

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
 Data File : BF107597.D  
 Acq On : 23 Jul 2018 19:19  
 Operator : JU/SJ  
 Sample : J4062-37MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

Quant Time: Jul 24 03:20:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.98  | 152  | 287377   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.27  | 136  | 971135   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.02 | 164  | 370832   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.52 | 188  | 694674   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.17 | 240  | 504604   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.71 | 264  | 406126   | 20.00 | ng    | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.62  | 112  | 1975294  | 110.51 | ng    | 0.01     |
| 7) Phenol-d6                | 6.62  | 99   | 2318364  | 108.02 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.55  | 82   | 1441241  | 100.16 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.82 | 330  | 551581   | 130.80 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.34  | 172  | 2090163  | 101.83 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.11 | 244  | 2082175  | 105.64 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.88 | 88   | 268589   | 32.285 | ng    | # 84   |
| 3) Pyridine                    | 3.67 | 79   | 723535   | 31.969 | ng    | # 84   |
| 4) n-Nitrosodimethylamine      | 3.63 | 42   | 374550   | 39.239 | ng    | 98     |
| 6) Aniline                     | 6.65 | 93   | 549054   | 19.835 | ng    | # 80   |
| 8) 2-Chlorophenol              | 6.77 | 128  | 744731   | 38.891 | ng    | 94     |
| 9) Benzaldehyde                | 6.54 | 77   | 336128   | 22.922 | ng    | 92     |
| 10) Phenol                     | 6.64 | 94   | 932049   | 36.927 | ng    | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.71 | 93   | 745862   | 35.643 | ng    | 92     |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146  | 790372   | 36.404 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 7.00 | 146  | 816401   | 36.688 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146  | 730153   | 36.563 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.12 | 79   | 593487   | 40.575 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.25 | 45   | 1227477  | 34.770 | ng    | 85     |
| 17) 2-Methylphenol             | 7.24 | 107  | 613911   | 37.719 | ng    | # 91   |
| 18) Hexachloroethane           | 7.49 | 117  | 213152   | 27.310 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70   | 505437   | 36.455 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.39 | 107  | 732108   | 37.881 | ng    | # 54   |
| 22) Acetophenone               | 7.39 | 105  | 1025829  | 44.978 | ng    | # 90   |
| 24) Nitrobenzene               | 7.57 | 77   | 751011   | 45.566 | ng    | 97     |
| 25) Isophorone                 | 7.80 | 82   | 1354597  | 44.088 | ng    | 96     |
| 26) 2-Nitrophenol              | 7.88 | 139  | 306756   | 44.074 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 7.91 | 122  | 613479   | 46.565 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93   | 905910   | 44.120 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.12 | 162  | 579802   | 43.057 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.20 | 180  | 600282   | 39.690 | ng    | 98     |
| 31) Naphthalene                | 8.29 | 128  | 1890277  | 44.264 | ng    | 98     |
| 32) Benzoic acid               | 8.01 | 122  | 108735   | 17.776 | ng    | 94     |
| 33) 4-Chloroaniline            | 8.34 | 127  | 278821   | 14.938 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.39 | 225  | 358231   | 39.861 | ng    | 97     |
| 35) Caprolactam                | 8.71 | 113  | 171864   | 39.239 | ng    | # 80   |
| 36) 4-Chloro-3-methylphenol    | 8.82 | 107  | 586761   | 39.227 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.98 | 142  | 1222757  | 41.319 | ng    | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216  | 555002   | 44.871 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 9.12 | 237  | 35382    | 5.627  | ng    | 97     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
 Data File : BF107597.D  
 Acq On : 23 Jul 2018 19:19  
 Operator : JU/SJ  
 Sample : J4062-37MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

Quant Time: Jul 24 03:20:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

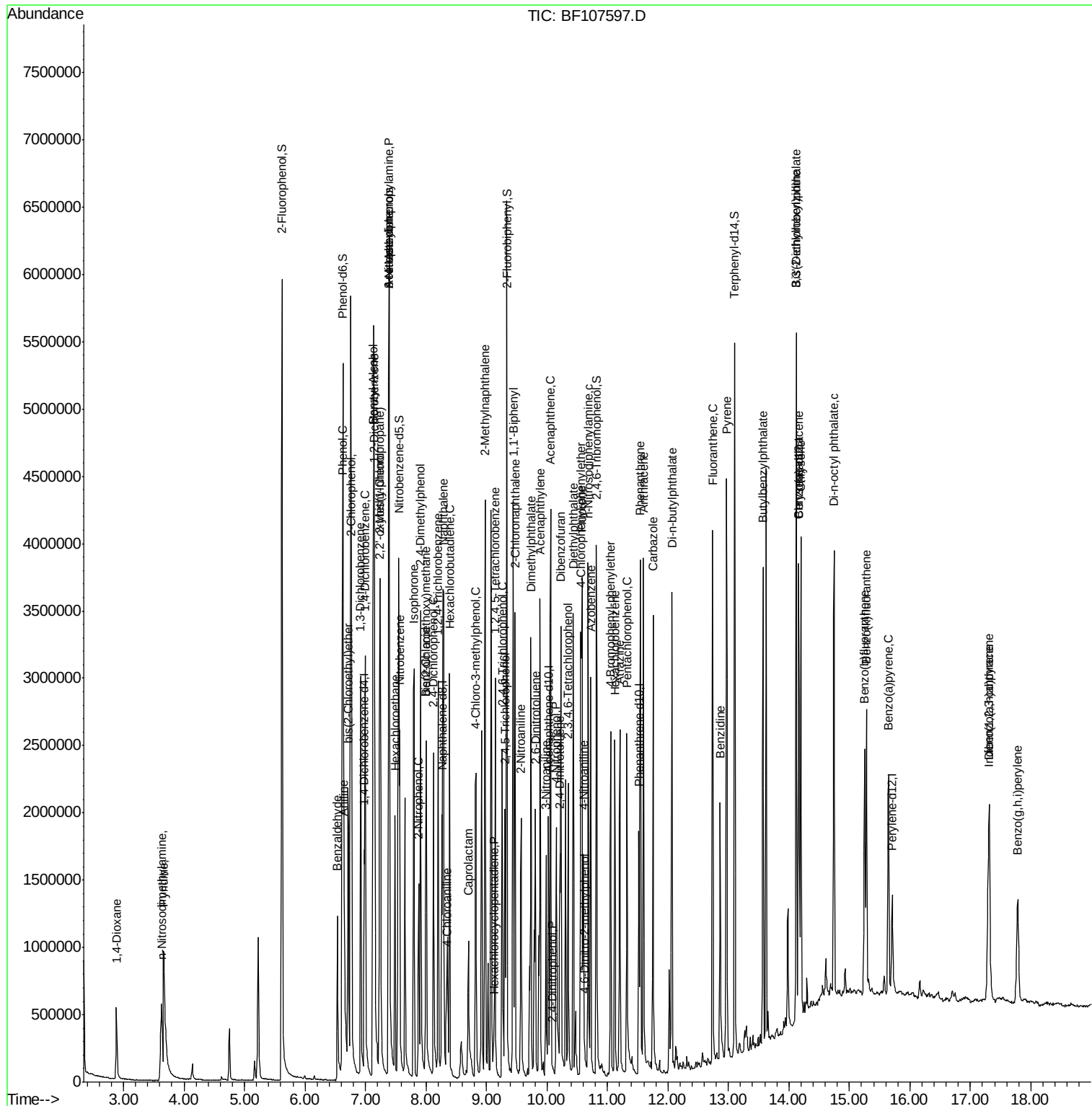
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.26  | 196  | 356699   | 45.054 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.31  | 196  | 370567   | 44.784 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.44  | 154  | 1428846  | 44.231 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.47  | 162  | 1034207  | 41.884 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.57  | 65   | 404866   | 56.243 | nq    | 95       |
| 48) Acenaphthylene             | 9.89  | 152  | 1636945  | 44.132 | nq    | 98       |
| 49) Dimethylphthalate          | 9.74  | 163  | 1445354  | 51.715 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.81  | 165  | 238213   | 42.930 | nq    | 96       |
| 51) Acenaphthene               | 10.06 | 154  | 949449   | 40.853 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.98  | 138  | 306552   | 45.412 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 10.10 | 184  | 7819     | 12.311 | nq #  | 70       |
| 54) Dibenzofuran               | 10.23 | 168  | 1404367  | 41.046 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.15 | 139  | 406356   | 80.401 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.21 | 165  | 282589   | 42.190 | nq    | 96       |
| 57) Fluorene                   | 10.58 | 166  | 1077465  | 44.142 | nq    | 94       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.35 | 232  | 313786   | 45.566 | nq #  | 86       |
| 59) Diethylphthalate           | 10.44 | 149  | 1264490  | 43.321 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204  | 546777   | 39.624 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.60 | 138  | 316319   | 55.773 | nq    | 97       |
| 62) Azobenzene                 | 10.72 | 77   | 1037272  | 37.898 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198  | 10079    | 11.143 | nq #  | 84       |
| 65) n-Nitrosodiphenylamine     | 10.68 | 169  | 983703   | 41.695 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.05 | 248  | 321586   | 39.326 | nq #  | 90       |
| 67) Hexachlorobenzene          | 11.12 | 284  | 346514   | 38.511 | nq #  | 90       |
| 68) Atrazine                   | 11.21 | 200  | 294903   | 40.939 | nq    | 96       |
| 69) Pentachlorophenol          | 11.32 | 266  | 372589   | 66.295 | nq    | 99       |
| 70) Phenanthrene               | 11.54 | 178  | 1576942  | 46.584 | nq    | 99       |
| 71) Anthracene                 | 11.60 | 178  | 1560757  | 45.792 | nq    | 98       |
| 72) Carbazole                  | 11.75 | 167  | 1540111  | 43.453 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.07 | 149  | 1746105  | 49.237 | nq    | 99       |
| 74) Fluoranthene               | 12.74 | 202  | 1880120  | 51.758 | nq    | 96       |
| 76) Benzidine                  | 12.86 | 184  | 1001669  | 68.930 | nq    | 98       |
| 77) Pyrene                     | 12.97 | 202  | 1936664  | 56.110 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 788929   | 53.150 | nq    | 95       |
| 80) Benzo(a)anthracene         | 14.16 | 228  | 1388024  | 46.939 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.12 | 252  | 452993   | 55.128 | nq #  | 98       |
| 82) Chrysene                   | 14.20 | 228  | 1325407  | 46.660 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 1056011  | 50.421 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.75 | 149  | 1694415  | 52.048 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.30 | 276  | 1011810  | 42.028 | nq    | 94       |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 1025662  | 46.145 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 958504   | 44.016 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.65 | 252  | 936549   | 46.064 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.32 | 278  | 821565   | 46.746 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.78 | 276  | 846136   | 48.808 | nq    | 94       |

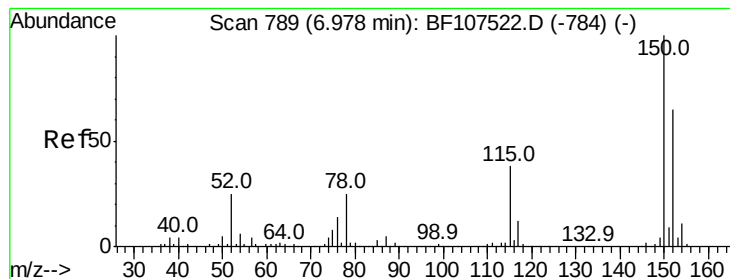
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
Data File : BF107597.D  
Acq On : 23 Jul 2018 19:19  
Operator : JU/SJ  
Sample : J4062-37MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

Quant Time: Jul 24 03:20:34 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 20 16:29:27 2018  
Response via : Initial Calibration



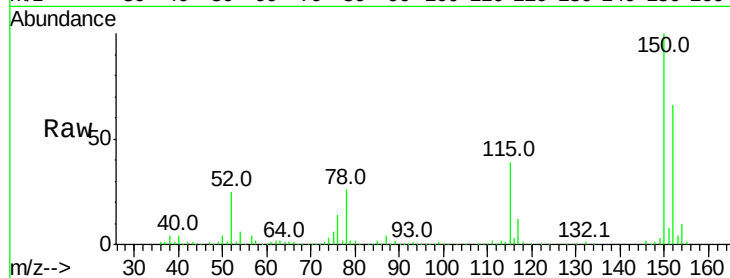


#1

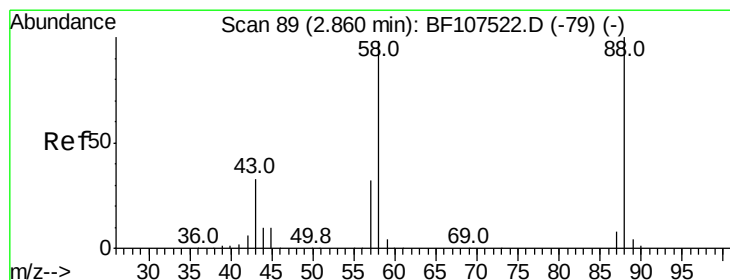
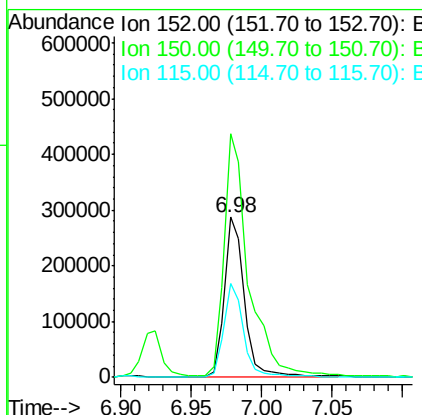
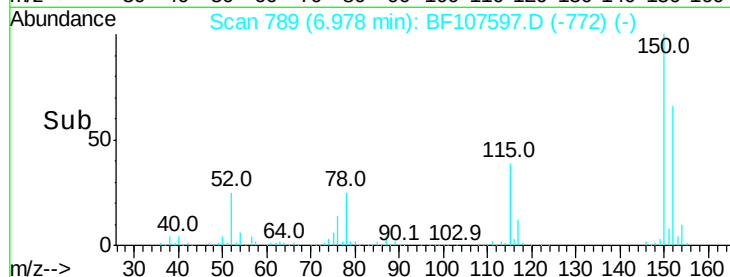
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.98 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

Tot Ion:152 Resp: 287377  
Ion Ratio Lower Upper  
152 100  
150 151.9 124.6 186.8  
115 58.8 50.1 75.1



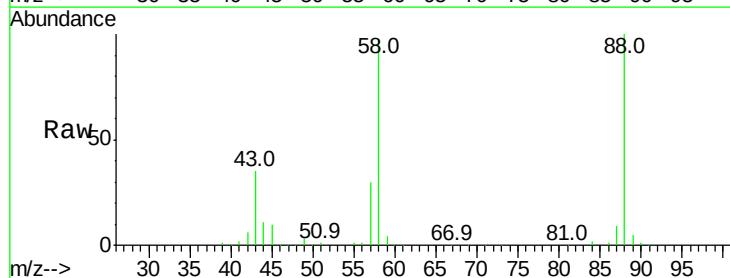
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



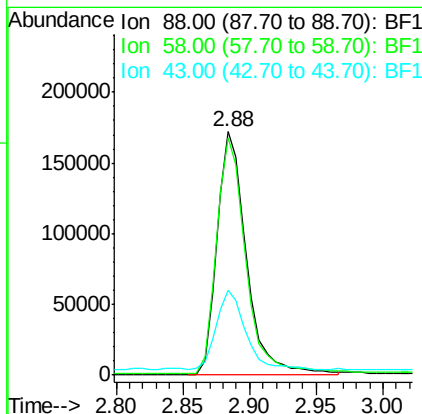
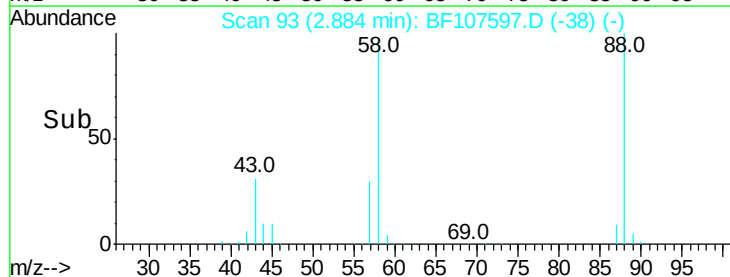
#2

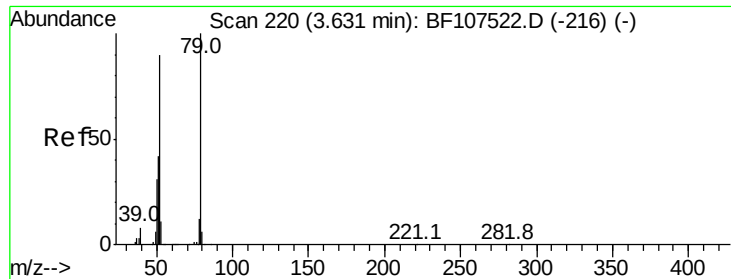
1,4-Dioxane  
Concen: 32.285 ng  
RT: 2.88 min Scan# 93  
Delta R.T. 0.02 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion: 88 Resp: 268589  
Ion Ratio Lower Upper  
88 100  
58 96.6 62.6 93.8#  
43 32.0 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

Pvrindine

Concen: 31.969 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.04 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

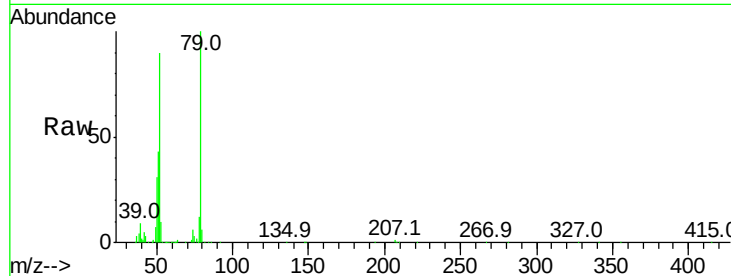
Tot Ion: 79 Resp: 723535

Ion Ratio Lower Upper

79 100

52 90.5 59.8 89.6#

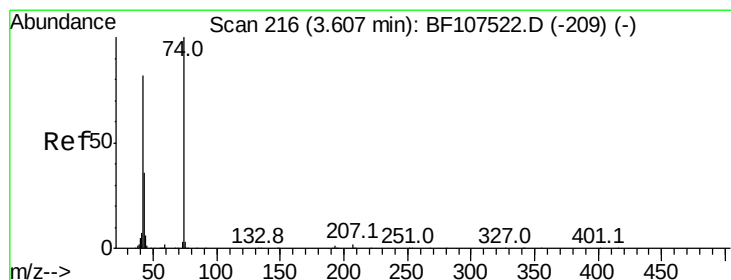
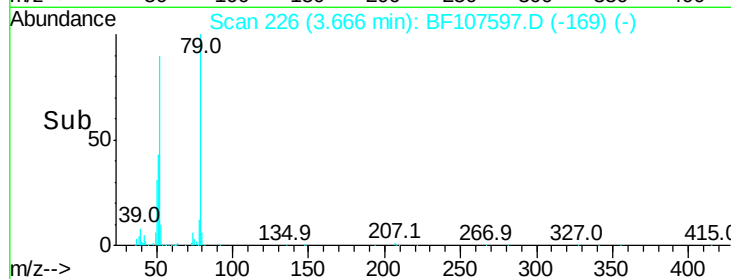
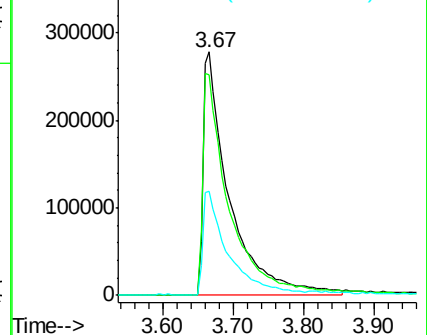
51 42.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.239 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

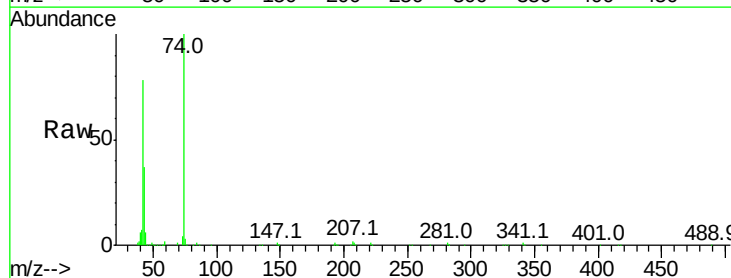
Tgt Ion: 42 Resp: 374550

Ion Ratio Lower Upper

42 100

74 128.8 104.9 157.3

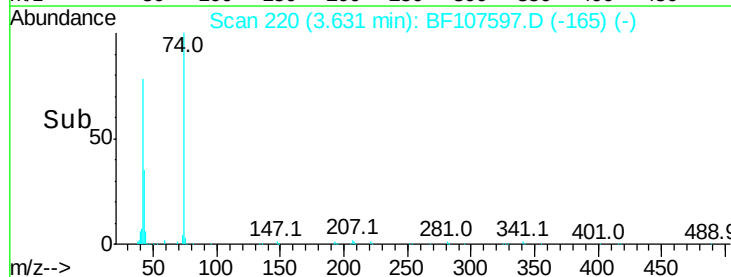
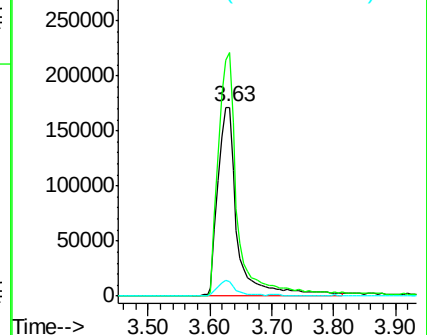
44 7.5 6.9 10.3

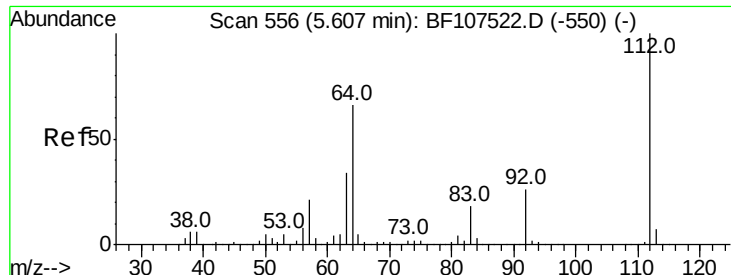


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.513 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

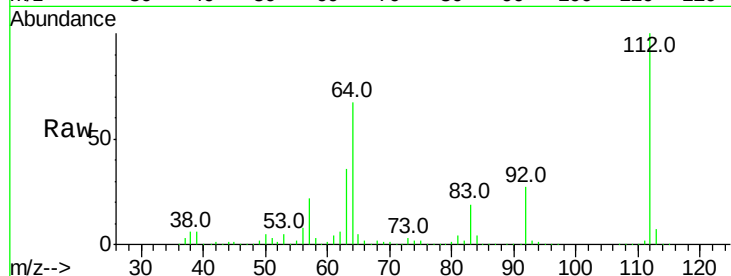
Tot Ion:112 Resp: 1975294

Ion Ratio Lower Upper

112 100

64 67.4 47.9 71.9

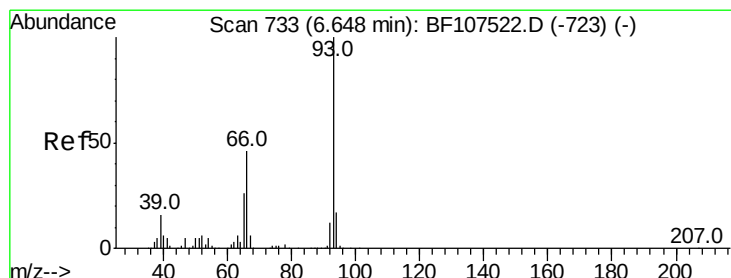
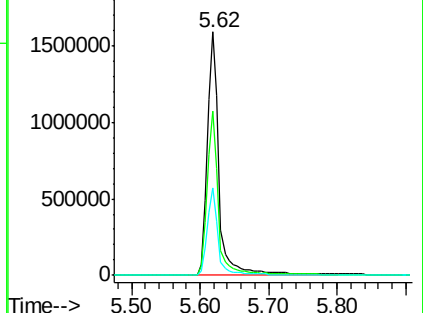
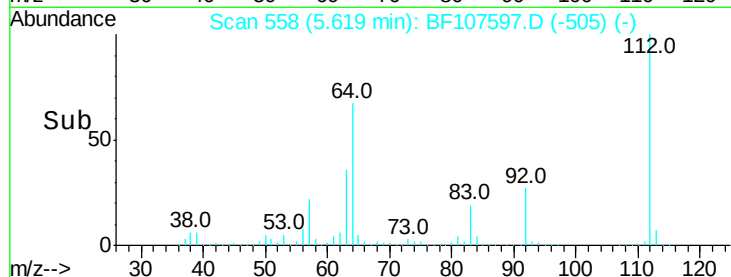
63 35.7 23.7 35.5#



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: 19.835 ng

RT: 6.65 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

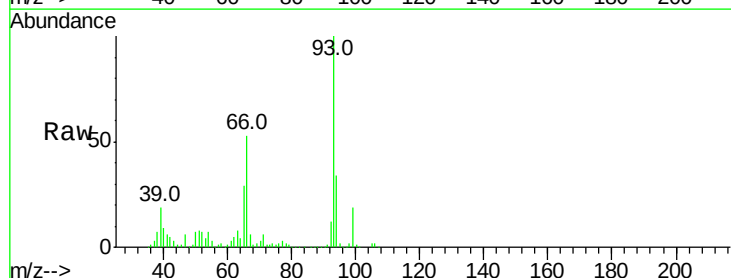
Tgt Ion: 93 Resp: 549054

Ion Ratio Lower Upper

93 100

66 53.0 32.2 48.2#

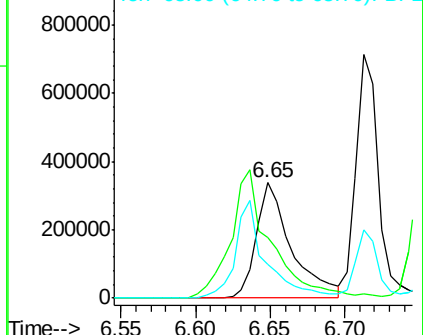
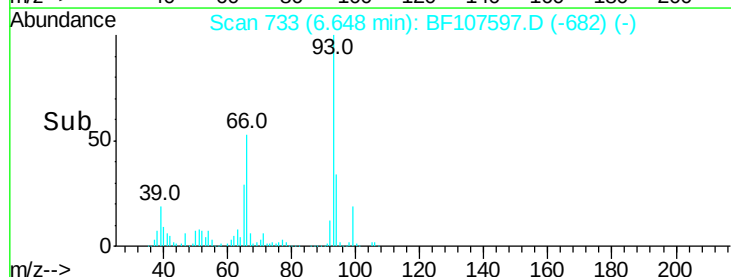
65 29.4 16.4 24.6#

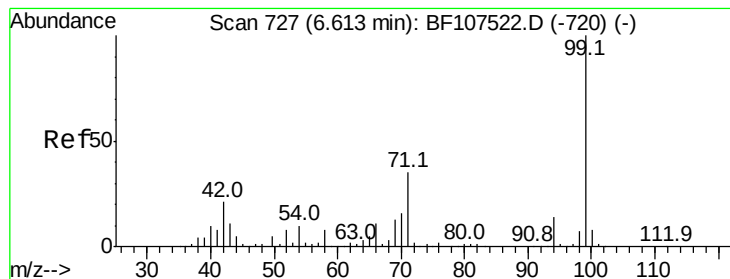


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.023 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

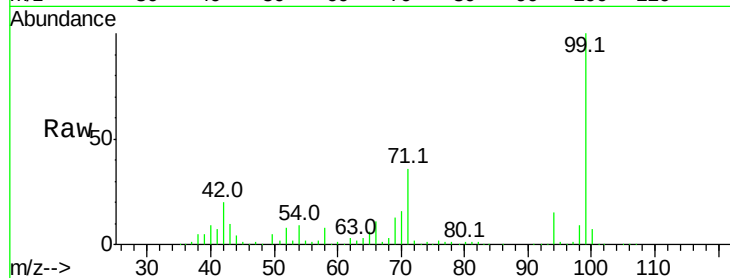
Tot Ion: 99 Resp: 2318364

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.6  | 14.5  | 21.7  |
| 71  | 35.8  | 25.4  | 38.0  |

99 100

42 19.6 14.5 21.7

71 35.8 25.4 38.0

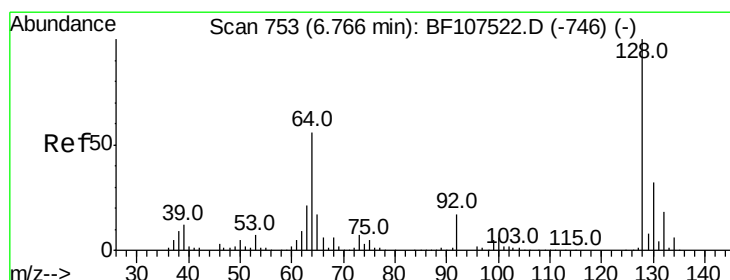
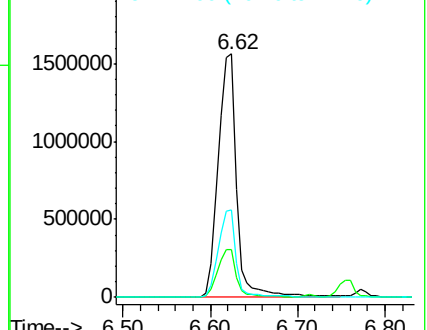
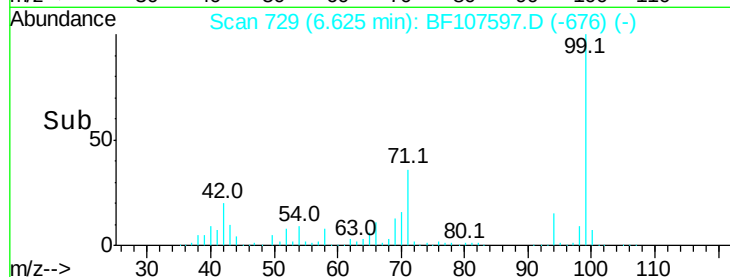


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.891 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

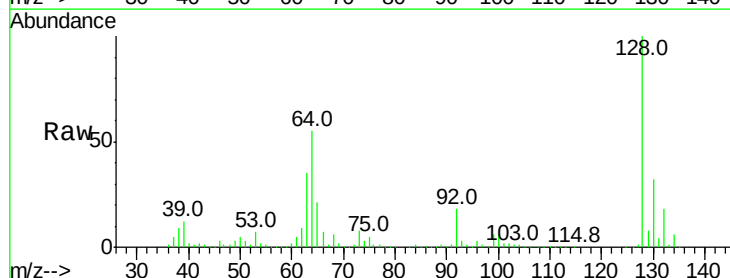
Tgt Ion: 128 Resp: 744731

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 13.0  | 53.0  |
| 64  | 55.1  | 29.4  | 69.4  |

128 100

130 32.1 13.0 53.0

64 55.1 29.4 69.4

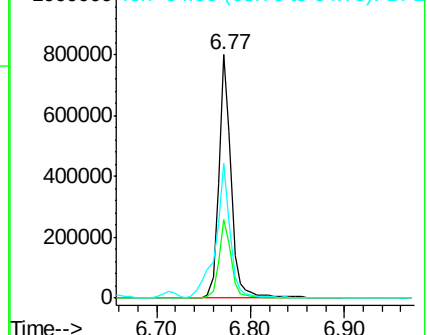
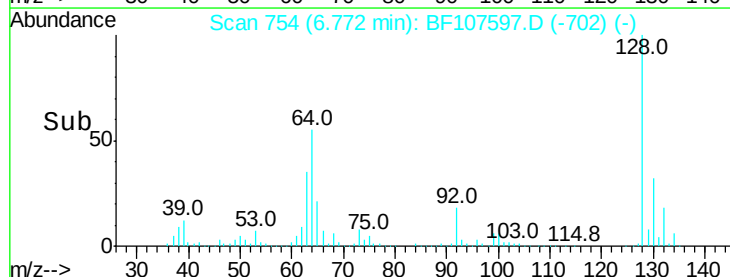


