

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\  
 Data File : BF107866.D  
 Acq On : 31 Jul 2018 22:47  
 Operator : JU/SJ  
 Sample : J4236-01MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

Manual Integrations  
 APPROVED

Sohil  
 8/1/2018 3:57:33 PM

Quant Time: Aug 01 03:56:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 30 17:48:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 167659   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 675283   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.00 | 164  | 268265   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 450883   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 387679   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.69 | 264  | 407448   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 984764  | 99.82 | ng | 0.01 |
| 7) Phenol-d6             | 6.61  | 99  | 1220848 | 93.90 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 810367  | 69.13 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 300882  | 82.54 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.31  | 172 | 1341803 | 69.70 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 1097061 | 61.36 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.87 | 88  | 137518  | 31.919 | ng | 87     |
| 3) Pyridine                    | 3.65 | 79  | 300203  | 28.800 | ng | 86     |
| 4) n-Nitrosodimethylamine      | 3.63 | 42  | 103321  | 20.584 | ng | 99     |
| 6) Aniline                     | 6.64 | 93  | 398257  | 29.450 | ng | # 69   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 420640  | 33.946 | ng | 96     |
| 9) Benzaldehyde                | 6.52 | 77  | 166659  | 21.246 | ng | 94     |
| 10) Phenol                     | 6.62 | 94  | 470634  | 30.355 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 351352  | 25.485 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 430629  | 33.134 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 482498  | 33.351 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 430842  | 32.081 | ng | 99     |
| 15) Benzyl Alcohol             | 7.11 | 79  | 283371  | 35.066 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 666720  | 33.636 | ng | 72     |
| 17) 2-Methylphenol             | 7.22 | 107 | 322483  | 35.254 | ng | # 83   |
| 18) Hexachloroethane           | 7.47 | 117 | 152255  | 29.279 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 279768  | 33.922 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 372795  | 33.194 | ng | # 62   |
| 22) Acetophenone               | 7.37 | 105 | 587740  | 36.177 | ng | # 91   |
| 24) Nitrobenzene               | 7.55 | 77  | 397269  | 32.322 | ng | 99     |
| 25) Isophorone                 | 7.78 | 82  | 765007  | 39.760 | ng | 99     |
| 26) 2-Nitrophenol              | 7.87 | 139 | 220970  | 35.823 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 359193  | 43.494 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 497354  | 39.223 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 336059  | 35.975 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 364294  | 34.184 | ng | 98     |
| 31) Naphthalene                | 8.27 | 128 | 1212006 | 38.611 | ng | 100    |
| 32) Benzoic acid               | 7.97 | 122 | 38380m  | 8.166  | ng |        |
| 33) 4-Chloroaniline            | 8.32 | 127 | 341838  | 25.495 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 209851  | 31.866 | ng | 98     |
| 35) Caprolactam                | 8.68 | 113 | 90104   | 32.041 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 353492  | 34.843 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.95 | 142 | 769608  | 39.031 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 358368  | 39.181 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 83747   | 26.714 | ng | 98     |

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 BNA\_F  
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 FK-GF-01-010-AMSD

Manual Integrations  
 APPROVED

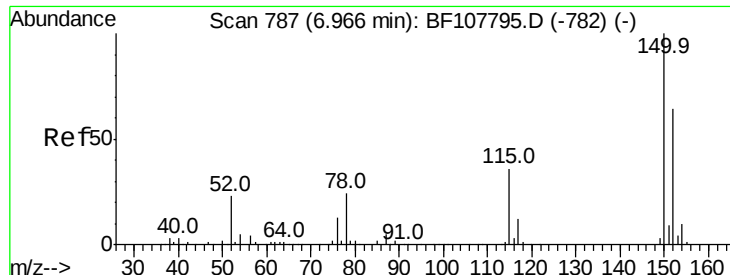
Sohil  
 8/1/2018 3:57:33 PM

Quant Time: Aug 01 03:56:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M  
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 QLast Update : Mon Jul 30 17:48:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 212704   | 42.066 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 227483   | 37.370 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 938240   | 38.431 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 700377   | 38.043 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.56  | 65   | 229405   | 38.308 | nq    | 94       |
| 48) Acenaphthylene             | 9.87  | 152  | 1095899  | 38.397 | nq    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 890100   | 44.181 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 167269   | 38.204 | nq    | 91       |
| 51) Acenaphthene               | 10.04 | 154  | 625744   | 37.742 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.98  | 138  | 166949   | 30.260 | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 10.12 | 184  | 1681     | 9.092  | nq #  | 1        |
| 54) Dibenzofuran               | 10.21 | 168  | 912997   | 35.628 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.15 | 139  | 112763   | 47.684 | nq    | 88       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 195719   | 34.011 | nq #  | 92       |
| 57) Fluorene                   | 10.55 | 166  | 705010   | 35.400 | nq    | 94       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 173954   | 31.112 | nq #  | 84       |
| 59) Diethylphthalate           | 10.41 | 149  | 778723   | 35.950 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 357964   | 32.995 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.60 | 138  | 150522   | 30.743 | nq    | 95       |
| 62) Azobenzene                 | 10.70 | 77   | 674676   | 33.443 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 21527    | 8.776  | nq #  | 79       |
| 65) n-Nitrosodiphenylamine     | 10.67 | 169  | 622652   | 41.940 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 196888   | 37.465 | nq #  | 85       |
| 67) Hexachlorobenzene          | 11.10 | 284  | 203686   | 34.952 | nq #  | 89       |
| 68) Atrazine                   | 11.18 | 200  | 175820   | 40.013 | nq    | 96       |
| 69) Pentachlorophenol          | 11.30 | 266  | 142805   | 49.779 | nq    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 851961   | 39.794 | nq    | 98       |
| 71) Anthracene                 | 11.58 | 178  | 935865   | 37.898 | nq    | 99       |
| 72) Carbazole                  | 11.74 | 167  | 831319   | 34.066 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 1013633  | 38.074 | nq    | 99       |
| 74) Fluoranthene               | 12.72 | 202  | 944623   | 37.557 | nq    | 96       |
| 76) Benzidine                  | 12.85 | 184  | 558188   | 44.532 | nq    | 97       |
| 77) Pyrene                     | 12.95 | 202  | 929548   | 33.298 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 389882   | 31.893 | nq    | 90       |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 834652   | 38.007 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 306207   | 35.970 | nq #  | 98       |
| 82) Chrysene                   | 14.18 | 228  | 928732   | 39.209 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 530600   | 34.526 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.72 | 149  | 1033157  | 41.883 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.28 | 276  | 702639   | 38.999 | nq    | 93       |
| 87) Benzo(b)fluoranthene       | 15.23 | 252  | 795475   | 39.585 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 878761   | 35.618 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 771753   | 37.201 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 579397   | 32.018 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.75 | 276  | 540529   | 30.871 | nq    | 95       |

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





#1

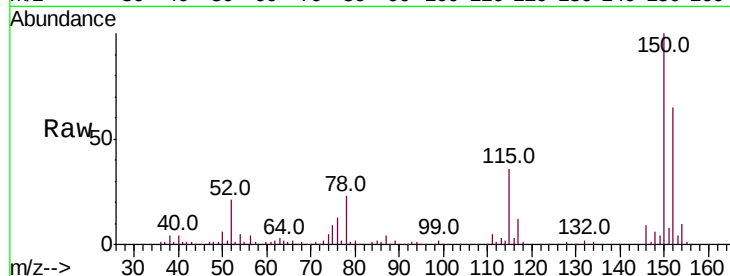
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 124.6 | 186.8 |
| 115     | 56.3  | 50.1  | 75.1  |

Manual Integrations  
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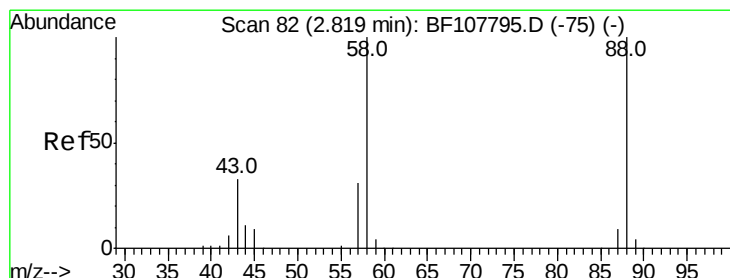
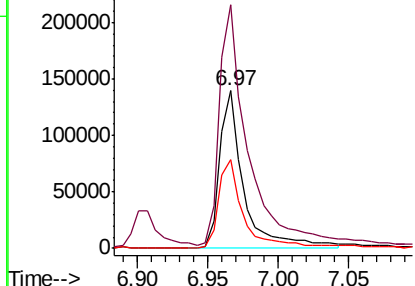
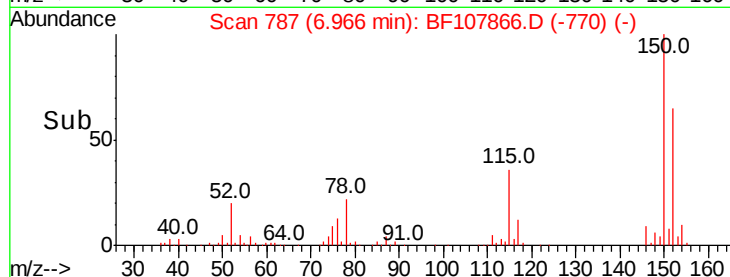


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

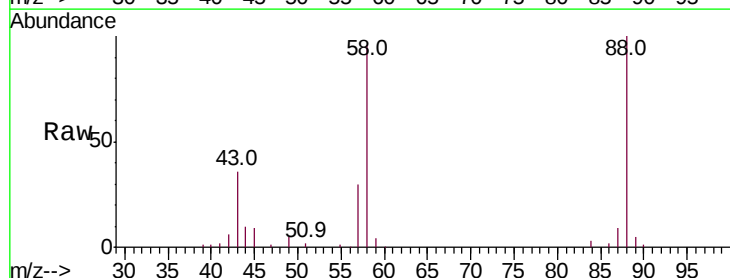
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 31.919 ng  
RT: 2.87 min Scan# 90  
Delta R.T. 0.05 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.3  | 62.6  | 93.8  |
| 43      | 30.2  | 24.6  | 37.0  |

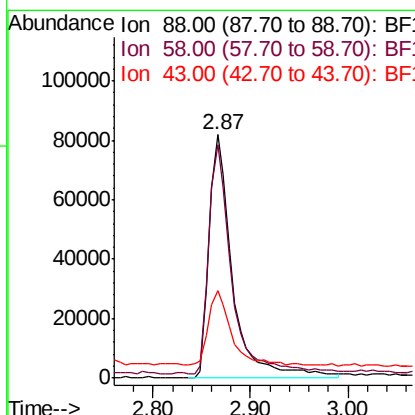
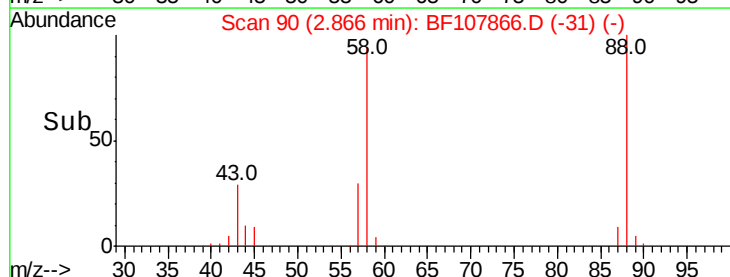


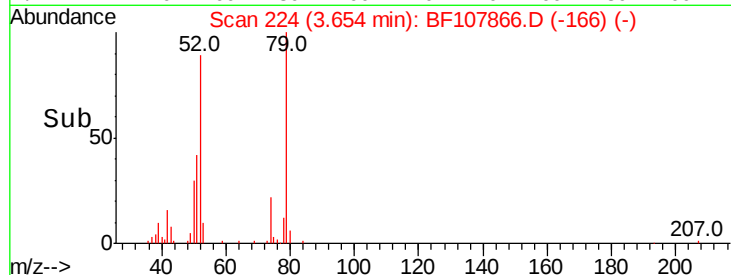
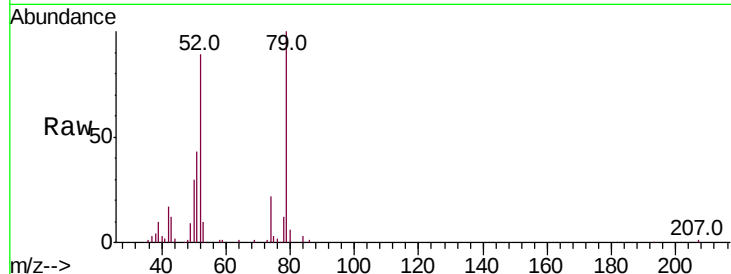
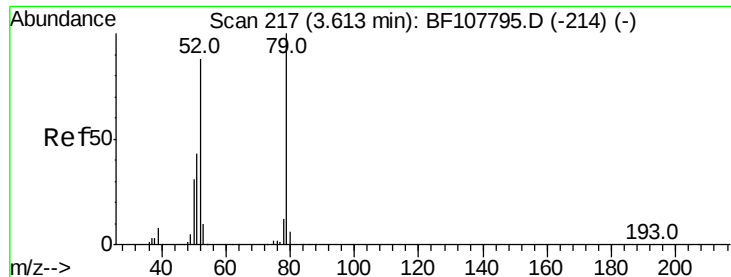
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





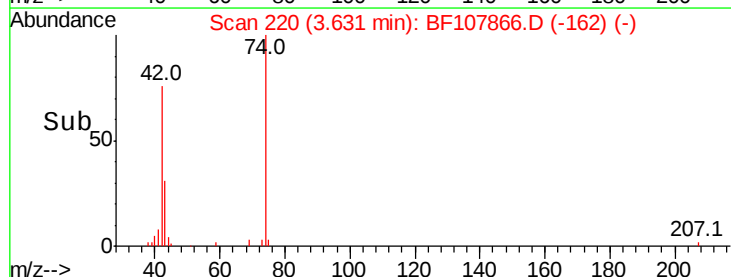
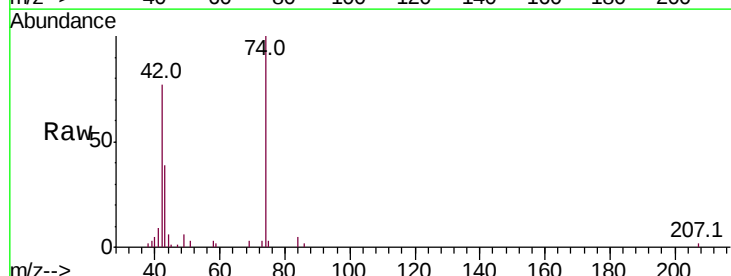
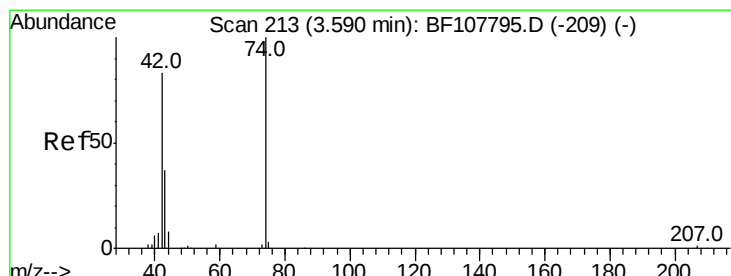
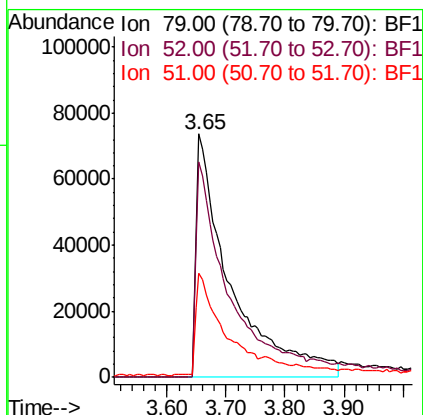
#3  
Pvridine  
Concen: 28.800 ng  
RT: 3.65 min Scan# 224  
Delta R.T. 0.04 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 88.5  | 59.8  | 89.6  |
| 51      | 42.9  | 29.8  | 44.8  |

Instrument :  
BNA\_F  
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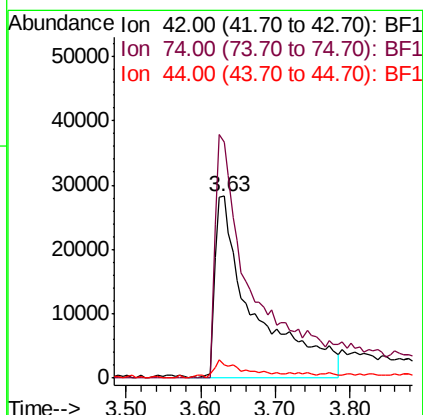
Manual Integrations  
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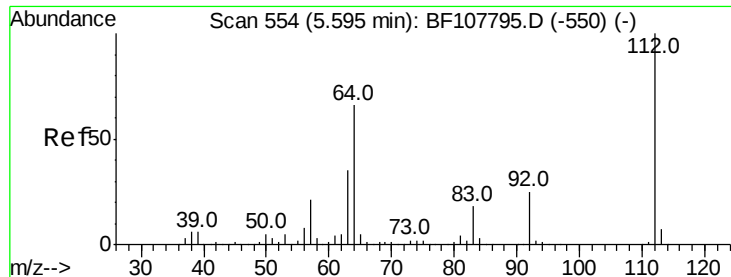
Sohil  
8/1/2018 3:57:33 PM



#4  
n-Nitrosodimethylamine  
Concen: 20.584 ng  
RT: 3.63 min Scan# 220  
Delta R.T. 0.04 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 129.8 | 104.9 | 157.3 |
| 44      | 7.5   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 99.825 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

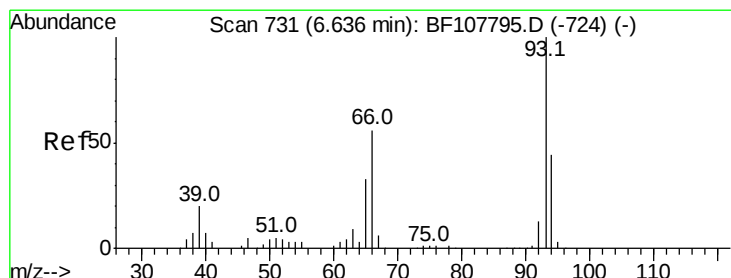
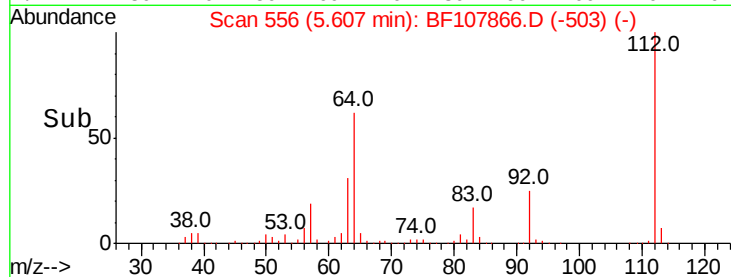
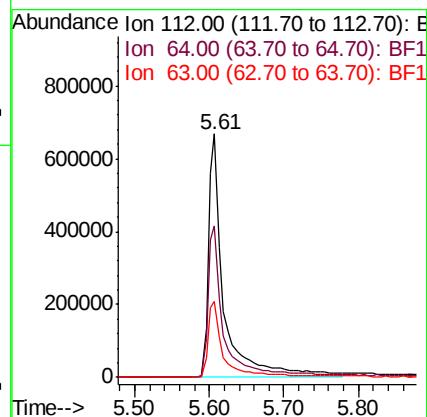
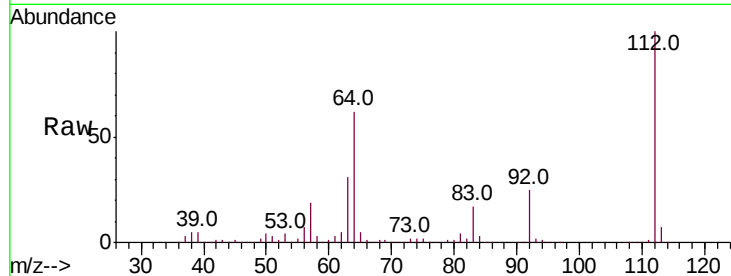
ClientSampleId :

FK-GF-01-010-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 984764 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.5  | 47.9  | 71.9   |
| 63        | 31.3  | 23.7  | 35.5   |

Manual Integrations  
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#6

Aniline

Concen: 29.450 ng

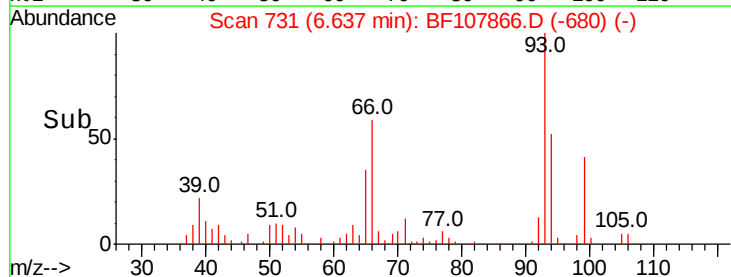
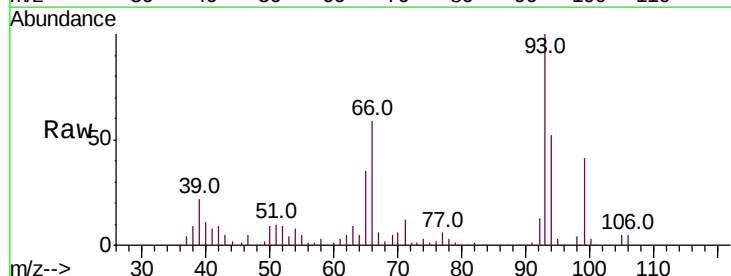
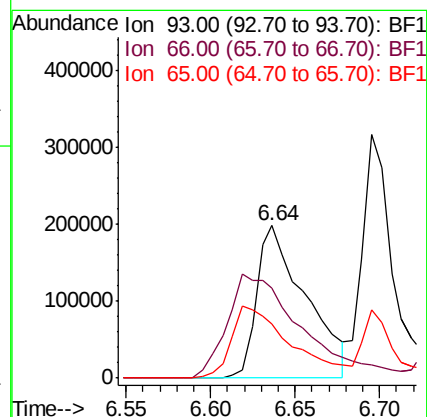
RT: 6.64 min Scan# 731

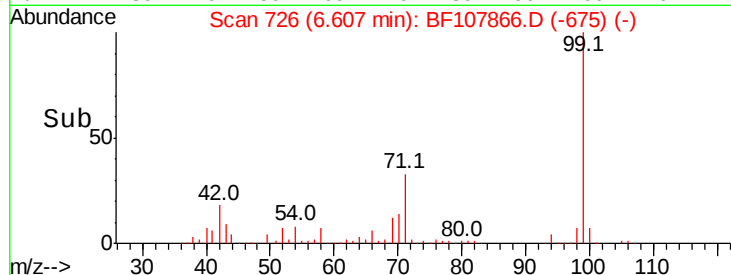
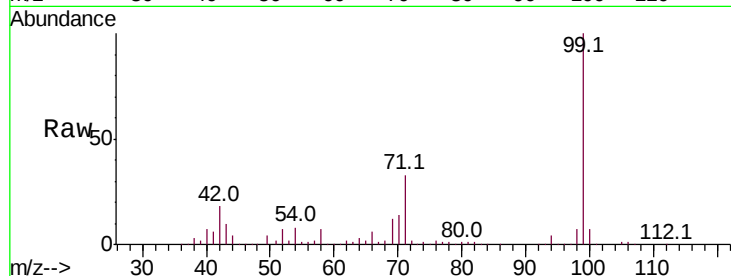
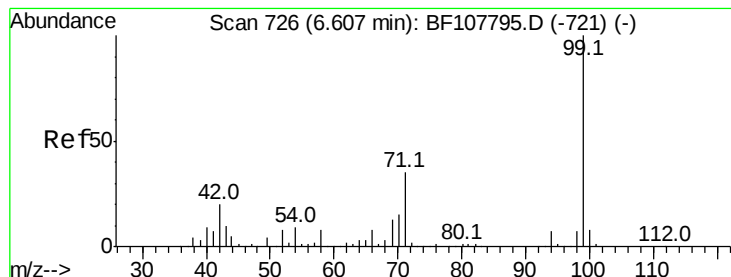
Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 398257 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 59.4  | 32.2  | 48.2#  |
| 65        | 35.4  | 16.4  | 24.6#  |





#7

Phenol-d6

Concen: 93.901 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Tot Ion: 99 Resp: 1220848

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 33.2 25.4 38.0

Instrument :

BNA\_F

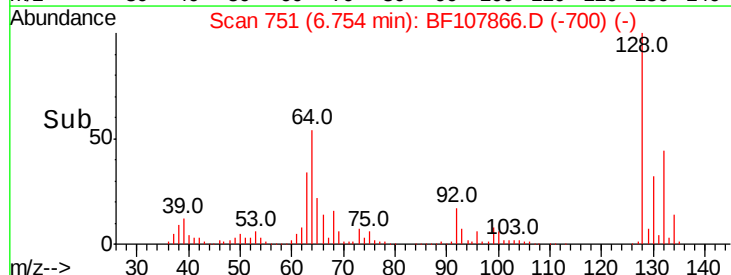
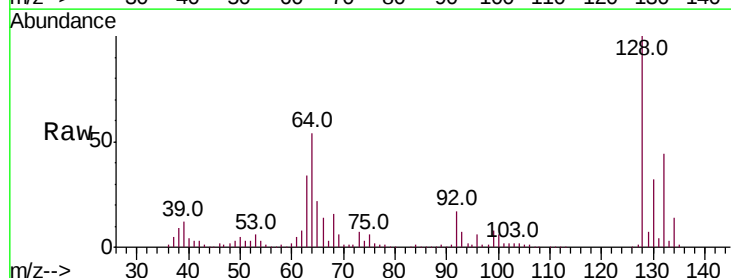
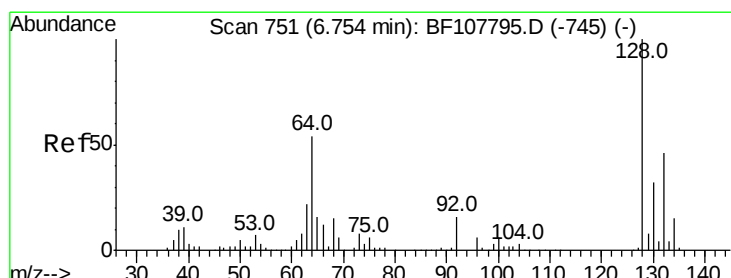
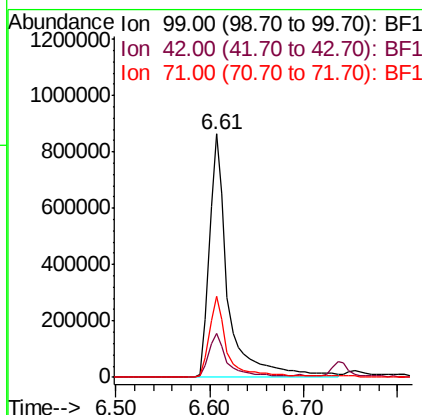
ClientSampleId :

FK-GF-01-010-AMSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 33.946 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

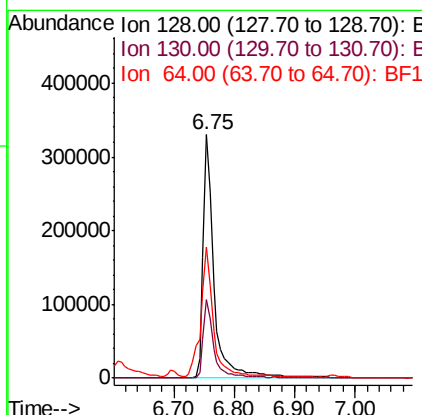
Tgt Ion:128 Resp: 420640

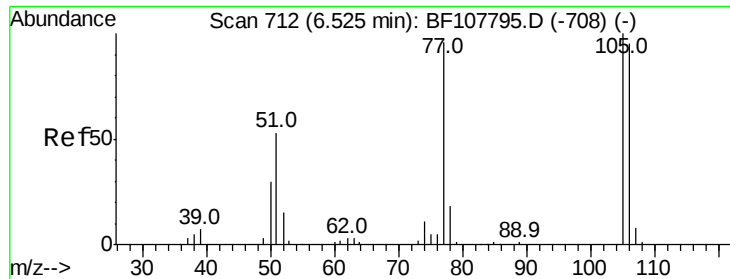
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 53.8 29.4 69.4





#9

Benzaldehyde

Concen: 21.246 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

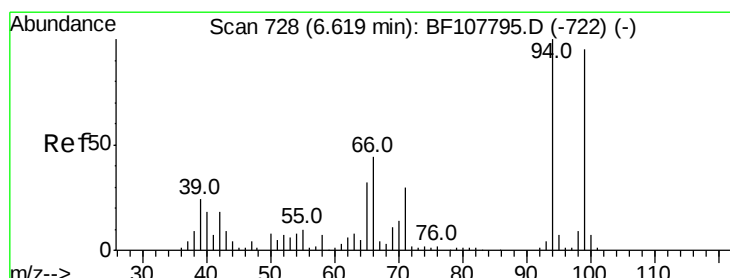
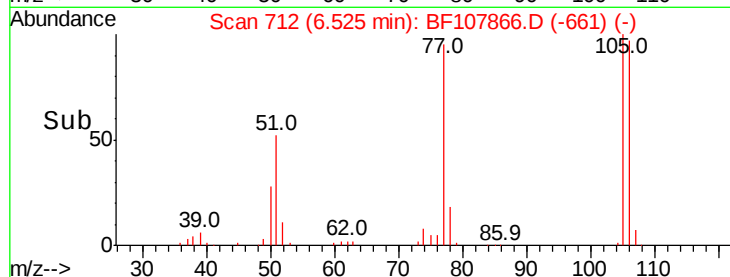
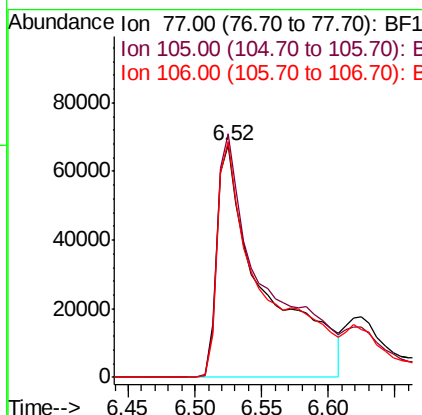
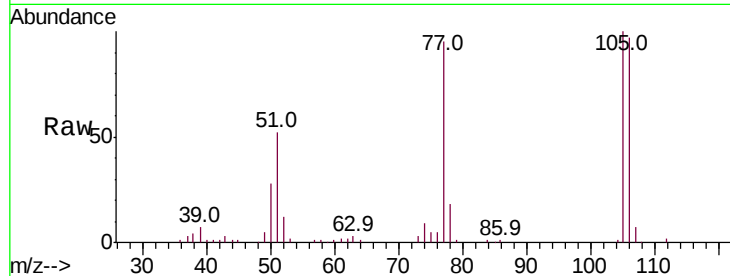
ClientSampleId :

FK-GF-01-010-AMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 166659 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 105.0 | 81.1  | 121.1  |
| 106      | 101.9 | 74.5  | 114.5  |

