

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
 Data File : BF106790.D  
 Acq On : 25 Jun 2018 23:40  
 Operator : JU/SJ  
 Sample : J3626-02MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

Manual Integrations  
 APPROVED

Sohil  
 6/27/2018 10:55:51 AM

Quant Time: Jun 26 04:54:15 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 25 18:50:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 51591    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 181095   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 80185    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 144441   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 122601   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.69 | 264  | 92138    | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 264318 | 86.75 | ng | 0.00 |
| 7) Phenol-d6             | 6.61  | 99  | 370130 | 97.28 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 237740 | 72.96 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 76387  | 82.19 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 413692 | 87.81 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 441785 | 87.29 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.86 | 88  | 42924  | 27.403 | ng | 98     |
| 3) Pyridine                    | 3.64 | 79  | 124588 | 29.328 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.60 | 42  | 50958  | 28.243 | ng | 87     |
| 6) Aniline                     | 6.63 | 93  | 113958 | 22.080 | ng | # 83   |
| 8) 2-Chlorophenol              | 6.76 | 128 | 106042 | 31.733 | ng | 94     |
| 9) Benzaldehyde                | 6.52 | 77  | 54154  | 18.026 | ng | 93     |
| 10) Phenol                     | 6.62 | 94  | 144754 | 33.337 | ng | 78     |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 117102 | 32.667 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.91 | 146 | 134046 | 34.249 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 134613 | 34.019 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.14 | 146 | 125594 | 34.633 | ng | 96     |
| 15) Benzyl Alcohol             | 7.11 | 79  | 99033  | 32.416 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 159895 | 33.997 | ng | 69     |
| 17) 2-Methylphenol             | 7.22 | 107 | 95614  | 33.434 | ng | # 91   |
| 18) Hexachloroethane           | 7.47 | 117 | 34258  | 24.619 | ng | # 82   |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 74632  | 29.758 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 117956 | 36.178 | ng | # 84   |
| 22) Acetophenone               | 7.37 | 105 | 150142 | 37.058 | ng | # 97   |
| 24) Nitrobenzene               | 7.55 | 77  | 116896 | 35.136 | ng | 99     |
| 25) Isophorone                 | 7.78 | 82  | 211439 | 36.822 | ng | 99     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 40990  | 26.099 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 100458 | 41.383 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 138863 | 36.017 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 87460  | 34.413 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 110408 | 39.435 | ng | 95     |
| 31) Naphthalene                | 8.27 | 128 | 368928 | 43.574 | ng | 99     |
| 33) 4-Chloroaniline            | 8.32 | 127 | 85280  | 24.005 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.38 | 225 | 73284  | 40.171 | ng | 99     |
| 35) Caprolactam                | 8.67 | 113 | 27583  | 33.295 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 93484  | 34.947 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 270668 | 48.231 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 111522 | 41.299 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 3078   | 2.215  | ng | 98     |
| 42) 2,4,6-Trichlorophenol      | 9.24 | 196 | 26152  | 14.569 | ng | 94     |

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 ALS Vial : 20 Sample Multiplier: 1

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Manual Integrations  
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 QLast Update : Mon Jun 25 18:50:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 46266    | 24.701  | ng    | 90       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 276902   | 43.331  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 180268   | 35.838  | ng    | 94       |
| 47) 2-Nitroaniline             | 9.55  | 65   | 58786    | 34.754  | ng    | 97       |
| 48) Acenaphthylene             | 9.87  | 152  | 285244   | 35.918  | ng    | 100      |
| 49) Dimethylphthalate          | 9.72  | 163  | 262166   | 43.593  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 42907    | 33.693  | ng    | 86       |
| 51) Acenaphthene               | 10.04 | 154  | 283241   | 56.638  | ng    | 98       |
| 52) 3-Nitroaniline             | 9.97  | 138  | 50708    | 34.603  | ng    | 91       |
| 54) Dibenzofuran               | 10.21 | 168  | 397976   | 58.118  | ng    | 96       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 10348    | 10.116  | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 49639    | 29.863  | ng #  | 86       |
| 57) Fluorene                   | 10.56 | 166  | 313182   | 57.635  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 13824    | 9.285   | ng #  | 60       |
| 59) Diethylphthalate           | 10.41 | 149  | 196442   | 33.843  | ng #  | 94       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 102410   | 36.020  | ng #  | 85       |
| 61) 4-Nitroaniline             | 10.58 | 138  | 53451    | 36.752  | ng    | 94       |
| 62) Azobenzene                 | 10.70 | 77   | 171939   | 30.080  | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 168556   | 34.694  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 67033    | 38.886  | ng #  | 77       |
| 67) Hexachlorobenzene          | 11.11 | 284  | 67269    | 37.284  | ng #  | 83       |
| 68) Atrazine                   | 11.19 | 200  | 57640    | 37.320  | ng    | 95       |
| 69) Pentachlorophenol          | 11.31 | 266  | 3215     | 3.571   | ng    | 92       |
| 70) Phenanthrene               | 11.54 | 178  | 944443   | 135.566 | ng    | 98       |
| 71) Anthracene                 | 11.58 | 178  | 404291   | 56.855  | ng    | 100      |
| 72) Carbazole                  | 11.73 | 167  | 293321   | 44.058  | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 283482   | 36.144  | ng    | 99       |
| 74) Fluoranthene               | 12.72 | 202  | 865028   | 112.653 | ng    | 96       |
| 76) Benzidine                  | 12.84 | 184  | 164580   | 47.135  | ng    | 98       |
| 77) Pyrene                     | 12.96 | 202  | 718813   | 88.910  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 119299   | 35.890  | ng #  | 98       |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 389982   | 52.191  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 89434    | 34.055  | ng #  | 95       |
| 82) Chrysene                   | 14.18 | 228  | 358467   | 52.146  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 158307   | 37.252  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 273498   | 39.482  | ng #  | 94       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.28 | 276  | 208799   | 35.791  | ng #  | 89       |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 269920m  | 47.159  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 215955m  | 39.621  | ng    |          |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 218473   | 42.938  | ng #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 162726   | 37.737  | ng #  | 93       |
| 91) Benzo(g,h,i)perylene       | 17.75 | 276  | 174417   | 41.383  | ng #  | 90       |

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

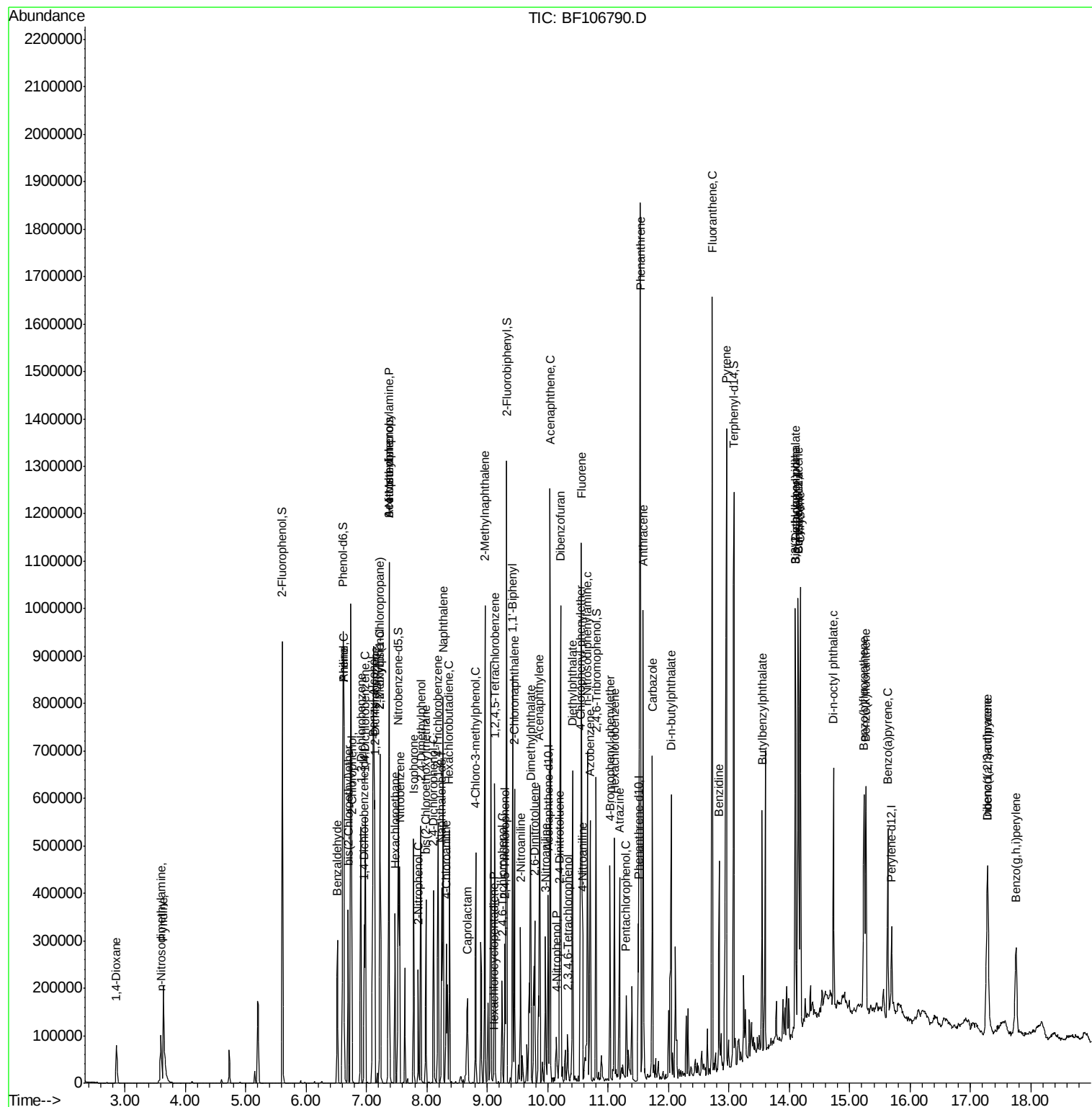
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\  
Data File : BF106790.D  
Acq On : 25 Jun 2018 23:40  
Operator : JU/SJ  
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Misc :  
ALS Vial : 20 Sample Multiplier: 1

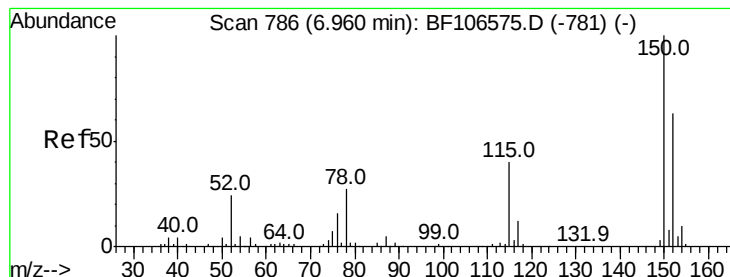
Instrument :  
BNA\_F  
ClientSampled :  
A-1MS

Manual Integrations  
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QLast Update : Mon Jun 25 18:50:17 2018  
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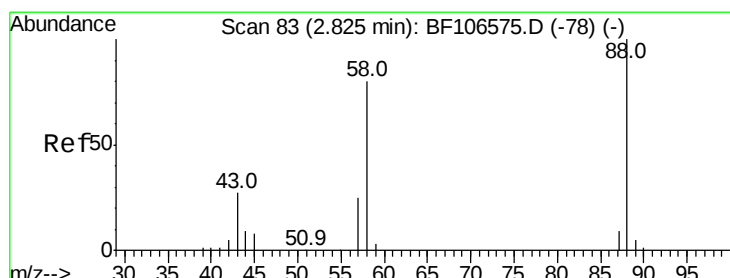
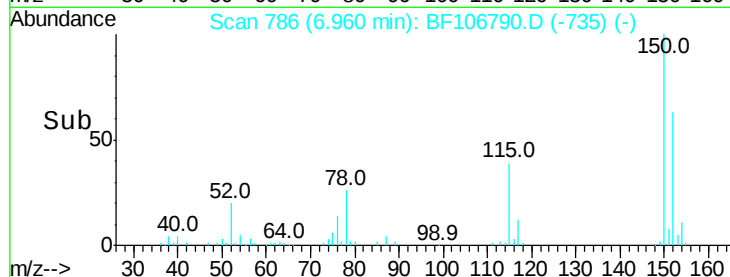
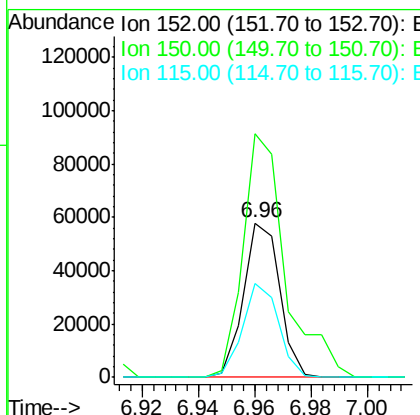
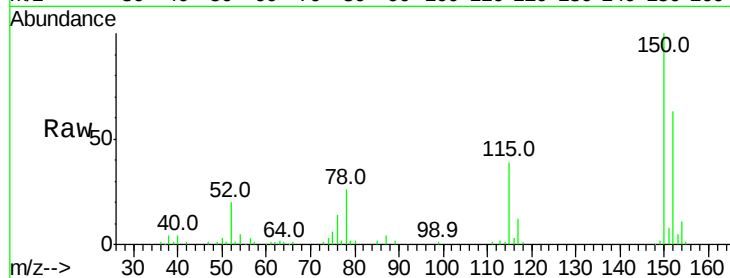
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.96 min Scan# 786  
 Delta R.T. -0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.0 | 124.6 | 186.8 |
| 115     | 61.0  | 50.1  | 75.1  |

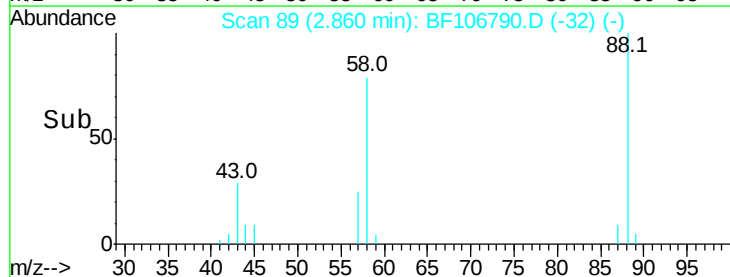
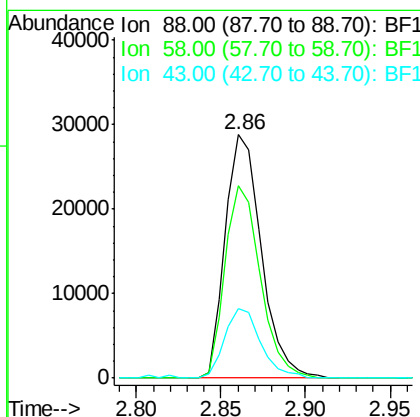
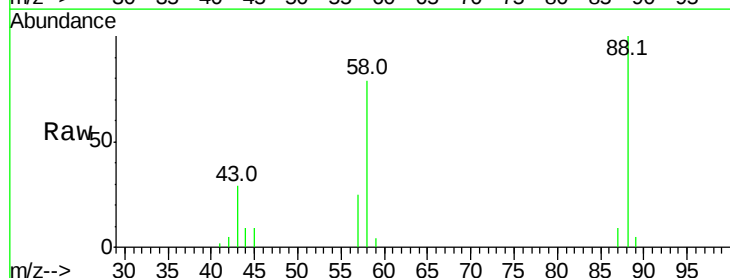
Manual Integrations  
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#2  
 1,4-Dioxane  
 Concen: 27.403 ng  
 RT: 2.86 min Scan# 89  
 Delta R.T. 0.04 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.1  | 62.6  | 93.8  |
| 43      | 28.5  | 24.6  | 37.0  |





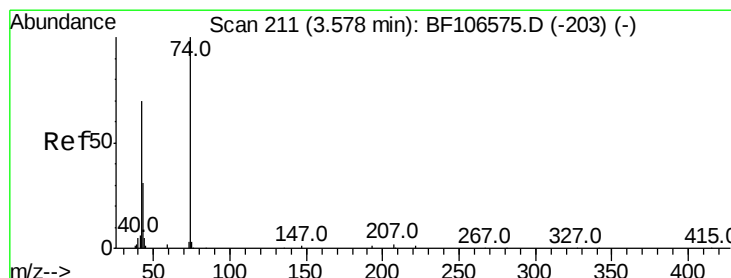
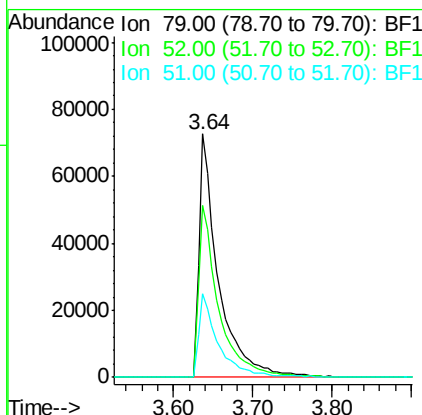
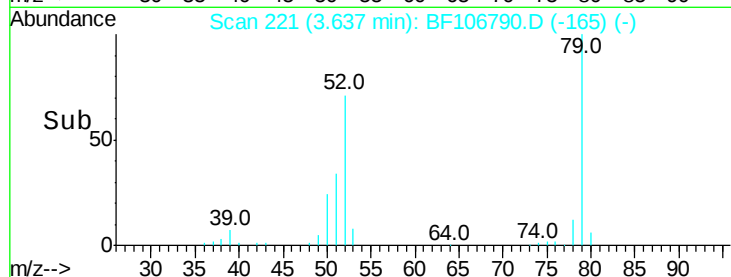
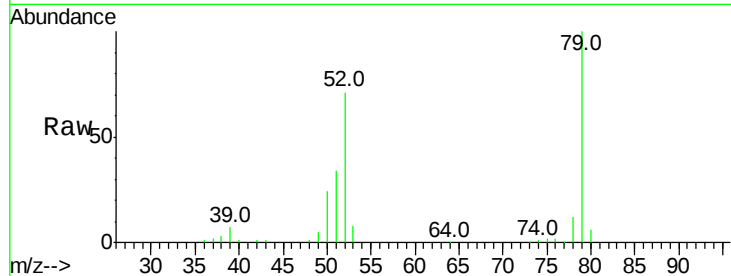
#3  
 Pvridine  
 Concen: 29.328 ng  
 RT: 3.64 min Scan# 221  
 Delta R.T. 0.03 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 70.5  | 59.8  | 89.6  |
| 51      | 34.4  | 29.8  | 44.8  |

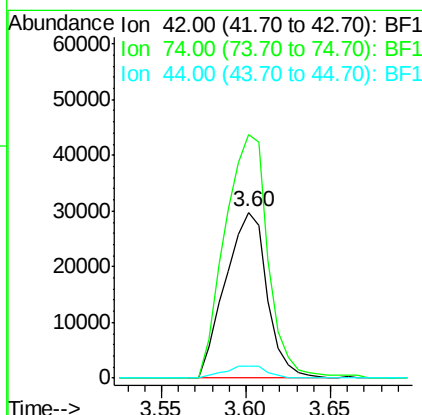
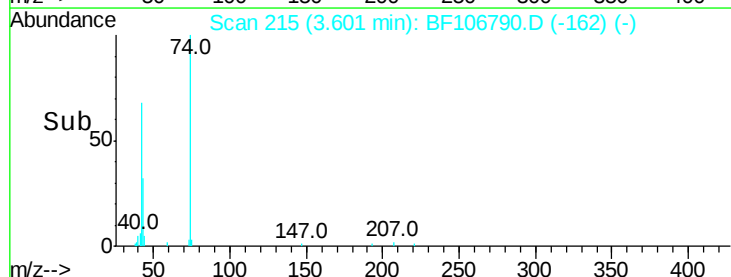
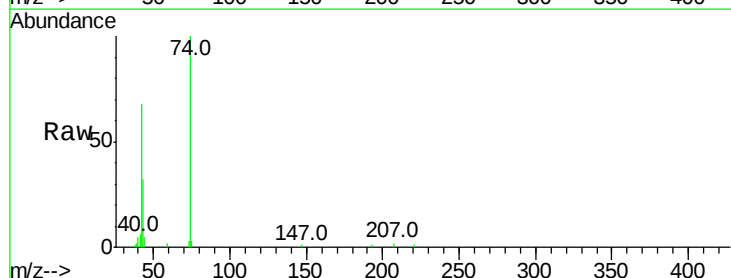
Manual Integrations  
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 6/27/2018 10:55:51 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 28.243 ng  
 RT: 3.60 min Scan# 215  
 Delta R.T. 0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 147.1 | 104.9 | 157.3 |
| 44      | 7.0   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 86.754 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

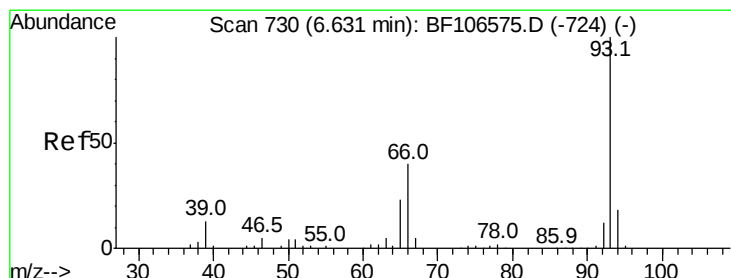
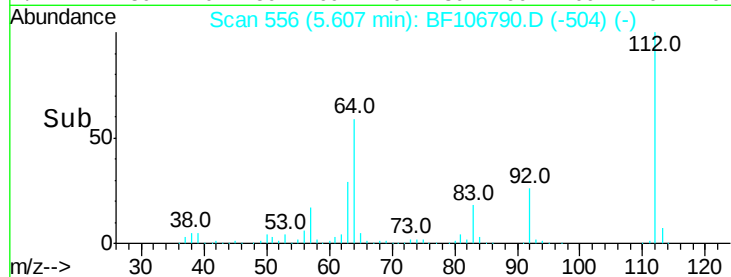
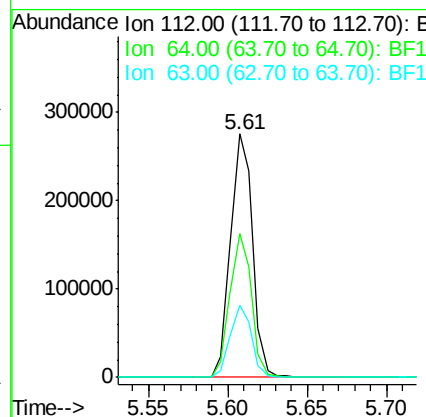
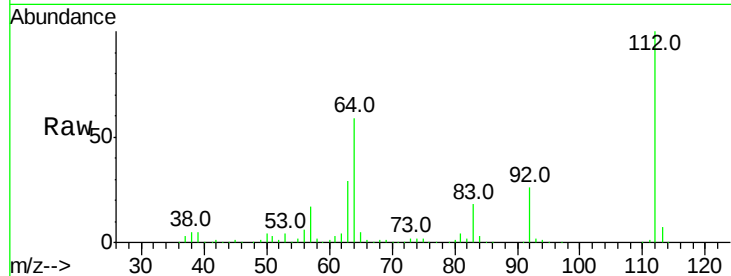
ClientSampled :

A-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 264318 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.9  | 47.9  | 71.9   |
| 63        | 29.5  | 23.7  | 35.5   |

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#6

Aniline

Concen: 22.080 ng

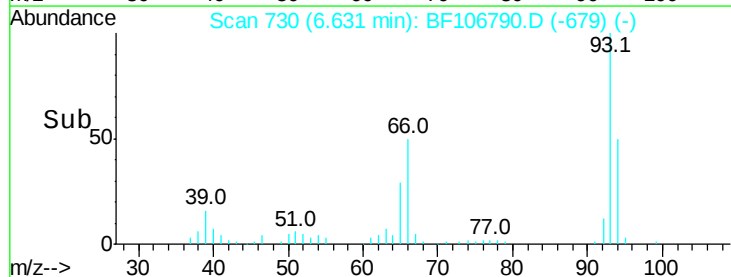
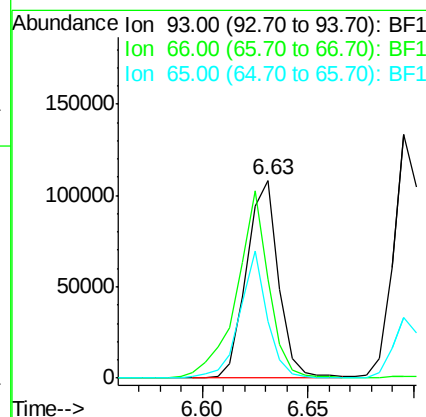
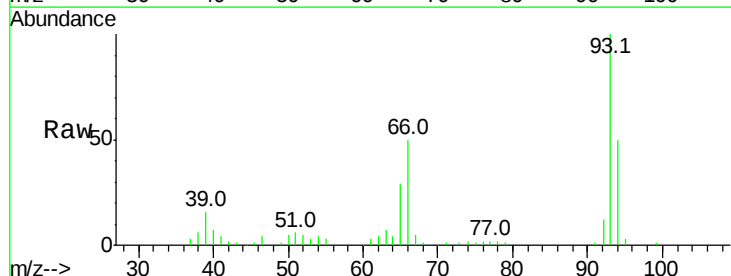
RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 113958 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 50.3  | 32.2  | 48.2#  |
| 65        | 28.7  | 16.4  | 24.6#  |





#7

Phenol-d6

Concen: 97.280 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

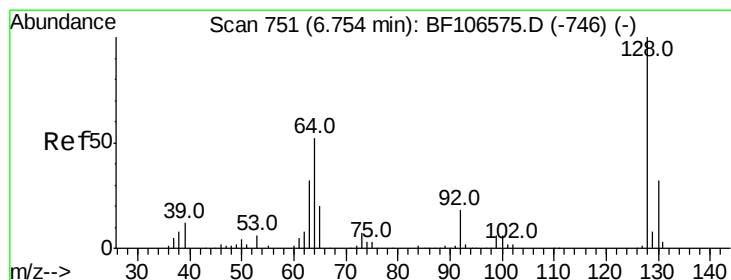
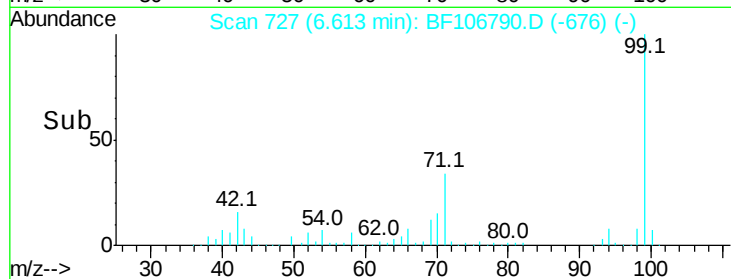
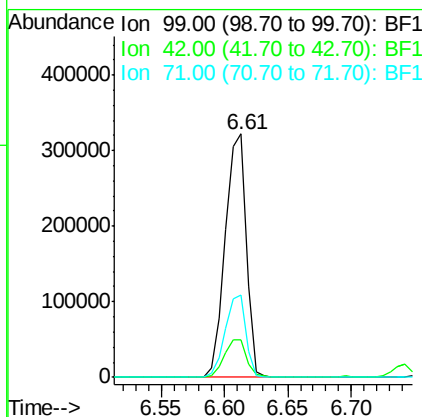
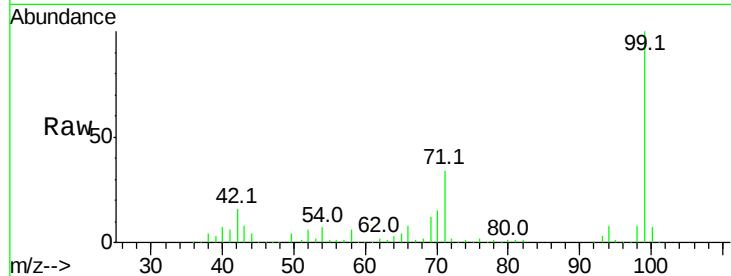
ClientSampled :

A-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 370130 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.6  | 14.5  | 21.7   |
| 71        | 33.7  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 31.733 ng

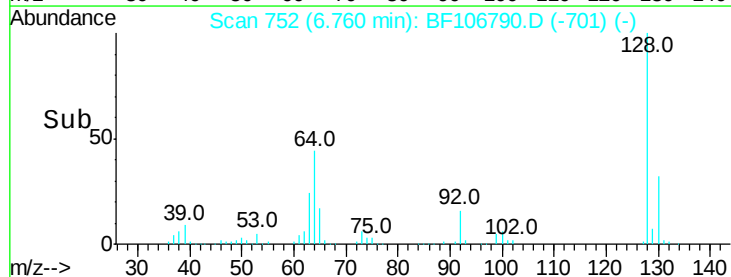
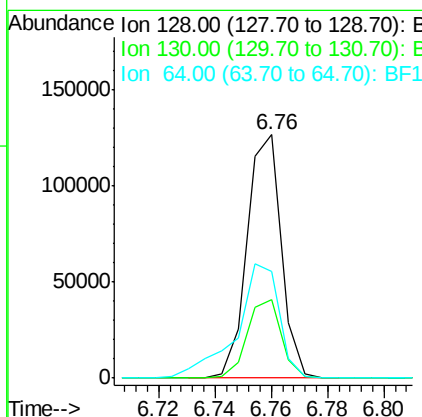
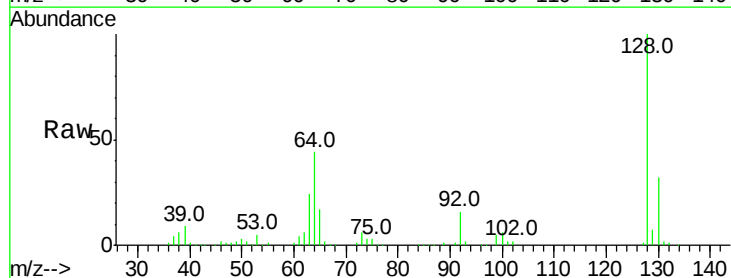
RT: 6.76 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 106042 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.4  | 13.0  | 53.0   |
| 64        | 43.6  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 18.026 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

ClientSampleId :