Abundance

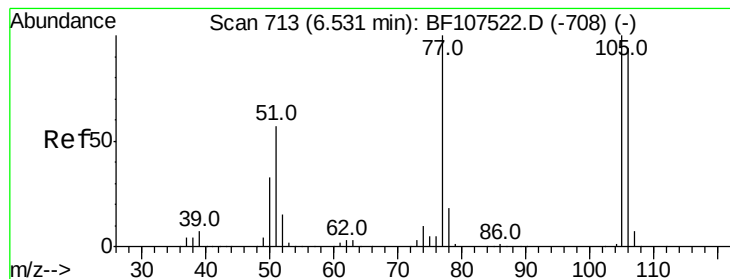
Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 22.922 ng

RT: 6.54 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

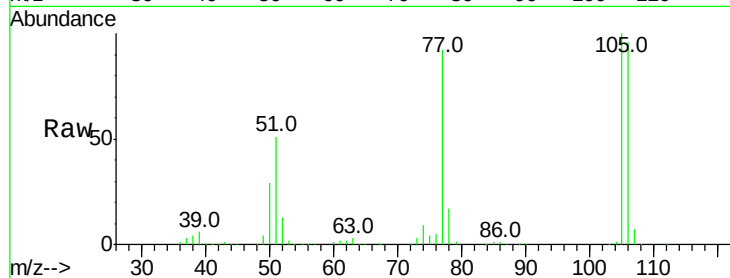
Tot Ion: 77 Resp: 336128

Ion Ratio Lower Upper

77 100

105 108.3 81.1 121.1

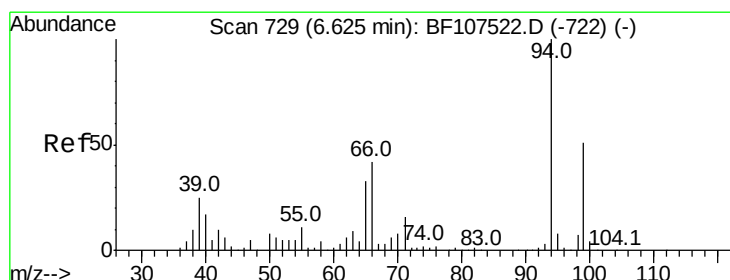
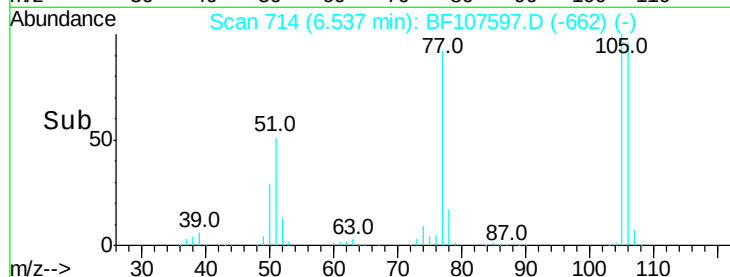
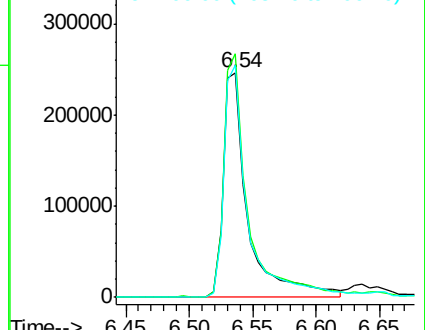
106 103.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.927 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

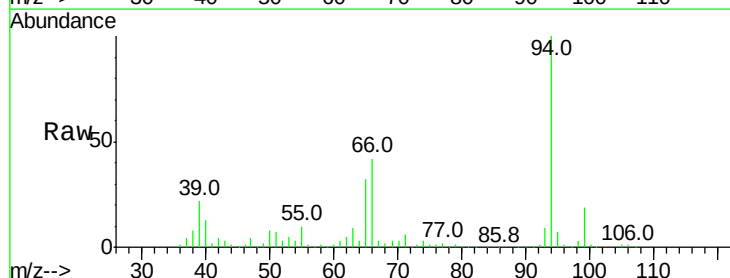
Tgt Ion: 94 Resp: 932049

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

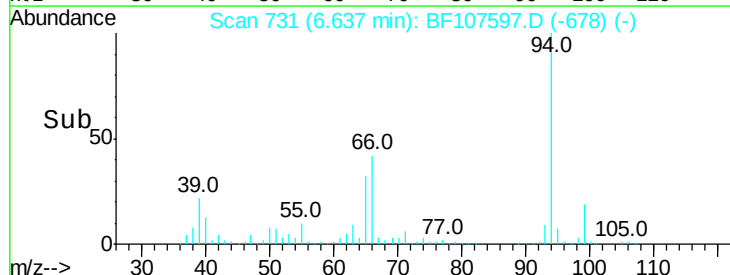
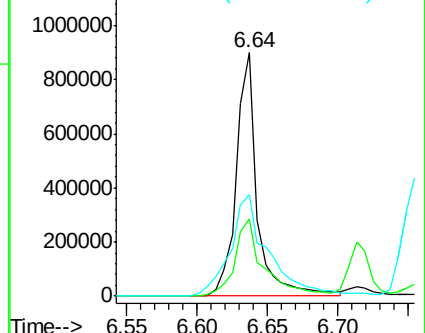
66 41.9 16.2 56.2



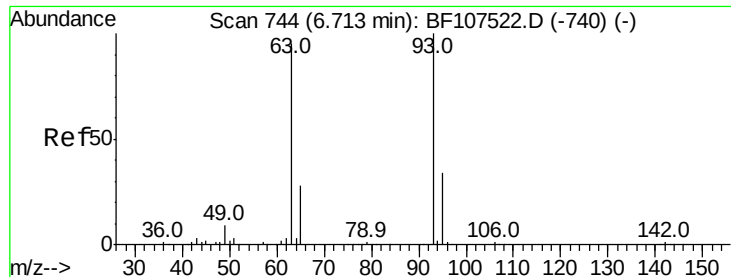
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 35.643 ng

RT: 6.71 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

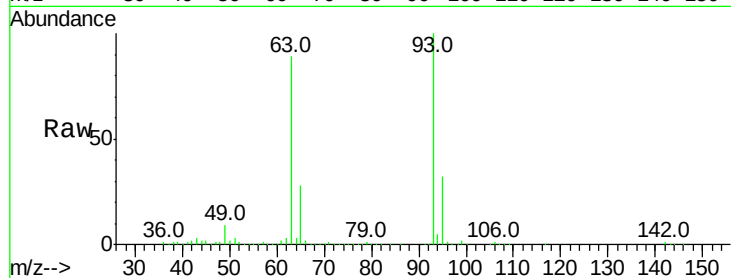
Tot Ion: 93 Resp: 745862

Ion Ratio Lower Upper

93 100

63 88.6 58.6 98.6

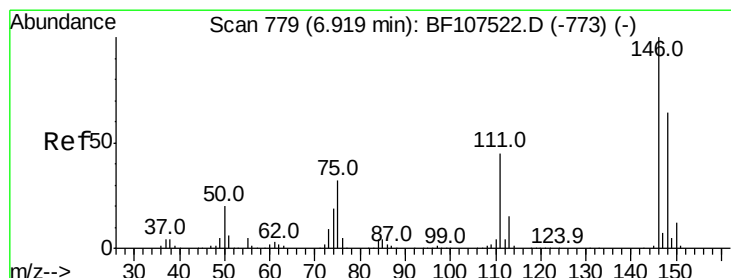
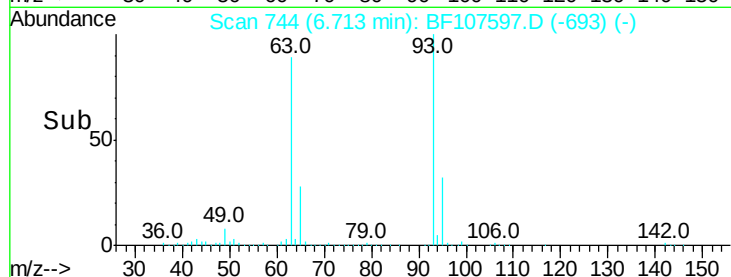
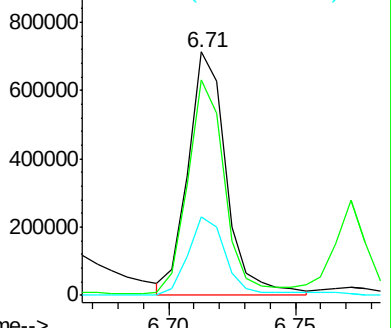
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.404 ng

RT: 6.92 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

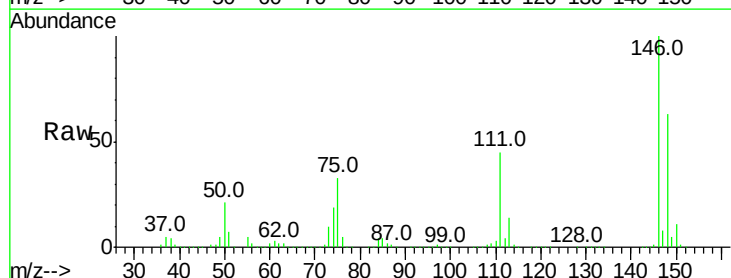
Tgt Ion: 146 Resp: 790372

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.8

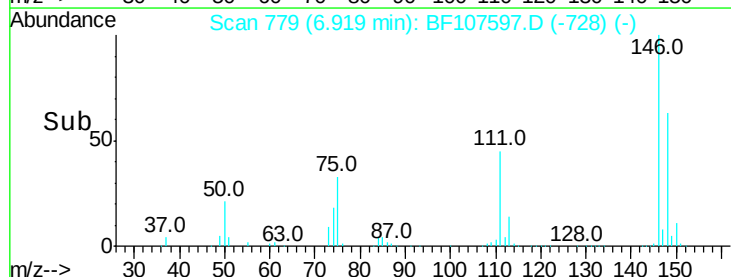
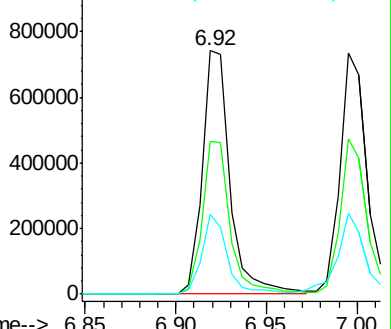
75 33.0 24.2 36.4

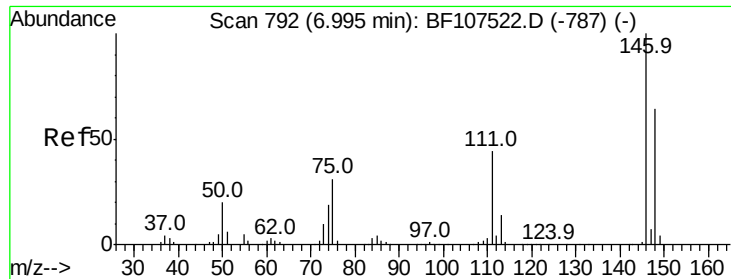


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

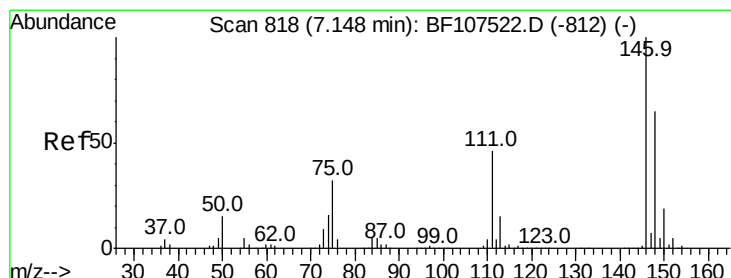
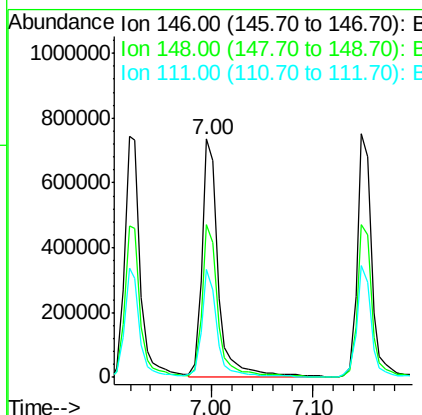
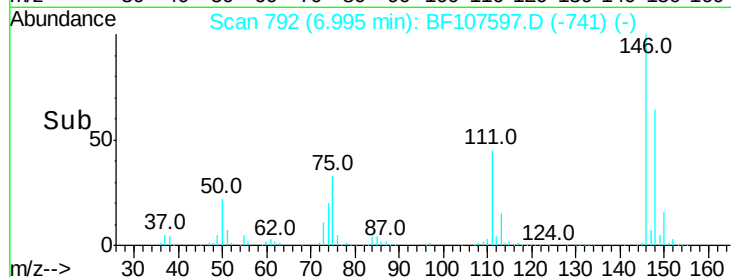
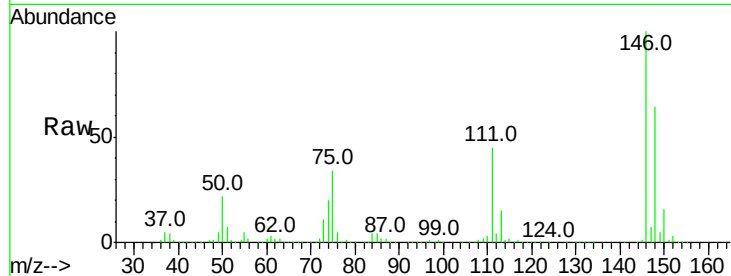




#13  
 1,4-Dichlorobenzene  
 Concen: 36.688 ng  
 RT: 7.00 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

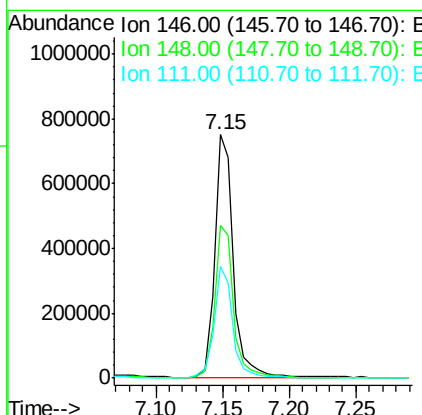
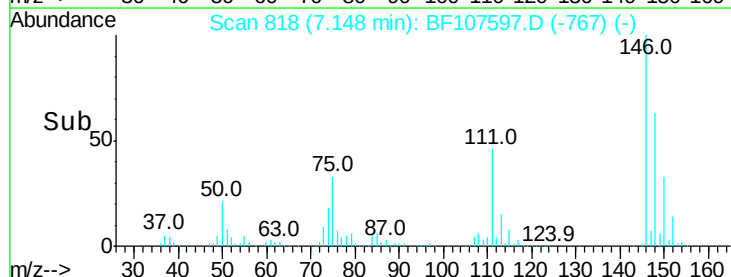
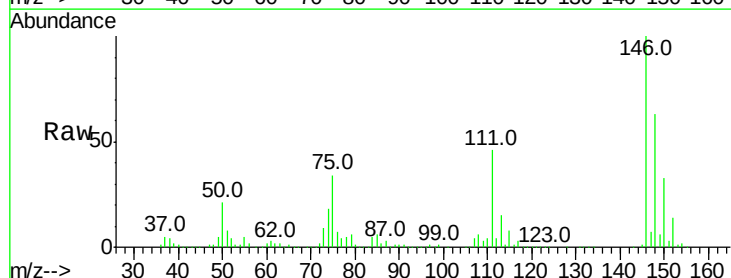
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

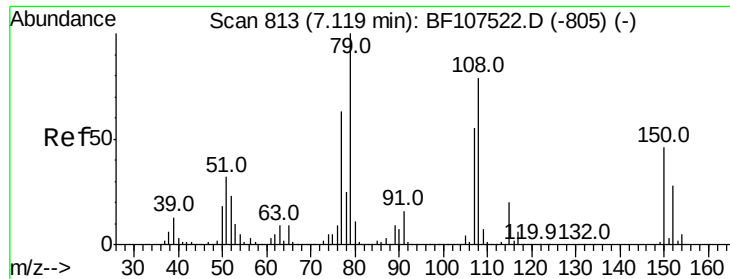
Tot Ion:146 Resp: 816401  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 50.8 76.2  
 111 45.2 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 36.563 ng  
 RT: 7.15 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

Tgt Ion:146 Resp: 730153  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 50.6 75.8  
 111 45.9 36.0 54.0

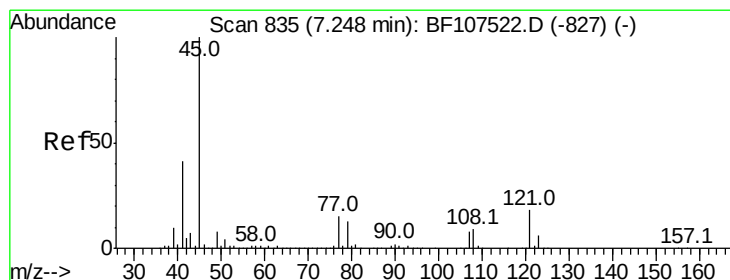
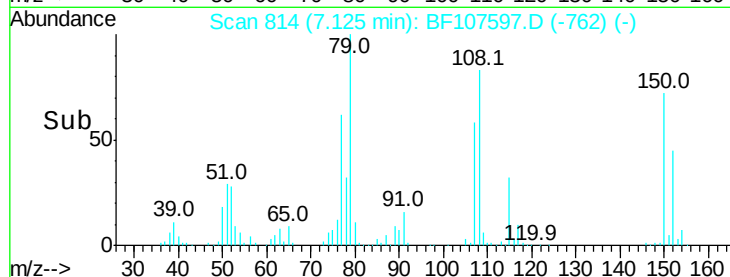
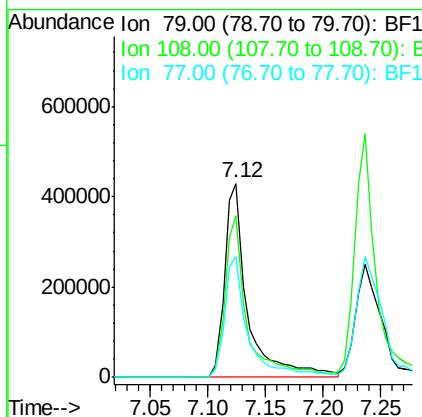
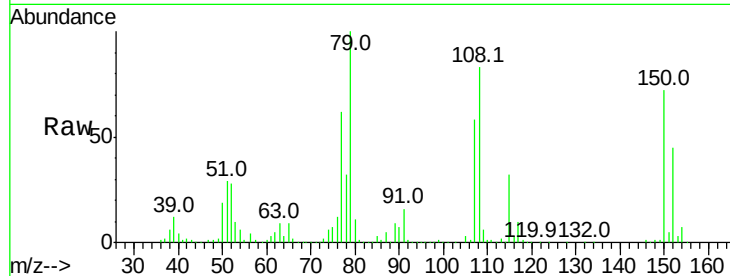




#15  
Benzyl Alcohol  
Concen: 40.575 ng  
RT: 7.12 min Scan# 814  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

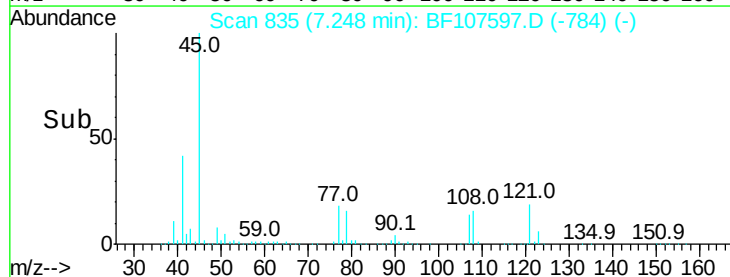
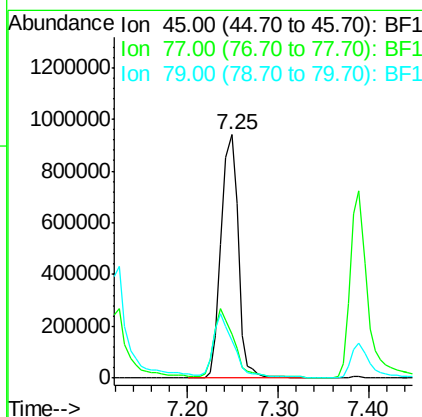
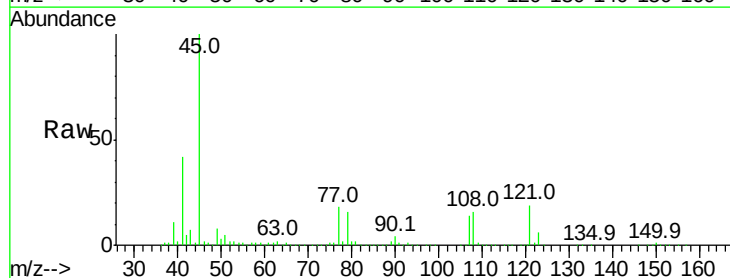
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

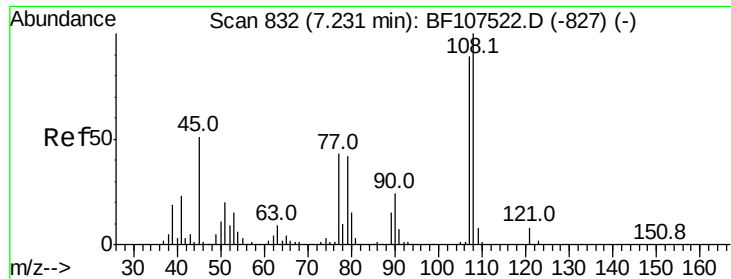
Tot Ion: 79 Resp: 593487  
Ion Ratio Lower Upper  
79 100  
108 83.1 65.1 97.7  
77 62.5 50.6 75.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 34.770 ng  
RT: 7.25 min Scan# 835  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion: 45 Resp: 1227477  
Ion Ratio Lower Upper  
45 100  
77 18.3 0.0 32.9  
79 15.6 0.0 29.6

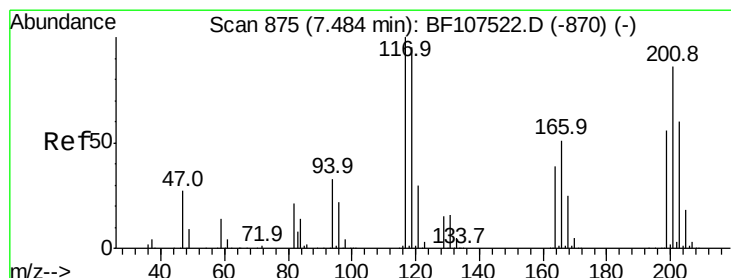
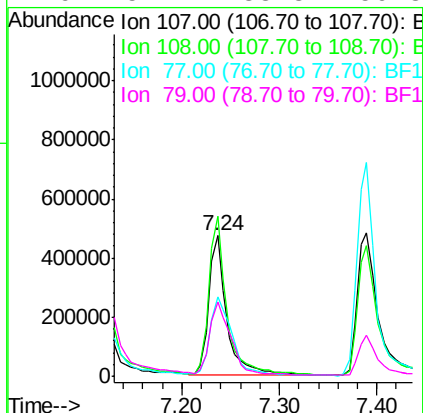
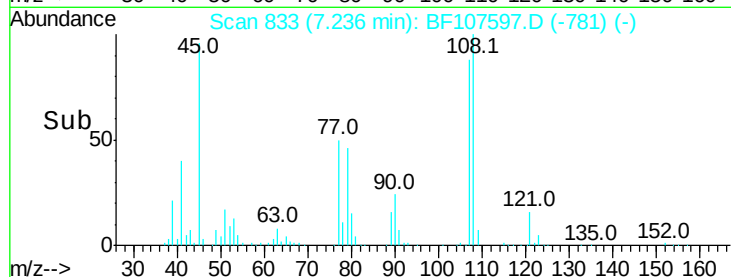
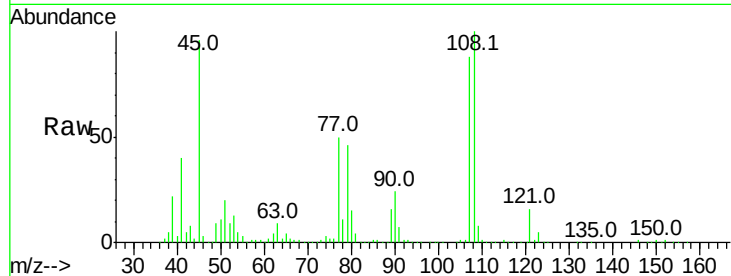




#17  
2-Methylphenol  
Concen: 37.719 ng  
RT: 7.24 min Scan# 833  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

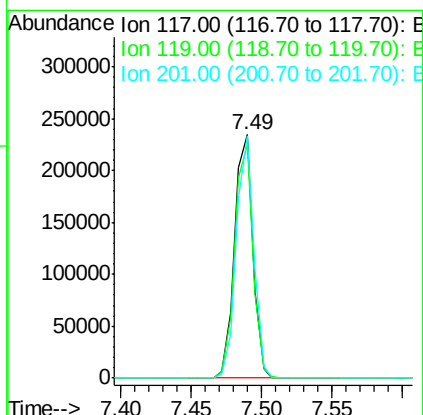
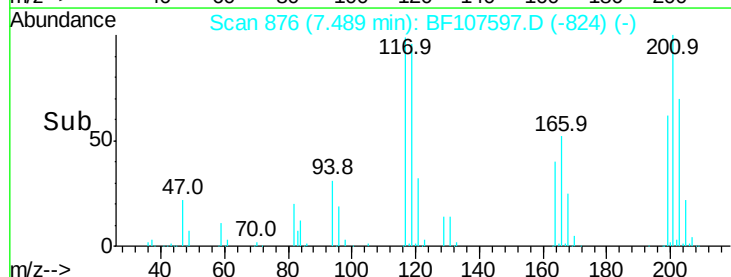
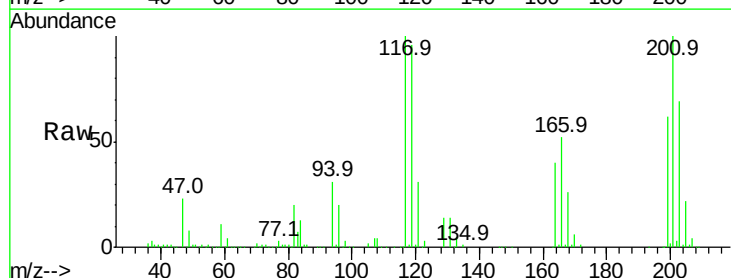
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

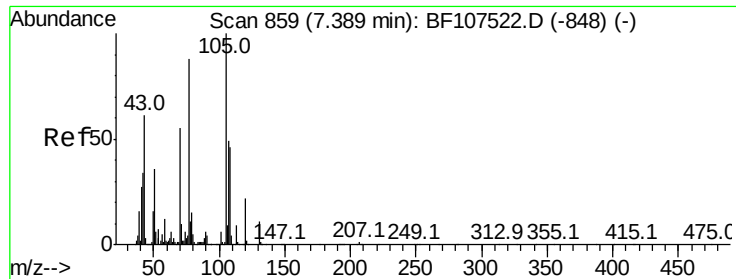
Tot Ion:107 Resp: 613911  
Ion Ratio Lower Upper  
107 100  
108 113.7 91.7 137.5  
77 56.5 33.8 50.8#  
79 52.7 33.8 50.8#



#18  
Hexachloroethane  
Concen: 27.310 ng  
RT: 7.49 min Scan# 876  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:117 Resp: 213152  
Ion Ratio Lower Upper  
117 100  
119 95.7 75.8 113.8  
201 99.7 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.455 ng

RT: 7.39 min Scan# 859

Delta R.T. -0.00 min

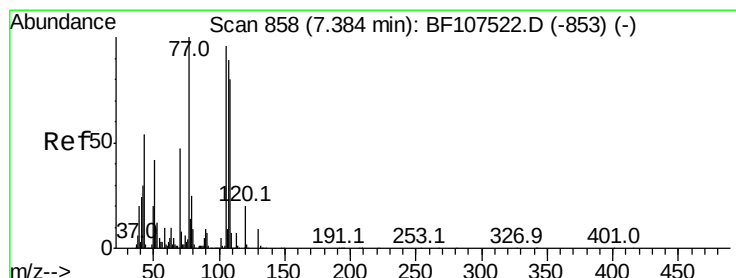
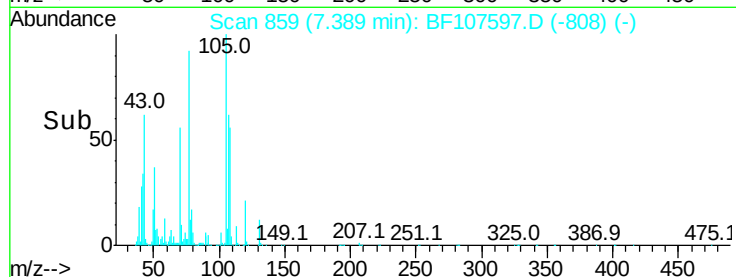
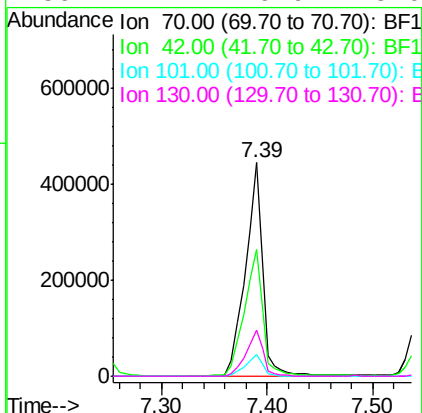
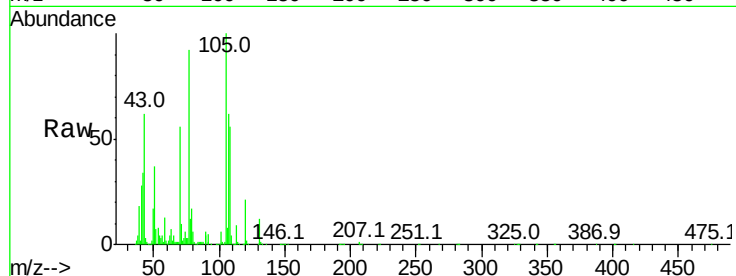
Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

Tot Ion: 70 Resp: 505437

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 59.6  | 47.5  | 71.3  |
| 101 | 10.1  | 7.4   | 11.2  |
| 130 | 21.7  | 16.6  | 25.0  |



