

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\  
 Data File : BF104808.D  
 Acq On : 26 Apr 2018 1:03  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 26 08:20:32 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 25 14:01:50 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 99126    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 407990   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 179658   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 280463   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.99 | 240  | 201106   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.46 | 264  | 189487   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 490534 | 75.67 | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 585579 | 73.52 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 524033 | 83.87 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 135276 | 72.59 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 947751 | 83.34 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 672136 | 76.20 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.48 | 88  | 102096 | 33.799 | ng | 88     |
| 3) Pyridine                    | 3.22 | 79  | 288852 | 34.011 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.18 | 42  | 95755  | 32.254 | ng | 79     |
| 6) Aniline                     | 6.46 | 93  | 380343 | 34.369 | ng | # 80   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 266433 | 38.938 | ng | 95     |
| 9) Benzaldehyde                | 6.35 | 77  | 207745 | 62.807 | ng | 98     |
| 10) Phenol                     | 6.46 | 94  | 319184 | 37.767 | ng | 77     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 239731 | 35.546 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 298050 | 38.450 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 302432 | 39.139 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 284153 | 39.682 | ng | 97     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 220368 | 36.425 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 281821 | 31.115 | ng | 72     |
| 17) 2-Methylphenol             | 7.06 | 107 | 225352 | 37.888 | ng | 96     |
| 18) Hexachloroethane           | 7.31 | 117 | 78950  | 28.656 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 173908 | 33.412 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 279578 | 37.900 | ng | # 67   |
| 22) Acetophenone               | 7.21 | 105 | 376729 | 37.506 | ng | 100    |
| 24) Nitrobenzene               | 7.39 | 77  | 274953 | 39.858 | ng | 94     |
| 25) Isophorone                 | 7.63 | 82  | 453230 | 34.303 | ng | 98     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 133897 | 47.679 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 201901 | 34.625 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 284160 | 35.176 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 212169 | 38.134 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 236705 | 38.766 | ng | 98     |
| 31) Naphthalene                | 8.11 | 128 | 764942 | 37.653 | ng | 100    |
| 32) Benzoic acid               | 7.87 | 122 | 123791 | 26.607 | ng | 98     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 324163 | 37.245 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 133263 | 39.846 | ng | 99     |
| 35) Caprolactam                | 8.54 | 113 | 68570  | 35.329 | ng | # 76   |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 224938 | 37.705 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 490715 | 37.342 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 220085 | 42.794 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.95 | 237 | 5862   | 2.036  | ng | 93     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\  
 Data File : BF104808.D  
 Acq On : 26 Apr 2018 1:03  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

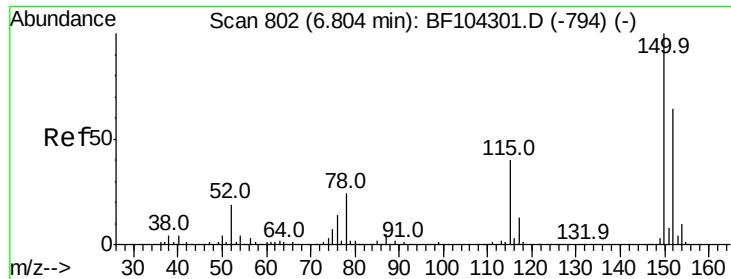
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 26 08:20:32 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 25 14:01:50 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.08  | 196  | 141914   | 39.751 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 161978   | 40.545 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 605931   | 40.148 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 471280   | 39.533 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 143275   | 48.599 | ng    | 98       |
| 48) Acenaphthylene             | 9.71  | 152  | 710558   | 37.990 | ng    | 99       |
| 49) Dimethylphthalate          | 9.56  | 163  | 573229   | 40.461 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 115931   | 44.223 | ng    | 98       |
| 51) Acenaphthene               | 9.88  | 154  | 408130   | 35.763 | ng    | 100      |
| 52) 3-Nitroaniline             | 9.81  | 138  | 140898   | 45.910 | ng    | 92       |
| 53) 2,4-Dinitrophenol          | 9.92  | 184  | 4462     | 11.111 | ng    | # 31     |
| 54) Dibenzofuran               | 10.05 | 168  | 582563   | 36.631 | ng    | 97       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 78343    | 32.496 | ng    | 99       |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 142192   | 41.351 | ng    | 99       |
| 57) Fluorene                   | 10.40 | 166  | 470128   | 40.613 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 105641   | 35.444 | ng    | 93       |
| 59) Diethylphthalate           | 10.26 | 149  | 534626   | 37.890 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204  | 220553   | 42.782 | ng    | 96       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 134810   | 44.925 | ng    | 98       |
| 62) Azobenzene                 | 10.55 | 77   | 455192   | 33.767 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 16517    | 17.588 | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 419478   | 43.137 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 130250   | 43.661 | ng    | 94       |
| 67) Hexachlorobenzene          | 10.95 | 284  | 137266   | 40.892 | ng    | # 89     |
| 68) Atrazine                   | 11.03 | 200  | 112375   | 38.284 | ng    | 99       |
| 69) Pentachlorophenol          | 11.15 | 266  | 68860    | 33.159 | ng    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 593464   | 37.997 | ng    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 601731   | 37.900 | ng    | 100      |
| 72) Carbazole                  | 11.57 | 167  | 557251   | 35.918 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 755258   | 39.852 | ng    | 99       |
| 74) Fluoranthene               | 12.55 | 202  | 524853   | 32.163 | ng    | 97       |
| 76) Benzidine                  | 12.67 | 184  | 269108   | 39.274 | ng    | 99       |
| 77) Pyrene                     | 12.78 | 202  | 529733   | 35.537 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 253047   | 36.032 | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 485180   | 40.384 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 183701   | 41.009 | ng    | 99       |
| 82) Chrysene                   | 14.01 | 228  | 466812   | 37.828 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 345909   | 38.294 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 553247   | 36.655 | ng    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.92 | 276  | 379608   | 36.211 | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 471909   | 39.432 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.03 | 252  | 471909   | 41.767 | ng    | 97       |
| 89) Benzo(a)pyrene             | 15.40 | 252  | 411845   | 38.461 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.93 | 278  | 325792   | 37.045 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.37 | 276  | 289839   | 34.017 | ng    | 94       |

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



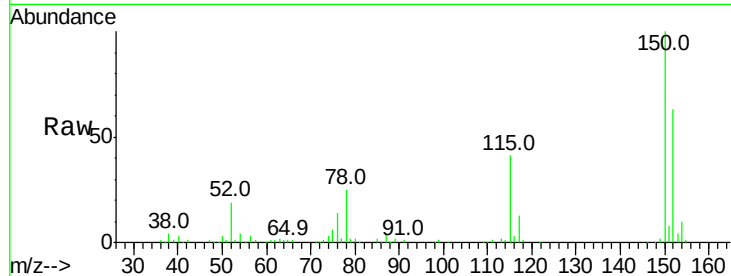


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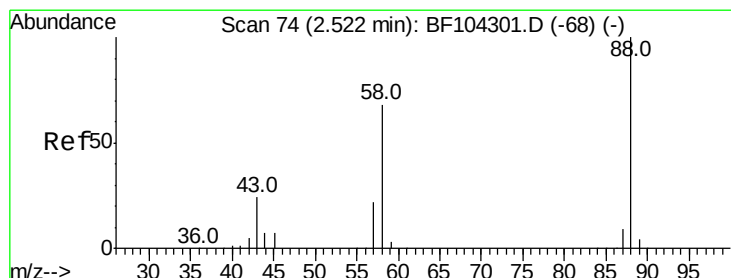
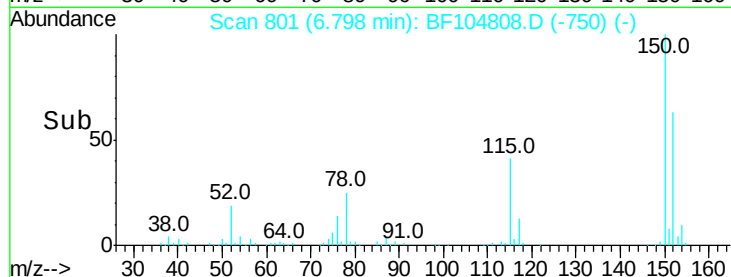
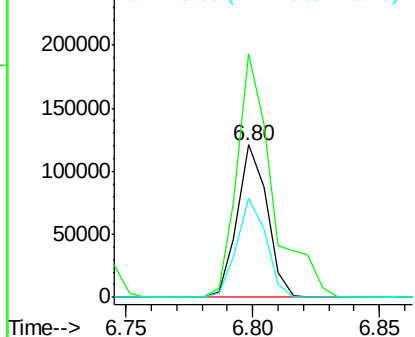
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 99126  
Ion Ratio Lower Upper  
152 100  
150 159.7 124.6 186.8  
115 64.9 50.1 75.1



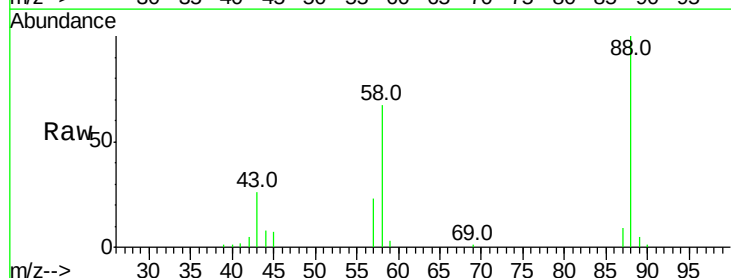
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



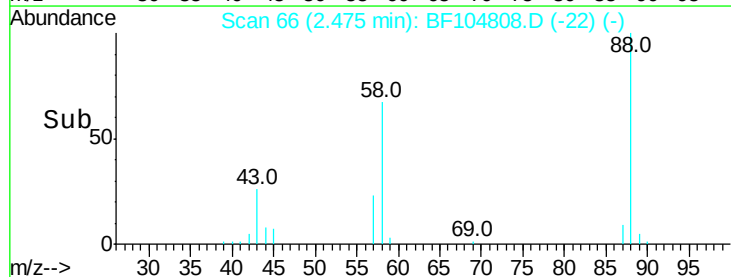
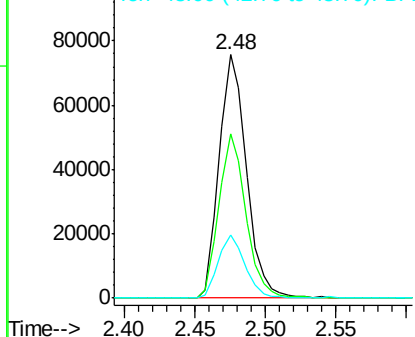
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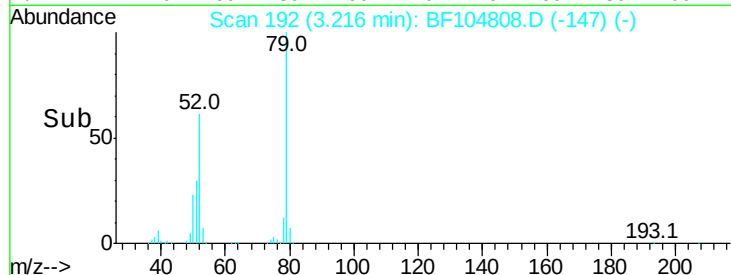
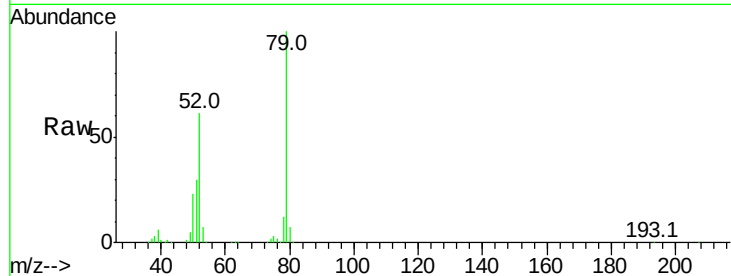
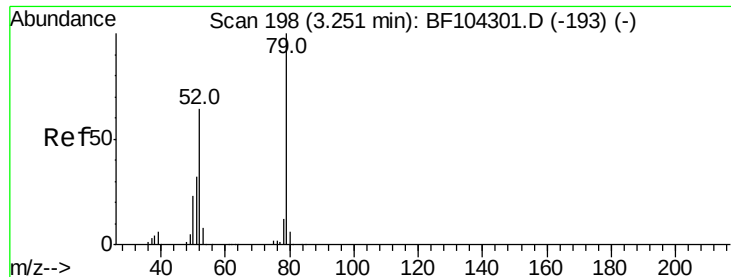
1,4-Dioxane  
Concen: 33.799 ng  
RT: 2.48 min Scan# 66  
Delta R.T. -0.04 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion: 88 Resp: 102096  
Ion Ratio Lower Upper  
88 100  
58 66.6 62.6 93.8  
43 25.4 24.6 37.0



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





#3

Pvridine

Concen: 34.011 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.04 min

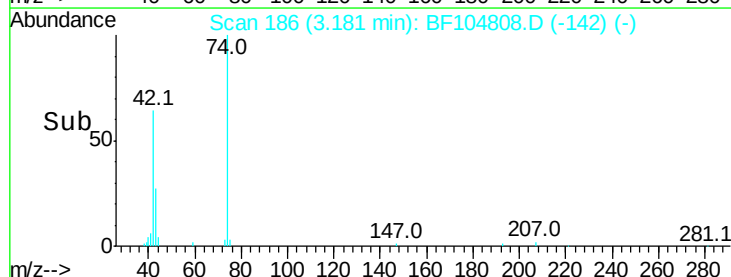
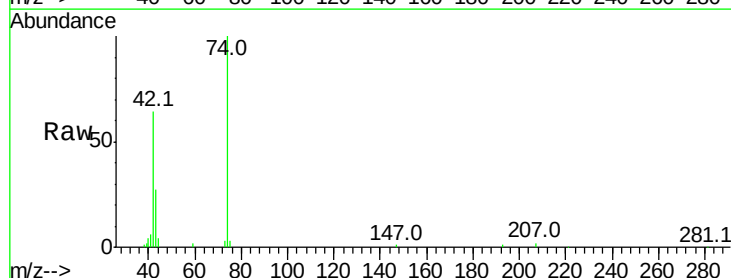
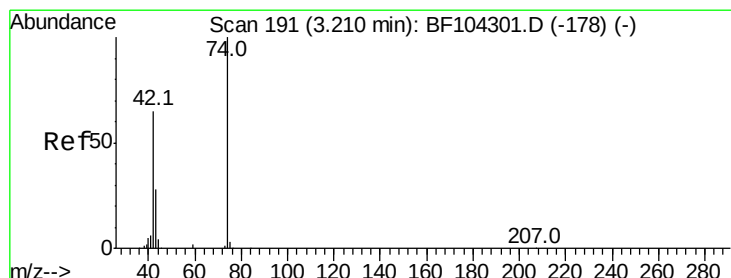
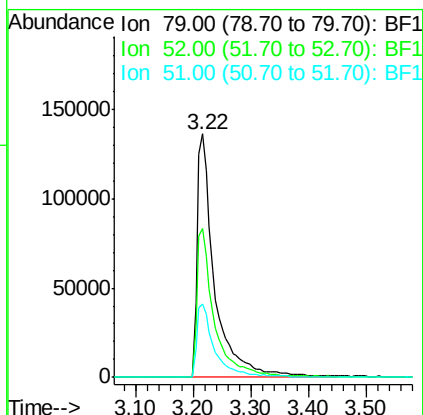
Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 79 Resp: 288852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 60.9  | 59.8  | 89.6  |
| 51  | 29.9  | 29.8  | 44.8  |



#4

n-Nitrosodimethylamine

Concen: 32.254 ng

RT: 3.18 min Scan# 186

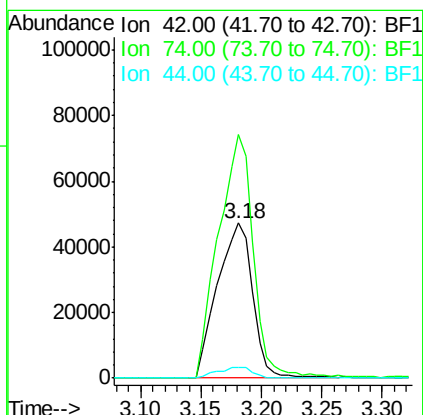
Delta R.T. -0.04 min

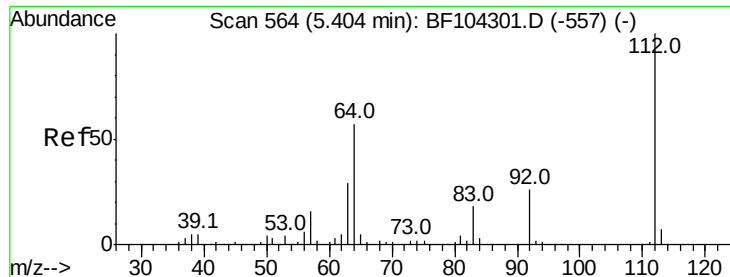
Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Tgt Ion: 42 Resp: 95755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 157.0 | 104.9 | 157.3 |
| 44  | 6.9   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 75.667 ng

RT: 5.41 min Scan# 565

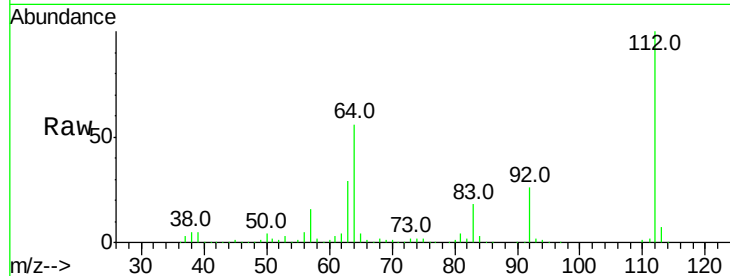
Delta R.T. -0.01 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampled :

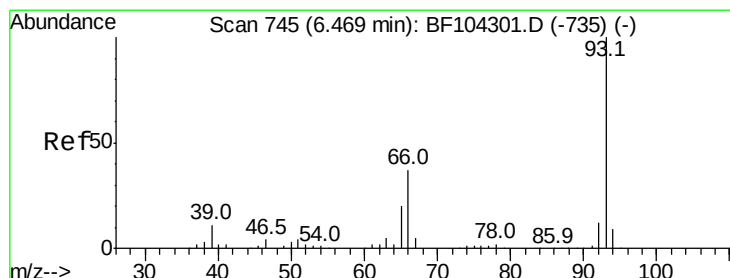
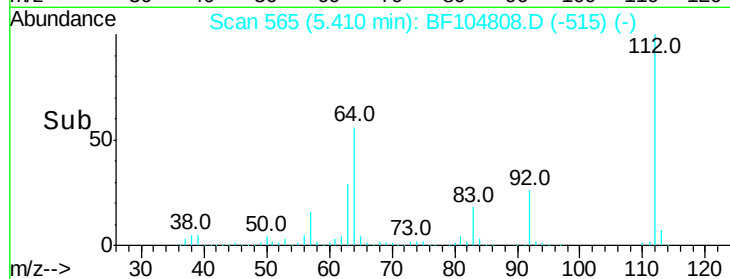
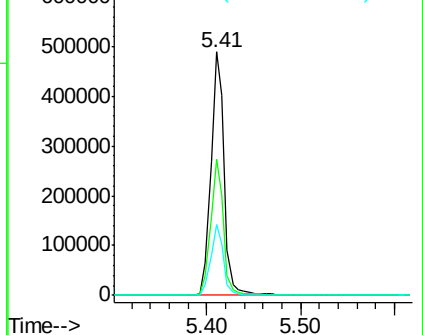
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 490534 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 55.9  | 47.9  | 71.9   |
| 63       | 28.8  | 23.7  | 35.5   |



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.369 ng

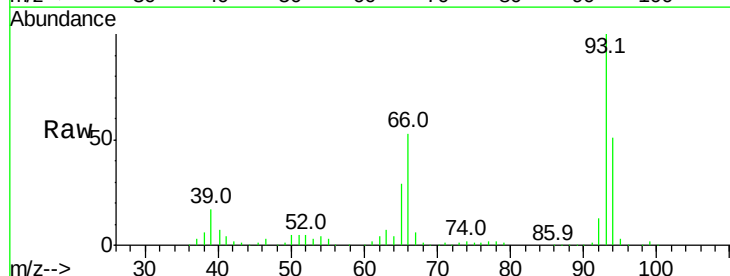
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

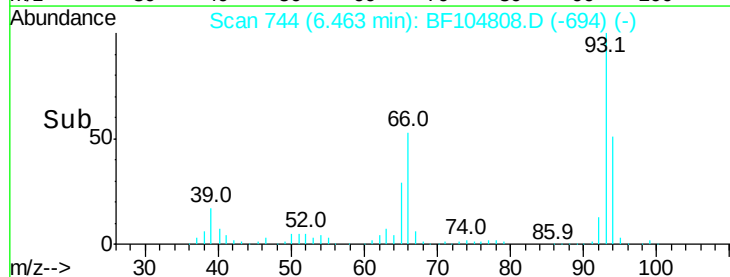
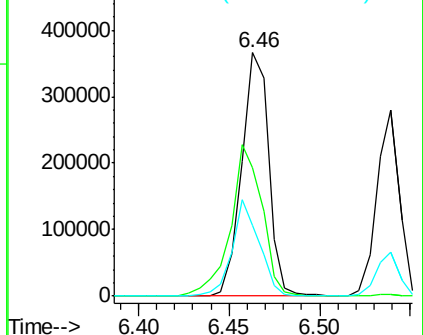
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 380343 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 52.5  | 32.2  | 48.2#  |
| 65       | 29.3  | 16.4  | 24.6#  |

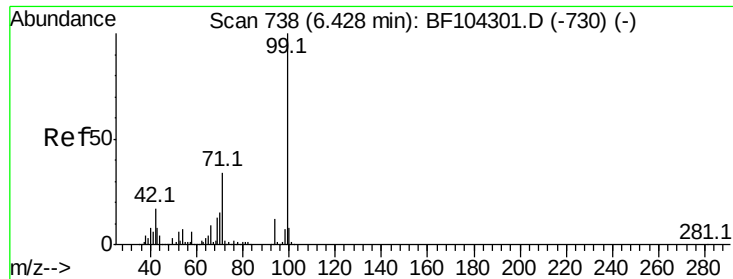


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.516 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

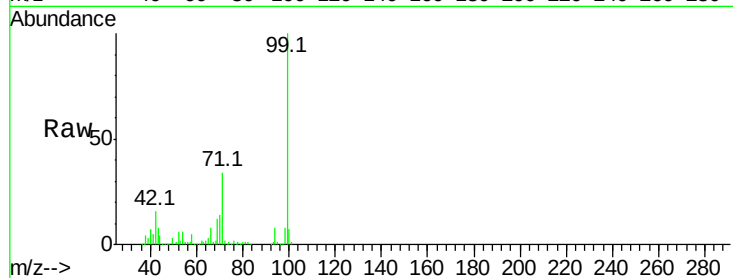
Tot Ion: 99 Resp: 585579

Ion Ratio Lower Upper

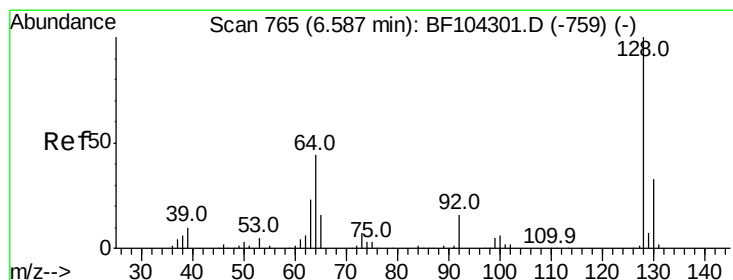
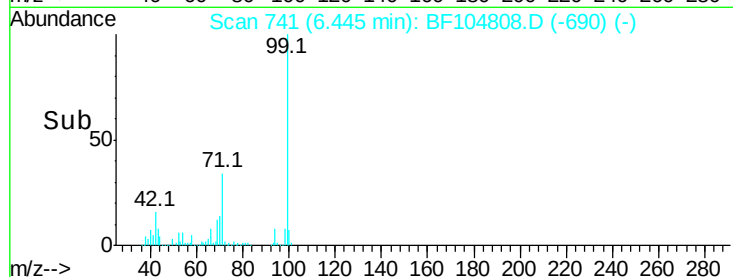
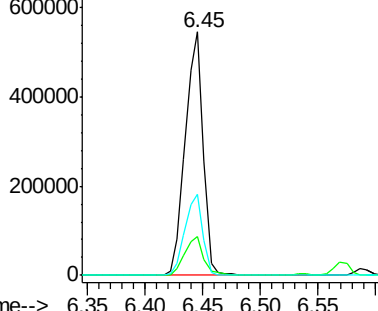
99 100

42 15.8 14.5 21.7

71 33.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.938 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

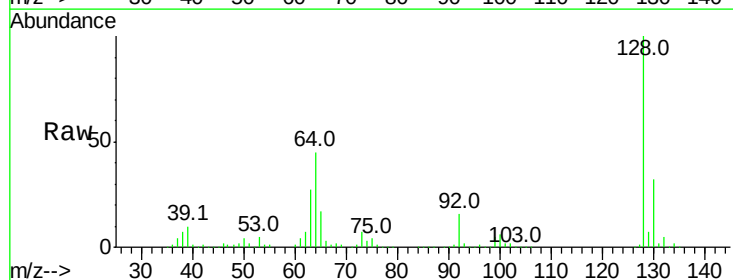
Tgt Ion:128 Resp: 266433

Ion Ratio Lower Upper

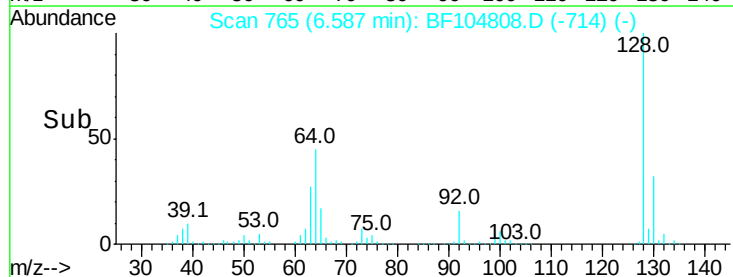
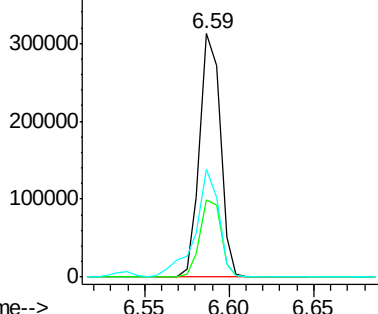
128 100