A-1MS

Tot Ion: 77 Resp: 54154

Ion Ratio Lower Upper

77 100

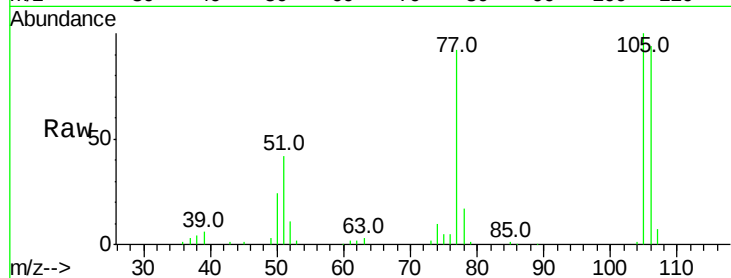
105 108.2 81.1 121.1

106 101.5 74.5 114.5

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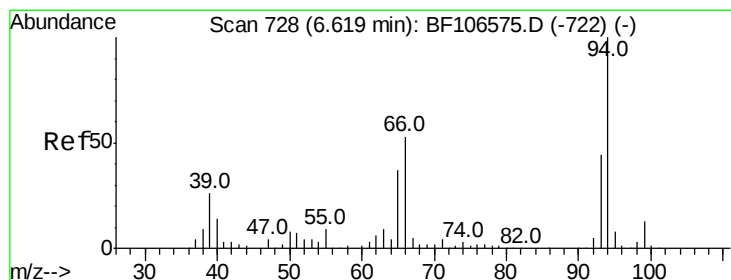
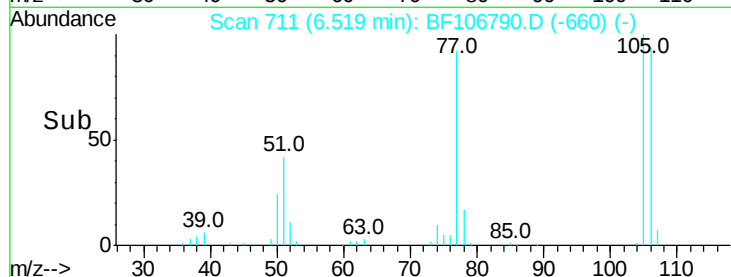
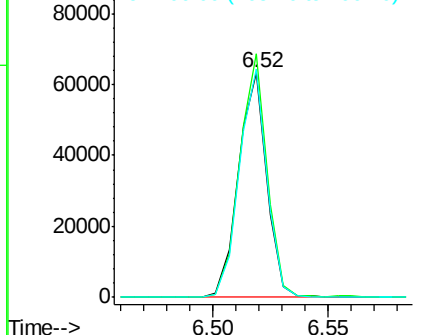
6/27/2018 10:55:51 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.337 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

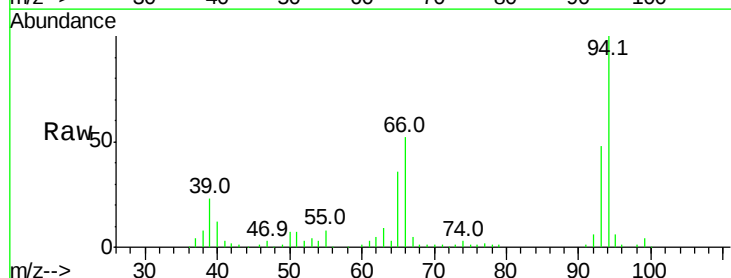
Tgt Ion: 94 Resp: 144754

Ion Ratio Lower Upper

94 100

65 35.6 7.9 47.9

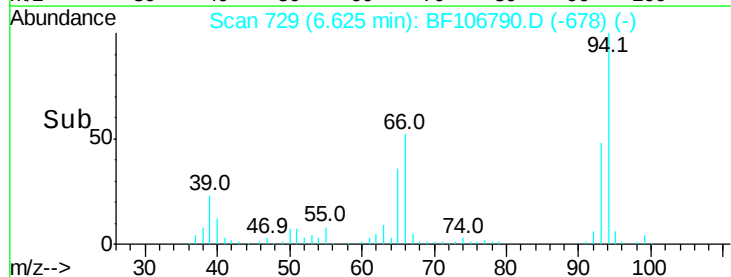
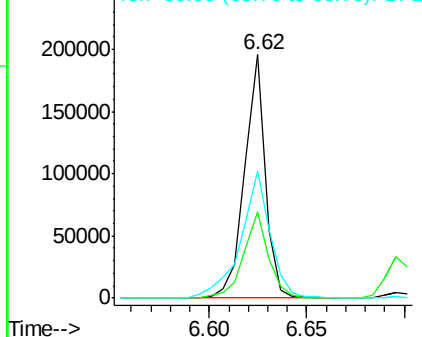
66 52.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.667 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

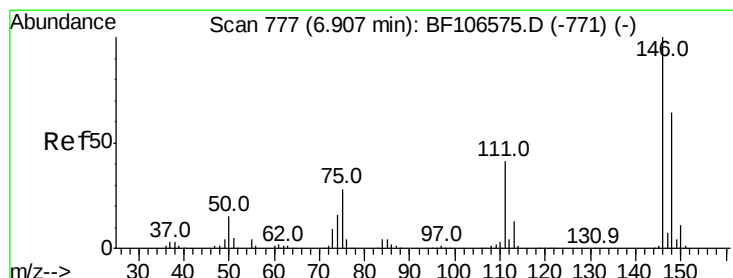
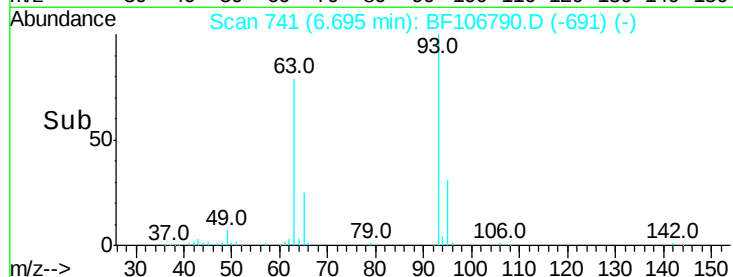
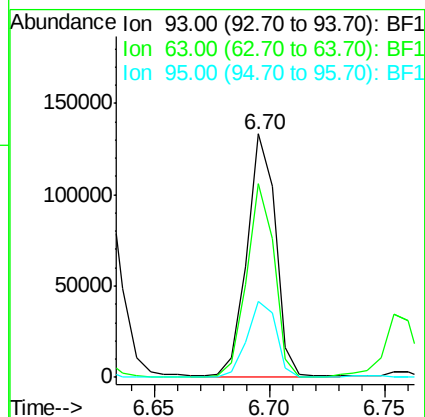
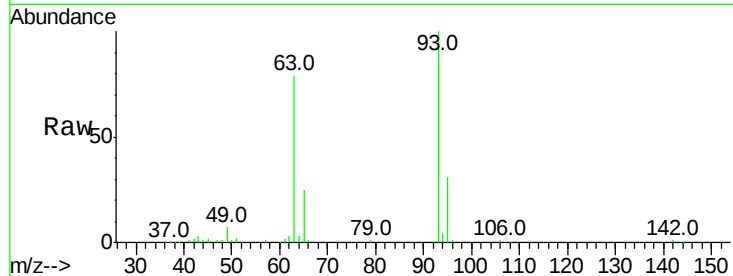
ClientSampleId :

A-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 117102 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 79.4  | 58.6  | 98.6   |
| 95       | 31.3  | 11.8  | 51.8   |

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#12

1,3-Dichlorobenzene

Concen: 34.249 ng

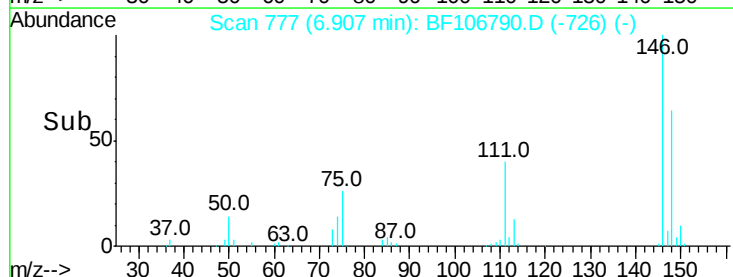
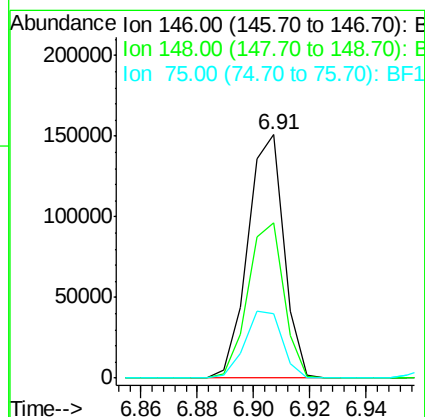
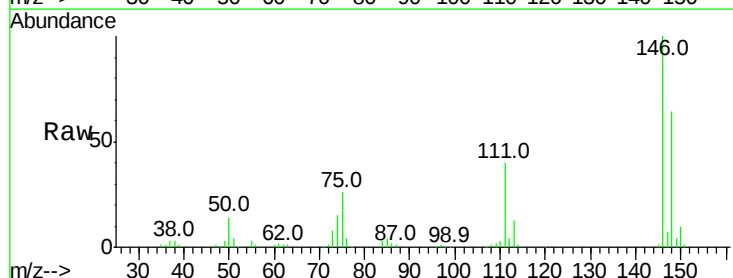
RT: 6.91 min Scan# 777

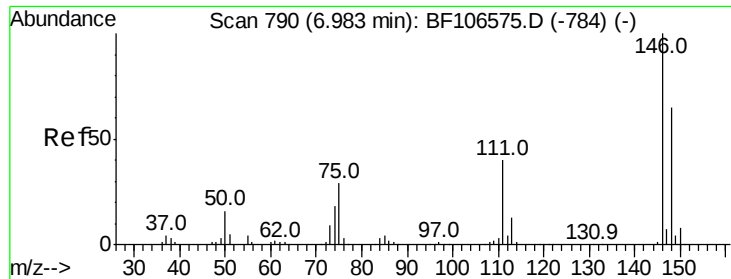
Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 134046 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.0  | 51.8  | 77.8   |
| 75       | 26.3  | 24.2  | 36.4   |





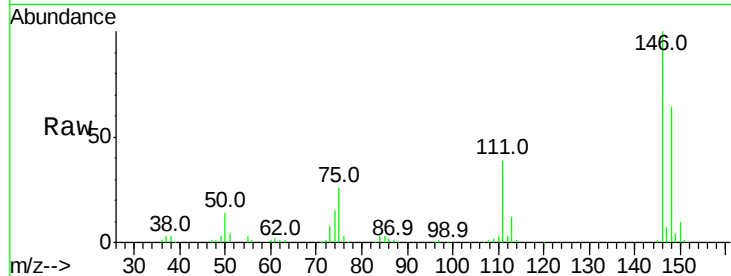
#13  
 1,4-Dichlorobenzene  
 Concen: 34.019 ng  
 RT: 6.98 min Scan# 790  
 Delta R.T. 0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 50.8  | 76.2  |
| 111     | 38.9  | 34.2  | 51.2  |

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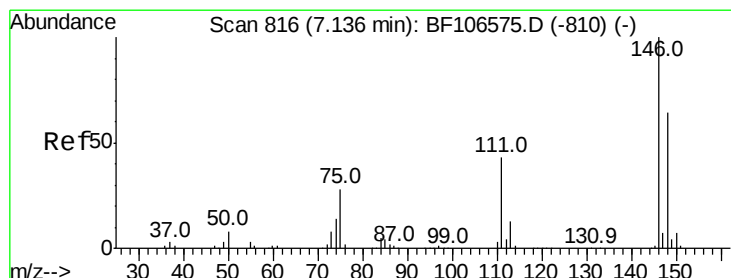
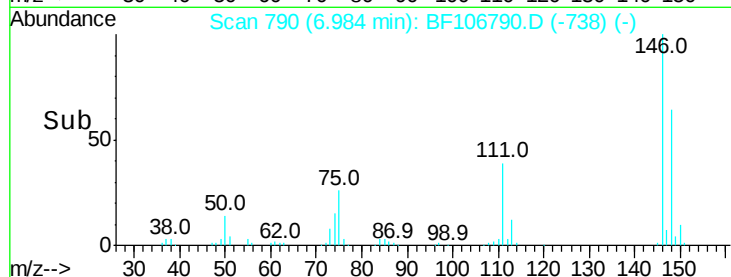
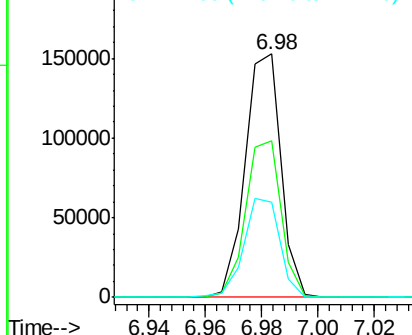


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 34.633 ng  
 RT: 7.14 min Scan# 816  
 Delta R.T. -0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

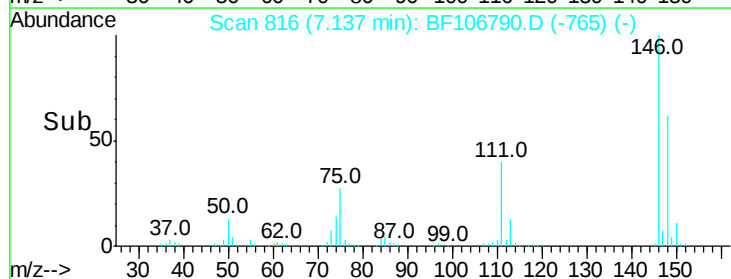
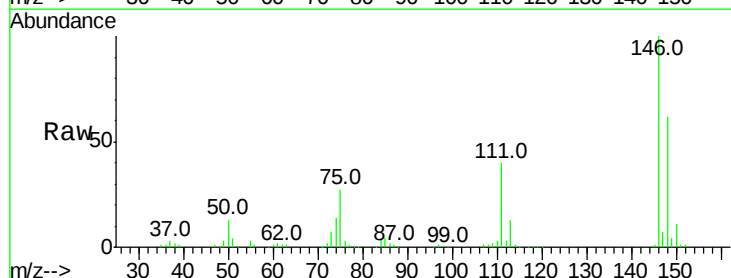
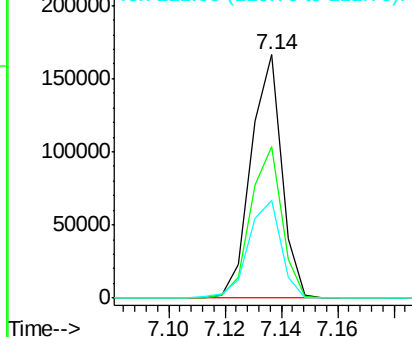
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 50.6  | 75.8  |
| 111     | 39.9  | 36.0  | 54.0  |

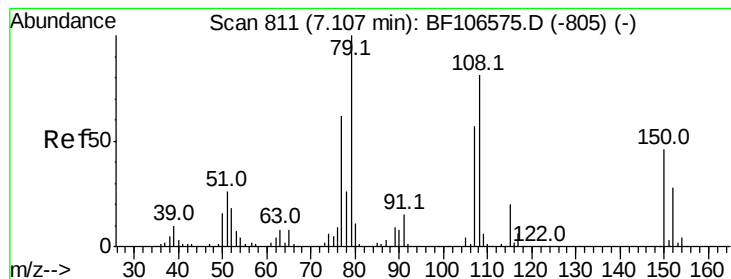
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.416 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

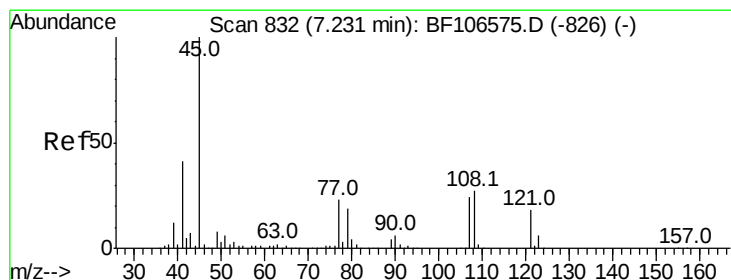
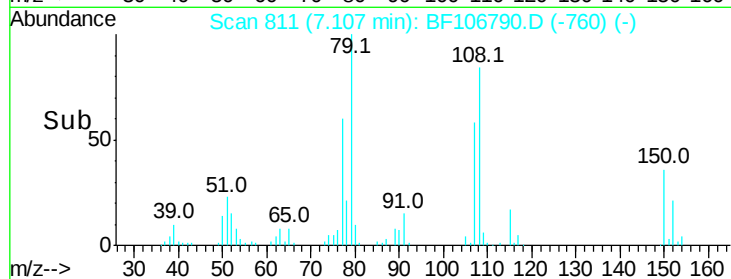
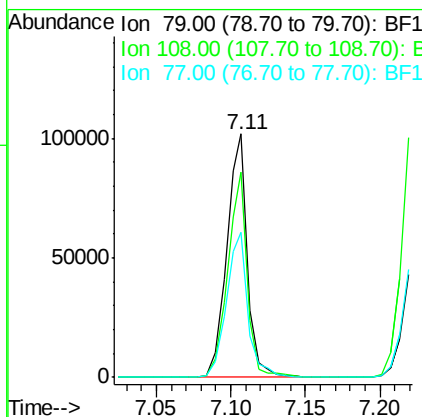
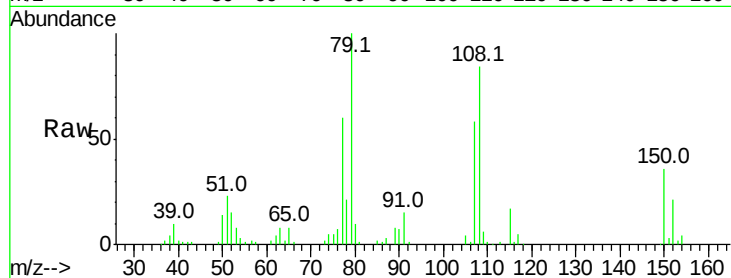
ClientSampled :

A-1MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 99033 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 84.4  | 65.1  | 97.7  |
| 77        | 59.8  | 50.6  | 75.8  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.997 ng

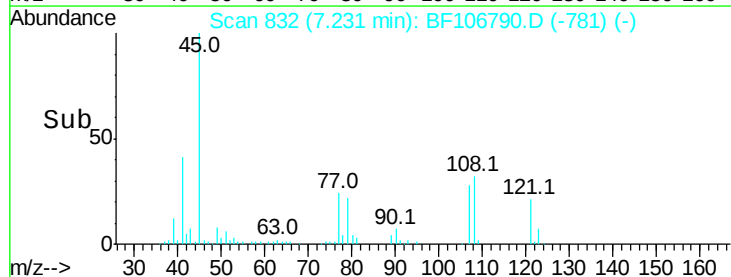
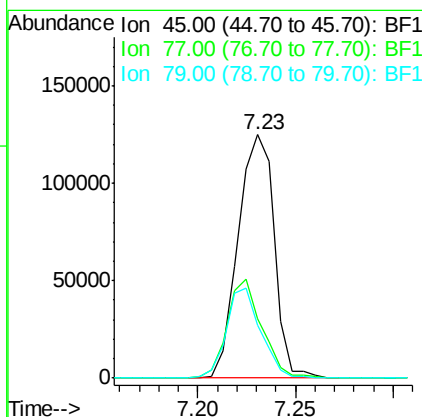
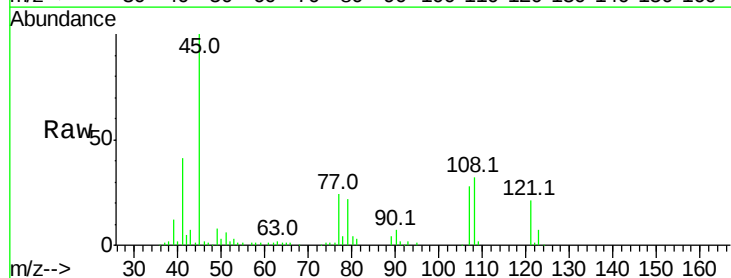
RT: 7.23 min Scan# 832

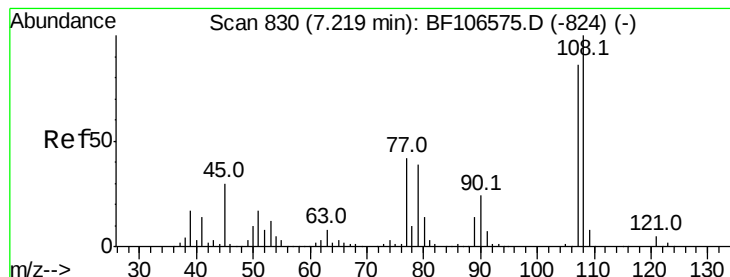
Delta R.T. 0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 159895 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 24.4  | 0.0   | 32.9   |
| 79        | 21.5  | 0.0   | 29.6   |





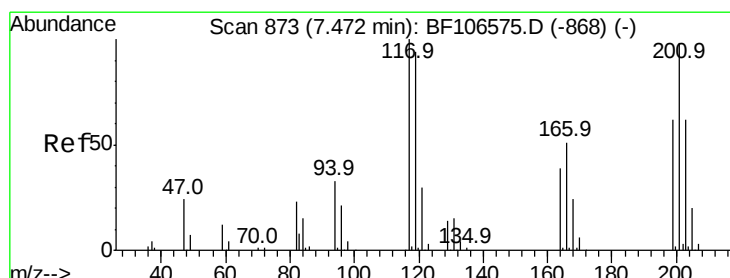
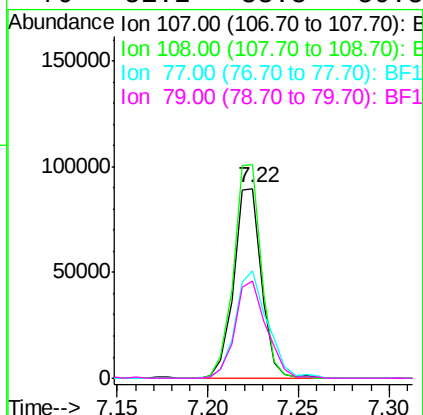
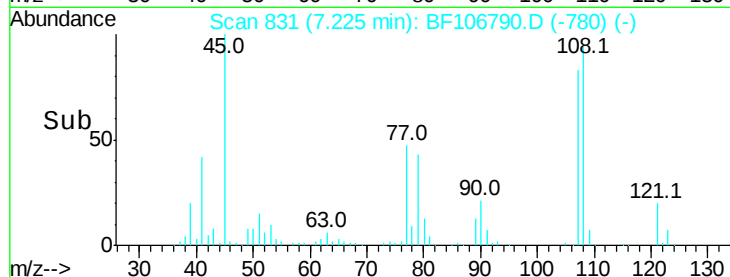
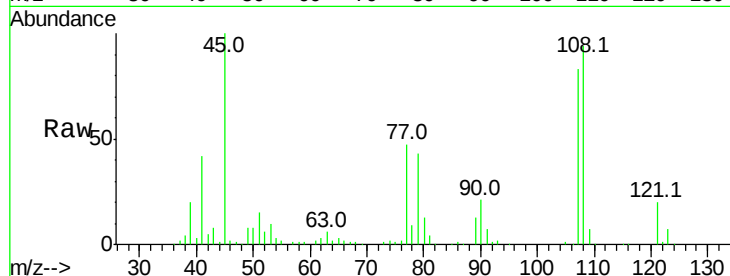
#17  
2-Methylphenol  
Concen: 33.434 ng  
RT: 7.22 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.7 | 91.7  | 137.5 |
| 77      | 56.7  | 33.8  | 50.8# |
| 79      | 51.2  | 33.8  | 50.8# |

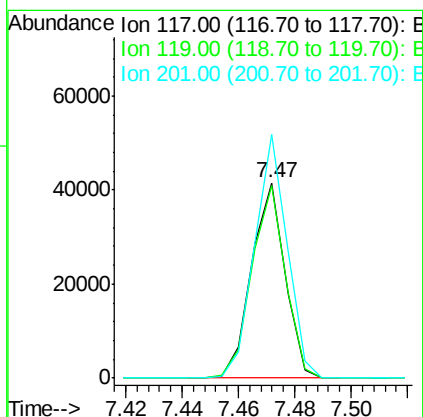
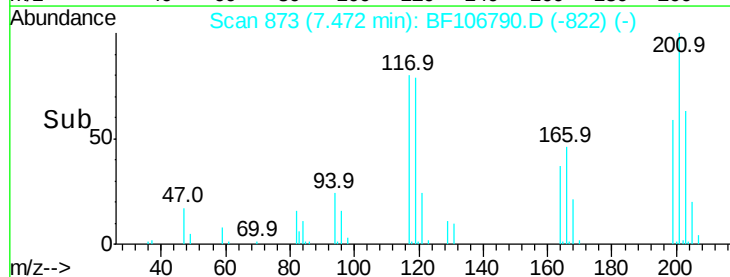
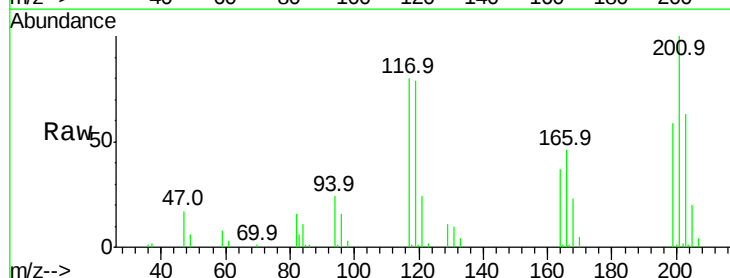
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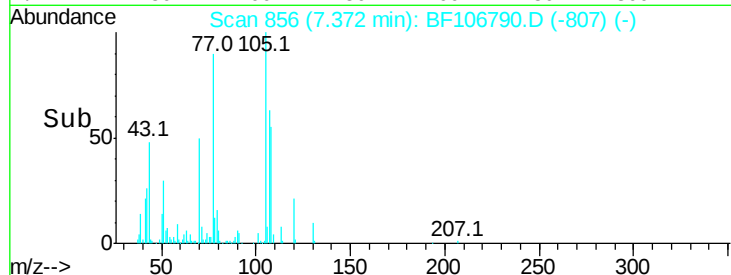
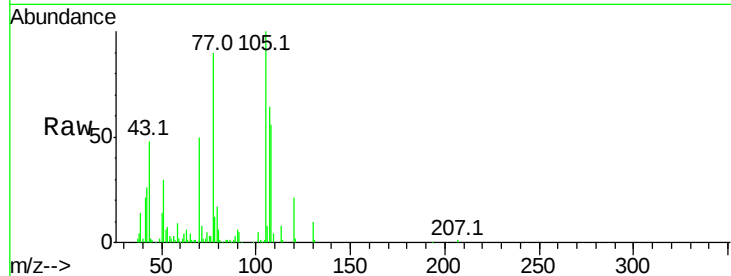
Sohil  
6/27/2018 10:55:51 AM



#18  
Hexachloroethane  
Concen: 24.619 ng  
RT: 7.47 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 98.8  | 75.8  | 113.8  |
| 201     | 124.7 | 75.7  | 113.5# |





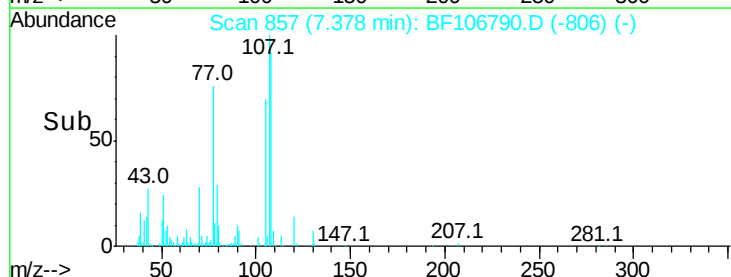
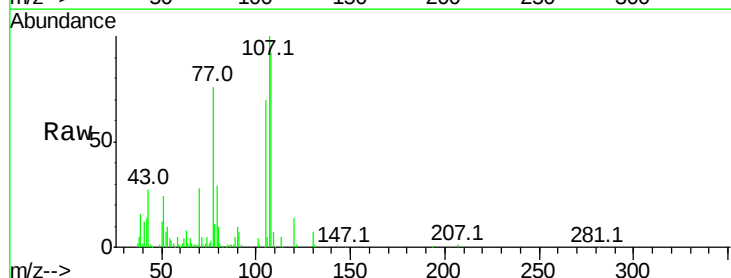
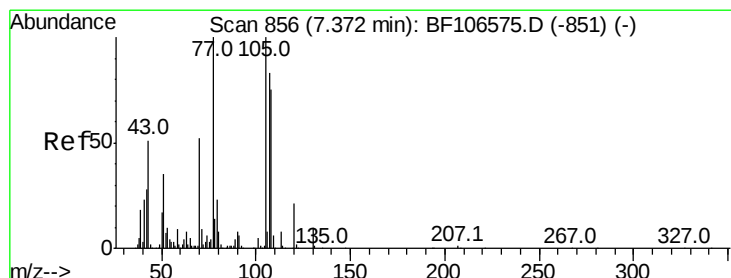
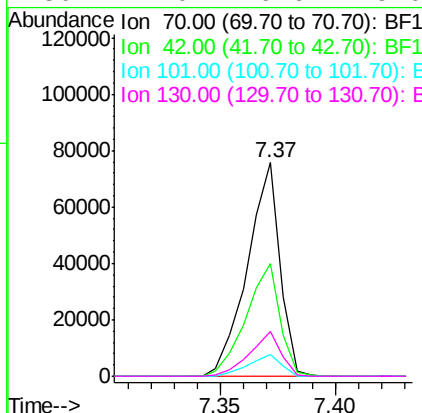
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.758 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | 70    | Resp  | 74632 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 70      | 100   |       |       |
| 42      | 52.6  | 47.5  | 71.3  |
| 101     | 10.0  | 7.4   | 11.2  |
| 130     | 21.0  | 16.6  | 25.0  |

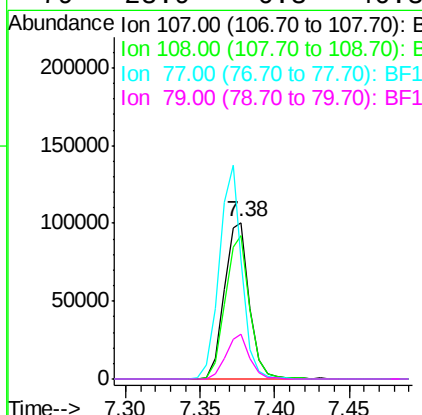
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#20  
3+4-Methylphenols  
Concen: 36.178 ng  
RT: 7.38 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | 107   | Resp  | 117956 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 107     | 100   |       |        |
| 108     | 91.7  | 68.2  | 108.2  |
| 77      | 76.3  | 26.7  | 66.7#  |
| 79      | 28.9  | 6.3   | 46.3   |





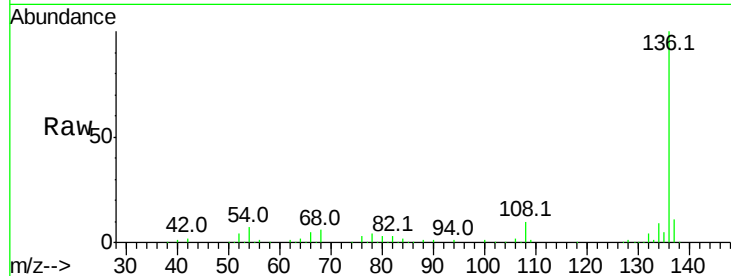
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