#20

3+4-Methylphenols

Concen: 37.881 ng

RT: 7.39 min Scan# 859

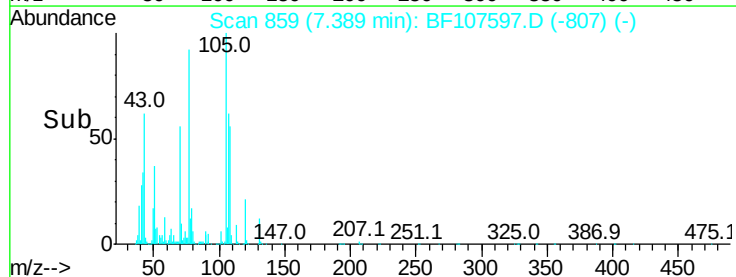
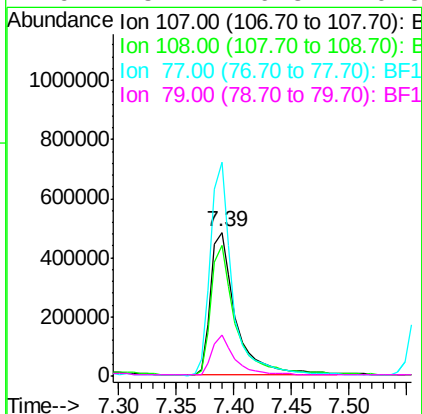
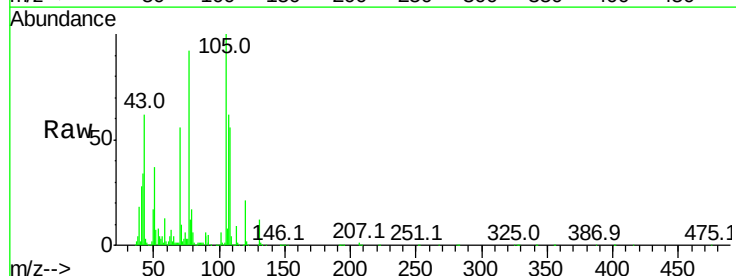
Delta R.T. 0.01 min

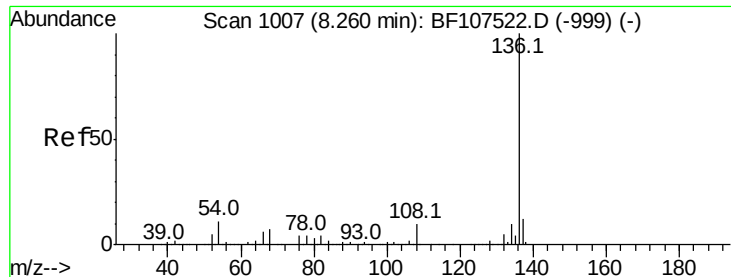
Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Tgt Ion: 107 Resp: 732108

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.5  | 68.2  | 108.2 |
| 77  | 148.5 | 26.7  | 66.7# |
| 79  | 28.2  | 6.3   | 46.3  |

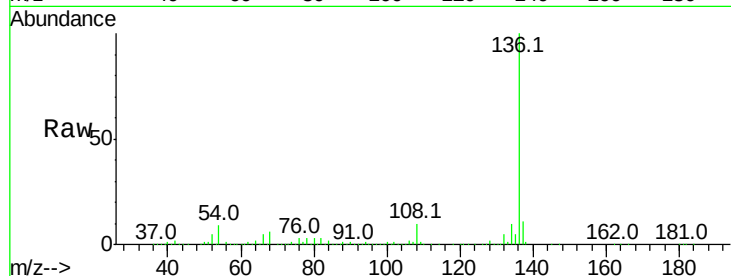




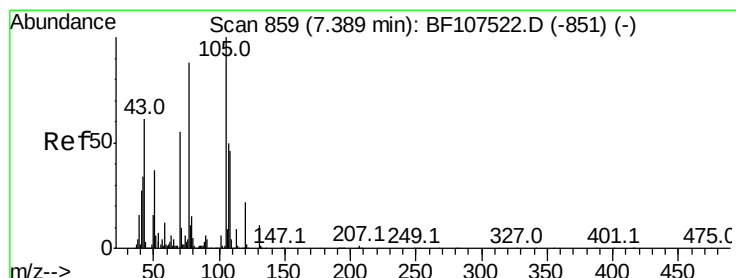
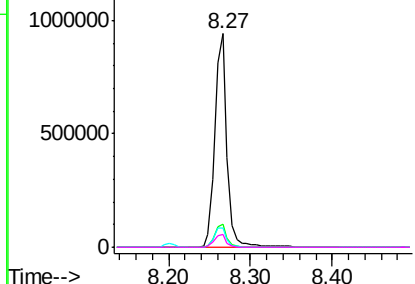
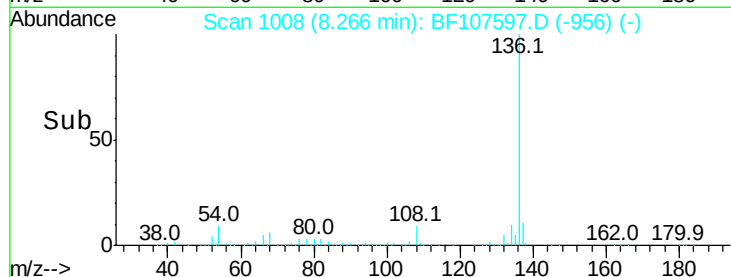
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.27 min Scan# 1008  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

| Tot Ion:136 | Resp: | 971135      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.9  | 8.9 13.3    |
| 54          | 9.3   | 6.6 9.8     |
| 68          | 5.8   | 5.0 7.4     |

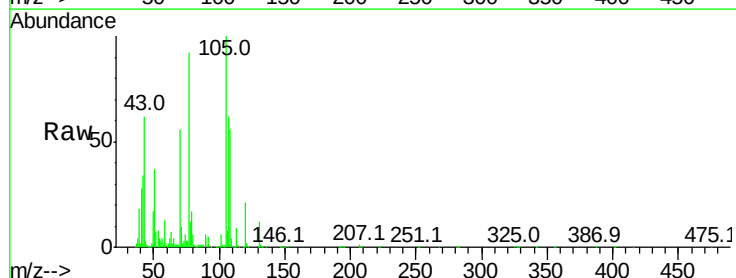


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

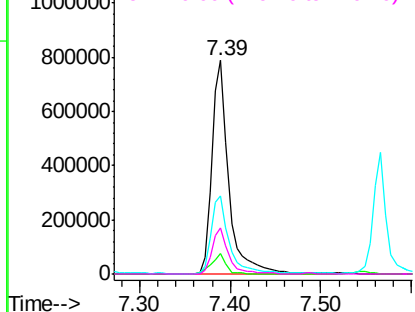
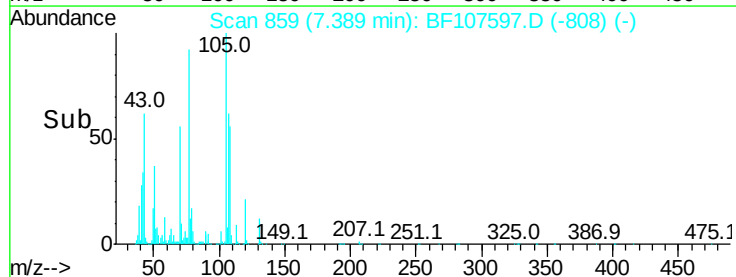


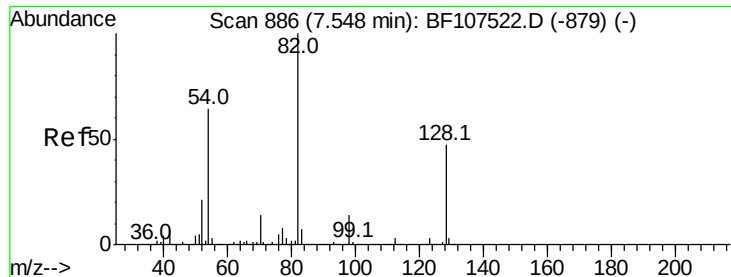
#22  
Acetophenone  
Concen: 44.978 ng  
RT: 7.39 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

| Tgt Ion:105 | Resp: | 1025829     |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 9.7   | 4.4 6.6#    |
| 51          | 36.7  | 22.3 33.5#  |
| 120         | 21.3  | 16.9 25.3   |



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

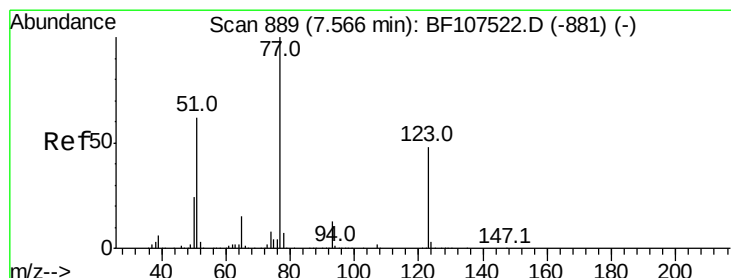
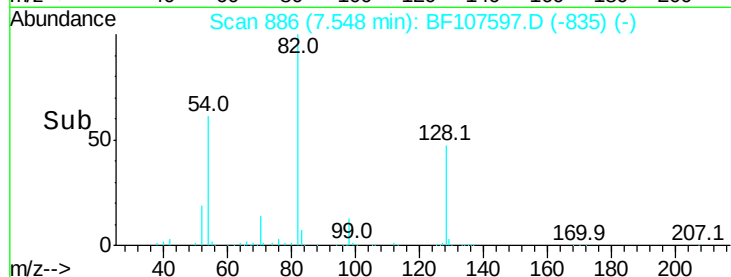
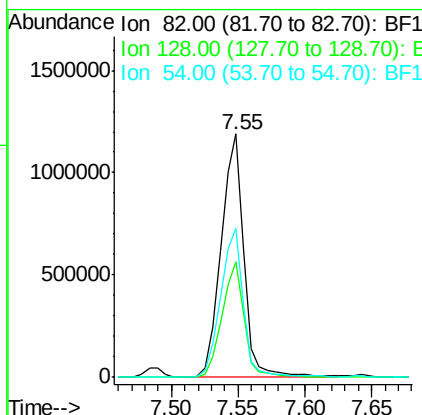
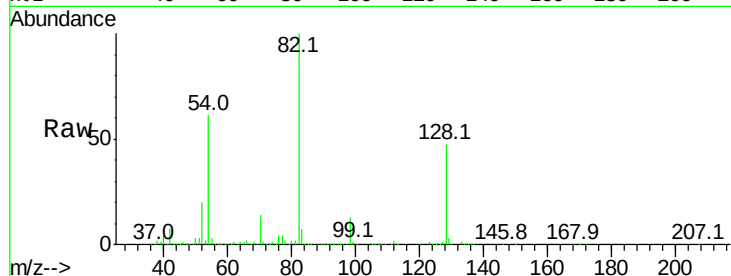




#23  
Nitrobenzene-d5  
Concen: 100.157 ng  
RT: 7.55 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

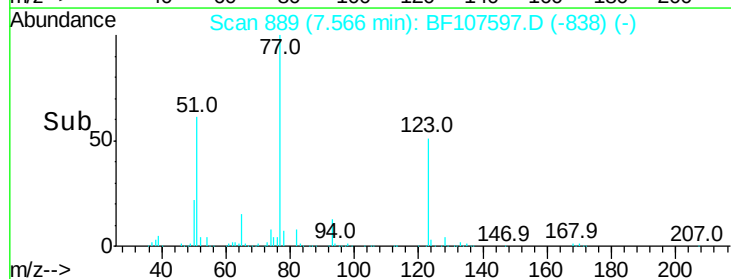
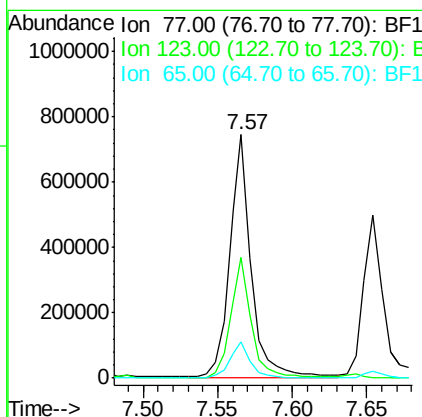
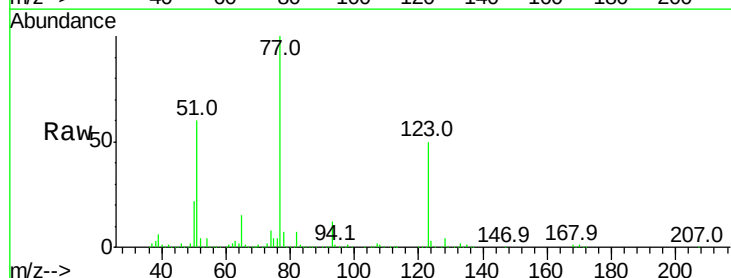
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

Tot Ion: 82 Resp: 1441241  
Ion Ratio Lower Upper  
82 100  
128 47.3 36.1 54.1  
54 61.2 41.4 62.2

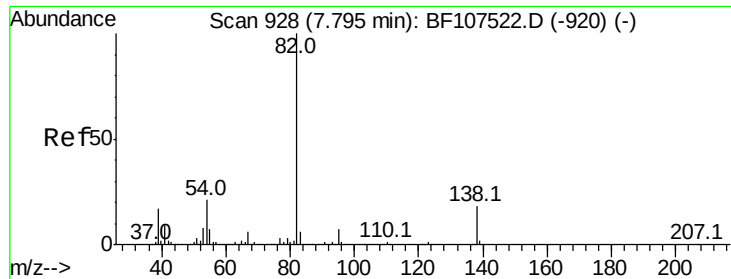


#24  
Nitrobenzene  
Concen: 45.566 ng  
RT: 7.57 min Scan# 889  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion: 77 Resp: 751011  
Ion Ratio Lower Upper  
77 100  
123 49.6 37.9 56.9  
65 14.8 11.0 16.4







#25

Isophorone

Concen: 44.088 ng

RT: 7.80 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

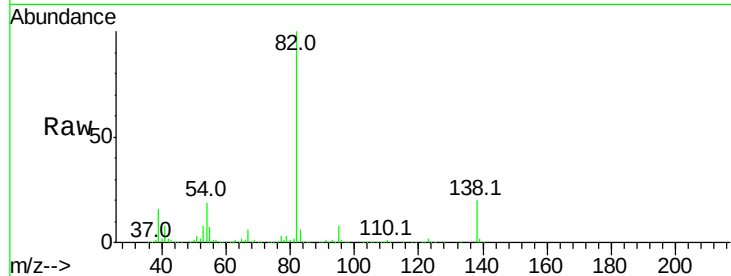
Tot Ion: 82 Resp: 1354597

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

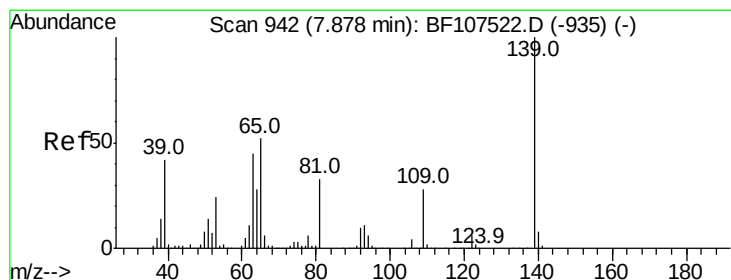
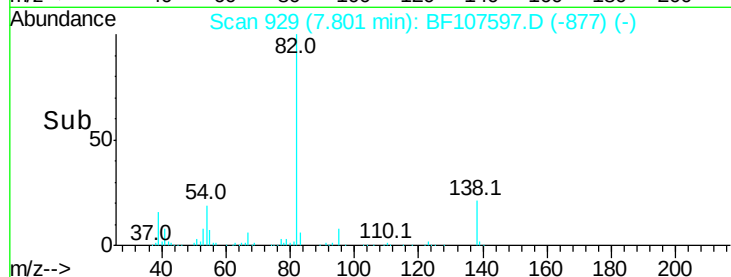
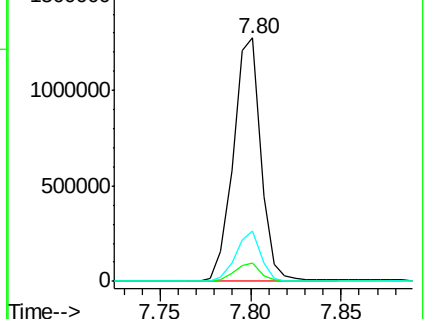
138 20.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.074 ng

RT: 7.88 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

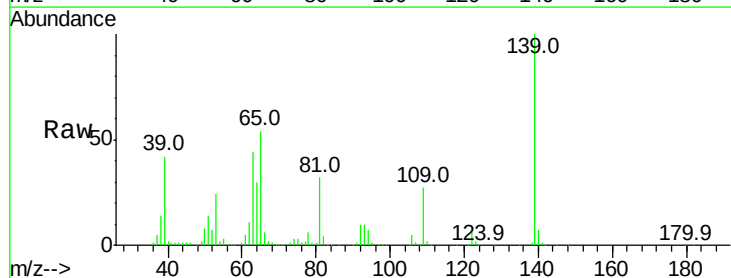
Tgt Ion: 139 Resp: 306756

Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

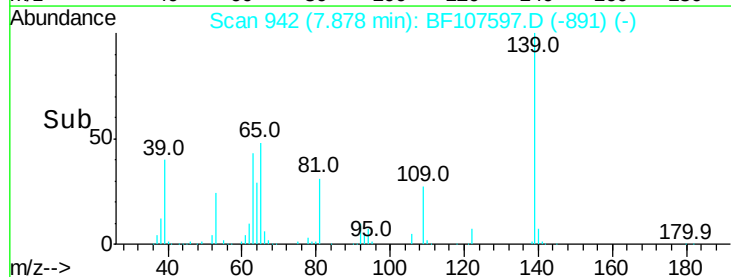
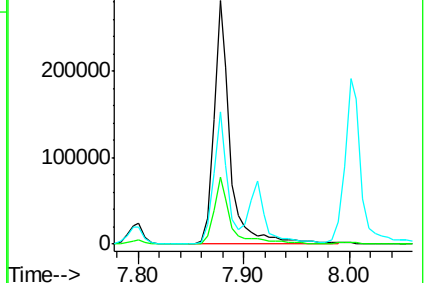
65 54.1 40.5 60.7

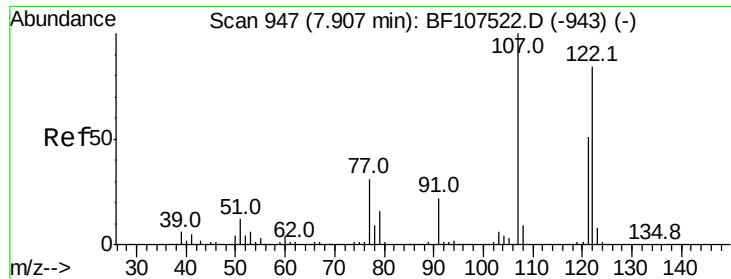


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.565 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampled :

TP-10MSD

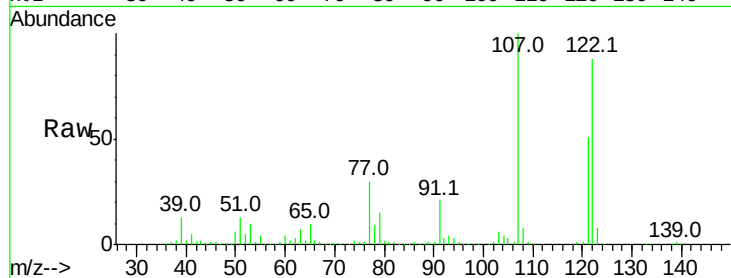
Tot Ion:122 Resp: 613479

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

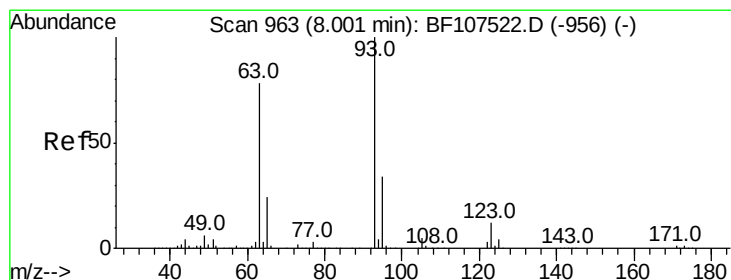
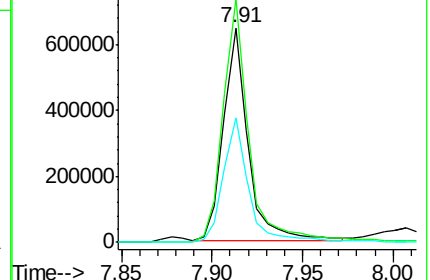
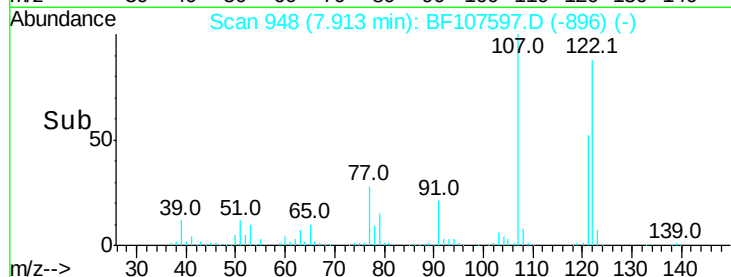
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.120 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

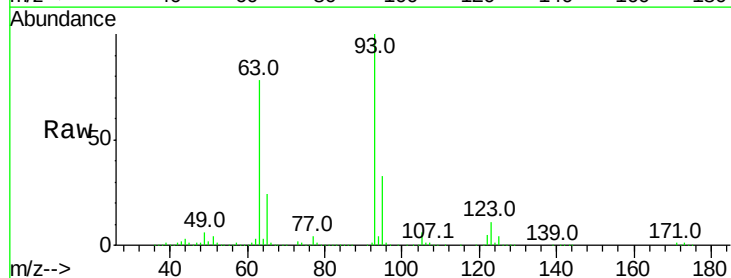
Tgt Ion: 93 Resp: 905910

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

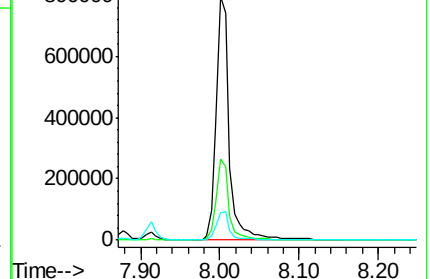
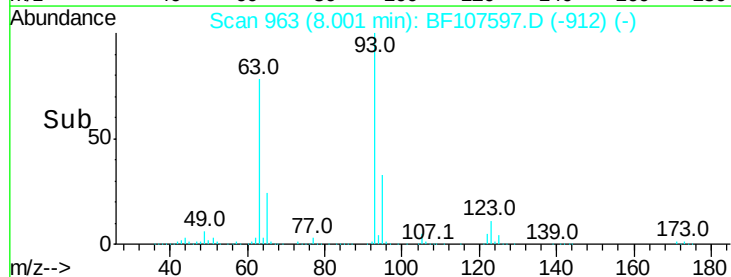
123 11.4 9.8 14.6

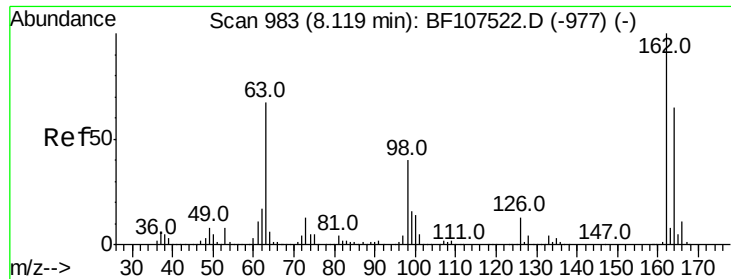


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

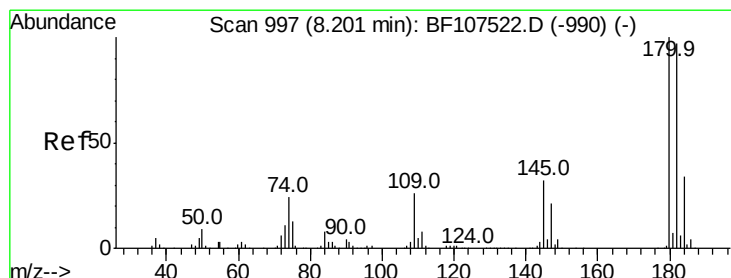
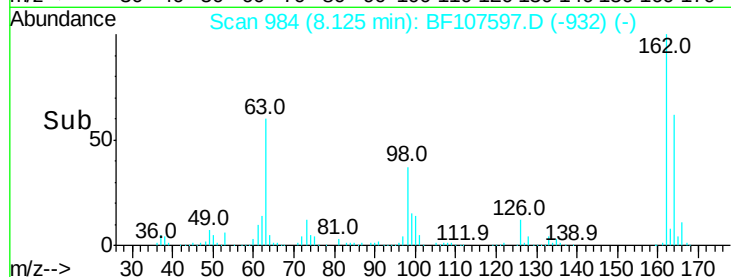
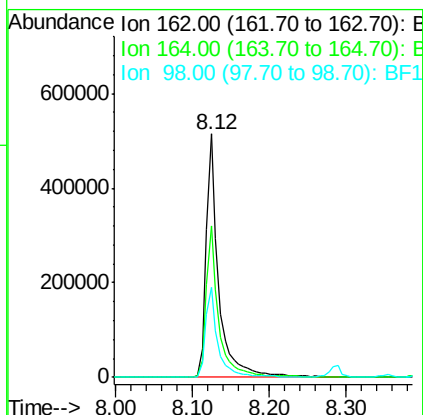
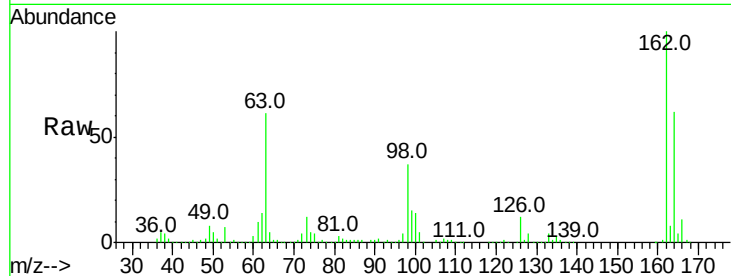




#29  
2,4-Dichlorophenol  
Concen: 43.057 ng  
RT: 8.12 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

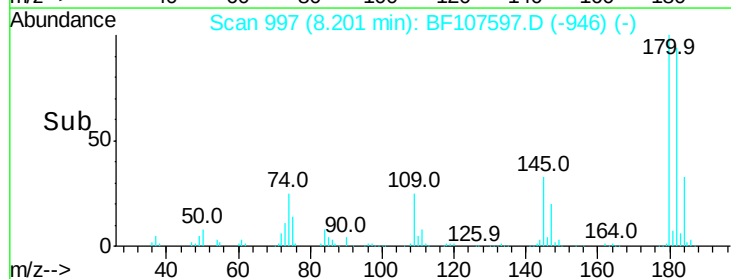
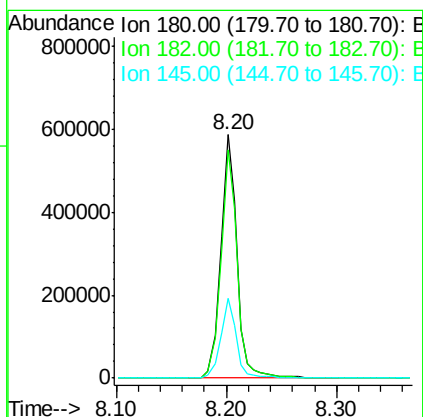
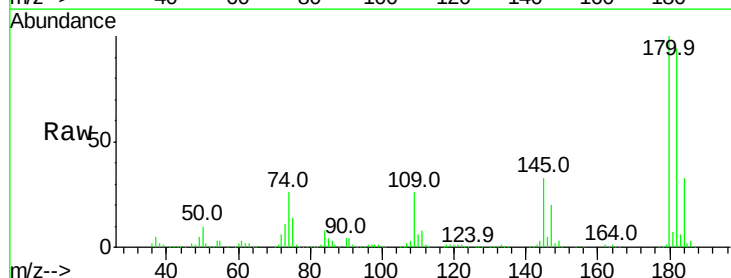
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

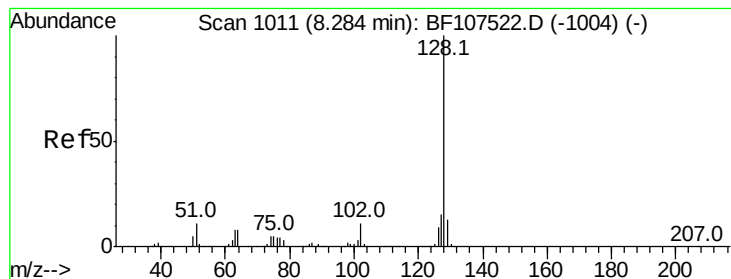
Tot Ion:162 Resp: 579802  
Ion Ratio Lower Upper  
162 100  
164 62.0 42.7 82.7  
98 36.8 18.1 58.1



#30  
1,2,4-Trichlorobenzene  
Concen: 39.690 ng  
RT: 8.20 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:180 Resp: 600282  
Ion Ratio Lower Upper  
180 100  
182 93.6 76.8 115.2  
145 32.9 26.5 39.7





#31

Naphthalene

Concen: 44.264 ng

RT: 8.29 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

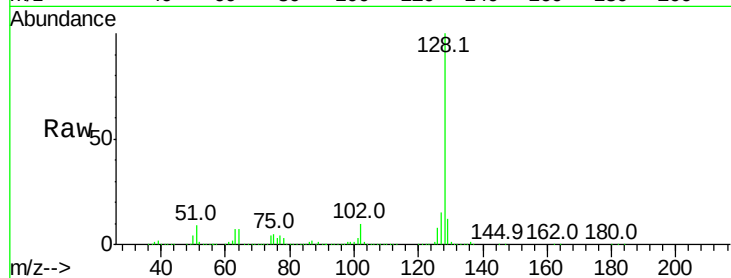
Tot Ion:128 Resp: 1890277

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

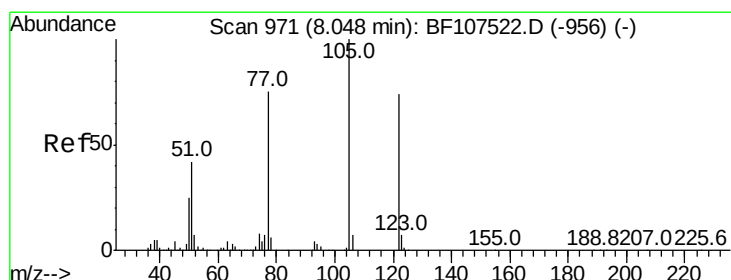
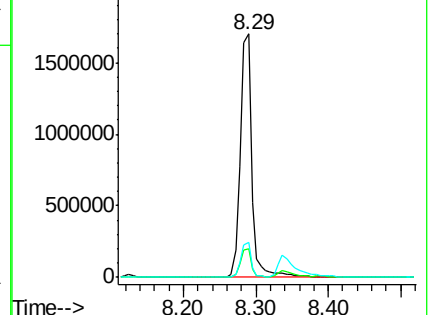
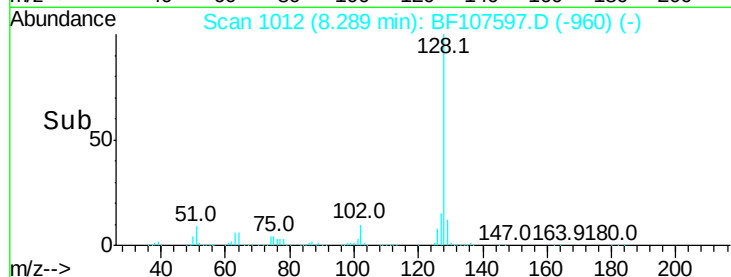
127 14.6 10.9 16.3



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: 17.776 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.04 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

