

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF072018\  
 Data File : BF107537.D  
 Acq On : 20 Jul 2018 21:25  
 Operator : JU/SJ  
 Sample : J4054-06MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

Quant Time: Jul 20 22:48:19 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  | 352420   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.26  | 136  | 1318417  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.02 | 164  | 595161   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.51 | 188  | 1100949  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.16 | 240  | 719909   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.69 | 264  | 852832   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 2507925 | 114.42 | ng | 0.00 |
| 7) Phenol-d6             | 6.62  | 99  | 2916527 | 110.81 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.54  | 82  | 1892443 | 96.87  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.82 | 330 | 862575  | 127.45 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.34  | 172 | 2959522 | 85.22  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.10 | 244 | 2591875 | 92.17  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.89 | 88  | 340102  | 33.336 | ng | # 87   |
| 3) Pyridine                    | 3.66 | 79  | 946651  | 34.107 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.63 | 42  | 483787  | 41.329 | ng | 95     |
| 6) Aniline                     | 6.65 | 93  | 1041712 | 30.688 | ng | # 86   |
| 8) 2-Chlorophenol              | 6.77 | 128 | 944358  | 40.214 | ng | 93     |
| 9) Benzaldehyde                | 6.53 | 77  | 453010  | 25.769 | ng | 97     |
| 10) Phenol                     | 6.63 | 94  | 1239045 | 40.029 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.71 | 93  | 991168  | 38.624 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146 | 1012609 | 38.032 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.99 | 146 | 1054191 | 38.630 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146 | 951512  | 38.854 | ng | 100    |
| 15) Benzyl Alcohol             | 7.12 | 79  | 766546  | 42.734 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 1593820 | 36.815 | ng | 82     |
| 17) 2-Methylphenol             | 7.23 | 107 | 818047  | 40.985 | ng | # 94   |
| 18) Hexachloroethane           | 7.48 | 117 | 381228  | 39.829 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 651123  | 38.295 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 965034  | 40.718 | ng | # 62   |
| 22) Acetophenone               | 7.38 | 105 | 1304157 | 42.120 | ng | # 87   |
| 24) Nitrobenzene               | 7.56 | 77  | 1013707 | 45.304 | ng | 99     |
| 25) Isophorone                 | 7.80 | 82  | 1880729 | 45.088 | ng | 98     |
| 26) 2-Nitrophenol              | 7.87 | 139 | 516611  | 54.673 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.91 | 122 | 886419  | 49.560 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93  | 1202173 | 43.126 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.12 | 162 | 841835  | 46.049 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.20 | 180 | 840429  | 40.931 | ng | 100    |
| 31) Naphthalene                | 8.28 | 128 | 2580150 | 44.504 | ng | 96     |
| 32) Benzoic acid               | 8.02 | 122 | 349771  | 31.301 | ng | 96     |
| 33) 4-Chloroaniline            | 8.34 | 127 | 228316  | 9.010  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.39 | 225 | 485245  | 39.772 | ng | 99     |
| 35) Caprolactam                | 8.71 | 113 | 155310  | 26.119 | ng | # 71   |
| 36) 4-Chloro-3-methylphenol    | 8.82 | 107 | 922510  | 45.428 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 1805495 | 44.940 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 836017  | 42.114 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.12 | 237 | 847777  | 84.012 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF072018\  
 Data File : BF107537.D  
 Acq On : 20 Jul 2018 21:25  
 Operator : JU/SJ  
 Sample : J4054-06MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

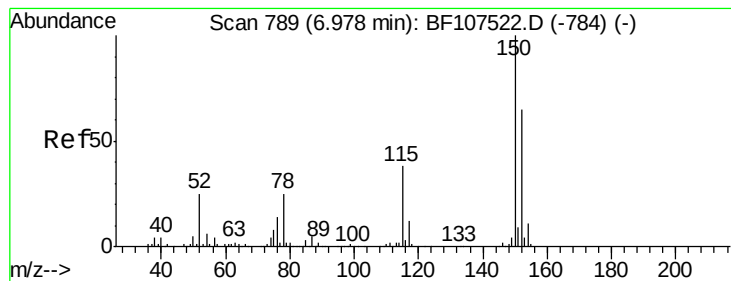
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

Quant Time: Jul 20 22:48:19 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      | 9.25  | 196  | 574472   | 45.211 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.30  | 196  | 618811   | 46.597 | ng    | 94       |
| 45) 1,1'-Biphenyl              | 9.44  | 154  | 2121693  | 40.923 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.47  | 162  | 1613463  | 40.714 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.57  | 65   | 588223   | 50.914 | ng    | 89       |
| 48) Acenaphthylene             | 9.88  | 152  | 2569911  | 43.169 | ng    | 93       |
| 49) Dimethylphthalate          | 9.74  | 163  | 2211812  | 49.310 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 9.81  | 165  | 438849   | 49.278 | ng    | 96       |
| 51) Acenaphthene               | 10.05 | 154  | 1509304  | 40.465 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.98  | 138  | 271296   | 25.041 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 10.08 | 184  | 334650   | 79.766 | ng #  | 22       |
| 54) Dibenzofuran               | 10.22 | 168  | 2235504  | 40.711 | ng    | 94       |
| 55) 4-Nitrophenol              | 10.15 | 139  | 714139   | 88.040 | ng    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.21 | 165  | 562211   | 52.299 | ng    | 96       |
| 57) Fluorene                   | 10.57 | 166  | 1733372  | 44.247 | ng    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.34 | 232  | 520009   | 47.050 | ng #  | 89       |
| 59) Diethylphthalate           | 10.44 | 149  | 1982033  | 42.309 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204  | 861567   | 38.902 | ng    | 91       |
| 61) 4-Nitroaniline             | 10.60 | 138  | 448976   | 49.325 | ng    | 98       |
| 62) Azobenzene                 | 10.72 | 77   | 1792345  | 40.803 | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198  | 237373   | 45.265 | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 10.68 | 169  | 1572037  | 42.043 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 11.05 | 248  | 540093   | 41.674 | ng    | 92       |
| 67) Hexachlorobenzene          | 11.12 | 284  | 573989   | 40.252 | ng #  | 86       |
| 68) Atrazine                   | 11.21 | 200  | 511984   | 44.847 | ng    | 97       |
| 69) Pentachlorophenol          | 11.31 | 266  | 603737   | 67.782 | ng    | 98       |
| 70) Phenanthrene               | 11.54 | 178  | 2264180  | 42.203 | ng    | 95       |
| 71) Anthracene                 | 11.59 | 178  | 2288013  | 42.357 | ng    | 94       |
| 72) Carbazole                  | 11.75 | 167  | 2179781  | 38.806 | ng    | 96       |
| 73) Di-n-butylphthalate        | 12.06 | 149  | 2615519  | 45.366 | ng #  | 96       |
| 74) Fluoranthene               | 12.73 | 202  | 2227673  | 38.695 | ng    | 96       |
| 76) Benzidine                  | 12.85 | 184  | 814779   | 39.300 | ng    | 98       |
| 77) Pyrene                     | 12.96 | 202  | 2197915  | 44.634 | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 1043767  | 49.288 | ng    | 94       |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 1878324  | 44.523 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 14.11 | 252  | 493823   | 37.745 | ng    | 99       |
| 82) Chrysene                   | 14.19 | 228  | 1759014  | 43.405 | ng    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 1346396  | 45.059 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 2232092  | 48.058 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.27 | 276  | 2415486  | 70.326 | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 2051214  | 43.947 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 1667900  | 36.474 | ng    | 97       |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 1884521  | 44.139 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 1962617  | 53.178 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.76 | 276  | 2013728  | 55.316 | ng    | 93       |

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



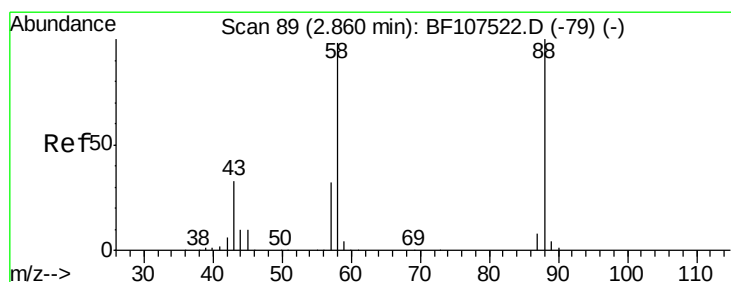
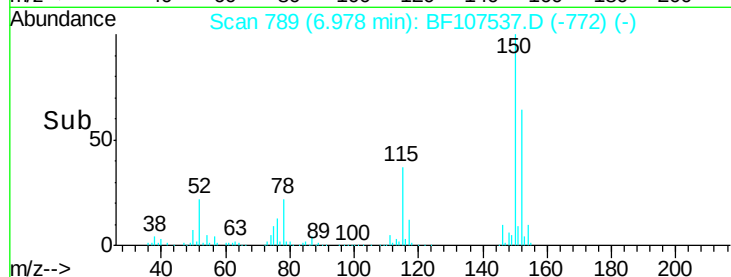
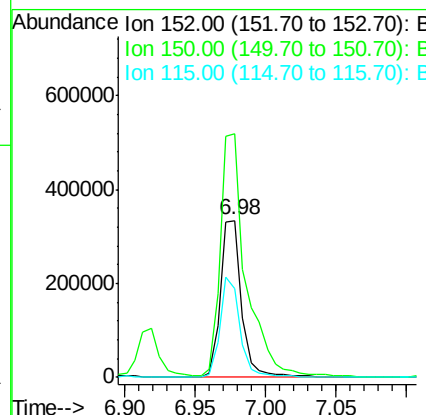
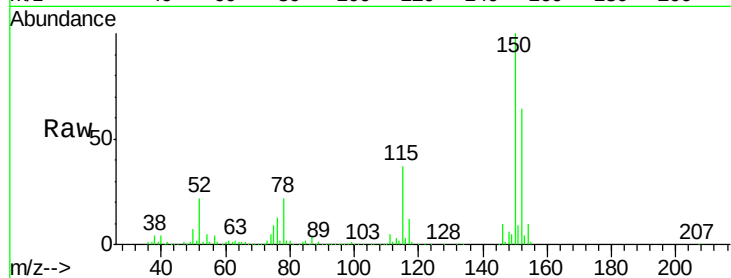


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.98 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

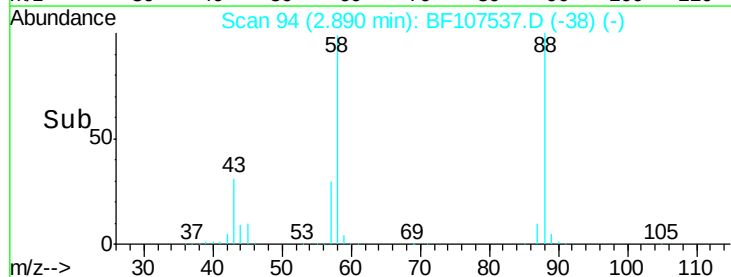
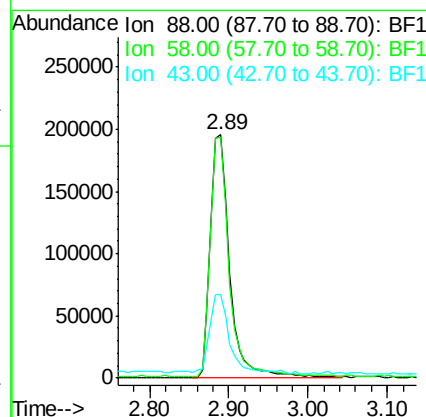
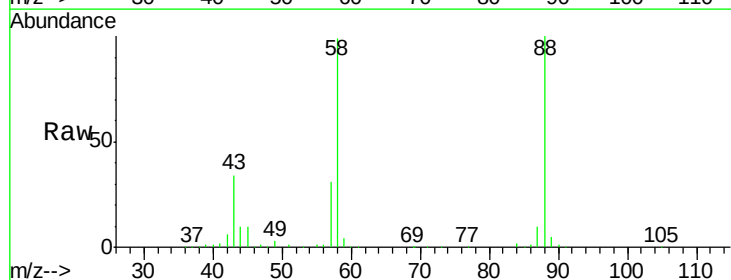
Tgt Ion:152 Resp: 352420  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.6 186.8  
115 56.9 50.1 75.1

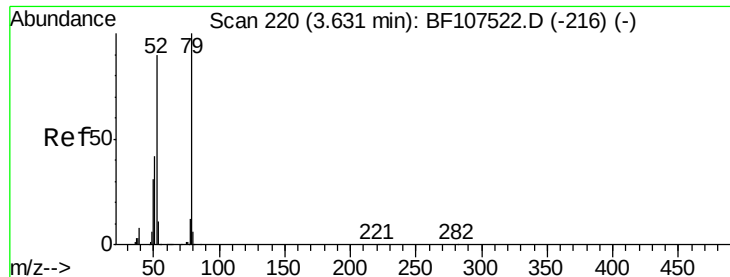


#2

1,4-Dioxane  
Concen: 33.336 ng  
RT: 2.89 min Scan# 94  
Delta R.T. 0.03 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion: 88 Resp: 340102  
Ion Ratio Lower Upper  
88 100  
58 94.2 62.6 93.8#  
43 30.5 24.6 37.0

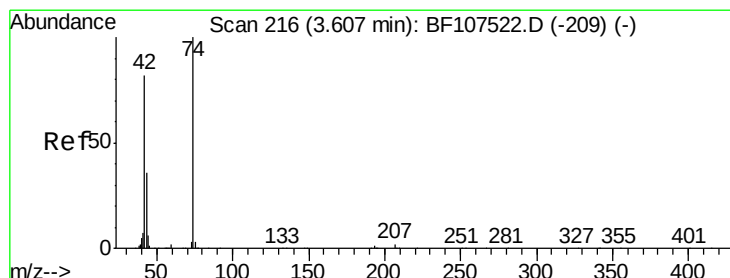
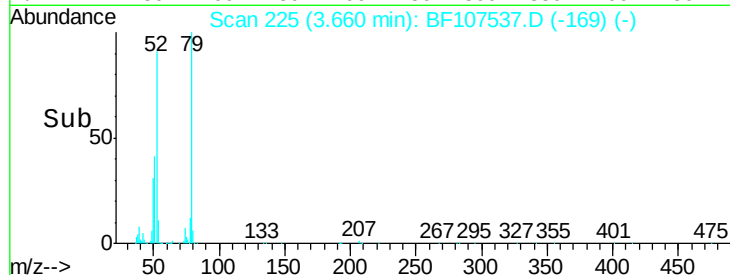
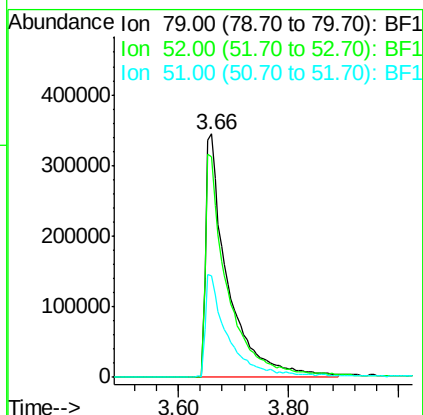
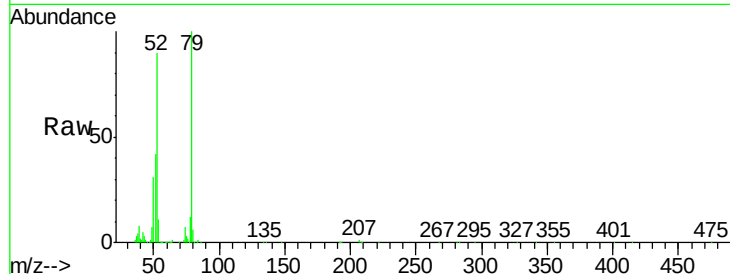




#3  
 Pyridine  
 Concen: 34.107 ng  
 RT: 3.66 min Scan# 225  
 Delta R.T. 0.03 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

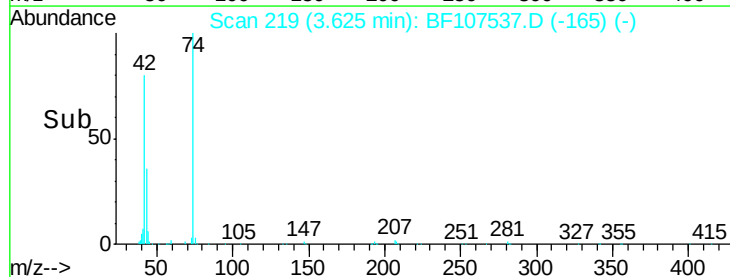
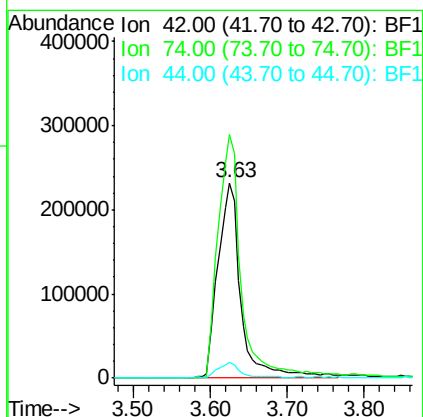
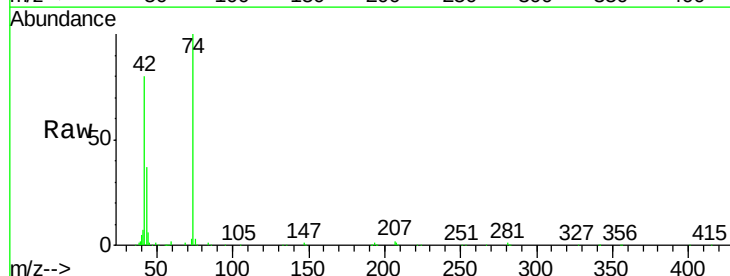
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

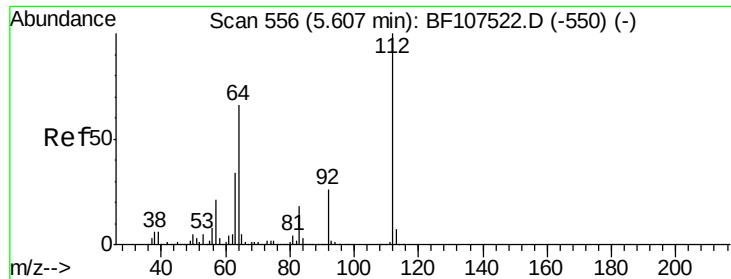
Tgt Ion: 79 Resp: 946651  
 Ion Ratio Lower Upper  
 79 100  
 52 90.5 59.8 89.6#  
 51 41.6 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 41.329 ng  
 RT: 3.63 min Scan# 219  
 Delta R.T. 0.02 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion: 42 Resp: 483787  
 Ion Ratio Lower Upper  
 42 100  
 74 124.8 104.9 157.3  
 44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 114.416 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

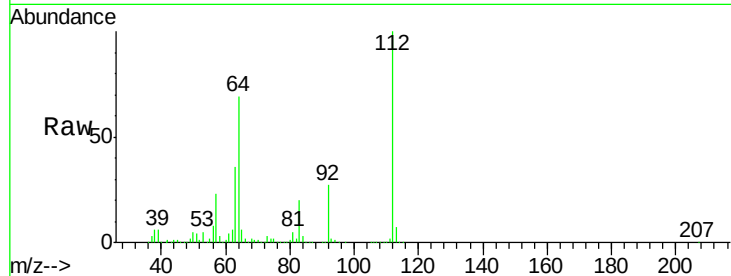
Tgt Ion: 112 Resp: 2507925

Ion Ratio Lower Upper

112 100

64 68.9 47.9 71.9

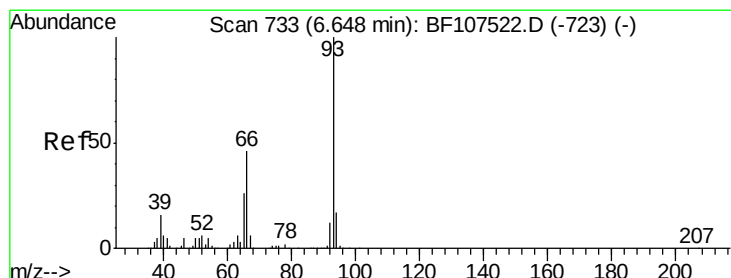
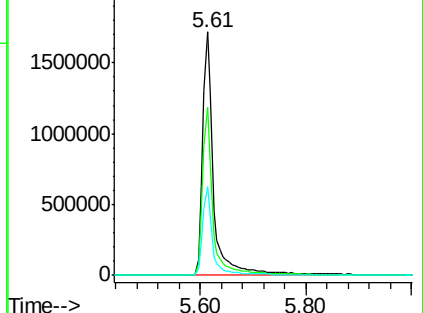
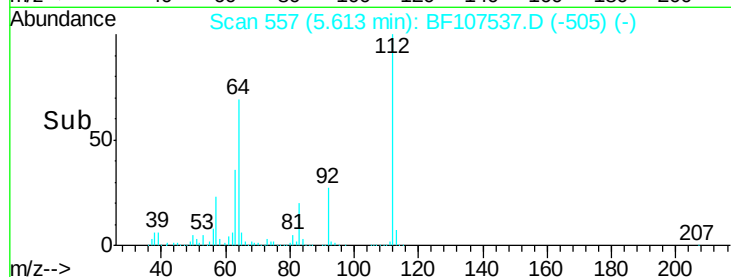
63 36.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.688 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

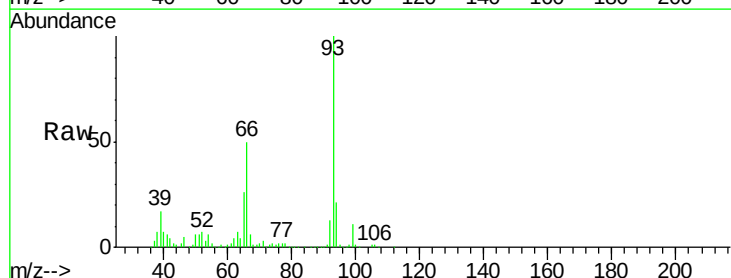
Tgt Ion: 93 Resp: 1041712

Ion Ratio Lower Upper

93 100

66 49.8 32.2 48.2#

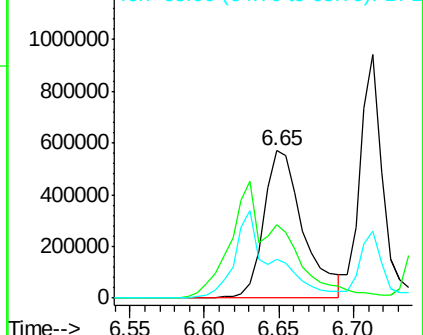
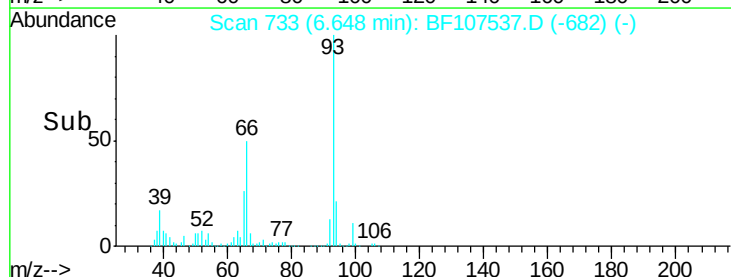
65 26.1 16.4 24.6#

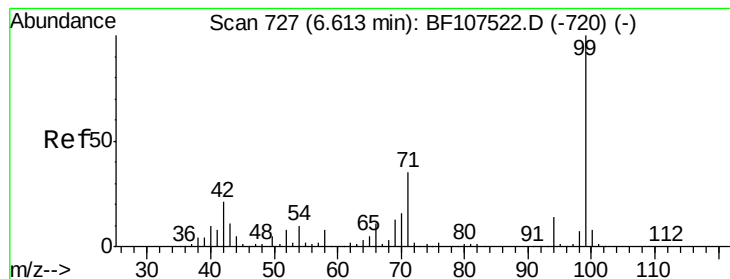


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.813 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

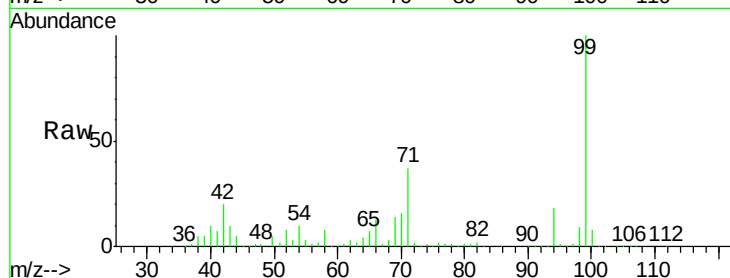
BNA\_F

ClientSampleId :

161-TP-1MSD

Tgt Ion: 99 Resp: 2916527

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.9  | 14.5  | 21.7  |
| 71  | 36.6  | 25.4  | 38.0  |

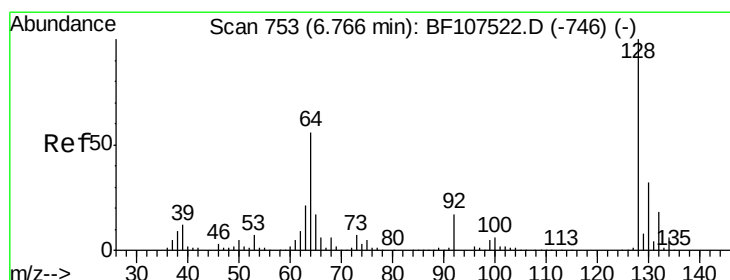
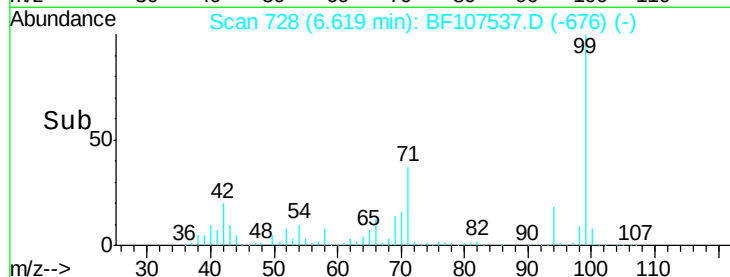
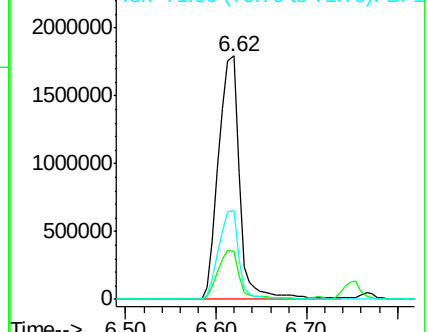


Abundance

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: 40.214 ng

RT: 6.77 min Scan# 753

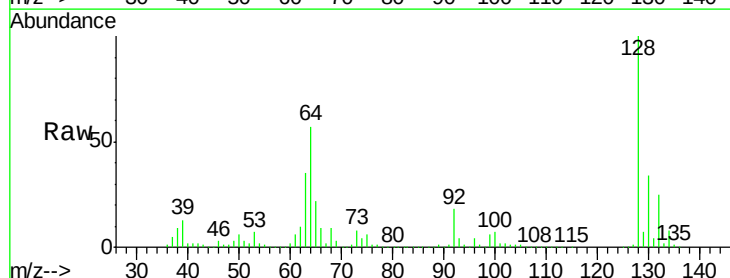
Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion: 128 Resp: 944358

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.7  | 13.0  | 53.0  |
| 64  | 56.8  | 29.4  | 69.4  |

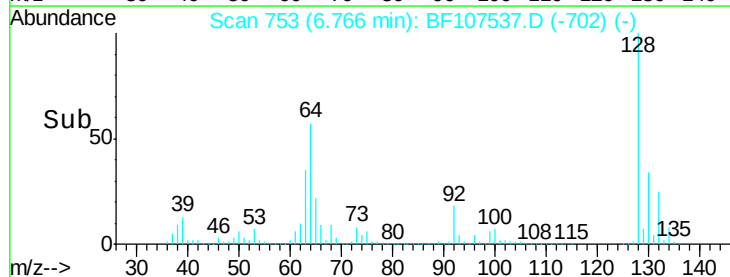
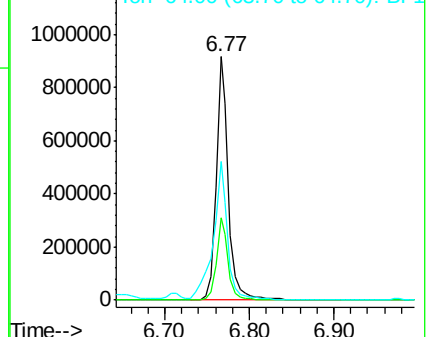


Abundance

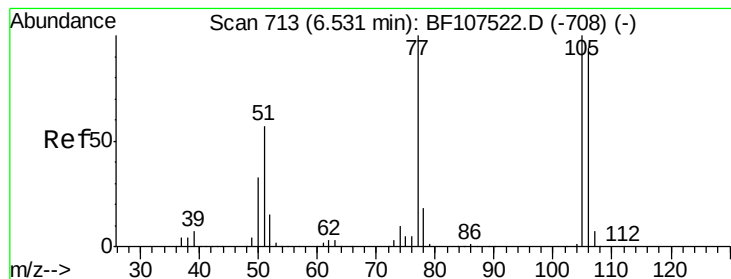
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 25.769 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

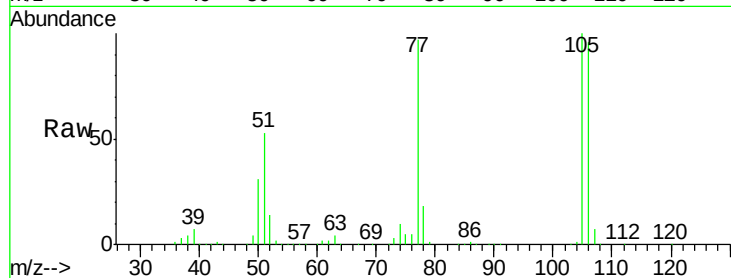
Tgt Ion: 77 Resp: 453010

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

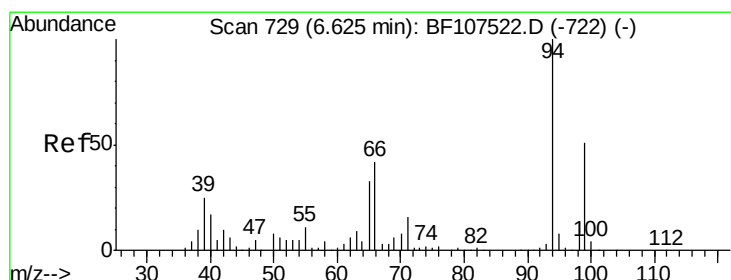
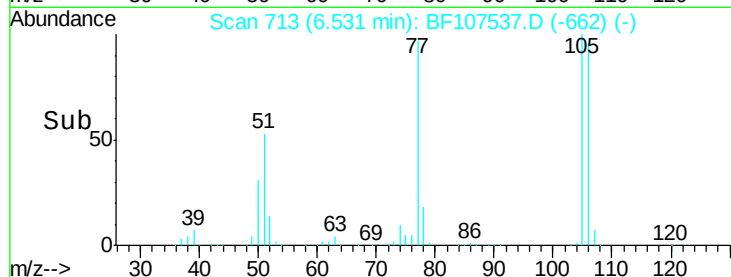
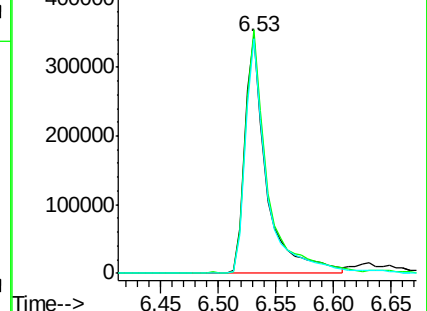
106 98.9 74.5 114.5