Manual Integrations  
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#10

Phenol

Concen: 30.355 ng

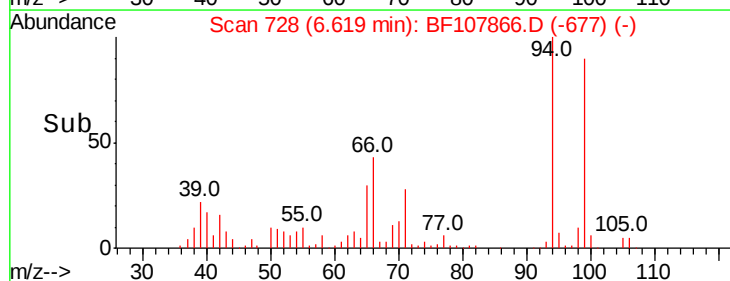
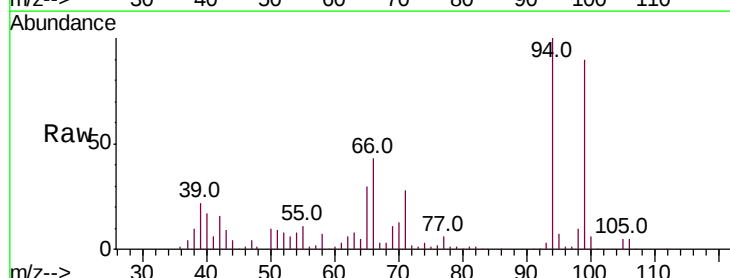
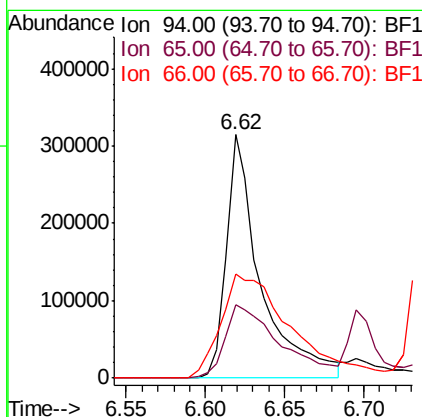
RT: 6.62 min Scan# 728

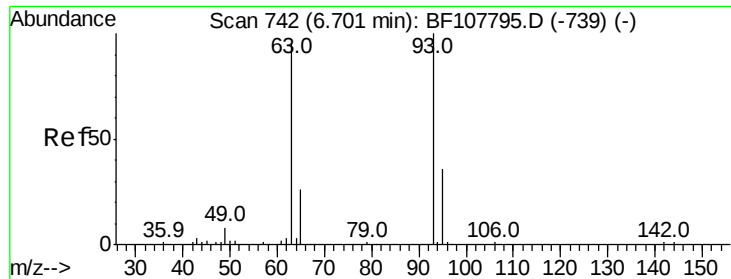
Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 470634 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.9  | 7.9   | 47.9   |
| 66       | 43.0  | 16.2  | 56.2   |





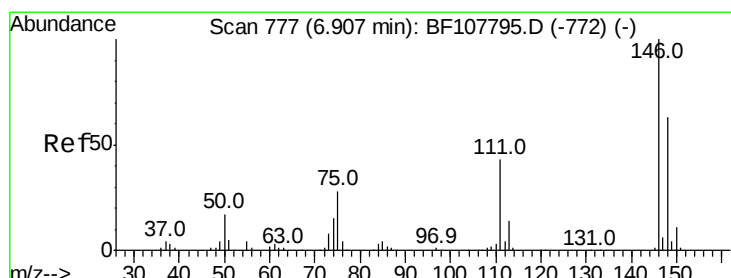
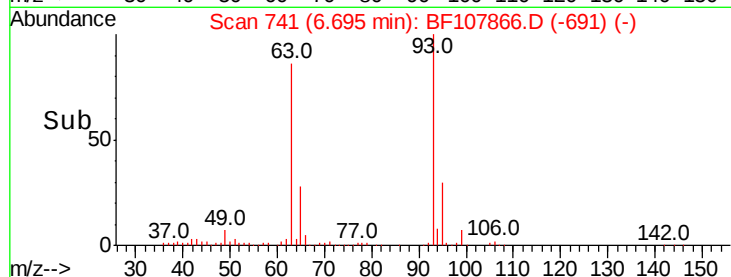
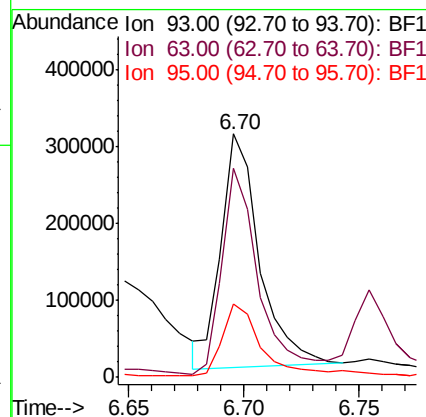
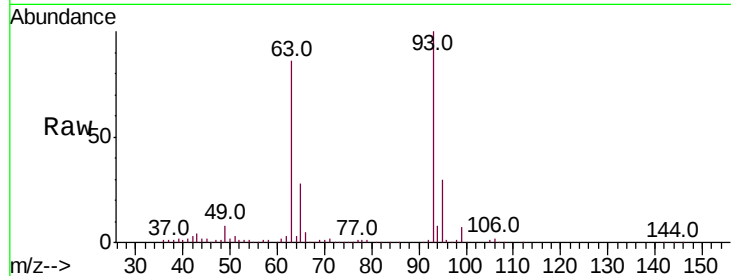
#11  
bis(2-Chloroethyl)ether  
Concen: 25.485 ng  
RT: 6.70 min Scan# 741  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 85.8  | 58.6  | 98.6  |
| 95      | 30.3  | 11.8  | 51.8  |

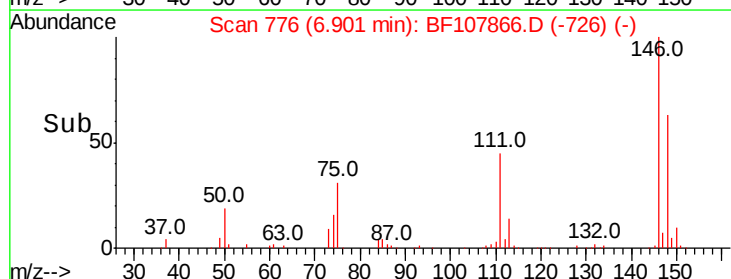
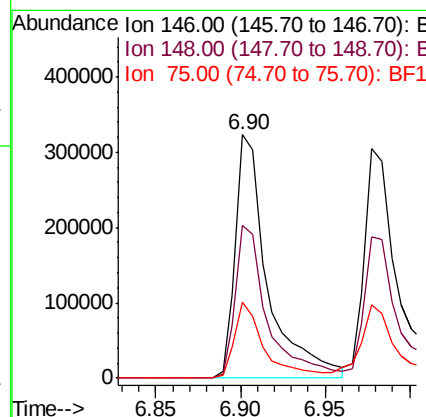
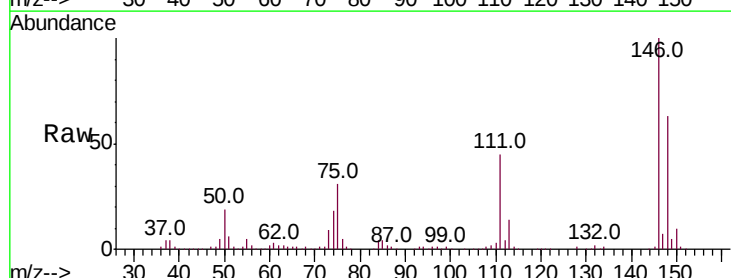
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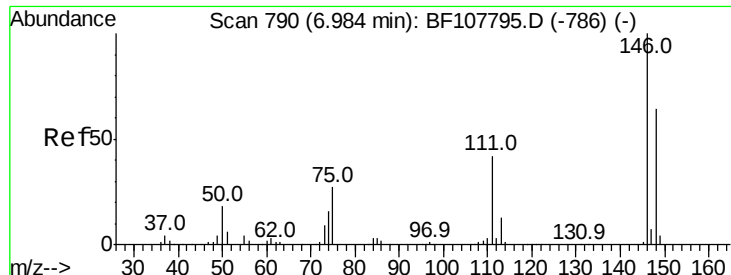
Sohil  
8/1/2018 3:57:33 PM



#12  
1,3-Dichlorobenzene  
Concen: 33.134 ng  
RT: 6.90 min Scan# 776  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 51.8  | 77.8  |
| 75      | 31.1  | 24.2  | 36.4  |





#13

1,4-Dichlorobenzene

Concen: 33.351 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

ClientSampleId :

FK-GF-01-010-AMSD

Tot Ion:146 Resp: 482498

Ion Ratio Lower Upper

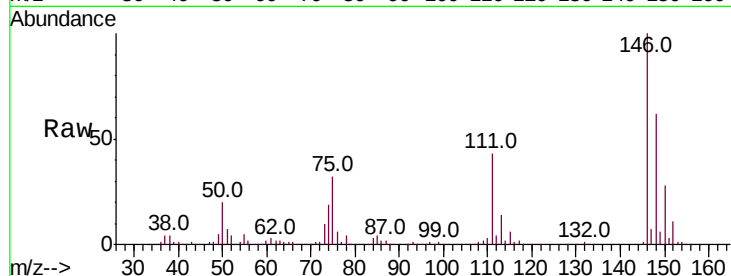
146 100

148 61.8 50.8 76.2

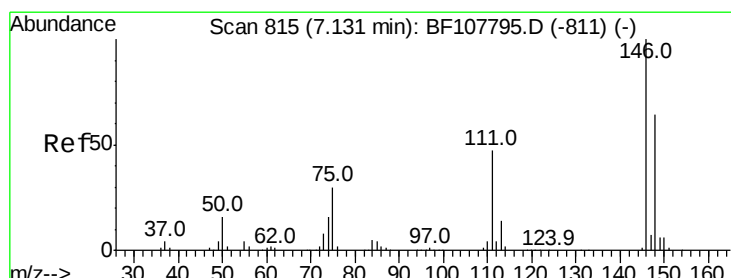
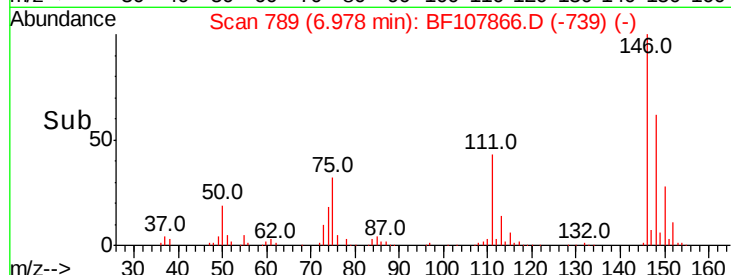
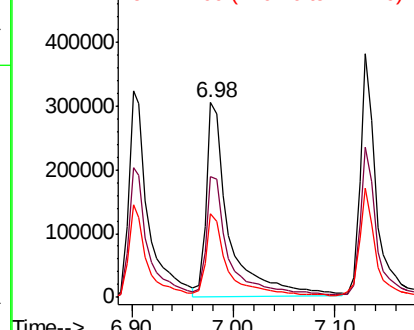
111 43.3 34.2 51.2

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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: 32.081 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

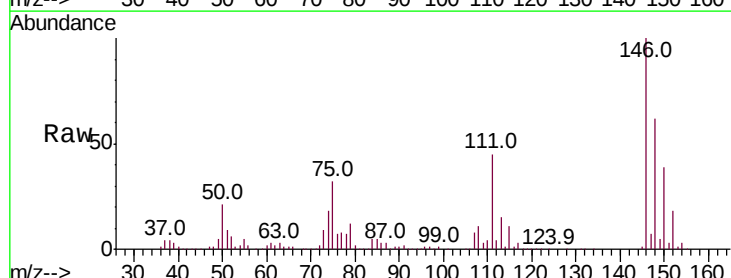
Tgt Ion:146 Resp: 430842

Ion Ratio Lower Upper

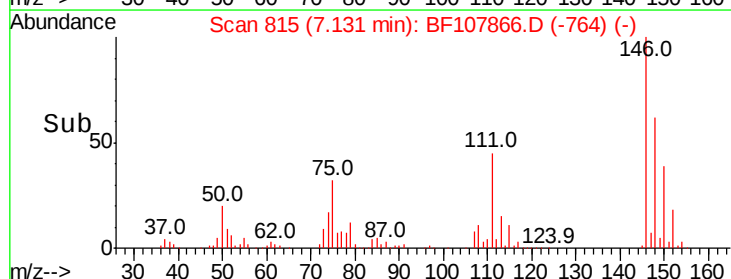
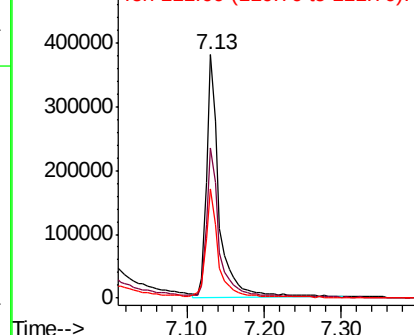
146 100

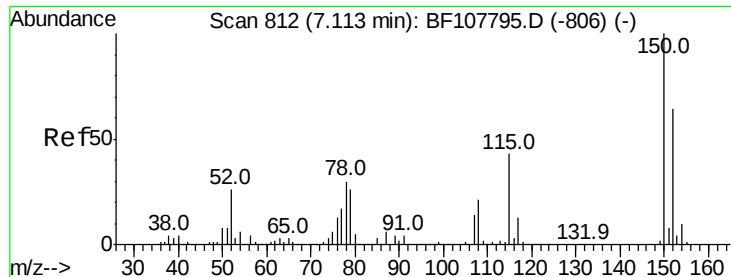
148 61.8 50.6 75.8

111 44.8 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





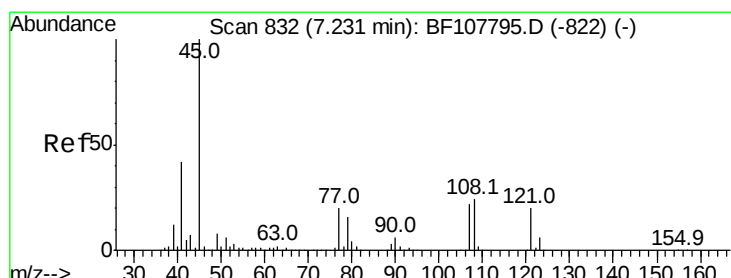
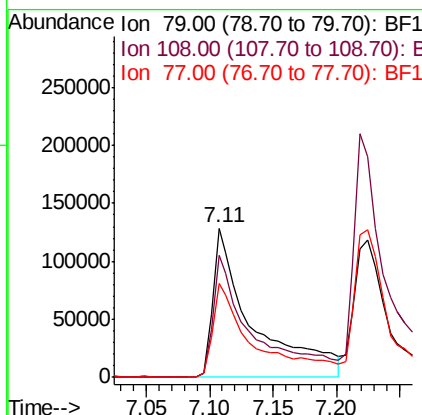
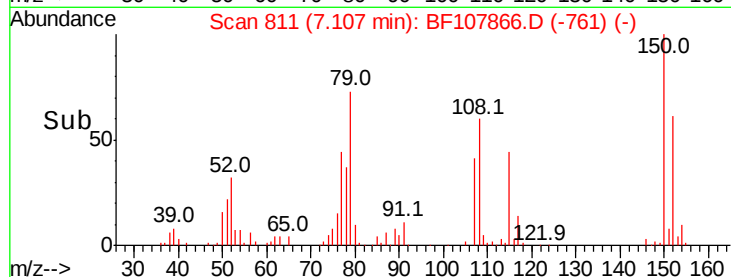
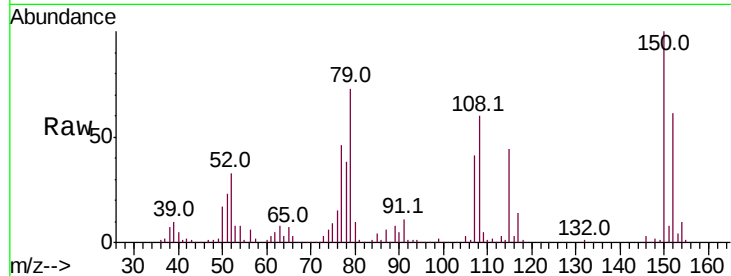
#15  
Benzyl Alcohol  
Concen: 35.066 ng  
RT: 7.11 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 81.8  | 65.1  | 97.7  |
| 77      | 62.7  | 50.6  | 75.8  |

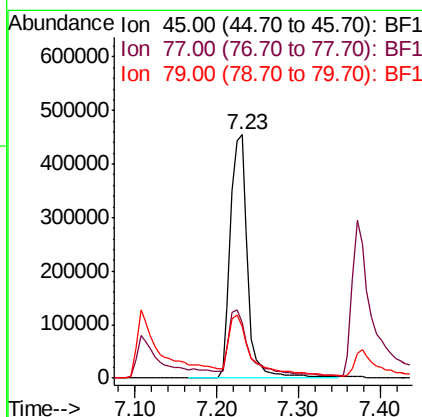
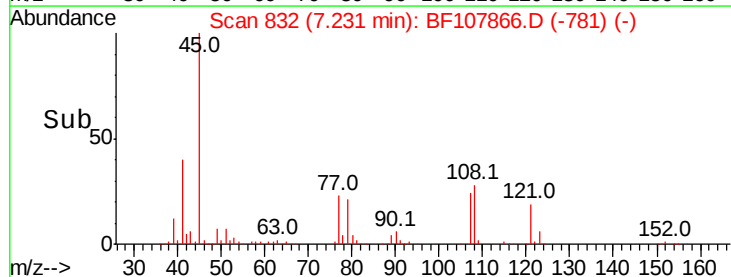
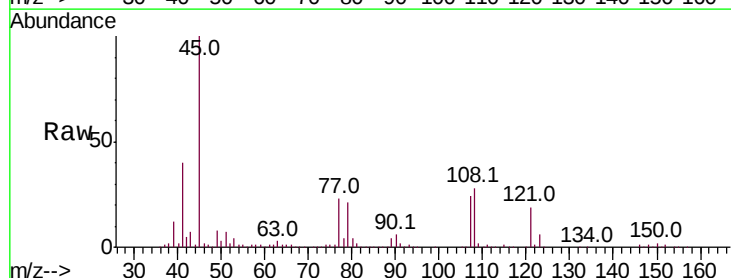
Manual Integrations  
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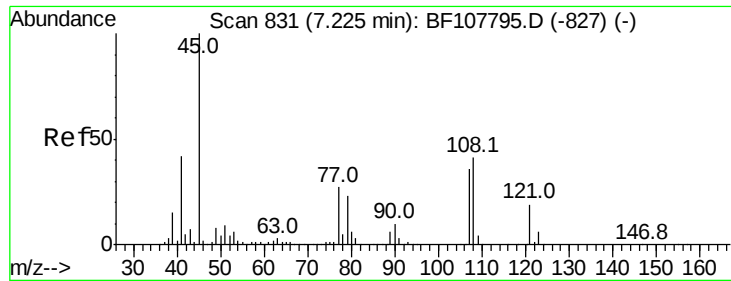
Sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.636 ng  
RT: 7.23 min Scan# 832  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 22.9  | 0.0   | 32.9  |
| 79      | 21.0  | 0.0   | 29.6  |





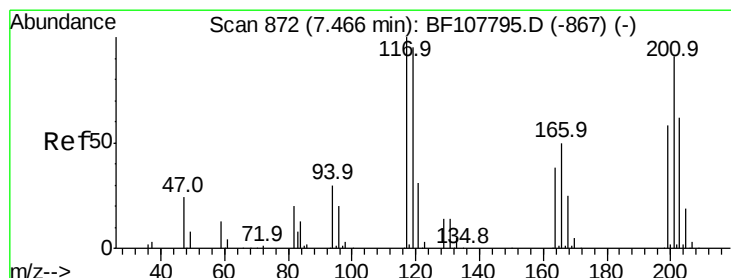
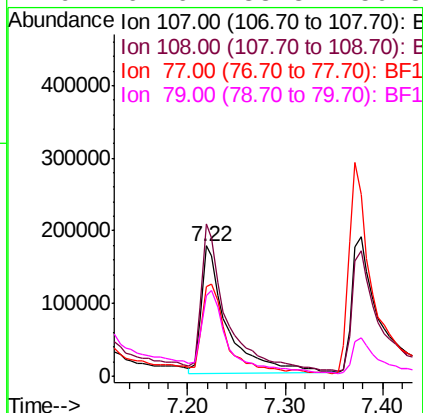
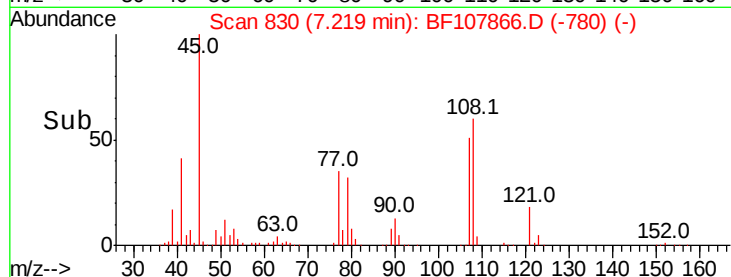
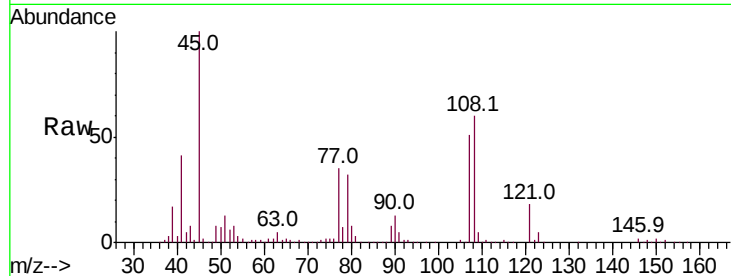
#17  
2-Methylphenol  
Concen: 35.254 ng  
RT: 7.22 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 117.0 | 91.7  | 137.5 |
| 77      | 68.5  | 33.8  | 50.8# |
| 79      | 61.6  | 33.8  | 50.8# |

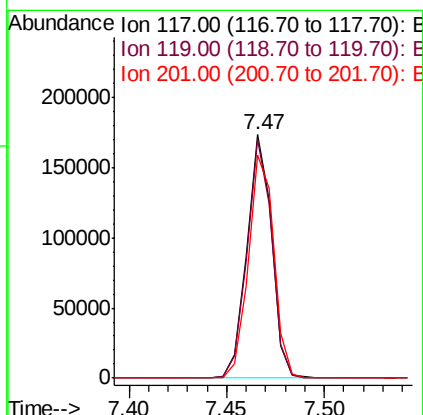
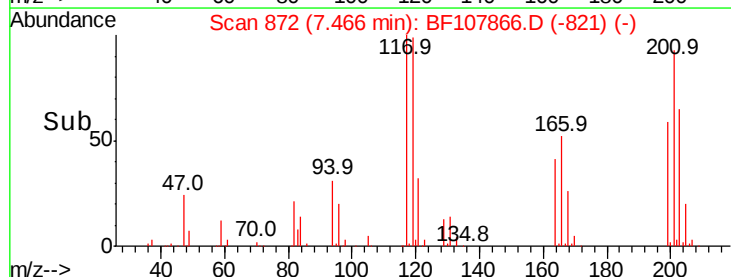
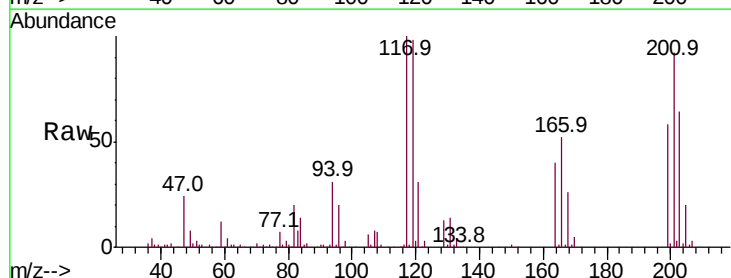
Manual Integrations  
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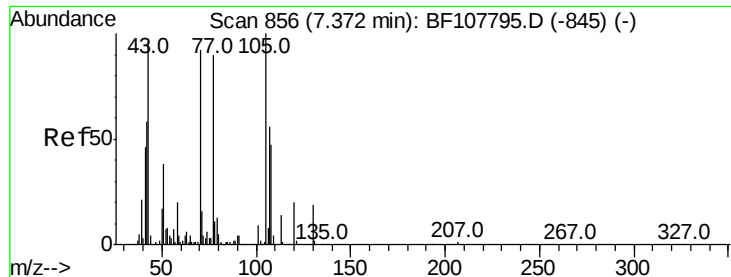
Sohil  
8/1/2018 3:57:33 PM



#18  
Hexachloroethane  
Concen: 29.279 ng  
RT: 7.47 min Scan# 872  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.8  | 75.8  | 113.8 |
| 201     | 91.7  | 75.7  | 113.5 |





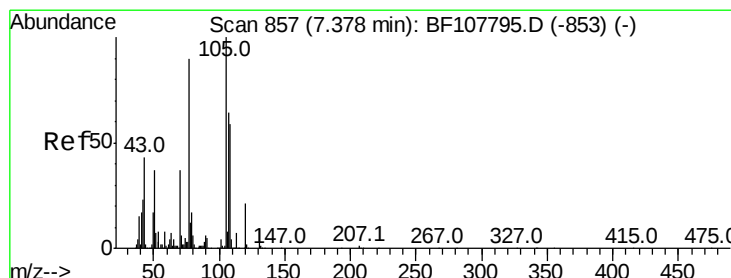
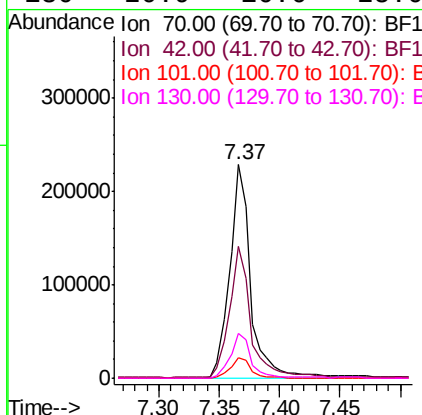
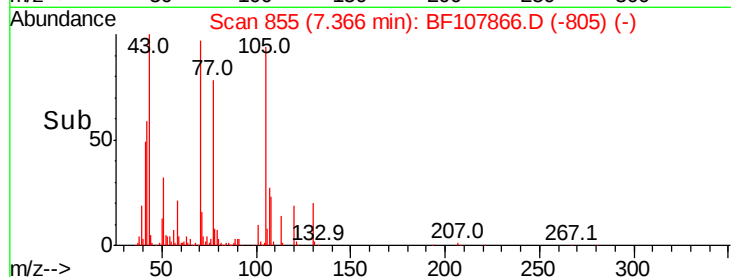
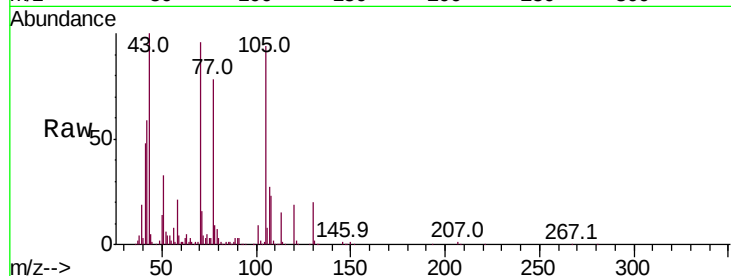
#19  
n-Nitroso-di-n-propylamine  
Concen: 33.922 ng  
RT: 7.37 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 61.7  | 47.5  | 71.3  |
| 101     | 9.8   | 7.4   | 11.2  |
| 130     | 20.9  | 16.6  | 25.0  |

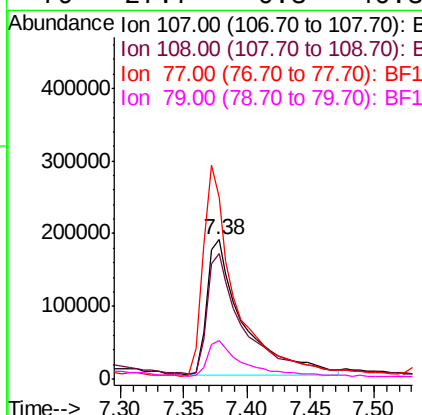
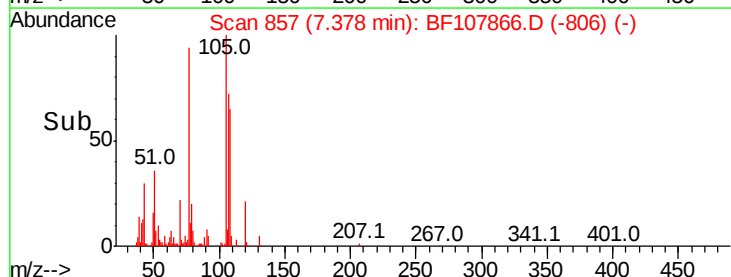
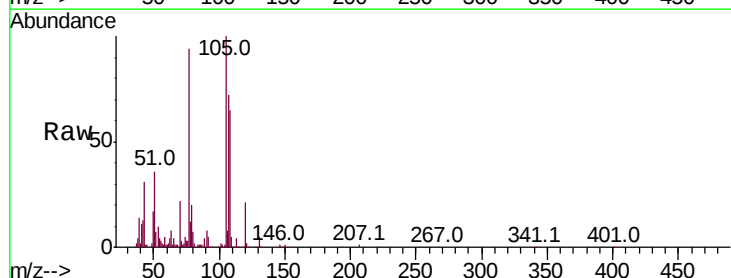
Manual Integrations  
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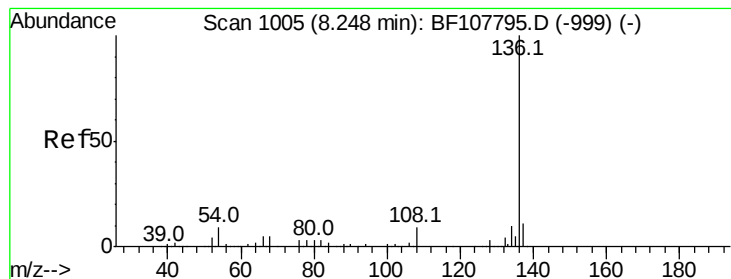
Sohil  
8/1/2018 3:57:33 PM



#20  
3+4-Methylphenols  
Concen: 33.194 ng  
RT: 7.38 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.9  | 68.2  | 108.2 |
| 77      | 130.2 | 26.7  | 66.7# |
| 79      | 27.7  | 6.3   | 46.3  |





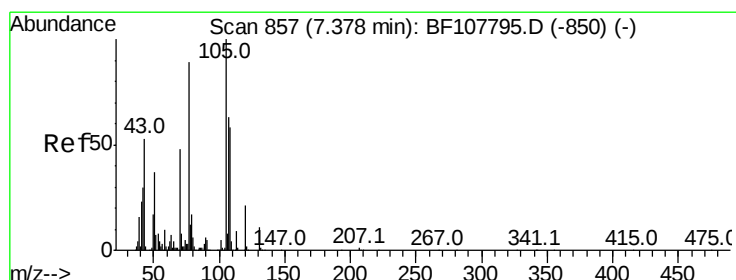
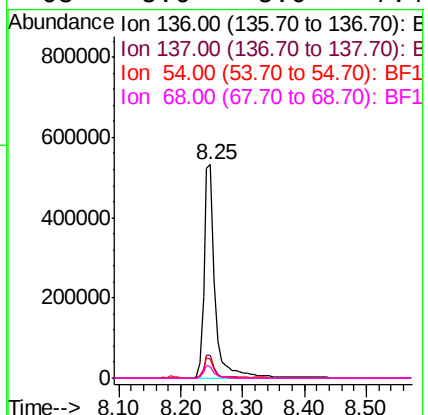
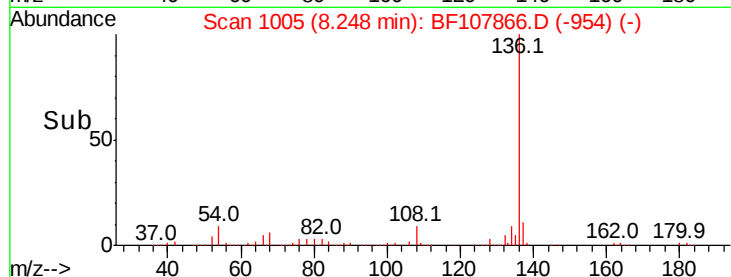
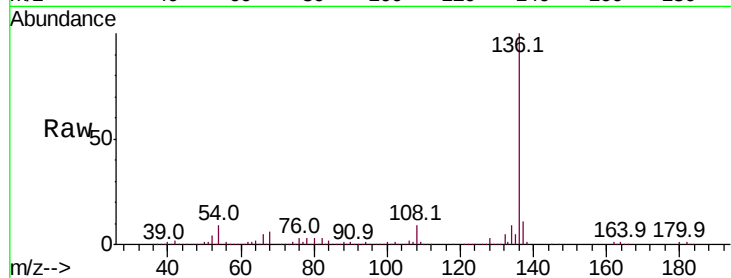
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 675283 |       |       |
| 137     | 10.9  |        | 8.9   | 13.3  |
| 54      | 9.0   |        | 6.6   | 9.8   |
| 68      | 5.6   |        | 5.0   | 7.4   |