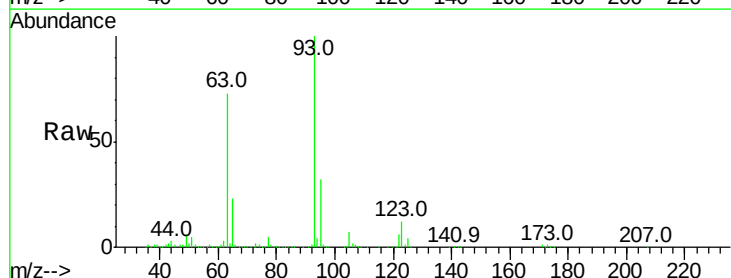
Tgt Ion:122 Resp: 108735

Ion Ratio Lower Upper

122 100

105 111.9 101.1 141.1

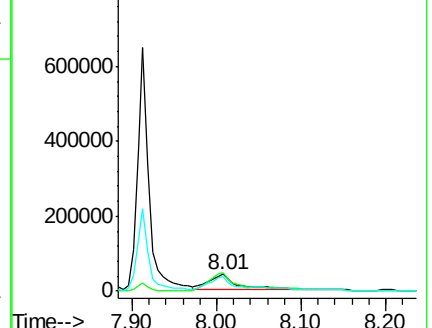
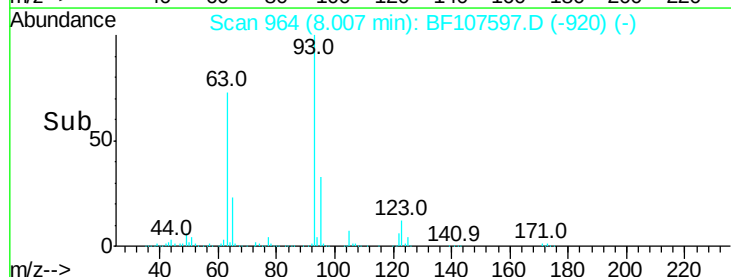
77 87.1 70.7 110.7

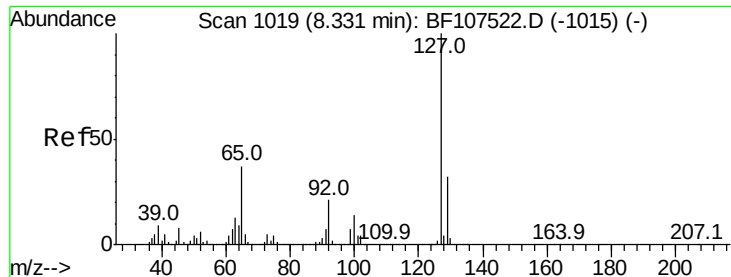


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

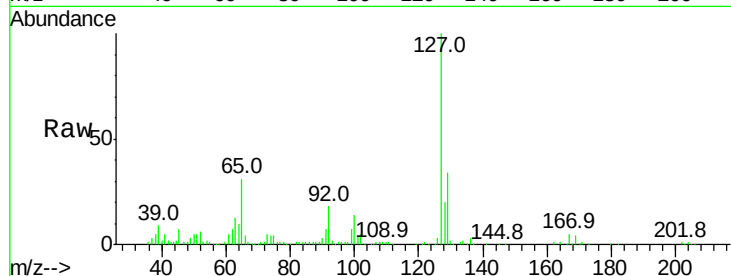




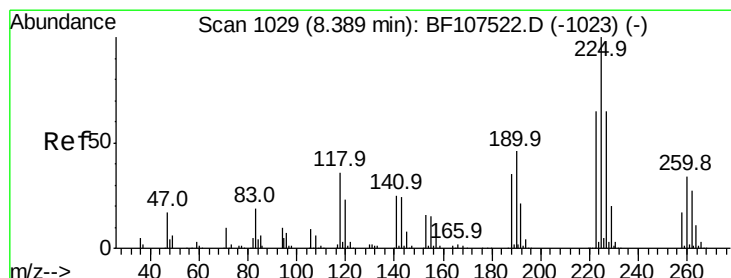
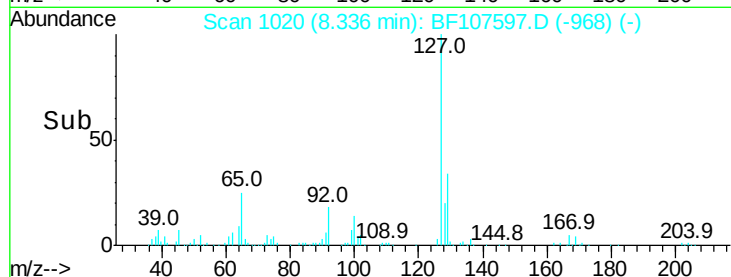
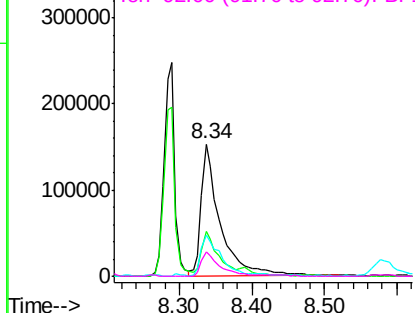
#33  
 4-Chloroaniline  
 Concen: 14.938 ng  
 RT: 8.34 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 278821 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.6  | 25.9  | 38.9   |
| 65       | 31.1  | 25.0  | 37.4   |
| 92       | 18.5  | 15.2  | 22.8   |

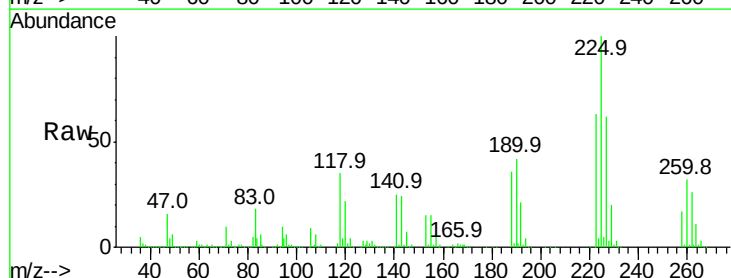


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1

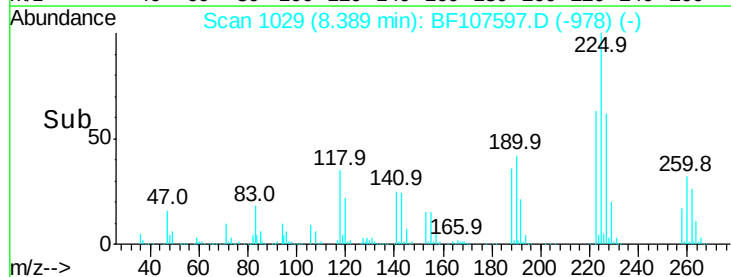
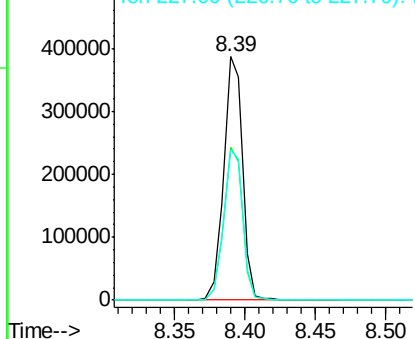


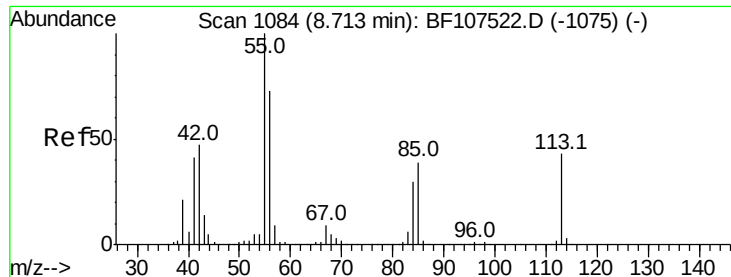
#34  
 Hexachlorobutadiene  
 Concen: 39.861 ng  
 RT: 8.39 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 358231 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 50.6  | 76.0   |
| 227      | 61.6  | 51.9  | 77.9   |



Abundance Ion 225.00 (224.70 to 225.70): E  
 Ion 223.00 (222.70 to 223.70): E  
 Ion 227.00 (226.70 to 227.70): E

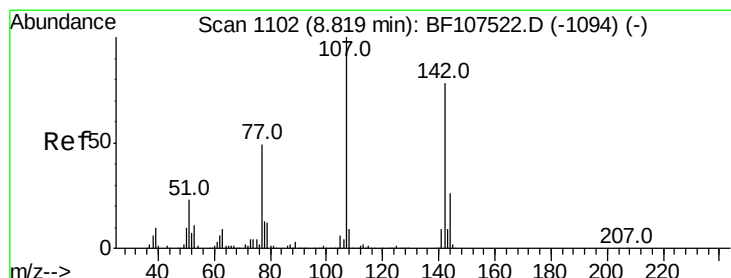
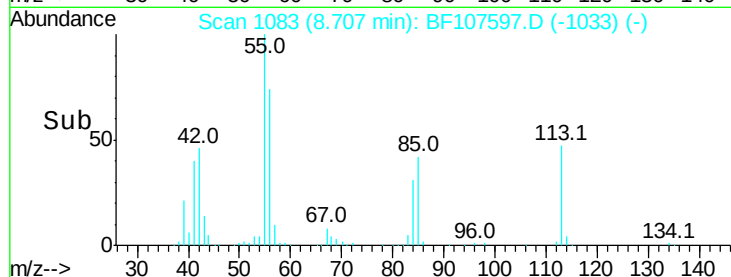
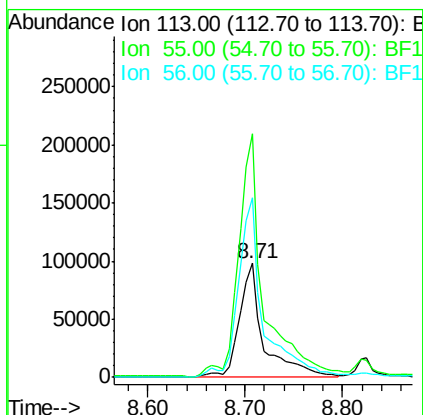
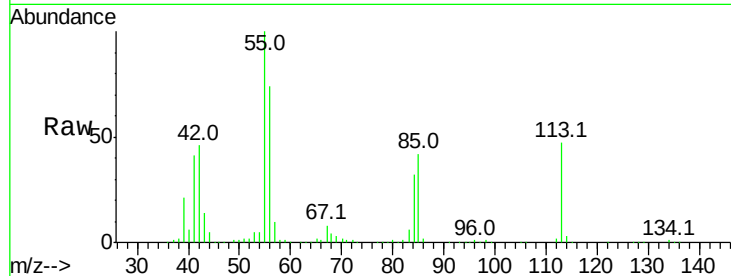




#35  
Caprolactam  
Concen: 39.239 ng  
RT: 8.71 min Scan# 1083  
Delta R.T. -0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

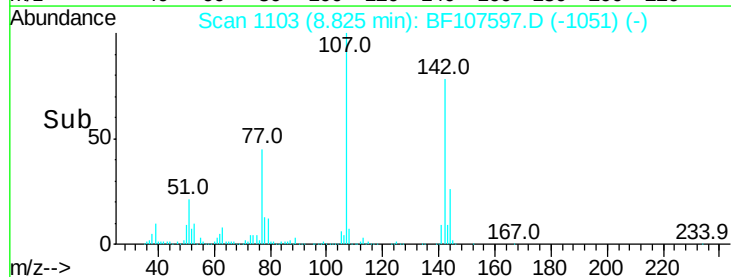
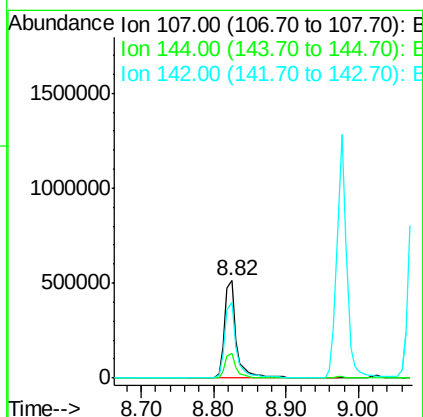
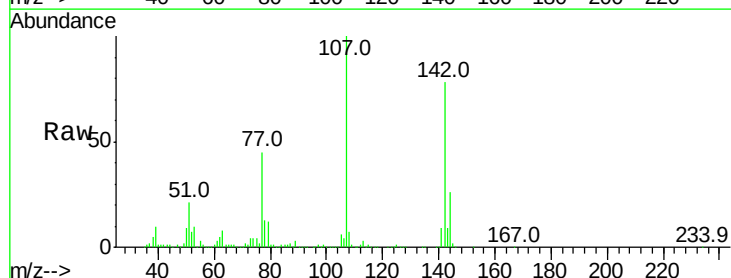
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

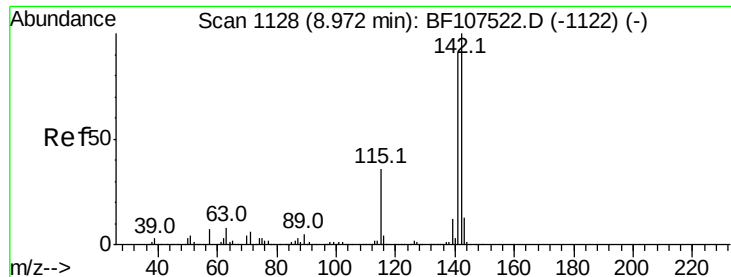
Tot Ion:113 Resp: 171864  
Ion Ratio Lower Upper  
113 100  
55 214.1 163.3 203.3#  
56 157.5 115.7 155.7#



#36  
4-Chloro-3-methylphenol  
Concen: 39.227 ng  
RT: 8.82 min Scan# 1103  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:107 Resp: 586761  
Ion Ratio Lower Upper  
107 100  
144 25.5 20.5 30.7  
142 78.0 62.0 93.0

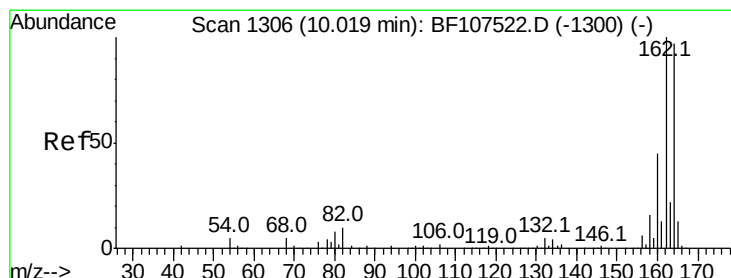
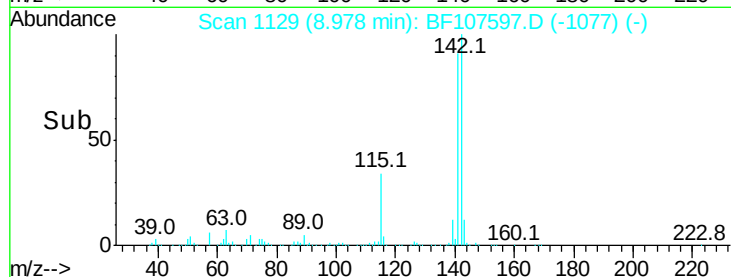
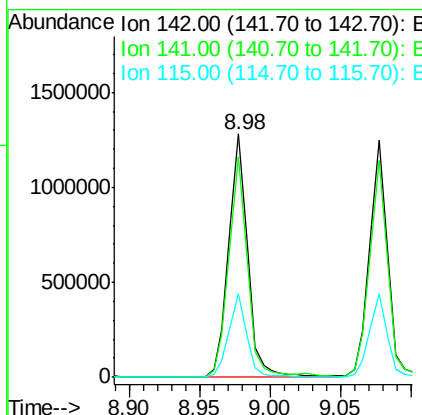
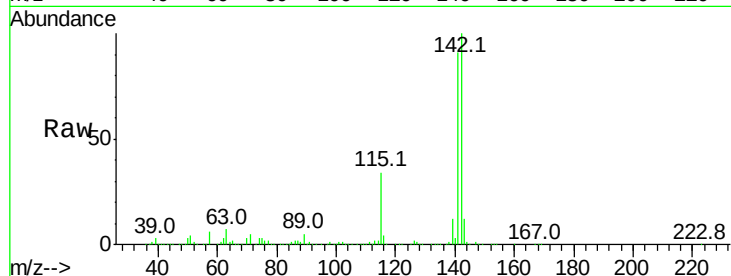




#37  
2-Methylnaphthalene  
Concen: 41.319 ng  
RT: 8.98 min Scan# 1129  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

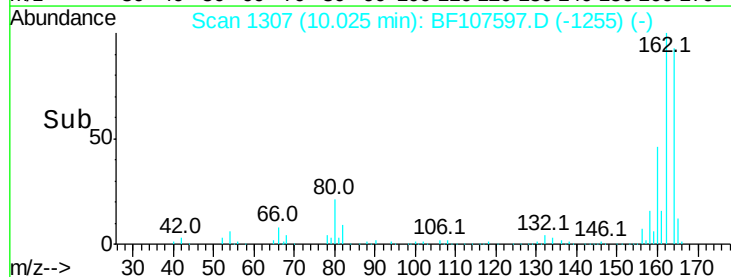
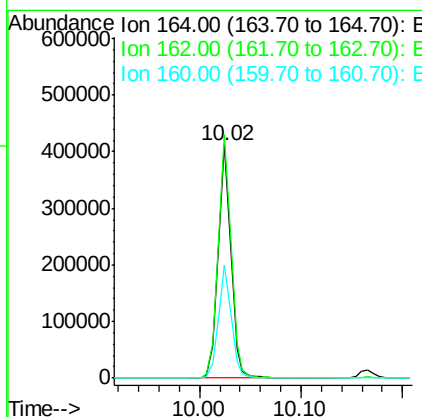
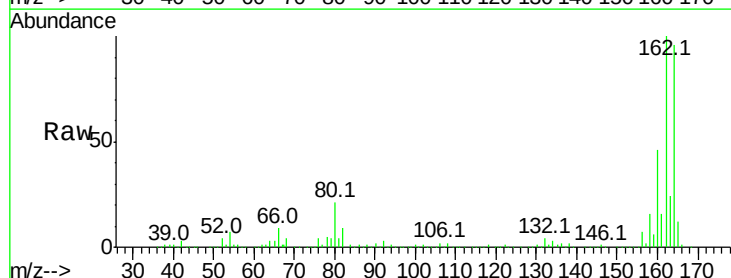
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

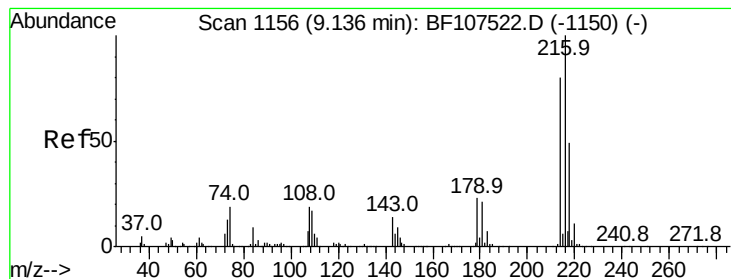
Tot Ion:142 Resp: 1222757  
Ion Ratio Lower Upper  
142 100  
141 90.7 70.8 106.2  
115 34.3 26.1 39.1



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.02 min Scan# 1307  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:164 Resp: 370832  
Ion Ratio Lower Upper  
164 100  
162 104.4 86.1 129.1  
160 48.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.871 ng

RT: 9.14 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

Tot Ion:216 Resp: 555002

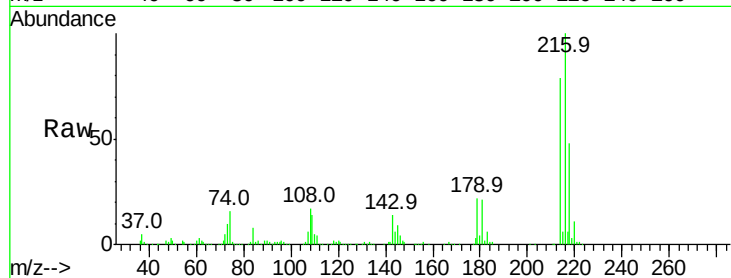
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 21.3 18.1 27.1

108 17.5 17.2 25.8

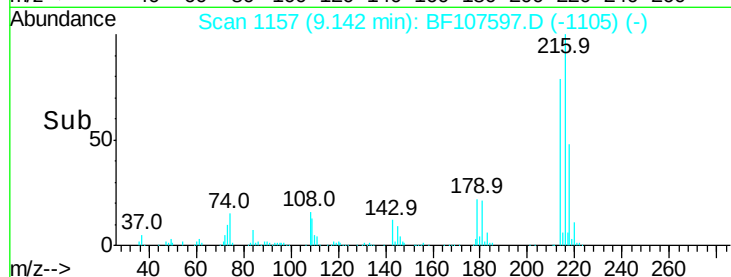


Abundance Ion 216.00 (215.70 to 216.70): E

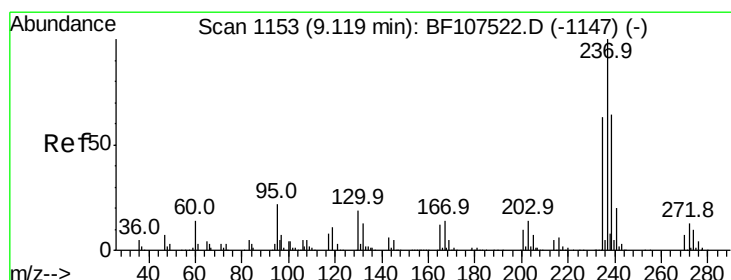
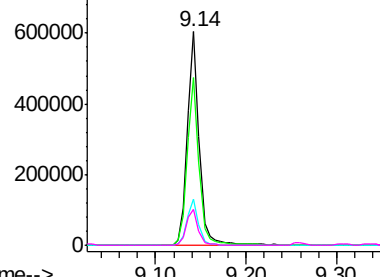
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 5.627 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

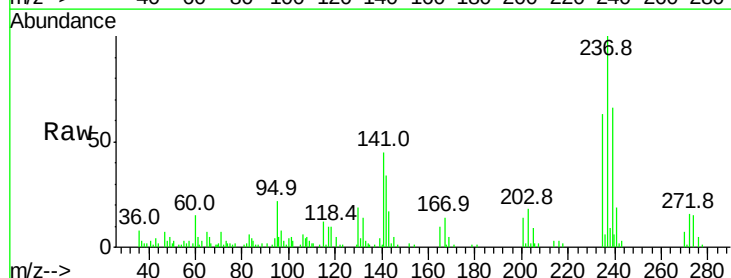
Tgt Ion:237 Resp: 35382

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

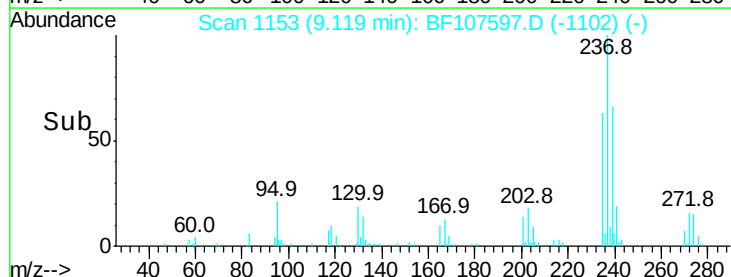
272 15.9 0.0 33.3



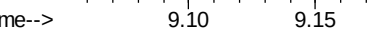
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

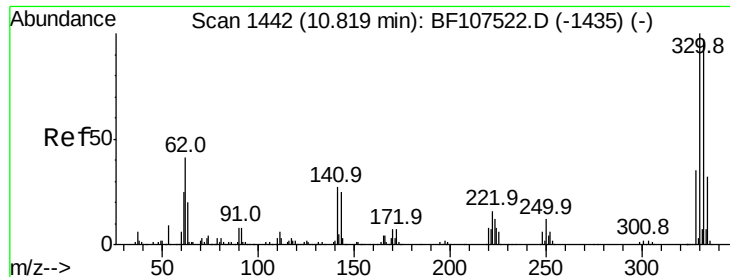
Ion 271.75 (271.45 to 272.45): E



Time-->



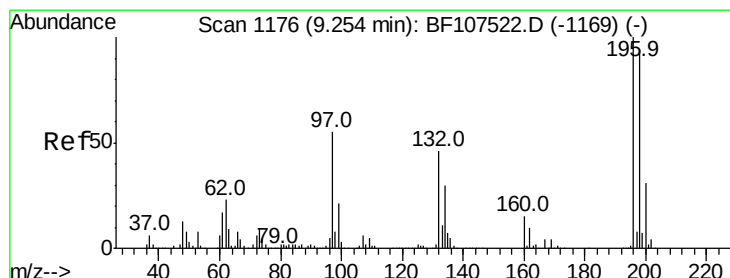
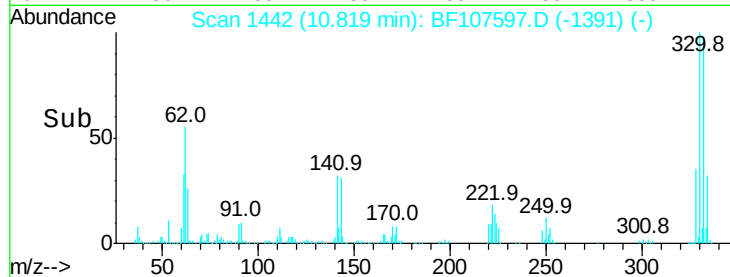
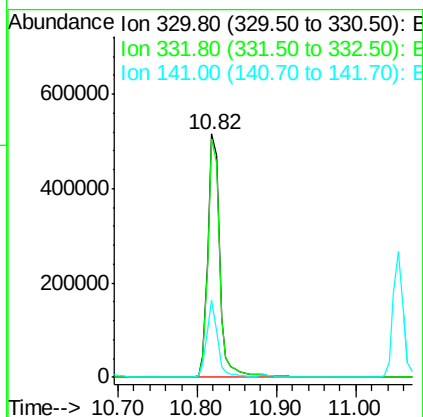
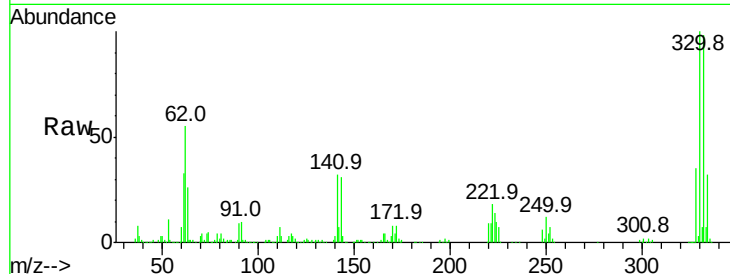




#41  
 2,4,6-Tribromophenol  
 Concen: 130.801 ng  
 RT: 10.82 min Scan# 1442  
 Delta R.T. -0.00 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

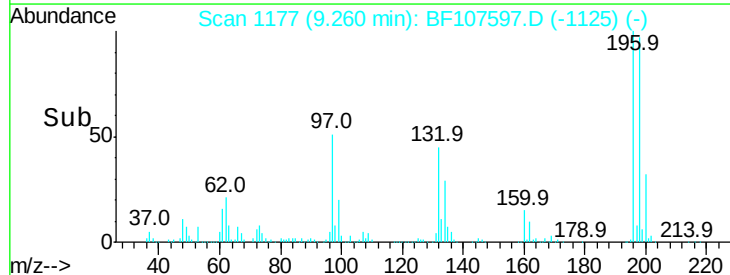
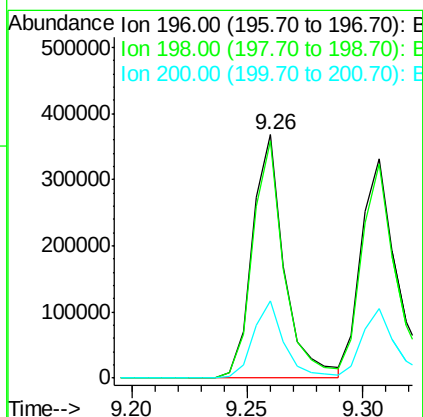
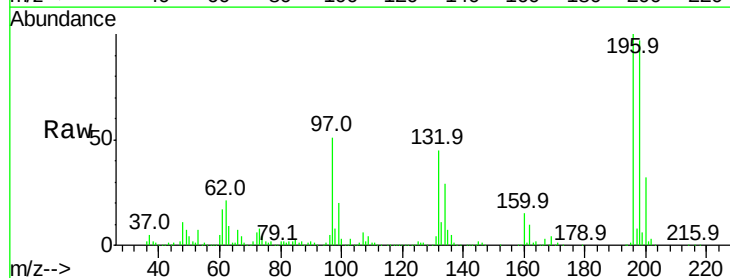
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

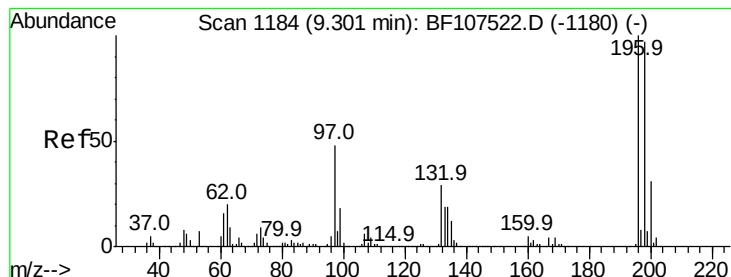
Tot Ion:330 Resp: 551581  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.0 115.6  
 141 28.6 29.9 44.9#



#42  
 2,4,6-Trichlorophenol  
 Concen: 45.054 ng  
 RT: 9.26 min Scan# 1177  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

Tgt Ion:196 Resp: 356699  
 Ion Ratio Lower Upper  
 196 100  
 198 97.4 75.7 113.5  
 200 31.8 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 44.784 ng

RT: 9.31 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

Tot Ion:196 Resp: 370567

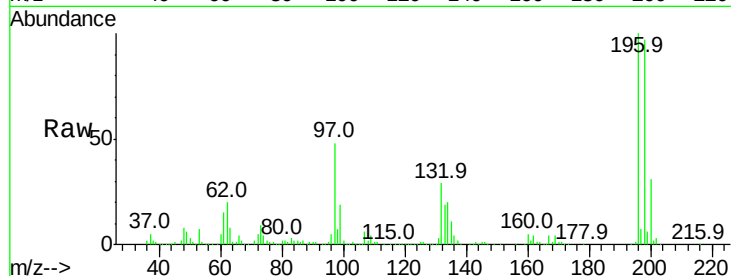
Ion Ratio Lower Upper

196 100

198 97.4 74.6 112.0

97 48.0 42.9 64.3

132 29.3 26.3 39.5

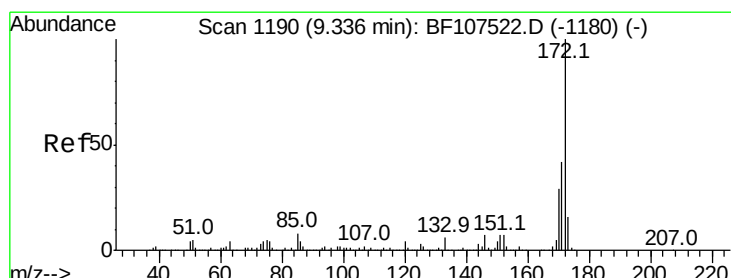
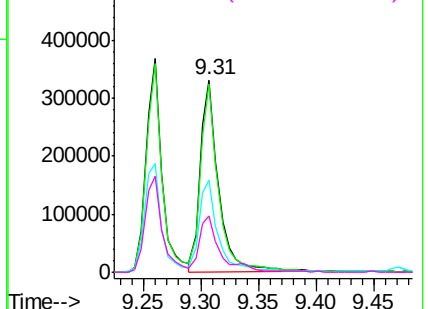
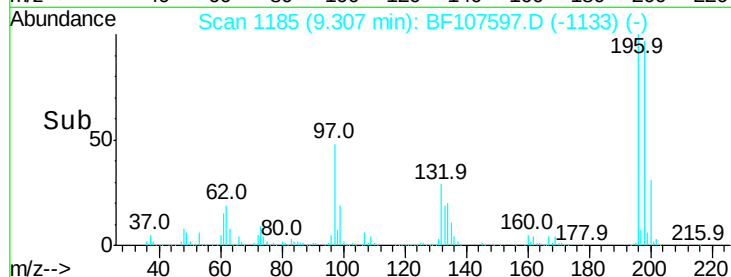