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: 40.029 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

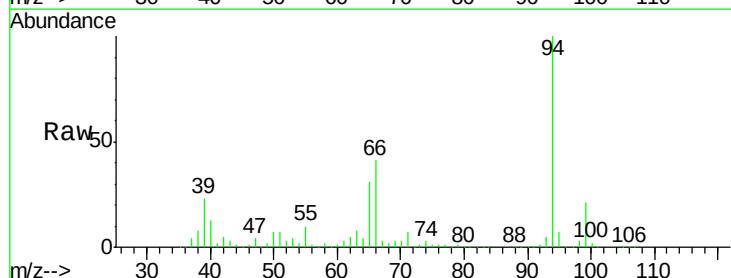
Tgt Ion: 94 Resp: 1239045

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

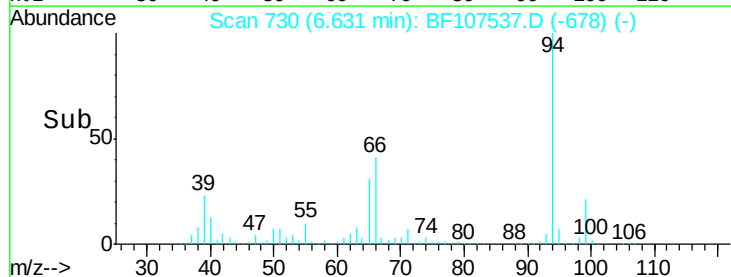
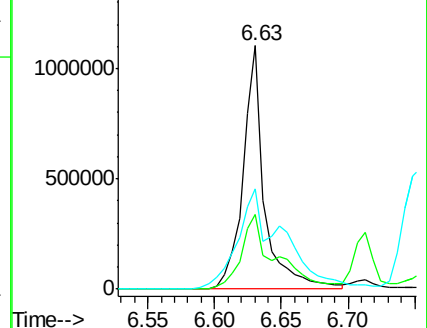
66 41.0 16.2 56.2



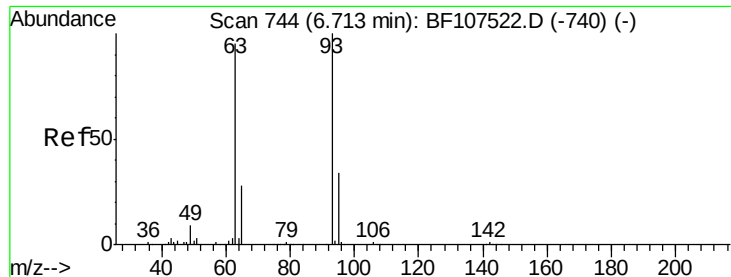
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



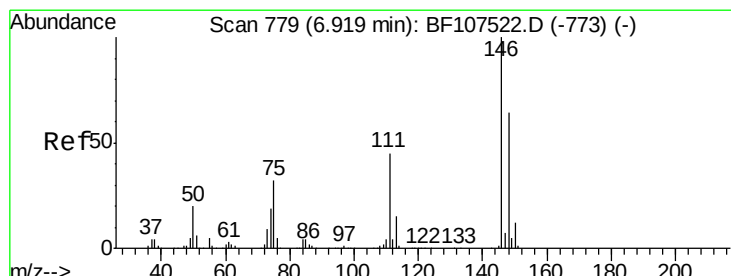
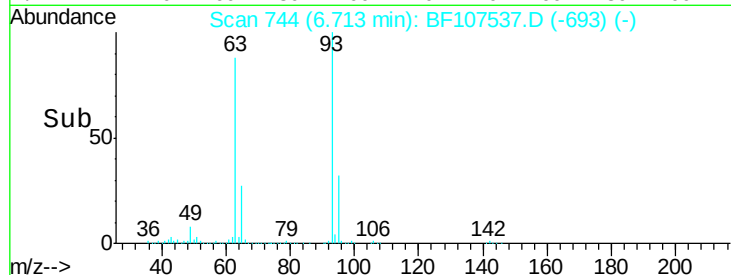
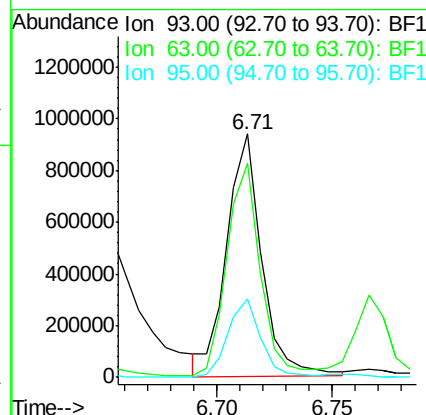
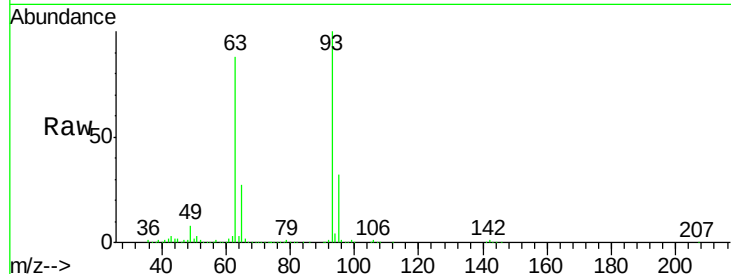




#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.624 ng  
 RT: 6.71 min Scan# 744  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

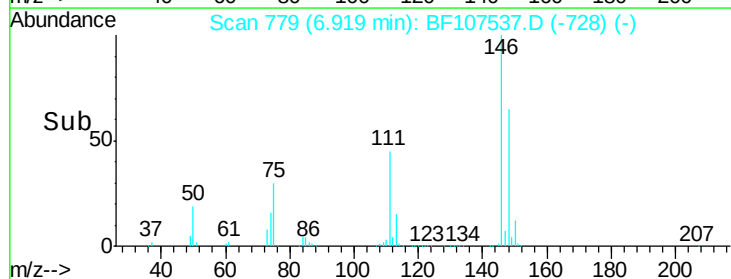
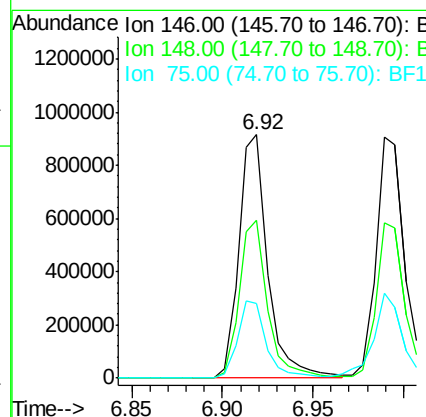
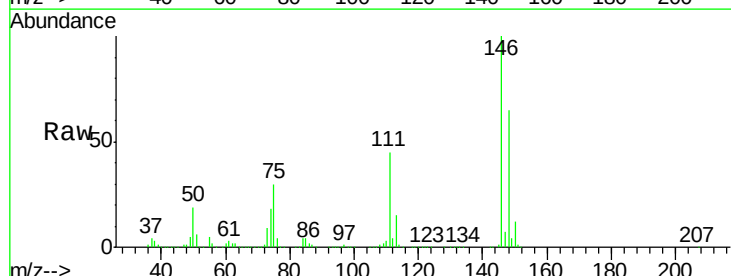
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

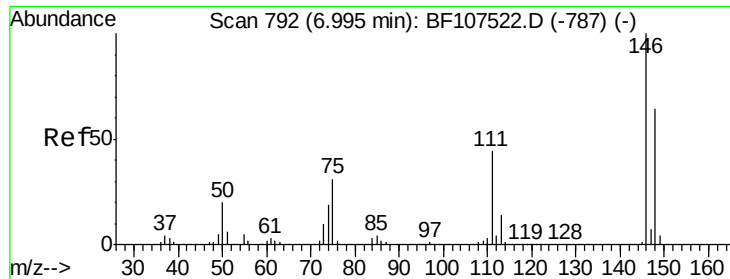
Tgt Ion: 93 Resp: 991168  
 Ion Ratio Lower Upper  
 93 100  
 63 88.1 58.6 98.6  
 95 32.2 11.8 51.8



#12  
 1,3-Dichlorobenzene  
 Concen: 38.032 ng  
 RT: 6.92 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion: 146 Resp: 1012609  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.8 77.8  
 75 30.4 24.2 36.4

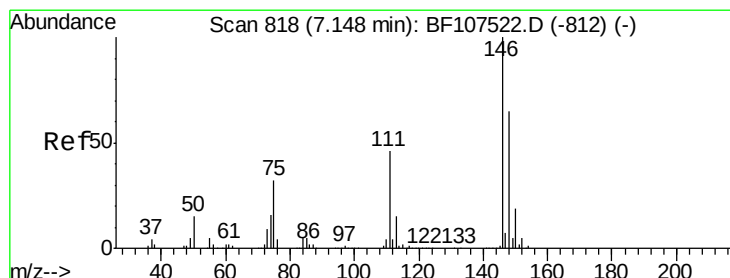
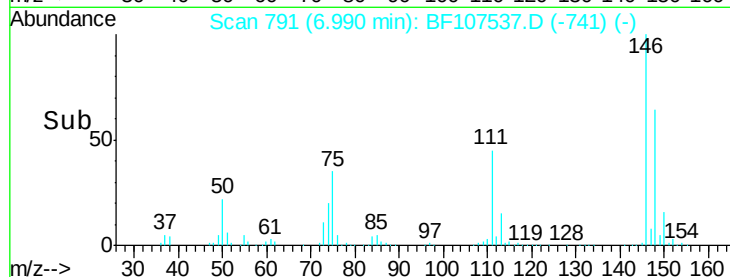
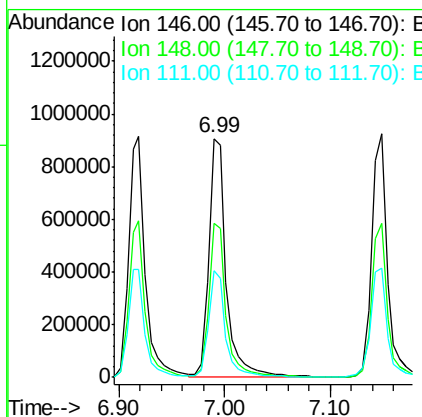
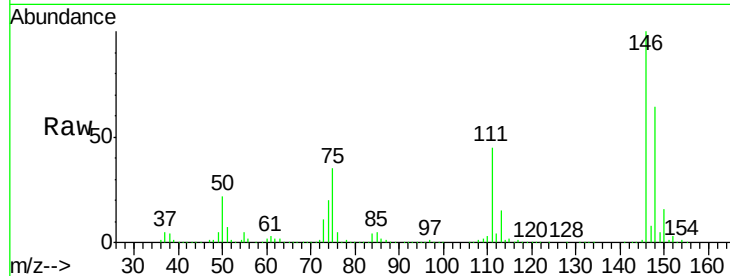




#13  
 1,4-Dichlorobenzene  
 Concen: 38.630 ng  
 RT: 6.99 min Scan# 791  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

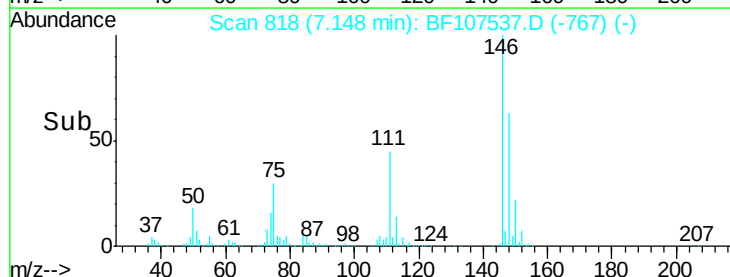
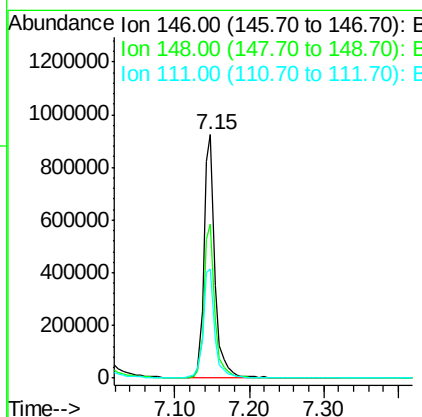
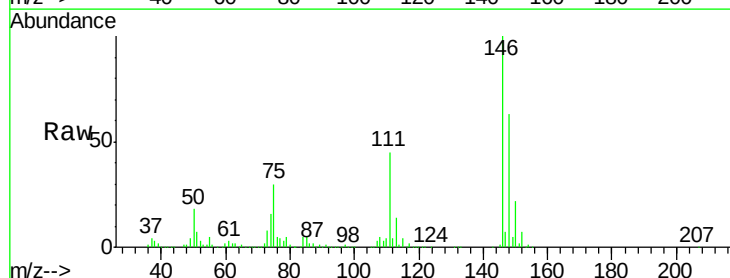
Instrument :  
 BNA\_F  
 ClientSampled :  
 161-TP-1MSD

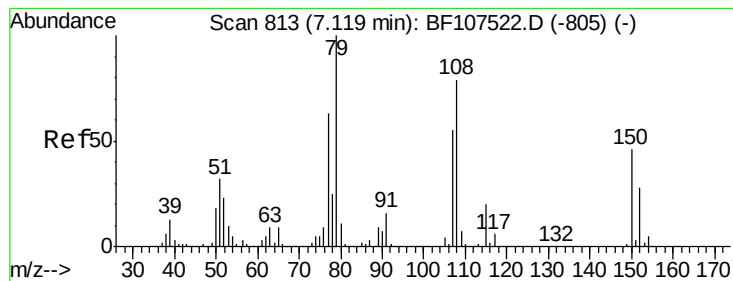
Tgt Ion:146 Resp: 1054191  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 50.8 76.2  
 111 44.9 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 38.854 ng  
 RT: 7.15 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:146 Resp: 951512  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 50.6 75.8  
 111 44.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 42.734 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

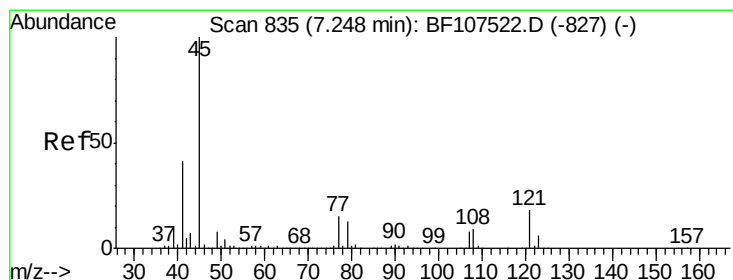
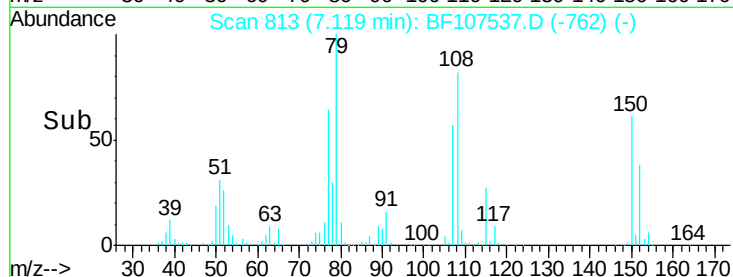
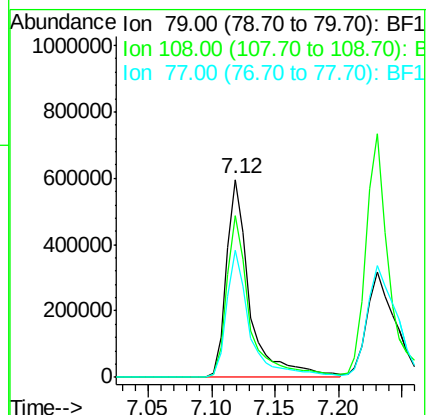
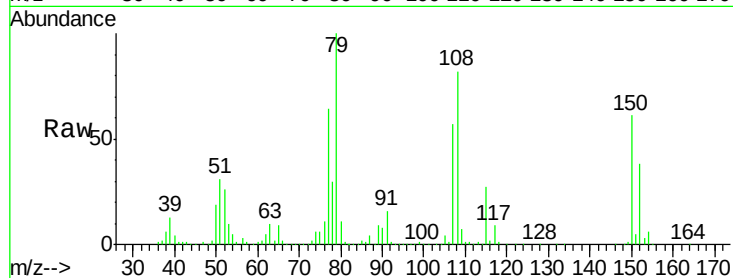
Tgt Ion: 79 Resp: 766546

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

77 64.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.815 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

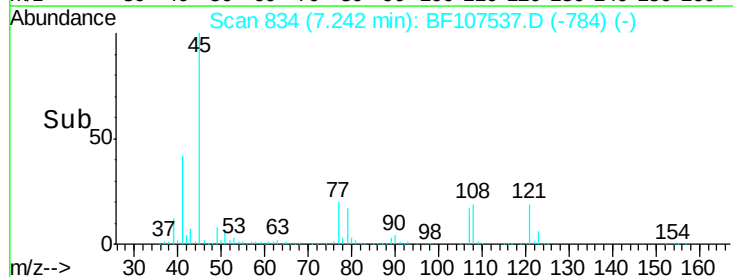
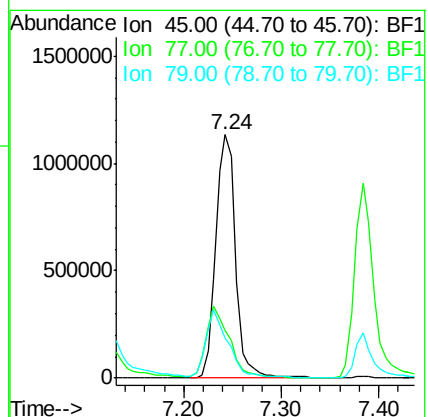
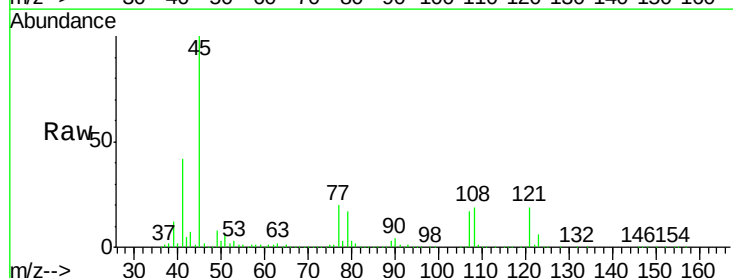
Tgt Ion: 45 Resp: 1593820

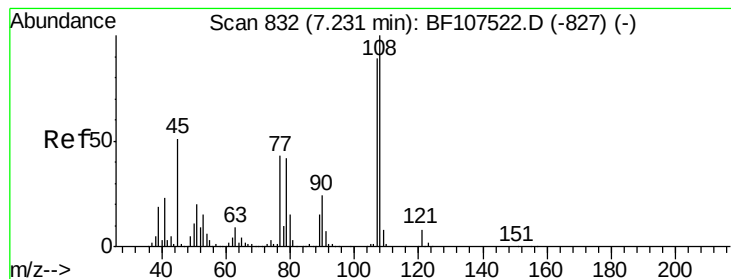
Ion Ratio Lower Upper

45 100

77 19.6 0.0 32.9

79 16.6 0.0 29.6





#17

2-Methylphenol

Concen: 40.985 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

Tgt Ion:107 Resp: 818047

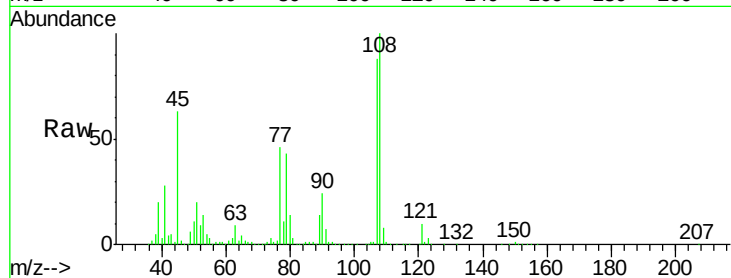
Ion Ratio Lower Upper

107 100

108 114.2 91.7 137.5

77 52.6 33.8 50.8#

79 49.3 33.8 50.8

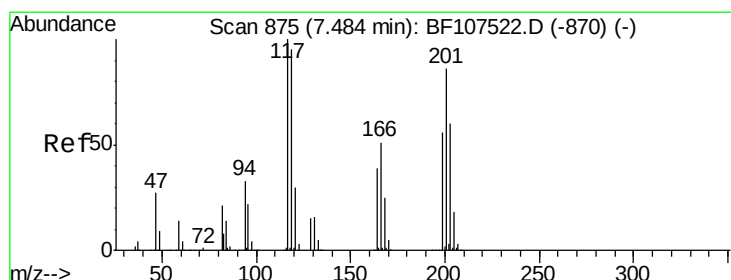
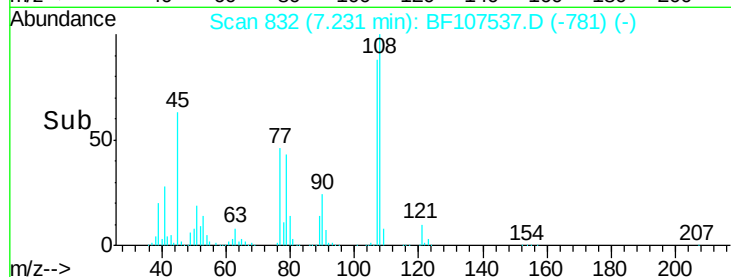
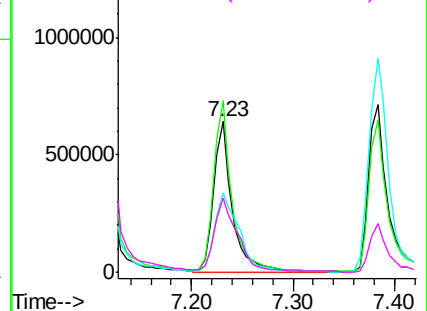


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.829 ng

RT: 7.48 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

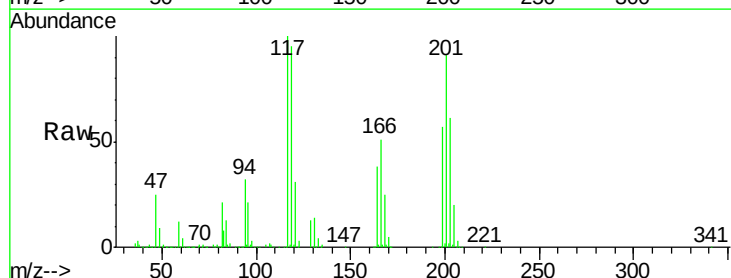
Tgt Ion:117 Resp: 381228

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

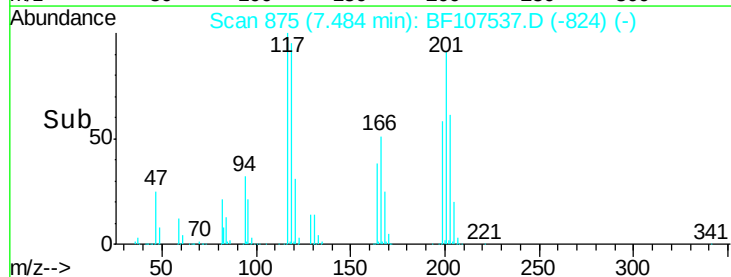
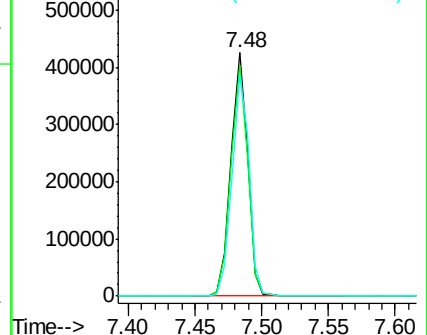
201 91.1 75.7 113.5

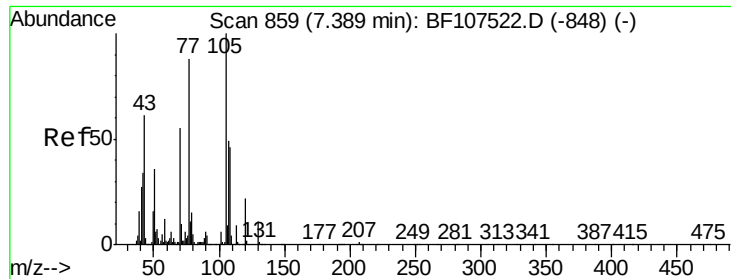


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

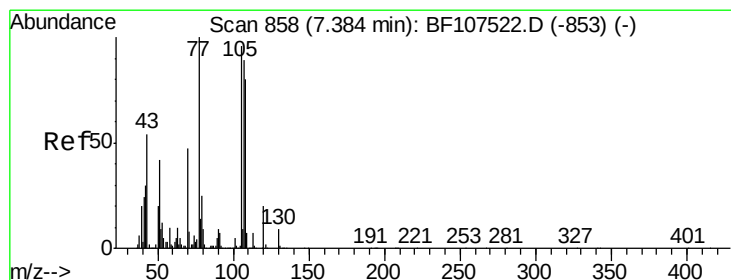
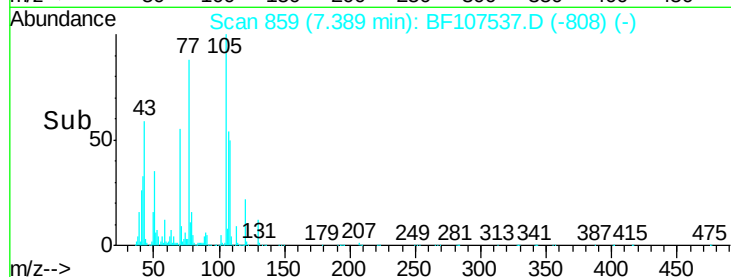
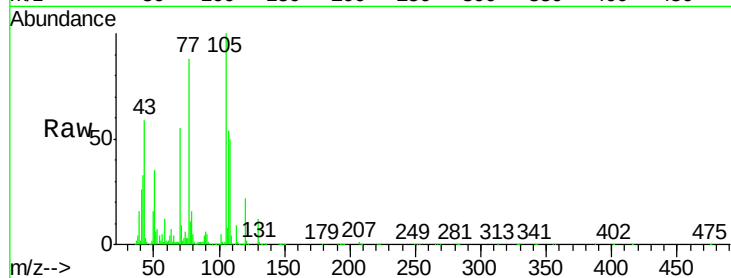
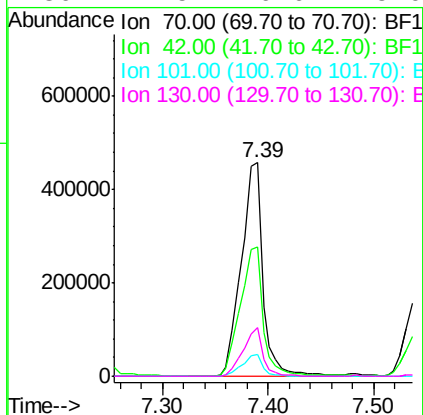




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.295 ng  
RT: 7.39 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

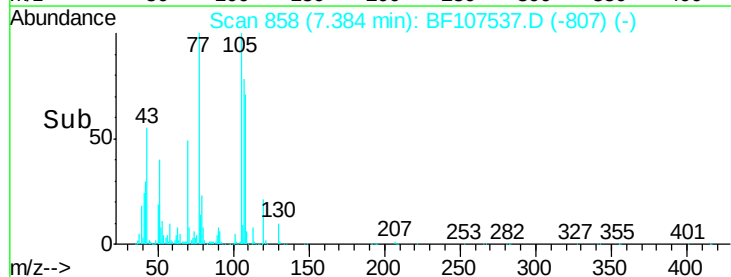
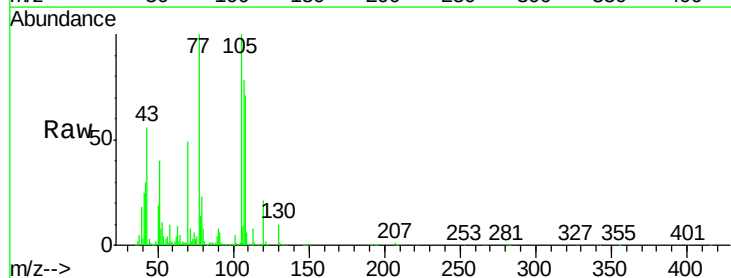
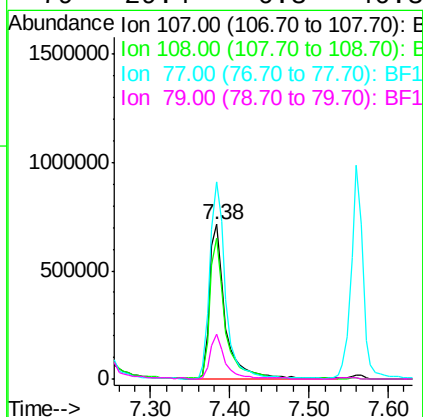
Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

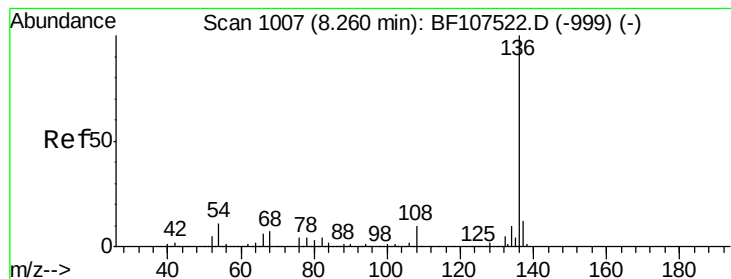
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 651123 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.4  | 47.5  | 71.3   |
| 101      | 9.9   | 7.4   | 11.2   |
| 130      | 22.5  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 40.718 ng  
RT: 7.38 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 965034 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.0  | 68.2  | 108.2  |
| 77       | 127.7 | 26.7  | 66.7#  |
| 79       | 29.4  | 6.3   | 46.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

Tgt Ion:136 Resp: 1318417

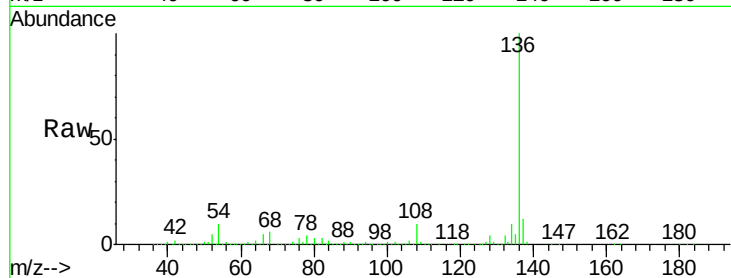
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.6 6.6 9.8