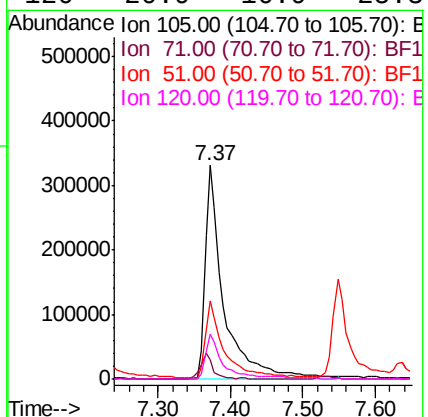
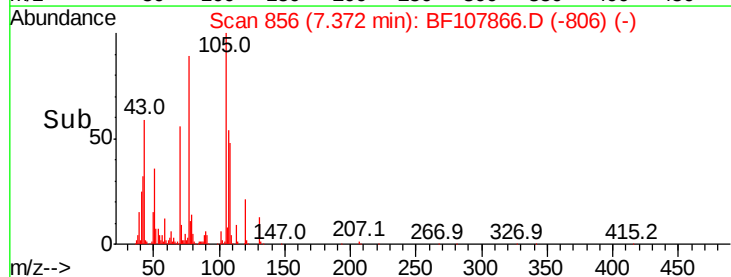
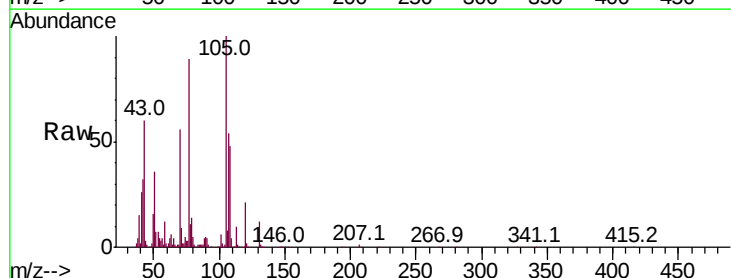
Manual Integrations  
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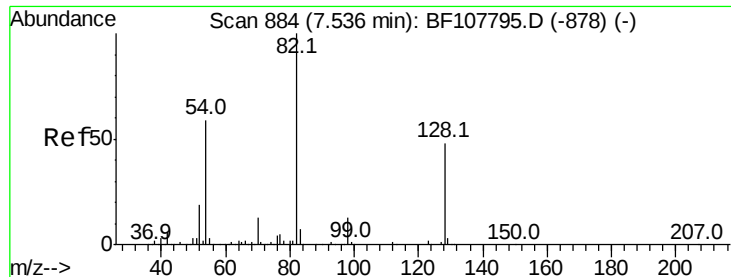
Sohil  
8/1/2018 3:57:33 PM



#22  
Acetophenone  
Concen: 36.177 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 587740 |       |       |
| 71      | 8.9   |        | 4.4   | 6.6#  |
| 51      | 36.3  |        | 22.3  | 33.5# |
| 120     | 20.9  |        | 16.9  | 25.3  |





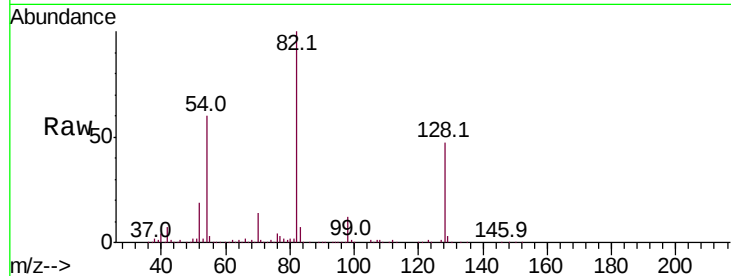
#23  
Nitrobenzene-d5  
Concen: 69.135 ng  
RT: 7.53 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

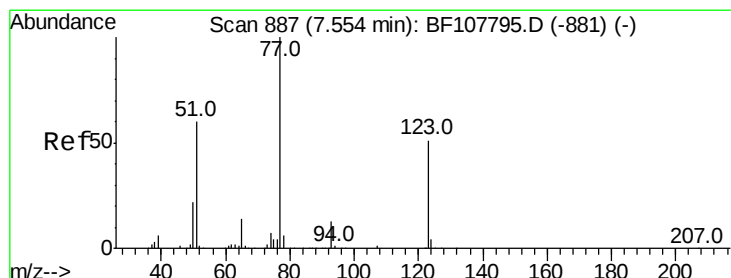
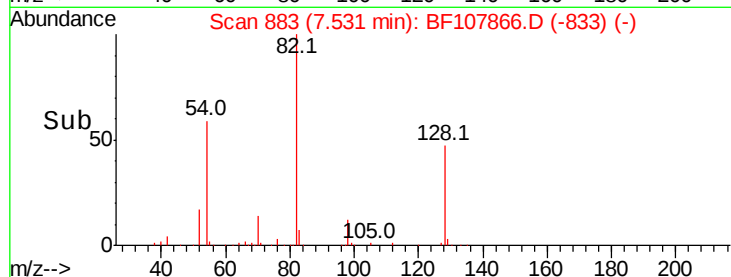
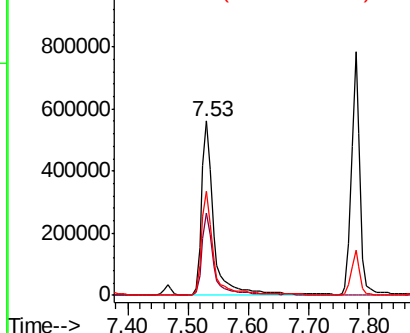
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.0  | 36.1  | 54.1  |
| 54      | 59.6  | 41.4  | 62.2  |

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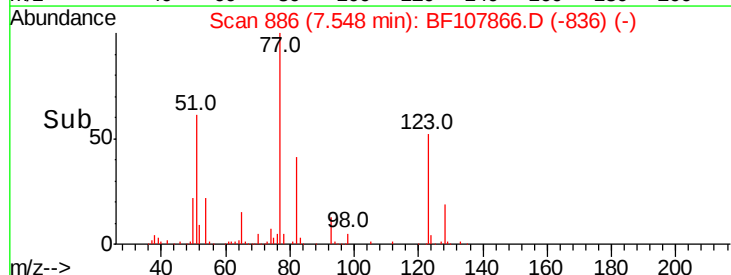
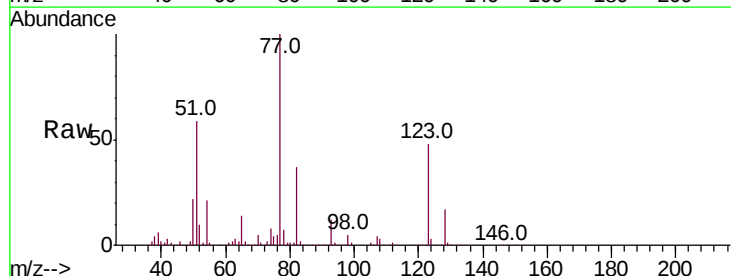
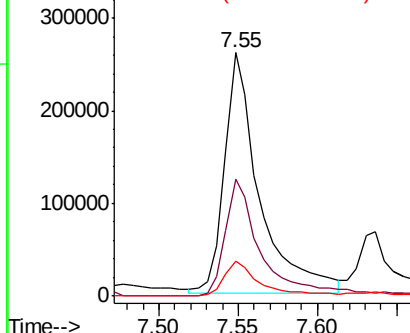
Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

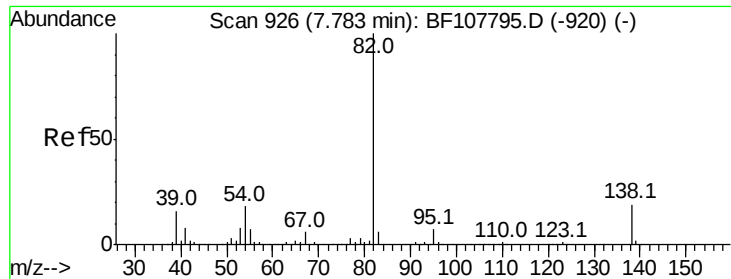


#24  
Nitrobenzene  
Concen: 32.322 ng  
RT: 7.55 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.0  | 37.9  | 56.9  |
| 65      | 14.3  | 11.0  | 16.4  |

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





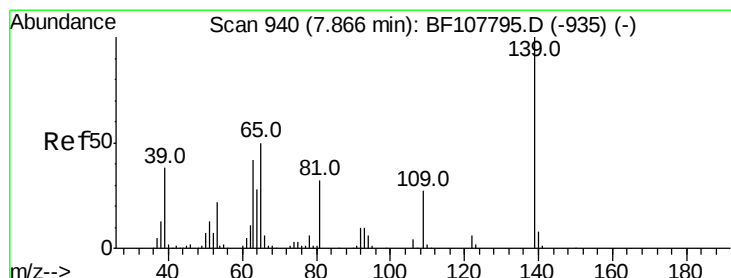
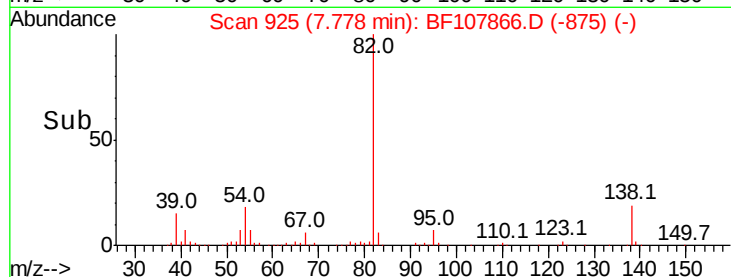
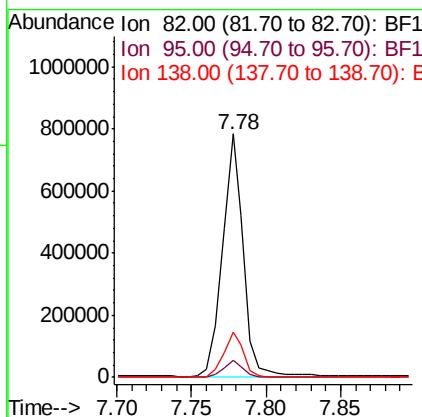
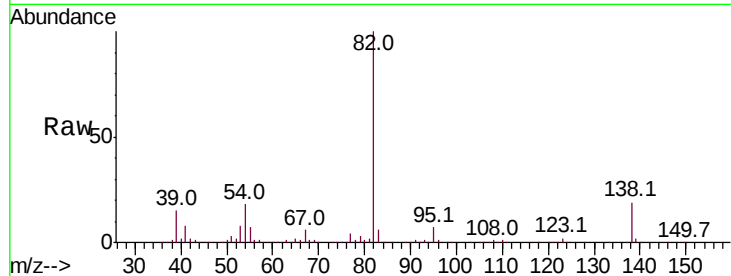
#25  
Isophorone  
Concen: 39.760 ng  
RT: 7.78 min Scan# 925  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.0   | 5.2   | 7.8   |
| 138     | 18.8  | 14.9  | 22.3  |

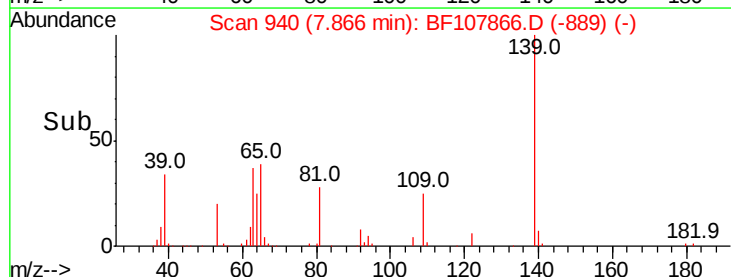
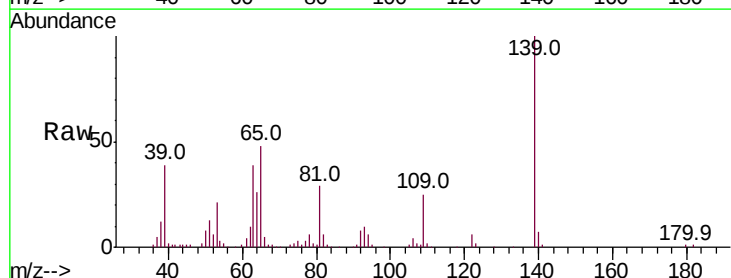
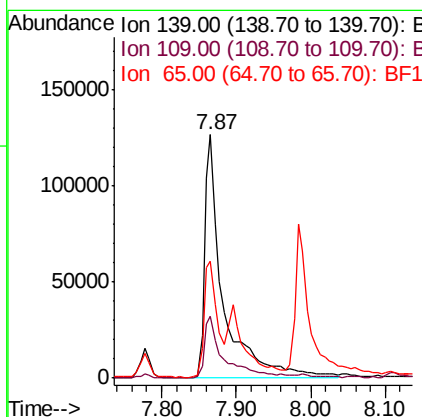
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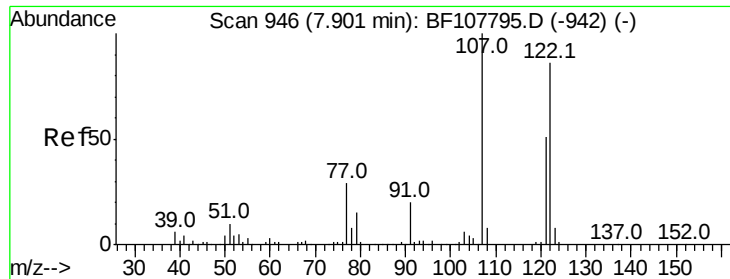
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#26  
2-Nitrophenol  
Concen: 35.823 ng  
RT: 7.87 min Scan# 940  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 25.4  | 22.7  | 34.1  |
| 65      | 48.1  | 40.5  | 60.7  |





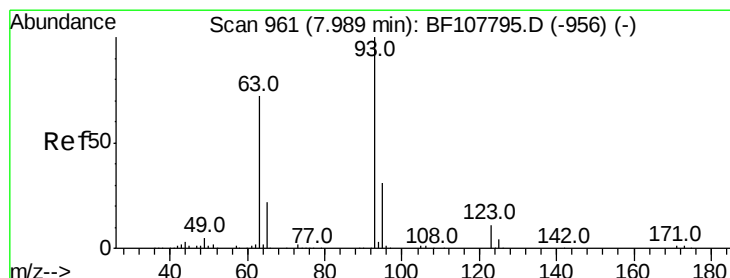
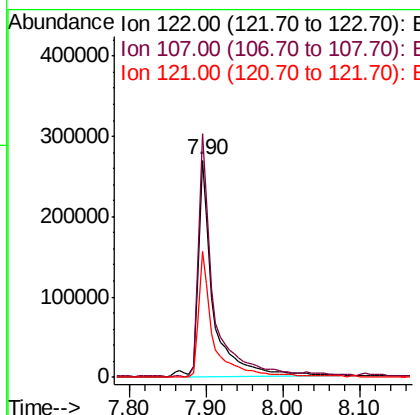
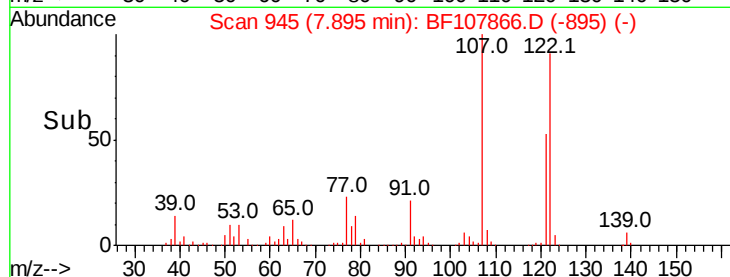
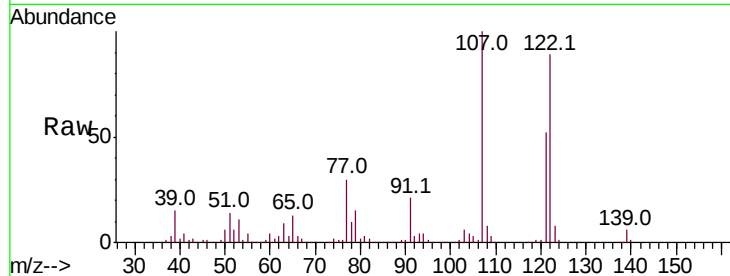
#27  
2,4-Dimethylphenol  
Concen: 43.494 ng  
RT: 7.90 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.1 | 91.2  | 136.8 |
| 121     | 57.8  | 47.2  | 70.8  |

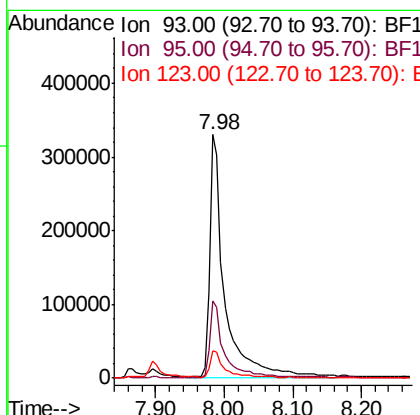
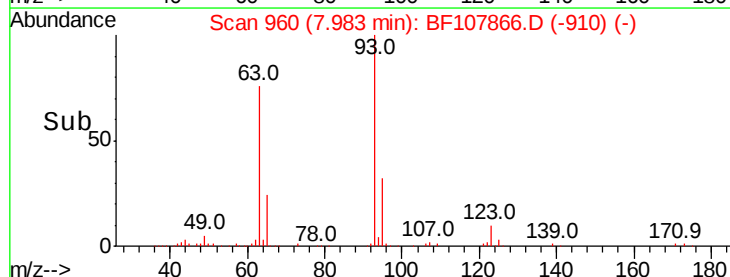
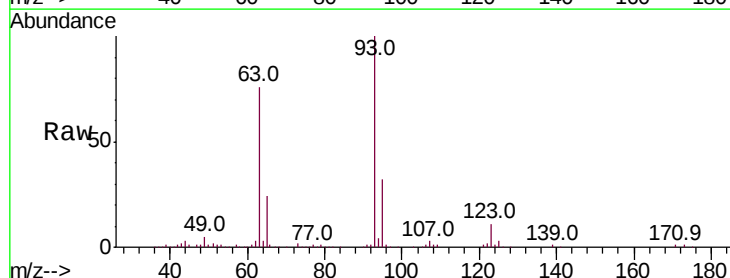
Manual Integrations  
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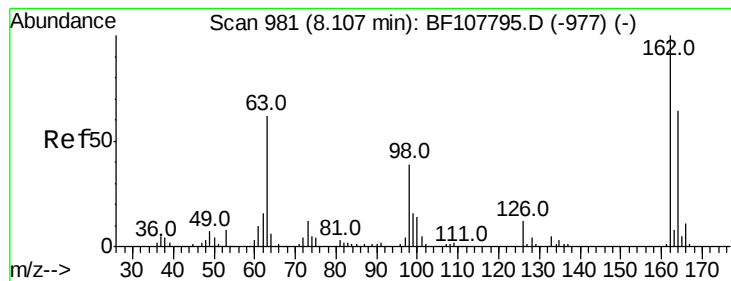
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#28  
bis(2-Chloroethoxy)methane  
Concen: 39.223 ng  
RT: 7.98 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 26.3  | 39.5  |
| 123     | 11.1  | 9.8   | 14.6  |





#29

2,4-Dichlorophenol

Concen: 35.975 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

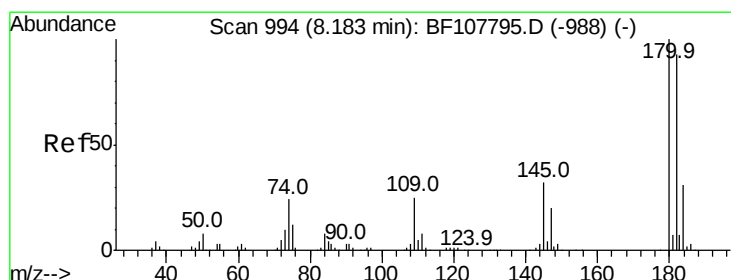
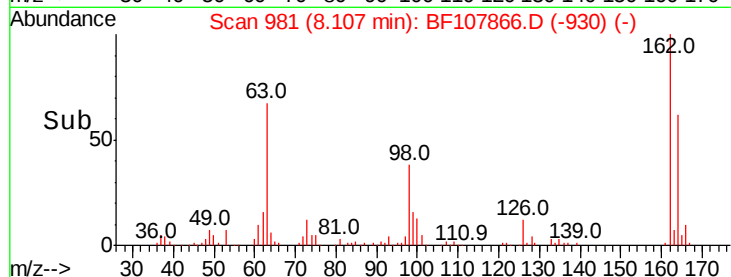
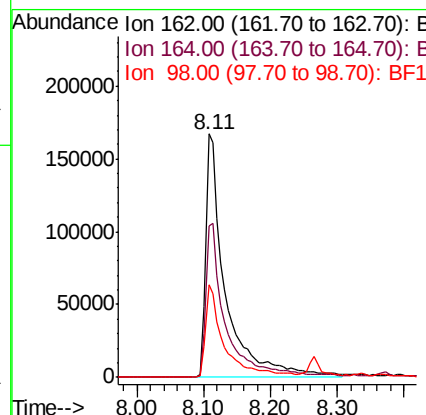
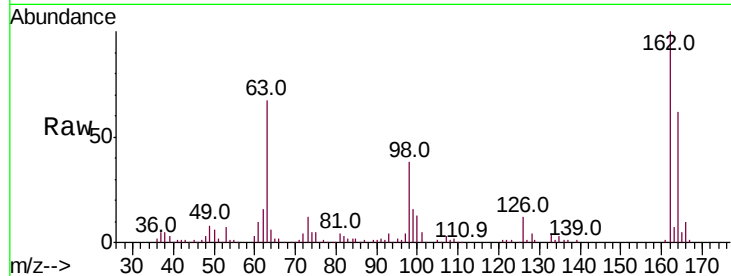
ClientSampleId :

FK-GF-01-010-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 336059 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.3  | 42.7  | 82.7   |
| 98        | 37.8  | 18.1  | 58.1   |

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#30

1,2,4-Trichlorobenzene

Concen: 34.184 ng

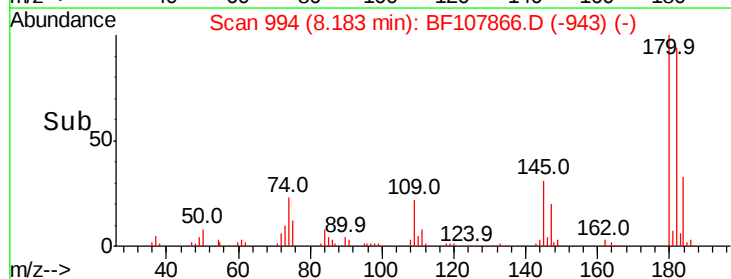
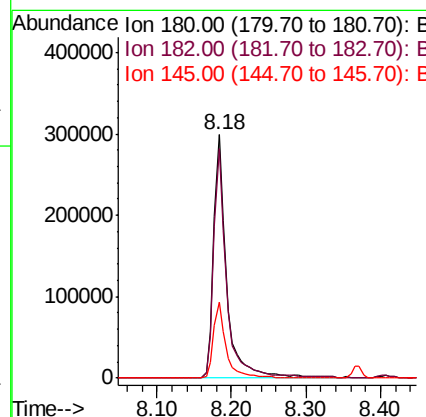
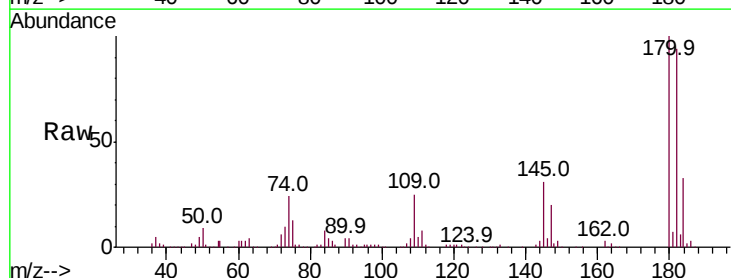
RT: 8.18 min Scan# 994

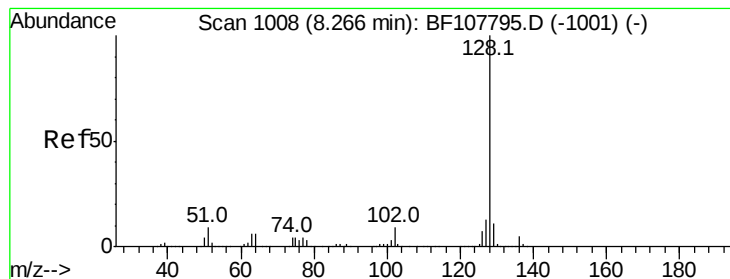
Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 364294 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.2  | 76.8  | 115.2  |
| 145       | 31.1  | 26.5  | 39.7   |





#31

Naphthalene

Concen: 38.611 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

ClientSampleId :

FK-GF-01-010-AMSD

Tot Ion:128 Resp: 1212006

Ion Ratio Lower Upper

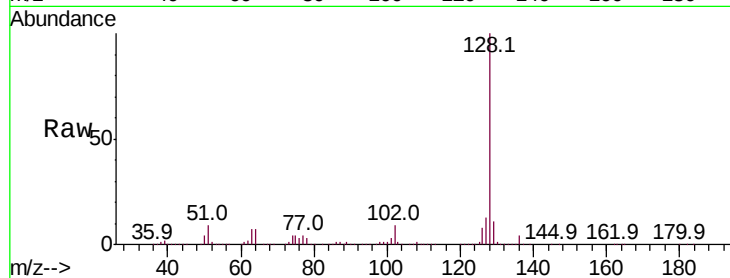
128 100

129 11.2 8.8 13.2

127 13.4 10.9 16.3

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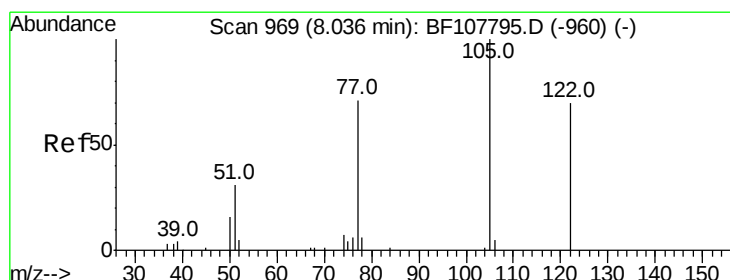
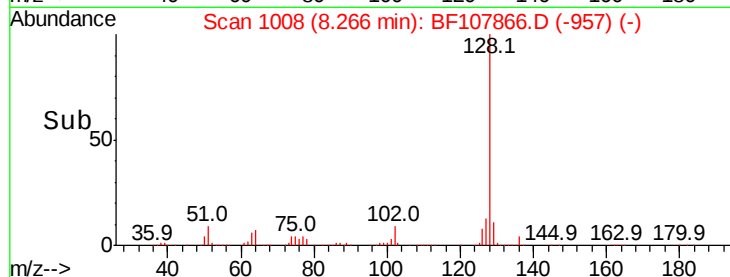
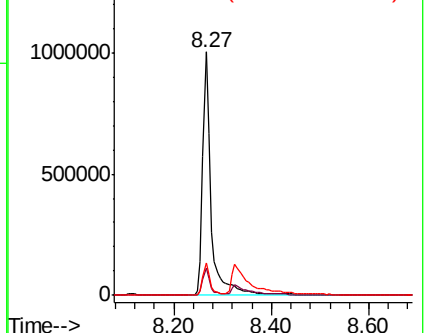
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.166 ng m

RT: 7.97 min Scan# 957

Delta R.T. -0.07 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

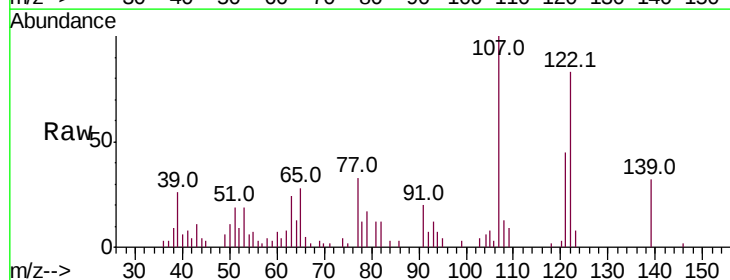
Tgt Ion:122 Resp: 38380

Ion Ratio Lower Upper

122 100

105 10.1 101.1 141.1#

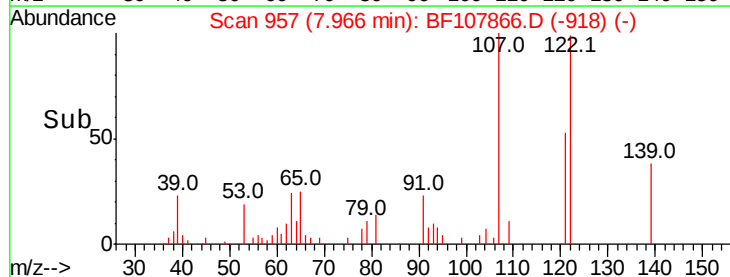
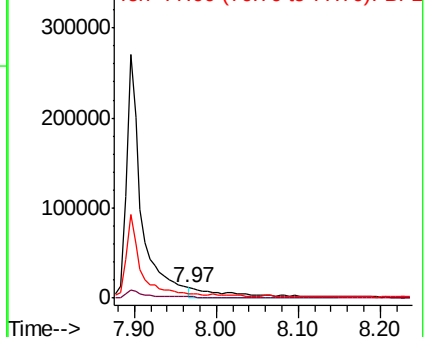
77 40.0 70.7 110.7#

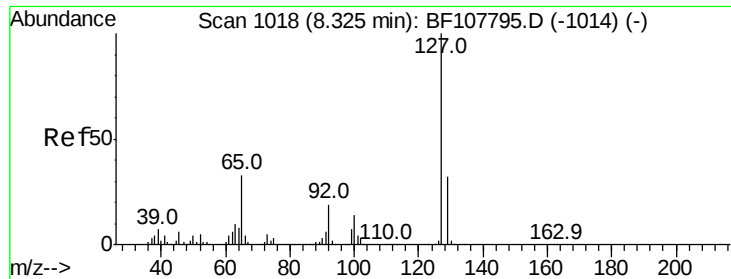


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





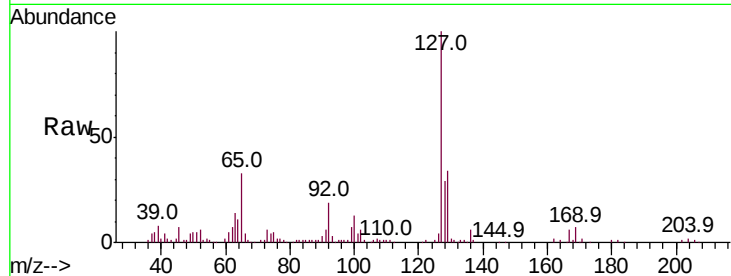
#33  
4-Chloroaniline  
Concen: 25.495 ng  
RT: 8.32 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 34.2 | 25.9  | 38.9 |       |       |
| 65      | 33.0 | 25.0  | 37.4 |       |       |
| 92      | 18.6 | 15.2  | 22.8 |       |       |