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 101.830 ng

RT: 9.34 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

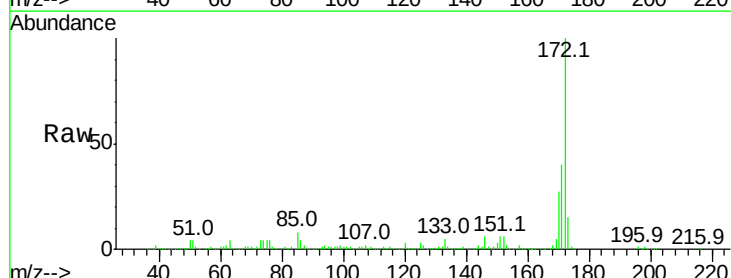
Tgt Ion:172 Resp: 2090163

Ion Ratio Lower Upper

172 100

171 39.8 29.7 44.5

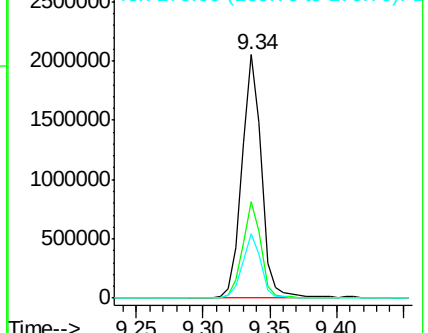
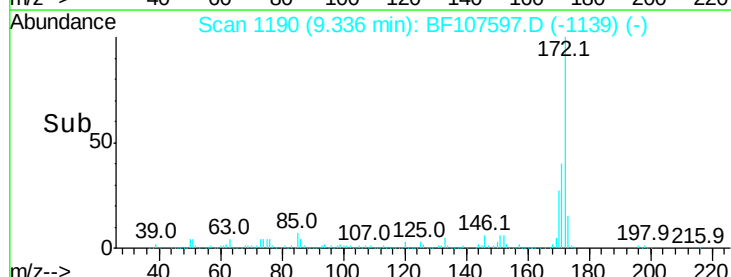
170 26.7 19.6 29.4

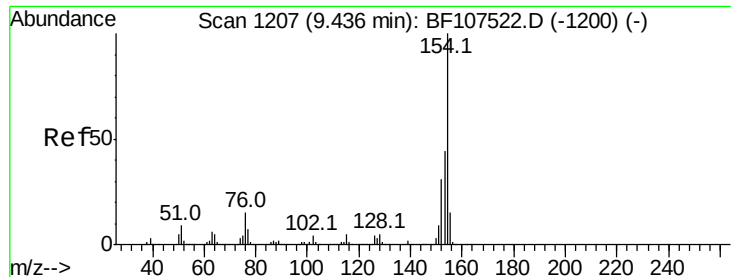


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

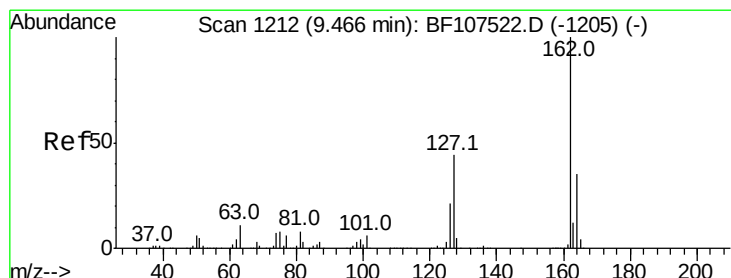
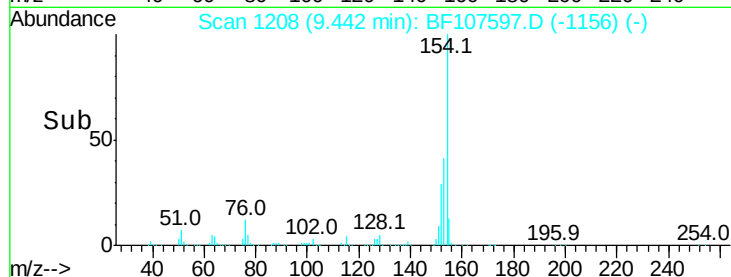
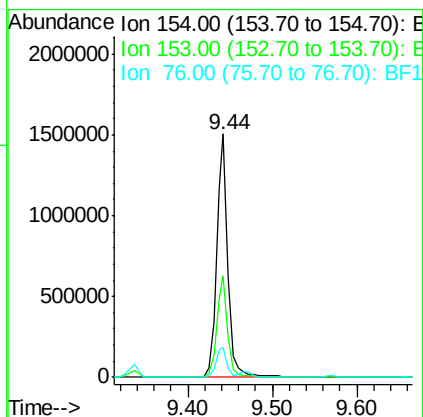
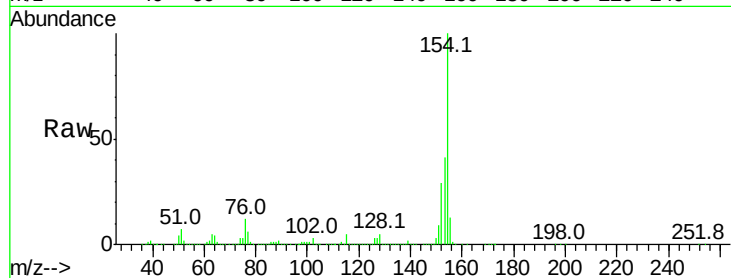




#45  
 1,1'-Biphenyl  
 Concen: 44.231 ng  
 RT: 9.44 min Scan# 1208  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

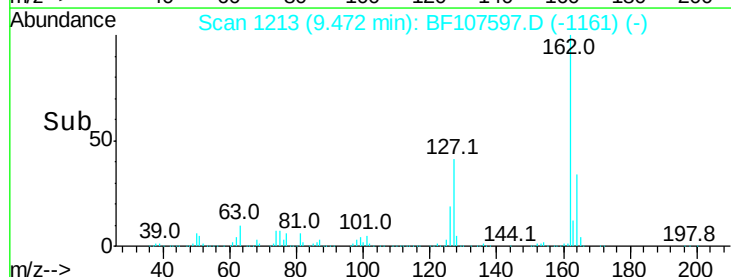
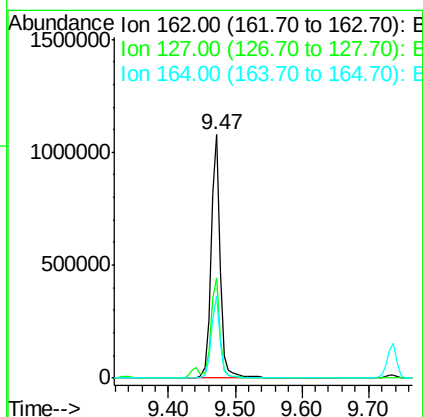
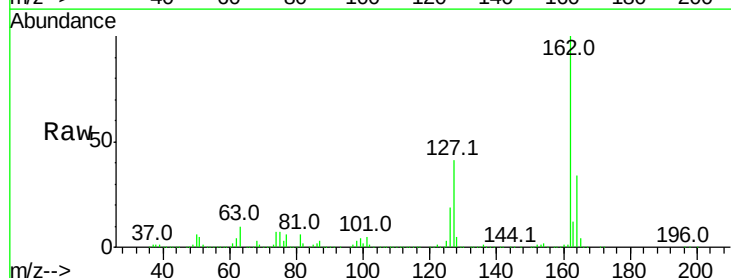
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

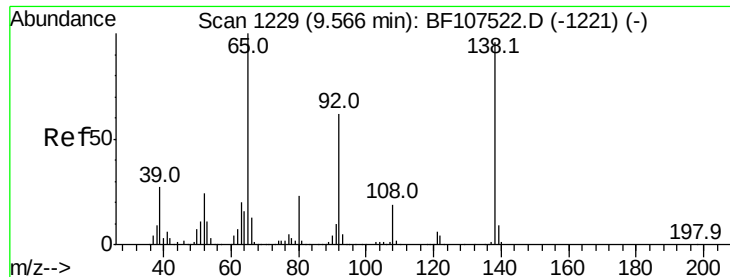
Tot Ion:154 Resp: 1428846  
 Ion Ratio Lower Upper  
 154 100  
 153 41.4 21.3 61.3  
 76 12.3 0.0 34.0



#46  
 2-Chloronaphthalene  
 Concen: 41.884 ng  
 RT: 9.47 min Scan# 1213  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

Tgt Ion:162 Resp: 1034207  
 Ion Ratio Lower Upper  
 162 100  
 127 41.3 33.9 50.9  
 164 33.7 26.5 39.7





#47

2-Nitroaniline

Concen: 56.243 ng

RT: 9.57 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

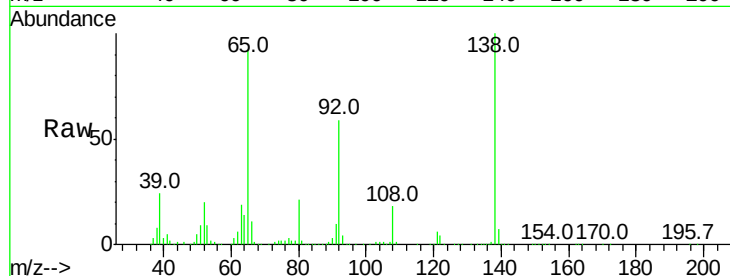
Tot Ion: 65 Resp: 404866

Ion Ratio Lower Upper

65 100

92 64.9 55.8 83.6

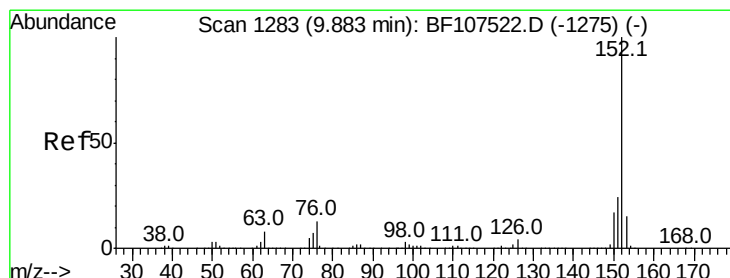
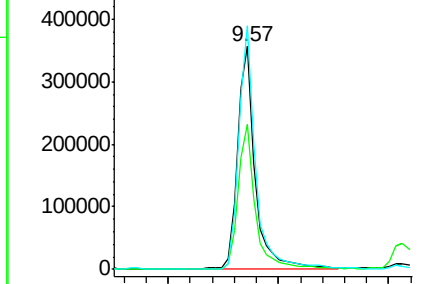
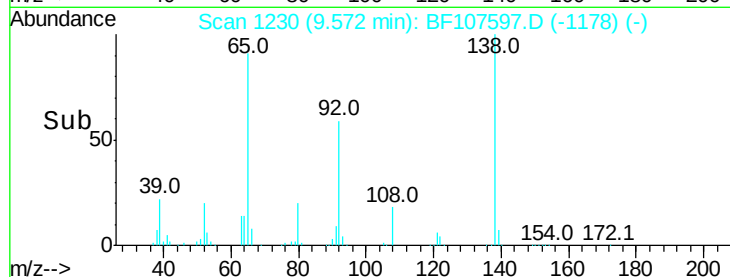
138 109.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 44.132 ng

RT: 9.89 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

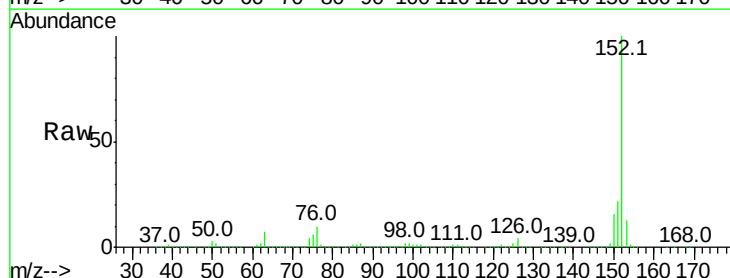
Tgt Ion: 152 Resp: 1636945

Ion Ratio Lower Upper

152 100

151 21.7 16.3 24.5

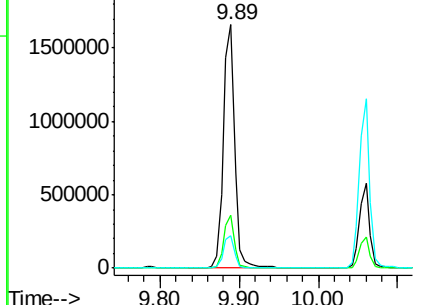
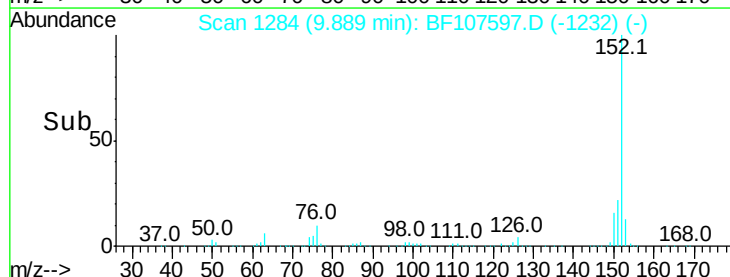
153 13.4 10.7 16.1

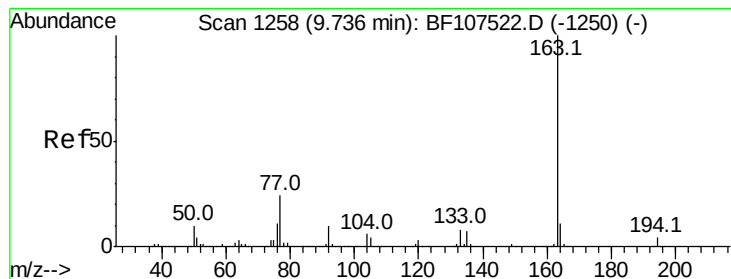


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 51.715 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

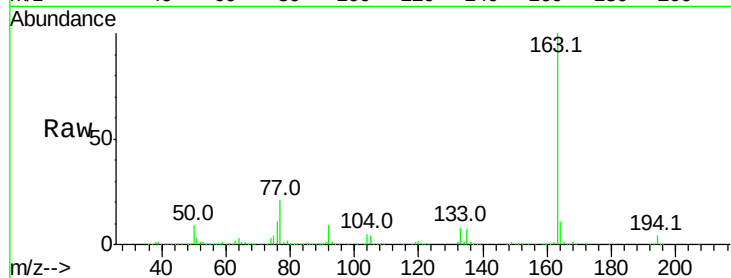
Tot Ion:163 Resp: 1445354

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

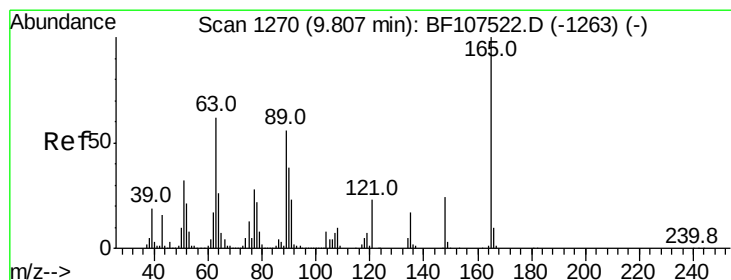
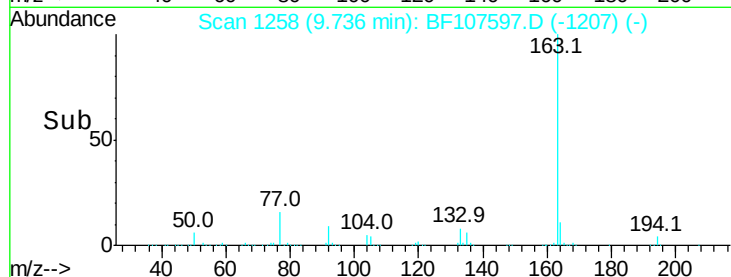
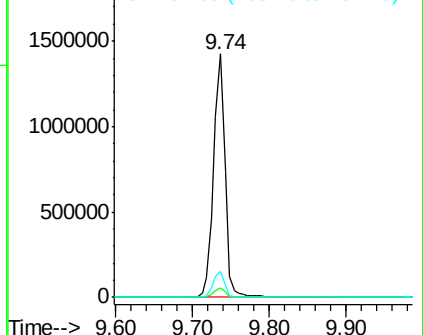
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.930 ng

RT: 9.81 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

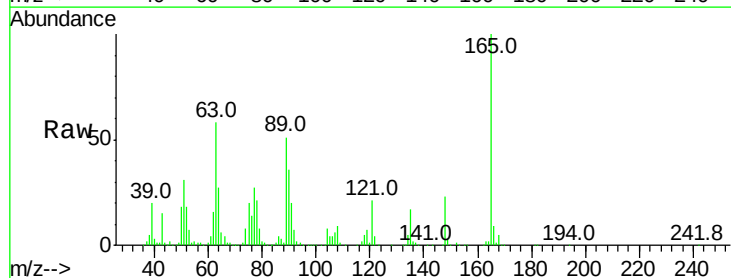
Tgt Ion:165 Resp: 238213

Ion Ratio Lower Upper

165 100

63 57.8 44.7 67.1

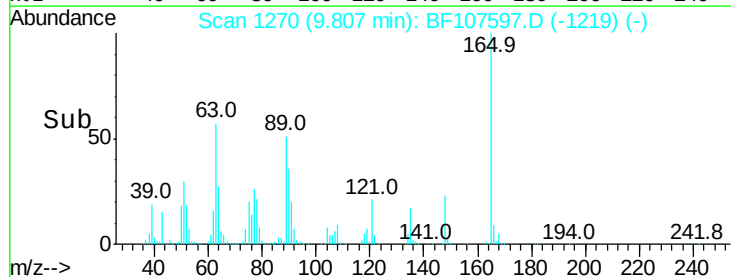
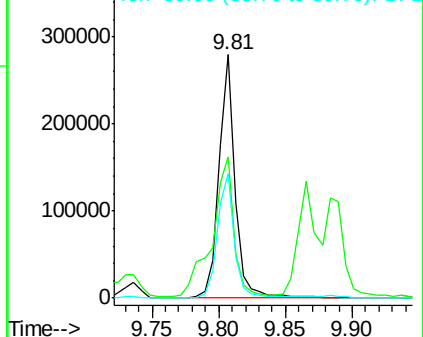
89 51.1 44.0 66.0

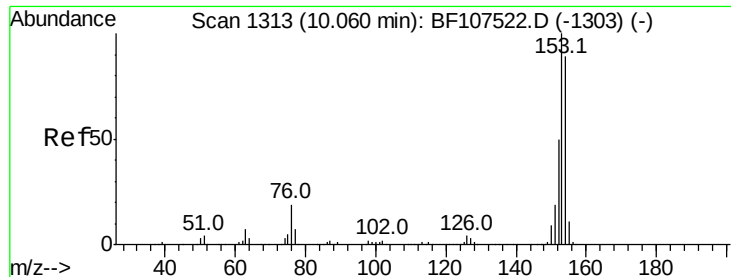


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.853 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

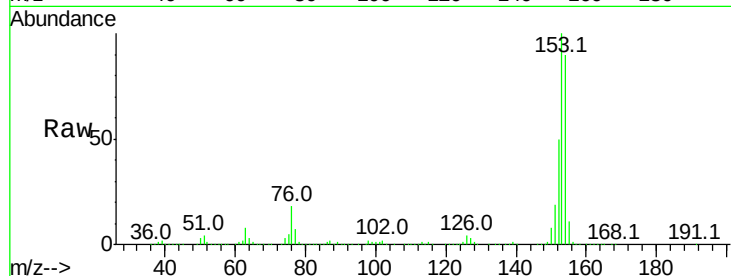
BNA\_F

ClientSampleId :

TP-10MSD

Tot Ion:154 Resp: 949449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 111.5 | 91.2  | 136.8 |
| 152 | 55.6  | 43.8  | 65.8  |

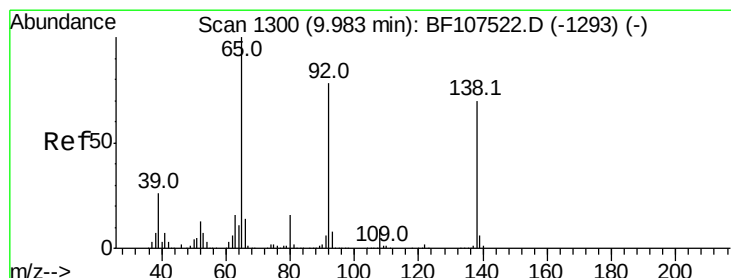
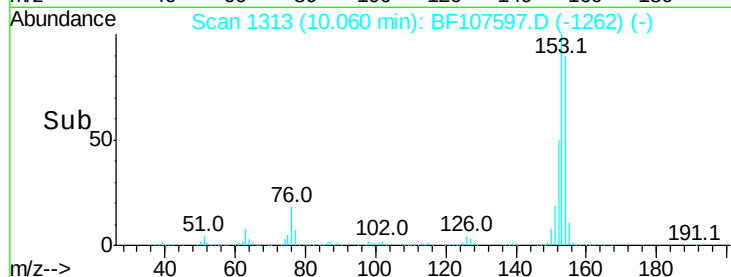


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.412 ng

RT: 9.98 min Scan# 1300

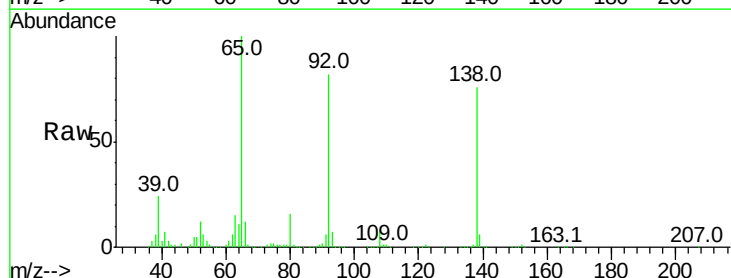
Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Tgt Ion:138 Resp: 306552

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.8  | 9.4   | 14.0  |
| 92  | 107.8 | 89.4  | 134.2 |

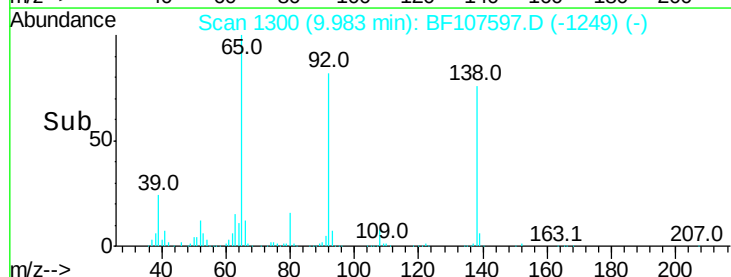


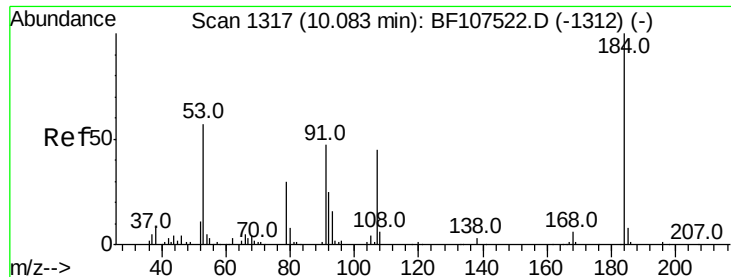
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

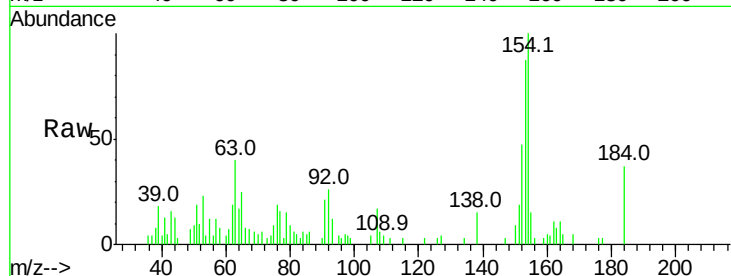




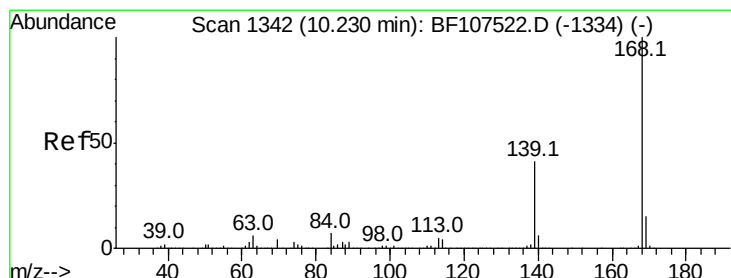
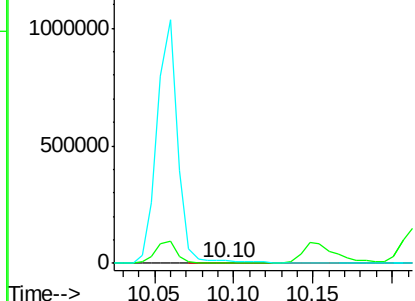
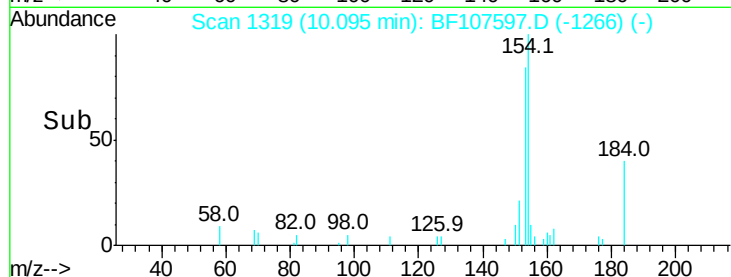
#53  
2,4-Dinitrophenol  
Concen: 12.311 ng  
RT: 10.10 min Scan# 1319  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

Tot Ion:184 Resp: 7819  
Ion Ratio Lower Upper  
184 100  
63 108.7 54.2 81.2#  
154 269.8 184.0 276.0

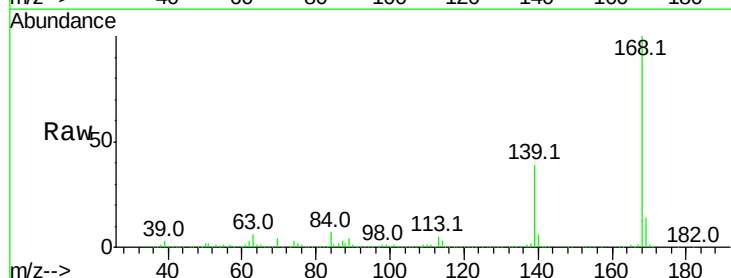


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

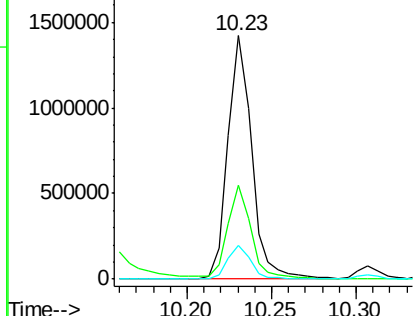
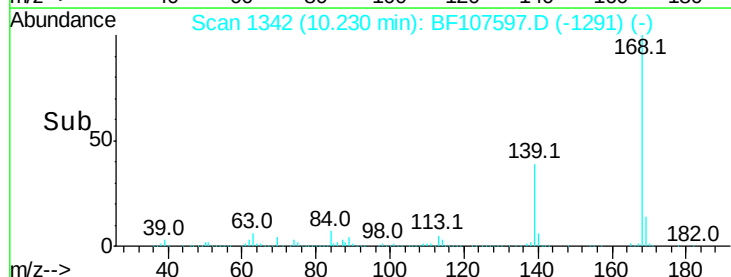


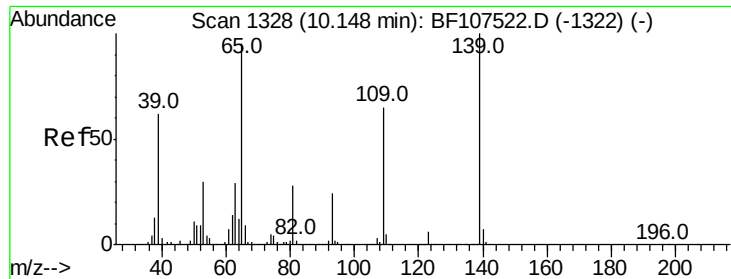
#54  
Dibenzofuran  
Concen: 41.046 ng  
RT: 10.23 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:168 Resp: 1404367  
Ion Ratio Lower Upper  
168 100  
139 38.8 30.1 45.1  
169 13.8 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

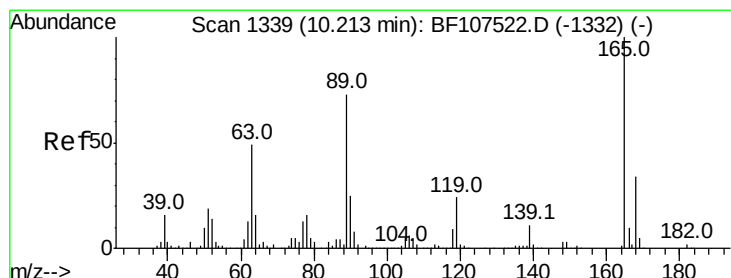
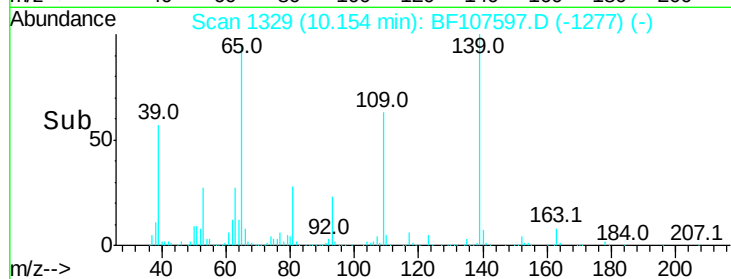
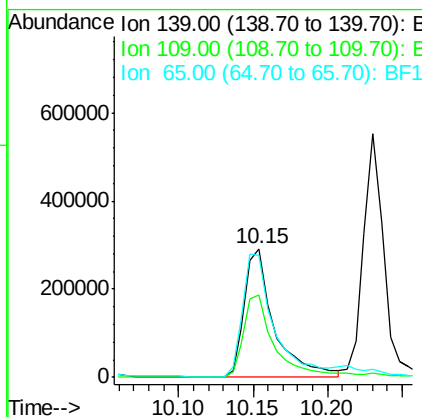
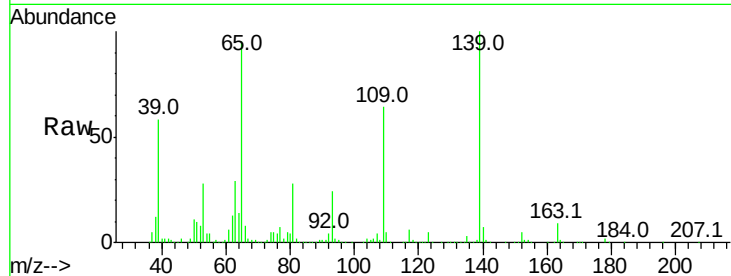




#55  
4-Nitrophenol  
Concen: 80.401 ng  
RT: 10.15 min Scan# 1329  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