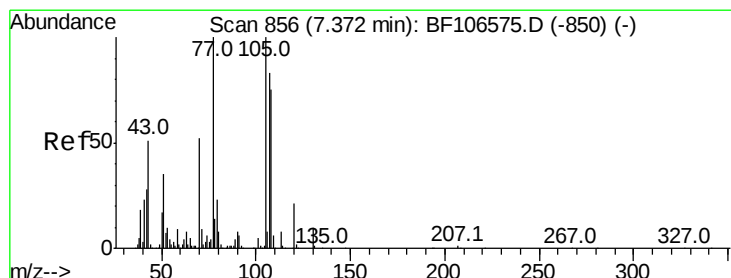
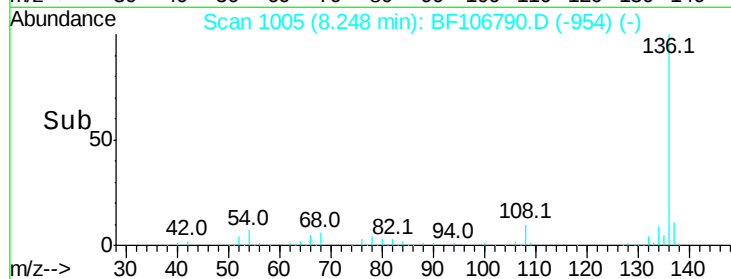
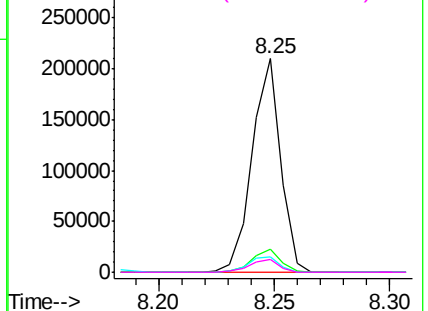
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 7.3   | 6.6  | 9.8   |       |
| 68      | 5.7   | 5.0  | 7.4   |       |

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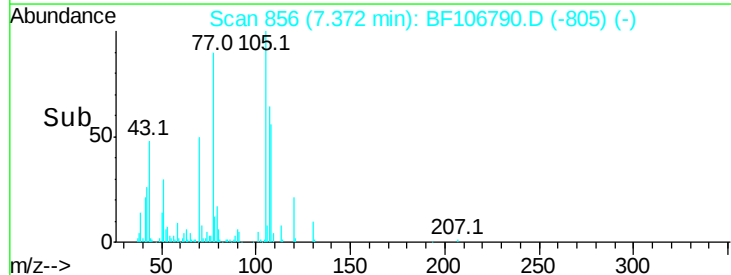
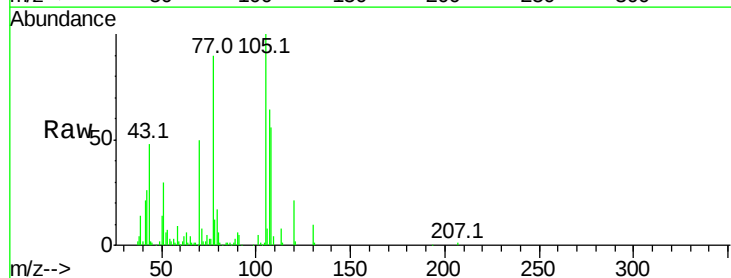
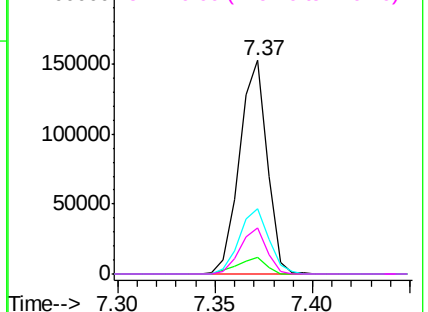
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

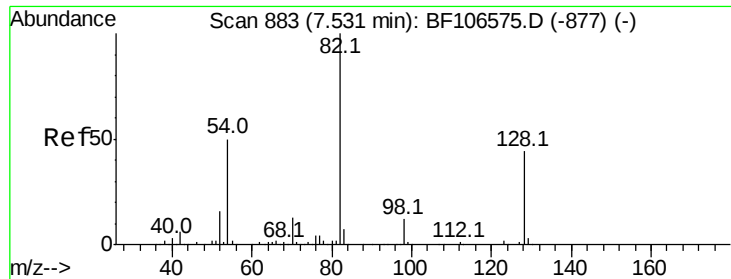


#22  
Acetophenone  
Concen: 37.058 ng  
RT: 7.37 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.0   | 4.4  | 6.6#  |       |
| 51      | 30.3  | 22.3 | 33.5  |       |
| 120     | 21.5  | 16.9 | 25.3  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





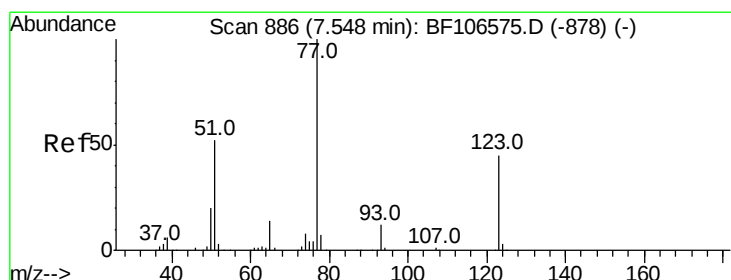
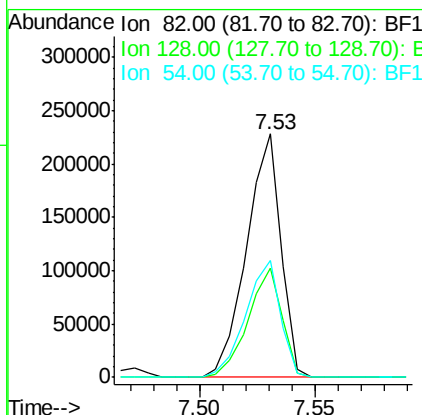
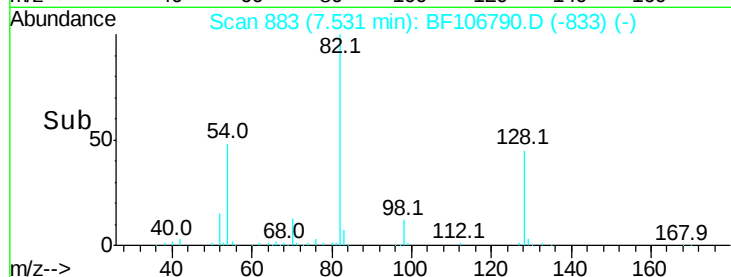
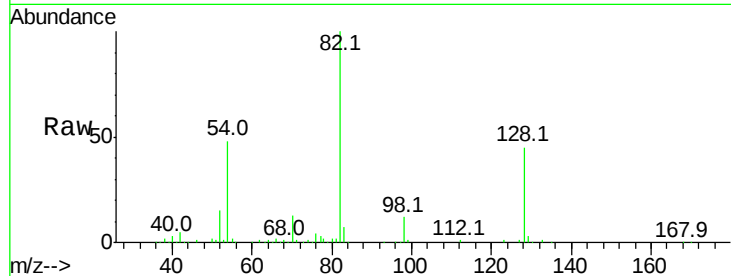
#23  
 Nitrobenzene-d5  
 Concen: 72.956 ng  
 RT: 7.53 min Scan# 883  
 Delta R.T. -0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.0  | 36.1  | 54.1  |
| 54      | 48.2  | 41.4  | 62.2  |

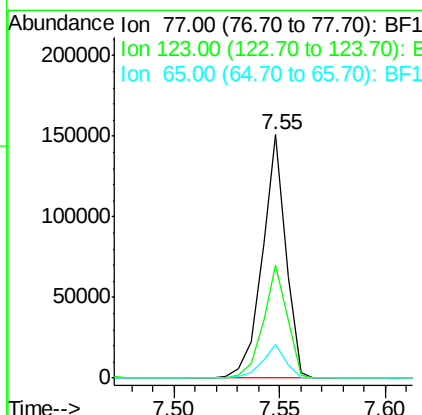
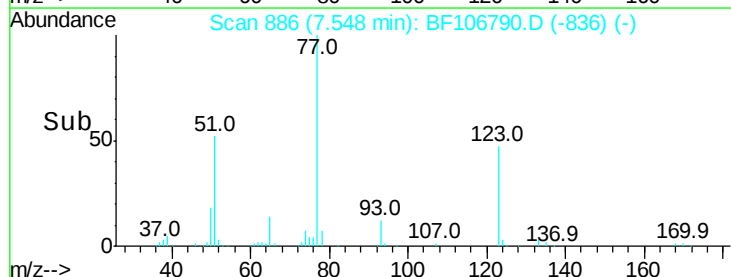
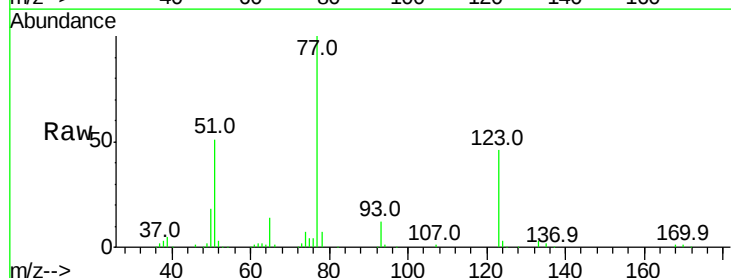
Manual Integrations  
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 6/27/2018 10:55:51 AM



#24  
 Nitrobenzene  
 Concen: 35.136 ng  
 RT: 7.55 min Scan# 886  
 Delta R.T. -0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.2  | 37.9  | 56.9  |
| 65      | 13.7  | 11.0  | 16.4  |





#25

Isophorone

Concen: 36.822 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

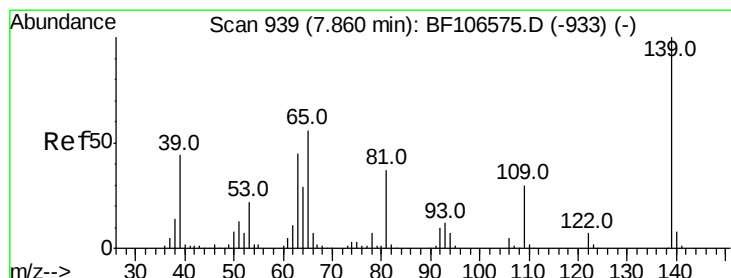
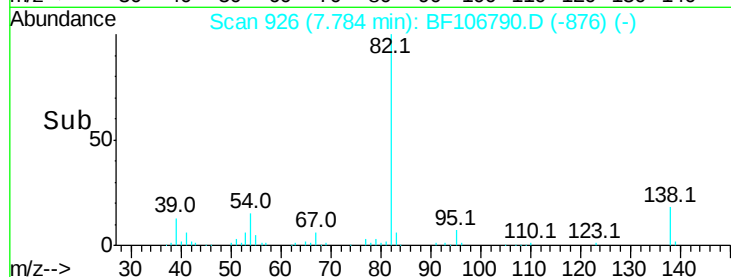
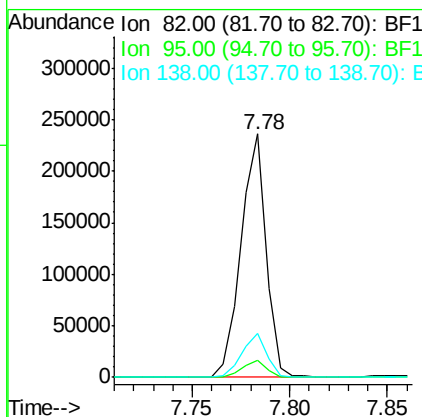
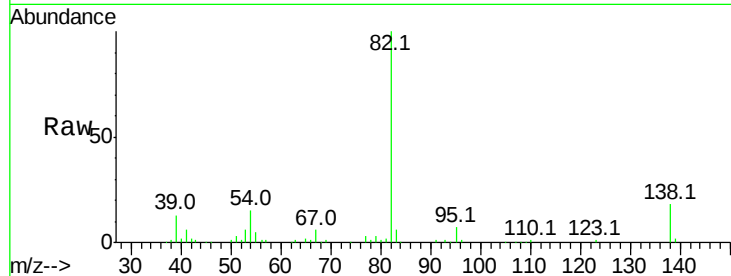
ClientSampled :

A-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 211439 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.8   | 5.2   | 7.8    |
| 138       | 18.1  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 26.099 ng

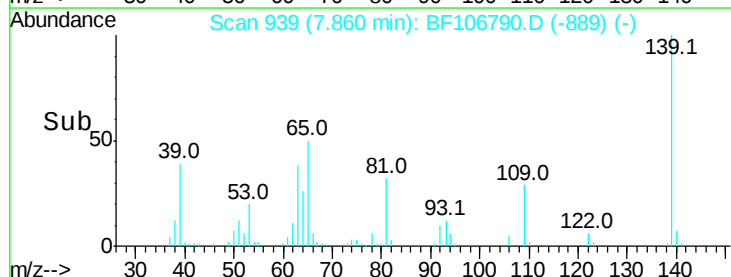
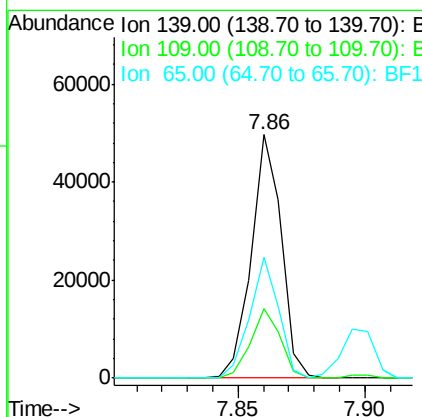
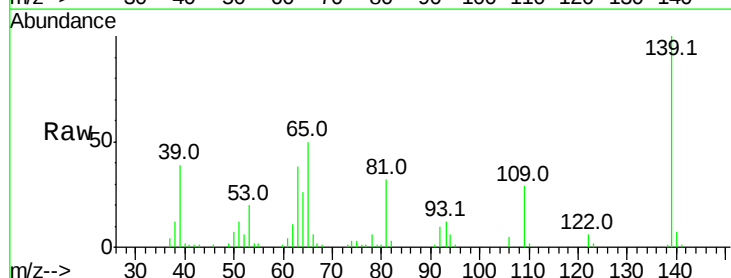
RT: 7.86 min Scan# 939

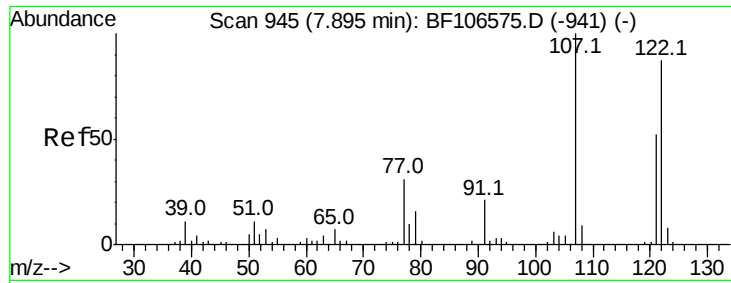
Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 40990 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 28.6  | 22.7  | 34.1  |
| 65        | 49.6  | 40.5  | 60.7  |





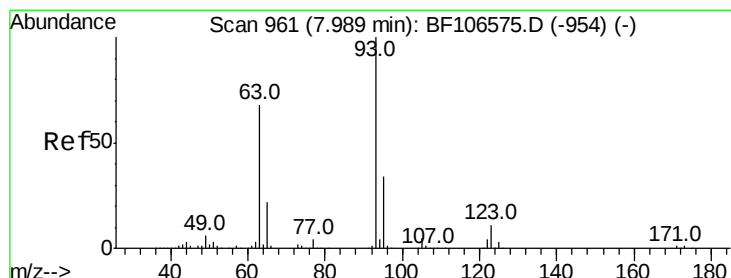
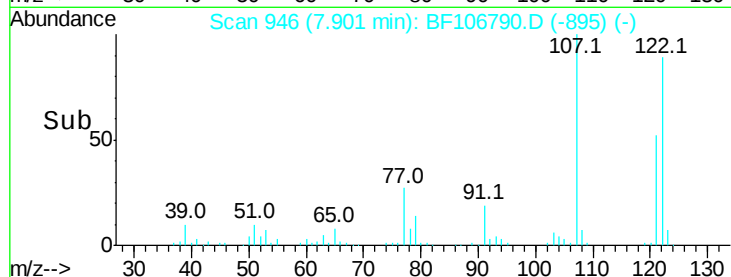
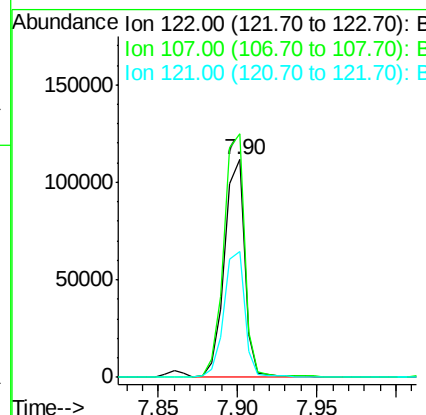
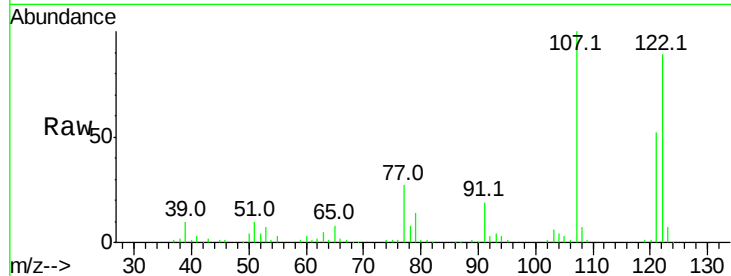
#27  
 2,4-Dimethylphenol  
 Concen: 41.383 ng  
 RT: 7.90 min Scan# 946  
 Delta R.T. -0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.9 | 91.2  | 136.8 |
| 121     | 57.7  | 47.2  | 70.8  |

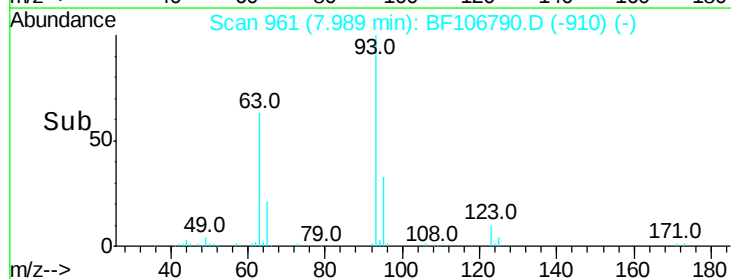
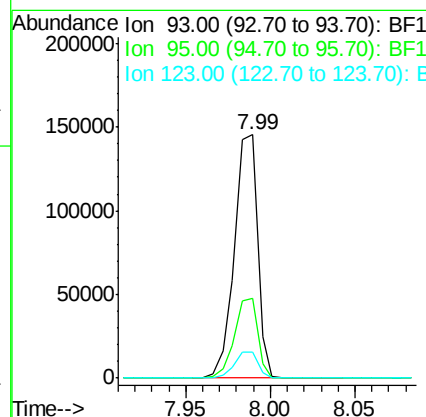
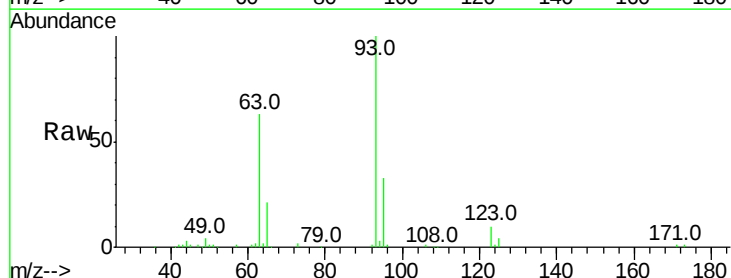
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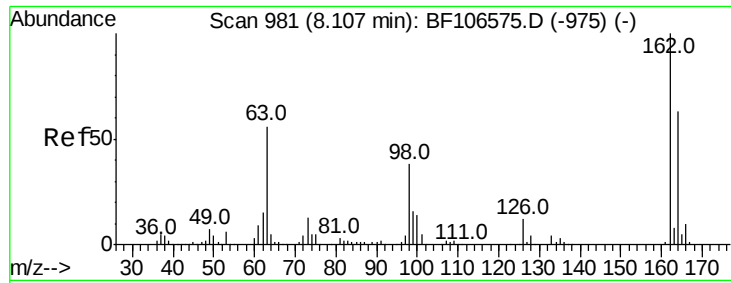
Sohil  
 6/27/2018 10:55:51 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.017 ng  
 RT: 7.99 min Scan# 961  
 Delta R.T. -0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.5  | 26.3  | 39.5  |
| 123     | 10.5  | 9.8   | 14.6  |





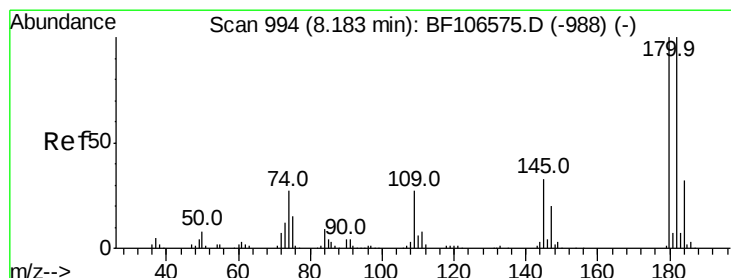
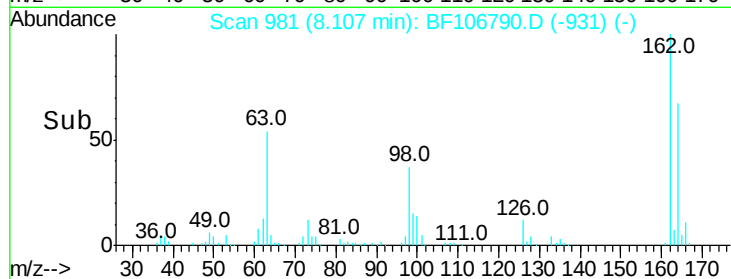
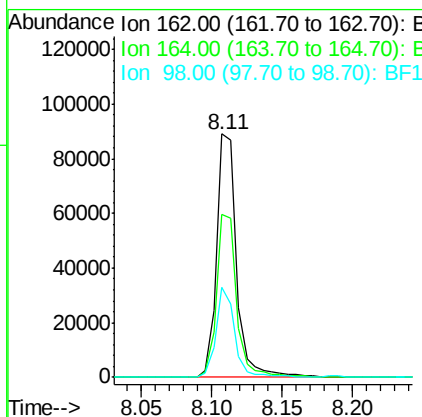
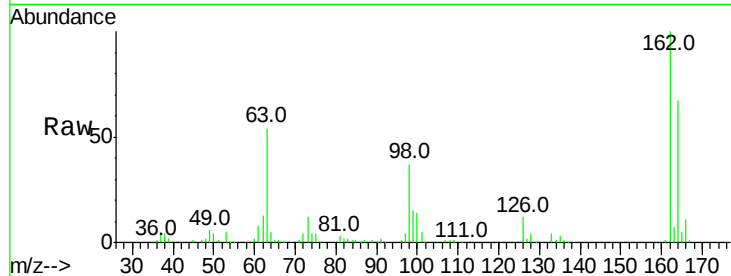
#29  
2,4-Dichlorophenol  
Concen: 34.413 ng  
RT: 8.11 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampled :  
A-1MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 87460 |       |       |
| 164     | 67.1  | 42.7  | 82.7  |       |
| 98      | 36.8  | 18.1  | 58.1  |       |

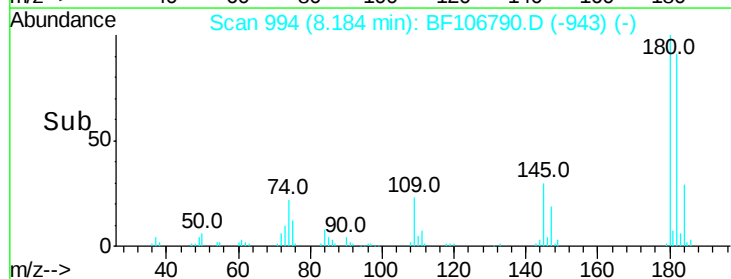
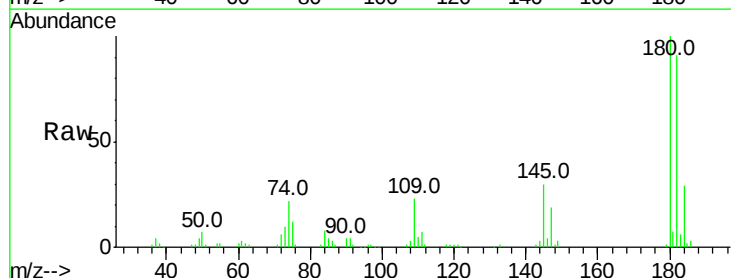
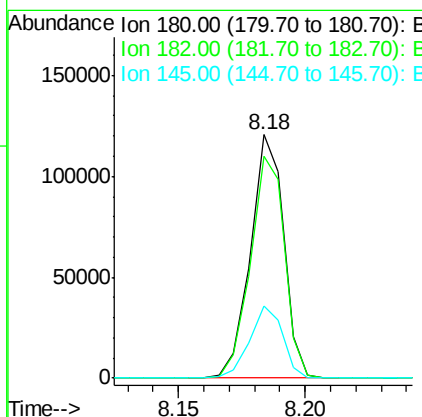
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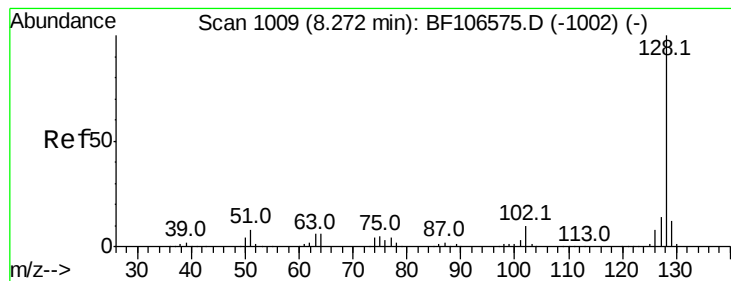
Sohil  
6/27/2018 10:55:51 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.435 ng  
RT: 8.18 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 110408 |       |       |
| 182     | 91.2  | 76.8   | 115.2 |       |
| 145     | 29.8  | 26.5   | 39.7  |       |





#31

Naphthalene

Concen: 43.574 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

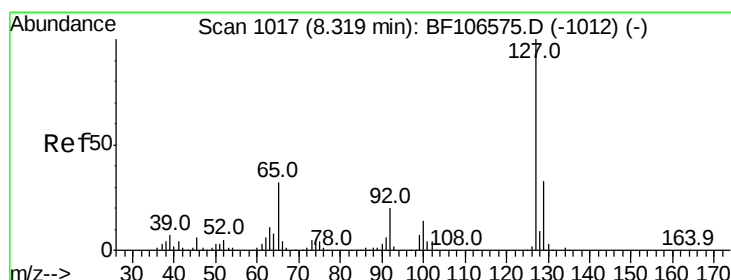
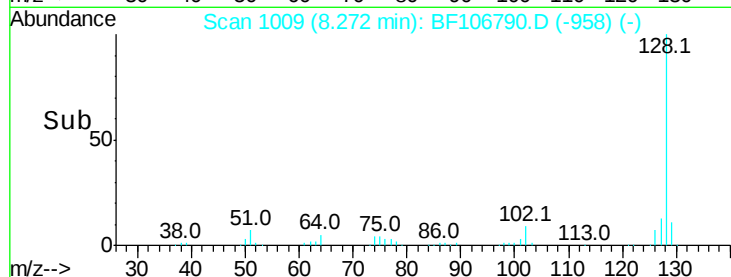
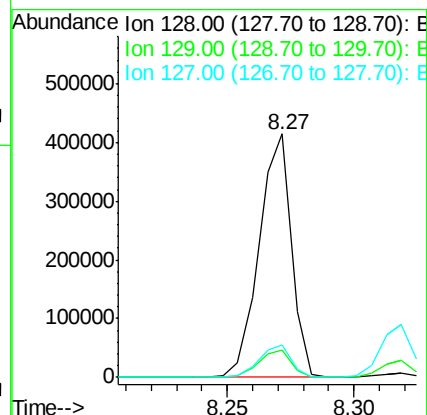
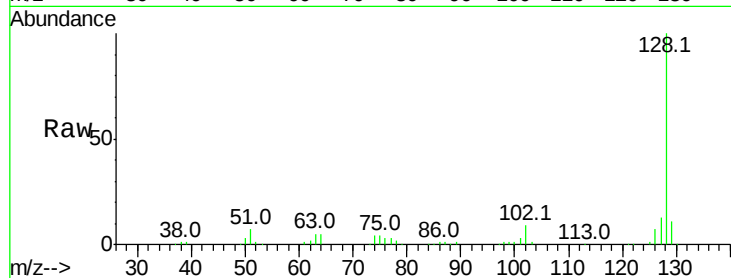
ClientSampled :

A-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 368928 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.0  | 8.8   | 13.2   |
| 127       | 13.1  | 10.9  | 16.3   |

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#33

4-Chloroaniline

Concen: 24.005 ng

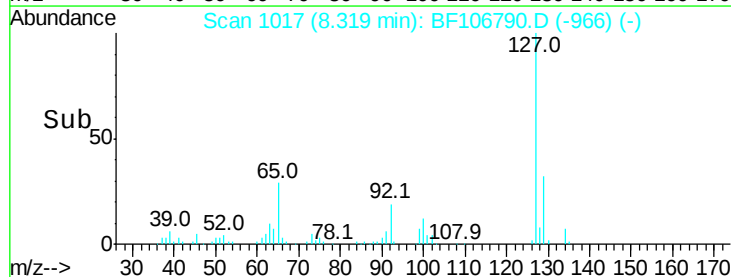
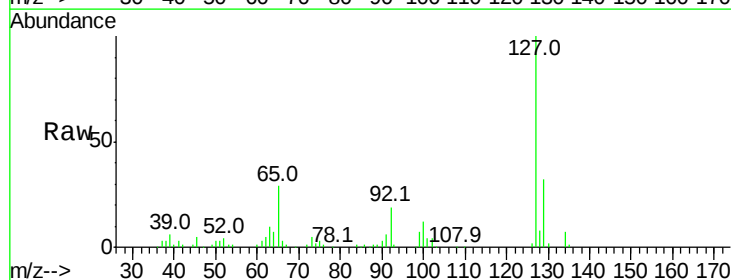
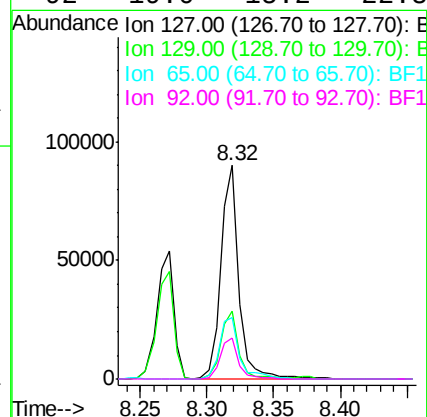
RT: 8.32 min Scan# 1017

