

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\  
 Data File : BF107202.D  
 Acq On : 7 Jul 2018 13:23  
 Operator : JU/SJ  
 Sample : J3791-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

Manual Integrations  
 APPROVED

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 7/9/2018 2:06:15 PM

Quant Time: Jul 09 03:33:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 63281    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.23  | 136  | 242911   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.99  | 164  | 126979   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.48 | 188  | 248942   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.14 | 240  | 168041   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.68 | 264  | 179855   | 20.00 | ng    | -0.04    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.59  | 112 | 438567 | 117.35 | ng | -0.01 |
| 7) Phenol-d6                | 6.60  | 99  | 550328 | 117.92 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.52  | 82  | 359595 | 82.27  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.79 | 330 | 194451 | 132.12 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.30  | 172 | 618428 | 81.90  | ng | -0.02 |
| 78) Terphenyl-d14           | 13.07 | 244 | 711762 | 102.60 | ng | -0.02 |

|                                |      |     |        |        |        |      |
|--------------------------------|------|-----|--------|--------|--------|------|
| Target Compounds               |      |     |        |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.81 | 88  | 57664  | 30.013 | ng     | 99   |
| 3) Pyridine                    | 3.60 | 79  | 172474 | 33.100 | ng     | 97   |
| 4) n-Nitrosodimethylamine      | 3.57 | 42  | 76510  | 34.571 | ng     | 84   |
| 6) Aniline                     | 6.62 | 93  | 226695 | 35.809 | ng     | # 89 |
| 8) 2-Chlorophenol              | 6.74 | 128 | 169299 | 41.303 | ng     | 99   |
| 9) Benzaldehyde                | 6.50 | 77  | 89014  | 25.358 | ng     | 98   |
| 10) Phenol                     | 6.61 | 94  | 212144 | 39.831 | ng     | 73   |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 173960 | 39.564 | ng     | 98   |
| 12) 1,3-Dichlorobenzene        | 6.89 | 146 | 191228 | 39.833 | ng     | 97   |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 191877 | 39.533 | ng     | 97   |
| 14) 1,2-Dichlorobenzene        | 7.12 | 146 | 178544 | 40.139 | ng     | 97   |
| 15) Benzyl Alcohol             | 7.10 | 79  | 144177 | 38.474 | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45  | 235177 | 40.766 | ng     | 63   |
| 17) 2-Methylphenol             | 7.21 | 107 | 147700 | 42.107 | ng     | # 90 |
| 18) Hexachloroethane           | 7.45 | 117 | 66354  | 38.876 | ng     | # 87 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 116948 | 38.016 | ng     | 92   |
| 20) 3+4-Methylphenols          | 7.36 | 107 | 181408 | 49.188 | ng     | # 68 |
| 22) Acetophenone               | 7.36 | 105 | 231191 | 42.541 | ng     | # 94 |
| 24) Nitrobenzene               | 7.54 | 77  | 186379 | 41.765 | ng     | 99   |
| 25) Isophorone                 | 7.77 | 82  | 351697 | 45.661 | ng     | 99   |
| 26) 2-Nitrophenol              | 7.85 | 139 | 98438  | 46.727 | ng     | 100  |
| 27) 2,4-Dimethylphenol         | 7.88 | 122 | 162729 | 49.976 | ng     | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 222576 | 43.039 | ng     | 98   |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 162449 | 47.653 | ng     | 94   |
| 30) 1,2,4-Trichlorobenzene     | 8.17 | 180 | 172429 | 45.915 | ng     | 98   |
| 31) Naphthalene                | 8.25 | 128 | 488238 | 42.991 | ng     | 100  |
| 32) Benzoic acid               | 7.98 | 122 | 6997   | 8.333  | ng     | 91   |
| 33) 4-Chloroaniline            | 8.31 | 127 | 192640 | 40.426 | ng     | 98   |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 110742 | 45.256 | ng     | 100  |
| 35) Caprolactam                | 8.68 | 113 | 48389m | 43.546 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 165912 | 46.239 | ng     | 98   |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 364603 | 48.436 | ng     | 96   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.11 | 216 | 189705 | 44.362 | ng     | # 96 |
| 40) Hexachlorocyclopentadiene  | 9.09 | 237 | 68307  | 31.047 | ng     | 97   |

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 Sample : J3791-01MSD  
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

Manual Integrations  
 APPROVED

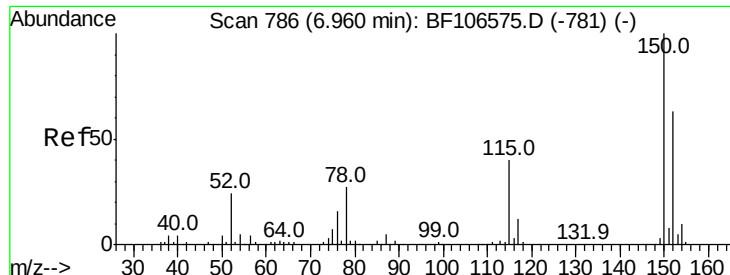
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Quant Time: Jul 09 03:33:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.23  | 196  | 110539   | 38.888 | nq    | 93       |
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 113739   | 38.347 | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 9.41  | 154  | 436064   | 43.091 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.44  | 162  | 320874   | 40.283 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 105545   | 39.403 | nq    | 99       |
| 48) Acenaphthylene             | 9.85  | 152  | 503645   | 40.048 | nq    | 99       |
| 49) Dimethylphthalate          | 9.71  | 163  | 471629   | 49.522 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.78  | 165  | 91362    | 45.304 | nq    | # 78     |
| 51) Acenaphthene               | 10.02 | 154  | 309756   | 39.114 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.95  | 138  | 85420    | 36.809 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 10.07 | 184  | 22459    | 25.340 | nq    | # 16     |
| 54) Dibenzofuran               | 10.20 | 168  | 458815   | 42.311 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 74164    | 45.785 | nq    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 114295   | 43.420 | nq    | 94       |
| 57) Fluorene                   | 10.54 | 166  | 373375   | 43.390 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.32 | 232  | 99695    | 42.284 | nq    | # 77     |
| 59) Diethylphthalate           | 10.40 | 149  | 363967   | 39.597 | nq    | # 94     |
| 60) 4-Chlorophenyl-phenylether | 10.52 | 204  | 196888   | 43.730 | nq    | # 86     |
| 61) 4-Nitroaniline             | 10.58 | 138  | 92448    | 40.141 | nq    | 95       |
| 62) Azobenzene                 | 10.69 | 77   | 348646   | 38.517 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 56735    | 36.869 | nq    | # 69     |
| 65) n-Nitrosodiphenylamine     | 10.65 | 169  | 325436   | 38.866 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.02 | 248  | 134805   | 45.374 | nq    | # 80     |
| 67) Hexachlorobenzene          | 11.09 | 284  | 141135   | 45.388 | nq    | # 87     |
| 68) Atrazine                   | 11.18 | 200  | 112734   | 42.351 | nq    | 94       |
| 69) Pentachlorophenol          | 11.29 | 266  | 72389    | 46.656 | nq    | 98       |
| 70) Phenanthrene               | 11.51 | 178  | 535812   | 44.625 | nq    | 98       |
| 71) Anthracene                 | 11.56 | 178  | 551996   | 45.040 | nq    | 99       |
| 72) Carbazole                  | 11.72 | 167  | 479378   | 41.779 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.02 | 149  | 538745   | 39.855 | nq    | 99       |
| 74) Fluoranthene               | 12.71 | 202  | 550427   | 41.592 | nq    | 93       |
| 76) Benzidine                  | 12.82 | 184  | 248277   | 51.878 | nq    | 97       |
| 77) Pyrene                     | 12.94 | 202  | 539728   | 48.707 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.53 | 149  | 188735   | 41.425 | nq    | # 96     |
| 80) Benzo(a)anthracene         | 14.13 | 228  | 450112   | 43.949 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 143137   | 39.766 | nq    | # 97     |
| 82) Chrysene                   | 14.17 | 228  | 412415   | 43.771 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 228090   | 39.159 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 14.71 | 149  | 389878   | 41.063 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.27 | 276  | 545286   | 68.195 | nq    | # 89     |
| 87) Benzo(b)fluoranthene       | 15.22 | 252  | 465453   | 41.661 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.25 | 252  | 401116   | 37.701 | nq    | # 94     |
| 89) Benzo(a)pyrene             | 15.61 | 252  | 434395   | 43.736 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 452611   | 53.771 | nq    | # 92     |
| 91) Benzo(g,h,i)perylene       | 17.75 | 276  | 472487   | 57.429 | nq    | # 89     |

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





#1

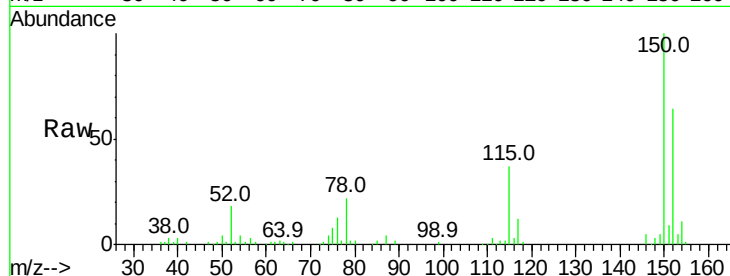
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 784  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

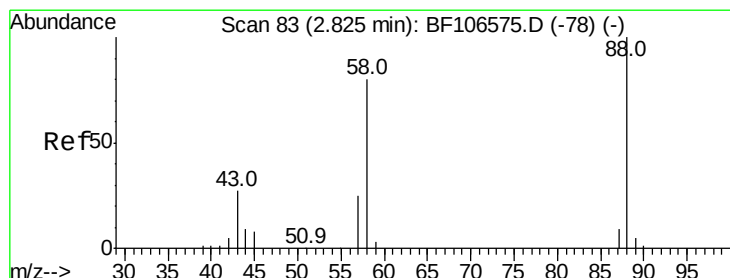
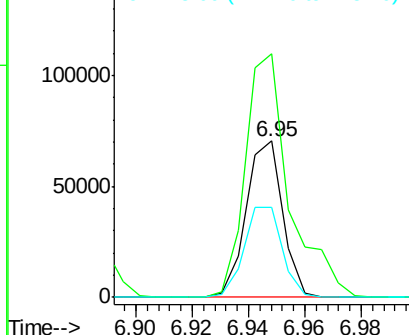
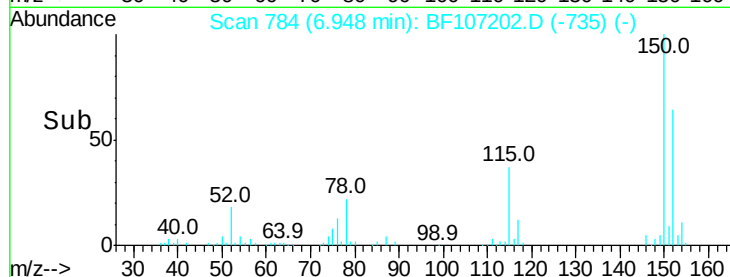
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 124.6 | 186.8 |
| 115     | 57.8  | 50.1  | 75.1  |

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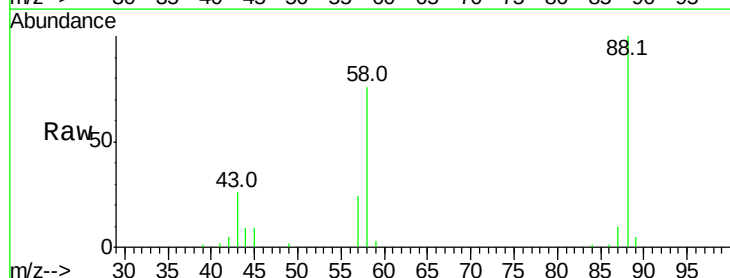
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



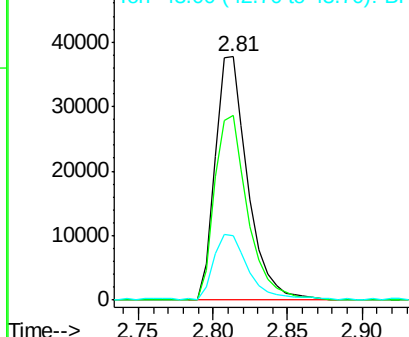
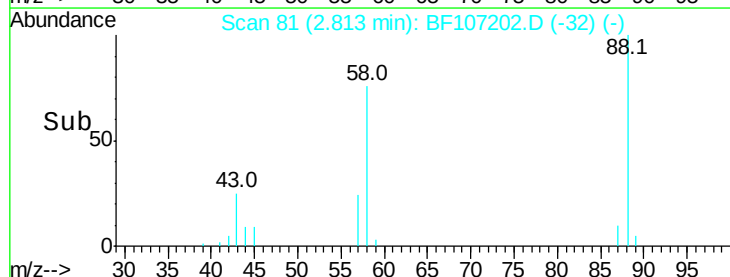
#2

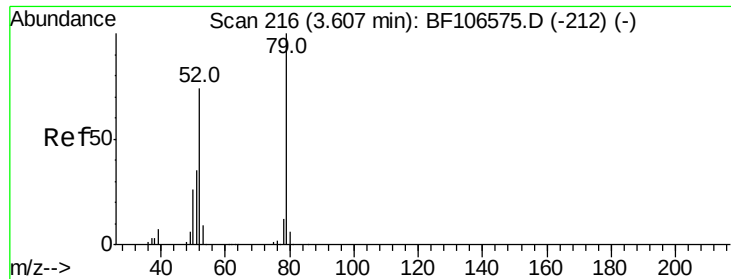
1,4-Dioxane  
Concen: 30.013 ng  
RT: 2.81 min Scan# 81  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.4  | 62.6  | 93.8  |
| 43      | 29.8  | 24.6  | 37.0  |



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.100 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

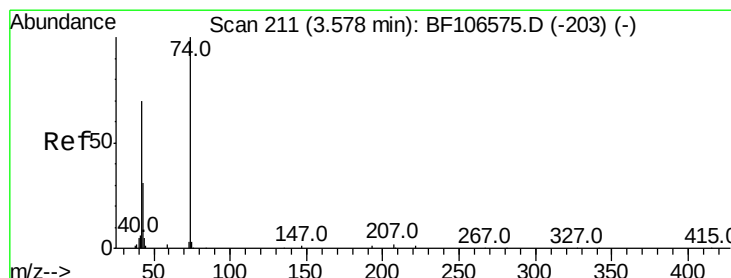
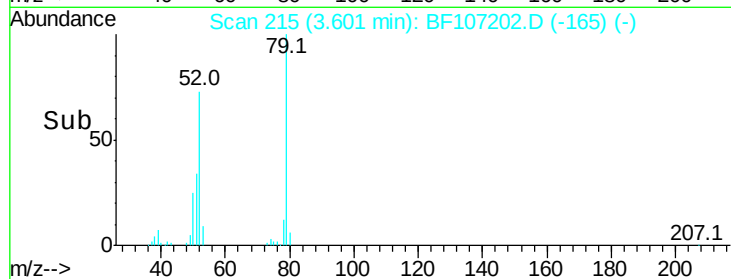
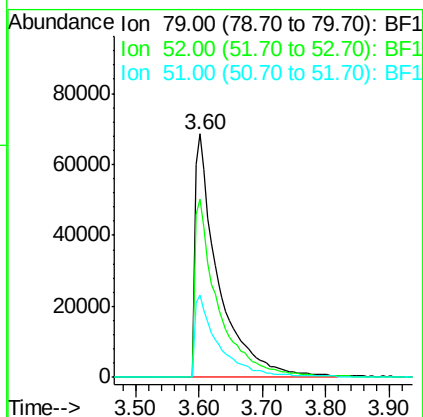
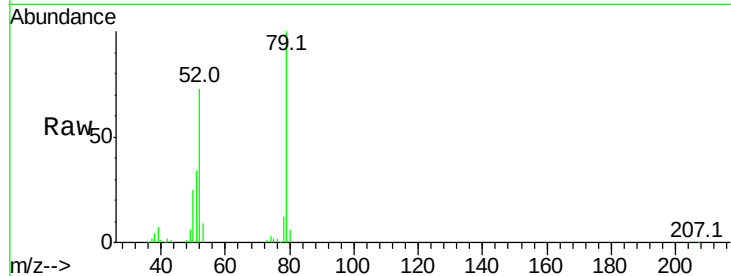
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 172474 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.2  | 59.8  | 89.6   |
| 51        | 33.8  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 34.571 ng

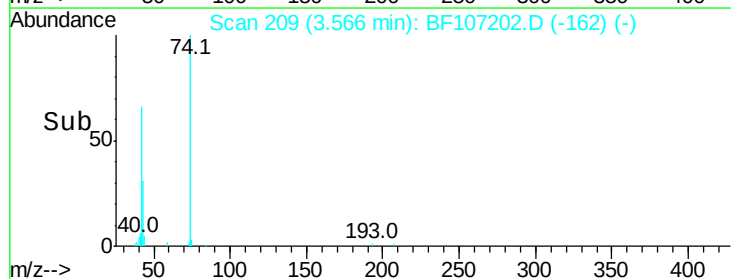
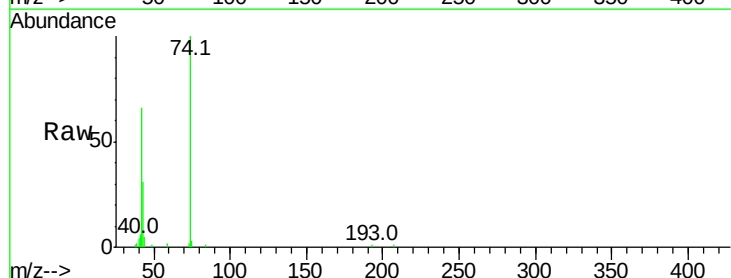
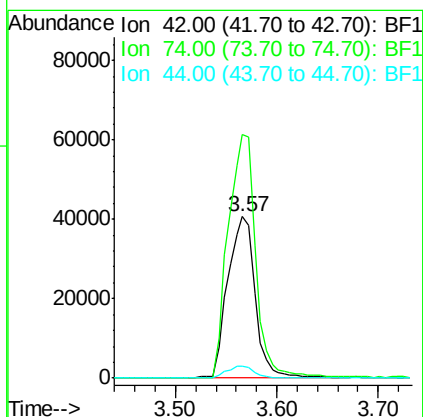
RT: 3.57 min Scan# 209

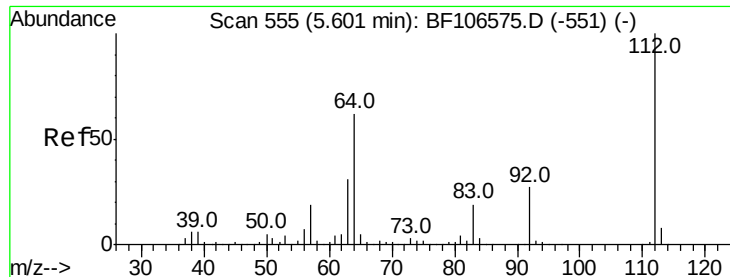
Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 76510 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 150.8 | 104.9 | 157.3 |
| 44        | 7.1   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 117.355 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

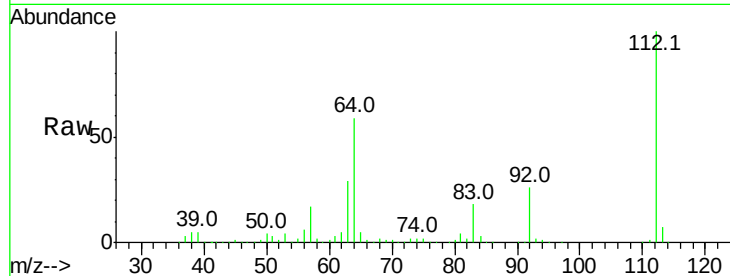
ClientSampleId :

ZER-SB-03-11-72MSD

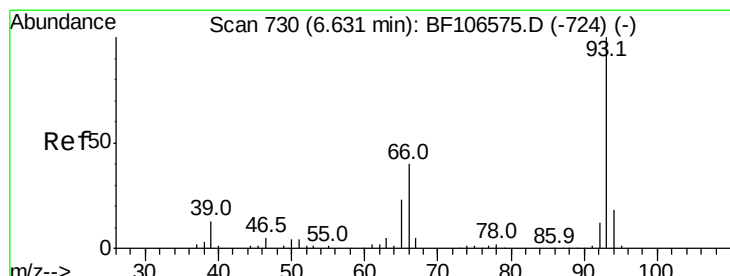
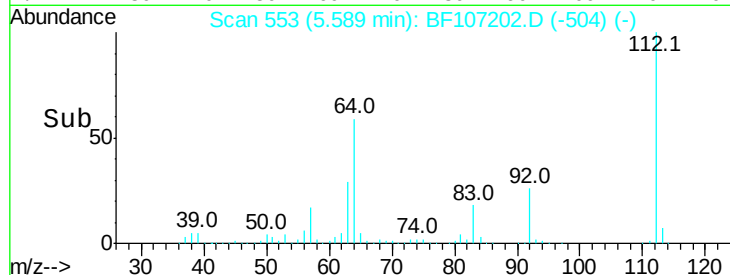
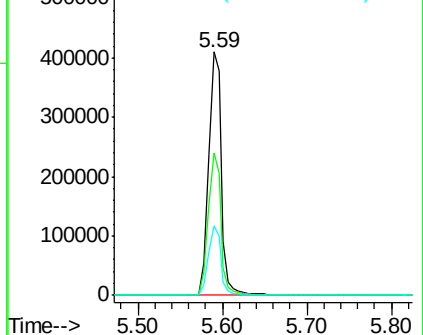
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 438567 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.5  | 47.9  | 71.9   |
| 63        | 28.8  | 23.7  | 35.5   |

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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: 35.809 ng

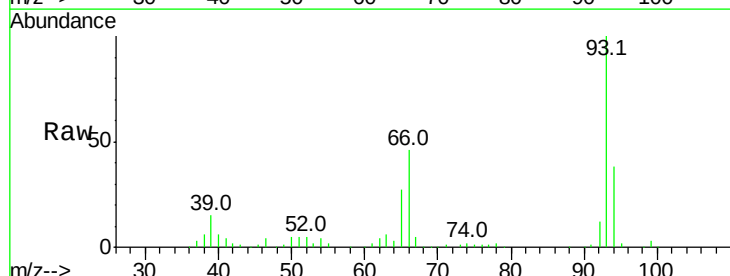
RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

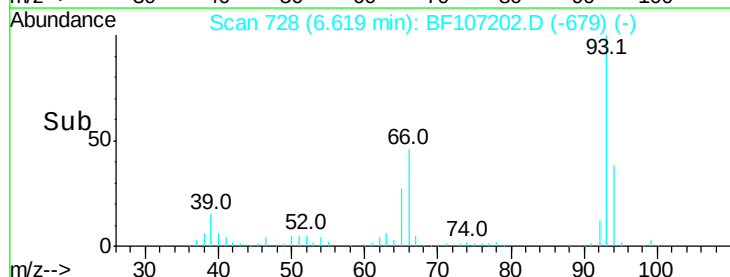
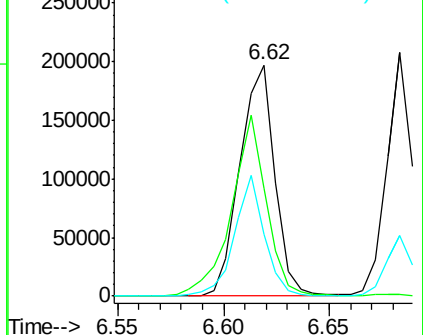
Lab File: BF107202.D

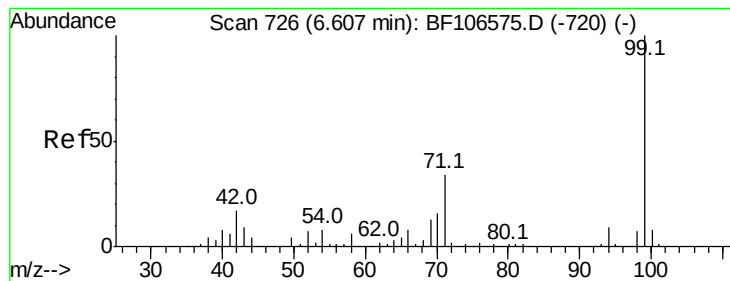
Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 226695 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 46.4  | 32.2  | 48.2   |
| 65        | 26.9  | 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: 117.921 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

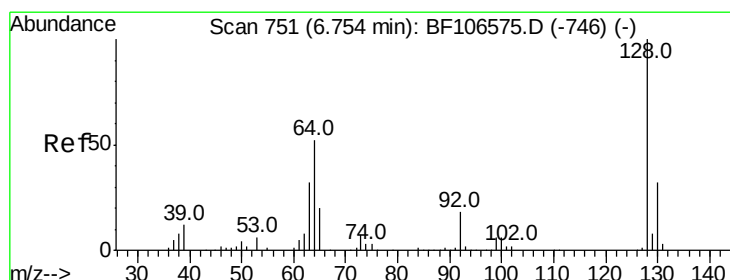
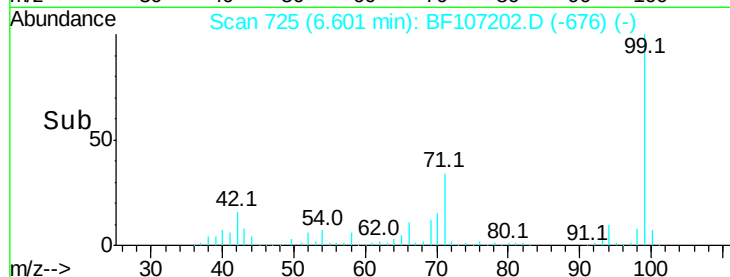
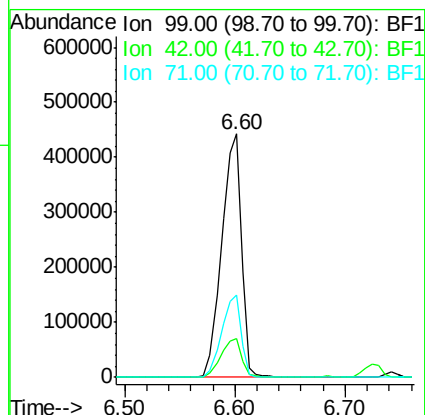
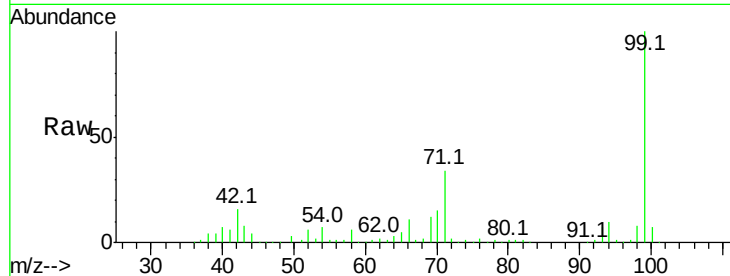
ClientSampleId :

ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 550328 |       |       |
| 42      | 15.9  |        | 14.5  | 21.7  |
| 71      | 33.9  |        | 25.4  | 38.0  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.303 ng

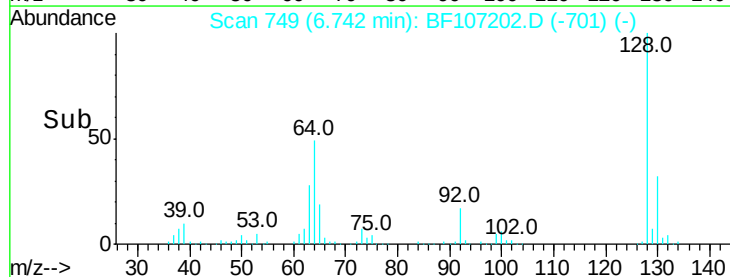
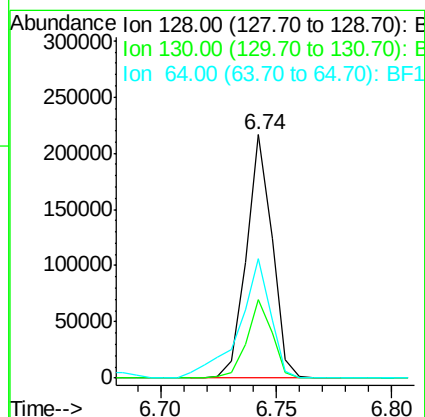
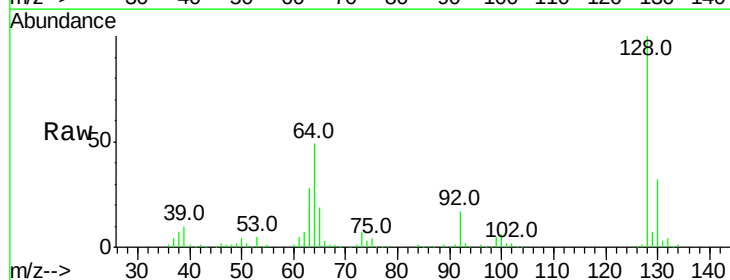
RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

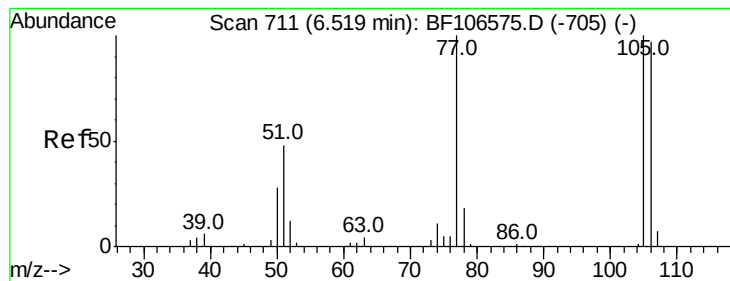
Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 169299 |       |       |
| 130     | 32.5  |        | 13.0  | 53.0  |
| 64      | 49.2  |        | 29.4  | 69.4  |







#9

Benzaldehyde

Concen: 25.358 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

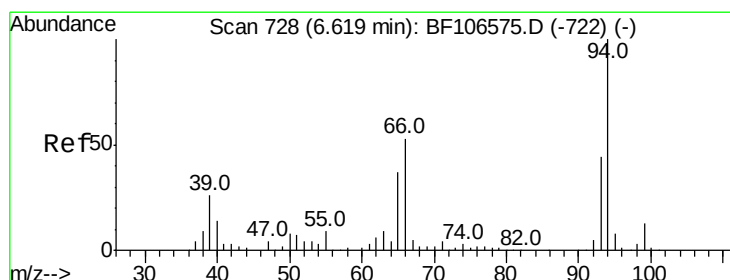
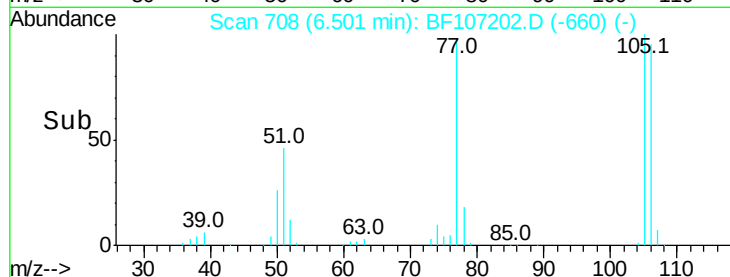
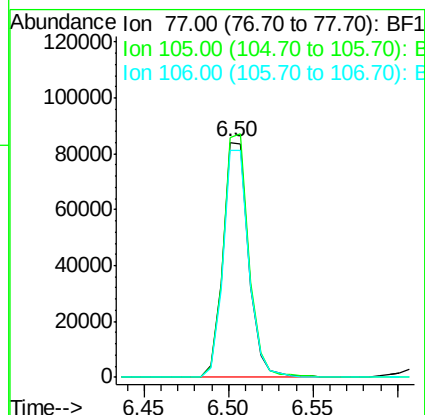
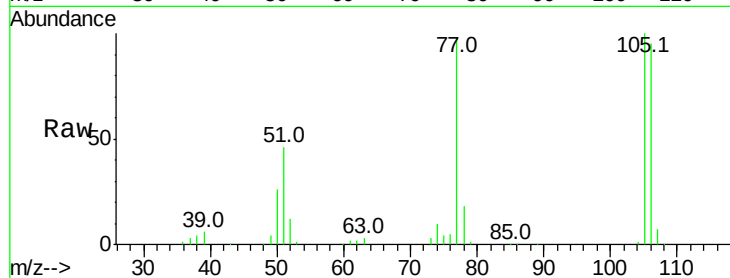
ClientSampleId :

