

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\  
 Data File : BF107767.D  
 Acq On : 28 Jul 2018 00:52  
 Operator : JU/SJ  
 Sample : J4184-06MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

Manual Integrations  
 APPROVED

Sohil  
 7/30/2018 2:03:25 PM

Quant Time: Jul 28 04:10:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 196958   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.25  | 136  | 730245   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.01 | 164  | 286857   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.50 | 188  | 483419   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.15 | 240  | 456151   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.68 | 264  | 381293   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.60  | 112 | 627073  | 51.19  | ng | -0.01 |
| 7) Phenol-d6                | 6.60  | 99  | 467206  | 31.76  | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.54  | 82  | 1119451 | 103.46 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330 | 412807  | 126.55 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 9.32  | 172 | 1931931 | 135.40 | ng | -0.02 |
| 78) Terphenyl-d14           | 13.08 | 244 | 1655131 | 92.89  | ng | -0.02 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.85 | 88  | 67405   | 11.822 | ng | # 85 |
| 3) Pyridine                    | 3.67 | 79  | 117649  | 7.585  | ng | # 84 |
| 4) n-Nitrosodimethylamine      | 3.63 | 42  | 23588   | 3.606  | ng | # 86 |
| 6) Aniline                     | 6.64 | 93  | 216262  | 11.399 | ng | # 74 |
| 8) 2-Chlorophenol              | 6.75 | 128 | 427957  | 32.608 | ng | # 96 |
| 9) Benzaldehyde                | 6.52 | 77  | 305274m | 32.693 | ng |      |
| 10) Phenol                     | 6.61 | 94  | 182720  | 10.562 | ng | 90   |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 425517  | 29.669 | ng | 94   |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 570034  | 38.308 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 618646  | 40.564 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 7.14 | 146 | 525336  | 38.383 | ng | 98   |
| 15) Benzyl Alcohol             | 7.11 | 79  | 216517  | 21.598 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 810258  | 33.488 | ng | 79   |
| 17) 2-Methylphenol             | 7.22 | 107 | 258529  | 23.176 | ng | # 65 |
| 18) Hexachloroethane           | 7.47 | 117 | 206766  | 38.653 | ng | 94   |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 357484  | 37.621 | ng | 96   |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 268090  | 20.240 | ng | # 15 |
| 22) Acetophenone               | 7.37 | 105 | 746026  | 43.500 | ng | # 95 |
| 24) Nitrobenzene               | 7.55 | 77  | 505953  | 40.824 | ng | 95   |
| 25) Isophorone                 | 7.78 | 82  | 1012793 | 43.837 | ng | 97   |
| 26) 2-Nitrophenol              | 7.87 | 139 | 267773  | 51.164 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 379638  | 38.322 | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 615218  | 39.846 | ng | 98   |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 399552  | 39.459 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 477420  | 41.979 | ng | 99   |
| 31) Naphthalene                | 8.27 | 128 | 2489332 | 77.520 | ng | 97   |
| 32) Benzoic acid               | 8.00 | 122 | 75309   | 16.997 | ng | # 79 |
| 33) 4-Chloroaniline            | 8.33 | 127 | 170255  | 12.130 | ng | 95   |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 284478  | 42.096 | ng | 98   |
| 35) Caprolactam                | 8.70 | 113 | 14145   | 4.295  | ng | # 77 |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 375003  | 33.340 | ng | 96   |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 978229  | 43.961 | ng | 96   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 462008  | 48.288 | ng | # 97 |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 72402   | 14.886 | ng | 97   |

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 MW-7BSMSD

Manual Integrations  
 APPROVED

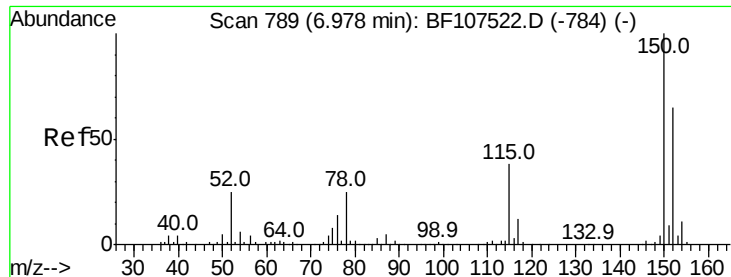
Sohil  
 7/30/2018 2:03:25 PM

Quant Time: Jul 28 04:10:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 253704   | 41.426 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 291375   | 45.522 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 1309781  | 52.415 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 868183   | 45.453 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.56  | 65   | 269444   | 48.388 | nq    | 95       |
| 48) Acenaphthylene             | 9.87  | 152  | 1461295  | 50.929 | nq    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 1029250  | 47.608 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 200297   | 46.664 | nq    | # 89     |
| 51) Acenaphthene               | 10.04 | 154  | 1018397  | 56.648 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.98  | 138  | 95689    | 18.325 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 10.08 | 184  | 40423    | 31.798 | nq    | # 65     |
| 54) Dibenzofuran               | 10.21 | 168  | 1125859  | 42.539 | nq    | 100      |
| 55) 4-Nitrophenol              | 10.16 | 139  | 40803    | 10.437 | nq    | 85       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 219831   | 42.428 | nq    | # 91     |
| 57) Fluorene                   | 10.55 | 166  | 961129   | 50.903 | nq    | 94       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 220249   | 41.346 | nq    | # 84     |
| 59) Diethylphthalate           | 10.41 | 149  | 968243   | 42.882 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 442655   | 41.469 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.60 | 138  | 156819   | 35.744 | nq    | 90       |
| 62) Azobenzene                 | 10.70 | 77   | 811474   | 38.327 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 34059    | 20.636 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.67 | 169  | 749237   | 45.635 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 262465   | 46.122 | nq    | # 86     |
| 67) Hexachlorobenzene          | 11.10 | 284  | 261835   | 41.817 | nq    | # 90     |
| 68) Atrazine                   | 11.19 | 200  | 212308   | 42.353 | nq    | 95       |
| 69) Pentachlorophenol          | 11.30 | 266  | 246099   | 62.925 | nq    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 1370728  | 58.187 | nq    | 100      |
| 71) Anthracene                 | 11.58 | 178  | 1225029  | 51.649 | nq    | 100      |
| 72) Carbazole                  | 11.74 | 167  | 1084548  | 43.972 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 1283854  | 53.520 | nq    | 100      |
| 74) Fluoranthene               | 12.72 | 202  | 1269708  | 50.229 | nq    | 96       |
| 76) Benzidine                  | 12.85 | 184  | 584251   | 44.476 | nq    | 97       |
| 77) Pyrene                     | 12.95 | 202  | 1315632  | 42.166 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 566956   | 42.253 | nq    | 94       |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 1159783  | 43.387 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 374898   | 48.342 | nq    | # 98     |
| 82) Chrysene                   | 14.18 | 228  | 1236824  | 48.167 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 735432   | 38.844 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.72 | 149  | 1391027  | 47.267 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.27 | 276  | 815793   | 37.485 | nq    | # 93     |
| 87) Benzo(b)fluoranthene       | 15.22 | 252  | 967776   | 46.377 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 1068020m | 52.240 | nq    |          |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 897356   | 47.011 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 692567   | 41.972 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 17.74 | 276  | 661157   | 40.622 | nq    | 93       |

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





#1

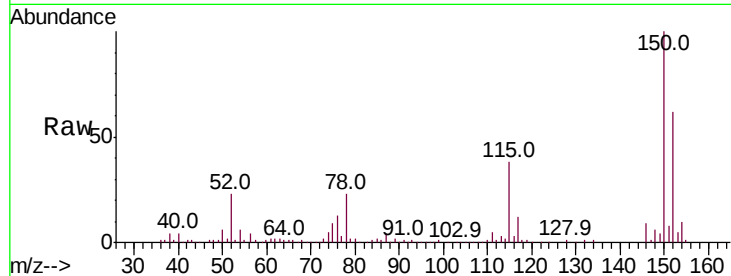
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 787  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.0 | 124.6 | 186.8 |
| 115     | 60.2  | 50.1  | 75.1  |

Manual Integrations  
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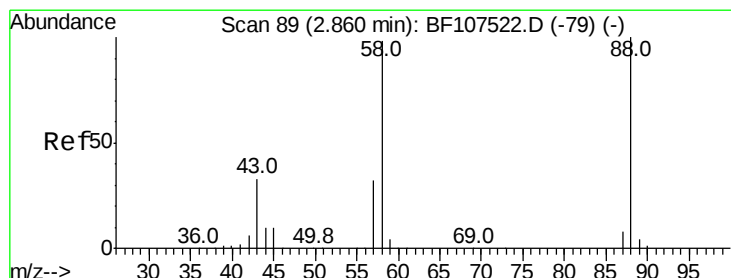
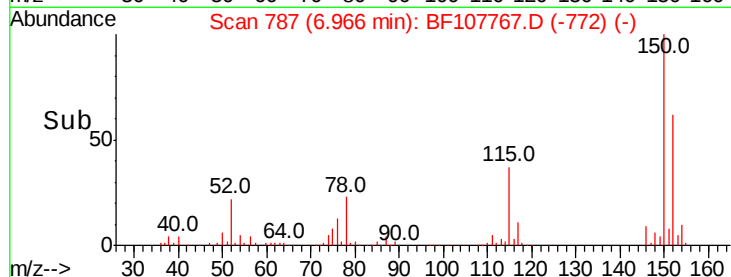
Abundance

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

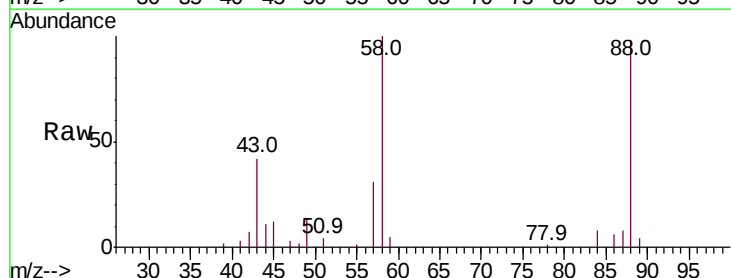
Time-->



#2

1,4-Dioxane  
Concen: 11.822 ng  
RT: 2.85 min Scan# 87  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 95.1  | 62.6  | 93.8# |
| 43      | 29.4  | 24.6  | 37.0  |



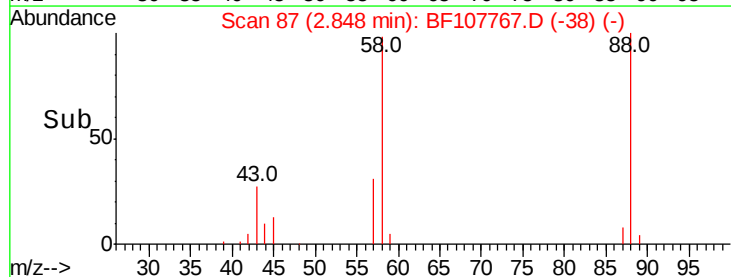
Abundance

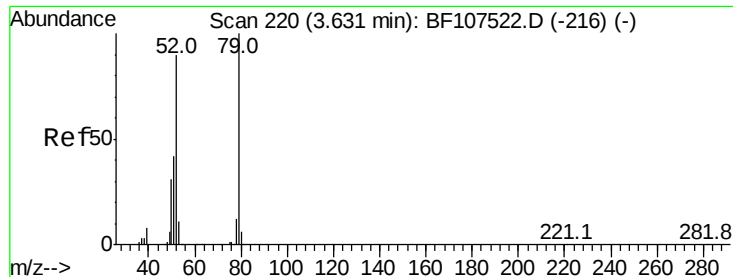
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 7.585 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.04 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

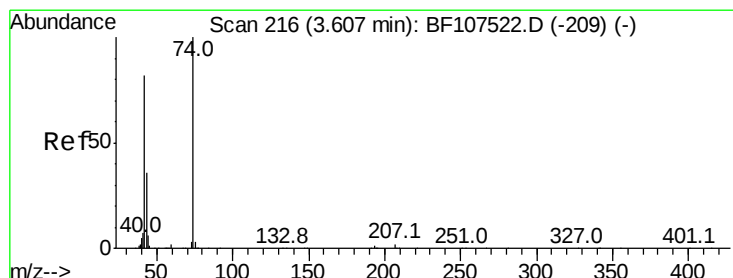
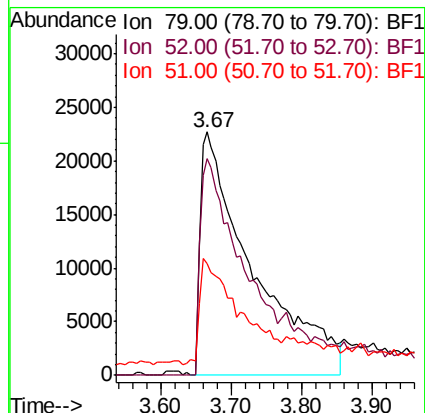
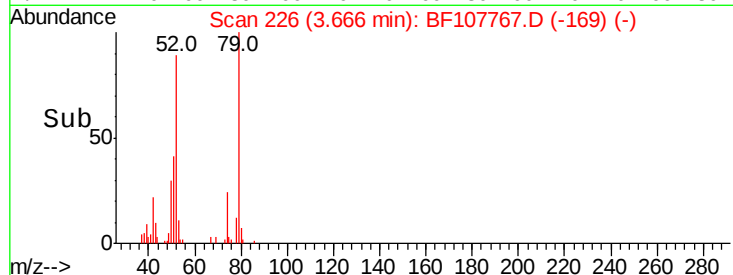
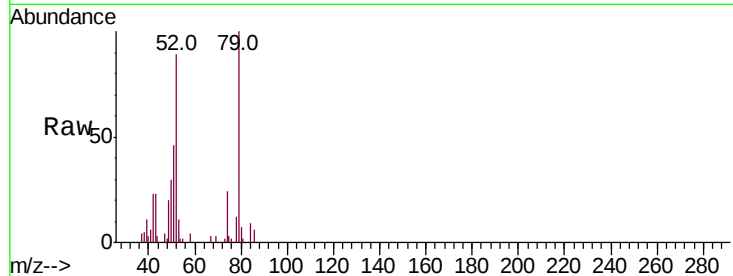
ClientSampleId :

MW-7BSMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 117649 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 89.0  | 59.8  | 89.6   |
| 51        | 45.9  | 29.8  | 44.8#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 3.606 ng

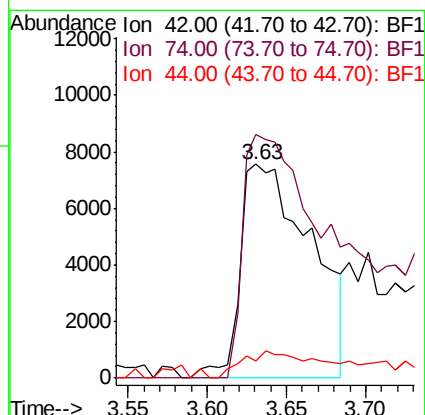
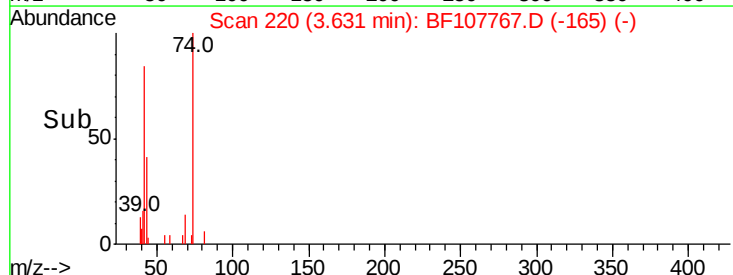
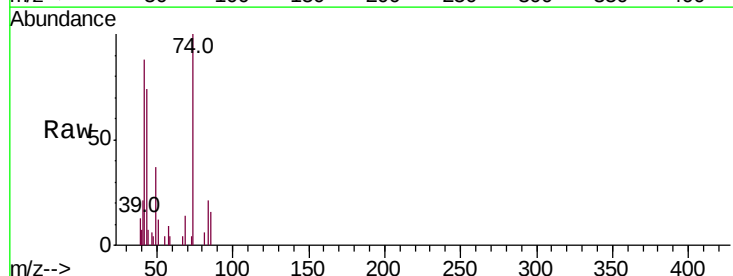
RT: 3.63 min Scan# 220

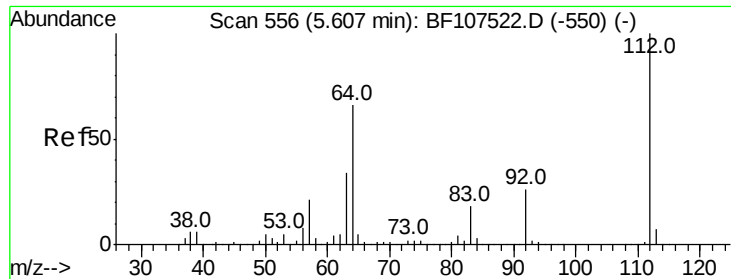
Delta R.T. 0.02 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 23588 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 113.8 | 104.9 | 157.3 |
| 44        | 8.0   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 51.189 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

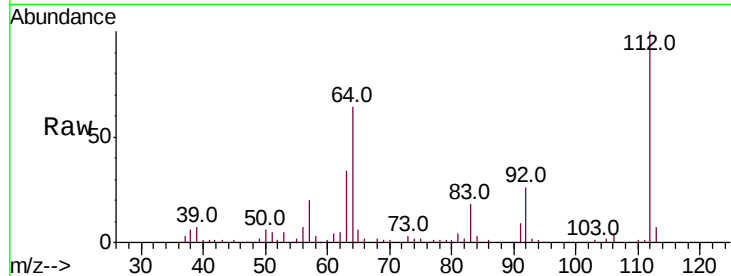
ClientSampleId :

MW-7BSMSD

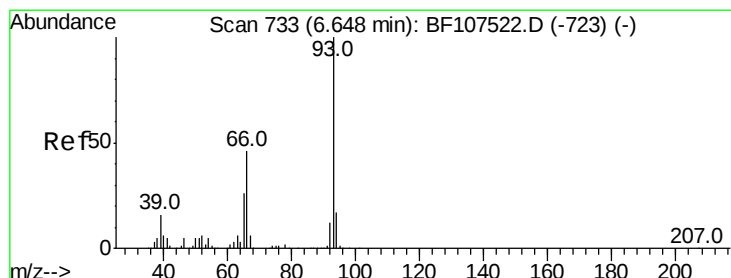
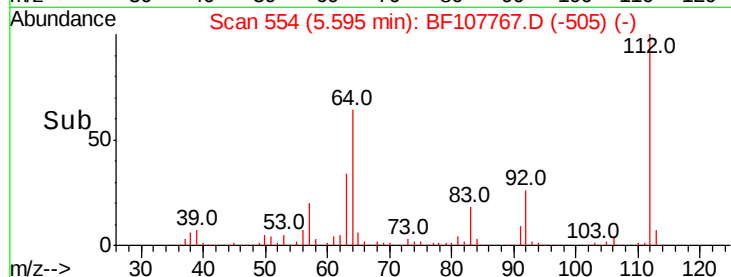
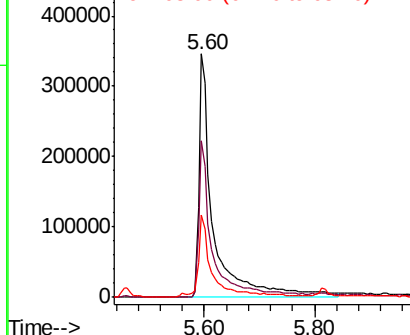
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 627073 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.2  | 47.9  | 71.9   |
| 63        | 33.8  | 23.7  | 35.5   |

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



#6

Aniline

Concen: 11.399 ng

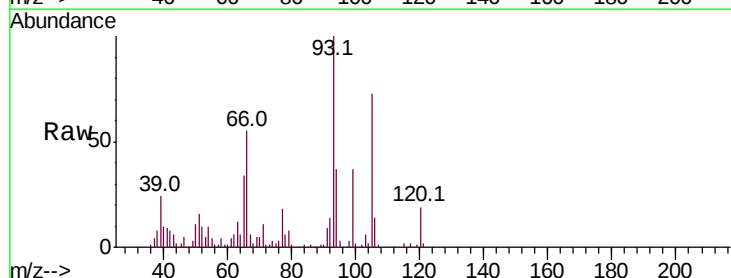
RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

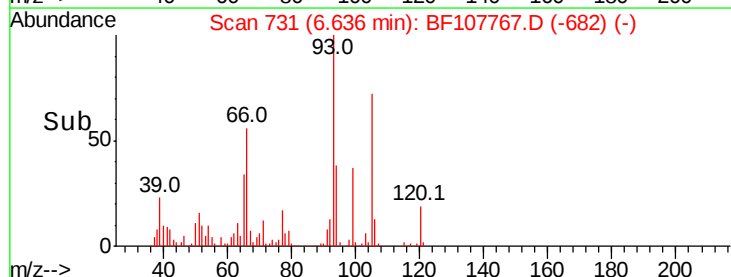
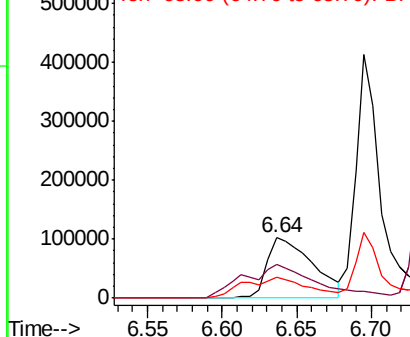
Lab File: BF107767.D

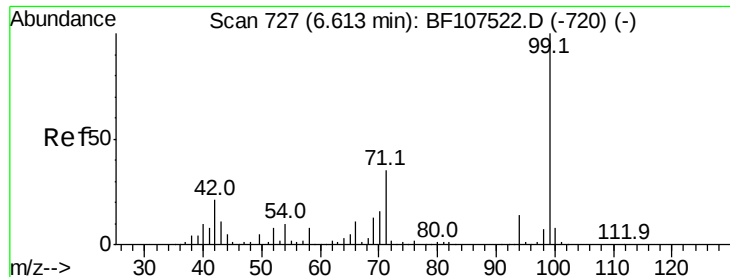
Acq: 28 Jul 2018 00:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 216262 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 55.5  | 32.2  | 48.2#  |
| 65        | 33.8  | 16.4  | 24.6#  |



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





#7

Phenol-d6

Concen: 31.763 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

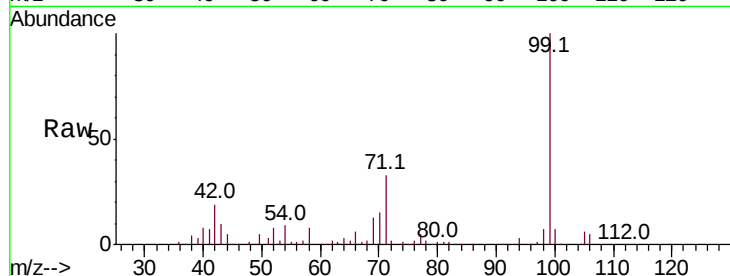
ClientSampleId :

MW-7BSMSD

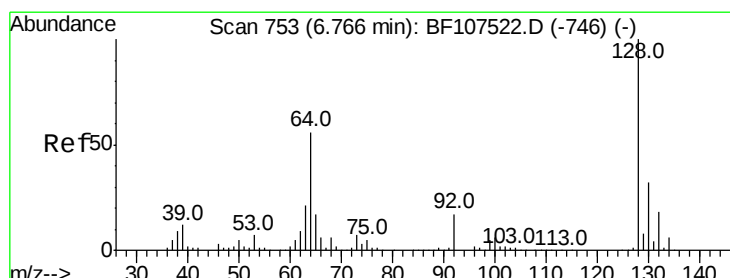
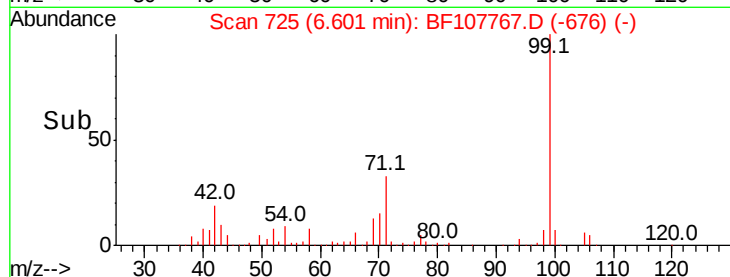
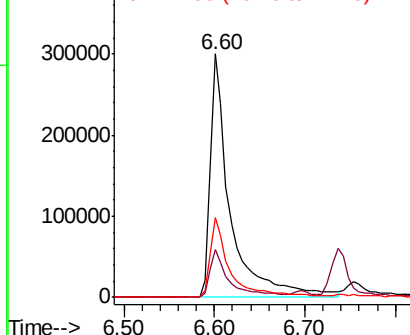
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 467206 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.4  | 14.5  | 21.7   |
| 71        | 32.9  | 25.4  | 38.0   |

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



#8

2-Chlorophenol

Concen: 32.608 ng

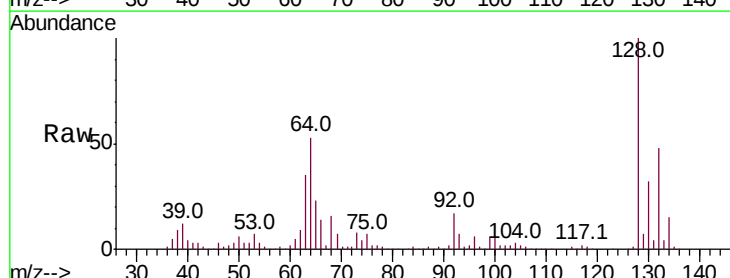
RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

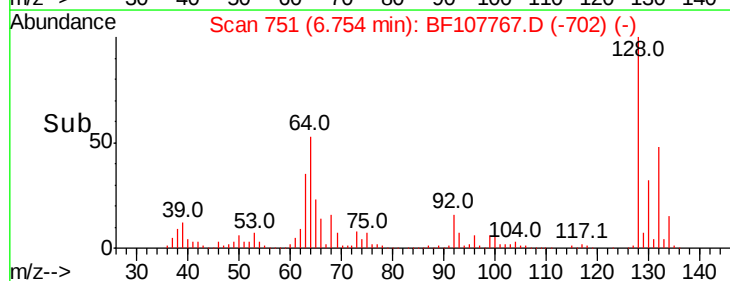
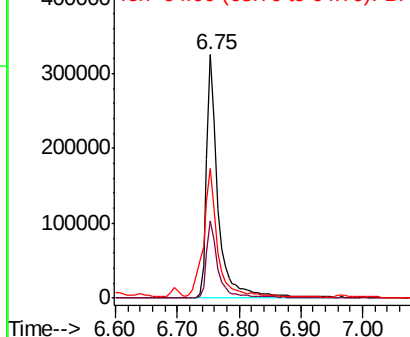
Lab File: BF107767.D

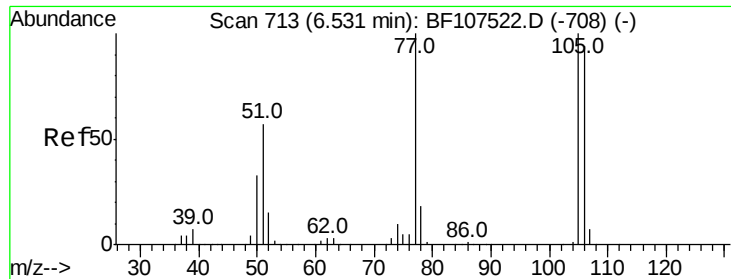
Acq: 28 Jul 2018 00:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 427957 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.9  | 13.0  | 53.0   |
| 64        | 53.4  | 29.4  | 69.4   |



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





#9

Benzaldehyde

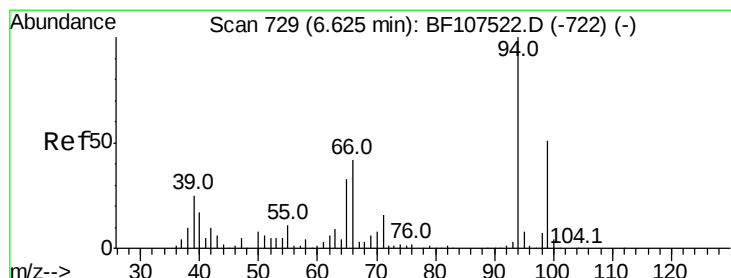
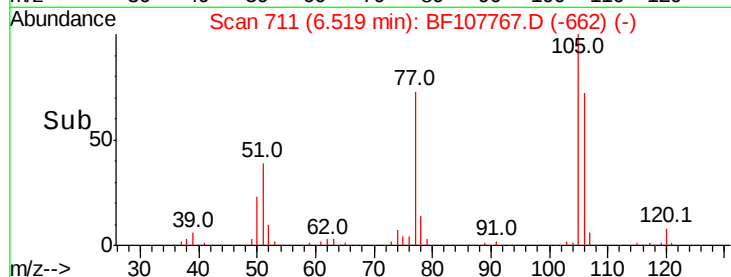
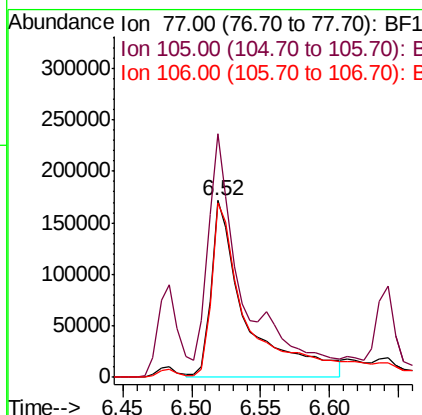
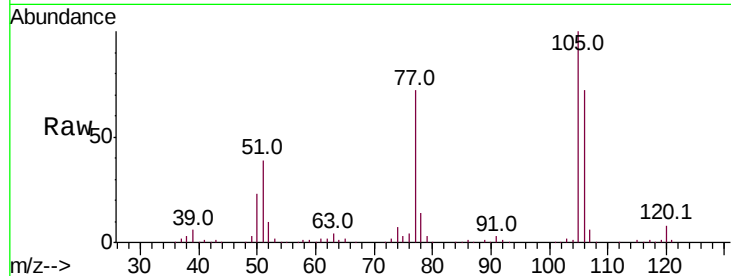
Concen: 32.693 ng/ml  
 RT: 6.52 min Scan# 711  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 138.0 | 81.1  | 121.1# |
| 106     | 98.7  | 74.5  | 114.5  |

Manual Integrations  
 APPROVED

Sohil  
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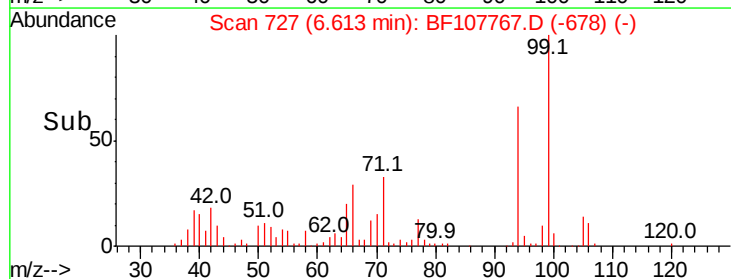
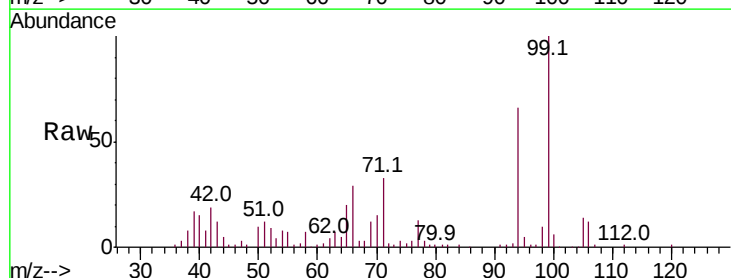
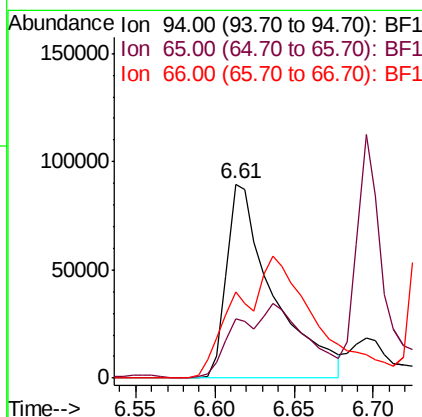