68 6.4 5.0 7.4

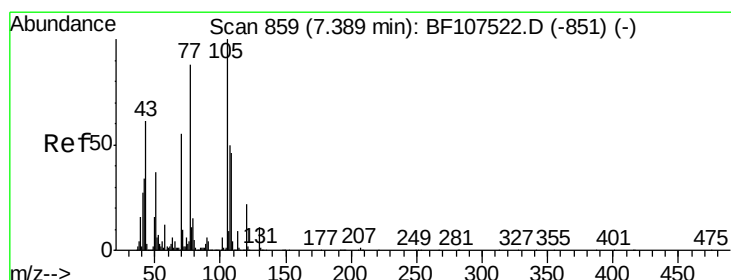
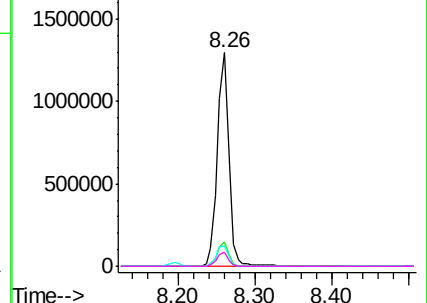
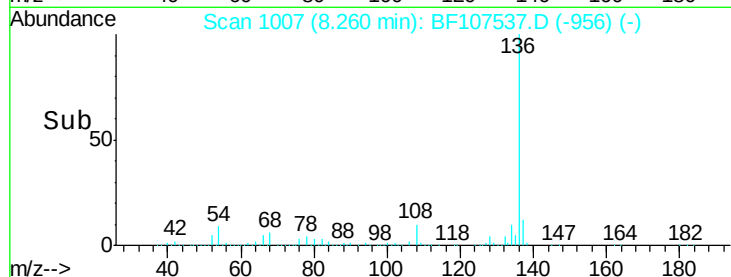


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.120 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion:105 Resp: 1304157

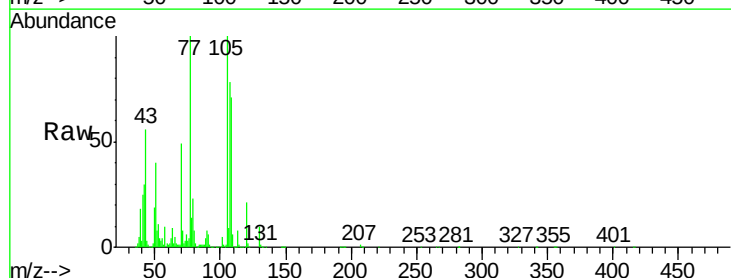
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 40.2 22.3 33.5#

120 20.8 16.9 25.3

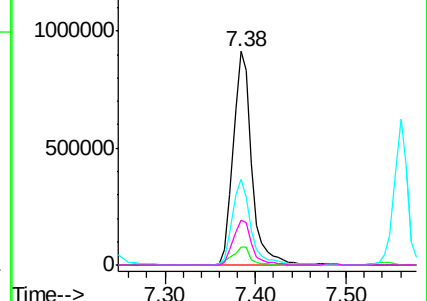
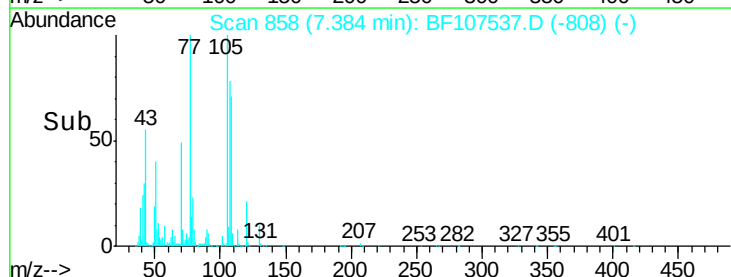


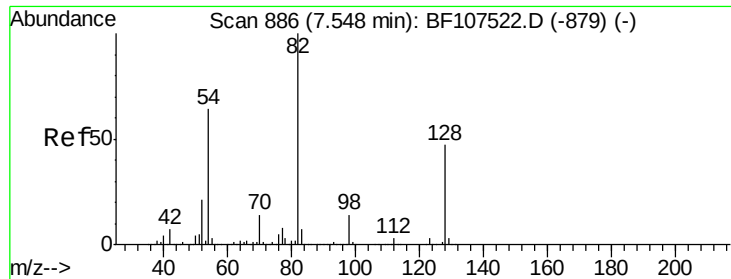
Abundance Ion 105.00 (104.70 to 105.70): E

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

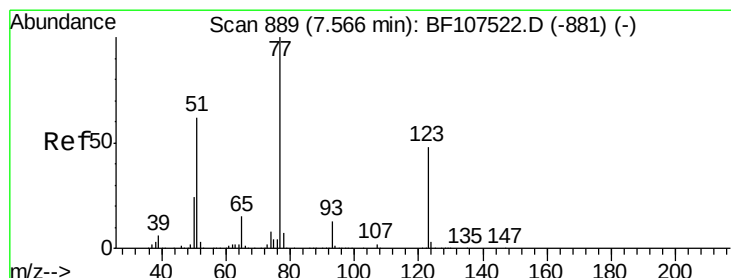
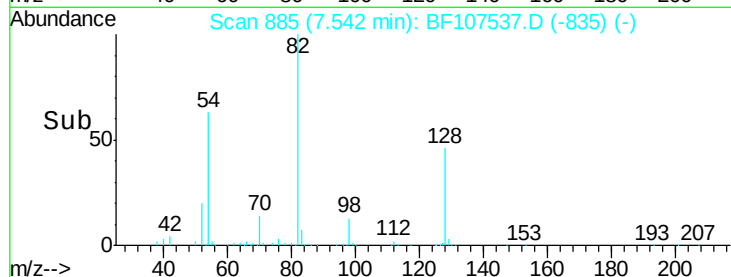
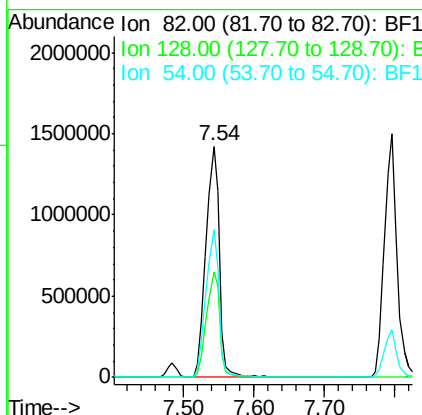
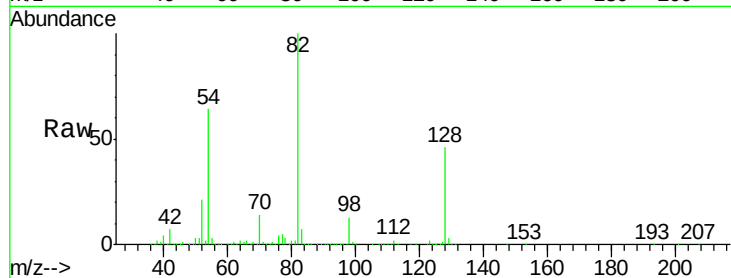




#23  
 Nitrobenzene-d5  
 Concen: 96.871 ng  
 RT: 7.54 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

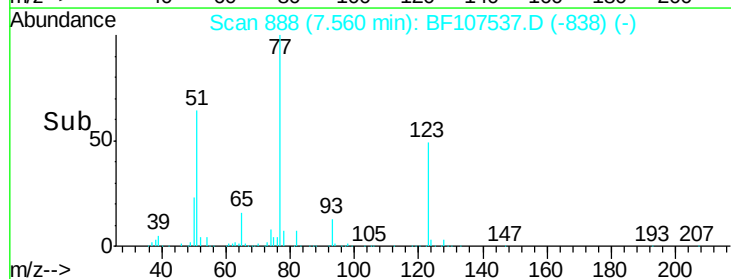
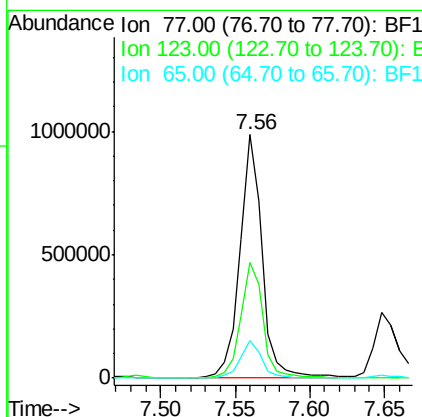
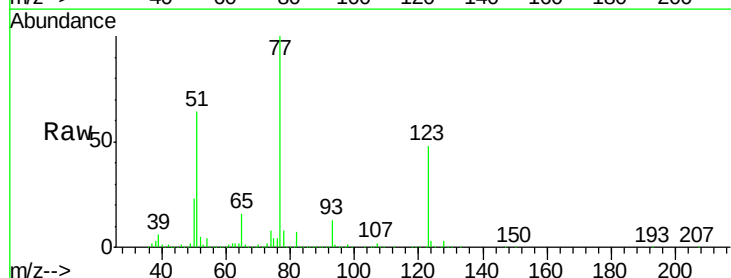
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

Tgt Ion: 82 Resp: 1892443  
 Ion Ratio Lower Upper  
 82 100  
 128 45.7 36.1 54.1  
 54 63.9 41.4 62.2#

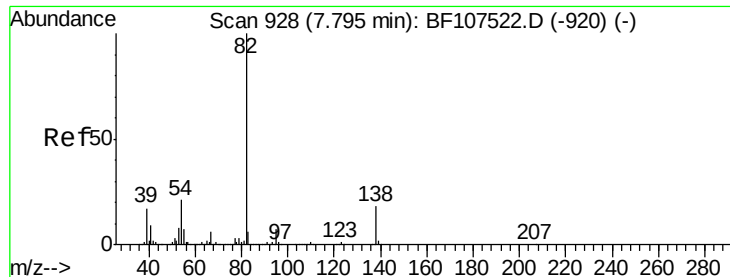


#24  
 Nitrobenzene  
 Concen: 45.304 ng  
 RT: 7.56 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion: 77 Resp: 1013707  
 Ion Ratio Lower Upper  
 77 100  
 123 47.6 37.9 56.9  
 65 15.5 11.0 16.4







#25

Isophorone

Concen: 45.088 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

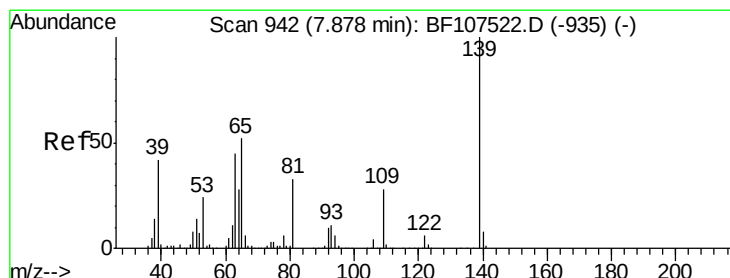
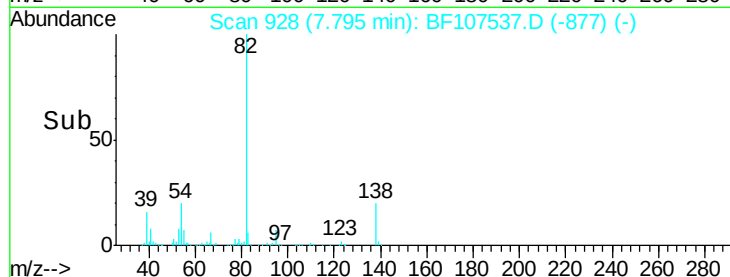
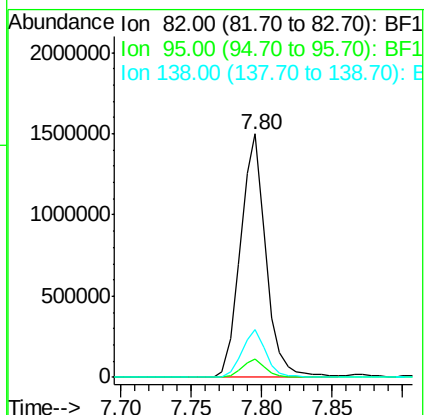
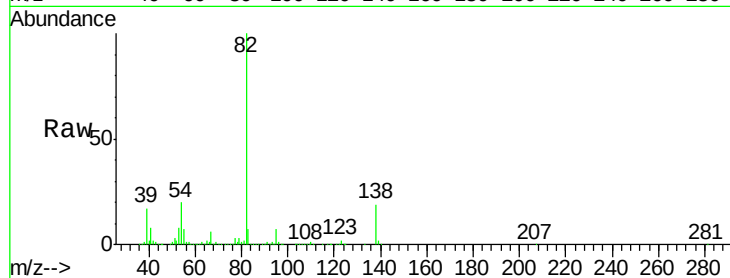
Tgt Ion: 82 Resp: 1880729

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 54.673 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

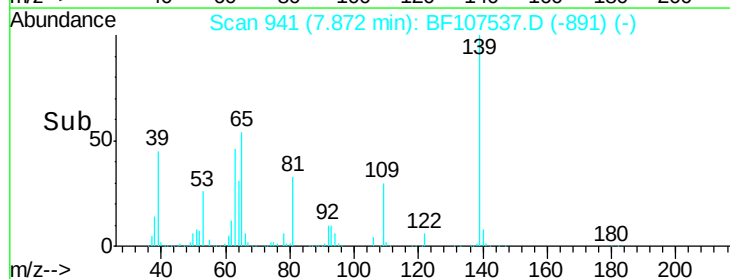
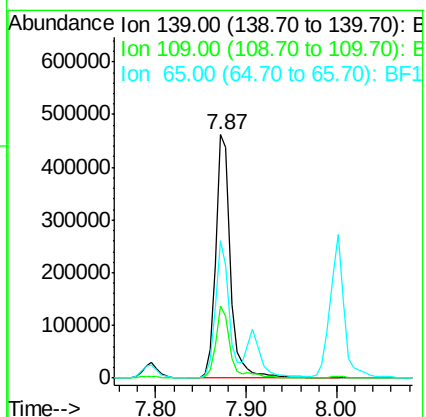
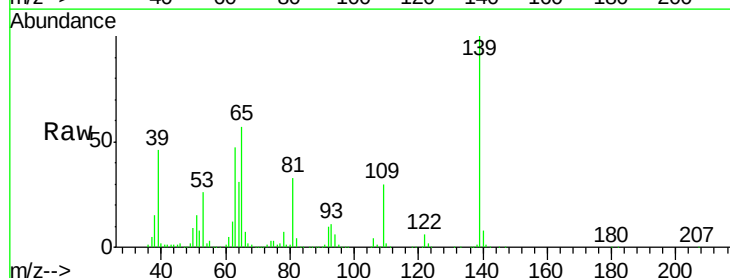
Tgt Ion: 139 Resp: 516611

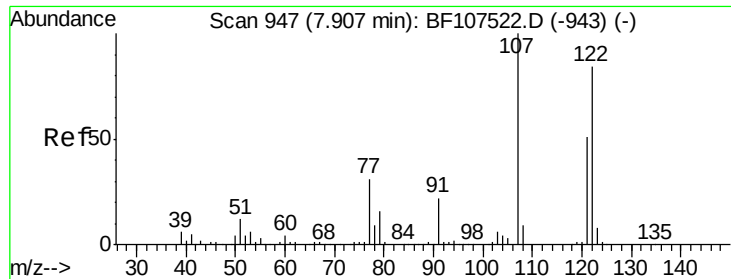
Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

65 56.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 49.560 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

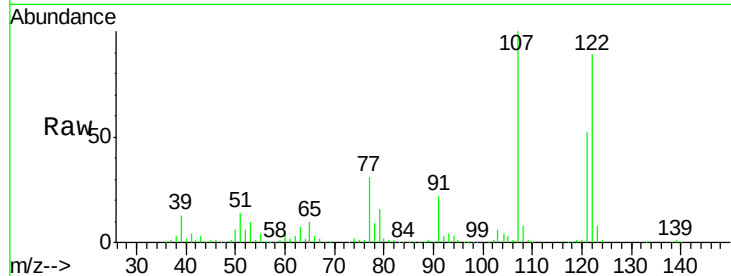
Tgt Ion:122 Resp: 886419

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

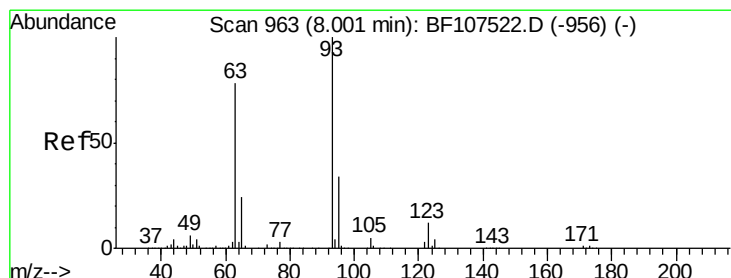
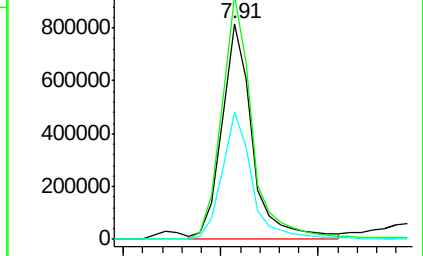
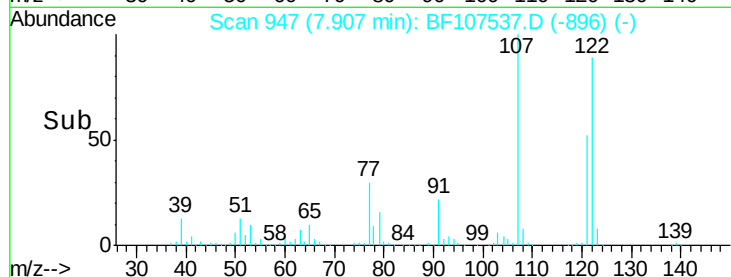
121 58.9 47.2 70.8



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: 43.126 ng

RT: 8.00 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

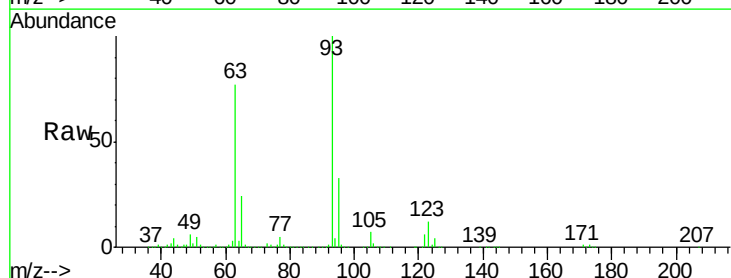
Tgt Ion: 93 Resp: 1202173

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

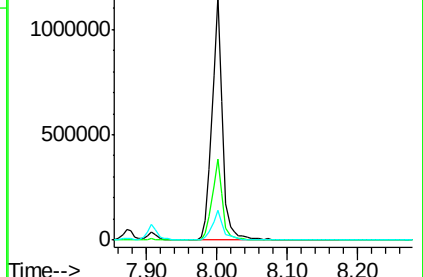
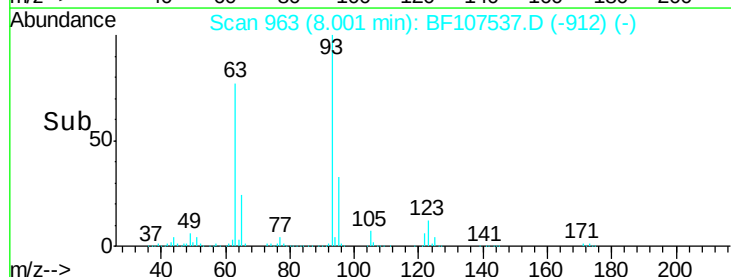
123 12.0 9.8 14.6

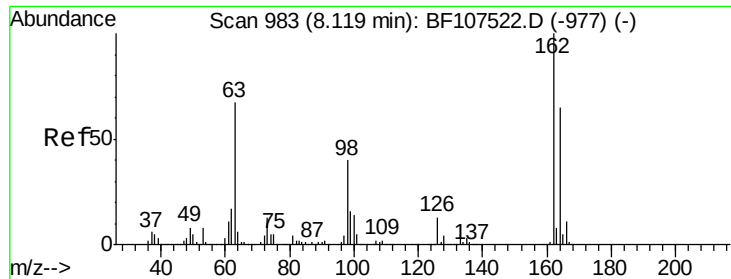


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

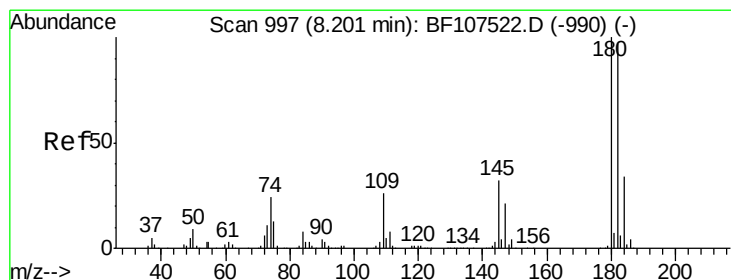
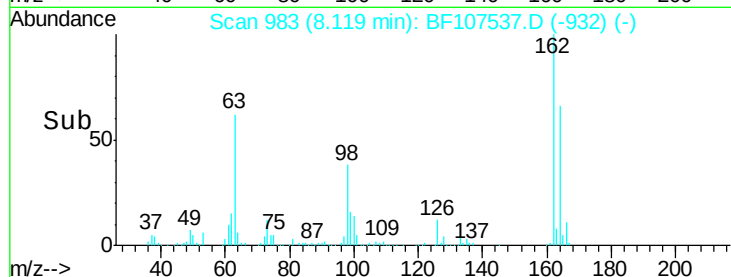
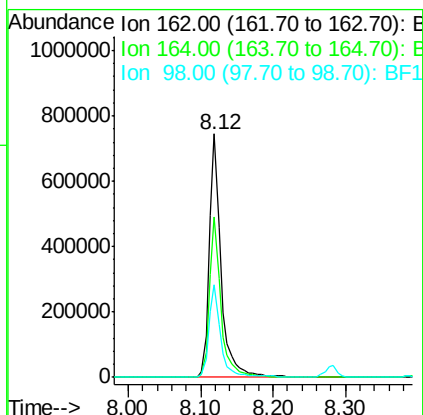
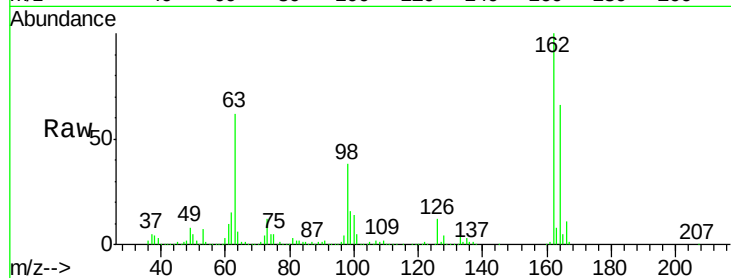




#29  
 2,4-Dichlorophenol  
 Concen: 46.049 ng  
 RT: 8.12 min Scan# 983  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

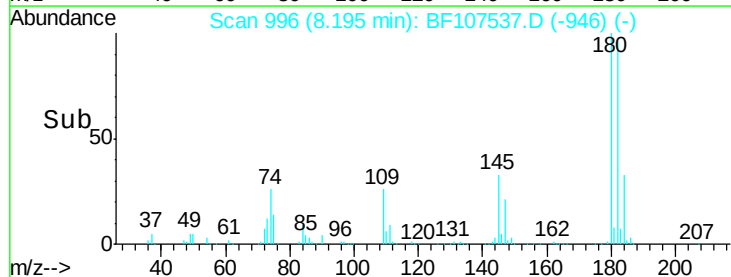
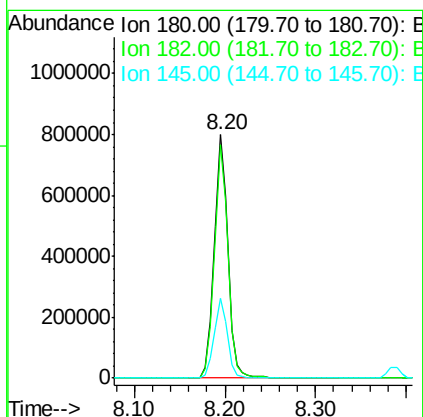
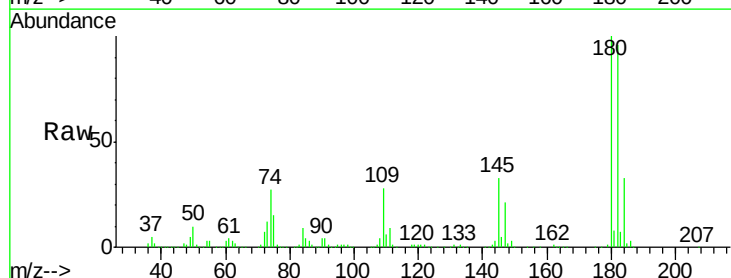
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

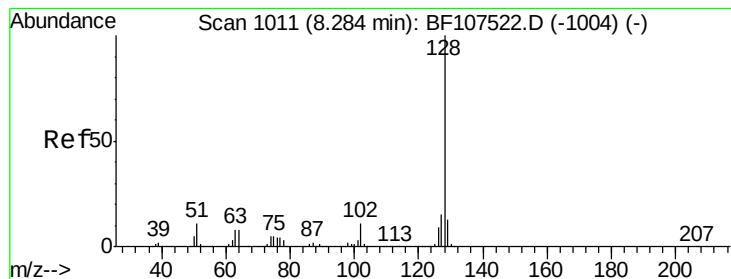
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 42.7  | 82.7  |
| 98      | 37.9  | 18.1  | 58.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.931 ng  
 RT: 8.20 min Scan# 996  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 76.8  | 115.2 |
| 145     | 32.9  | 26.5  | 39.7  |





#31

Naphthalene

Concen: 44.504 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

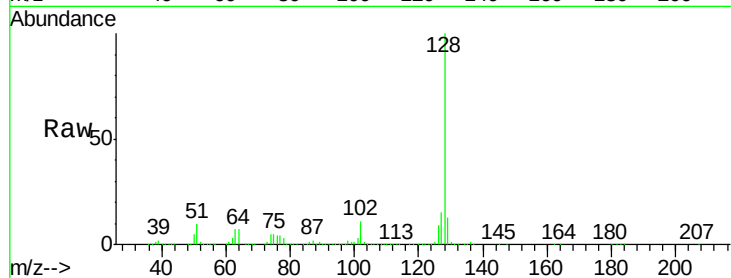
Tgt Ion:128 Resp: 2580150

Ion Ratio Lower Upper

128 100

129 12.6 8.8 13.2

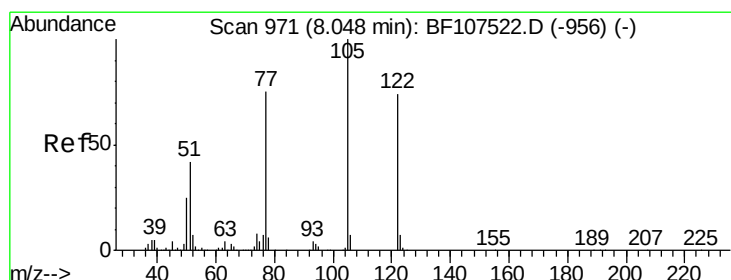
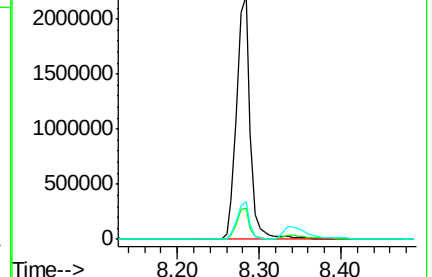
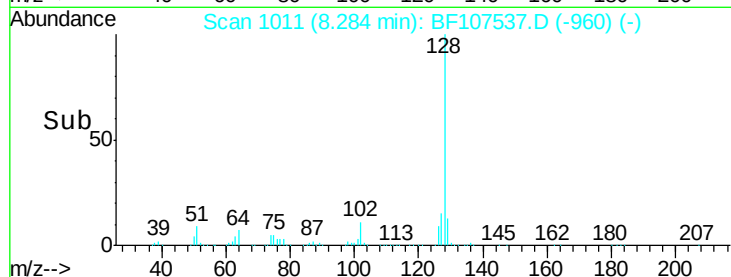
127 15.2 10.9 16.3



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: 31.301 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

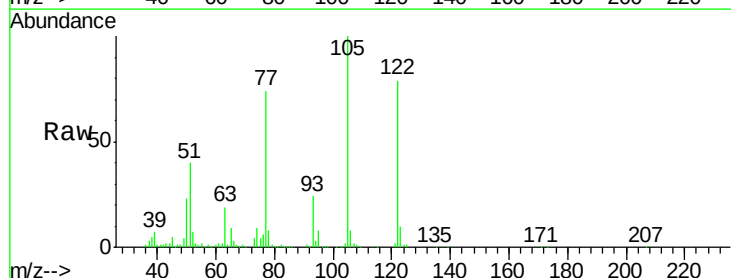
Tgt Ion:122 Resp: 349771

Ion Ratio Lower Upper

122 100

105 126.9 101.1 141.1

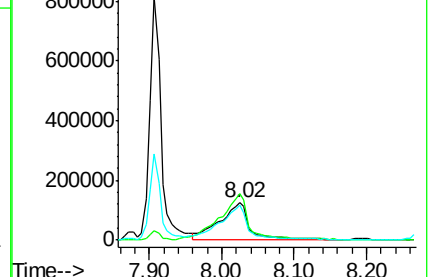
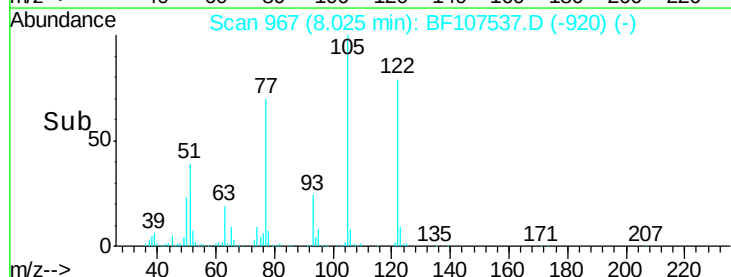
77 93.4 70.7 110.7

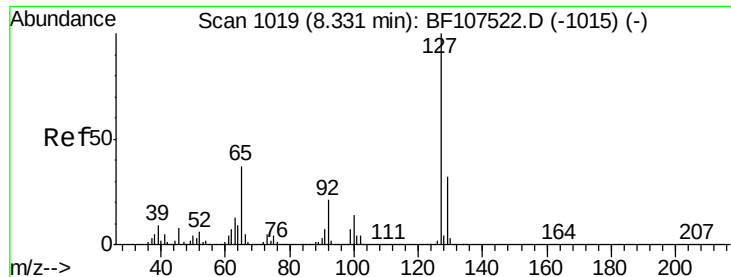


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

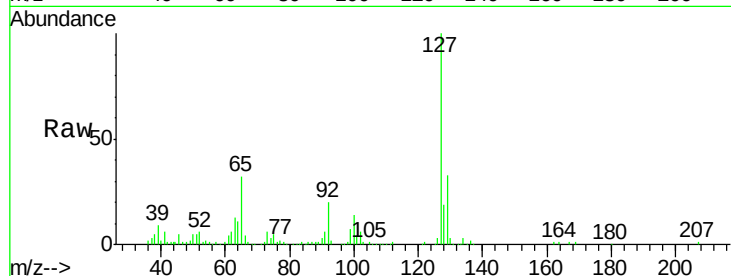




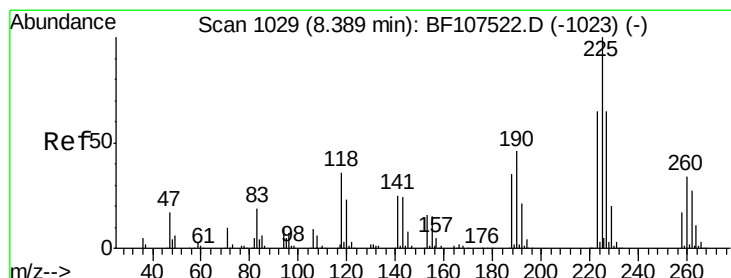
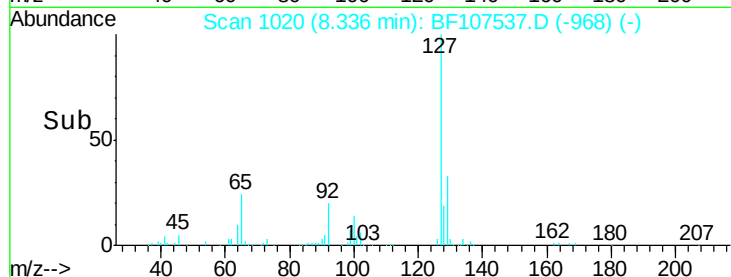
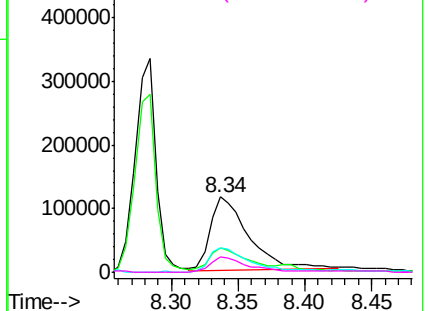
#33  
 4-Chloroaniline  
 Concen: 9.010 ng  
 RT: 8.34 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 228316 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 25.9  | 38.9   |
| 65       | 31.5  | 25.0  | 37.4   |
| 92       | 20.0  | 15.2  | 22.8   |