ZER-SB-03-11-72MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 89014 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 101.8 | 81.1  | 121.1 |
| 106      | 96.8  | 74.5  | 114.5 |

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#10

Phenol

Concen: 39.831 ng

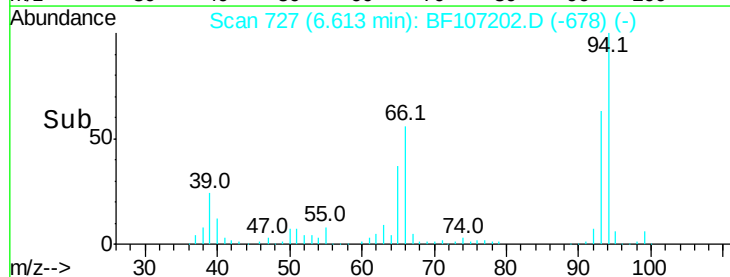
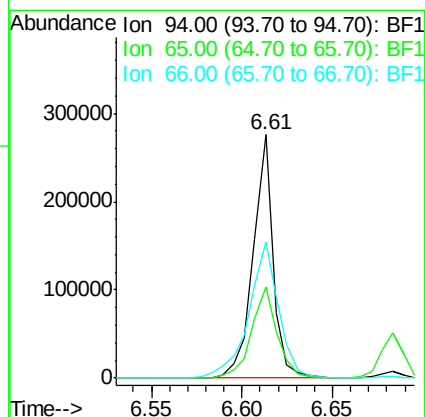
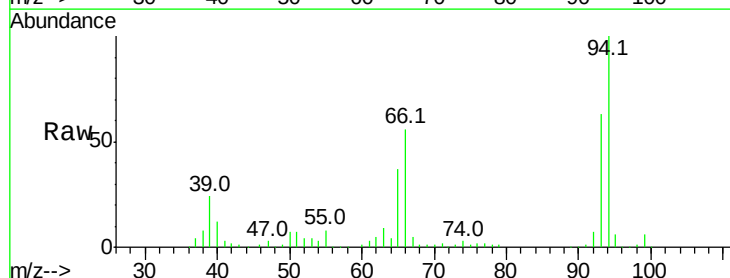
RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

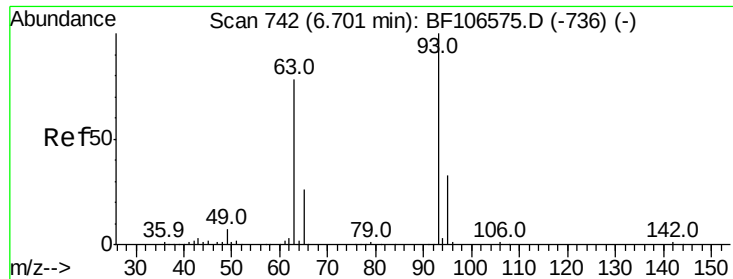
Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 212144 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 37.5  | 7.9   | 47.9   |
| 66       | 55.8  | 16.2  | 56.2   |







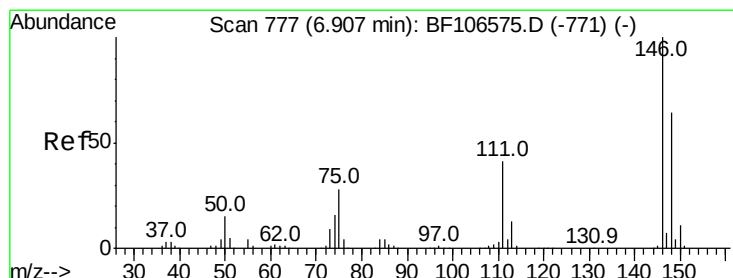
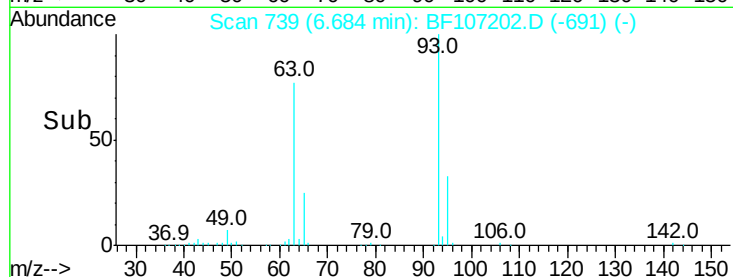
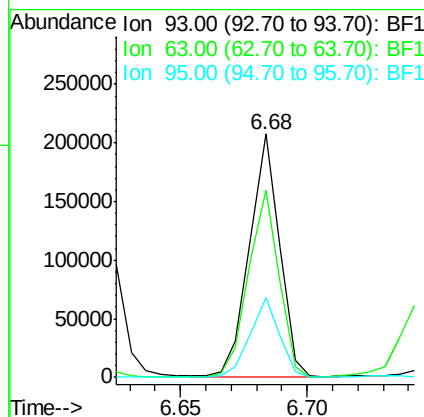
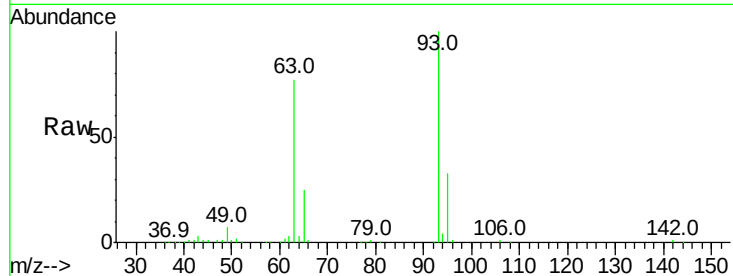
#11  
bis(2-Chloroethyl)ether  
Concen: 39.564 ng  
RT: 6.68 min Scan# 739  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 173960 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 77.1  | 58.6  | 98.6   |
| 95       | 32.6  | 11.8  | 51.8   |

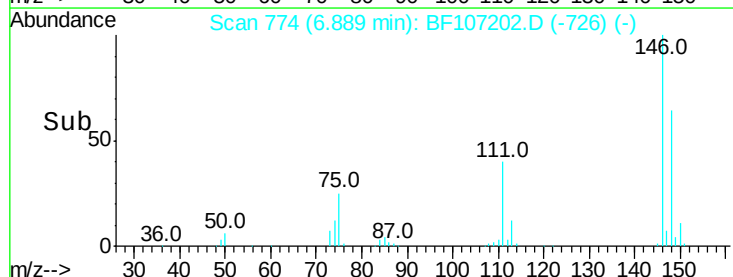
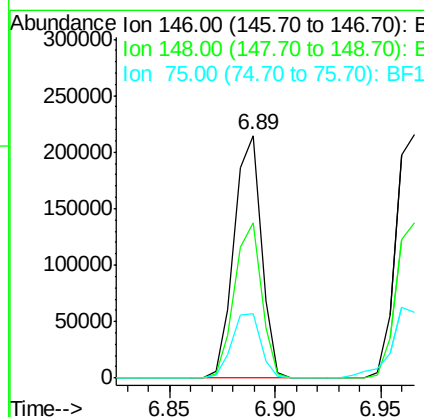
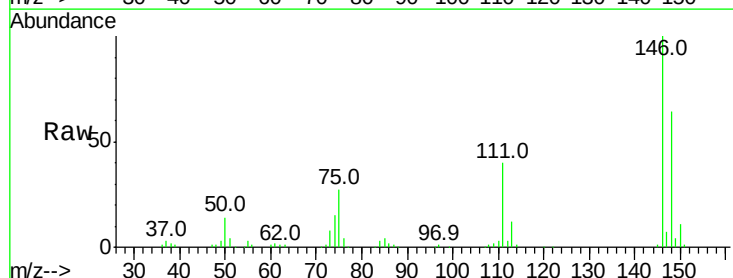
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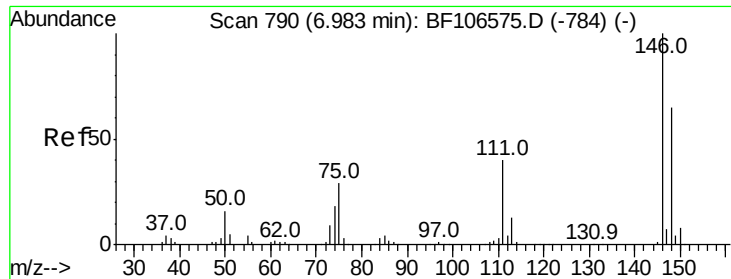
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#12  
1,3-Dichlorobenzene  
Concen: 39.833 ng  
RT: 6.89 min Scan# 774  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 191228 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.1  | 51.8  | 77.8   |
| 75       | 26.5  | 24.2  | 36.4   |





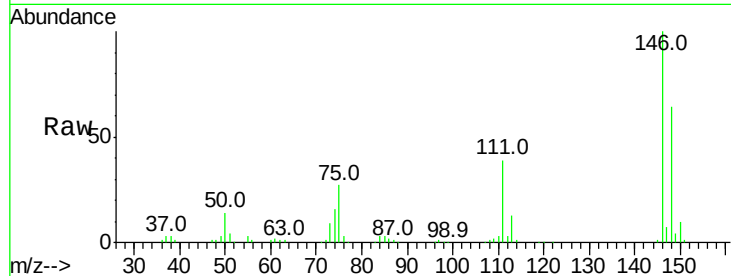
#13  
 1,4-Dichlorobenzene  
 Concen: 39.533 ng  
 RT: 6.97 min Scan# 787  
 Delta R.T. -0.01 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

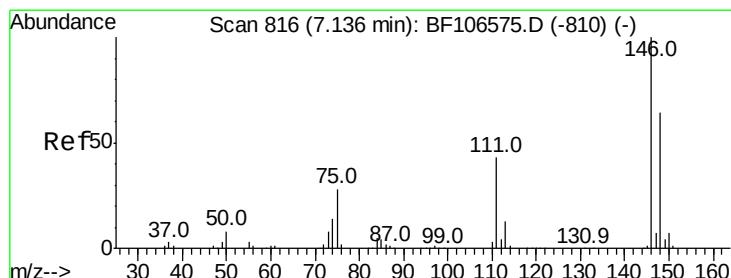
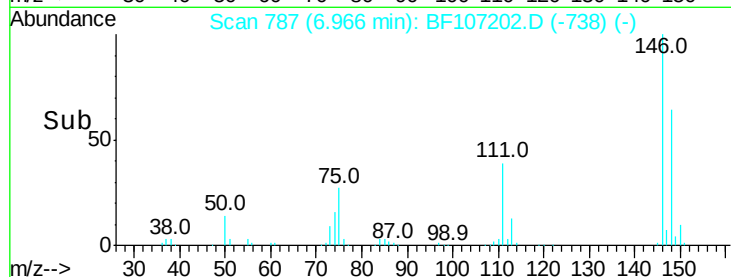
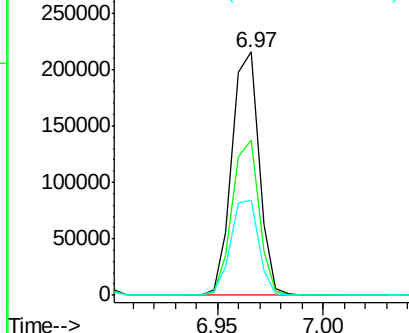
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 50.8  | 76.2  |
| 111     | 39.1  | 34.2  | 51.2  |

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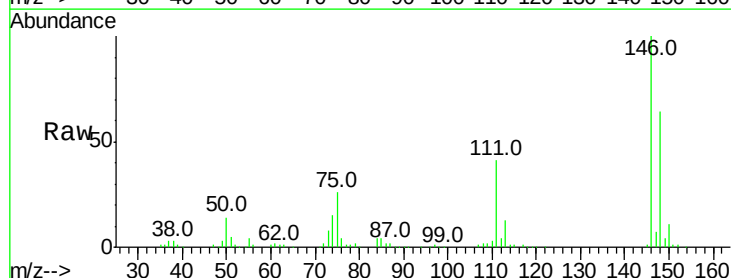


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

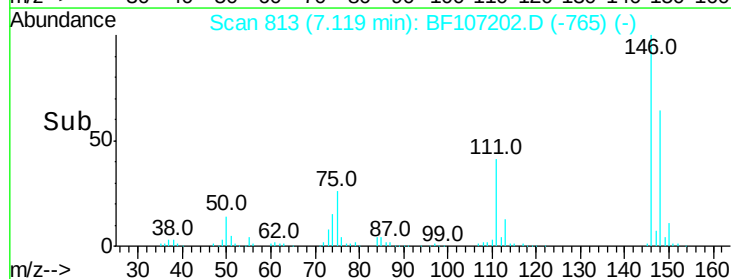
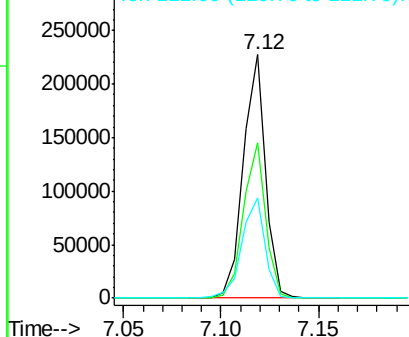


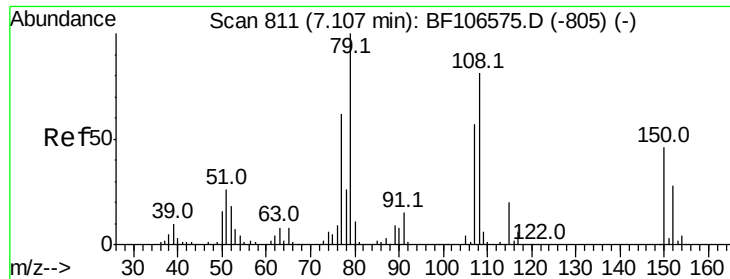
#14  
 1,2-Dichlorobenzene  
 Concen: 40.139 ng  
 RT: 7.12 min Scan# 813  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 75.8  |
| 111     | 41.4  | 36.0  | 54.0  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





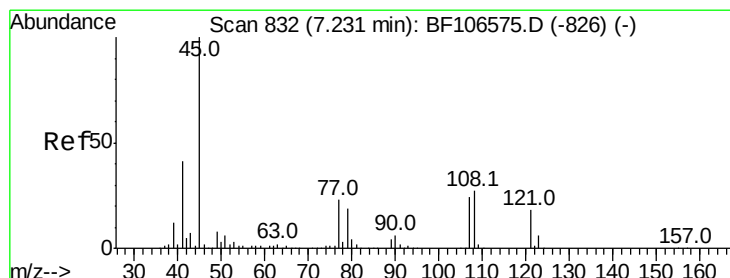
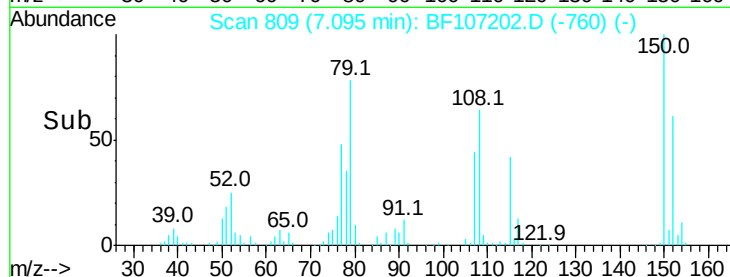
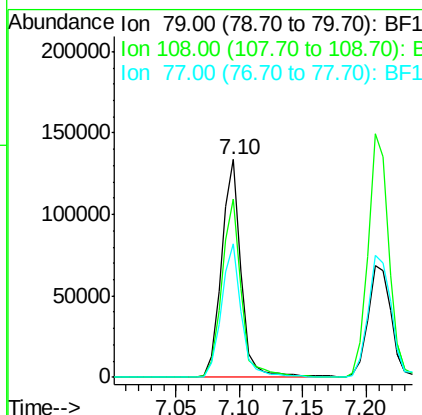
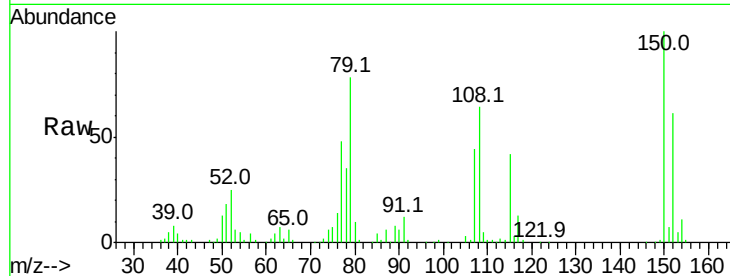
#15  
Benzyl Alcohol  
Concen: 38.474 ng  
RT: 7.10 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 81.9  | 65.1  | 97.7  |
| 77      | 61.5  | 50.6  | 75.8  |

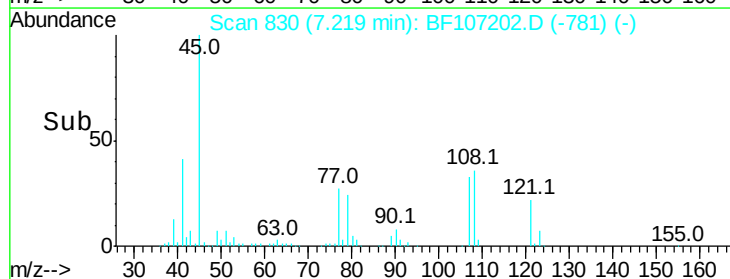
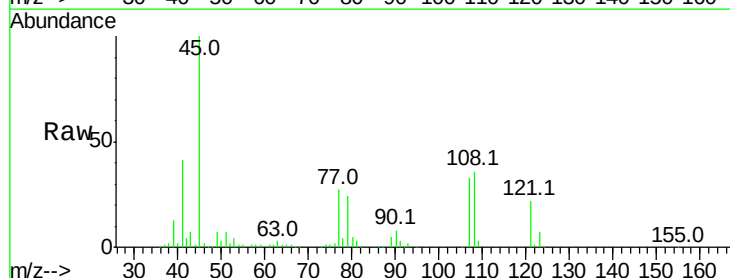
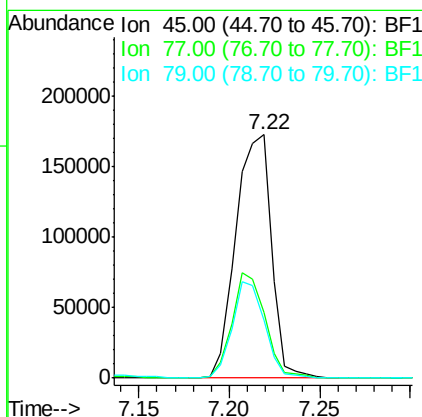
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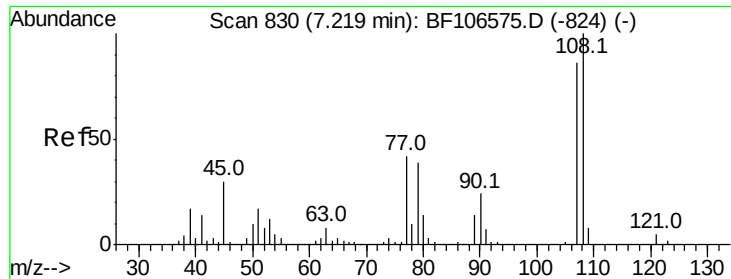
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.766 ng  
RT: 7.22 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 27.1  | 0.0   | 32.9  |
| 79      | 23.8  | 0.0   | 29.6  |





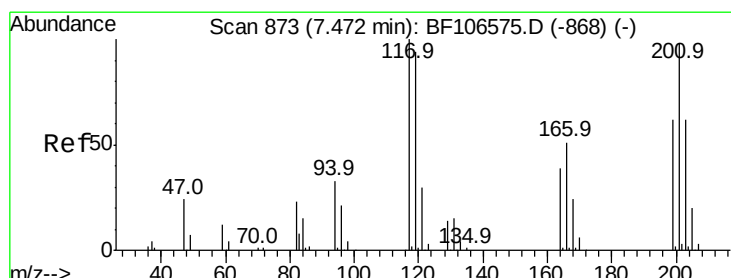
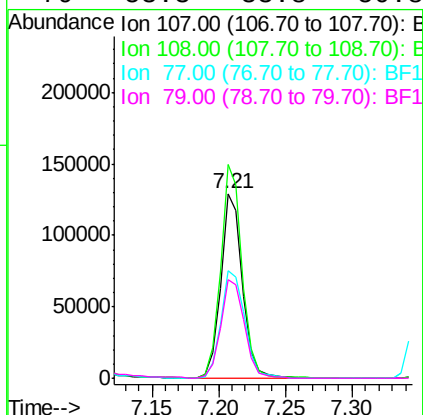
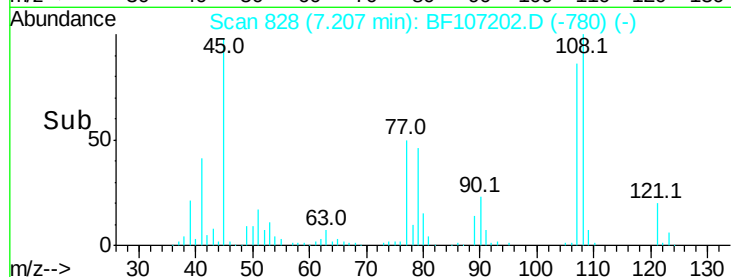
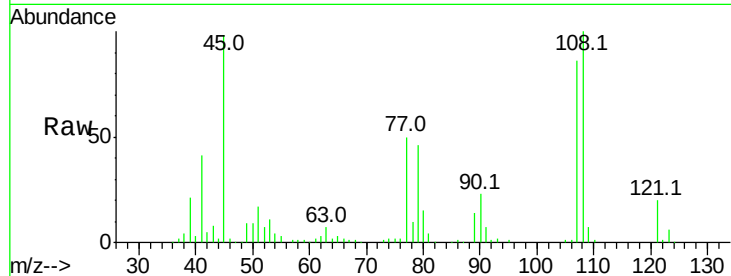
#17  
2-Methylphenol  
Concen: 42.107 ng  
RT: 7.21 min Scan# 828  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 147700 |       |       |
| 108     | 115.8 | 91.7   | 137.5 |       |
| 77      | 58.0  | 33.8   | 50.8# |       |
| 79      | 53.3  | 33.8   | 50.8# |       |

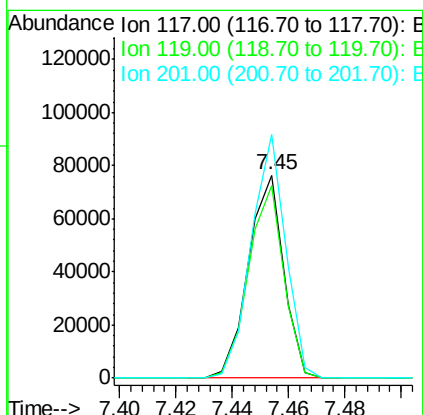
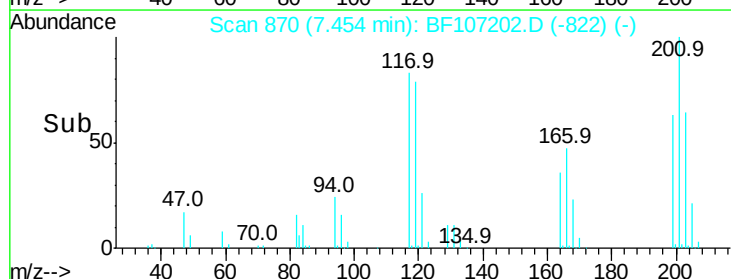
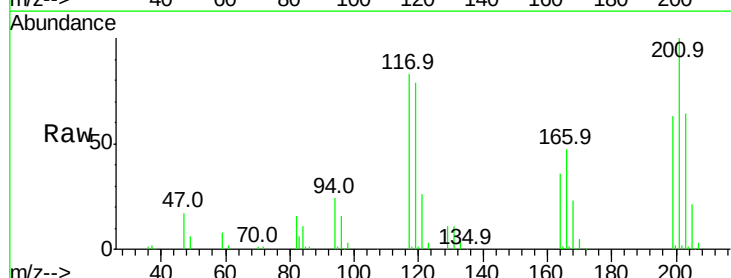
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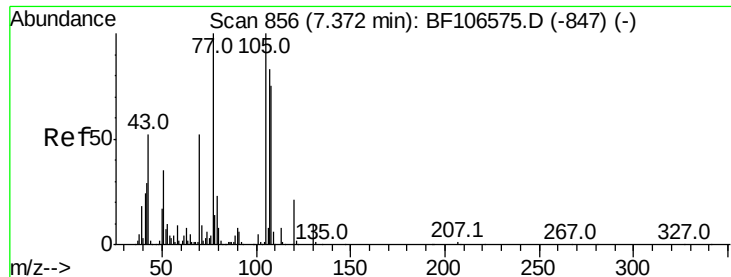
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#18  
Hexachloroethane  
Concen: 38.876 ng  
RT: 7.45 min Scan# 870  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 117     | 100   | 66354 |        |       |
| 119     | 95.1  | 75.8  | 113.8  |       |
| 201     | 119.9 | 75.7  | 113.5# |       |





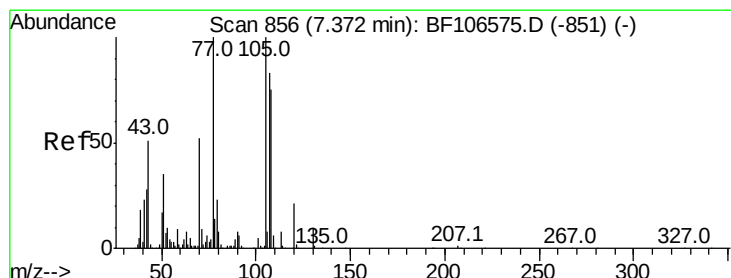
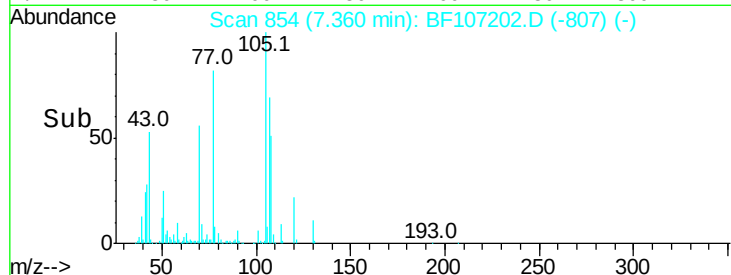
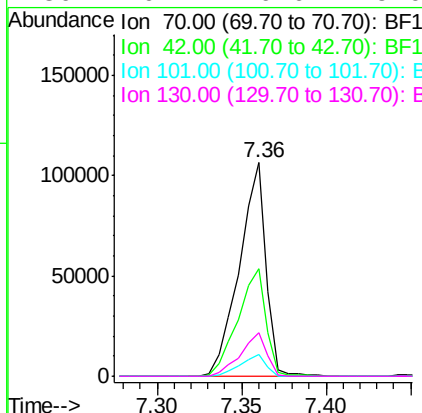
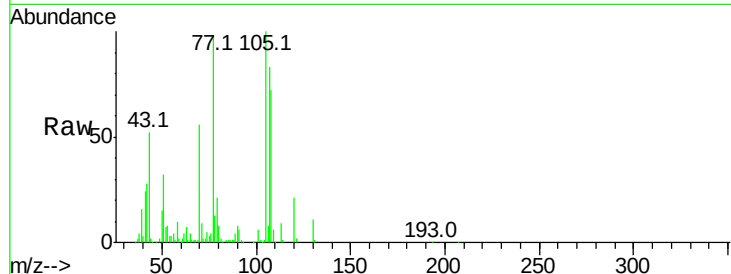
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.016 ng  
RT: 7.36 min Scan# 854  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion   | 70    | Resp  | 116948 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 50.6  | 47.5  | 71.3   |
| 101       | 10.3  | 7.4   | 11.2   |
| 130       | 20.4  | 16.6  | 25.0   |

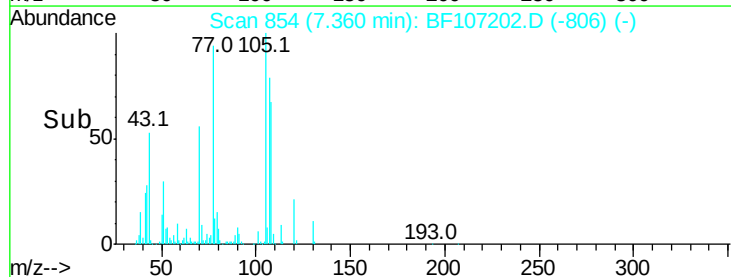
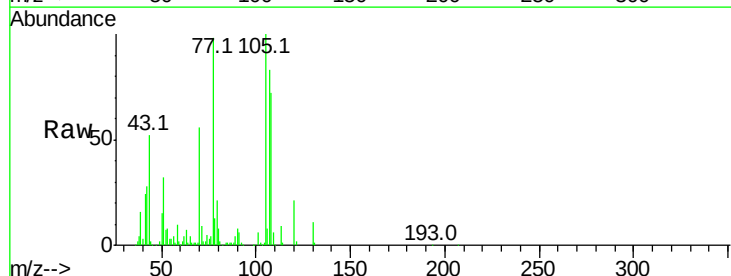
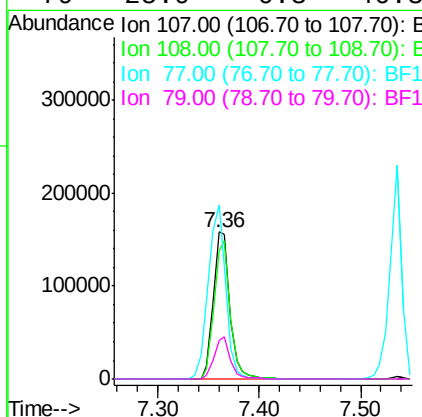
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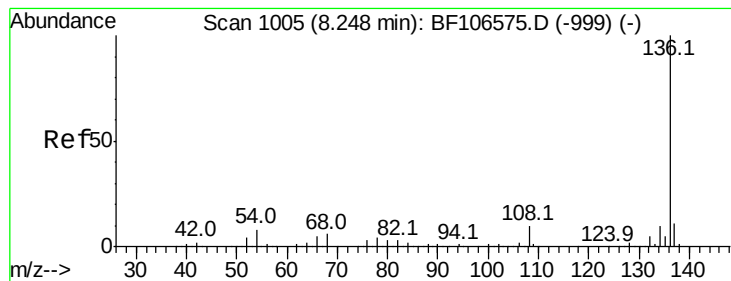
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#20  
3+4-Methylphenols  
Concen: 49.188 ng  
RT: 7.36 min Scan# 854  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion   | 107   | Resp  | 181408 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 87.3  | 68.2  | 108.2  |
| 77        | 119.1 | 26.7  | 66.7#  |
| 79        | 25.9  | 6.3   | 46.3   |