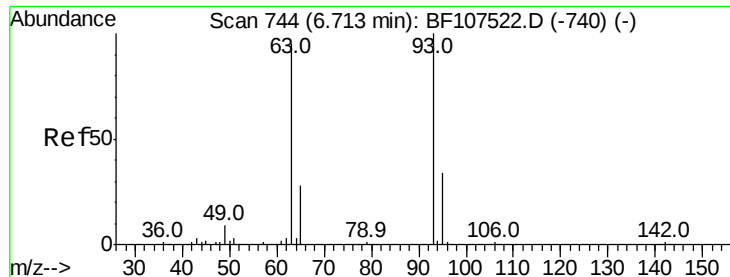
#10

Phenol

Concen: 10.562 ng/ml  
 RT: 6.61 min Scan# 727  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.5  | 7.9   | 47.9  |
| 66      | 44.1  | 16.2  | 56.2  |





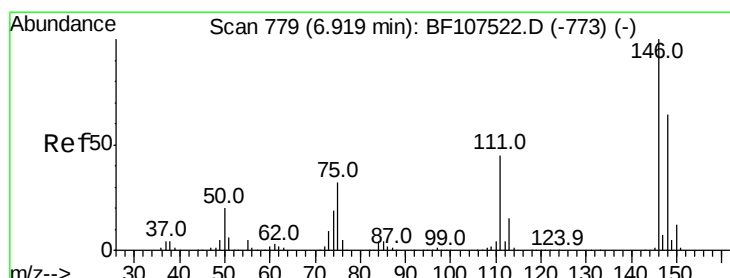
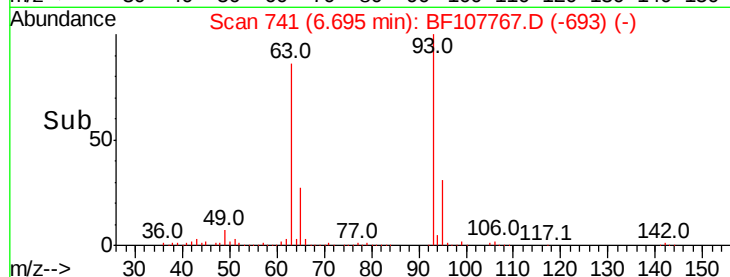
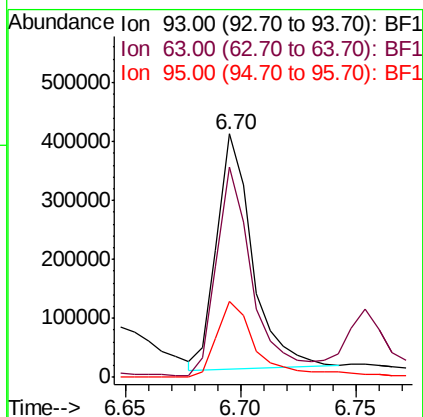
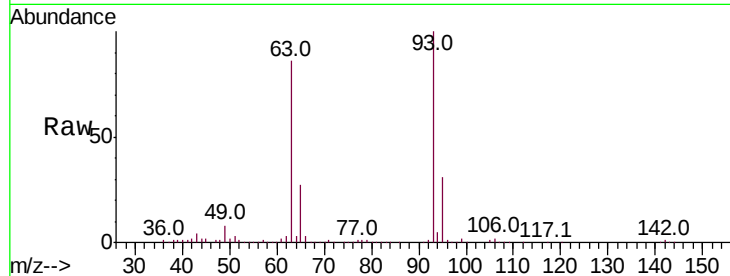
#11  
bis(2-Chloroethyl)ether  
Concen: 29.669 ng  
RT: 6.70 min Scan# 741  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.2  | 58.6  | 98.6  |
| 95      | 31.4  | 11.8  | 51.8  |

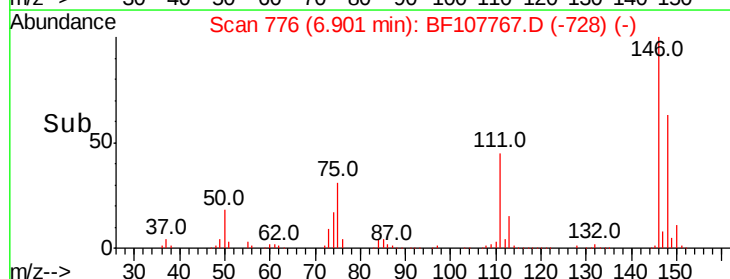
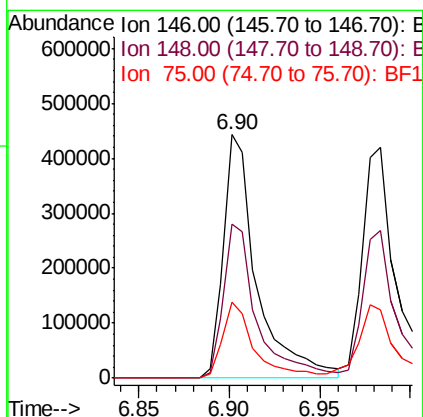
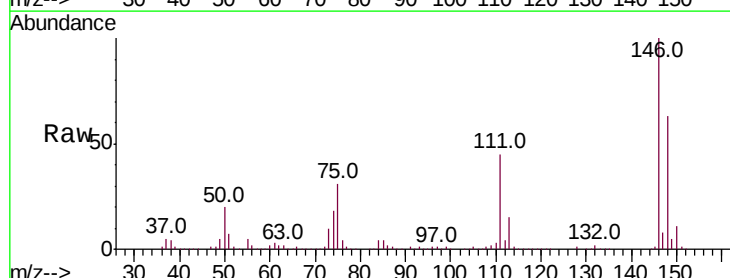
Manual Integrations  
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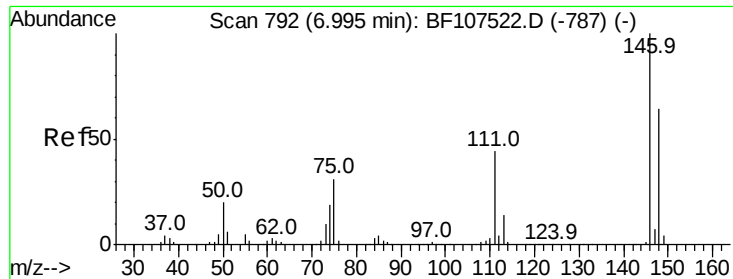
Sohil  
7/30/2018 2:03:25 PM



#12  
1,3-Dichlorobenzene  
Concen: 38.308 ng  
RT: 6.90 min Scan# 776  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.8  | 77.8  |
| 75      | 31.2  | 24.2  | 36.4  |





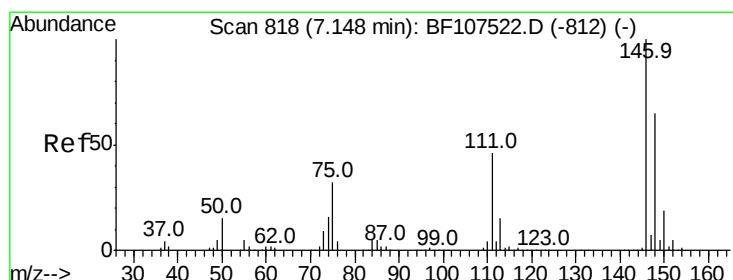
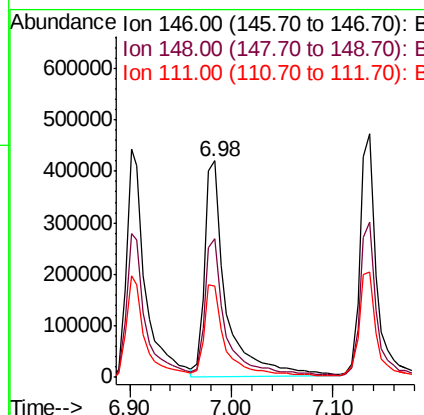
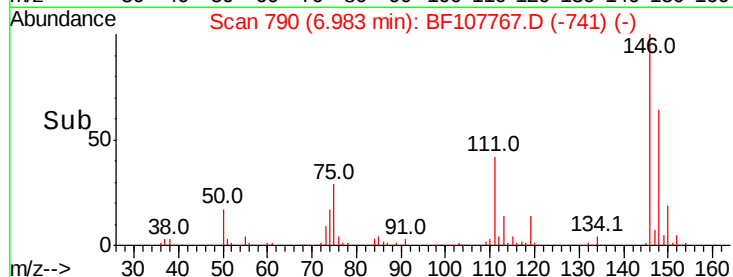
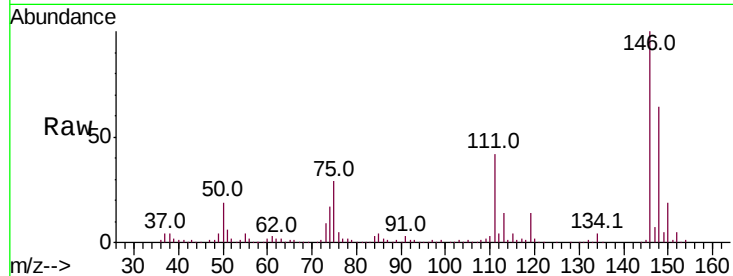
#13  
 1,4-Dichlorobenzene  
 Concen: 40.564 ng  
 RT: 6.98 min Scan# 790  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 50.8  | 76.2  |
| 111     | 42.1  | 34.2  | 51.2  |

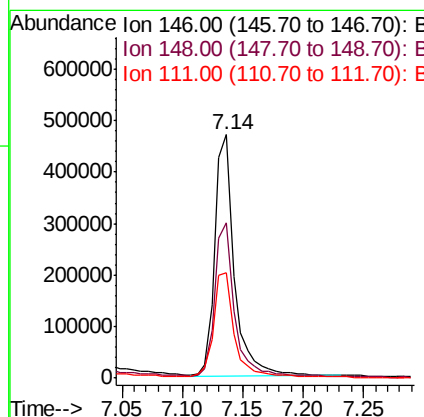
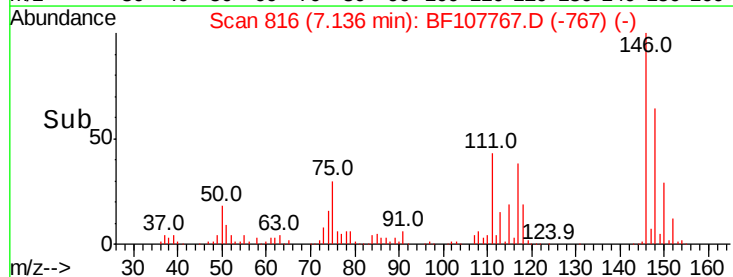
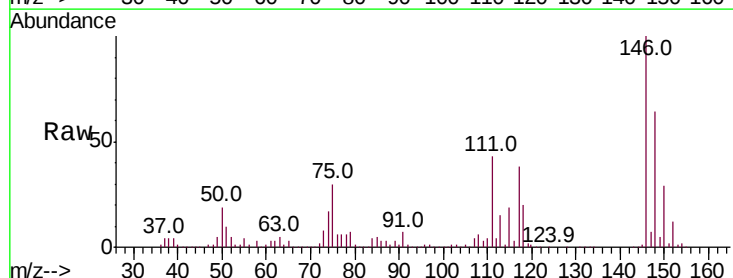
Manual Integrations  
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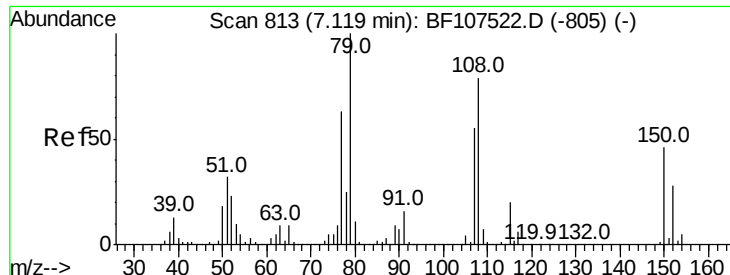
Sohil  
 7/30/2018 2:03:25 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 38.383 ng  
 RT: 7.14 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 75.8  |
| 111     | 43.1  | 36.0  | 54.0  |





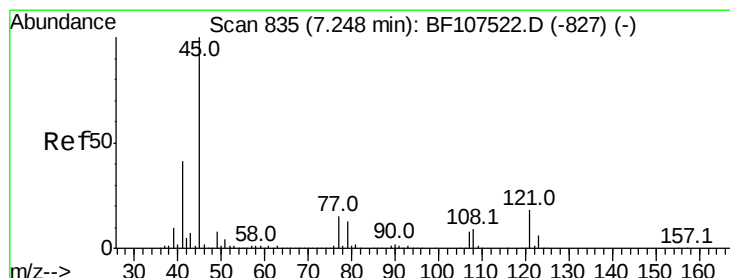
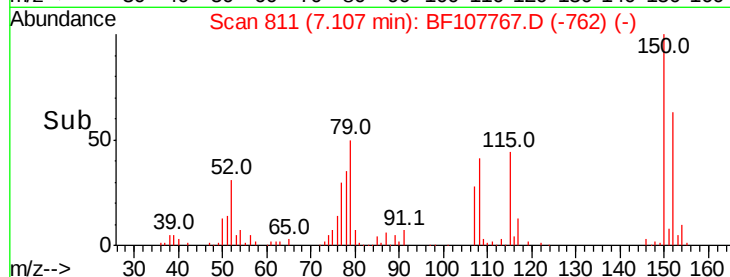
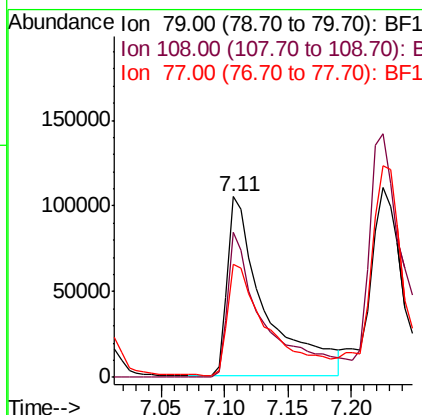
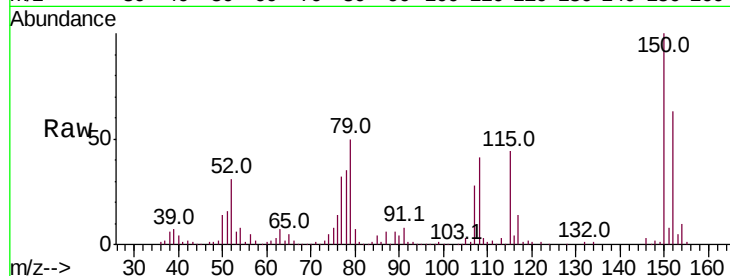
#15  
Benzyl Alcohol  
Concen: 21.598 ng  
RT: 7.11 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampled :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 80.7  | 65.1  | 97.7  |
| 77      | 62.9  | 50.6  | 75.8  |

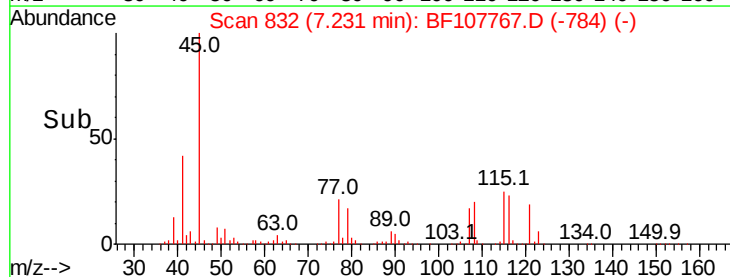
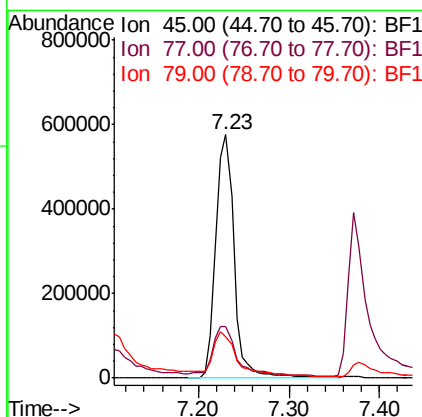
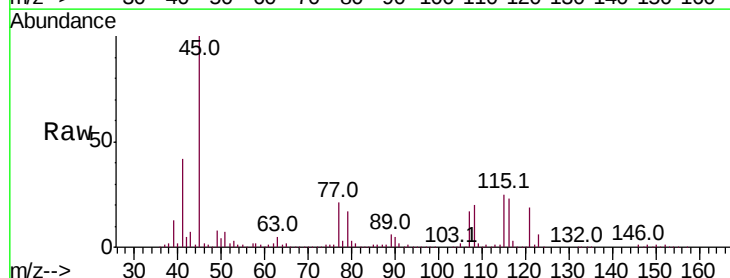
Manual Integrations  
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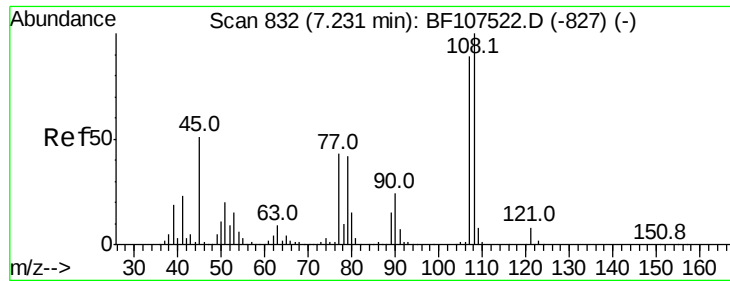
Sohil  
7/30/2018 2:03:25 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.488 ng  
RT: 7.23 min Scan# 832  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 21.1  | 0.0   | 32.9  |
| 79      | 17.3  | 0.0   | 29.6  |





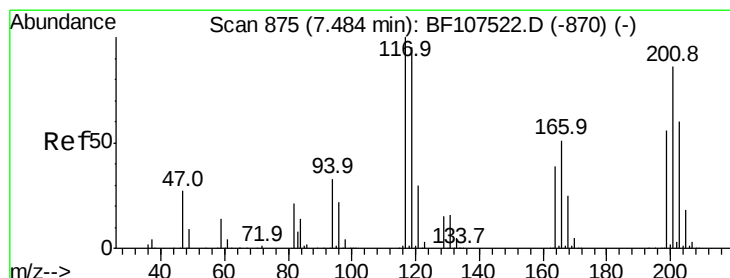
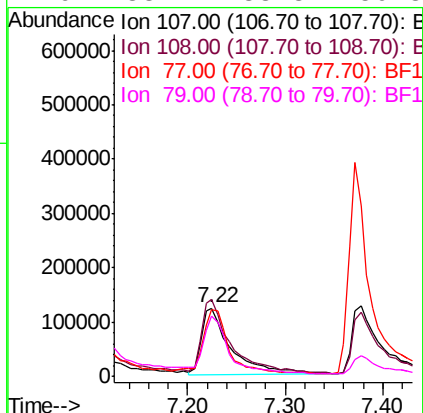
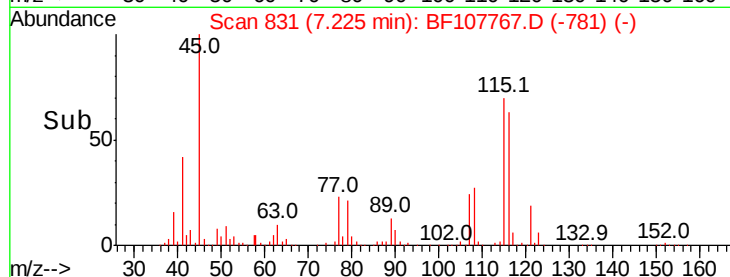
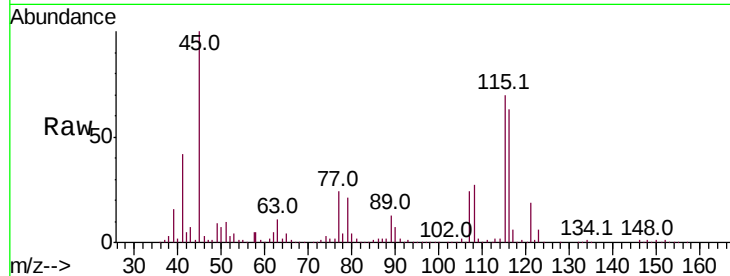
#17  
2-Methylphenol  
Concen: 23.176 ng  
RT: 7.22 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.9 | 91.7 | 137.5 |       |
| 77      | 97.9  | 33.8 | 50.8# |       |
| 79      | 88.2  | 33.8 | 50.8# |       |

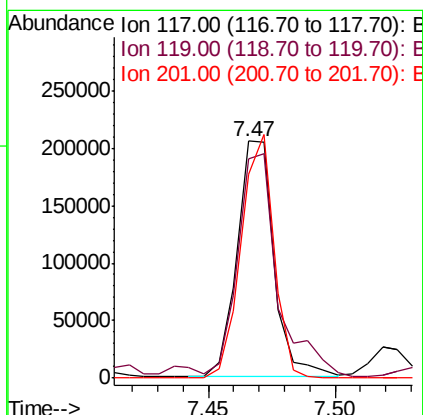
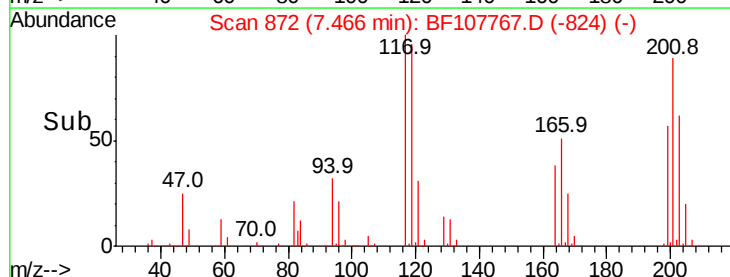
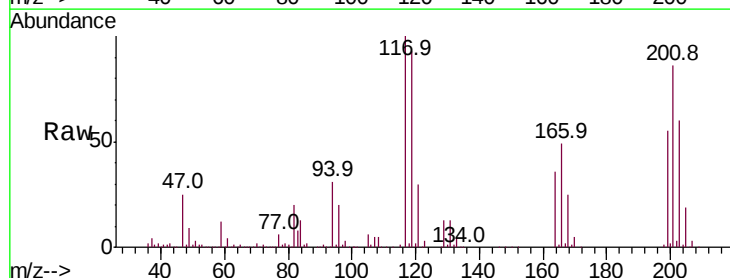
Manual Integrations  
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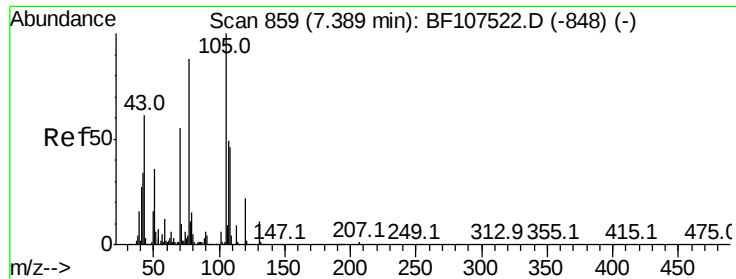
Sohil  
7/30/2018 2:03:25 PM



#18  
Hexachloroethane  
Concen: 38.653 ng  
RT: 7.47 min Scan# 872  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 92.8  | 75.8 | 113.8 |       |
| 201     | 85.9  | 75.7 | 113.5 |       |





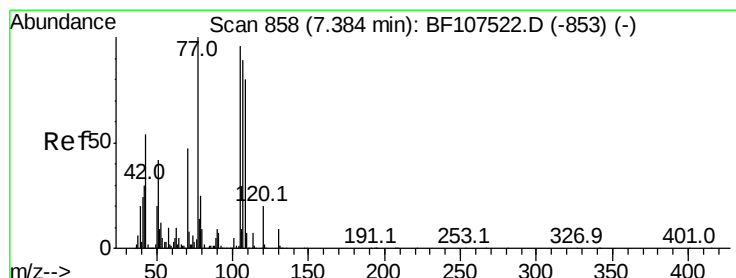
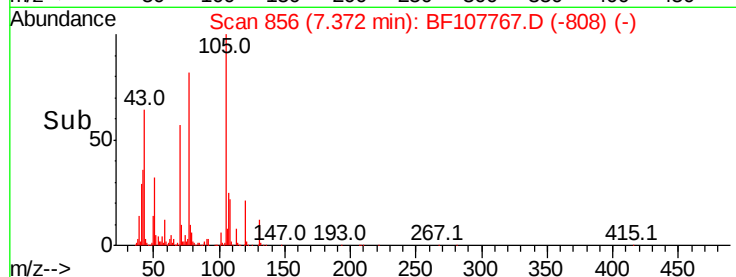
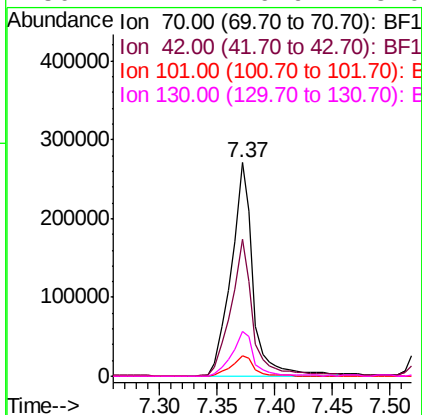
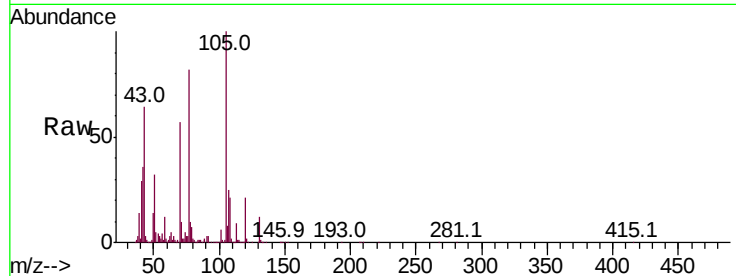
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.621 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 63.9  | 47.5  | 71.3  |
| 101     | 9.7   | 7.4   | 11.2  |
| 130     | 21.2  | 16.6  | 25.0  |

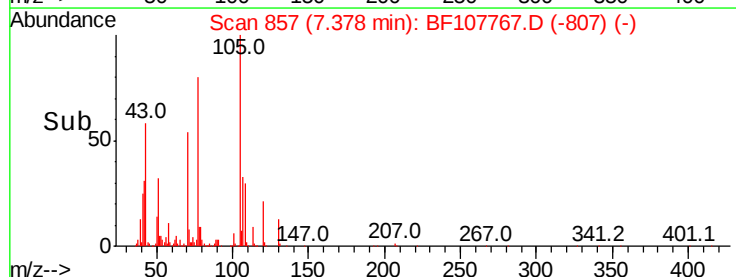
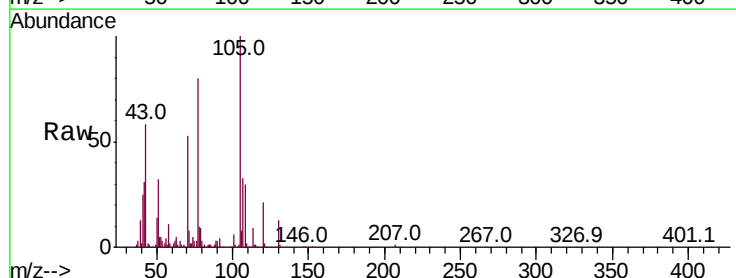
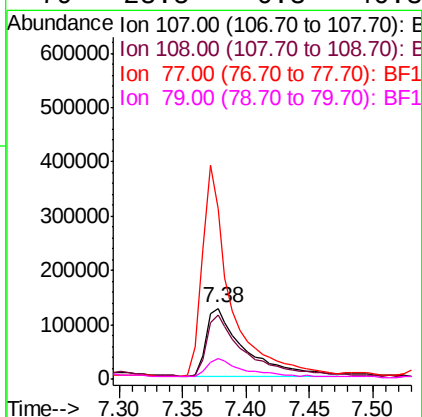
Manual Integrations  
APPROVED

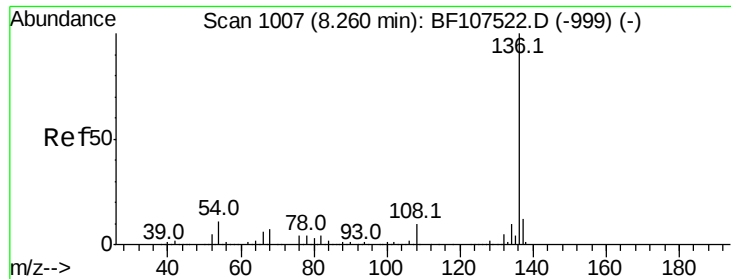
Sohil  
7/30/2018 2:03:25 PM



#20  
3+4-Methylphenols  
Concen: 20.240 ng  
RT: 7.38 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.4  | 68.2  | 108.2 |
| 77      | 239.5 | 26.7  | 66.7# |
| 79      | 28.5  | 6.3   | 46.3  |





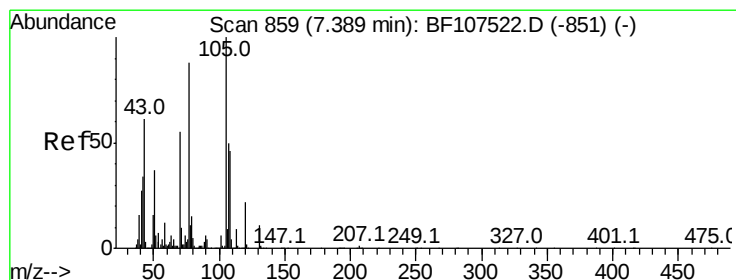
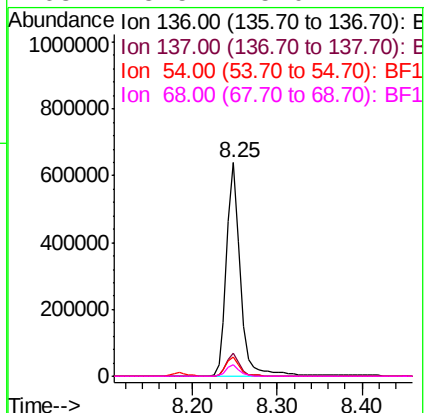
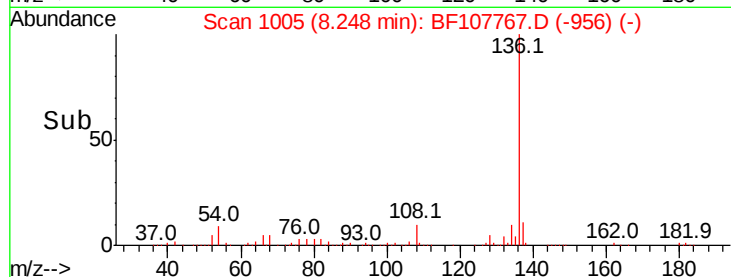
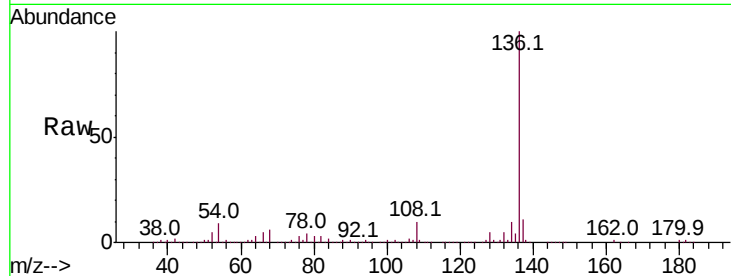
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.0  | 8.9  | 13.3  |       |
| 54      | 9.0   | 6.6  | 9.8   |       |
| 68      | 5.5   | 5.0  | 7.4   |       |