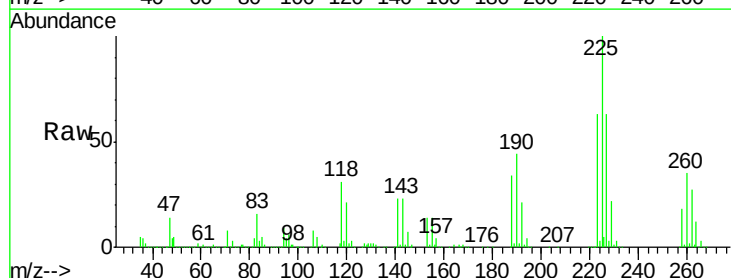


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1

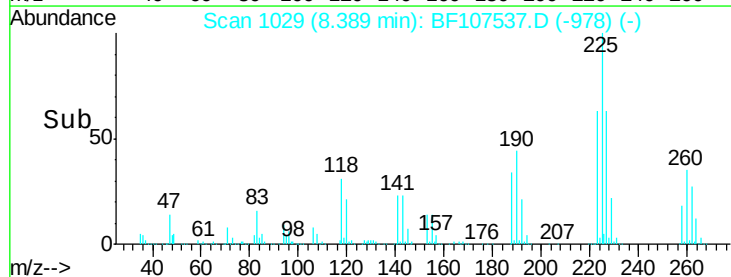
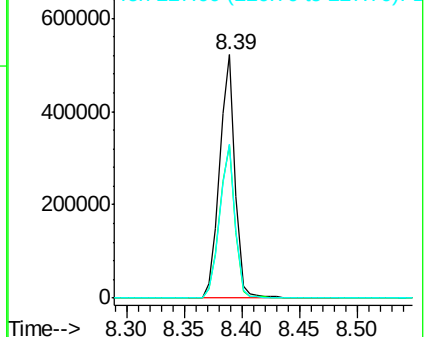


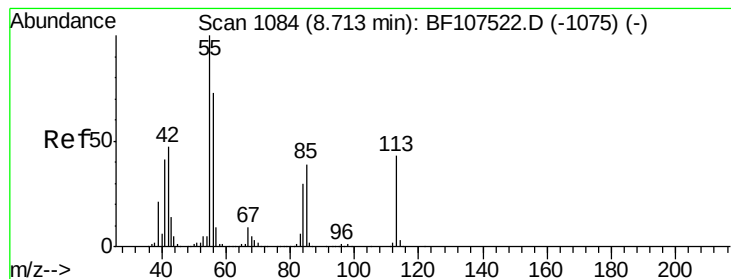
#34  
 Hexachlorobutadiene  
 Concen: 39.772 ng  
 RT: 8.39 min Scan# 1029  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 485245 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.6  | 76.0   |
| 227      | 63.5  | 51.9  | 77.9   |



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





#35

Caprolactam

Concen: 26.119 ng

RT: 8.71 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

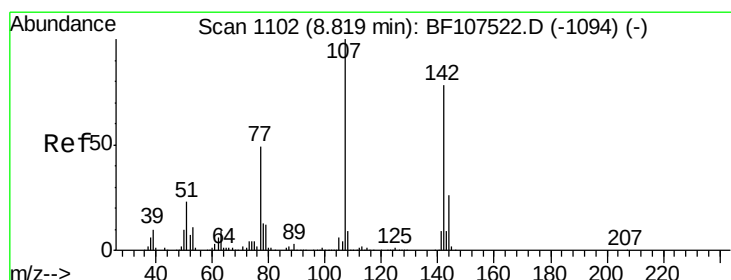
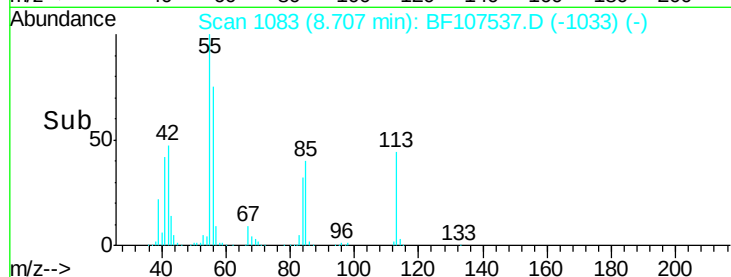
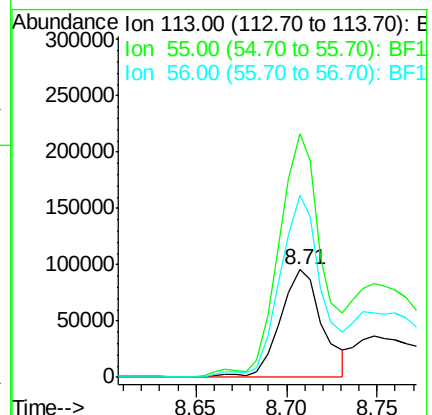
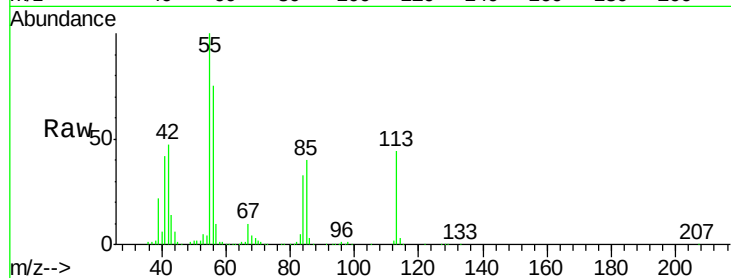
Tgt Ion:113 Resp: 155310

Ion Ratio Lower Upper

113 100

55 226.2 163.3 203.3#

56 168.9 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 45.428 ng

RT: 8.82 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

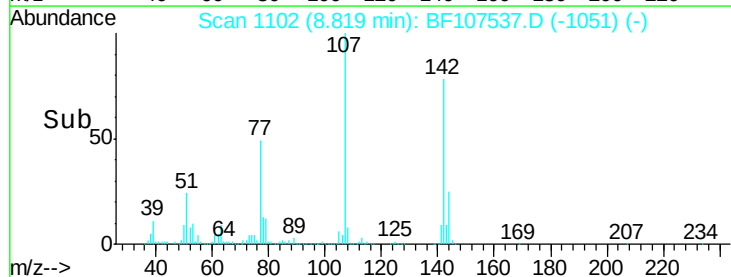
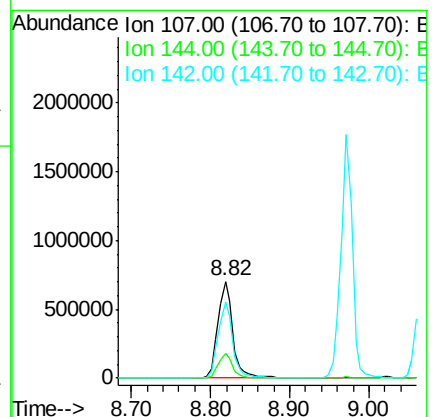
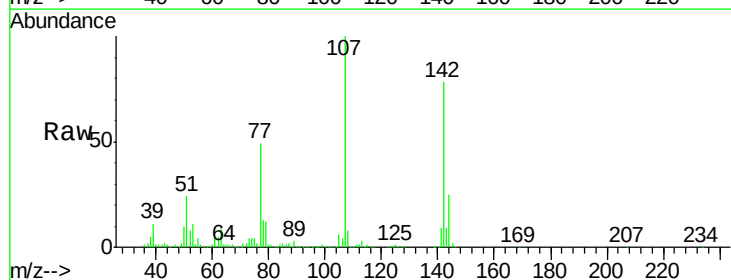
Tgt Ion:107 Resp: 922510

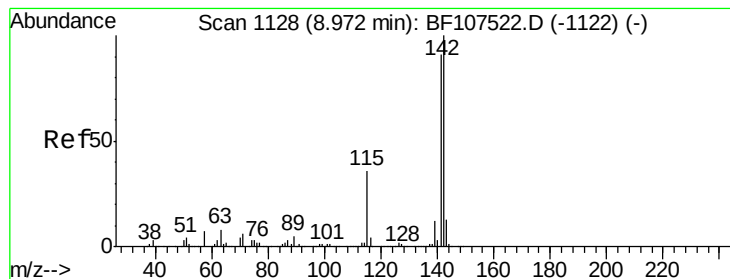
Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

142 78.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 44.940 ng

RT: 8.97 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

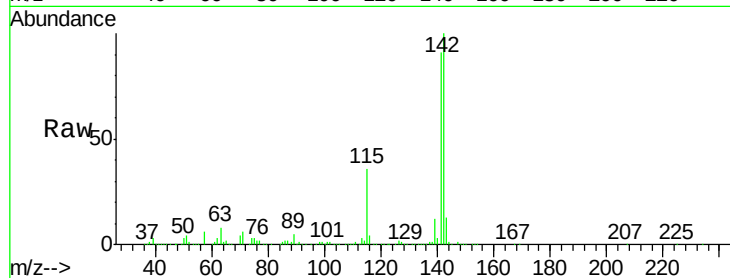
Tgt Ion:142 Resp: 1805495

Ion Ratio Lower Upper

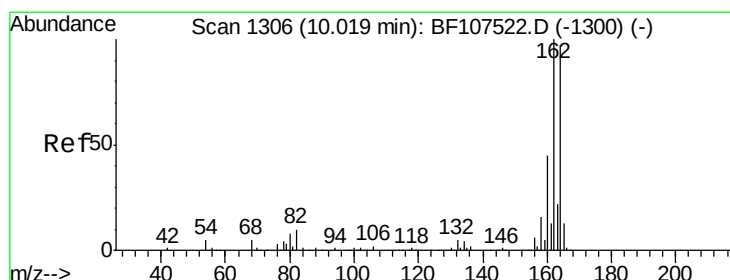
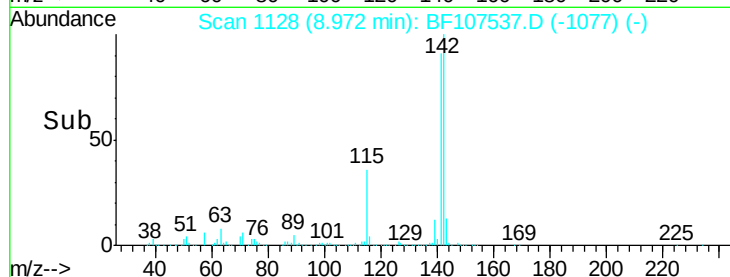
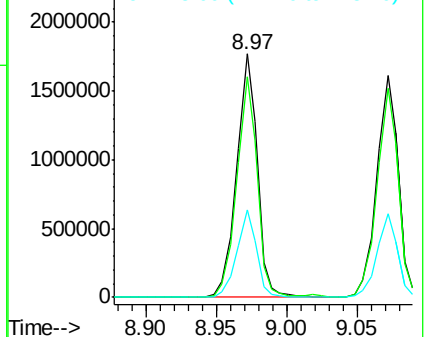
142 100

141 90.9 70.8 106.2

115 36.0 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

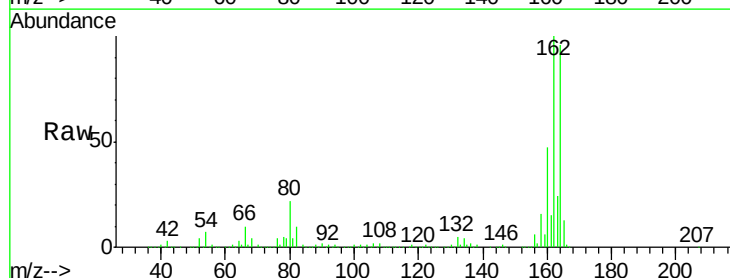
Tgt Ion:164 Resp: 595161

Ion Ratio Lower Upper

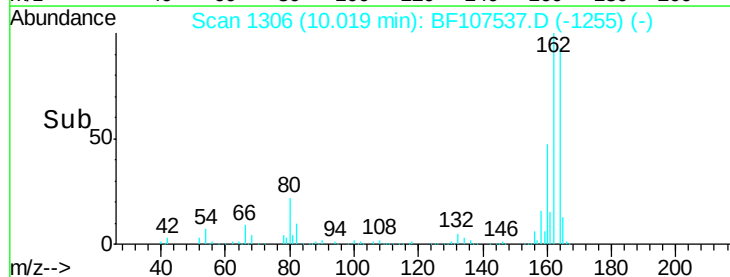
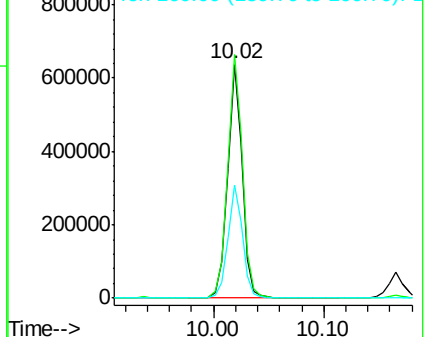
164 100

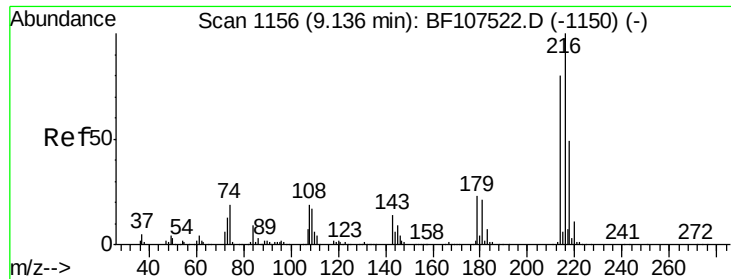
162 104.1 86.1 129.1

160 48.5 38.3 57.5



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

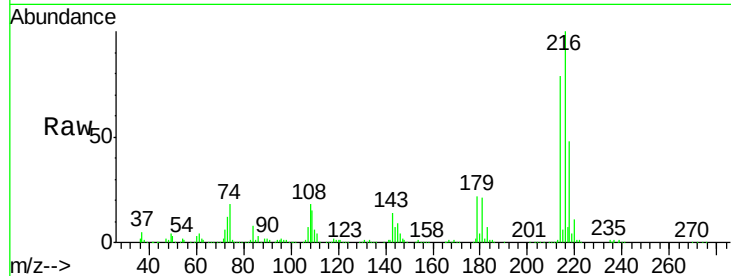




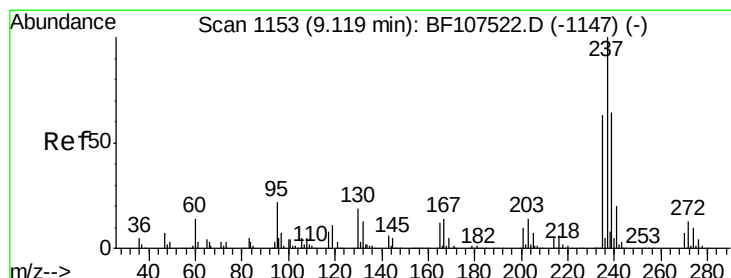
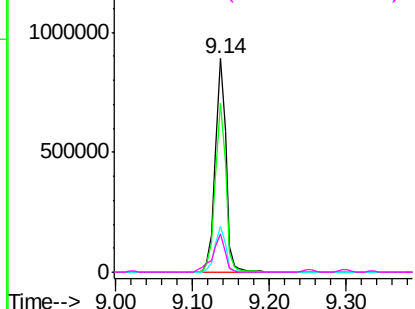
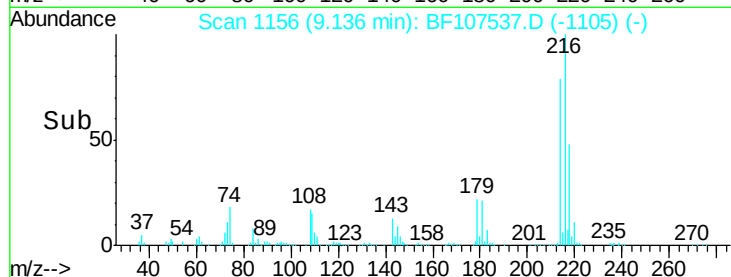
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.114 ng  
 RT: 9.14 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 836017 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.5  | 63.0  | 94.4   |
| 179      | 21.5  | 18.1  | 27.1   |
| 108      | 20.6  | 17.2  | 25.8   |

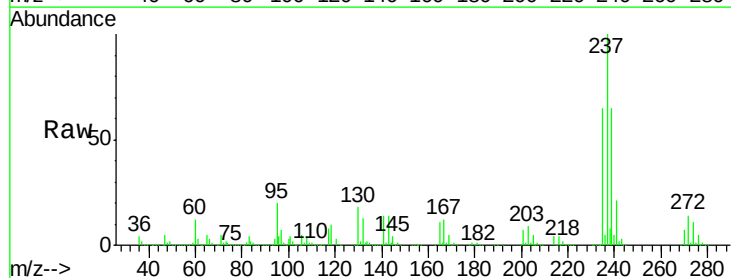


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

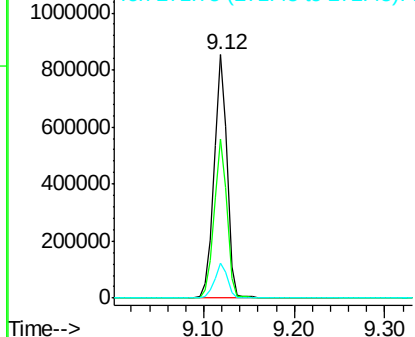
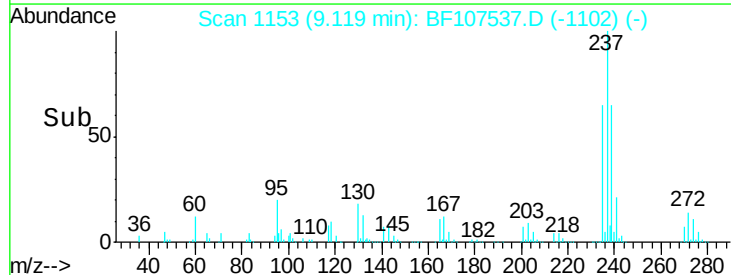


#40  
 Hexachlorocyclopentadiene  
 Concen: 84.012 ng  
 RT: 9.12 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

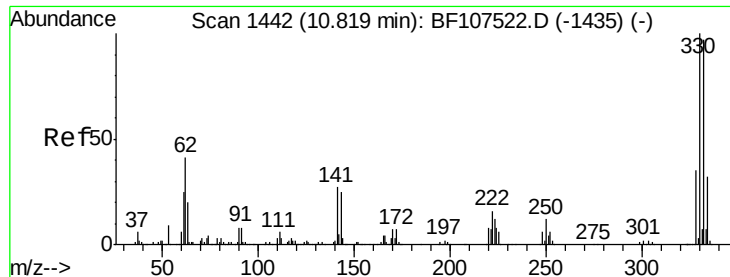
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 847777 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 65.2  | 44.8  | 84.8   |
| 272      | 14.4  | 0.0   | 33.3   |



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



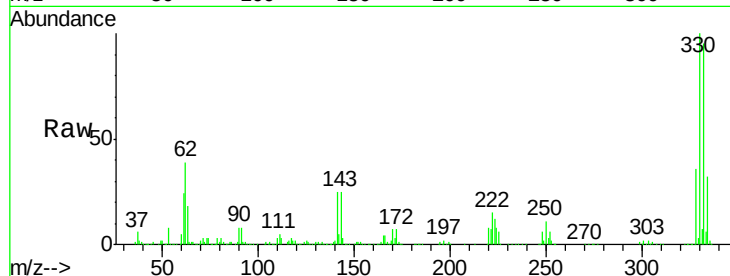




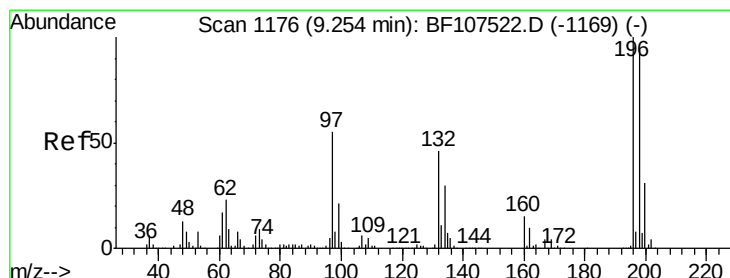
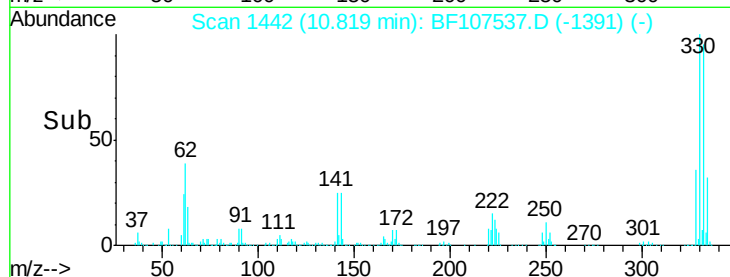
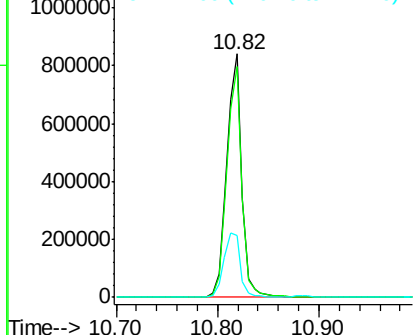
#41  
 2,4,6-Tribromophenol  
 Concen: 127.451 ng  
 RT: 10.82 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

Tgt Ion:330 Resp: 862575  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 77.0 115.6  
 141 29.4 29.9 44.9#

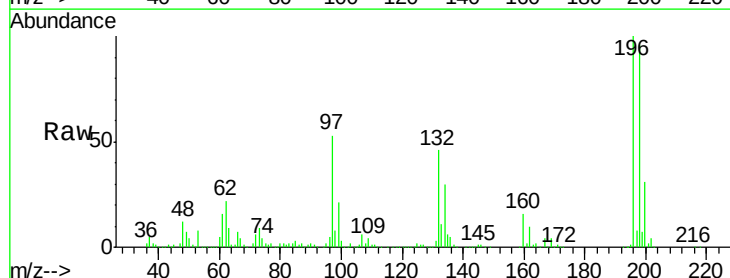


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

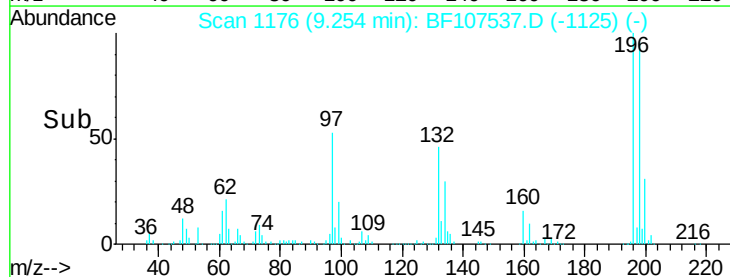
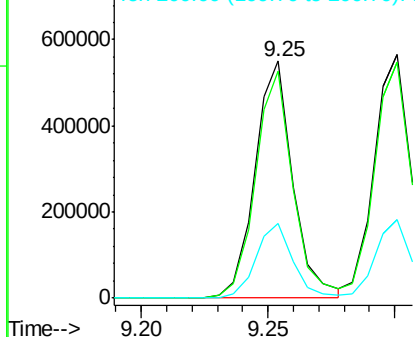


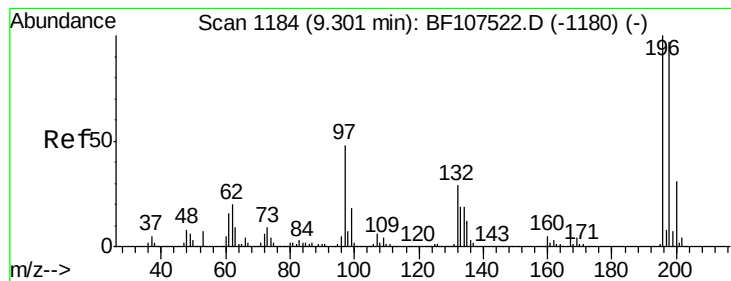
#42  
 2,4,6-Trichlorophenol  
 Concen: 45.211 ng  
 RT: 9.25 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:196 Resp: 574472  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 75.7 113.5  
 200 31.5 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 46.597 ng

RT: 9.30 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

Tgt Ion:196 Resp: 618811

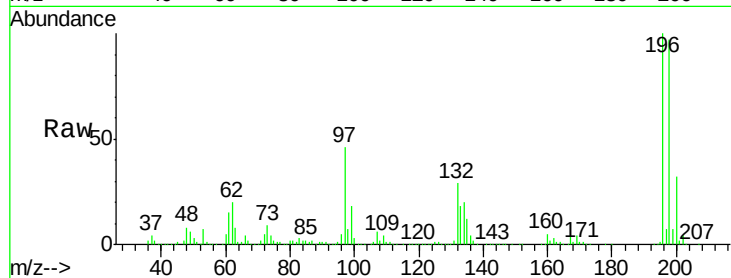
Ion Ratio Lower Upper

196 100

198 96.7 74.6 112.0

97 46.0 42.9 64.3

132 29.1 26.3 39.5

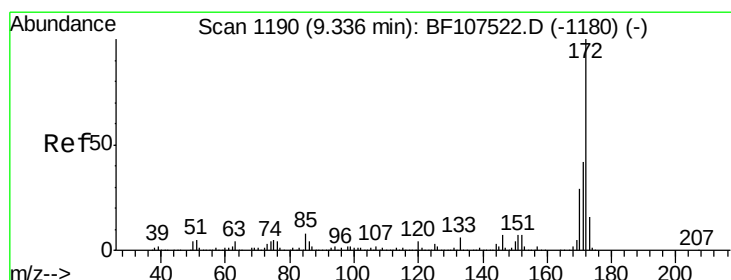
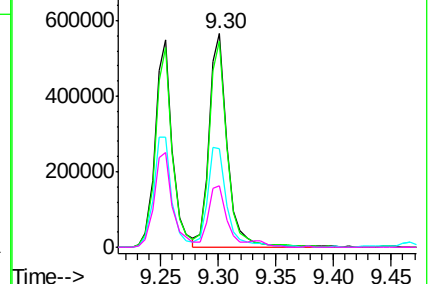
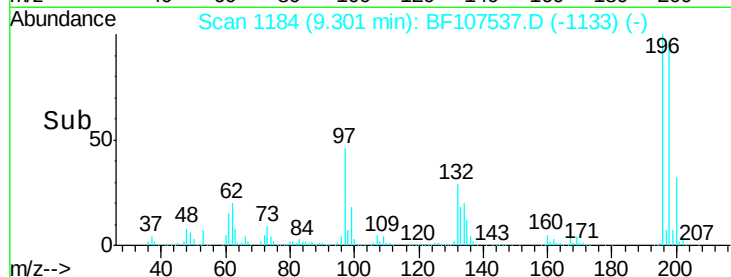


Abundance Ion 196.00 (195.70 to 196.70): E

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: 85.224 ng

RT: 9.34 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

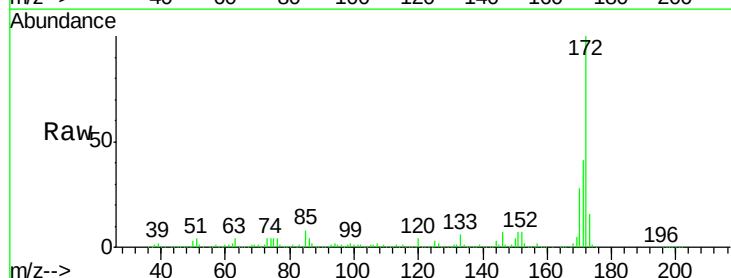
Tgt Ion:172 Resp: 2959522

Ion Ratio Lower Upper

172 100

171 41.4 29.7 44.5

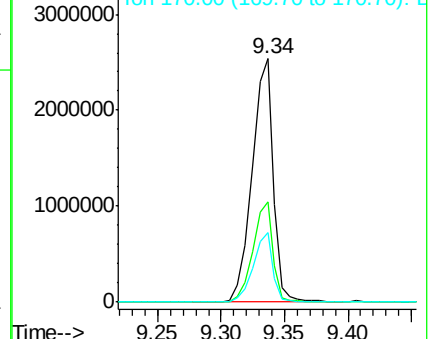
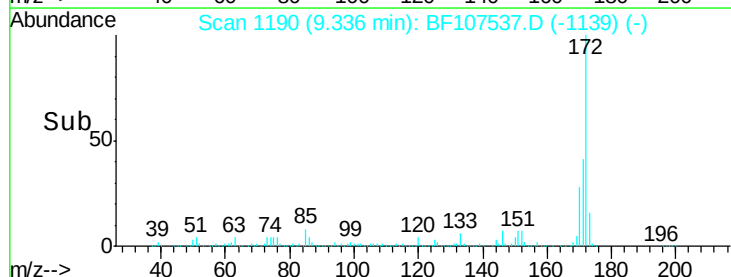
170 28.4 19.6 29.4

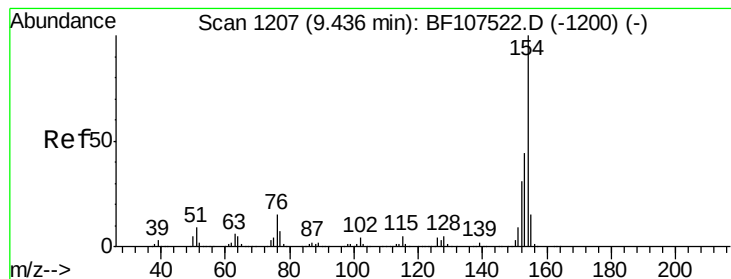


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.923 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