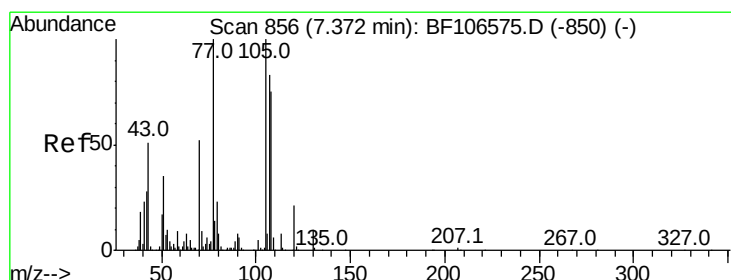
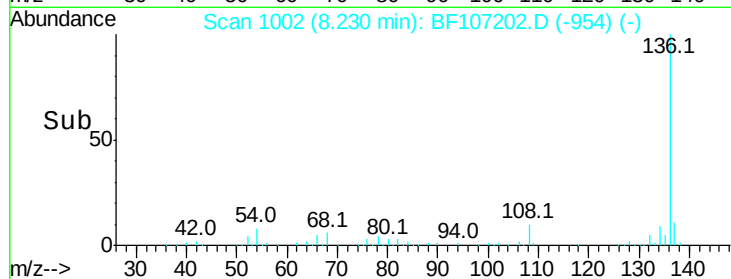
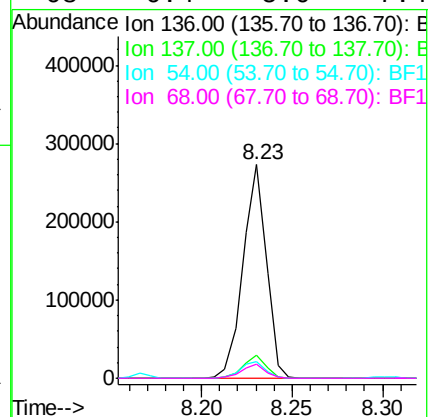
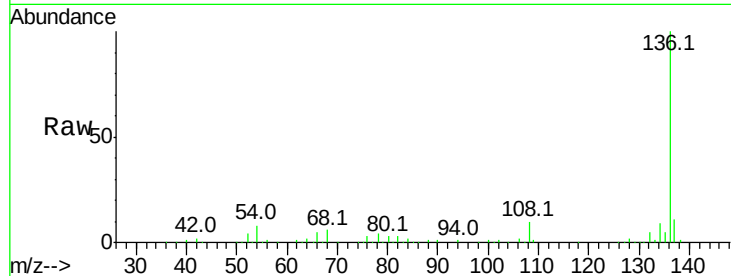
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.23 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 242911 |       |       |
| 137     | 10.7  |        | 8.9   | 13.3  |
| 54      | 7.9   |        | 6.6   | 9.8   |
| 68      | 6.4   |        | 5.0   | 7.4   |

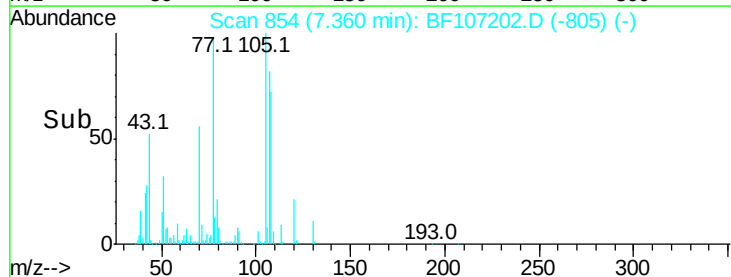
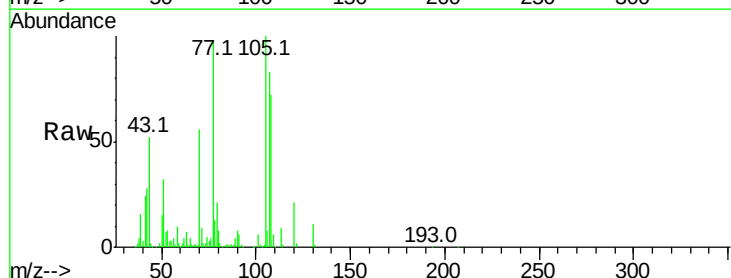
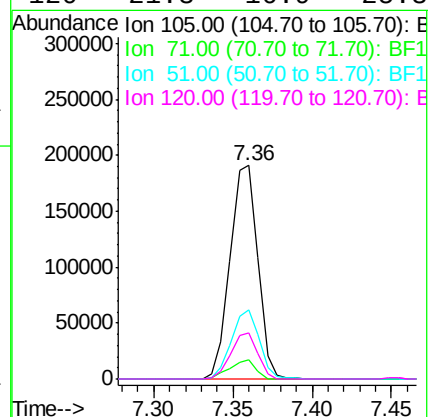
Manual Integrations  
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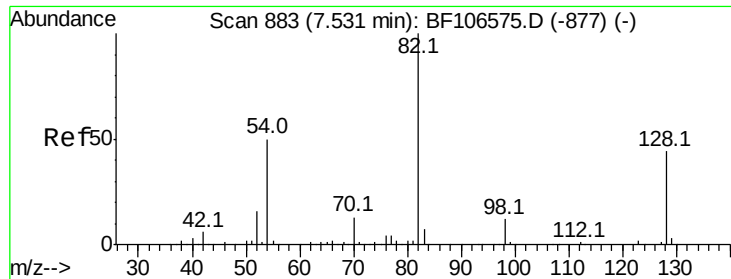
Sohil  
7/9/2018 2:06:15 PM



#22  
Acetophenone  
Concen: 42.541 ng  
RT: 7.36 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 231191 |       |       |
| 71      | 9.2   |        | 4.4   | 6.6#  |
| 51      | 32.3  |        | 22.3  | 33.5  |
| 120     | 21.3  |        | 16.9  | 25.3  |





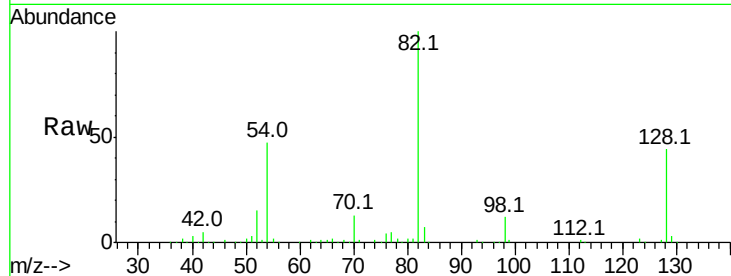
#23  
Nitrobenzene-d5  
Concen: 82.269 ng  
RT: 7.52 min Scan# 881  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

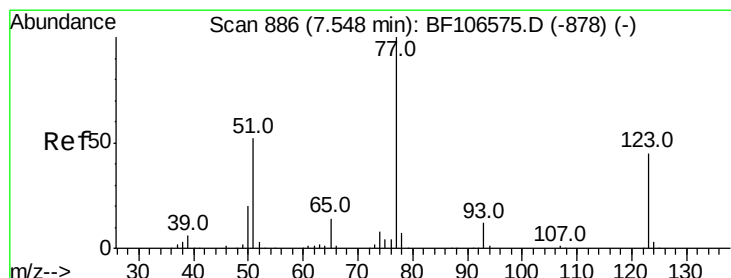
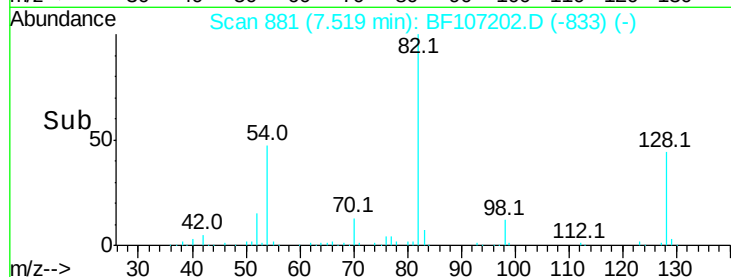
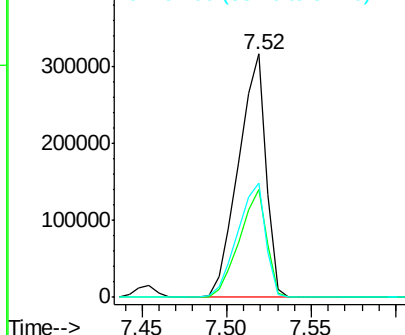
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 44.5  | 36.1 | 54.1  |       |
| 54      | 47.0  | 41.4 | 62.2  |       |

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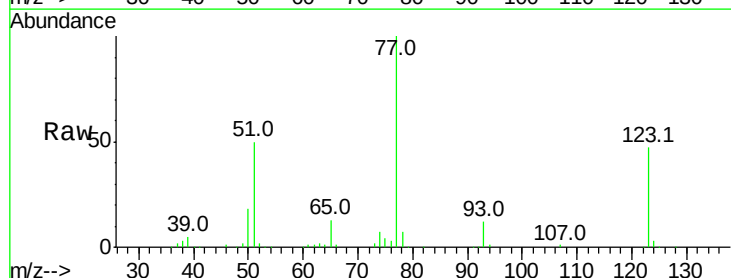


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

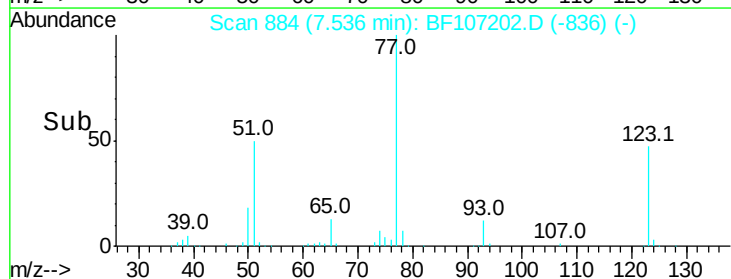
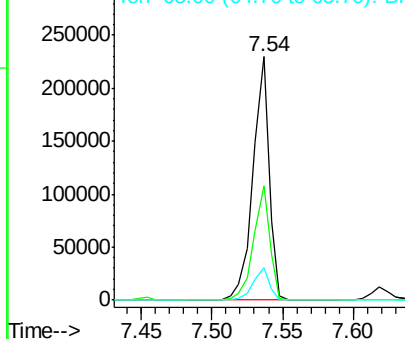


#24  
Nitrobenzene  
Concen: 41.765 ng  
RT: 7.54 min Scan# 884  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

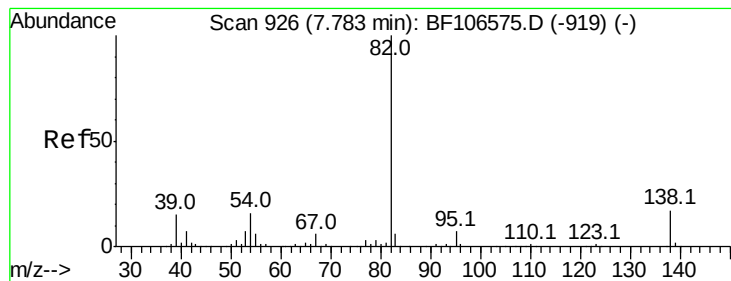
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 46.9  | 37.9 | 56.9  |       |
| 65      | 13.2  | 11.0 | 16.4  |       |



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







#25

Isophorone

Concen: 45.661 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

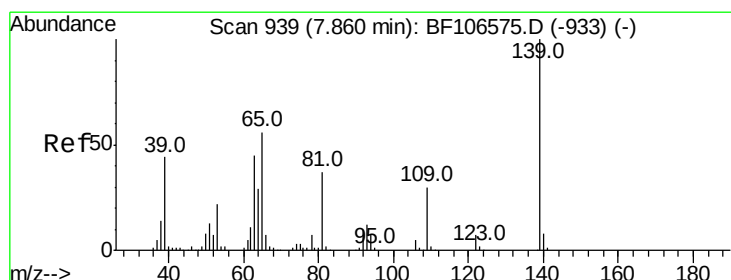
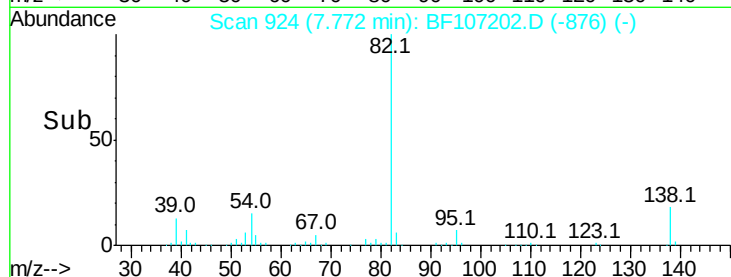
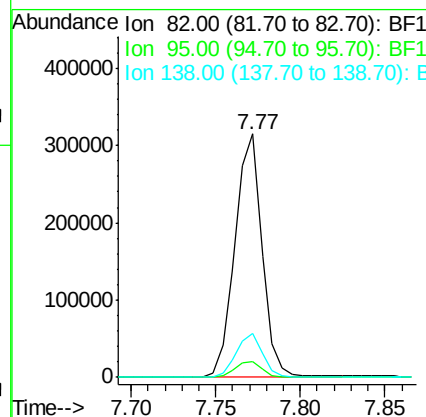
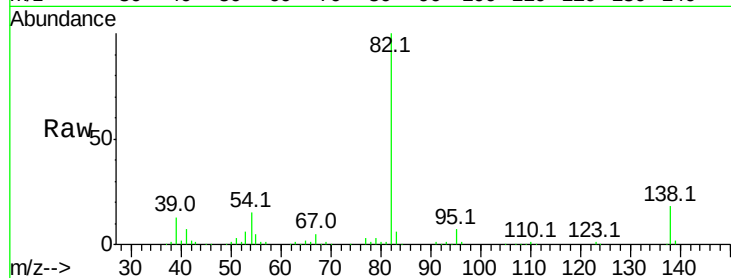
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 351697 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.2   | 7.8    |
| 138       | 18.0  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 46.727 ng

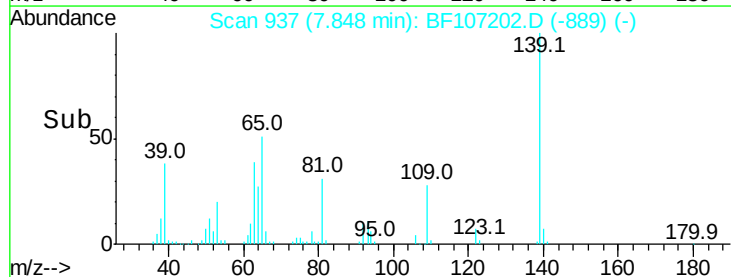
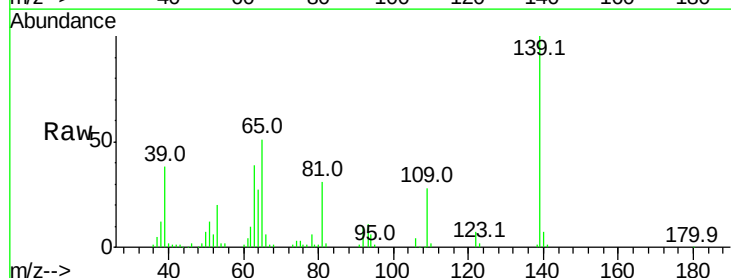
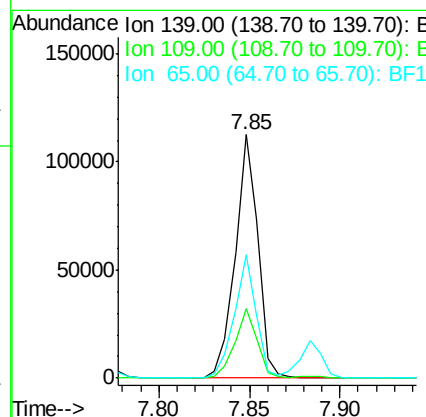
RT: 7.85 min Scan# 937

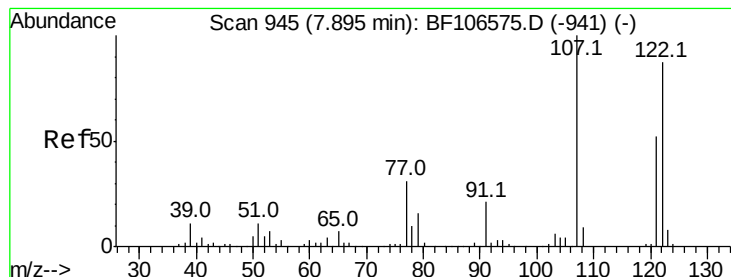
Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 98438 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 28.4  | 22.7  | 34.1  |
| 65        | 50.6  | 40.5  | 60.7  |





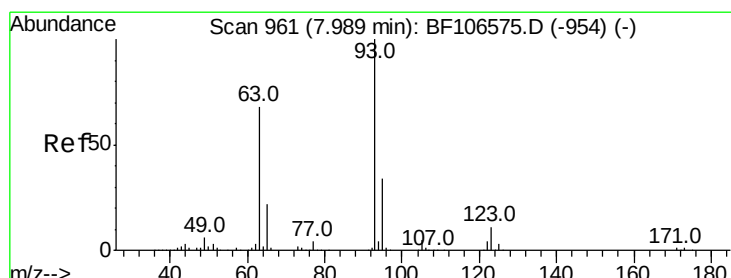
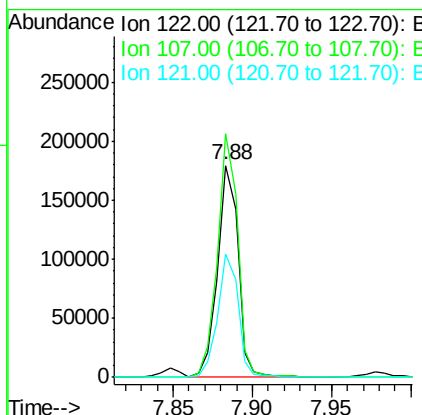
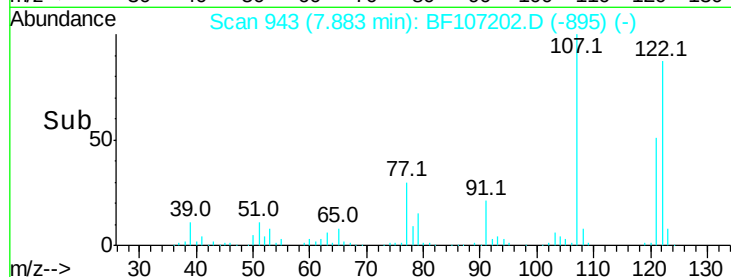
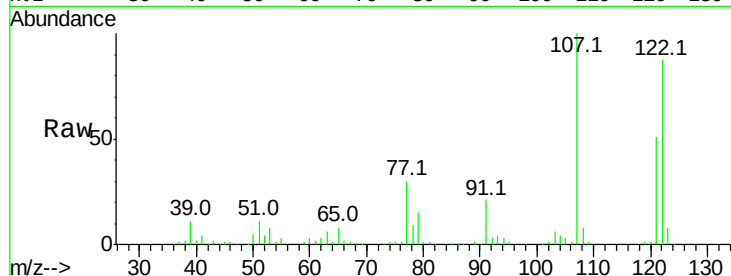
#27  
 2,4-Dimethylphenol  
 Concen: 49.976 ng  
 RT: 7.88 min Scan# 943  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 162729 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 114.9 | 91.2  | 136.8  |
| 121       | 58.2  | 47.2  | 70.8   |

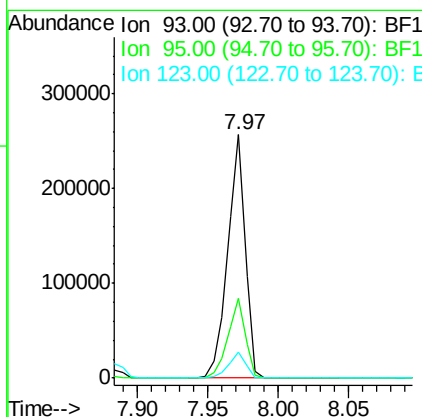
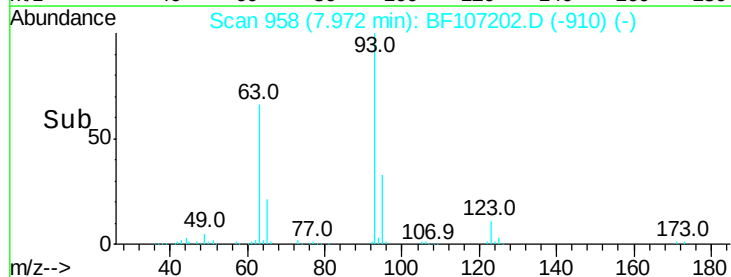
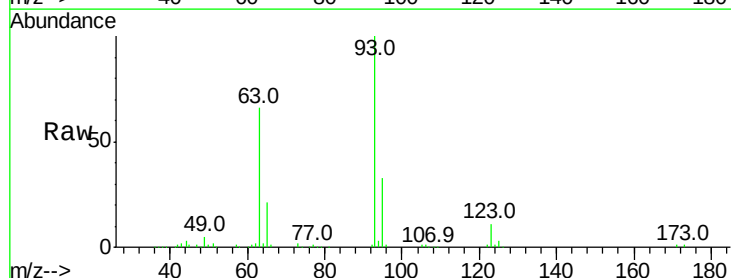
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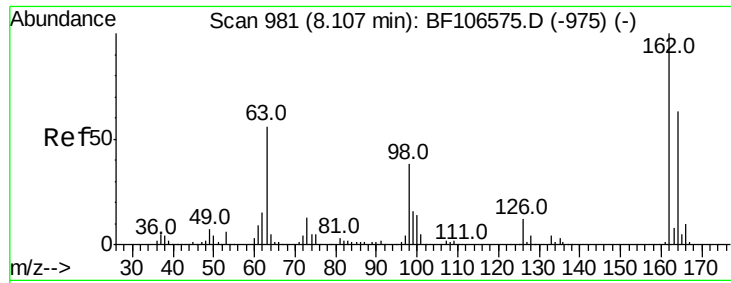
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.039 ng  
 RT: 7.97 min Scan# 958  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 222576 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.5  | 26.3  | 39.5   |
| 123       | 10.6  | 9.8   | 14.6   |





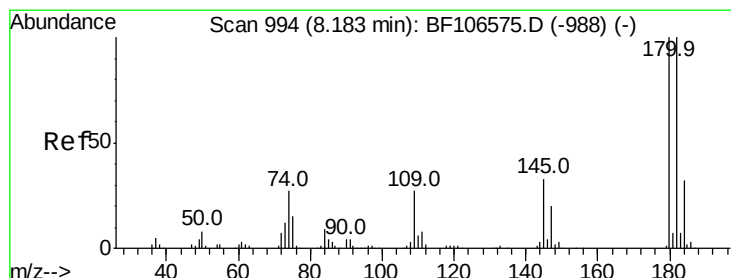
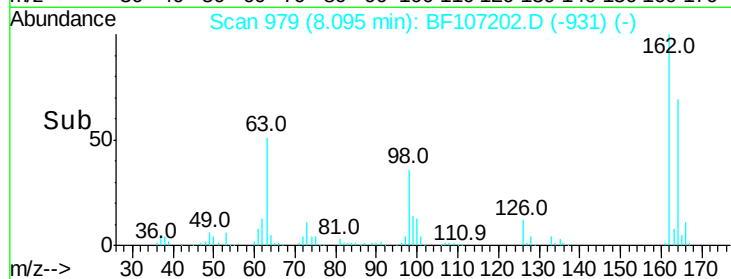
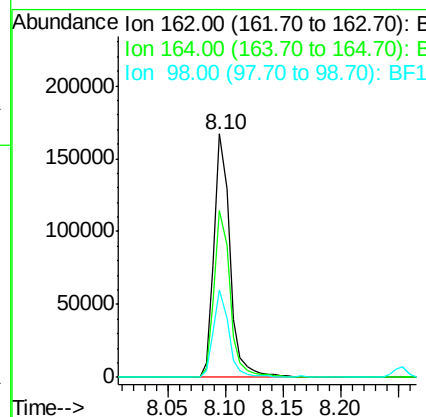
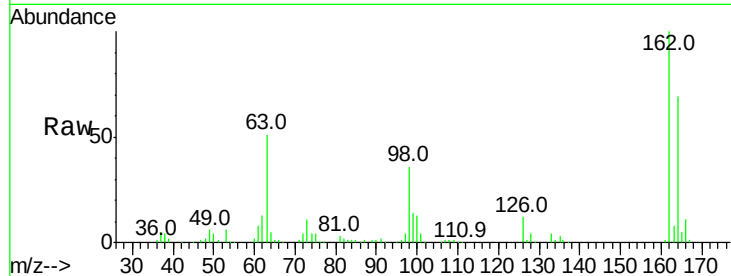
#29  
 2,4-Dichlorophenol  
 Concen: 47.653 ng  
 RT: 8.10 min Scan# 979  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 162449 |       |       |
| 164     | 68.7  | 42.7   | 82.7  |       |
| 98      | 36.1  | 18.1   | 58.1  |       |

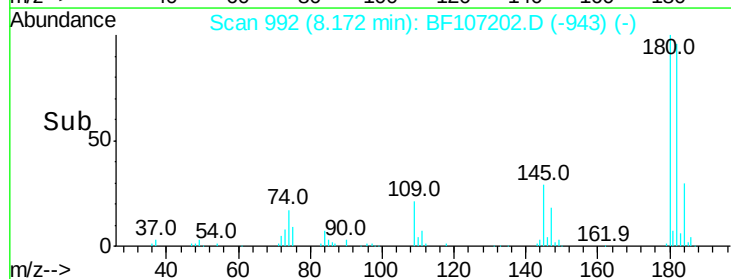
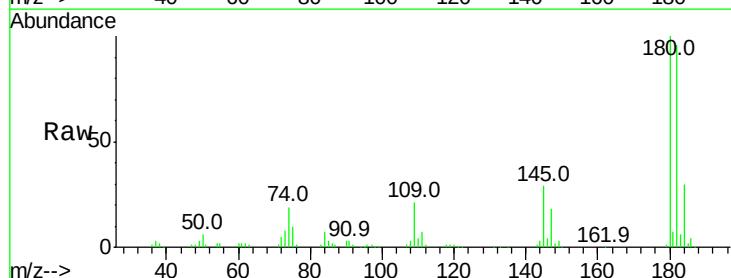
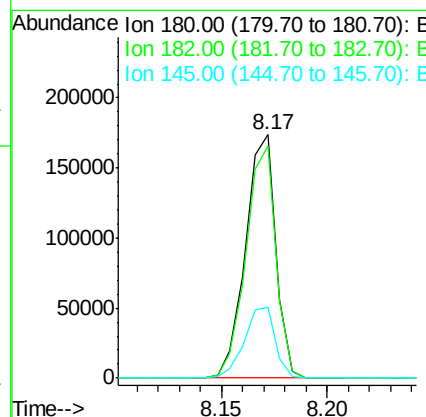
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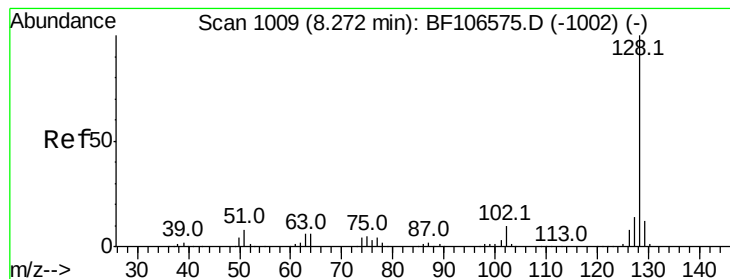
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.915 ng  
 RT: 8.17 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 172429 |       |       |
| 182     | 95.6  | 76.8   | 115.2 |       |
| 145     | 28.9  | 26.5   | 39.7  |       |





#31

Naphthalene

Concen: 42.991 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

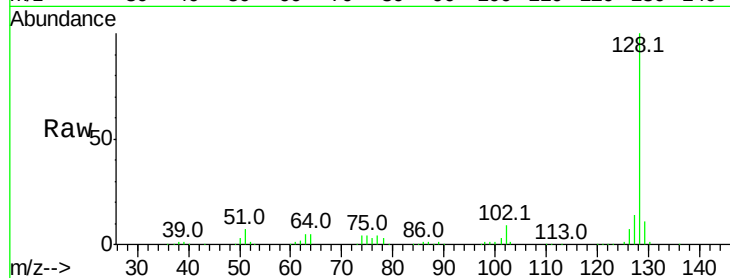
ClientSampleId :

ZER-SB-03-11-72MSD

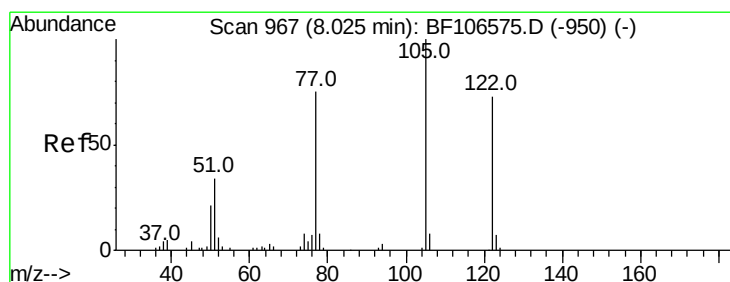
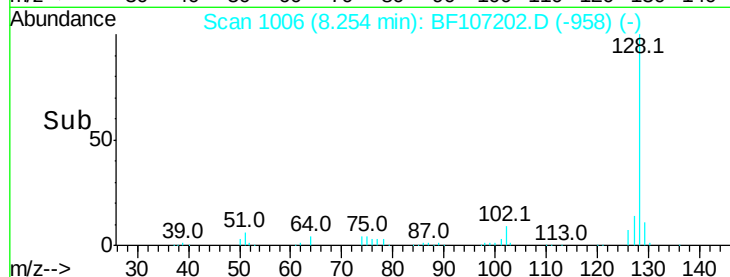
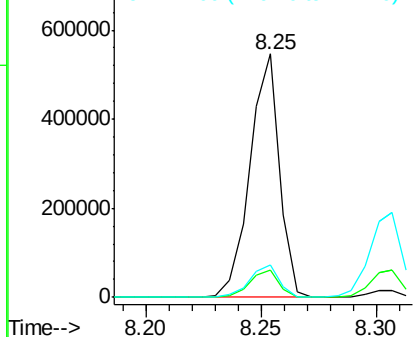
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 488238 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.2  | 8.8   | 13.2   |
| 127       | 13.5  | 10.9  | 16.3   |

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



#32

Benzoic acid

Concen: 8.333 ng

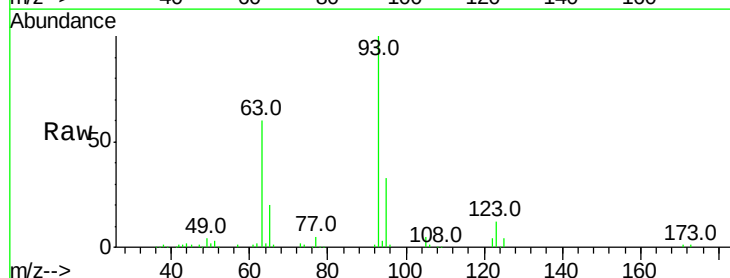
RT: 7.98 min Scan# 959

Delta R.T. -0.06 min

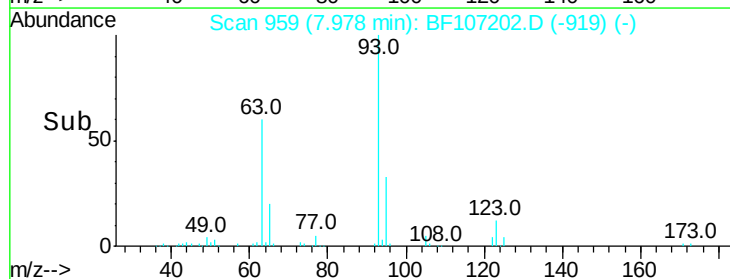
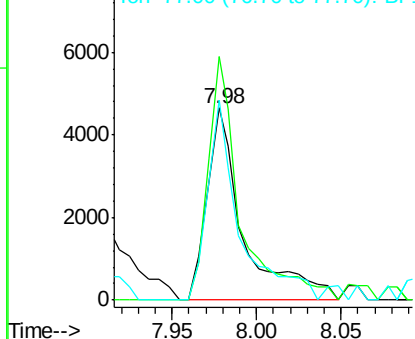
Lab File: BF107202.D

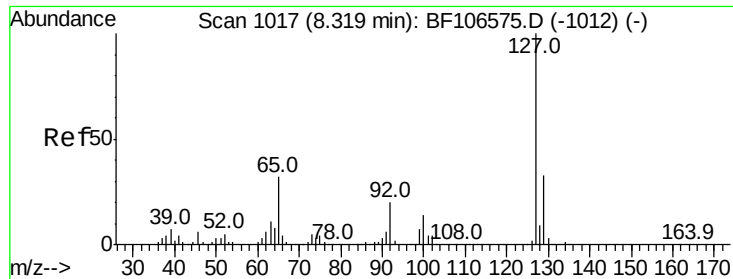
Acq: 7 Jul 2018 13:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 6997  |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 126.7 | 101.1 | 141.1 |
| 77        | 104.1 | 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