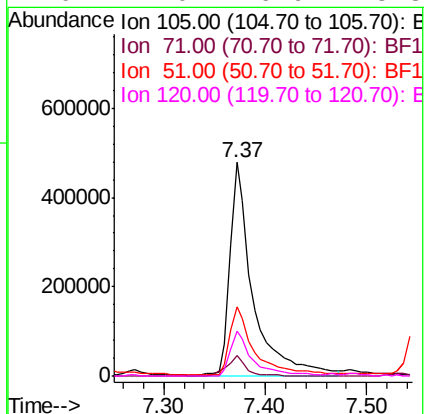
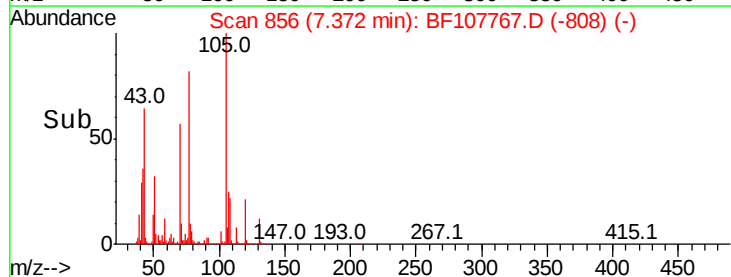
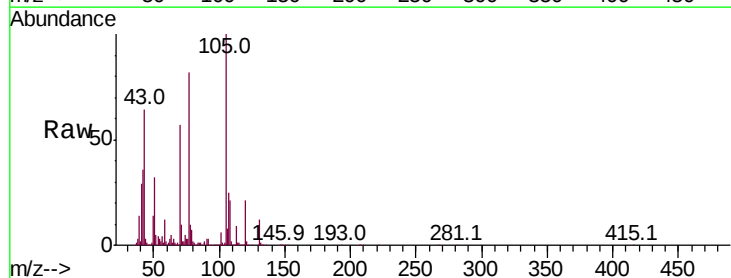
Manual Integrations  
APPROVED

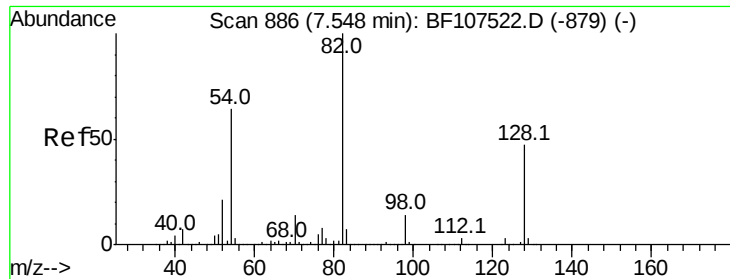
Sohil  
7/30/2018 2:03:25 PM



#22  
Acetophenone  
Concen: 43.500 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 9.7   | 4.4  | 6.6#  |       |
| 51      | 32.2  | 22.3 | 33.5  |       |
| 120     | 21.0  | 16.9 | 25.3  |       |





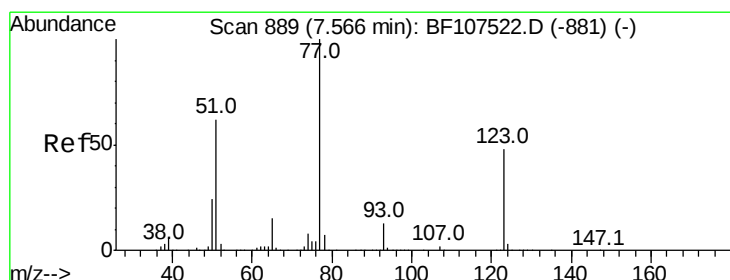
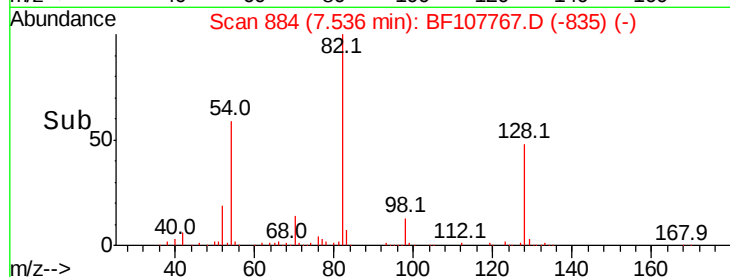
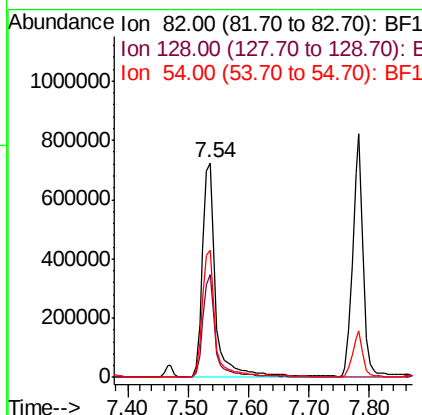
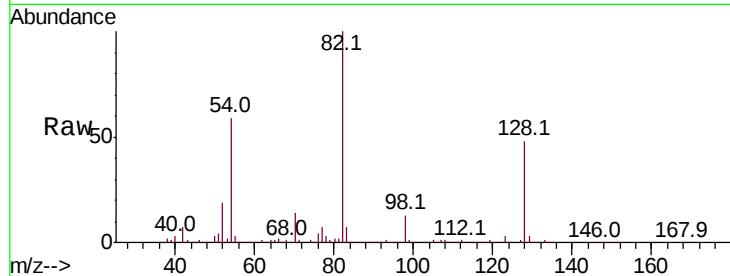
#23  
 Nitrobenzene-d5  
 Concen: 103.457 ng  
 RT: 7.54 min Scan# 884  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

Tot Ion: 82 Resp: 1119451  
 Ion Ratio Lower Upper  
 82 100  
 128 47.9 36.1 54.1  
 54 59.1 41.4 62.2

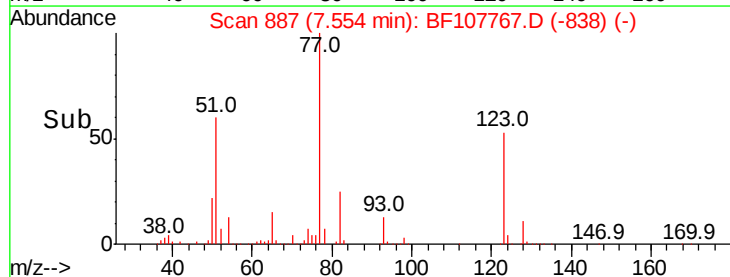
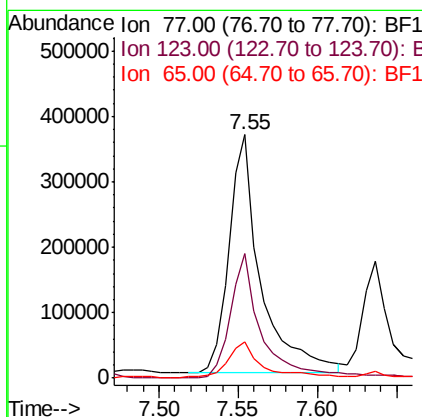
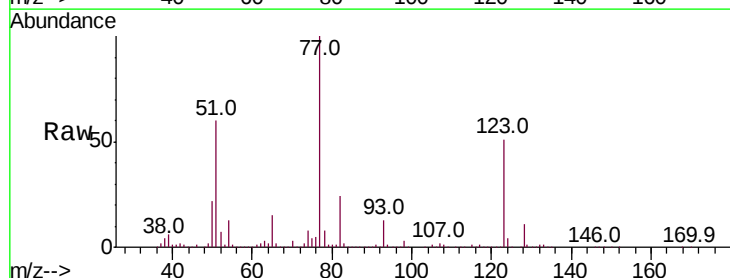
Manual Integrations  
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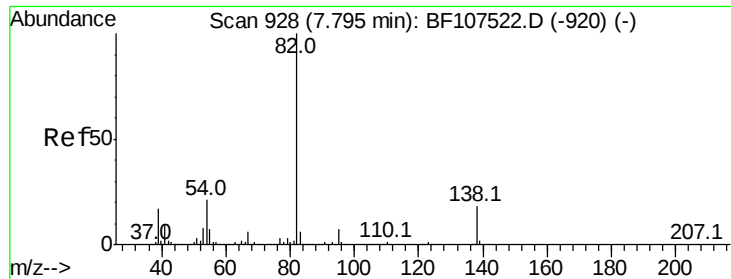
Sohil  
 7/30/2018 2:03:25 PM



#24  
 Nitrobenzene  
 Concen: 40.824 ng  
 RT: 7.55 min Scan# 887  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Tgt Ion: 77 Resp: 505953  
 Ion Ratio Lower Upper  
 77 100  
 123 51.1 37.9 56.9  
 65 14.9 11.0 16.4





#25

Isophorone

Concen: 43.837 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

ClientSampleId :

MW-7BSMSD

Tot Ion: 82 Resp: 1012793

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

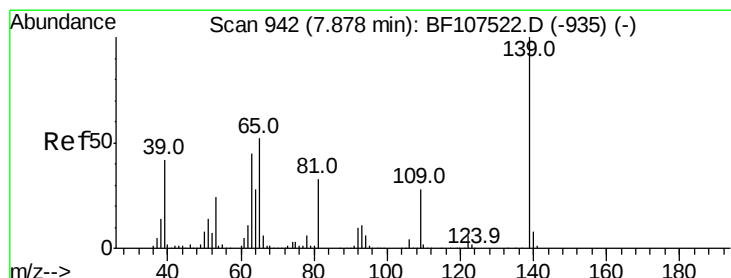
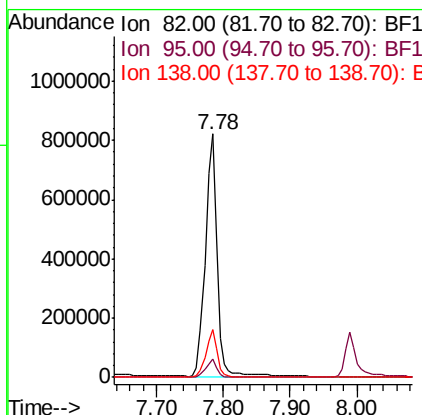
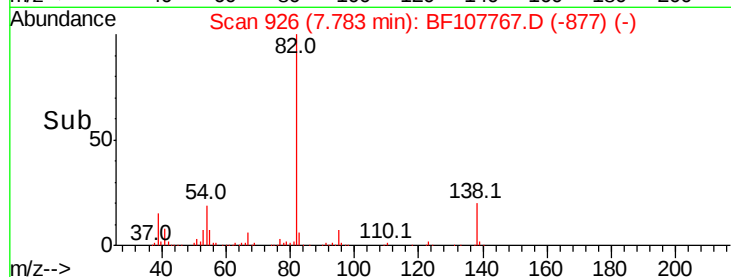
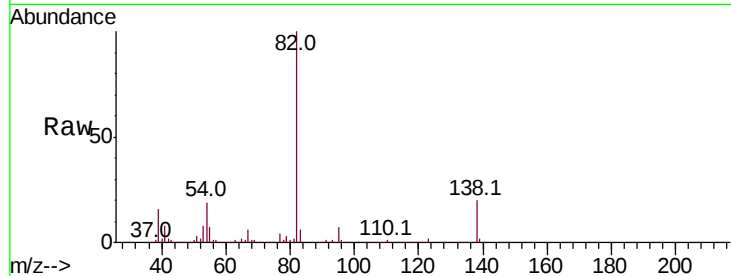
138 19.8 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.164 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

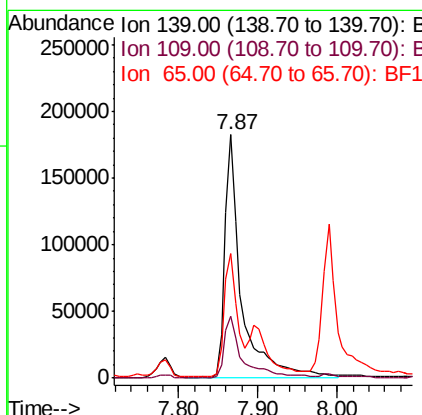
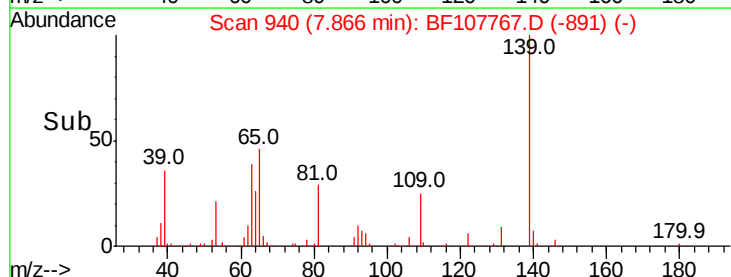
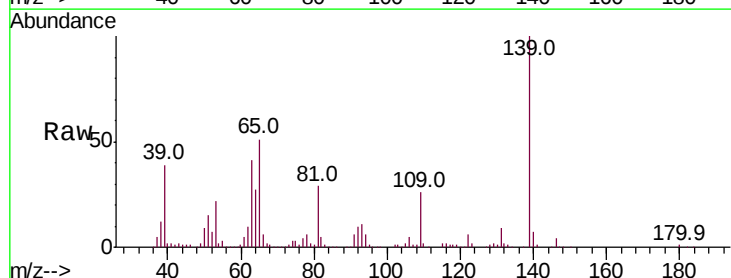
Tgt Ion: 139 Resp: 267773

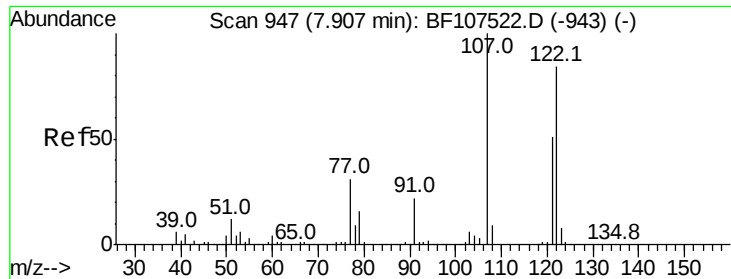
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 51.0 40.5 60.7





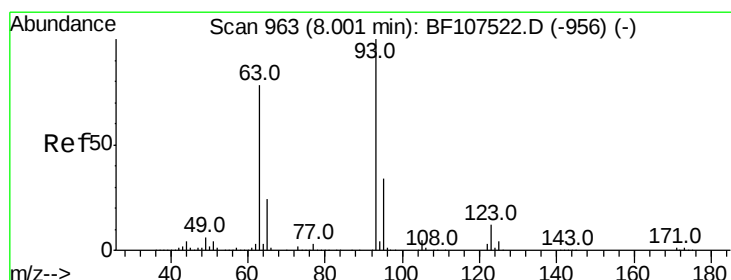
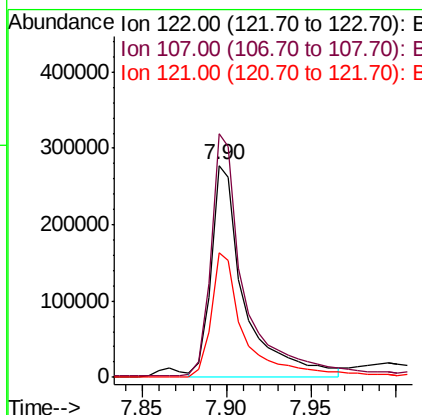
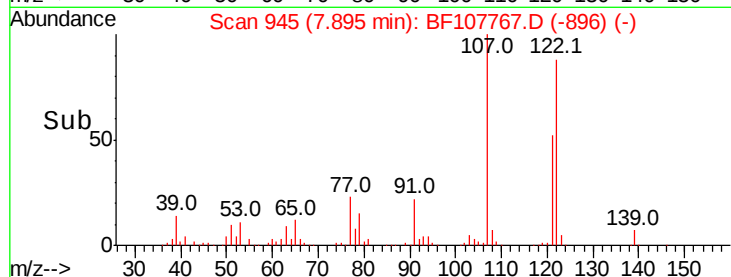
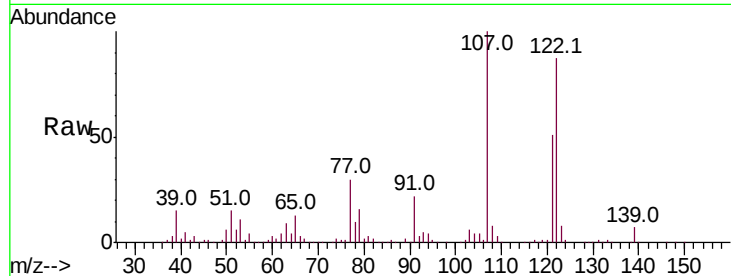
#27  
 2,4-Dimethylphenol  
 Concen: 38.322 ng  
 RT: 7.90 min Scan# 945  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.0 | 91.2  | 136.8 |
| 121     | 58.7  | 47.2  | 70.8  |

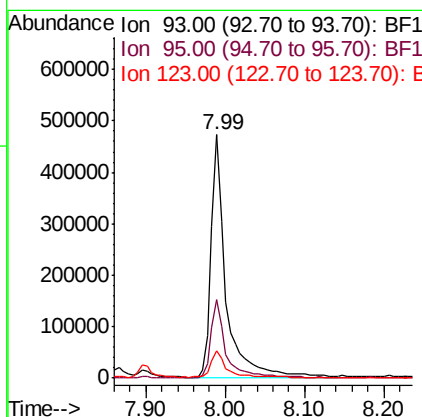
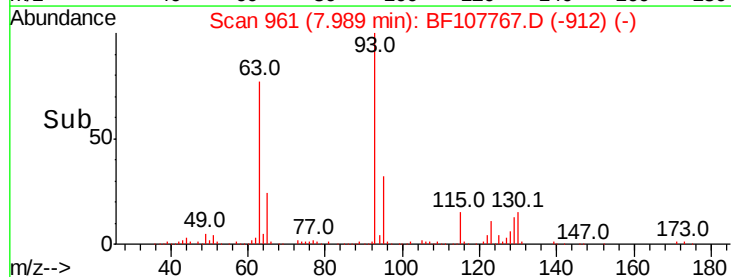
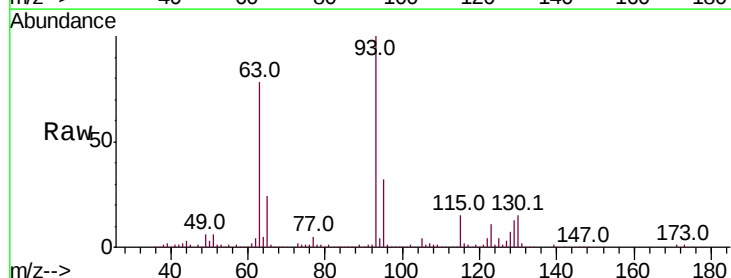
Manual Integrations  
 APPROVED

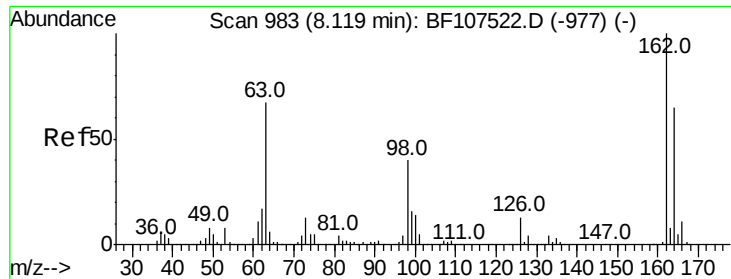
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.846 ng  
 RT: 7.99 min Scan# 961  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.3  | 39.5  |
| 123     | 11.1  | 9.8   | 14.6  |





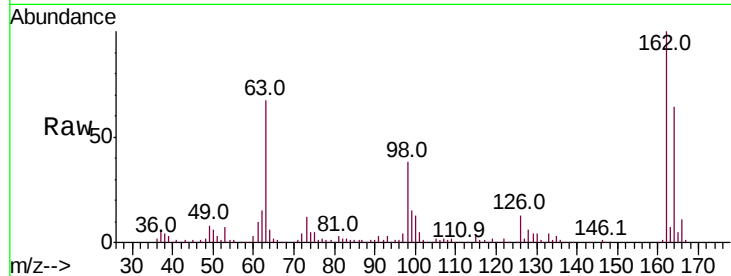
#29  
 2,4-Dichlorophenol  
 Concen: 39.459 ng  
 RT: 8.11 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 399552 |       |       |
| 164     | 64.0  |        | 42.7  | 82.7  |
| 98      | 38.0  |        | 18.1  | 58.1  |

Manual Integrations  
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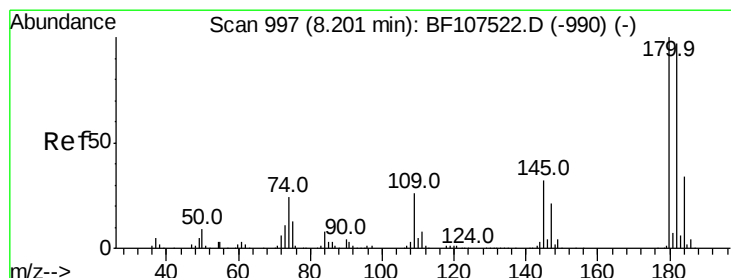
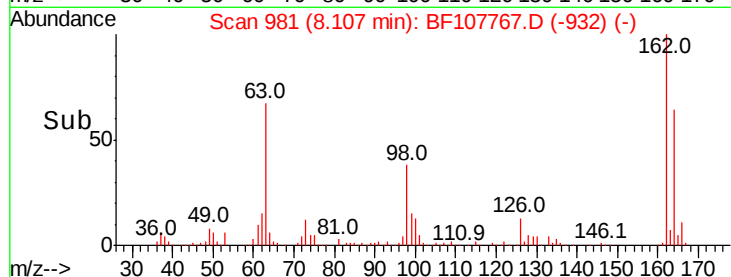
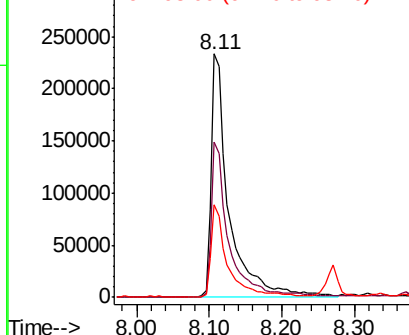


Abundance

Ion 162.00 (161.70 to 162.70): E

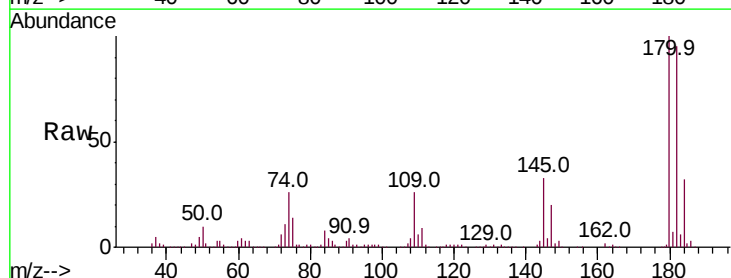
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.979 ng  
 RT: 8.18 min Scan# 994  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 477420 |       |       |
| 182     | 95.1  |        | 76.8  | 115.2 |
| 145     | 32.7  |        | 26.5  | 39.7  |

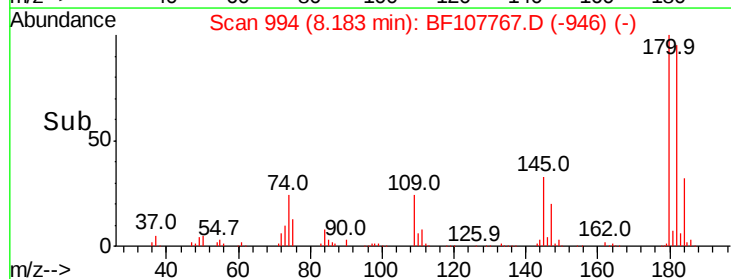
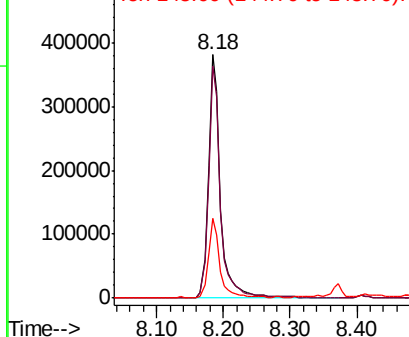


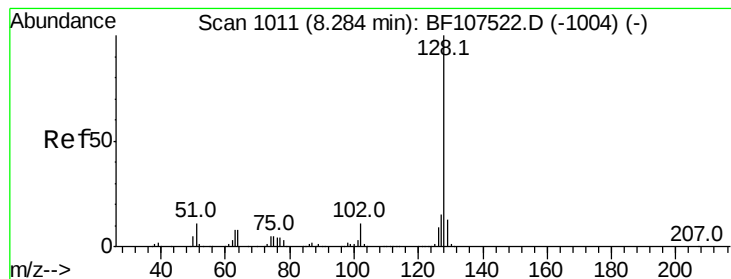
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 77.520 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

ClientSampleId :

MW-7BSMSD

Tot Ion:128 Resp: 2489332

Ion Ratio Lower Upper

128 100

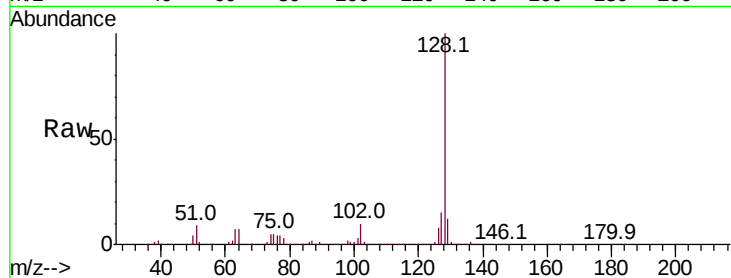
129 12.2 8.8 13.2

127 14.6 10.9 16.3

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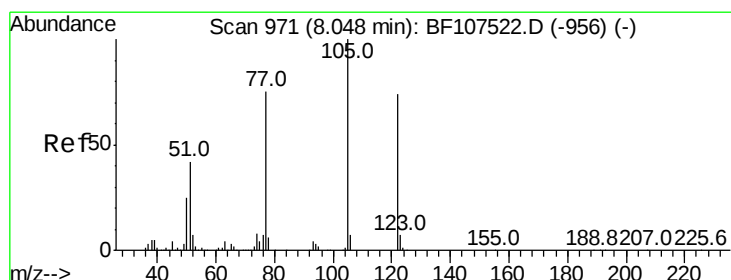
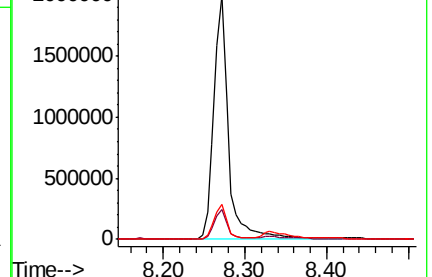
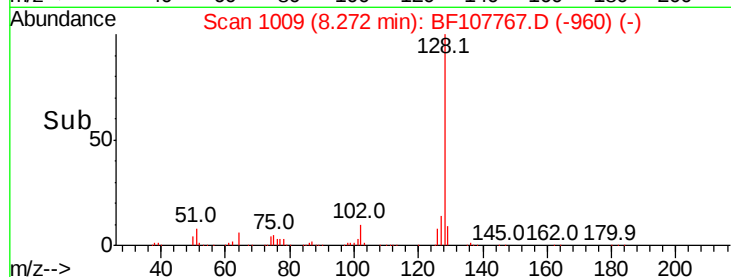
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.997 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

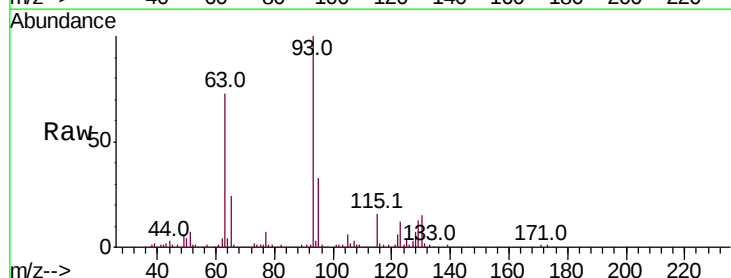
Tgt Ion:122 Resp: 75309

Ion Ratio Lower Upper

122 100

105 97.4 101.1 141.1#

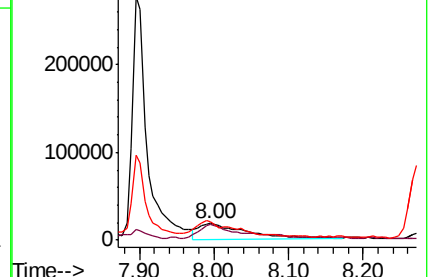
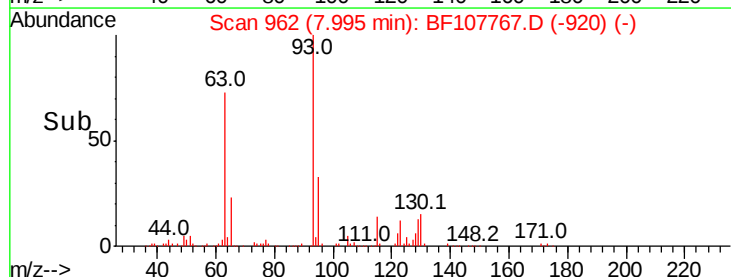
77 110.7 70.7 110.7#

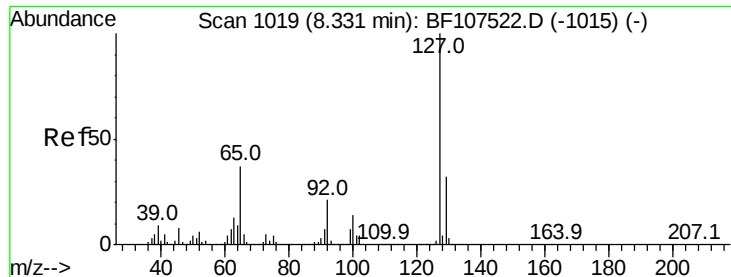


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





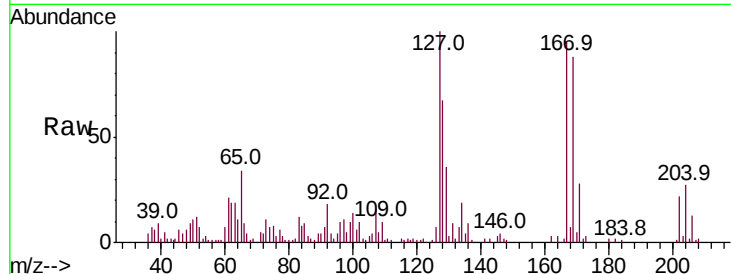
#33  
4-Chloroaniline  
Concen: 12.130 ng  
RT: 8.33 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 35.9  | 25.9 | 38.9  |       |
| 65      | 34.5  | 25.0 | 37.4  |       |
| 92      | 18.1  | 15.2 | 22.8  |       |

