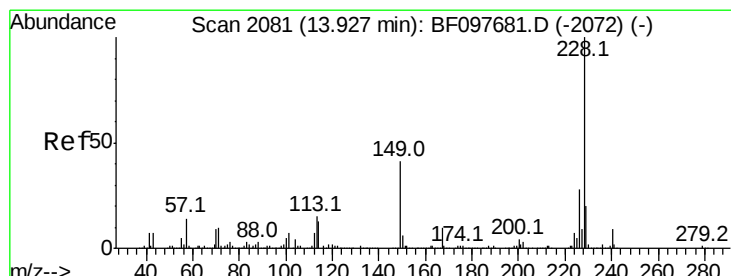
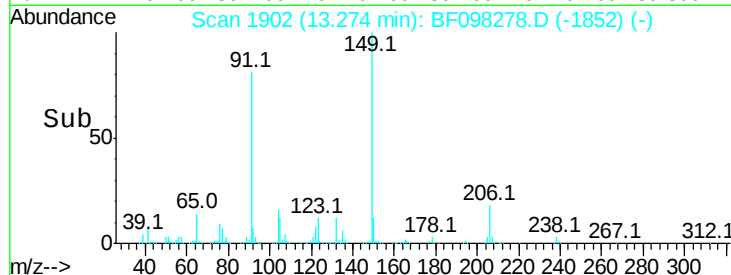
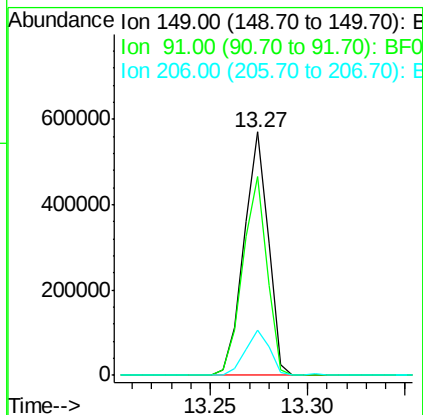
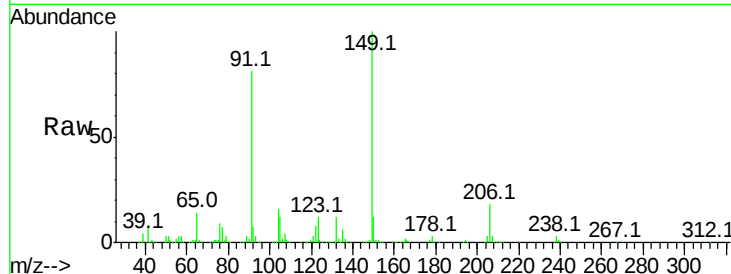
ClientSampleId :

PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 493215 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 81.4  | 45.0  | 67.4#  |
| 206       | 18.3  | 17.0  | 25.6   |

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#80

Benzo(a)anthracene

Concen: 38.512 ng

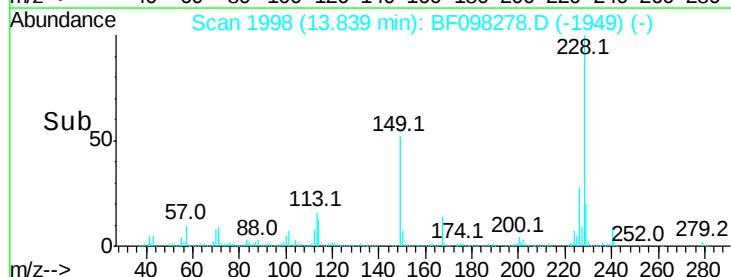
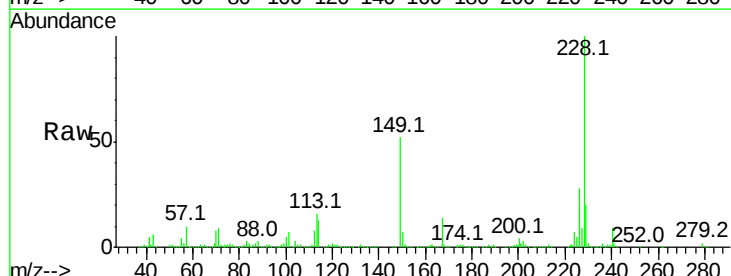
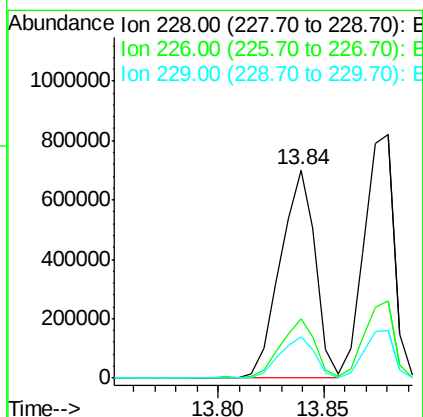
RT: 13.84 min Scan# 1998