130 31.9 13.0 53.0

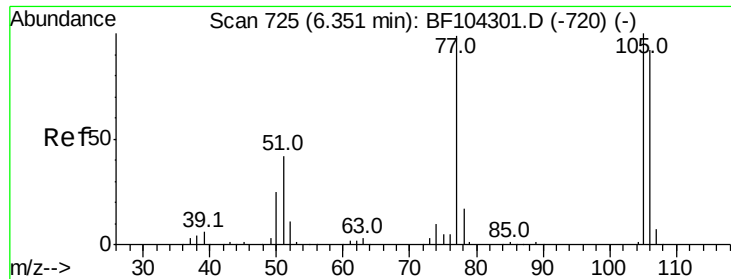
64 44.6 29.4 69.4



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



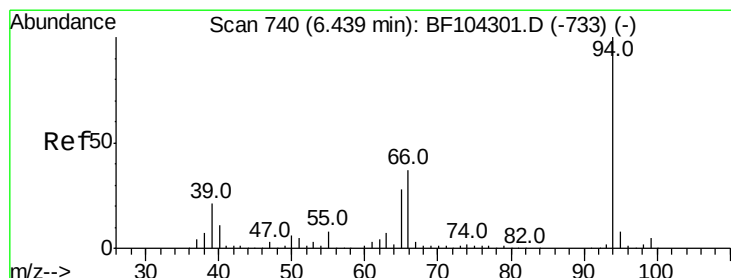
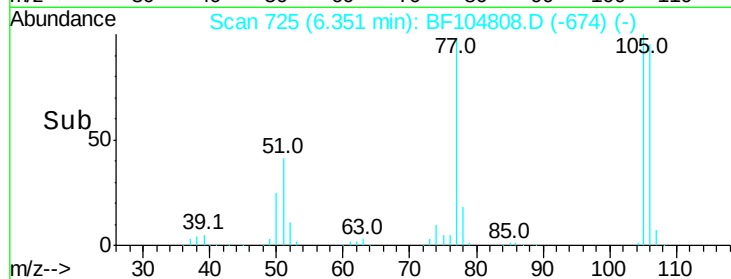
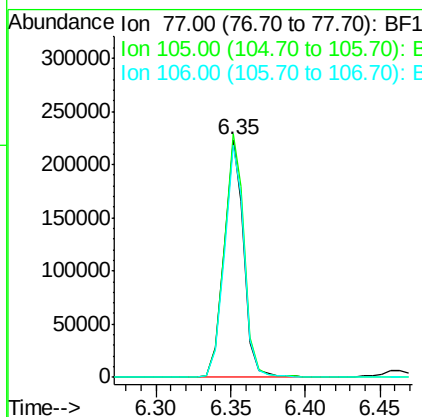
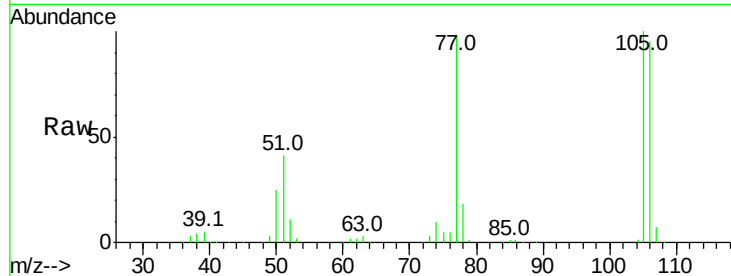




#9  
Benzaldehyde  
Concen: 62.807 ng  
RT: 6.35 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

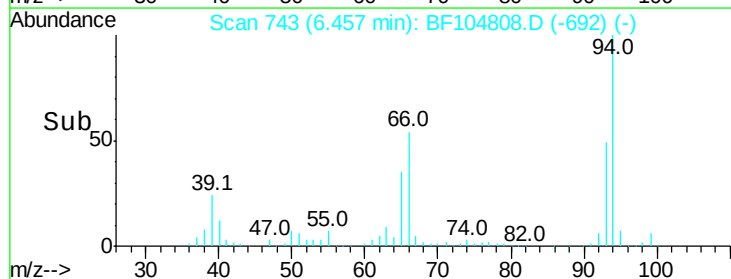
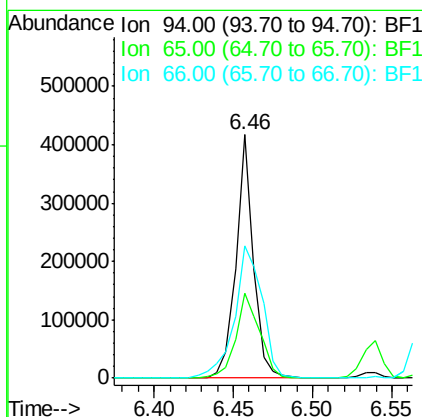
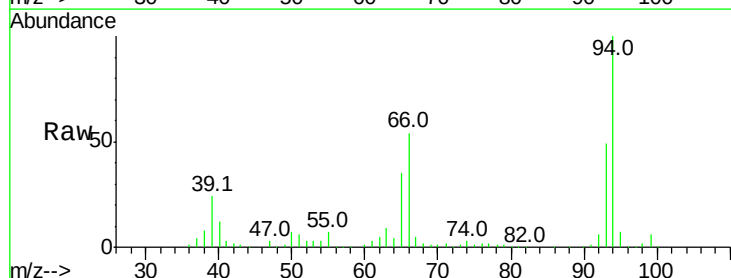
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 77 Resp: 207745  
Ion Ratio Lower Upper  
77 100  
105 102.4 81.1 121.1  
106 97.5 74.5 114.5

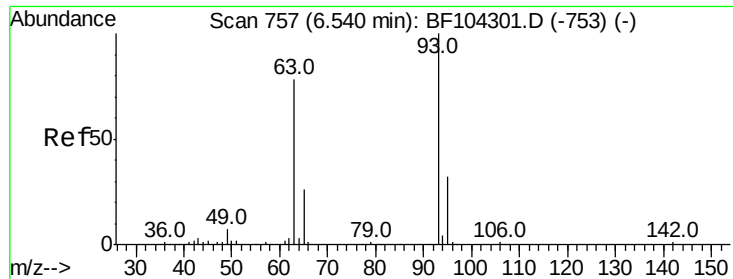


#10  
Phenol  
Concen: 37.767 ng  
RT: 6.46 min Scan# 743  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion: 94 Resp: 319184  
Ion Ratio Lower Upper  
94 100  
65 34.9 7.9 47.9  
66 54.4 16.2 56.2







#11

bis(2-Chloroethyl)ether

Concen: 35.546 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

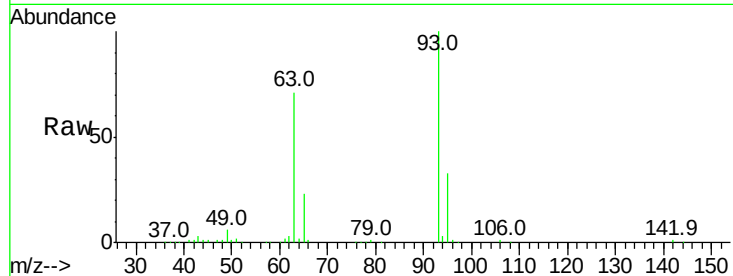
Tot Ion: 93 Resp: 239731

Ion Ratio Lower Upper

93 100

63 71.4 58.6 98.6

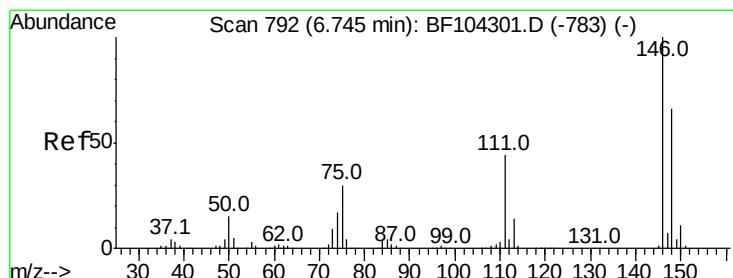
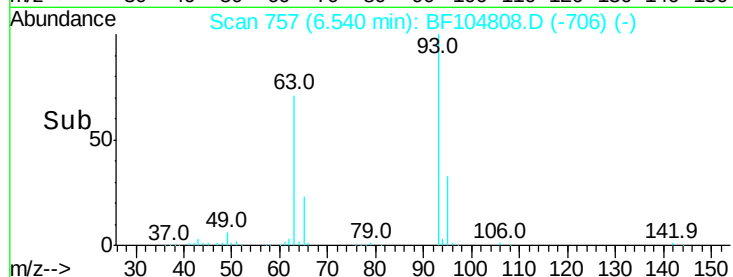
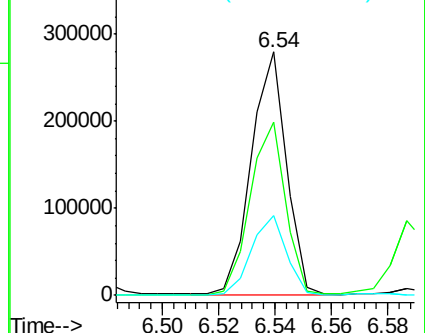
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.450 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

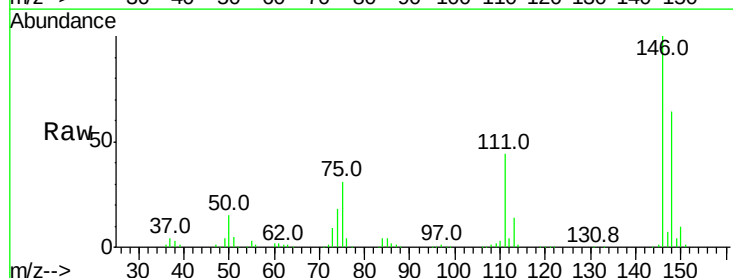
Tgt Ion: 146 Resp: 298050

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

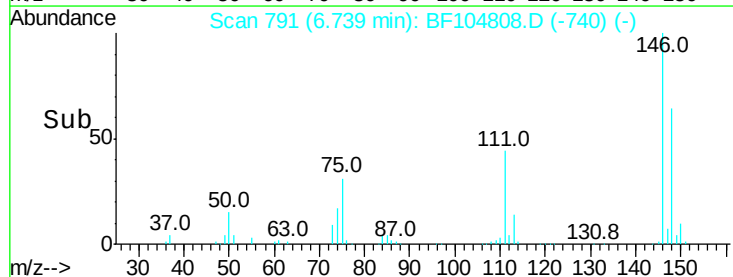
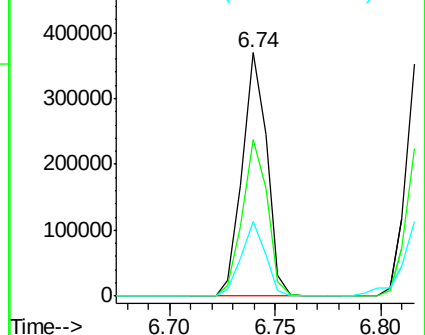
75 30.8 24.2 36.4

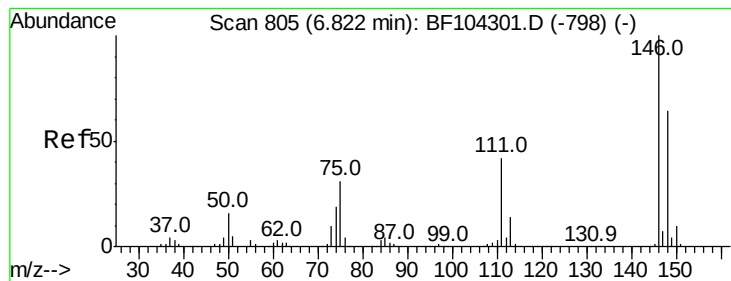


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.139 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampled :

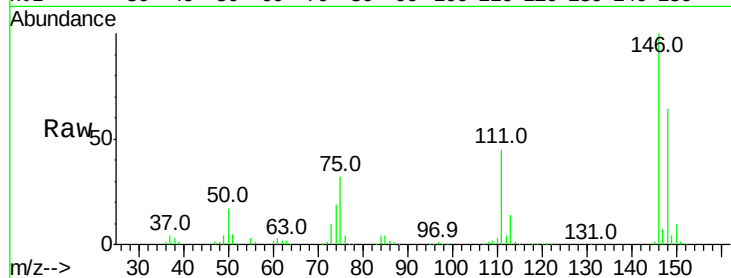
Tot Ion:146 Resp: 302432

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

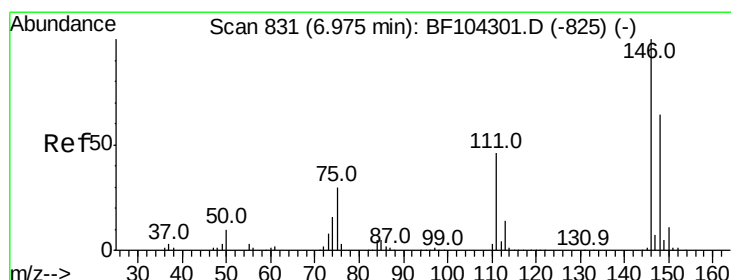
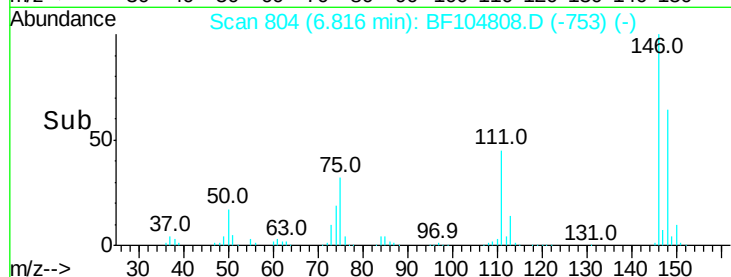
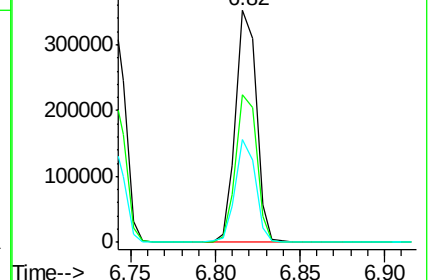
111 44.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.682 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

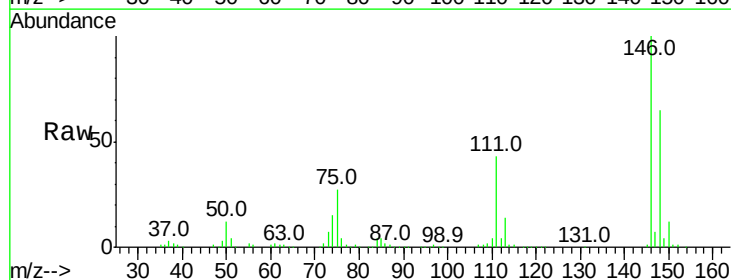
Tgt Ion:146 Resp: 284153

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

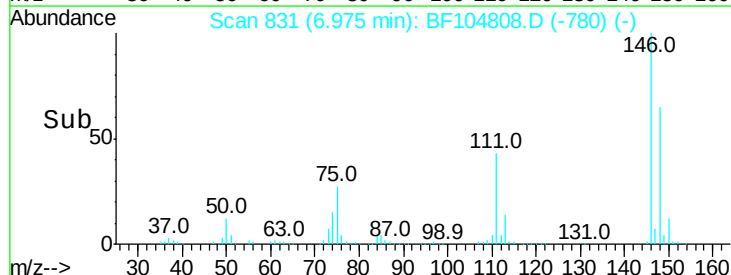
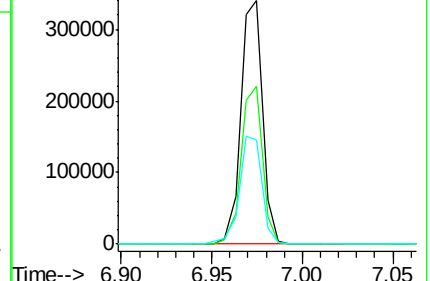
111 42.8 36.0 54.0

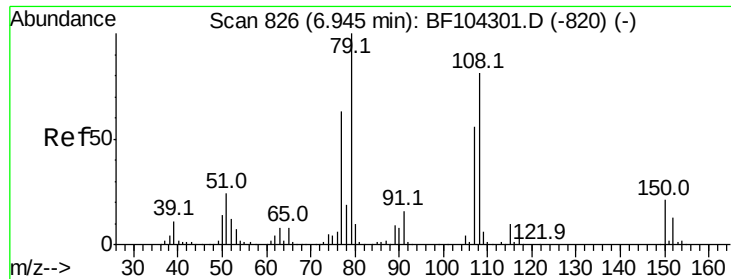


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

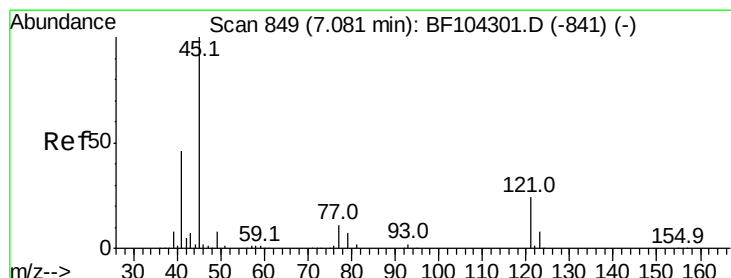
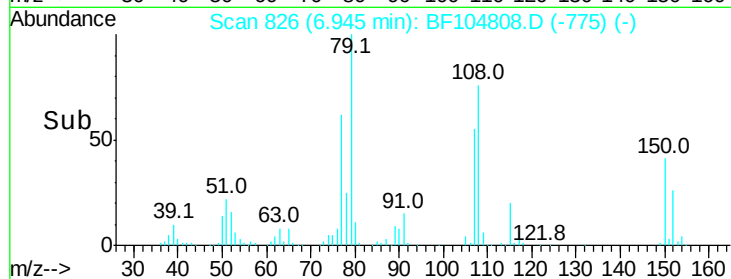
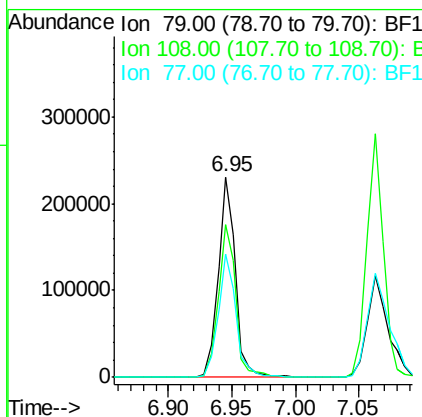
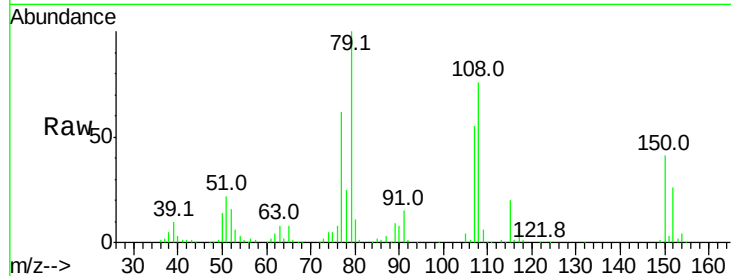




#15  
Benzyl Alcohol  
Concen: 36.425 ng  
RT: 6.95 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

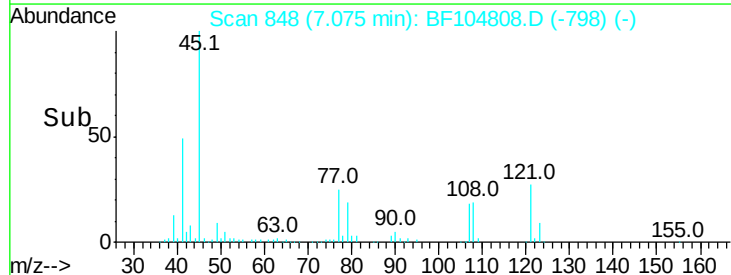
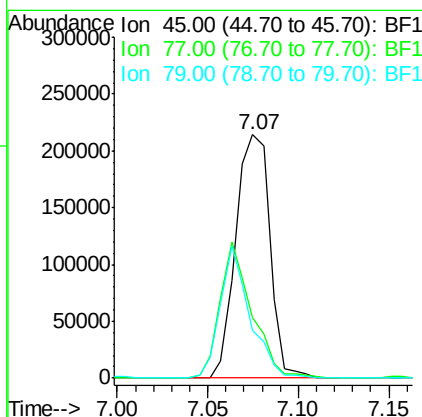
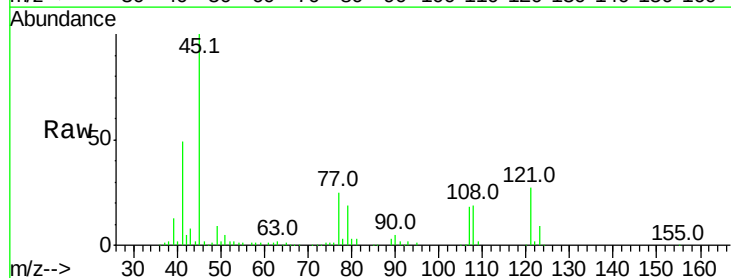
Instrument :  
BNA\_F  
ClientSampleId :

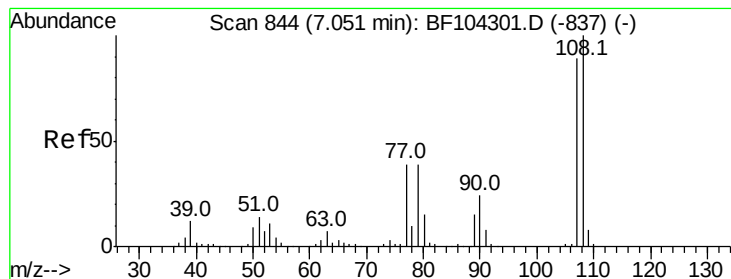
Tot Ion: 79 Resp: 220368  
Ion Ratio Lower Upper  
79 100  
108 76.3 65.1 97.7  
77 61.6 50.6 75.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 31.115 ng  
RT: 7.07 min Scan# 848  
Delta R.T. -0.01 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion: 45 Resp: 281821  
Ion Ratio Lower Upper  
45 100  
77 24.7 0.0 32.9  
79 19.4 0.0 29.6

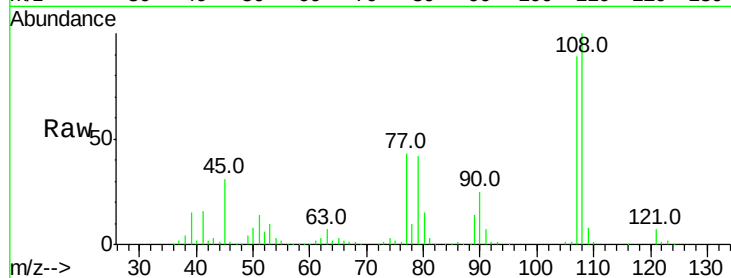




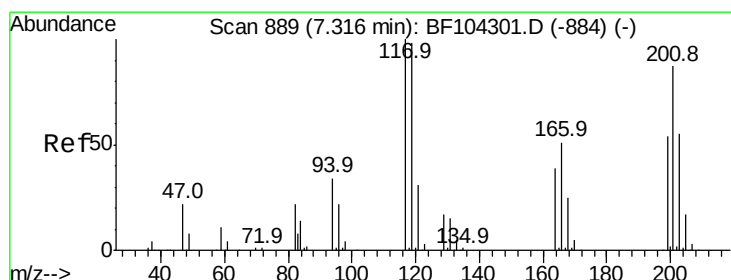
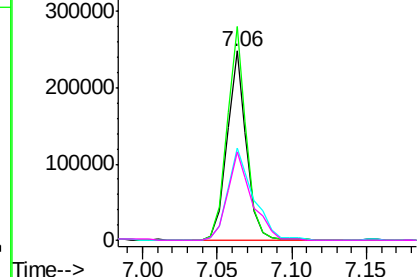
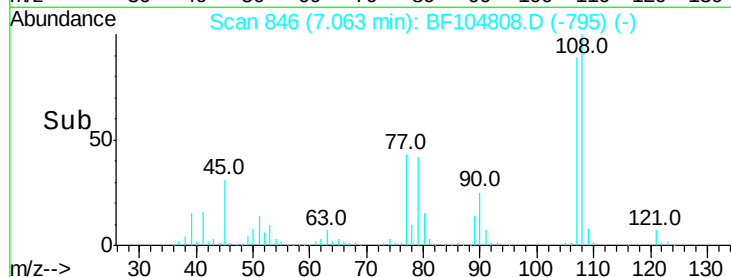
#17  
2-Methylphenol  
Concen: 37.888 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 225352  
Ion Ratio Lower Upper  
107 100  
108 112.9 91.7 137.5  
77 48.5 33.8 50.8  
79 46.9 33.8 50.8

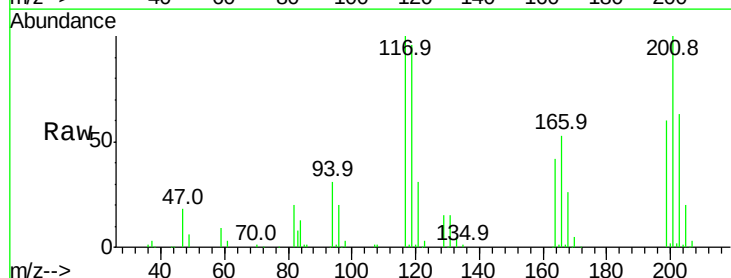


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

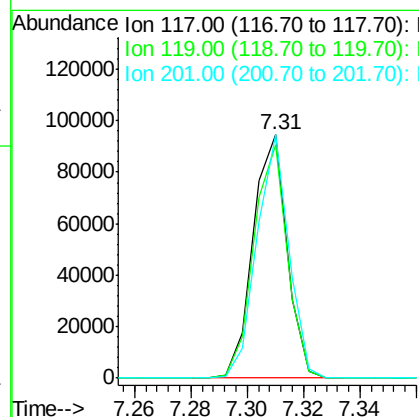
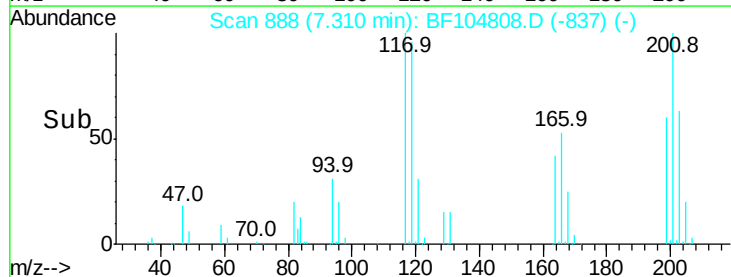


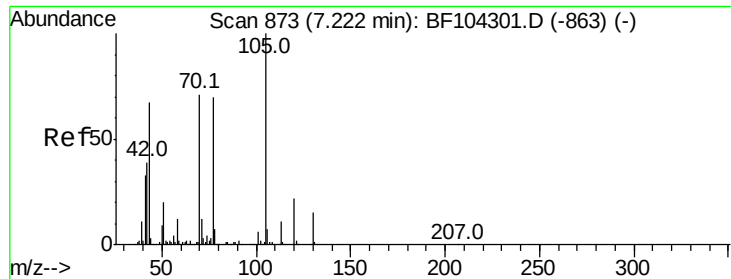
#18  
Hexachloroethane  
Concen: 28.656 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion:117 Resp: 78950  
Ion Ratio Lower Upper  
117 100  
119 96.0 75.8 113.8  
201 100.0 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