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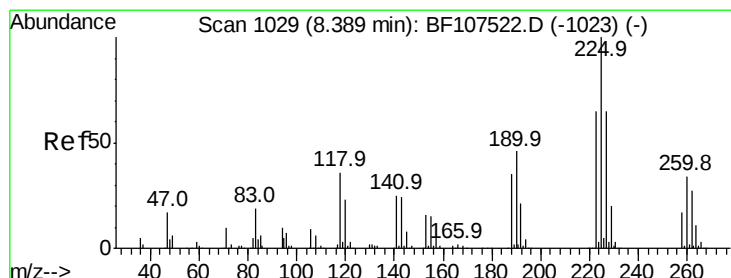
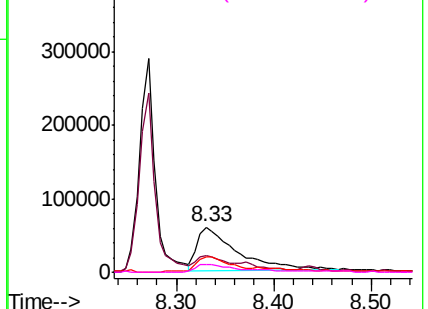
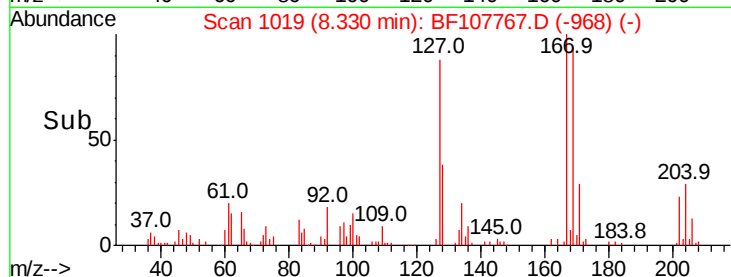
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

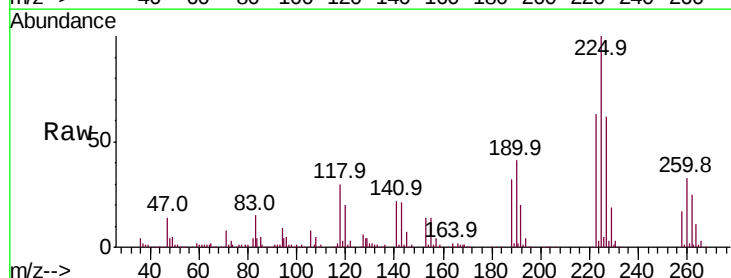
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 42.096 ng  
RT: 8.37 min Scan# 1026  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.2  | 50.6 | 76.0  |       |
| 227     | 62.5  | 51.9 | 77.9  |       |

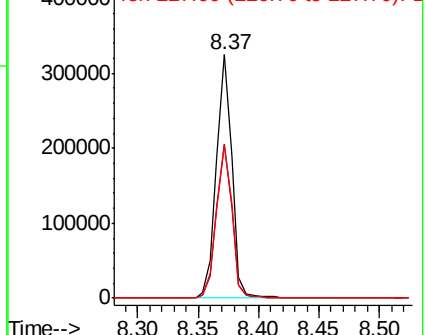
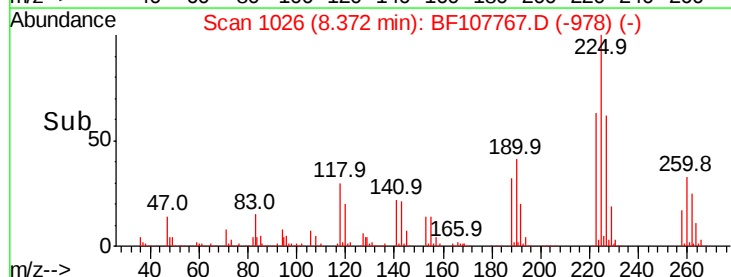


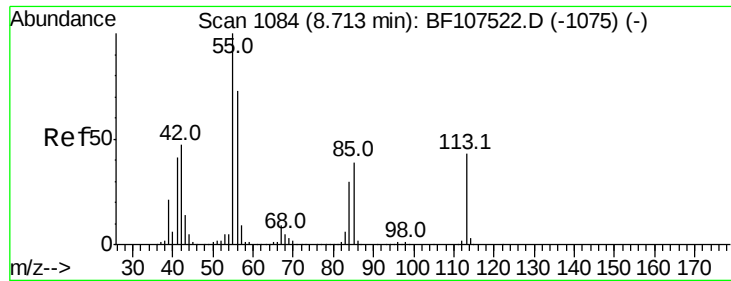
Abundance

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





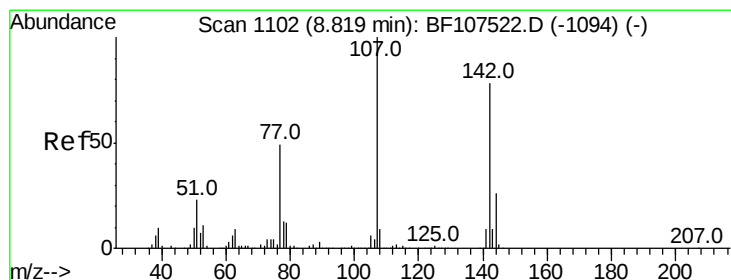
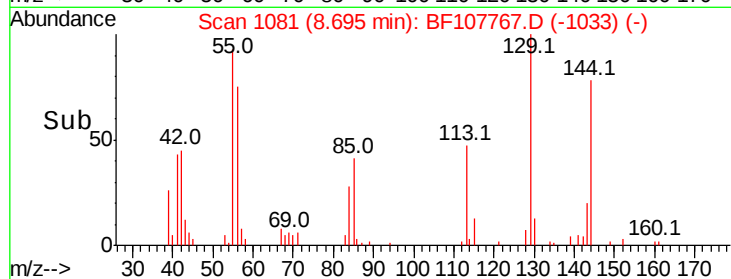
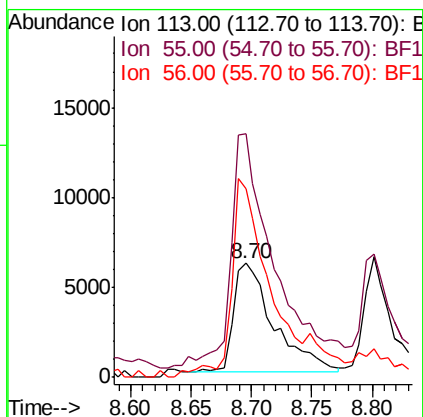
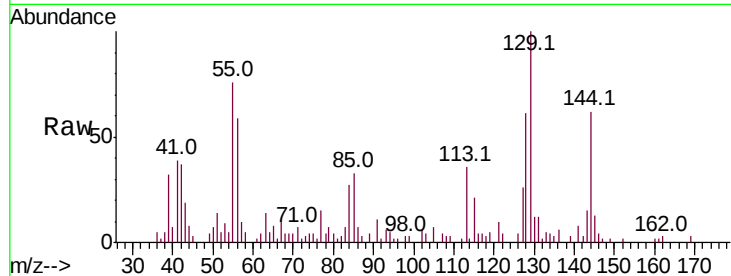
#35  
Caprolactam  
Concen: 4.295 ng  
RT: 8.70 min Scan# 1081  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 213.7 | 163.3 | 203.3# |
| 56      | 165.7 | 115.7 | 155.7# |

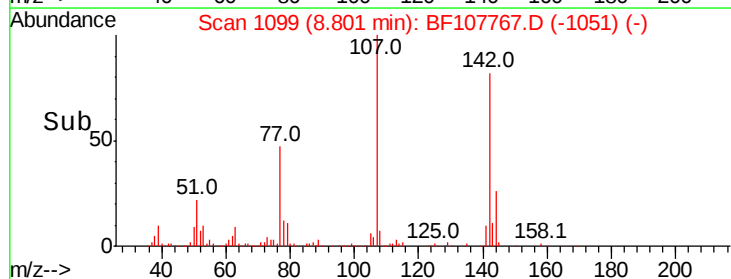
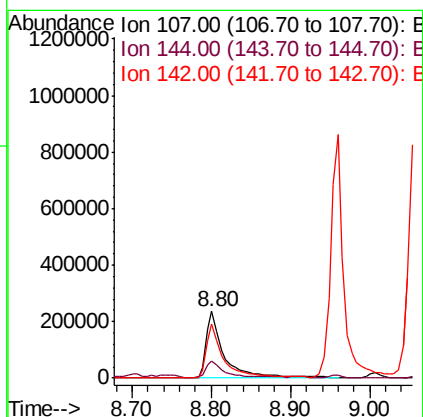
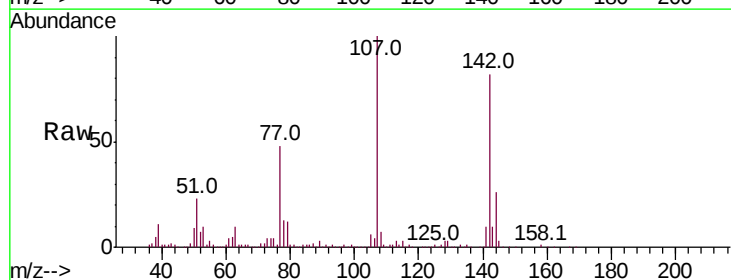
Manual Integrations  
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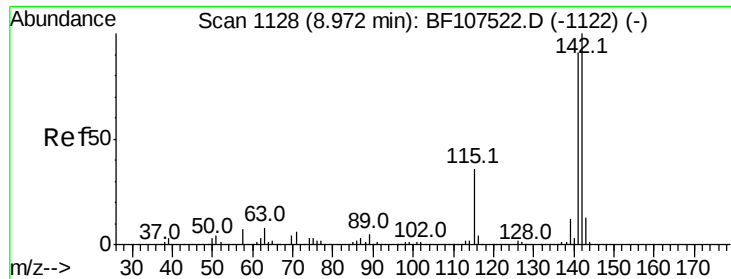
Sohil  
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#36  
4-Chloro-3-methylphenol  
Concen: 33.340 ng  
RT: 8.80 min Scan# 1099  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.3  | 20.5  | 30.7  |
| 142     | 81.8  | 62.0  | 93.0  |





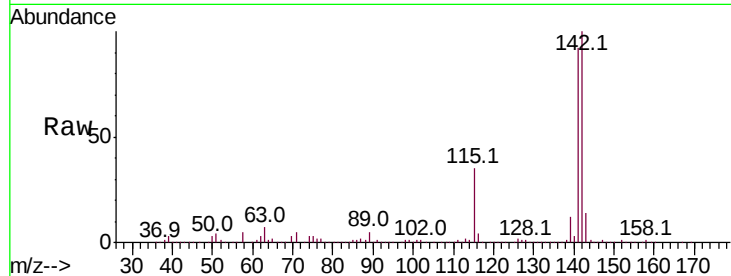
#37  
2-Methylnaphthalene  
Concen: 43.961 ng  
RT: 8.96 min Scan# 1126  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

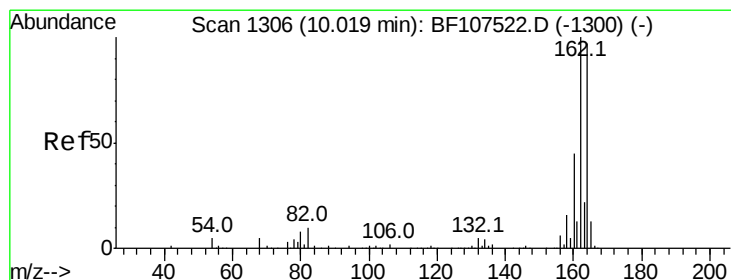
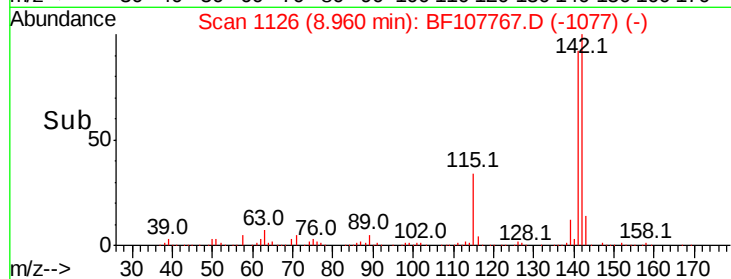
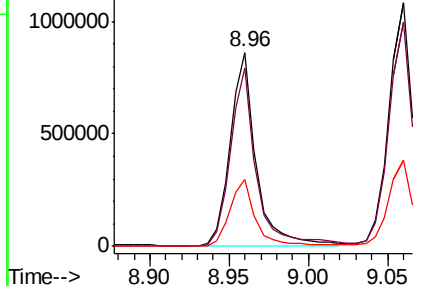
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 70.8  | 106.2 |
| 115     | 34.7  | 26.1  | 39.1  |

Manual Integrations  
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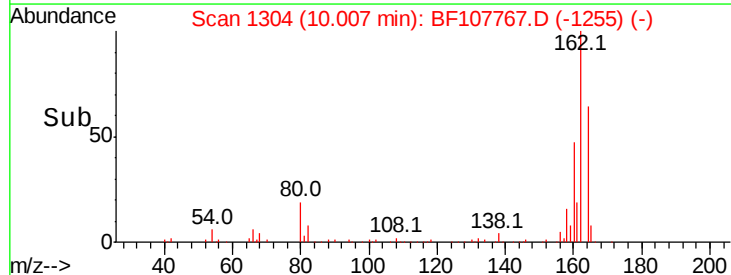
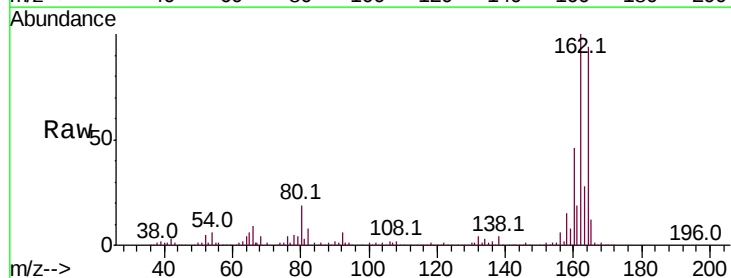
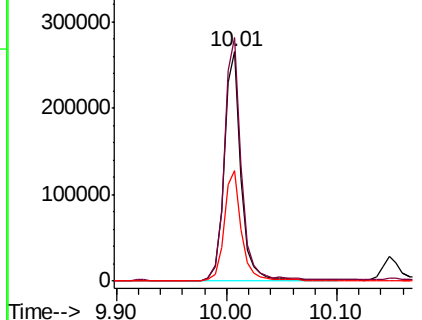
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

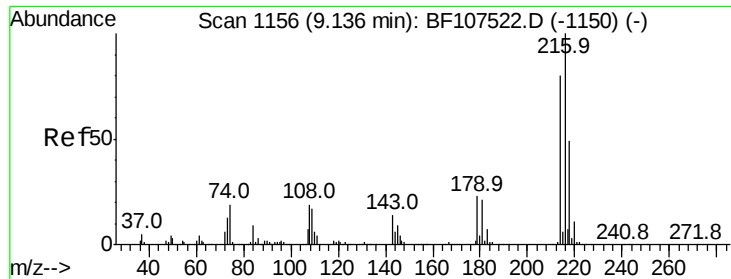


#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.01 min Scan# 1304  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.1 | 86.1  | 129.1 |
| 160     | 48.4  | 38.3  | 57.5  |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





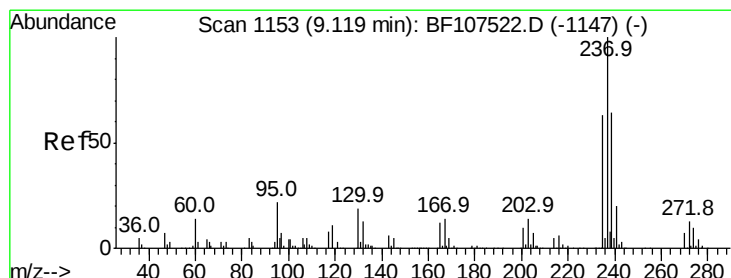
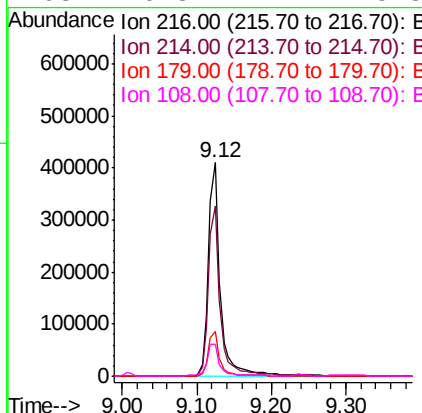
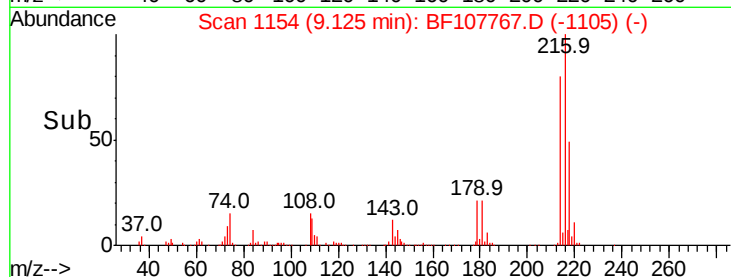
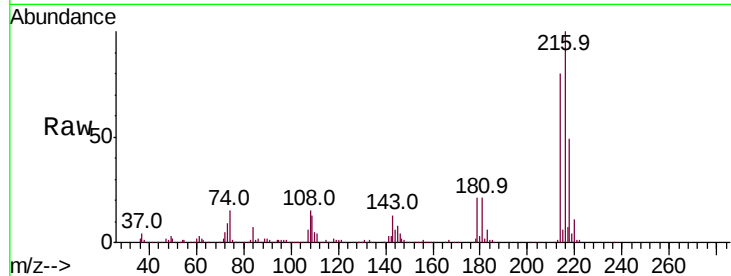
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.288 ng  
 RT: 9.12 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 462008 |       |       |
| 214     | 79.7  | 63.0   | 94.4  |       |
| 179     | 21.0  | 18.1   | 27.1  |       |
| 108     | 16.3  | 17.2   | 25.8  |       |

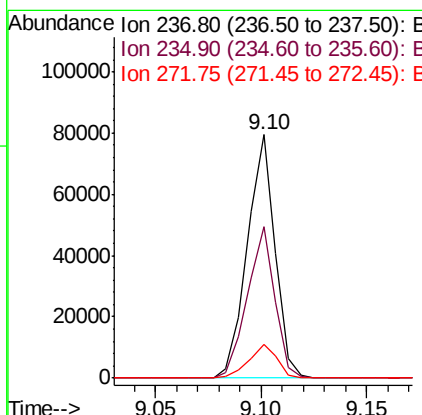
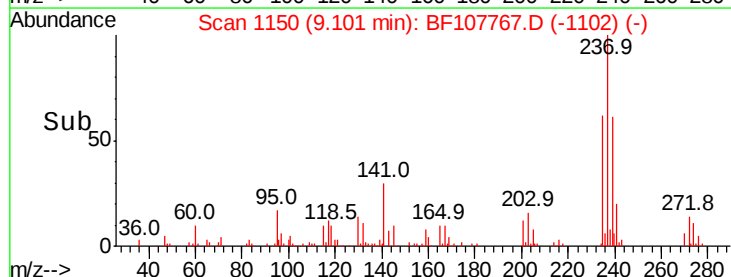
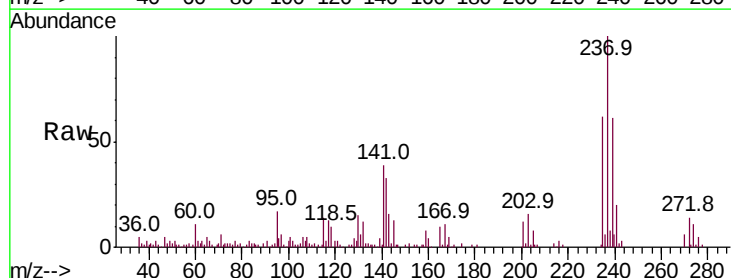
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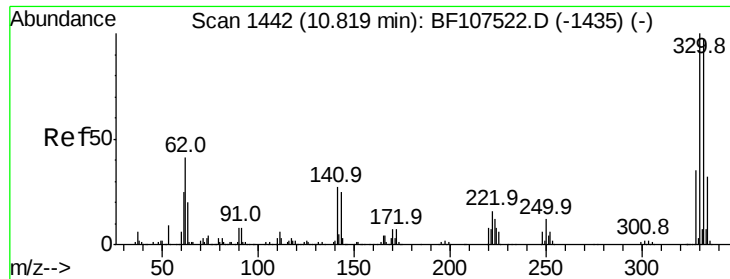
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#40  
 Hexachlorocyclopentadiene  
 Concen: 14.886 ng  
 RT: 9.10 min Scan# 1150  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 72402 |       |       |
| 235     | 62.0  | 44.8  | 84.8  |       |
| 272     | 13.8  | 0.0   | 33.3  |       |





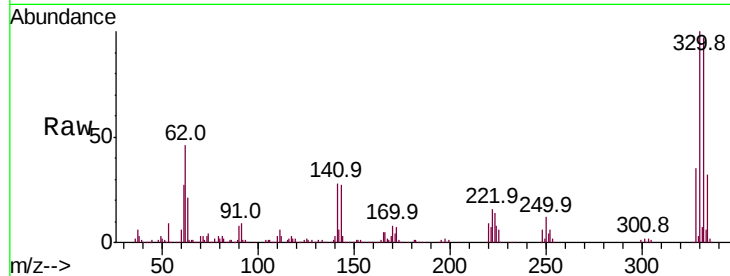
#41  
 2,4,6-Tribromophenol  
 Concen: 126.550 ng  
 RT: 10.80 min Scan# 1439  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.0  | 115.6 |
| 141     | 26.5  | 29.9  | 44.9# |

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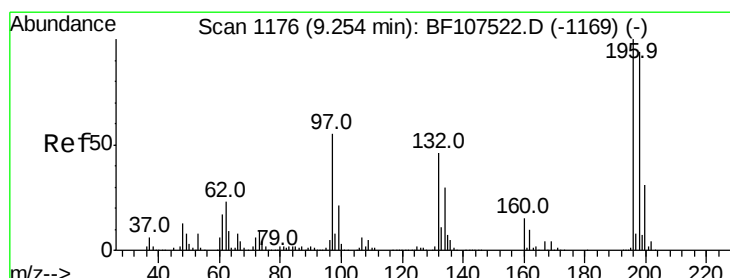
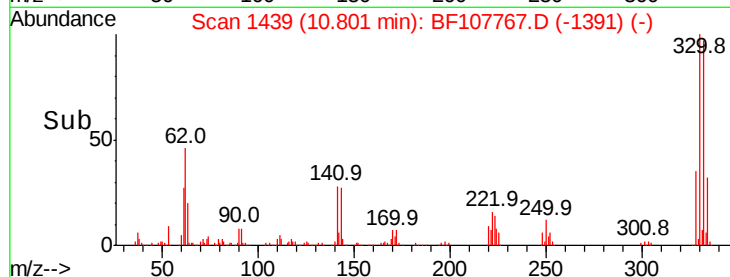
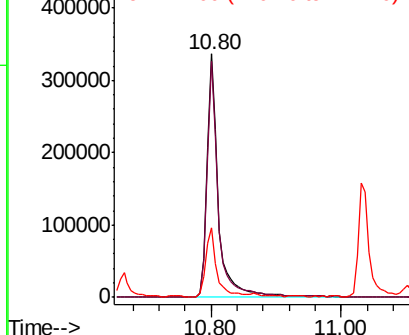


Abundance

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: 41.426 ng  
 RT: 9.24 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

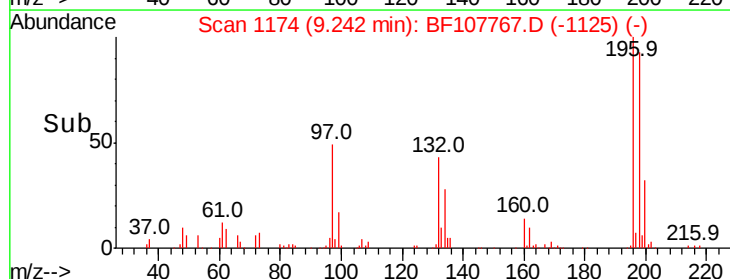
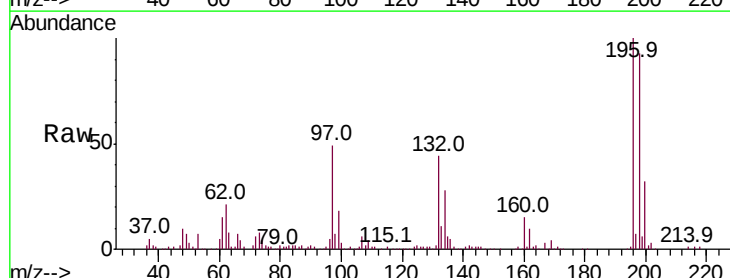
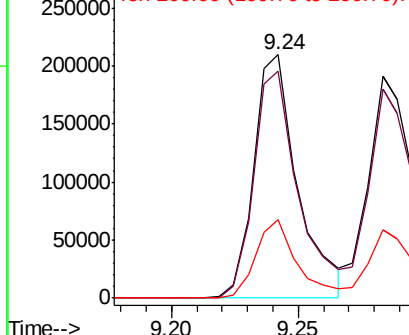
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.3  | 75.7  | 113.5 |
| 200     | 32.3  | 24.5  | 36.7  |

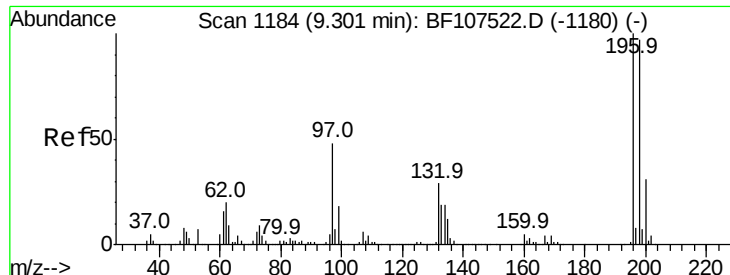
Abundance

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





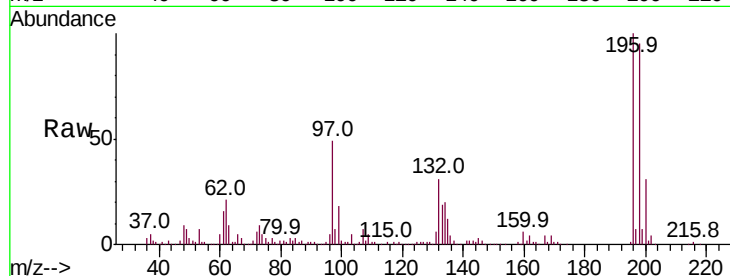
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.522 ng  
 RT: 9.28 min Scan# 1181  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 291375 |       |       |
| 198     | 94.6  | 74.6   | 112.0 |       |
| 97      | 48.7  | 42.9   | 64.3  |       |
| 132     | 31.1  | 26.3   | 39.5  |       |

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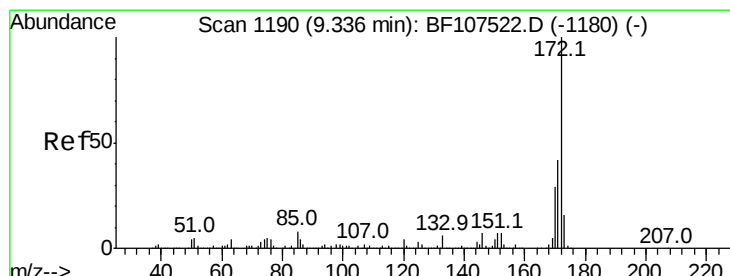
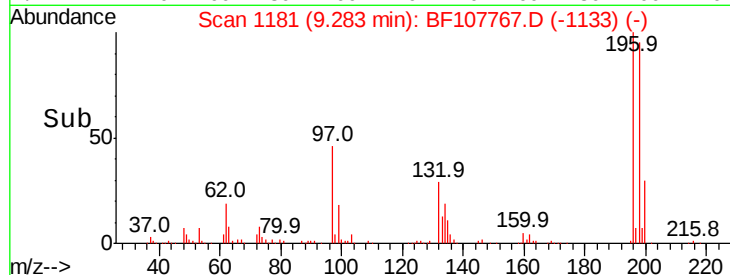
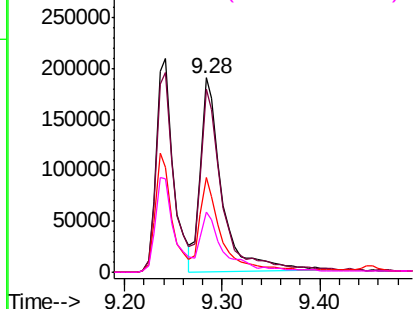
Abundance

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: 135.400 ng  
 RT: 9.32 min Scan# 1187  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

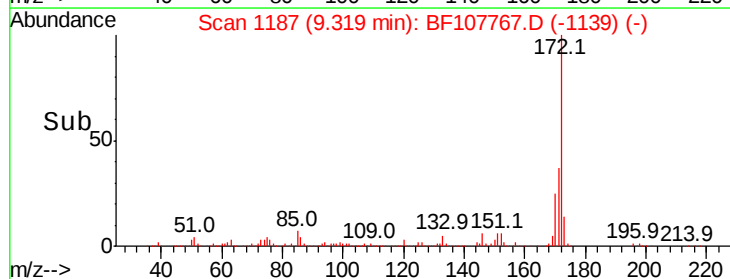
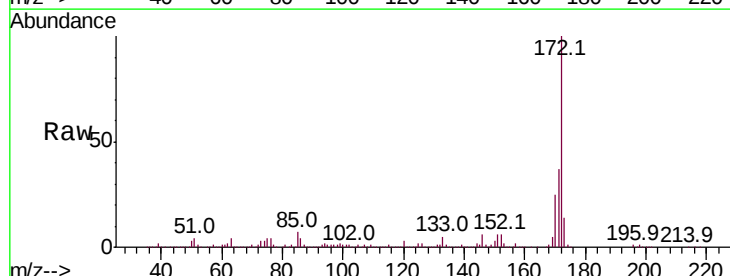
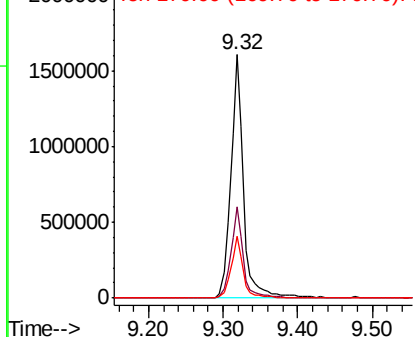
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1931931 |       |       |
| 171     | 37.4  | 29.7    | 44.5  |       |
| 170     | 25.2  | 19.6    | 29.4  |       |