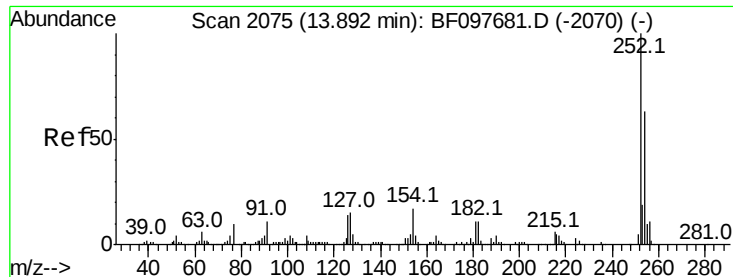
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 808098 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.3  | 22.6  | 33.8   |
| 229       | 19.8  | 16.3  | 24.5   |





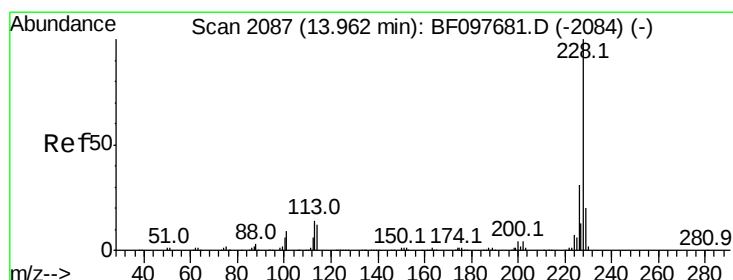
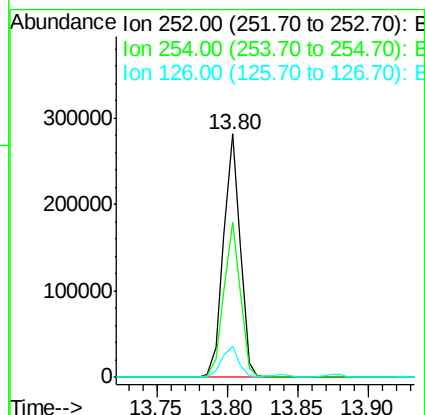
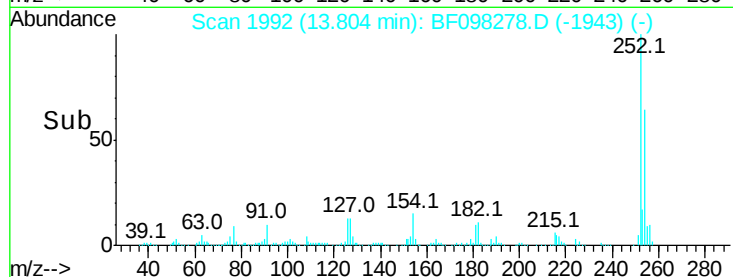
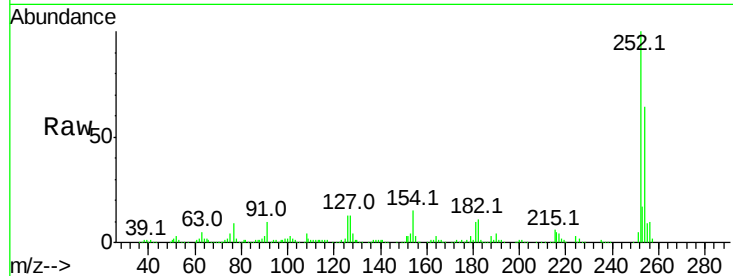
#81  
 3,3'-Dichlorobenzidine  
 Concen: 32.781 ng  
 RT: 13.80 min Scan# 1992  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.6  | 51.5       | 77.3  |
| 126     | 12.9  | 15.8       | 23.8  |