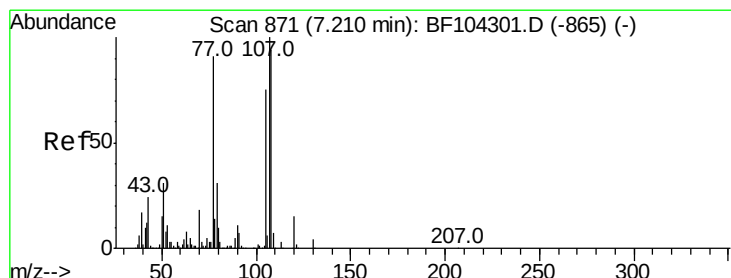
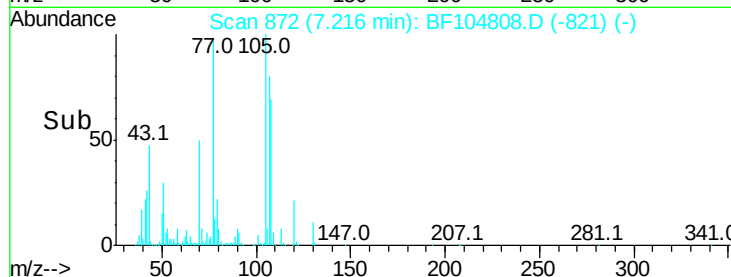
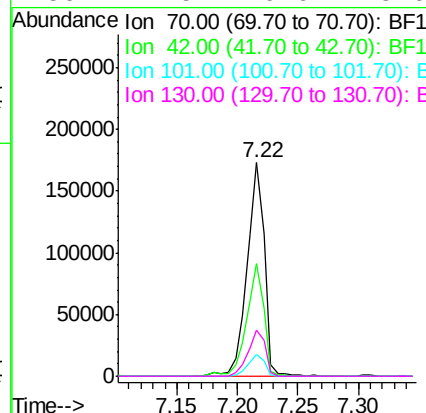
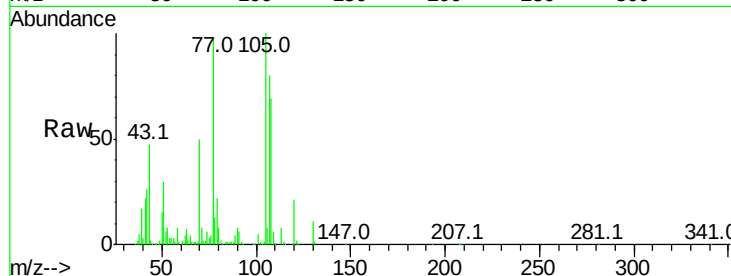




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.412 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

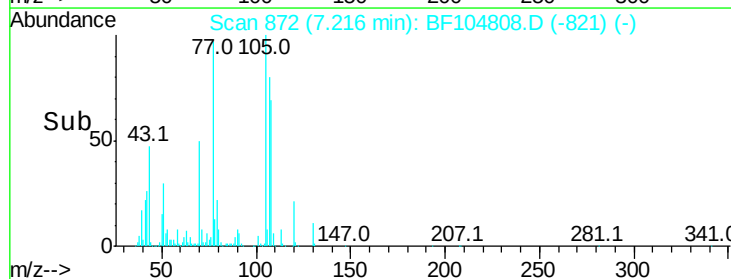
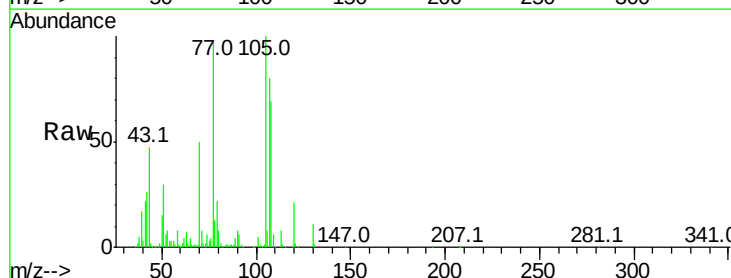
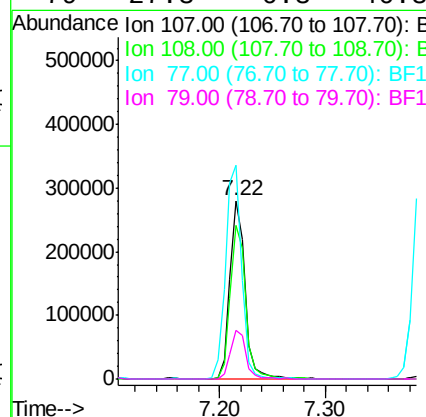
Instrument :  
BNA\_F  
ClientSampleId :

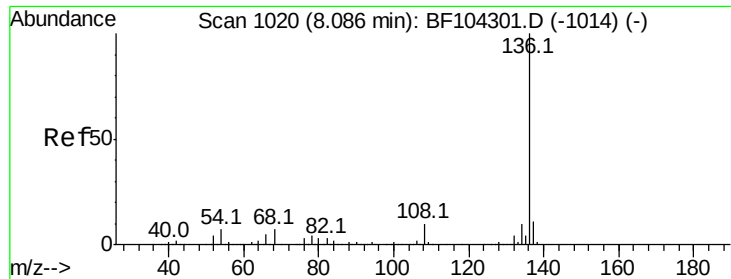
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.7  | 47.5  | 71.3  |
| 101     | 10.3  | 7.4   | 11.2  |
| 130     | 21.5  | 16.6  | 25.0  |



#20  
3+4-Methylphenols  
Concen: 37.900 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.4  | 68.2  | 108.2 |
| 77      | 120.0 | 26.7  | 66.7# |
| 79      | 27.3  | 6.3   | 46.3  |

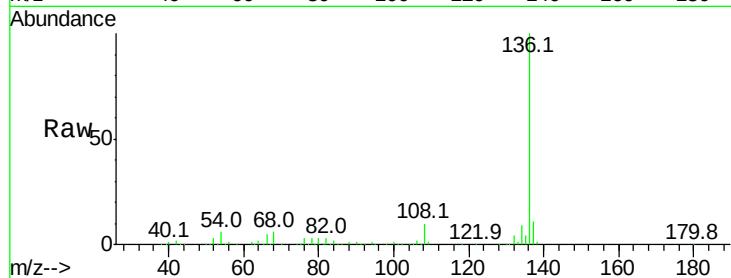




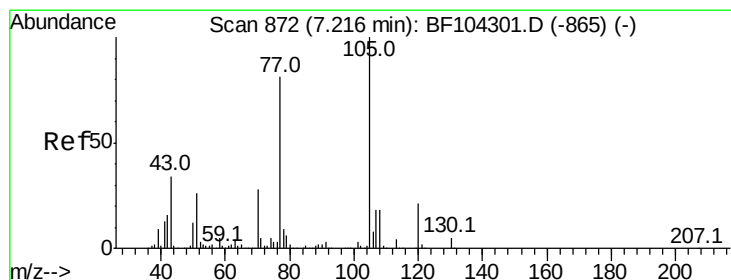
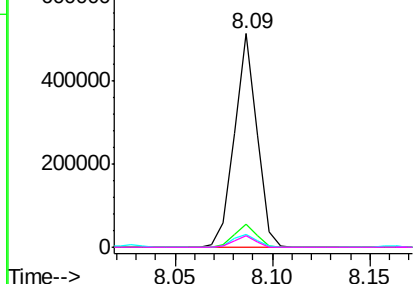
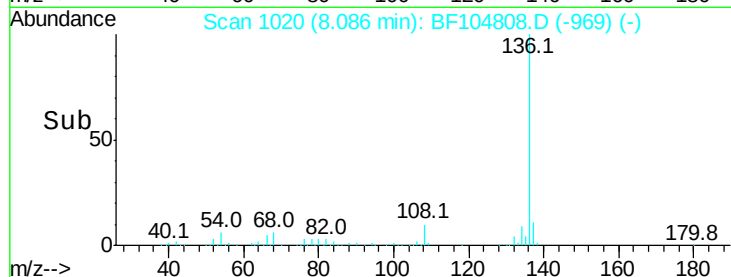
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 407990   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 8.9 13.3 |
| 54          | 6.3   | 6.6 9.8# |
| 68          | 5.6   | 5.0 7.4  |

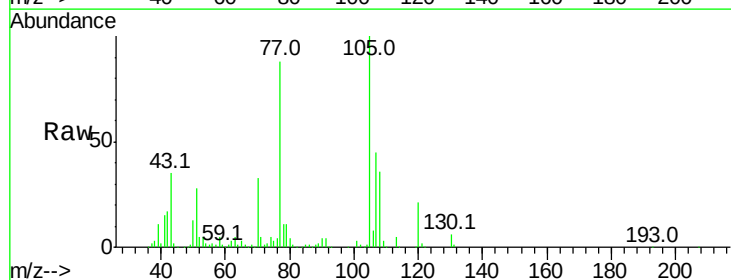


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

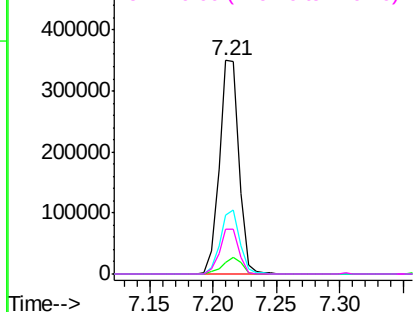
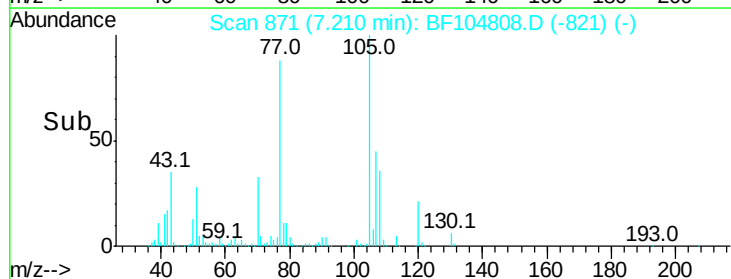


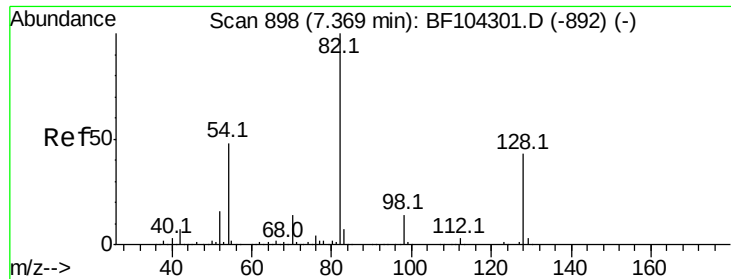
#22  
Acetophenone  
Concen: 37.506 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 376729    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.4   | 4.4 6.6   |
| 51          | 27.8  | 22.3 33.5 |
| 120         | 21.0  | 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

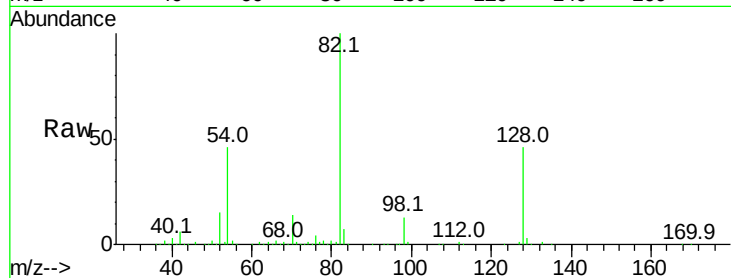




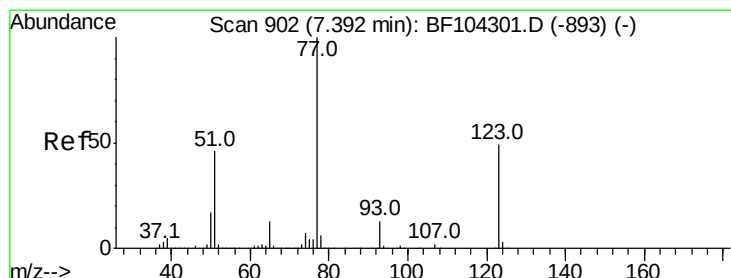
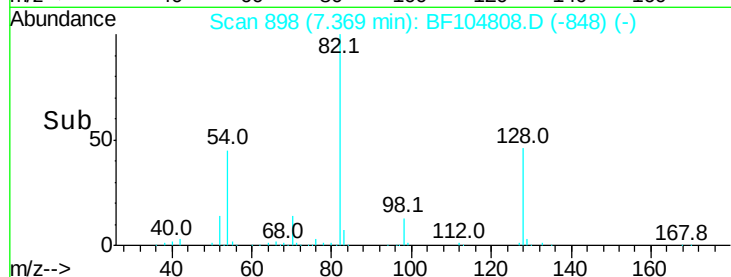
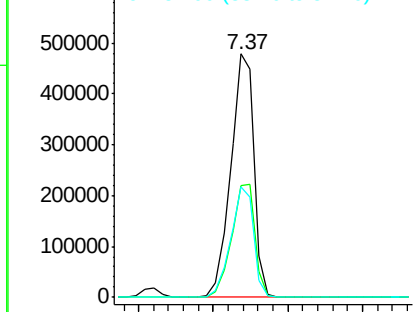
#23  
 Nitrobenzene-d5  
 Concen: 83.871 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. -0.01 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 524033  
 Ion Ratio Lower Upper  
 82 100  
 128 46.0 36.1 54.1  
 54 45.6 41.4 62.2

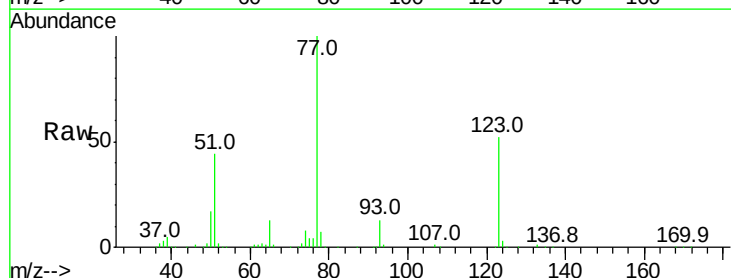


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

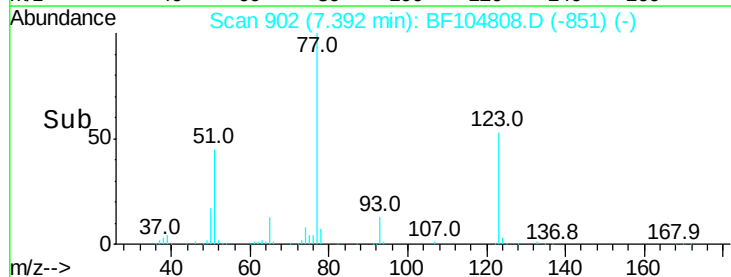
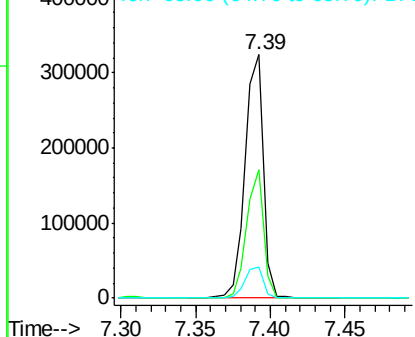


#24  
 Nitrobenzene  
 Concen: 39.858 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

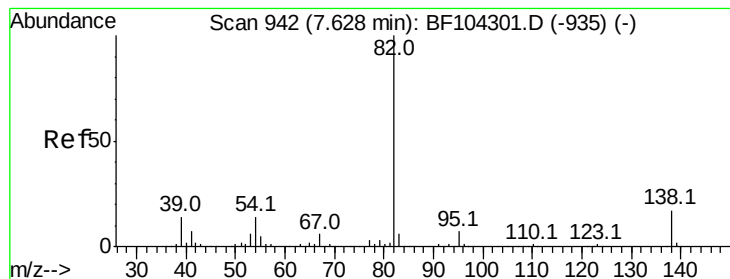
Tgt Ion: 77 Resp: 274953  
 Ion Ratio Lower Upper  
 77 100  
 123 52.5 37.9 56.9  
 65 12.7 11.0 16.4



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







#25

Isophorone

Concen: 34.303 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

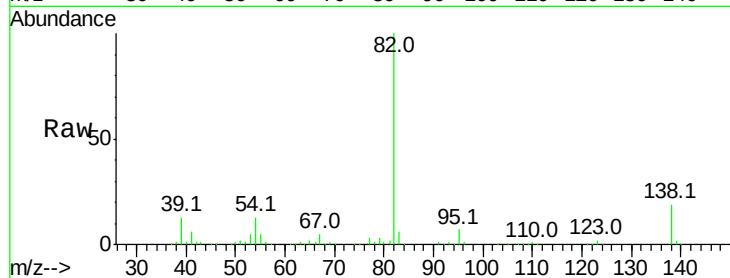
Tot Ion: 82 Resp: 453230

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

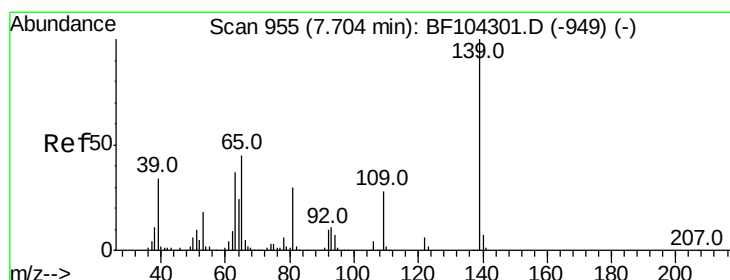
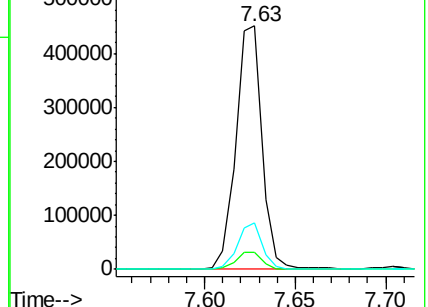
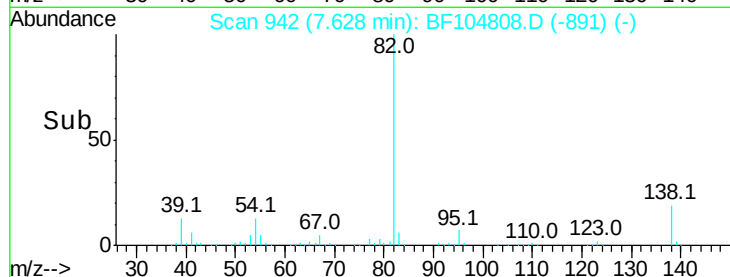
138 19.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.679 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

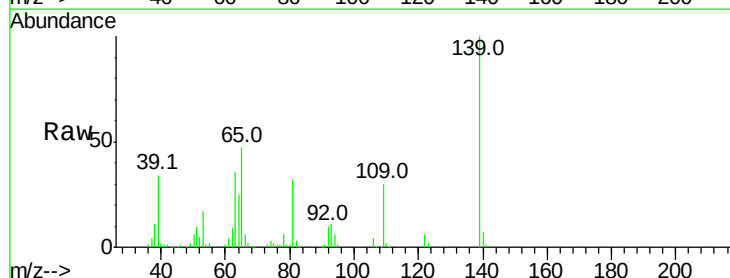
Tgt Ion: 139 Resp: 133897

Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

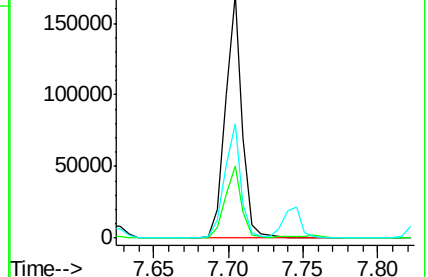
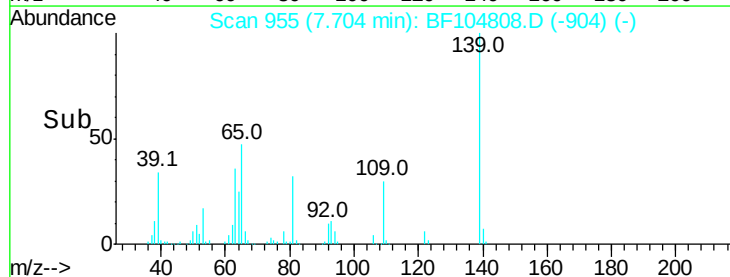
65 47.1 40.5 60.7

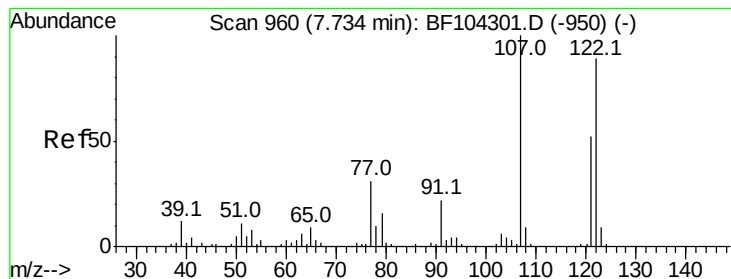


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 34.625 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

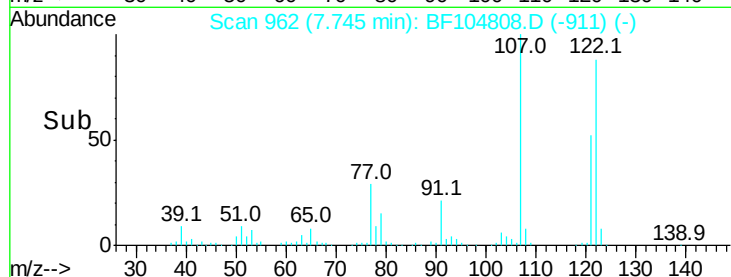
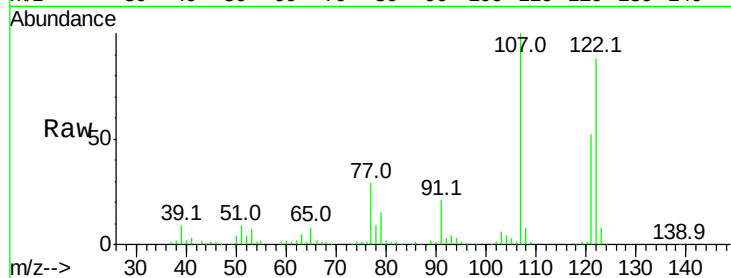
Tot Ion:122 Resp: 201901

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

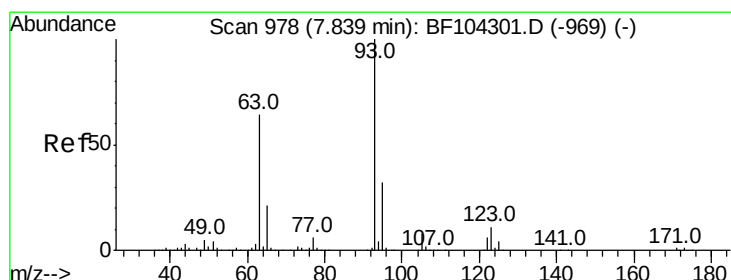
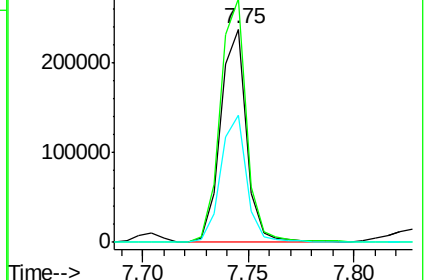
121 59.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.176 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

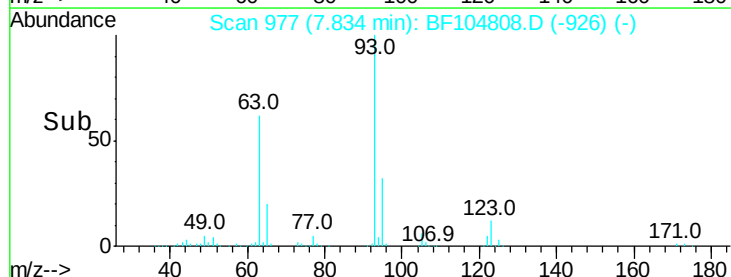
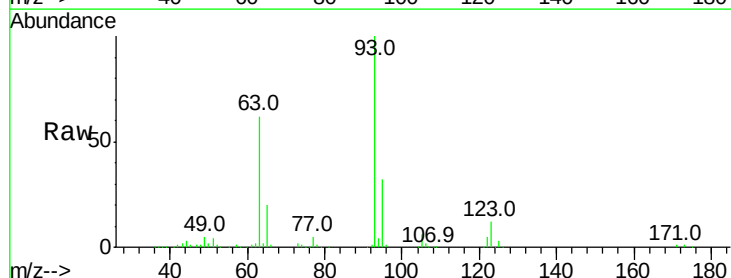
Tgt Ion: 93 Resp: 284160

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

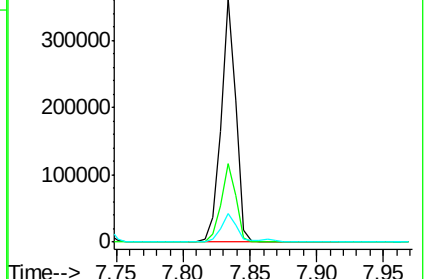
123 11.5 9.8 14.6

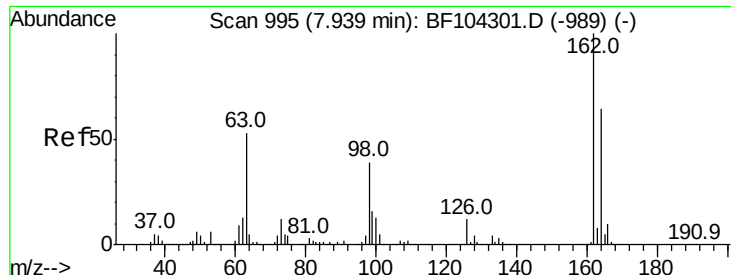


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.134 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