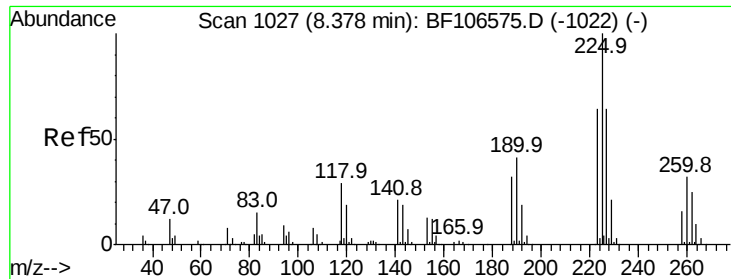
Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 85280 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.0  | 25.9  | 38.9  |
| 65        | 29.0  | 25.0  | 37.4  |
| 92        | 19.0  | 15.2  | 22.8  |





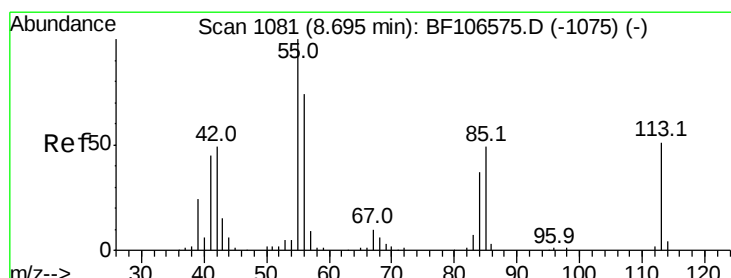
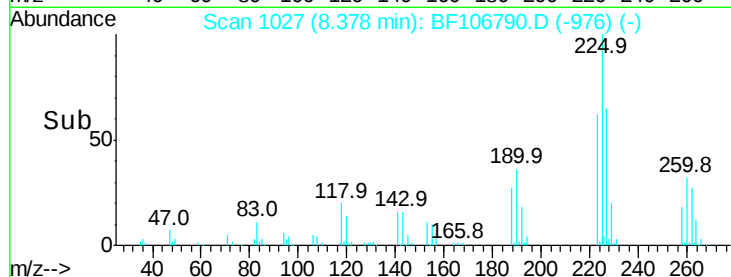
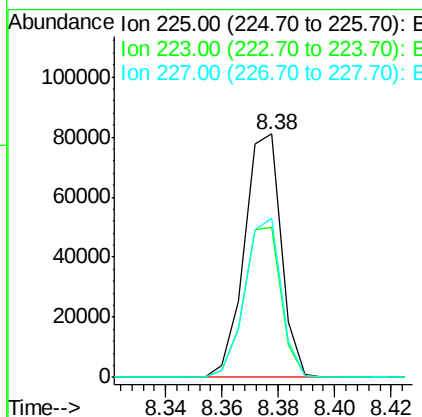
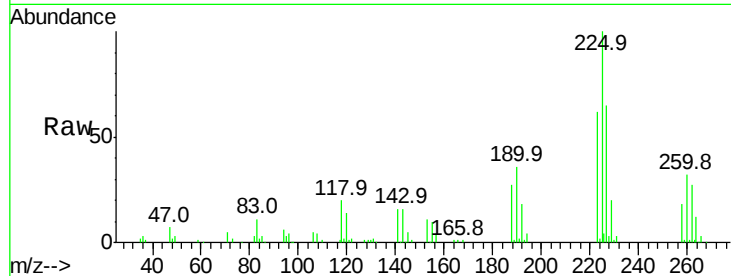
#34  
Hexachlorobutadiene  
Concen: 40.171 ng  
RT: 8.38 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 50.6  | 76.0  |
| 227     | 65.2  | 51.9  | 77.9  |

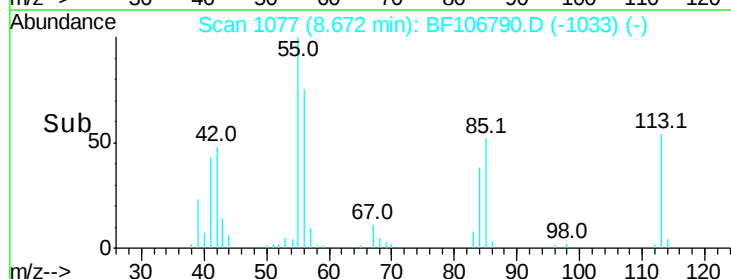
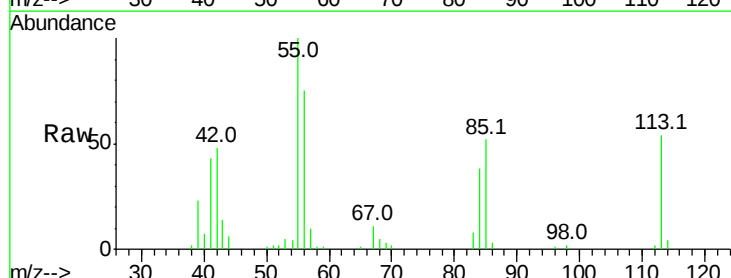
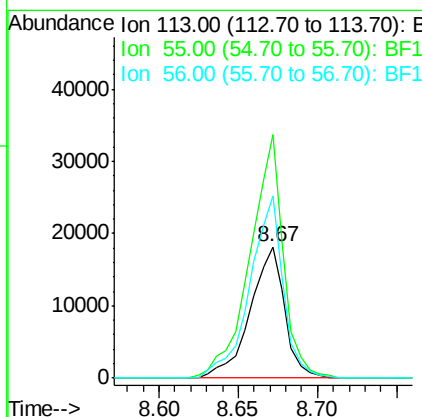
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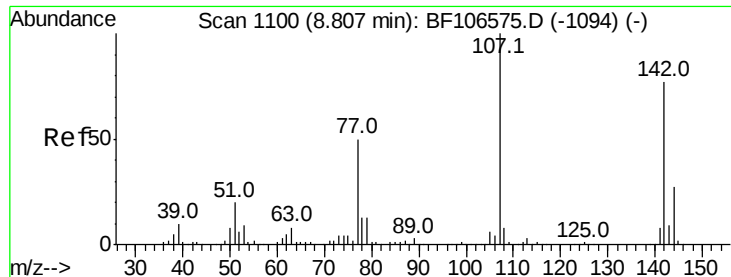
Sohil  
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#35  
Caprolactam  
Concen: 33.295 ng  
RT: 8.67 min Scan# 1077  
Delta R.T. -0.04 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 185.5 | 163.3 | 203.3 |
| 56      | 138.7 | 115.7 | 155.7 |





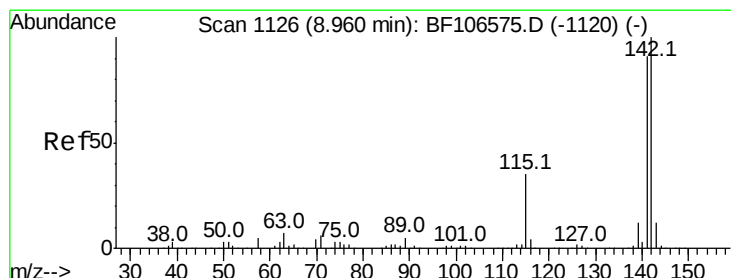
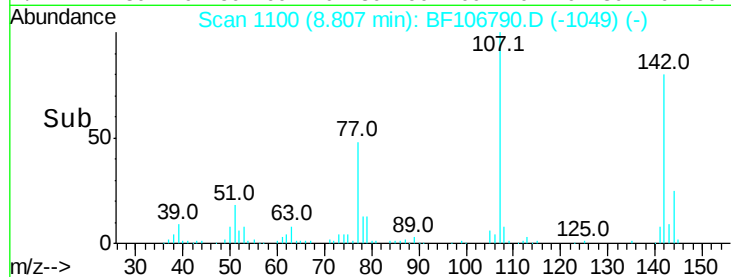
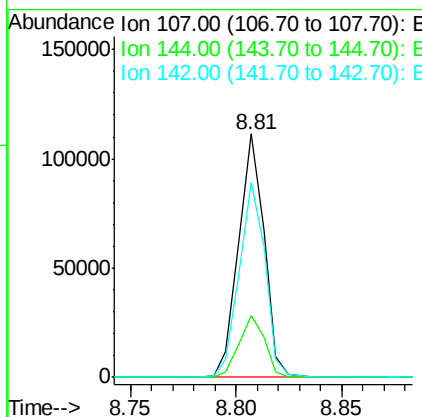
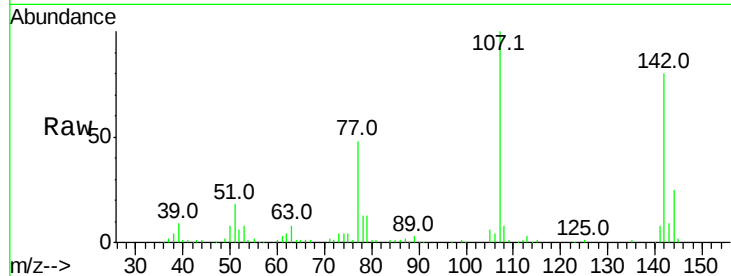
#36  
 4-Chloro-3-methylphenol  
 Concen: 34.947 ng  
 RT: 8.81 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleID :  
 A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.5  | 20.5  | 30.7  |
| 142     | 80.1  | 62.0  | 93.0  |

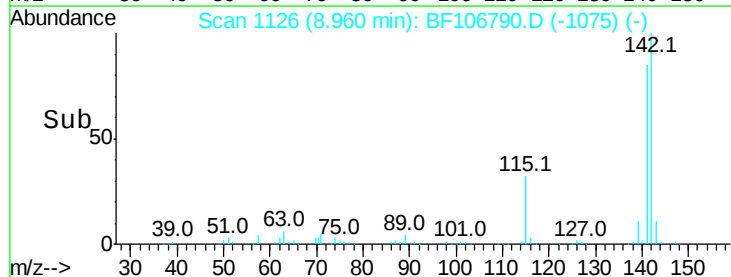
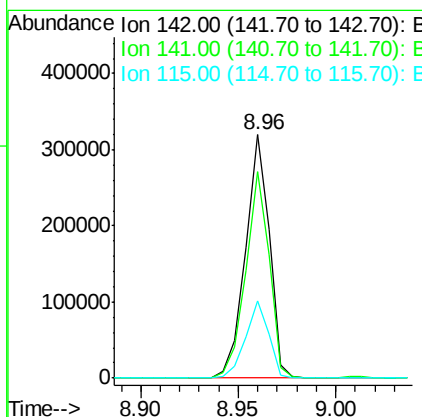
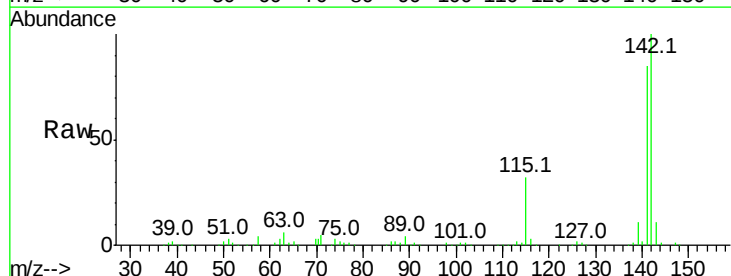
Manual Integrations  
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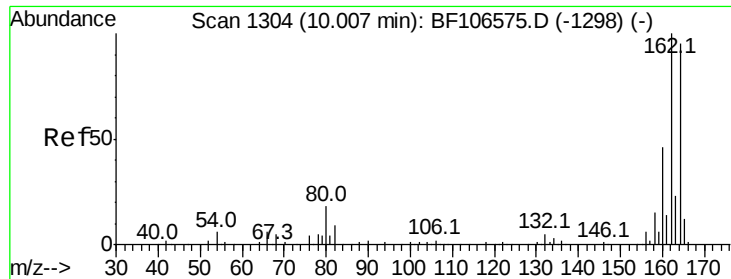
Sohil  
 6/27/2018 10:55:51 AM



#37  
 2-Methylnaphthalene  
 Concen: 48.231 ng  
 RT: 8.96 min Scan# 1126  
 Delta R.T. 0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 84.8  | 70.8  | 106.2 |
| 115     | 31.6  | 26.1  | 39.1  |





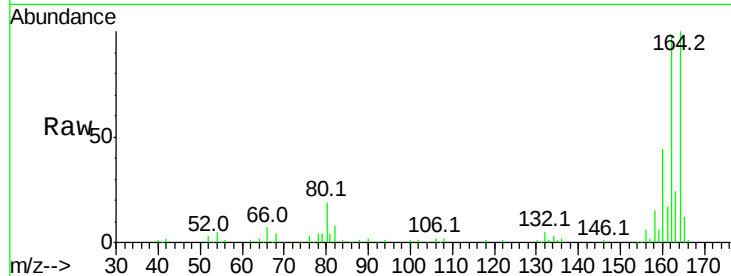
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.01 min Scan# 1304  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.1  | 86.1  | 129.1 |
| 160     | 44.3  | 38.3  | 57.5  |

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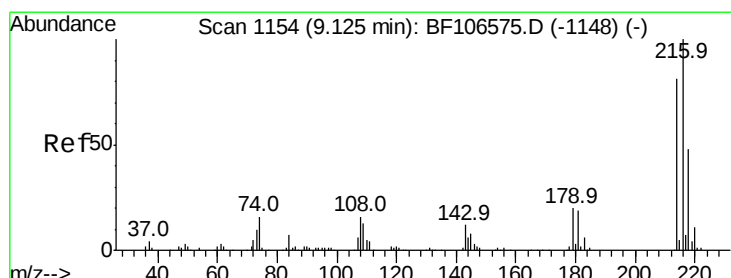
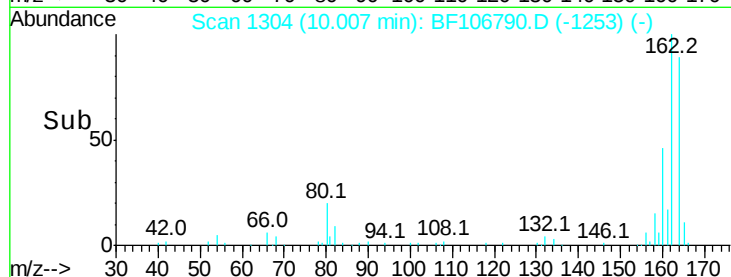
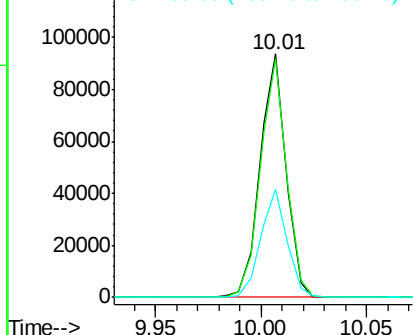


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.299 ng  
RT: 9.12 min Scan# 1154  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.0  | 63.0  | 94.4  |
| 179     | 19.0  | 18.1  | 27.1  |
| 108     | 14.0  | 17.2  | 25.8# |

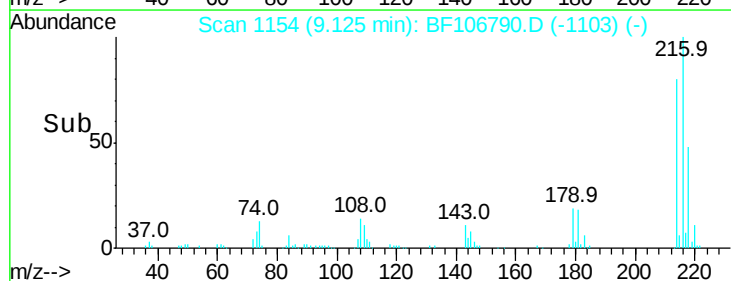
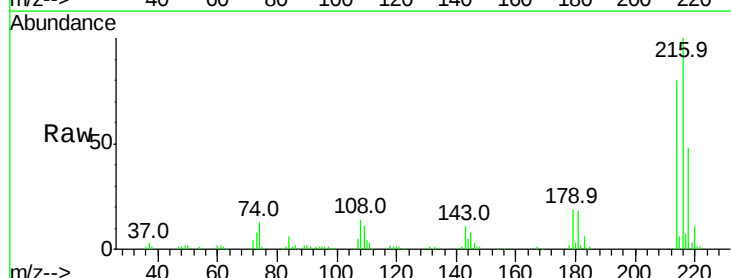
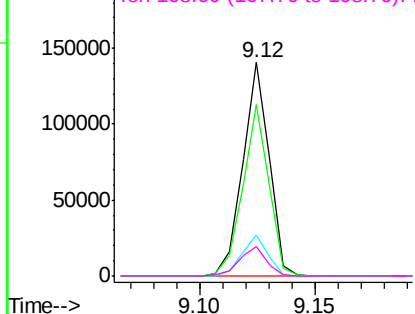
Abundance

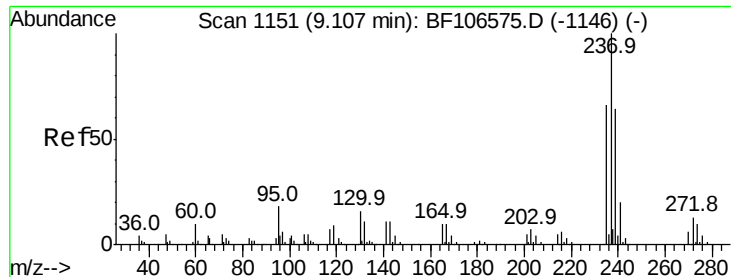
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





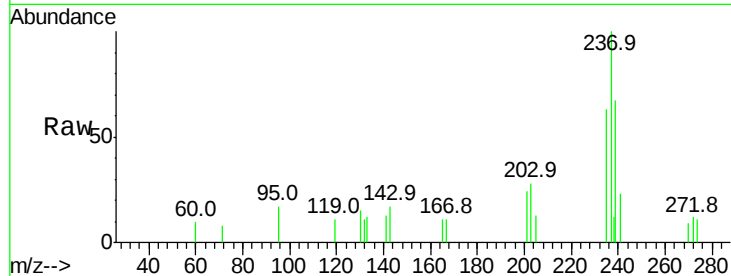
#40  
Hexachlorocyclopentadiene  
Concen: 2.215 ng  
RT: 9.10 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

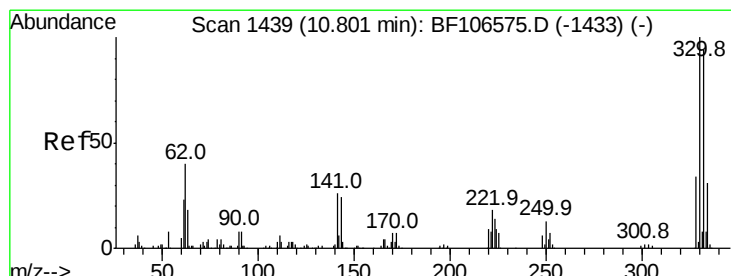
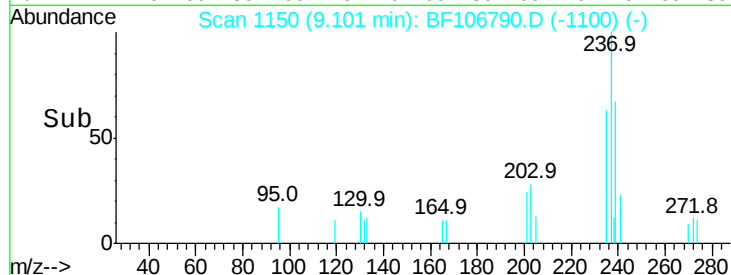
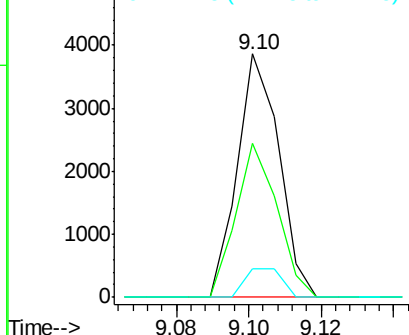
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   | 3078 |       |       |
| 235     | 63.1  |      | 44.8  | 84.8  |
| 272     | 11.9  |      | 0.0   | 33.3  |

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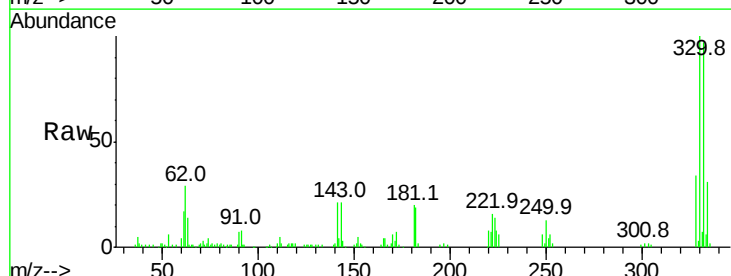


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

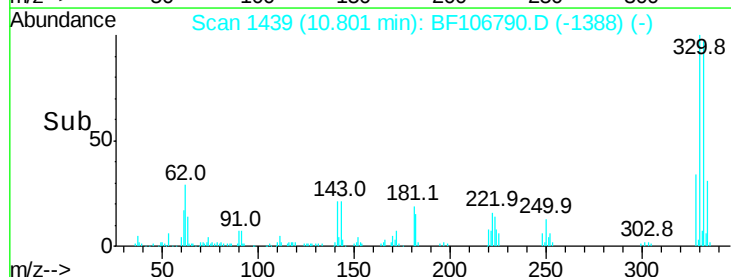
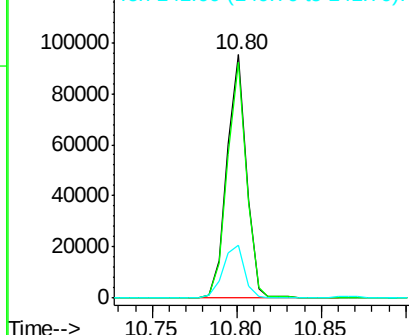


#41  
2,4,6-Tribromophenol  
Concen: 82.193 ng  
RT: 10.80 min Scan# 1439  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 76387 |       |       |
| 332     | 95.5  |       | 77.0  | 115.6 |
| 141     | 24.0  |       | 29.9  | 44.9# |



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





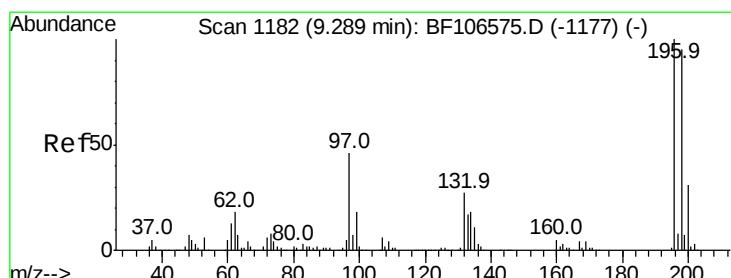
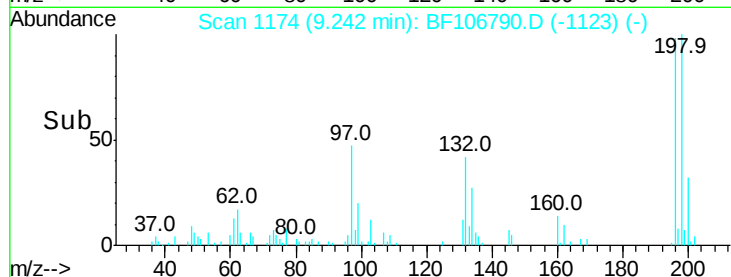
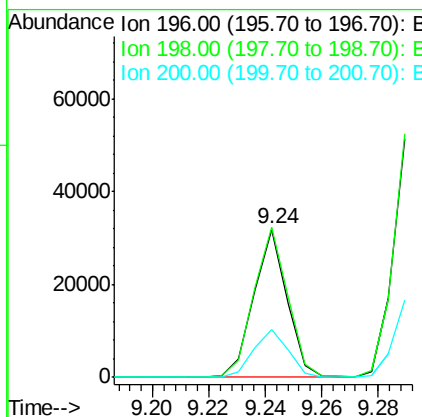
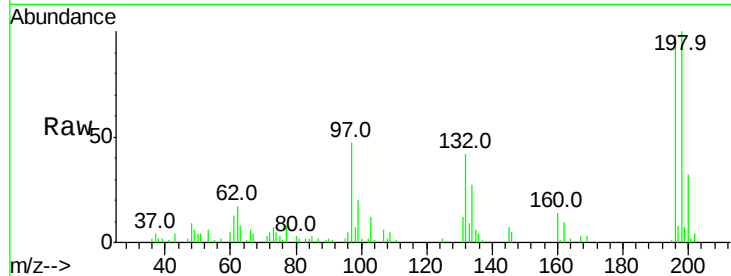
#42  
 2,4,6-Trichlorophenol  
 Concen: 14.569 ng  
 RT: 9.24 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampled :  
 A-1MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 26152 |       |       |
| 198     | 101.7 |       | 75.7  | 113.5 |
| 200     | 32.5  |       | 24.5  | 36.7  |

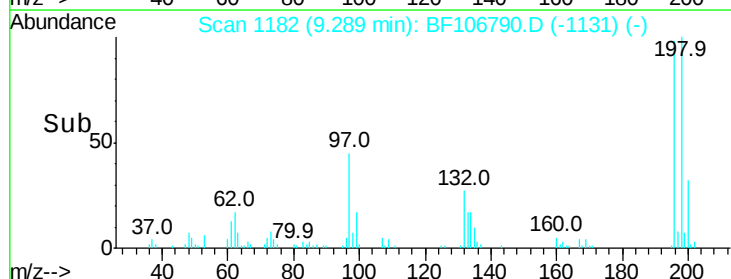
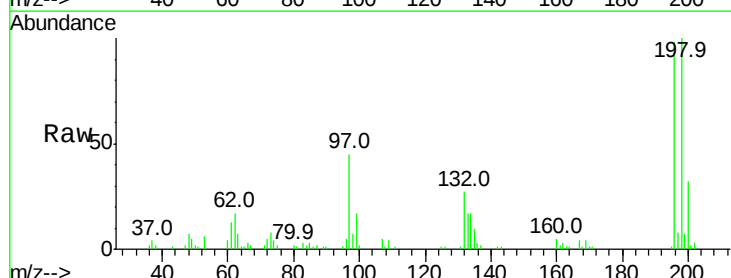
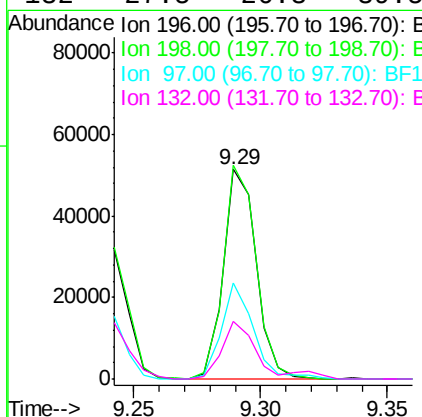
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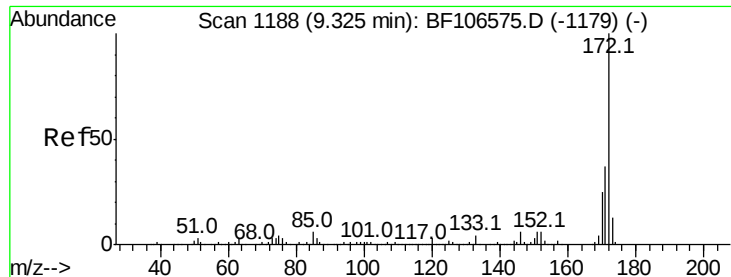
Sohil  
 6/27/2018 10:55:51 AM



#43  
 2,4,5-Trichlorophenol  
 Concen: 24.701 ng  
 RT: 9.29 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 46266 |       |       |
| 198     | 101.9 |       | 74.6  | 112.0 |
| 97      | 45.8  |       | 42.9  | 64.3  |
| 132     | 27.5  |       | 26.3  | 39.5  |





#44

2-Fluorobiphenyl

Concen: 87.815 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

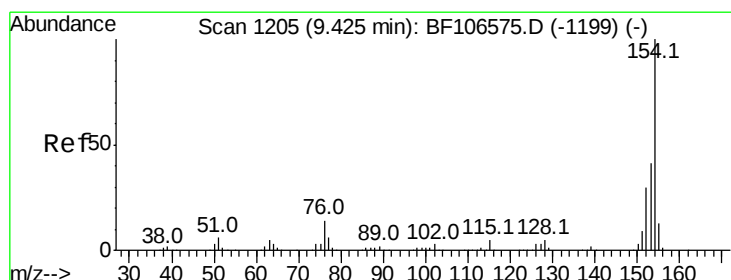
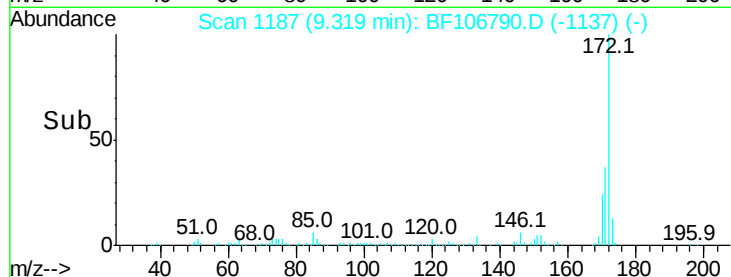
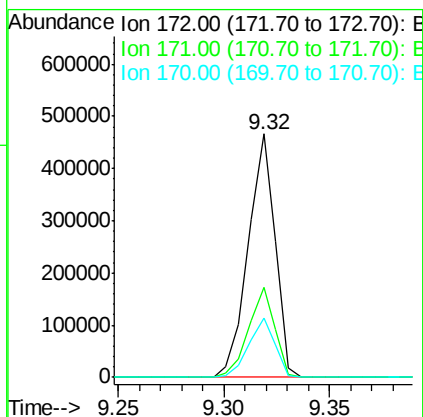
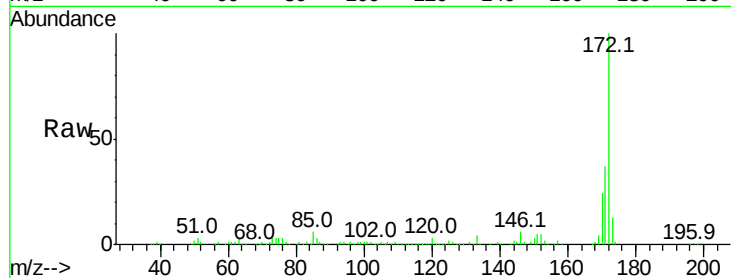
ClientSampleId :

A-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 413692 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 37.0  | 29.7  | 44.5   |
| 170       | 24.2  | 19.6  | 29.4   |