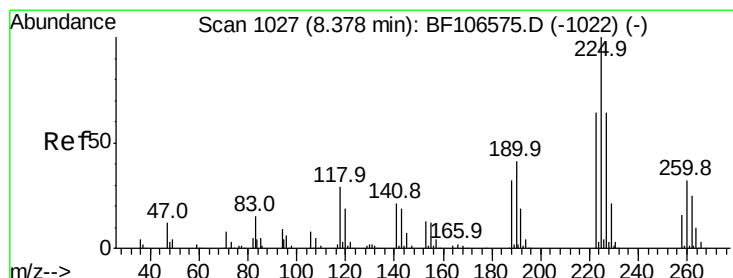
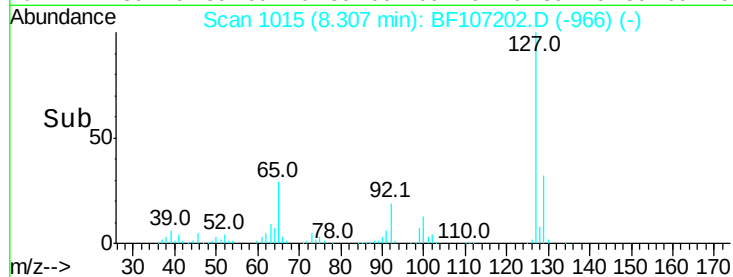
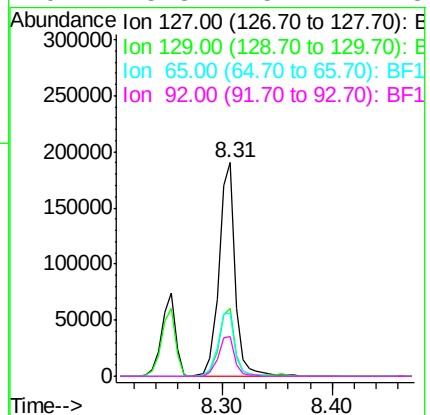
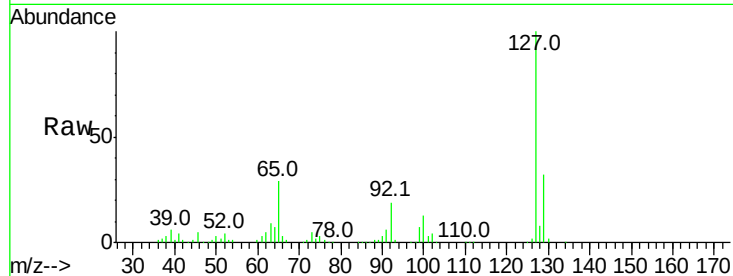
#33  
4-Chloroaniline  
Concen: 40.426 ng  
RT: 8.31 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.6 | 25.9  | 38.9 |       |       |
| 65      | 29.5 | 25.0  | 37.4 |       |       |
| 92      | 18.8 | 15.2  | 22.8 |       |       |

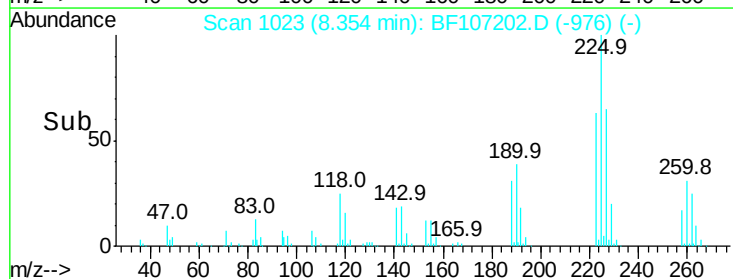
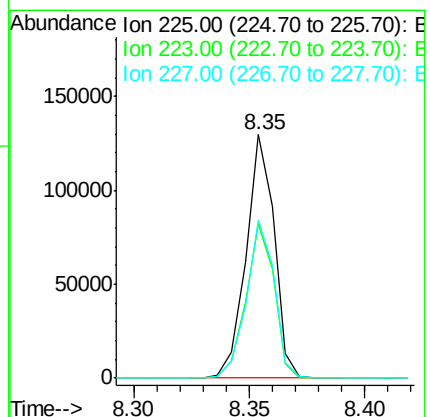
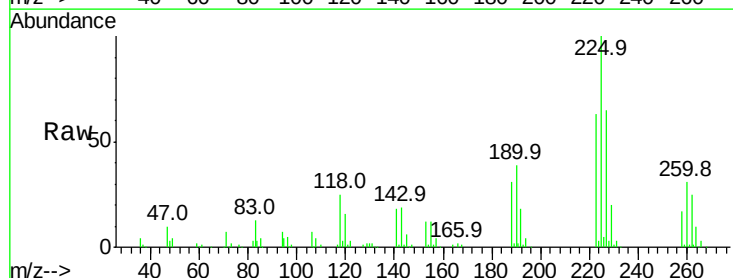
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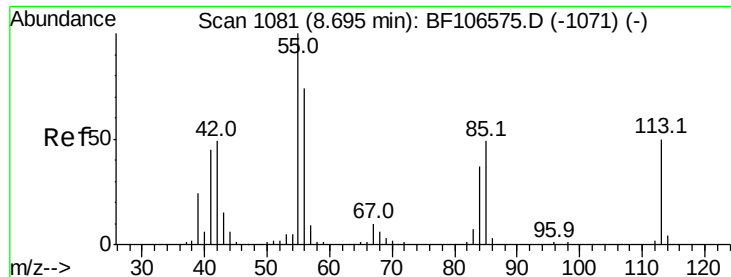
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#34  
Hexachlorobutadiene  
Concen: 45.256 ng  
RT: 8.35 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.4 | 50.6  | 76.0 |       |       |
| 227     | 64.6 | 51.9  | 77.9 |       |       |





#35

Caprolactam

Concen: 43.546 ng/mL

RT: 8.68 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

ZER-SB-03-11-72MSD

Tot Ion:113 Resp: 48389

Ion Ratio Lower Upper

113 100

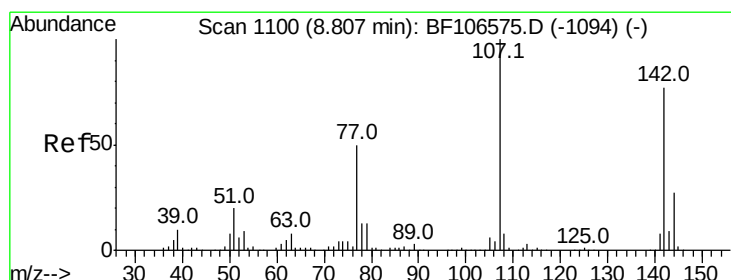
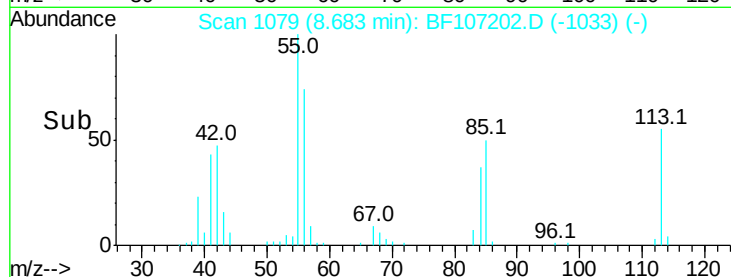
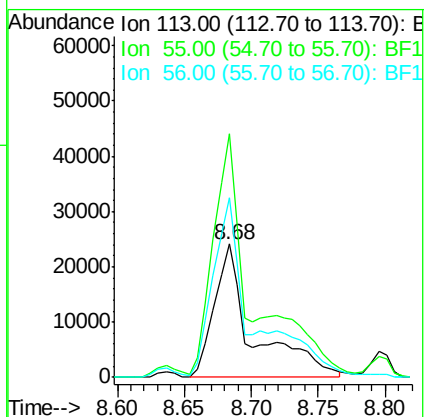
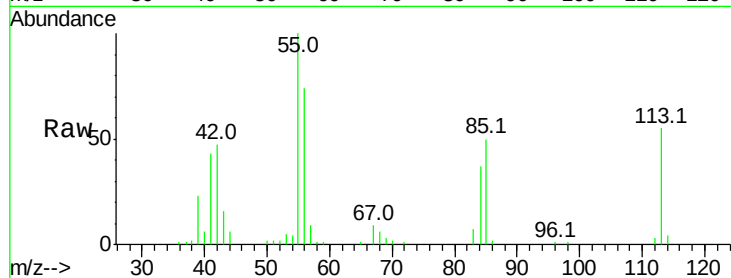
55 182.7 163.3 203.3

56 134.4 115.7 155.7

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 46.239 ng/mL

RT: 8.80 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

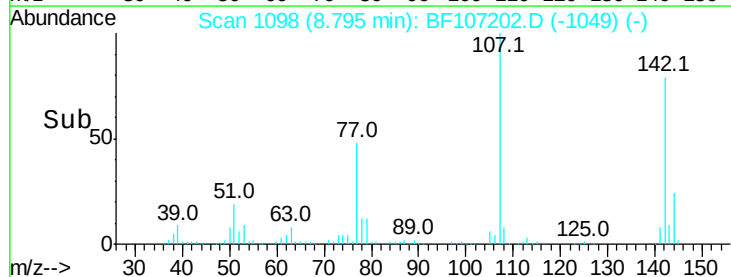
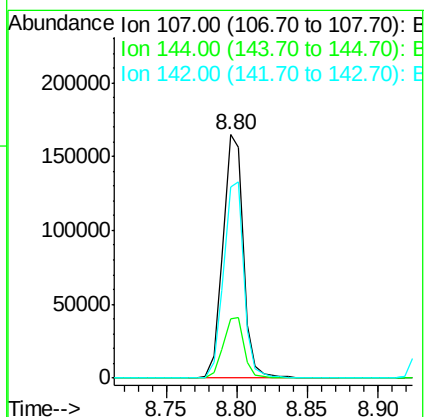
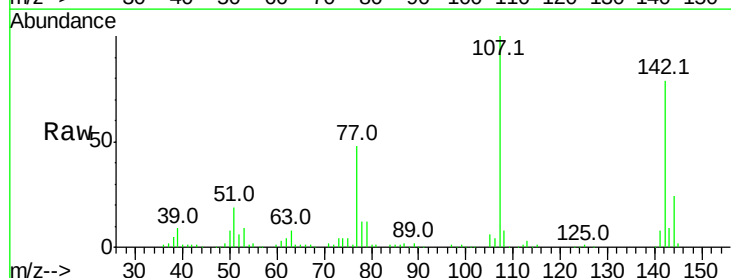
Tgt Ion:107 Resp: 165912

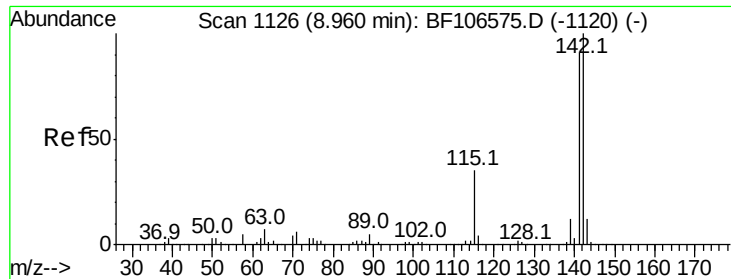
Ion Ratio Lower Upper

107 100

144 24.4 20.5 30.7

142 78.6 62.0 93.0





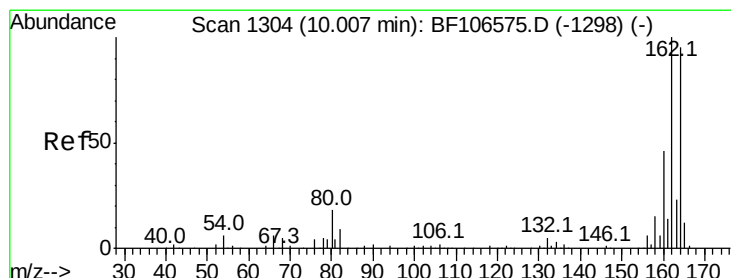
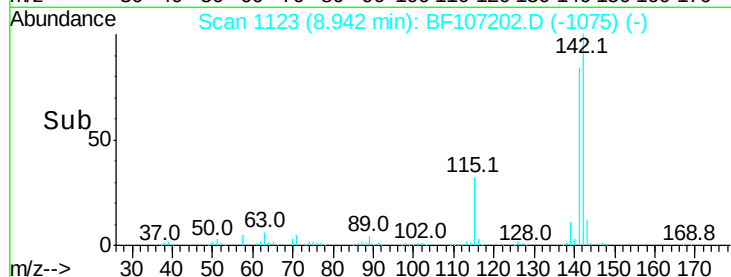
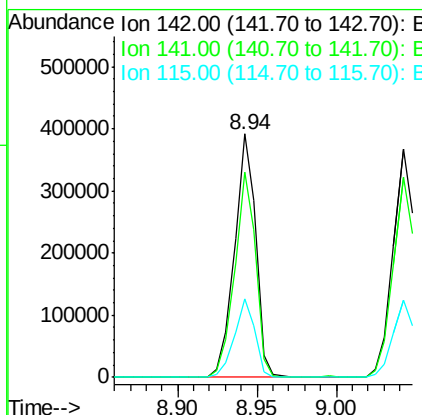
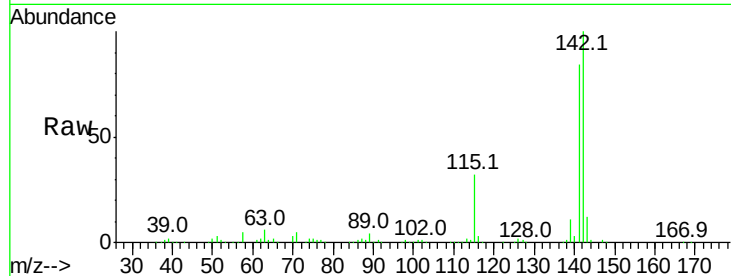
#37  
2-Methylnaphthalene  
Concen: 48.436 ng  
RT: 8.94 min Scan# 1123  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 364603 |       |       |
| 141     | 84.1  | 70.8   | 106.2 |       |
| 115     | 32.2  | 26.1   | 39.1  |       |

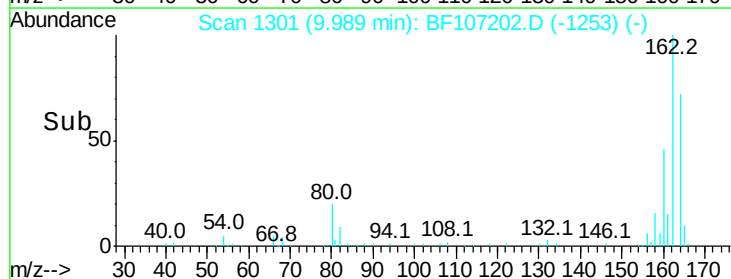
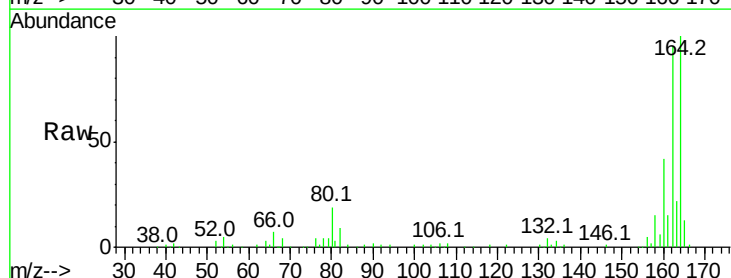
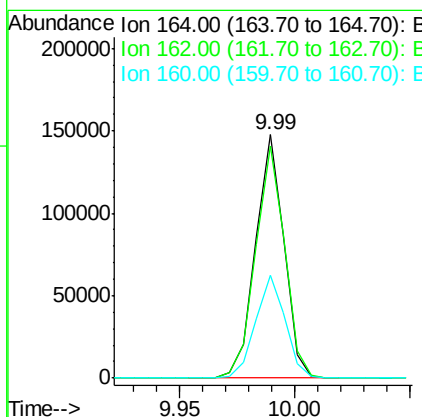
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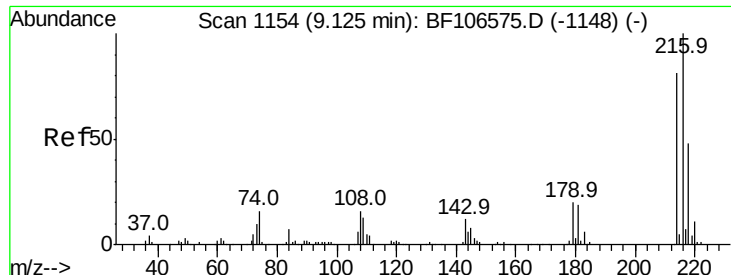
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.99 min Scan# 1301  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 126979 |       |       |
| 162     | 95.2  | 86.1   | 129.1 |       |
| 160     | 42.2  | 38.3   | 57.5  |       |





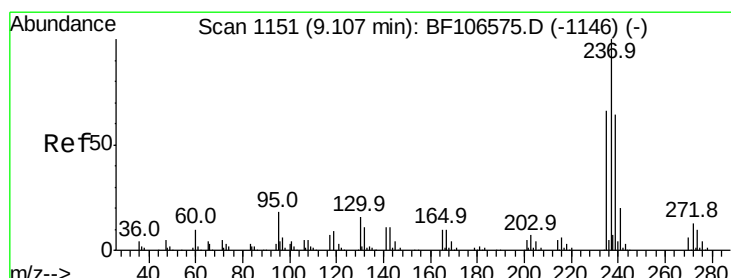
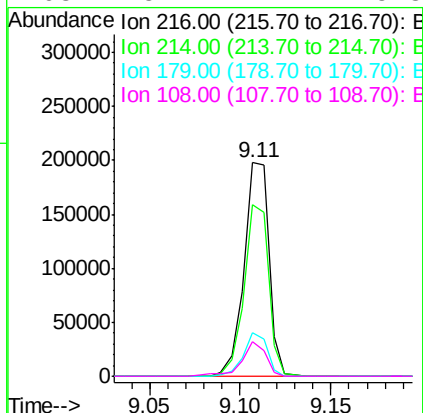
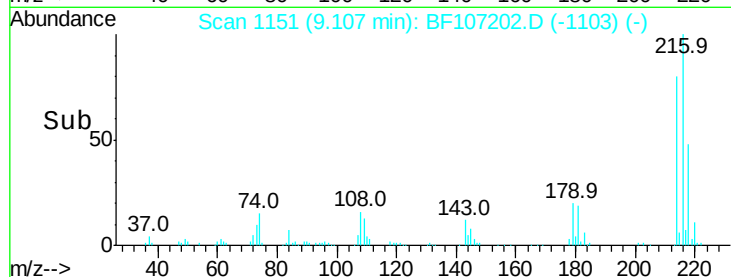
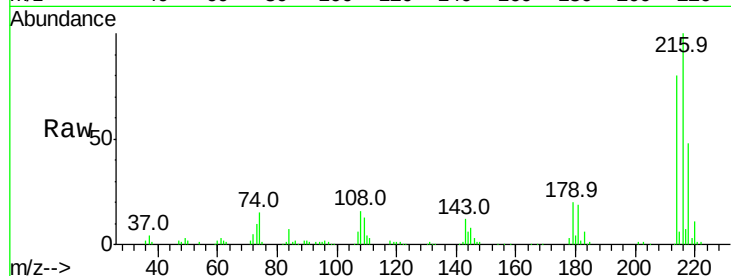
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.362 ng  
 RT: 9.11 min Scan# 1151  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.8  | 63.0       | 94.4  |
| 179     | 19.3  | 18.1       | 27.1  |
| 108     | 15.4  | 17.2       | 25.8# |

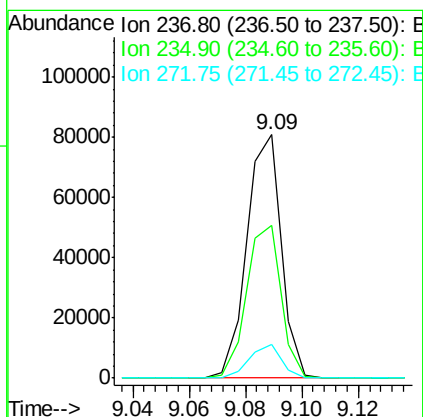
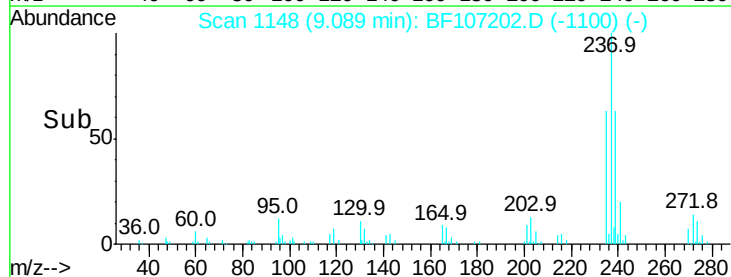
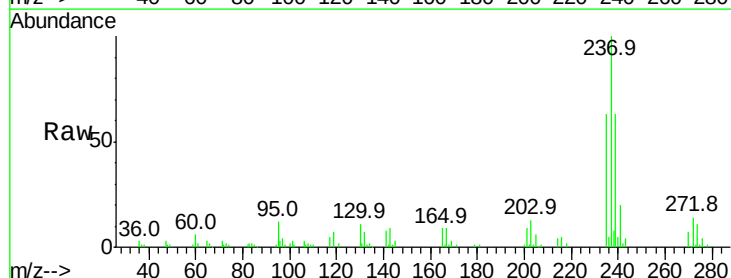
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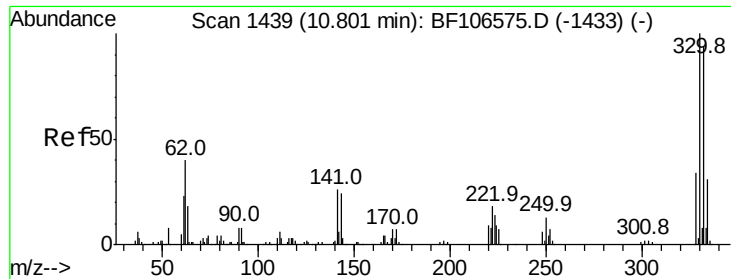


#40  
 Hexachlorocyclopentadiene  
 Concen: 31.047 ng  
 RT: 9.09 min Scan# 1148  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 62.5  | 44.8       | 84.8  |
| 272     | 13.9  | 0.0        | 33.3  |







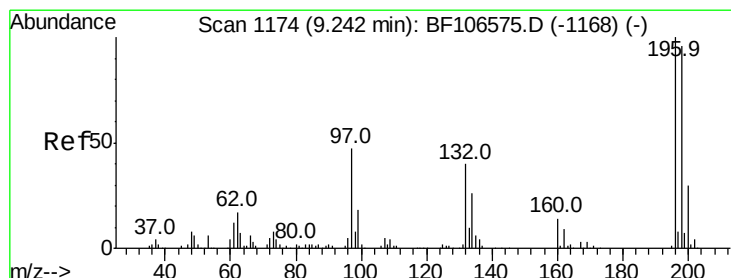
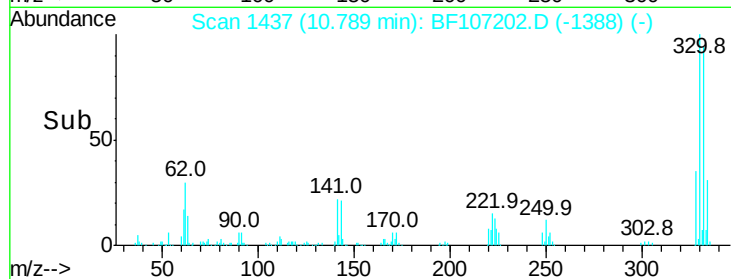
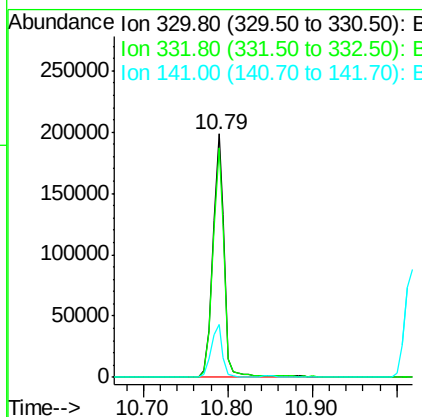
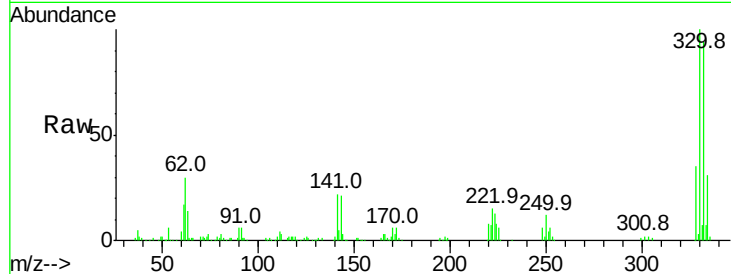
#41  
 2,4,6-Tribromophenol  
 Concen: 132.125 ng  
 RT: 10.79 min Scan# 1437  
 Delta R.T. -0.01 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 194451 |       |       |
| 332     | 94.4  | 77.0   | 115.6 |       |
| 141     | 21.3  | 29.9   | 44.9# |       |

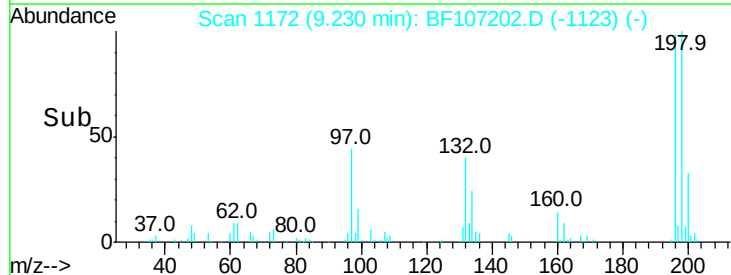
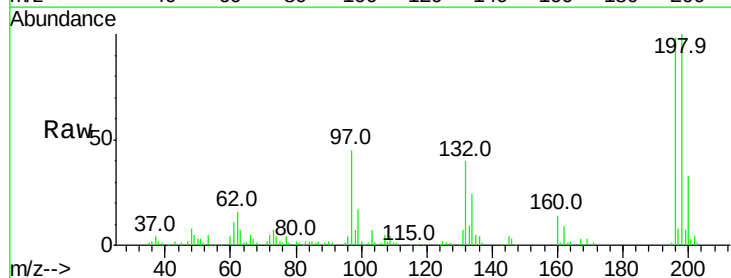
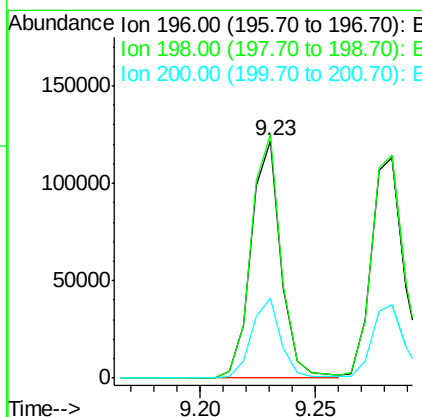
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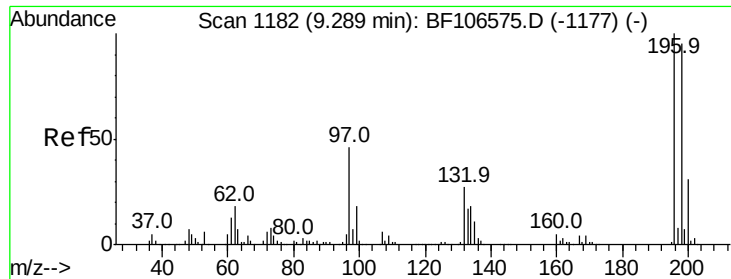
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#42  
 2,4,6-Trichlorophenol  
 Concen: 38.888 ng  
 RT: 9.23 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 110539 |       |       |
| 198     | 102.4 | 75.7   | 113.5 |       |
| 200     | 33.5  | 24.5   | 36.7  |       |





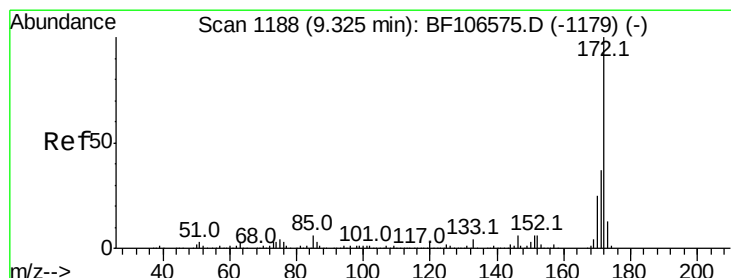
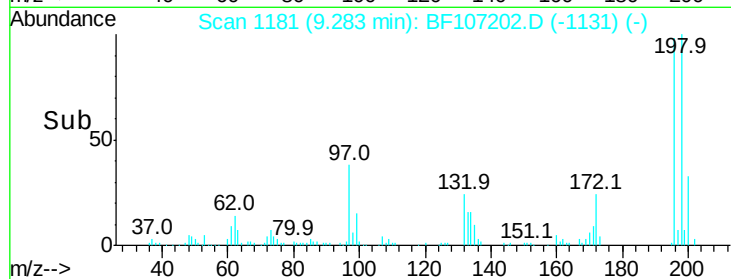
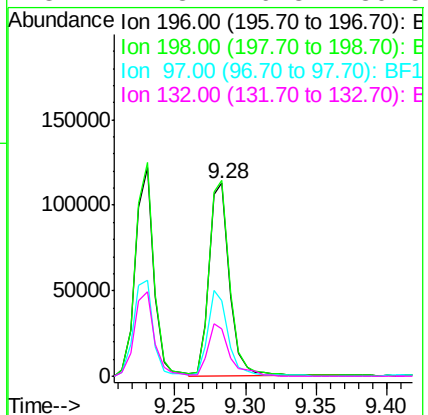
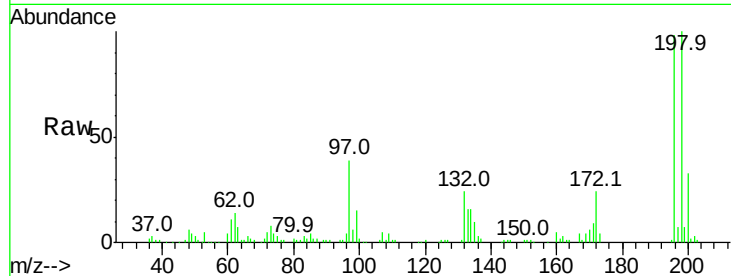
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.347 ng  
 RT: 9.28 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 101.7 | 74.6 | 112.0 |       |
| 97      | 39.3  | 42.9 | 64.3  |       |
| 132     | 24.3  | 26.3 | 39.5  |       |