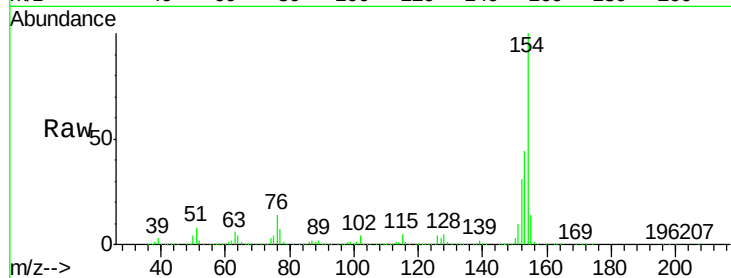
Tgt Ion:154 Resp: 2121693

Ion Ratio Lower Upper

154 100

153 44.5 21.3 61.3

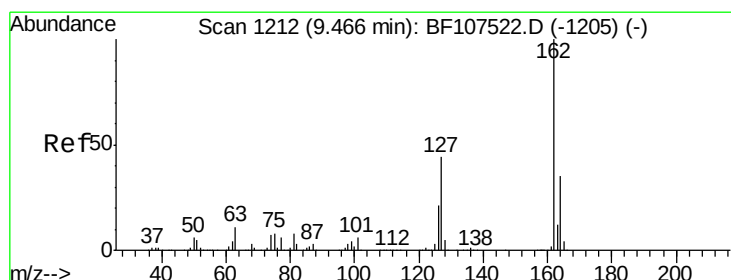
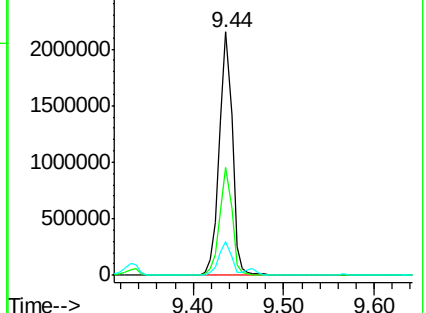
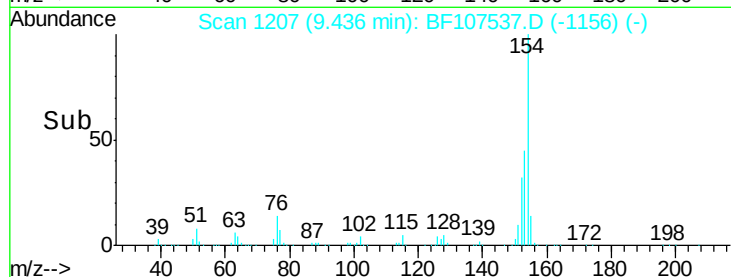
76 14.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.714 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

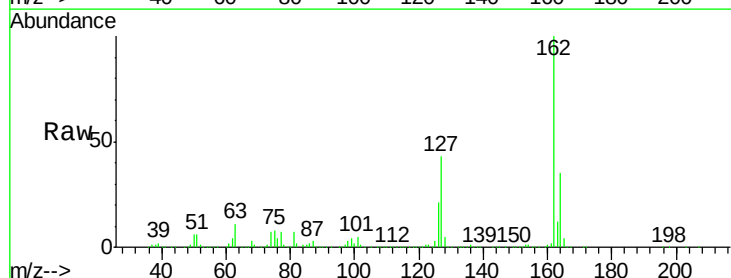
Tgt Ion:162 Resp: 1613463

Ion Ratio Lower Upper

162 100

127 43.0 33.9 50.9

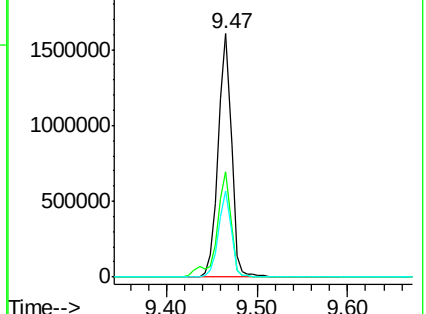
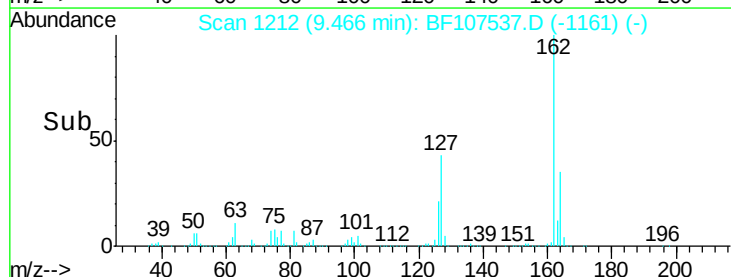
164 35.2 26.5 39.7

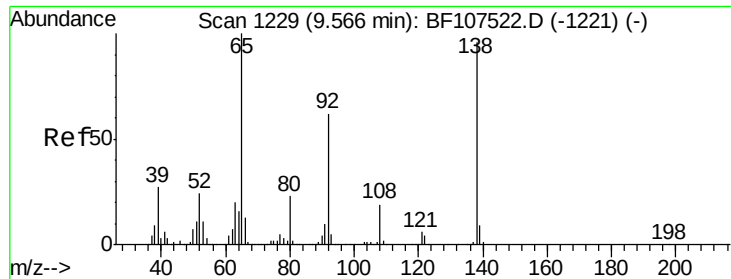


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

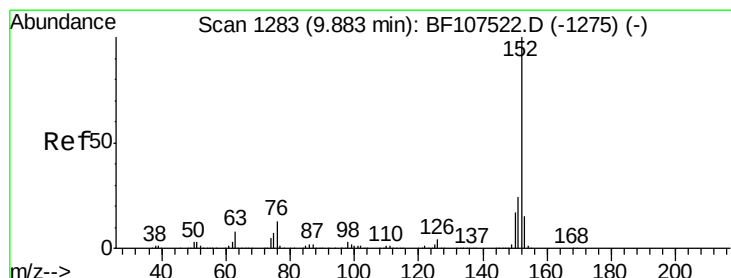
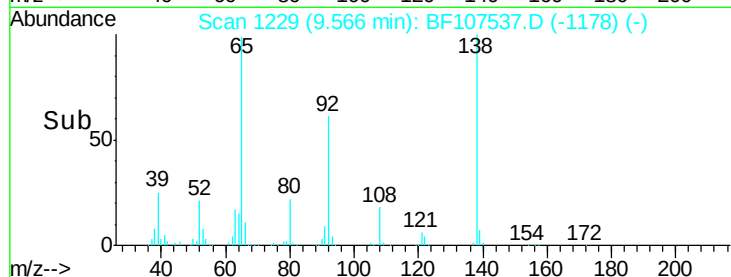
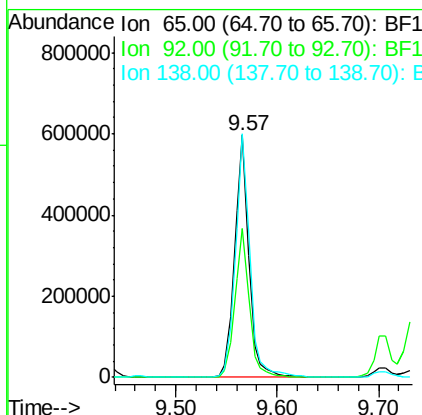
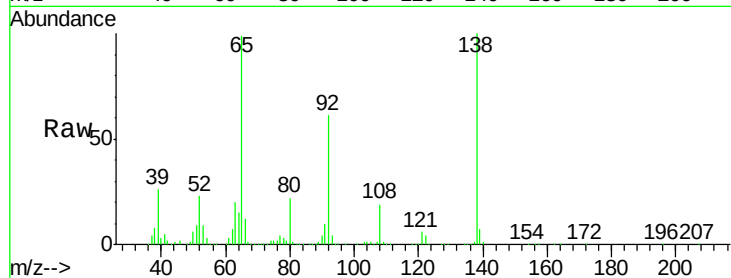




#47  
2-Nitroaniline  
Concen: 50.914 ng  
RT: 9.57 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

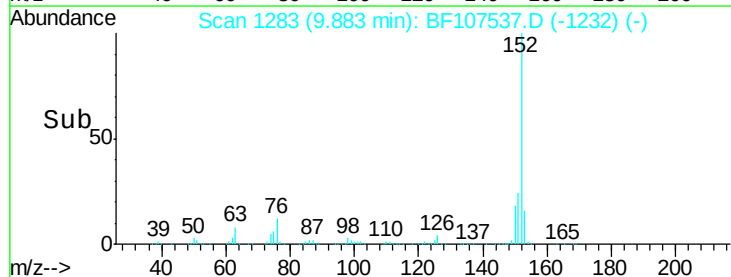
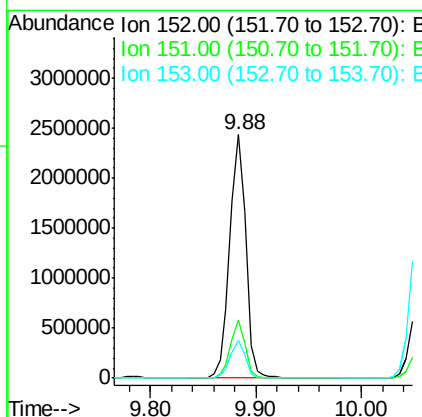
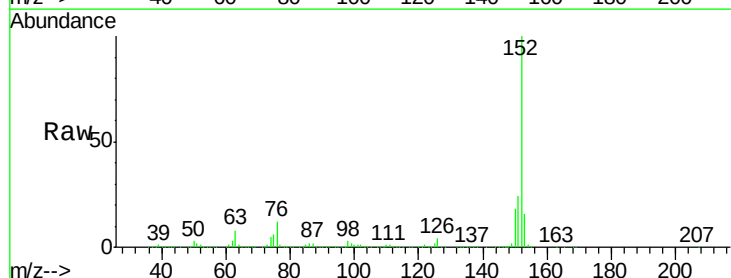
Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

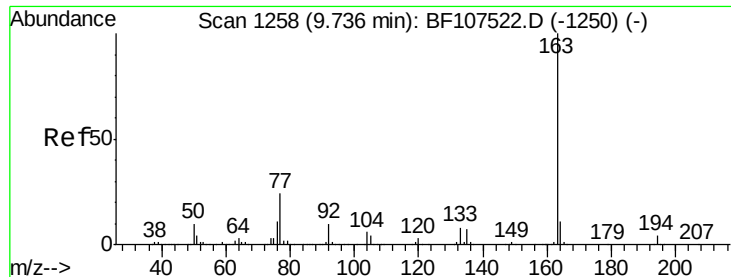
Tgt Ion: 65 Resp: 588223  
Ion Ratio Lower Upper  
65 100  
92 61.7 55.8 83.6  
138 100.6 91.2 136.8



#48  
Acenaphthylene  
Concen: 43.169 ng  
RT: 9.88 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion: 152 Resp: 2569911  
Ion Ratio Lower Upper  
152 100  
151 24.0 16.3 24.5  
153 15.6 10.7 16.1

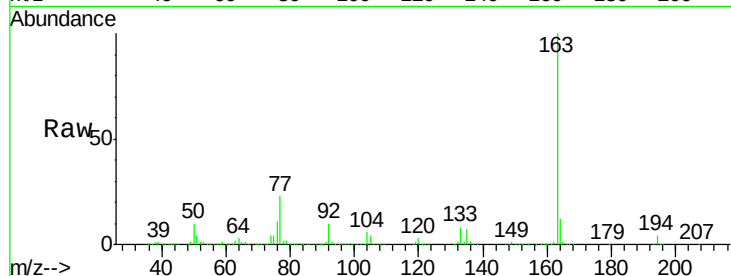




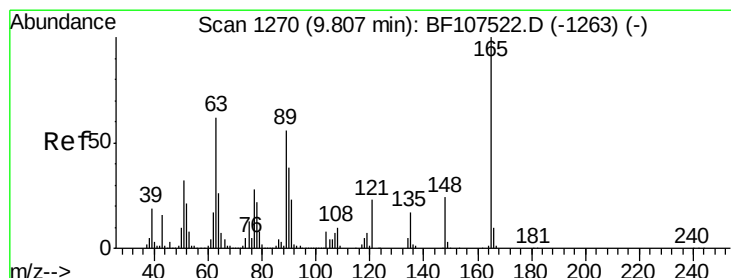
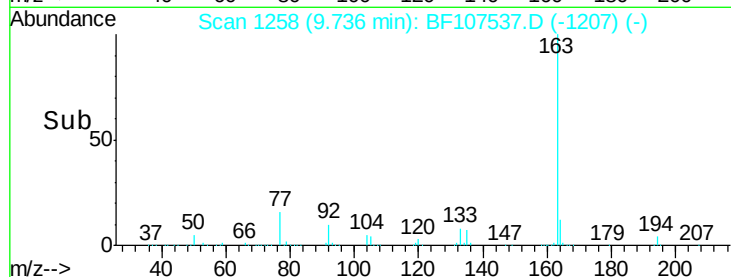
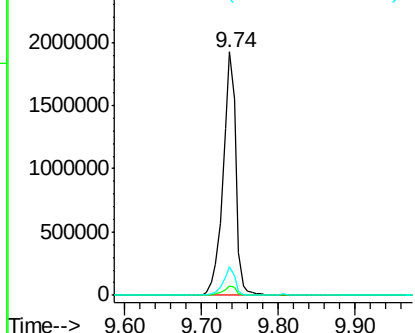
#49  
Dimethylphthalate  
Concen: 49.310 ng  
RT: 9.74 min Scan# 1258  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

Tgt Ion:163 Resp: 2211812  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.7 4.1  
164 11.6 8.2 12.2

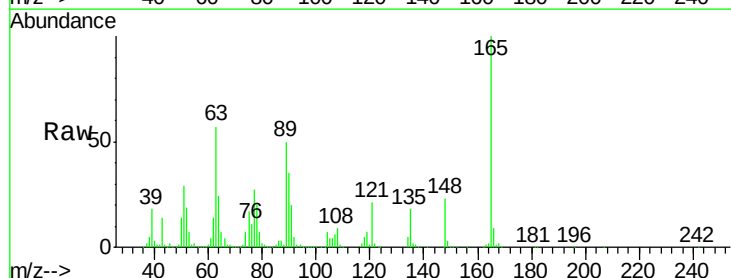


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

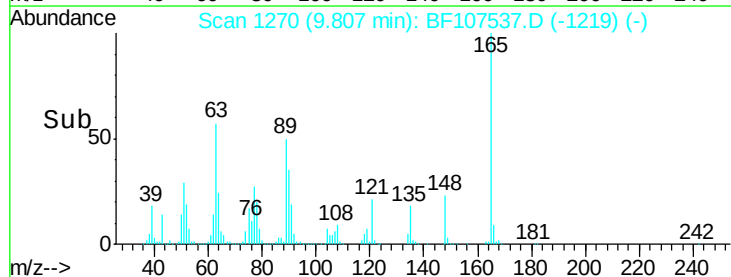
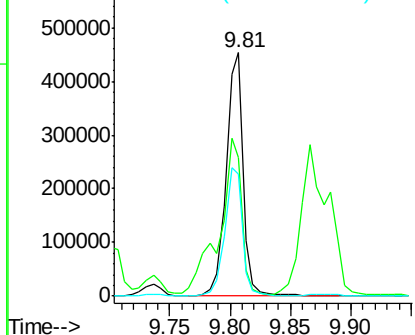


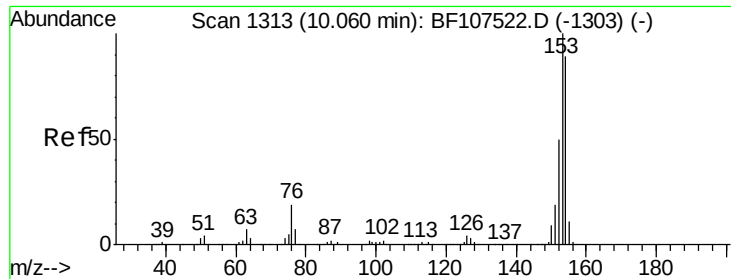
#50  
2,6-Dinitrotoluene  
Concen: 49.278 ng  
RT: 9.81 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion:165 Resp: 438849  
Ion Ratio Lower Upper  
165 100  
63 56.8 44.7 67.1  
89 50.1 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: 40.465 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

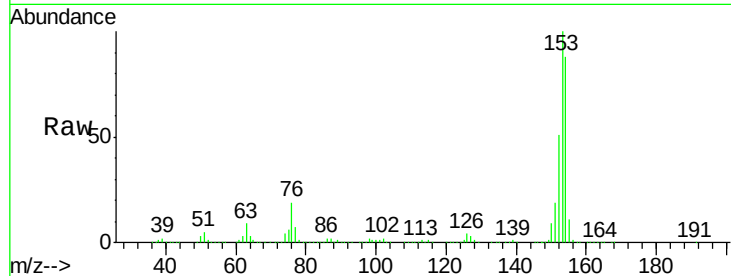
Tgt Ion:154 Resp: 1509304

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

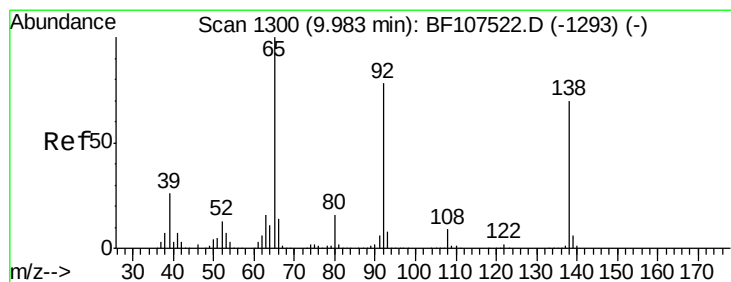
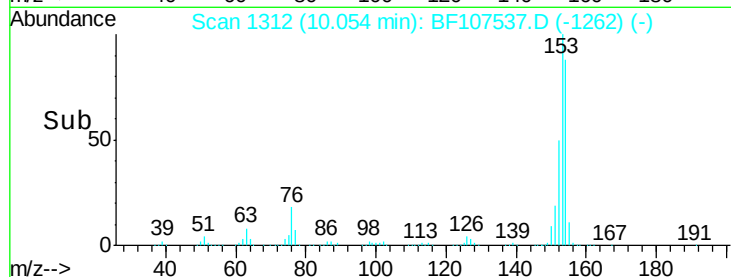
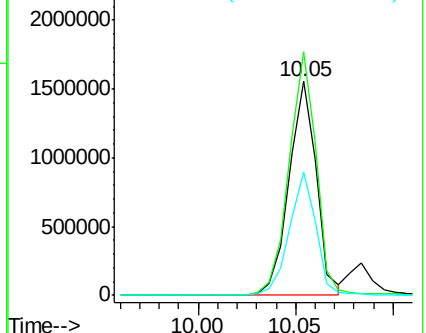
152 57.5 43.8 65.8



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: 25.041 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

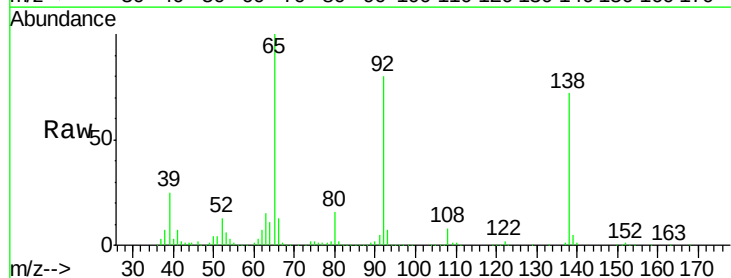
Tgt Ion:138 Resp: 271296

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

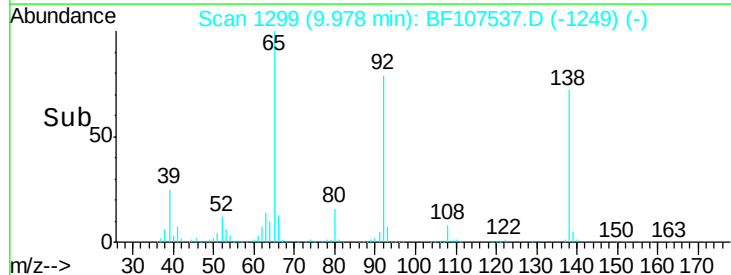
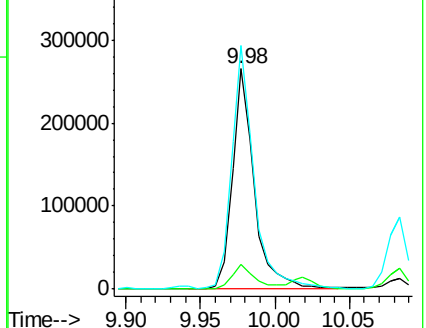
92 110.5 89.4 134.2

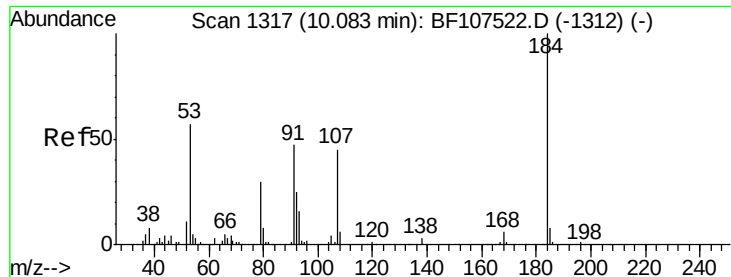


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

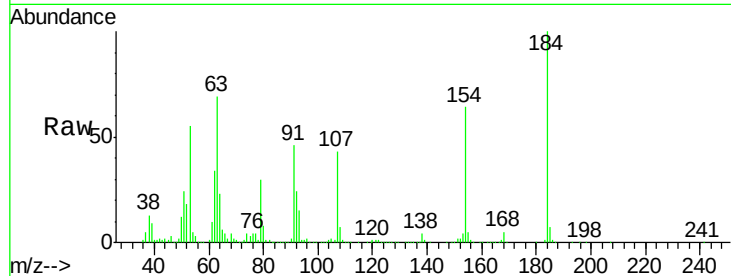




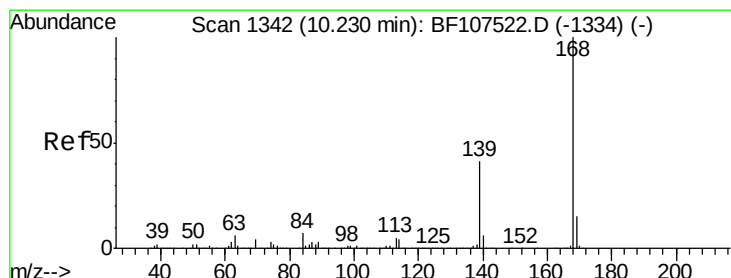
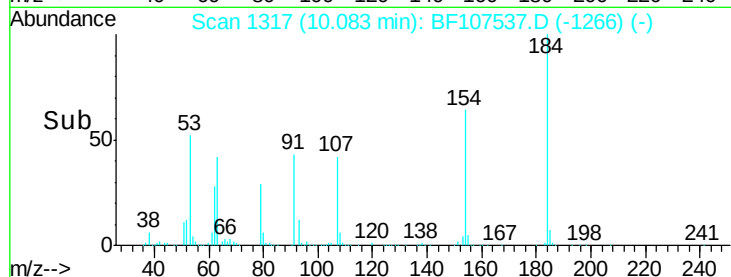
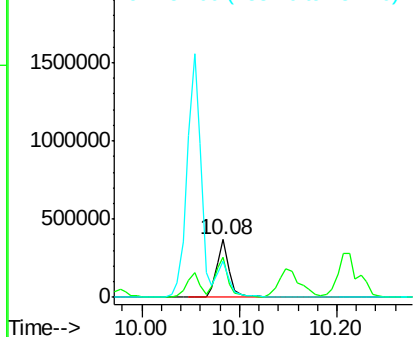
#53  
2,4-Dinitrophenol  
Concen: 79.766 ng  
RT: 10.08 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

Tgt Ion:184 Resp: 334650  
Ion Ratio Lower Upper  
184 100  
63 68.7 54.2 81.2  
154 64.0 184.0 276.0#

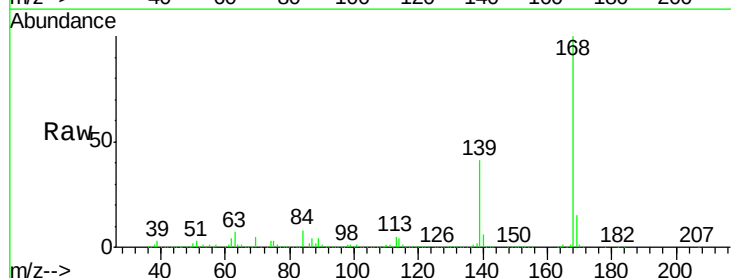


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

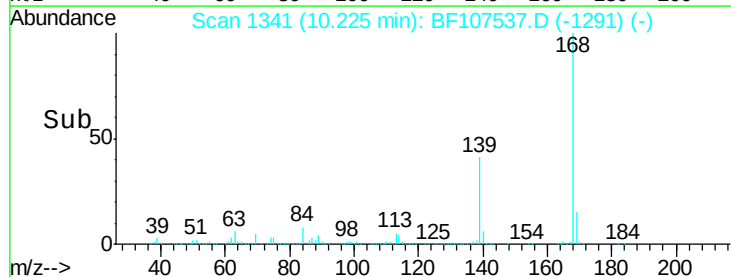
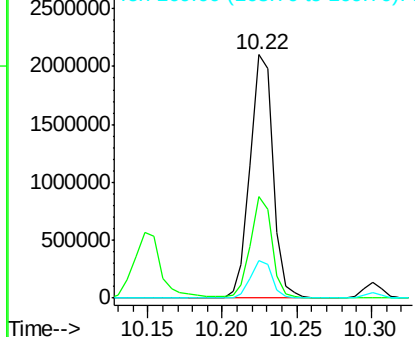


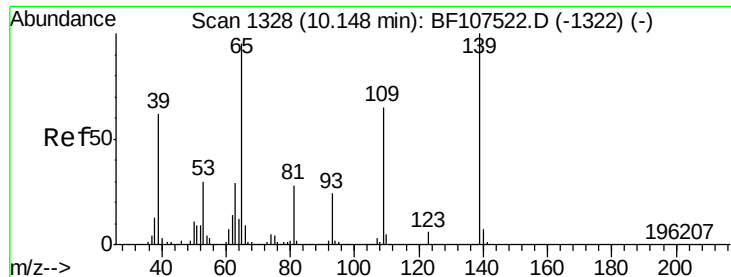
#54  
Dibenzofuran  
Concen: 40.711 ng  
RT: 10.22 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion:168 Resp: 2235504  
Ion Ratio Lower Upper  
168 100  
139 41.5 30.1 45.1  
169 15.3 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

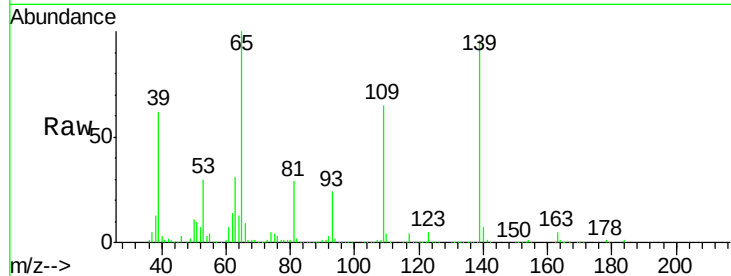




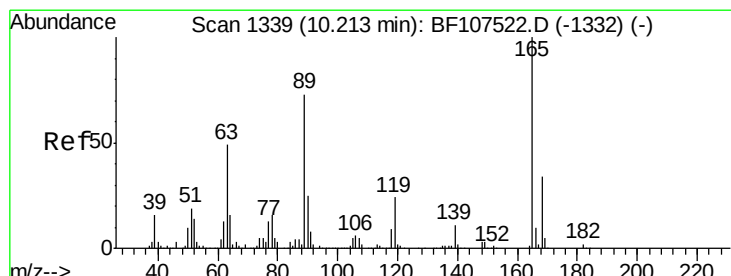
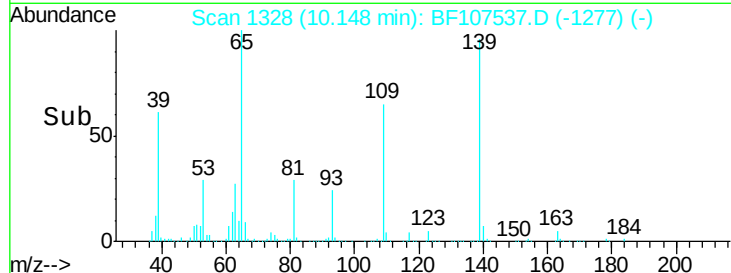
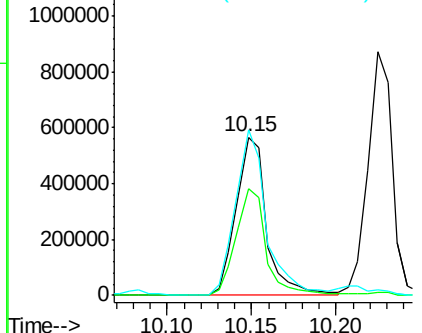
#55  
4-Nitrophenol  
Concen: 88.040 ng  
RT: 10.15 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

Tgt Ion:139 Resp: 714139  
Ion Ratio Lower Upper  
139 100  
109 67.4 48.4 88.4  
65 104.4 72.6 112.6



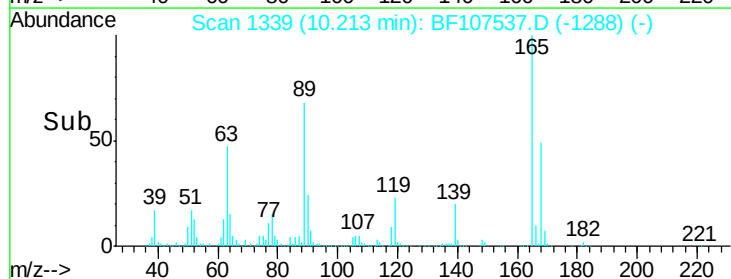
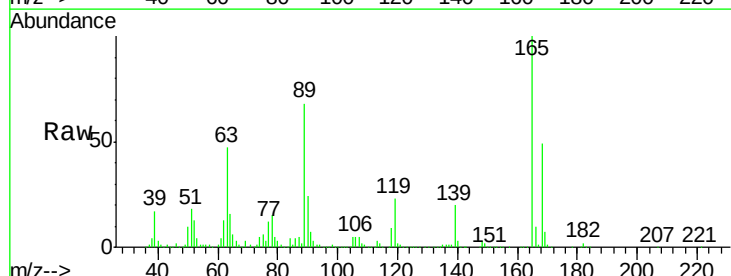
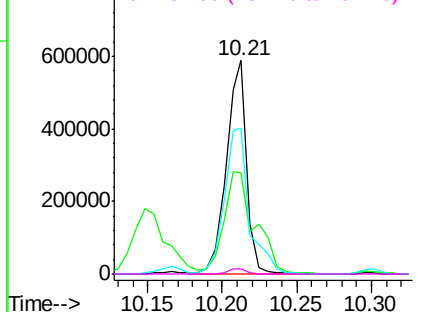
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1



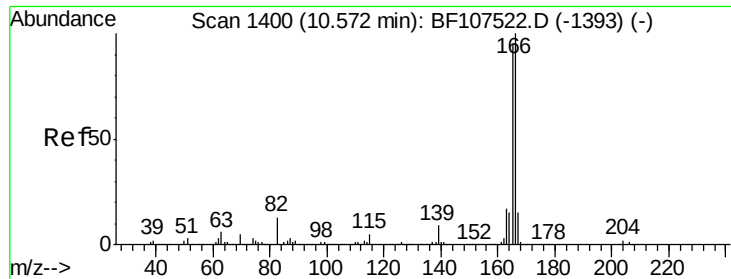
#56  
2,4-Dinitrotoluene  
Concen: 52.299 ng  
RT: 10.21 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion:165 Resp: 562211  
Ion Ratio Lower Upper  
165 100  
63 47.4 36.4 54.6  
89 68.1 57.8 86.6  
182 2.2 1.6 2.4