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#45

1,1'-Biphenyl

Concen: 43.331 ng

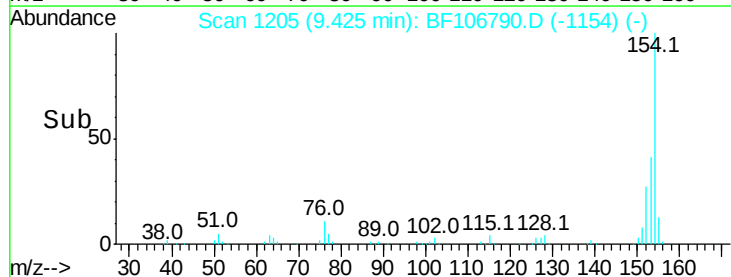
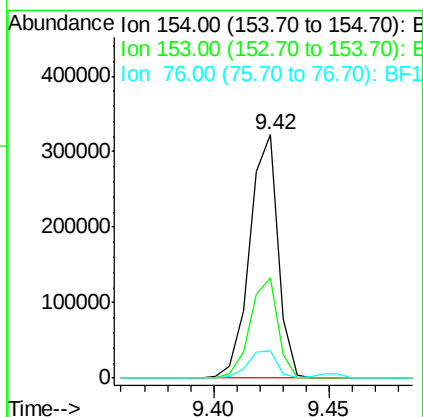
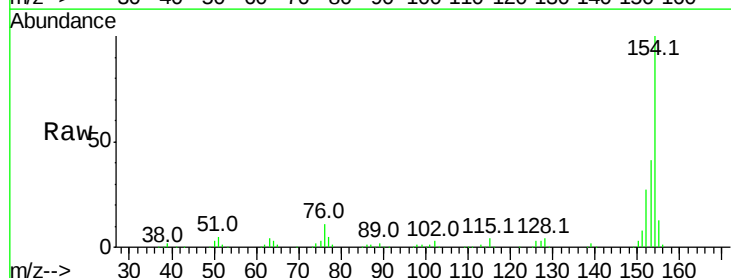
RT: 9.42 min Scan# 1205

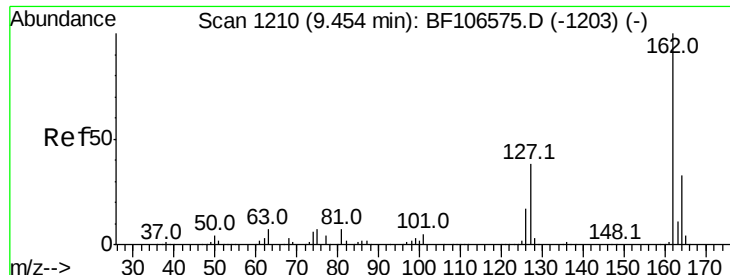
Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 276902 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.4  | 21.3  | 61.3   |
| 76        | 11.0  | 0.0   | 34.0   |





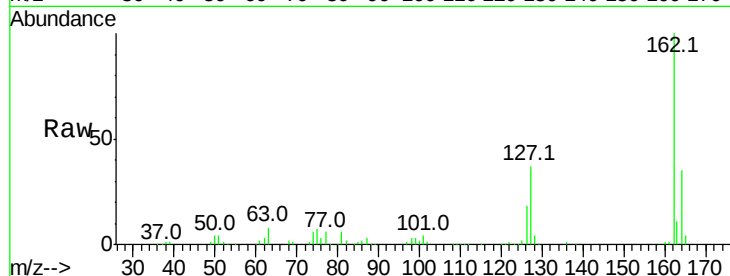
#46  
2-Chloronaphthalene  
Concen: 35.838 ng  
RT: 9.45 min Scan# 1210  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampled :  
A-1MS

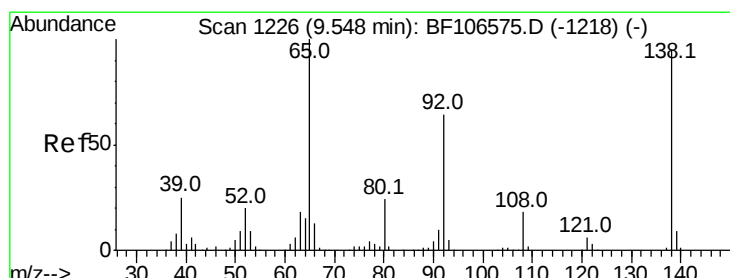
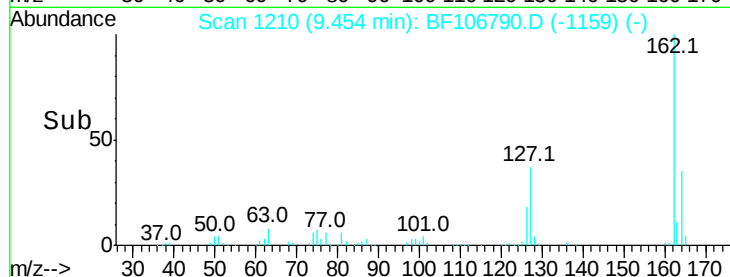
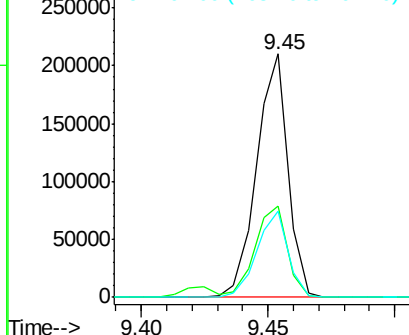
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 180268 |       |       |
| 127     | 37.5  |        | 33.9  | 50.9  |
| 164     | 35.3  |        | 26.5  | 39.7  |

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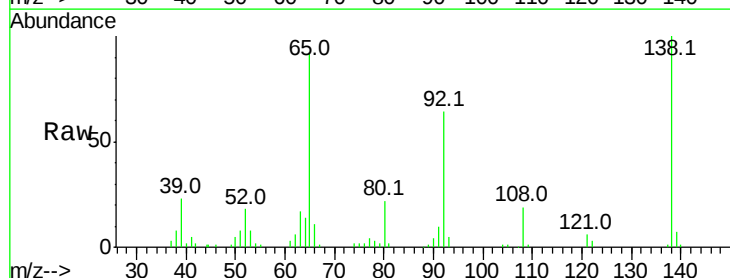


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

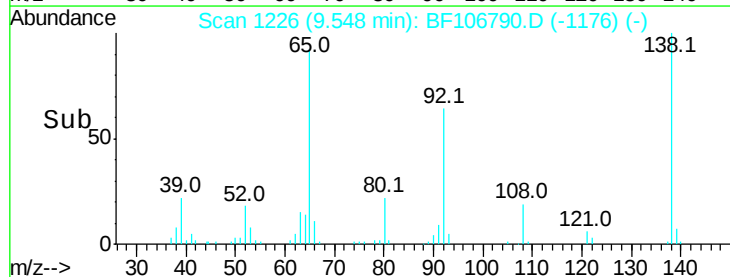
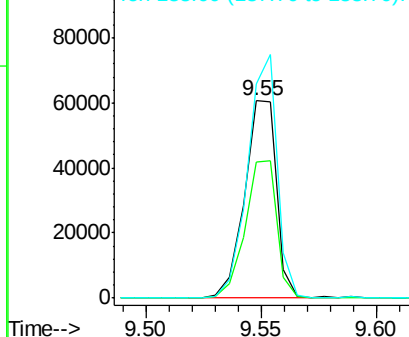


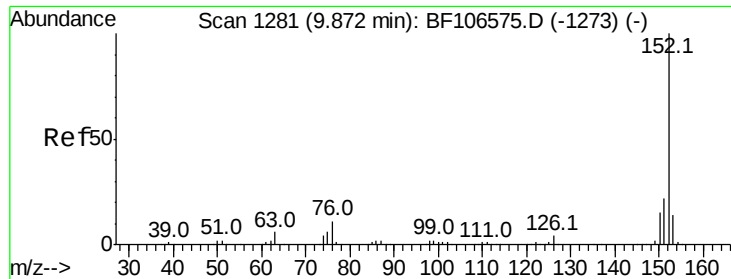
#47  
2-Nitroaniline  
Concen: 34.754 ng  
RT: 9.55 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 58786 |       |       |
| 92      | 69.0  |       | 55.8  | 83.6  |
| 138     | 108.6 |       | 91.2  | 136.8 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





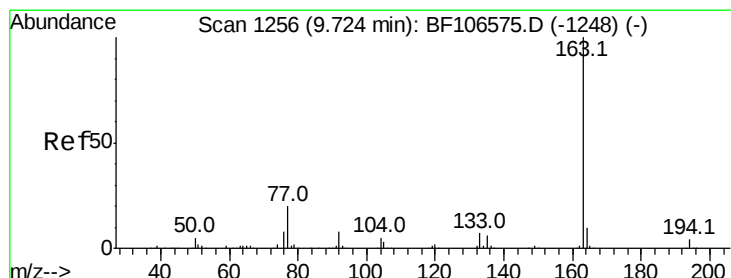
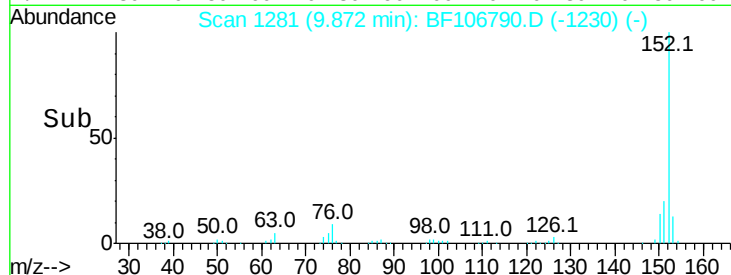
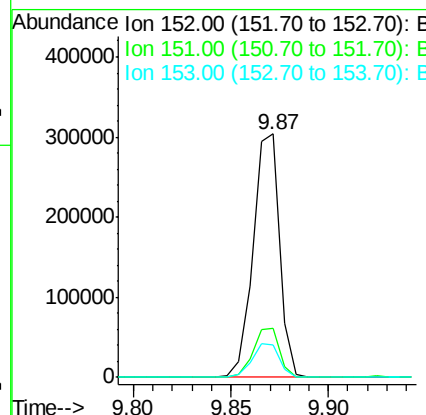
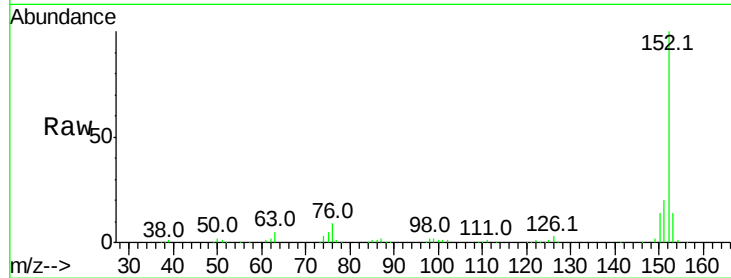
#48  
Acenaphthylene  
Concen: 35.918 ng  
RT: 9.87 min Scan# 1281  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 285244 |       |       |
| 151     | 20.3  |        | 16.3  | 24.5  |
| 153     | 13.5  |        | 10.7  | 16.1  |

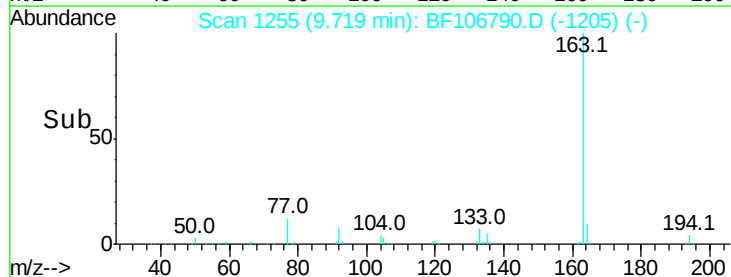
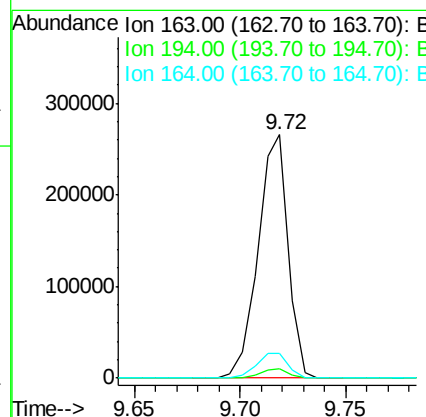
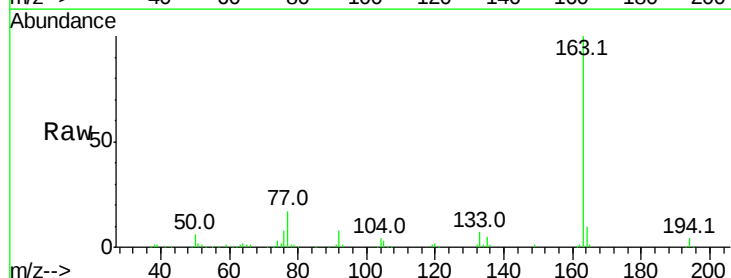
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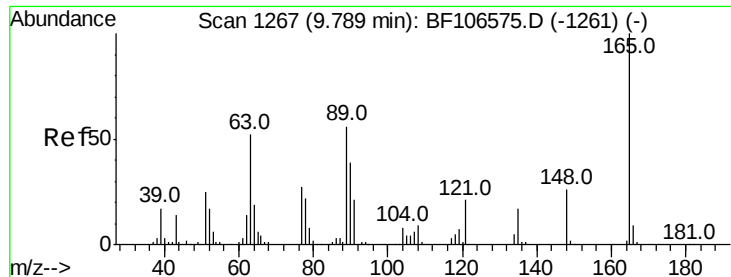
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#49  
Dimethylphthalate  
Concen: 43.593 ng  
RT: 9.72 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 262166 |       |       |
| 194     | 4.0   |        | 2.7   | 4.1   |
| 164     | 10.3  |        | 8.2   | 12.2  |





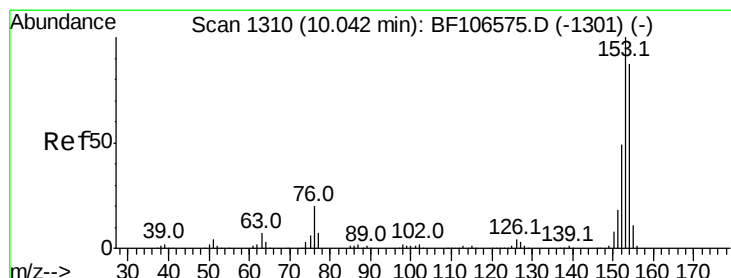
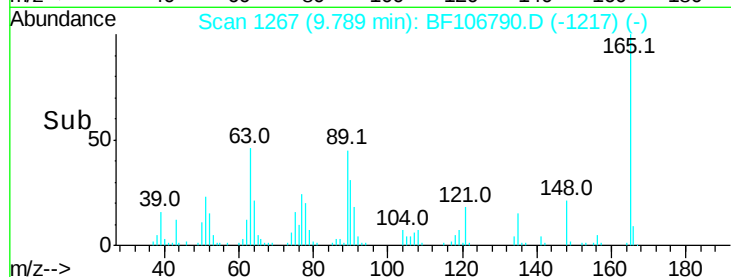
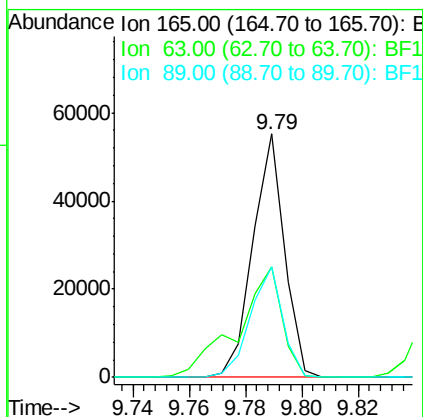
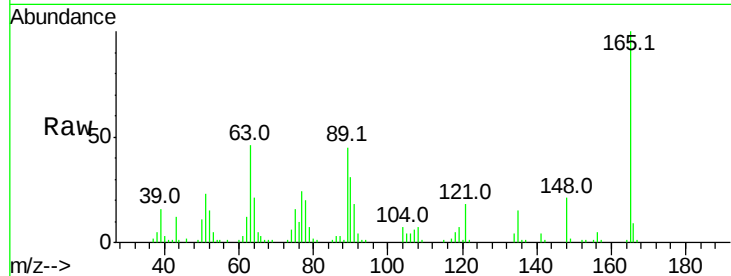
#50  
 2,6-Dinitrotoluene  
 Concen: 33.693 ng  
 RT: 9.79 min Scan# 1267  
 Delta R.T. -0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 42907 |       |       |
| 63      | 45.6  |       | 44.7  | 67.1  |
| 89      | 45.2  |       | 44.0  | 66.0  |

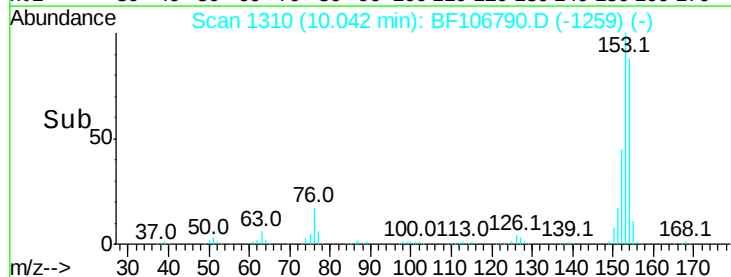
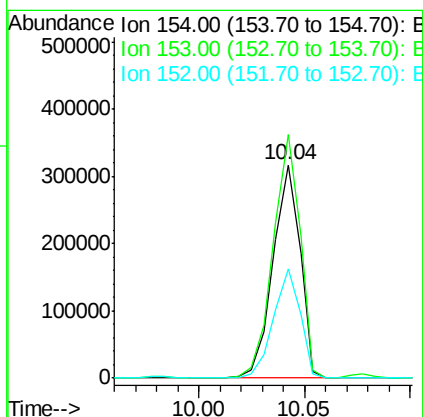
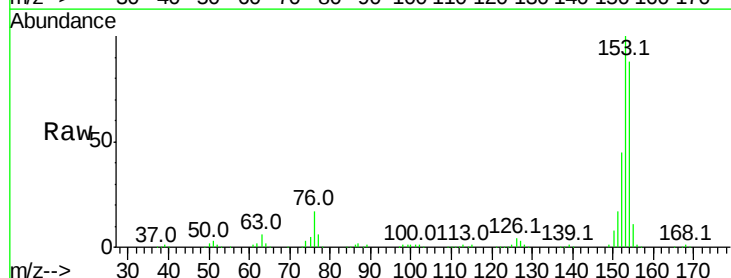
Manual Integrations  
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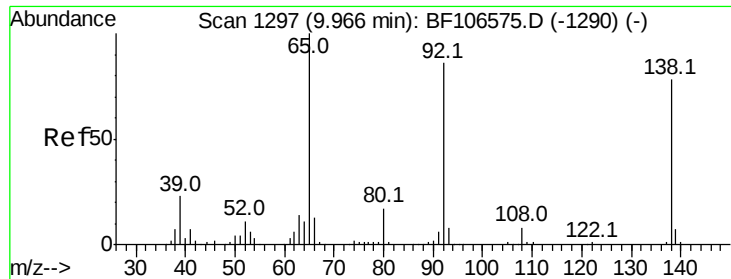
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#51  
 Acenaphthene  
 Concen: 56.638 ng  
 RT: 10.04 min Scan# 1310  
 Delta R.T. 0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 283241 |       |       |
| 153     | 114.3 |        | 91.2  | 136.8 |
| 152     | 51.4  |        | 43.8  | 65.8  |





#52

3-Nitroaniline

Concen: 34.603 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

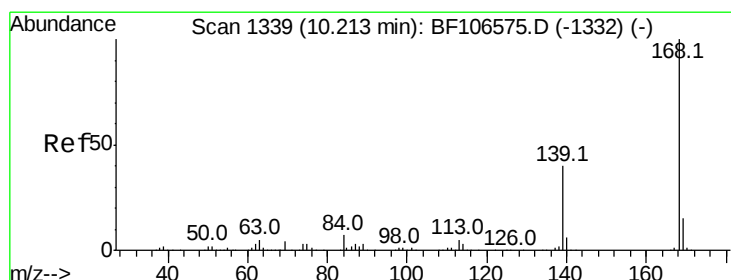
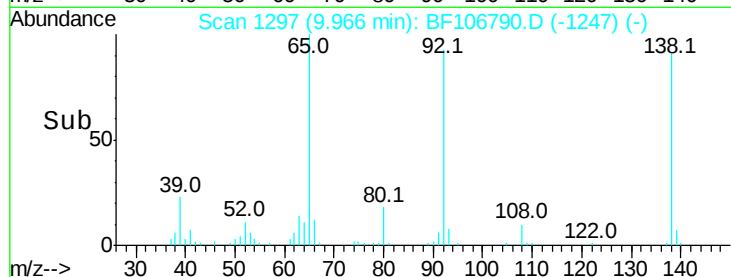
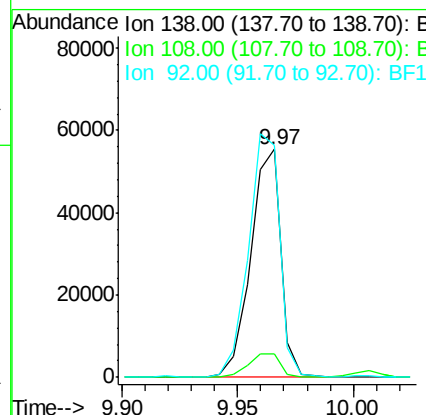
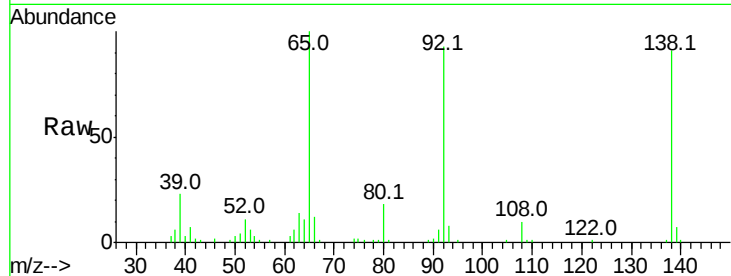
ClientSampleId :

A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 9.4   | 14.0  |
| 92      | 101.6 | 89.4  | 134.2 |

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#54

Dibenzofuran

Concen: 58.118 ng

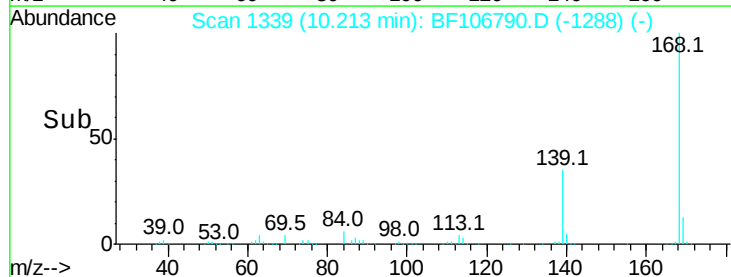
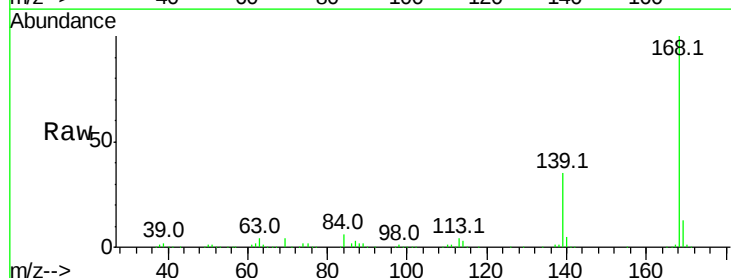
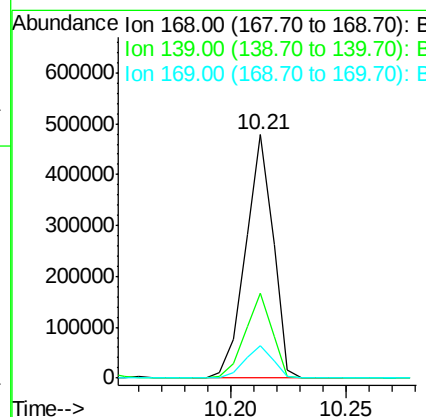
RT: 10.21 min Scan# 1339

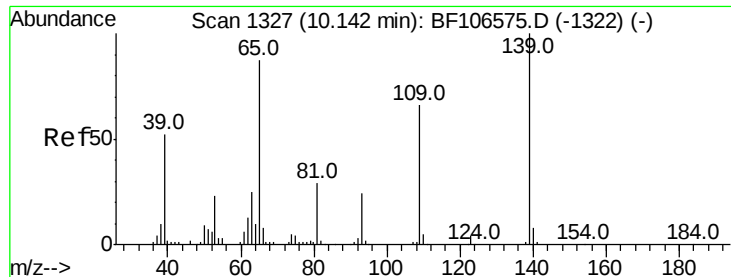
Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.6  | 30.1  | 45.1  |
| 169     | 13.4  | 10.9  | 16.3  |





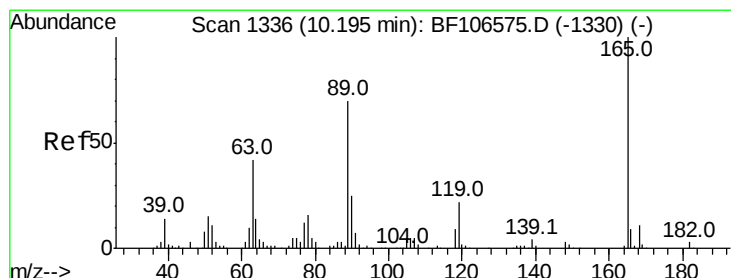
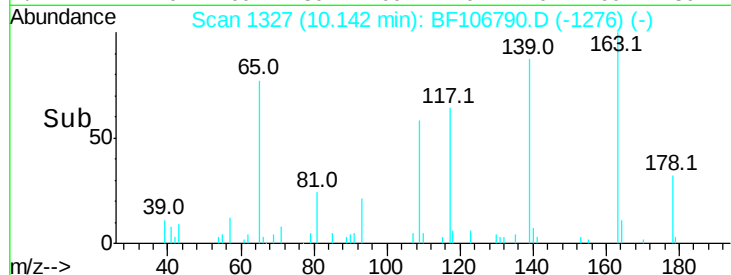
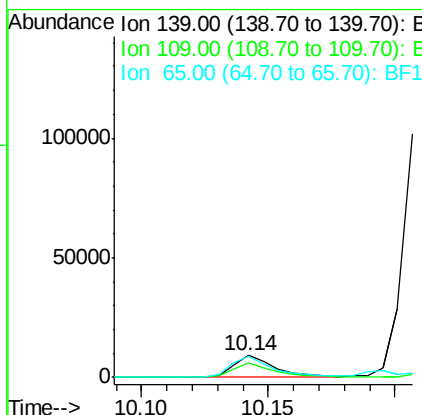
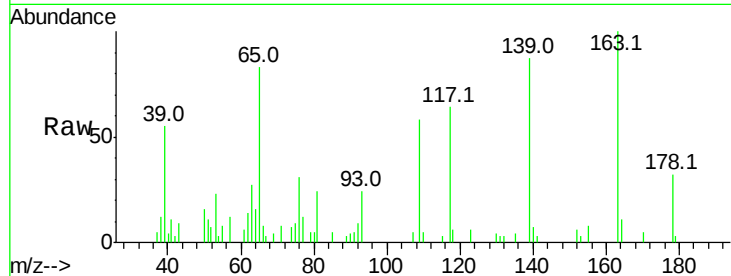
#55  
4-Nitrophenol  
Concen: 10.116 ng  
RT: 10.14 min Scan# 1327  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampled :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.8  | 48.4  | 88.4  |
| 65      | 95.5  | 72.6  | 112.6 |

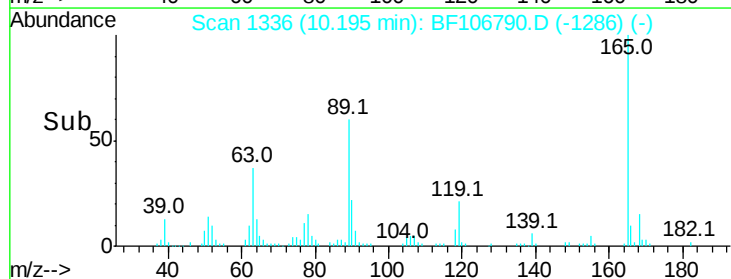
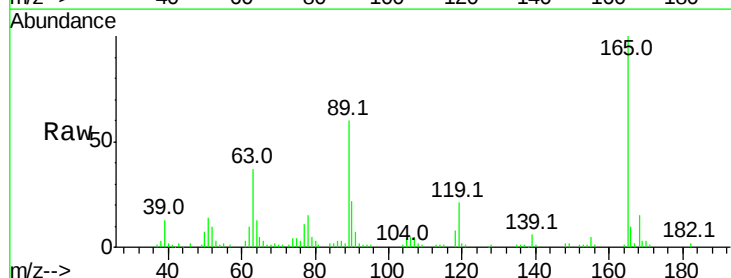
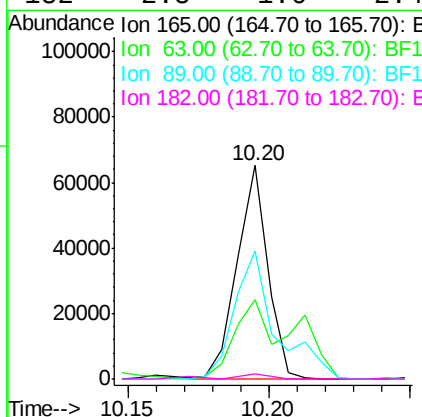
Manual Integrations  
APPROVED

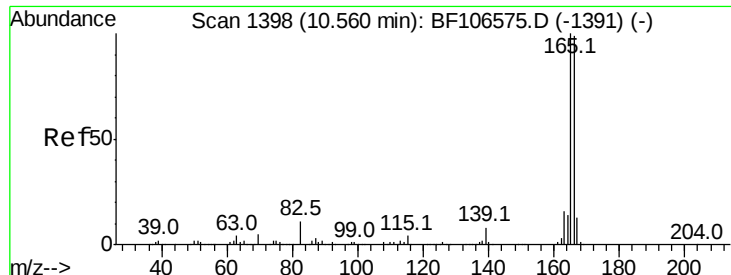
Sohil  
6/27/2018 10:55:51 AM



#56  
2,4-Dinitrotoluene  
Concen: 29.863 ng  
RT: 10.20 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.0  | 36.4  | 54.6  |
| 89      | 59.8  | 57.8  | 86.6  |
| 182     | 2.5   | 1.6   | 2.4#  |