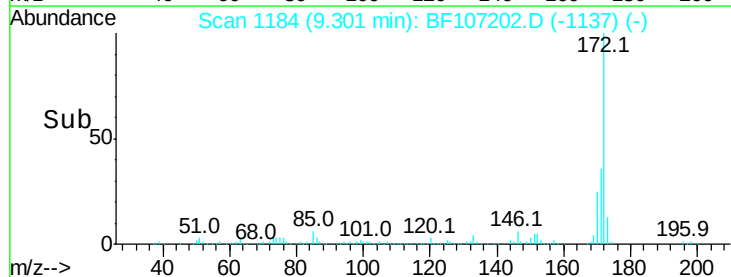
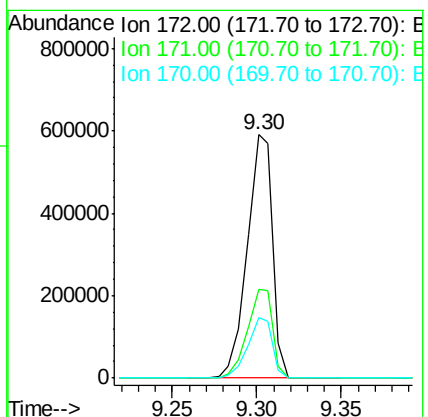
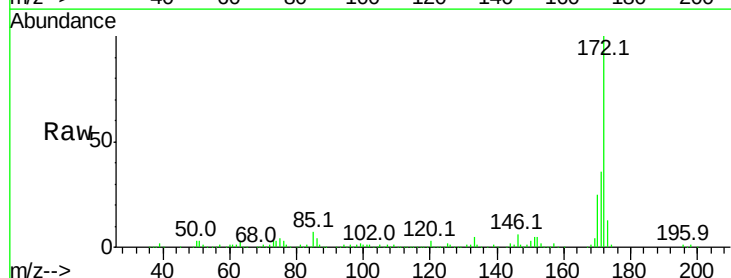
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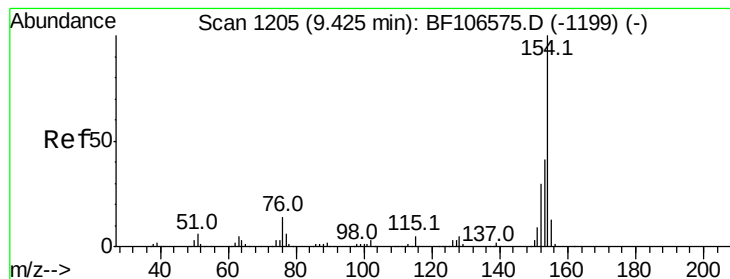
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#44  
 2-Fluorobiphenyl  
 Concen: 81.898 ng  
 RT: 9.30 min Scan# 1184  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 36.4  | 29.7 | 44.5  |       |
| 170     | 24.7  | 19.6 | 29.4  |       |





#45

1,1'-Biphenyl

Concen: 43.091 ng

RT: 9.41 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

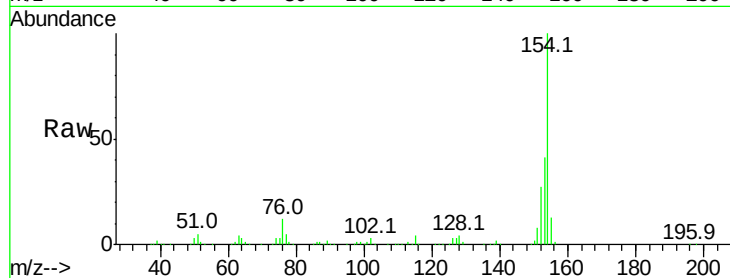
ClientSampleId :

ZER-SB-03-11-72MSD

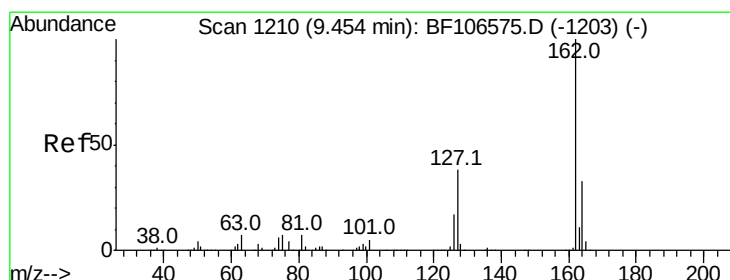
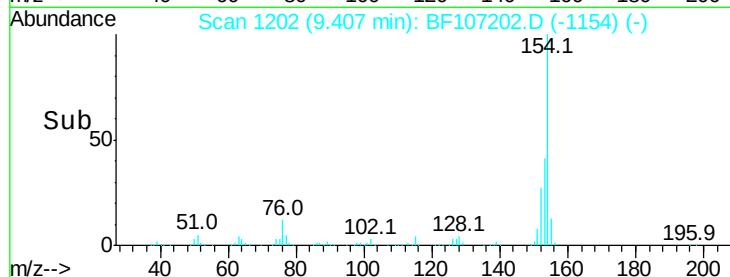
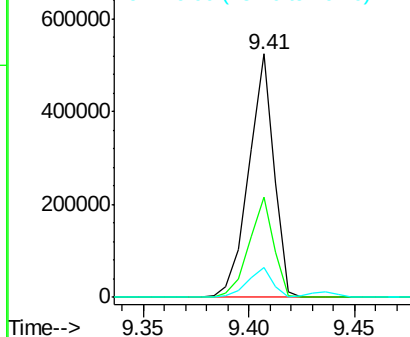
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 436064 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.0  | 21.3  | 61.3   |
| 76        | 12.0  | 0.0   | 34.0   |

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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: 40.283 ng

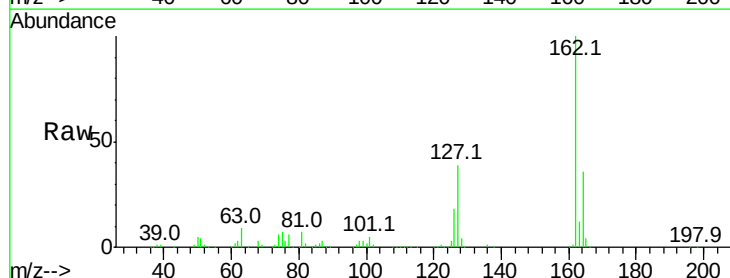
RT: 9.44 min Scan# 1207

Delta R.T. -0.02 min

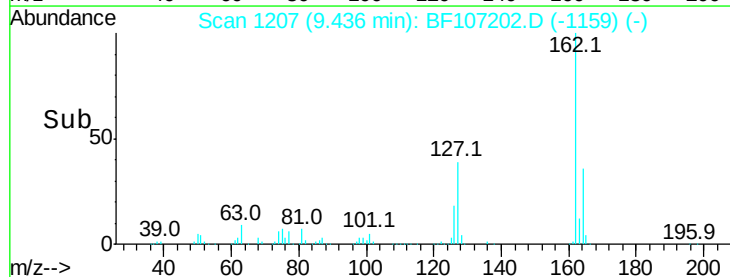
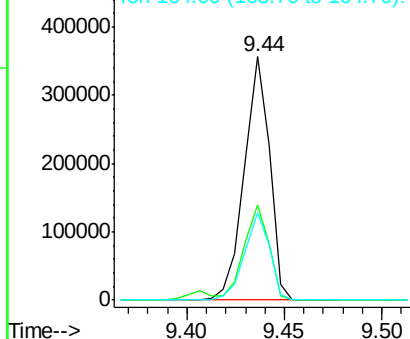
Lab File: BF107202.D

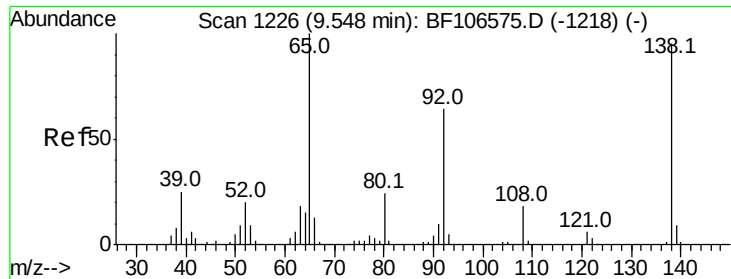
Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 320874 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.3  | 33.9  | 50.9   |
| 164       | 36.1  | 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





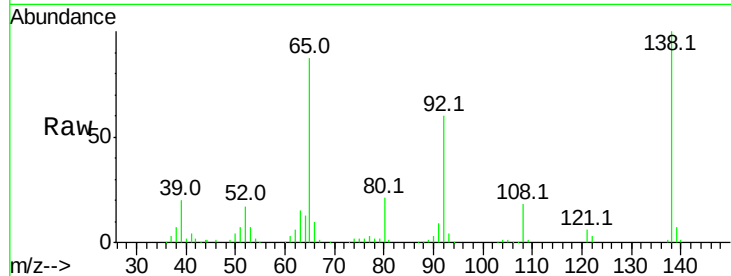
#47  
2-Nitroaniline  
Concen: 39.403 ng  
RT: 9.54 min Scan# 1225  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

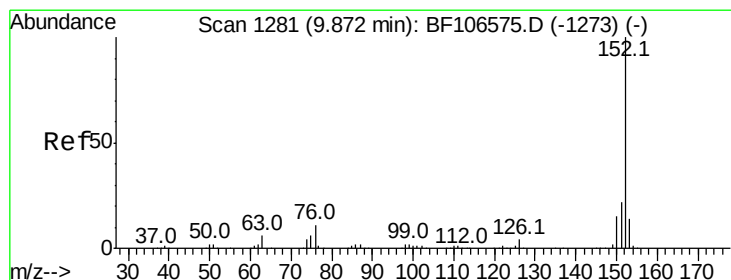
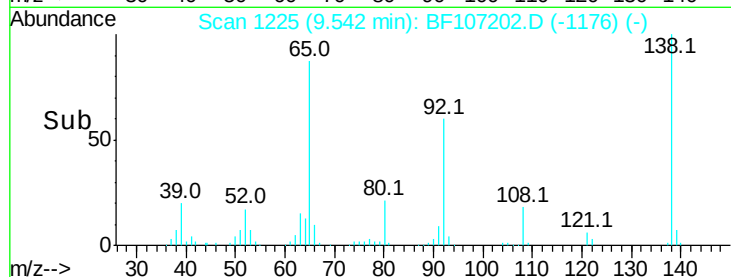
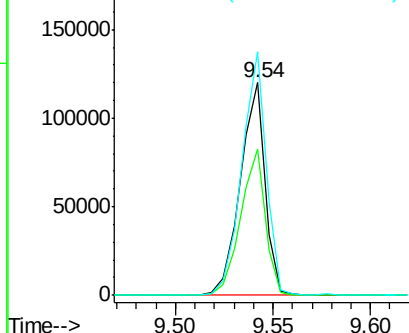
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.8  | 55.8  | 83.6  |
| 138     | 114.5 | 91.2  | 136.8 |

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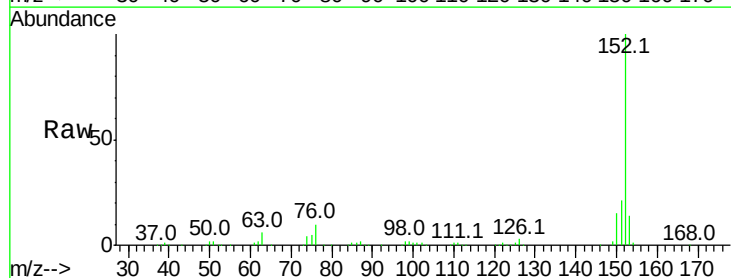


Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

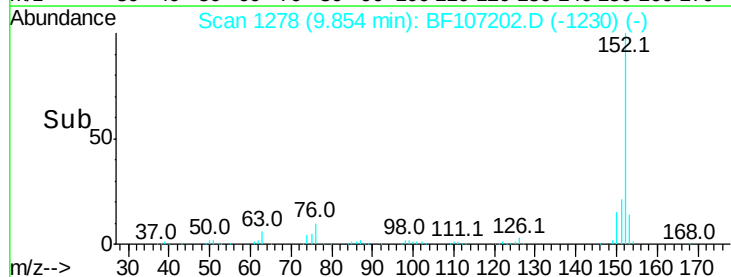
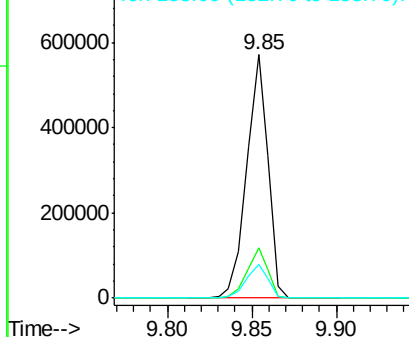


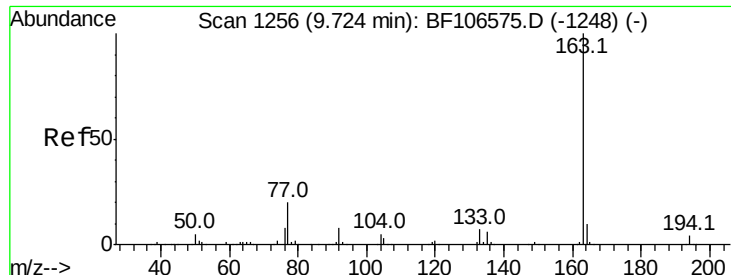
#48  
Acenaphthylene  
Concen: 40.048 ng  
RT: 9.85 min Scan# 1278  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.3  | 24.5  |
| 153     | 14.1  | 10.7  | 16.1  |



Abundance Ion 152.00 (151.70 to 152.70): BF1  
Ion 151.00 (150.70 to 151.70): BF1  
Ion 153.00 (152.70 to 153.70): BF1





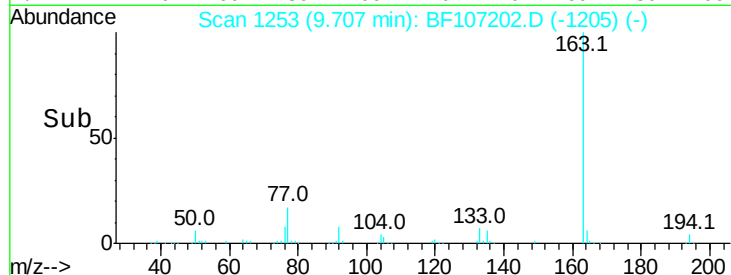
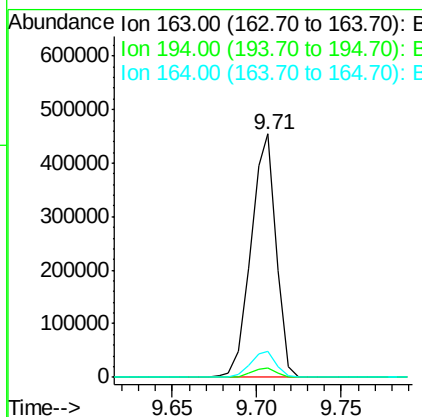
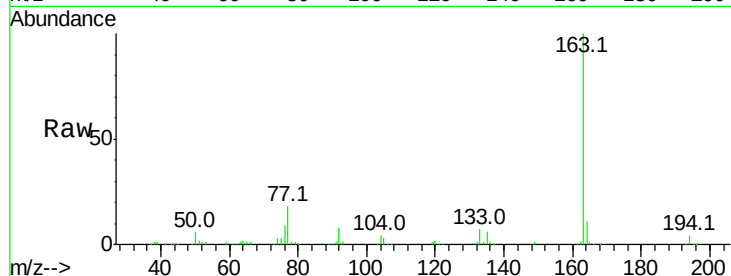
#49  
Dimethylphthalate  
Concen: 49.522 ng  
RT: 9.71 min Scan# 1253  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 471629 |       |       |
| 194     | 3.8   |        | 2.7   | 4.1   |
| 164     | 10.9  |        | 8.2   | 12.2  |

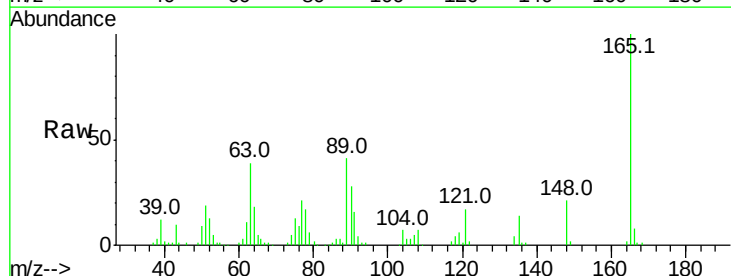
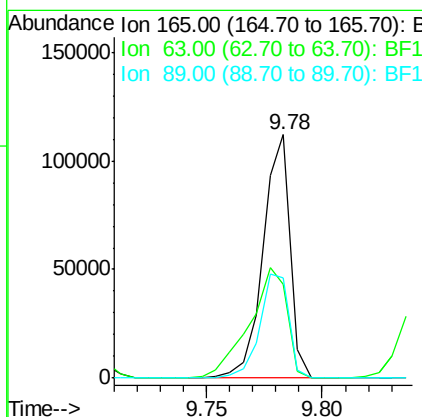
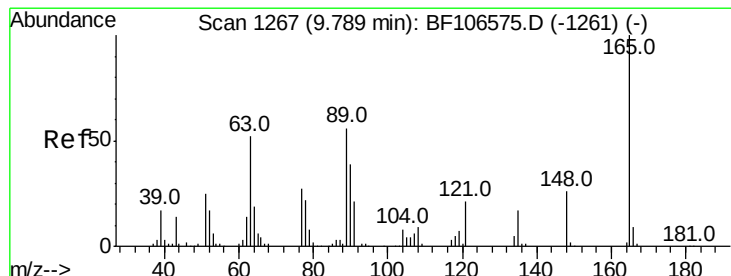
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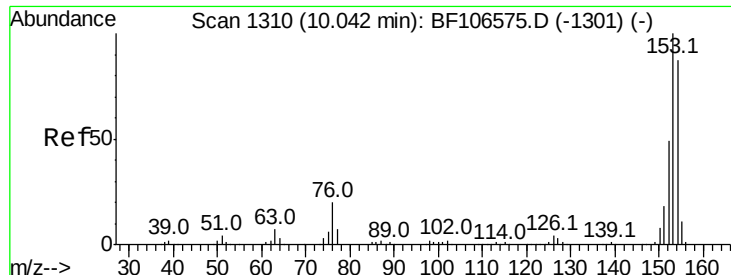
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#50  
2,6-Dinitrotoluene  
Concen: 45.304 ng  
RT: 9.78 min Scan# 1266  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 91362 |       |       |
| 63      | 38.6  |       | 44.7  | 67.1# |
| 89      | 41.1  |       | 44.0  | 66.0# |





#51

Acenaphthene

Concen: 39.114 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

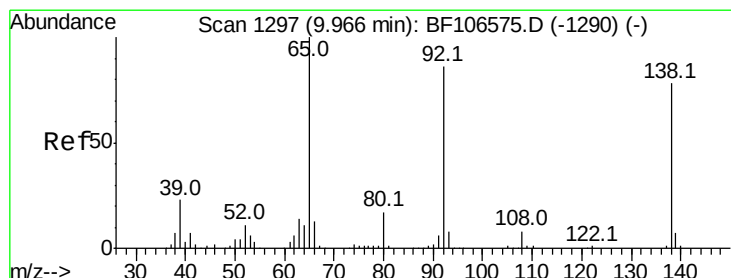
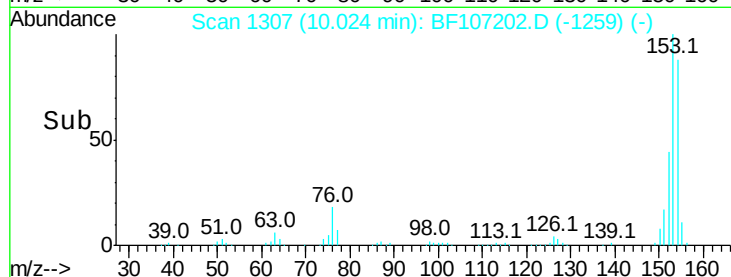
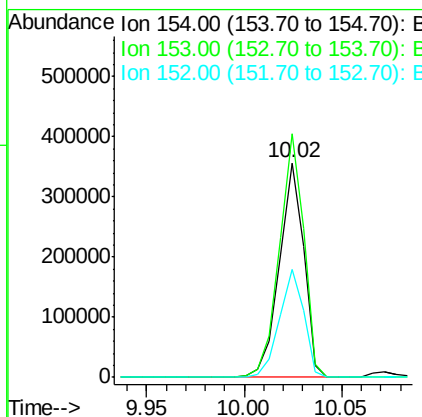
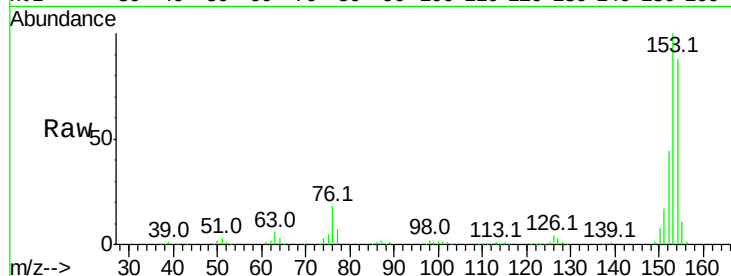
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 309756 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.5 | 91.2  | 136.8  |
| 152       | 50.5  | 43.8  | 65.8   |

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#52

3-Nitroaniline

Concen: 36.809 ng

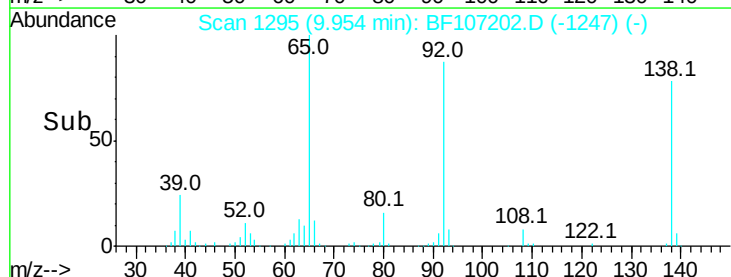
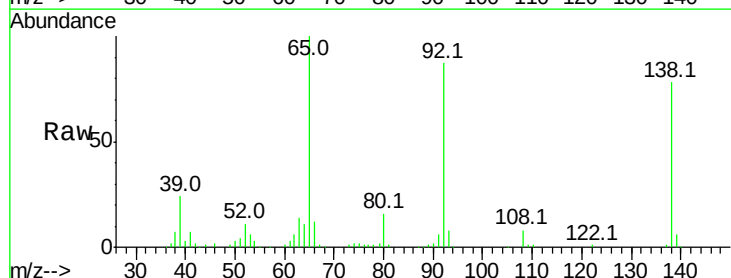
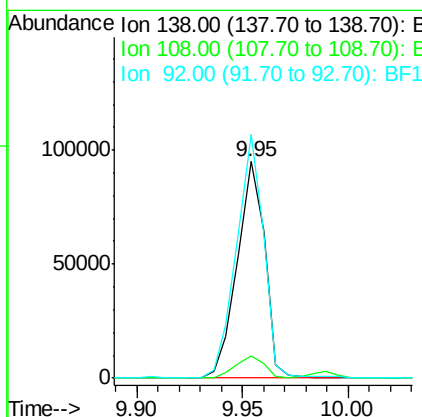
RT: 9.95 min Scan# 1295

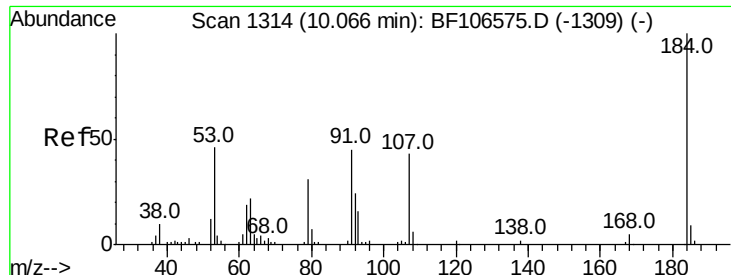
Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 85420 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.3  | 9.4   | 14.0  |
| 92        | 112.5 | 89.4  | 134.2 |





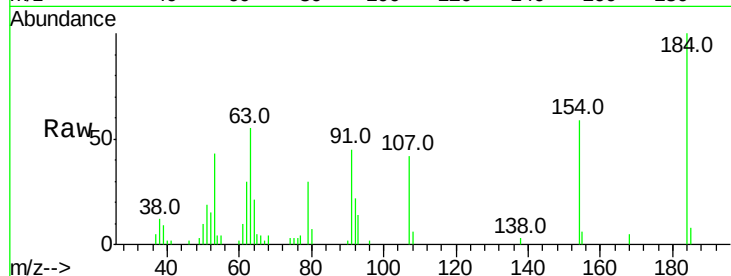
#53  
2,4-Dinitrophenol  
Concen: 25.340 ng  
RT: 10.07 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

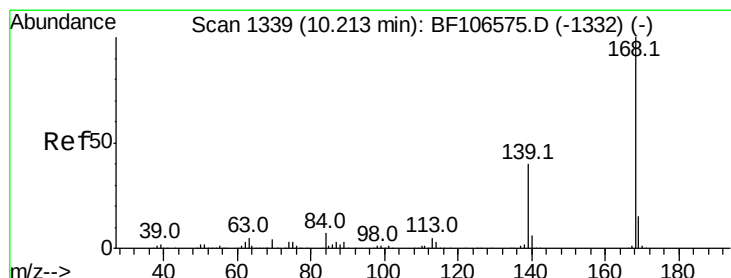
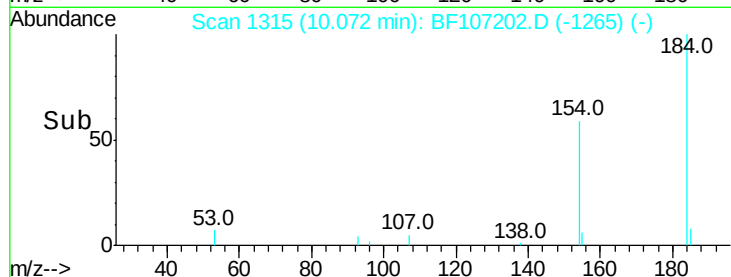
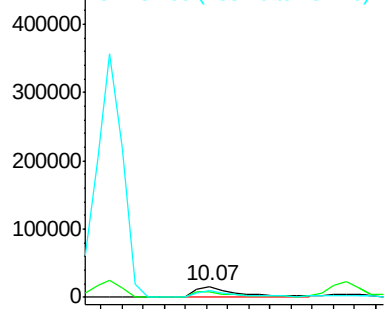
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 54.5  | 54.2  | 81.2   |
| 154     | 58.6  | 184.0 | 276.0# |

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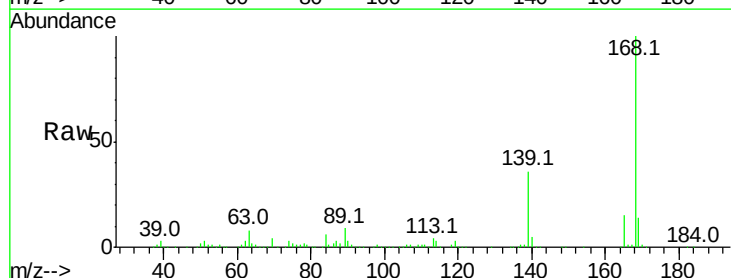


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

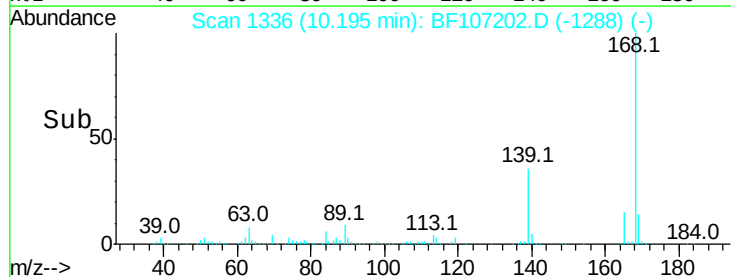
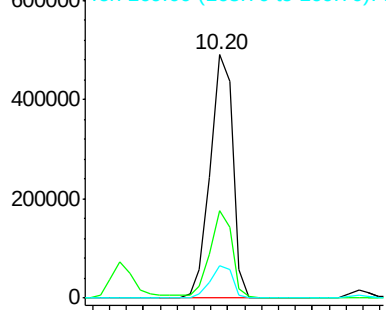


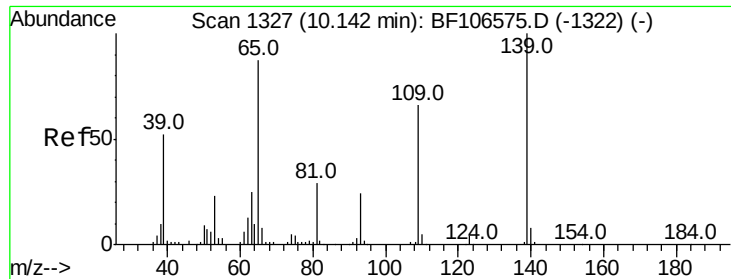
#54  
Dibenzofuran  
Concen: 42.311 ng  
RT: 10.20 min Scan# 1336  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.7  | 30.1  | 45.1  |
| 169     | 13.5  | 10.9  | 16.3  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





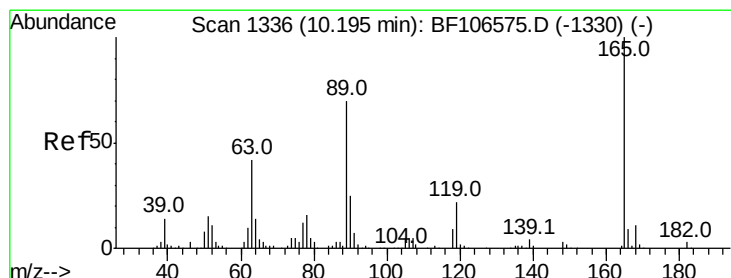
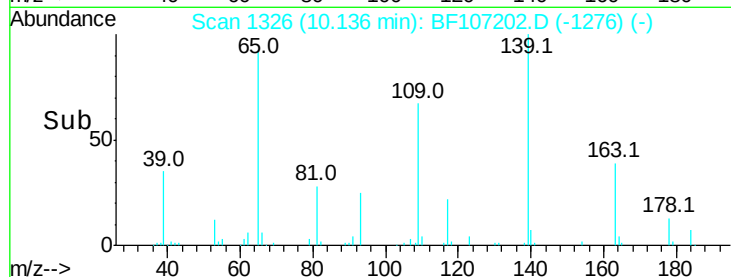
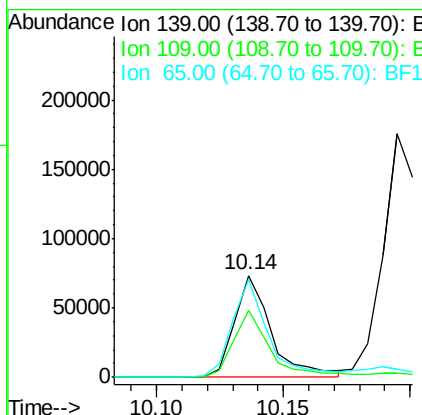
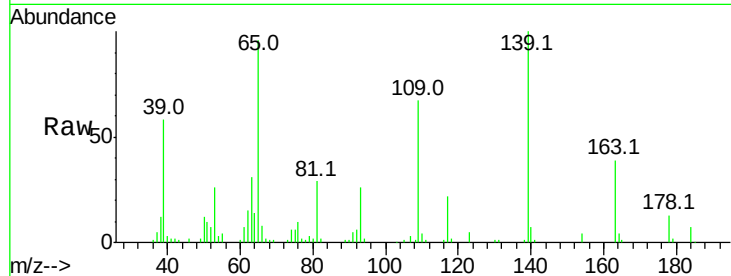
#55  
4-Nitrophenol  
Concen: 45.785 ng  
RT: 10.14 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.5  | 48.4  | 88.4  |
| 65      | 95.8  | 72.6  | 112.6 |