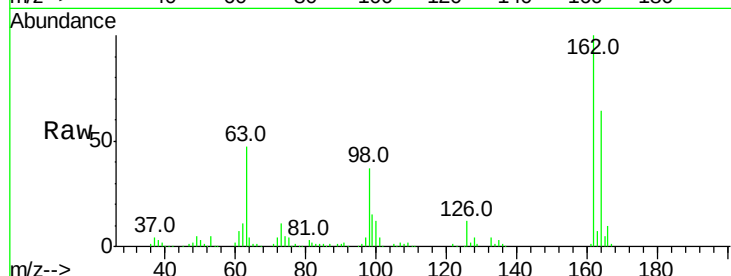
Tot Ion:162 Resp: 212169

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

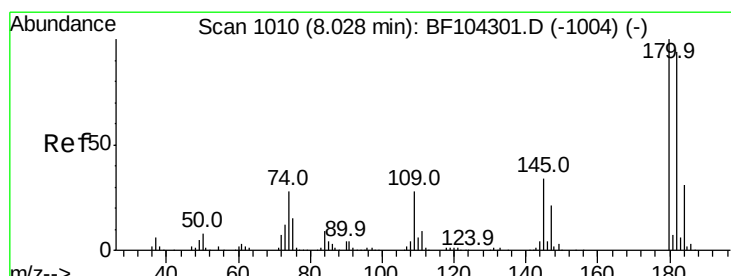
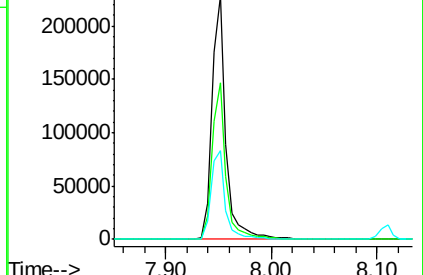
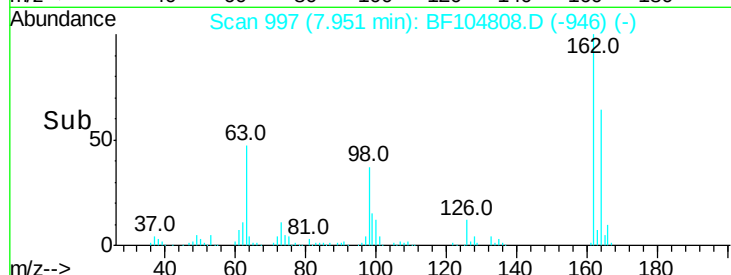
98 36.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.766 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

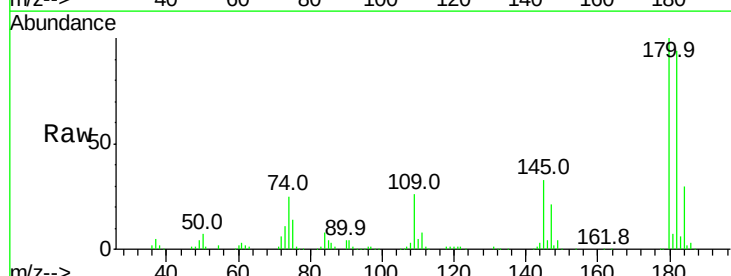
Tgt Ion:180 Resp: 236705

Ion Ratio Lower Upper

180 100

182 94.1 76.8 115.2

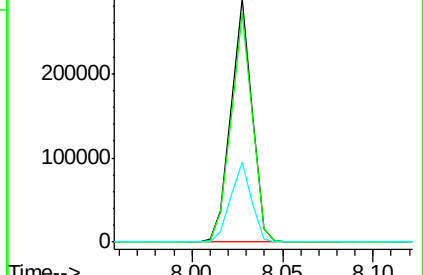
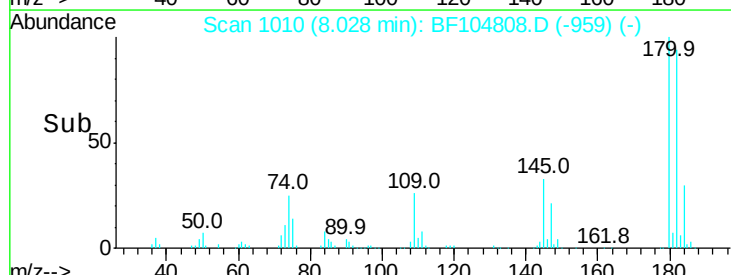
145 32.6 26.5 39.7

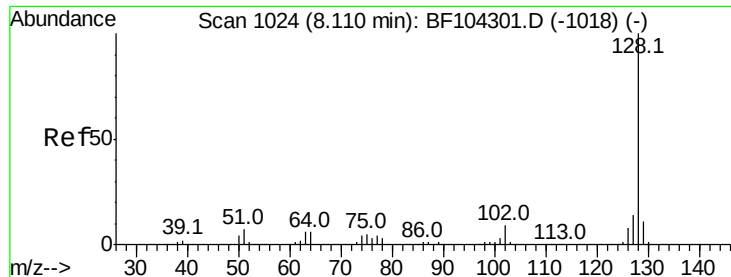


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.653 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

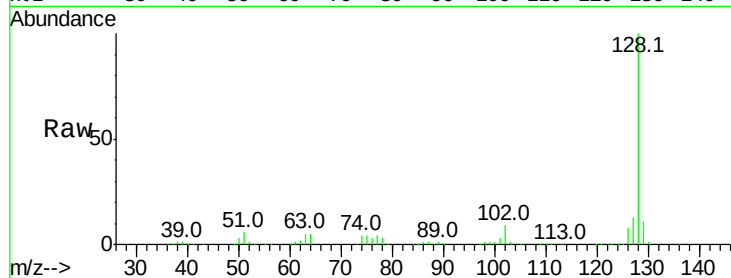
Tot Ion:128 Resp: 764942

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

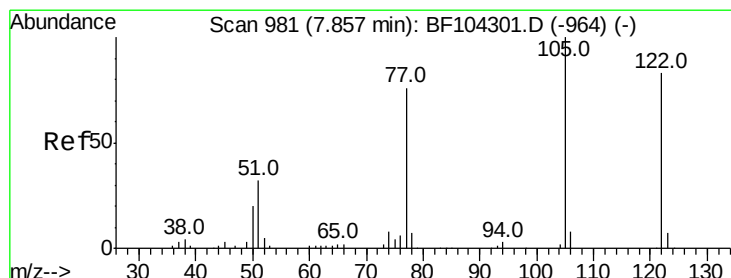
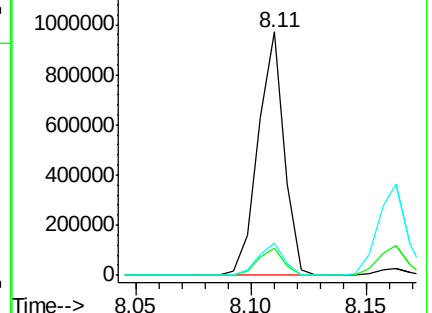
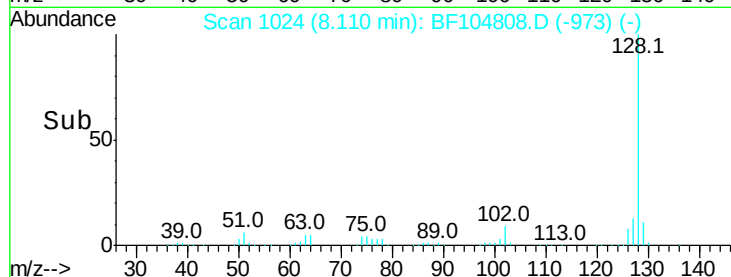
127 13.5 10.9 16.3



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: 26.607 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

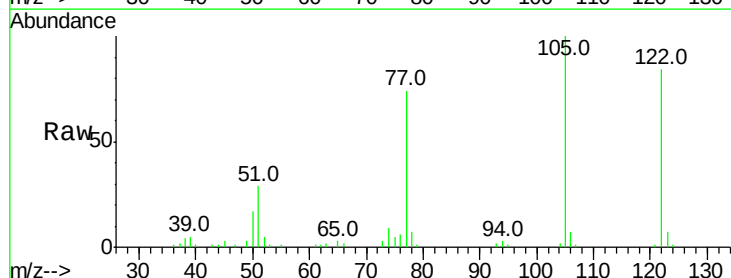
Tgt Ion:122 Resp: 123791

Ion Ratio Lower Upper

122 100

105 119.4 101.1 141.1

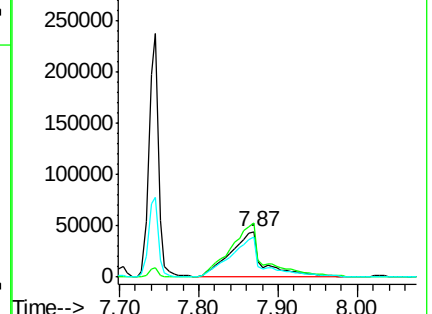
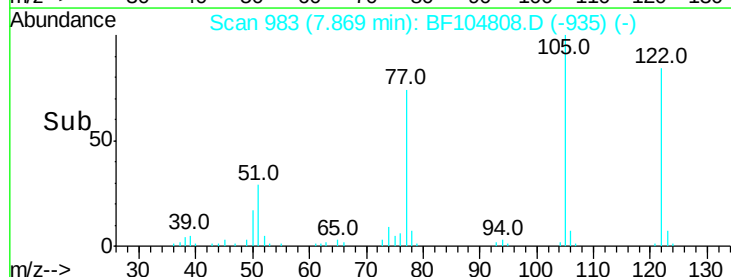
77 87.8 70.7 110.7

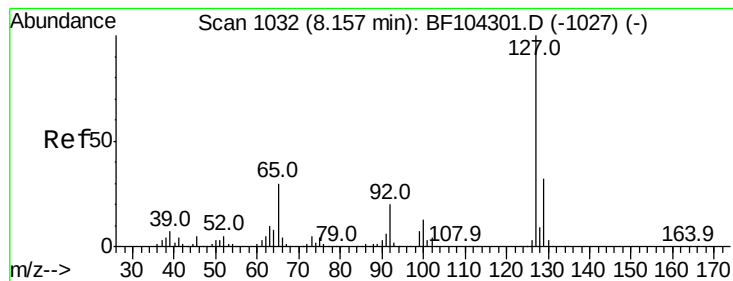


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.245 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 324163

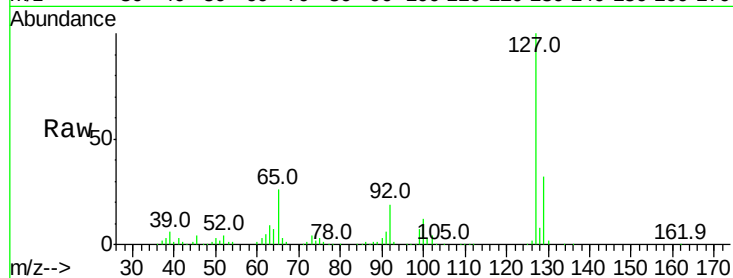
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 26.2 25.0 37.4

92 18.7 15.2 22.8

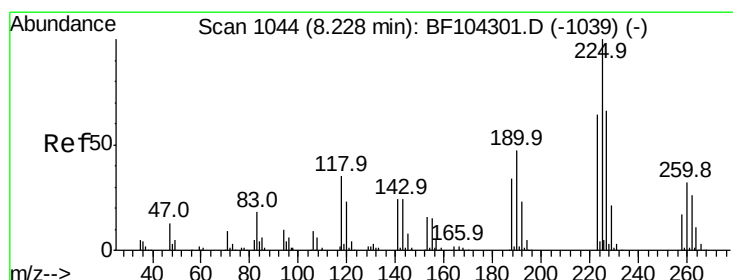
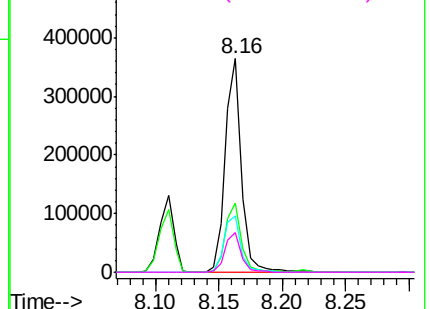
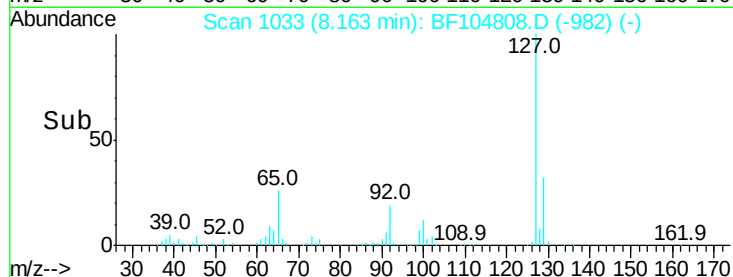


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.846 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

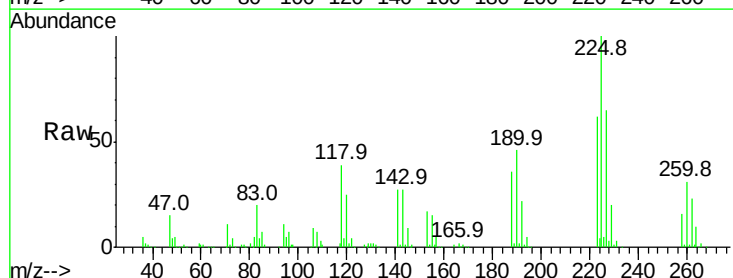
Tgt Ion:225 Resp: 133263

Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

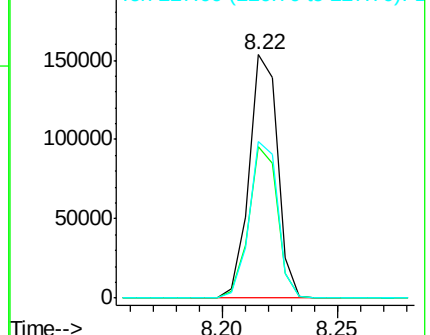
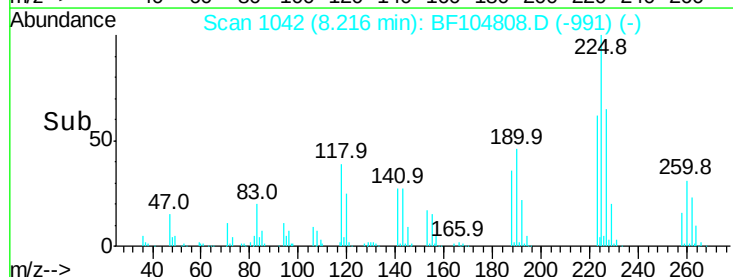
227 64.5 51.9 77.9

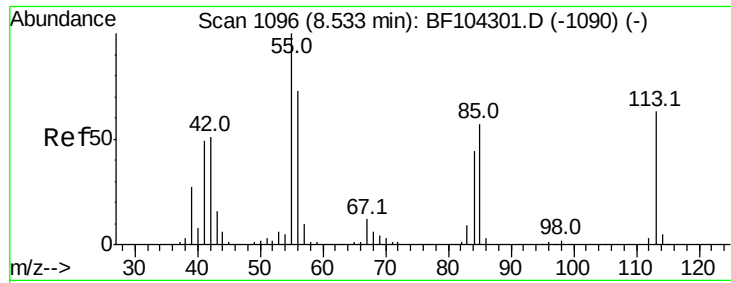


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

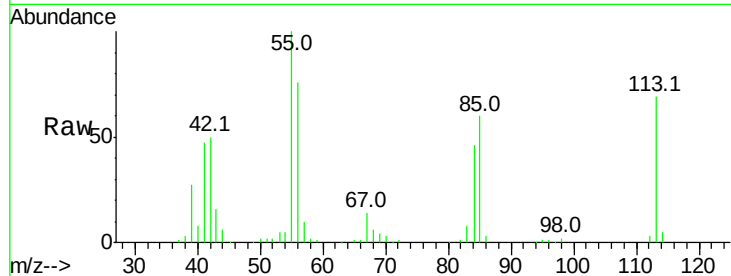




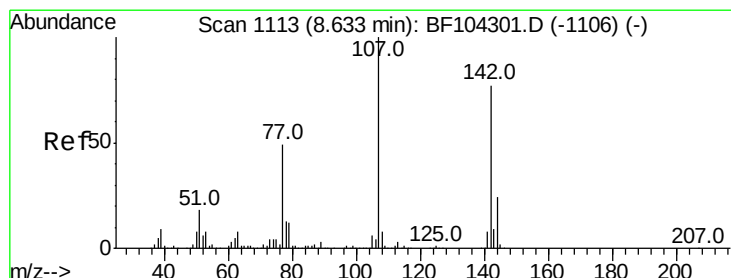
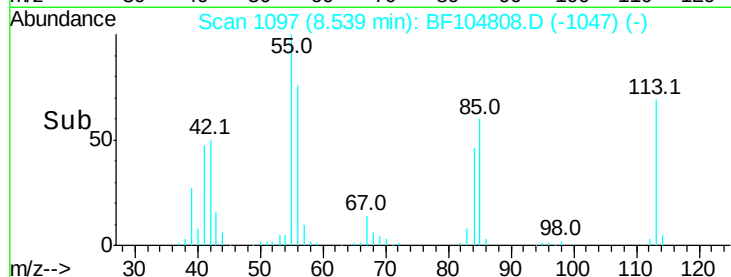
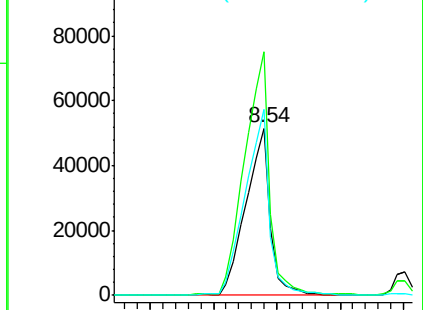
#35  
 Caprolactam  
 Concen: 35.329 ng  
 RT: 8.54 min Scan# 1097  
 Delta R.T. -0.01 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 68570  
 Ion Ratio Lower Upper  
 113 100  
 55 145.6 163.3 203.3#  
 56 111.1 115.7 155.7#

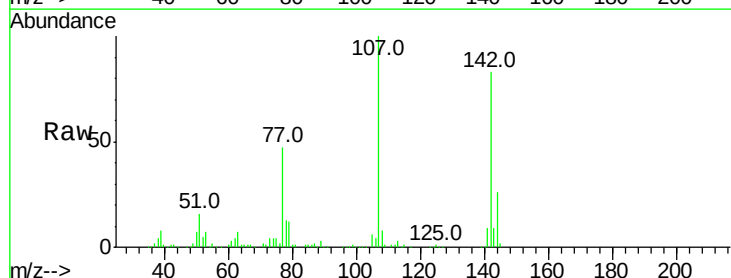


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

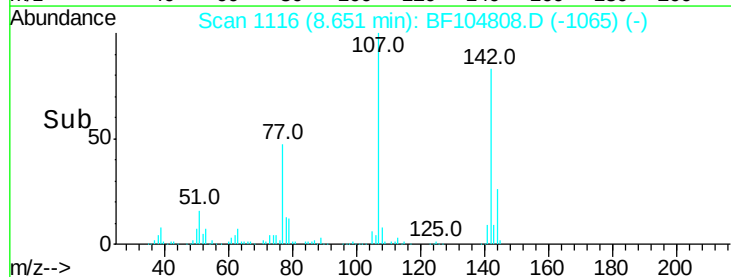
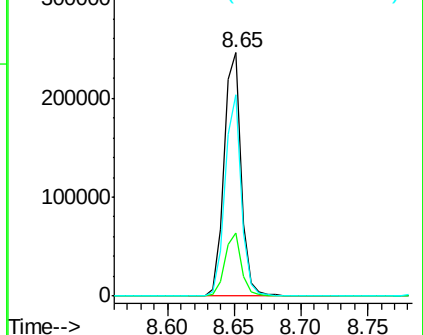


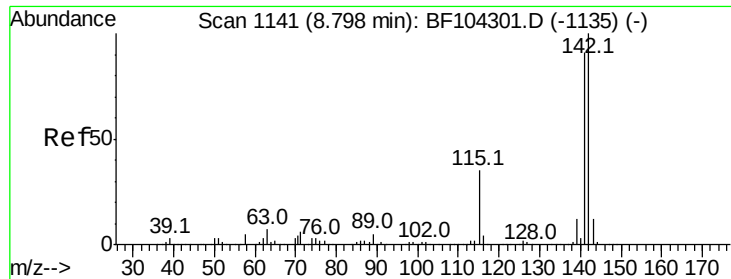
#36  
 4-Chloro-3-methylphenol  
 Concen: 37.705 ng  
 RT: 8.65 min Scan# 1116  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Tgt Ion:107 Resp: 224938  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 20.5 30.7  
 142 82.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

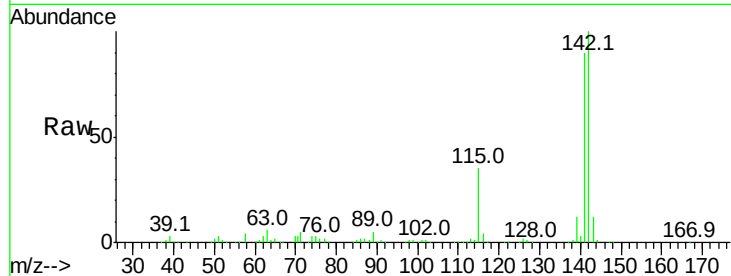




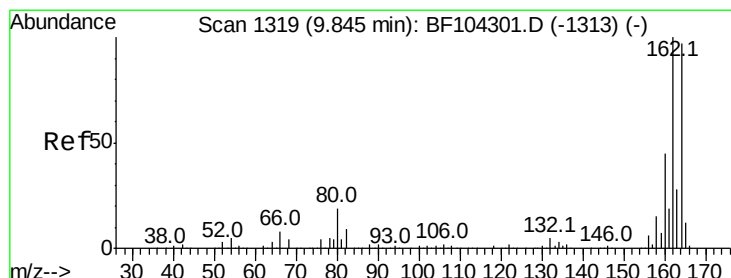
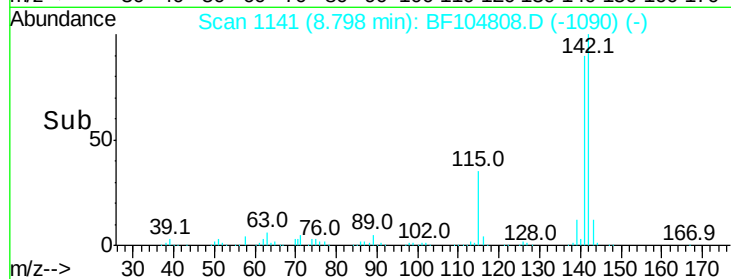
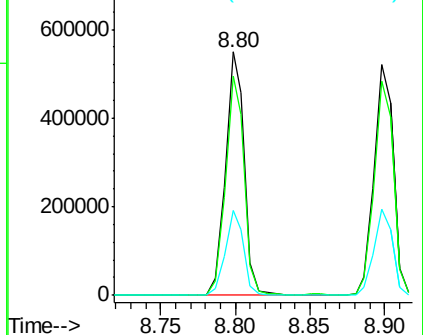
#37  
 2-Methylnaphthalene  
 Concen: 37.342 ng  
 RT: 8.80 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 70.8  | 106.2 |
| 115     | 34.6  | 26.1  | 39.1  |

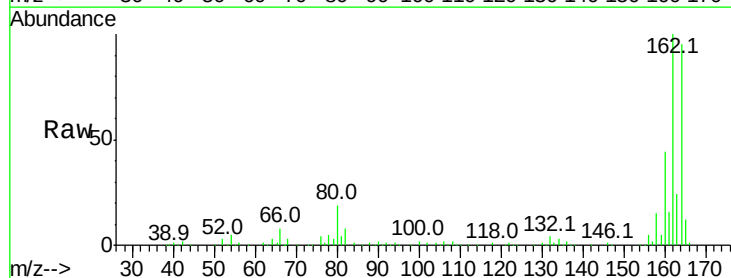


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

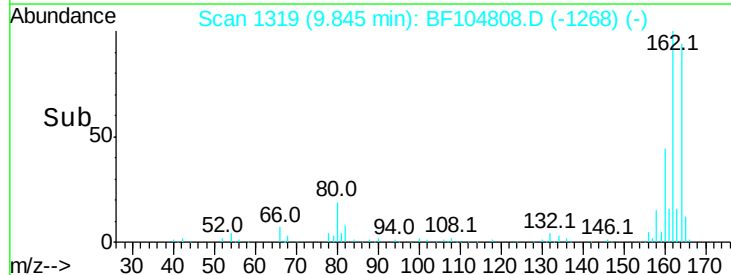
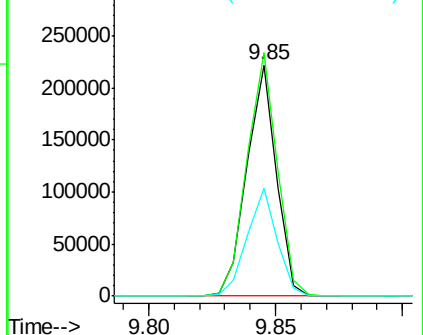


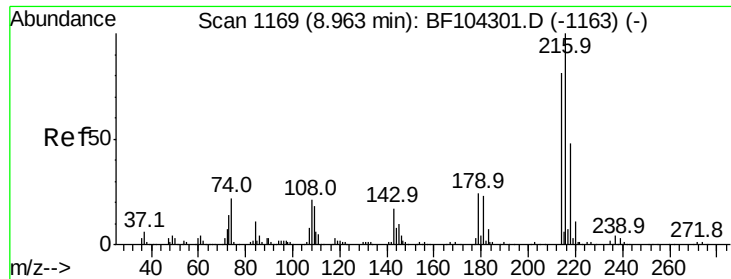
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.3 | 86.1  | 129.1 |
| 160     | 46.4  | 38.3  | 57.5  |



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

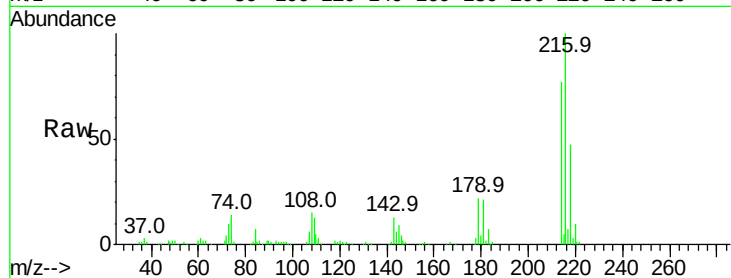




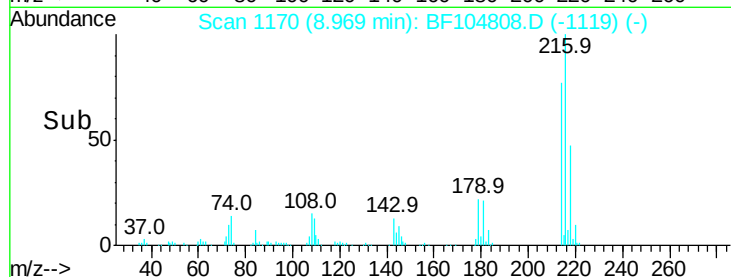
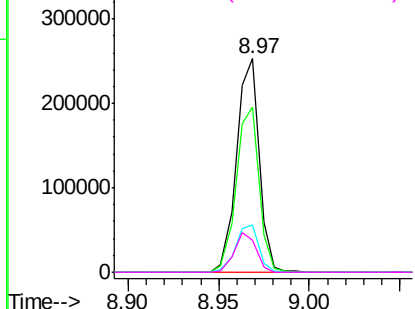
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.794 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Instrument :  
 BNA\_F  
 ClientSampleId :