#57

Fluorene

Concen: 57.635 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

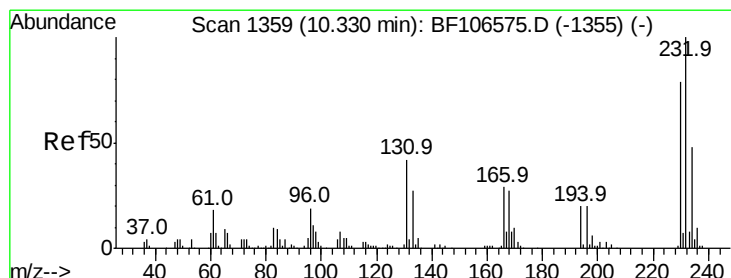
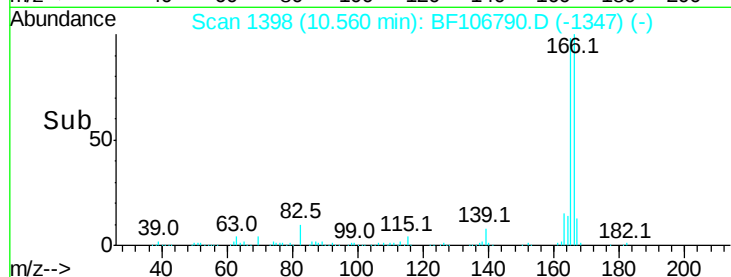
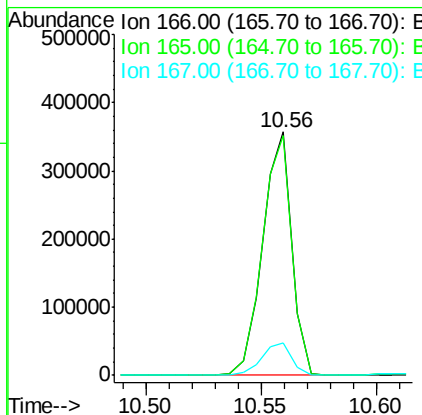
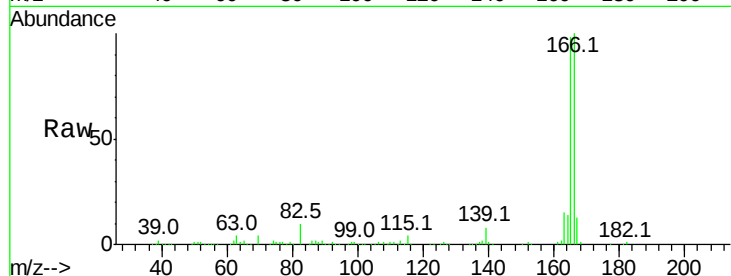
ClientSampleId :

A-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 313182 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.3  | 79.8  | 119.8  |
| 167       | 13.4  | 10.6  | 16.0   |

Manual Integrations  
APPROVED

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6/27/2018 10:55:51 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.285 ng

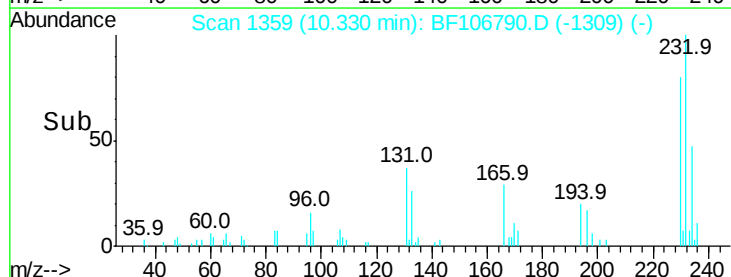
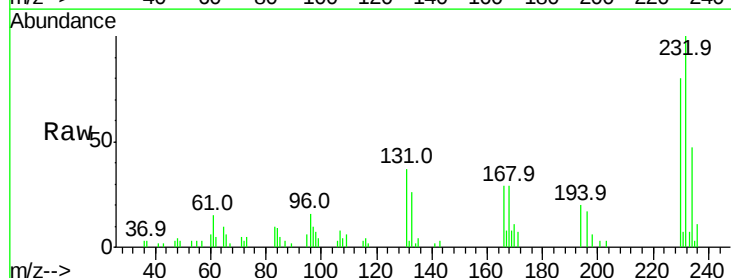
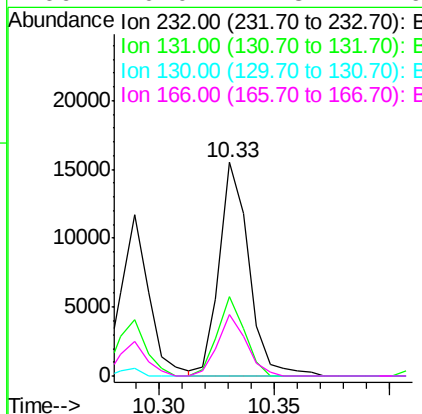
RT: 10.33 min Scan# 1359

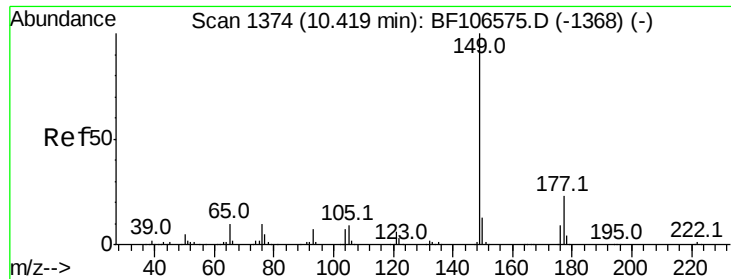
Delta R.T. -0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 13824 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 34.2  | 43.8  | 65.8# |
| 130       | 0.0   | 2.1   | 3.1#  |
| 166       | 0.0   | 27.8  | 41.6# |





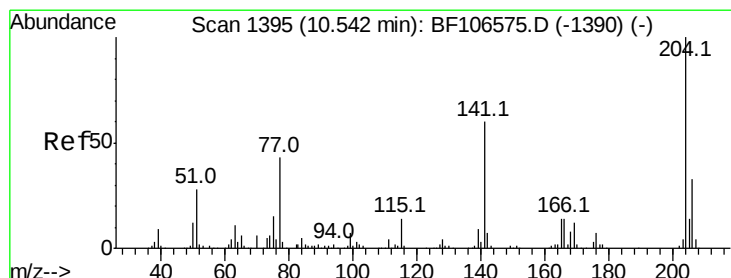
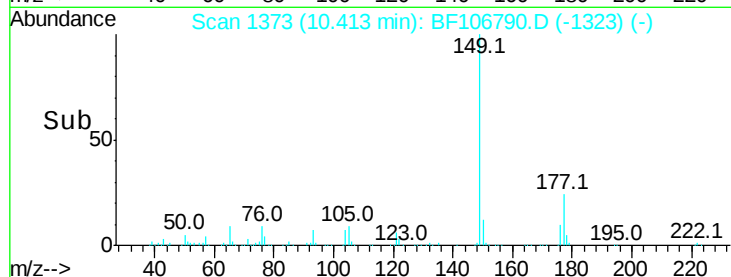
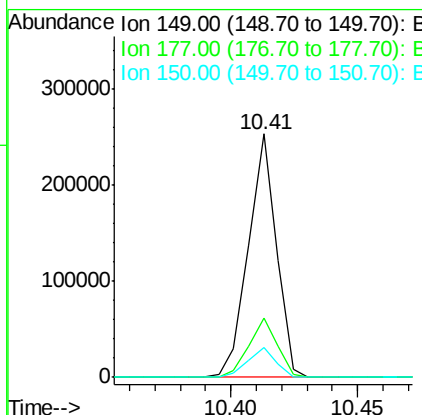
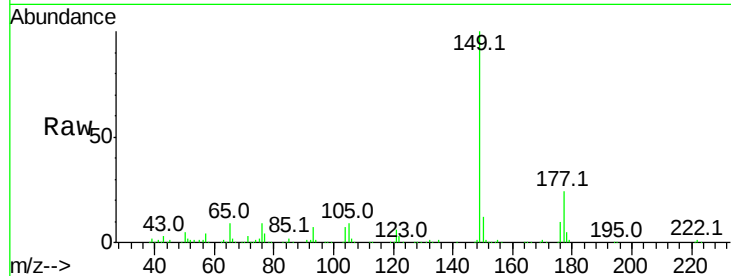
#59  
Diethylphthalate  
Concen: 33.843 ng  
RT: 10.41 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 196442 |       |       |
| 177     | 24.4  | 16.1   | 24.1# |       |
| 150     | 12.4  | 10.1   | 15.1  |       |

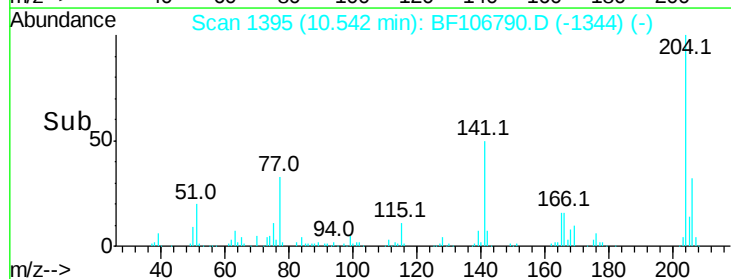
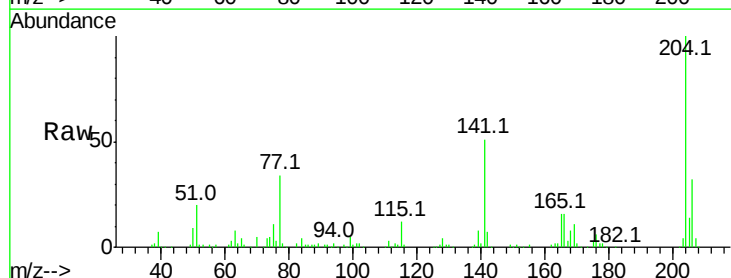
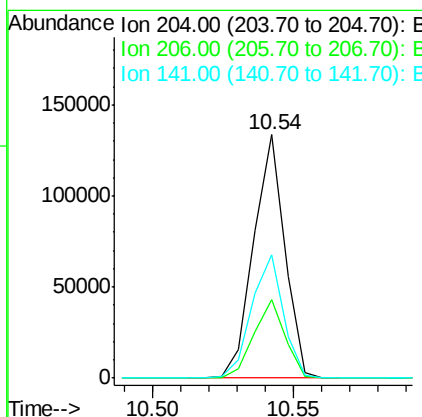
Manual Integrations  
APPROVED

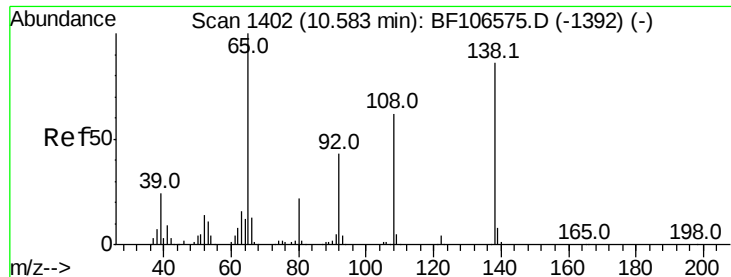
Sohil  
6/27/2018 10:55:51 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 36.020 ng  
RT: 10.54 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 102410 |       |       |
| 206     | 32.2  | 26.5   | 39.7  |       |
| 141     | 50.7  | 54.6   | 81.8# |       |





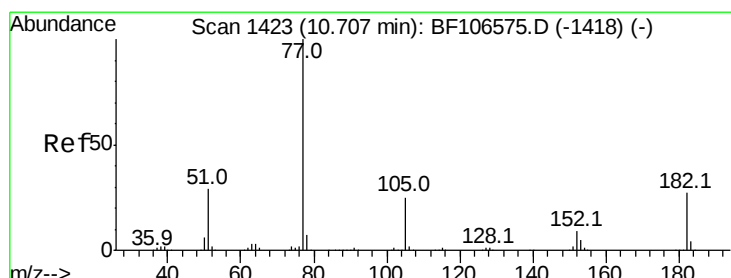
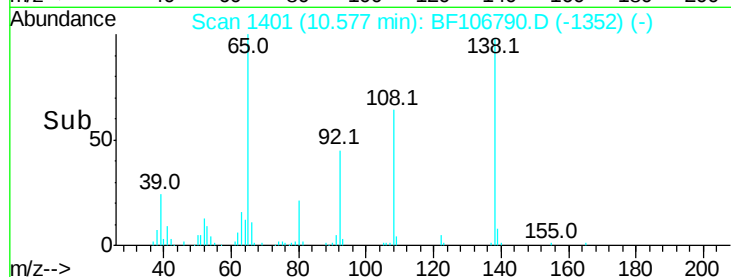
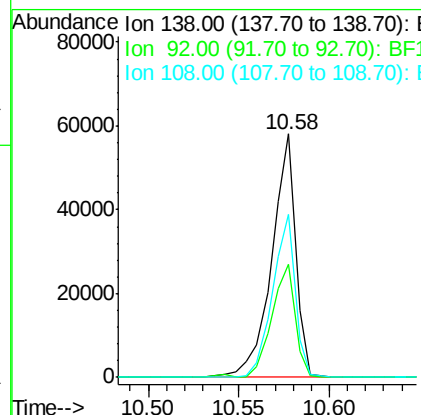
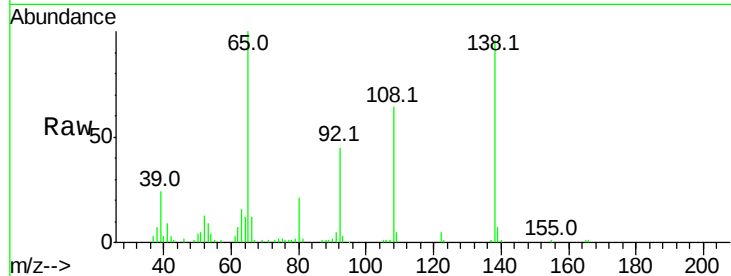
#61  
4-Nitroaniline  
Concen: 36.752 ng  
RT: 10.58 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.6  | 30.2  | 70.2  |
| 108     | 66.8  | 52.5  | 92.5  |

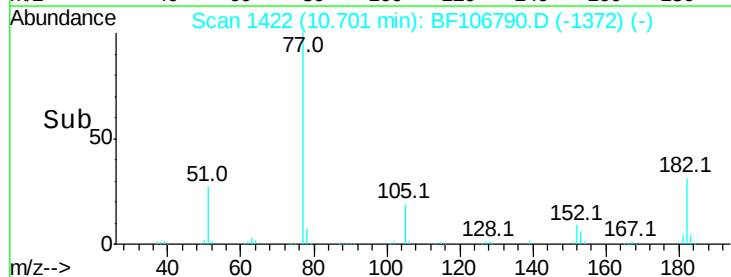
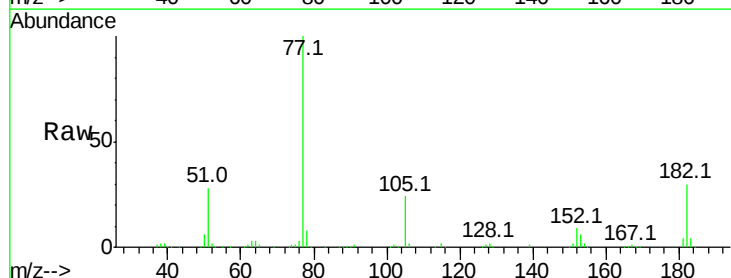
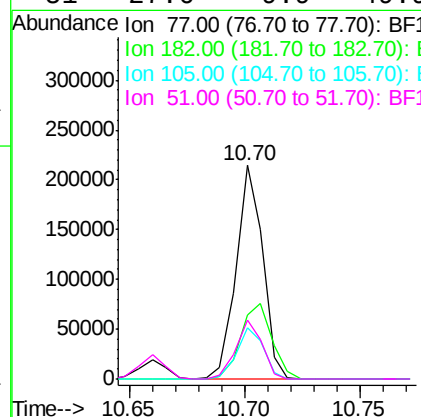
Manual Integrations  
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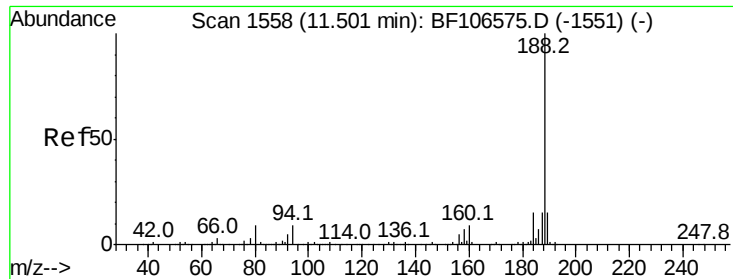
Sohil  
6/27/2018 10:55:51 AM



#62  
Azobenzene  
Concen: 30.080 ng  
RT: 10.70 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 30.1  | 1.7   | 41.7  |
| 105     | 24.0  | 3.0   | 43.0  |
| 51      | 27.6  | 9.9   | 49.9  |





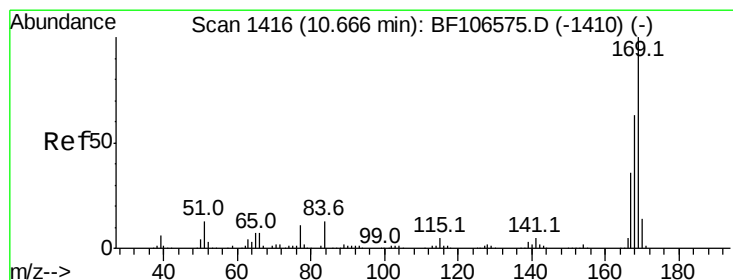
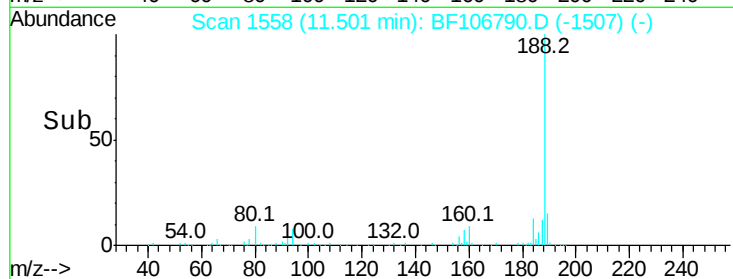
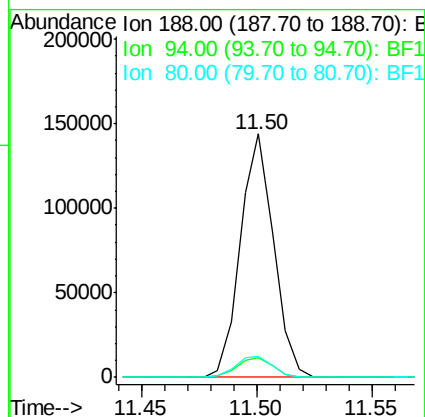
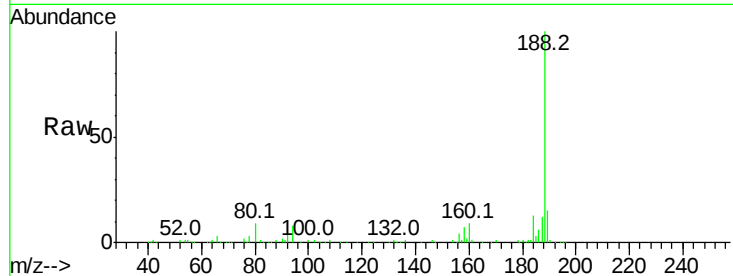
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1558  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

|                       |              |
|-----------------------|--------------|
| Tot Ion:188           | Resp: 144441 |
| Ion Ratio Lower Upper |              |
| 188 100               |              |
| 94 8.1                | 8.5 12.7#    |
| 80 8.8                | 9.2 13.8#    |

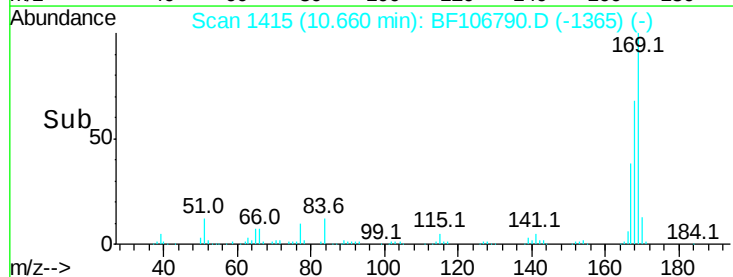
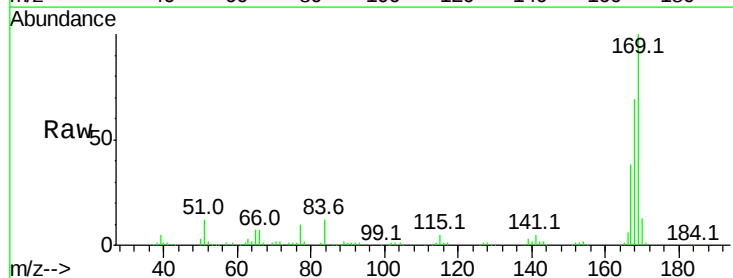
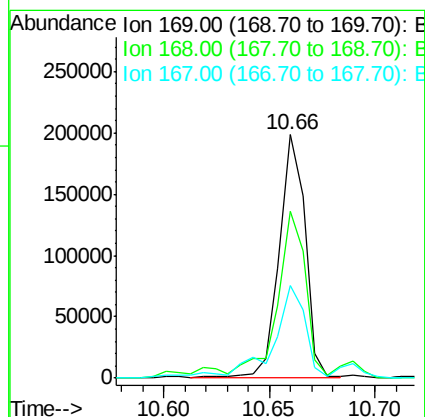
Manual Integrations  
APPROVED

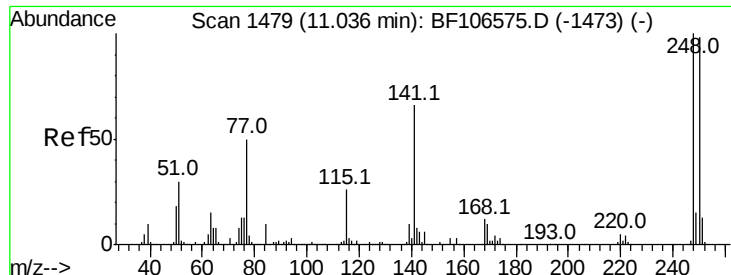
Sohil  
6/27/2018 10:55:51 AM



#65  
n-Nitrosodiphenylamine  
Concen: 34.694 ng  
RT: 10.66 min Scan# 1415  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

|                       |              |
|-----------------------|--------------|
| Tgt Ion:169           | Resp: 168556 |
| Ion Ratio Lower Upper |              |
| 169 100               |              |
| 168 68.6              | 54.4 81.6    |
| 167 38.3              | 29.8 44.6    |





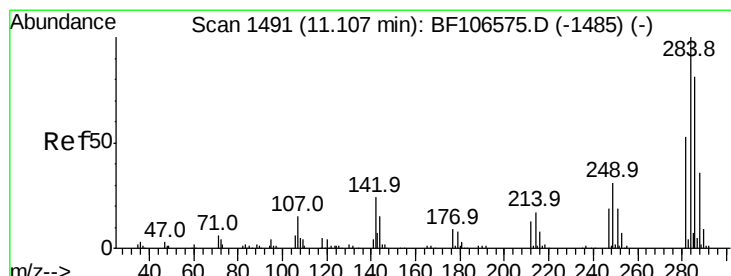
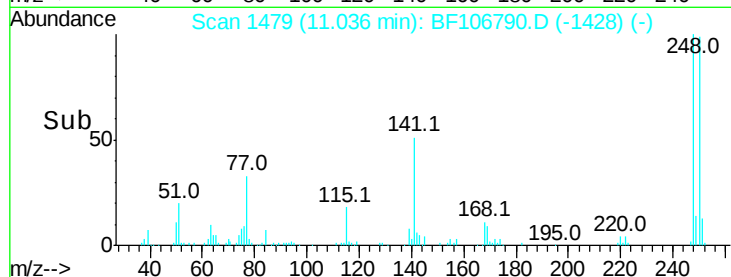
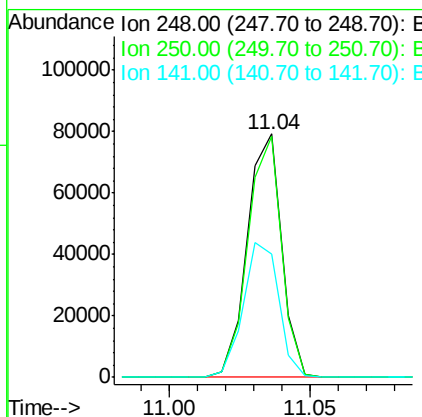
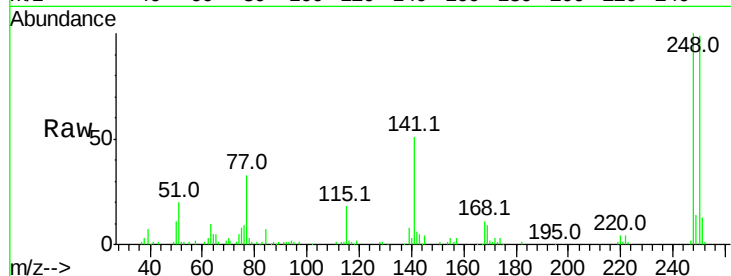
#66  
4-Bromophenyl-phenylether  
Concen: 38.886 ng  
RT: 11.04 min Scan# 1479  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampled :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.9  | 76.9  | 115.3 |
| 141     | 50.9  | 74.4  | 111.6 |

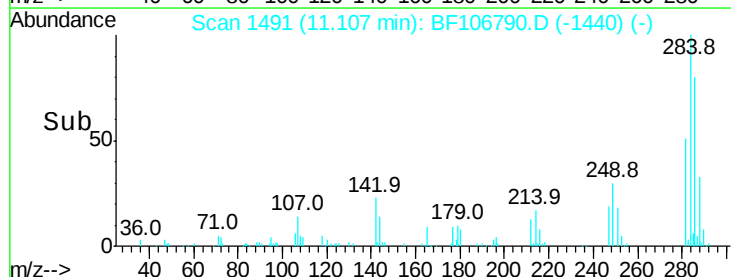
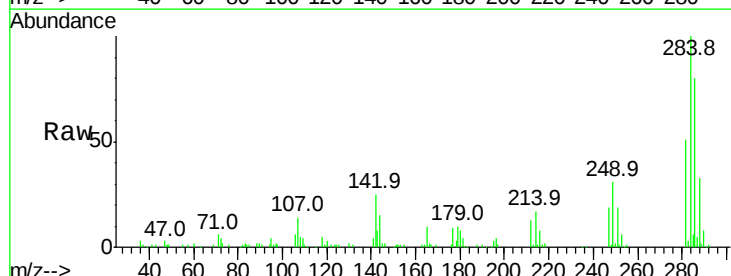
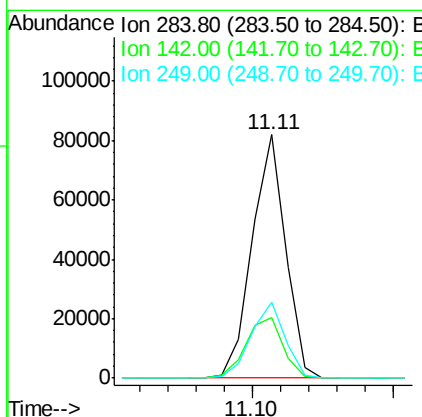
Manual Integrations  
APPROVED

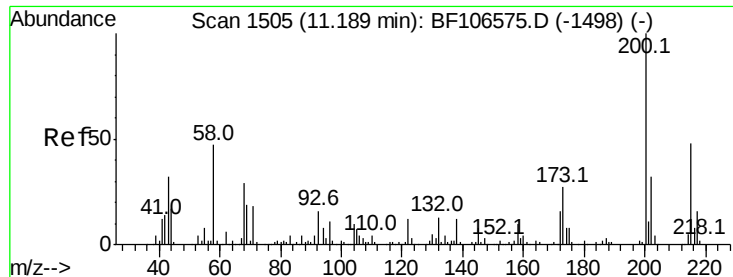
Sohil  
6/27/2018 10:55:51 AM



#67  
Hexachlorobenzene  
Concen: 37.284 ng  
RT: 11.11 min Scan# 1491  
Delta R.T. 0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 24.7  | 34.6  | 52.0  |
| 249     | 31.1  | 24.8  | 37.2  |





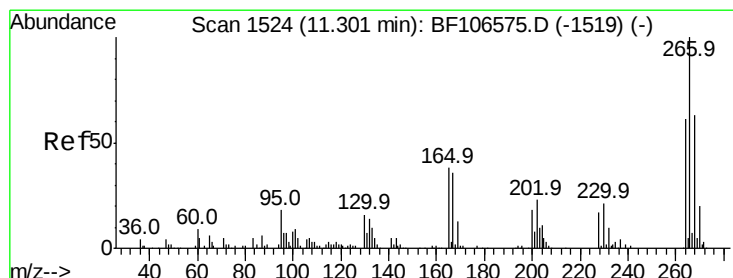
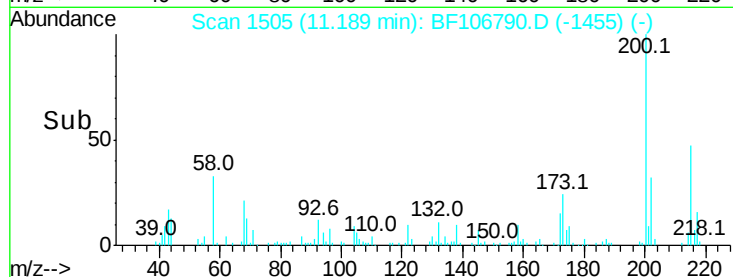
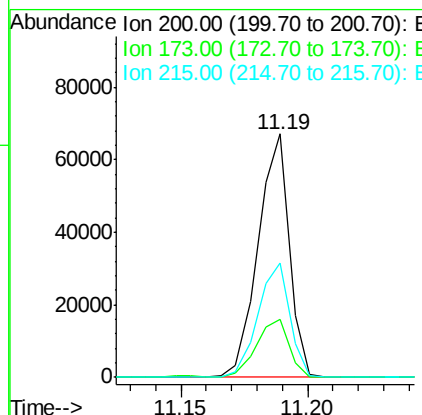
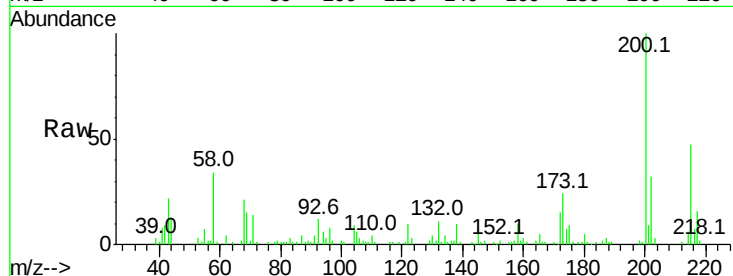
#68  
Atrazine  
Concen: 37.320 ng  
RT: 11.19 min Scan# 1505  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampled :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.8  | 8.6   | 48.6  |
| 215     | 47.0  | 25.1  | 65.1  |