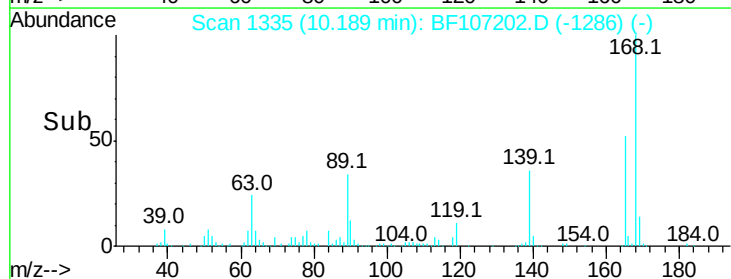
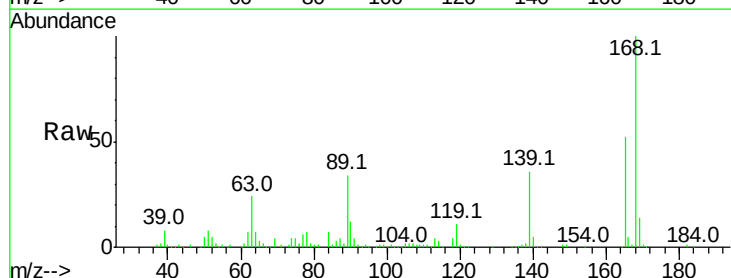
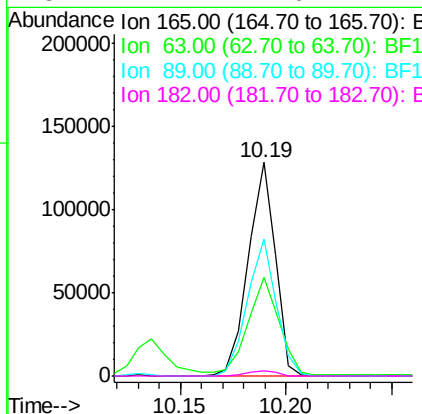
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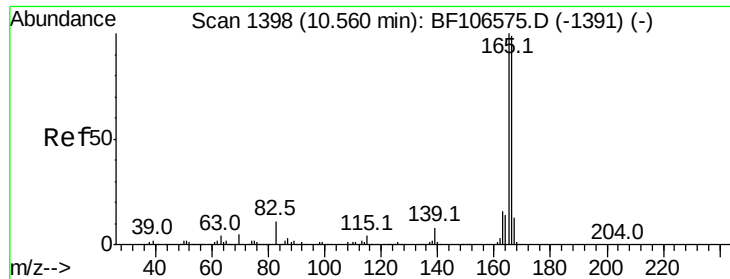


#56  
2,4-Dinitrotoluene  
Concen: 43.420 ng  
RT: 10.19 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.0  | 36.4  | 54.6  |
| 89      | 64.3  | 57.8  | 86.6  |
| 182     | 2.2   | 1.6   | 2.4   |







#57

Fluorene

Concen: 43.390 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

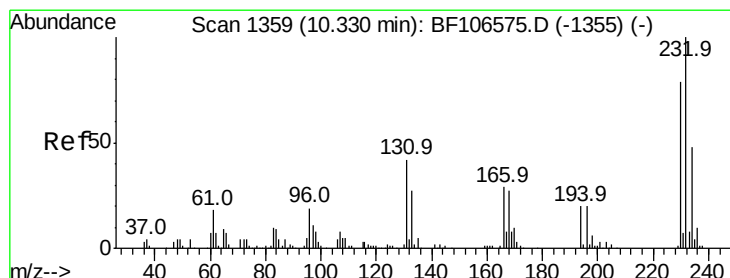
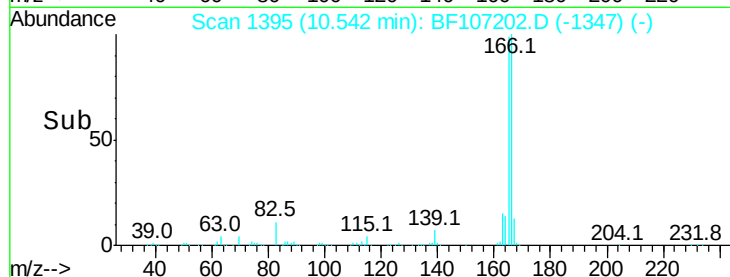
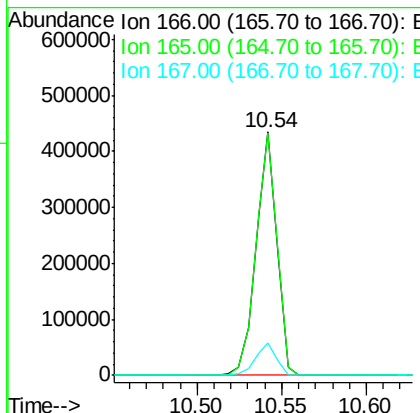
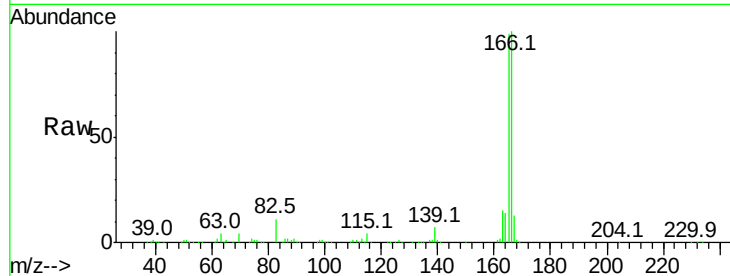
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 373375 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.4  | 79.8  | 119.8  |
| 167       | 13.1  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.284 ng

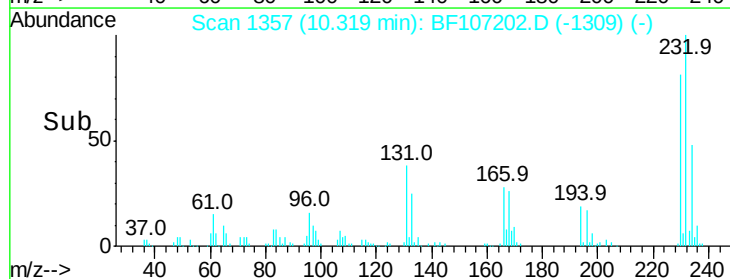
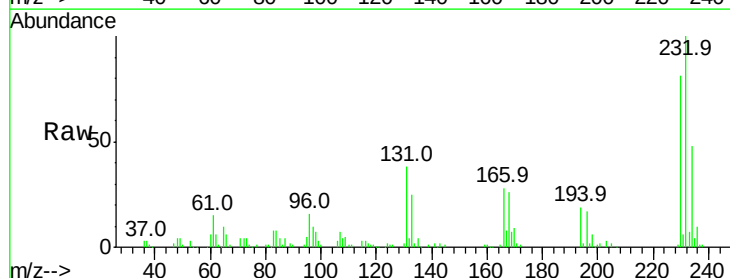
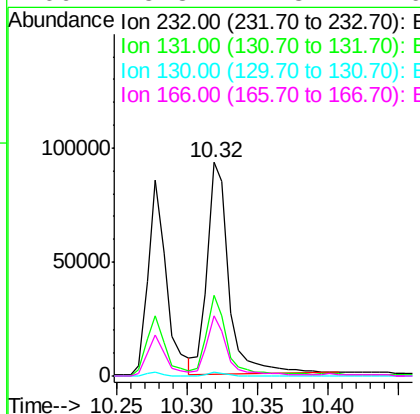
RT: 10.32 min Scan# 1357

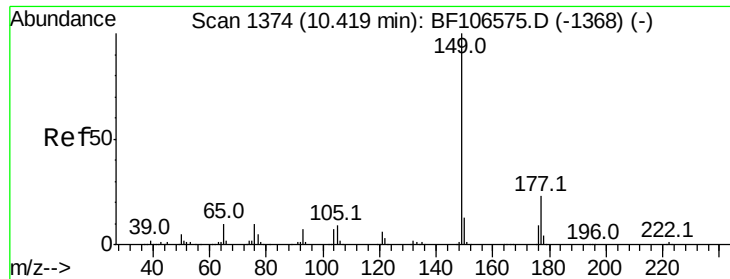
Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 99695 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 34.6  | 43.8  | 65.8# |
| 130       | 1.2   | 2.1   | 3.1#  |
| 166       | 25.8  | 27.8  | 41.6# |





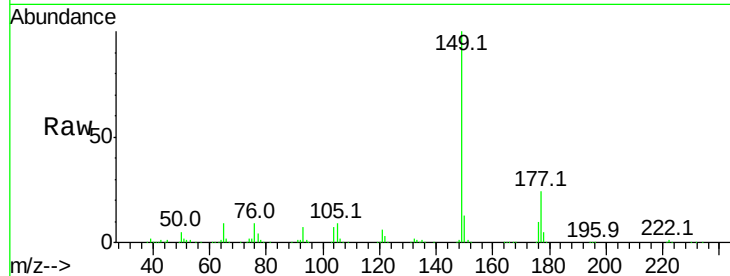
#59  
Diethylphthalate  
Concen: 39.597 ng  
RT: 10.40 min Scan# 1371  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

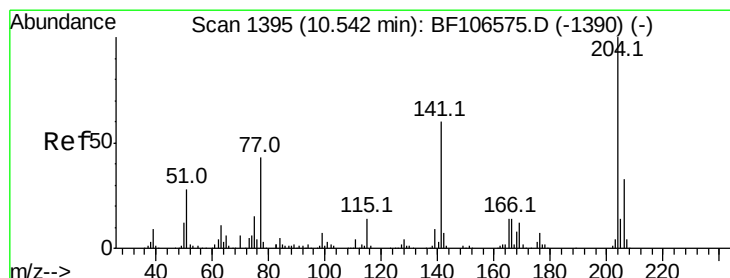
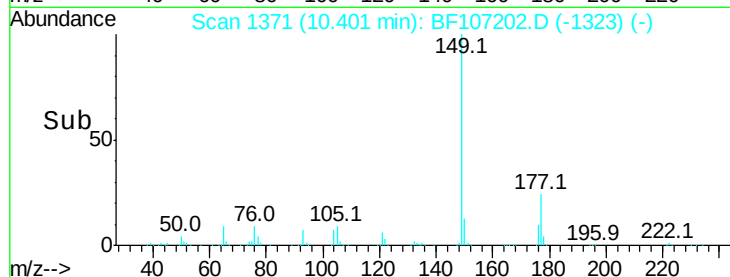
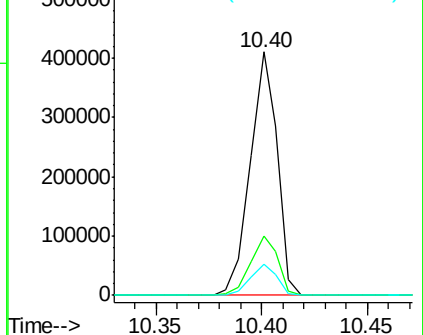
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.5  | 16.1  | 24.1# |
| 150     | 12.7  | 10.1  | 15.1  |

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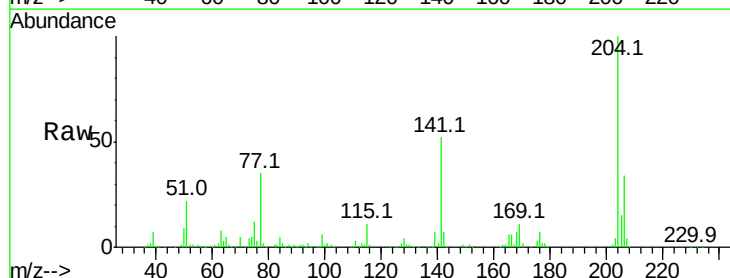


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

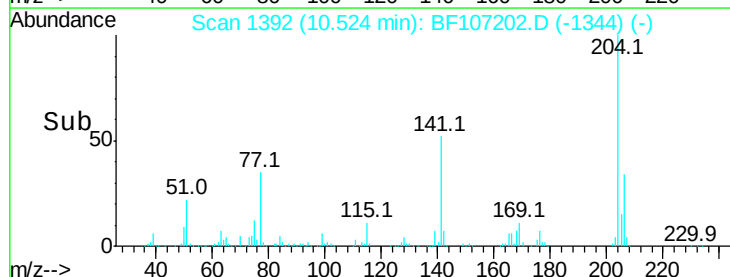
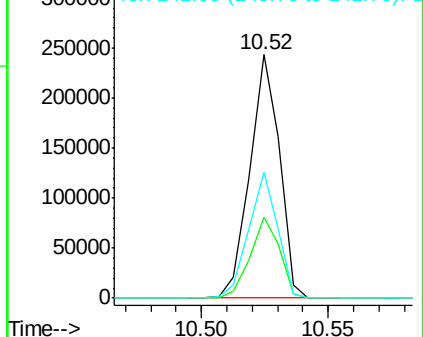


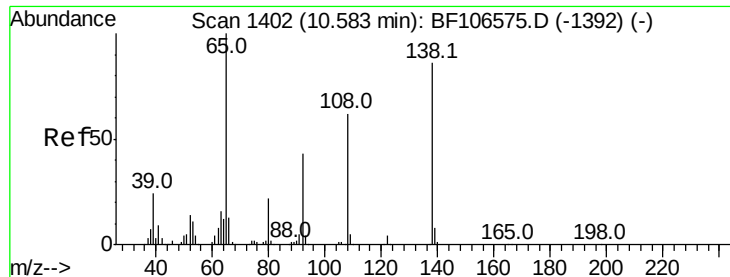
#60  
4-Chlorophenyl-phenylether  
Concen: 43.730 ng  
RT: 10.52 min Scan# 1392  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 26.5  | 39.7  |
| 141     | 51.7  | 54.6  | 81.8# |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





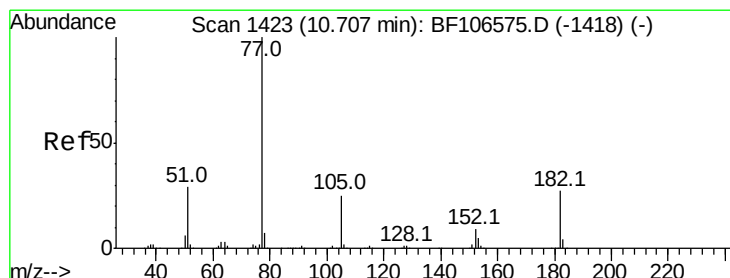
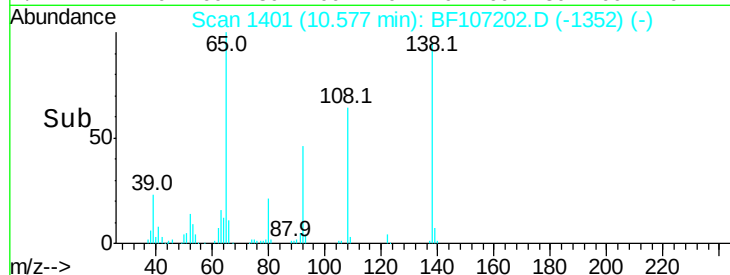
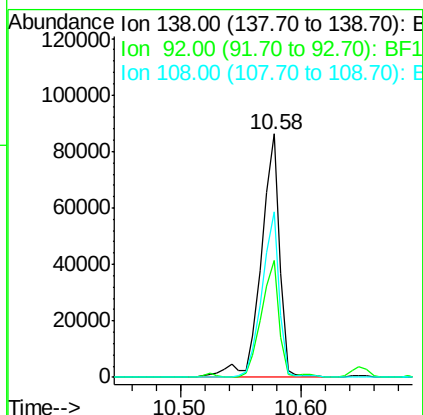
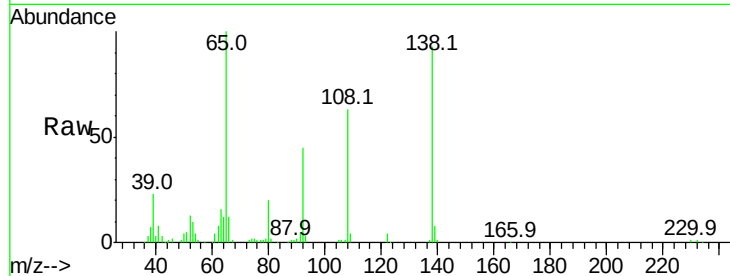
#61  
4-Nitroaniline  
Concen: 40.141 ng  
RT: 10.58 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.1  | 30.2  | 70.2  |
| 108     | 67.7  | 52.5  | 92.5  |

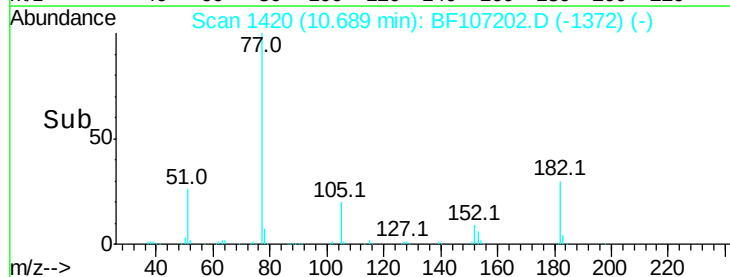
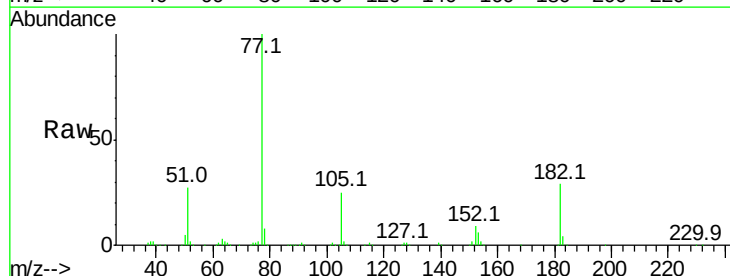
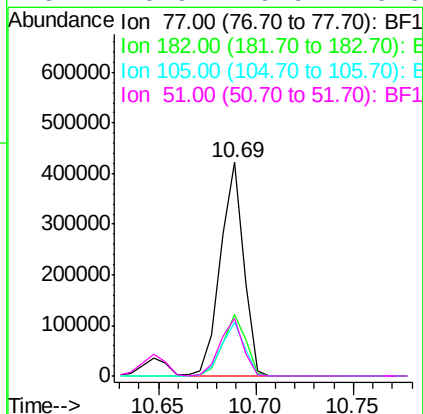
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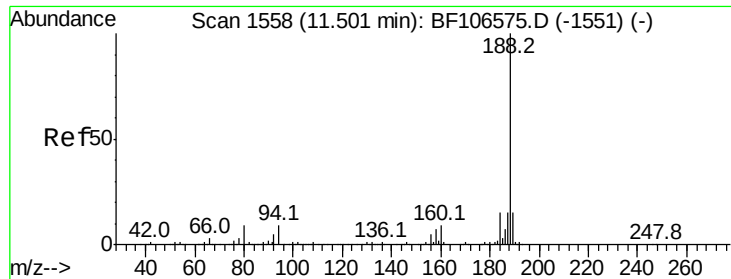
Sohil  
7/9/2018 2:06:15 PM



#62  
Azobenzene  
Concen: 38.517 ng  
RT: 10.69 min Scan# 1420  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.9  | 1.7   | 41.7  |
| 105     | 25.1  | 3.0   | 43.0  |
| 51      | 26.9  | 9.9   | 49.9  |





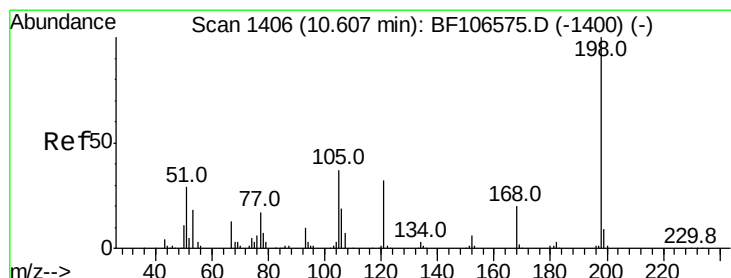
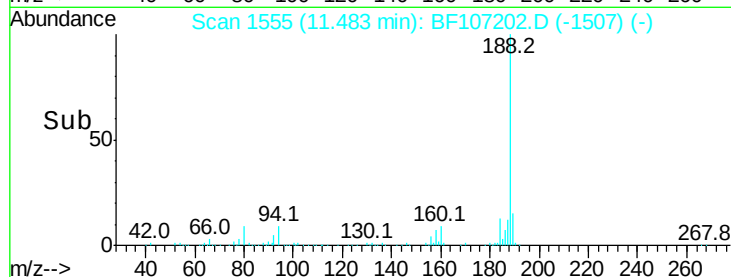
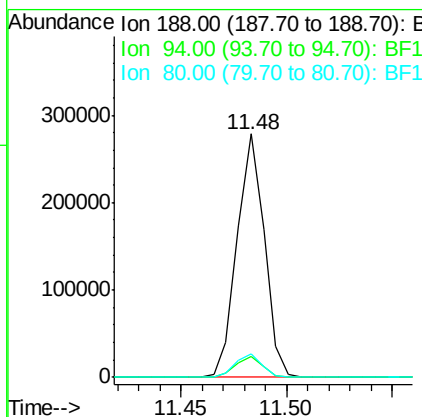
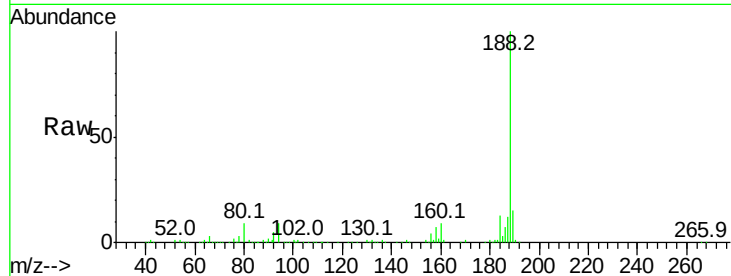
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1555  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 8.6   | 8.5  | 12.7  |       |
| 80      | 9.4   | 9.2  | 13.8  |       |

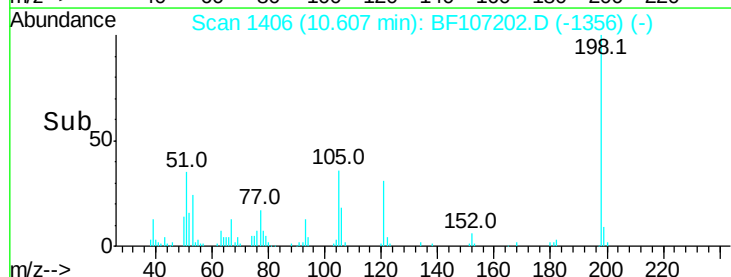
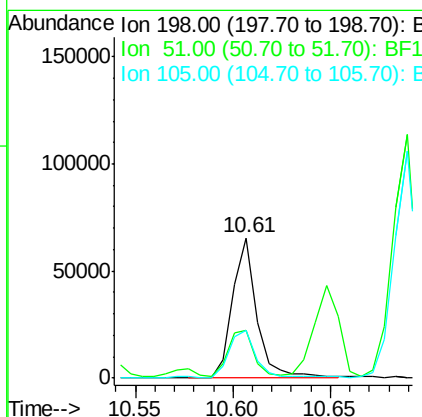
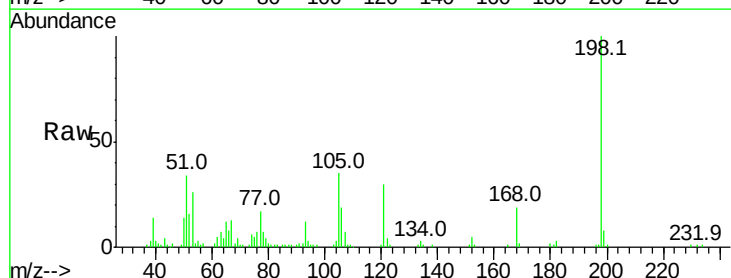
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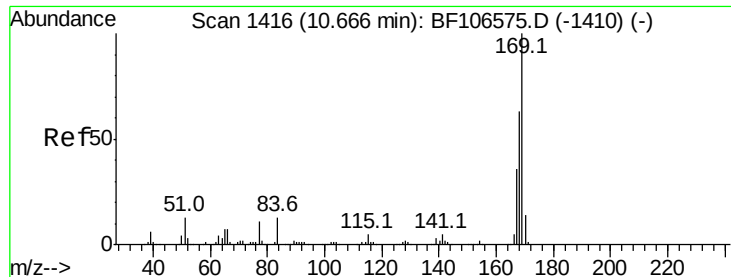
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.869 ng  
RT: 10.61 min Scan# 1406  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 33.8  | 37.7 | 77.7# |       |
| 105     | 34.5  | 36.3 | 76.3# |       |





#65

n-Nitrosodiphenylamine

Concen: 38.866 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

ZER-SB-03-11-72MSD

Tot Ion:169 Resp: 325436

Ion Ratio Lower Upper

169 100

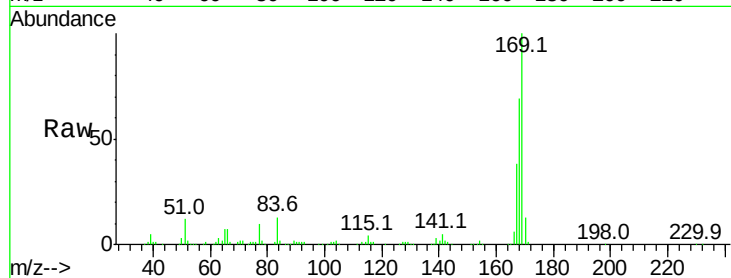
168 69.0 54.4 81.6

167 37.8 29.8 44.6

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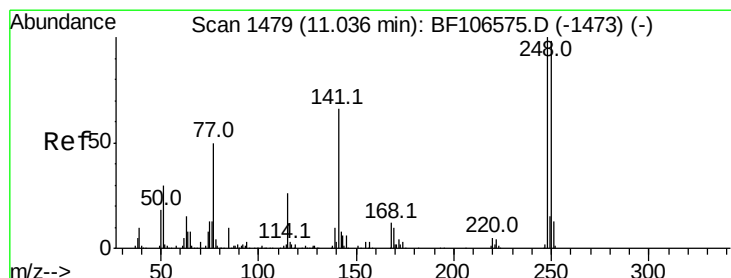
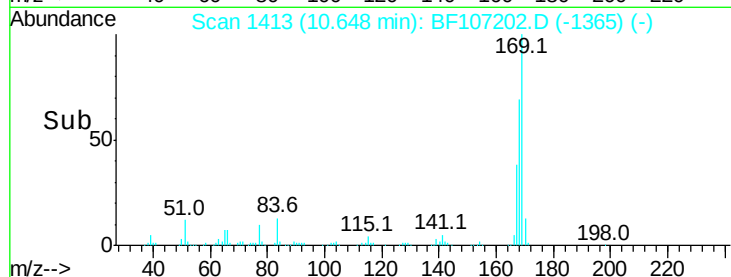
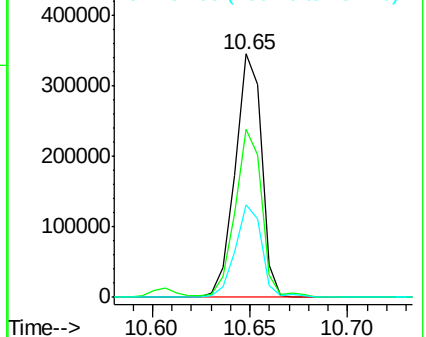
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.374 ng

RT: 11.02 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

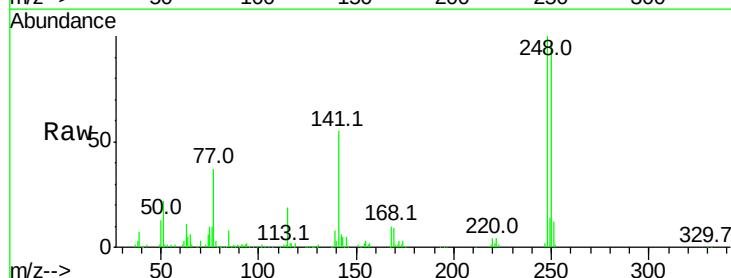
Tgt Ion:248 Resp: 134805

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

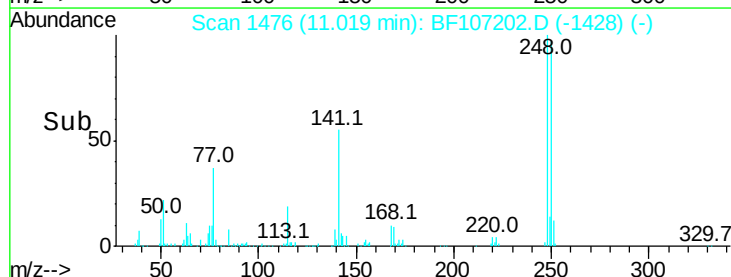
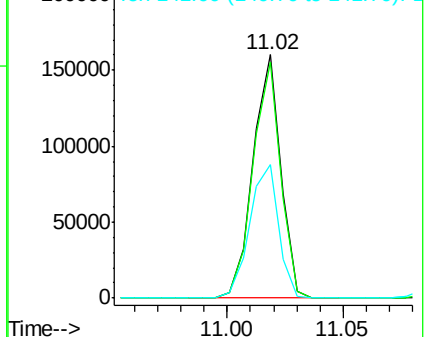
141 54.9 74.4 111.6#

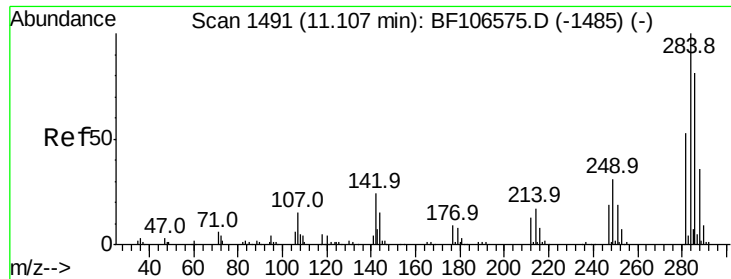


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.388 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

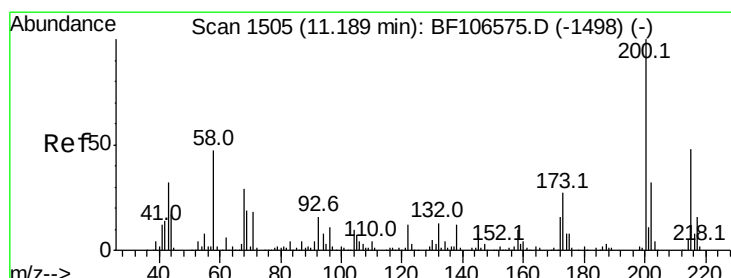
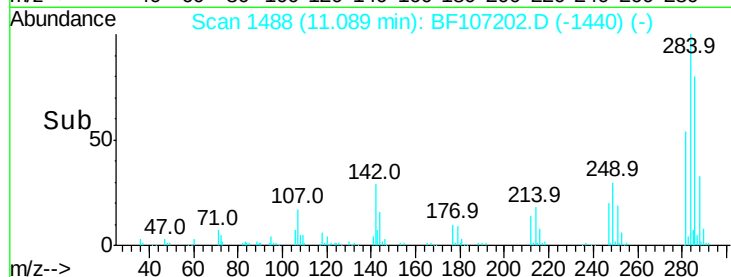
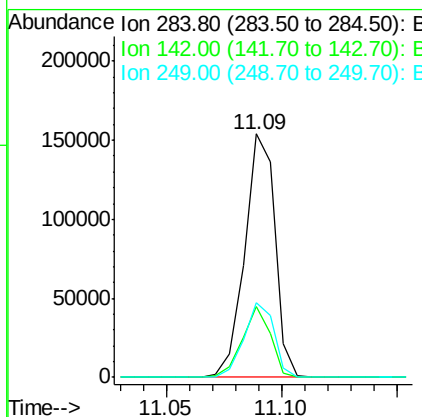
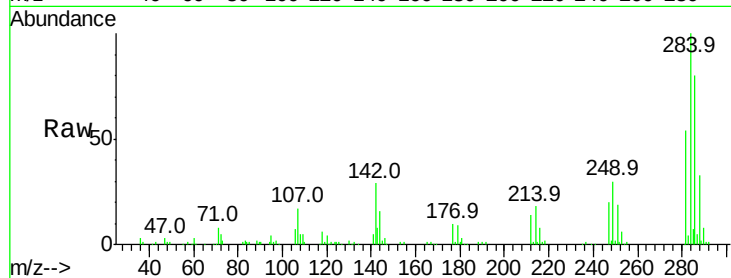
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 141135 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 29.1  | 34.6  | 52.0#  |
| 249       | 30.5  | 24.8  | 37.2   |