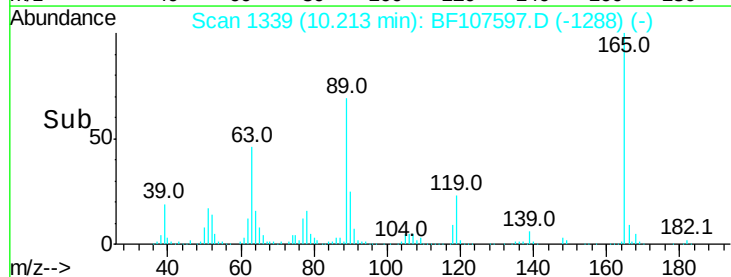
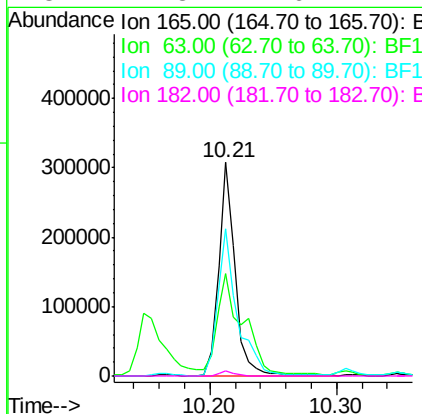
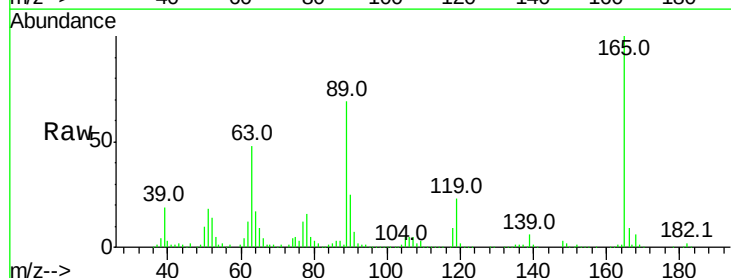
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

Tot Ion:139 Resp: 406356  
Ion Ratio Lower Upper  
139 100  
109 63.6 48.4 88.4  
65 95.3 72.6 112.6

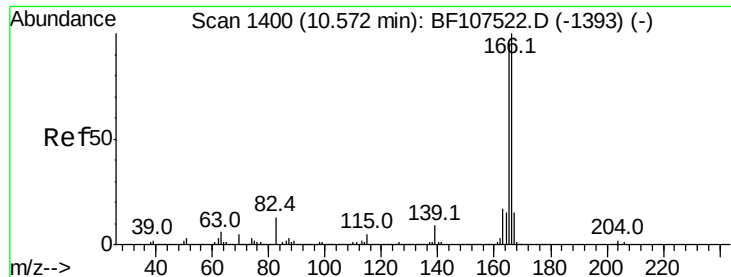


#56  
2,4-Dinitrotoluene  
Concen: 42.190 ng  
RT: 10.21 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:165 Resp: 282589  
Ion Ratio Lower Upper  
165 100  
63 47.8 36.4 54.6  
89 69.1 57.8 86.6  
182 2.3 1.6 2.4







#57

Fluorene

Concen: 44.142 ng

RT: 10.58 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

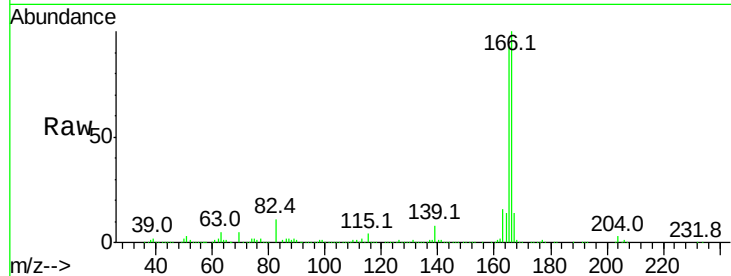
Tot Ion:166 Resp: 1077465

Ion Ratio Lower Upper

166 100

165 93.2 79.8 119.8

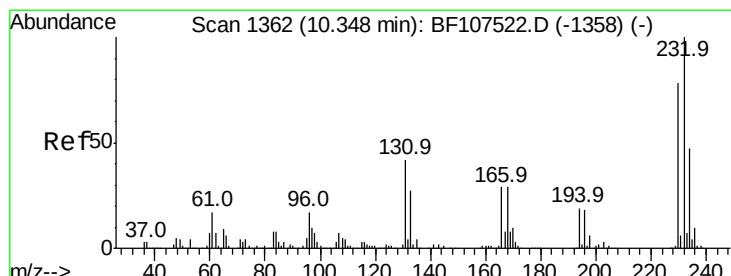
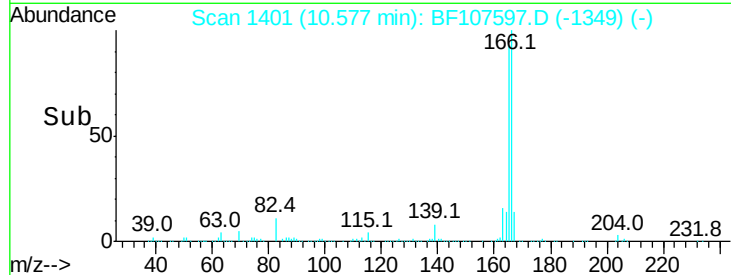
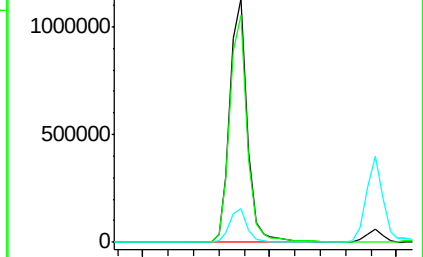
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.566 ng

RT: 10.35 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Tgt Ion:232 Resp: 313786

Ion Ratio Lower Upper

232 100

131 42.4 43.8 65.8#

130 2.4 2.1 3.1

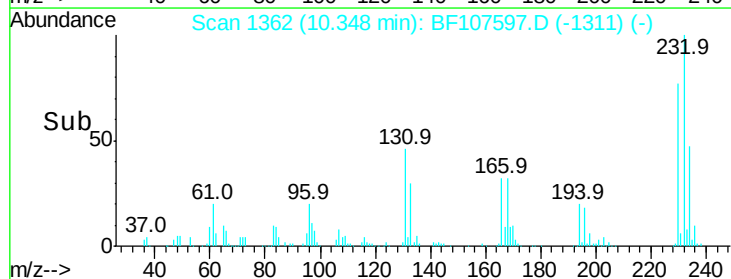
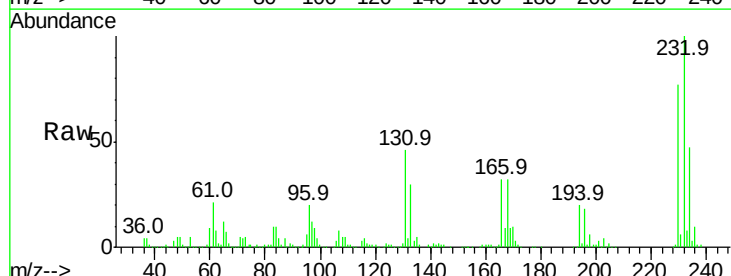
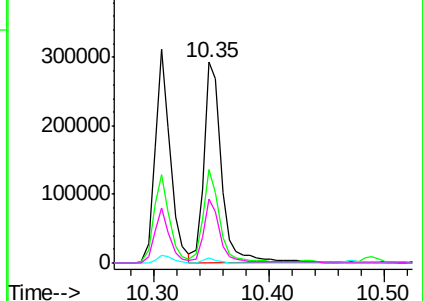
166 29.1 27.8 41.6

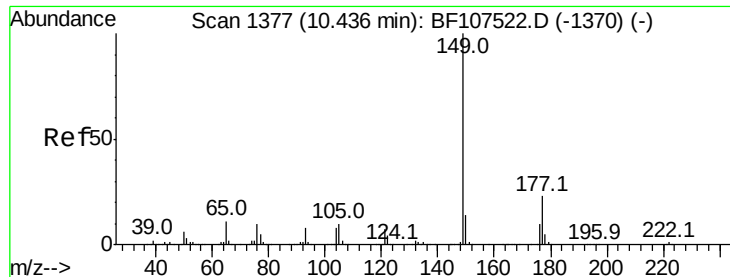
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

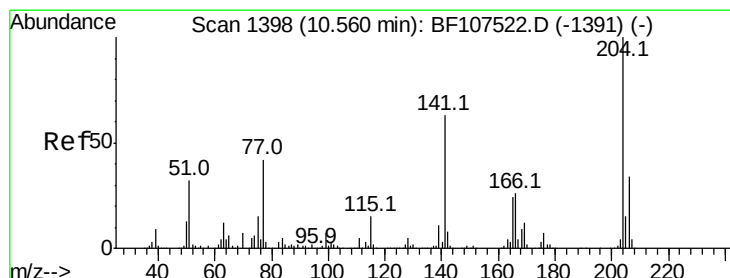
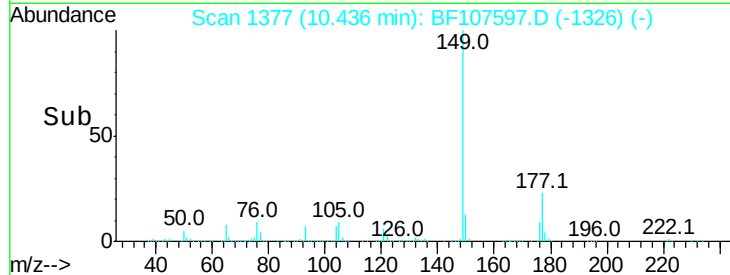
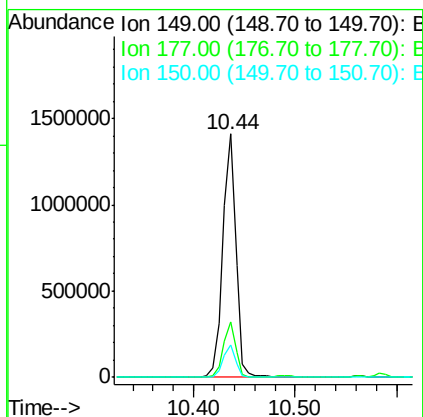
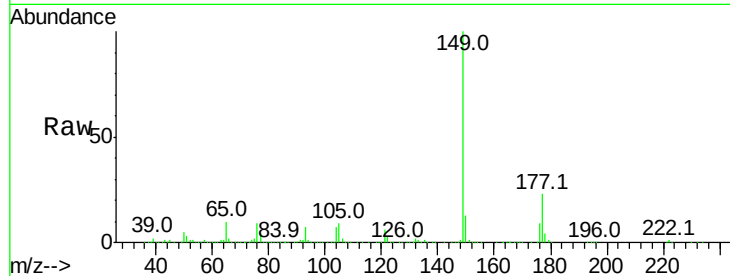




#59  
Diethylphthalate  
Concen: 43.321 ng  
RT: 10.44 min Scan# 1377  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

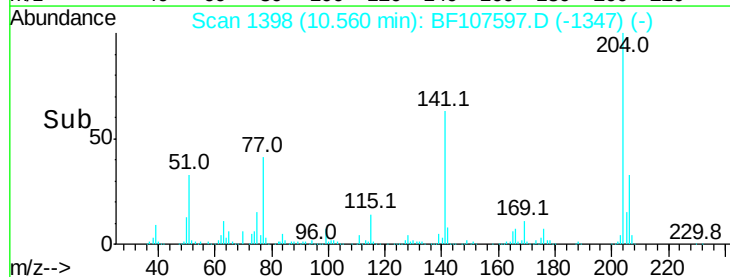
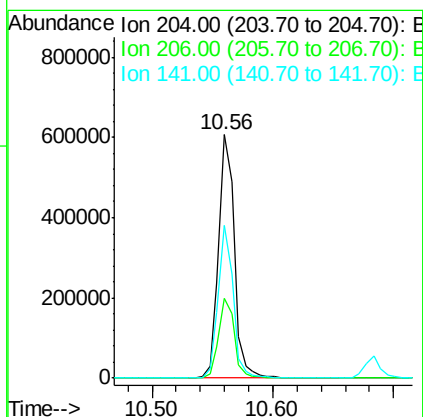
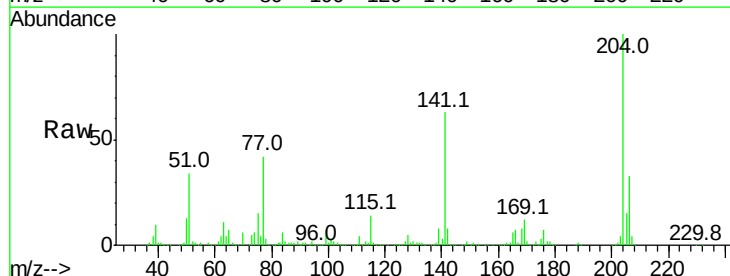
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

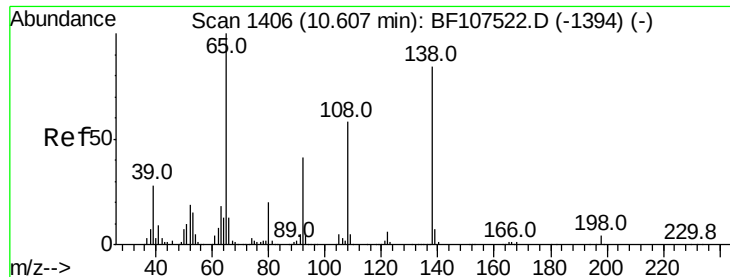
Tot Ion:149 Resp: 1264490  
Ion Ratio Lower Upper  
149 100  
177 22.8 16.1 24.1  
150 13.1 10.1 15.1



#60  
4-Chlorophenyl-phenylether  
Concen: 39.624 ng  
RT: 10.56 min Scan# 1398  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:204 Resp: 546777  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.5 39.7  
141 62.8 54.6 81.8

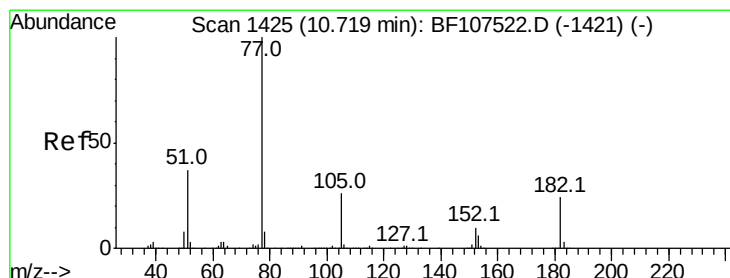
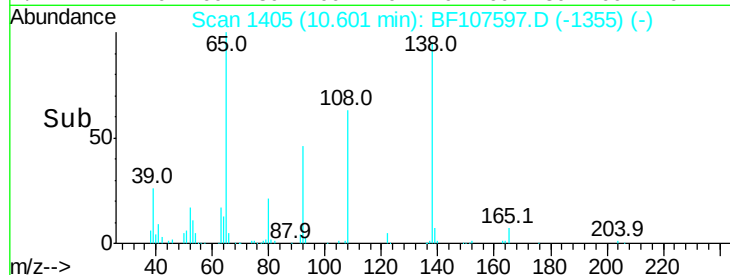
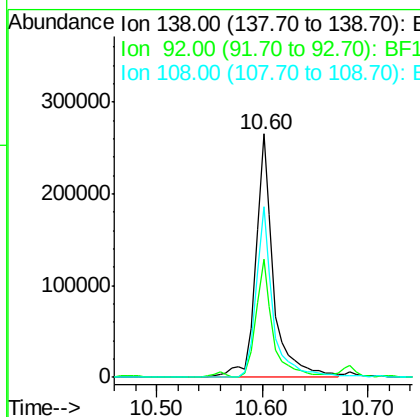
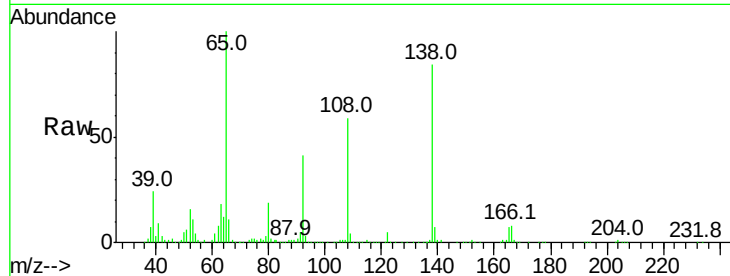




#61  
4-Nitroaniline  
Concen: 55.773 ng  
RT: 10.60 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

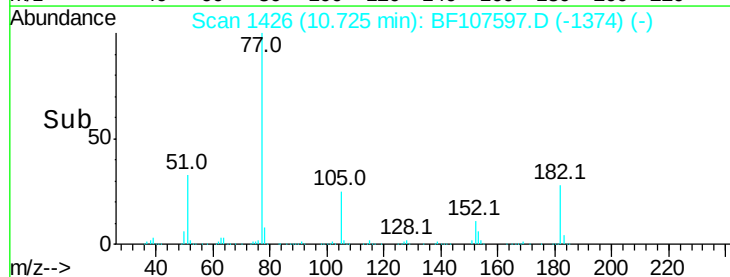
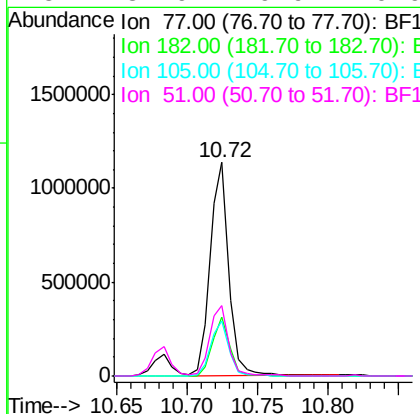
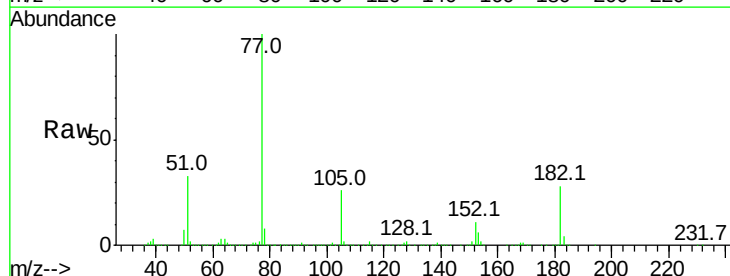
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

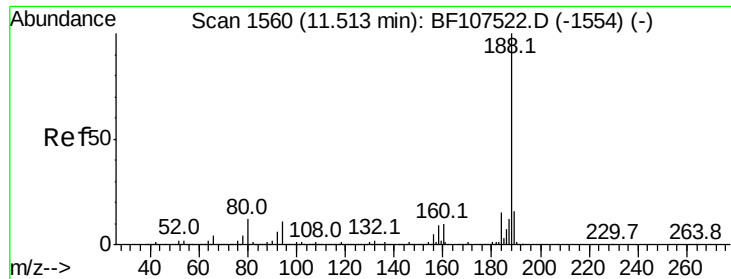
Tot Ion:138 Resp: 316319  
Ion Ratio Lower Upper  
138 100  
92 48.3 30.2 70.2  
108 70.1 52.5 92.5



#62  
Azobenzene  
Concen: 37.898 ng  
RT: 10.72 min Scan# 1426  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion: 77 Resp: 1037272  
Ion Ratio Lower Upper  
77 100  
182 27.8 1.7 41.7  
105 25.8 3.0 43.0  
51 32.9 9.9 49.9

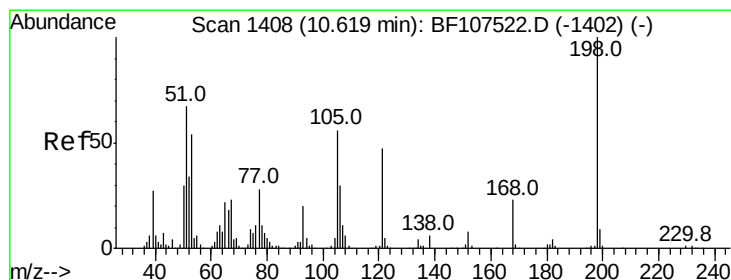
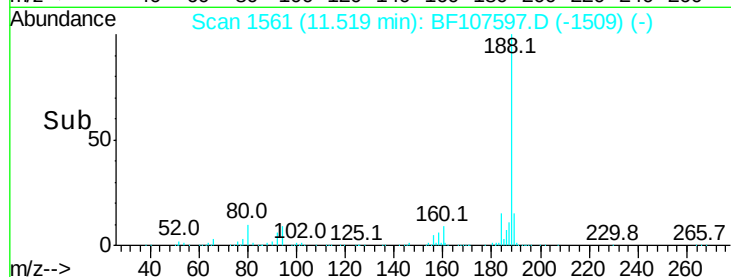
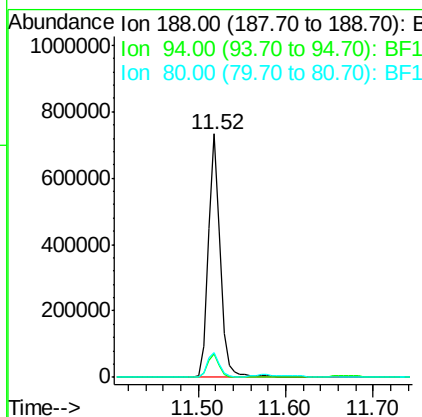
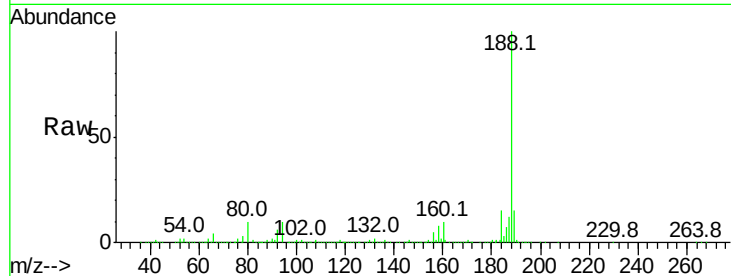




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.52 min Scan# 1561  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

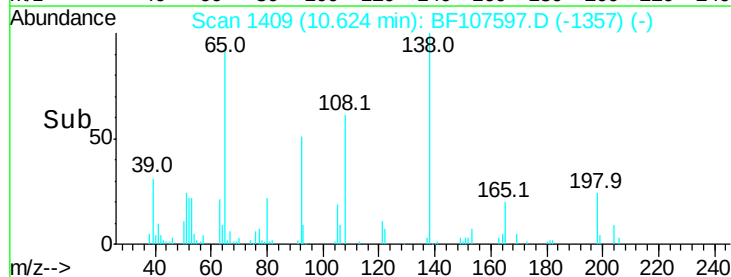
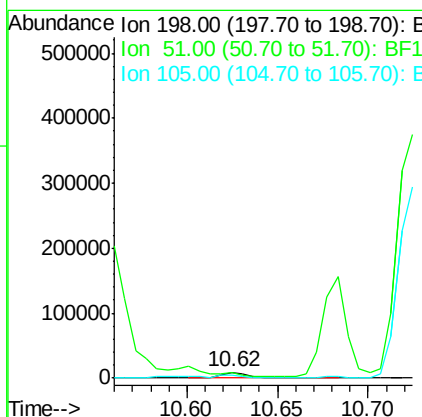
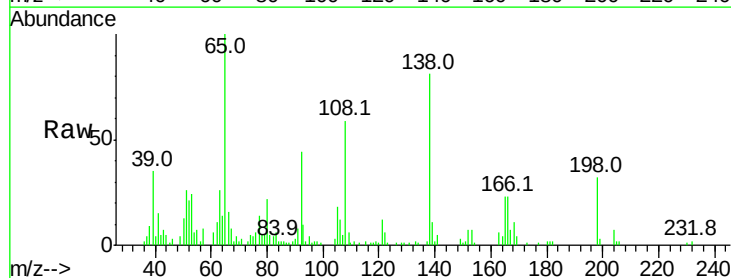
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

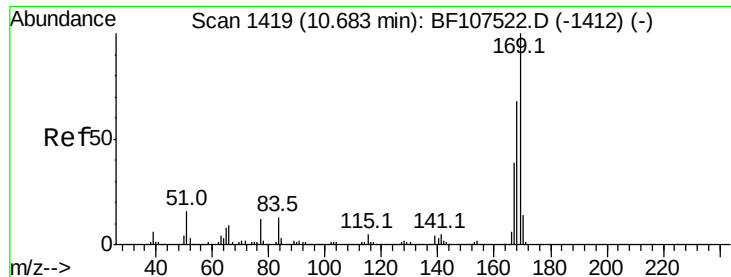
Tot Ion:188 Resp: 694674  
Ion Ratio Lower Upper  
188 100  
94 9.9 8.5 12.7  
80 10.4 9.2 13.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 11.143 ng  
RT: 10.62 min Scan# 1409  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:198 Resp: 10079  
Ion Ratio Lower Upper  
198 100  
51 81.4 37.7 77.7#  
105 56.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.695 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampled :

TP-10MSD

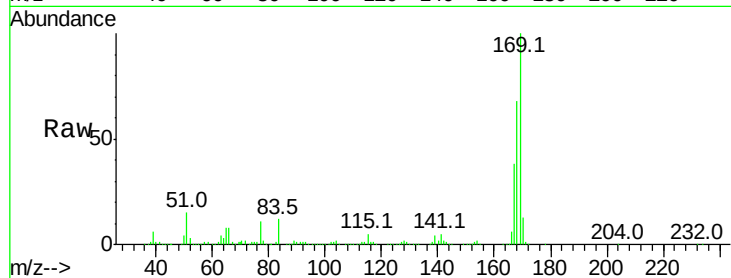
Tot Ion:169 Resp: 983703

Ion Ratio Lower Upper

169 100

168 68.4 54.4 81.6

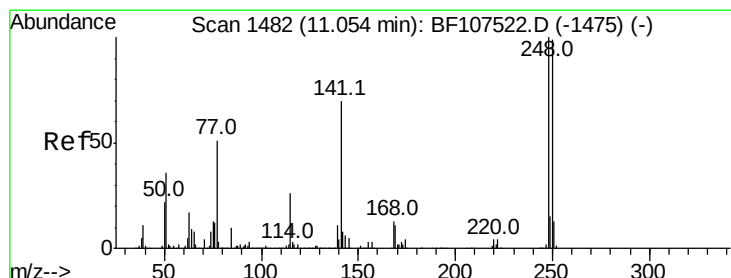
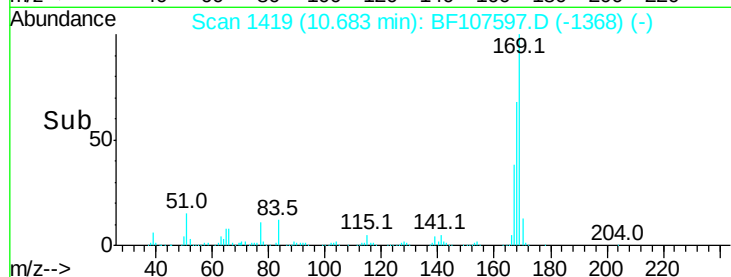
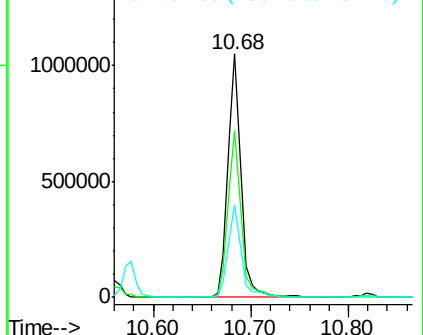
167 38.2 29.8 44.6



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: 39.326 ng

RT: 11.05 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

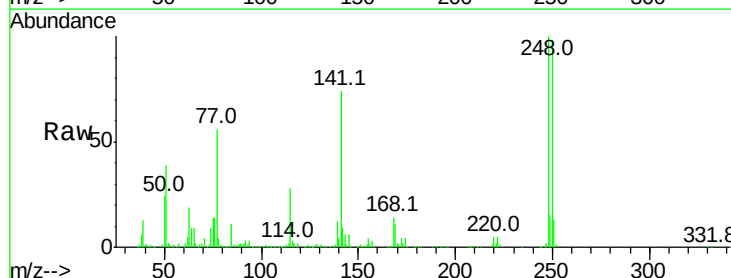
Tgt Ion:248 Resp: 321586

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

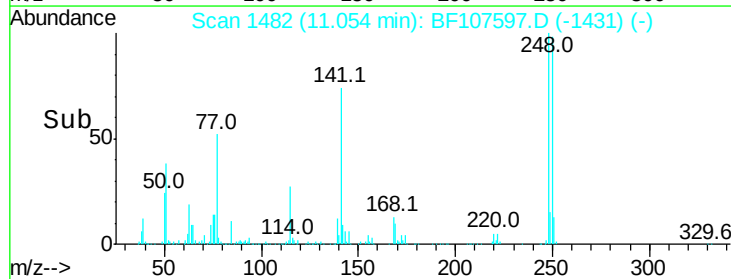
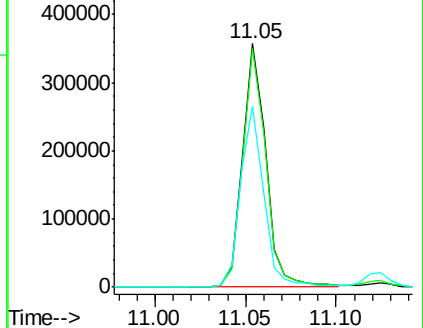
141 74.3 74.4 111.6#

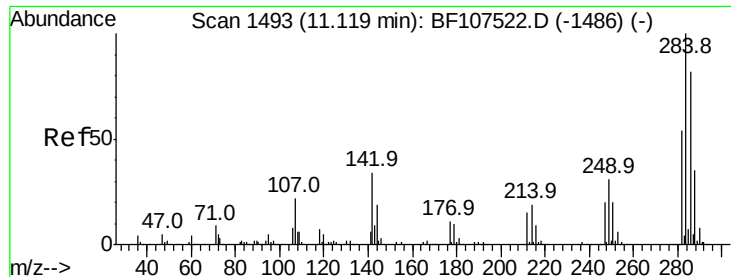


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

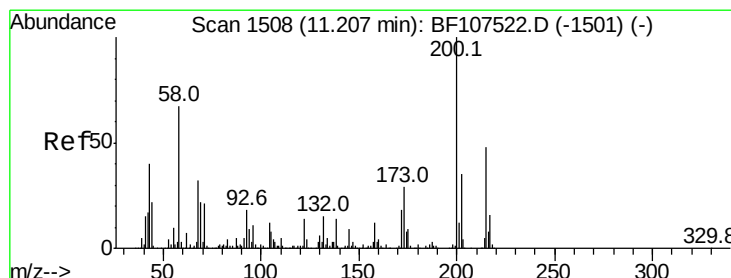
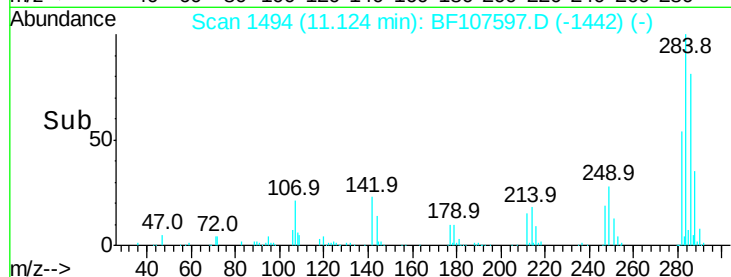
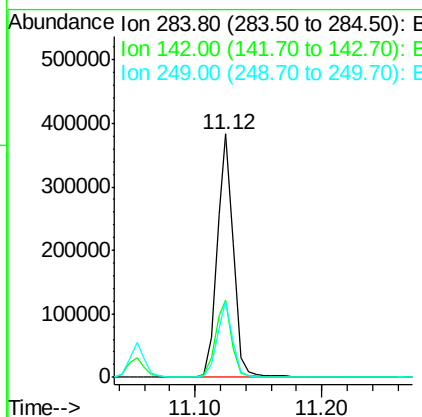
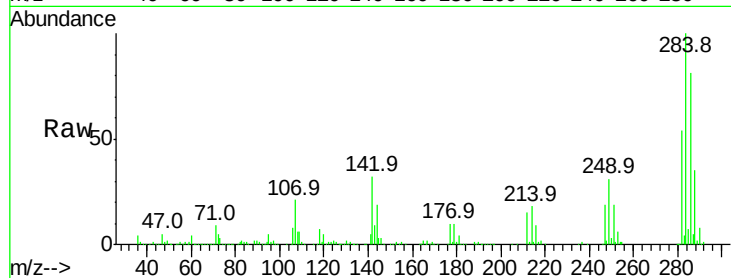