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 216  | Resp: | 220085 |
| Ion Ratio |      | Lower | Upper  |
| 216       | 100  |       |        |
| 214       | 78.3 | 63.0  | 94.4   |
| 179       | 22.6 | 18.1  | 27.1   |
| 108       | 18.1 | 17.2  | 25.8   |

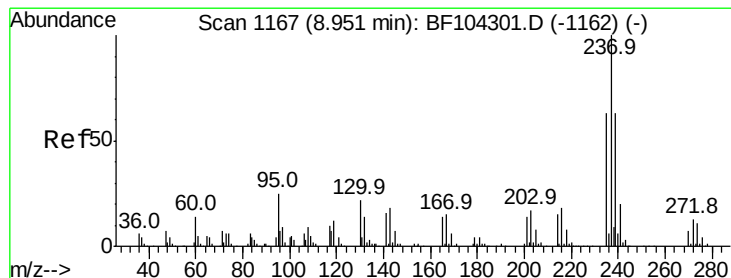


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

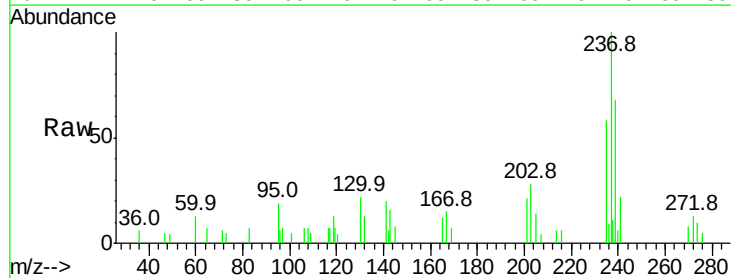
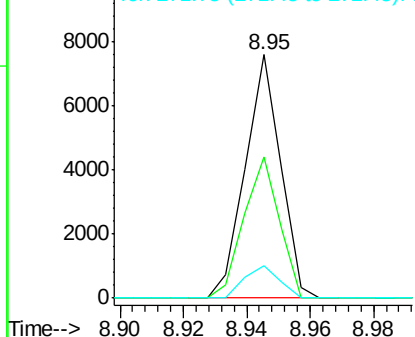


#40  
 Hexachlorocyclopentadiene  
 Concen: 2.036 ng  
 RT: 8.95 min Scan# 1166  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

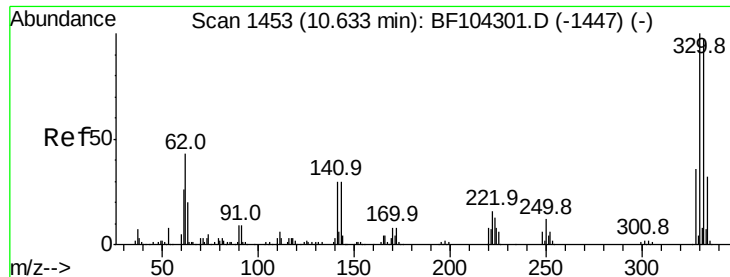
|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 237  | Resp: | 5862  |
| Ion Ratio |      | Lower | Upper |
| 237       | 100  |       |       |
| 235       | 58.1 | 44.8  | 84.8  |
| 272       | 13.5 | 0.0   | 33.3  |



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



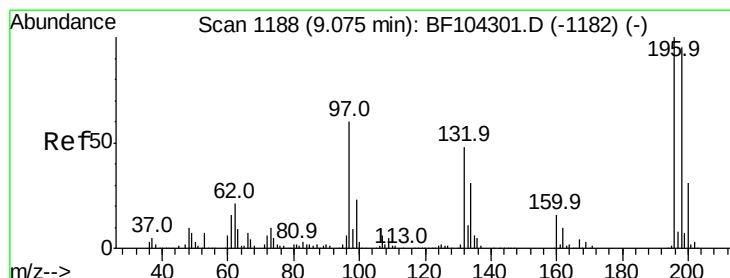
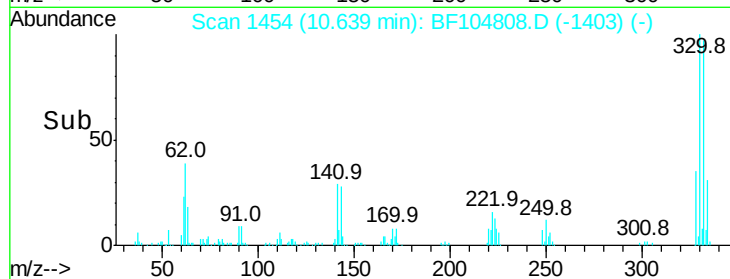
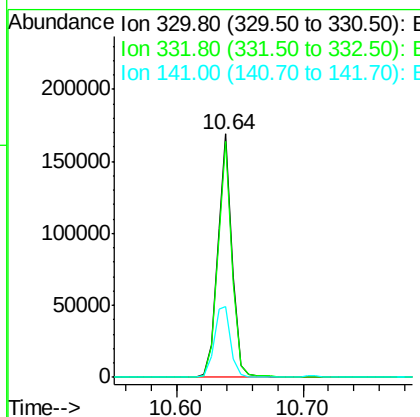
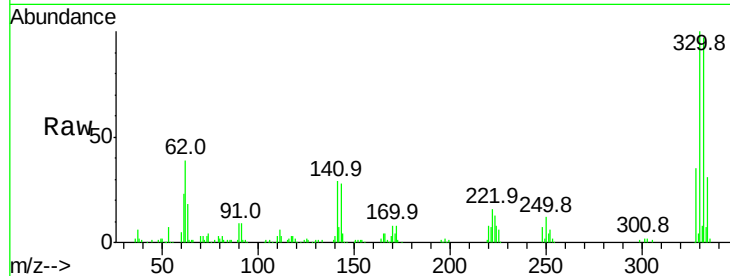




#41  
 2,4,6-Tribromophenol  
 Concen: 72.587 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

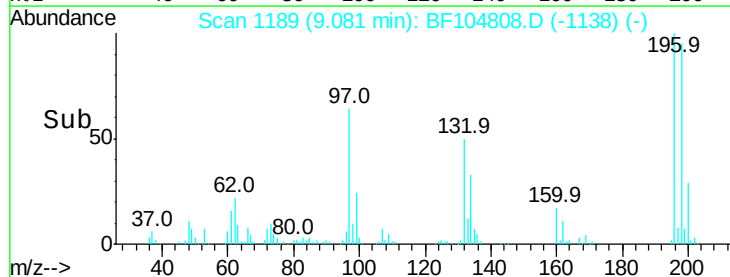
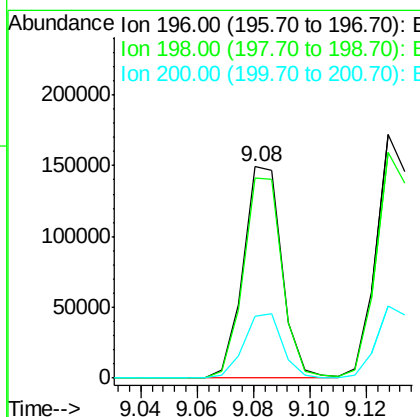
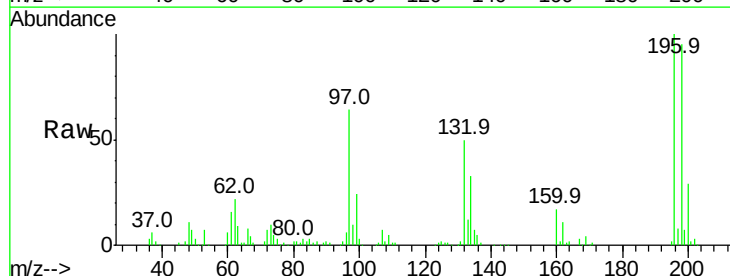
Instrument :  
 BNA\_F  
 ClientSampled :

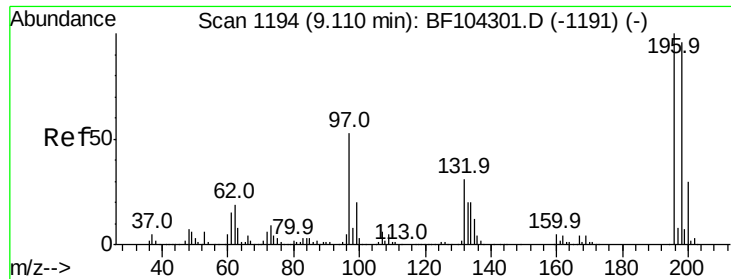
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 77.0  | 115.6 |
| 141     | 33.8  | 29.9  | 44.9  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 39.751 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.6  | 75.7  | 113.5 |
| 200     | 29.5  | 24.5  | 36.7  |

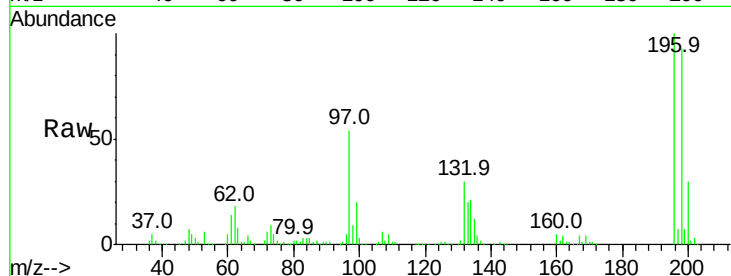




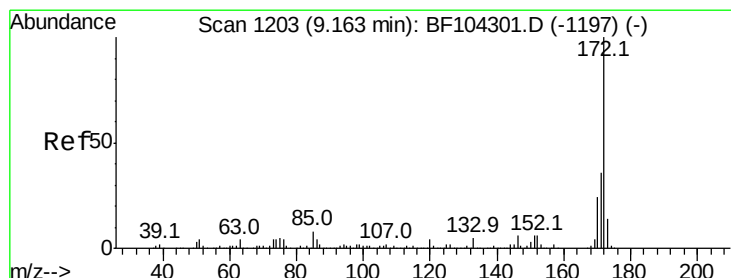
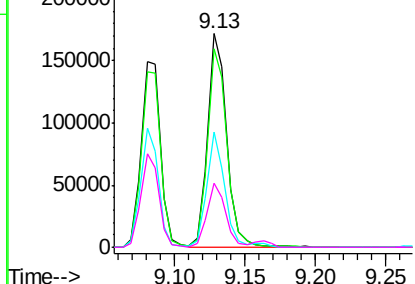
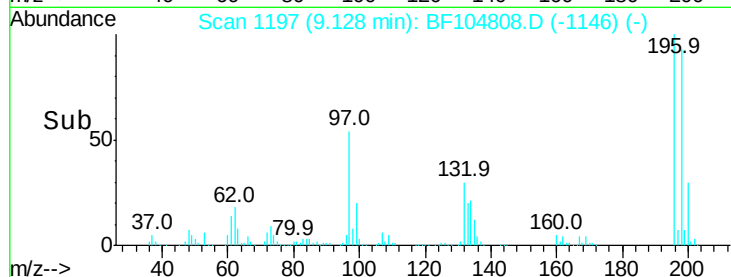
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.545 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Instrument :  
 BNA\_F  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 161978 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 92.9  | 74.6  | 112.0  |
| 97       | 53.9  | 42.9  | 64.3   |
| 132      | 30.2  | 26.3  | 39.5   |

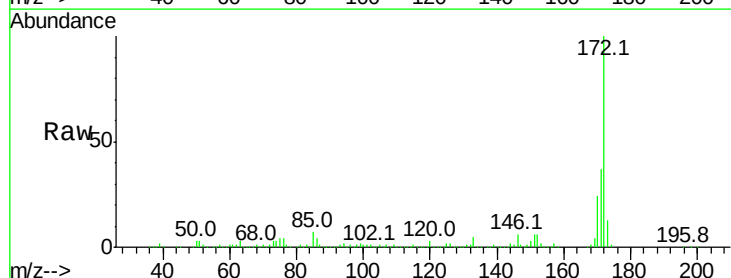


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

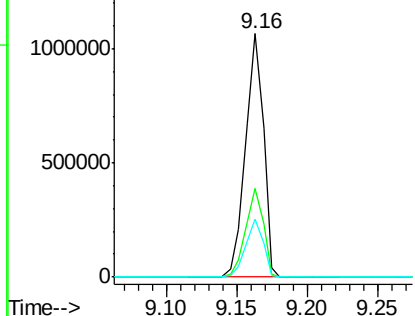
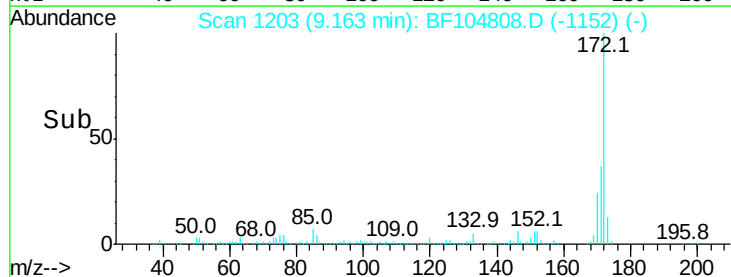


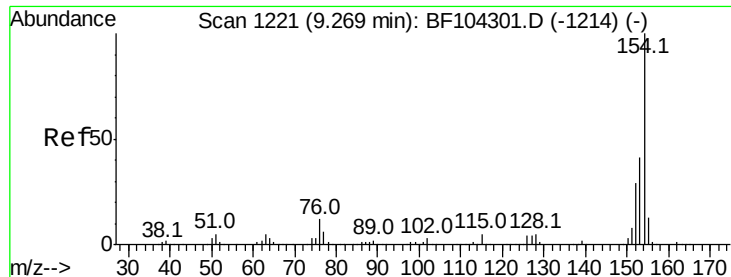
#44  
 2-Fluorobiphenyl  
 Concen: 83.337 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 947751 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.5  | 29.7  | 44.5   |
| 170      | 24.1  | 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: 40.148 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

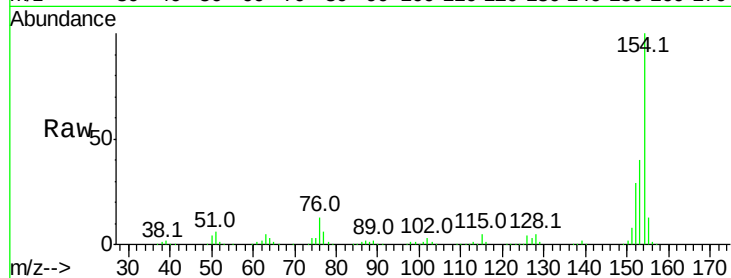
Tot Ion:154 Resp: 605931

Ion Ratio Lower Upper

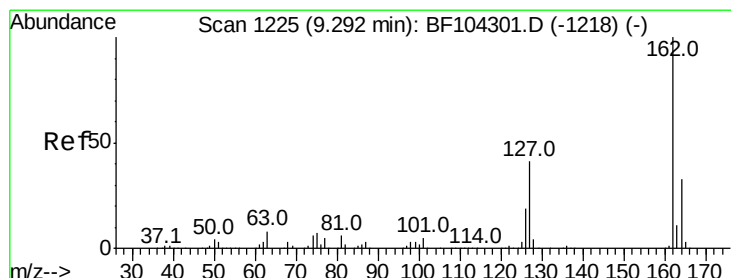
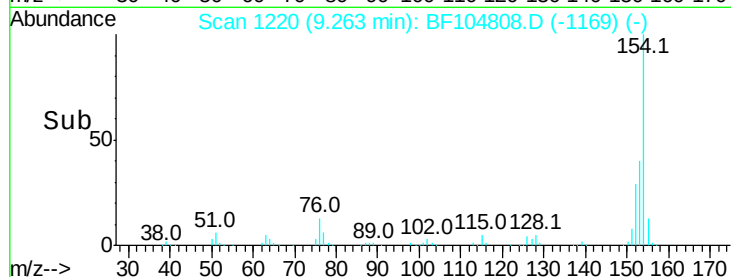
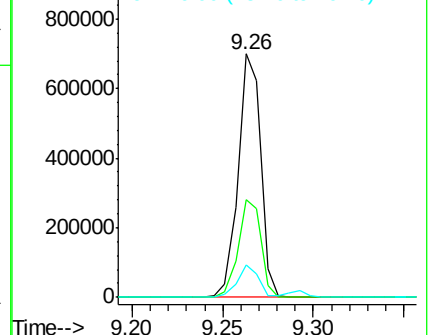
154 100

153 40.3 21.3 61.3

76 13.2 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: 39.533 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

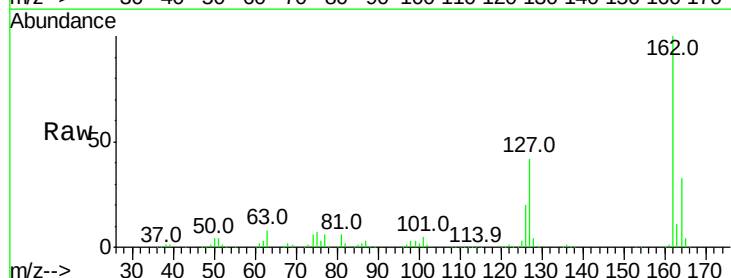
Tgt Ion:162 Resp: 471280

Ion Ratio Lower Upper

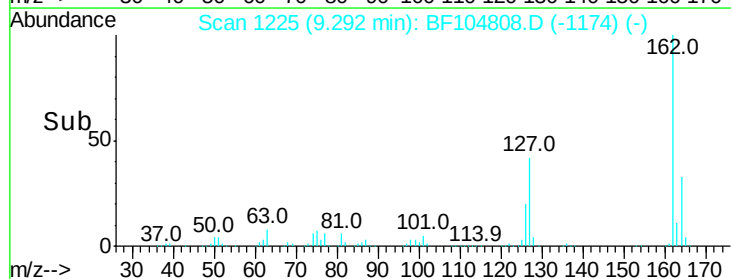
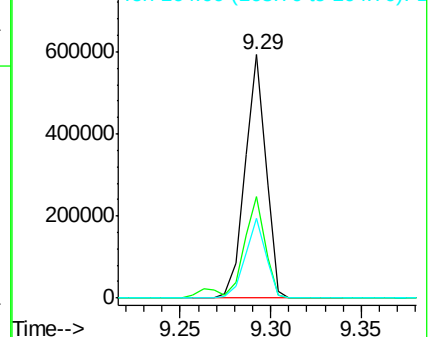
162 100

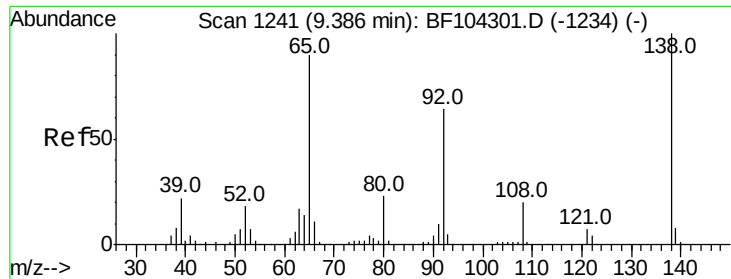
127 41.9 33.9 50.9

164 32.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

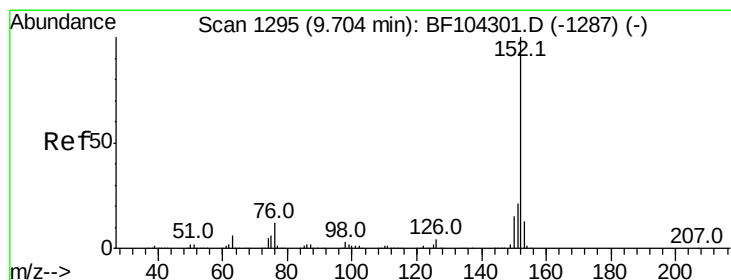
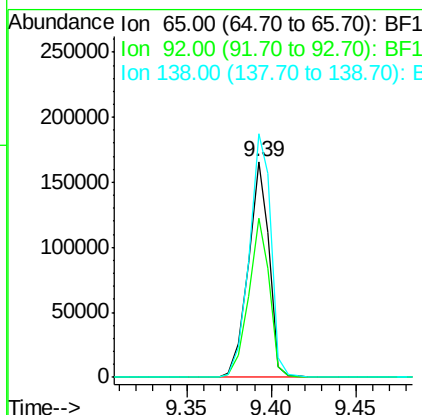
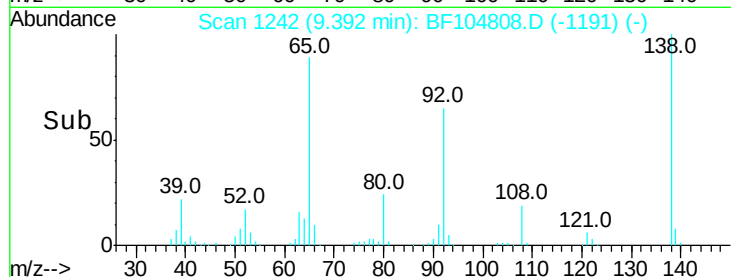
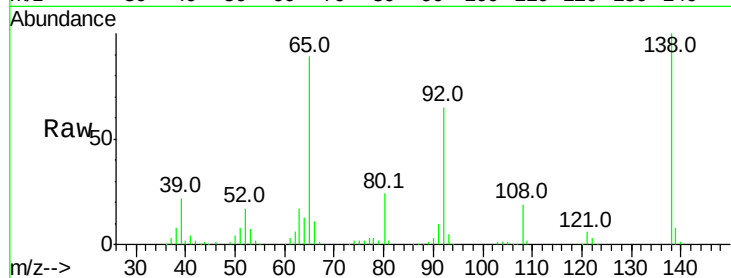




#47  
 2-Nitroaniline  
 Concen: 48.599 ng  
 RT: 9.39 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

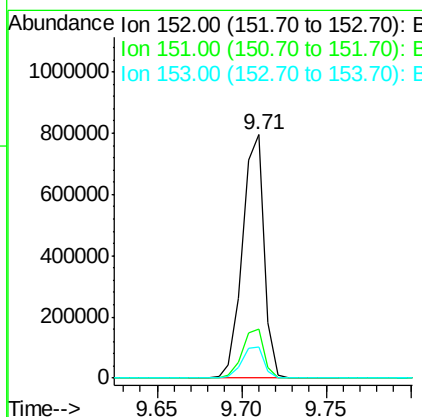
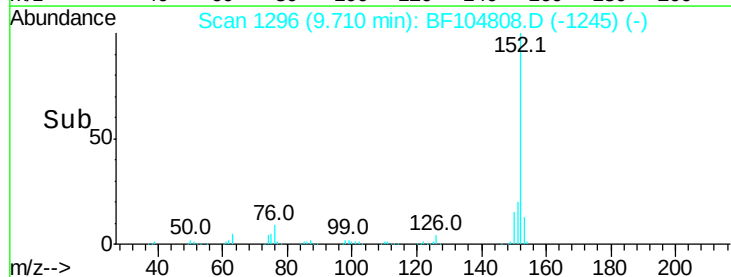
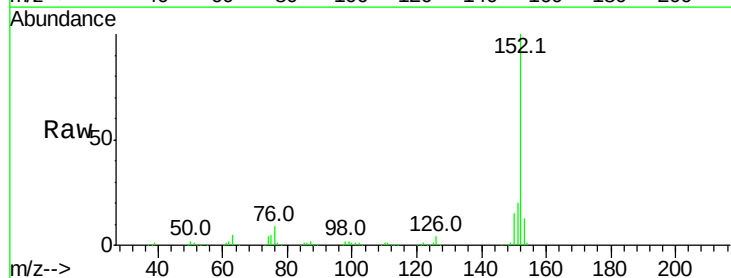
Instrument :  
 BNA\_F  
 ClientSampled :

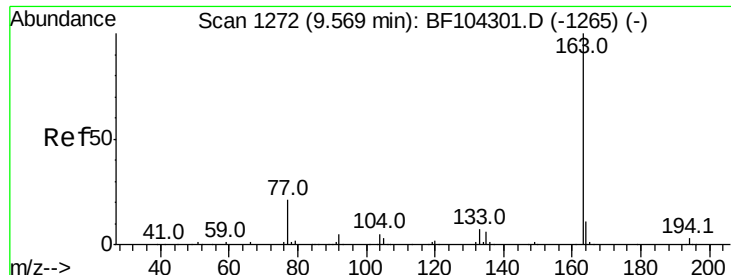
Tot Ion: 65 Resp: 143275  
 Ion Ratio Lower Upper  
 65 100  
 92 73.5 55.8 83.6  
 138 112.8 91.2 136.8



#48  
 Acenaphthylene  
 Concen: 37.990 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Tgt Ion:152 Resp: 710558  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 16.3 24.5  
 153 13.0 10.7 16.1

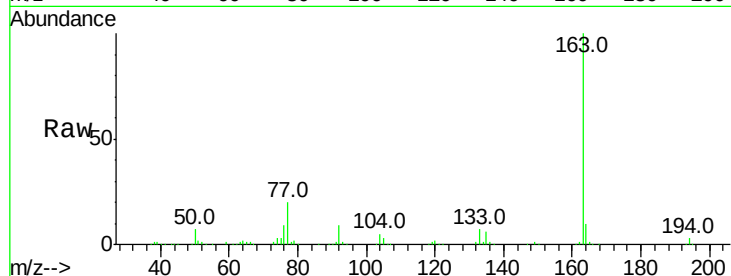




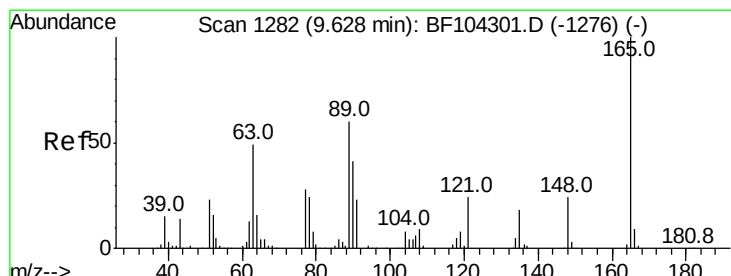
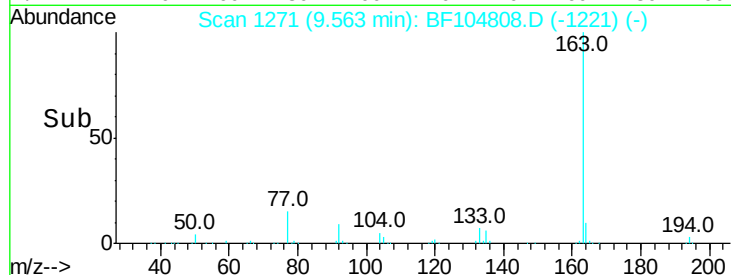
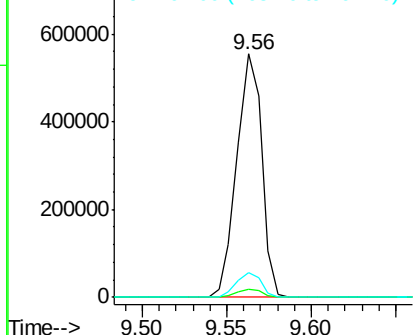
#49  
Dimethylphthalate  
Concen: 40.461 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 573229  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.7 4.1  
164 10.0 8.2 12.2