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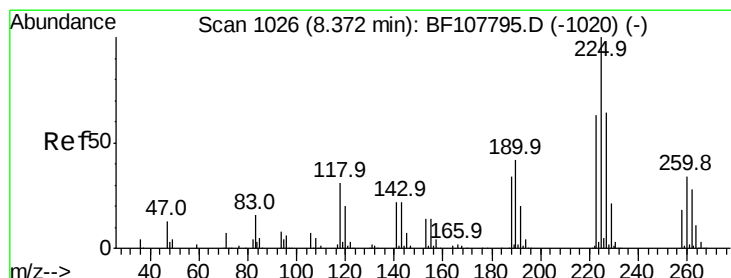
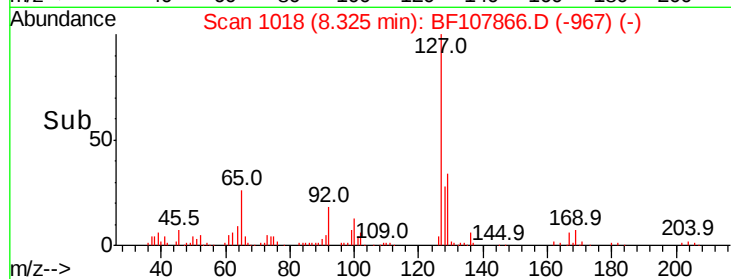
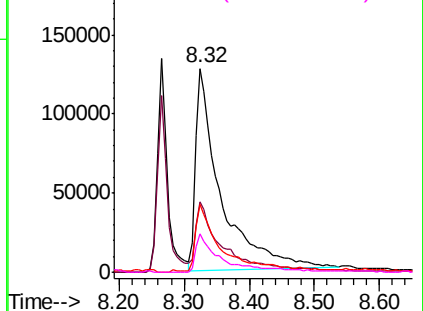
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 31.866 ng  
RT: 8.37 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

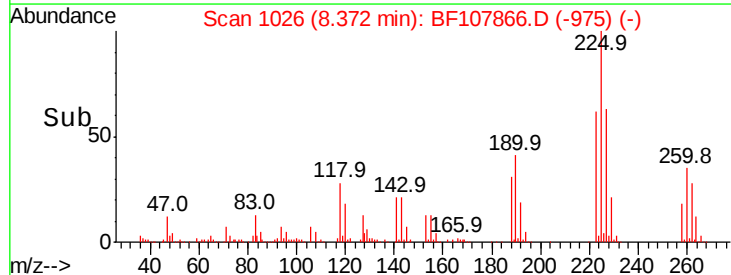
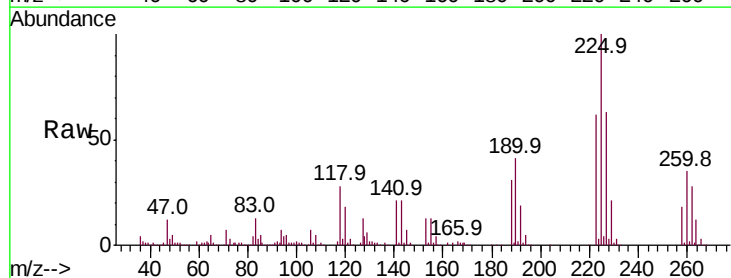
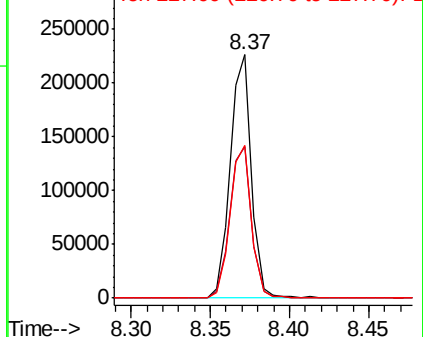
| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.5 | 50.6  | 76.0 |       |       |
| 227     | 63.0 | 51.9  | 77.9 |       |       |

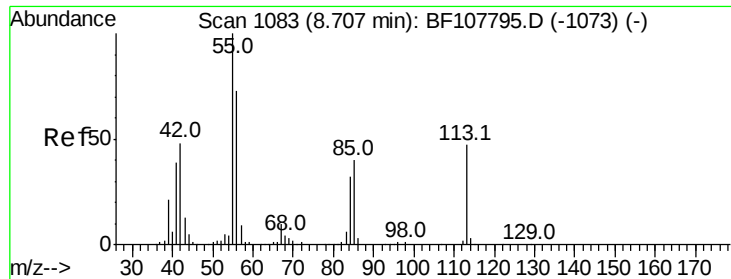
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





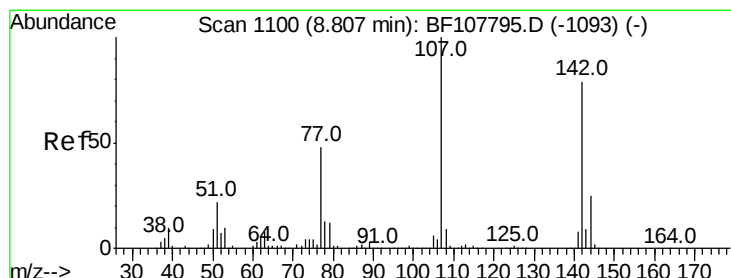
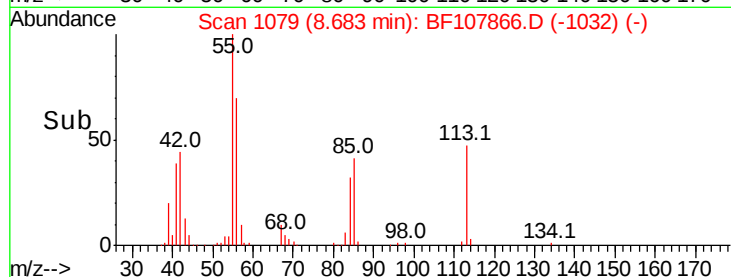
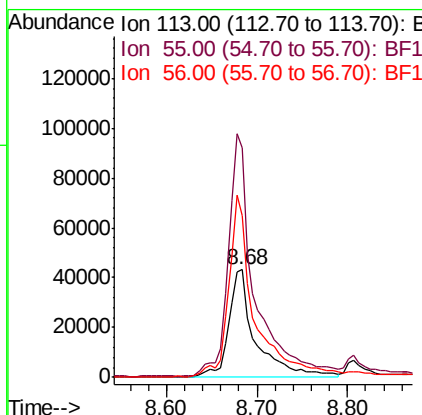
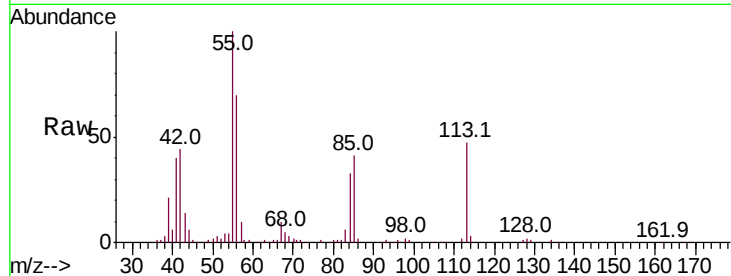
#35  
 Caprolactam  
 Concen: 32.041 ng  
 RT: 8.68 min Scan# 1079  
 Delta R.T. -0.02 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 214.0 | 163.3 | 203.3# |
| 56      | 150.5 | 115.7 | 155.7  |

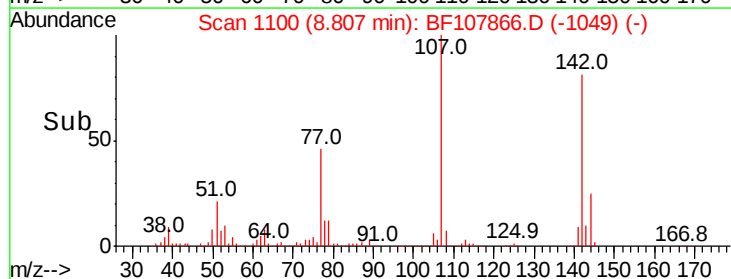
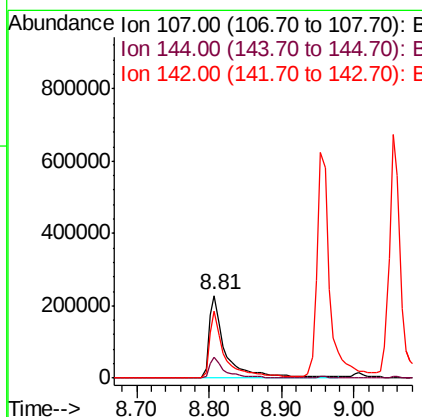
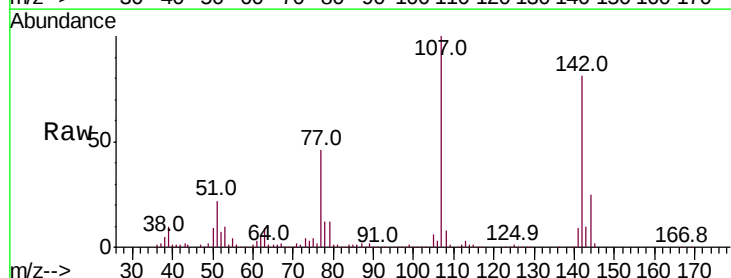
Manual Integrations  
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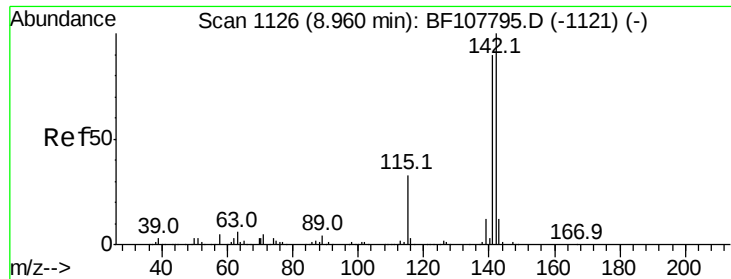
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#36  
 4-Chloro-3-methylphenol  
 Concen: 34.843 ng  
 RT: 8.81 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.0  | 20.5  | 30.7  |
| 142     | 80.5  | 62.0  | 93.0  |





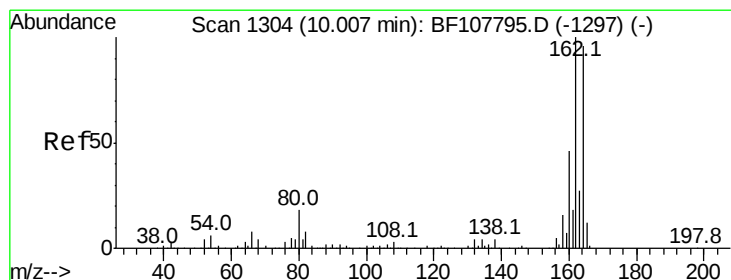
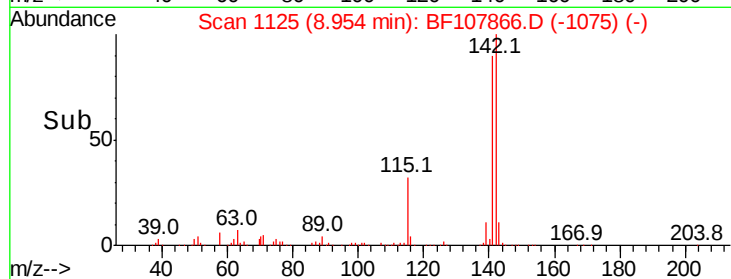
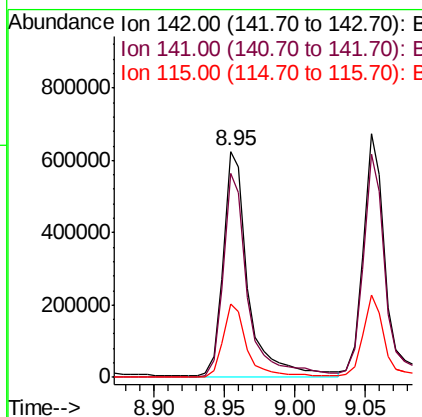
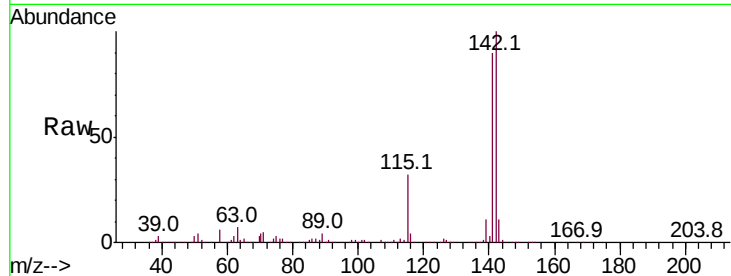
#37  
2-Methylnaphthalene  
Concen: 39.031 ng  
RT: 8.95 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 769608 |       |       |
| 141     | 90.4  |        | 70.8  | 106.2 |
| 115     | 32.5  |        | 26.1  | 39.1  |

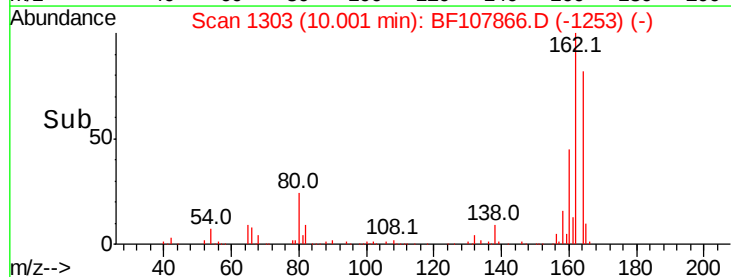
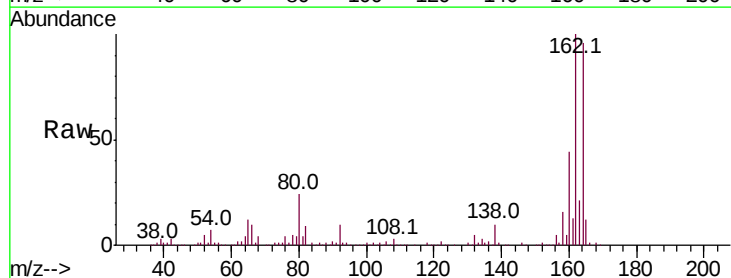
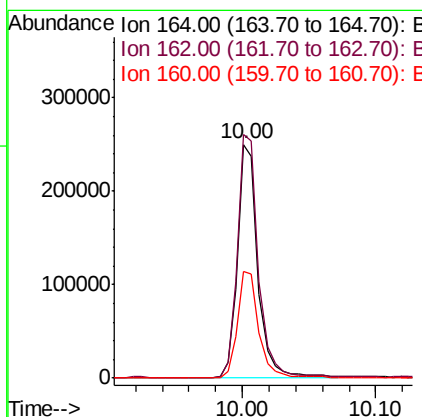
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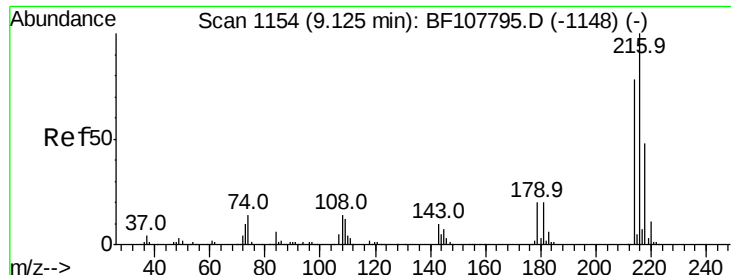
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 268265 |       |       |
| 162     | 104.3 |        | 86.1  | 129.1 |
| 160     | 45.8  |        | 38.3  | 57.5  |





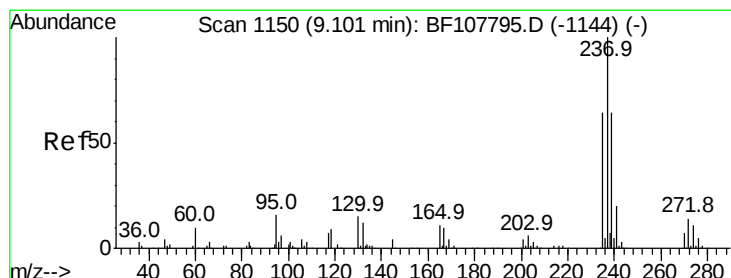
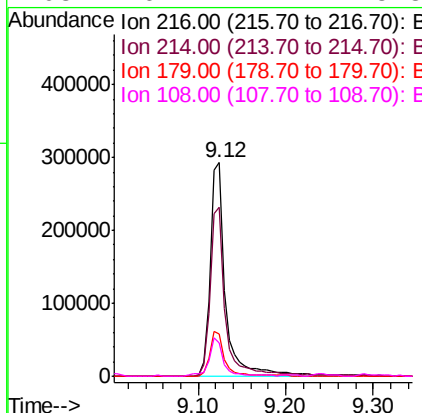
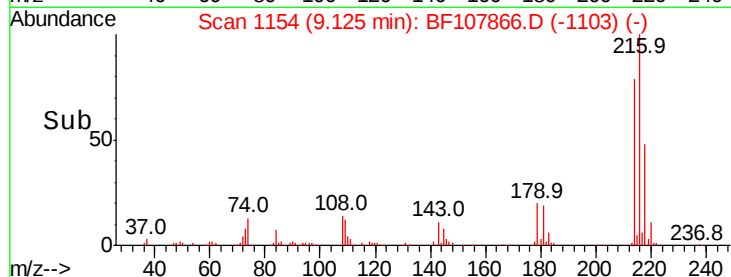
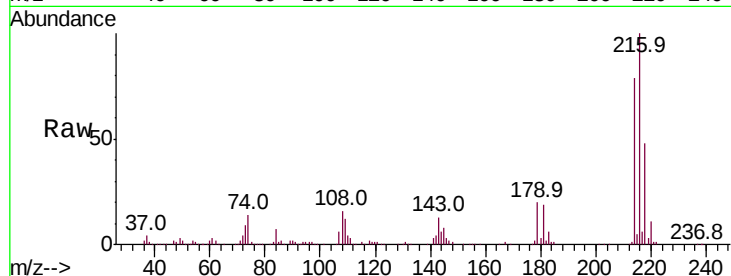
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.181 ng  
 RT: 9.12 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 358368 |       |       |
| 214     | 80.0  | 63.0   | 94.4  |       |
| 179     | 20.6  | 18.1   | 27.1  |       |
| 108     | 16.2  | 17.2   | 25.8  |       |

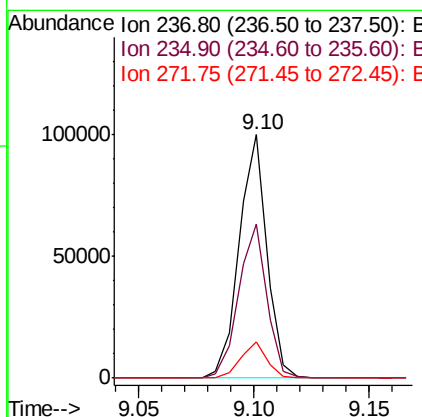
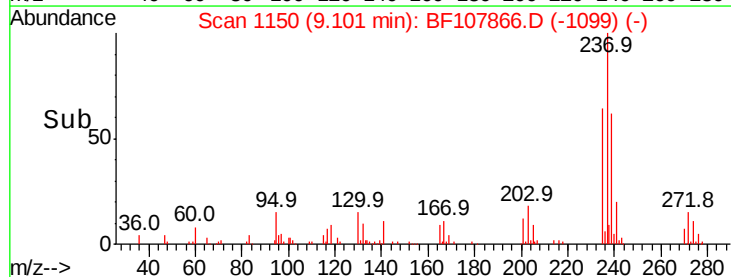
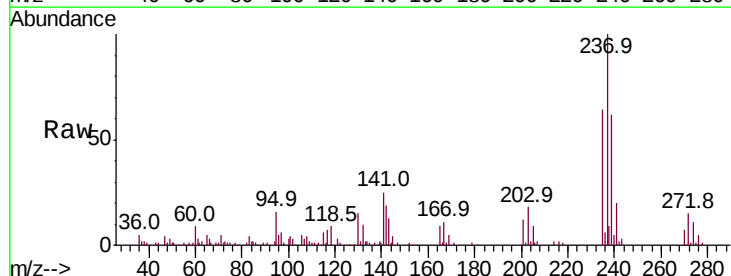
Manual Integrations  
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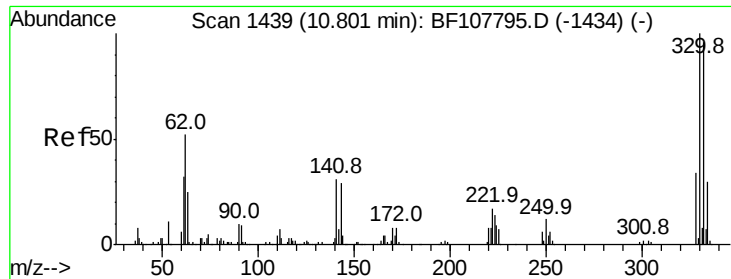
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#40  
 Hexachlorocyclopentadiene  
 Concen: 26.714 ng  
 RT: 9.10 min Scan# 1150  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 83747 |       |       |
| 235     | 63.5  | 44.8  | 84.8  |       |
| 272     | 14.8  | 0.0   | 33.3  |       |





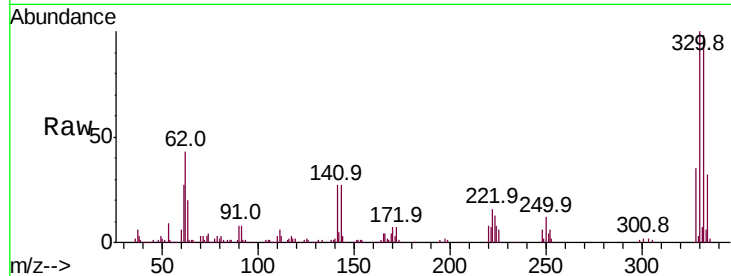
#41  
 2,4,6-Tribromophenol  
 Concen: 82.542 ng  
 RT: 10.80 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

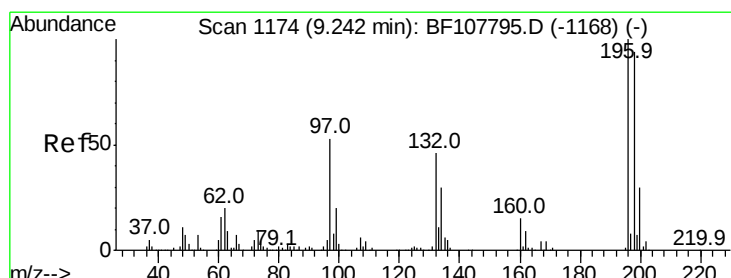
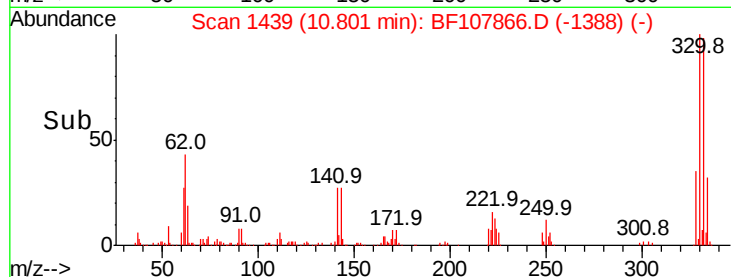
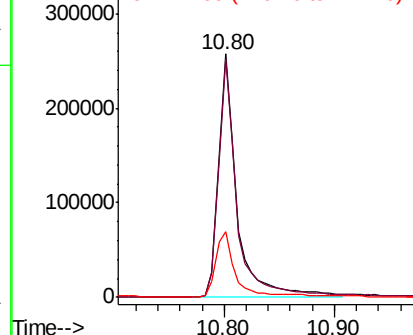
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 98.8  | 77.0 | 115.6 |       |
| 141     | 26.6  | 29.9 | 44.9  |       |

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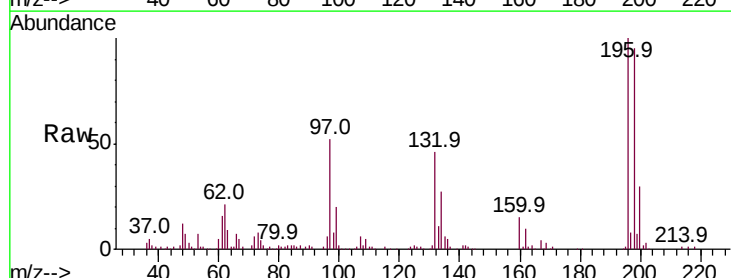


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

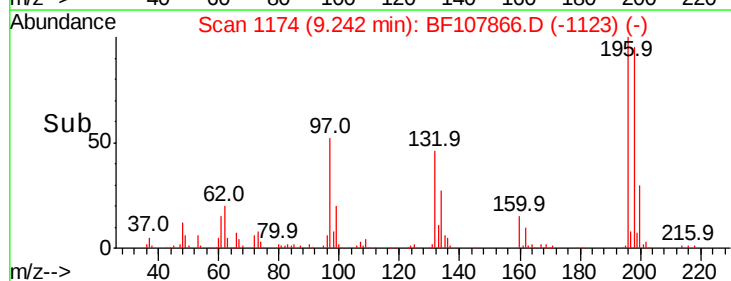
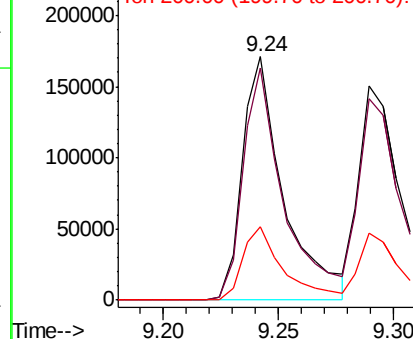


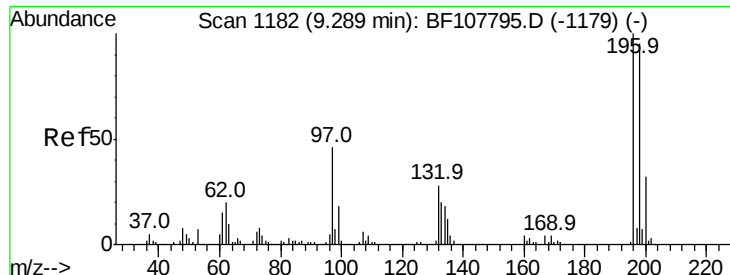
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.066 ng  
 RT: 9.24 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 95.4  | 75.7 | 113.5 |       |
| 200     | 30.0  | 24.5 | 36.7  |       |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





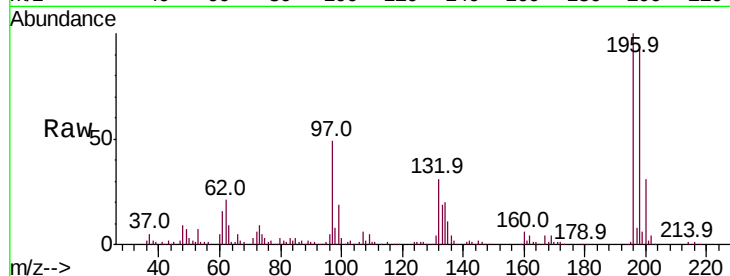
#43  
2,4,5-Trichlorophenol  
Concen: 37.370 ng  
RT: 9.29 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.0  | 74.6  | 112.0 |
| 97      | 49.0  | 42.9  | 64.3  |
| 132     | 31.4  | 26.3  | 39.5  |

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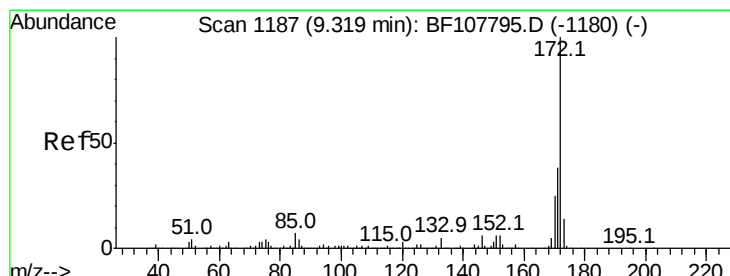
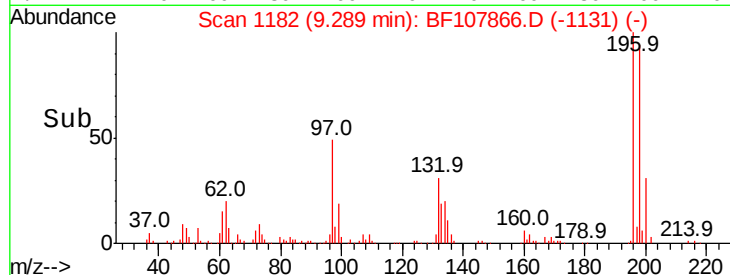
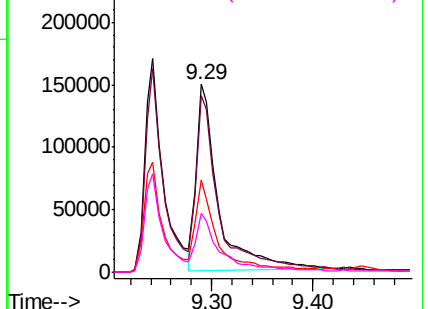
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 69.699 ng  
RT: 9.31 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

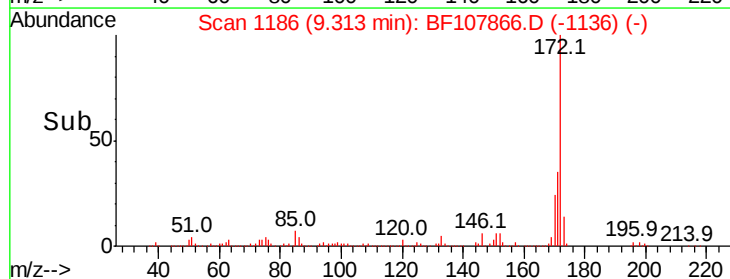
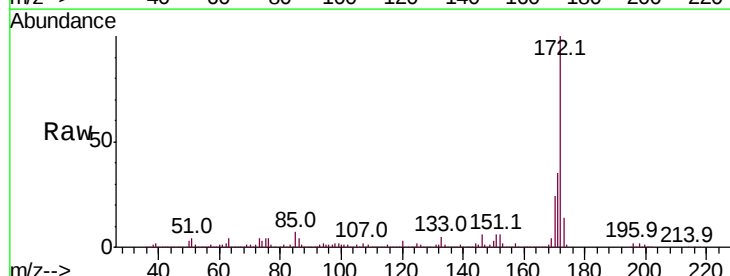
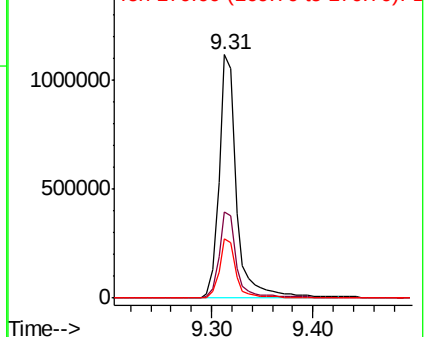
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 29.7  | 44.5  |
| 170     | 24.2  | 19.6  | 29.4  |