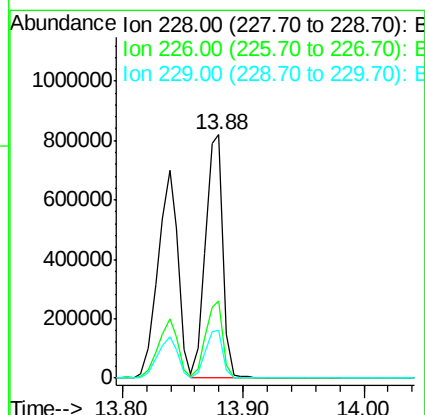
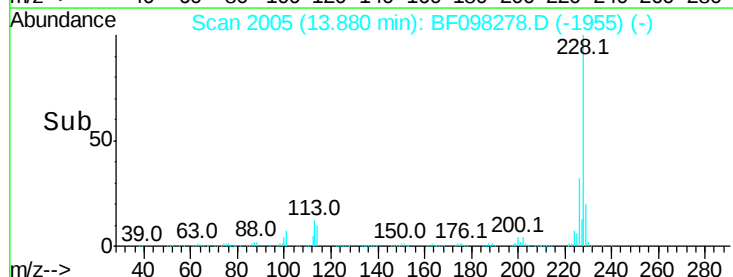
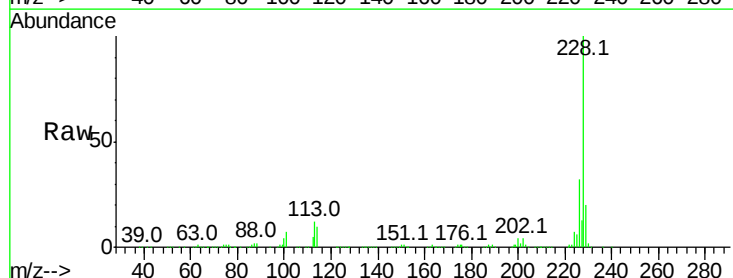
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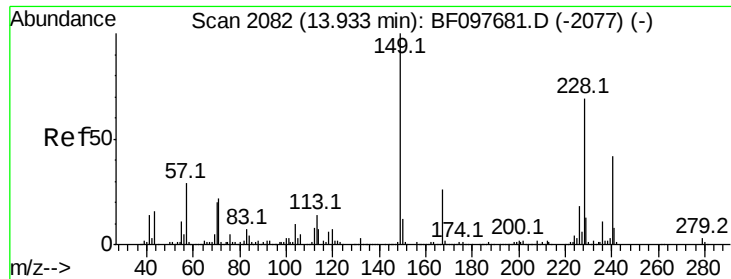
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#82  
 Chrysene  
 Concen: 39.016 ng  
 RT: 13.88 min Scan# 2005  
 Delta R.T. -0.01 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.9  | 24.9       | 37.3  |
| 229     | 19.7  | 15.8       | 23.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.942 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

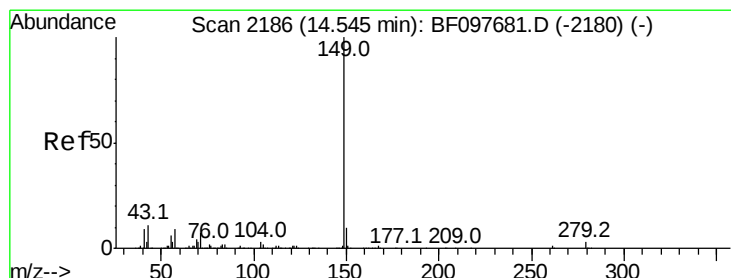
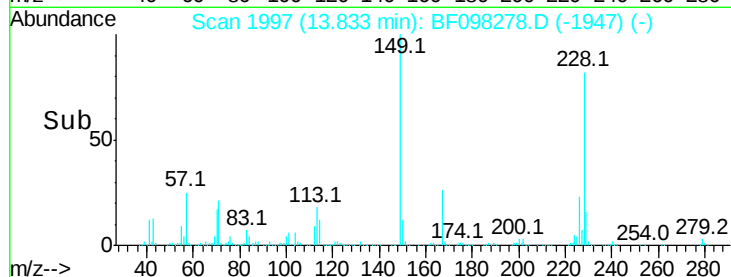
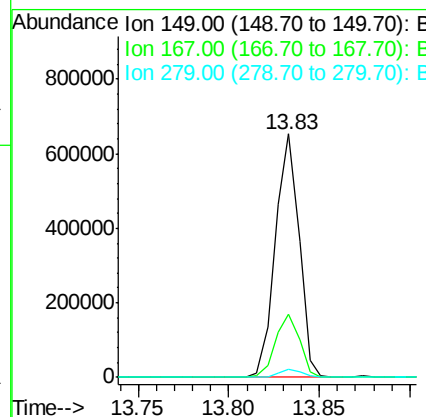
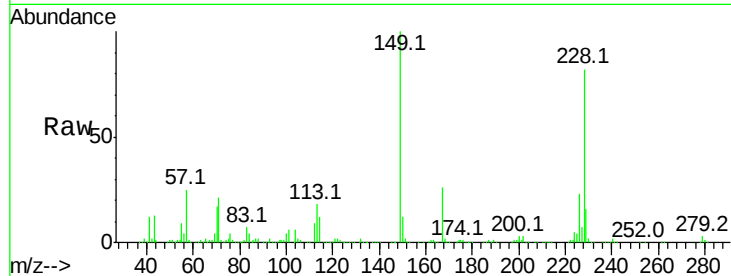
ClientSampleId :

PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 595396 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.1  | 21.0  | 31.4   |
| 279       | 3.3   | 1.9   | 2.9#   |

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#84

Di-n-octyl phthalate

Concen: 53.495 ng

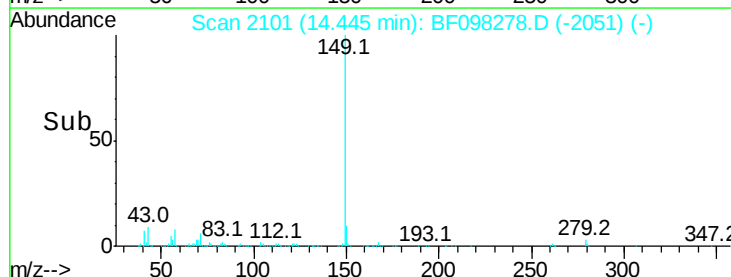
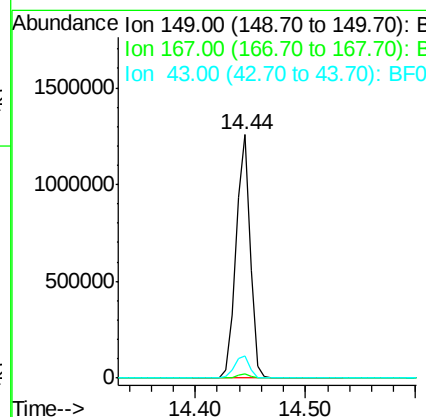
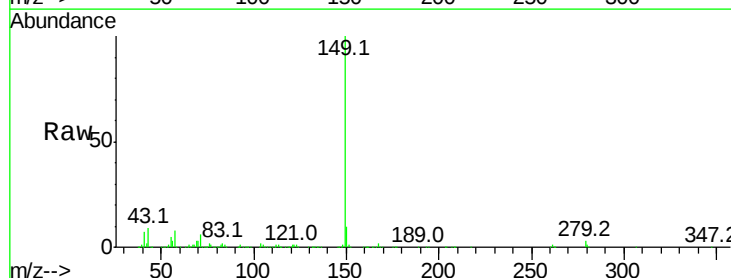
RT: 14.44 min Scan# 2101

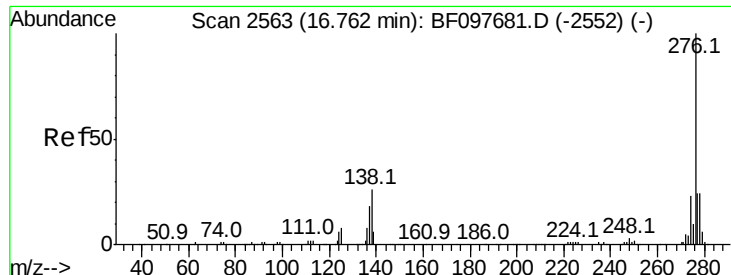
Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1132344 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.5   | 1.2   | 1.8     |
| 43        | 9.4   | 8.5   | 12.7    |