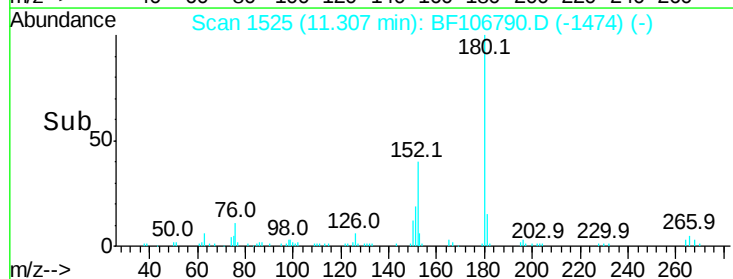
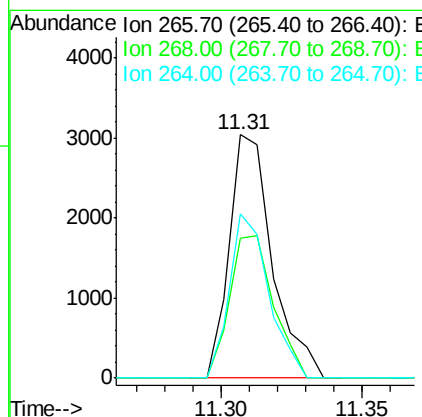
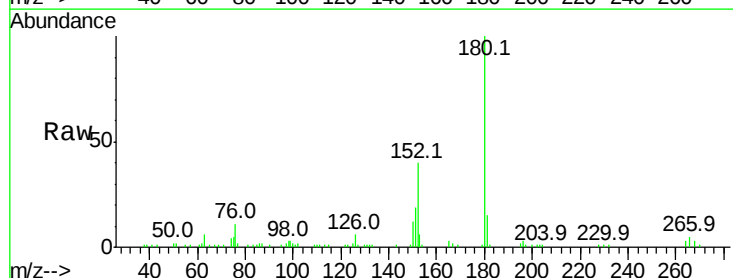
Manual Integrations  
APPROVED

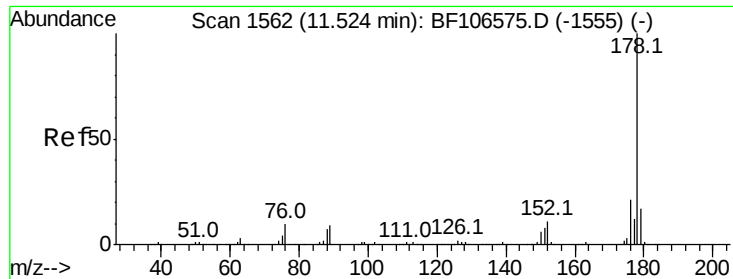
Sohil  
6/27/2018 10:55:51 AM



#69  
Pentachlorophenol  
Concen: 3.571 ng  
RT: 11.31 min Scan# 1525  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 57.4  | 51.1  | 76.7  |
| 264     | 67.5  | 49.5  | 74.3  |





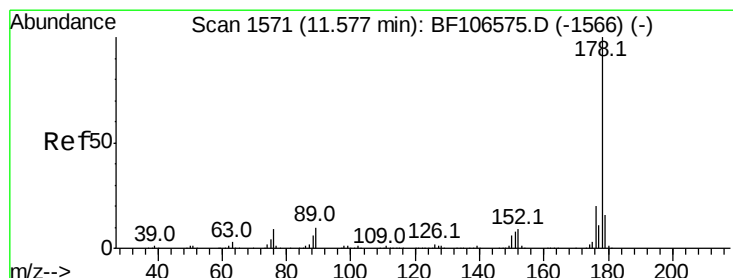
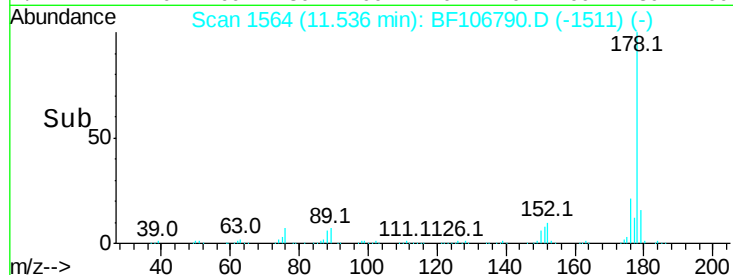
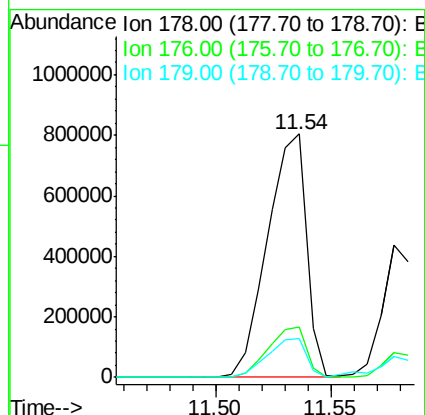
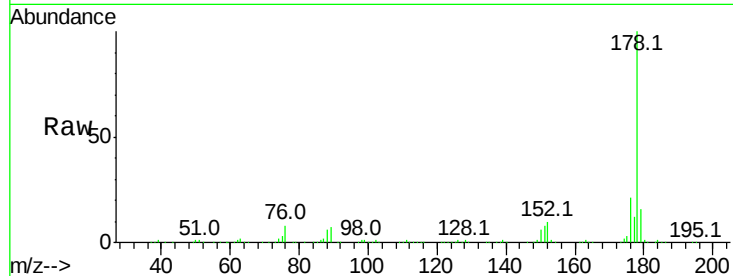
#70  
Phenanthrene  
Concen: 135.566 ng  
RT: 11.54 min Scan# 1564  
Delta R.T. 0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 15.8  | 23.8  |
| 179     | 15.8  | 13.0  | 19.6  |

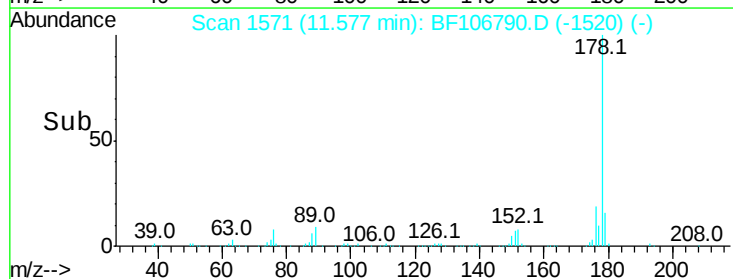
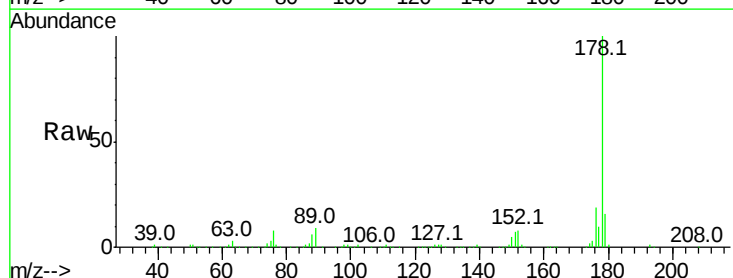
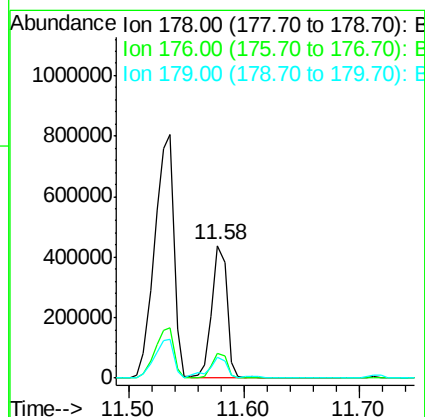
Manual Integrations  
APPROVED

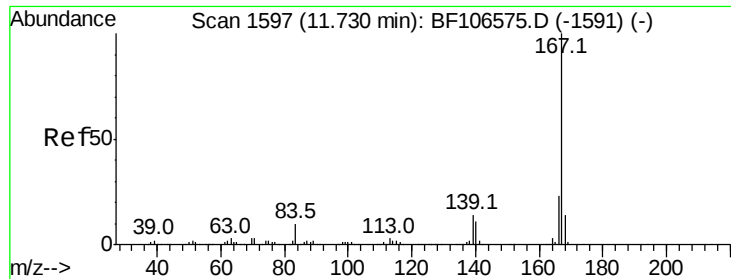
Sohil  
6/27/2018 10:55:51 AM



#71  
Anthracene  
Concen: 56.855 ng  
RT: 11.58 min Scan# 1571  
Delta R.T. -0.00 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.4  | 23.2  |
| 179     | 15.9  | 12.6  | 19.0  |





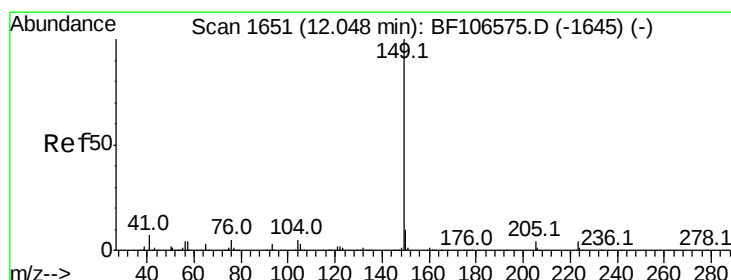
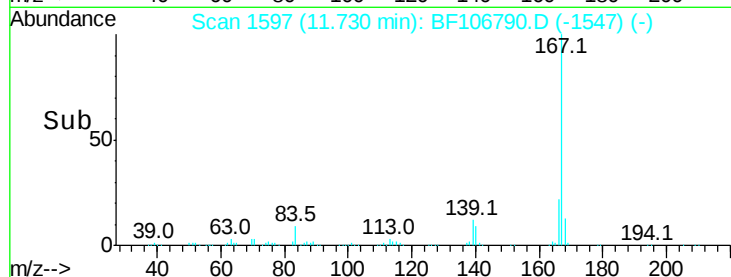
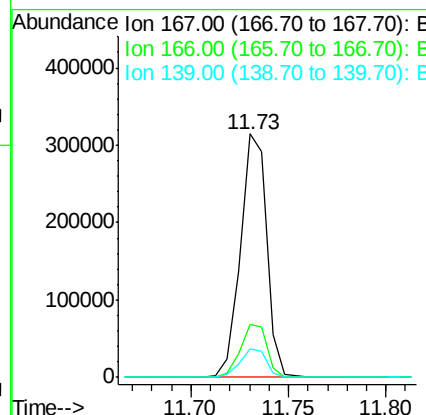
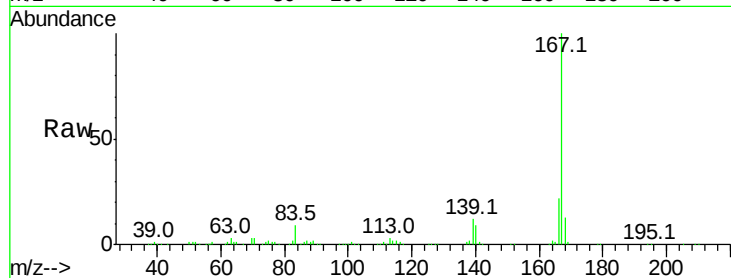
#72  
 Carbazole  
 Concen: 44.058 ng  
 RT: 11.73 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.6  | 26.4  |
| 139     | 11.9  | 10.9  | 16.3  |

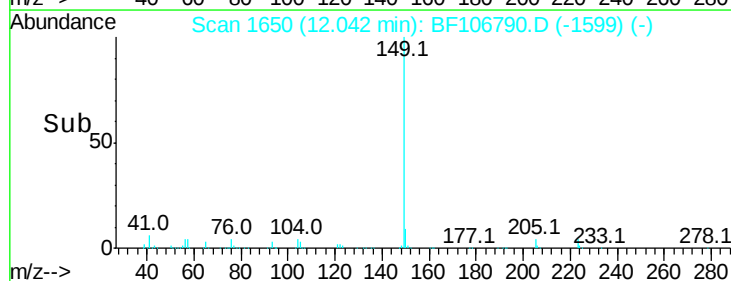
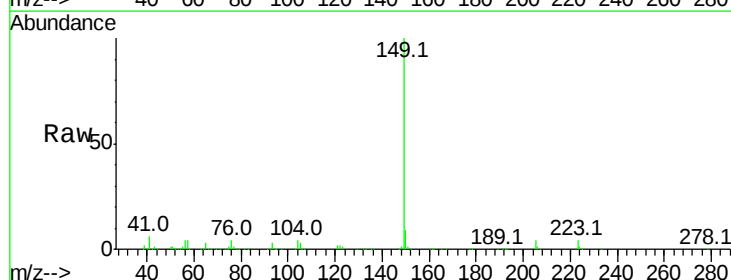
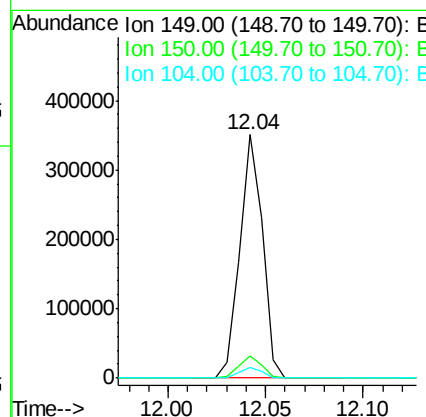
Manual Integrations  
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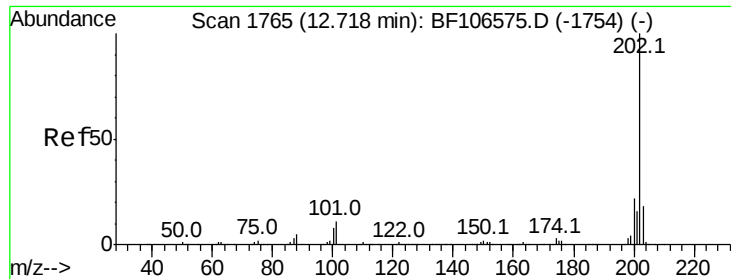
Sohil  
 6/27/2018 10:55:51 AM



#73  
 Di-n-butylphthalate  
 Concen: 36.144 ng  
 RT: 12.04 min Scan# 1650  
 Delta R.T. 0.00 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.8   | 11.6  |
| 104     | 4.5   | 3.8   | 5.8   |





#74

Fluoranthene

Concen: 112.653 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

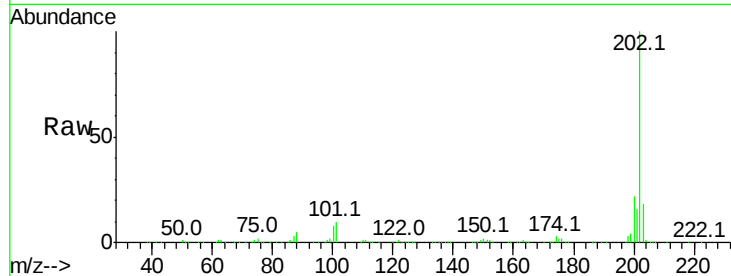
ClientSampled :

A-1MS

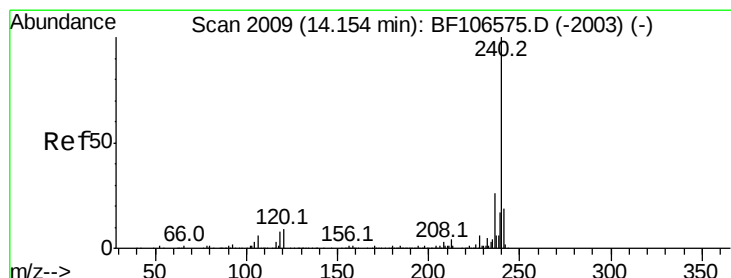
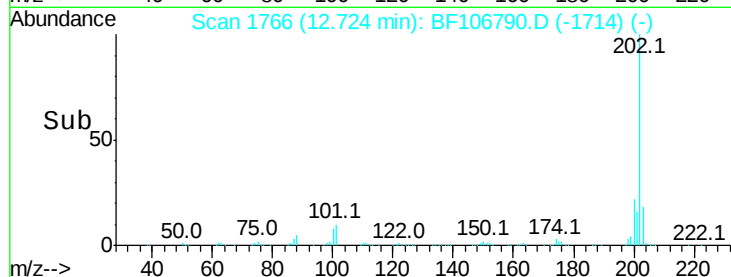
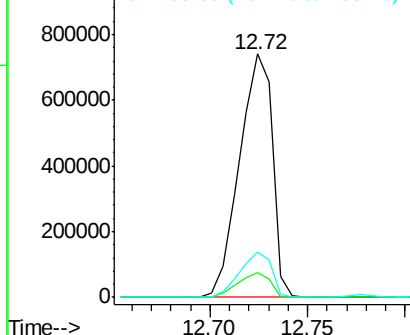
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 865028 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.2  | 0.0   | 34.1   |
| 203       | 18.3  | 0.0   | 38.1   |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

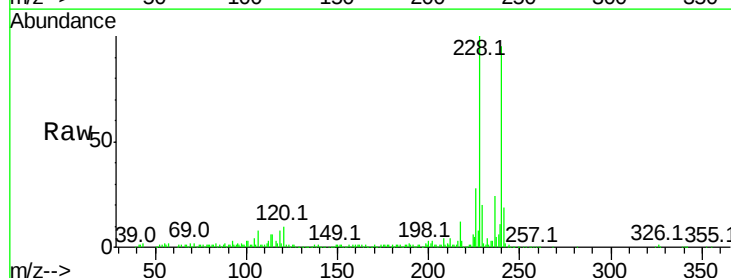
RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

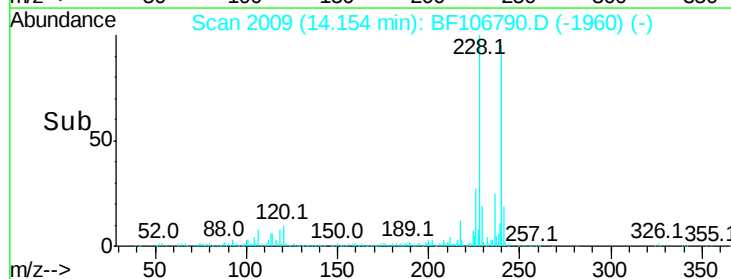
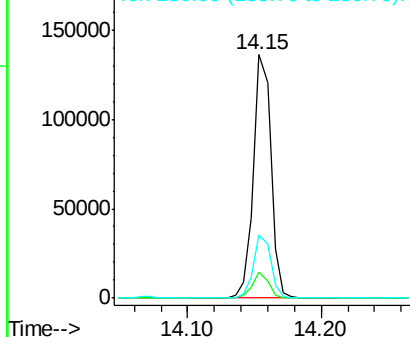
Lab File: BF106790.D

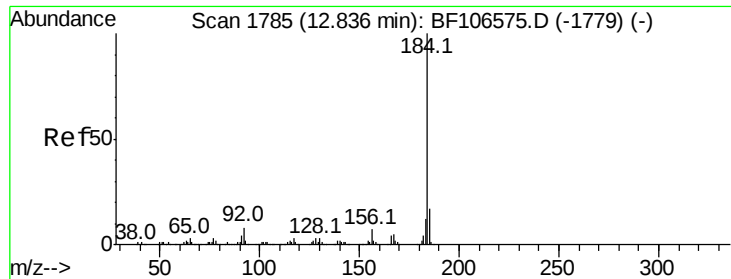
Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 122601 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.6  | 9.5   | 14.3   |
| 236       | 25.7  | 20.7  | 31.1   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 47.135 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

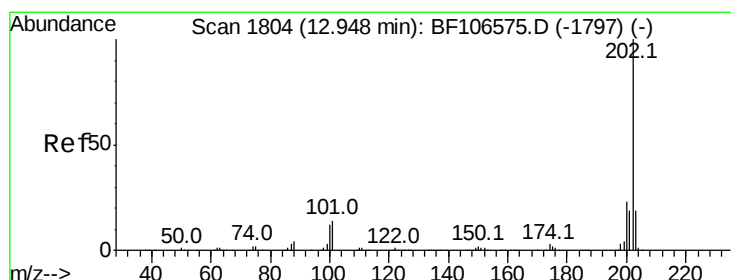
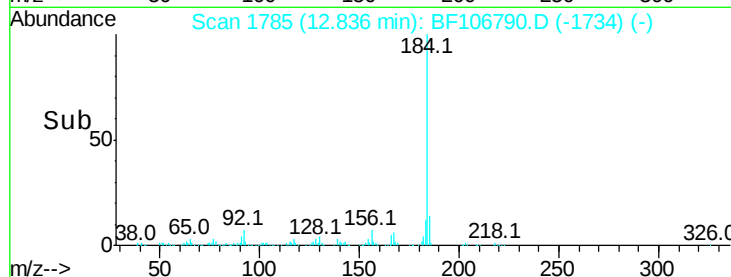
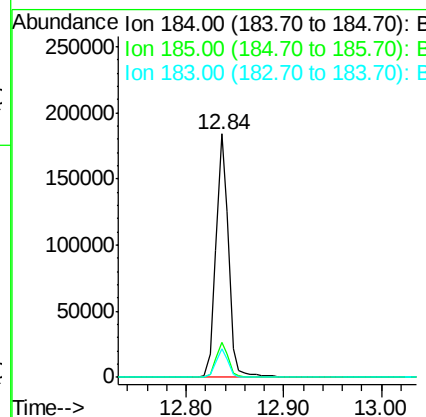
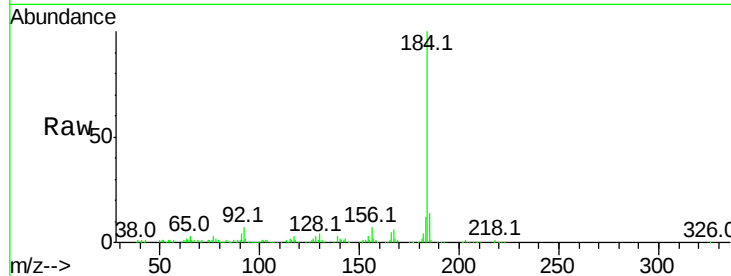
ClientSampled :

A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.4  | 12.6  | 18.8  |
| 183     | 11.6  | 9.3   | 13.9  |

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#77

Pyrene

Concen: 88.910 ng

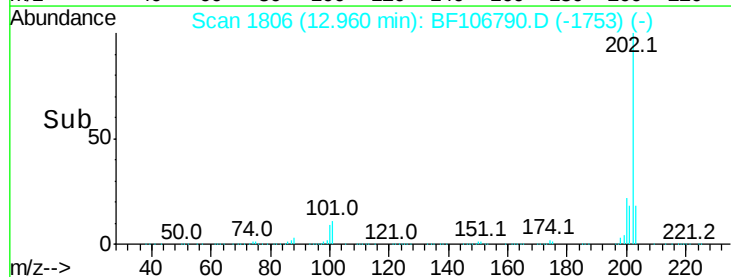
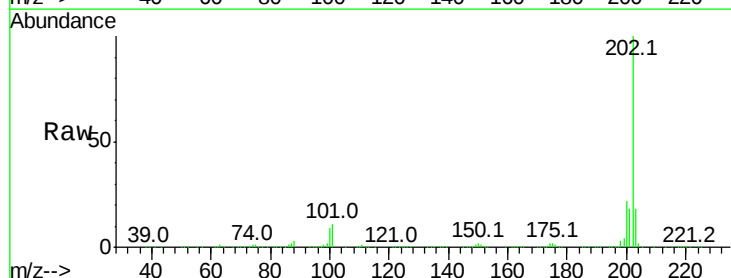
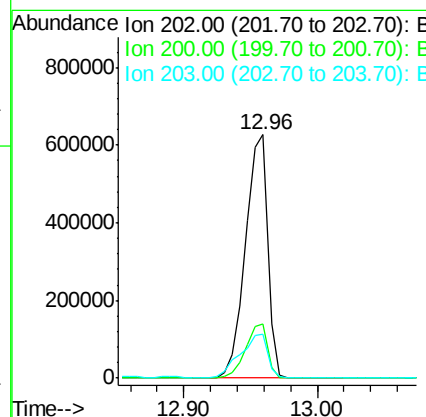
RT: 12.96 min Scan# 1806

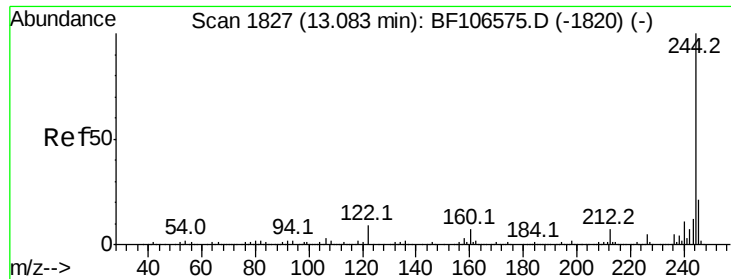
Delta R.T. 0.01 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 17.4  | 26.2  |
| 203     | 18.0  | 14.3  | 21.5  |





#78

Terphenyl-d14

Concen: 87.286 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

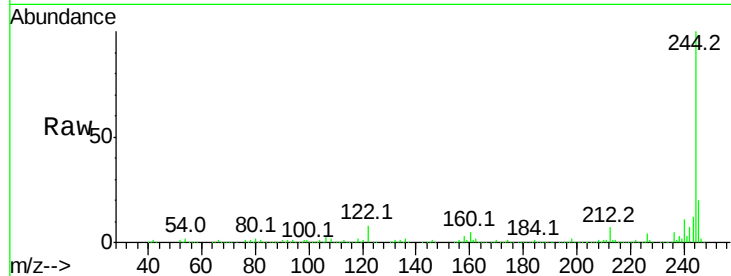
ClientSampled :

A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.4   | 8.0   |
| 122     | 8.1   | 11.0  | 16.4  |

Manual Integrations  
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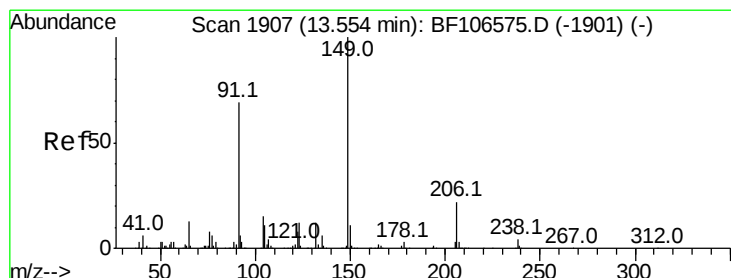
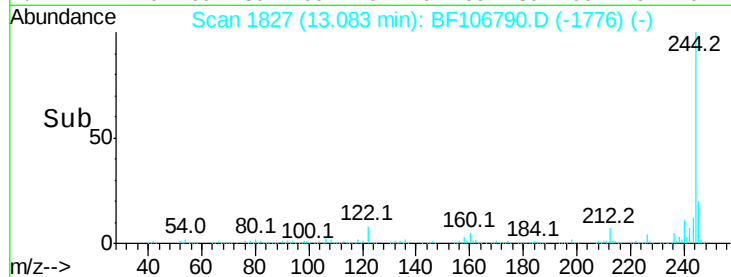
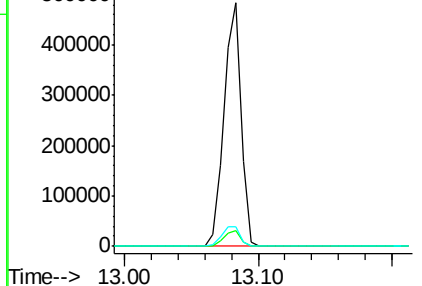
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 35.890 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106790.D

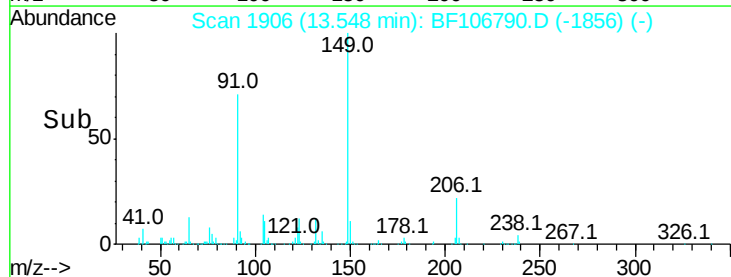
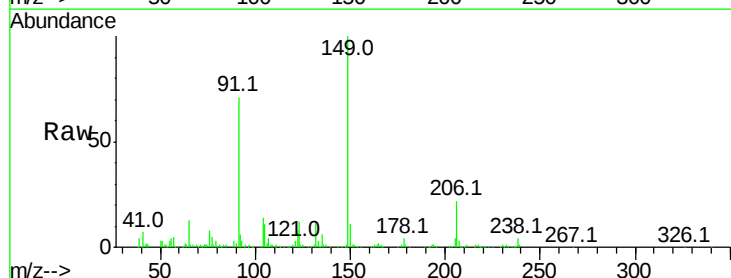
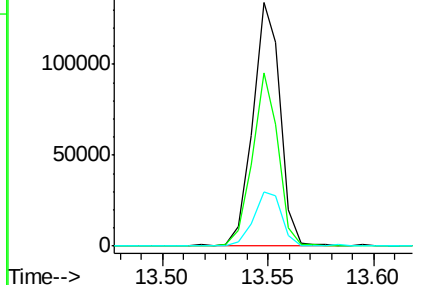
Acq: 25 Jun 2018 23:40

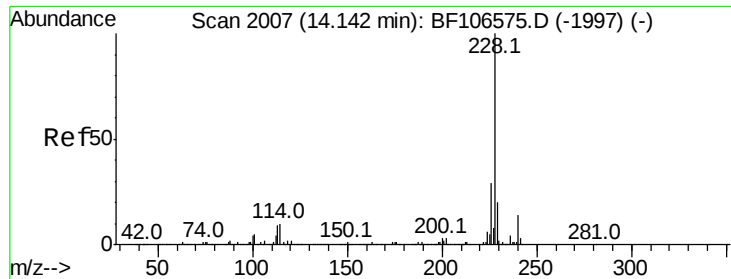
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.1  | 56.8  | 85.2  |
| 206     | 22.0  | 14.1  | 21.1  |