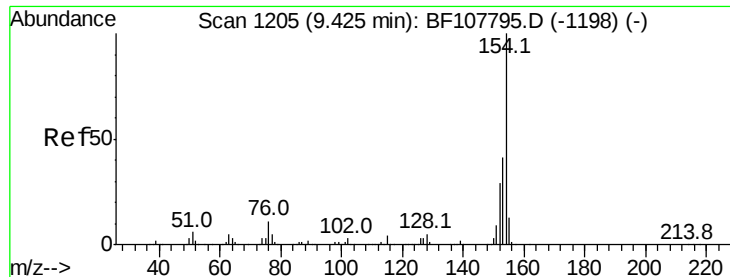
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





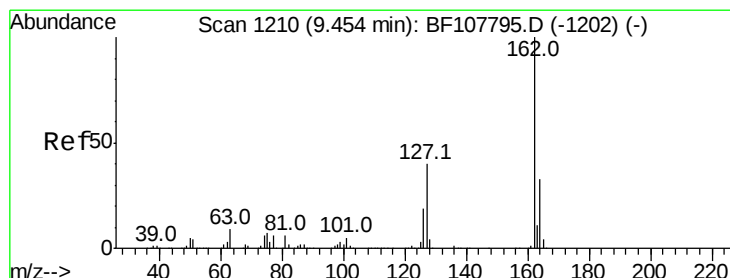
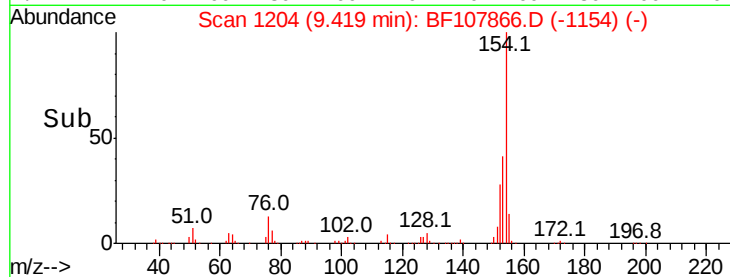
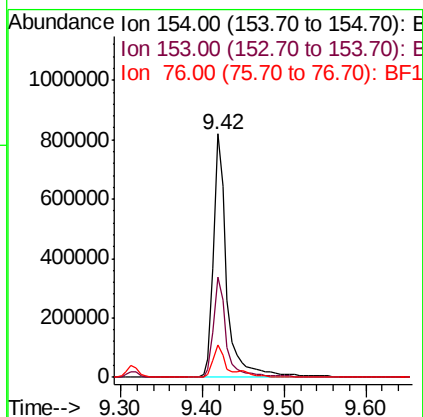
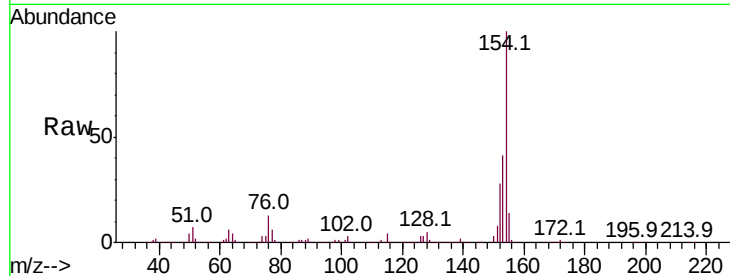
#45  
 1,1'-Biphenyl  
 Concen: 38.431 ng  
 RT: 9.42 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 21.3  | 61.3  |
| 76      | 13.2  | 0.0   | 34.0  |

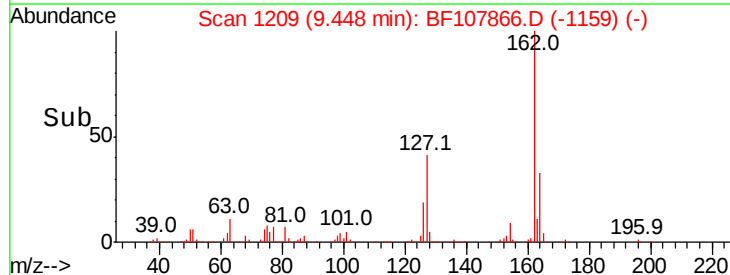
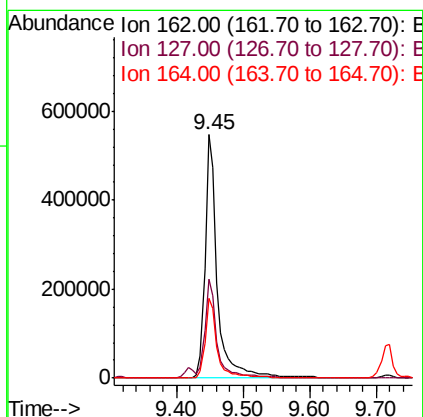
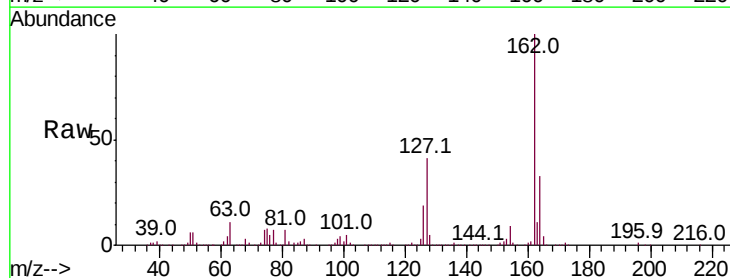
Manual Integrations  
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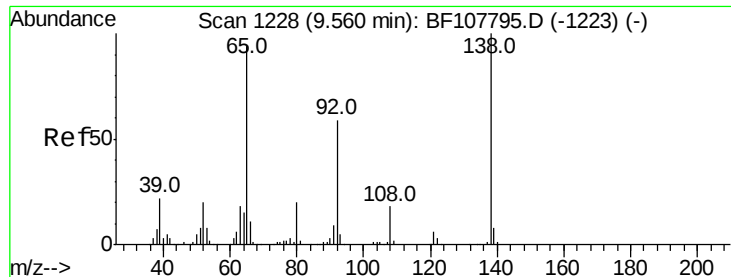
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#46  
 2-Chloronaphthalene  
 Concen: 38.043 ng  
 RT: 9.45 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.8  | 33.9  | 50.9  |
| 164     | 32.8  | 26.5  | 39.7  |





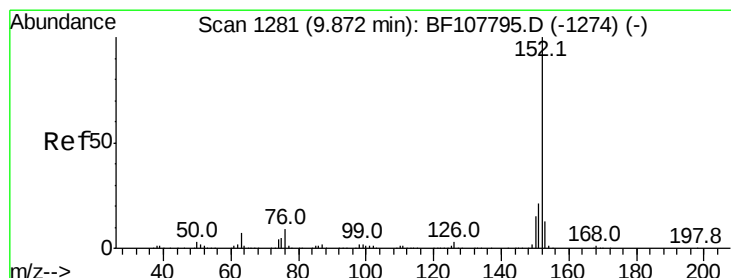
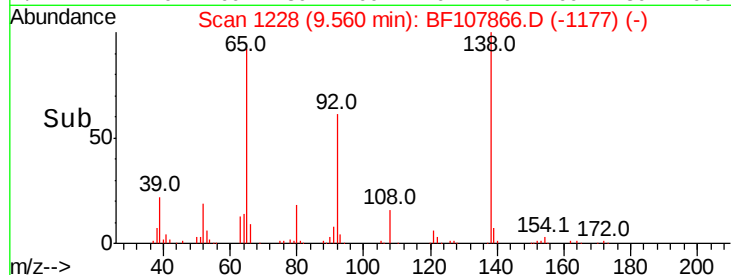
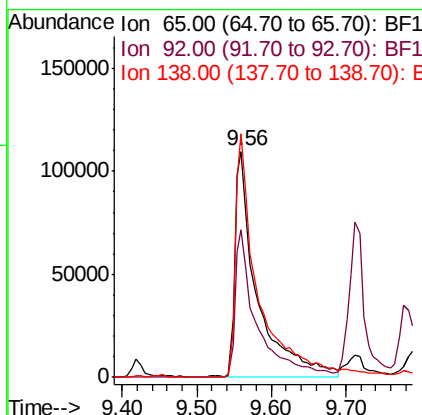
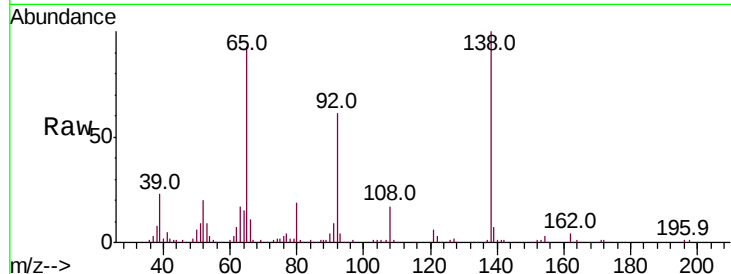
#47  
2-Nitroaniline  
Concen: 38.308 ng  
RT: 9.56 min Scan# 1228  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.2  | 55.8  | 83.6  |
| 138     | 107.6 | 91.2  | 136.8 |

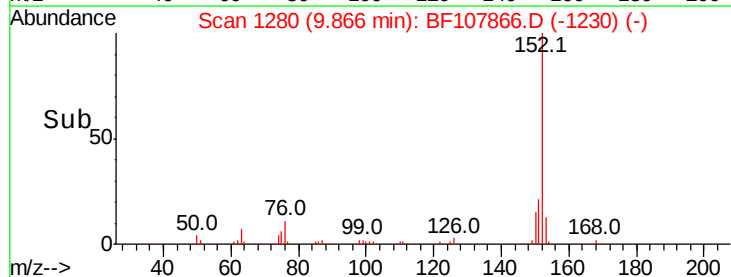
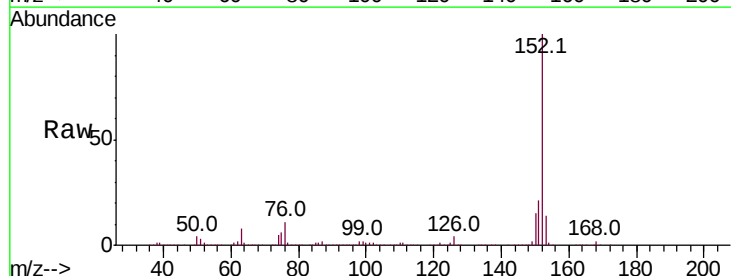
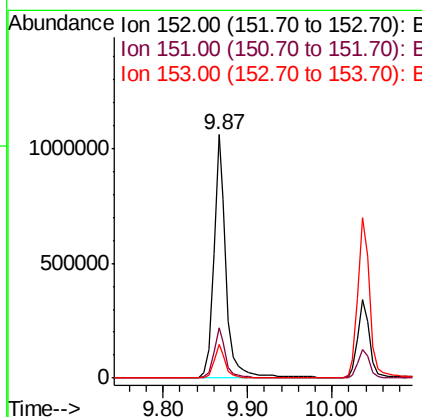
Manual Integrations  
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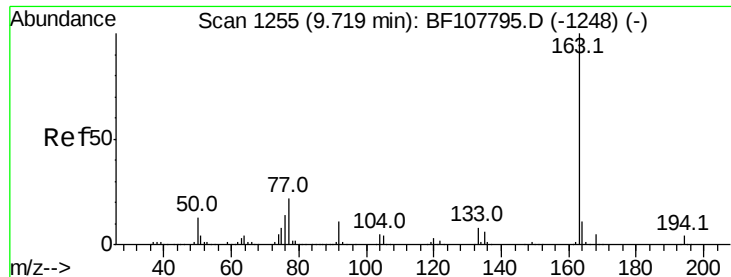
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#48  
Acenaphthylene  
Concen: 38.397 ng  
RT: 9.87 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 16.3  | 24.5  |
| 153     | 13.6  | 10.7  | 16.1  |





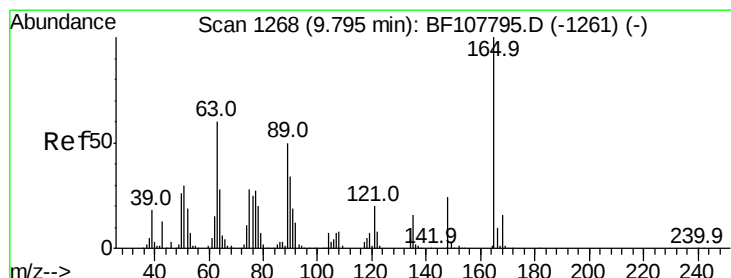
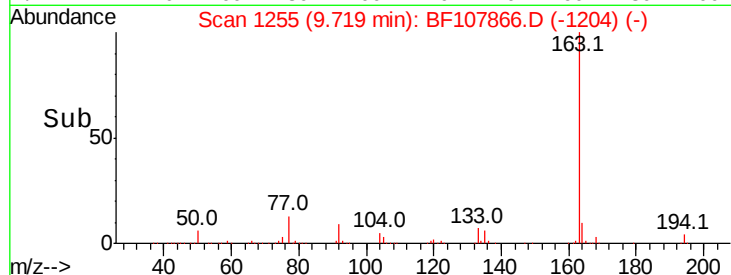
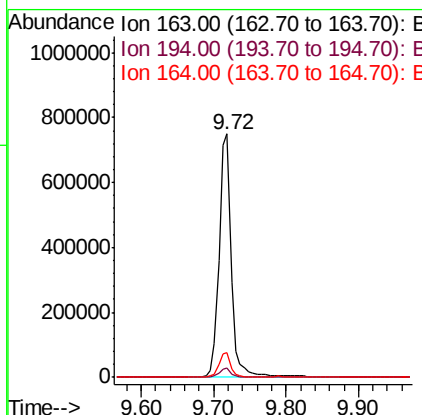
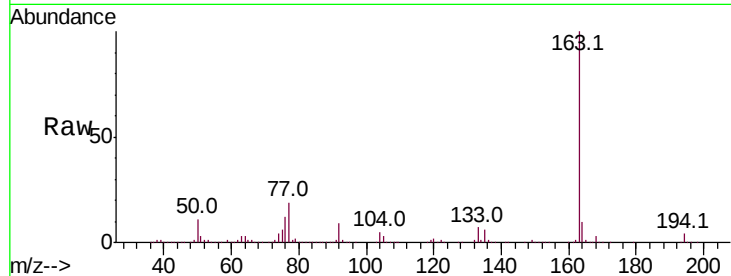
#49  
 Dimethylphthalate  
 Concen: 44.181 ng  
 RT: 9.72 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 890100 |       |       |
| 194     | 3.7   |        | 2.7   | 4.1   |
| 164     | 10.1  |        | 8.2   | 12.2  |

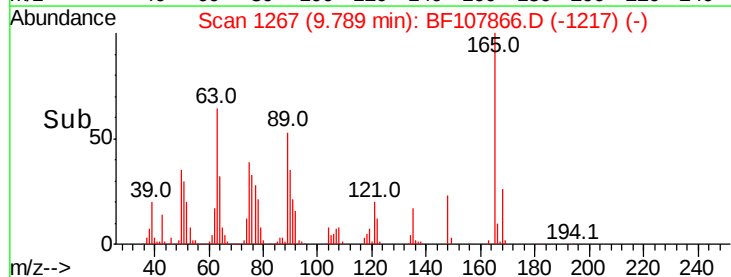
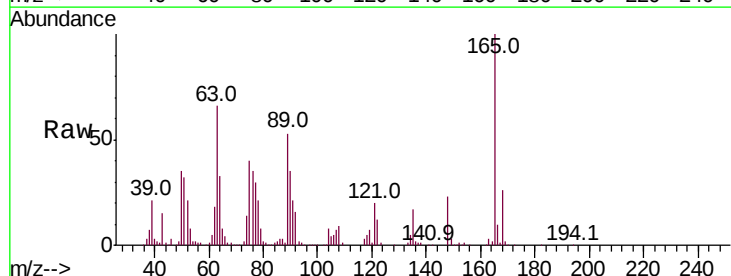
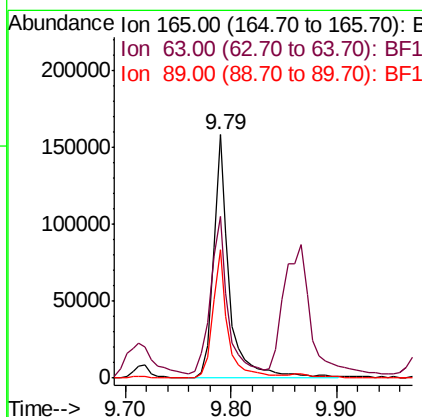
Manual Integrations  
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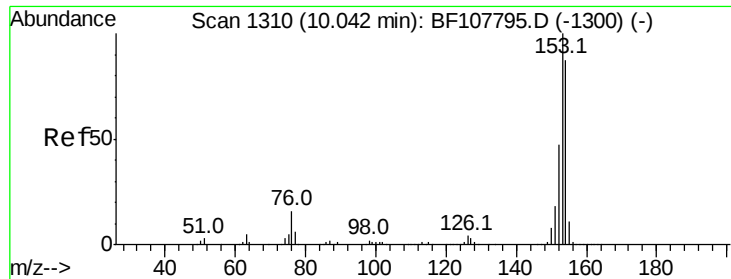
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#50  
 2,6-Dinitrotoluene  
 Concen: 38.204 ng  
 RT: 9.79 min Scan# 1267  
 Delta R.T. -0.01 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 167269 |       |       |
| 63      | 66.3  |        | 44.7  | 67.1  |
| 89      | 52.7  |        | 44.0  | 66.0  |





#51

Acenaphthene

Concen: 37.742 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

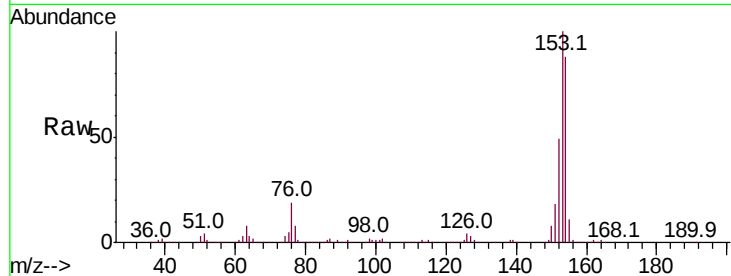
ClientSampleId :

FK-GF-01-010-AMSD

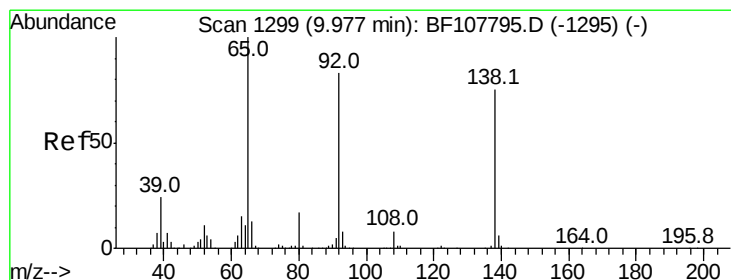
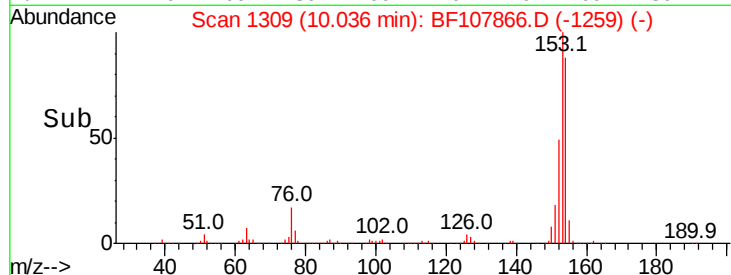
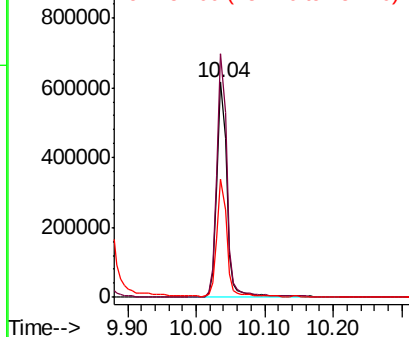
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 625744 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 113.3 | 91.2  | 136.8  |
| 152      | 55.2  | 43.8  | 65.8   |

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



#52

3-Nitroaniline

Concen: 30.260 ng

RT: 9.98 min Scan# 1299

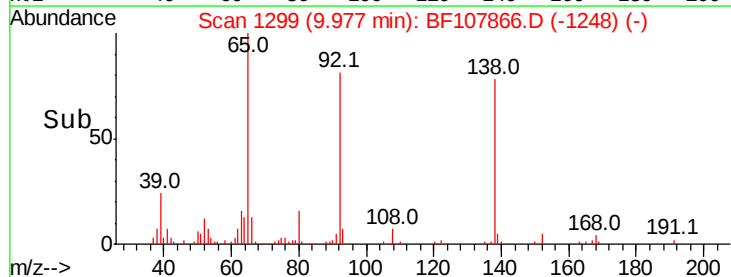
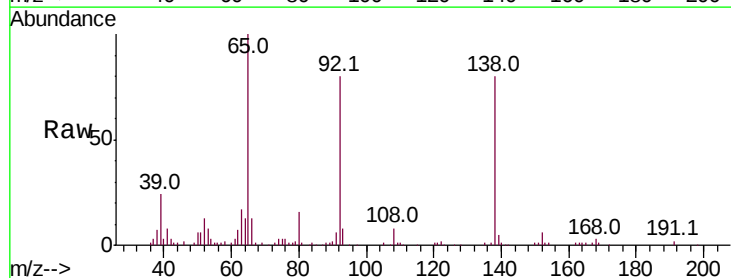
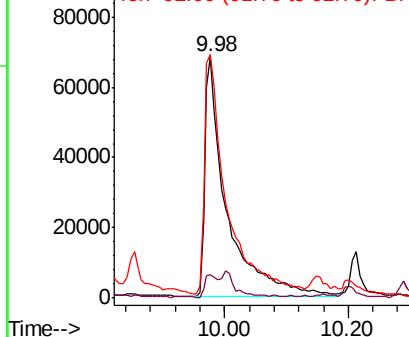
Delta R.T. 0.00 min

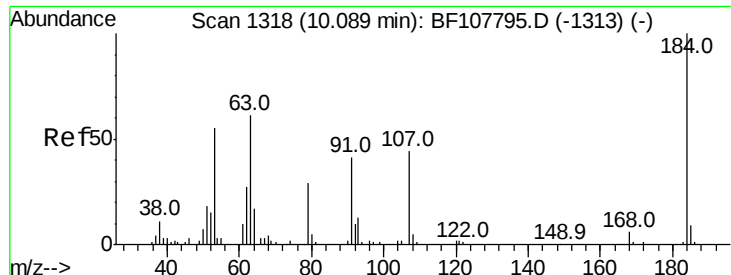
Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 166949 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 10.0  | 9.4   | 14.0   |
| 92       | 100.9 | 89.4  | 134.2  |

Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1





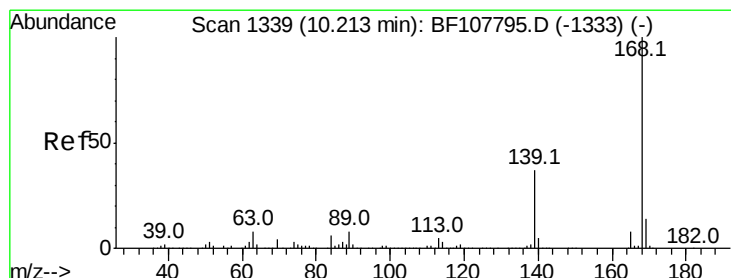
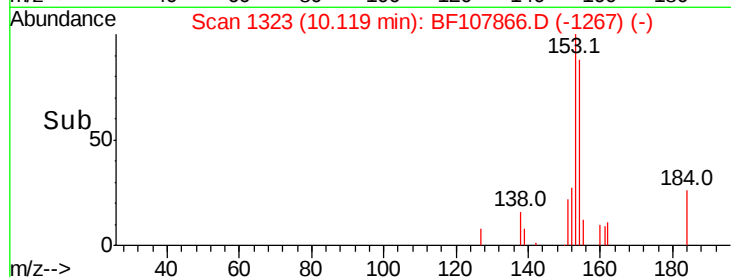
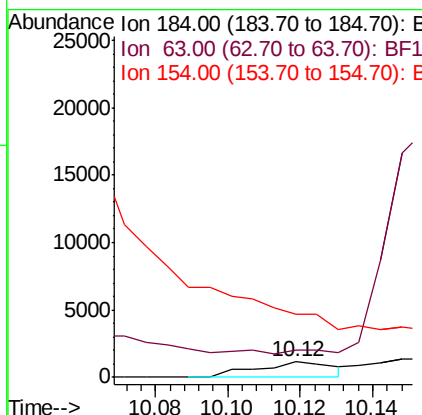
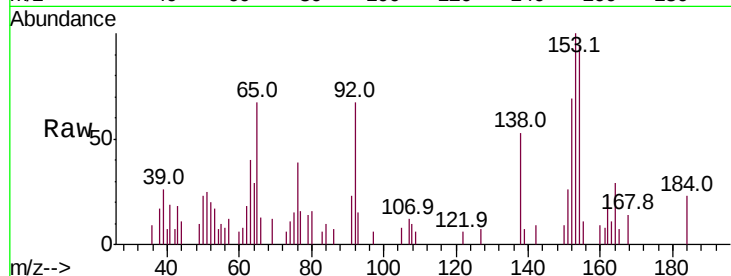
#53  
2,4-Dinitrophenol  
Concen: 9.092 ng  
RT: 10.12 min Scan# 1323  
Delta R.T. 0.03 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 171.5 | 54.2  | 81.2#  |
| 154     | 408.6 | 184.0 | 276.0# |

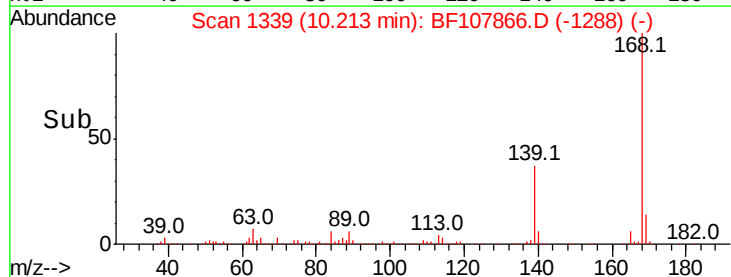
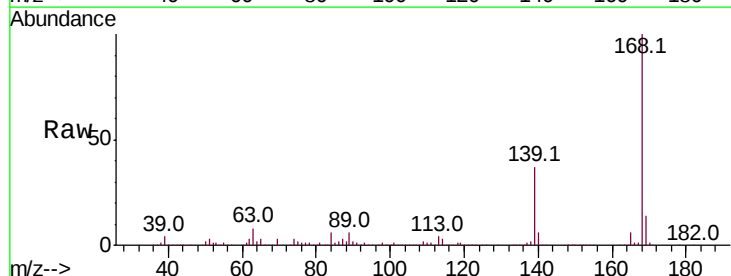
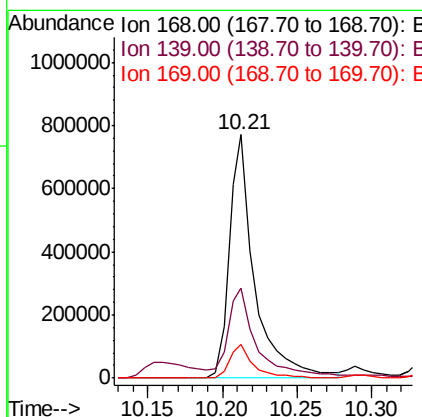
Manual Integrations  
APPROVED

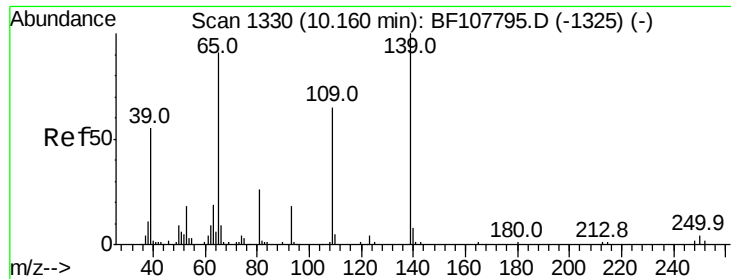
Sohil  
8/1/2018 3:57:33 PM



#54  
Dibenzofuran  
Concen: 35.628 ng  
RT: 10.21 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.0  | 30.1  | 45.1  |
| 169     | 13.8  | 10.9  | 16.3  |





#55

4-Nitrophenol

Concen: 47.684 ng

RT: 10.15 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

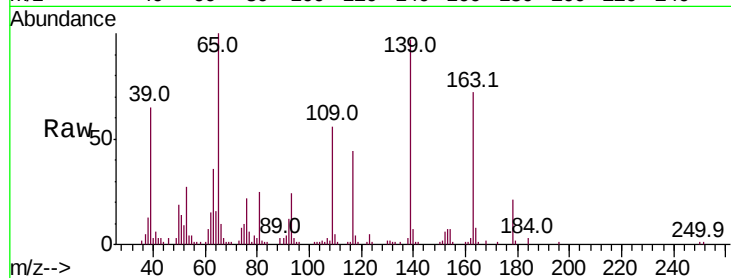
ClientSampleId :

FK-GF-01-010-AMSD

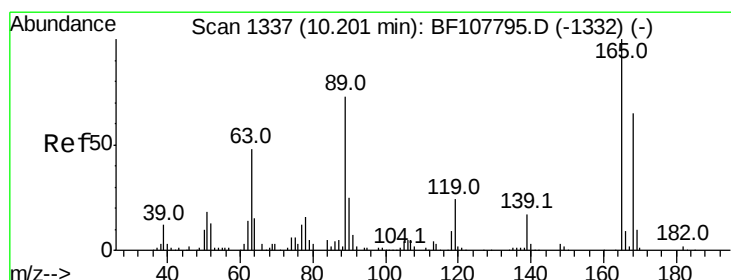
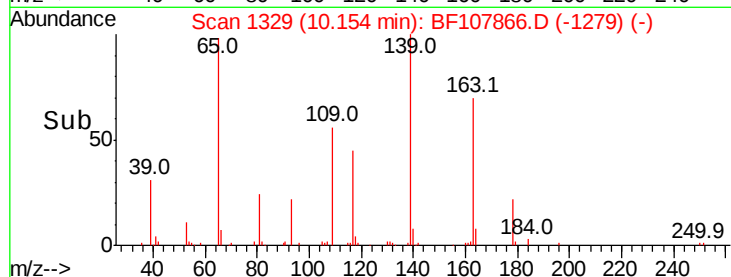
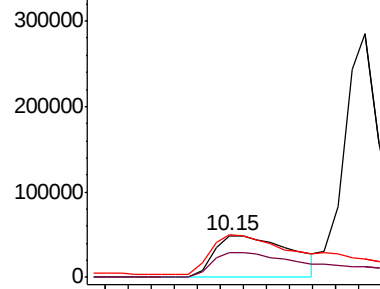
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 112763 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 57.9  | 48.4  | 88.4   |
| 65        | 103.2 | 72.6  | 112.6  |

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Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 34.011 ng

RT: 10.20 min Scan# 1337

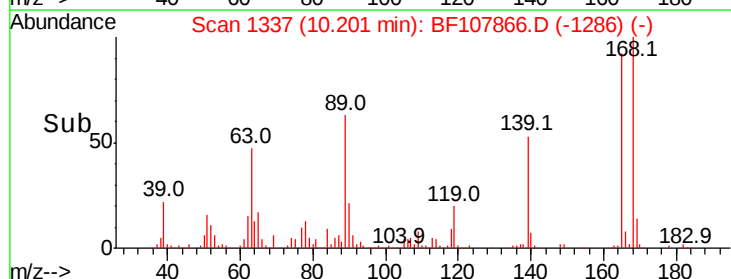
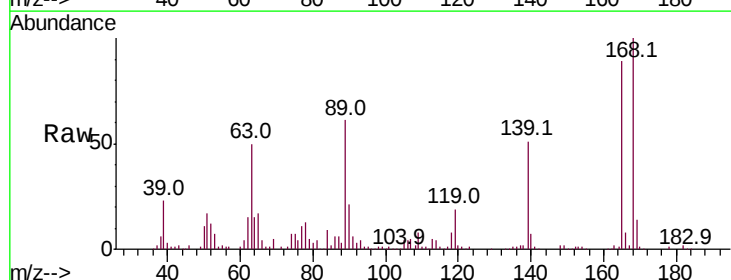
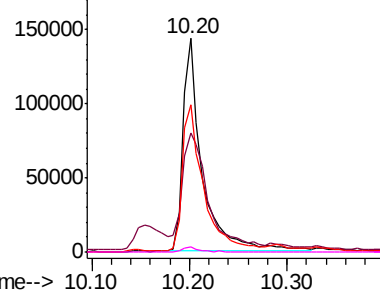
Delta R.T. 0.00 min