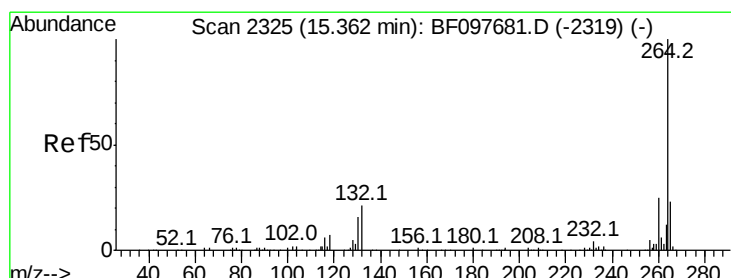
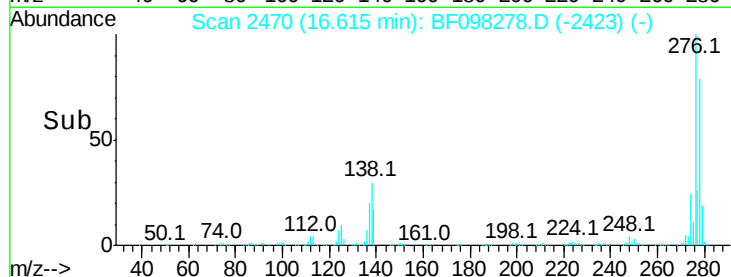
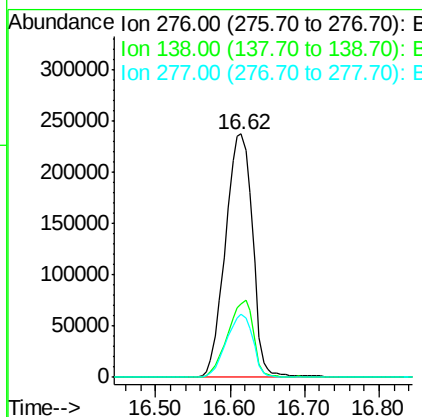
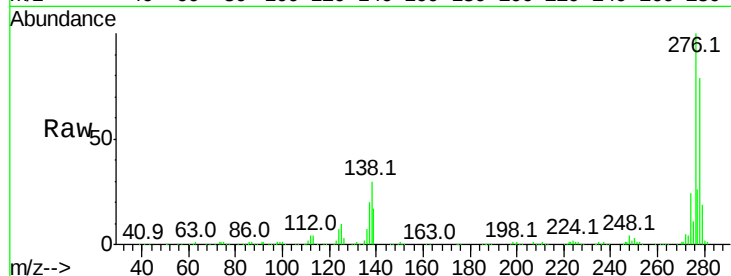
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 39.301 ng  
RT: 16.62 min Scan# 2470  
Delta R.T. -0.02 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.9  | 27.8  | 41.6  |
| 277     | 25.3  | 20.2  | 30.4  |

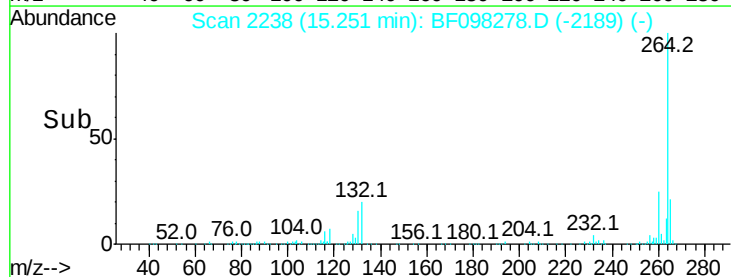
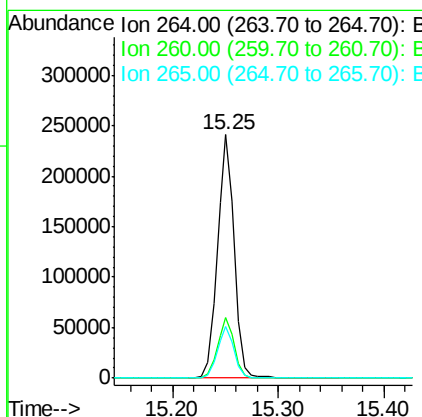
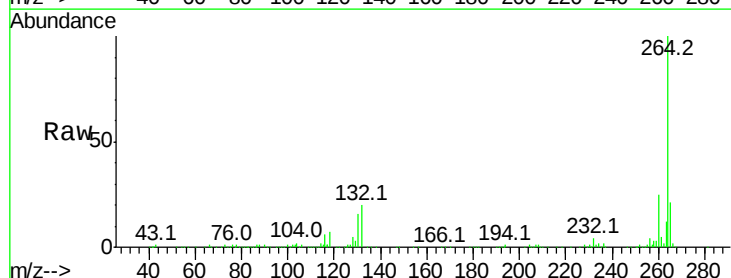
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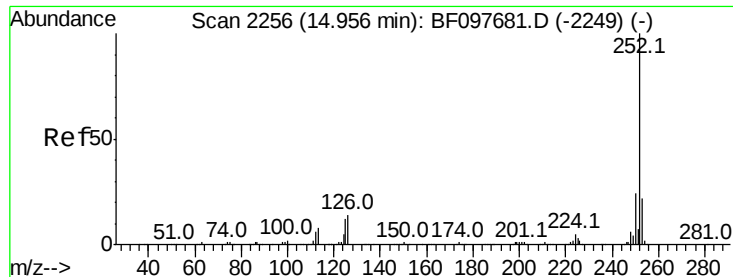
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.25 min Scan# 2238  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.5  | 29.3  |
| 265     | 21.3  | 17.2  | 25.8  |