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



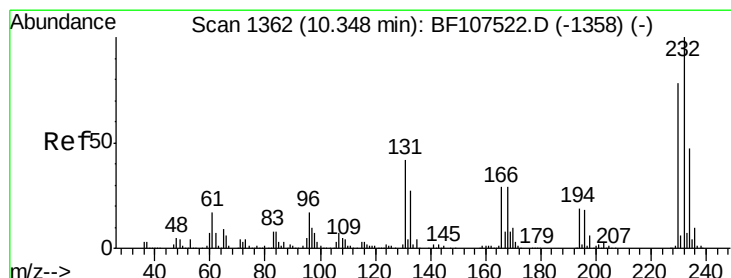
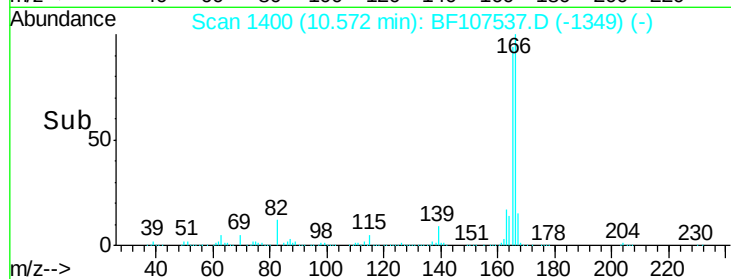
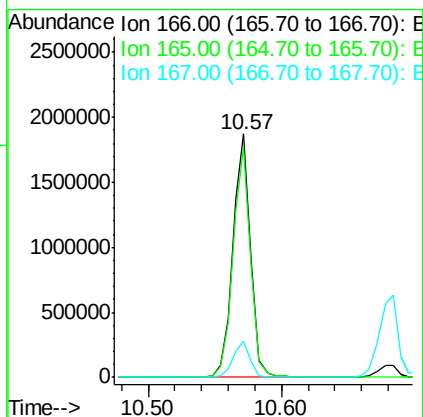
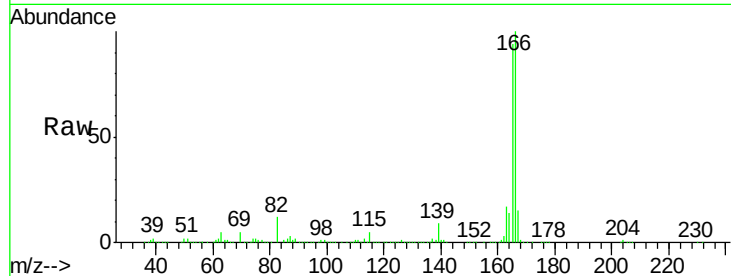




#57  
 Fluorene  
 Concen: 44.247 ng  
 RT: 10.57 min Scan# 1400  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

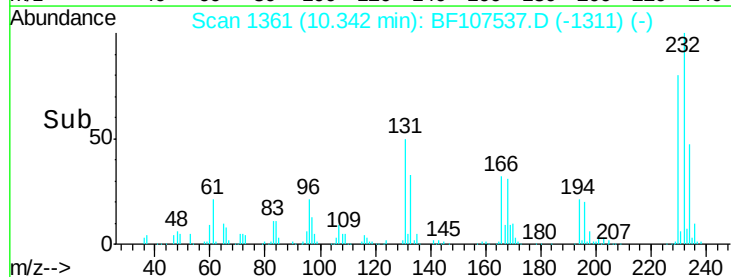
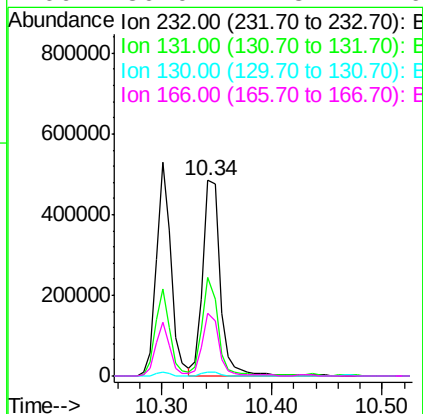
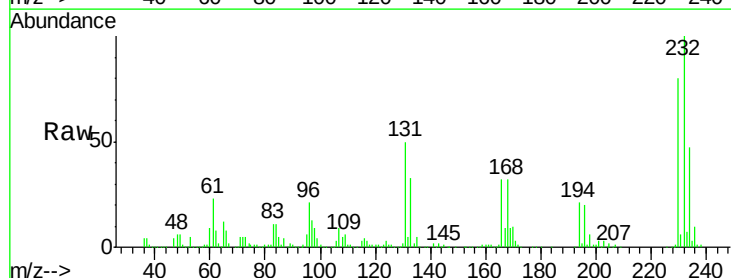
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

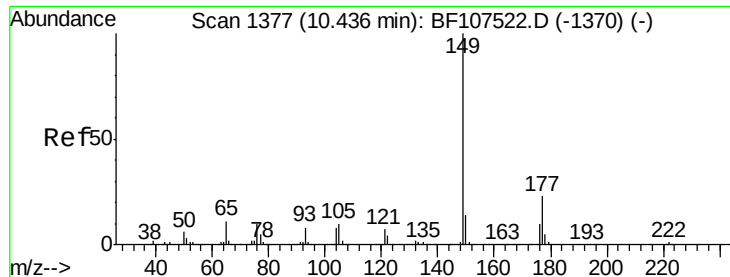
Tgt Ion:166 Resp: 1733372  
 Ion Ratio Lower Upper  
 166 100  
 165 94.5 79.8 119.8  
 167 14.7 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.050 ng  
 RT: 10.34 min Scan# 1361  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:232 Resp: 520009  
 Ion Ratio Lower Upper  
 232 100  
 131 44.9 43.8 65.8  
 130 1.9 2.1 3.1#  
 166 30.0 27.8 41.6

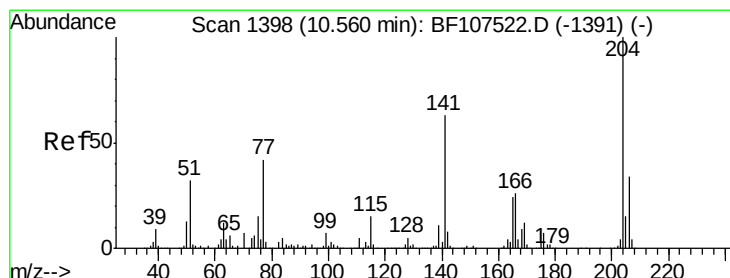
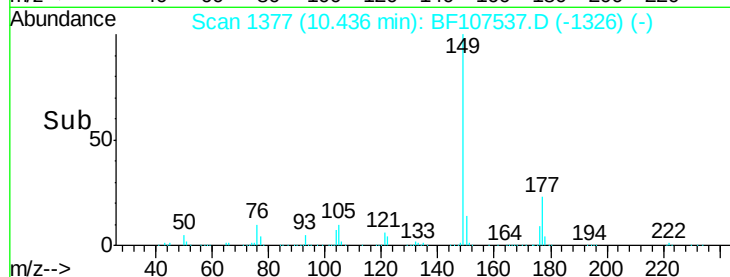
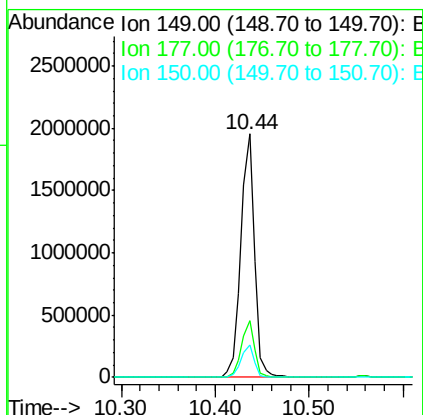
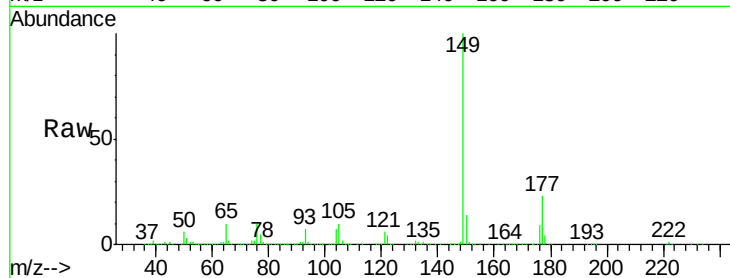




#59  
Diethylphthalate  
Concen: 42.309 ng  
RT: 10.44 min Scan# 1377  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

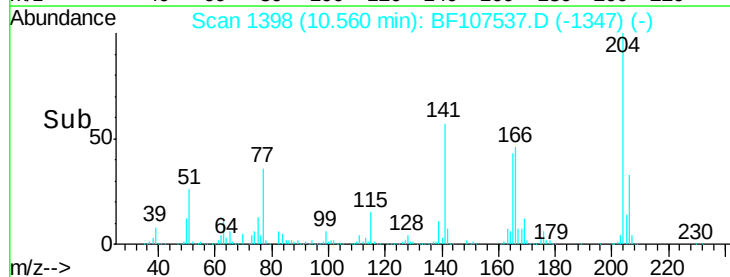
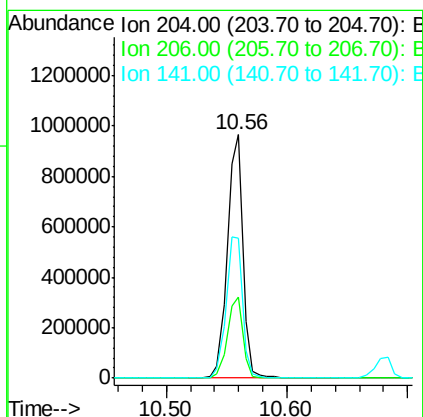
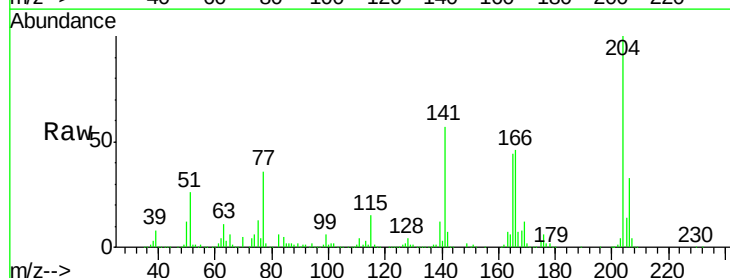
Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

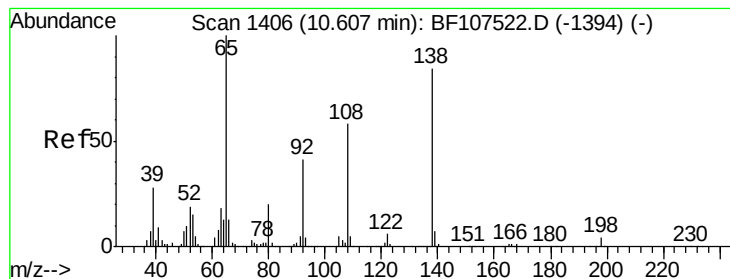
Tgt Ion:149 Resp: 1982033  
Ion Ratio Lower Upper  
149 100  
177 23.3 16.1 24.1  
150 13.5 10.1 15.1



#60  
4-Chlorophenyl-phenylether  
Concen: 38.902 ng  
RT: 10.56 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion:204 Resp: 861567  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.5 39.7  
141 57.3 54.6 81.8





#61

4-Nitroaniline

Concen: 49.325 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

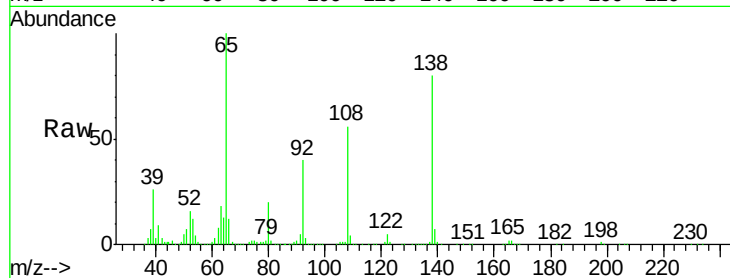
Tgt Ion:138 Resp: 448976

Ion Ratio Lower Upper

138 100

92 50.5 30.2 70.2

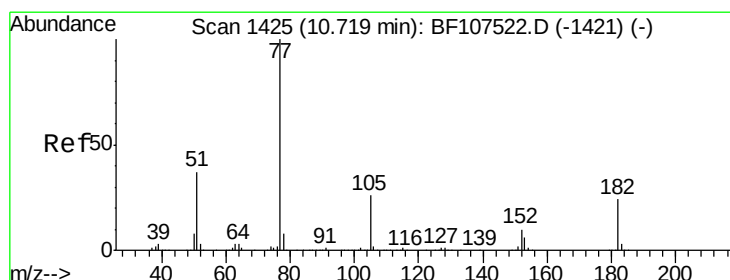
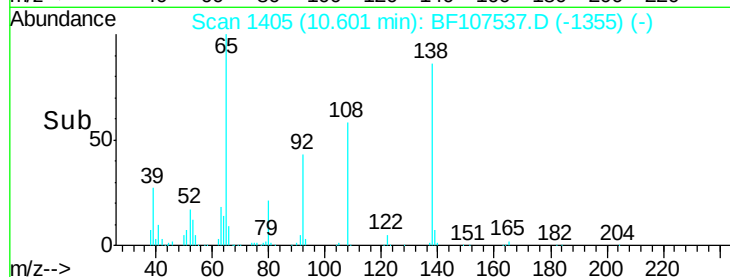
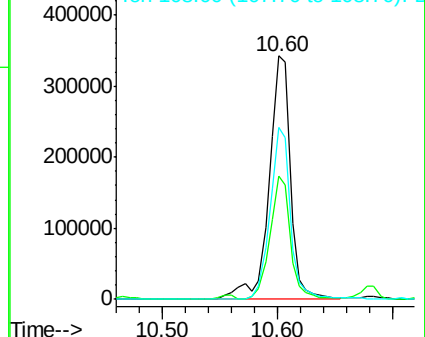
108 70.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.803 ng

RT: 10.72 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion: 77 Resp: 1792345

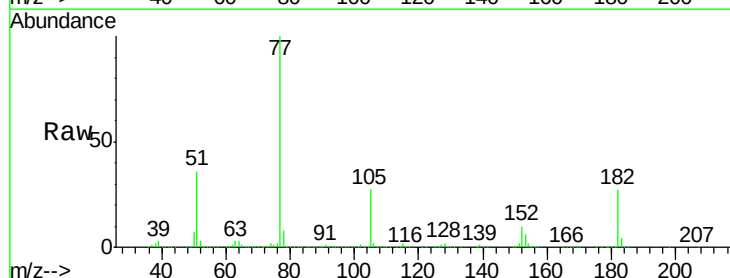
Ion Ratio Lower Upper

77 100

182 26.7 1.7 41.7

105 26.7 3.0 43.0

51 36.1 9.9 49.9

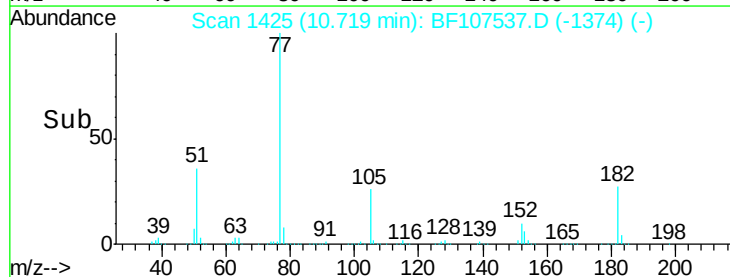
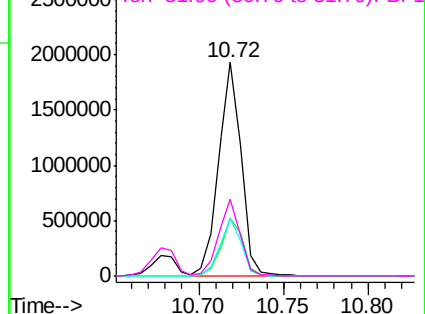


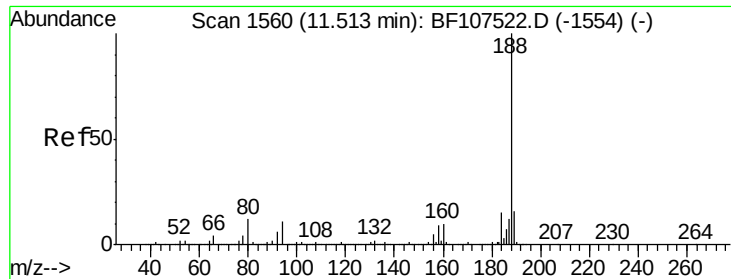
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

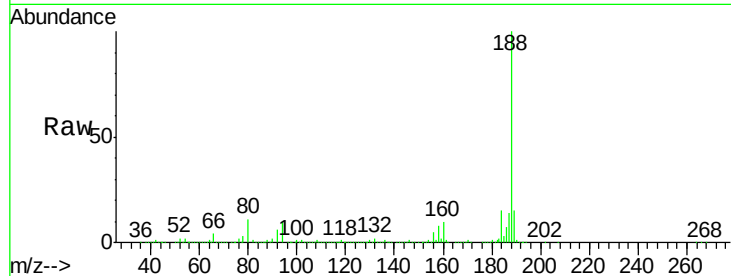




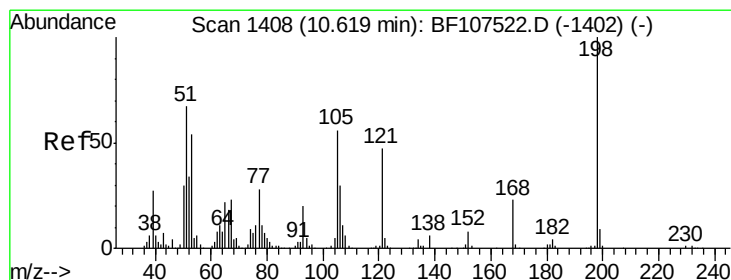
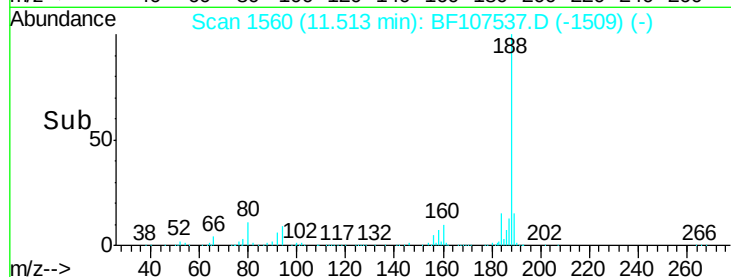
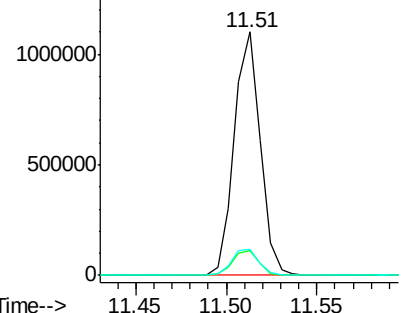
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.51 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

Tgt Ion:188 Resp: 1100949  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.5 12.7  
80 10.7 9.2 13.8

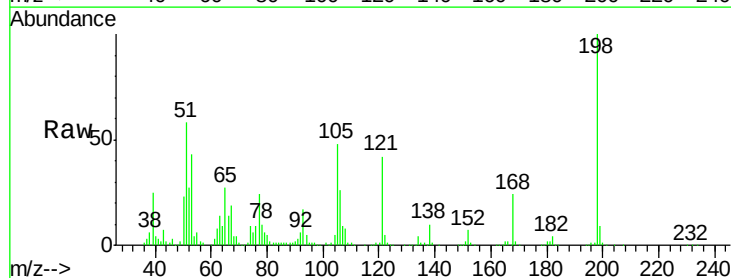


Abundance Ion 188.00 (187.70 to 188.70): E  
1500000  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

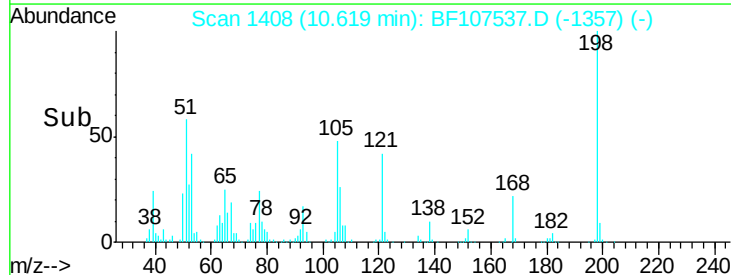
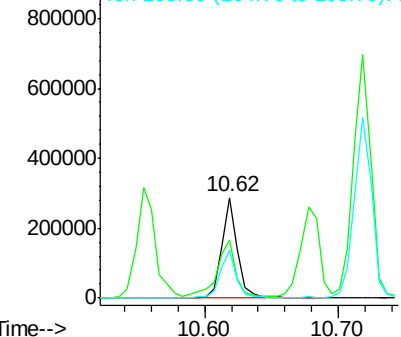


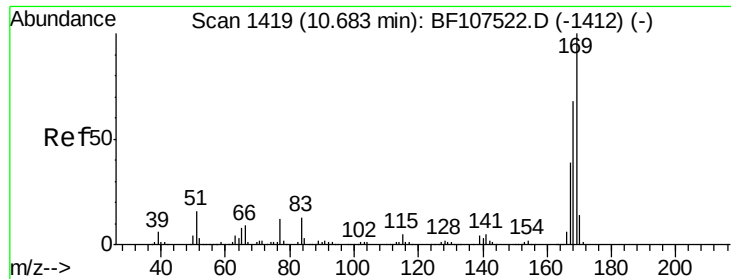
#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.265 ng  
RT: 10.62 min Scan# 1408  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion:198 Resp: 237373  
Ion Ratio Lower Upper  
198 100  
51 58.1 37.7 77.7  
105 47.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E  
800000  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

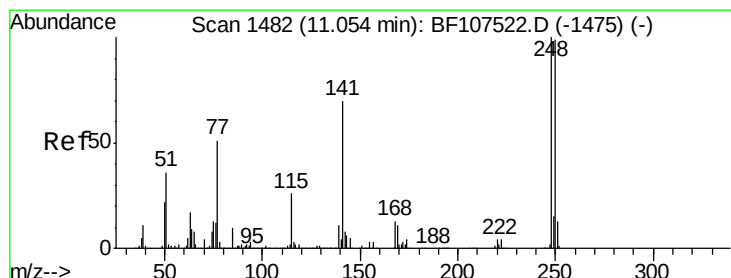
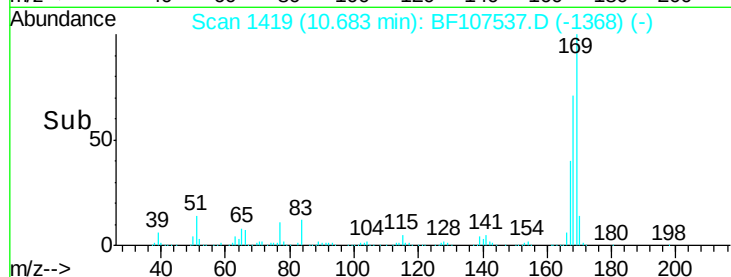
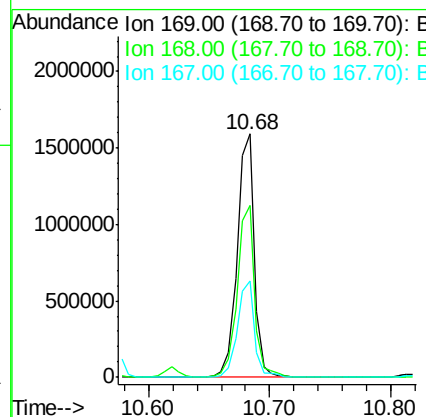
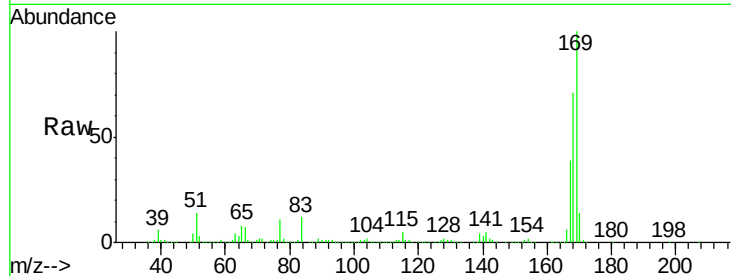




#65  
 n-Nitrosodiphenylamine  
 Concen: 42.043 ng  
 RT: 10.68 min Scan# 1419  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

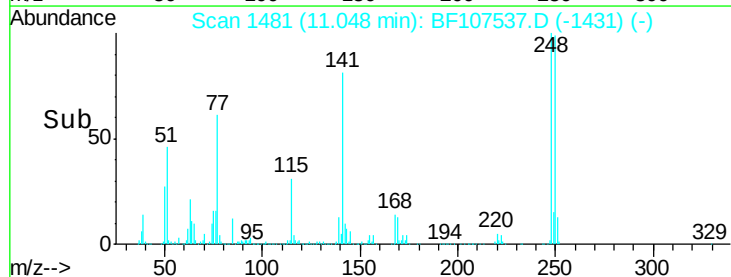
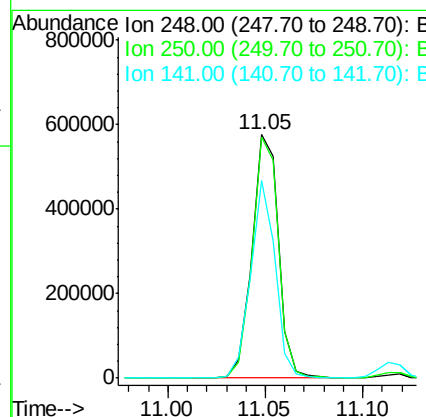
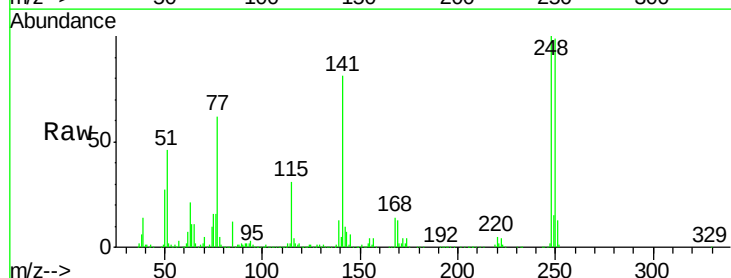
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

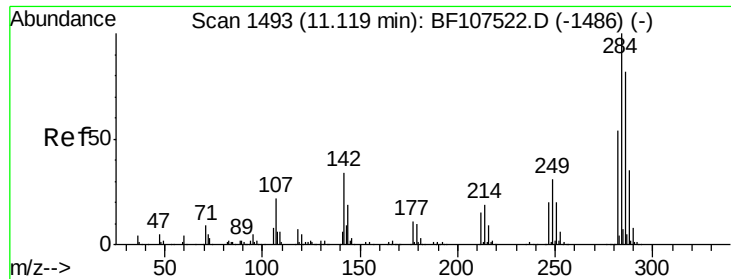
Tgt Ion:169 Resp: 1572037  
 Ion Ratio Lower Upper  
 169 100  
 168 70.9 54.4 81.6  
 167 39.5 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 41.674 ng  
 RT: 11.05 min Scan# 1481  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:248 Resp: 540093  
 Ion Ratio Lower Upper  
 248 100  
 250 99.2 76.9 115.3  
 141 80.9 74.4 111.6

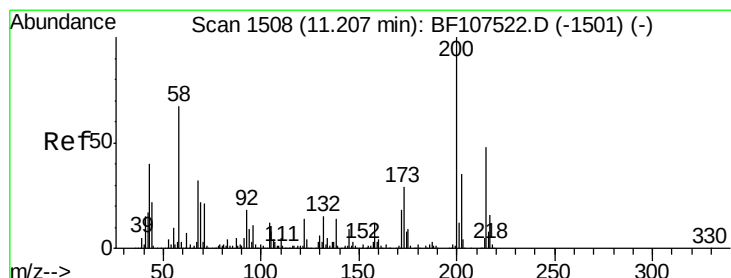
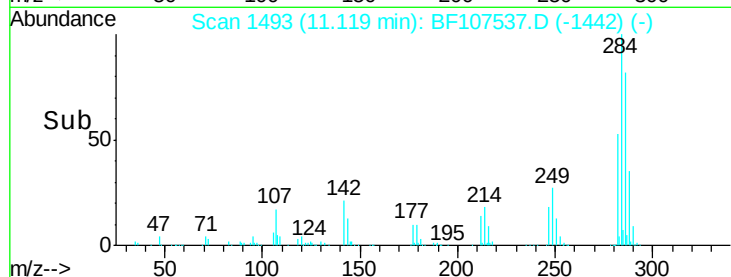
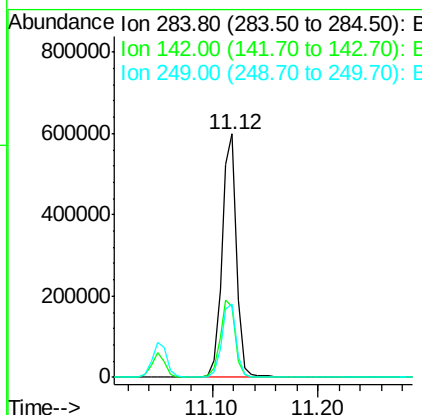
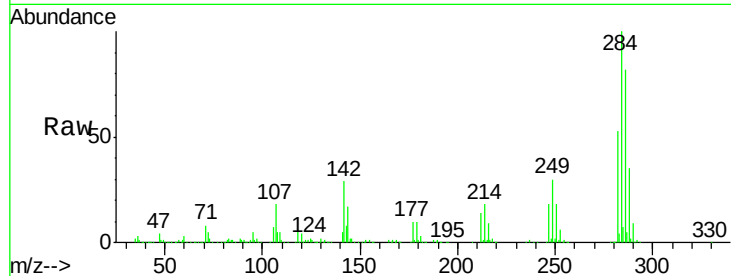




#67  
Hexachlorobenzene  
Concen: 40.252 ng  
RT: 11.12 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

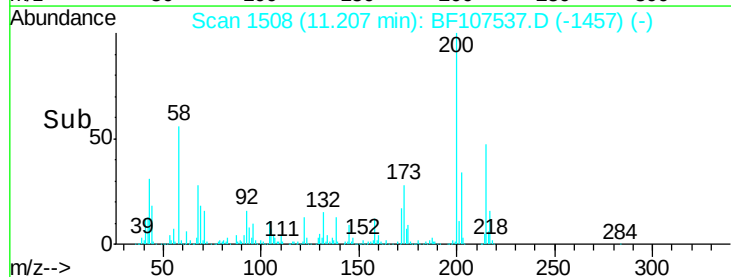
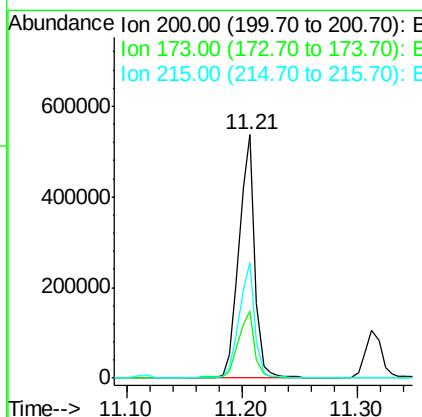
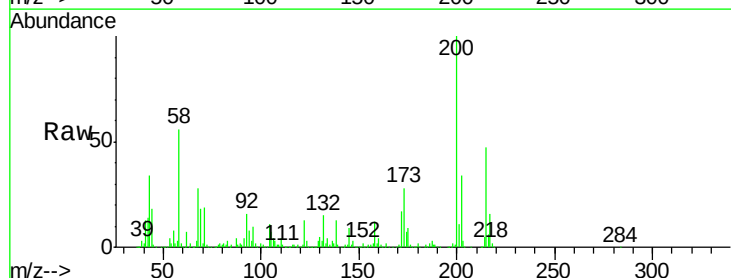
Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