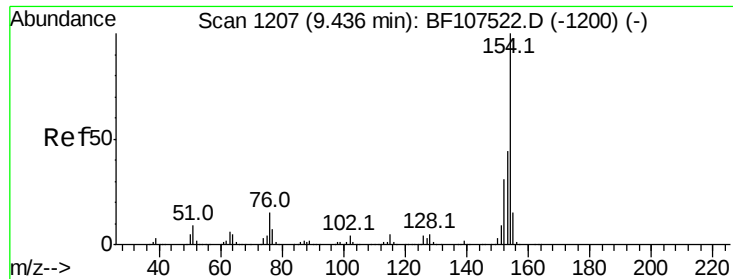
Abundance

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





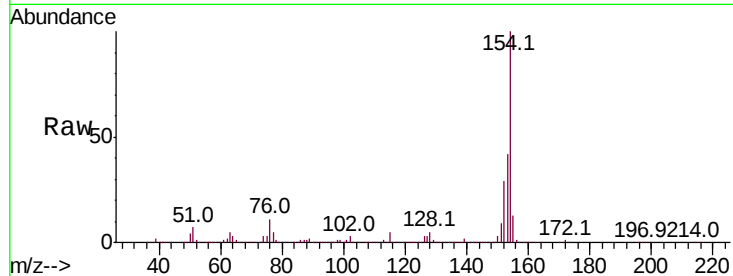
#45  
1,1'-Biphenyl  
Concen: 52.415 ng  
RT: 9.42 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 21.3  | 61.3  |
| 76      | 11.4  | 0.0   | 34.0  |

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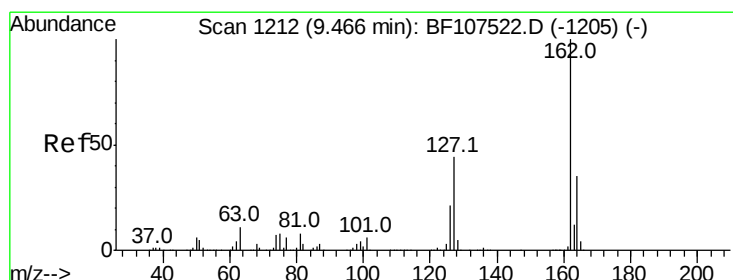
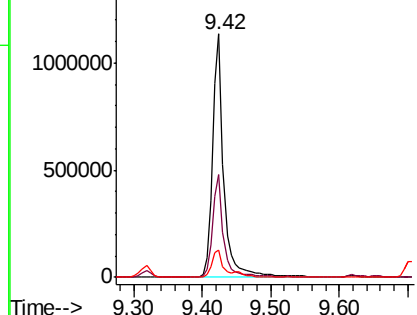
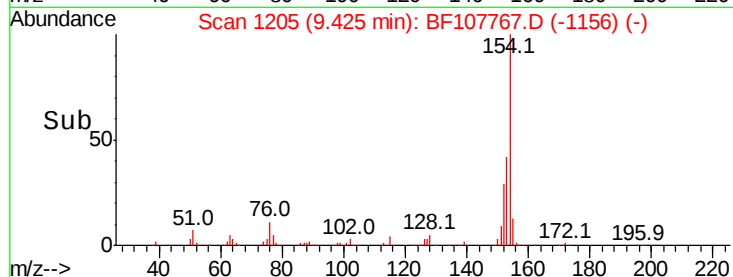


Abundance

Ion 154.00 (153.70 to 154.70): E

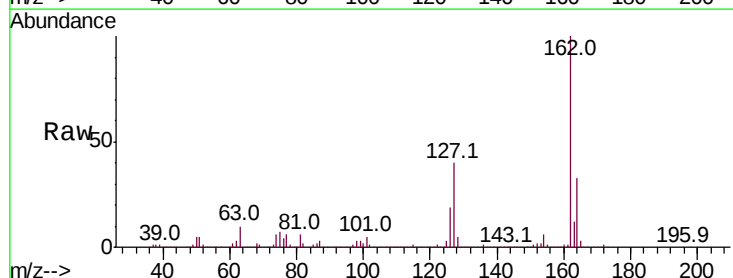
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46  
2-Chloronaphthalene  
Concen: 45.453 ng  
RT: 9.45 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.4  | 33.9  | 50.9  |
| 164     | 32.6  | 26.5  | 39.7  |

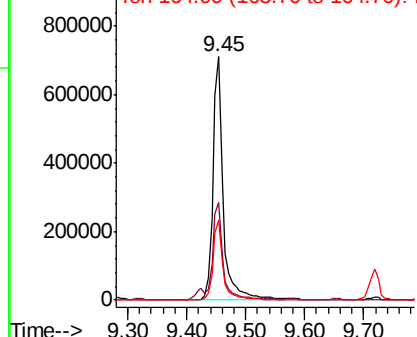
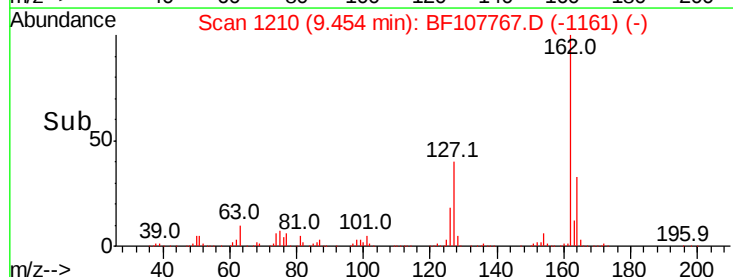


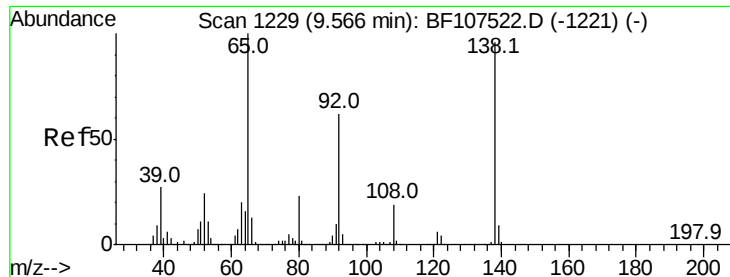
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.388 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

ClientSampleId :

MW-7BSMSD

Tot Ion: 65 Resp: 269444

Ion Ratio Lower Upper

65 100

92 64.1 55.8 83.6

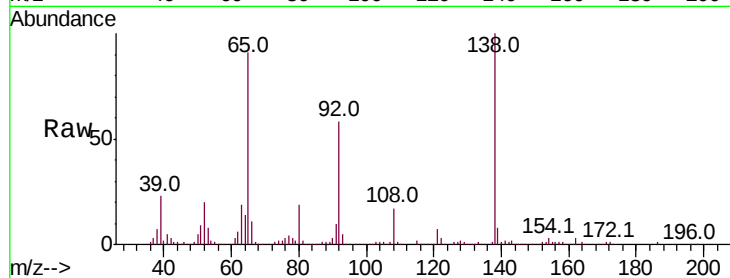
138 109.8 91.2 136.8

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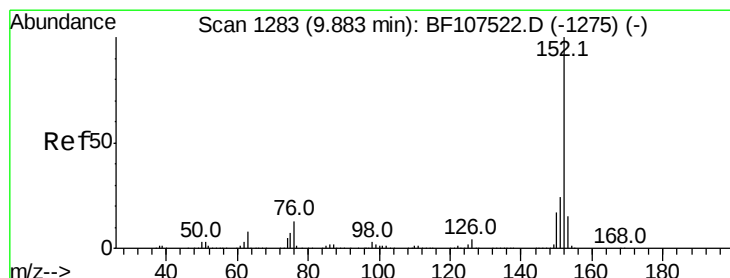
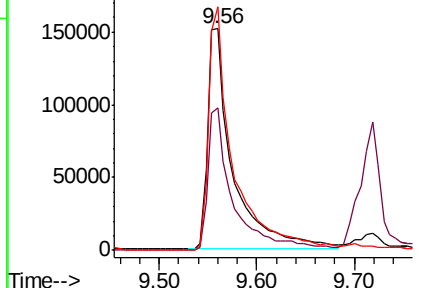
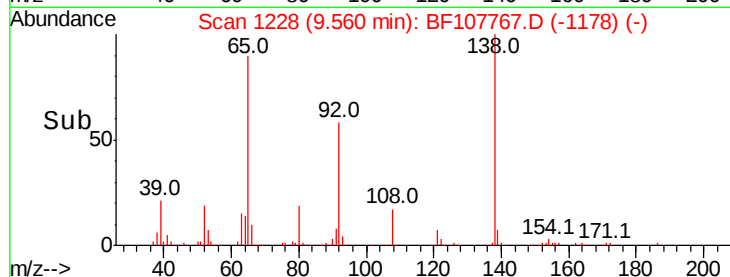
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 50.929 ng

RT: 9.87 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

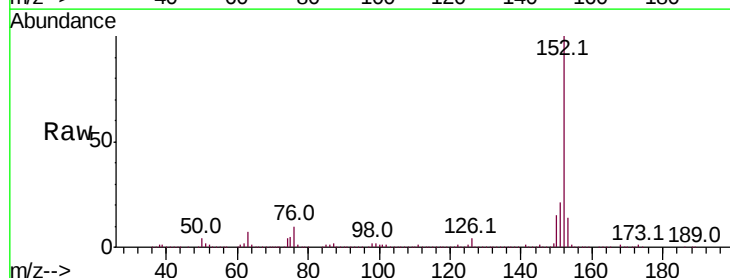
Tgt Ion: 152 Resp: 1461295

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

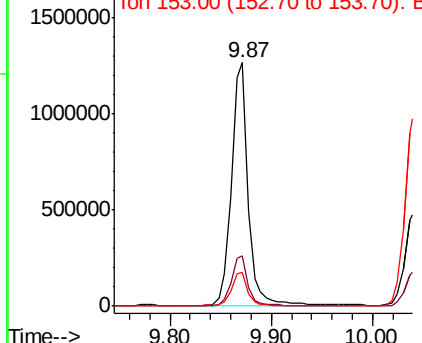
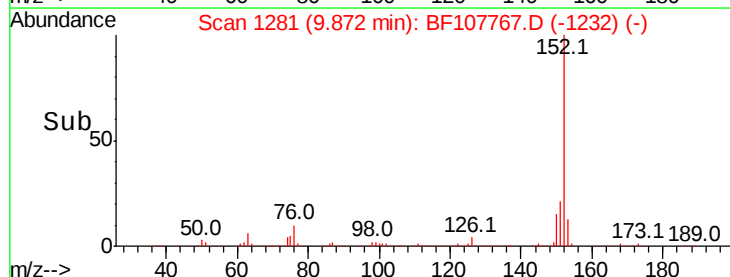
153 13.7 10.7 16.1

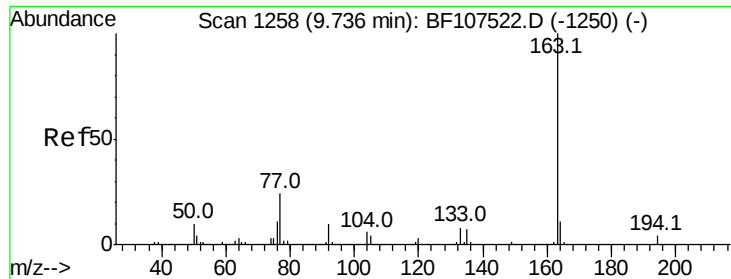


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





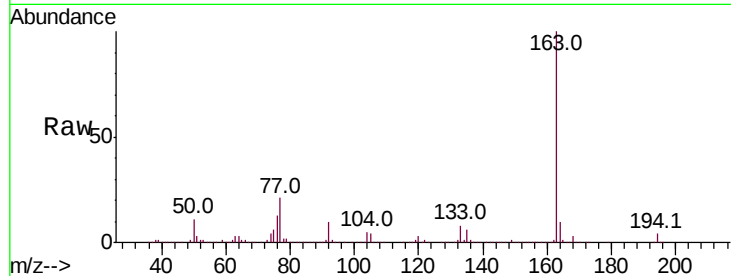
#49  
Dimethylphthalate  
Concen: 47.608 ng  
RT: 9.72 min Scan# 1255  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

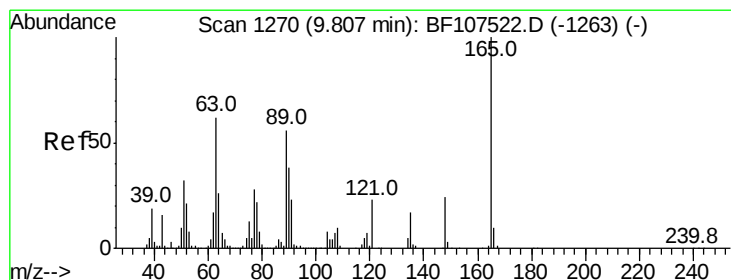
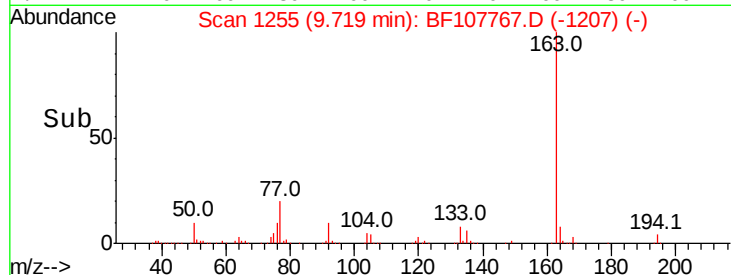
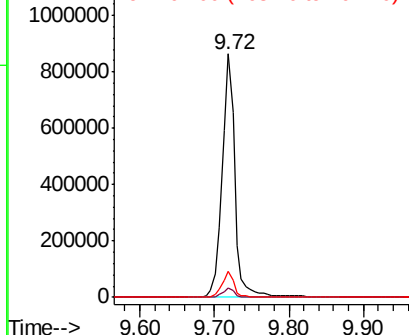
Tot Ion:163 Resp: 1029250  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 10.5 8.2 12.2

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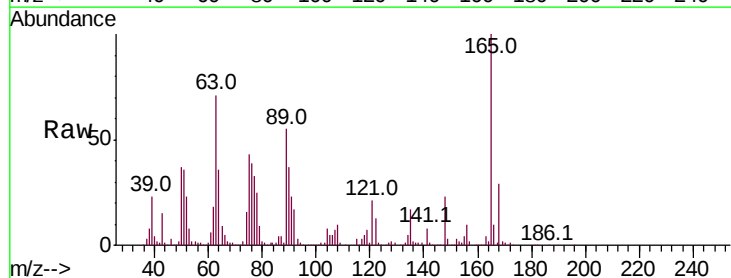


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

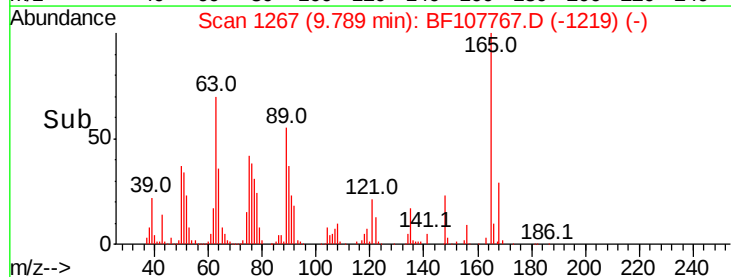
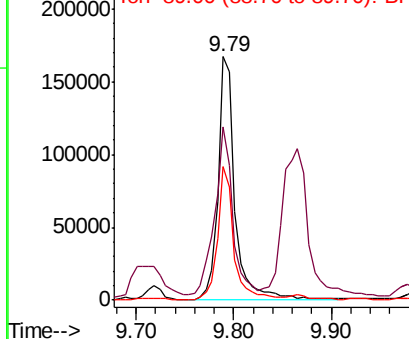


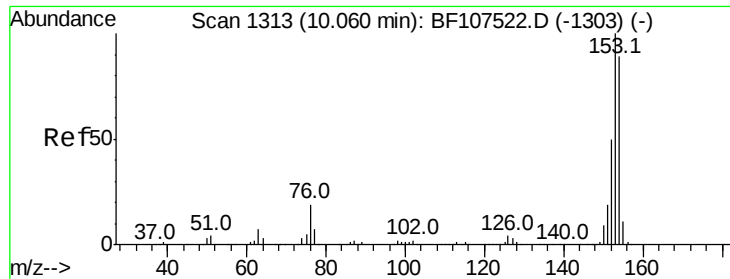
#50  
2,6-Dinitrotoluene  
Concen: 46.664 ng  
RT: 9.79 min Scan# 1267  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Tgt Ion:165 Resp: 200297  
Ion Ratio Lower Upper  
165 100  
63 71.3 44.7 67.1#  
89 54.9 44.0 66.0



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





#51

Acenaphthene

Concen: 56.648 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

ClientSampleId :

MW-7BSMSD

Tot Ion:154 Resp: 1018397

Ion Ratio Lower Upper

154 100

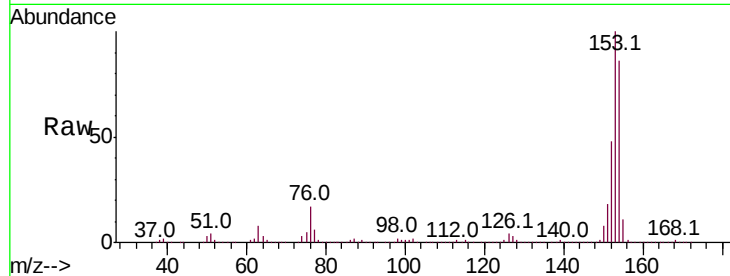
153 116.2 91.2 136.8

152 56.3 43.8 65.8

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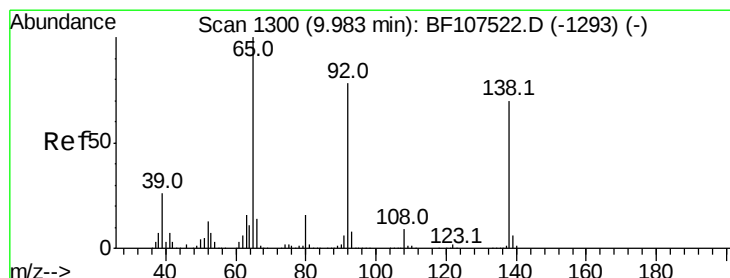
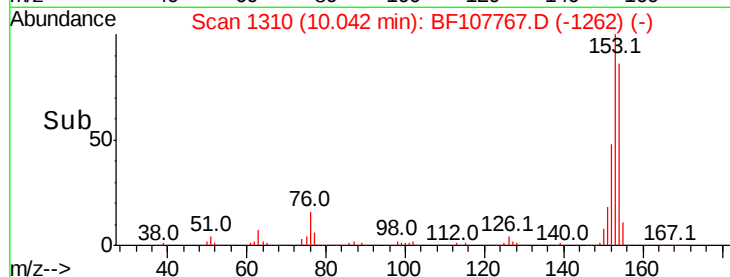
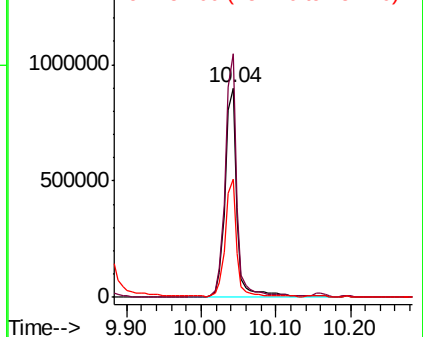
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.325 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

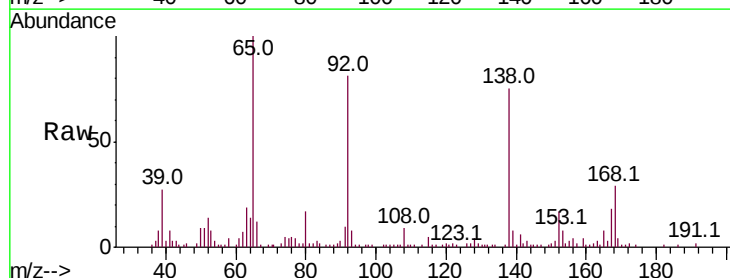
Tgt Ion:138 Resp: 95689

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

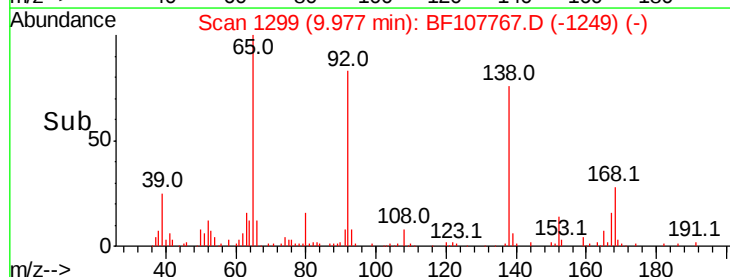
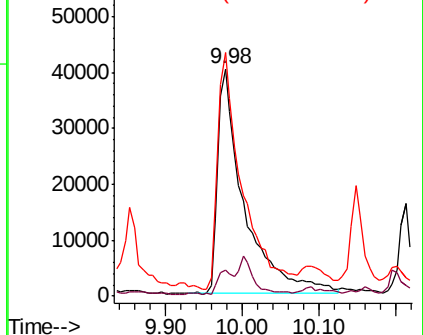
92 107.1 89.4 134.2

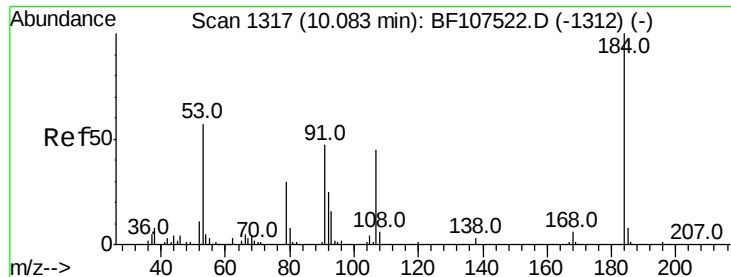


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





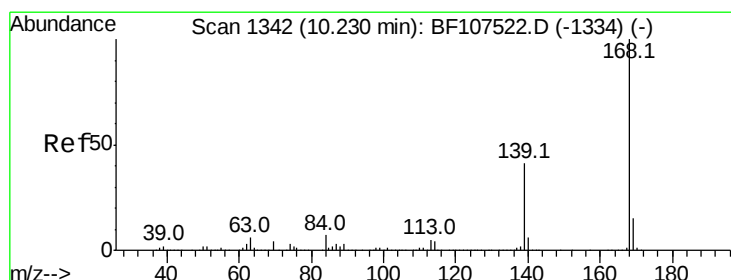
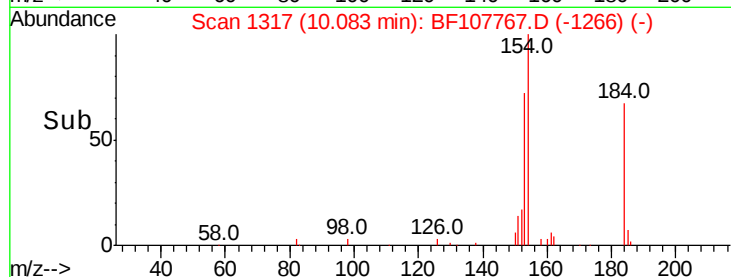
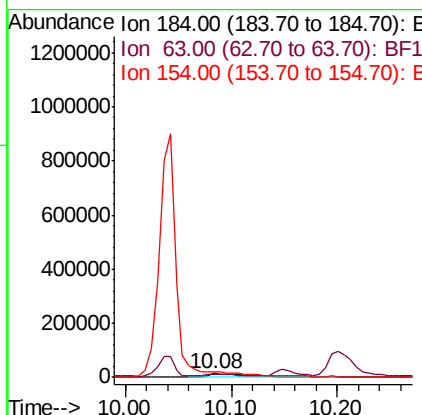
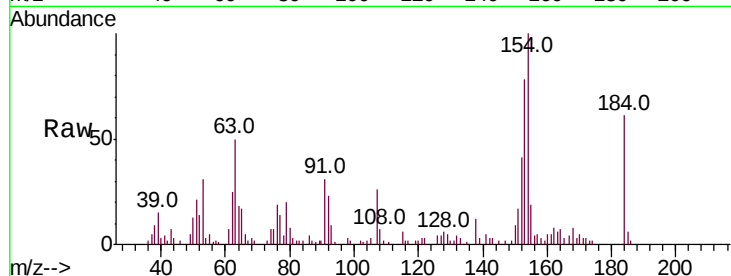
#53  
2,4-Dinitrophenol  
Concen: 31.798 ng  
RT: 10.08 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 83.3  | 54.2  | 81.2#  |
| 154     | 165.2 | 184.0 | 276.0# |

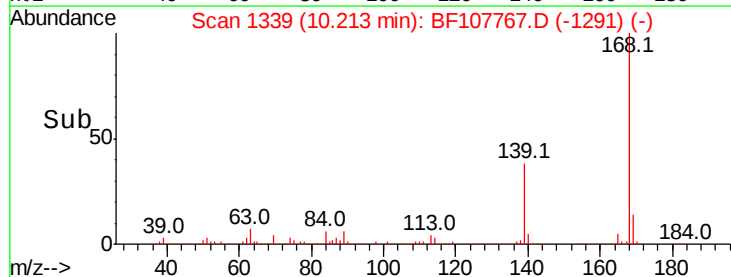
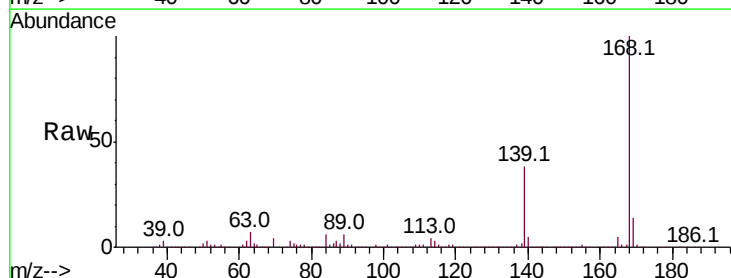
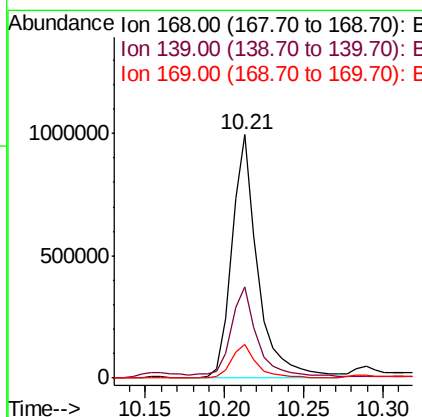
Manual Integrations  
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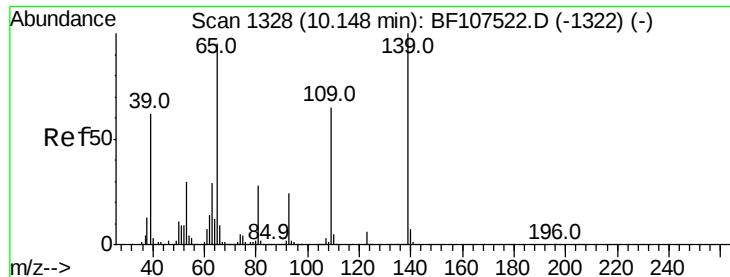
Sohil  
7/30/2018 2:03:25 PM



#54  
Dibenzofuran  
Concen: 42.539 ng  
RT: 10.21 min Scan# 1339  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.7  | 30.1  | 45.1  |
| 169     | 13.7  | 10.9  | 16.3  |





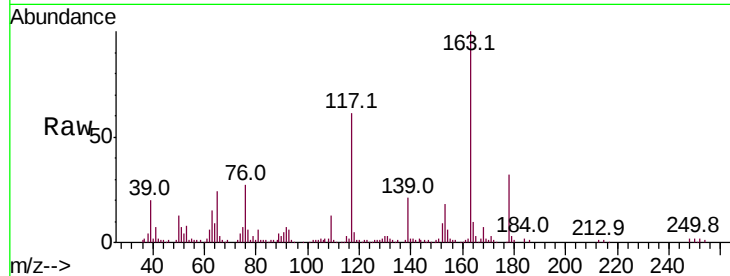
#55  
4-Nitrophenol  
Concen: 10.437 ng  
RT: 10.16 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 62.9  | 48.4  | 88.4  |
| 65      | 112.3 | 72.6  | 112.6 |

Manual Integrations  
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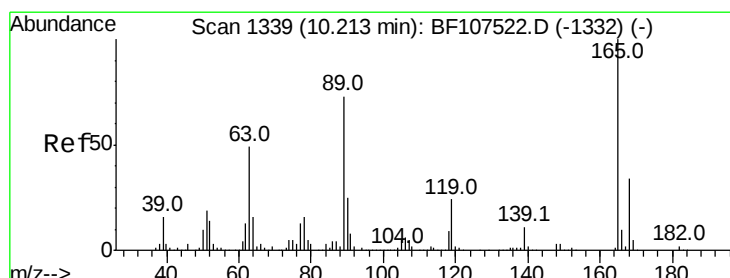
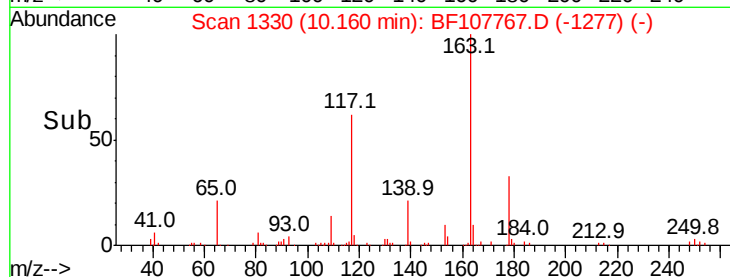
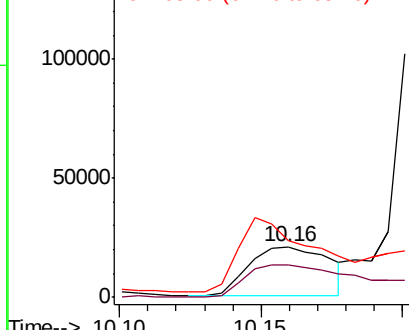


Abundance

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: 42.428 ng  
RT: 10.20 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.0  | 36.4  | 54.6# |
| 89      | 67.9  | 57.8  | 86.6  |
| 182     | 2.4   | 1.6   | 2.4   |

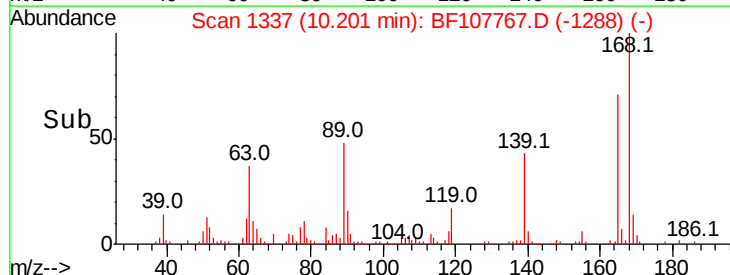
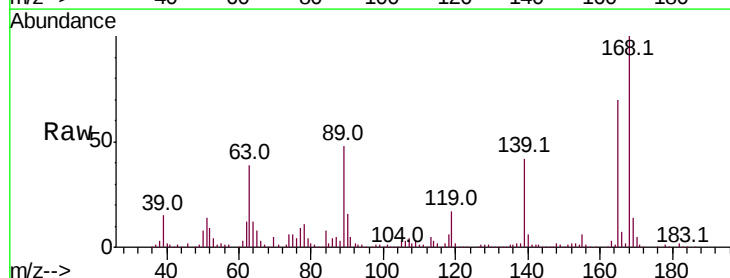
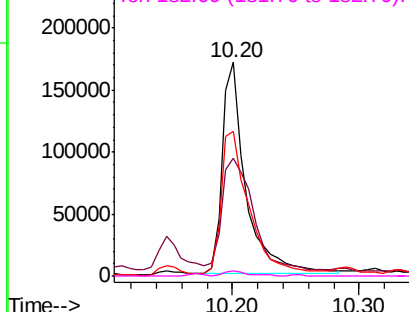
Abundance