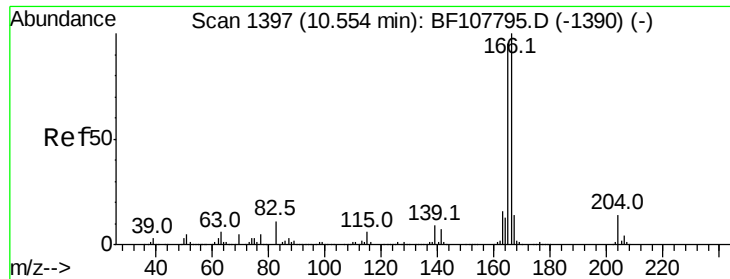
Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 195719 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 56.0  | 36.4  | 54.6#  |
| 89        | 69.1  | 57.8  | 86.6   |
| 182       | 2.7   | 1.6   | 2.4#   |

Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.400 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

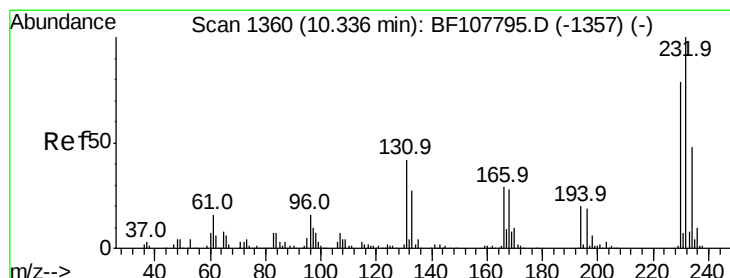
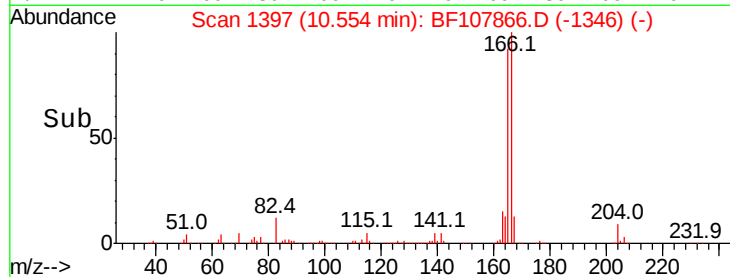
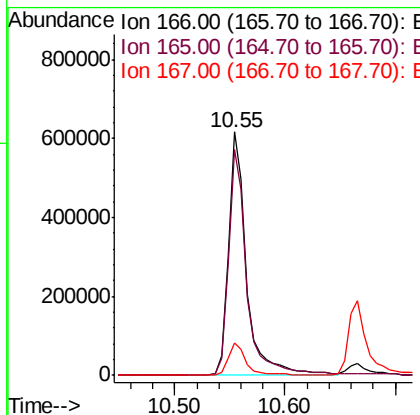
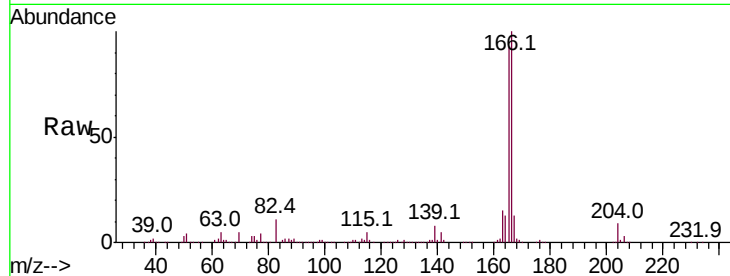
ClientSampleId :

FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 92.8  | 79.8  | 119.8 |
| 167     | 13.5  | 10.6  | 16.0  |

Manual Integrations  
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#58

2,3,4,6-Tetrachlorophenol

Concen: 31.112 ng

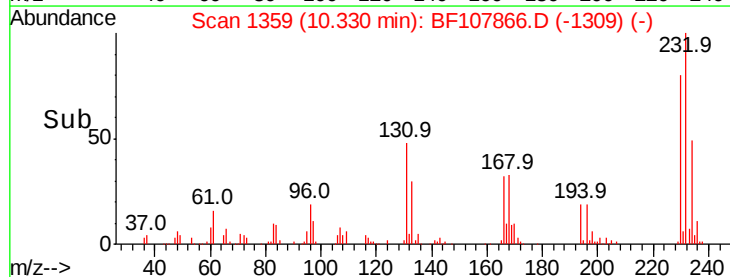
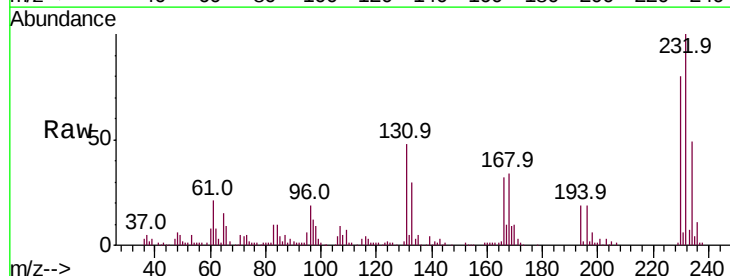
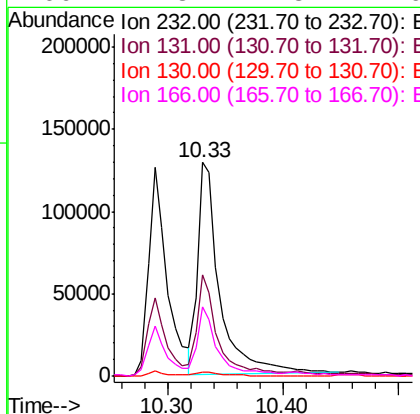
RT: 10.33 min Scan# 1359

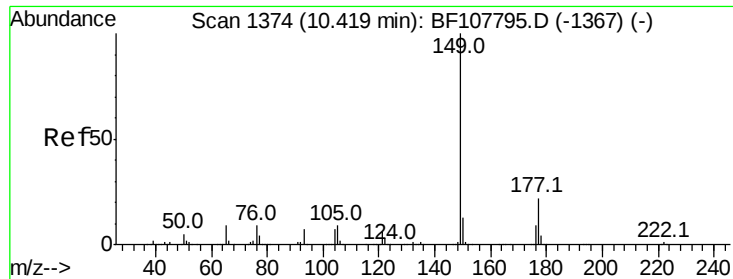
Delta R.T. -0.01 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.9  | 43.8  | 65.8# |
| 130     | 2.3   | 2.1   | 3.1   |
| 166     | 27.3  | 27.8  | 41.6# |





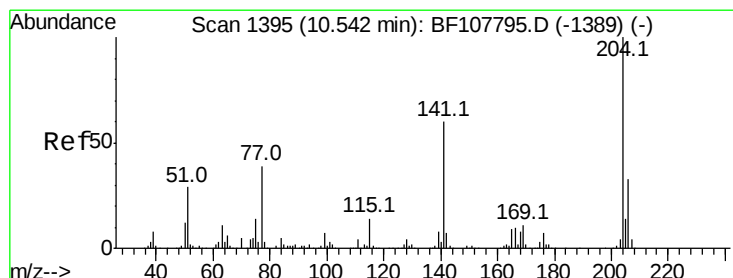
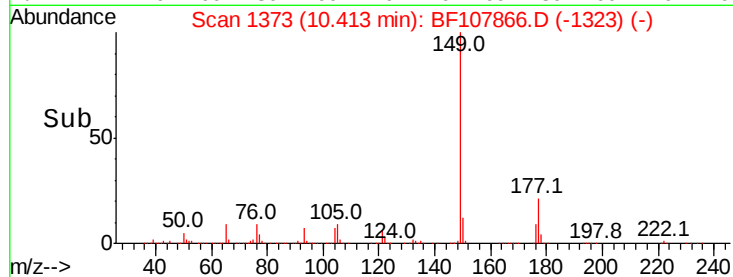
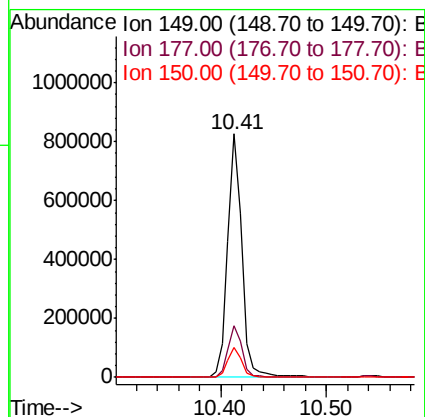
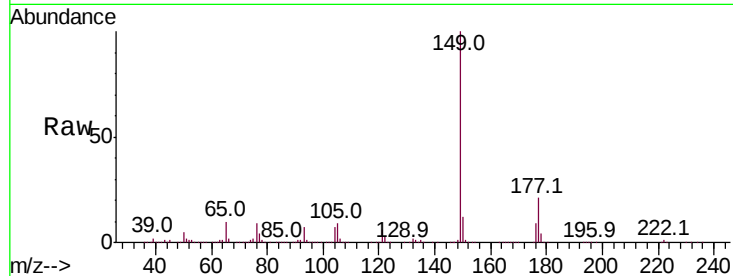
#59  
Diethylphthalate  
Concen: 35.950 ng  
RT: 10.41 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.4  | 16.1  | 24.1  |
| 150     | 12.4  | 10.1  | 15.1  |

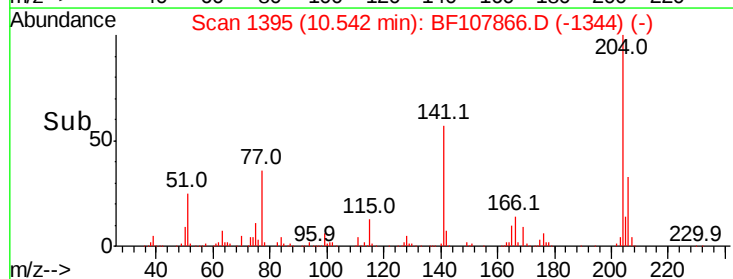
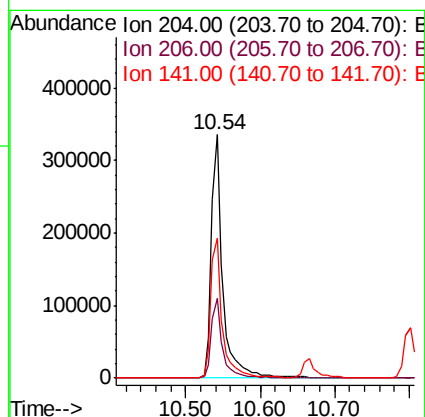
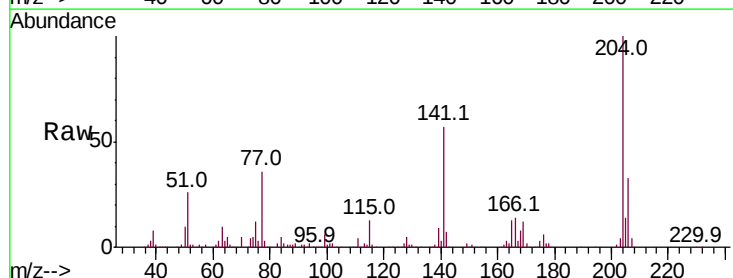
Manual Integrations  
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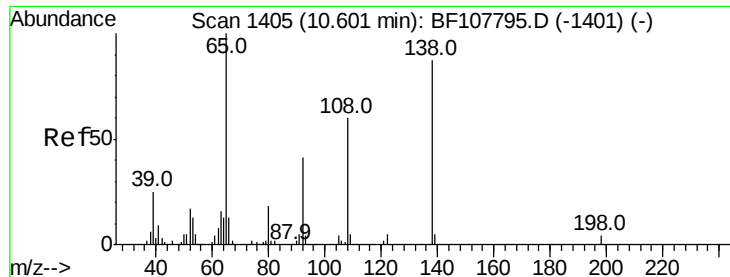
Sohil  
8/1/2018 3:57:33 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 32.995 ng  
RT: 10.54 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.5  | 39.7  |
| 141     | 57.5  | 54.6  | 81.8  |





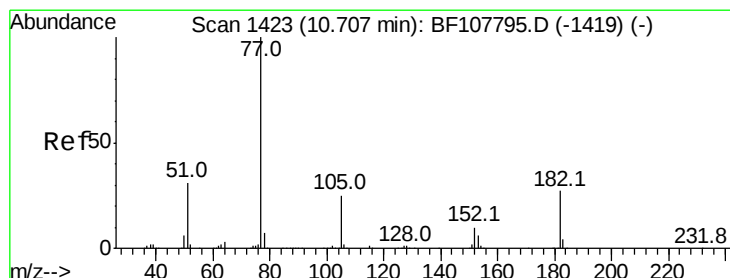
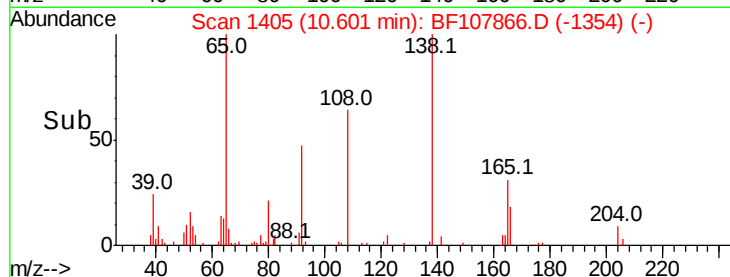
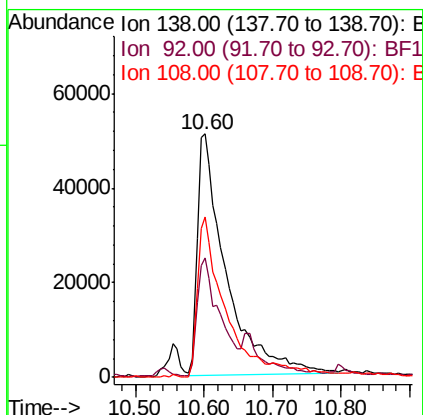
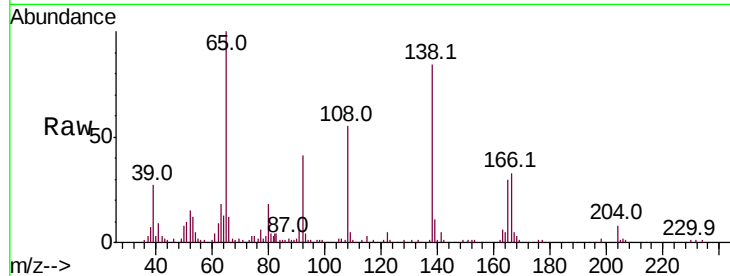
#61  
4-Nitroaniline  
Concen: 30.743 ng  
RT: 10.60 min Scan# 1405  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.9  | 30.2  | 70.2  |
| 108     | 65.9  | 52.5  | 92.5  |

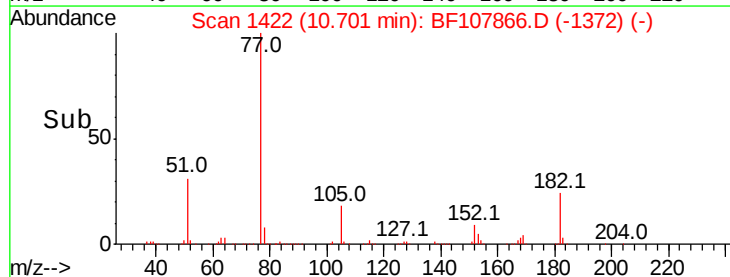
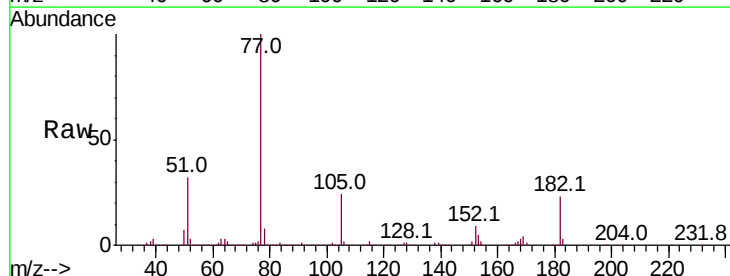
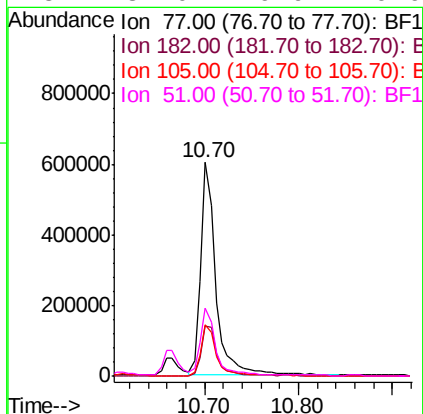
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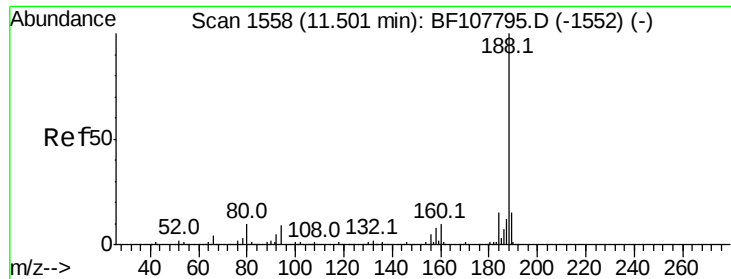
Sohil  
8/1/2018 3:57:33 PM



#62  
Azobenzene  
Concen: 33.443 ng  
RT: 10.70 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.5  | 1.7   | 41.7  |
| 105     | 24.3  | 3.0   | 43.0  |
| 51      | 32.0  | 9.9   | 49.9  |





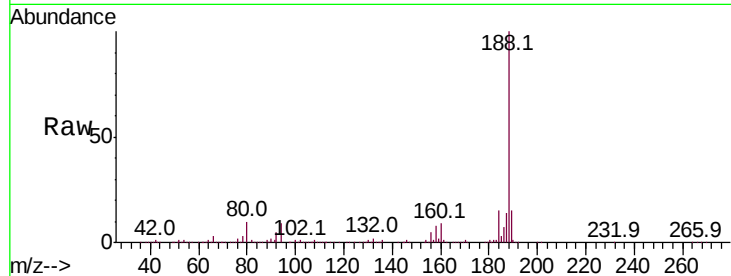
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1558  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

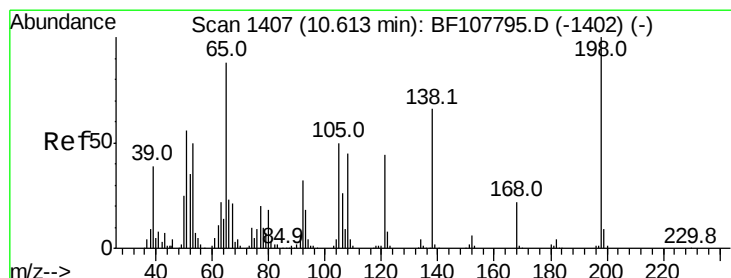
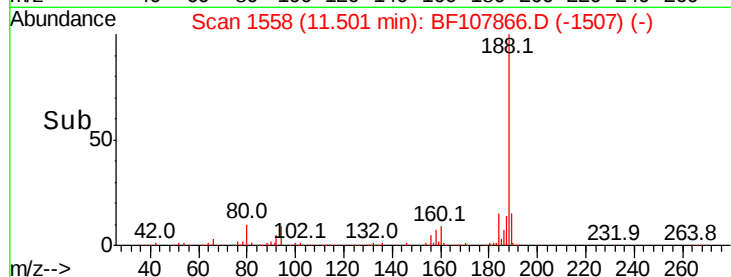
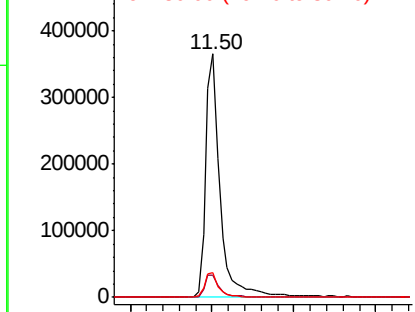
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 9.3   | 8.5  | 12.7  |       |
| 80      | 10.0  | 9.2  | 13.8  |       |

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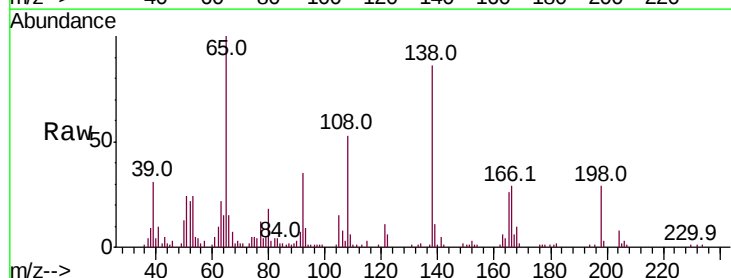


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

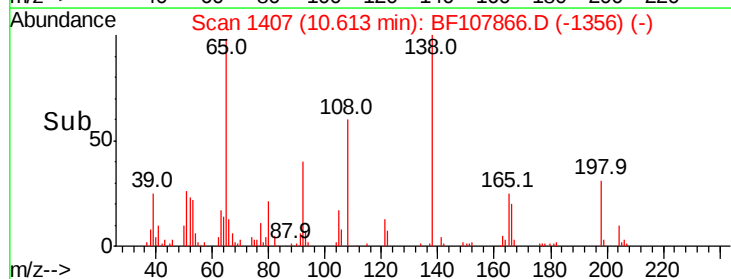
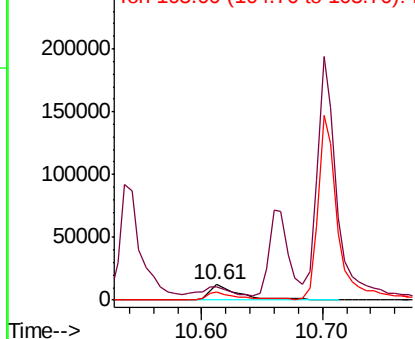


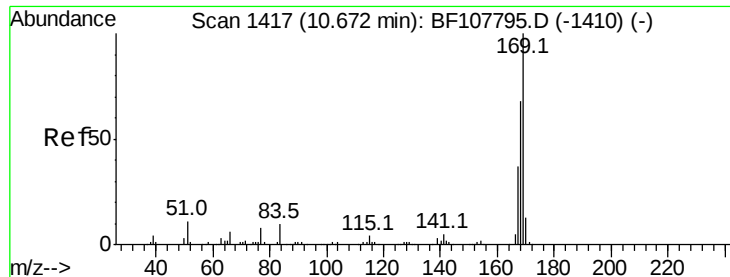
#64  
4,6-Dinitro-2-methylphenol  
Concen: 8.776 ng  
RT: 10.61 min Scan# 1407  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 84.0  | 37.7 | 77.7# |       |
| 105     | 51.3  | 36.3 | 76.3  |       |



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E





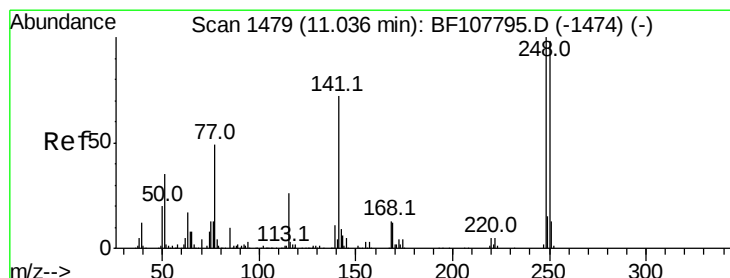
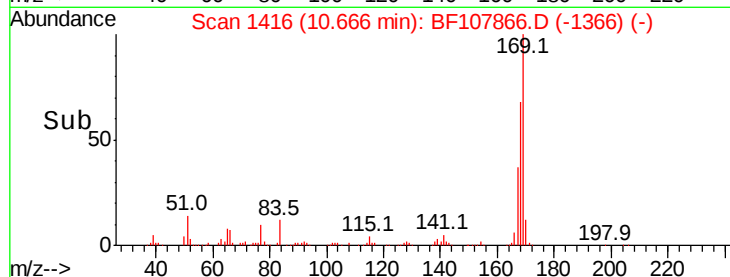
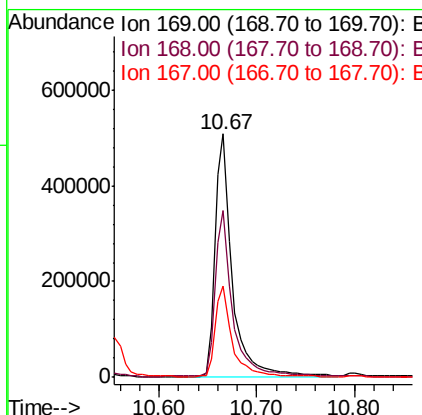
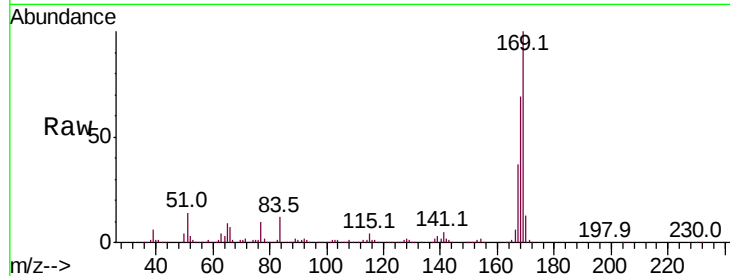
#65  
n-Nitrosodiphenylamine  
Concen: 41.940 ng  
RT: 10.67 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.5  | 54.4  | 81.6  |
| 167     | 37.3  | 29.8  | 44.6  |

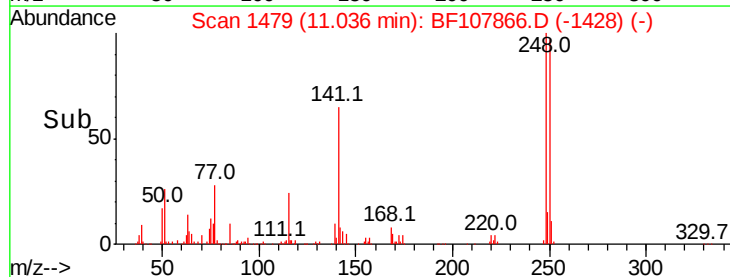
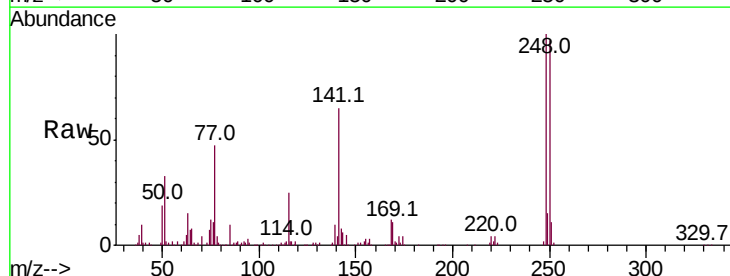
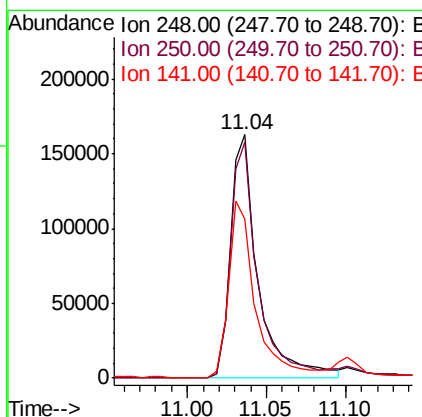
Manual Integrations  
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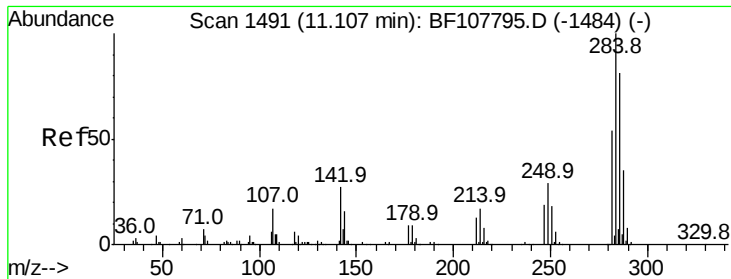
Sohil  
8/1/2018 3:57:33 PM



#66  
4-Bromophenyl-phenylether  
Concen: 37.465 ng  
RT: 11.04 min Scan# 1479  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 96.8  | 76.9  | 115.3  |
| 141     | 65.2  | 74.4  | 111.6# |





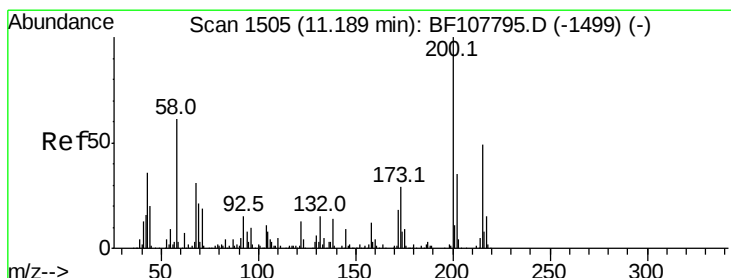
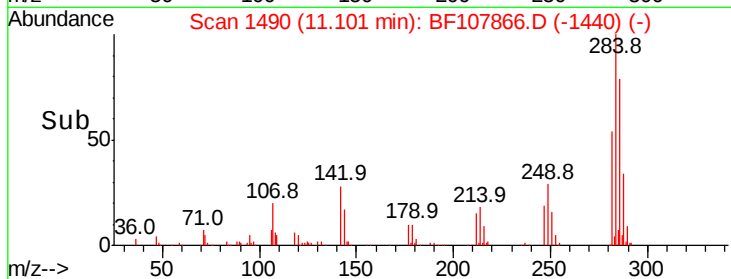
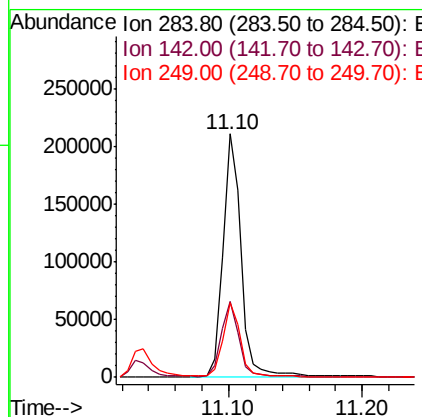
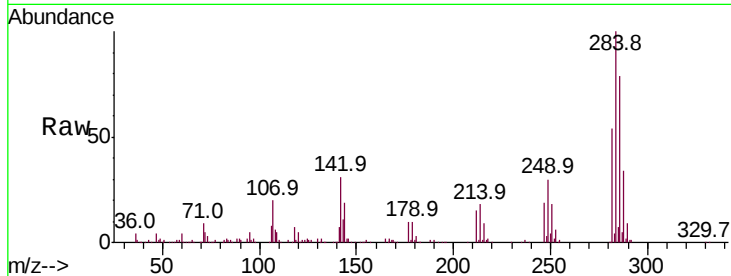
#67  
Hexachlorobenzene  
Concen: 34.952 ng  
RT: 11.10 min Scan# 1490  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 31.4  | 34.6 | 52.0  |       |
| 249     | 30.4  | 24.8 | 37.2  |       |