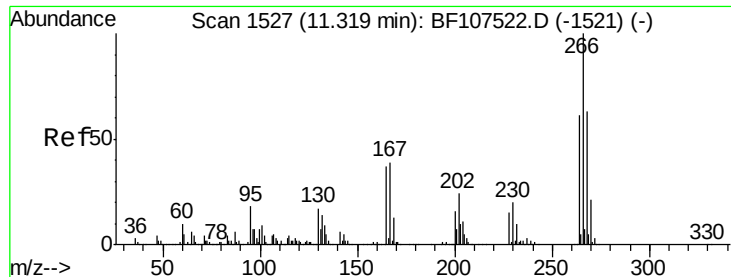
Tgt Ion:284 Resp: 573989  
Ion Ratio Lower Upper  
284 100  
142 29.0 34.6 52.0#  
249 30.1 24.8 37.2



#68  
Atrazine  
Concen: 44.847 ng  
RT: 11.21 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion:200 Resp: 511984  
Ion Ratio Lower Upper  
200 100  
173 27.7 8.6 48.6  
215 47.5 25.1 65.1

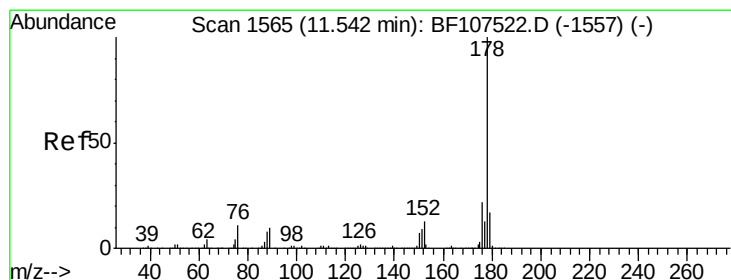
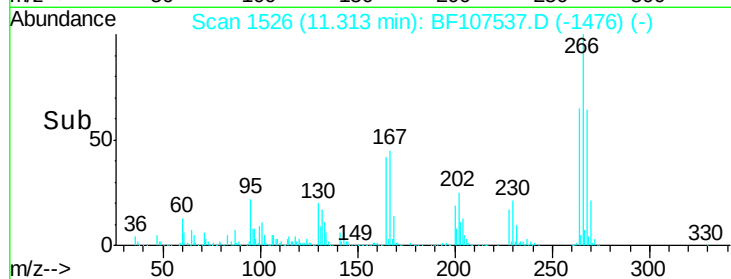
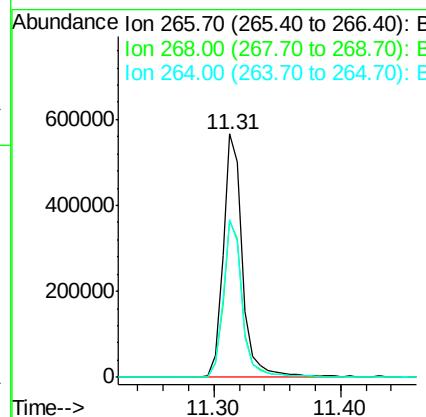
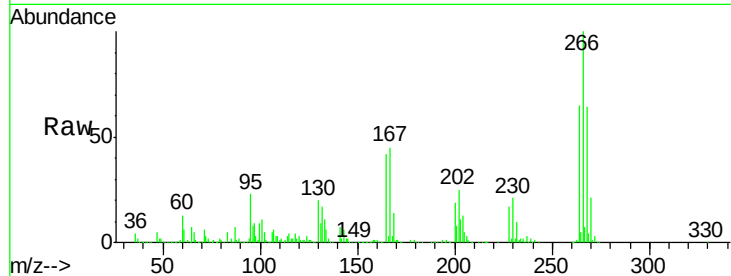




#69  
 Pentachlorophenol  
 Concen: 67.782 ng  
 RT: 11.31 min Scan# 1526  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

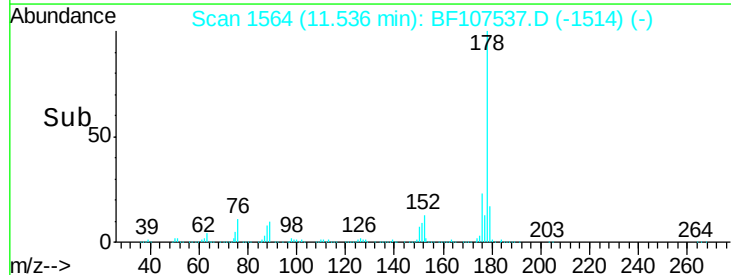
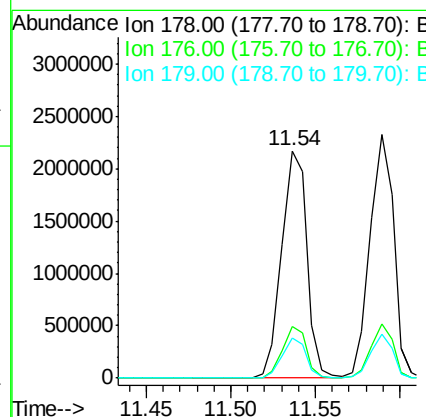
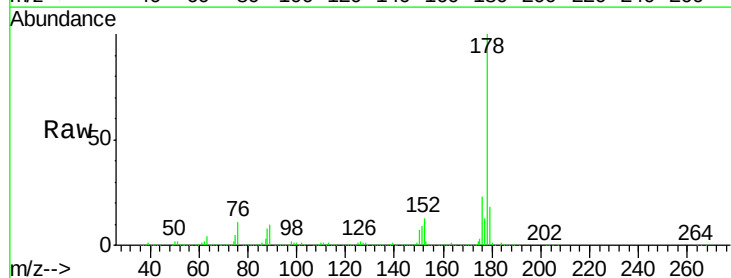
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

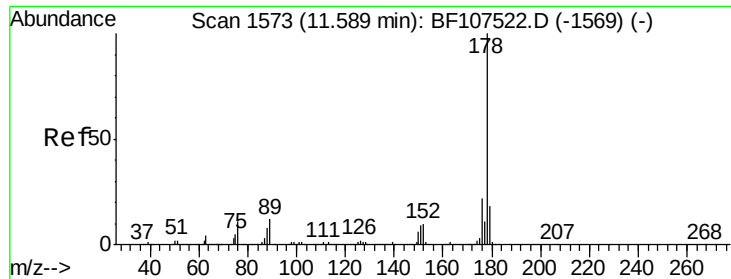
Tgt Ion: 266 Resp: 603737  
 Ion Ratio Lower Upper  
 266 100  
 268 64.2 51.1 76.7  
 264 64.8 49.5 74.3



#70  
 Phenanthrene  
 Concen: 42.203 ng  
 RT: 11.54 min Scan# 1564  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion: 178 Resp: 2264180  
 Ion Ratio Lower Upper  
 178 100  
 176 22.7 15.8 23.8  
 179 17.6 13.0 19.6

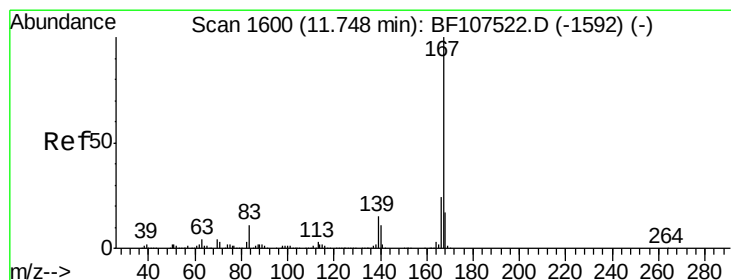
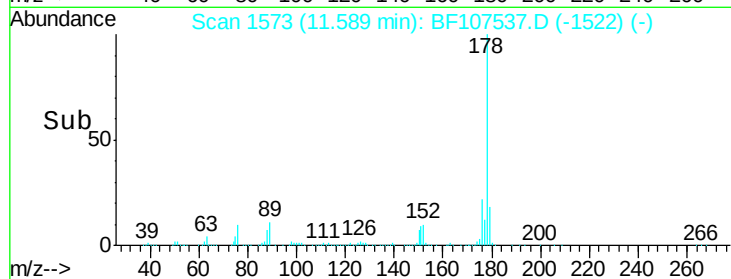
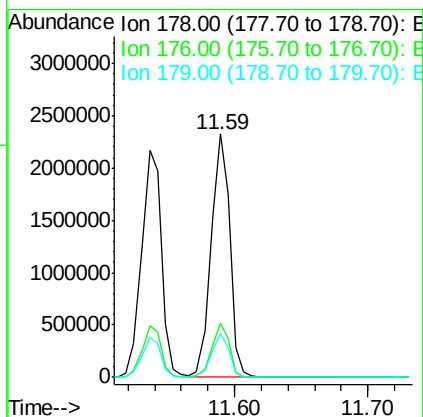
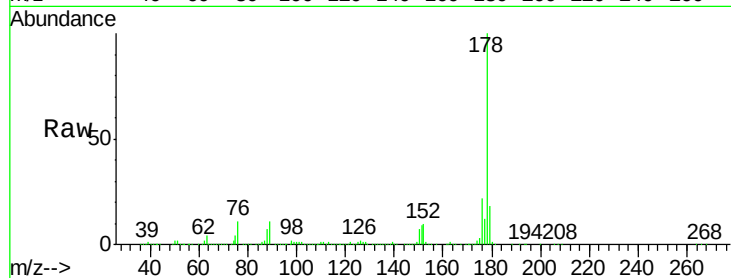




#71  
 Anthracene  
 Concen: 42.357 ng  
 RT: 11.59 min Scan# 1573  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

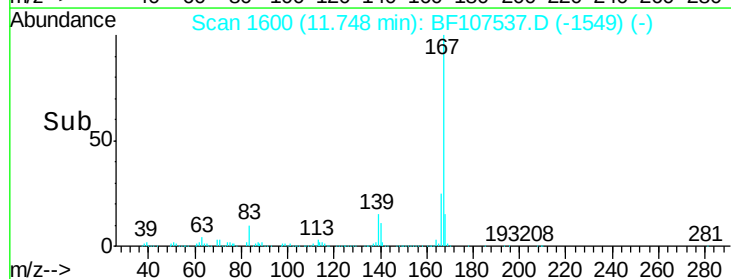
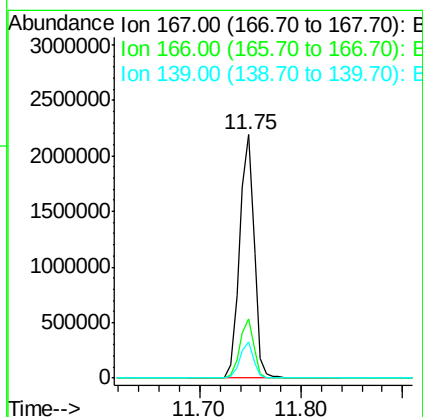
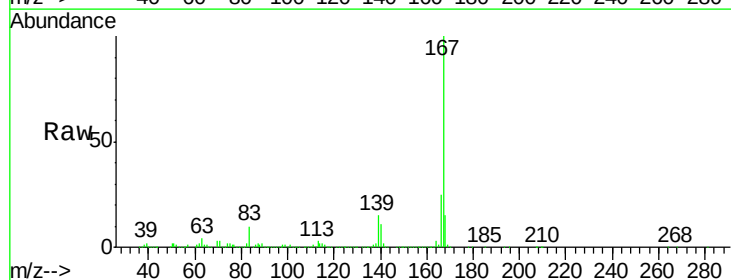
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

Tgt Ion:178 Resp: 2288013  
 Ion Ratio Lower Upper  
 178 100  
 176 22.0 15.4 23.2  
 179 18.0 12.6 19.0

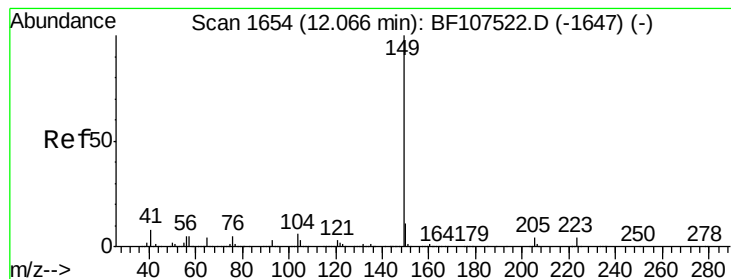


#72  
 Carbazole  
 Concen: 38.806 ng  
 RT: 11.75 min Scan# 1600  
 Delta R.T. 0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:167 Resp: 2179781  
 Ion Ratio Lower Upper  
 167 100  
 166 24.6 17.6 26.4  
 139 14.7 10.9 16.3







#73

Di-n-butylphthalate

Concen: 45.366 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

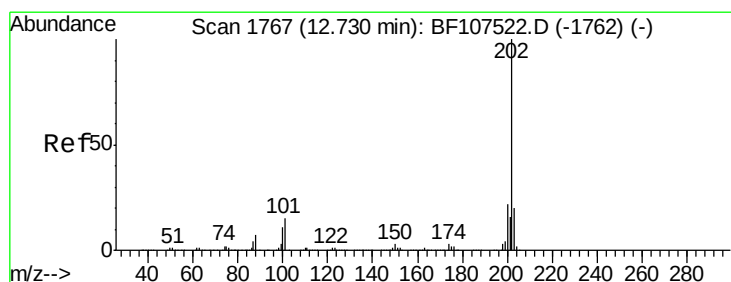
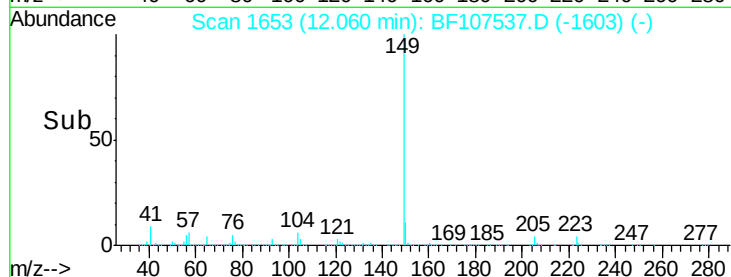
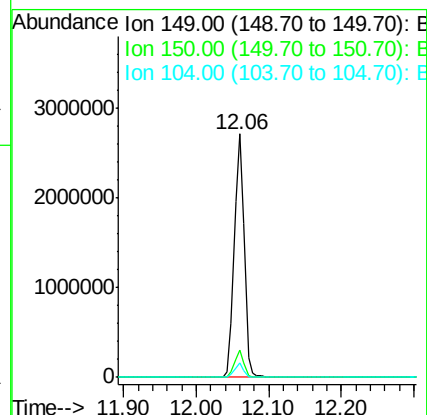
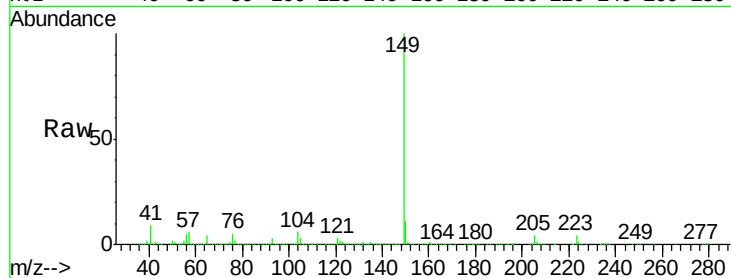
Tgt Ion:149 Resp: 2615519

Ion Ratio Lower Upper

149 100

150 11.4 7.8 11.6

104 5.9 3.8 5.8#



#74

Fluoranthene

Concen: 38.695 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

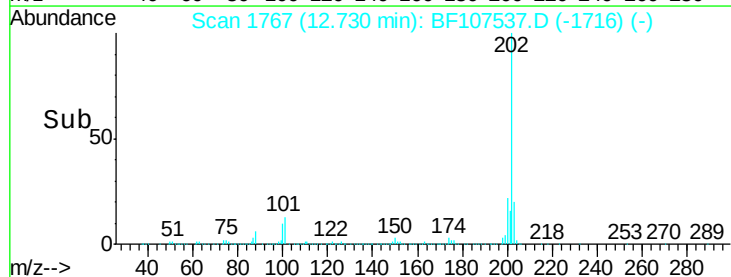
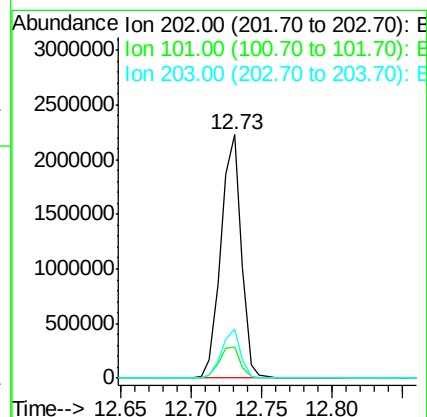
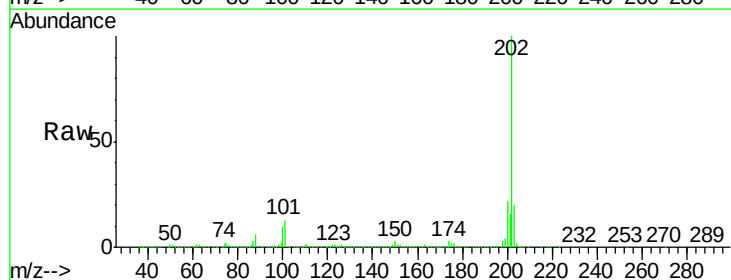
Tgt Ion:202 Resp: 2227673

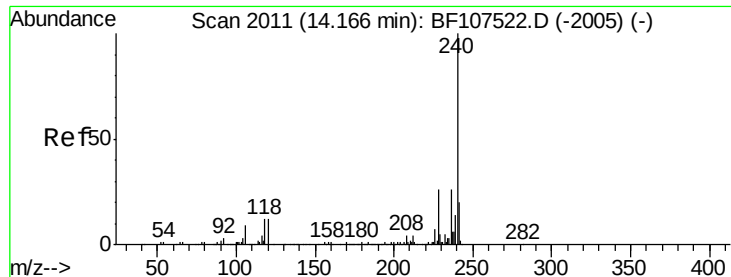
Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

203 20.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

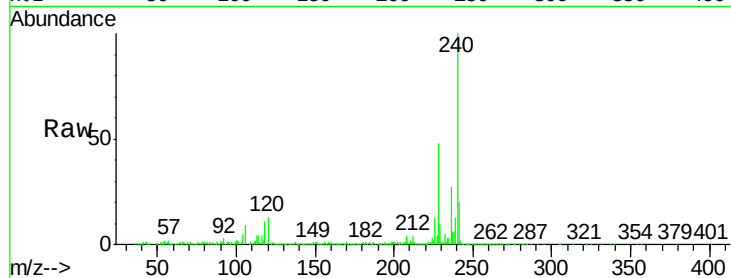
Tgt Ion:240 Resp: 719909

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

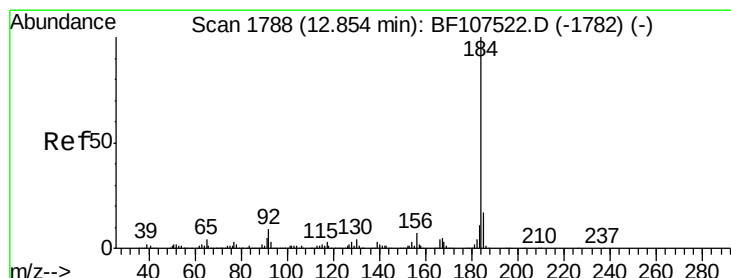
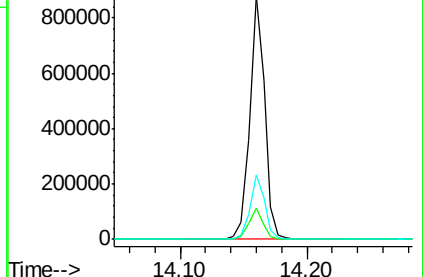
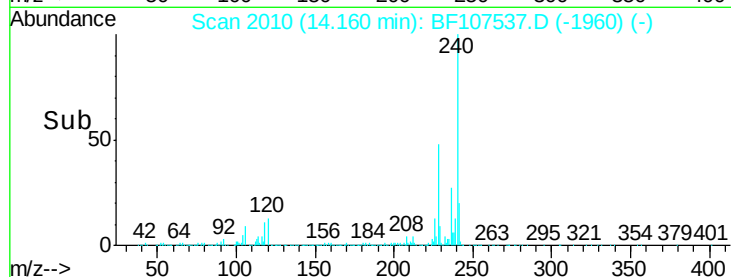
236 26.6 20.7 31.1



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: 39.300 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

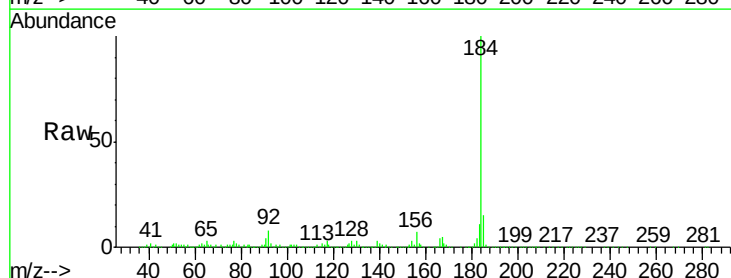
Tgt Ion:184 Resp: 814779

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

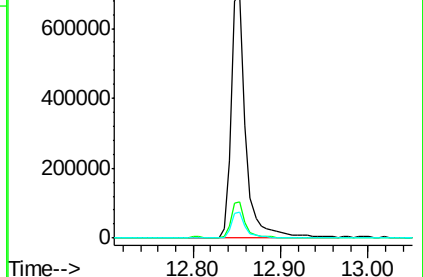
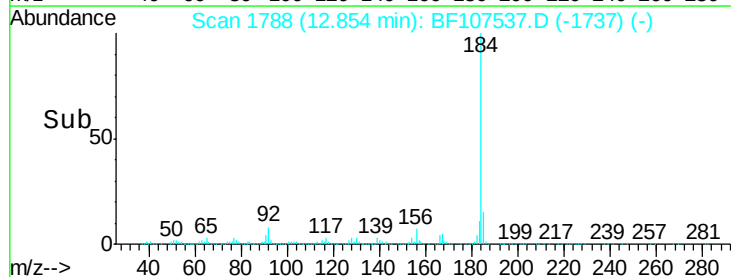
183 10.8 9.3 13.9

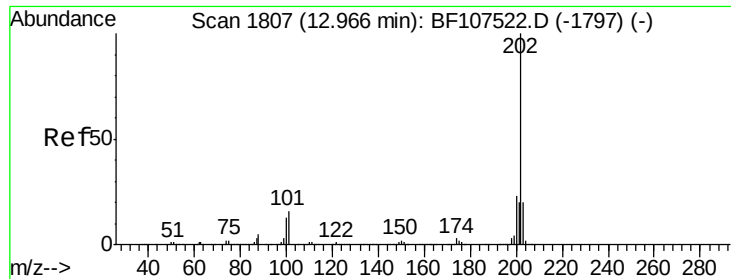


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

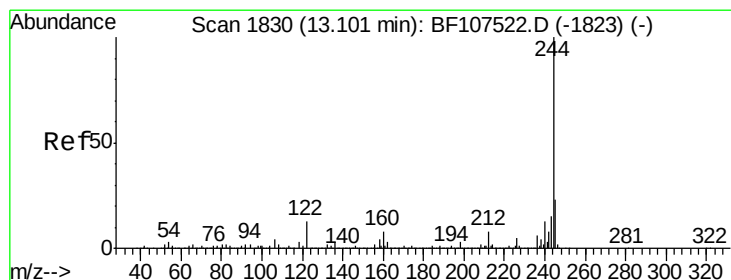
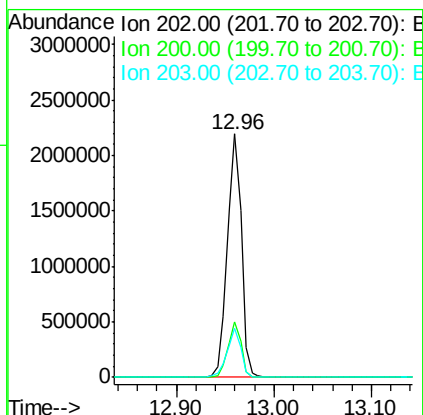
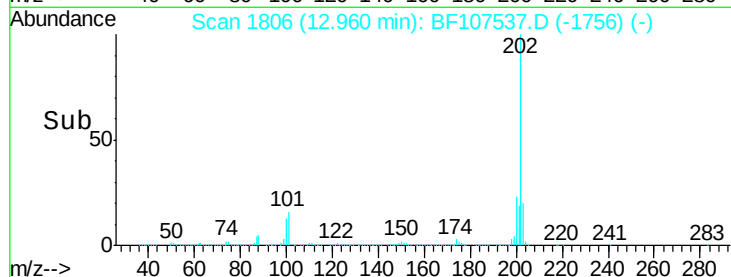
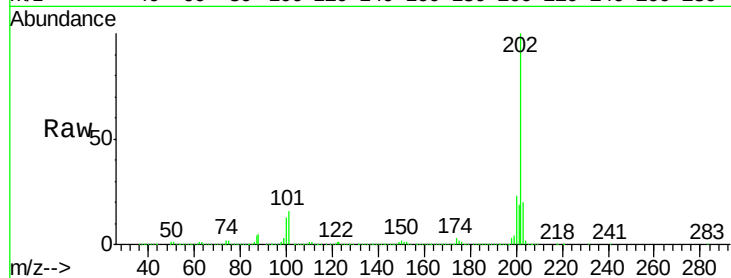




#77  
 Pyrene  
 Concen: 44.634 ng  
 RT: 12.96 min Scan# 1806  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

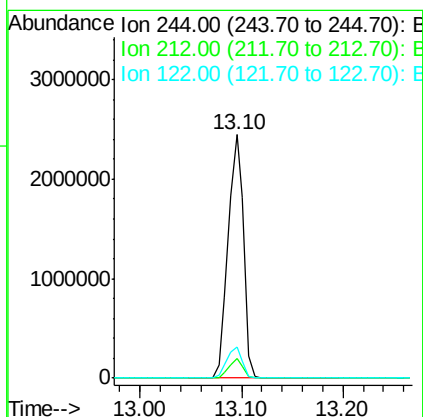
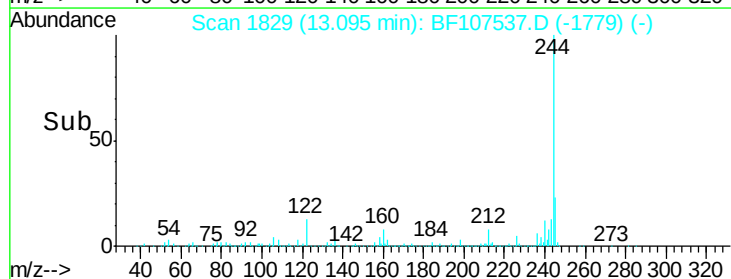
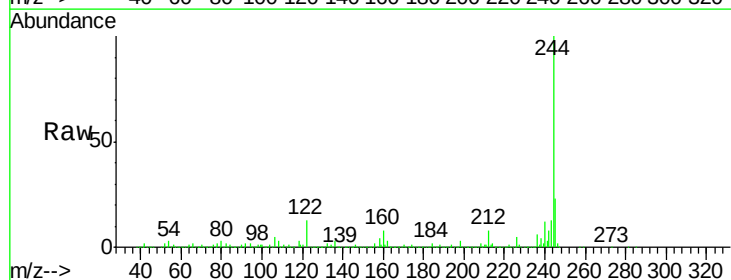
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

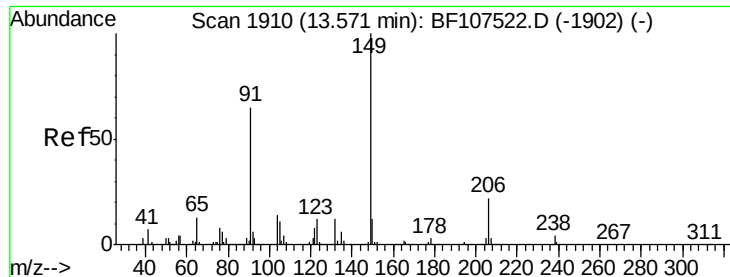
Tgt Ion:202 Resp: 2197915  
 Ion Ratio Lower Upper  
 202 100  
 200 23.0 17.4 26.2  
 203 20.3 14.3 21.5



#78  
 Terphenyl-d14  
 Concen: 92.170 ng  
 RT: 13.10 min Scan# 1829  
 Delta R.T. -0.00 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:244 Resp: 2591875  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 5.4 8.0  
 122 13.0 11.0 16.4

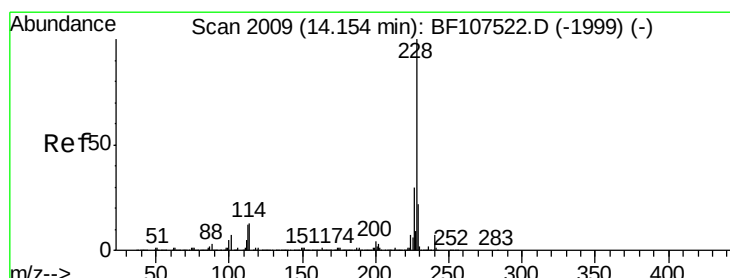
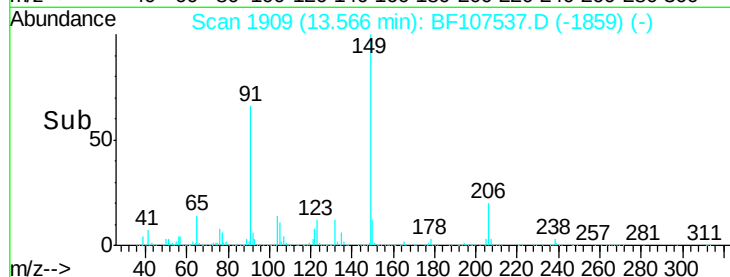
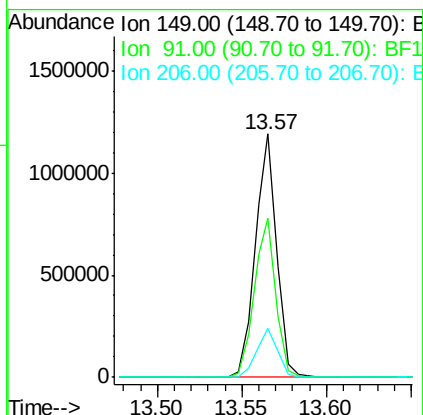
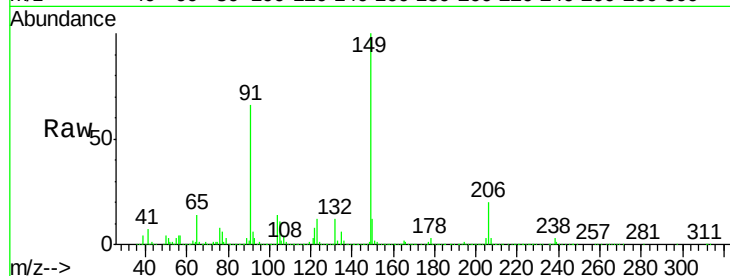