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





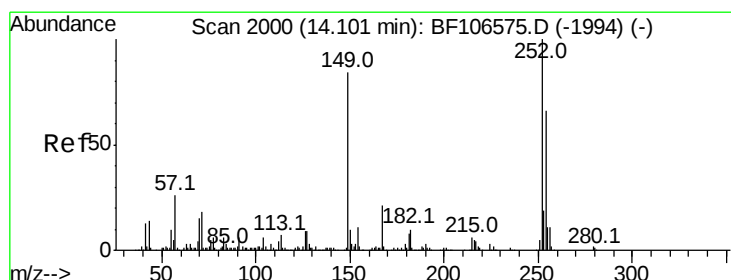
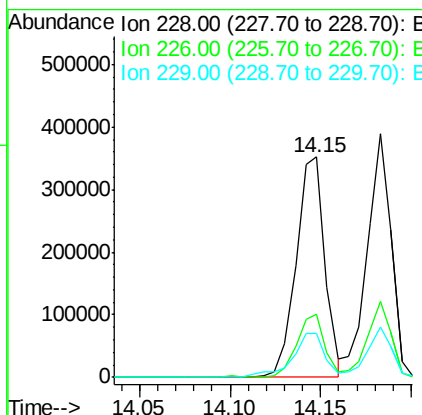
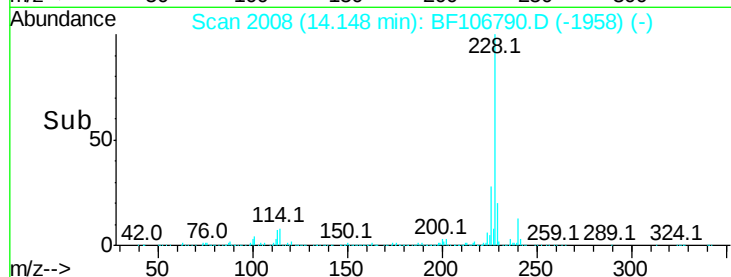
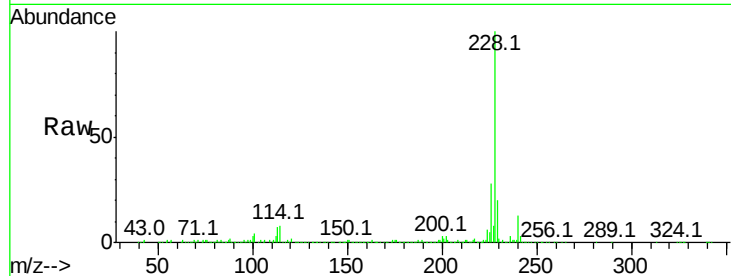
#80  
Benzo(a)anthracene  
Concen: 52.191 ng  
RT: 14.15 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampled :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 22.6  | 33.8  |
| 229     | 20.2  | 15.8  | 23.6  |

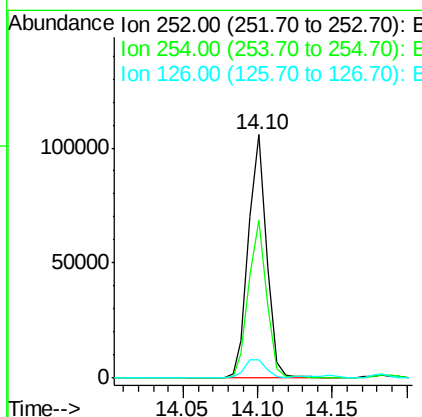
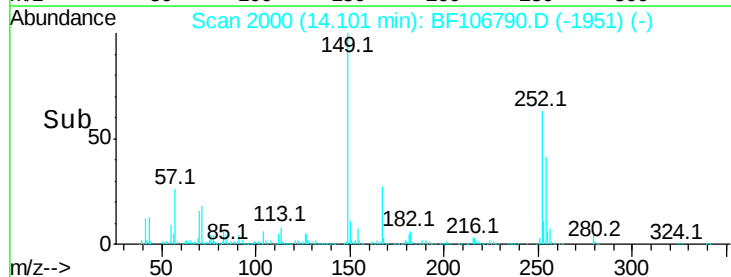
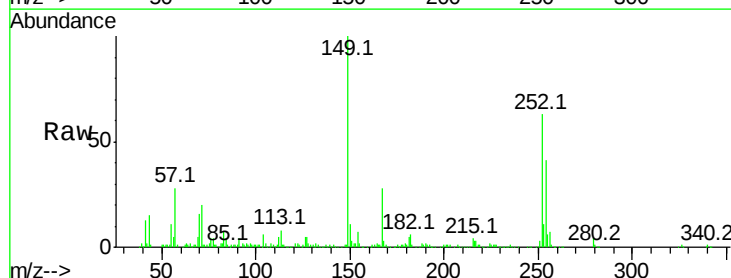
Manual Integrations  
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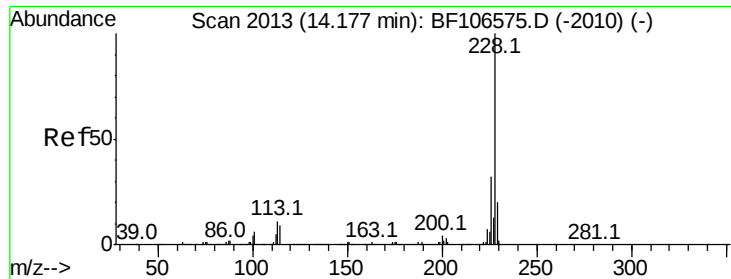
Sohil  
6/27/2018 10:55:51 AM



#81  
3,3'-Dichlorobenzidine  
Concen: 34.055 ng  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.01 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.7  | 50.4  | 75.6  |
| 126     | 7.6   | 11.3  | 16.9  |





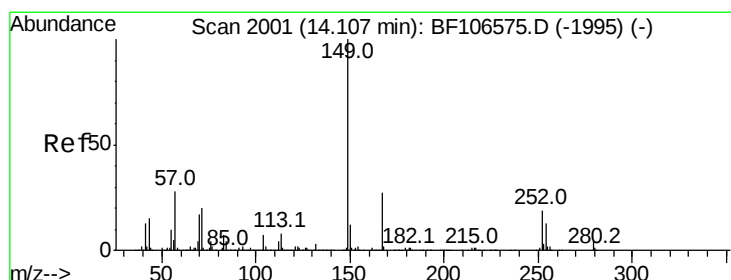
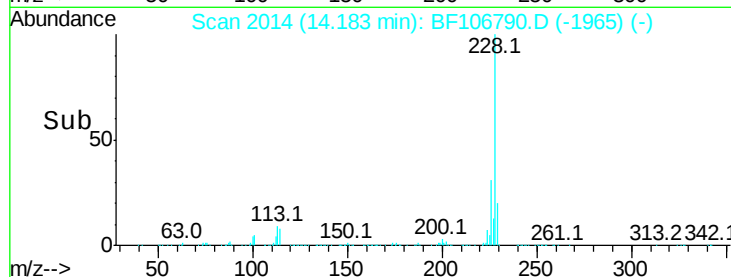
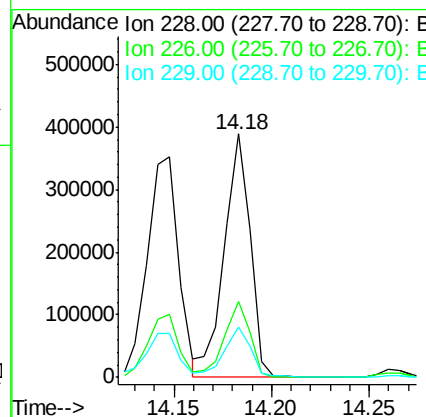
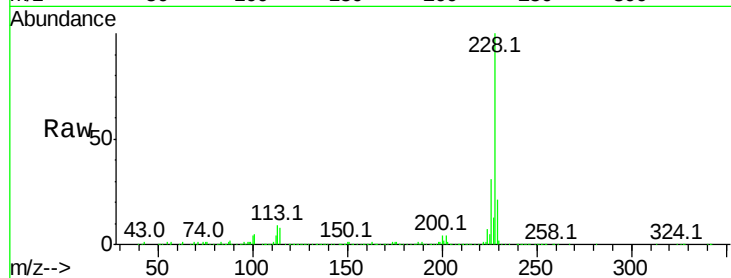
#82  
 Chrvsene  
 Concen: 52.146 ng  
 RT: 14.18 min Scan# 2014  
 Delta R.T. -0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 358467 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.3  | 25.0  | 37.6   |
| 229       | 20.7  | 16.2  | 24.4   |

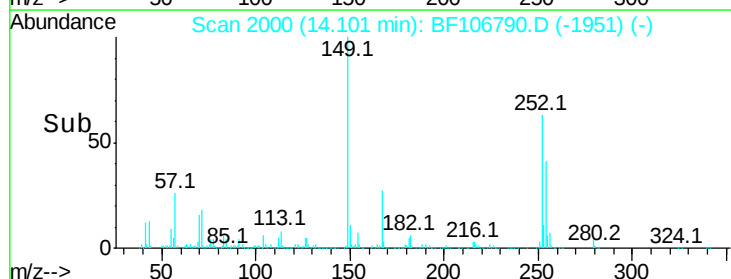
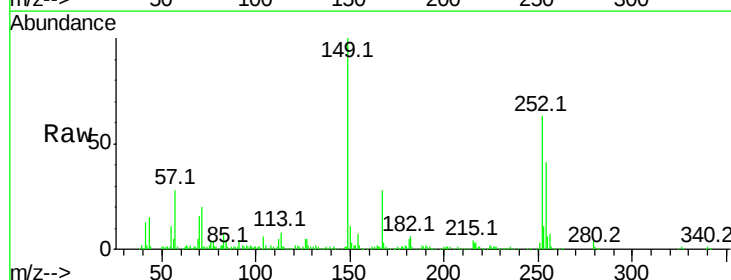
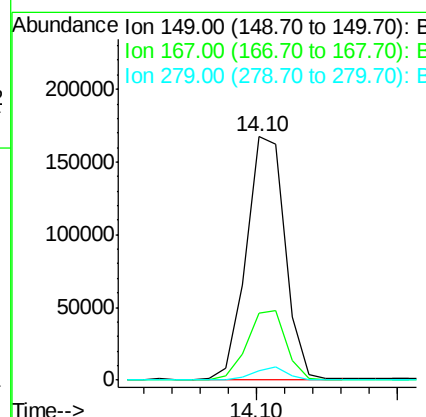
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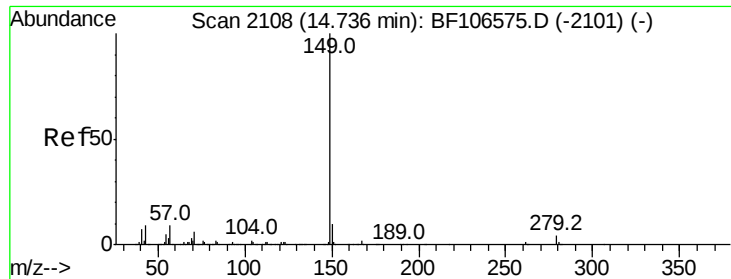
Sohil  
 6/27/2018 10:55:51 AM



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.252 ng  
 RT: 14.10 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BF106790.D  
 Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 158307 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.6  | 21.3  | 31.9   |
| 279       | 4.1   | 3.0   | 4.4    |





#84

Di-n-octyl phthalate

Concen: 39.482 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

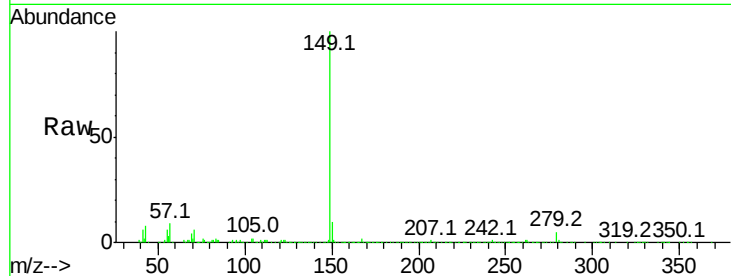
ClientSampleId :

A-1MS

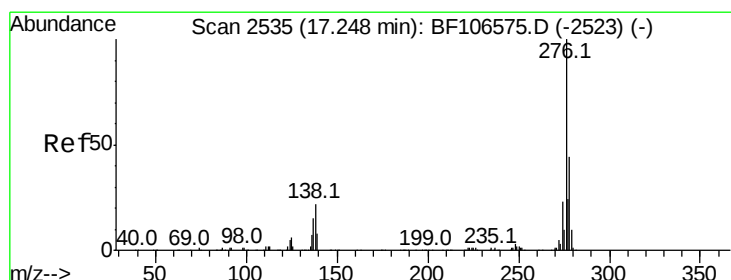
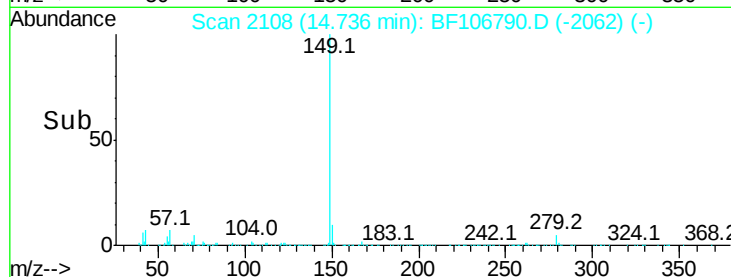
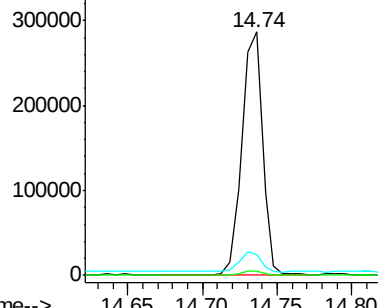
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 273498 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.2   | 1.8    |
| 43        | 7.9   | 8.4   | 12.6#  |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.791 ng

RT: 17.28 min Scan# 2540

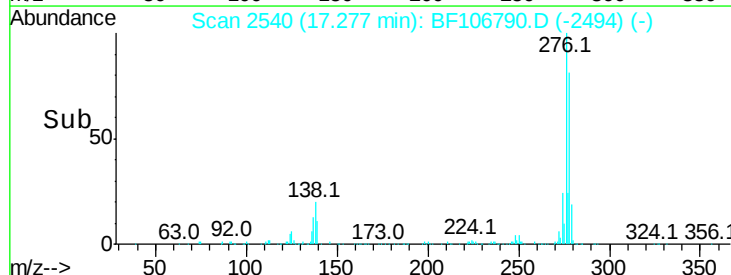
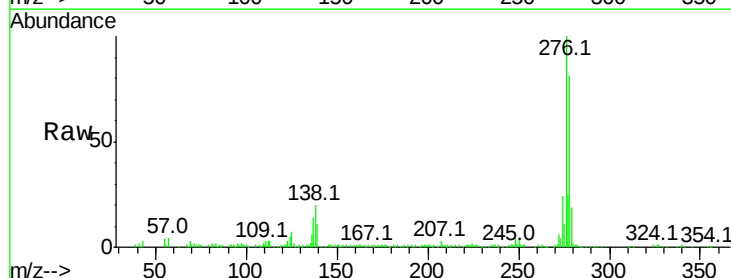
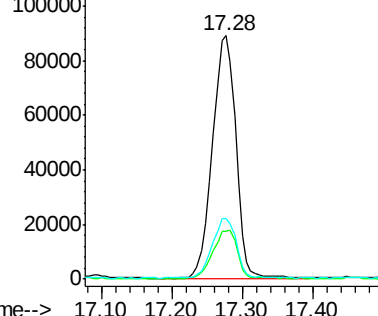
Delta R.T. -0.03 min

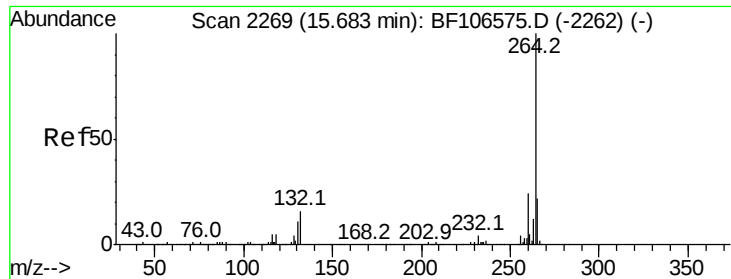
Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 208799 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 21.2  | 25.0  | 37.6#  |
| 277       | 24.6  | 20.1  | 30.1   |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF106790.D

Acq: 25 Jun 2018 23:40

Instrument :

BNA\_F

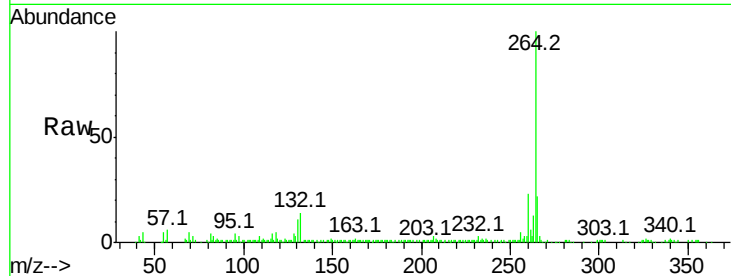
ClientSampled :

A-1MS

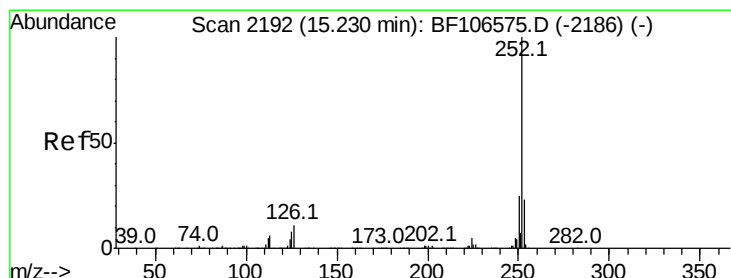
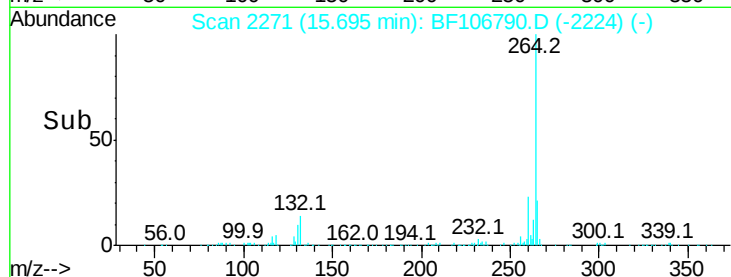
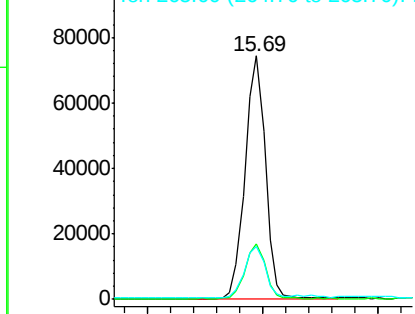
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 264   | Resp: | 92138 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 23.0  | 19.2  | 28.8  |
| 265       | 21.9  | 17.5  | 26.3  |

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6/27/2018 10:55:51 AM



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



#87

Benzo(b)fluoranthene

Concen: 47.159 ng m

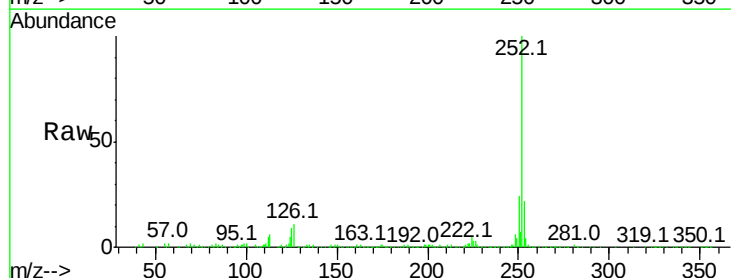
RT: 15.24 min Scan# 2193

Delta R.T. -0.02 min

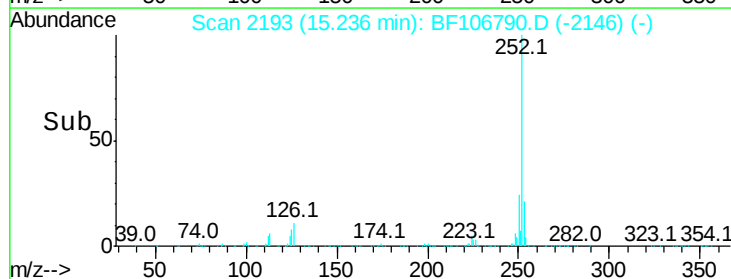
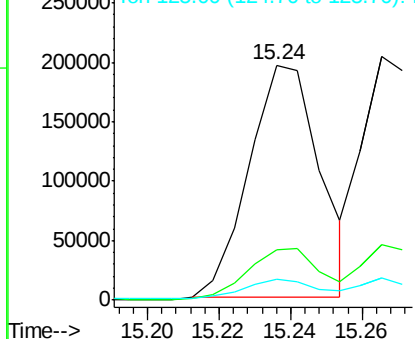
Lab File: BF106790.D

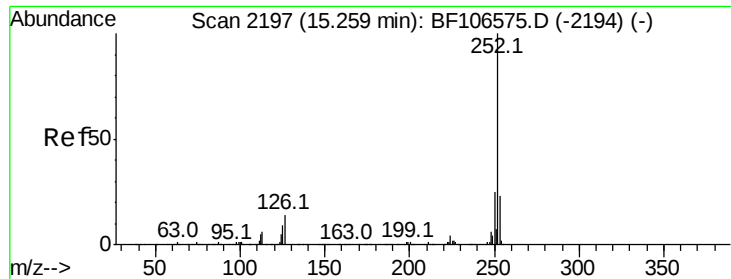
Acq: 25 Jun 2018 23:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 269920 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 17.0  | 25.6   |
| 125       | 8.9   | 9.0   | 13.6#  |



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





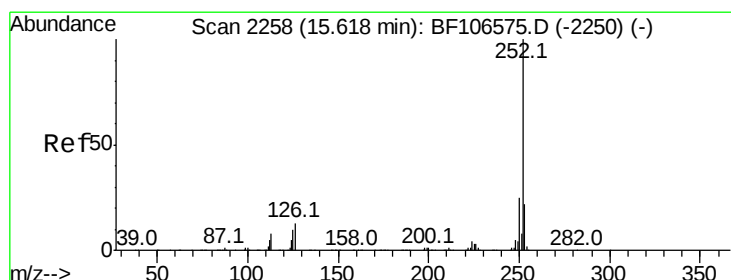
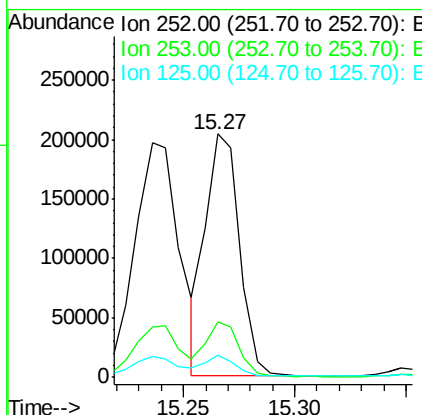
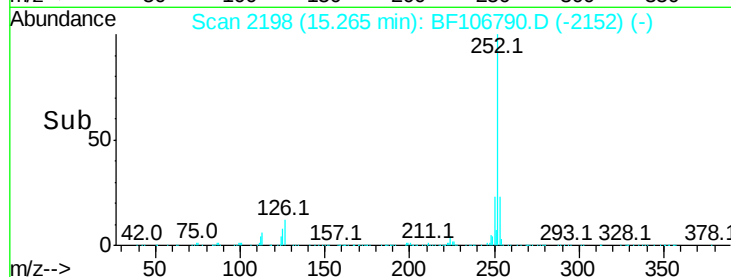
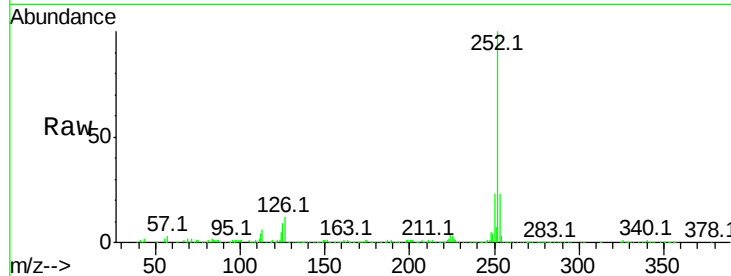
#88  
Benzo(k)fluoranthene  
Concen: 39.621 ng m  
RT: 15.27 min Scan# 2198  
Delta R.T. -0.03 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 215955 |       |       |
| 253     | 22.9  | 17.9   | 26.9  |       |
| 125     | 9.1   | 10.2   | 15.2  |       |

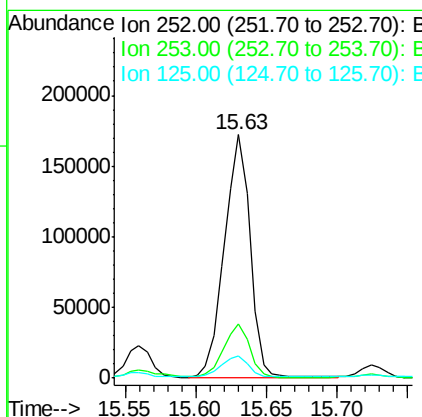
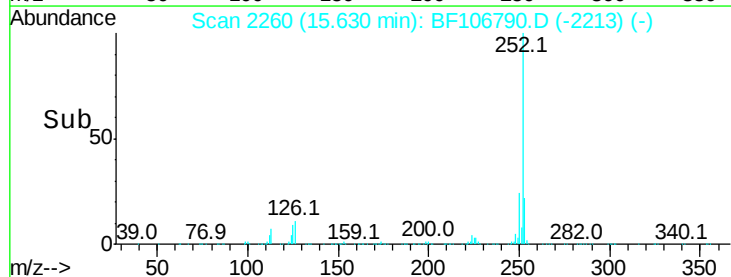
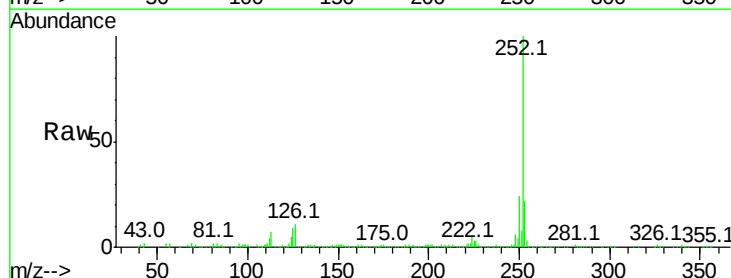
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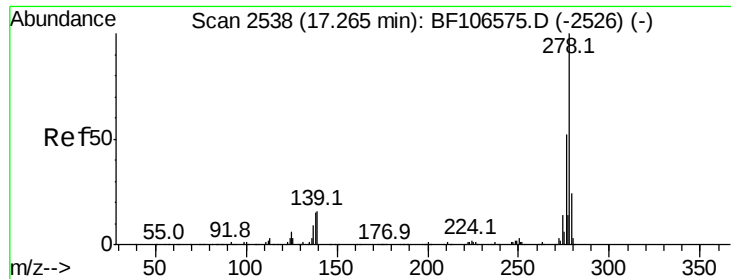
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6/27/2018 10:55:51 AM



#89  
Benzo(a)pyrene  
Concen: 42.938 ng  
RT: 15.63 min Scan# 2260  
Delta R.T. -0.02 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 218473 |       |       |
| 253     | 22.2  | 17.1   | 25.7  |       |
| 125     | 9.2   | 9.8    | 14.6  |       |





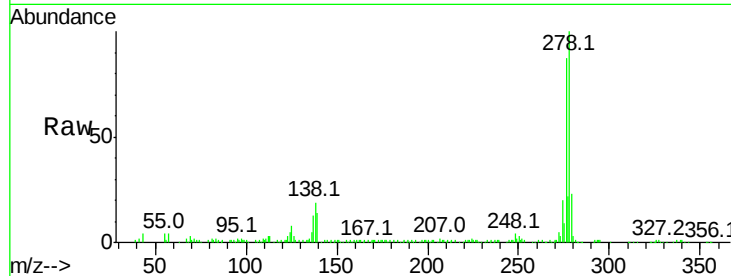
#90  
Dibenzo(a,h)anthracene  
Concen: 37.737 ng  
RT: 17.28 min Scan# 2541  
Delta R.T. -0.04 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

Instrument :  
BNA\_F  
ClientSampleId :  
A-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.0  | 15.9  | 23.9# |
| 279     | 22.6  | 19.0  | 28.4  |

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6/27/2018 10:55:51 AM

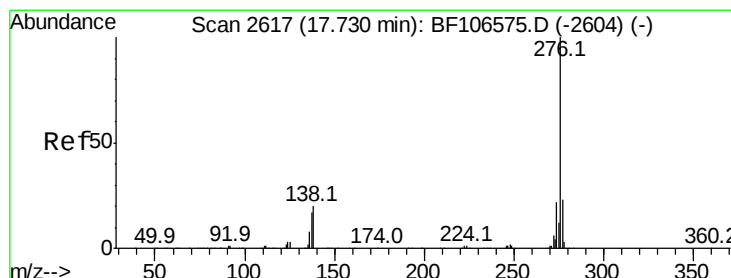
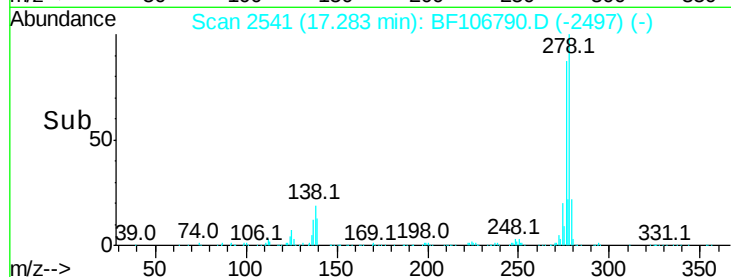
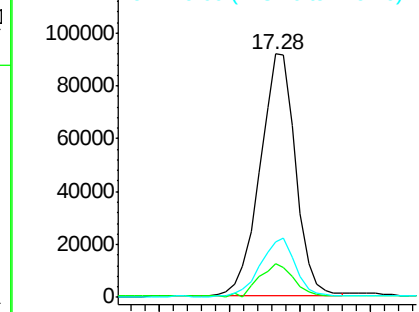


Abundance

Ion 278.00 (277.70 to 278.70): E

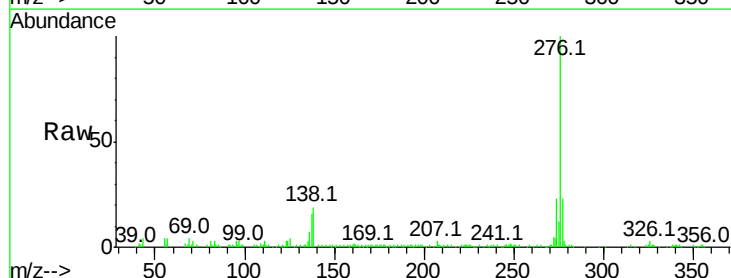
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91  
Benzo(g,h,i)perylene  
Concen: 41.383 ng  
RT: 17.75 min Scan# 2621  
Delta R.T. -0.04 min  
Lab File: BF106790.D  
Acq: 25 Jun 2018 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 17.9  | 26.9  |
| 138     | 18.5  | 21.8  | 32.8# |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