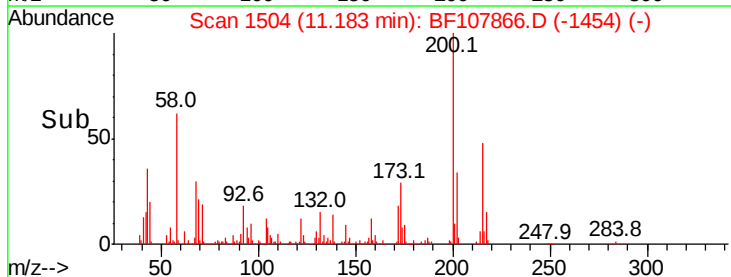
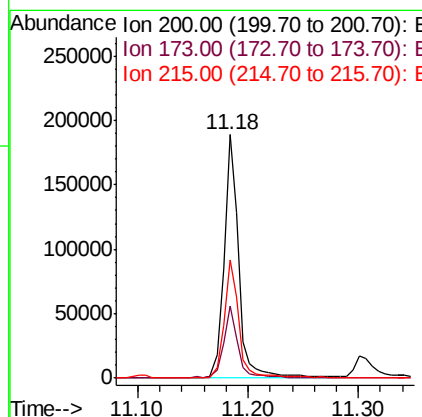
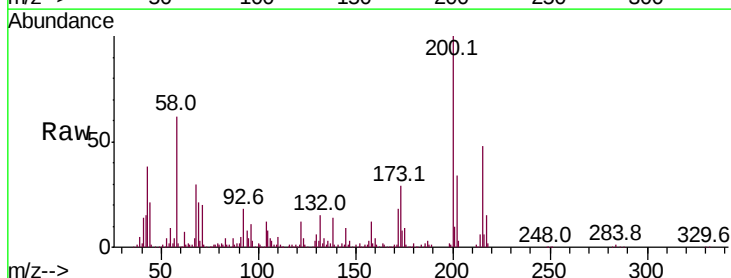
Manual Integrations  
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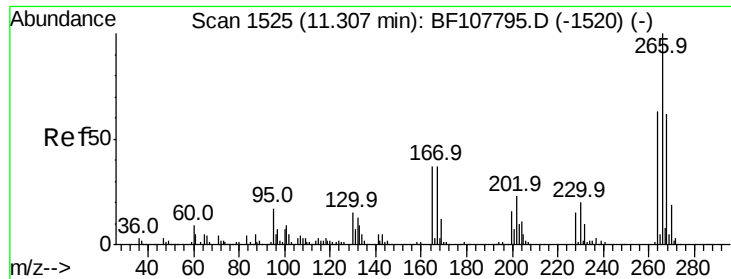
Sohil  
8/1/2018 3:57:33 PM



#68  
Atrazine  
Concen: 40.013 ng  
RT: 11.18 min Scan# 1504  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 29.4  | 8.6  | 48.6  |       |
| 215     | 48.4  | 25.1 | 65.1  |       |





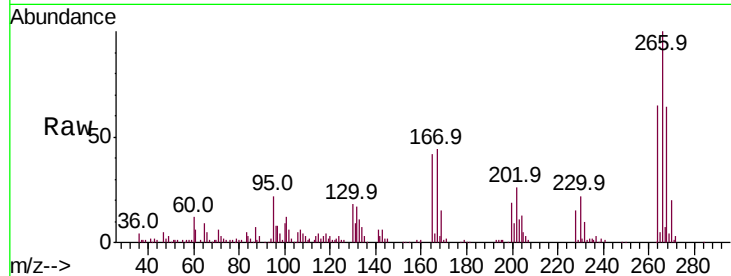
#69  
 Pentachlorophenol  
 Concen: 49.779 ng  
 RT: 11.30 min Scan# 1524  
 Delta R.T. -0.01 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 142805 |       |       |
| 268     | 64.1  |        | 51.1  | 76.7  |
| 264     | 65.5  |        | 49.5  | 74.3  |

Manual Integrations  
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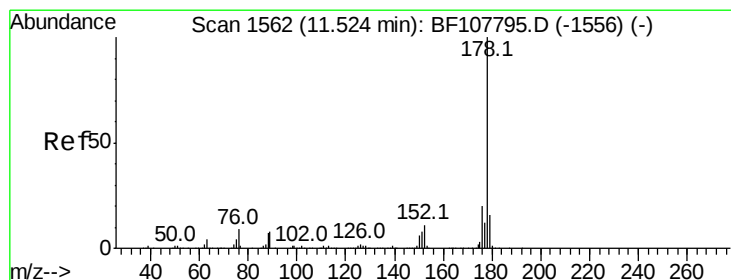
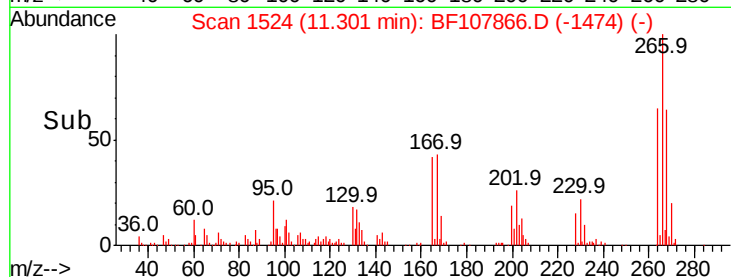
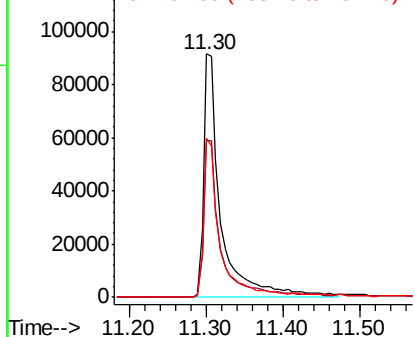


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 39.794 ng  
 RT: 11.52 min Scan# 1562  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

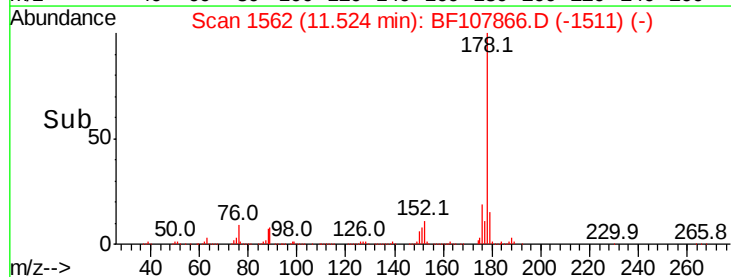
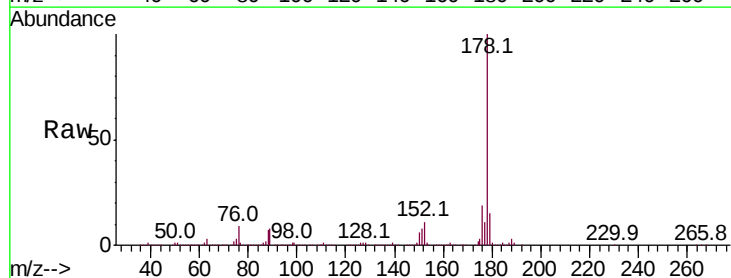
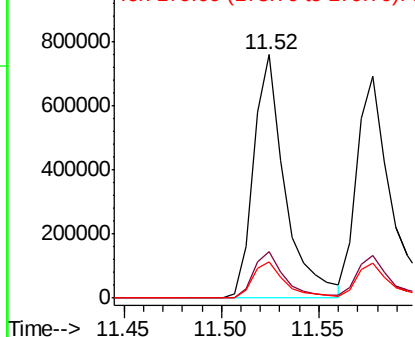
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 851961 |       |       |
| 176     | 19.2  |        | 15.8  | 23.8  |
| 179     | 14.9  |        | 13.0  | 19.6  |

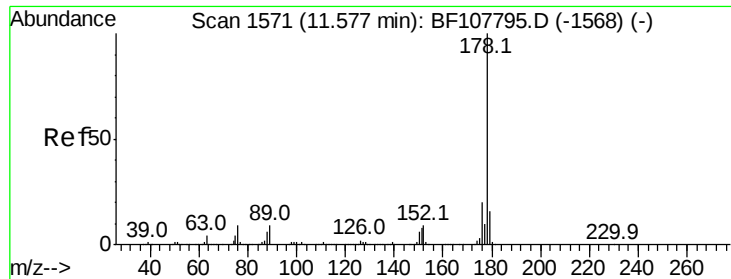
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





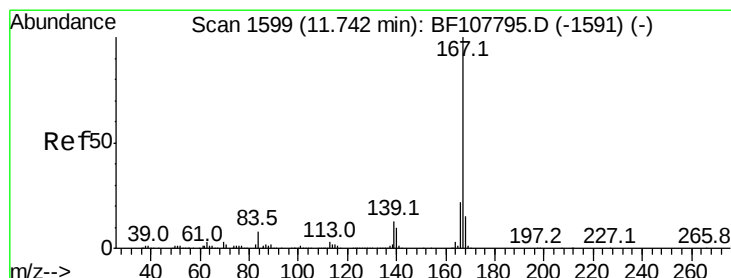
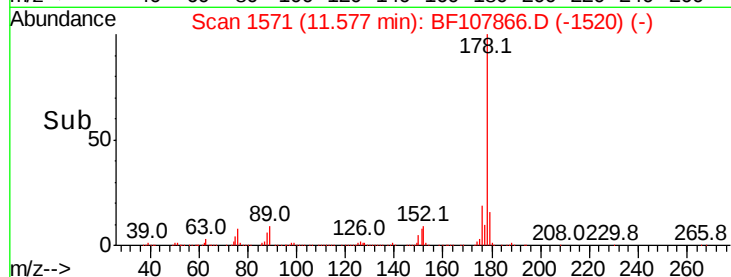
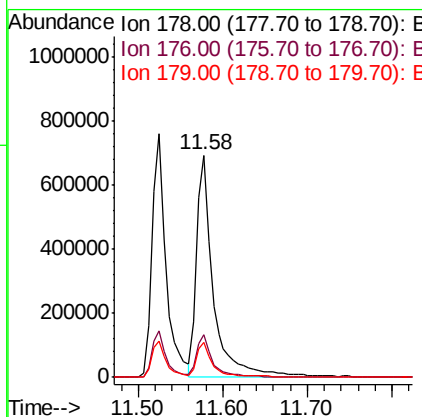
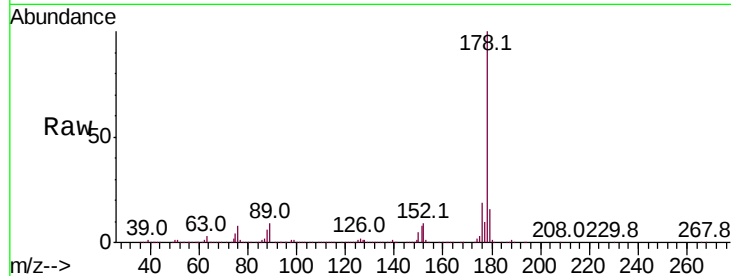
#71  
 Anthracene  
 Concen: 37.898 ng  
 RT: 11.58 min Scan# 1571  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

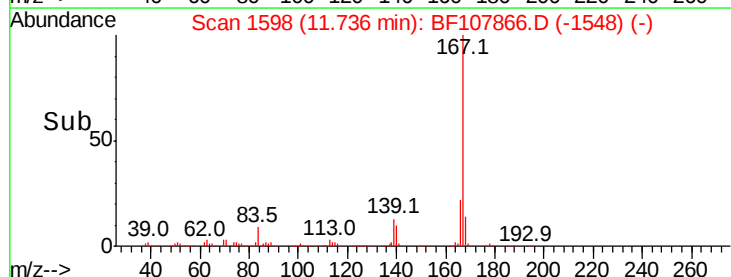
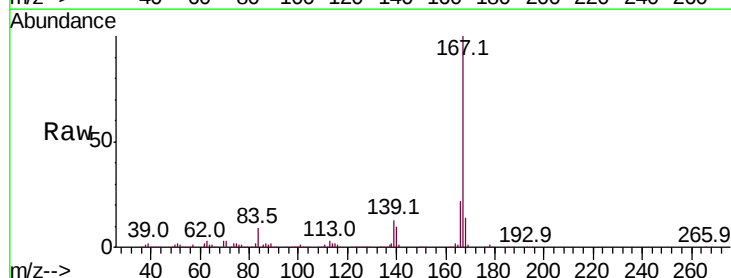
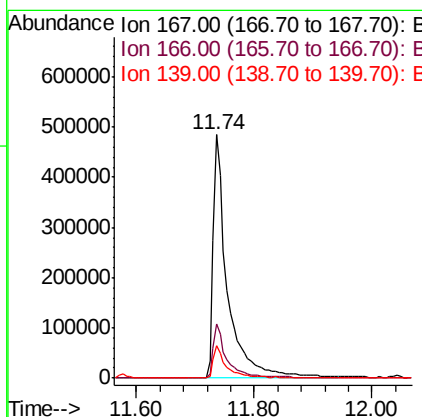
Manual Integrations  
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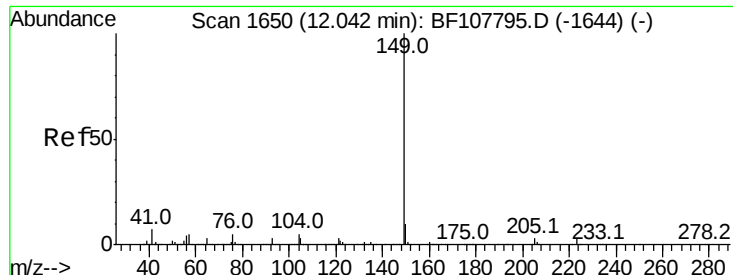
Sohil  
 8/1/2018 3:57:33 PM



#72  
 Carbazole  
 Concen: 34.066 ng  
 RT: 11.74 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.6  | 26.4  |
| 139     | 13.2  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 38.074 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

ClientSampleId :

FK-GF-01-010-AMSD

Tot Ion:149 Resp: 1013633

Ion Ratio Lower Upper

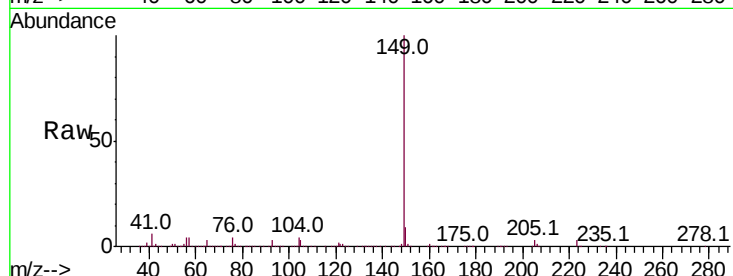
149 100

150 9.4 7.8 11.6

104 4.4 3.8 5.8

Manual Integrations  
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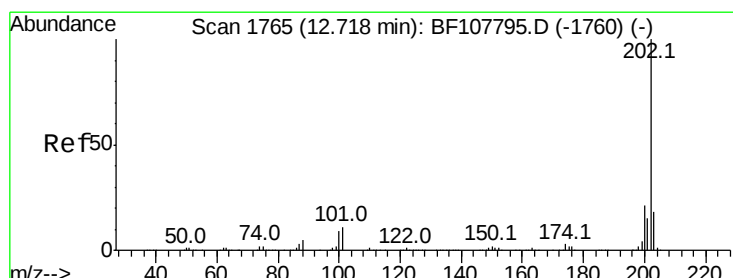
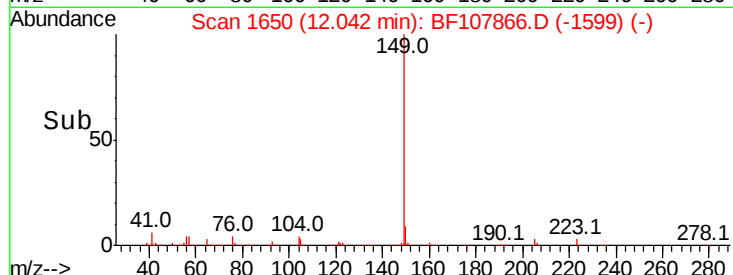
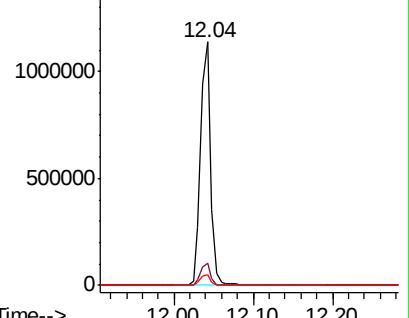
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.557 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

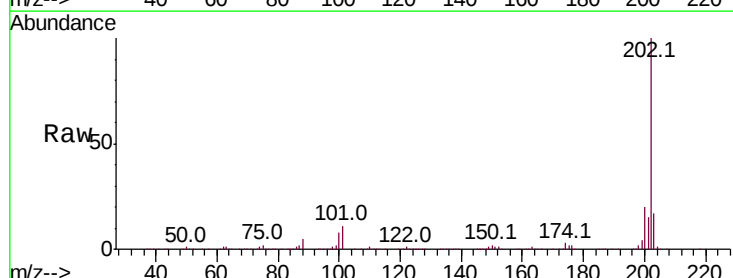
Tgt Ion:202 Resp: 944623

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

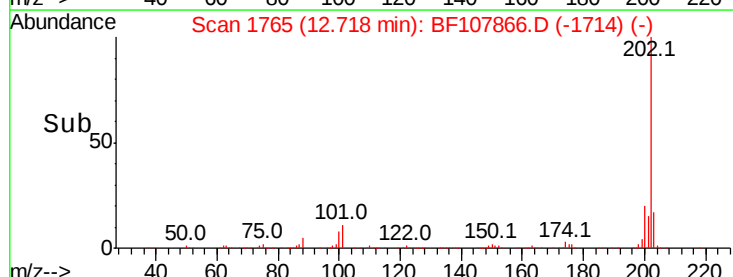
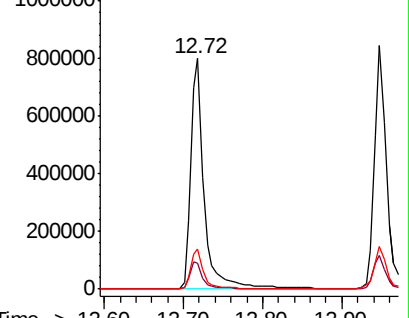
203 17.2 0.0 38.1

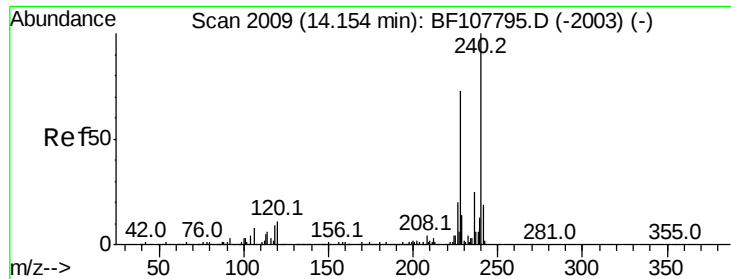


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

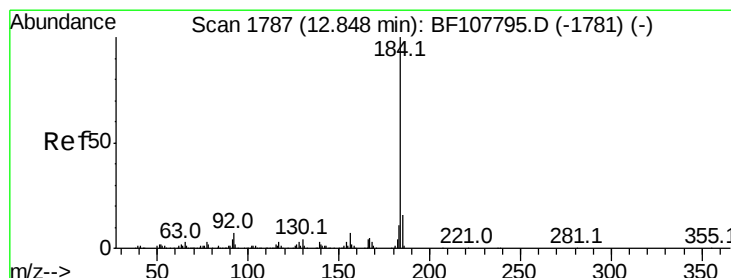
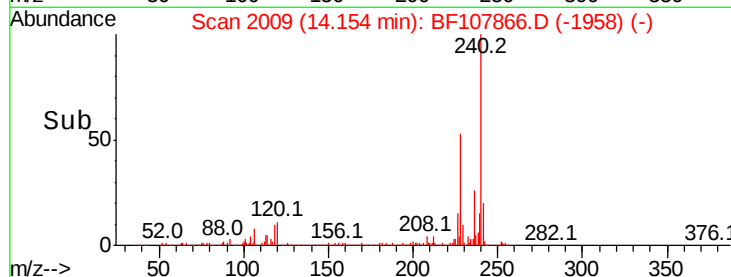
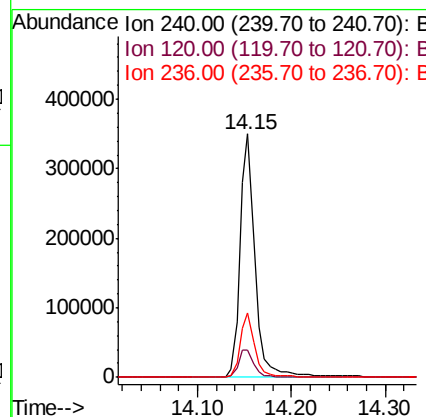
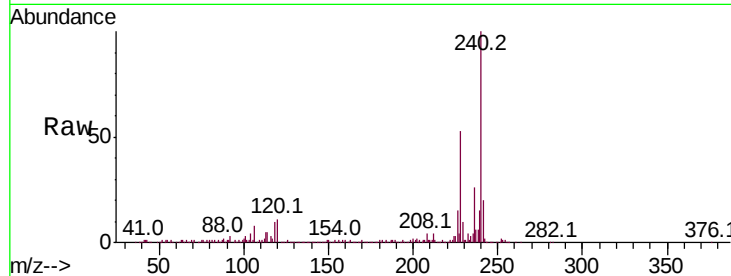
ClientSampleId :

FK-GF-01-010-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 387679 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.2  | 9.5   | 14.3   |
| 236       | 26.4  | 20.7  | 31.1   |

Manual Integrations  
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#76

Benzidine

Concen: 44.532 ng

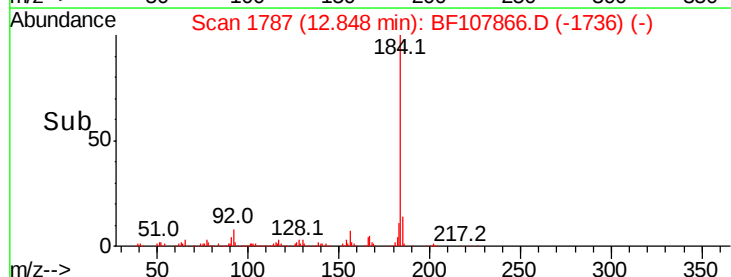
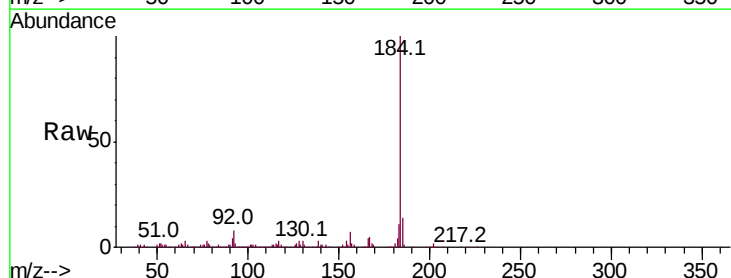
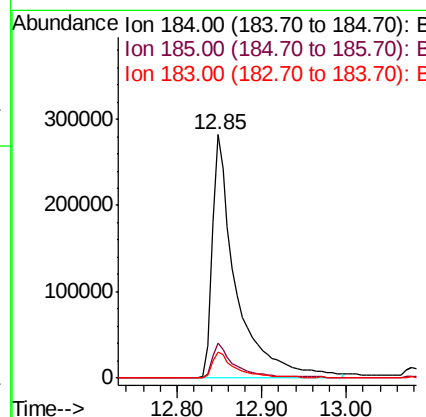
RT: 12.85 min Scan# 1787

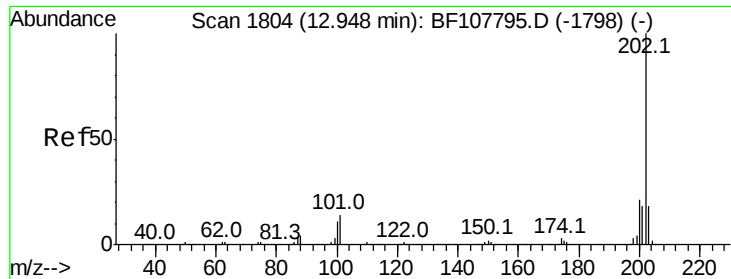
Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 558188 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.3  | 12.6  | 18.8   |
| 183       | 10.8  | 9.3   | 13.9   |





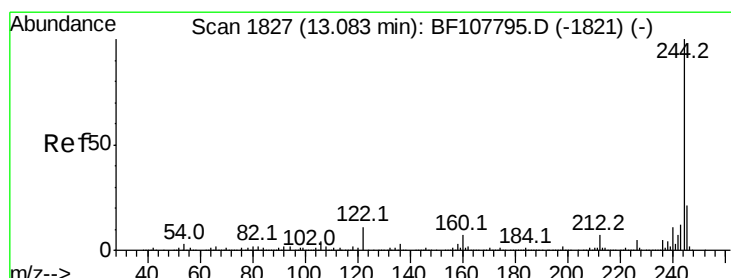
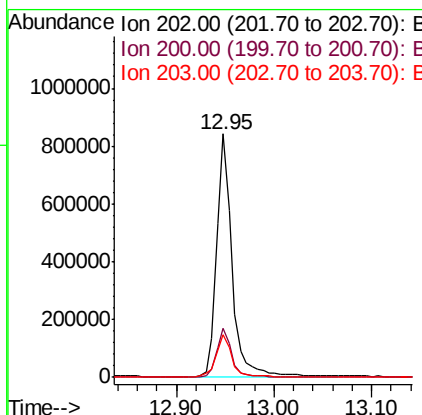
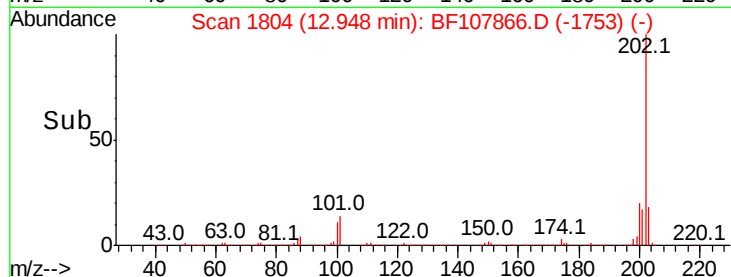
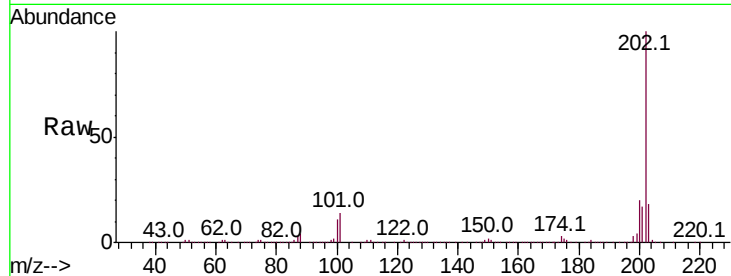
#77  
Pvrene  
Concen: 33.298 ng  
RT: 12.95 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.3  | 17.4  | 26.2  |
| 203     | 17.6  | 14.3  | 21.5  |

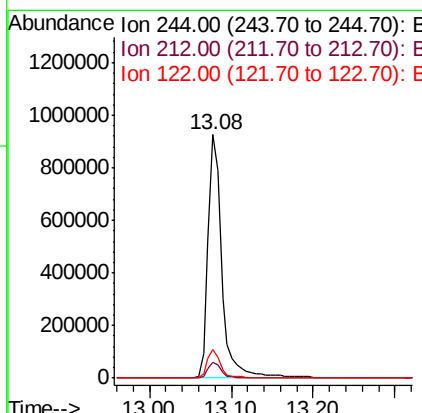
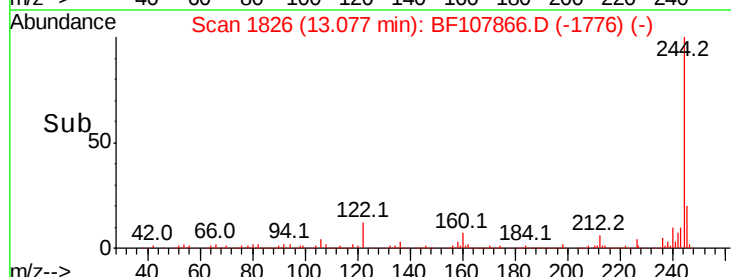
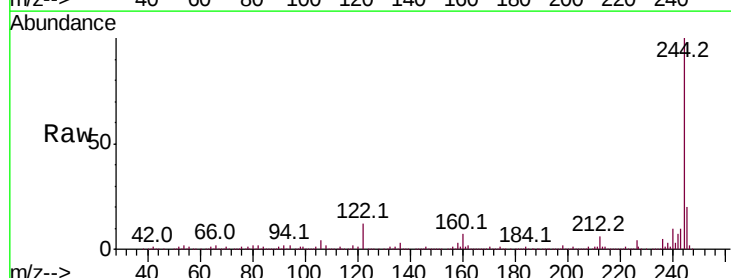
Manual Integrations  
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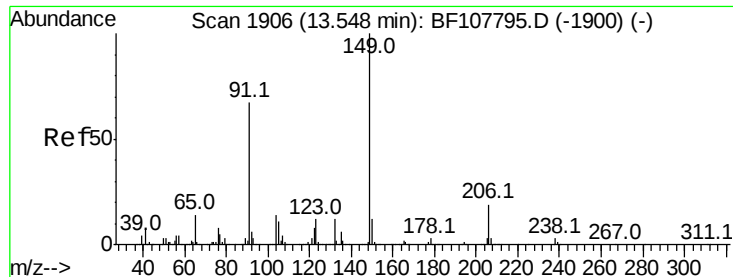
Sohil  
8/1/2018 3:57:33 PM



#78  
Terphenyl-d14  
Concen: 61.363 ng  
RT: 13.08 min Scan# 1826  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.4   | 5.4   | 8.0   |
| 122     | 11.7  | 11.0  | 16.4  |





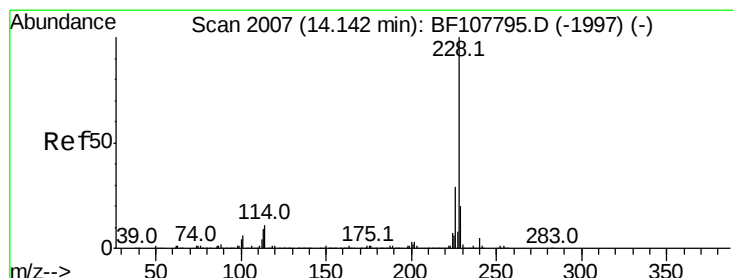
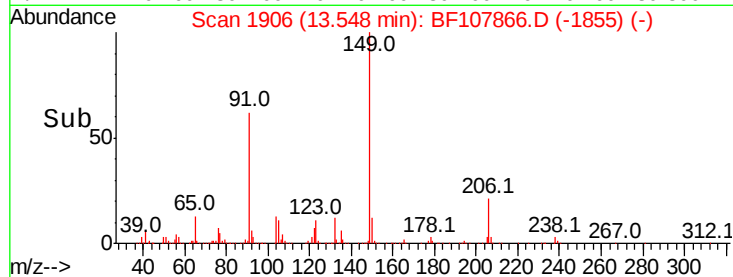
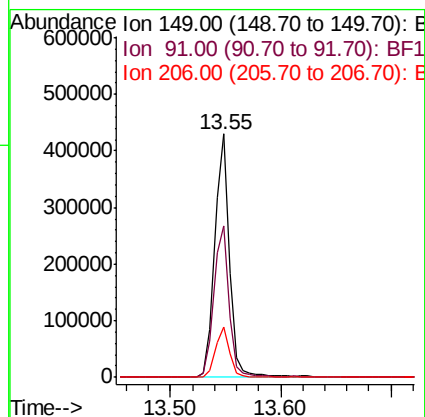
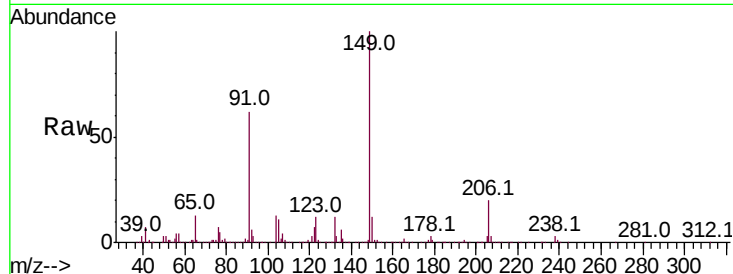
#79  
 Butylbenzylphthalate  
 Concen: 31.893 ng  
 RT: 13.55 min Scan# 1906  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 389882 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 62.1  | 56.8  | 85.2   |
| 206       | 20.5  | 14.1  | 21.1   |