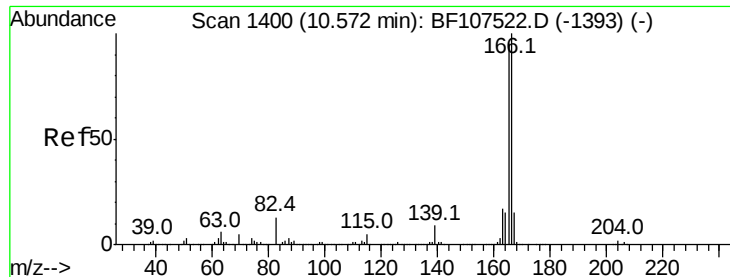
Ion 165.00 (164.70 to 165.70): E

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: 50.903 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

ClientSampleId :

MW-7BSMSD

Tot Ion:166 Resp: 961129

Ion Ratio Lower Upper

166 100

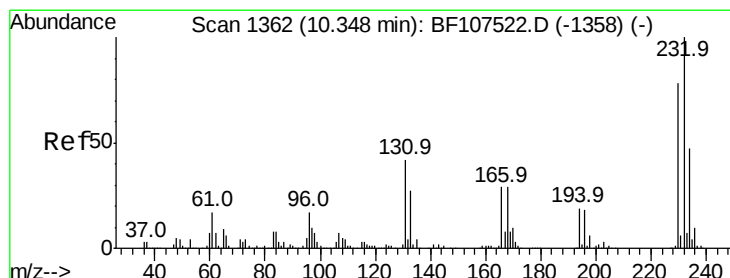
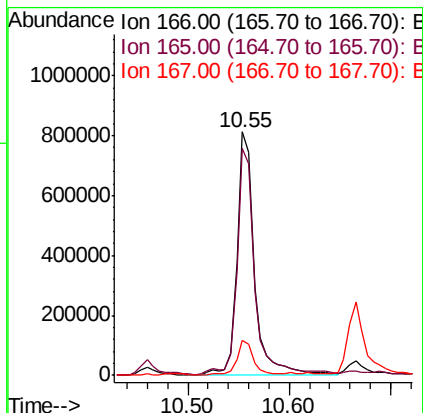
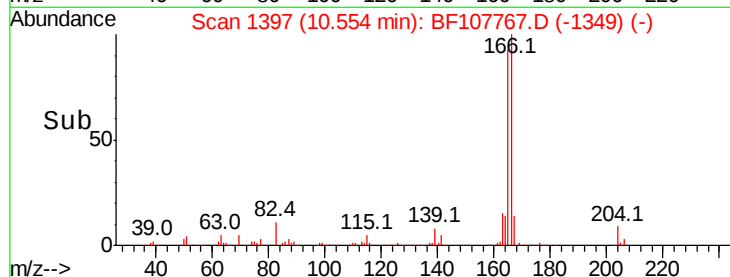
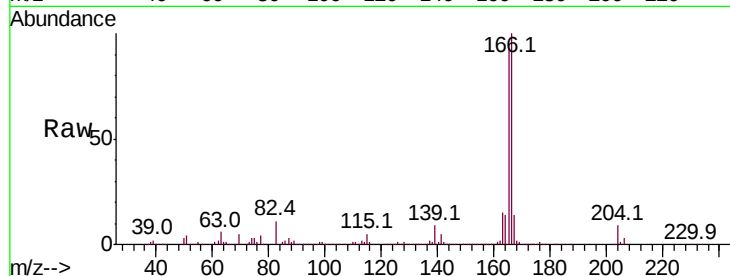
165 93.2 79.8 119.8

167 14.1 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.346 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Tgt Ion:232 Resp: 220249

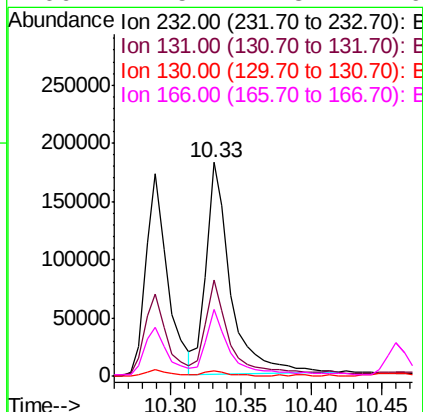
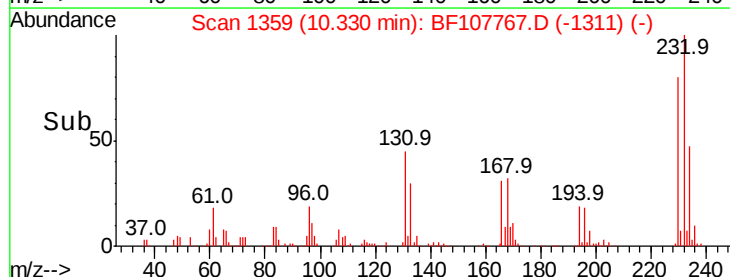
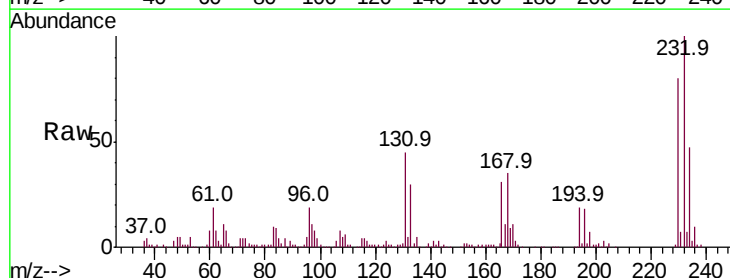
Ion Ratio Lower Upper

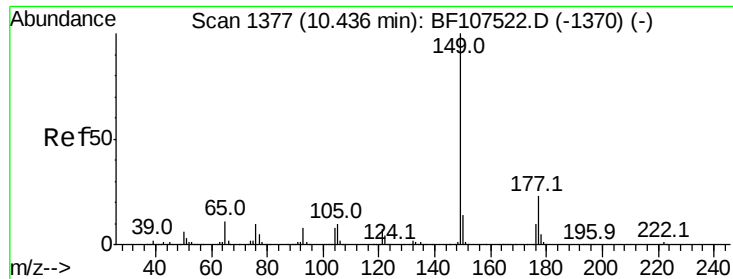
232 100

131 41.1 43.8 65.8#

130 2.1 2.1 3.1

166 27.5 27.8 41.6#





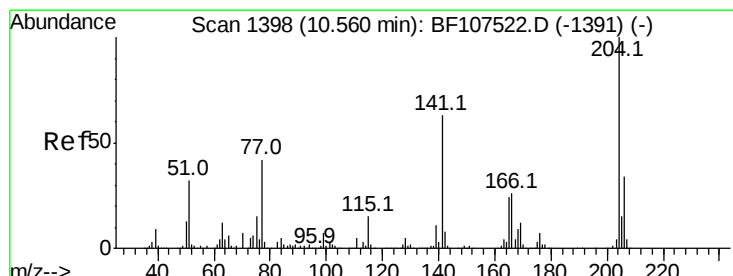
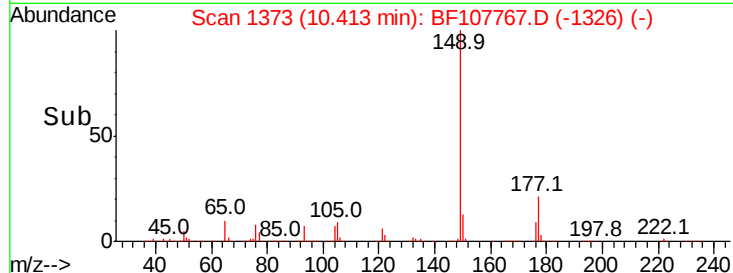
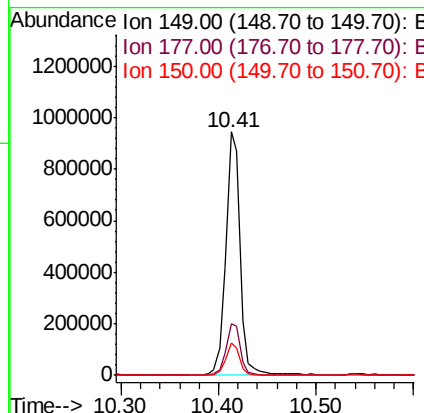
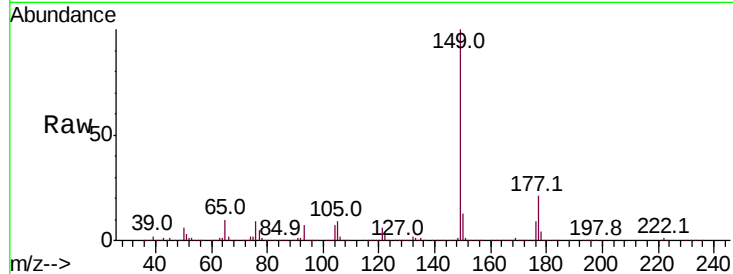
#59  
 Diethylphthalate  
 Concen: 42.882 ng  
 RT: 10.41 min Scan# 1373  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 968243 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.1  | 16.1  | 24.1   |
| 150       | 13.1  | 10.1  | 15.1   |

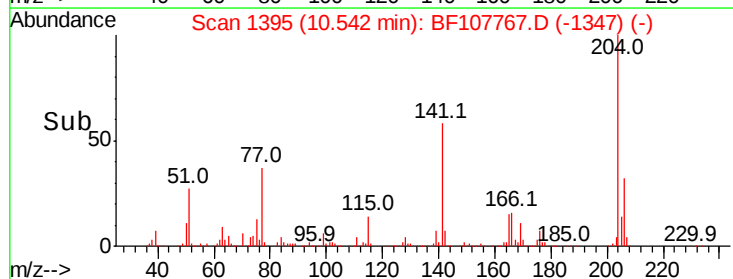
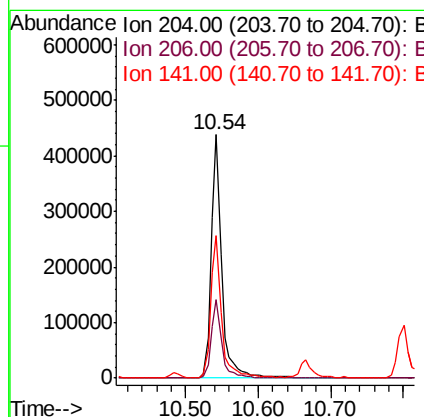
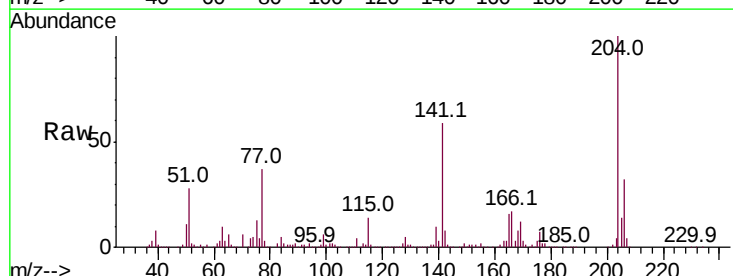
Manual Integrations  
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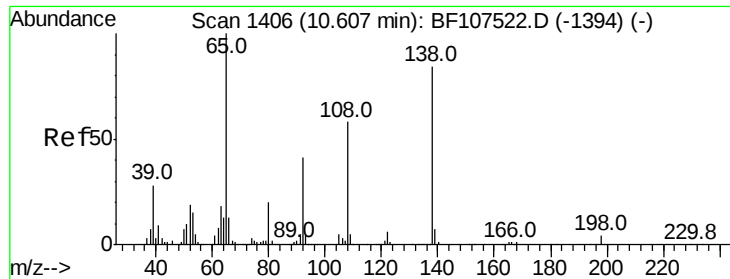
Sohil  
 7/30/2018 2:03:25 PM



#60  
 4-Chlorophenyl-phenylether  
 Concen: 41.469 ng  
 RT: 10.54 min Scan# 1395  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 442655 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.1  | 26.5  | 39.7   |
| 141       | 58.7  | 54.6  | 81.8   |





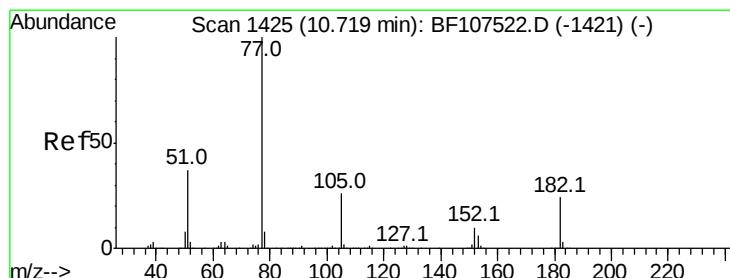
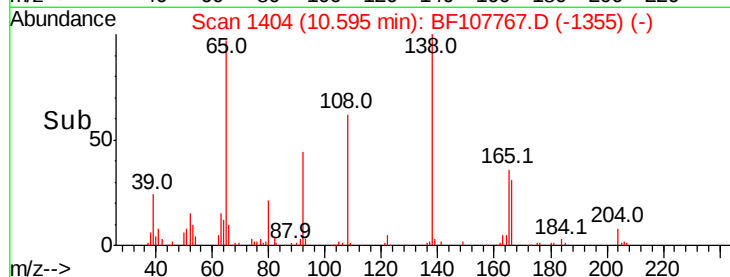
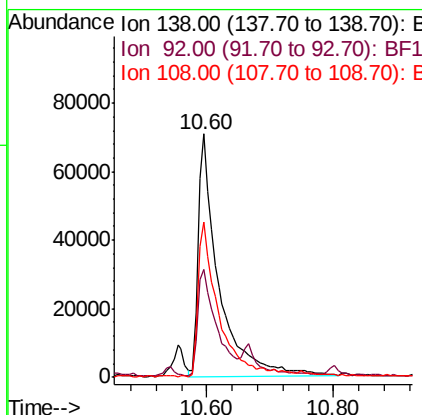
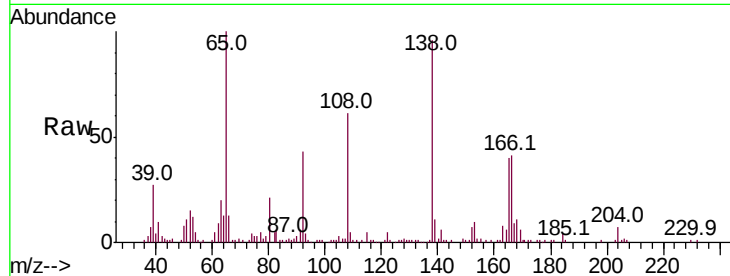
#61  
4-Nitroaniline  
Concen: 35.744 ng  
RT: 10.60 min Scan# 1404  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 44.5  | 30.2  | 70.2  |
| 108     | 63.5  | 52.5  | 92.5  |

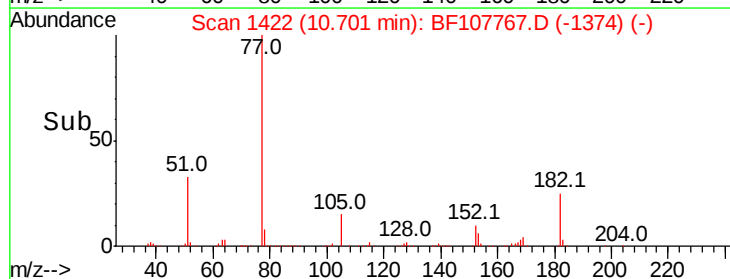
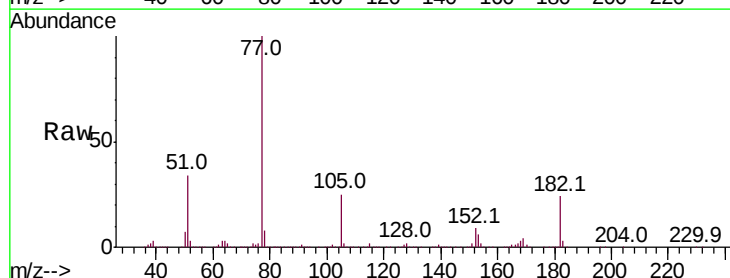
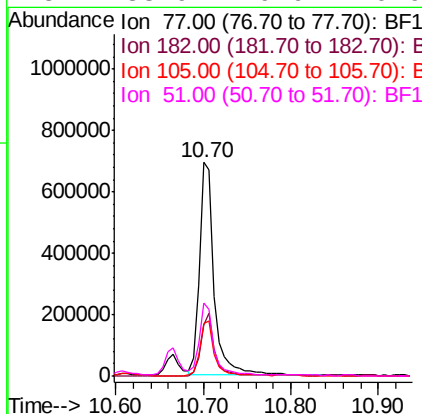
Manual Integrations  
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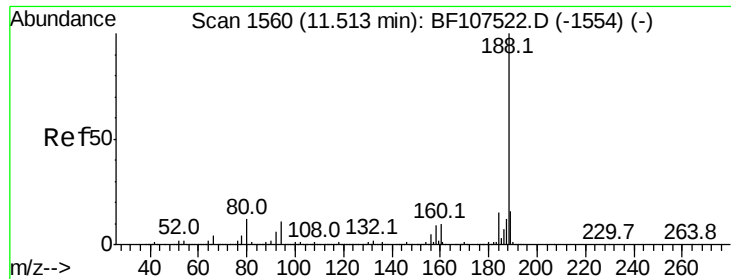
Sohil  
7/30/2018 2:03:25 PM



#62  
Azobenzene  
Concen: 38.327 ng  
RT: 10.70 min Scan# 1422  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.1  | 1.7   | 41.7  |
| 105     | 24.5  | 3.0   | 43.0  |
| 51      | 33.9  | 9.9   | 49.9  |





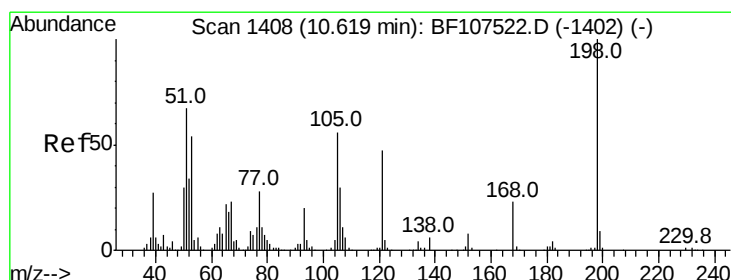
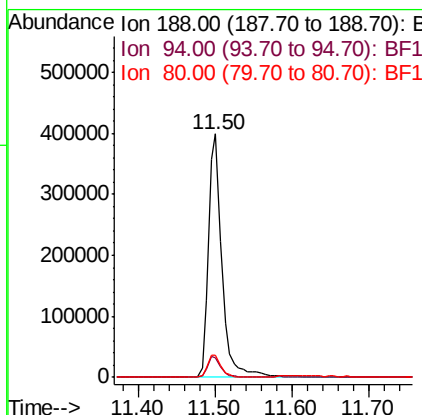
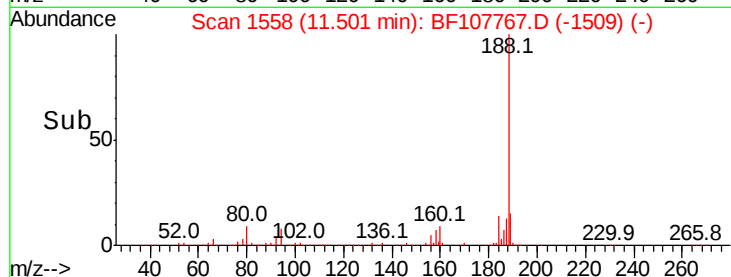
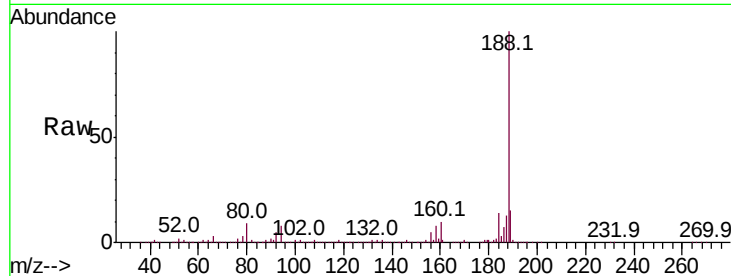
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1558  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 483419 |       |       |
| 94      | 8.1   |        | 8.5   | 12.7# |
| 80      | 9.4   |        | 9.2   | 13.8  |

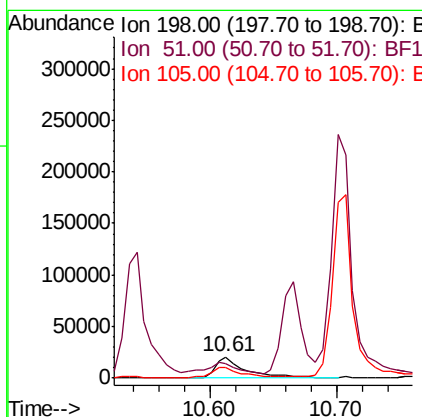
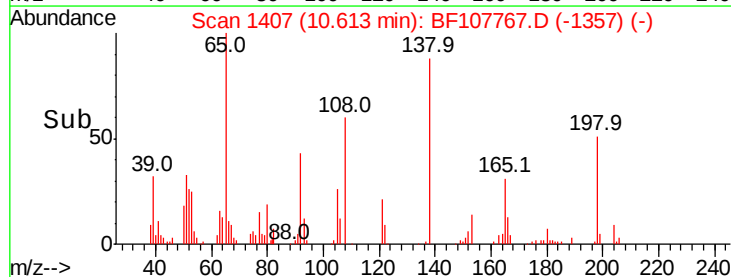
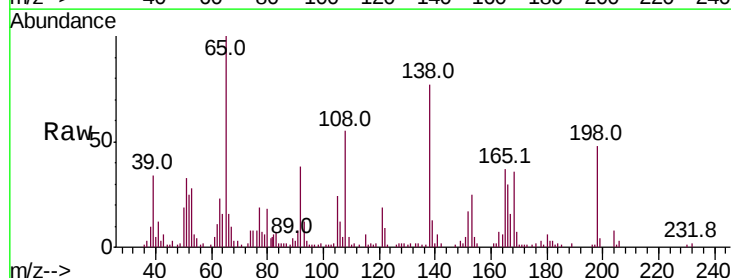
Manual Integrations  
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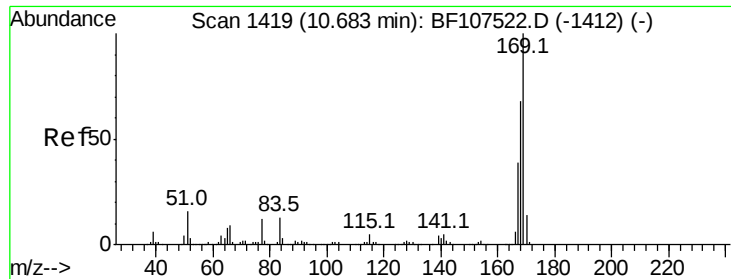
Sohil  
7/30/2018 2:03:25 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 20.636 ng  
RT: 10.61 min Scan# 1407  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 34059 |       |       |
| 51      | 69.5  |       | 37.7  | 77.7  |
| 105     | 50.0  |       | 36.3  | 76.3  |





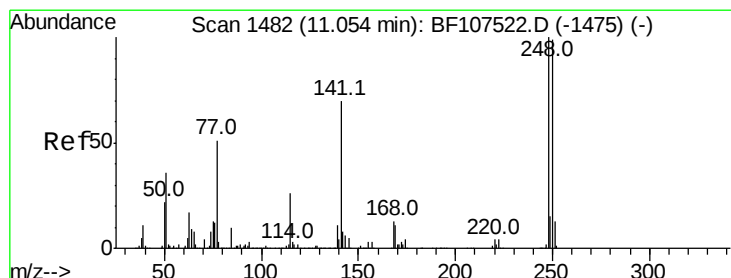
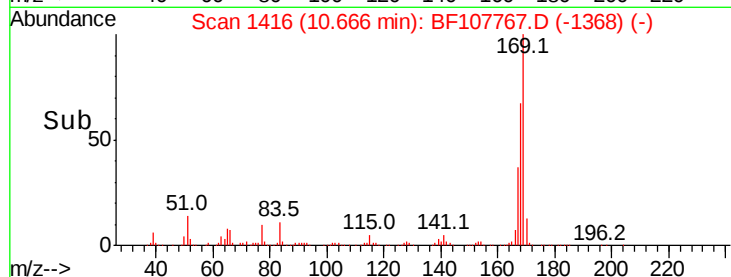
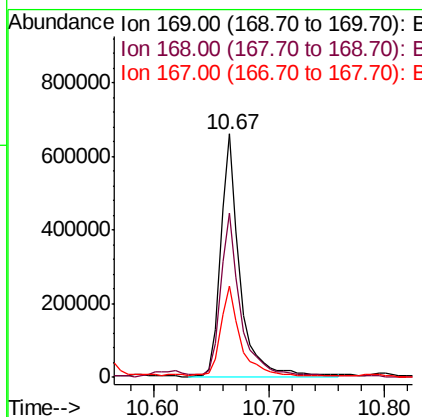
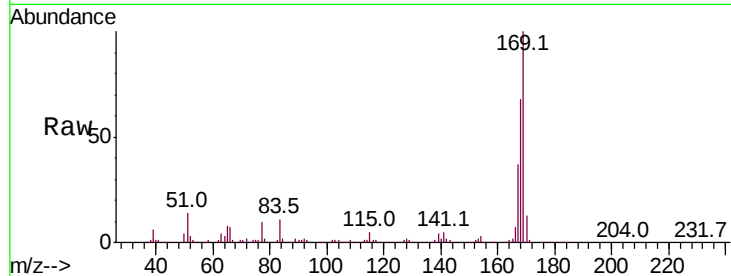
#65  
 n-Nitrosodiphenylamine  
 Concen: 45.635 ng  
 RT: 10.67 min Scan# 1416  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 749237 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.6  | 54.4  | 81.6   |
| 167       | 37.3  | 29.8  | 44.6   |

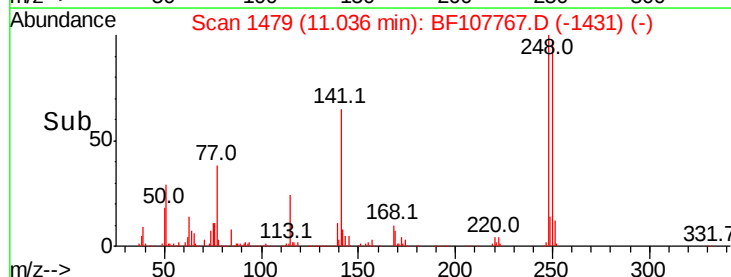
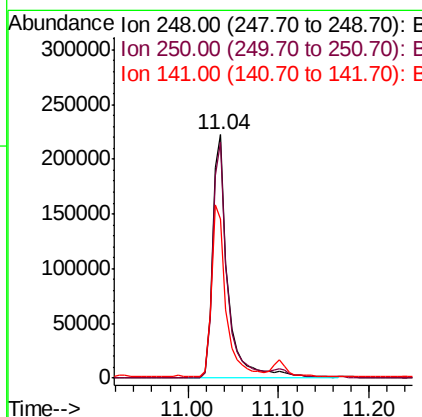
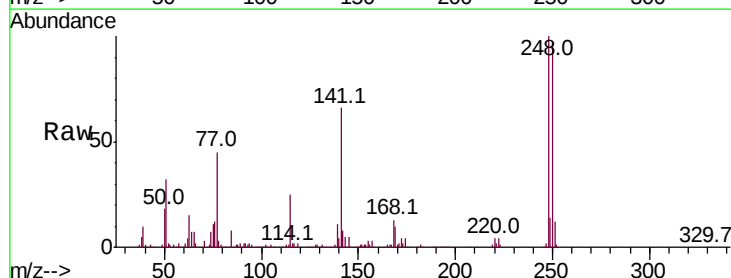
Manual Integrations  
 APPROVED

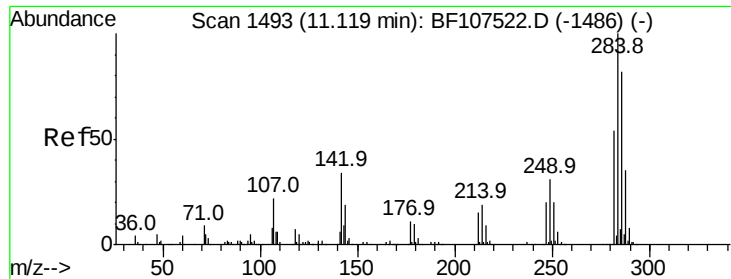
Sohil  
 7/30/2018 2:03:25 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 46.122 ng  
 RT: 11.04 min Scan# 1479  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 262465 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.8  | 76.9  | 115.3  |
| 141       | 65.6  | 74.4  | 111.6# |





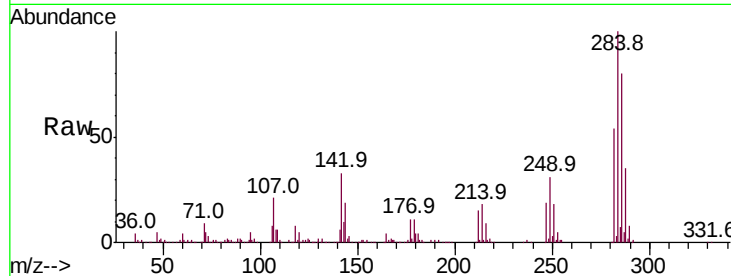
#67  
Hexachlorobenzene  
Concen: 41.817 ng  
RT: 11.10 min Scan# 1490  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

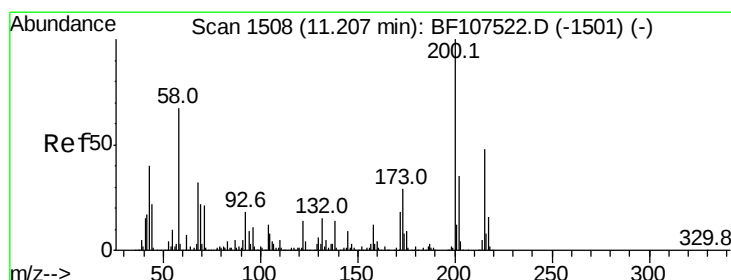
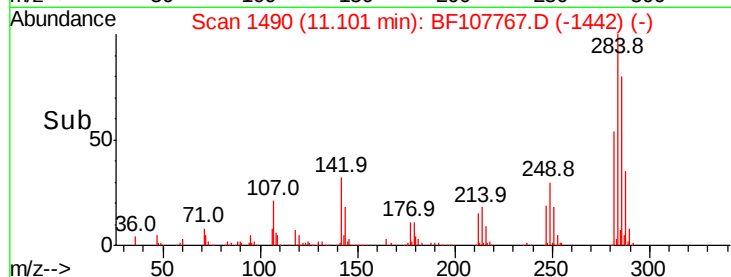
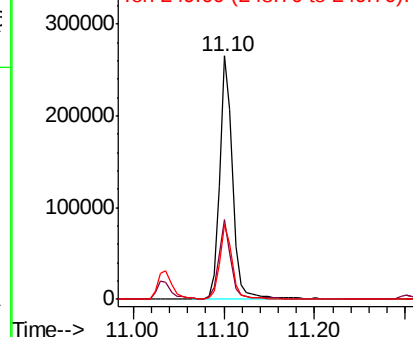
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 261835 |       |       |
| 142     | 32.8  | 34.6   | 52.0  |       |
| 249     | 30.8  | 24.8   | 37.2  |       |