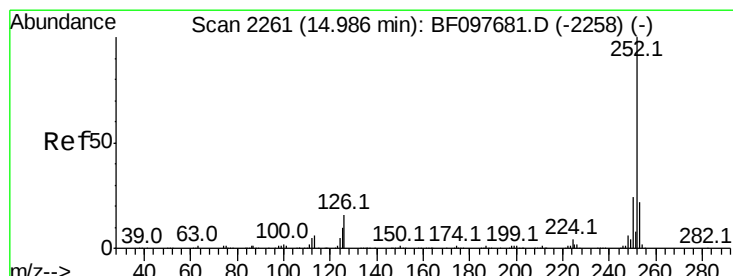
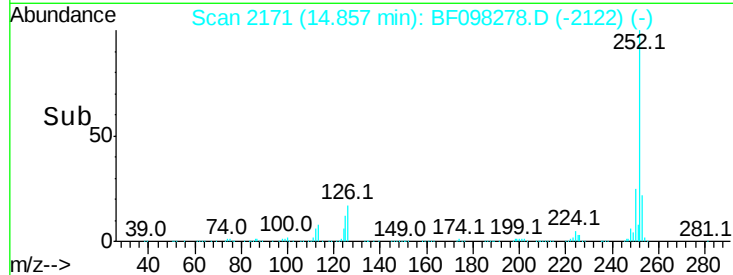
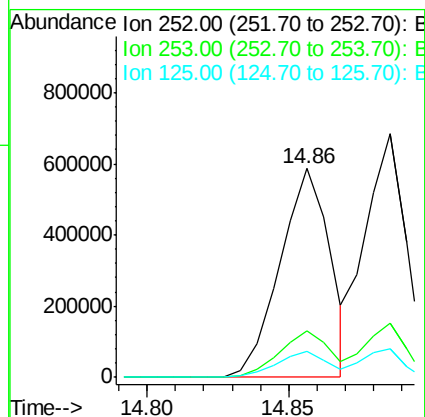
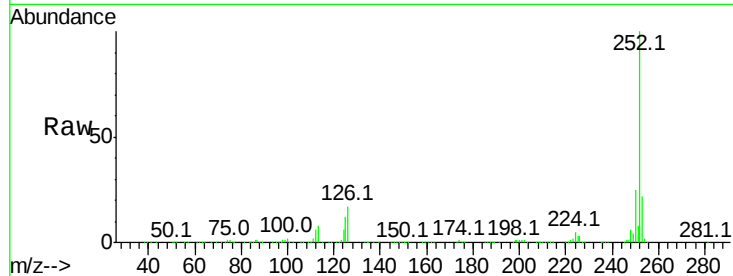
#87  
Benzo(b)fluoranthene  
Concen: 42.564 ng  
RT: 14.86 min Scan# 2171  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB102073BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 719997 |       |       |
| 253     | 22.3  | 18.1   | 27.1  |       |
| 125     | 12.3  | 9.8    | 14.8  |       |