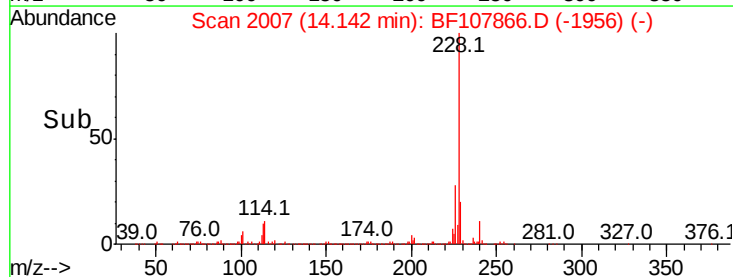
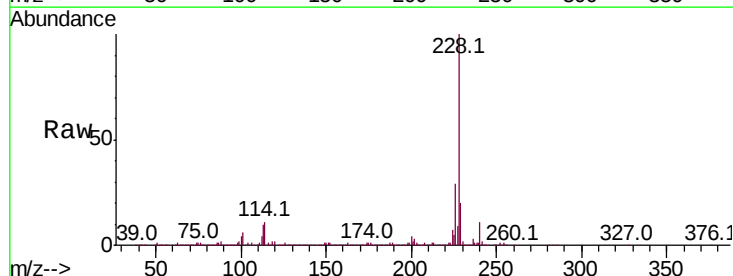
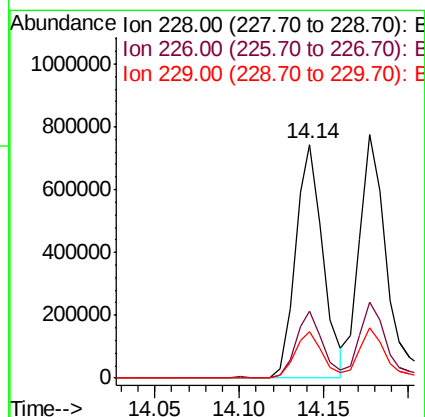
Manual Integrations  
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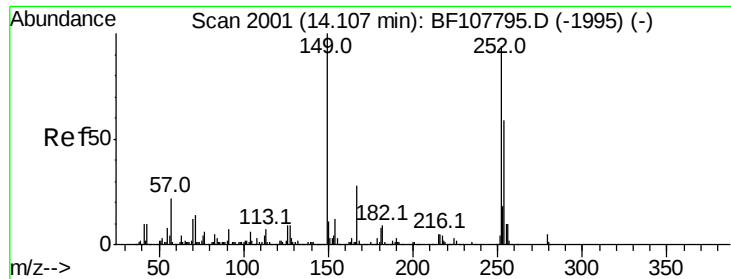
Sohil  
 8/1/2018 3:57:33 PM



#80  
 Benzo(a)anthracene  
 Concen: 38.007 ng  
 RT: 14.14 min Scan# 2007  
 Delta R.T. 0.00 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 834652 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.5  | 22.6  | 33.8   |
| 229       | 19.9  | 15.8  | 23.6   |





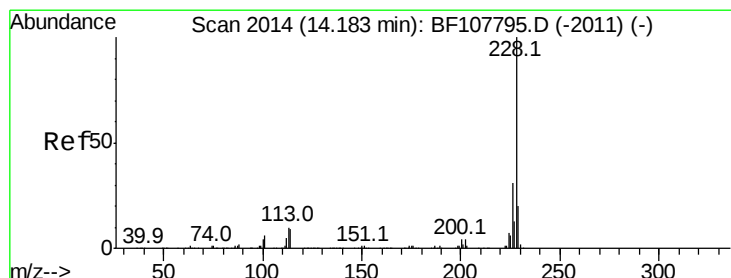
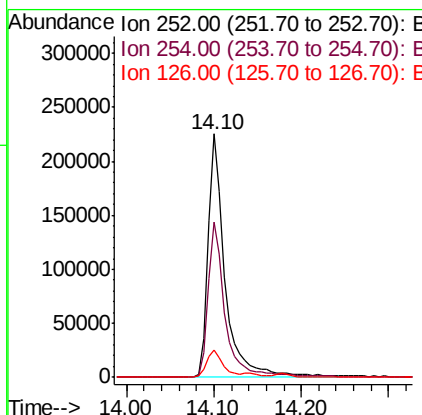
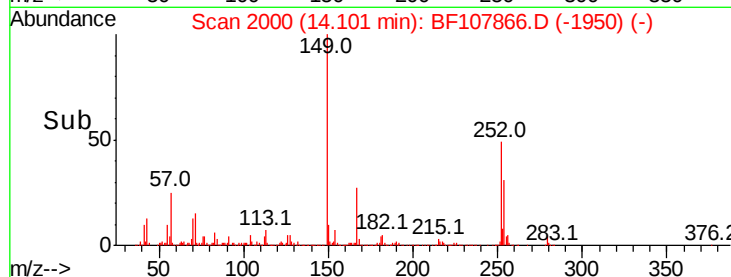
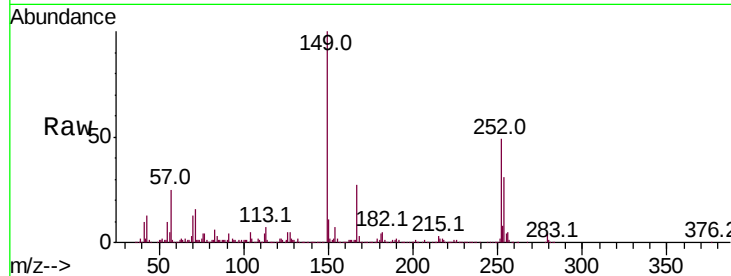
#81  
3,3'-Dichlorobenzidine  
Concen: 35.970 ng  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.8  | 50.4  | 75.6  |
| 126     | 11.2  | 11.3  | 16.9  |

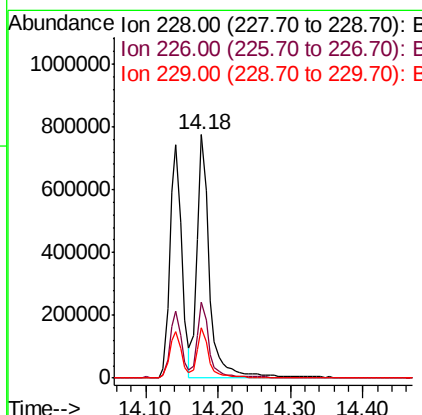
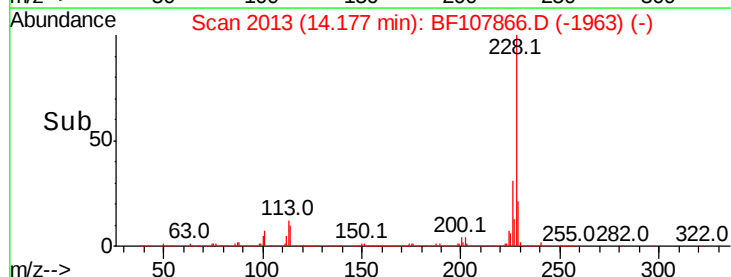
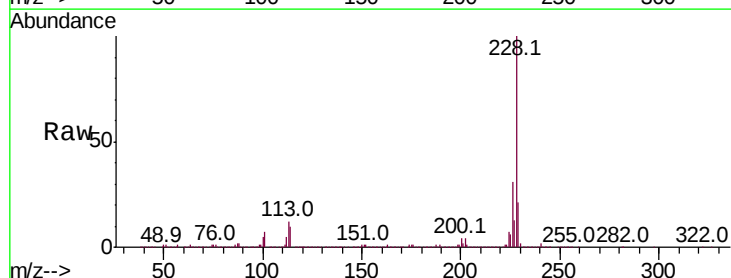
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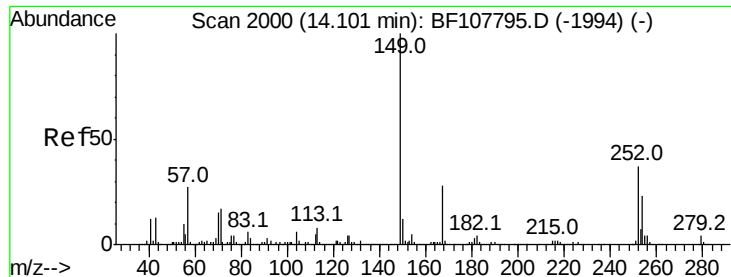
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#82  
Chrysene  
Concen: 39.209 ng  
RT: 14.18 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.4  | 25.0  | 37.6  |
| 229     | 20.8  | 16.2  | 24.4  |





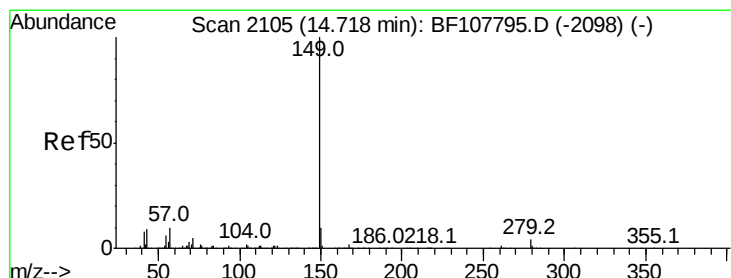
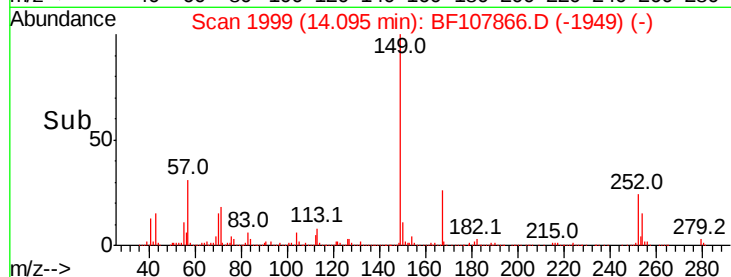
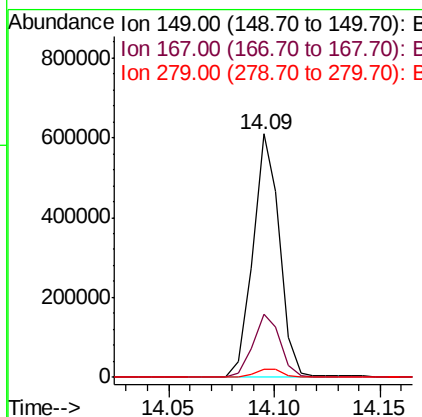
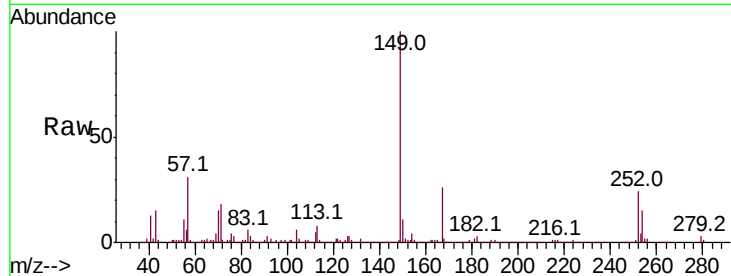
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 34.526 ng  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.0  | 21.3  | 31.9  |
| 279     | 3.3   | 3.0   | 4.4   |

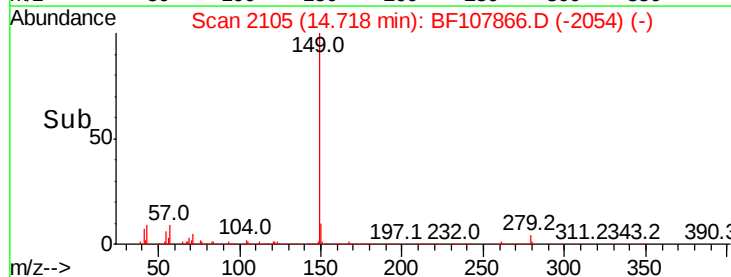
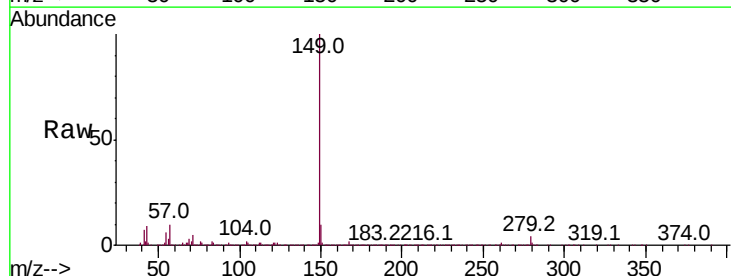
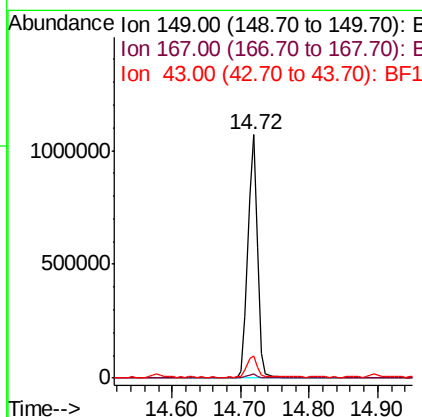
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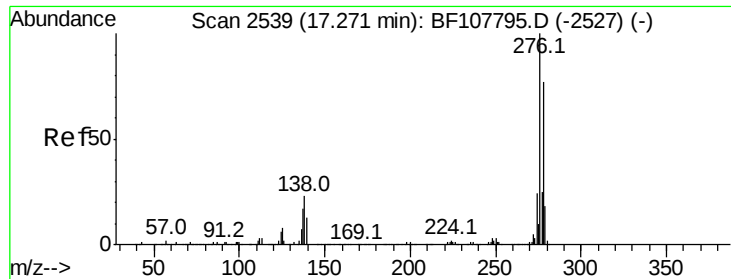
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#84  
Di-n-octyl phthalate  
Concen: 41.883 ng  
RT: 14.72 min Scan# 2105  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 9.2   | 8.4   | 12.6  |





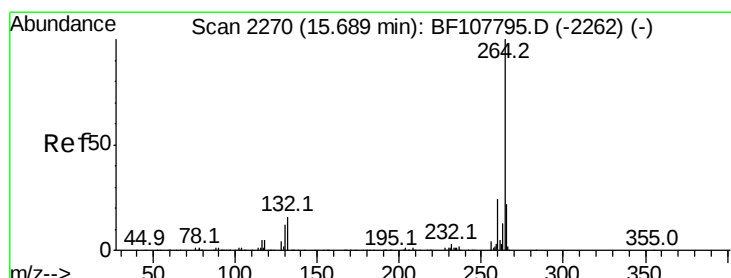
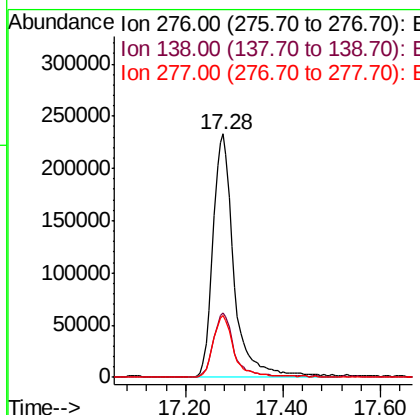
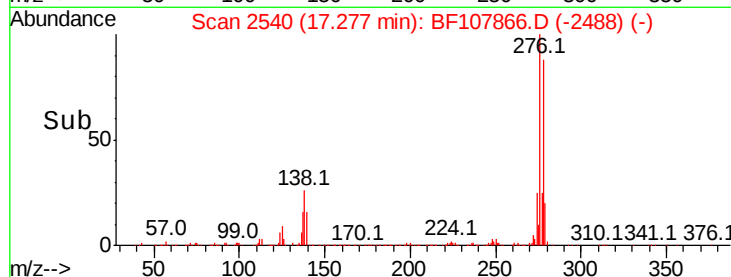
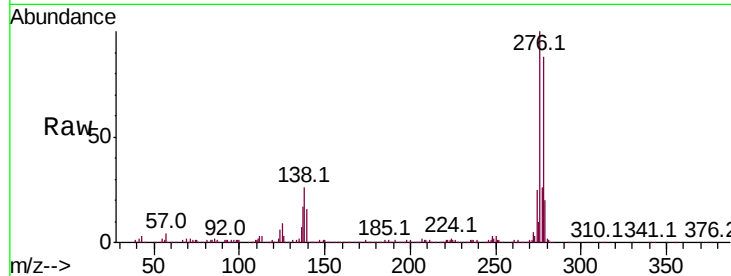
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 38.999 ng  
RT: 17.28 min Scan# 2540  
Delta R.T. 0.01 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.2  | 25.0  | 37.6  |
| 277     | 23.9  | 20.1  | 30.1  |

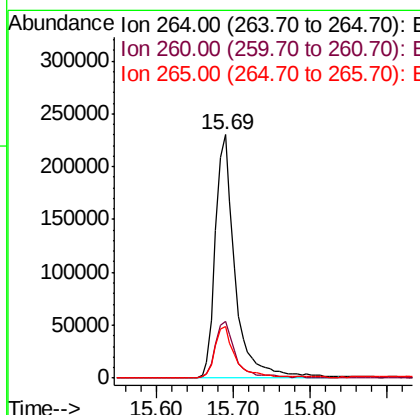
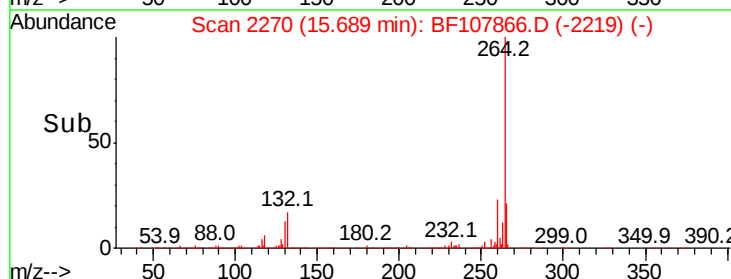
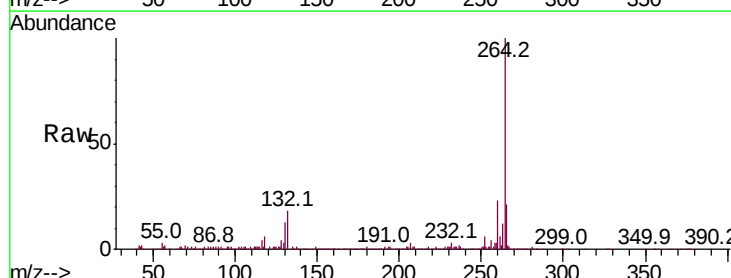
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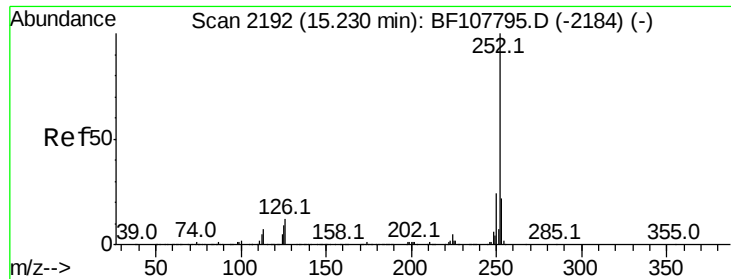
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.69 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.2  | 28.8  |
| 265     | 21.4  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 39.585 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

Instrument :

BNA\_F

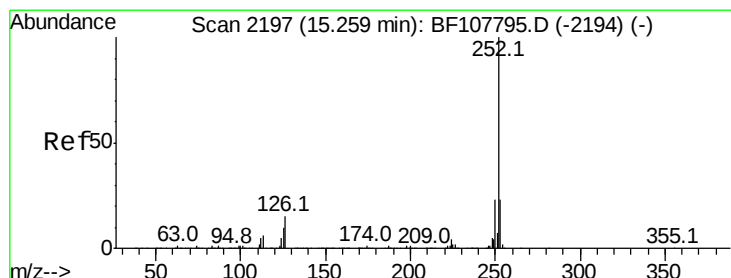
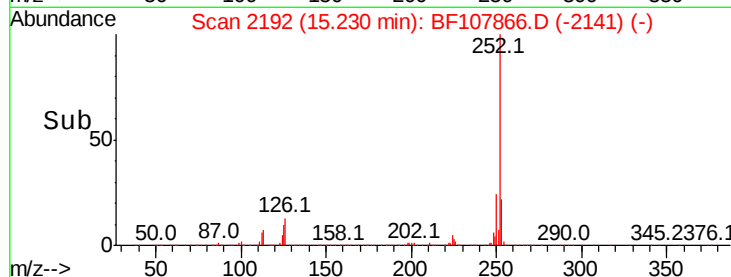
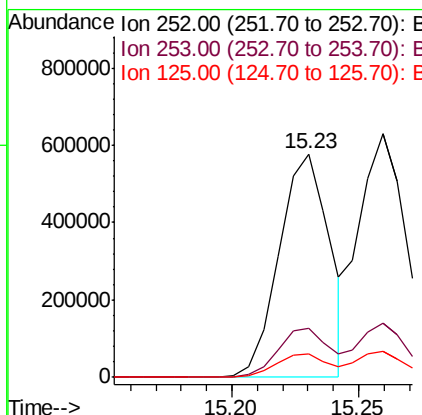
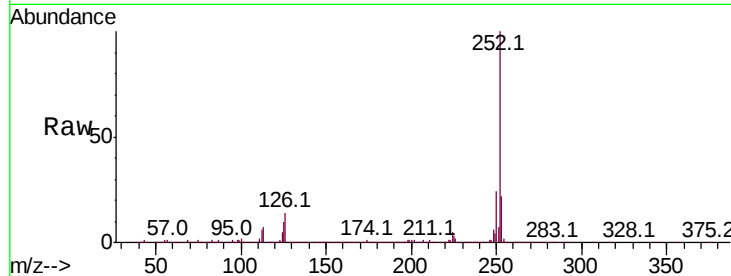
ClientSampleId :

FK-GF-01-010-AMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 795475 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.0  | 25.6   |
| 125       | 10.5  | 9.0   | 13.6   |

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#88

Benzo(k)fluoranthene

Concen: 35.618 ng

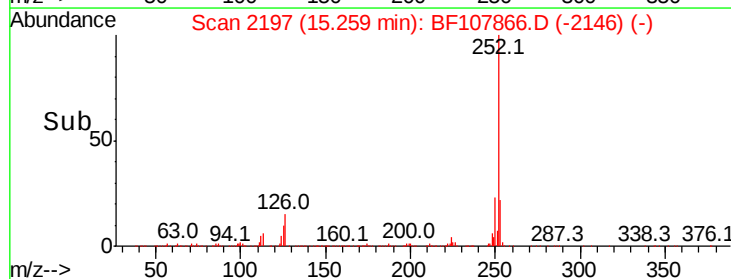
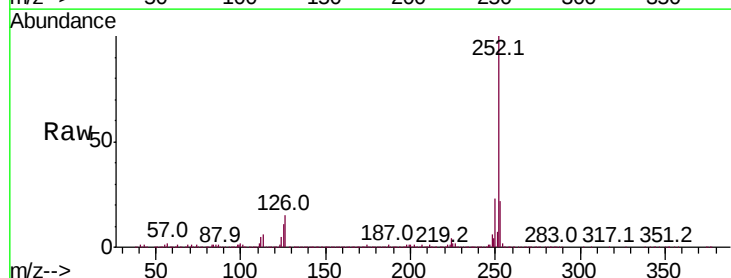
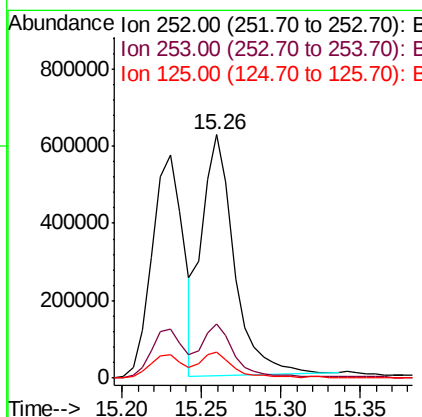
RT: 15.26 min Scan# 2197

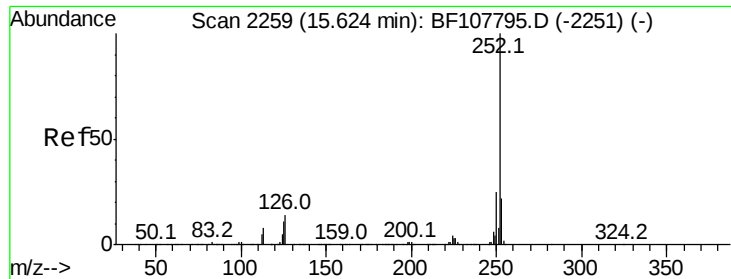
Delta R.T. 0.00 min

Lab File: BF107866.D

Acq: 31 Jul 2018 22:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 878761 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.9  | 26.9   |
| 125       | 10.6  | 10.2  | 15.2   |





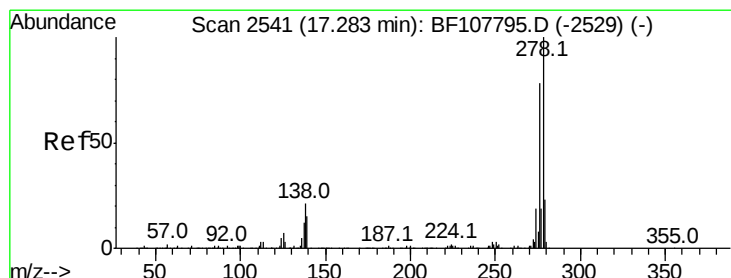
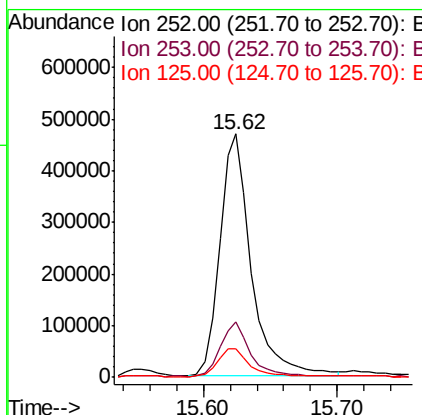
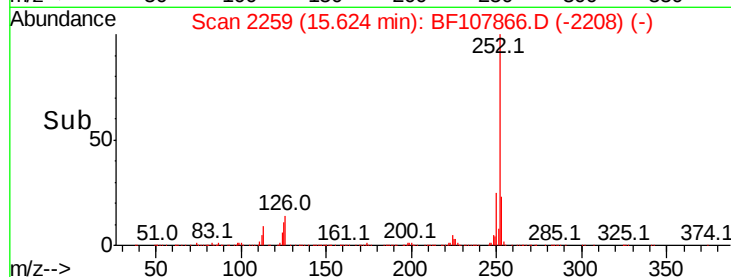
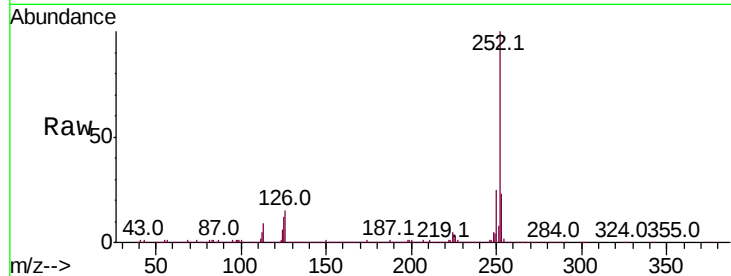
#89  
Benzo(a)pyrene  
Concen: 37.201 ng  
RT: 15.62 min Scan# 2259  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.1  | 25.7  |
| 125     | 11.7  | 9.8   | 14.6  |

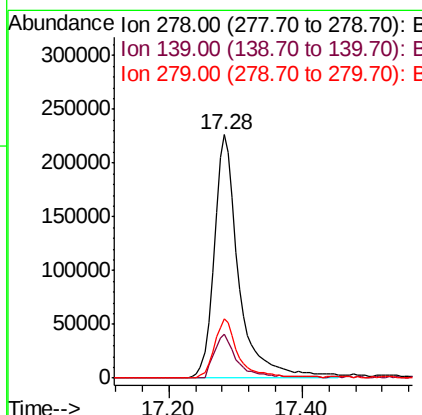
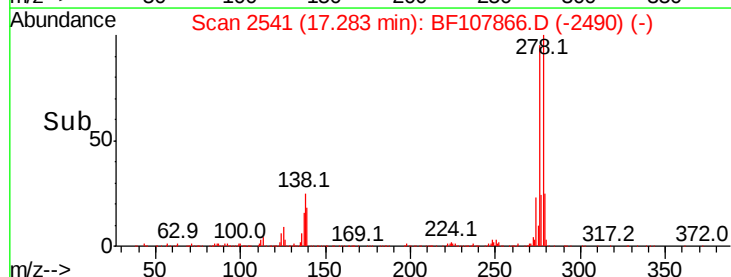
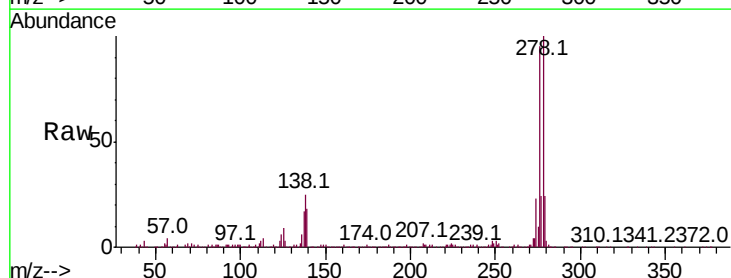
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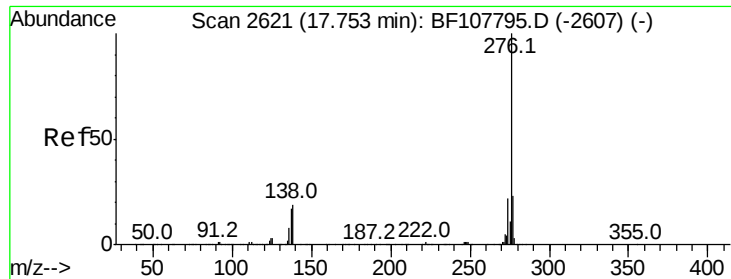
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#90  
Dibenzo(a,h)anthracene  
Concen: 32.018 ng  
RT: 17.28 min Scan# 2541  
Delta R.T. 0.00 min  
Lab File: BF107866.D  
Acq: 31 Jul 2018 22:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.9  | 15.9  | 23.9  |
| 279     | 24.5  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 30.871 ng  
 RT: 17.75 min Scan# 2620  
 Delta R.T. -0.01 min  
 Lab File: BF107866.D  
 Acq: 31 Jul 2018 22:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-010-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.5  | 17.9  | 26.9  |
| 138     | 22.3  | 21.8  | 32.8  |

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