#79  
Butylbenzylphthalate  
Concen: 49.288 ng  
RT: 13.57 min Scan# 1909  
Delta R.T. -0.01 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

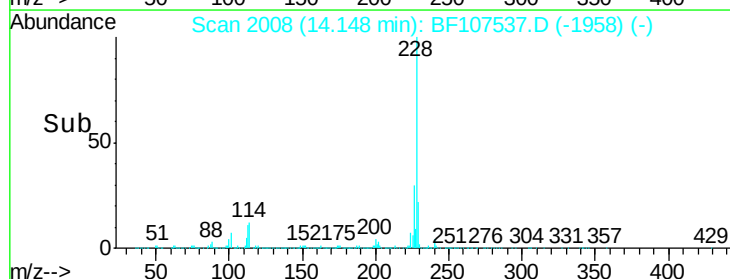
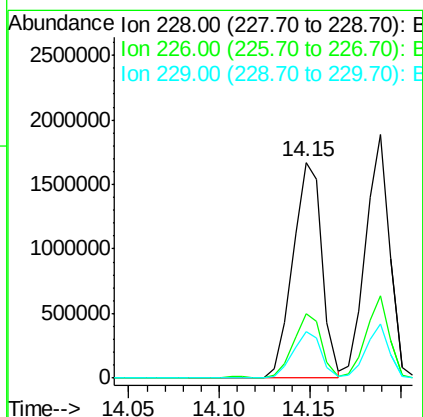
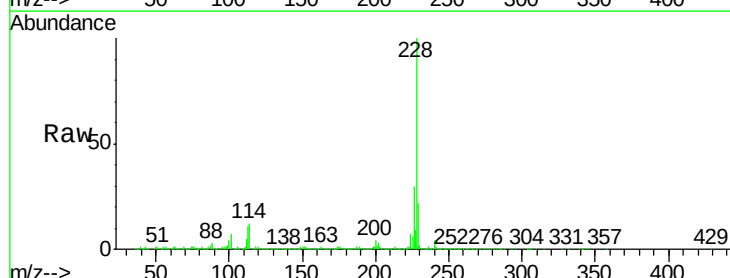
Instrument :  
BNA\_F  
ClientSampleId :  
161-TP-1MSD

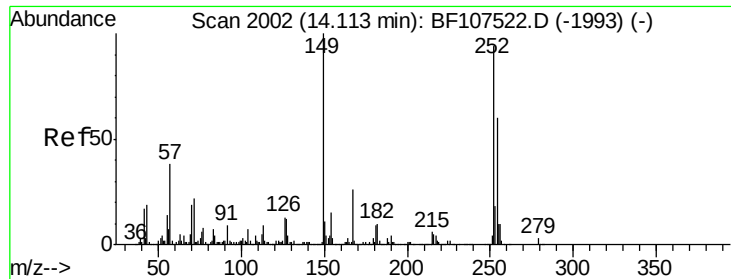
Tgt Ion:149 Resp: 1043767  
Ion Ratio Lower Upper  
149 100  
91 65.6 56.8 85.2  
206 20.1 14.1 21.1



#80  
Benzo(a)anthracene  
Concen: 44.523 ng  
RT: 14.15 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BF107537.D  
Acq: 20 Jul 2018 21:25

Tgt Ion:228 Resp: 1878324  
Ion Ratio Lower Upper  
228 100  
226 29.9 22.6 33.8  
229 21.6 15.8 23.6

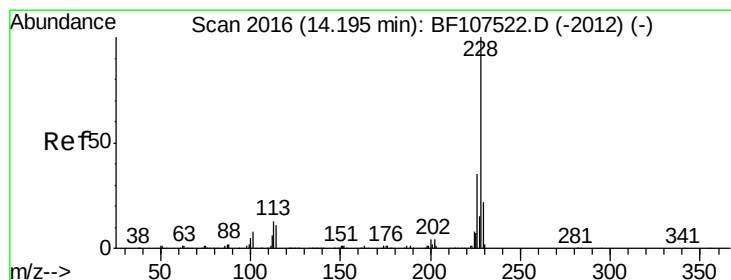
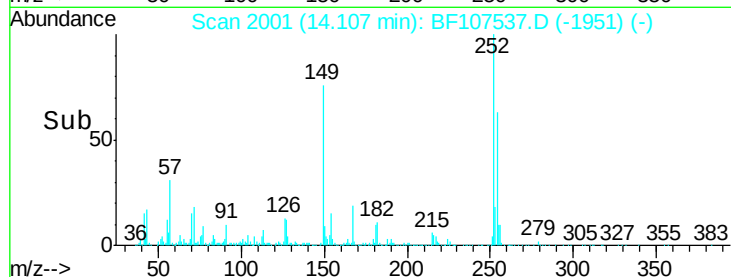
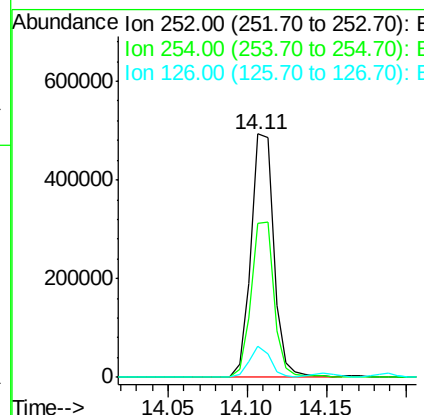
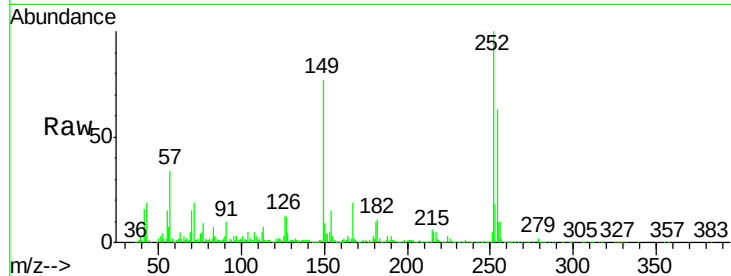




#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.745 ng  
 RT: 14.11 min Scan# 2001  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

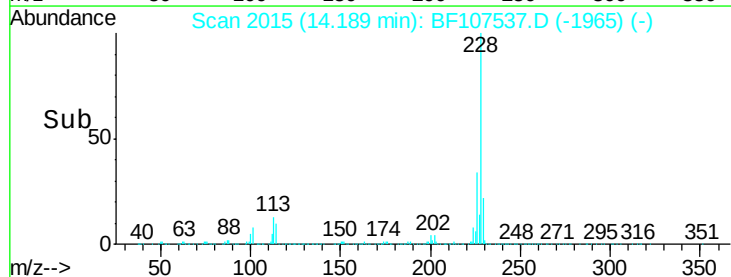
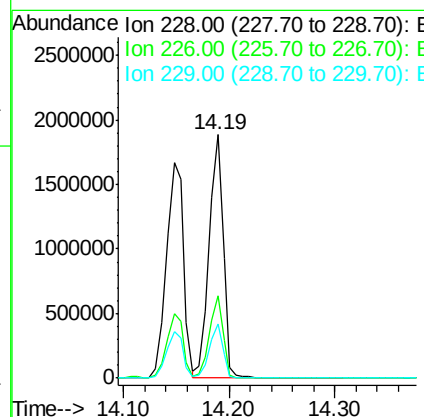
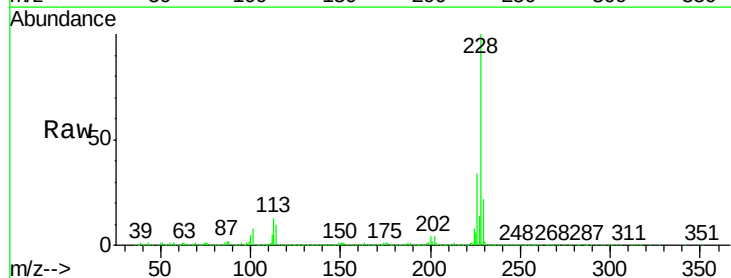
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

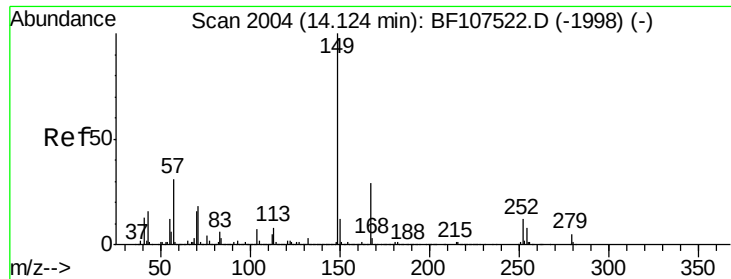
Tgt Ion:252 Resp: 493823  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 50.4 75.6  
 126 13.0 11.3 16.9



#82  
 Chrysene  
 Concen: 43.405 ng  
 RT: 14.19 min Scan# 2015  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:228 Resp: 1759014  
 Ion Ratio Lower Upper  
 228 100  
 226 34.1 25.0 37.6  
 229 22.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.059 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

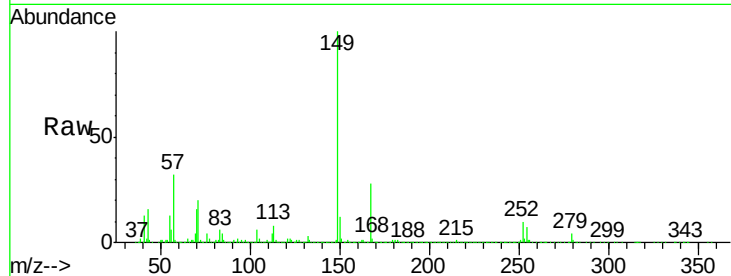
Tgt Ion:149 Resp: 1346396

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

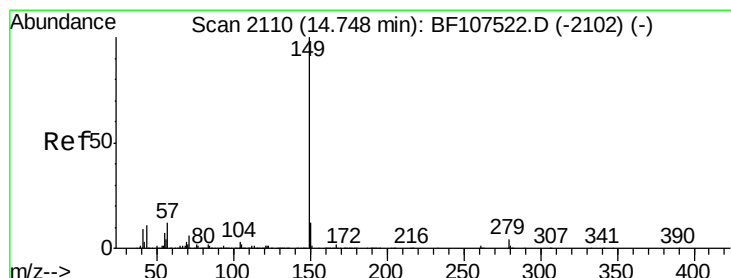
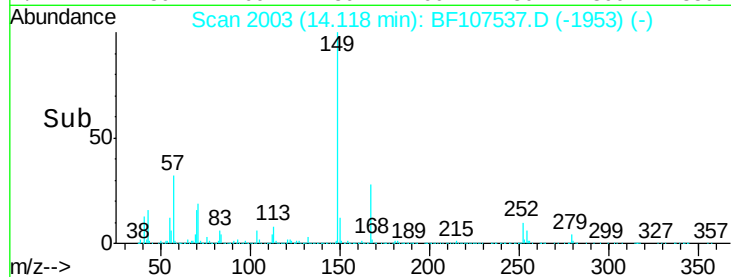
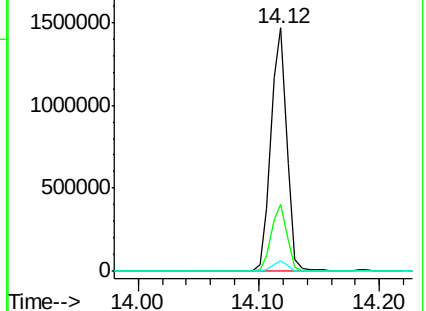
279 4.2 3.0 4.4



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: 48.058 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

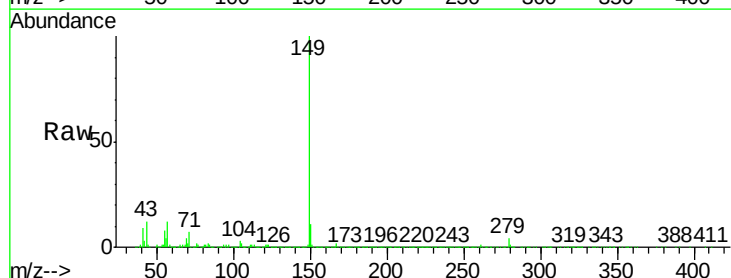
Tgt Ion:149 Resp: 2232092

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

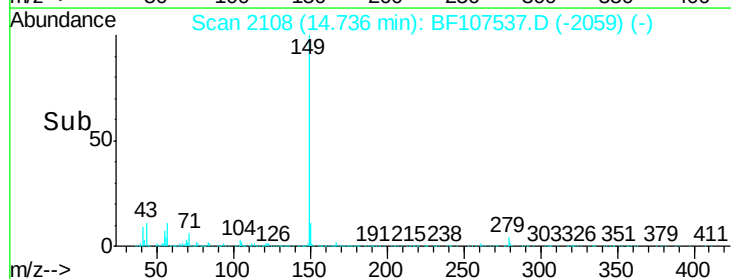
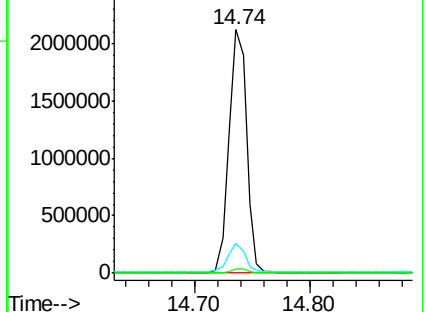
43 10.9 8.4 12.6

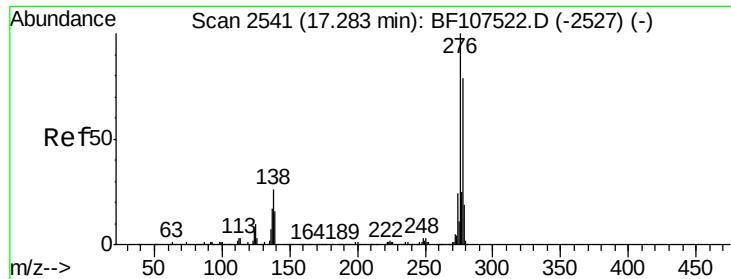


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

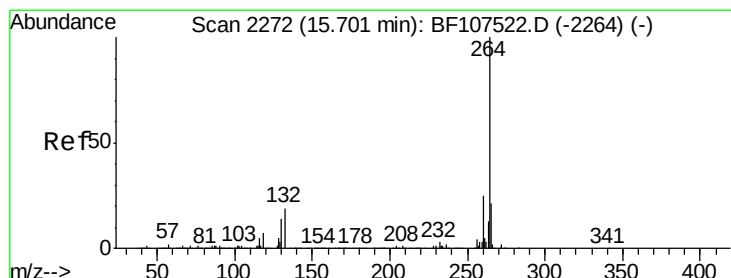
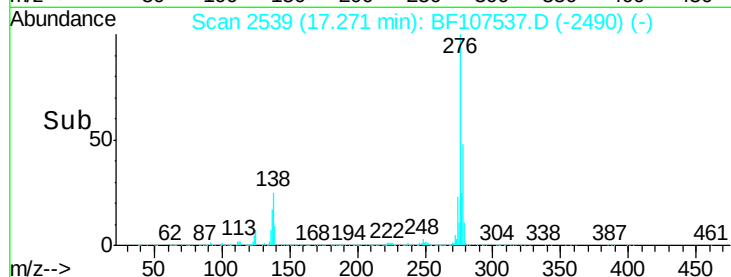
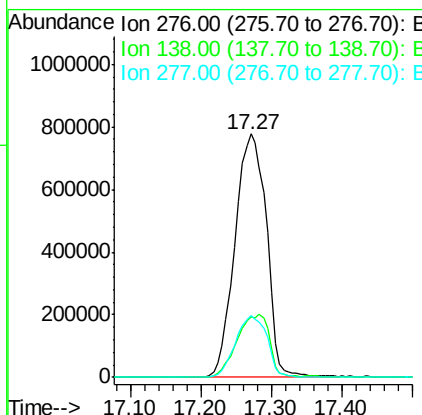
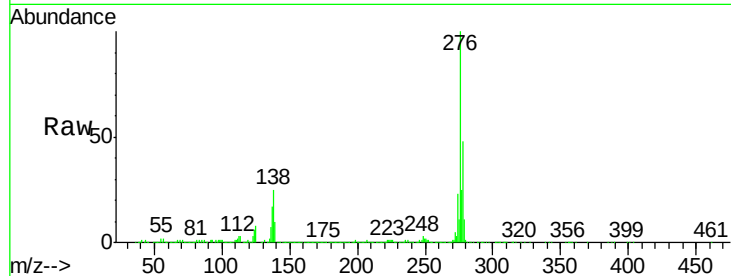




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 70.326 ng  
 RT: 17.27 min Scan# 2539  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

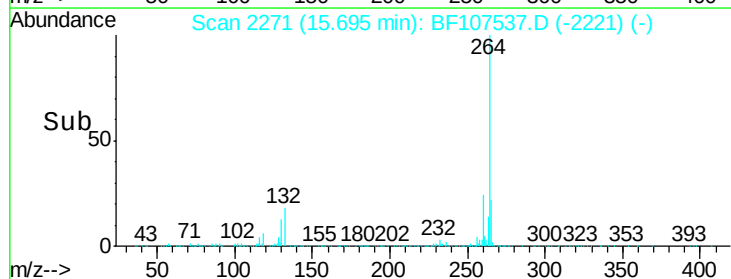
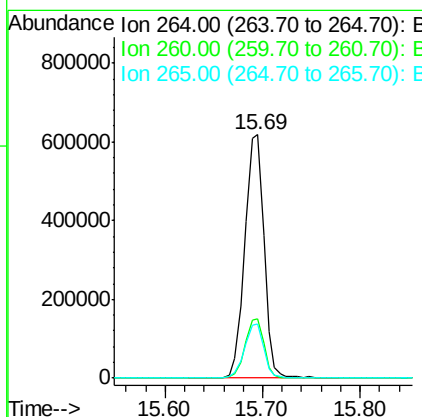
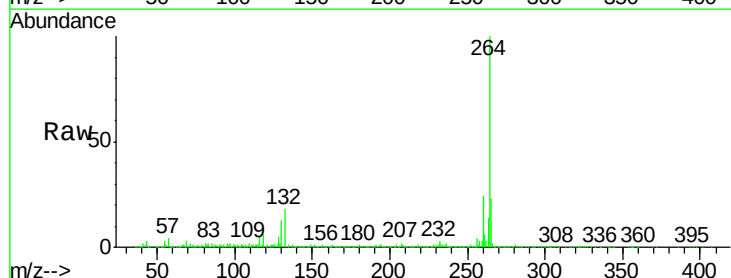
Instrument :  
 BNA\_F  
 ClientSampleId :  
 161-TP-1MSD

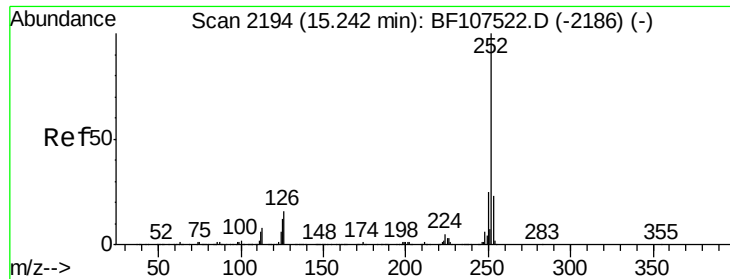
Tgt Ion:276 Resp: 2415486  
 Ion Ratio Lower Upper  
 276 100  
 138 26.3 25.0 37.6  
 277 25.3 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: BF107537.D  
 Acq: 20 Jul 2018 21:25

Tgt Ion:264 Resp: 852832  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.2 28.8  
 265 22.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 43.947 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

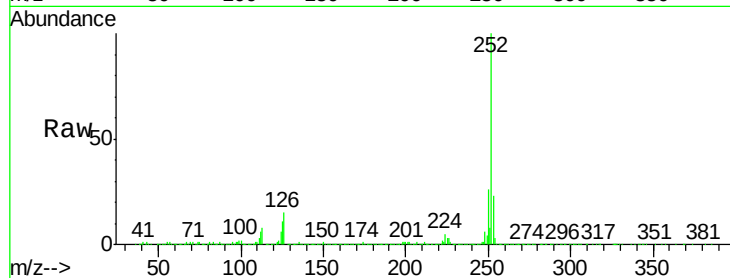
Tgt Ion:252 Resp: 2051214

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

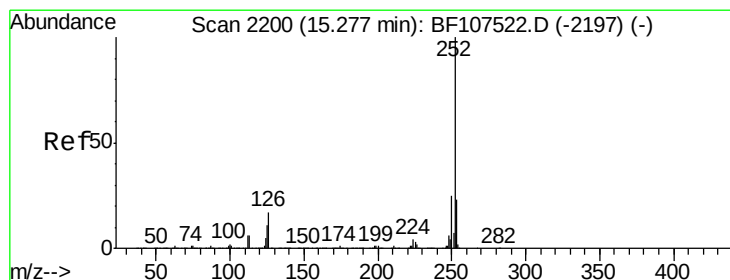
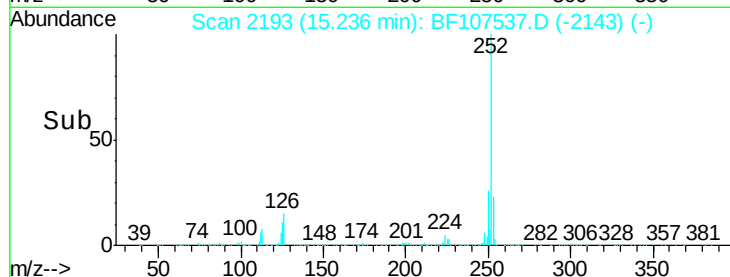
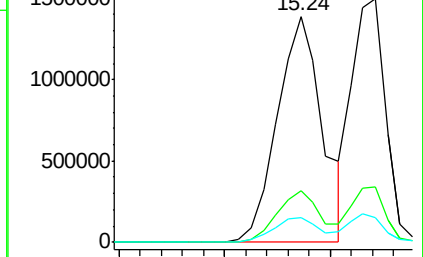
125 11.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.474 ng

RT: 15.27 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

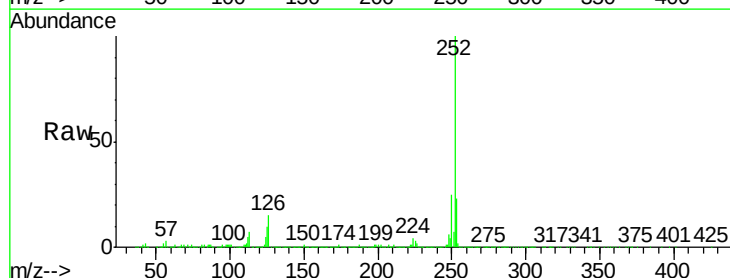
Tgt Ion:252 Resp: 1667900

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

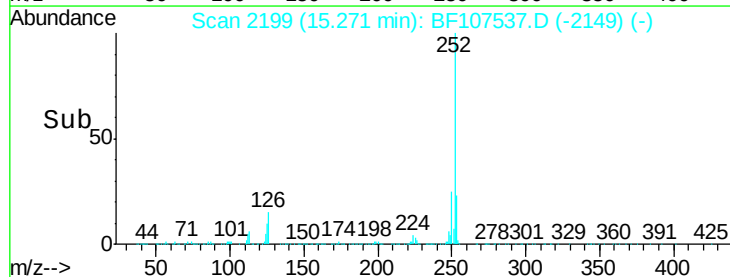
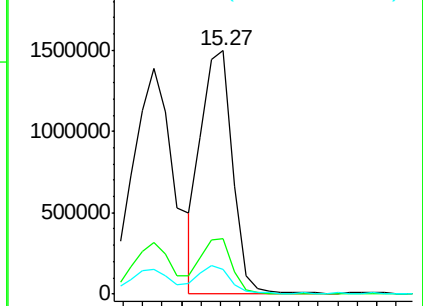
125 10.3 10.2 15.2



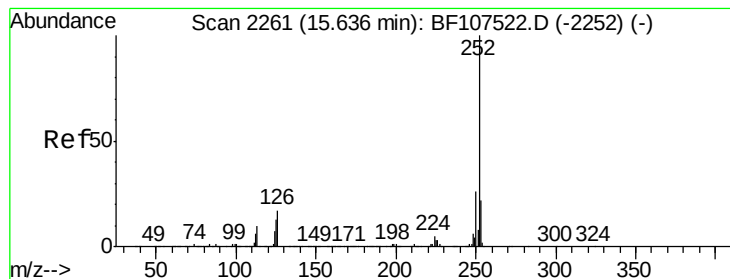
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 44.139 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

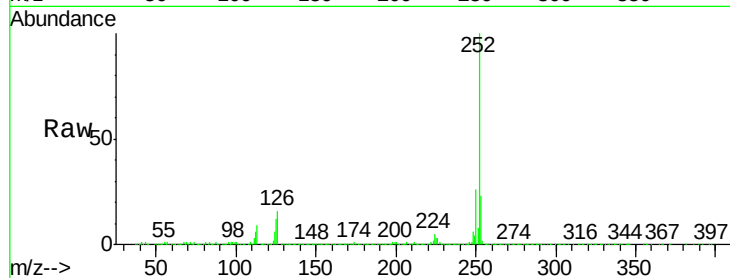
Tgt Ion:252 Resp: 1884521

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

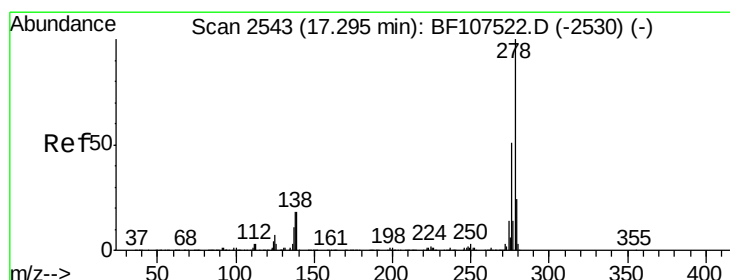
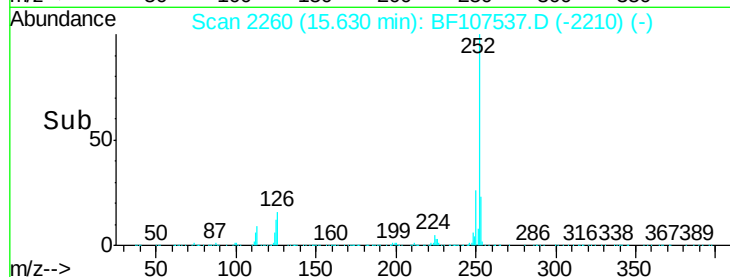
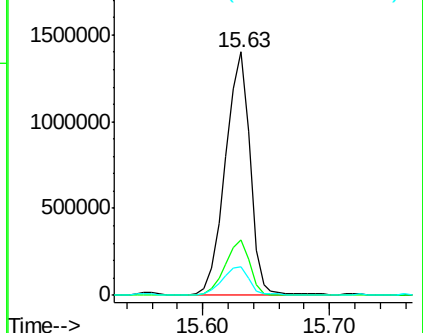
125 11.9 9.8 14.6



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: 53.178 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

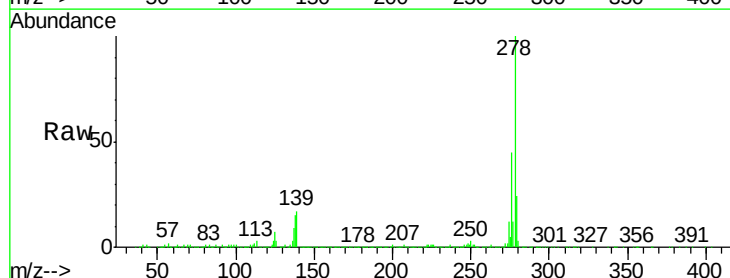
Tgt Ion:278 Resp: 1962617

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

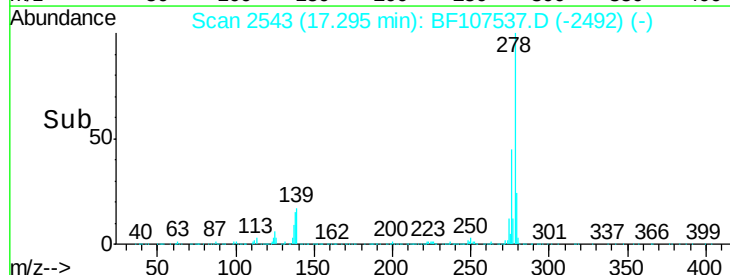
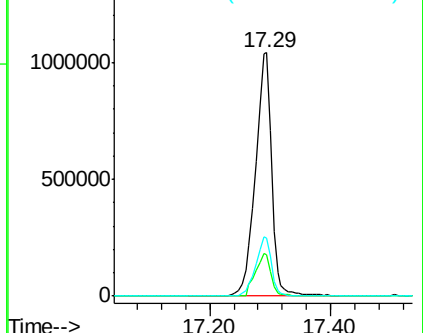
279 24.1 19.0 28.4

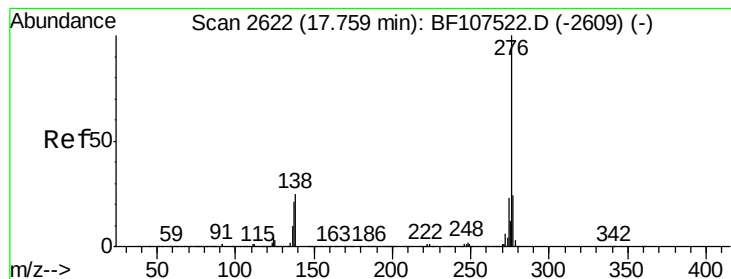


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 55.316 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA\_F

ClientSampleId :

161-TP-1MSD

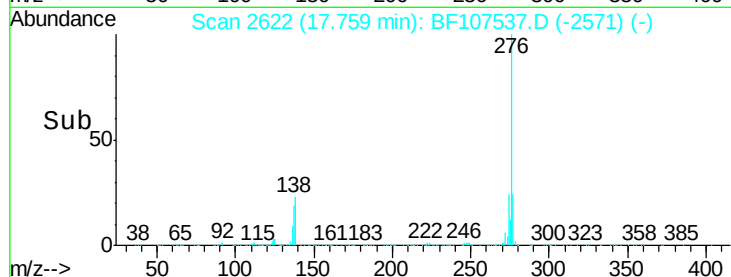
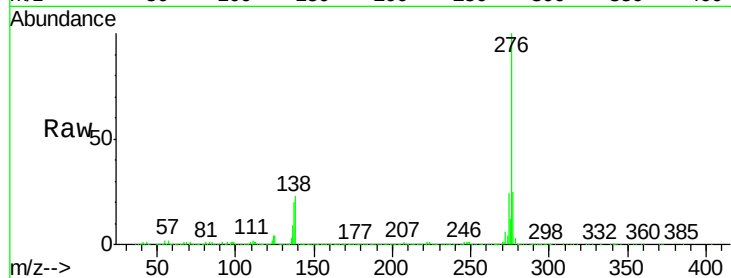
Tgt Ion:276 Resp: 2013728

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 23.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