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#68

Atrazine

Concen: 42.351 ng

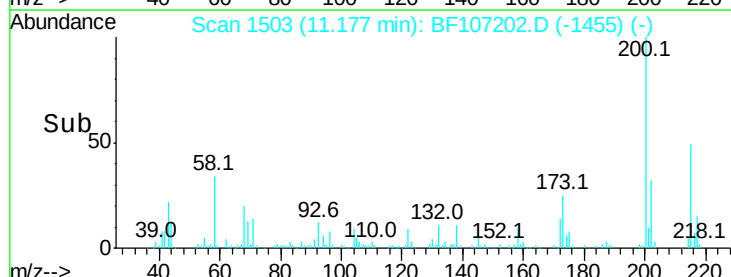
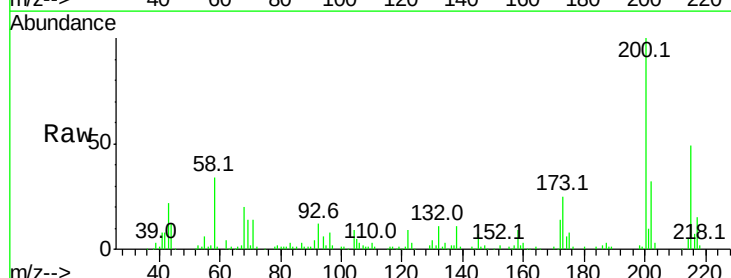
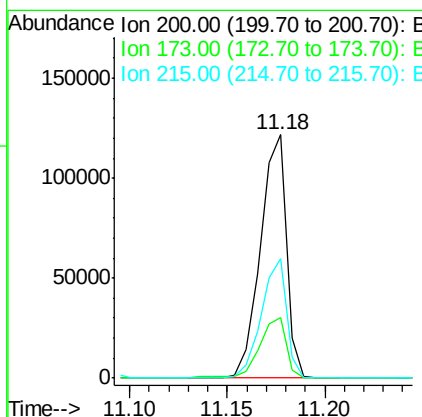
RT: 11.18 min Scan# 1503

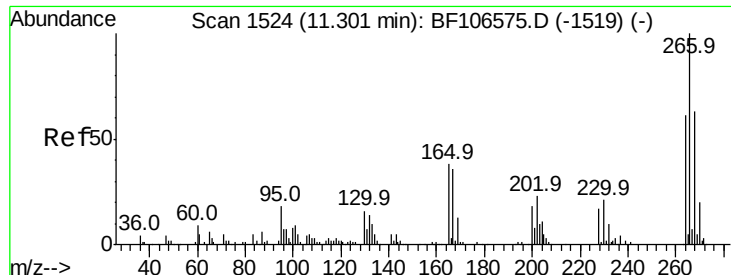
Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 112734 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.8  | 8.6   | 48.6   |
| 215       | 48.8  | 25.1  | 65.1   |





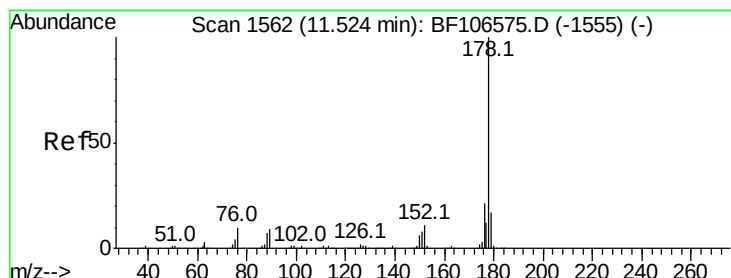
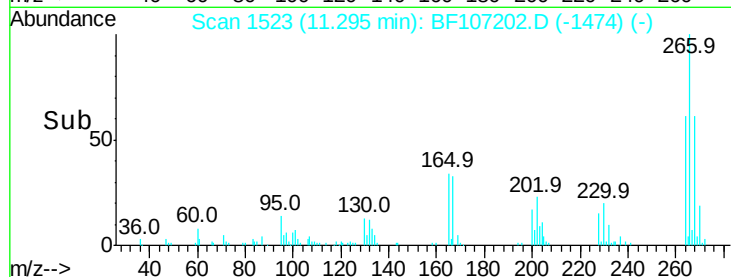
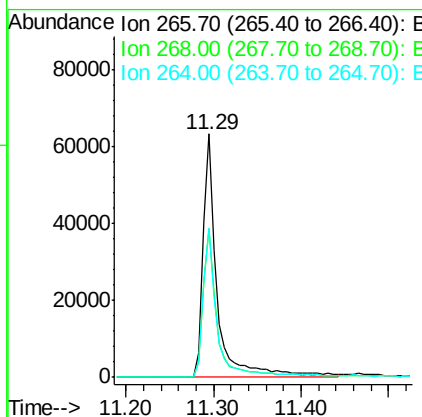
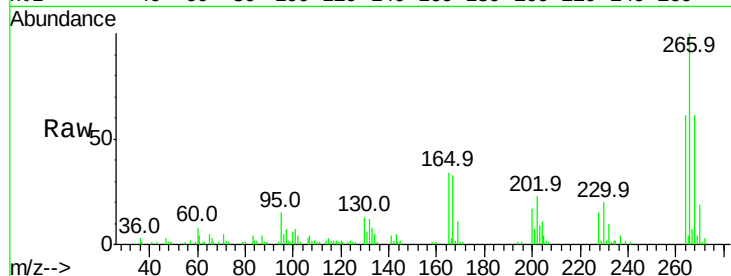
#69  
 Pentachlorophenol  
 Concen: 46.656 ng  
 RT: 11.29 min Scan# 1523  
 Delta R.T. -0.01 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.2  | 51.1  | 76.7  |
| 264     | 61.1  | 49.5  | 74.3  |

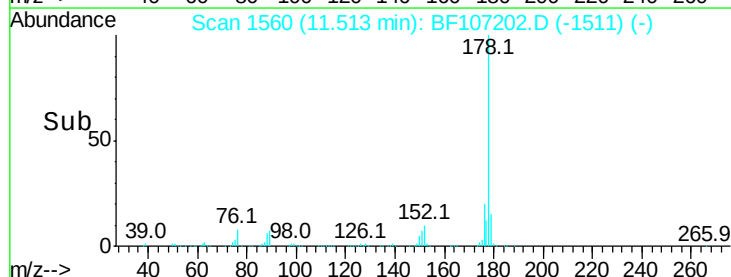
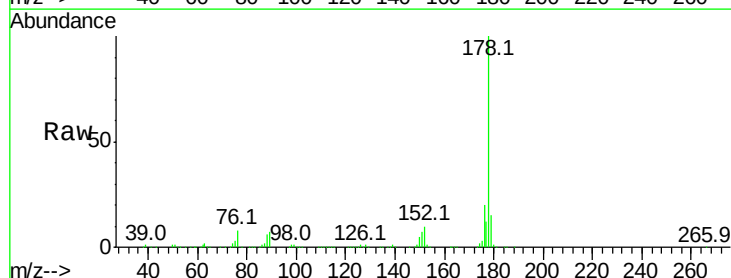
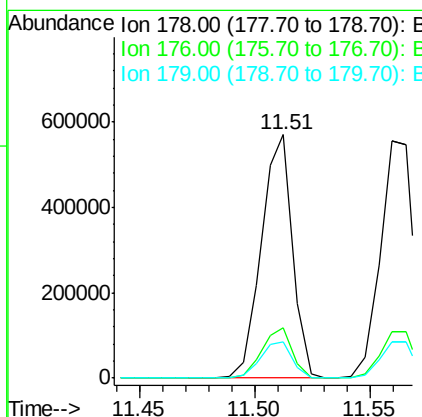
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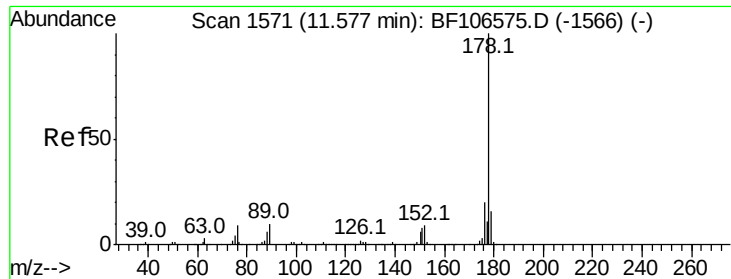
Sohil  
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#70  
 Phenanthrene  
 Concen: 44.625 ng  
 RT: 11.51 min Scan# 1560  
 Delta R.T. -0.01 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.8  | 23.8  |
| 179     | 15.1  | 13.0  | 19.6  |





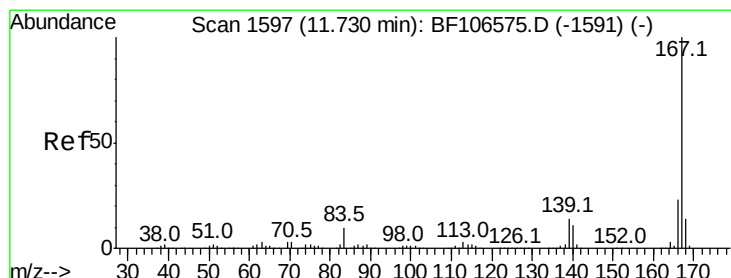
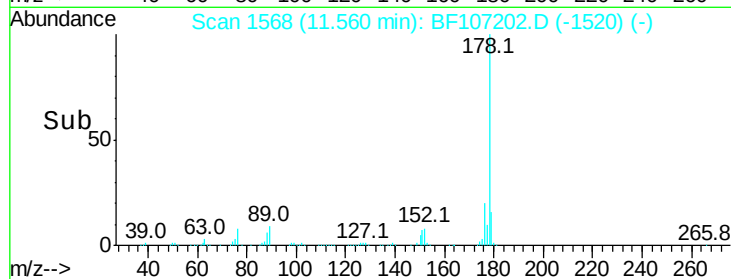
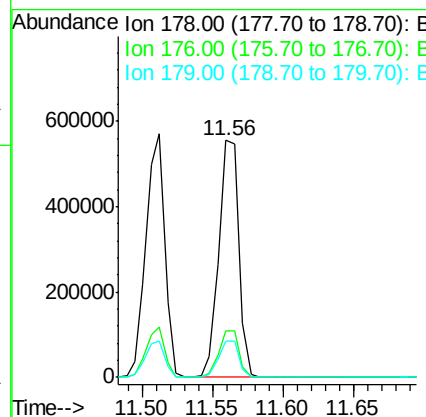
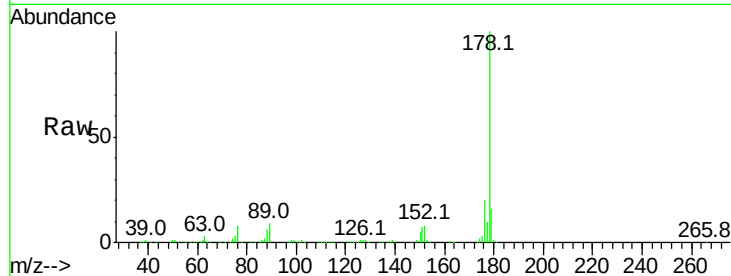
#71  
 Anthracene  
 Concen: 45.040 ng  
 RT: 11.56 min Scan# 1568  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

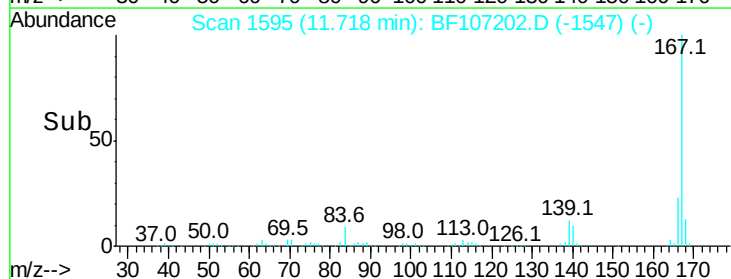
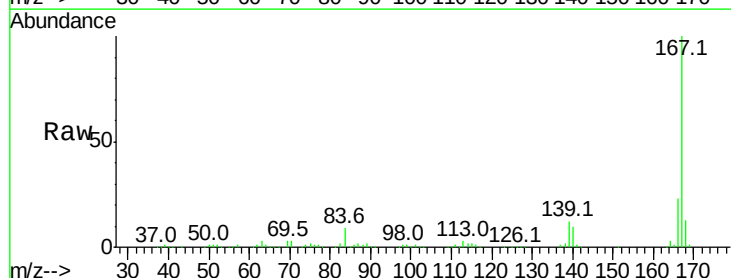
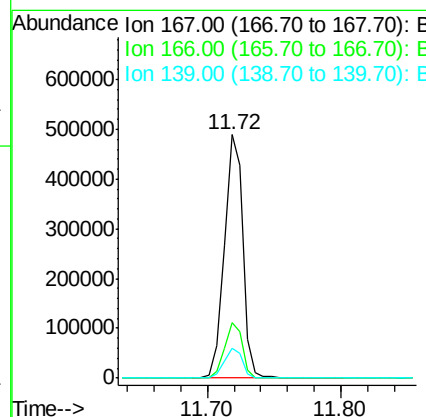
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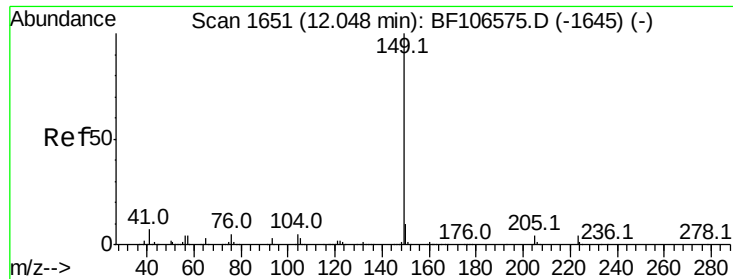


#72  
 Carbazole  
 Concen: 41.779 ng  
 RT: 11.72 min Scan# 1595  
 Delta R.T. -0.02 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 17.6  | 26.4  |
| 139     | 12.3  | 10.9  | 16.3  |







#73

Di-n-butylphthalate

Concen: 39.855 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

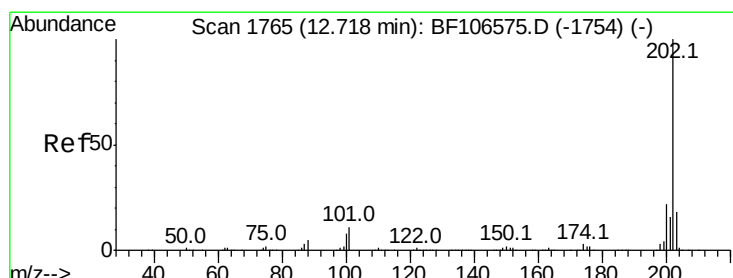
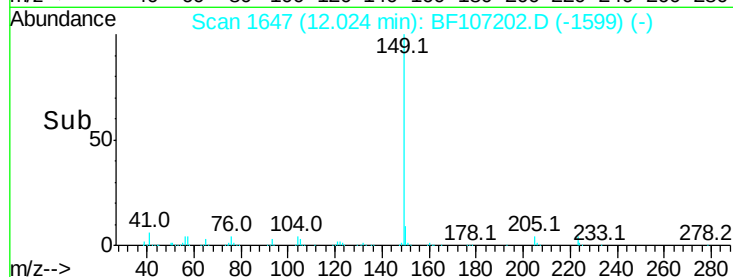
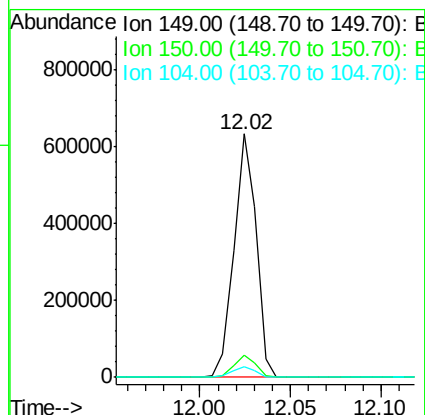
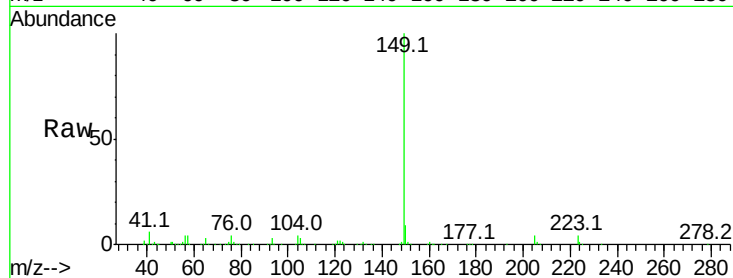
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 538745 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.8   | 11.6   |
| 104       | 4.4   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 41.592 ng

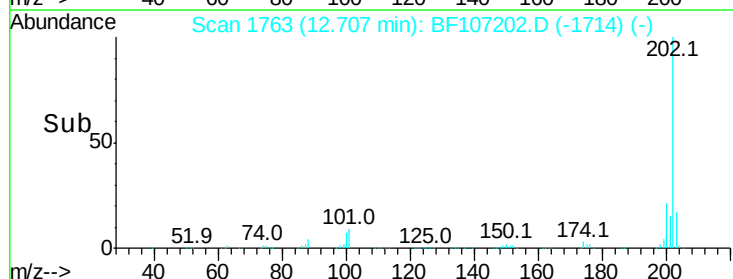
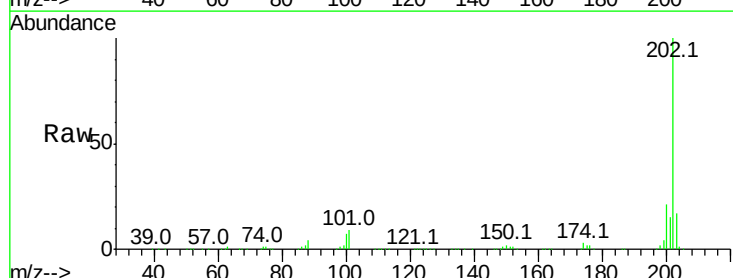
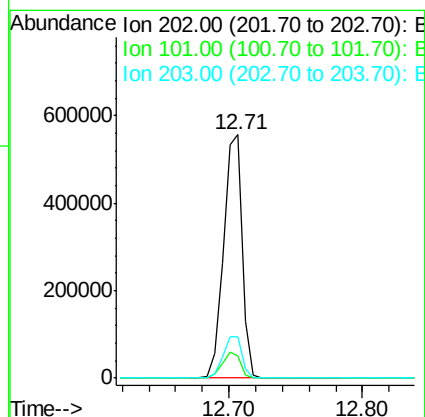
RT: 12.71 min Scan# 1763

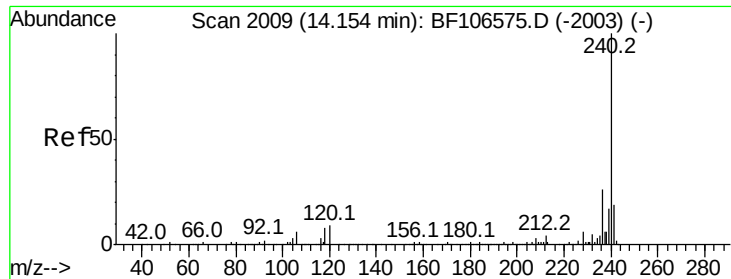
Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 550427 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.2   | 0.0   | 34.1   |
| 203       | 17.1  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

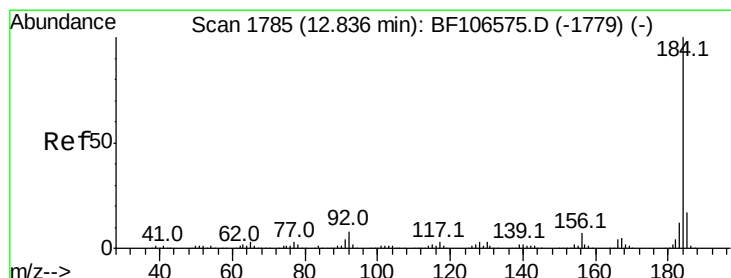
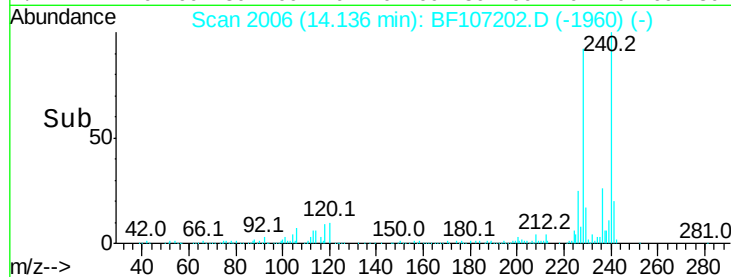
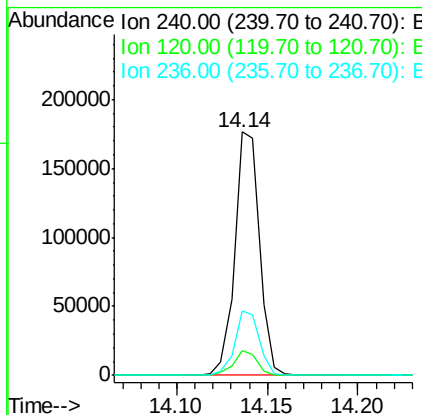
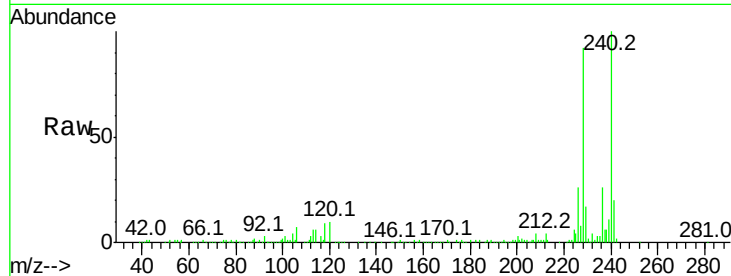
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 168041 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.9   | 9.5   | 14.3   |
| 236       | 26.3  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 51.878 ng

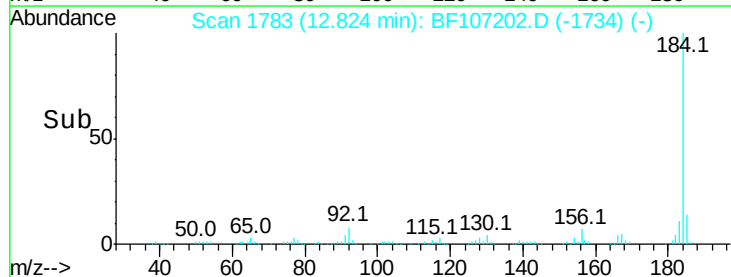
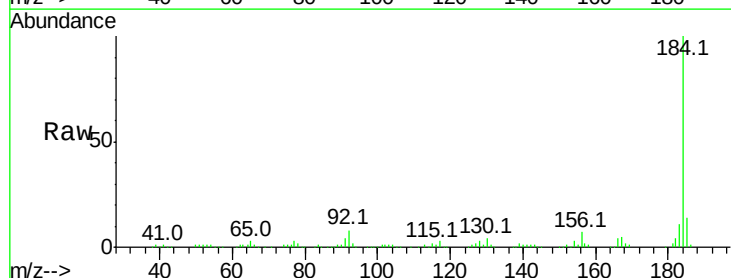
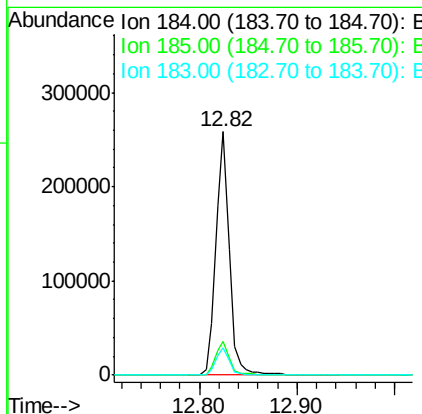
RT: 12.82 min Scan# 1783

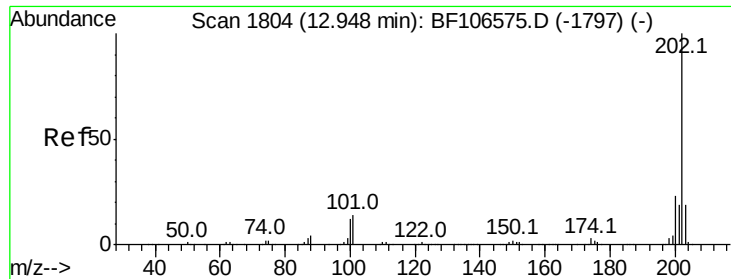
Delta R.T. -0.01 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 248277 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.8  | 12.6  | 18.8   |
| 183       | 11.2  | 9.3   | 13.9   |





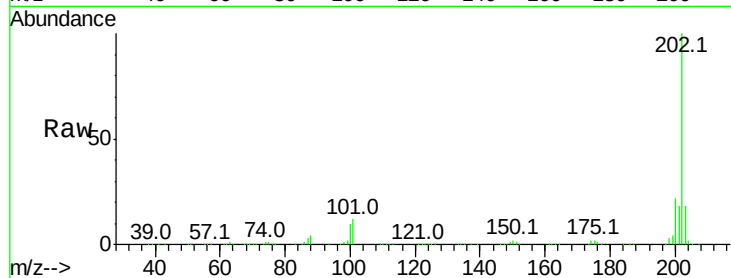
#77  
Pvrene  
Concen: 48.707 ng  
RT: 12.94 min Scan# 1802  
Delta R.T. -0.01 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

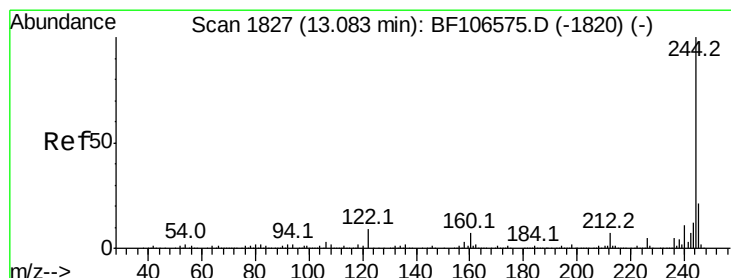
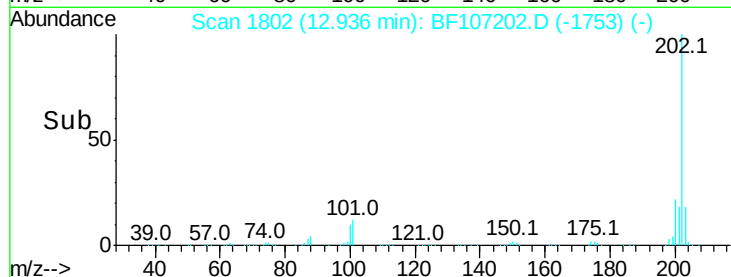
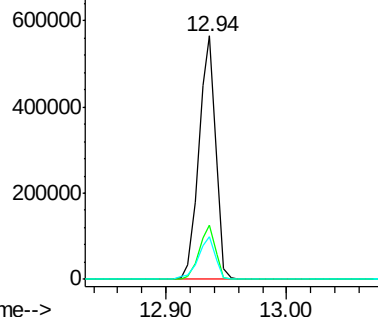
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 17.4  | 26.2  |
| 203     | 17.5  | 14.3  | 21.5  |

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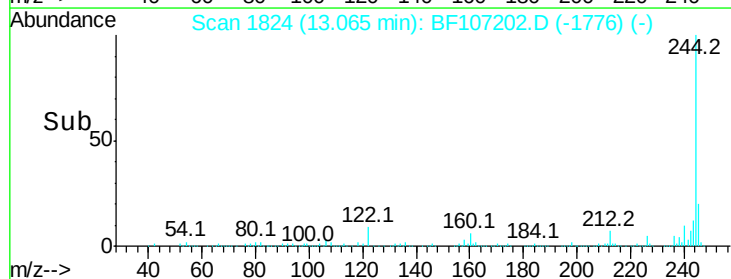
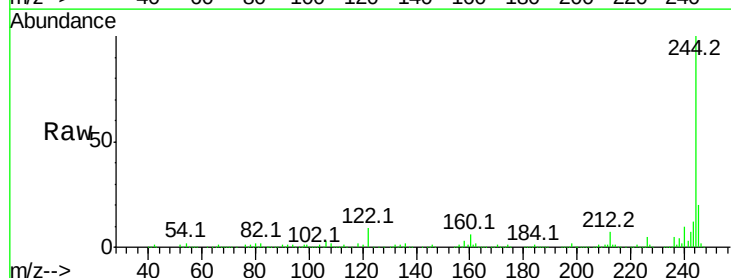
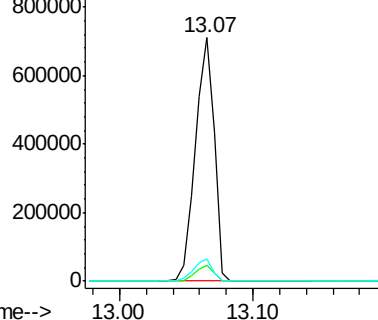
Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

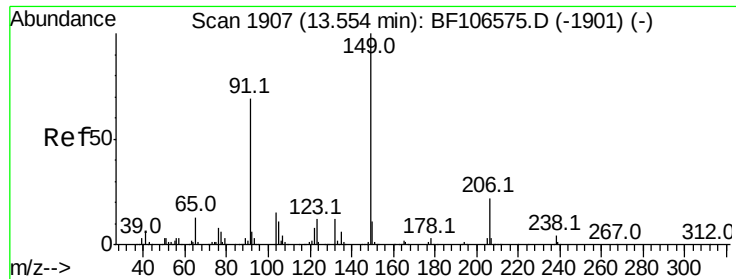


#78  
Terphenyl-d14  
Concen: 102.600 ng  
RT: 13.07 min Scan# 1824  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.4   | 8.0   |
| 122     | 9.0   | 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





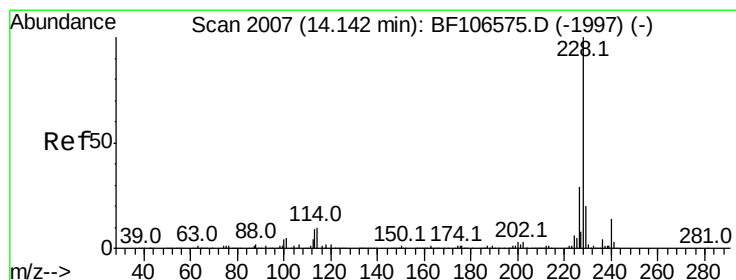
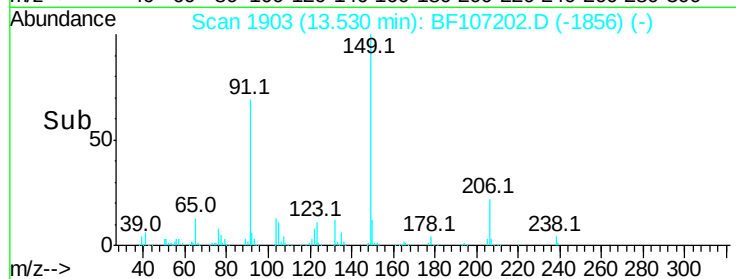
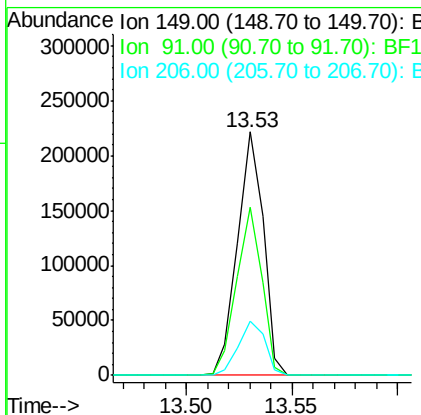
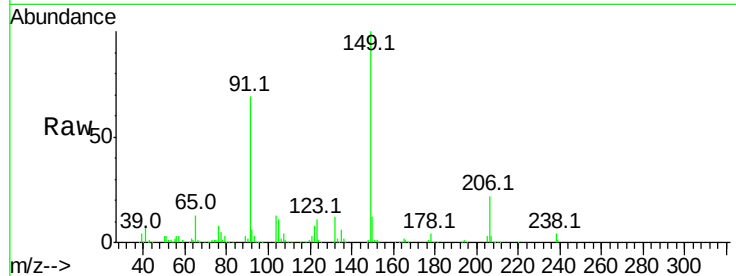
#79  
Butylbenzylphthalate  
Concen: 41.425 ng  
RT: 13.53 min Scan# 1903  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 188735 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 69.2  | 56.8  | 85.2   |
| 206       | 22.4  | 14.1  | 21.1#  |