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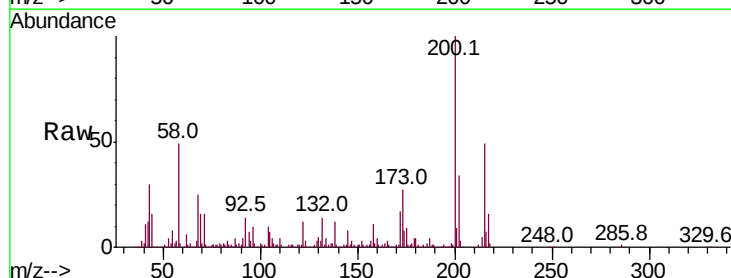


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

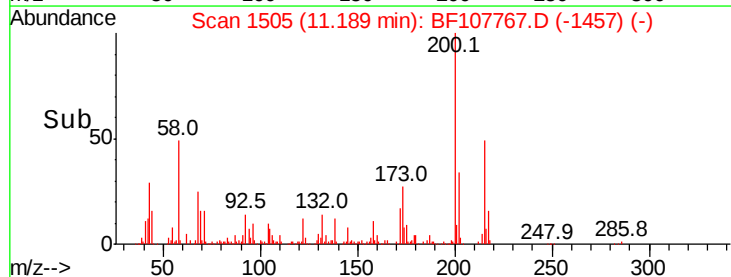
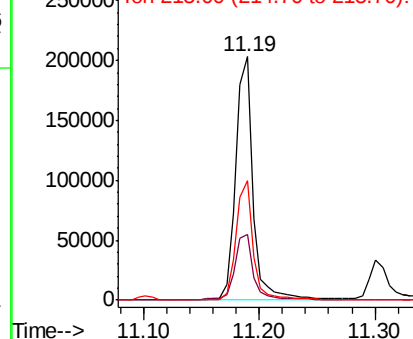


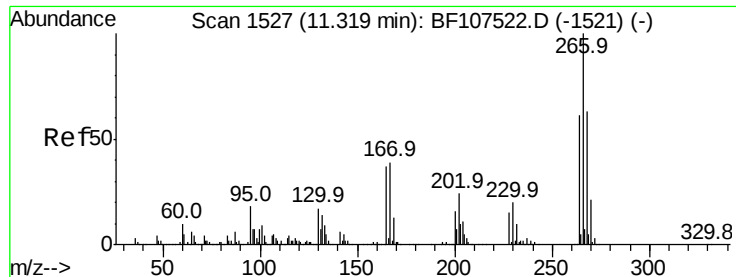
#68  
Atrazine  
Concen: 42.353 ng  
RT: 11.19 min Scan# 1505  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 212308 |       |       |
| 173     | 27.2  | 8.6    | 48.6  |       |
| 215     | 49.0  | 25.1   | 65.1  |       |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





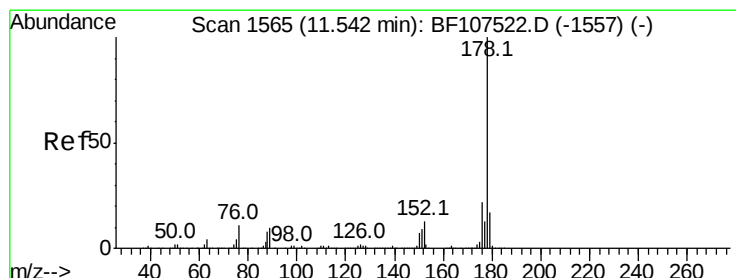
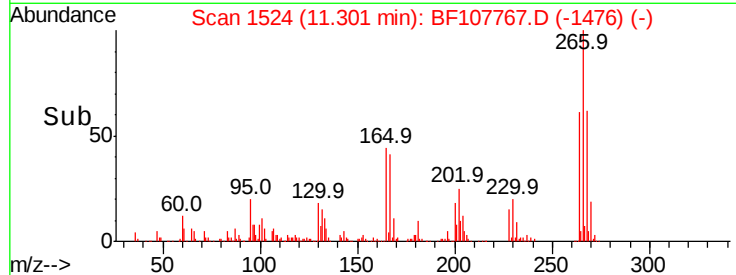
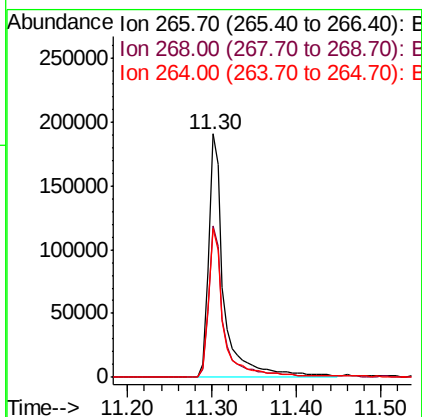
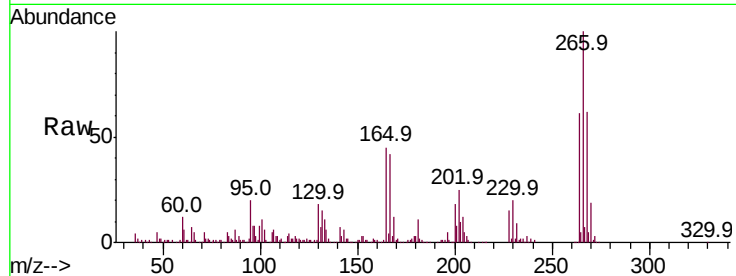
#69  
 Pentachlorophenol  
 Concen: 62.925 ng  
 RT: 11.30 min Scan# 1524  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 246099 |       |       |
| 268     | 62.0  |        | 51.1  | 76.7  |
| 264     | 61.3  |        | 49.5  | 74.3  |

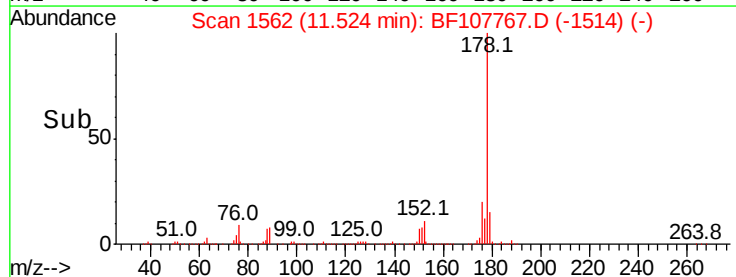
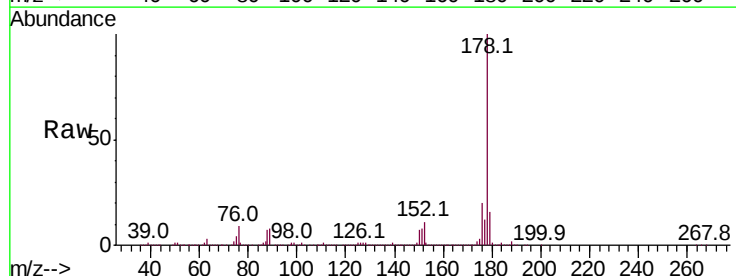
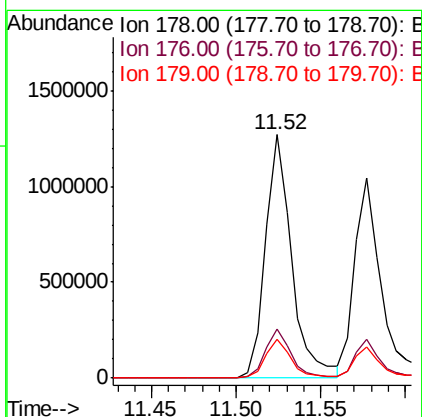
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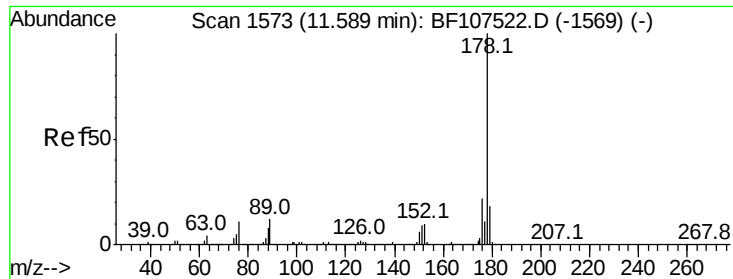
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#70  
 Phenanthrene  
 Concen: 58.187 ng  
 RT: 11.52 min Scan# 1562  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1370728 |       |       |
| 176     | 20.0  |         | 15.8  | 23.8  |
| 179     | 16.1  |         | 13.0  | 19.6  |





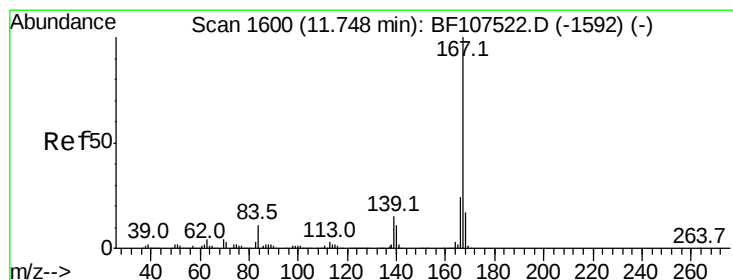
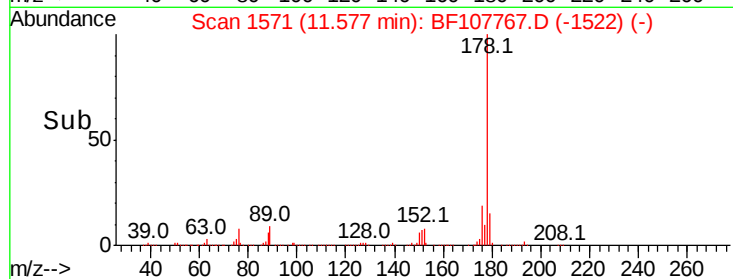
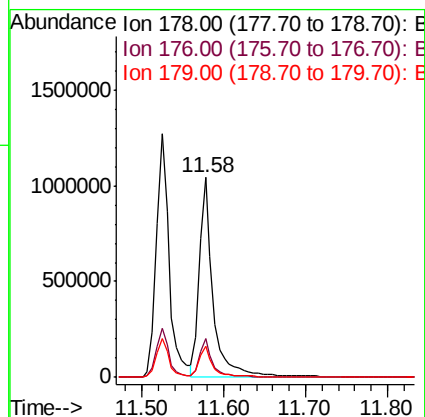
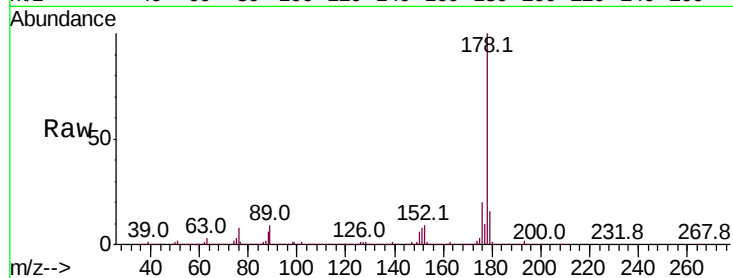
#71  
 Anthracene  
 Concen: 51.649 ng  
 RT: 11.58 min Scan# 1571  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

Tot Ion:178 Resp: 1225029  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.4 23.2  
 179 15.8 12.6 19.0

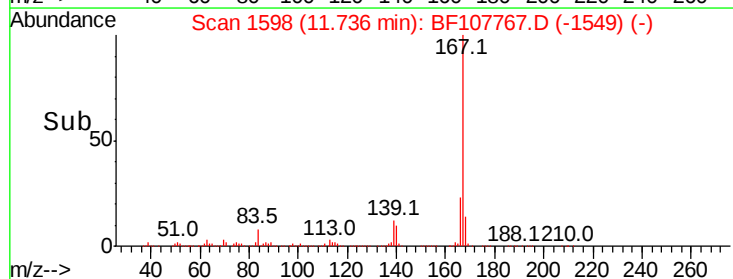
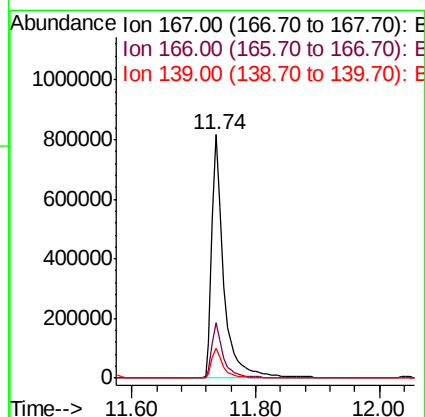
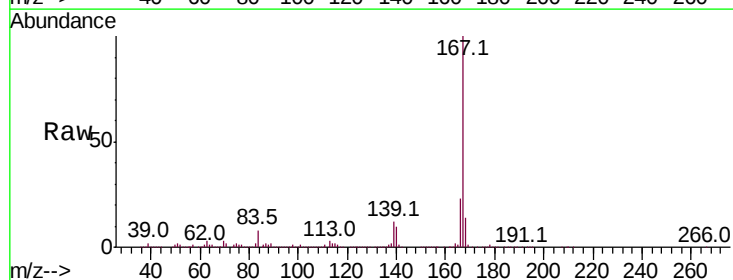
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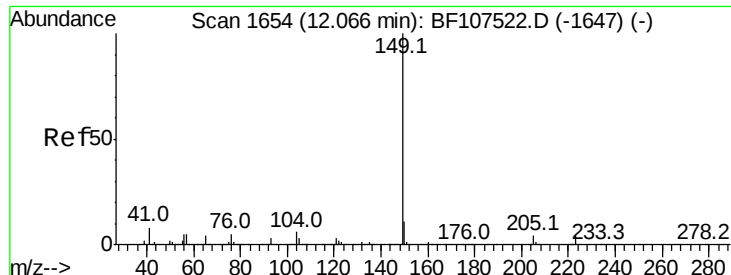
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#72  
 Carbazole  
 Concen: 43.972 ng  
 RT: 11.74 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Tgt Ion:167 Resp: 1084548  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 17.6 26.4  
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 53.520 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

ClientSampleId :

MW-7BSMSD

Tot Ion:149 Resp: 1283854

Ion Ratio Lower Upper

149 100

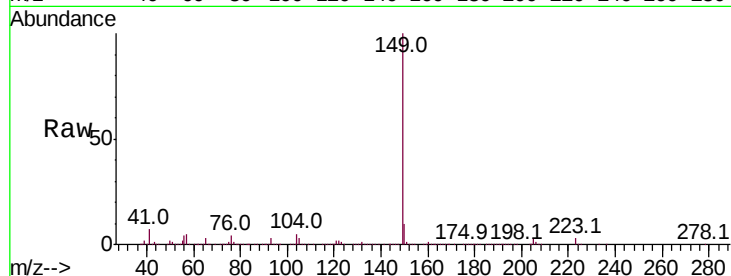
150 9.7 7.8 11.6

104 4.6 3.8 5.8

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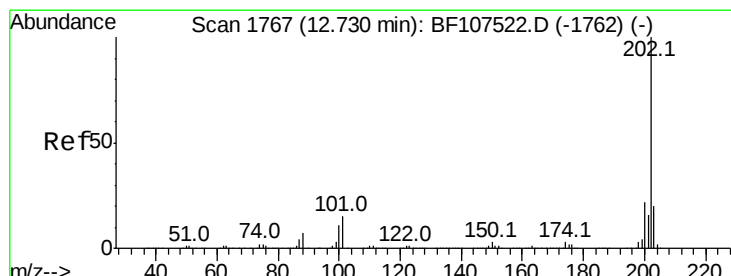
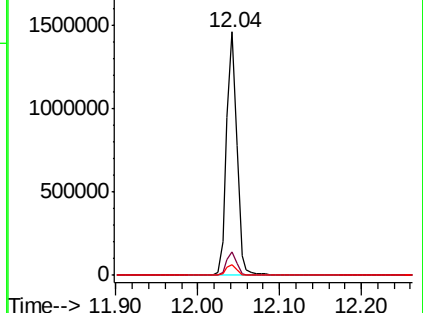
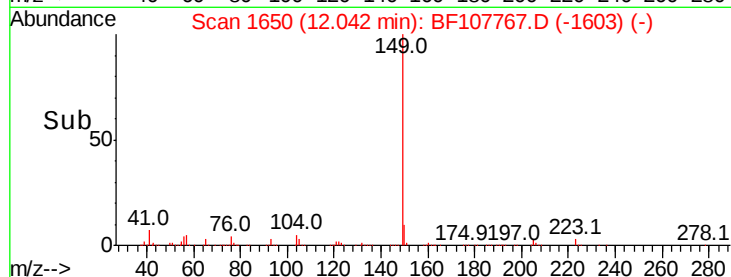
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Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.229 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

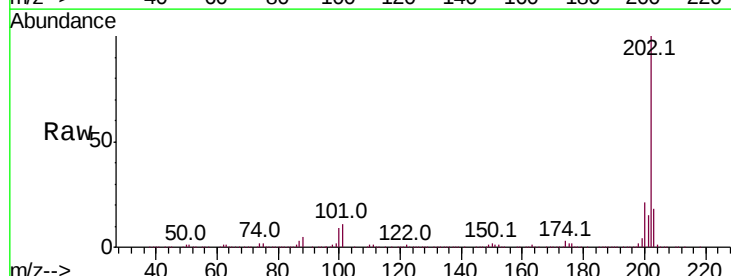
Tgt Ion:202 Resp: 1269708

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

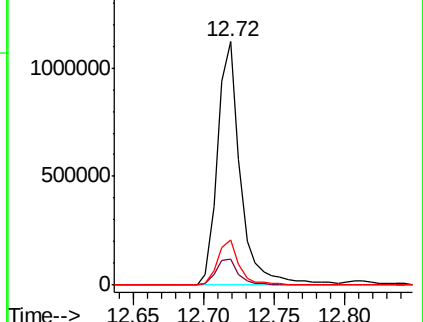
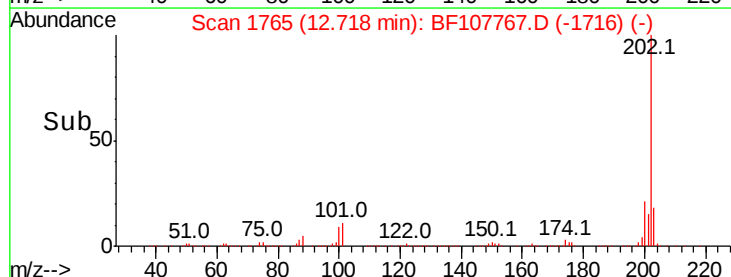
203 18.3 0.0 38.1

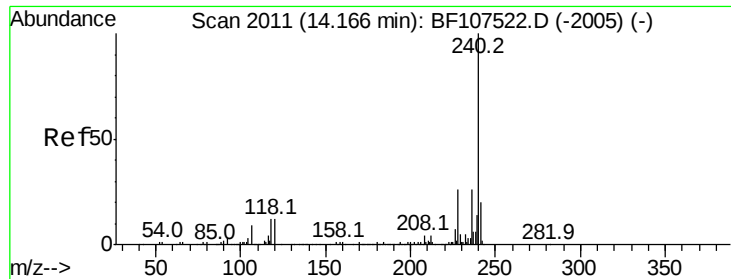


Abundance Ion 202.00 (201.70 to 202.70): E

1500000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

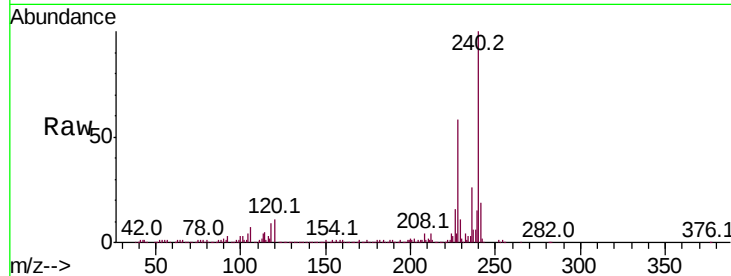
ClientSampleId :

MW-7BSMSD

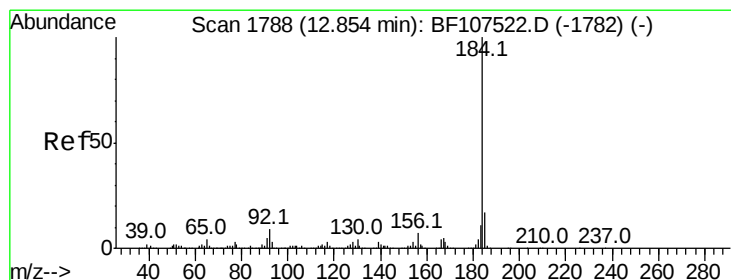
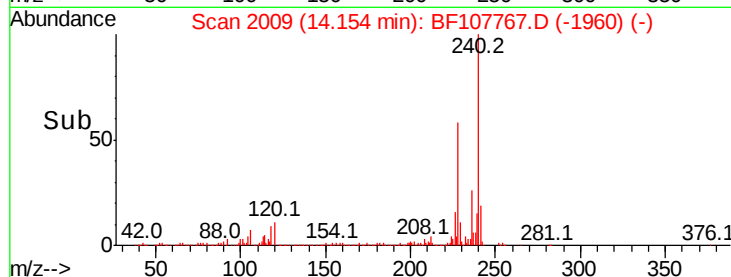
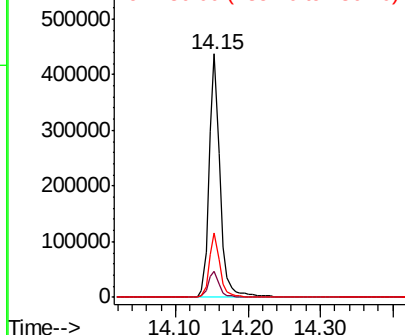
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 456151 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.7  | 9.5   | 14.3   |
| 236       | 26.4  | 20.7  | 31.1   |

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



#76

Benzidine

Concen: 44.476 ng

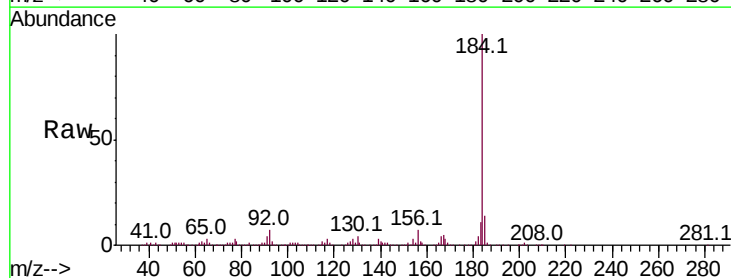
RT: 12.85 min Scan# 1787

Delta R.T. -0.01 min

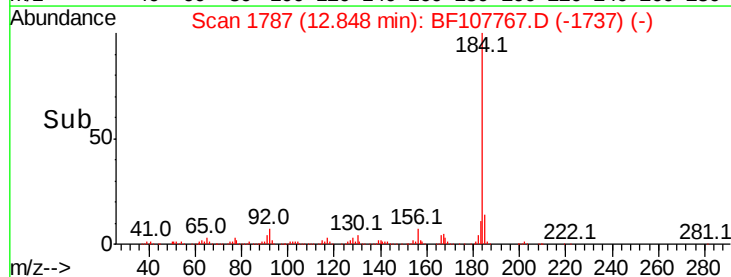
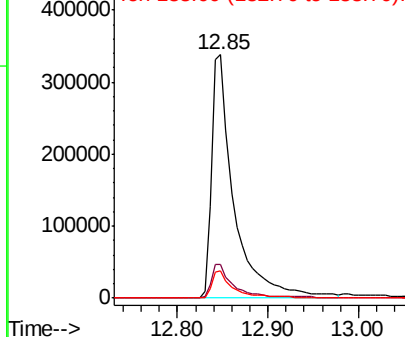
Lab File: BF107767.D

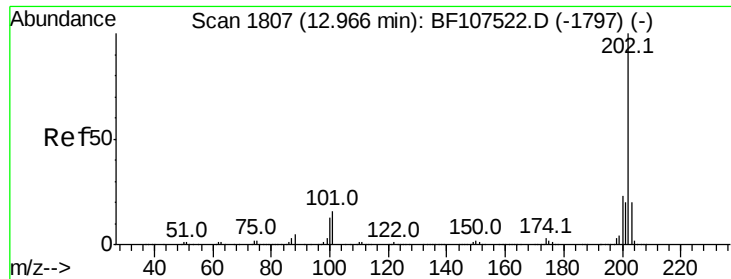
Acq: 28 Jul 2018 00:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 584251 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.8  | 12.6  | 18.8   |
| 183       | 11.1  | 9.3   | 13.9   |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.166 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

Instrument :

BNA\_F

ClientSampleId :

MW-7BSMSD

Tot Ion:202 Resp: 1315632

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

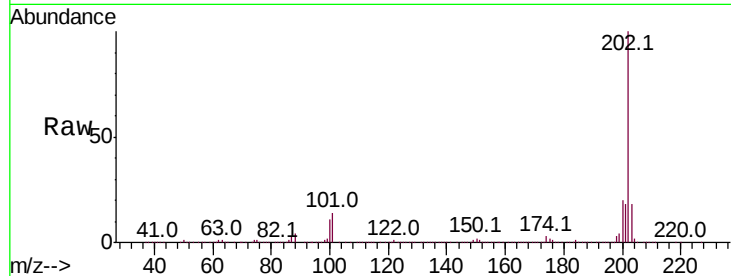
203 18.2 14.3 21.5

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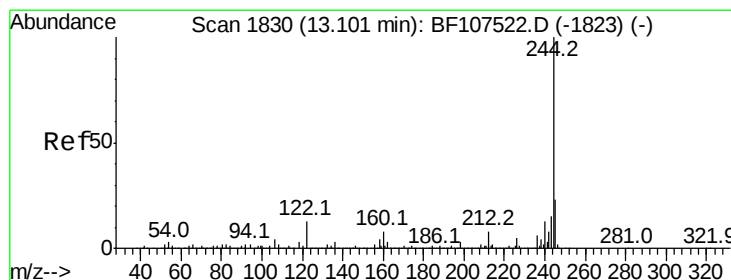
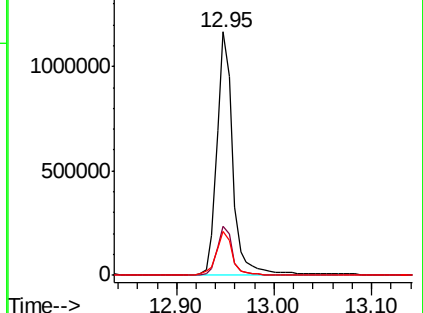
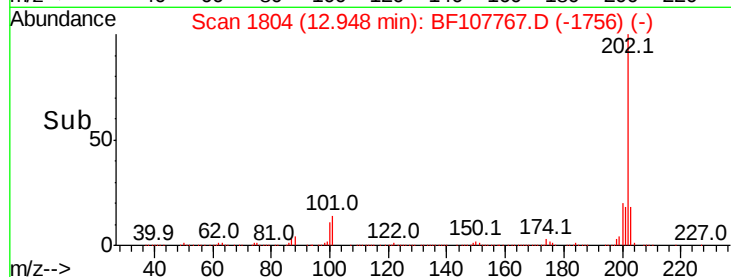
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.892 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107767.D

Acq: 28 Jul 2018 00:52

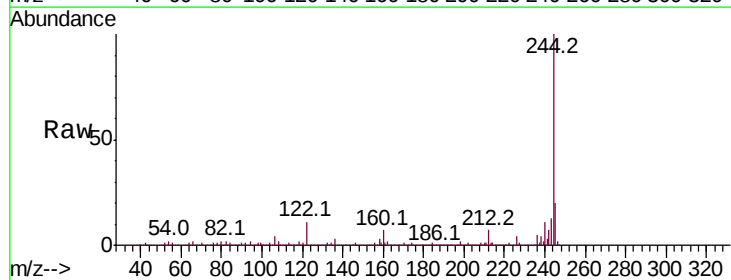
Tgt Ion:244 Resp: 1655131

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

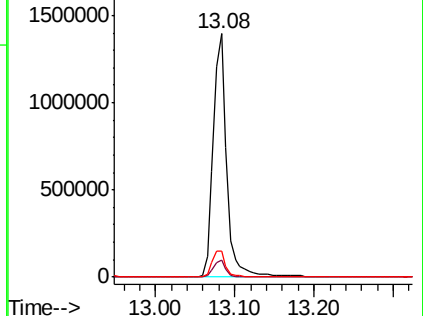
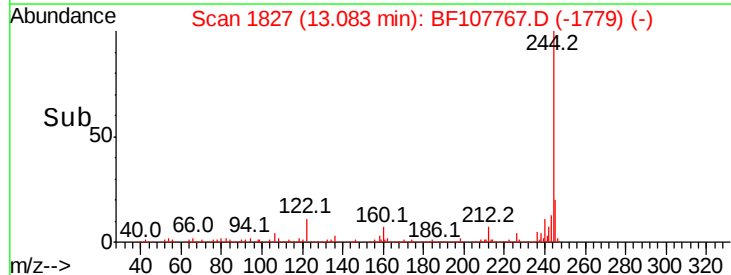
122 10.8 11.0 16.4#

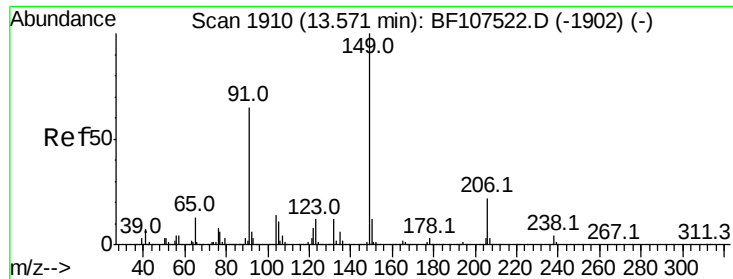


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





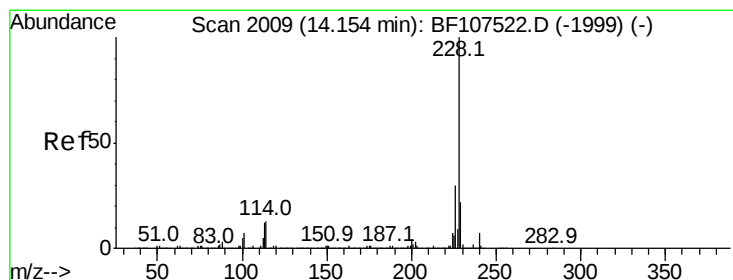
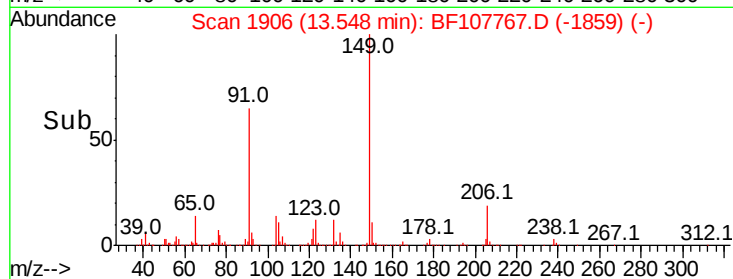
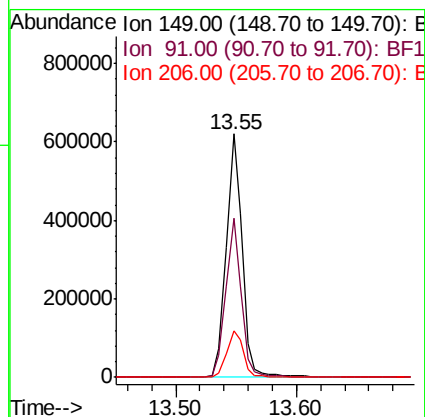
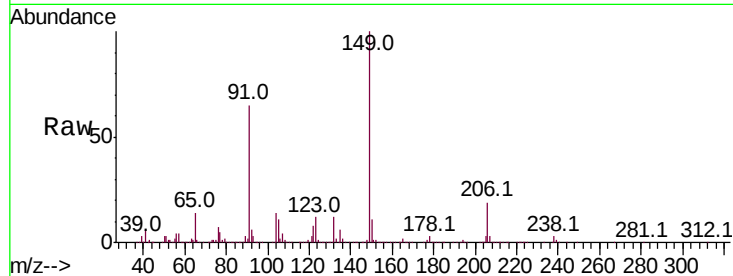
#79  
Butylbenzylphthalate  
Concen: 42.253 ng  
RT: 13.55 min Scan# 1906  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.4  | 56.8  | 85.2  |
| 206     | 19.1  | 14.1  | 21.1  |