#67  
Hexachlorobenzene  
Concen: 38.511 ng  
RT: 11.12 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

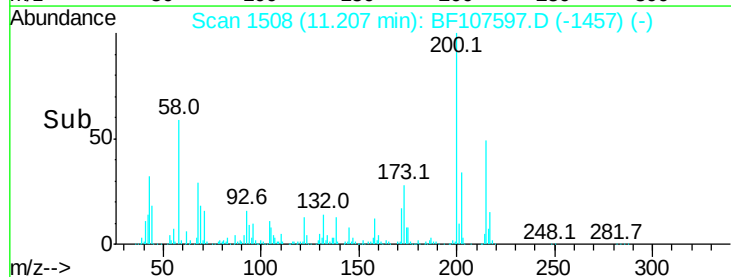
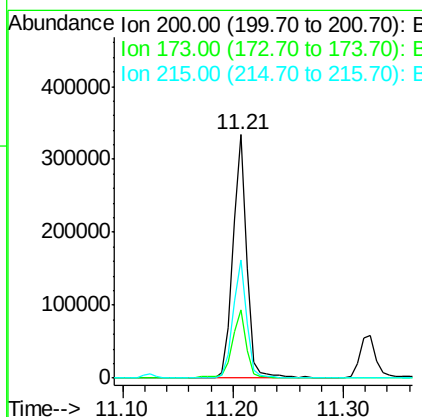
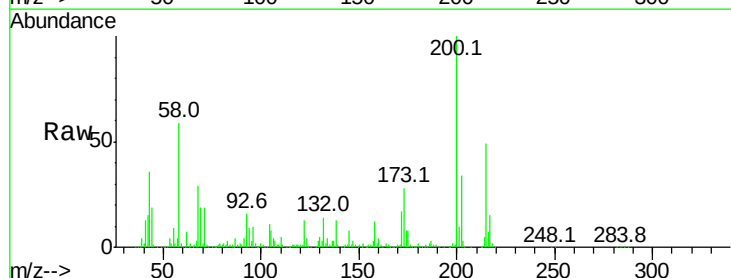
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

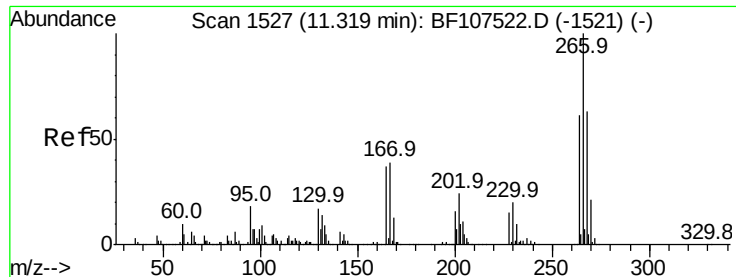
Tot Ion:284 Resp: 346514  
Ion Ratio Lower Upper  
284 100  
142 31.9 34.6 52.0#  
249 31.0 24.8 37.2



#68  
Atrazine  
Concen: 40.939 ng  
RT: 11.21 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:200 Resp: 294903  
Ion Ratio Lower Upper  
200 100  
173 27.9 8.6 48.6  
215 48.7 25.1 65.1

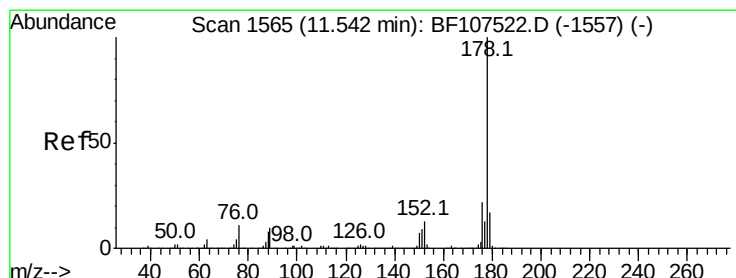
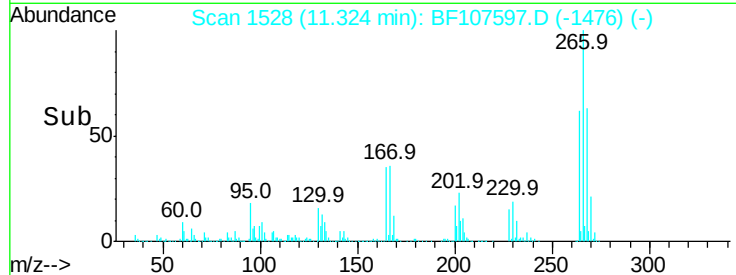
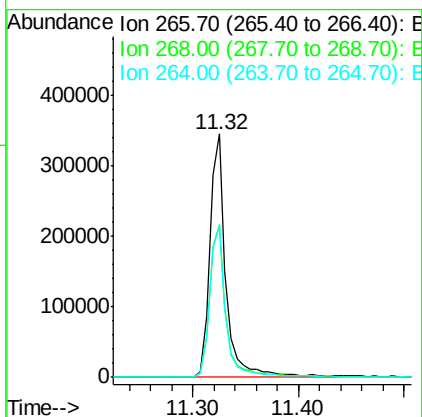
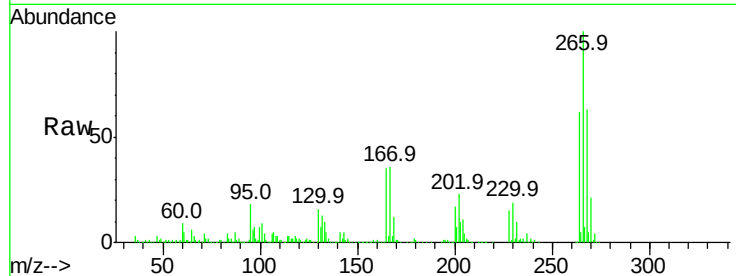




#69  
 Pentachlorophenol  
 Concen: 66.295 ng  
 RT: 11.32 min Scan# 1528  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

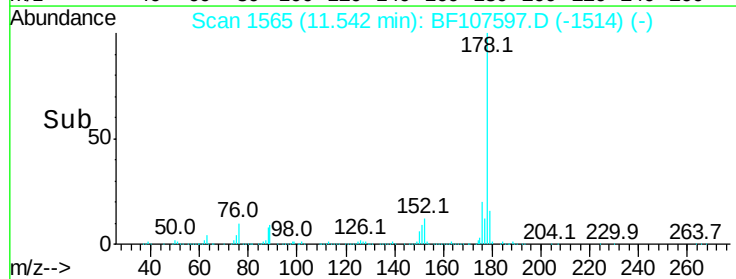
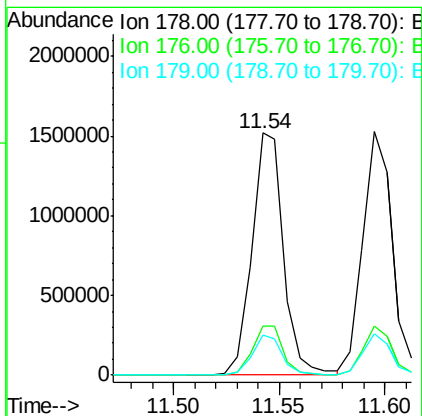
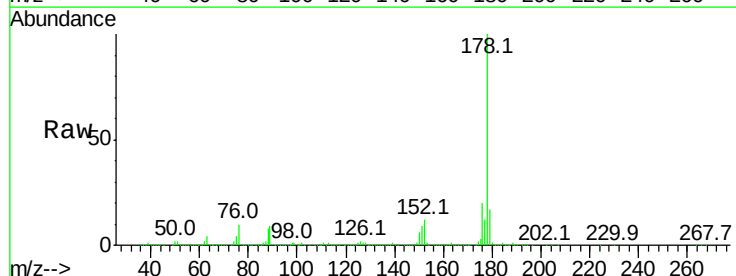
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

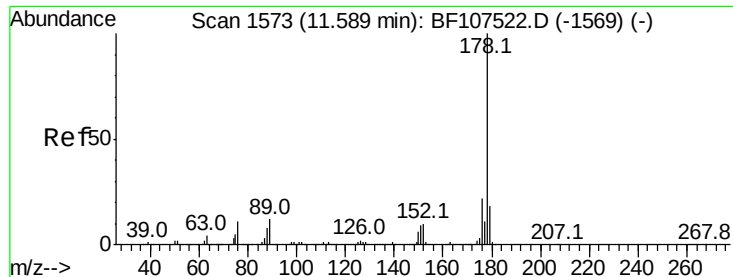
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.9  | 51.1  | 76.7  |
| 264     | 62.4  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 46.584 ng  
 RT: 11.54 min Scan# 1565  
 Delta R.T. 0.00 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.8  | 23.8  |
| 179     | 16.8  | 13.0  | 19.6  |

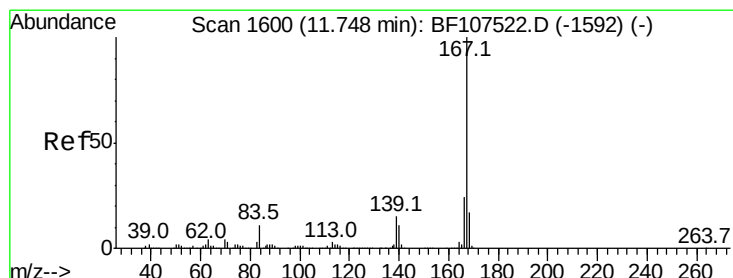
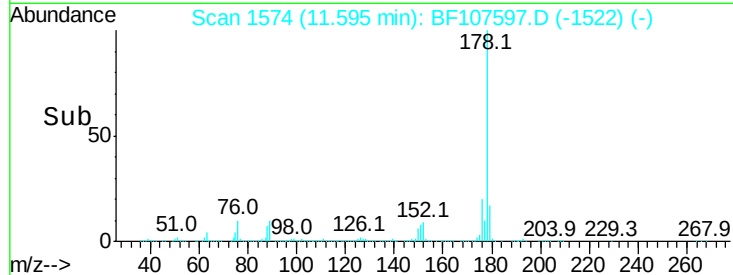
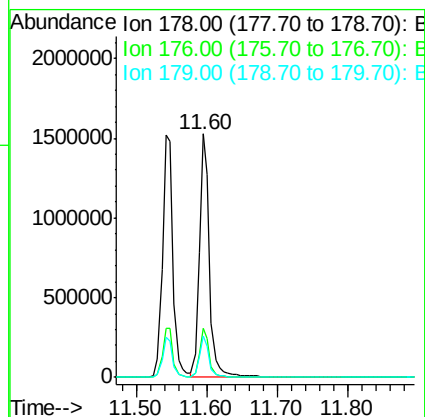
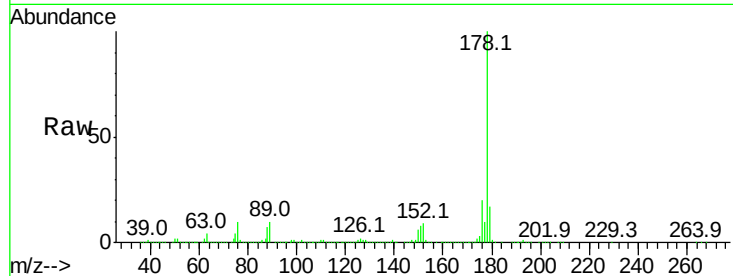




#71  
 Anthracene  
 Concen: 45.792 ng  
 RT: 11.60 min Scan# 1574  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

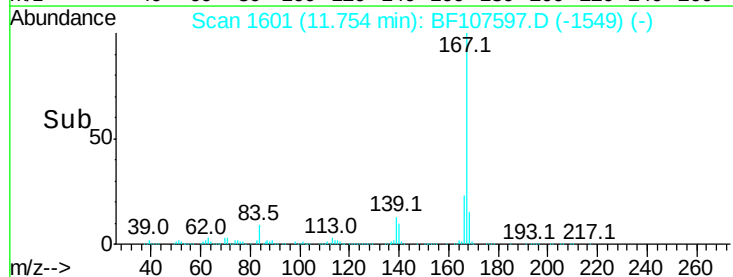
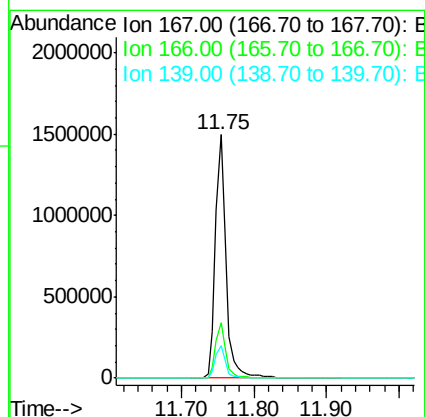
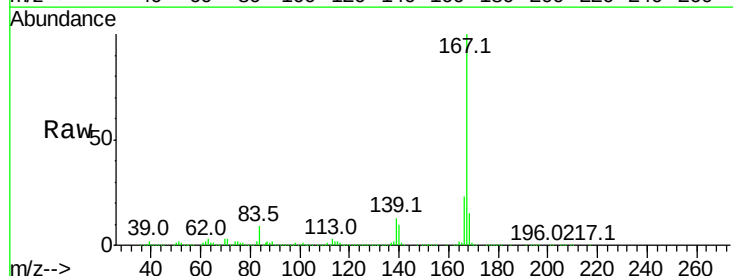
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

Tot Ion:178 Resp: 1560757  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 15.4 23.2  
 179 16.8 12.6 19.0

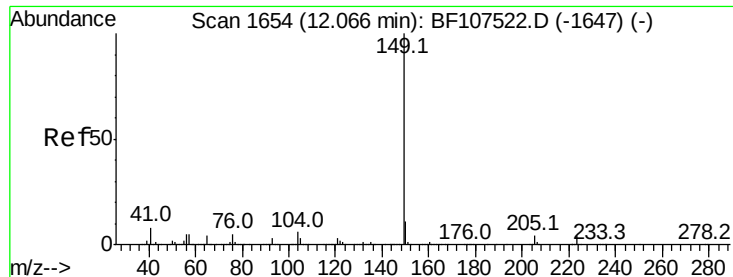


#72  
 Carbazole  
 Concen: 43.453 ng  
 RT: 11.75 min Scan# 1601  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

Tgt Ion:167 Resp: 1540111  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.6 26.4  
 139 13.4 10.9 16.3



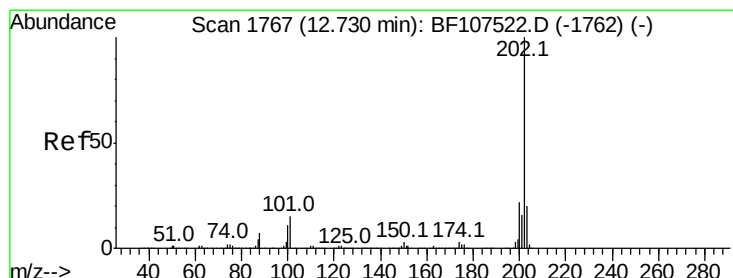
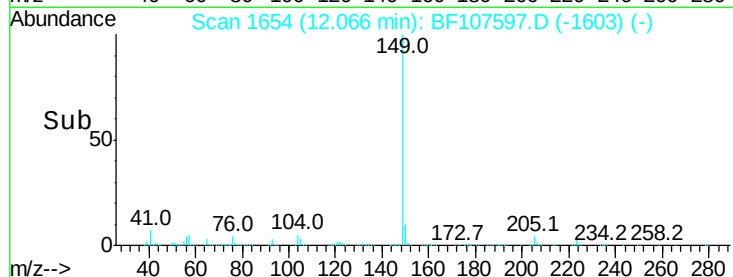
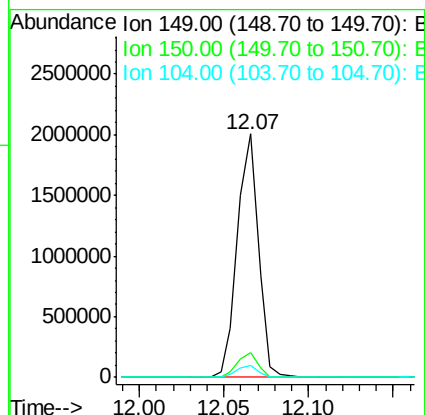
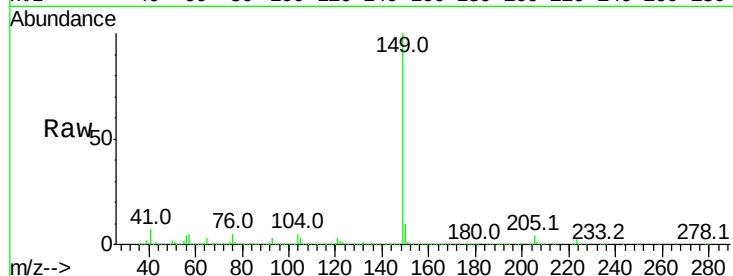




#73  
Di-n-butylphthalate  
Concen: 49.237 ng  
RT: 12.07 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

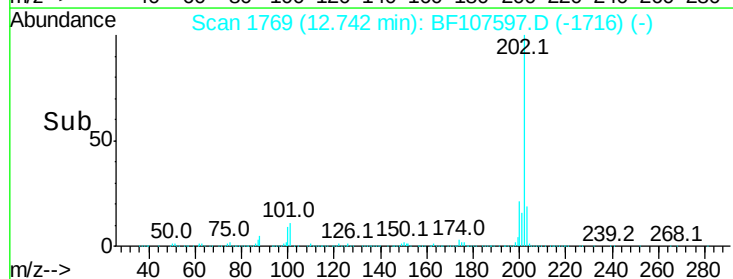
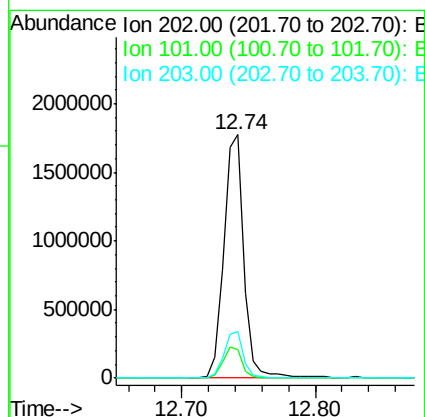
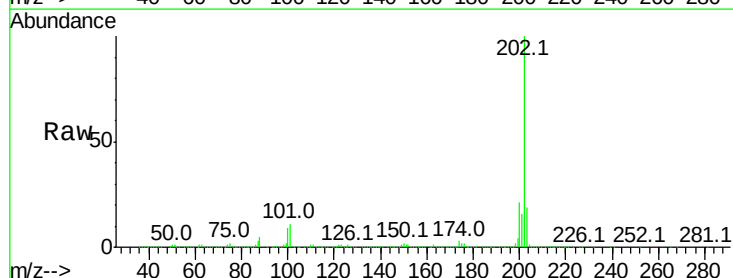
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

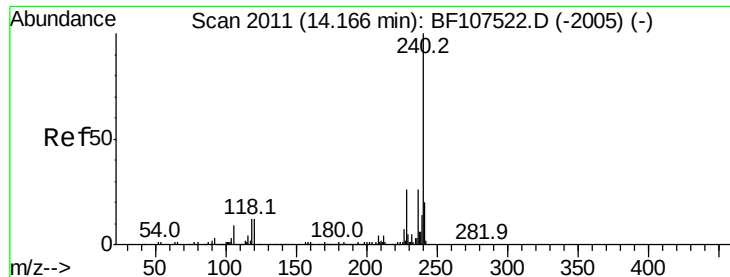
Tot Ion:149 Resp: 1746105  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.8 11.6  
104 5.0 3.8 5.8



#74  
Fluoranthene  
Concen: 51.758 ng  
RT: 12.74 min Scan# 1769  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:202 Resp: 1880120  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 34.1  
203 19.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

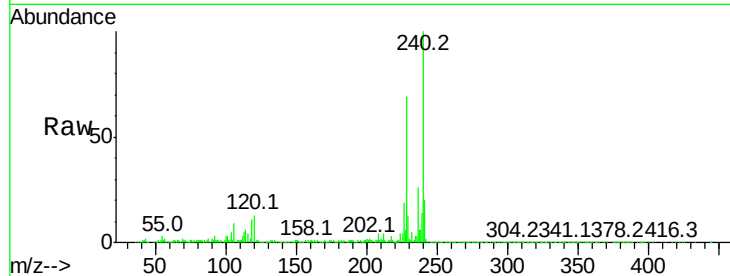
Tot Ion:240 Resp: 504604

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

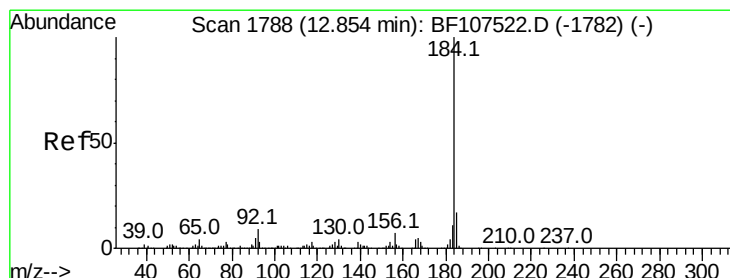
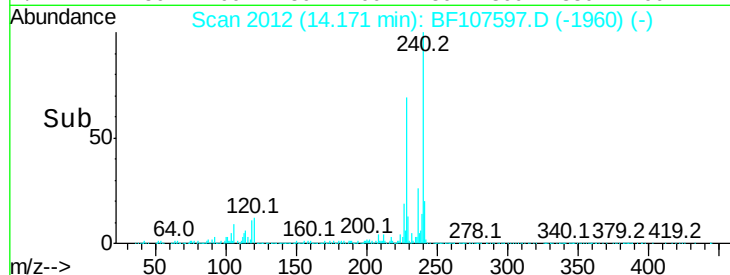
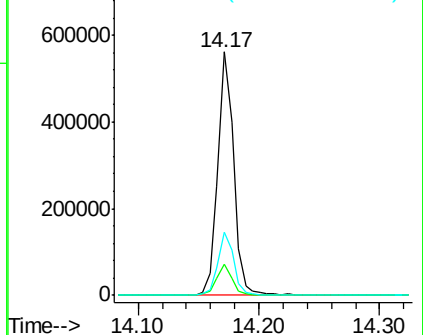
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 68.930 ng

RT: 12.86 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

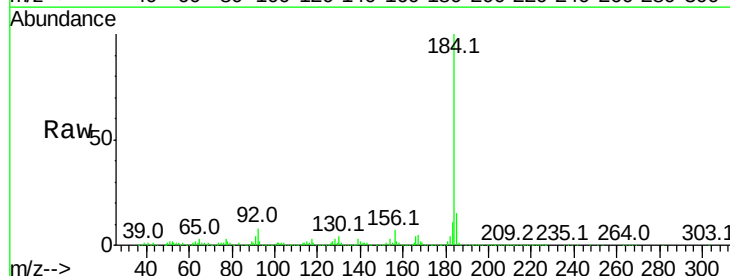
Tgt Ion:184 Resp: 1001669

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

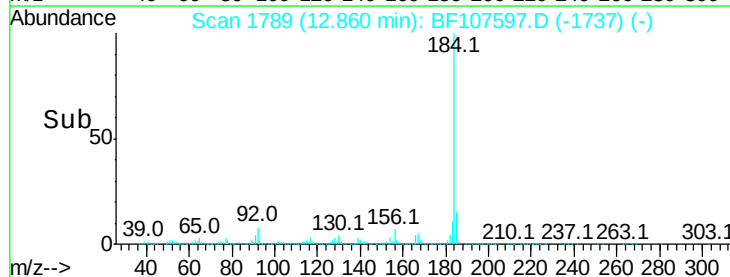
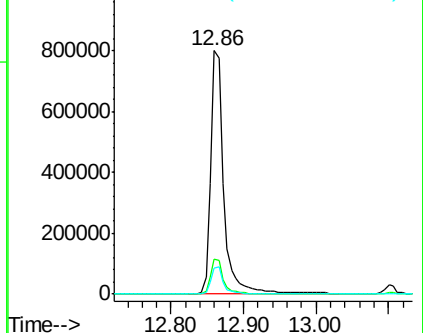
183 10.8 9.3 13.9

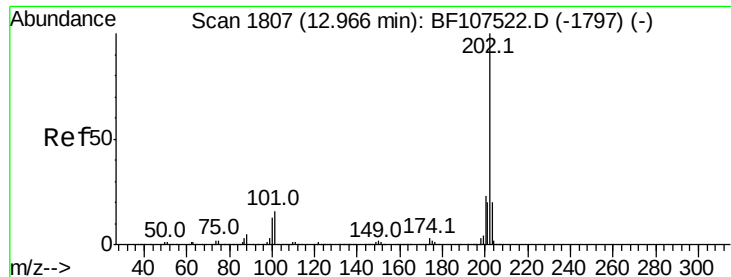


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

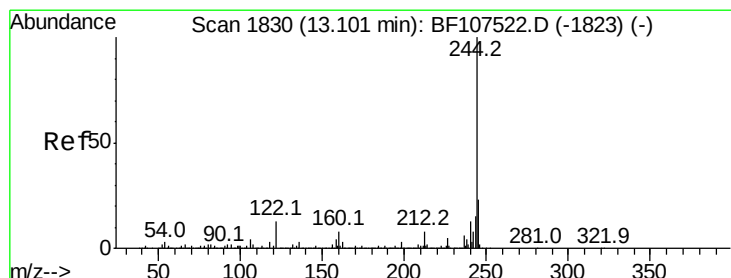
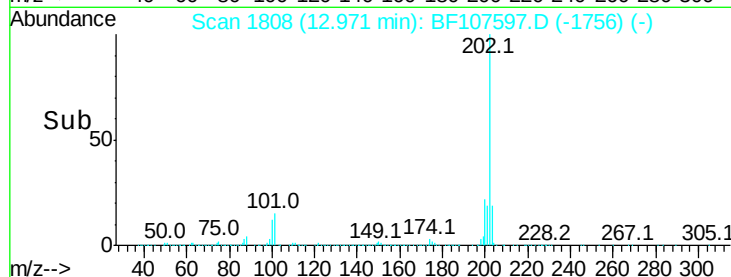
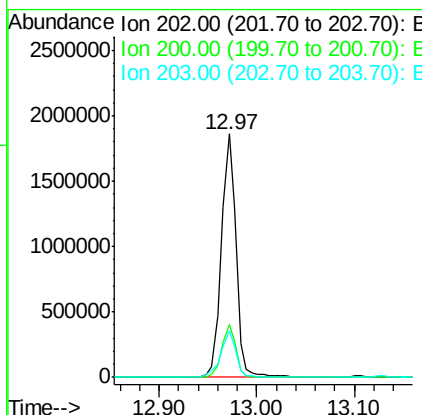
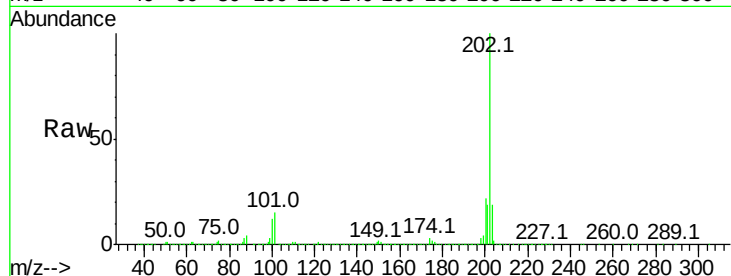




#77  
Pvrene  
Concen: 56.110 ng  
RT: 12.97 min Scan# 1808  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

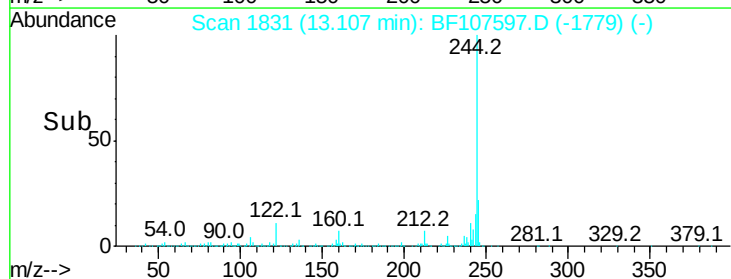
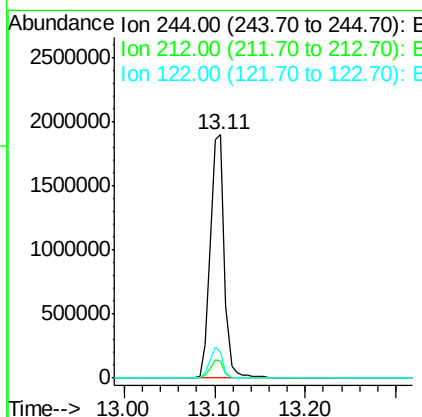
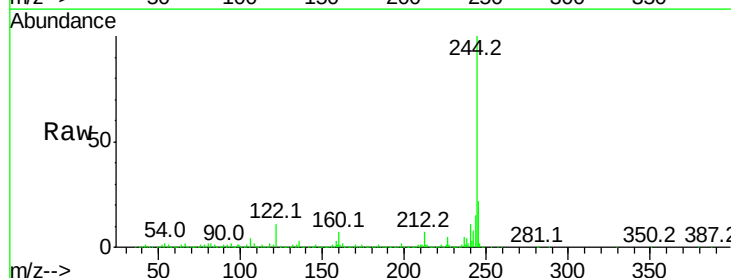
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

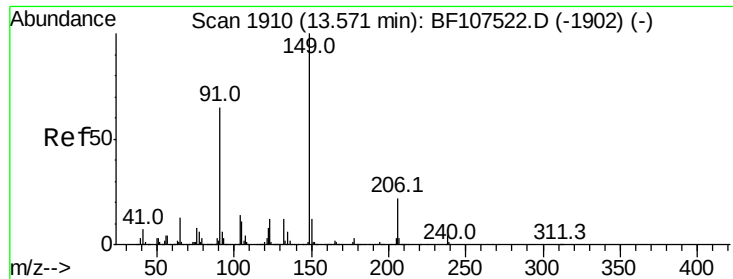
Tot Ion:202 Resp: 1936664  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.4 26.2  
203 19.3 14.3 21.5



#78  
Terphenyl-d14  
Concen: 105.638 ng  
RT: 13.11 min Scan# 1831  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:244 Resp: 2082175  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.4 8.0  
122 10.8 11.0 16.4#

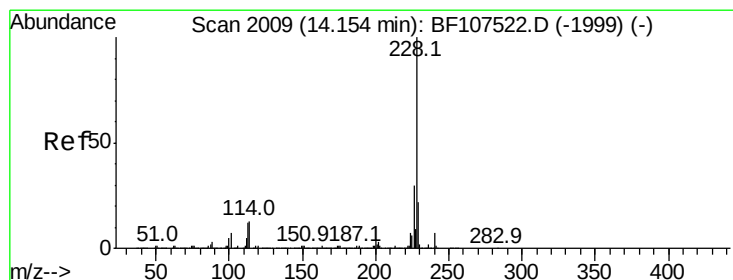
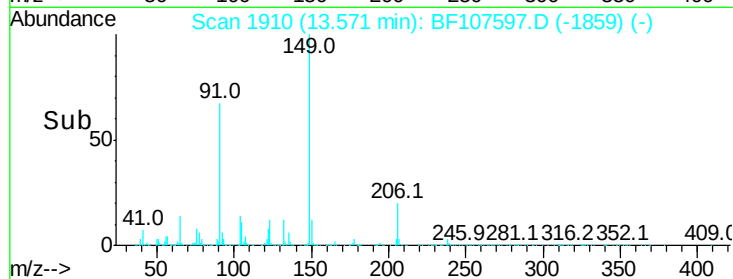
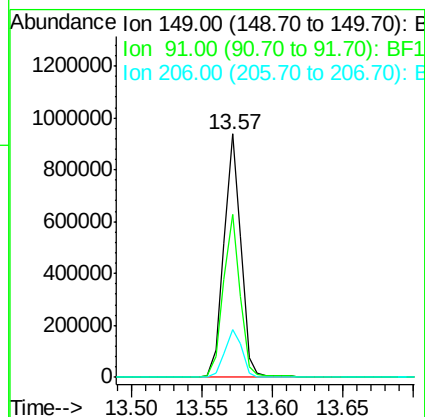
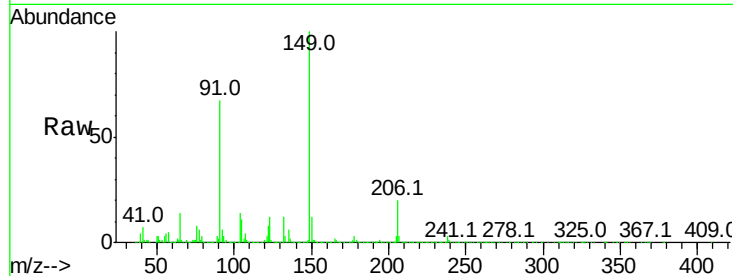