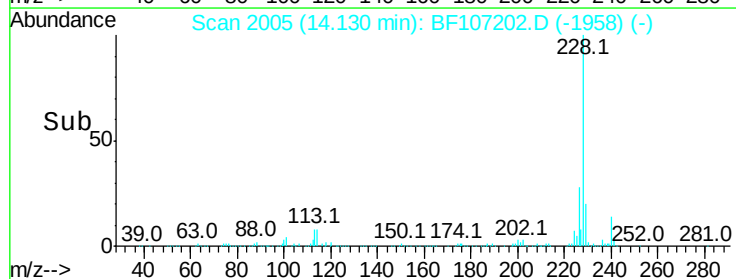
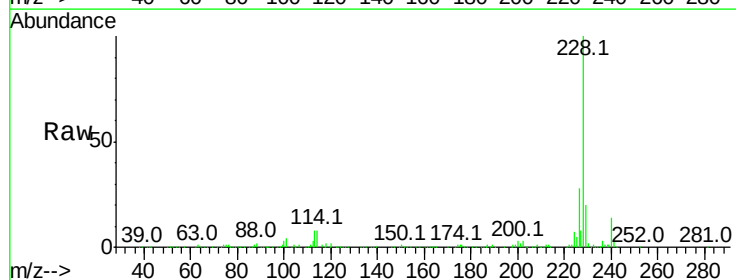
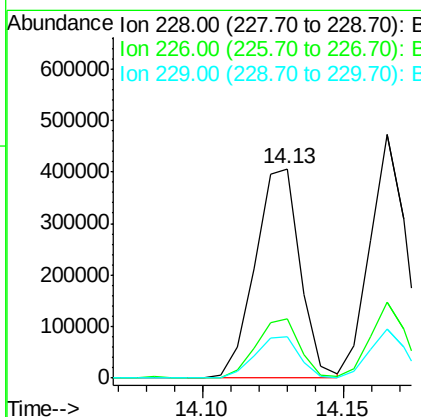
Manual Integrations  
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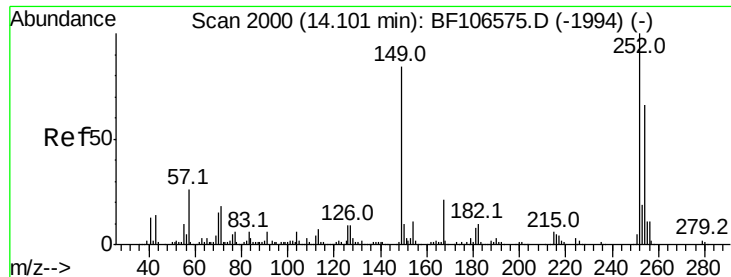
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 43.949 ng  
RT: 14.13 min Scan# 2005  
Delta R.T. -0.02 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 450112 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.5  | 22.6  | 33.8   |
| 229       | 19.6  | 15.8  | 23.6   |





#81

3,3'-Dichlorobenzidine

Concen: 39.766 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

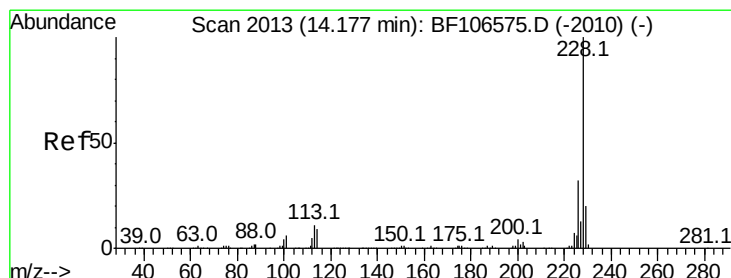
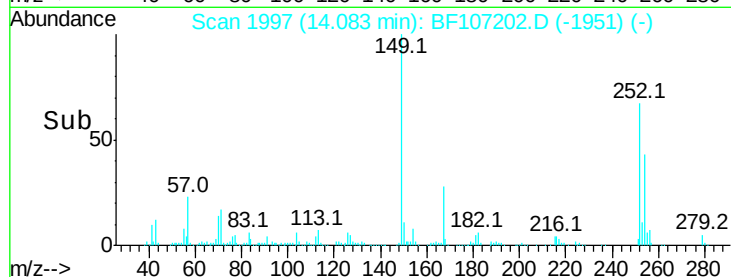
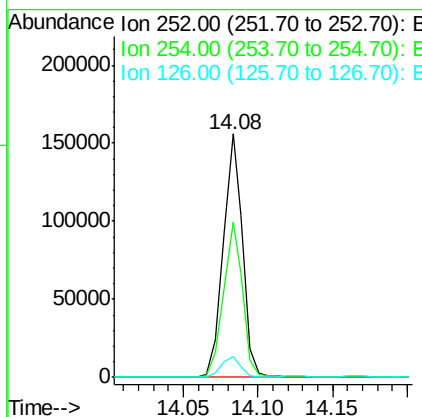
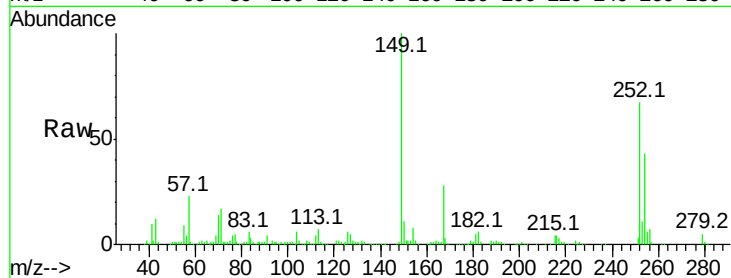
ClientSampleId :

ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 143137 |       |       |
| 254     | 63.7  | 50.4   | 75.6  |       |
| 126     | 8.3   | 11.3   | 16.9  |       |

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#82

Chrysene

Concen: 43.771 ng

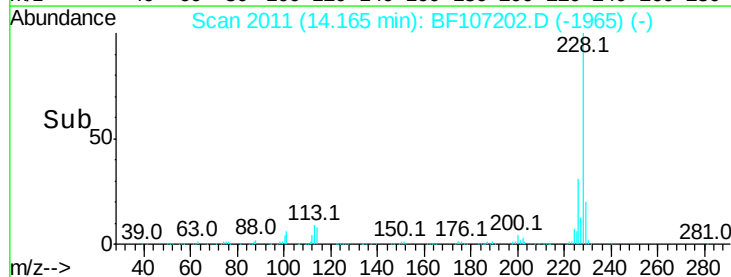
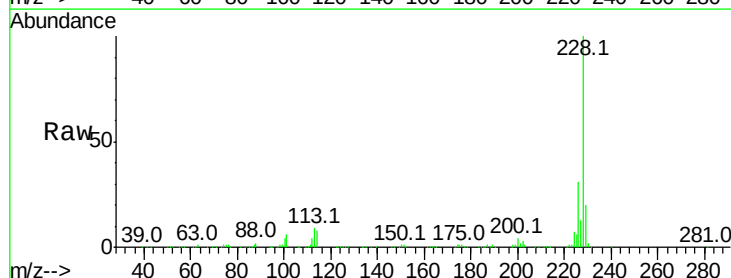
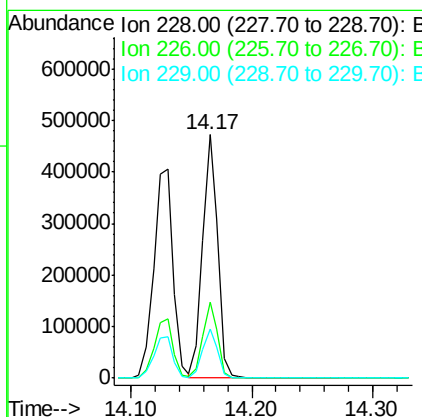
RT: 14.17 min Scan# 2011

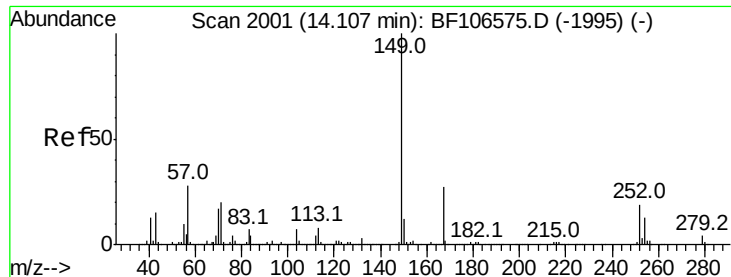
Delta R.T. -0.03 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 412415 |       |       |
| 226     | 31.4  | 25.0   | 37.6  |       |
| 229     | 20.0  | 16.2   | 24.4  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.159 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

ZER-SB-03-11-72MSD

Tot Ion:149 Resp: 228090

Ion Ratio Lower Upper

149 100

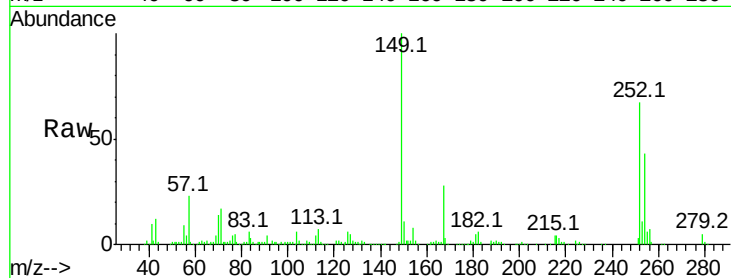
167 28.2 21.3 31.9

279 5.1 3.0 4.4#

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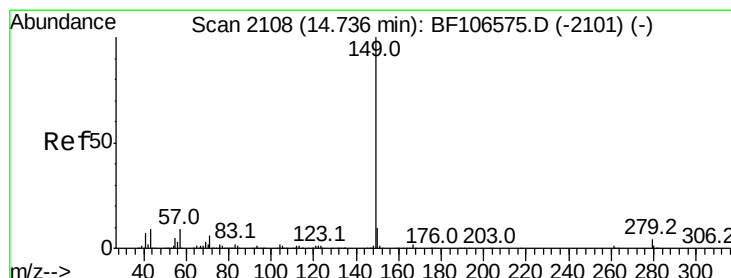
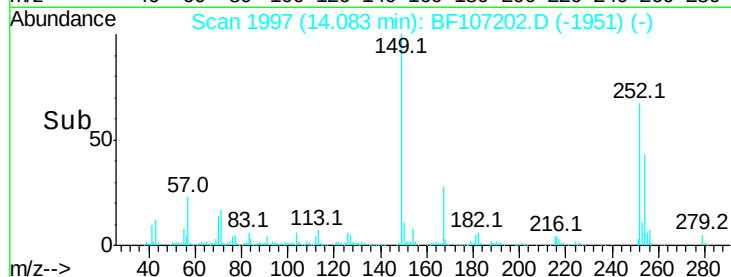
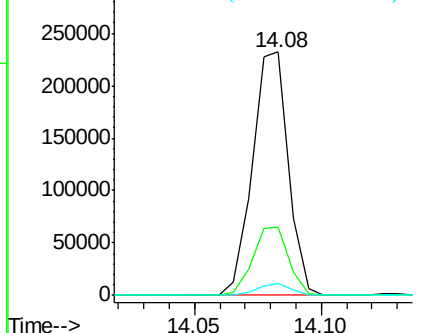
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.063 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

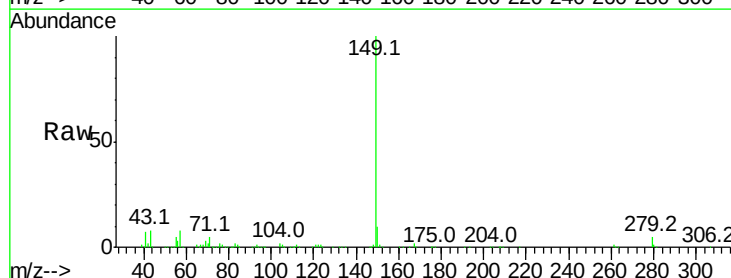
Tgt Ion:149 Resp: 389878

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

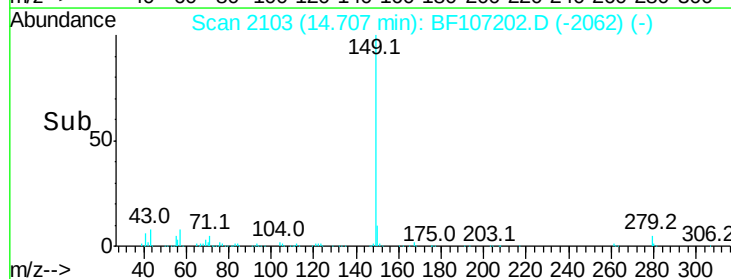
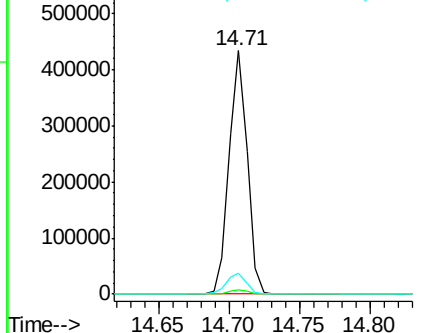
43 8.6 8.4 12.6

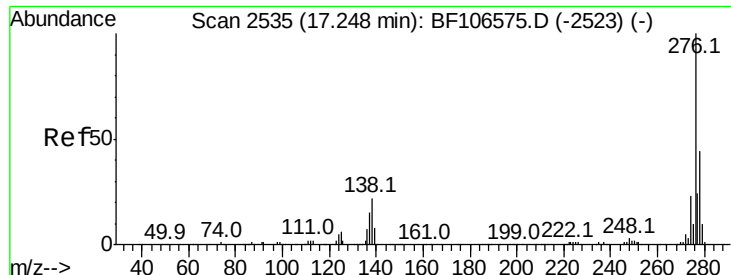


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





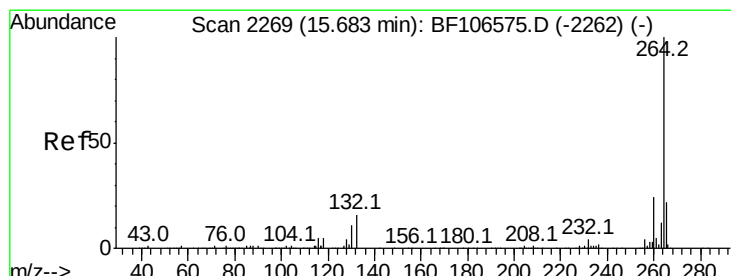
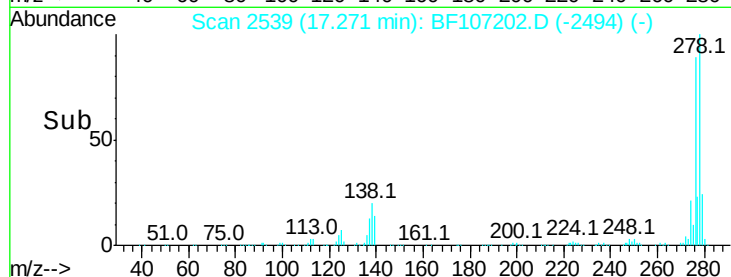
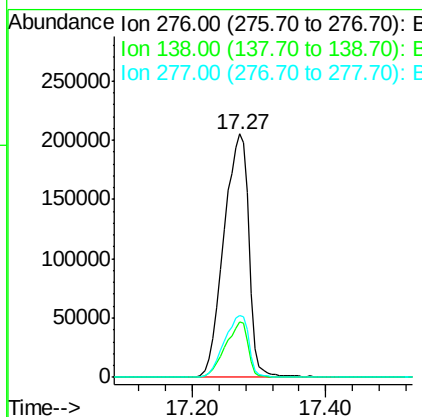
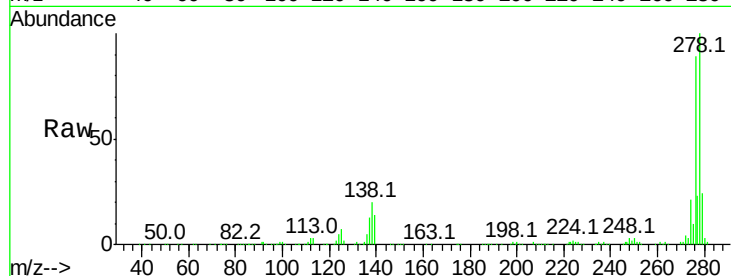
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 68.195 ng  
RT: 17.27 min Scan# 2539  
Delta R.T. -0.04 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.9  | 25.0  | 37.6# |
| 277     | 25.0  | 20.1  | 30.1  |

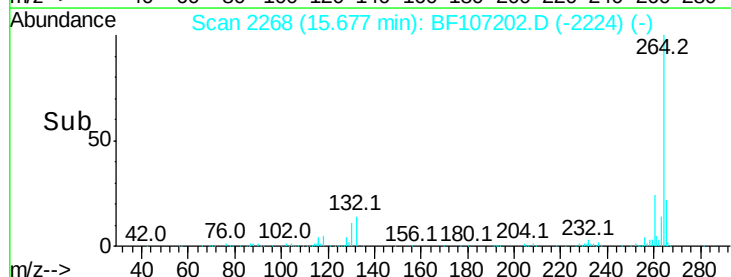
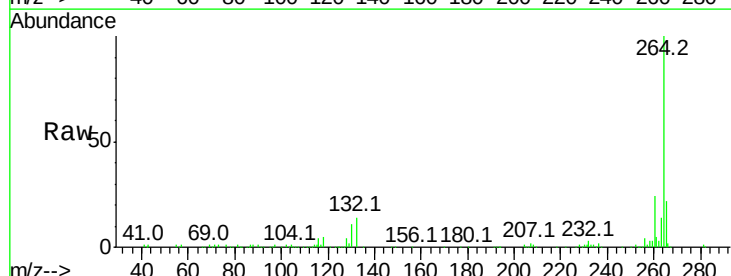
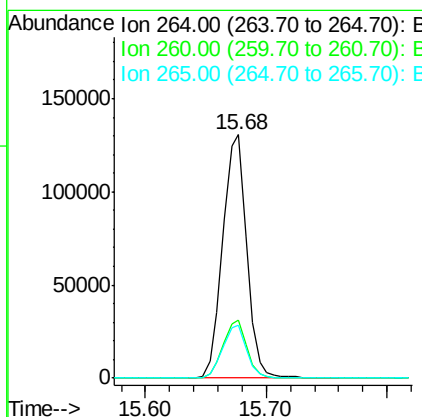
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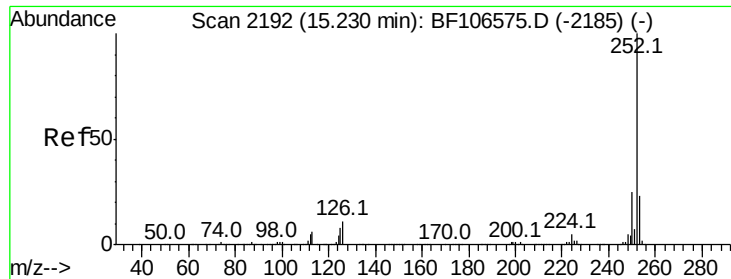
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2268  
Delta R.T. -0.04 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 21.8  | 17.5  | 26.3  |





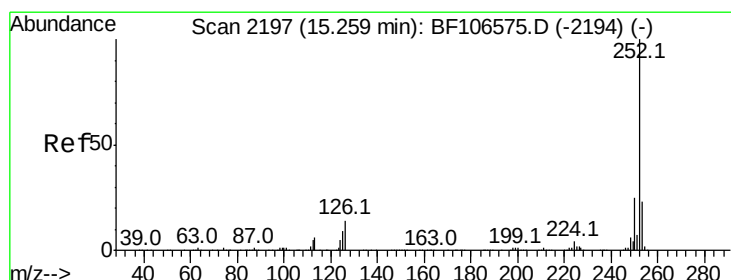
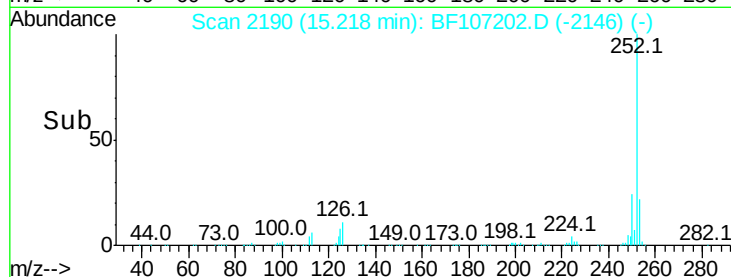
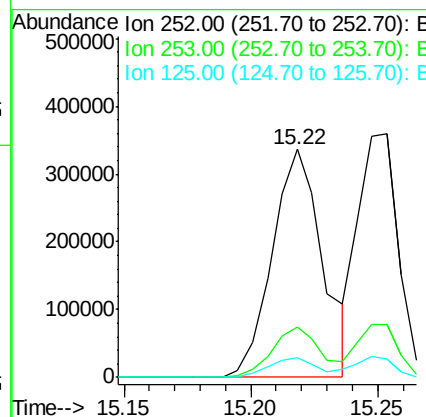
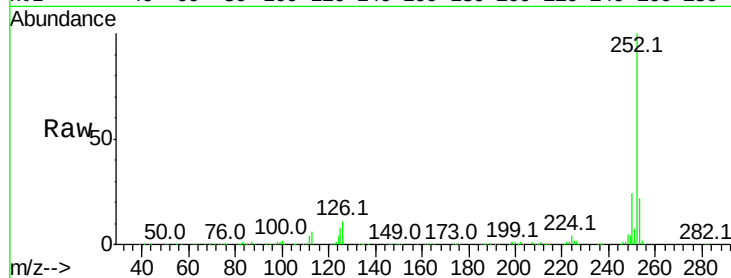
#87  
Benzo(b)fluoranthene  
Concen: 41.661 ng  
RT: 15.22 min Scan# 2190  
Delta R.T. -0.04 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.6  |
| 125     | 8.4   | 9.0   | 13.6  |

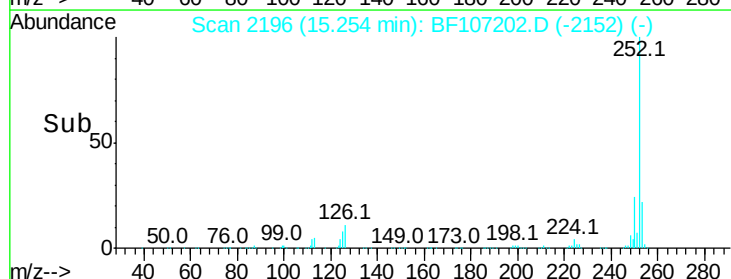
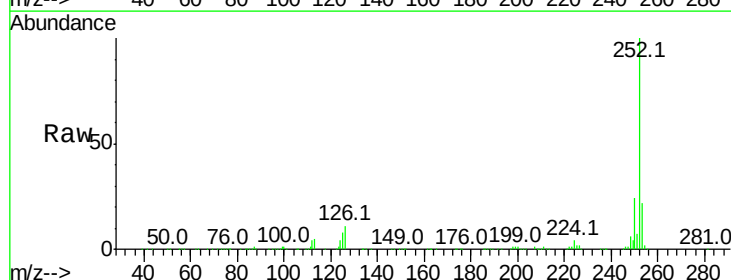
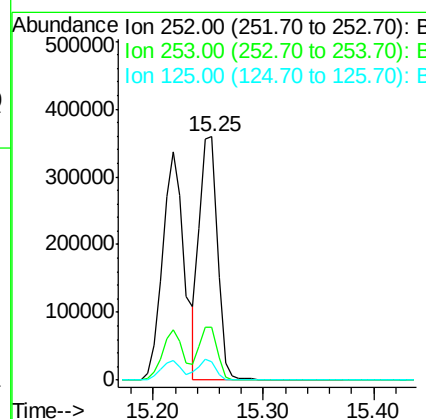
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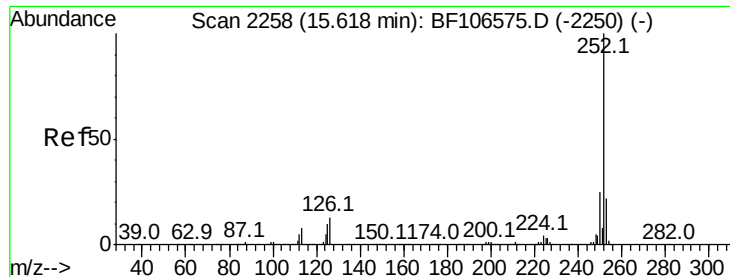


#88  
Benzo(k)fluoranthene  
Concen: 37.701 ng  
RT: 15.25 min Scan# 2196  
Delta R.T. -0.04 min  
Lab File: BF107202.D  
Acq: 7 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.9  | 26.9  |
| 125     | 7.6   | 10.2  | 15.2  |







#89

Benzo(a)pyrene

Concen: 43.736 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

Instrument :

BNA\_F

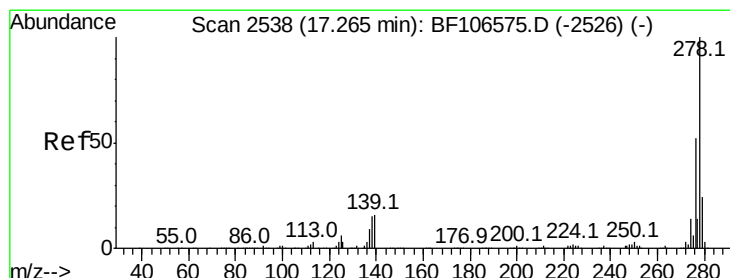
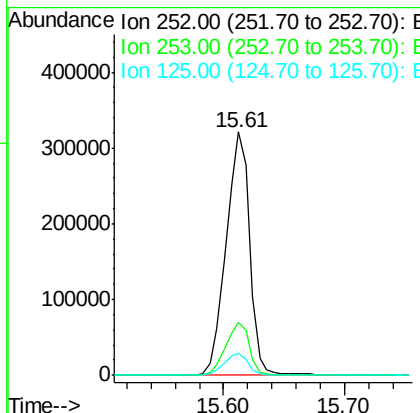
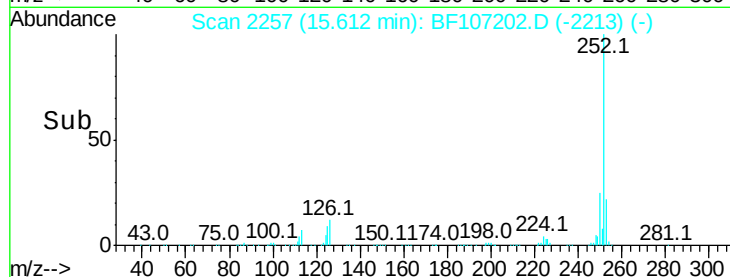
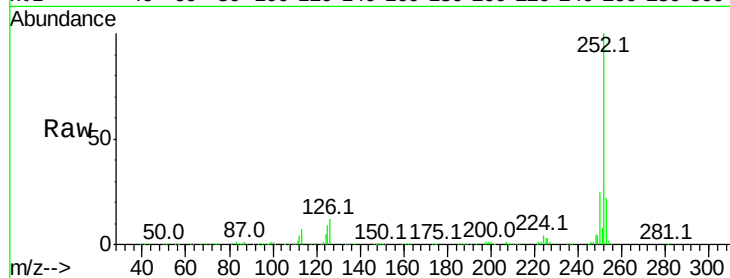
ClientSampleId :

ZER-SB-03-11-72MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 434395 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.1  | 25.7   |
| 125       | 9.1   | 9.8   | 14.6   |

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#90

Dibenzo(a,h)anthracene

Concen: 53.771 ng

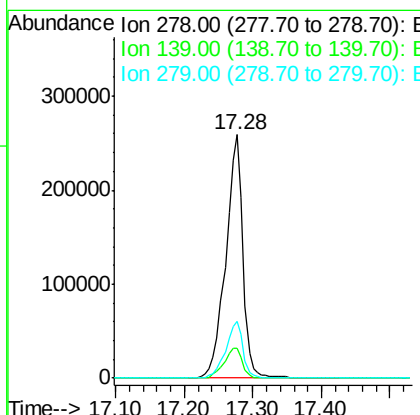
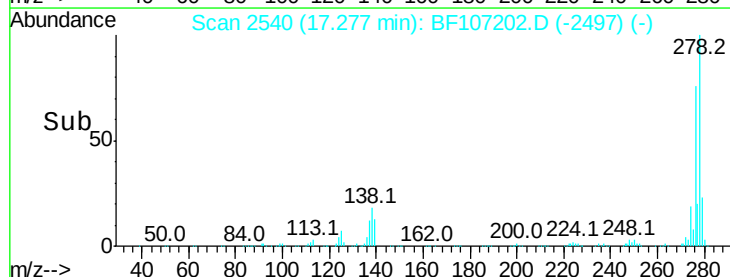
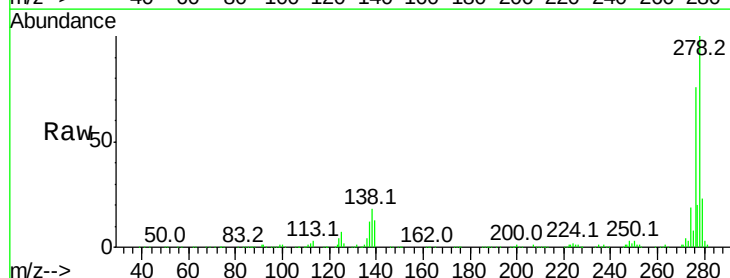
RT: 17.28 min Scan# 2540

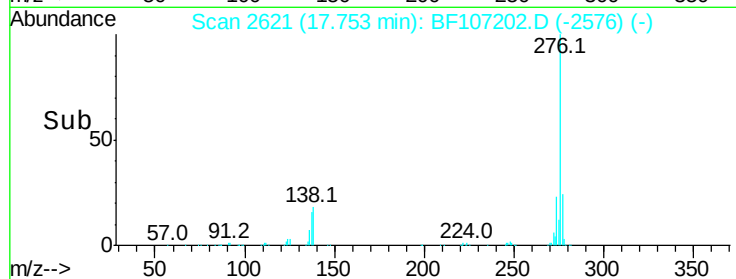
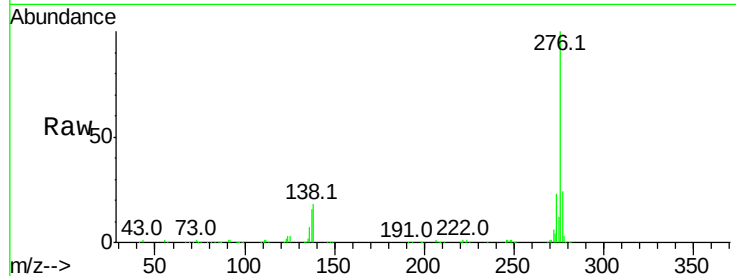
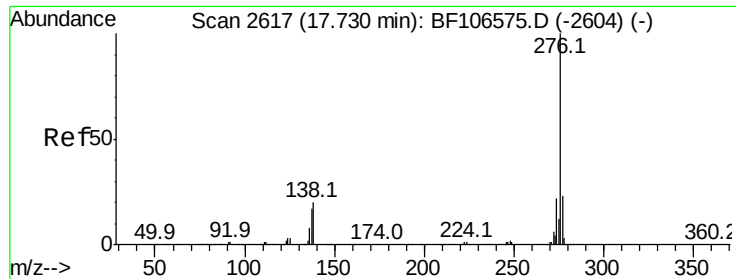
Delta R.T. -0.05 min

Lab File: BF107202.D

Acq: 7 Jul 2018 13:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 452611 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 12.5  | 15.9  | 23.9   |
| 279       | 23.3  | 19.0  | 28.4   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 57.429 ng  
 RT: 17.75 min Scan# 2621  
 Delta R.T. -0.04 min  
 Lab File: BF107202.D  
 Acq: 7 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 17.9  | 26.9  |
| 138     | 18.1  | 21.8  | 32.8  |

Manual Integrations  
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