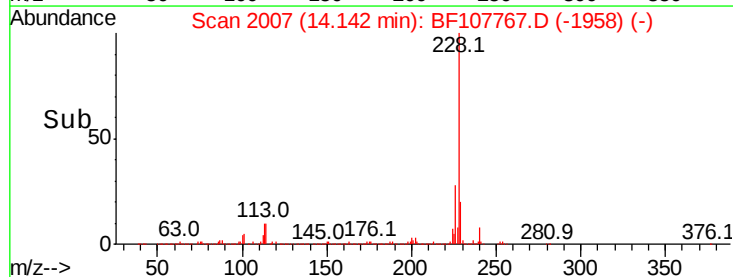
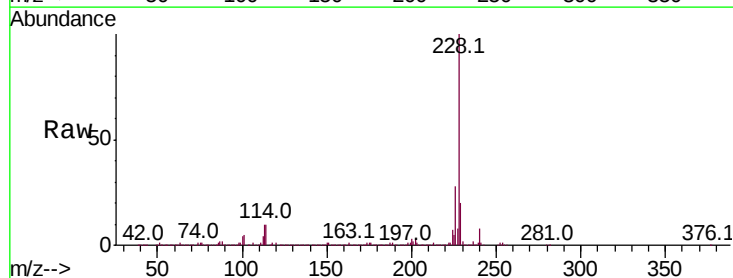
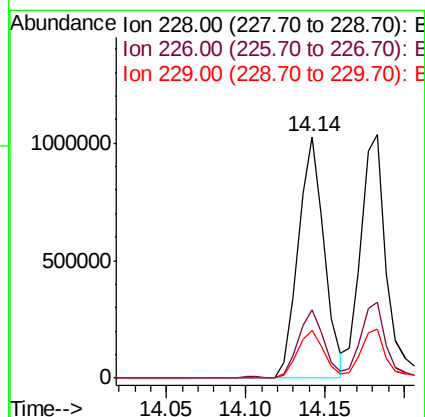
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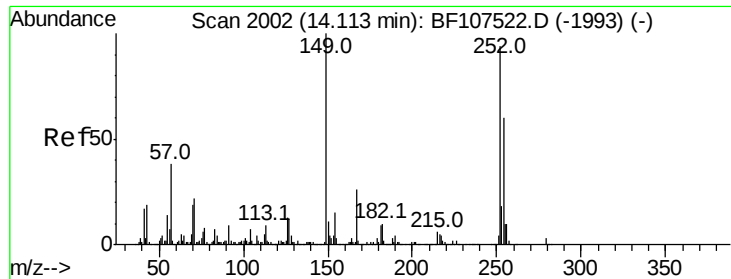
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#80  
Benzo(a)anthracene  
Concen: 43.387 ng  
RT: 14.14 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.3  | 22.6  | 33.8  |
| 229     | 19.8  | 15.8  | 23.6  |





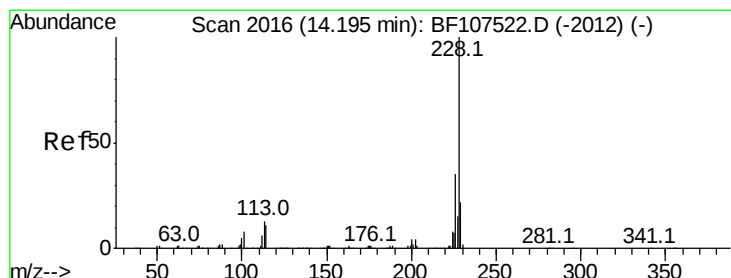
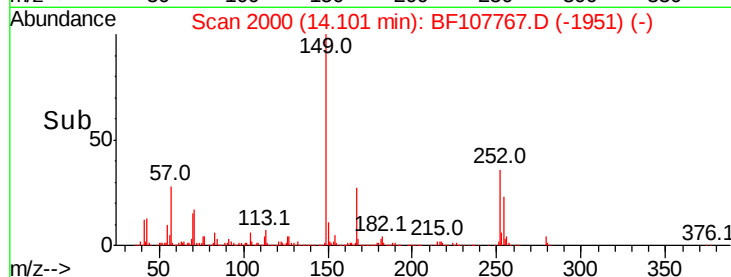
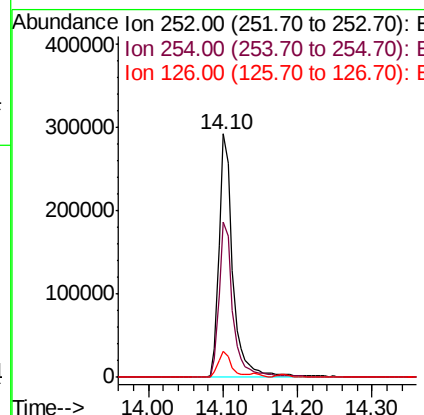
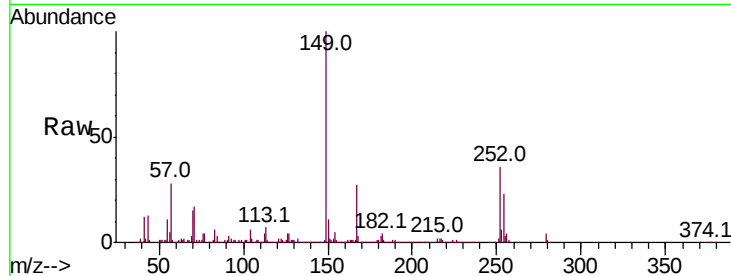
#81  
 3,3'-Dichlorobenzidine  
 Concen: 48.342 ng  
 RT: 14.10 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.7  | 50.4  | 75.6  |
| 126     | 10.7  | 11.3  | 16.9  |

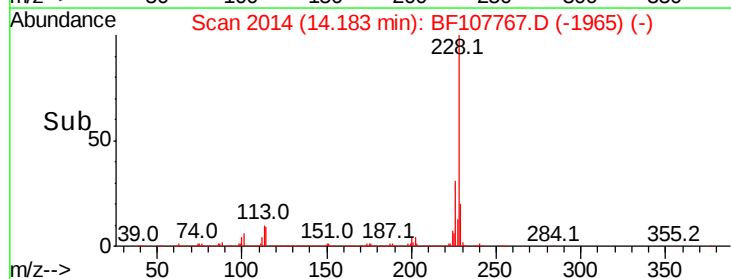
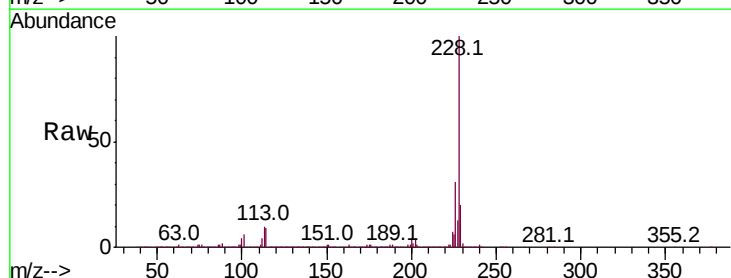
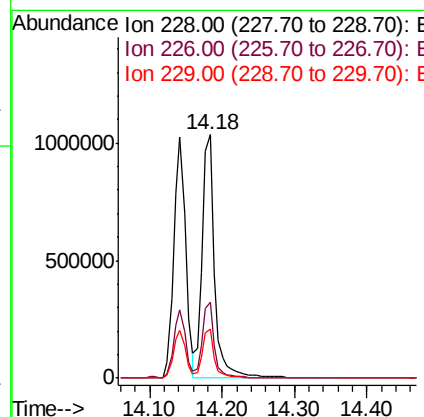
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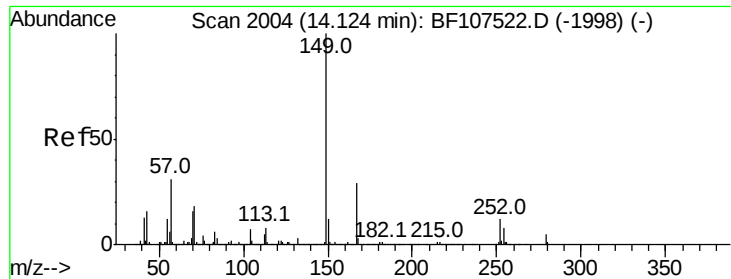
Sohil  
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#82  
 Chrysene  
 Concen: 48.167 ng  
 RT: 14.18 min Scan# 2014  
 Delta R.T. -0.01 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.4  | 25.0  | 37.6  |
| 229     | 20.3  | 16.2  | 24.4  |





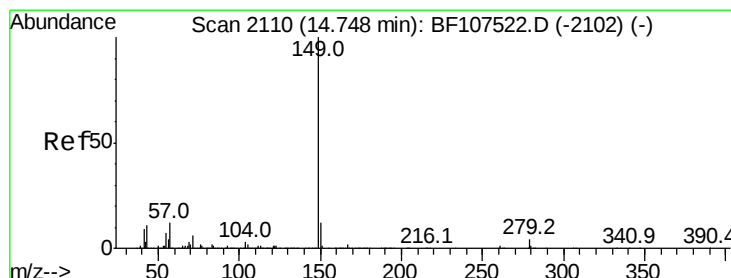
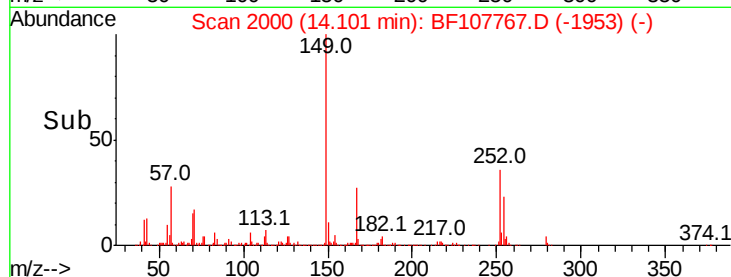
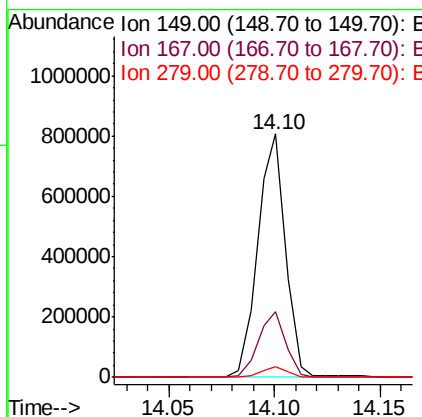
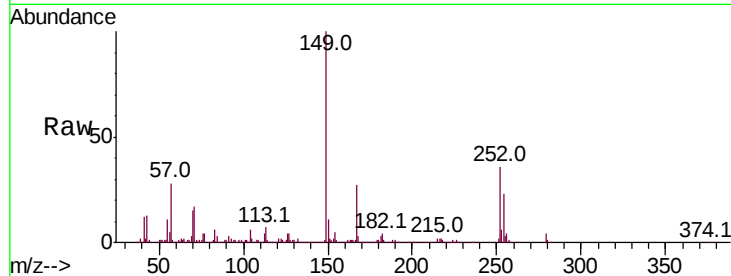
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.844 ng  
 RT: 14.10 min Scan# 2000  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.9  | 21.3  | 31.9  |
| 279     | 4.1   | 3.0   | 4.4   |

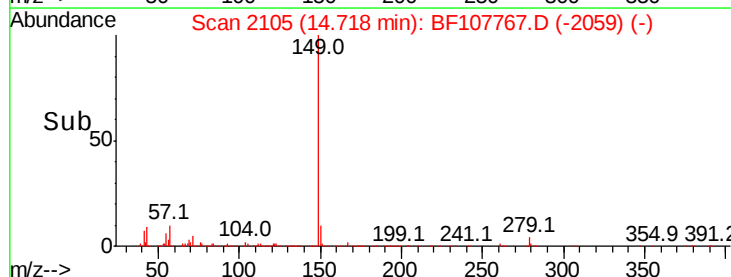
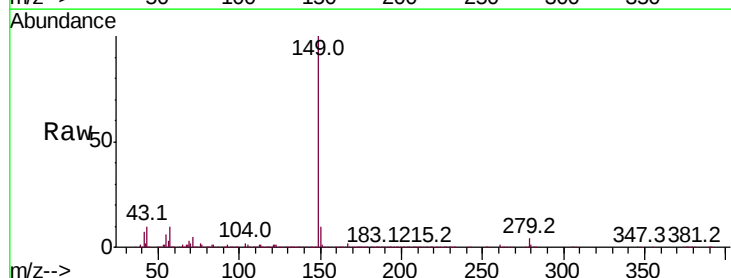
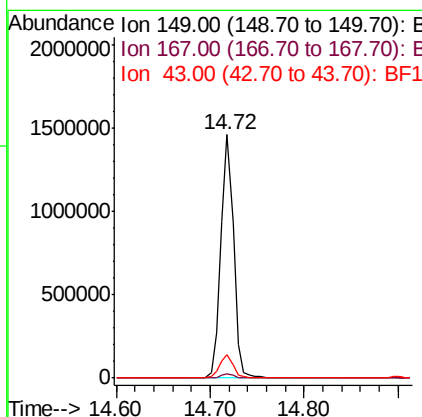
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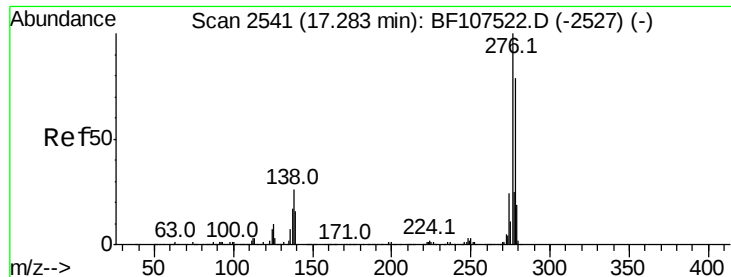
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#84  
 Di-n-octyl phthalate  
 Concen: 47.267 ng  
 RT: 14.72 min Scan# 2105  
 Delta R.T. -0.03 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 9.6   | 8.4   | 12.6  |





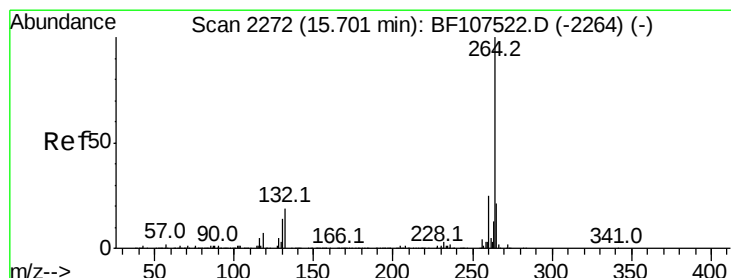
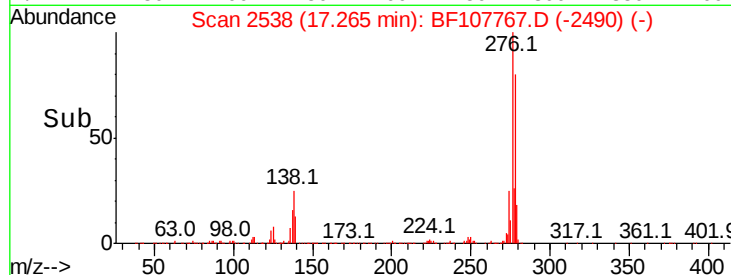
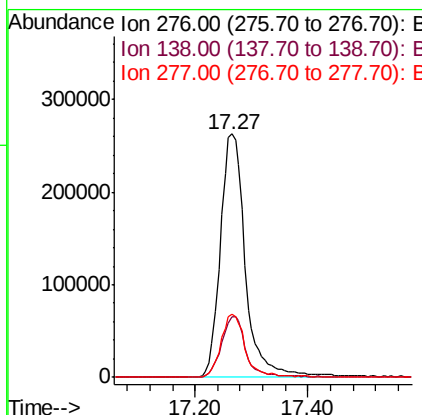
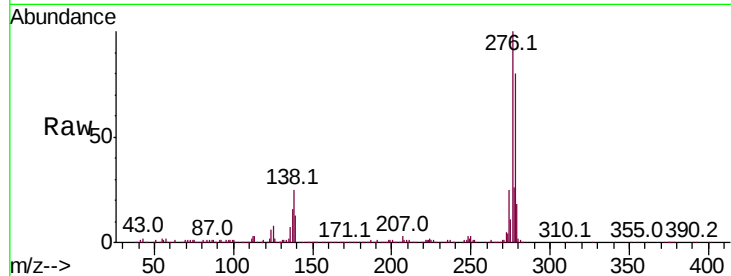
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 37.485 ng  
RT: 17.27 min Scan# 2538  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.4  | 25.0  | 37.6# |
| 277     | 24.9  | 20.1  | 30.1  |

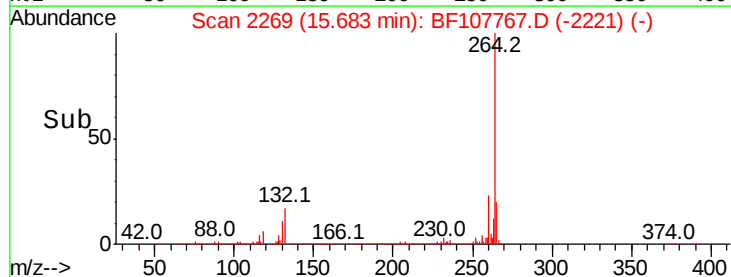
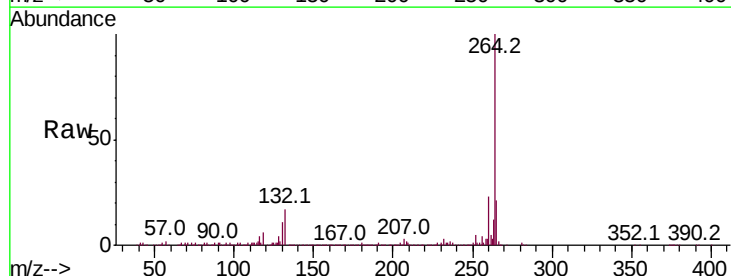
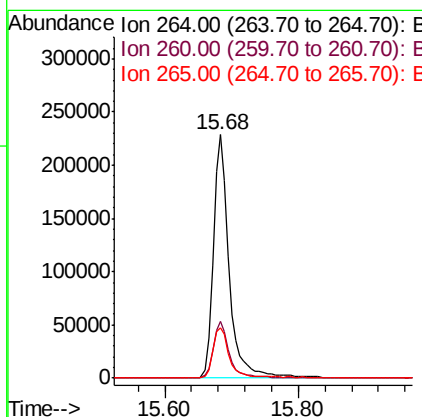
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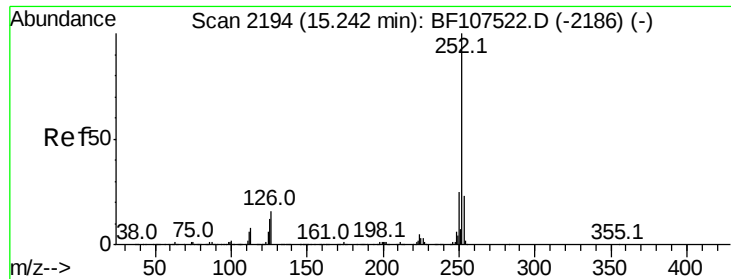
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2269  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 19.2  | 28.8  |
| 265     | 20.6  | 17.5  | 26.3  |





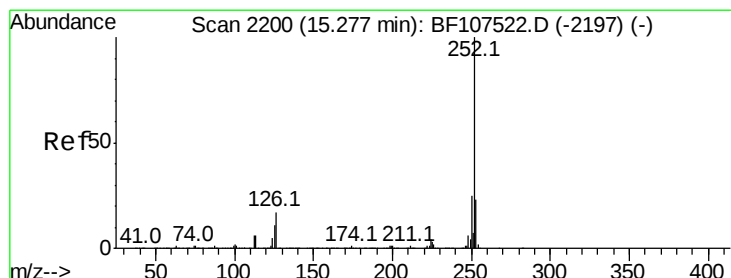
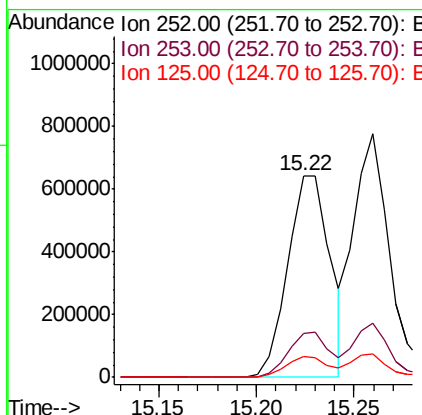
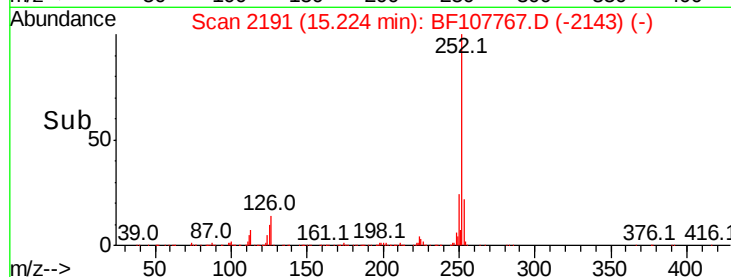
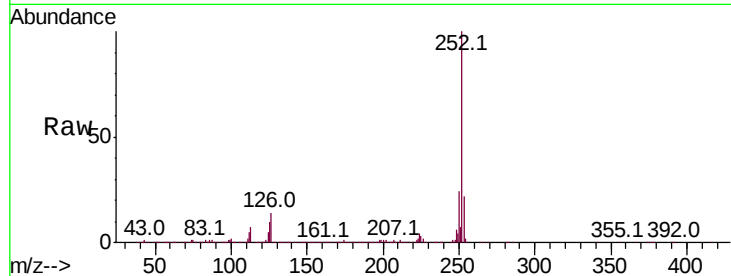
#87  
Benzo(b)fluoranthene  
Concen: 46.377 ng  
RT: 15.22 min Scan# 2191  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.6  |
| 125     | 10.3  | 9.0   | 13.6  |

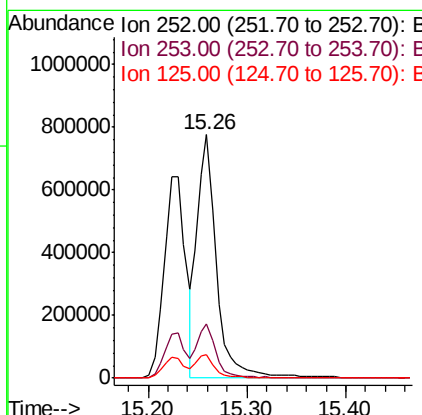
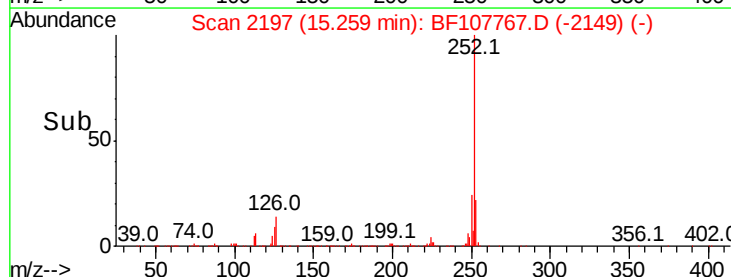
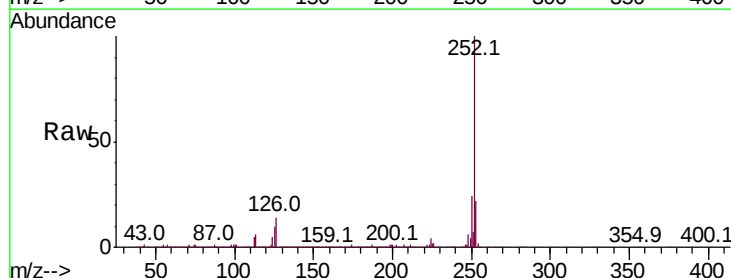
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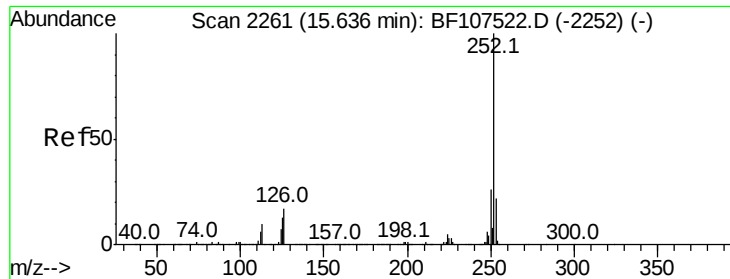
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#88  
Benzo(k)fluoranthene  
Concen: 52.240 ng m  
RT: 15.26 min Scan# 2197  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.9  | 26.9  |
| 125     | 9.6   | 10.2  | 15.2# |





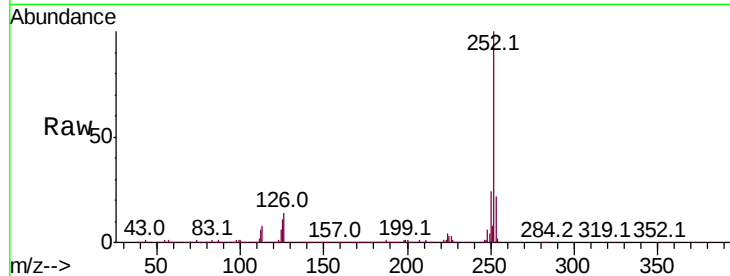
#89  
Benzo(a)pyrene  
Concen: 47.011 ng  
RT: 15.62 min Scan# 2258  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

Instrument :  
BNA\_F  
ClientSampleId :  
MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 11.2  | 9.8   | 14.6  |

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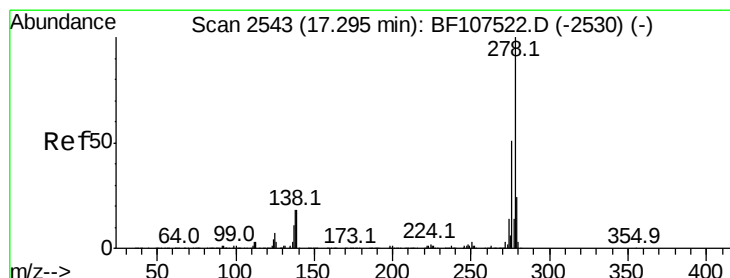
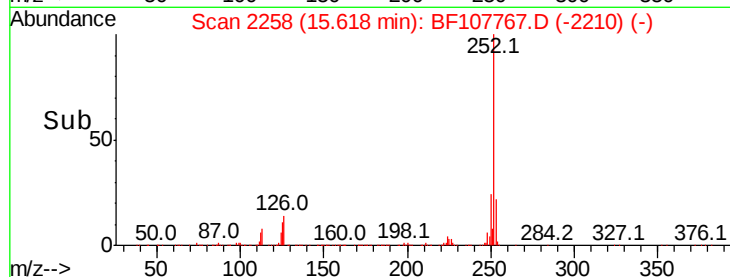
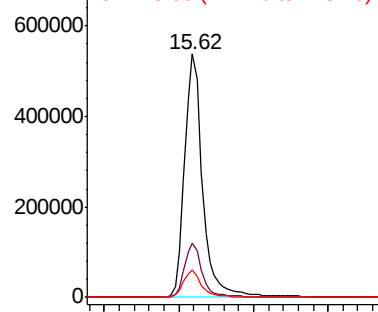


Abundance

Ion 252.00 (251.70 to 252.70): E

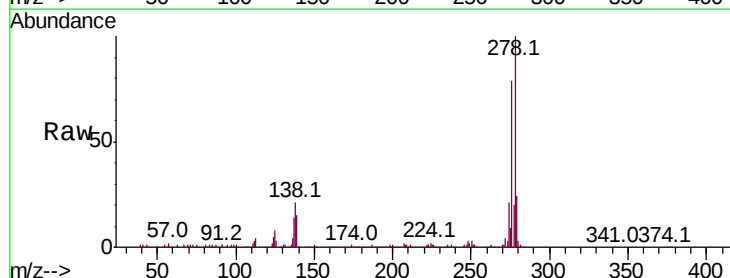
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90  
Dibenzo(a,h)anthracene  
Concen: 41.972 ng  
RT: 17.28 min Scan# 2540  
Delta R.T. -0.02 min  
Lab File: BF107767.D  
Acq: 28 Jul 2018 00:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.2  | 15.9  | 23.9# |
| 279     | 23.9  | 19.0  | 28.4  |

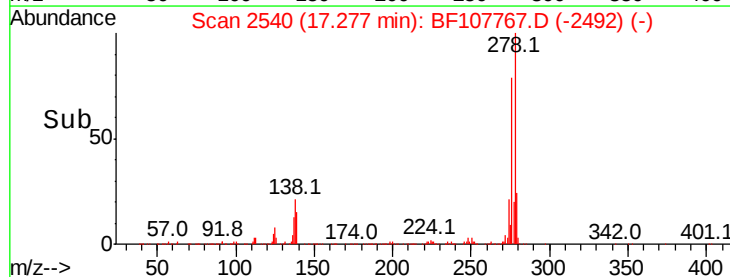
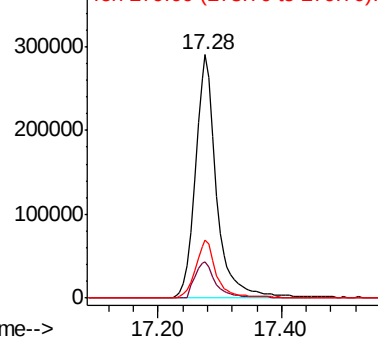


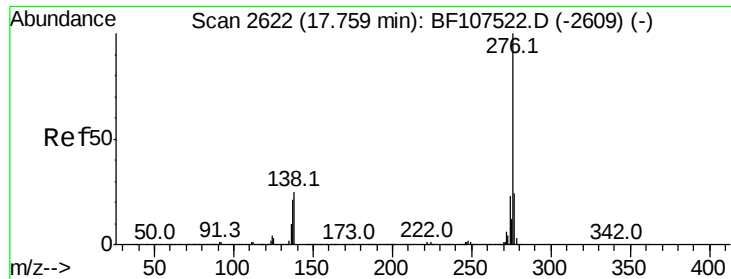
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 40.622 ng  
 RT: 17.74 min Scan# 2619  
 Delta R.T. -0.02 min  
 Lab File: BF107767.D  
 Acq: 28 Jul 2018 00:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-7BSMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.8  | 17.9  | 26.9  |
| 138     | 22.6  | 21.8  | 32.8  |

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