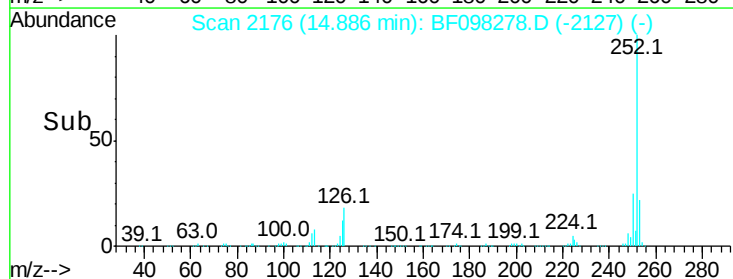
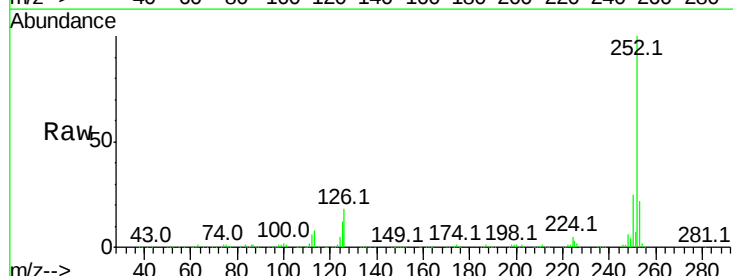
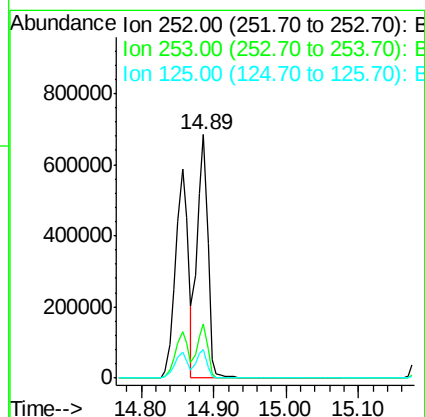
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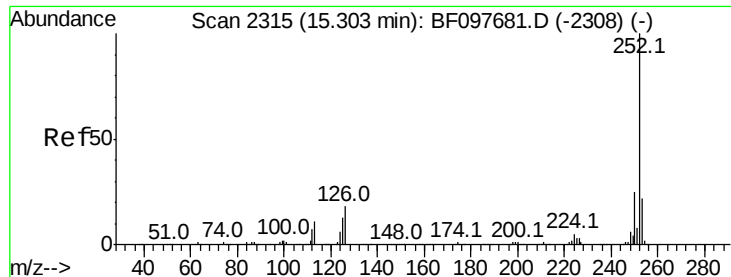
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#88  
Benzo(k)fluoranthene  
Concen: 43.839 ng  
RT: 14.89 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BF098278.D  
Acq: 6 Sep 2017 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 696713 |       |       |
| 253     | 22.1  | 18.4   | 27.6  |       |
| 125     | 11.6  | 13.1   | 19.7  |       |





#89

Benzo(a)pyrene

Concen: 44.151 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

Instrument :

BNA\_F

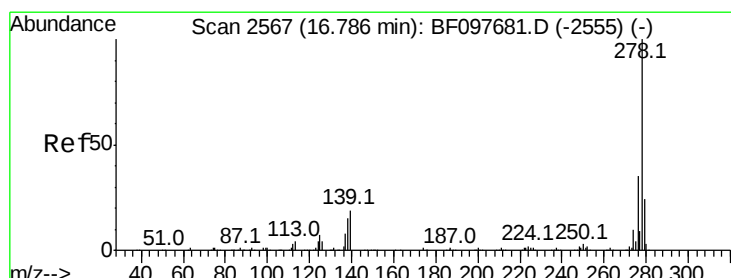
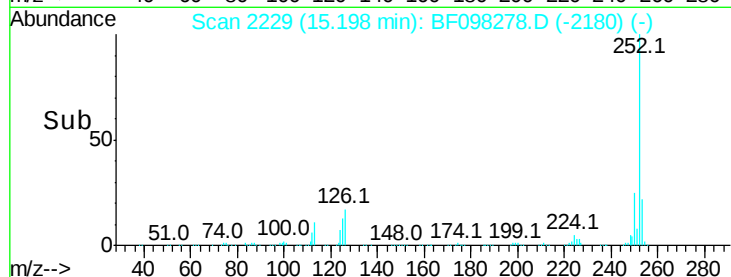
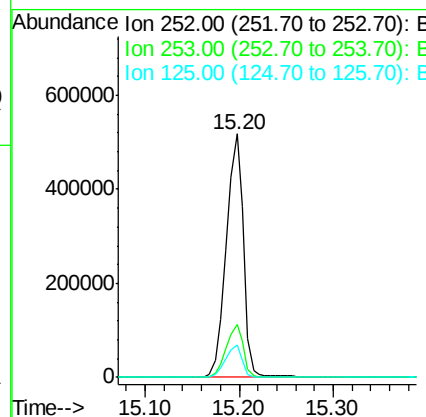
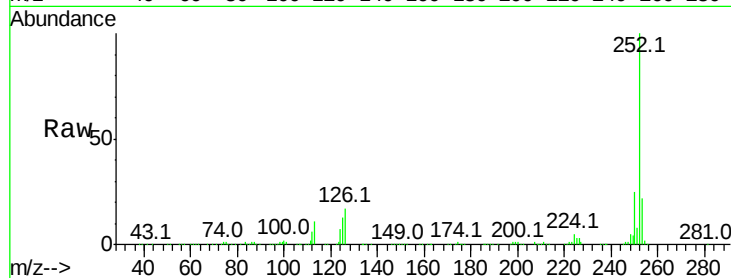
ClientSampleId :

PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 661163 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.5  | 26.3   |
| 125       | 13.2  | 11.0  | 16.4   |

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#90

Dibenzo(a,h)anthracene

Concen: 40.672 ng

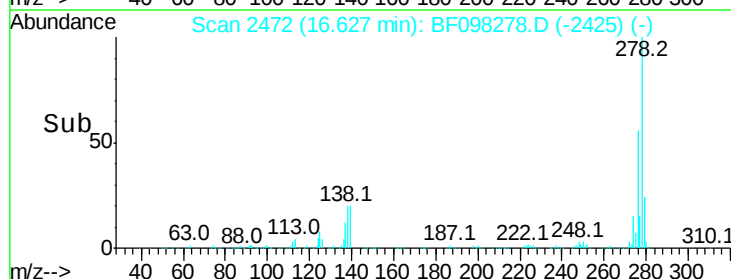
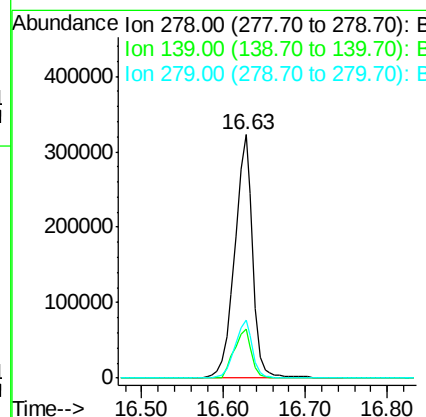
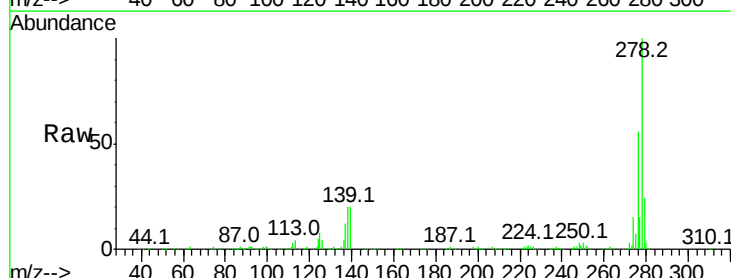
RT: 16.63 min Scan# 2472

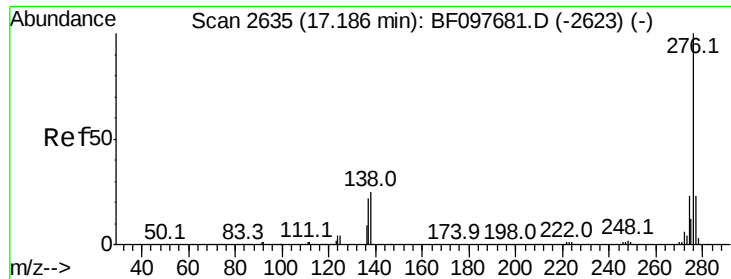
Delta R.T. -0.02 min

Lab File: BF098278.D

Acq: 6 Sep 2017 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 495856 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 19.9  | 16.6  | 24.8   |
| 279       | 23.7  | 19.3  | 28.9   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.438 ng  
 RT: 17.02 min Scan# 2539  
 Delta R.T. -0.03 min  
 Lab File: BF098278.D  
 Acq: 6 Sep 2017 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102073BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 501690 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.4  | 18.6  | 28.0   |
| 138       | 25.9  | 25.4  | 38.0   |

Manual Integrations  
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