#79  
Butylbenzylphthalate  
Concen: 53.150 ng  
RT: 13.57 min Scan# 1910  
Delta R.T. -0.00 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

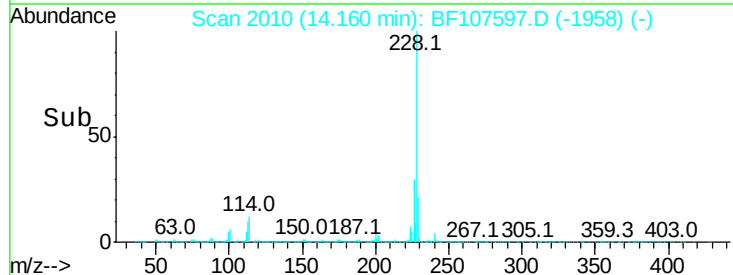
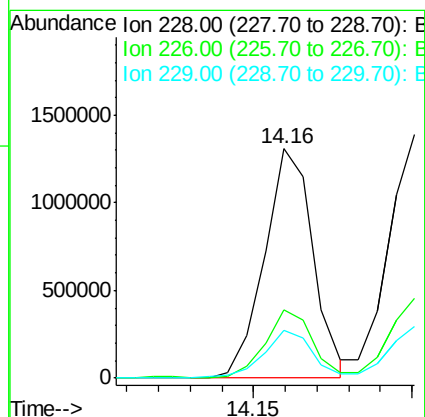
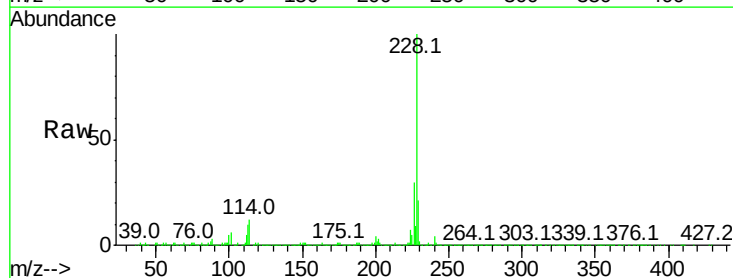
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

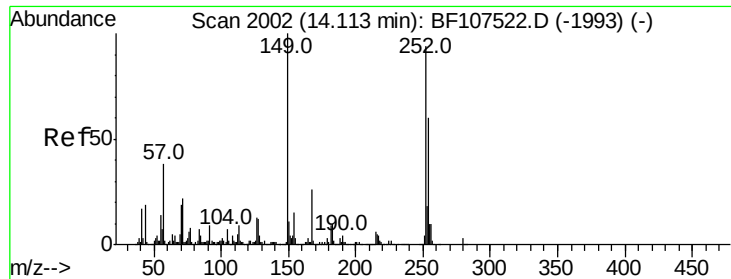
Tot Ion:149 Resp: 788929  
Ion Ratio Lower Upper  
149 100  
91 67.0 56.8 85.2  
206 19.7 14.1 21.1



#80  
Benzo(a)anthracene  
Concen: 46.939 ng  
RT: 14.16 min Scan# 2010  
Delta R.T. 0.01 min  
Lab File: BF107597.D  
Acq: 23 Jul 2018 19:19

Tgt Ion:228 Resp: 1388024  
Ion Ratio Lower Upper  
228 100  
226 29.6 22.6 33.8  
229 21.0 15.8 23.6

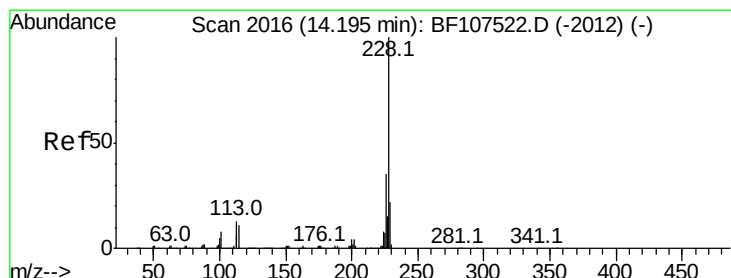
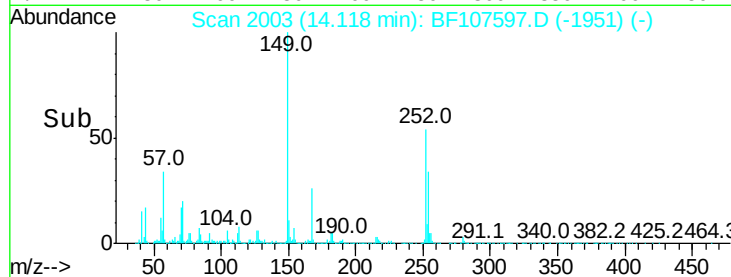
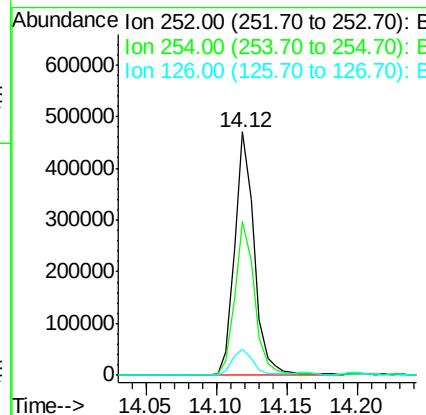
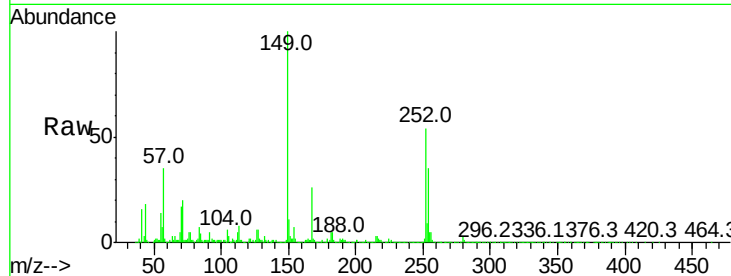




#81  
 3,3'-Dichlorobenzidine  
 Concen: 55.128 ng  
 RT: 14.12 min Scan# 2003  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

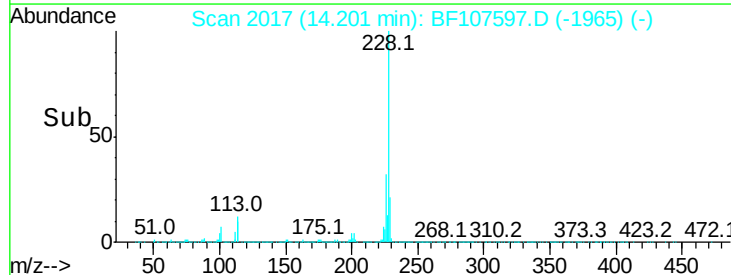
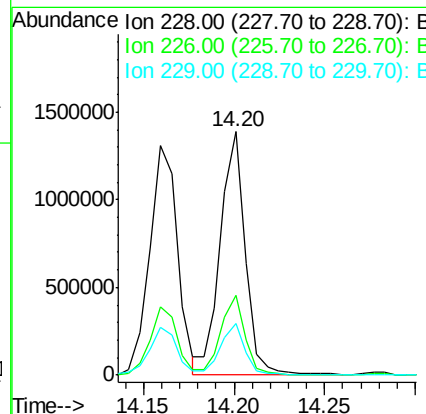
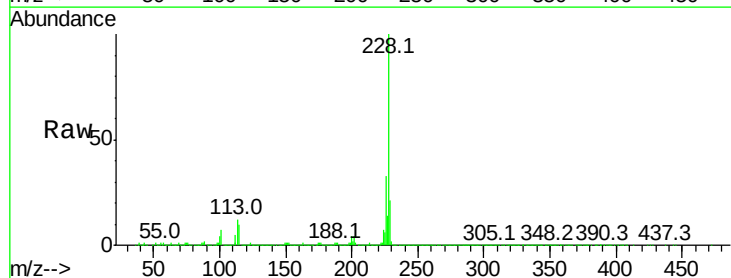
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

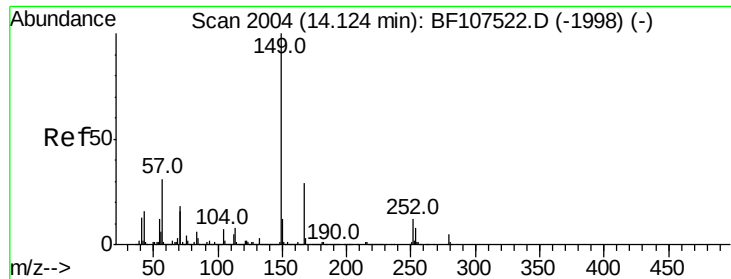
Tot Ion:252 Resp: 452993  
 Ion Ratio Lower Upper  
 252 100  
 254 63.4 50.4 75.6  
 126 10.9 11.3 16.9#



#82  
 Chrysene  
 Concen: 46.660 ng  
 RT: 14.20 min Scan# 2017  
 Delta R.T. 0.01 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

Tgt Ion:228 Resp: 1325407  
 Ion Ratio Lower Upper  
 228 100  
 226 32.6 25.0 37.6  
 229 21.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.421 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

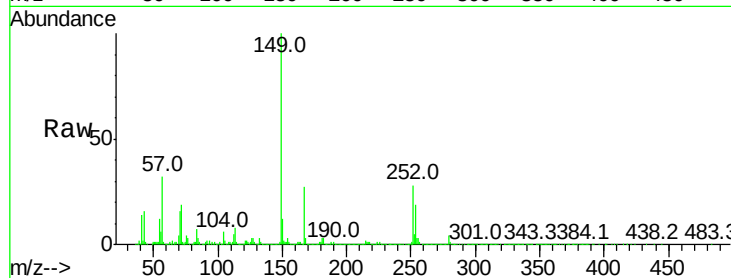
Tot Ion:149 Resp: 1056011

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

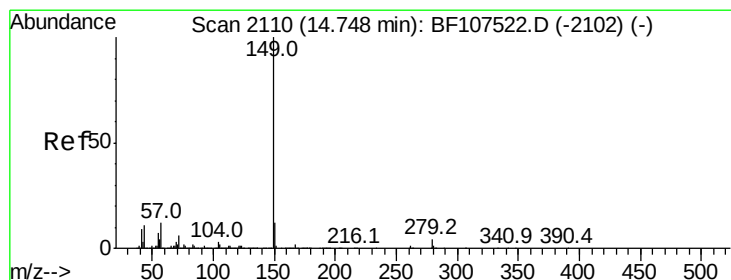
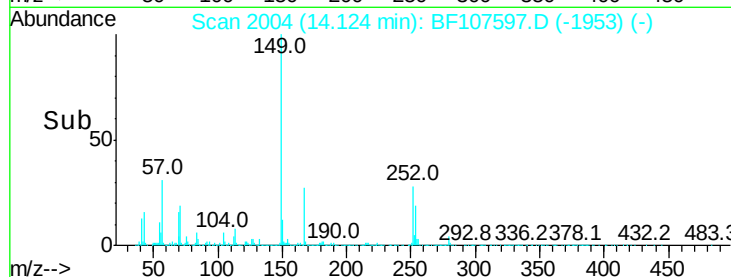
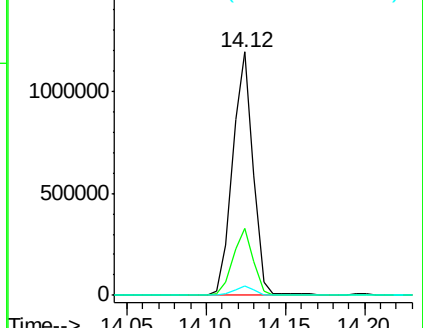
279 3.8 3.0 4.4



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: 52.048 ng

RT: 14.75 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

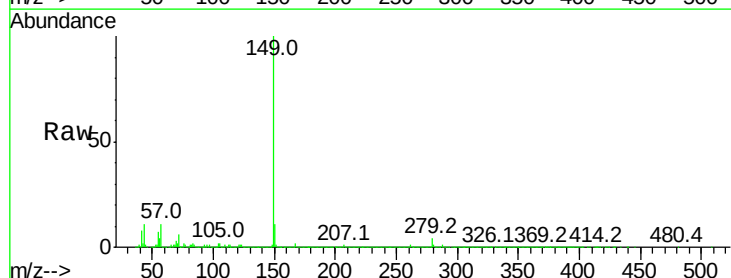
Tgt Ion:149 Resp: 1694415

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

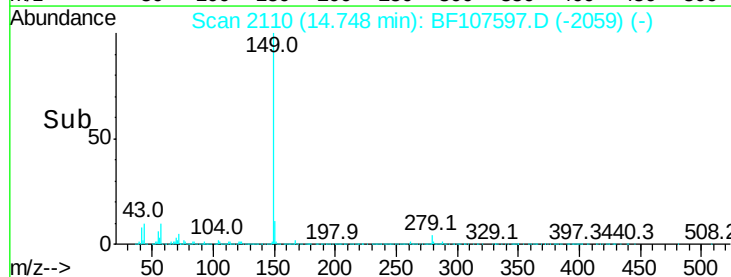
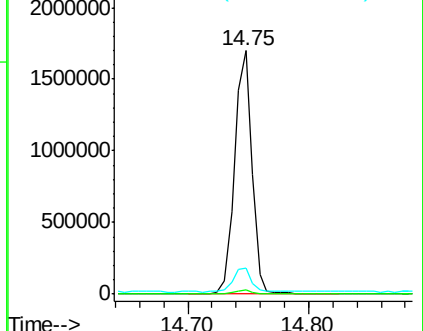
43 10.6 8.4 12.6

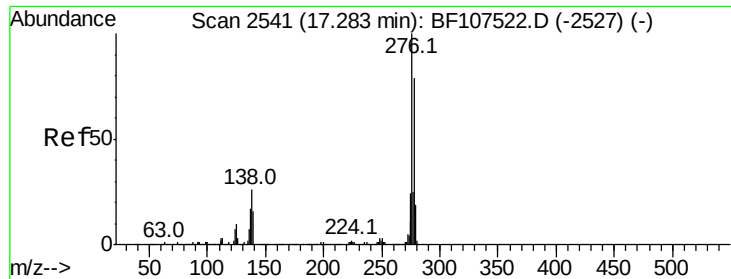


Abundance Ion 149.00 (148.70 to 149.70): E

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: 42.028 ng

RT: 17.30 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

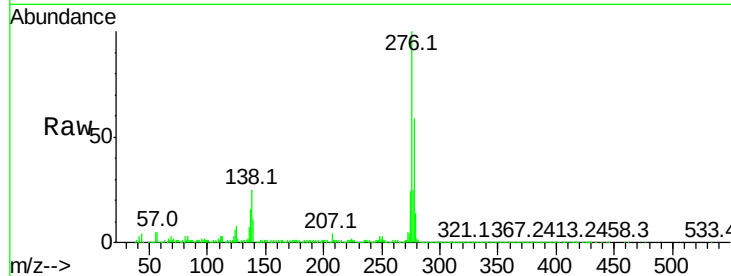
Tot Ion:276 Resp: 1011810

Ion Ratio Lower Upper

276 100

138 25.4 25.0 37.6

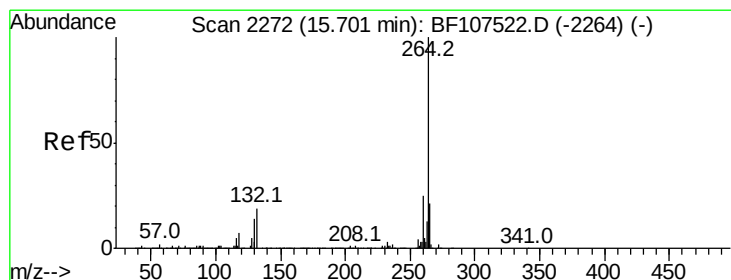
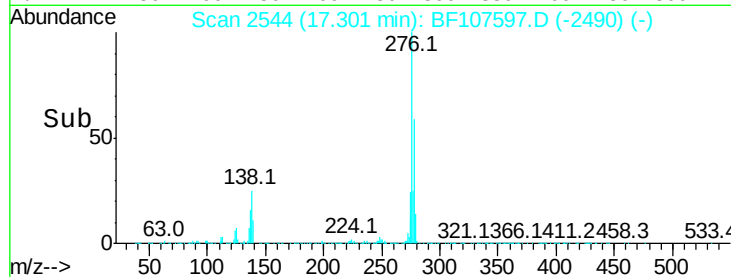
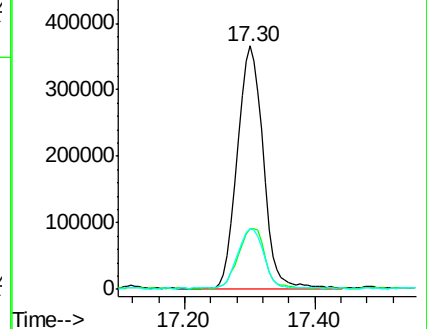
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

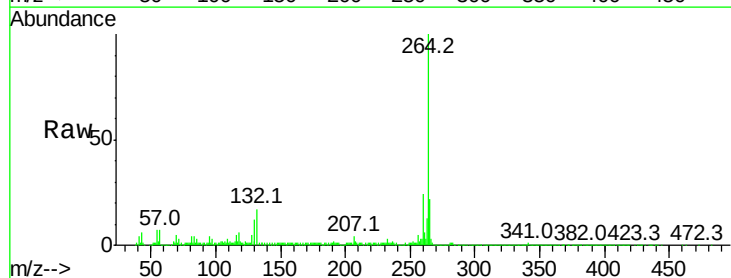
Tgt Ion:264 Resp: 406126

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

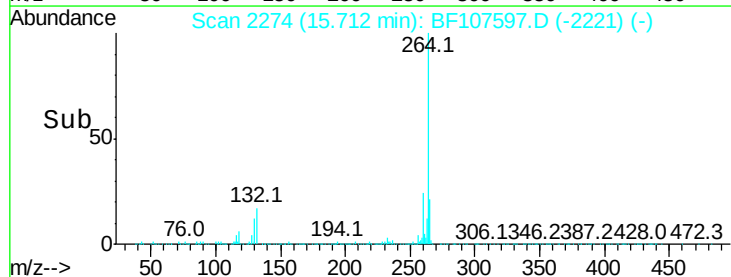
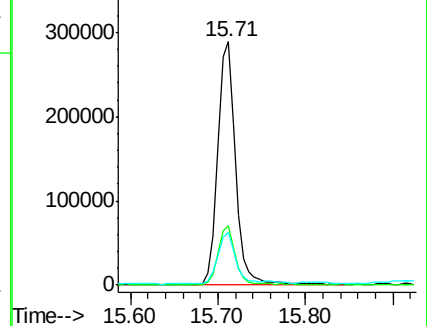
265 21.7 17.5 26.3

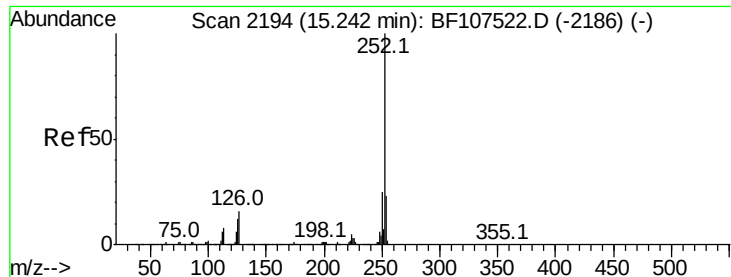


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.145 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.01 min

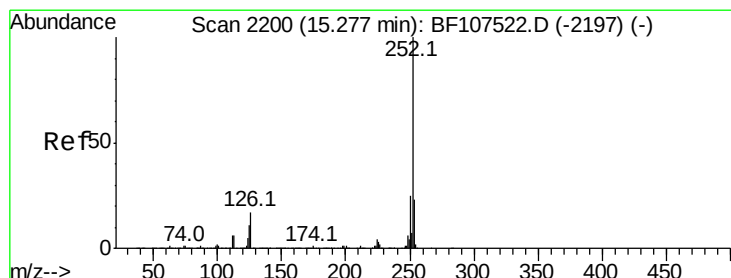
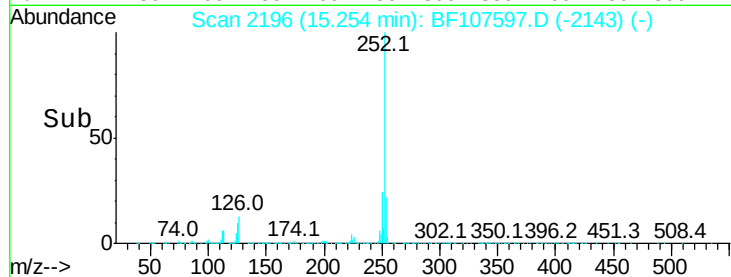
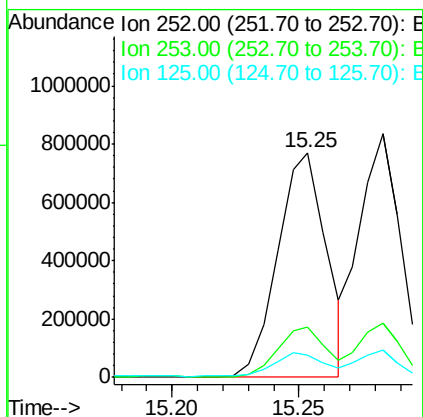
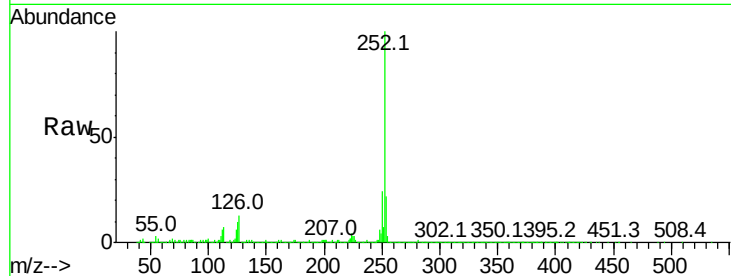
Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10MSD

Tot Ion:252 Resp: 1025662

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 17.0  | 25.6  |
| 125 | 10.2  | 9.0   | 13.6  |



#88

Benzo(k)fluoranthene

Concen: 44.016 ng

RT: 15.28 min Scan# 2201

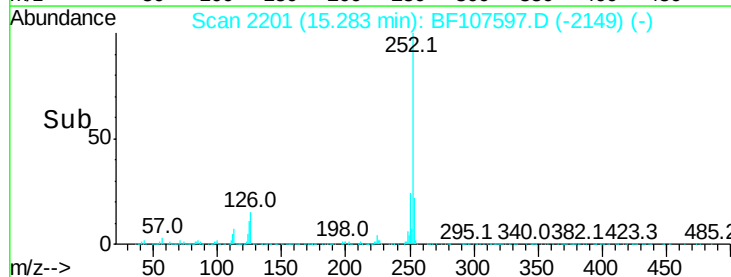
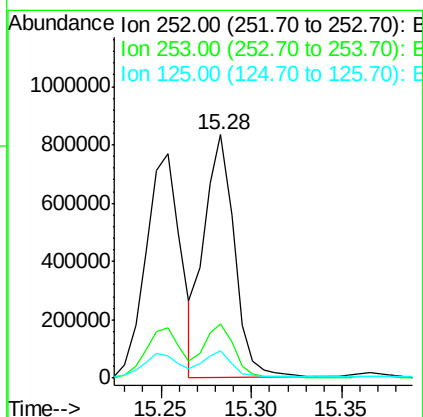
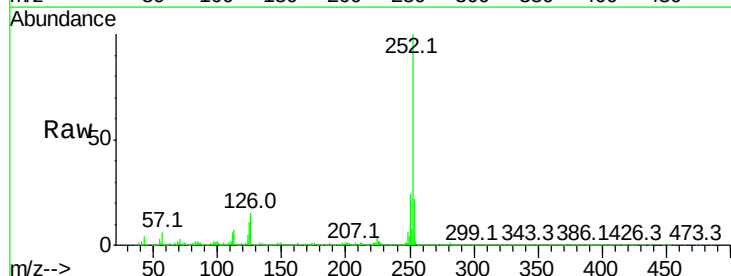
Delta R.T. 0.01 min

Lab File: BF107597.D

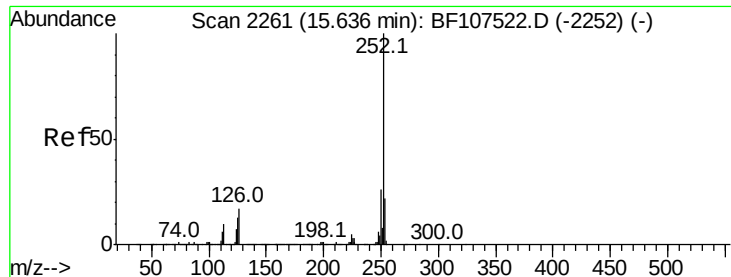
Acq: 23 Jul 2018 19:19

Tgt Ion:252 Resp: 958504

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.9  | 26.9  |
| 125 | 11.4  | 10.2  | 15.2  |







#89

Benzo(a)pyrene

Concen: 46.064 ng

RT: 15.65 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

TP-10MSD

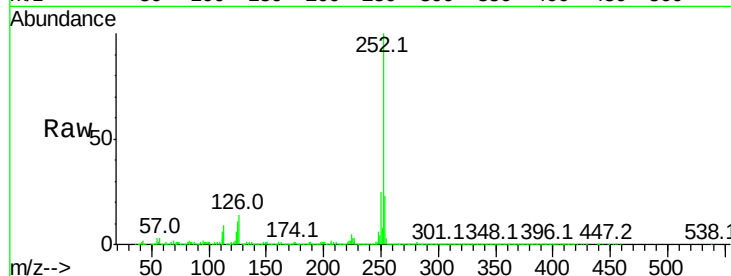
Tot Ion:252 Resp: 936549

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

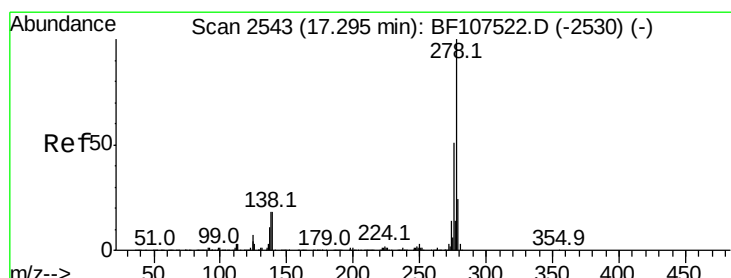
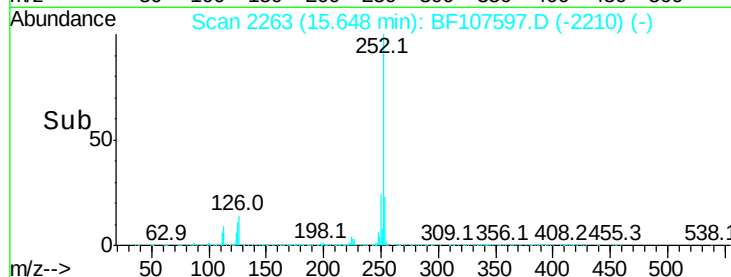
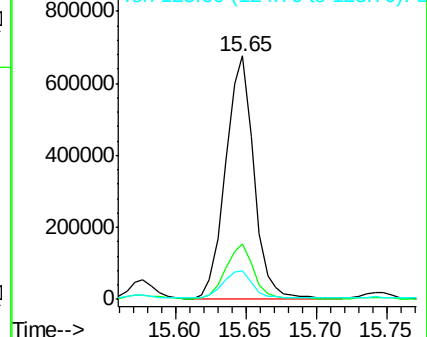
125 11.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.746 ng

RT: 17.32 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF107597.D

Acq: 23 Jul 2018 19:19

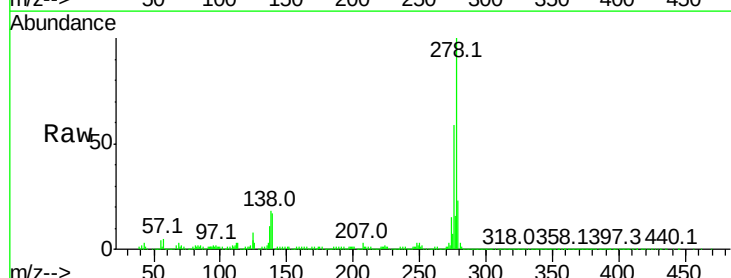
Tgt Ion:278 Resp: 821565

Ion Ratio Lower Upper

278 100

139 16.6 15.9 23.9

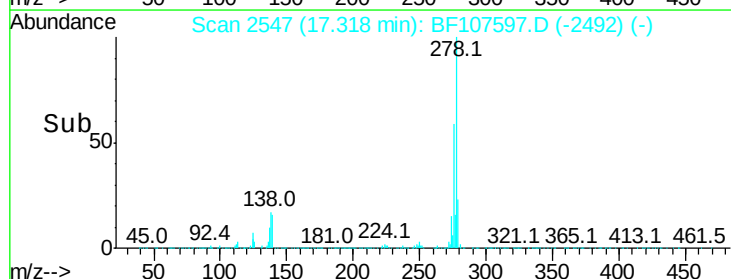
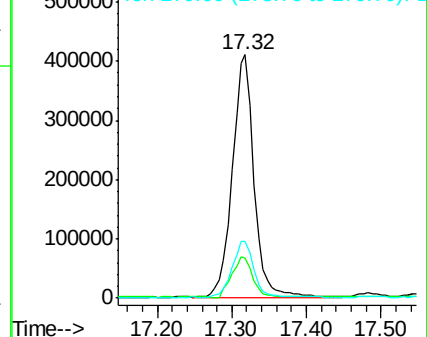
279 23.5 19.0 28.4

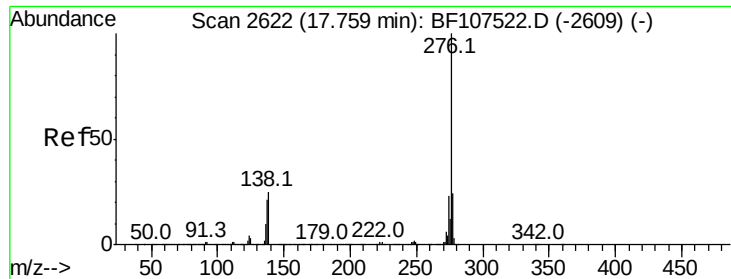


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 48.808 ng  
 RT: 17.78 min Scan# 2626  
 Delta R.T. 0.02 min  
 Lab File: BF107597.D  
 Acq: 23 Jul 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 17.9  | 26.9  |
| 138     | 22.2  | 21.8  | 32.8  |