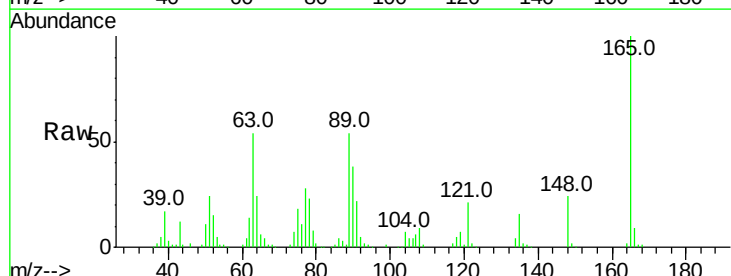


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

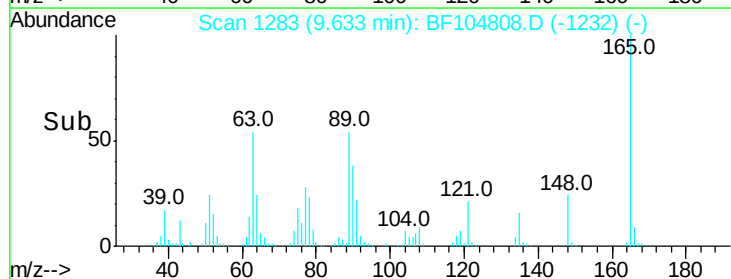
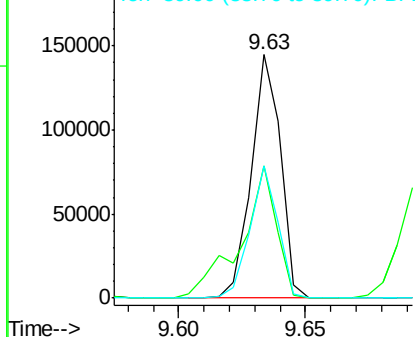


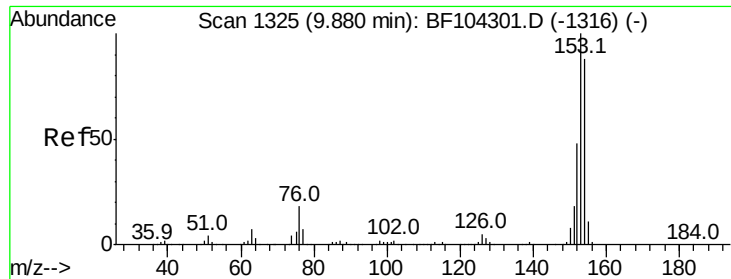
#50  
2,6-Dinitrotoluene  
Concen: 44.223 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion:165 Resp: 115931  
Ion Ratio Lower Upper  
165 100  
63 54.2 44.7 67.1  
89 54.3 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: 35.763 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

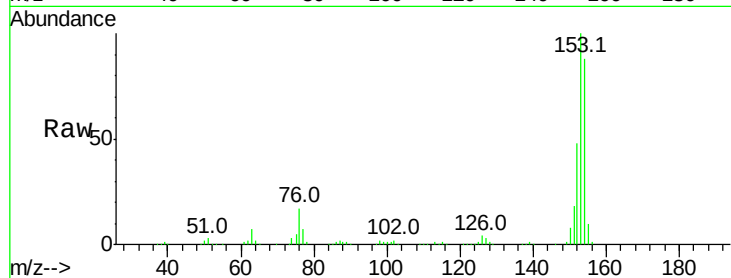
Tot Ion:154 Resp: 408130

Ion Ratio Lower Upper

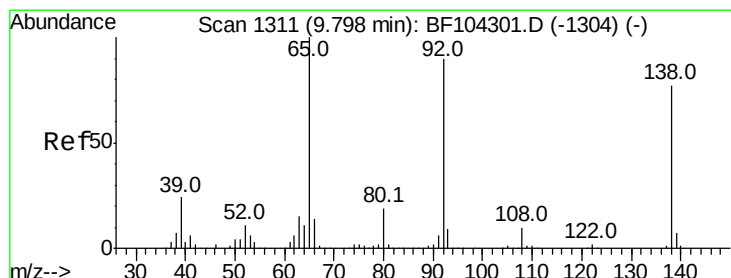
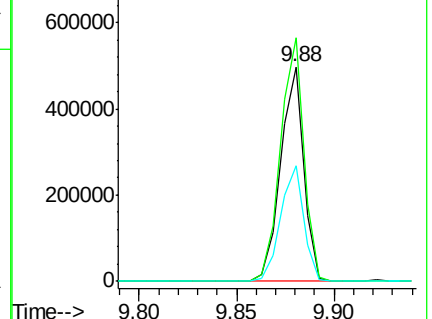
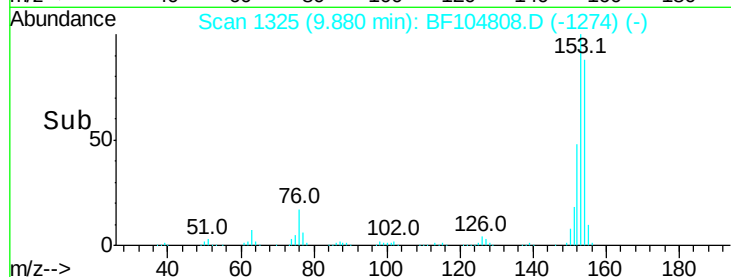
154 100

153 113.6 91.2 136.8

152 54.3 43.8 65.8



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



#52

3-Nitroaniline

Concen: 45.910 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

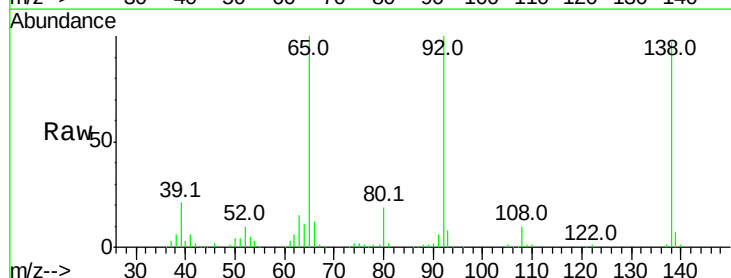
Tgt Ion:138 Resp: 140898

Ion Ratio Lower Upper

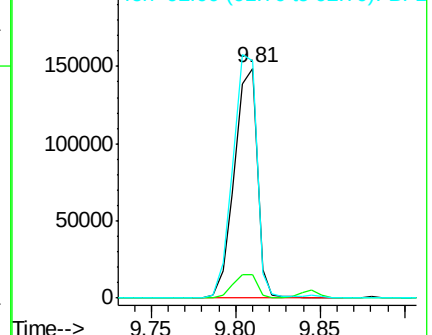
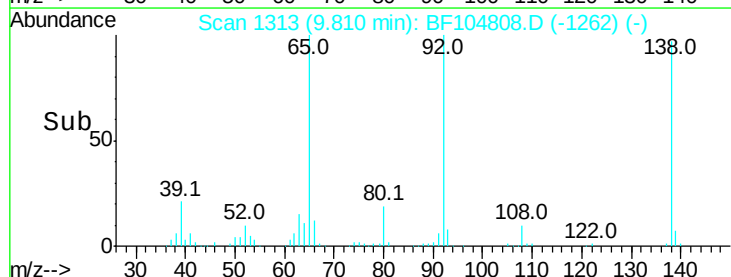
138 100

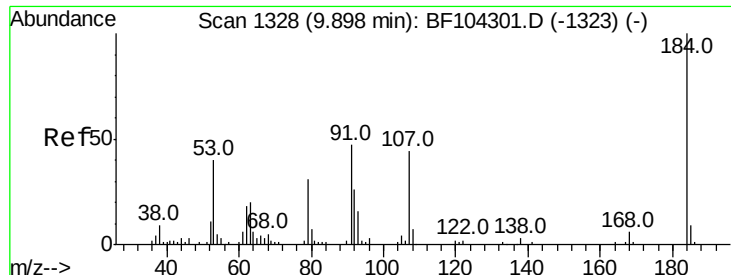
108 10.3 9.4 14.0

92 103.0 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

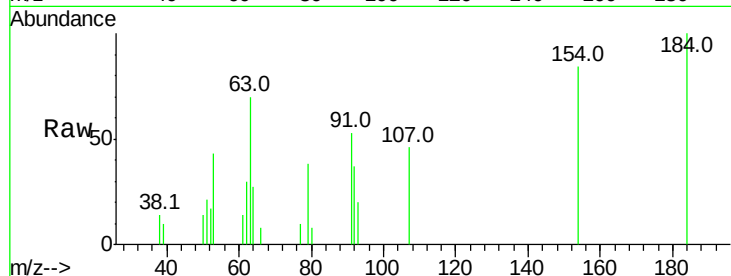




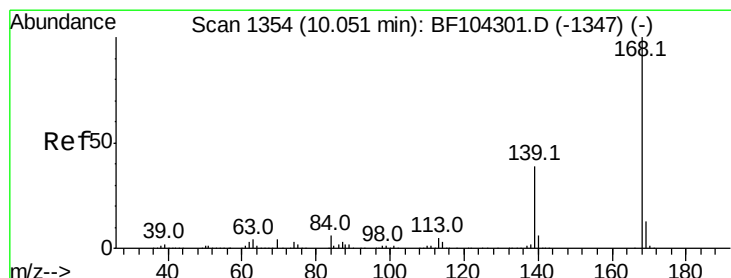
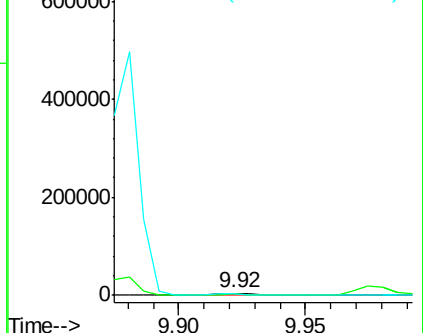
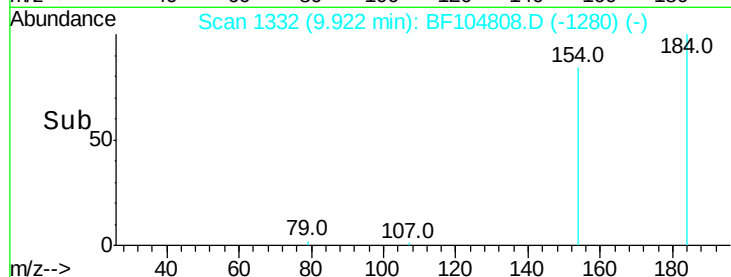
#53  
 2,4-Dinitrophenol  
 Concen: 11.111 ng  
 RT: 9.92 min Scan# 1332  
 Delta R.T. 0.01 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:184 Resp: 4462  
 Ion Ratio Lower Upper  
 184 100  
 63 69.8 54.2 81.2  
 154 83.6 184.0 276.0#

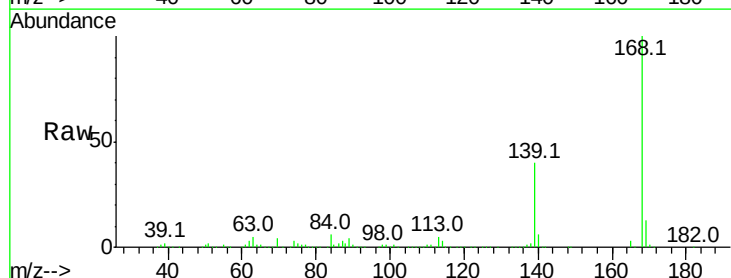


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 154.00 (153.70 to 154.70): E

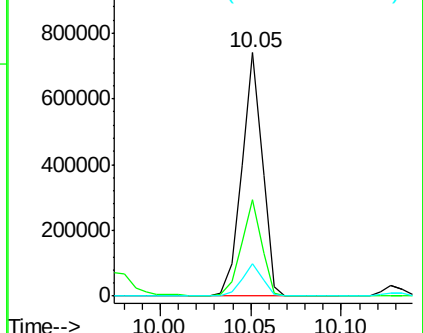
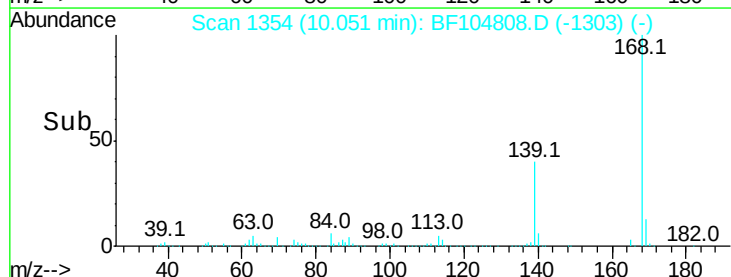


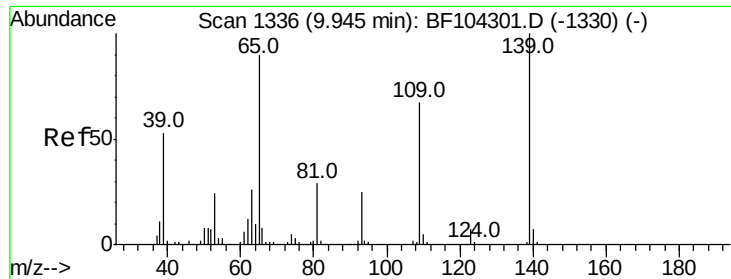
#54  
 Dibenzofuran  
 Concen: 36.631 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Tgt Ion:168 Resp: 582563  
 Ion Ratio Lower Upper  
 168 100  
 139 39.7 30.1 45.1  
 169 13.3 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

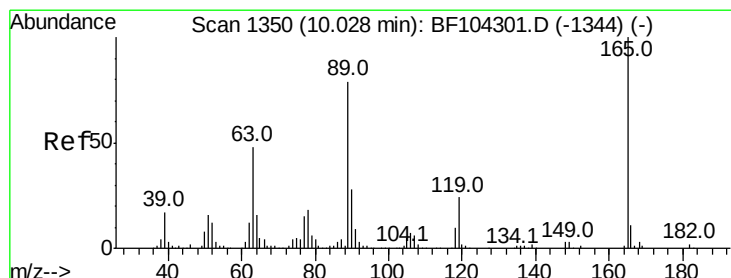
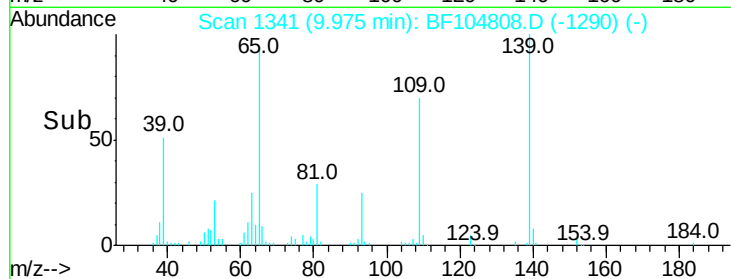
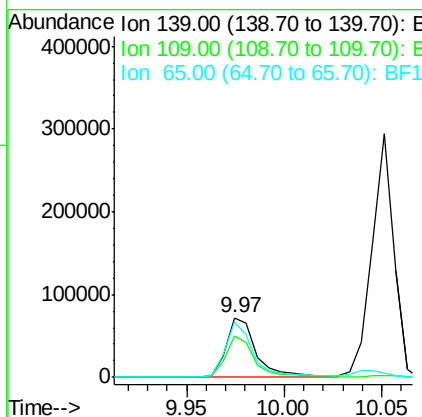
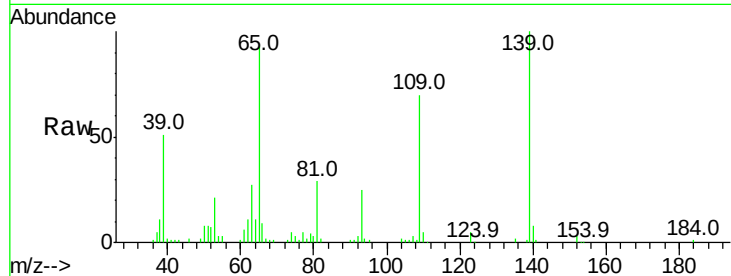




#55  
4-Nitrophenol  
Concen: 32.496 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

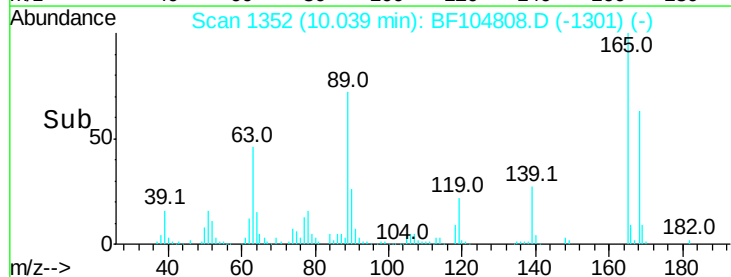
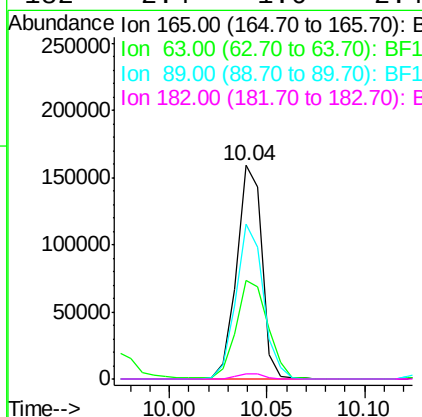
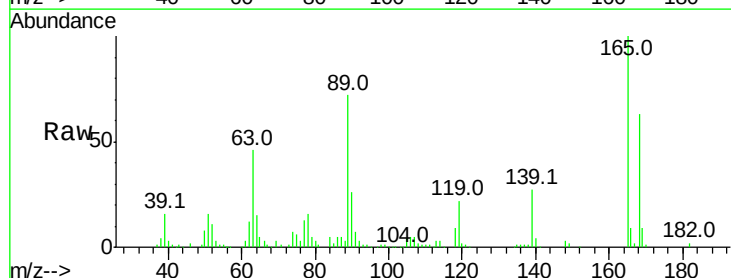
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 78343  
Ion Ratio Lower Upper  
139 100  
109 70.5 48.4 88.4  
65 92.5 72.6 112.6

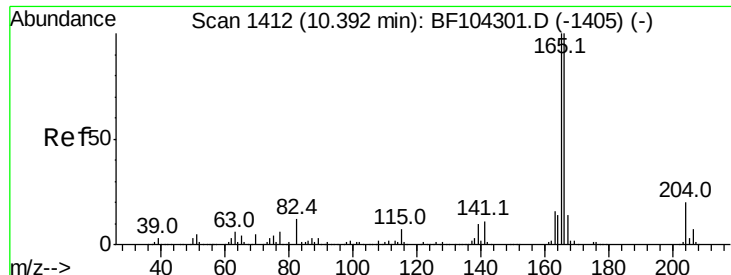


#56  
2,4-Dinitrotoluene  
Concen: 41.351 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion:165 Resp: 142192  
Ion Ratio Lower Upper  
165 100  
63 46.3 36.4 54.6  
89 72.4 57.8 86.6  
182 2.4 1.6 2.4



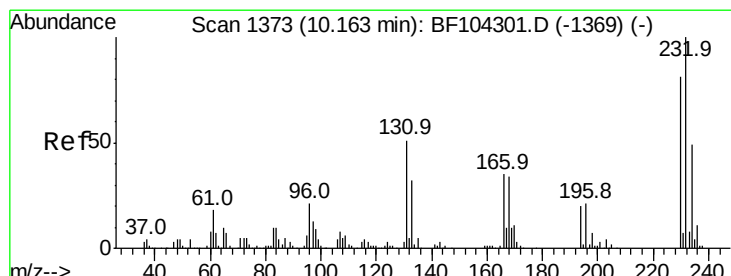
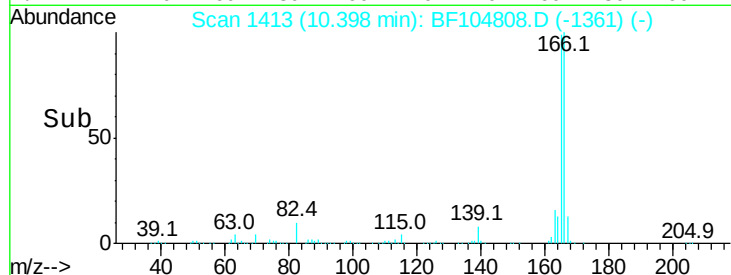
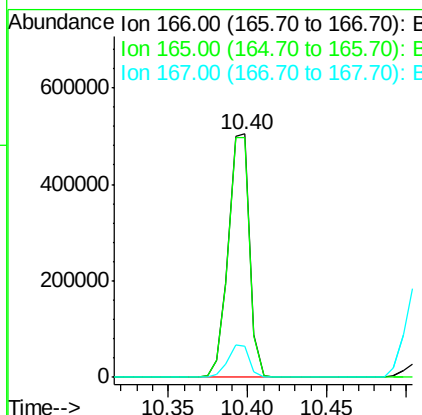
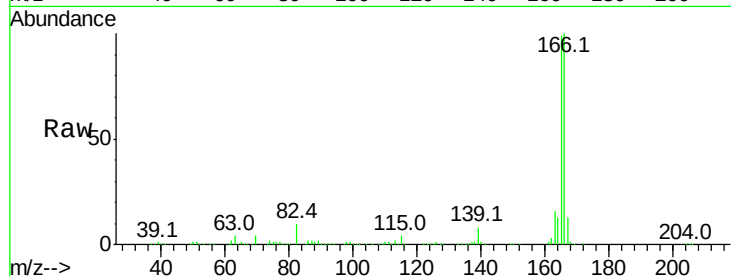




#57  
 Fluorene  
 Concen: 40.613 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. 0.01 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

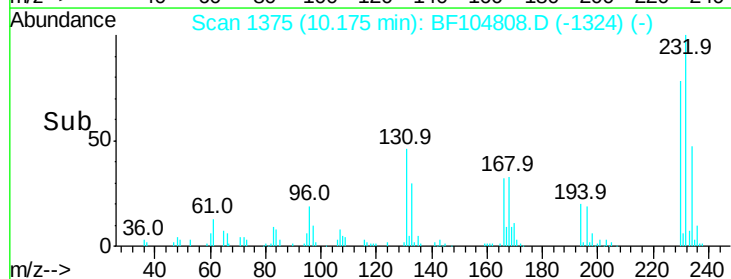
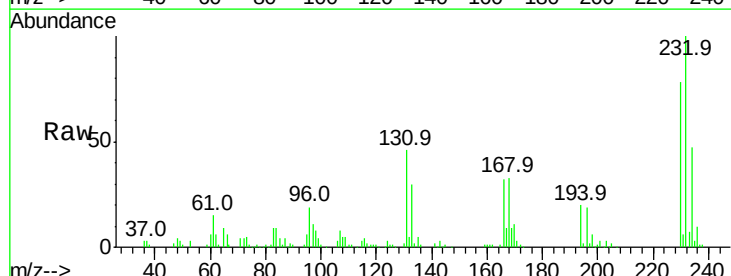
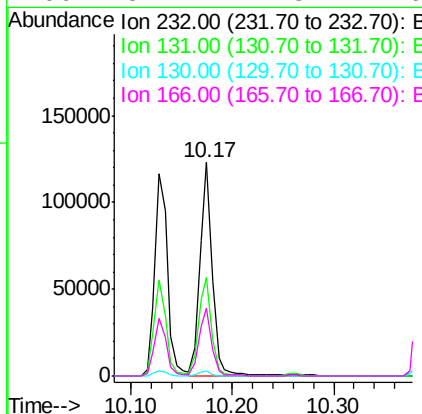
Instrument :  
 BNA\_F  
 ClientSampleId :

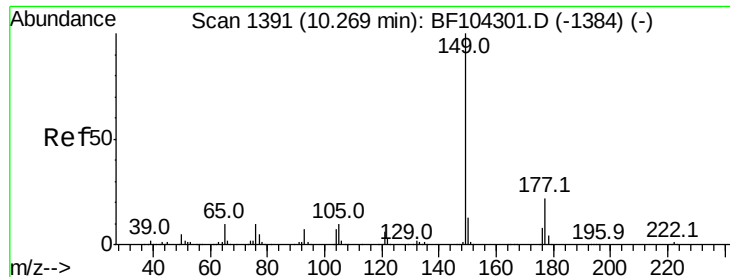
Tot Ion:166 Resp: 470128  
 Ion Ratio Lower Upper  
 166 100  
 165 98.7 79.8 119.8  
 167 12.9 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.444 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Tgt Ion:232 Resp: 105641  
 Ion Ratio Lower Upper  
 232 100  
 131 48.0 43.8 65.8  
 130 2.3 2.1 3.1  
 166 32.4 27.8 41.6

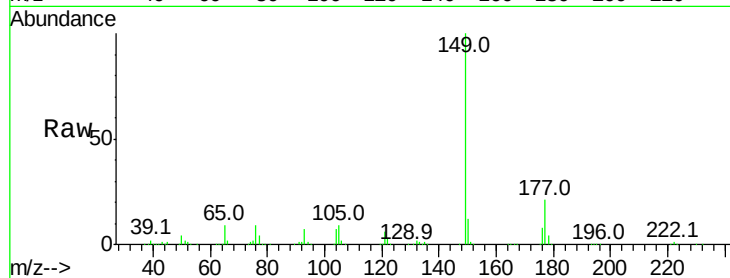




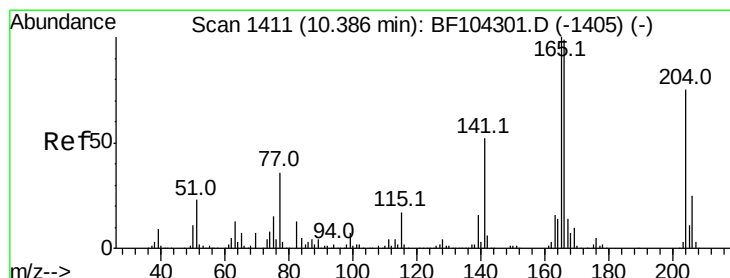
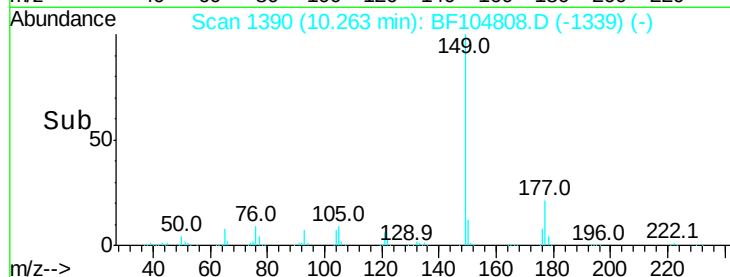
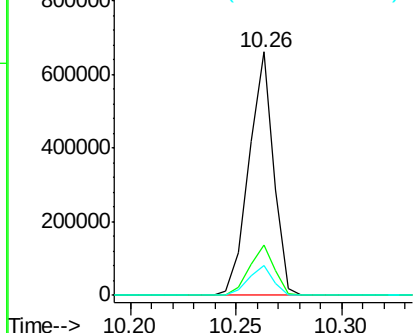
#59  
Diethylphthalate  
Concen: 37.890 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.7  | 16.1  | 24.1  |
| 150     | 12.2  | 10.1  | 15.1  |

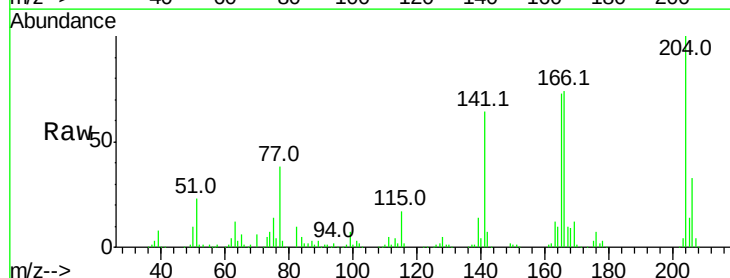


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

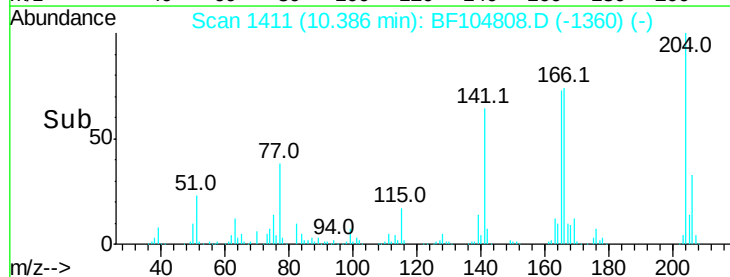
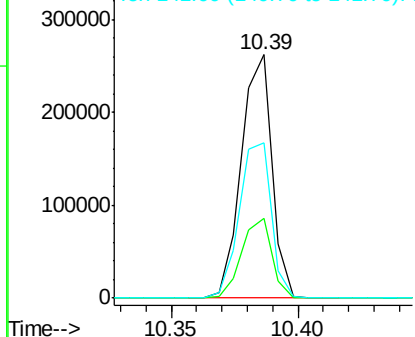


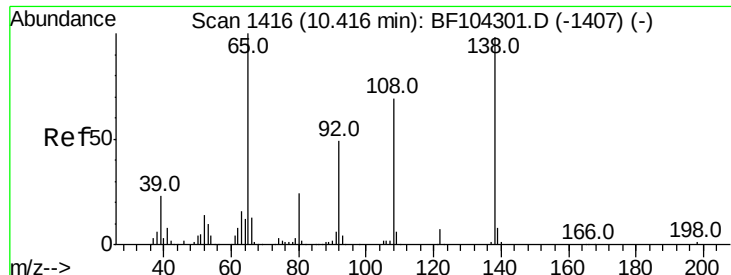
#60  
4-Chlorophenyl-phenylether  
Concen: 42.782 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.5  | 39.7  |
| 141     | 63.5  | 54.6  | 81.8  |



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

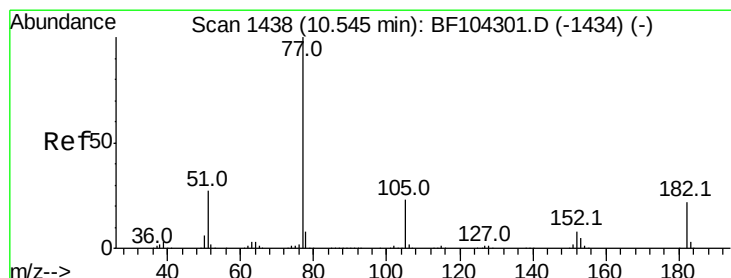
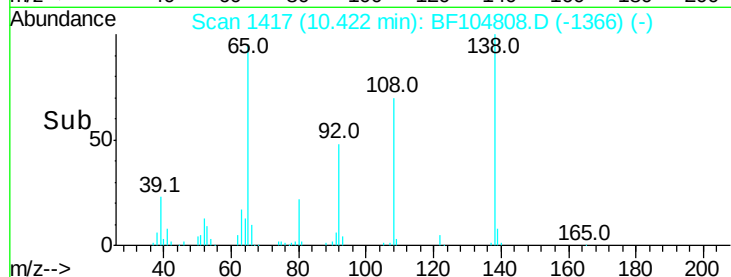
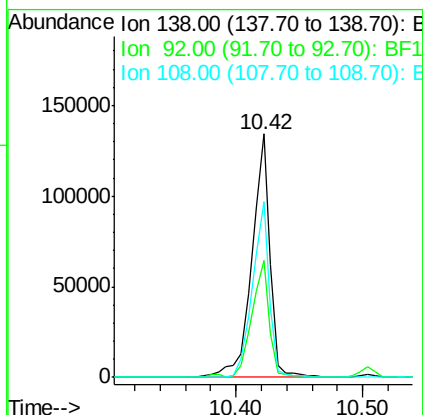
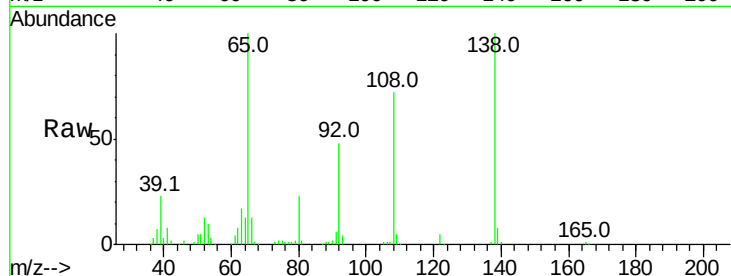




#61  
4-Nitroaniline  
Concen: 44.925 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

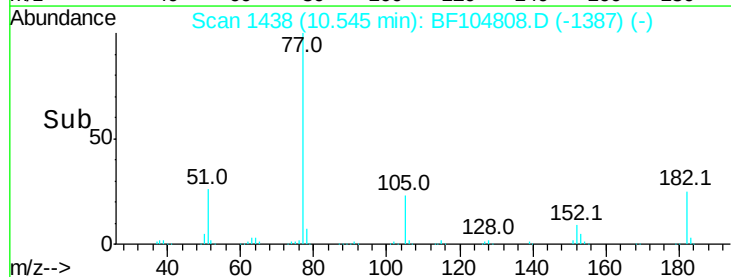
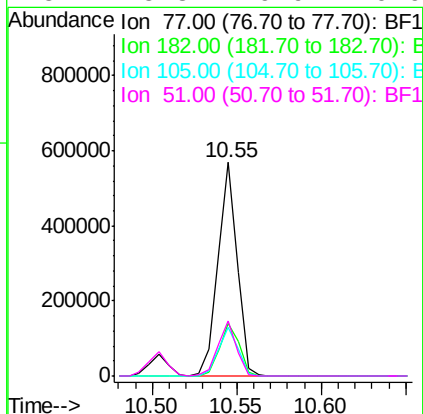
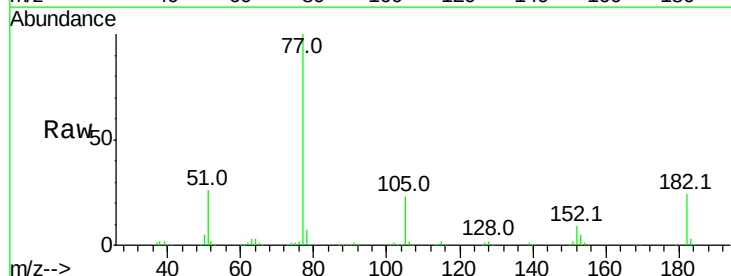
Instrument :  
BNA\_F  
ClientSampleId :

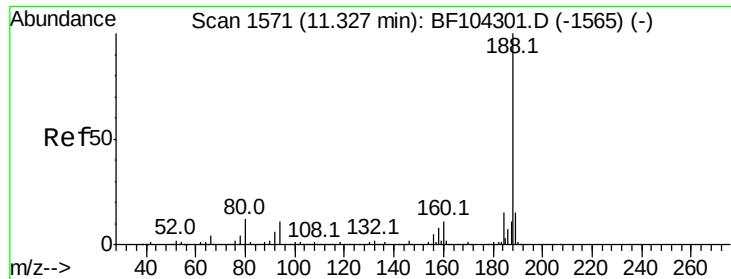
Tot Ion:138 Resp: 134810  
Ion Ratio Lower Upper  
138 100  
92 48.0 30.2 70.2  
108 72.0 52.5 92.5



#62  
Azobenzene  
Concen: 33.767 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion: 77 Resp: 455192  
Ion Ratio Lower Upper  
77 100  
182 24.5 1.7 41.7  
105 23.0 3.0 43.0  
51 25.8 9.9 49.9

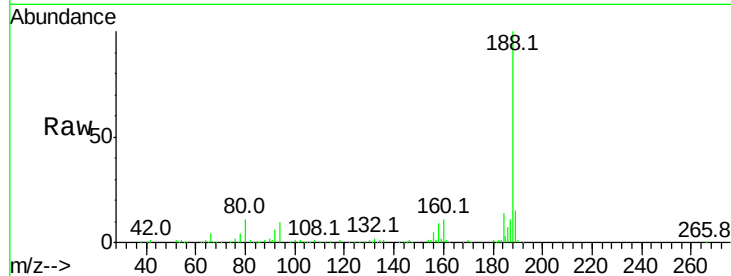




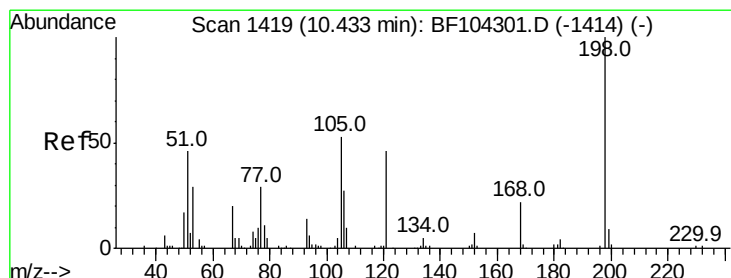
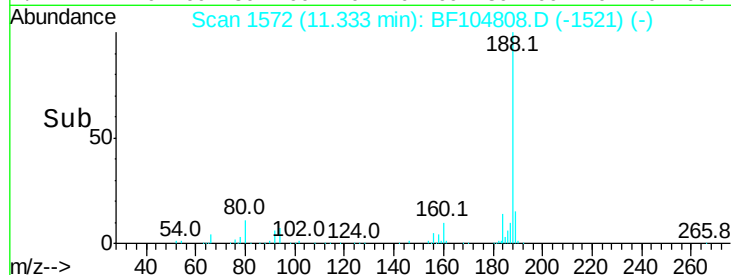
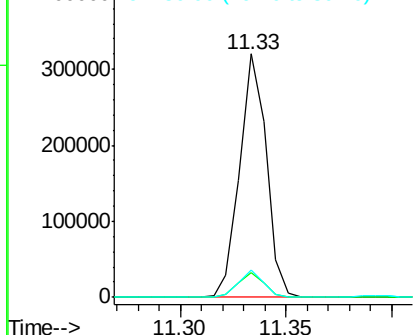
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:188 Resp: 280463  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.5 12.7  
80 11.1 9.2 13.8

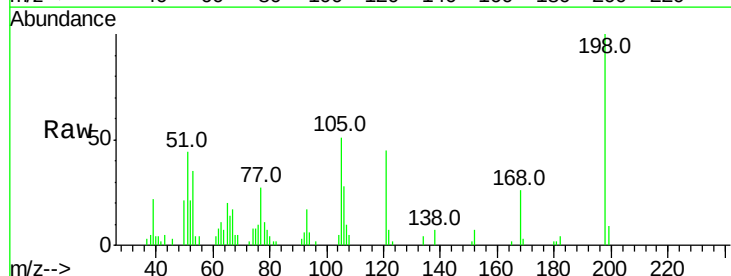


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

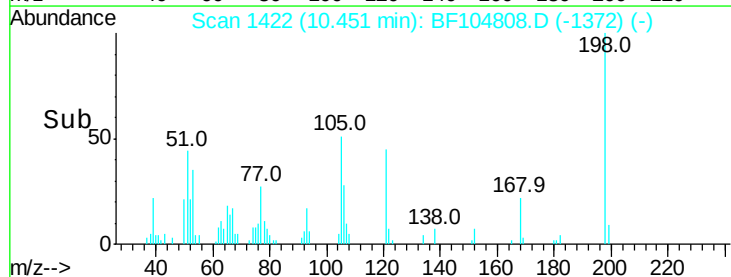
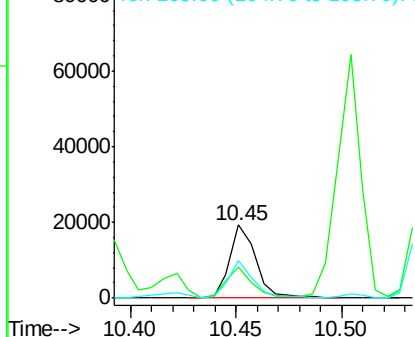


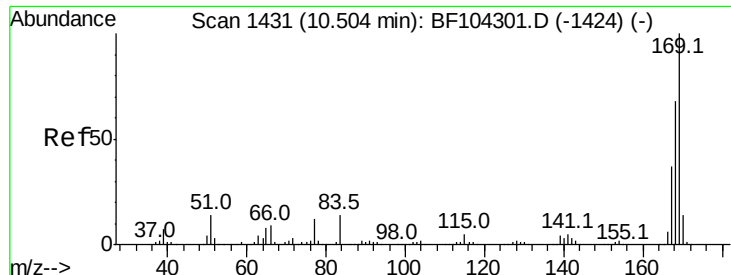
#64  
4,6-Dinitro-2-methylphenol  
Concen: 17.588 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion:198 Resp: 16517  
Ion Ratio Lower Upper  
198 100  
51 43.5 37.7 77.7  
105 51.4 36.3 76.3



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

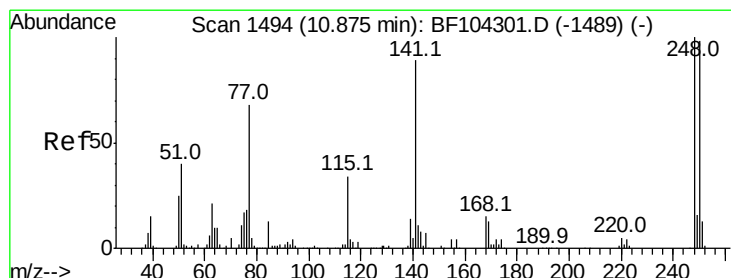
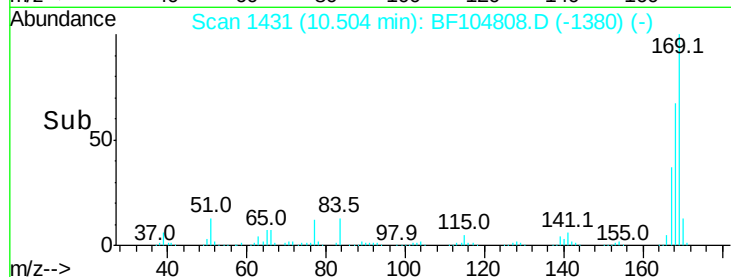
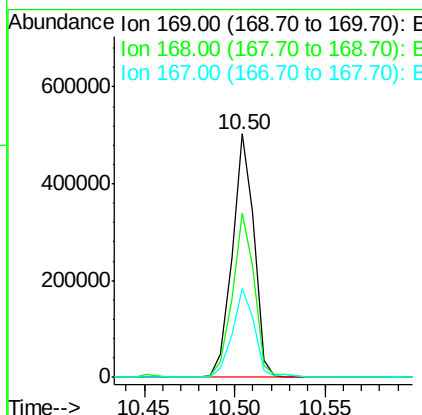
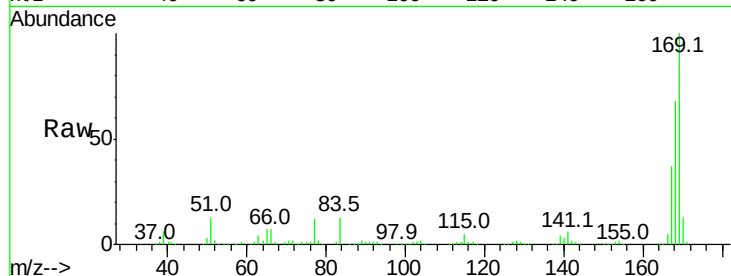




#65  
 n-Nitrosodiphenylamine  
 Concen: 43.137 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

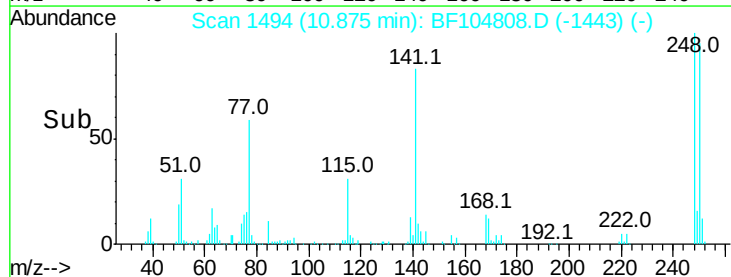
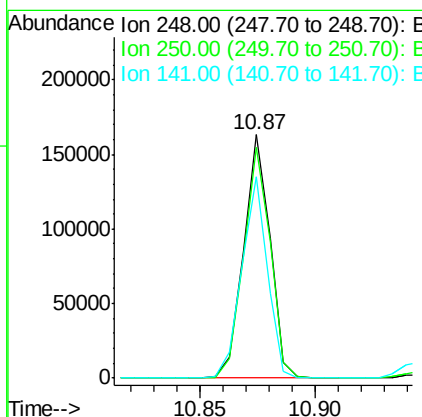
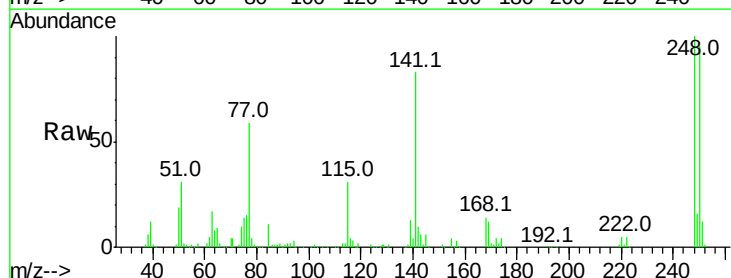
Instrument :  
 BNA\_F  
 ClientSampleId :

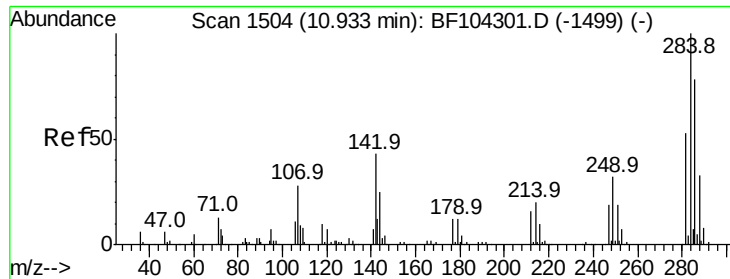
Tot Ion:169 Resp: 419478  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 54.4 81.6  
 167 36.6 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.661 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. -0.00 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

Tgt Ion:248 Resp: 130250  
 Ion Ratio Lower Upper  
 248 100  
 250 94.7 76.9 115.3  
 141 82.7 74.4 111.6

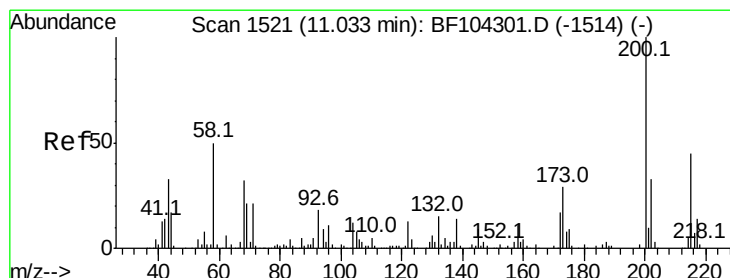
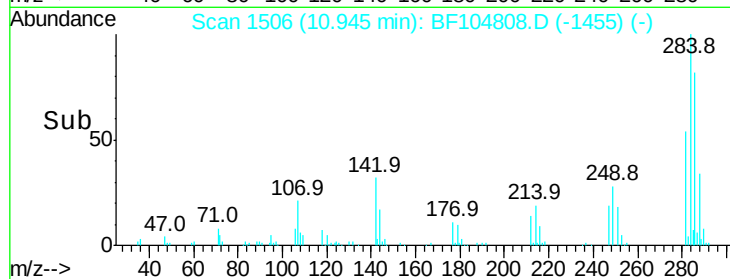
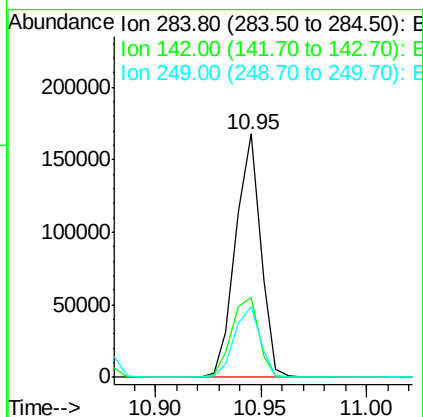
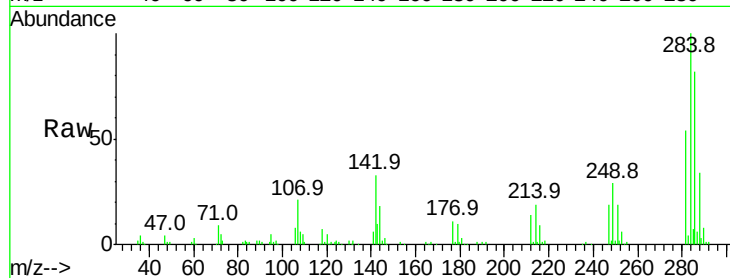




#67  
Hexachlorobenzene  
Concen: 40.892 ng  
RT: 10.95 min Scan# 1506  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

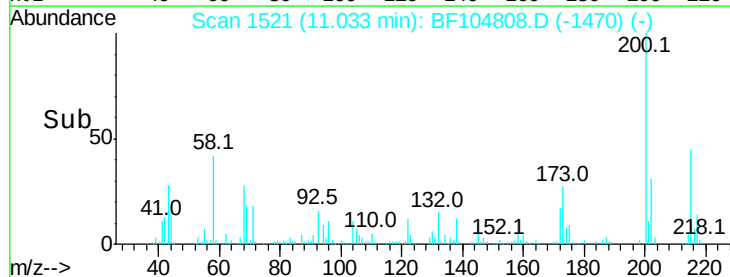
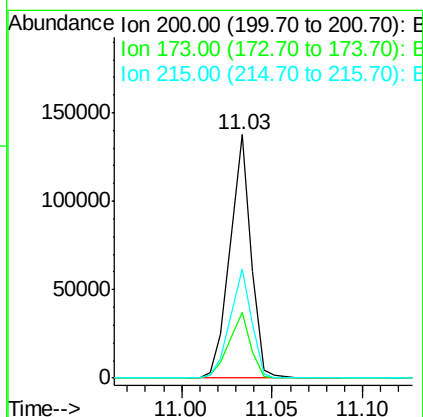
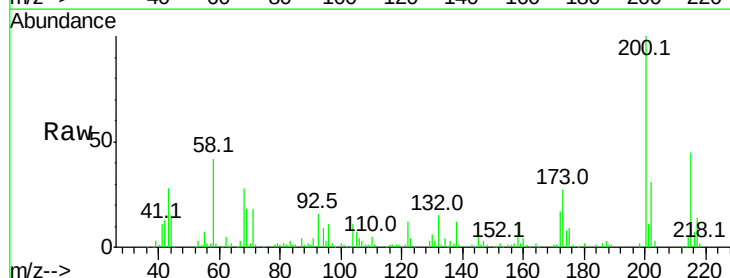
Instrument :  
BNA\_F  
ClientSampled :

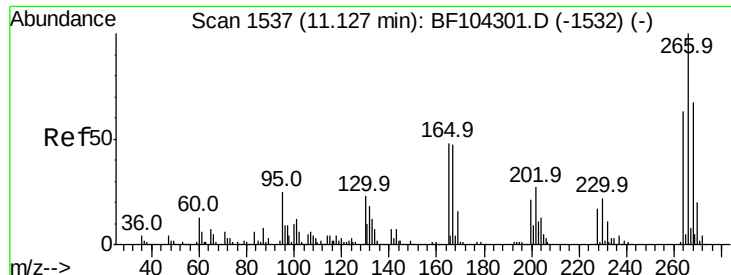
Tot Ion:284 Resp: 137266  
Ion Ratio Lower Upper  
284 100  
142 33.0 34.6 52.0#  
249 28.9 24.8 37.2



#68  
Atrazine  
Concen: 38.284 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion:200 Resp: 112375  
Ion Ratio Lower Upper  
200 100  
173 27.0 8.6 48.6  
215 44.8 25.1 65.1





#69

Pentachlorophenol

Concen: 33.159 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

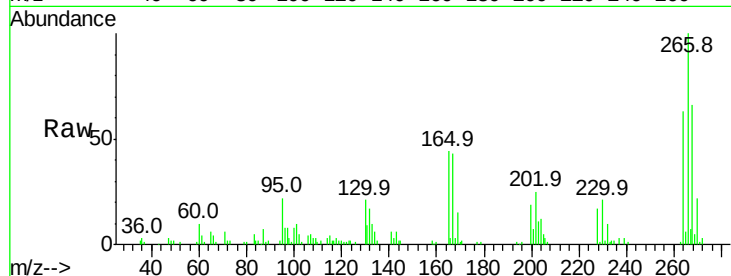
Tot Ion:266 Resp: 68860

Ion Ratio Lower Upper

266 100

268 65.8 51.1 76.7

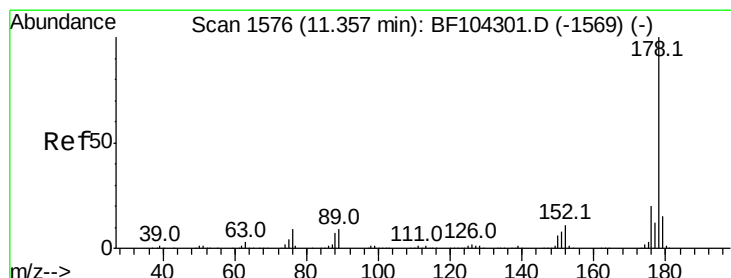
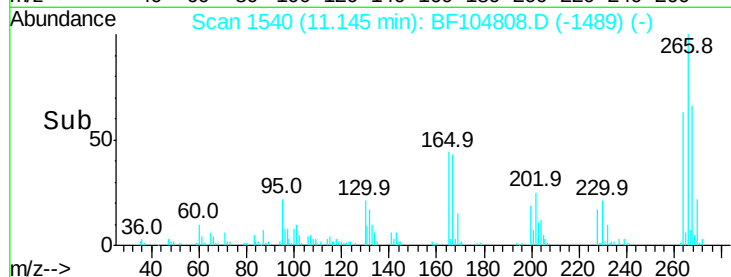
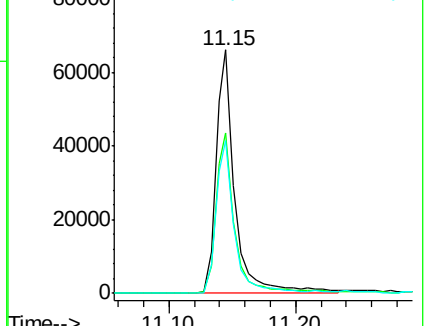
264 62.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.997 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

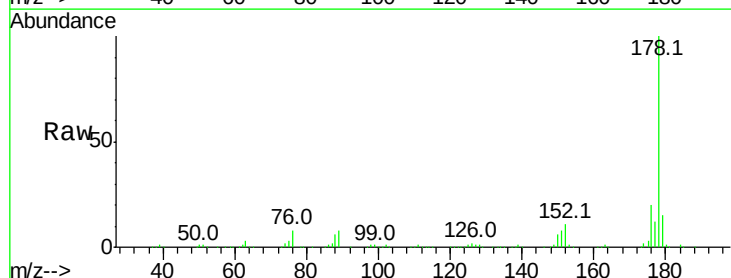
Tgt Ion:178 Resp: 593464

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

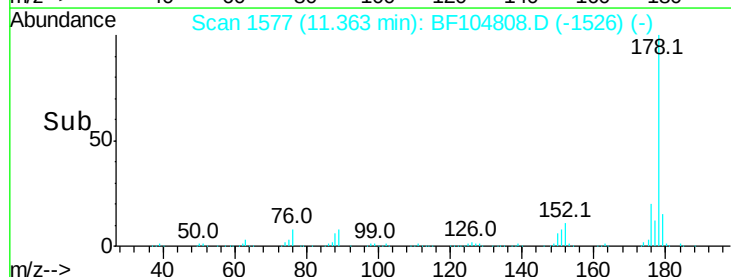
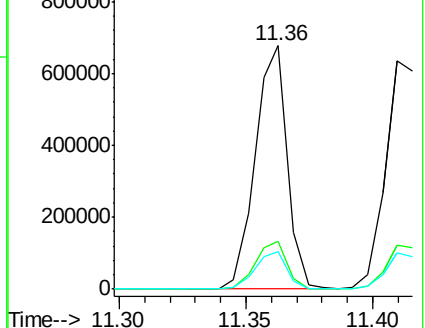
179 15.2 13.0 19.6

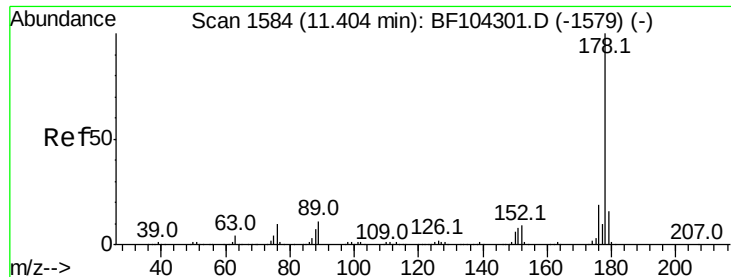


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.900 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

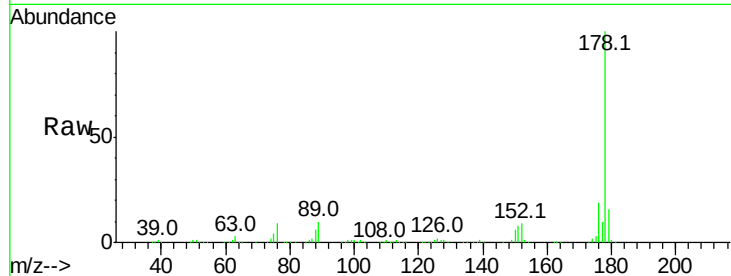
Tot Ion:178 Resp: 601731

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

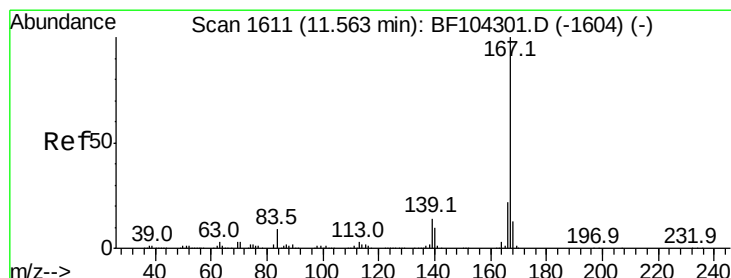
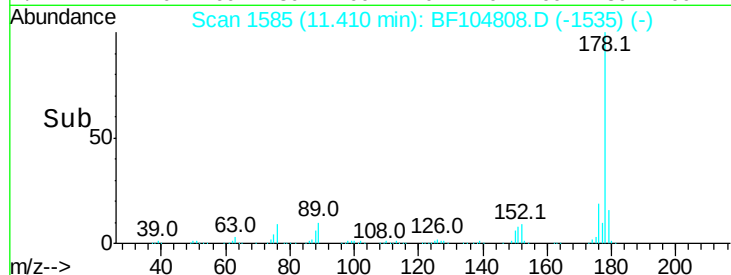
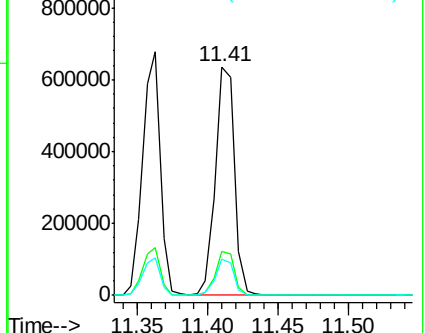
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.918 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

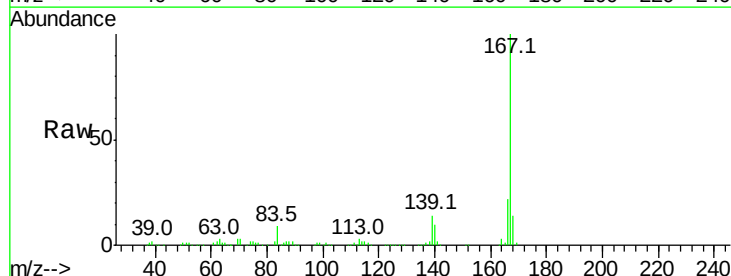
Tgt Ion:167 Resp: 557251

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

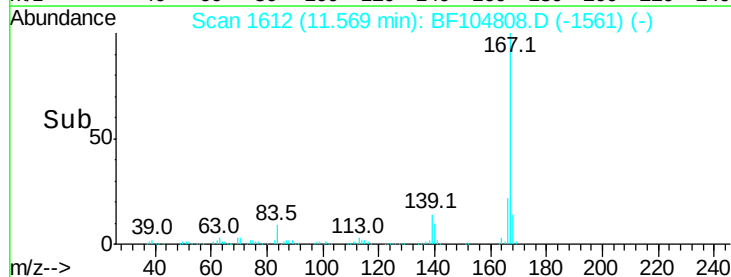
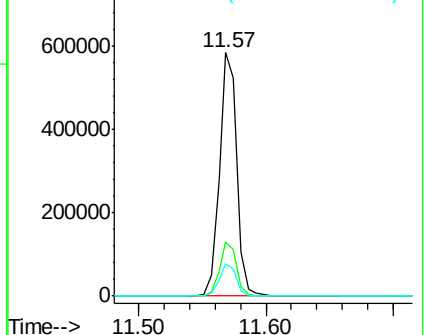
139 13.5 10.9 16.3



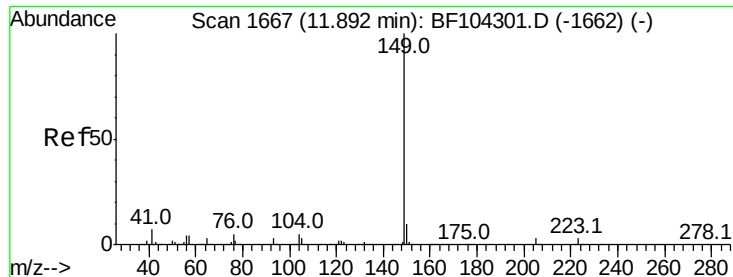
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 39.852 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

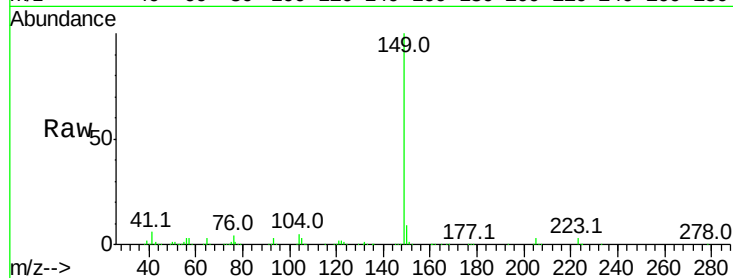
Tot Ion:149 Resp: 755258

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

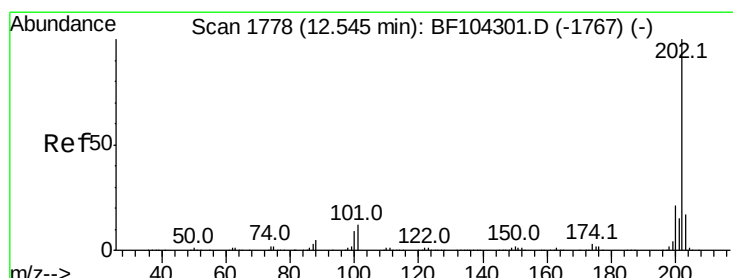
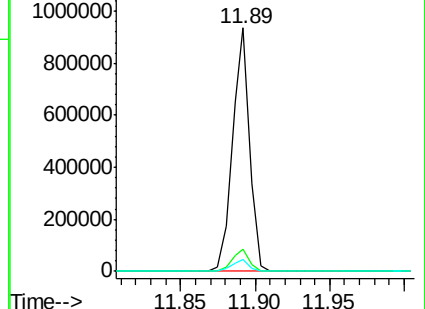
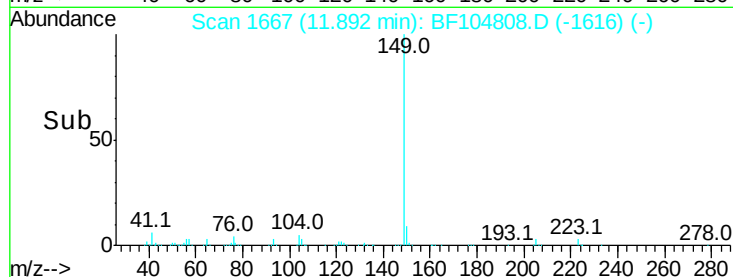
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.163 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

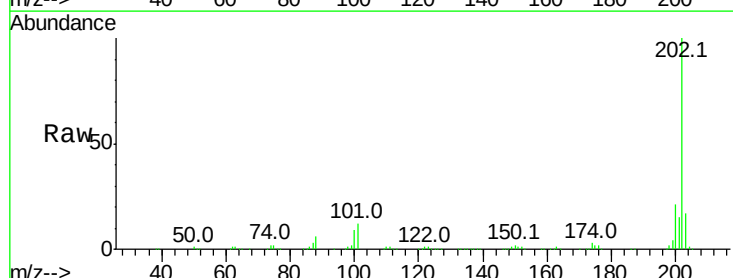
Tgt Ion:202 Resp: 524853

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

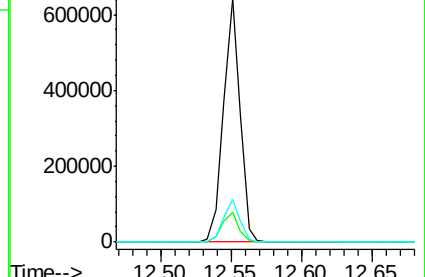
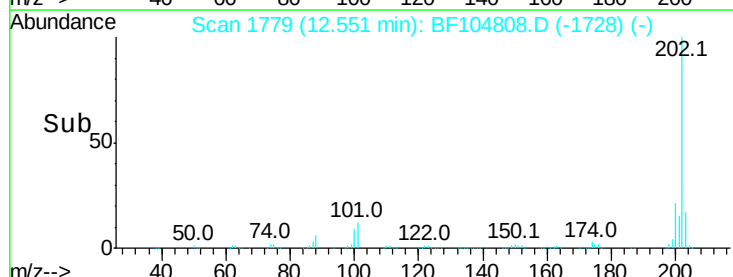
203 17.5 0.0 38.1

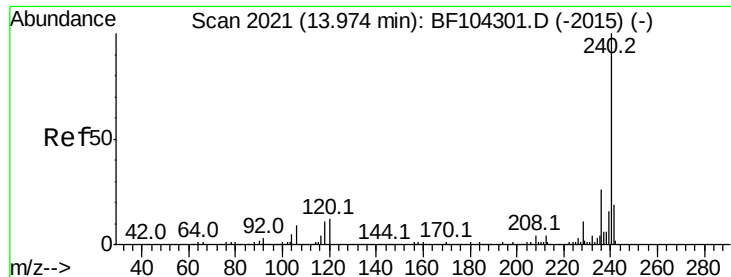


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

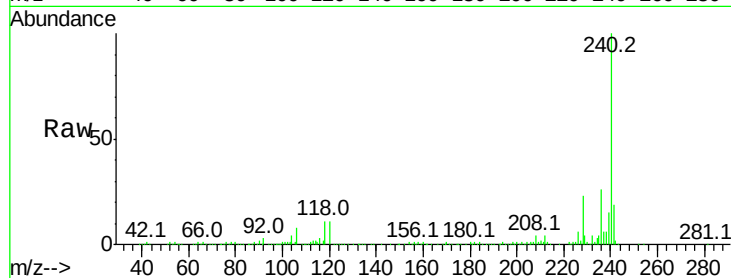
Tot Ion:240 Resp: 201106

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

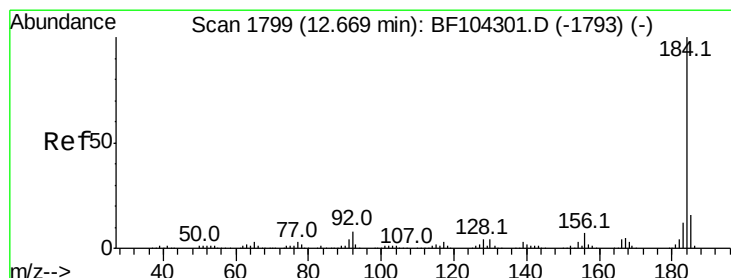
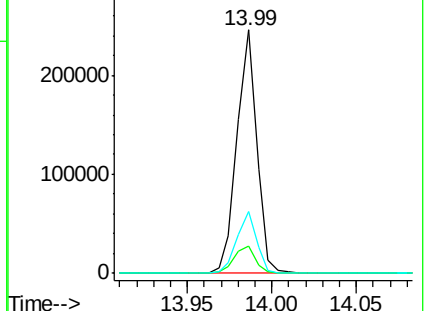
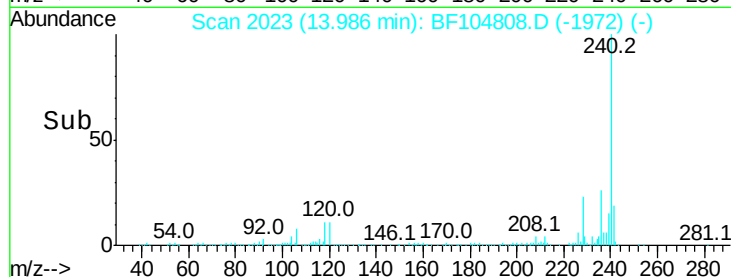
236 25.5 20.7 31.1



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: 39.274 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

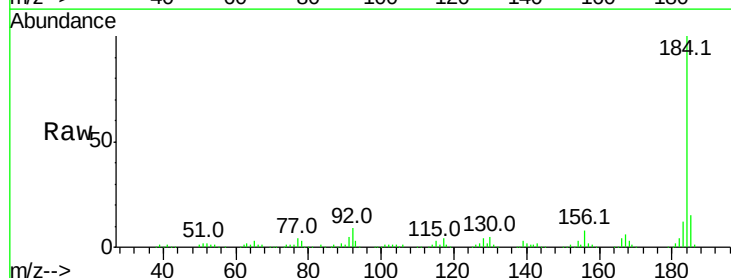
Tgt Ion:184 Resp: 269108

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

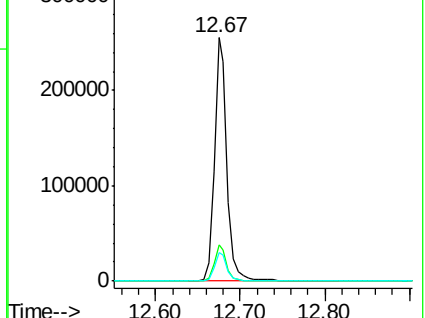
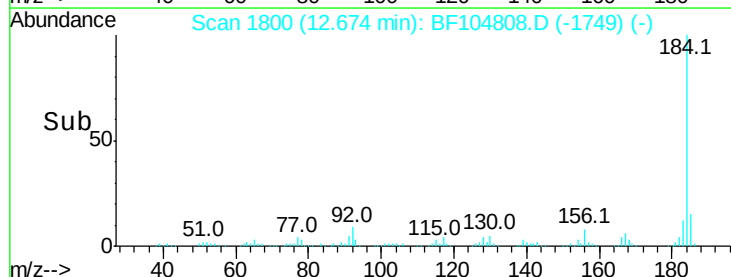
183 11.6 9.3 13.9

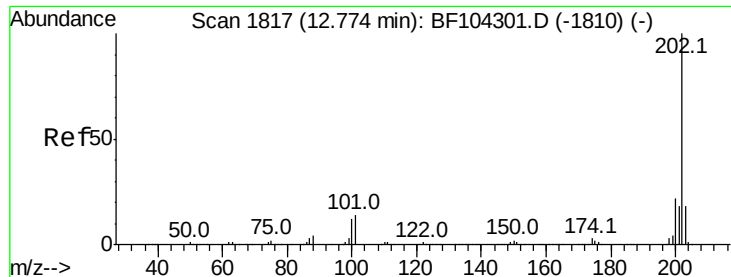


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

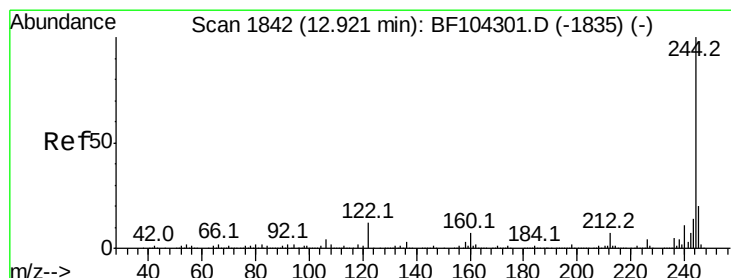
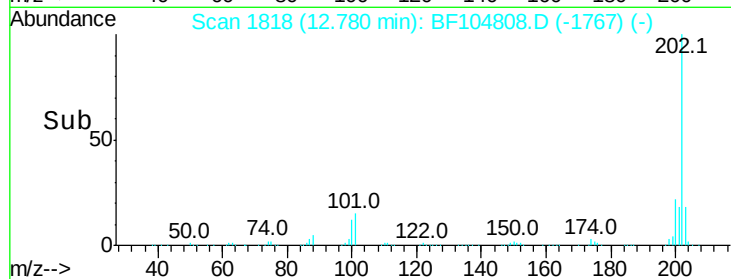
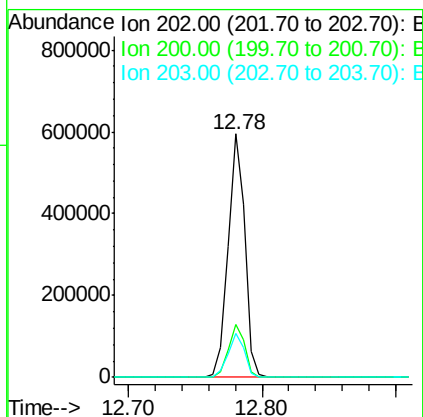
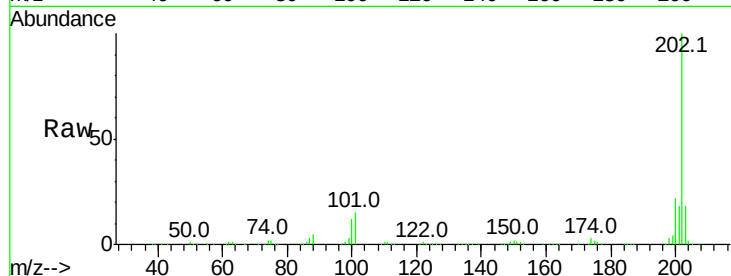




#77  
Pvrene  
Concen: 35.537 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

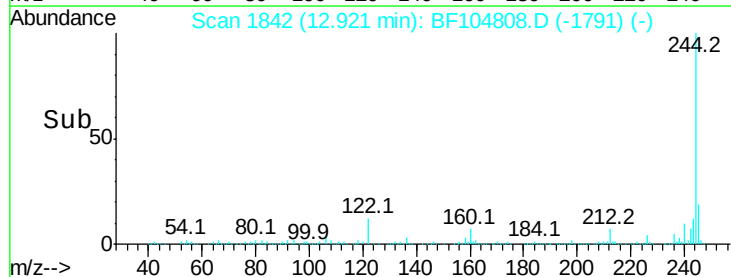
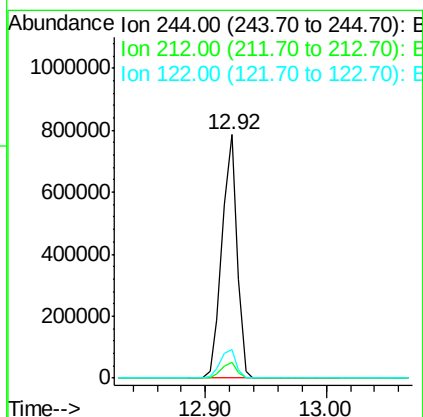
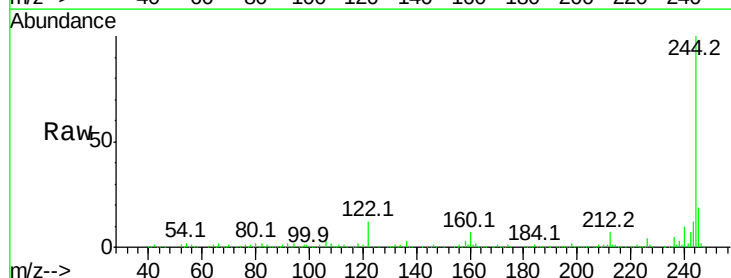
Instrument :  
BNA\_F  
ClientSampleId :

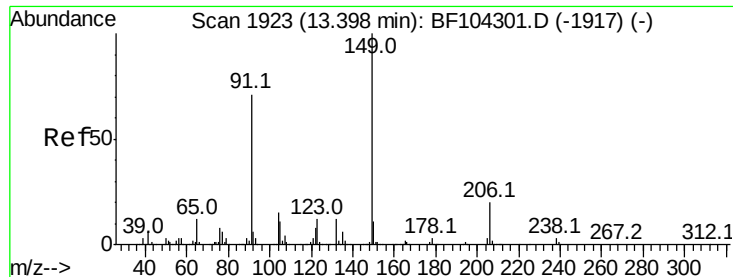
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.6  | 17.4  | 26.2  |
| 203     | 18.1  | 14.3  | 21.5  |



#78  
Terphenyl-d14  
Concen: 76.196 ng  
RT: 12.92 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.4   | 8.0   |
| 122     | 11.7  | 11.0  | 16.4  |

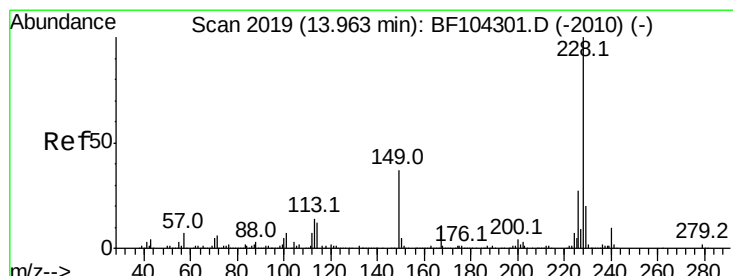
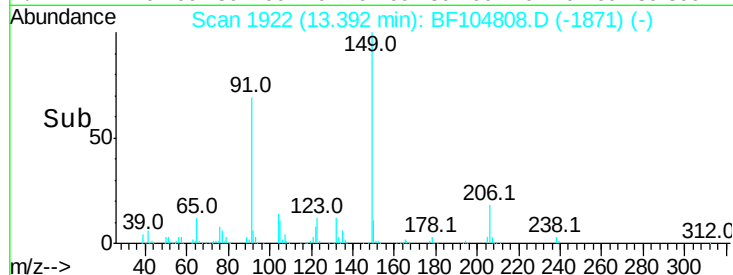
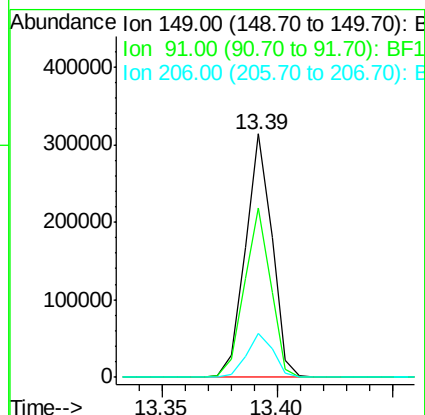
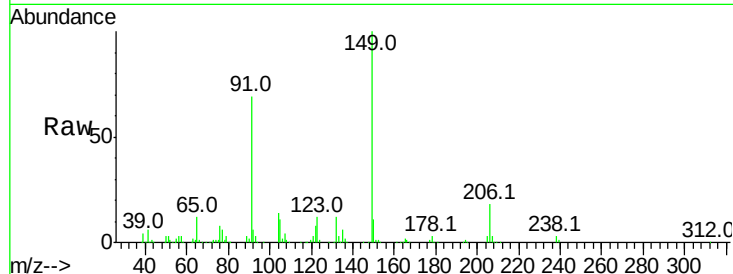




#79  
Butylbenzylphthalate  
Concen: 36.032 ng  
RT: 13.39 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

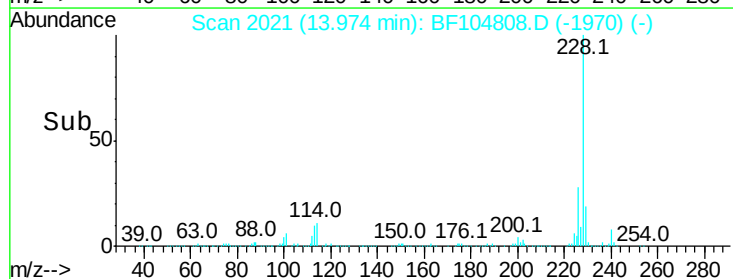
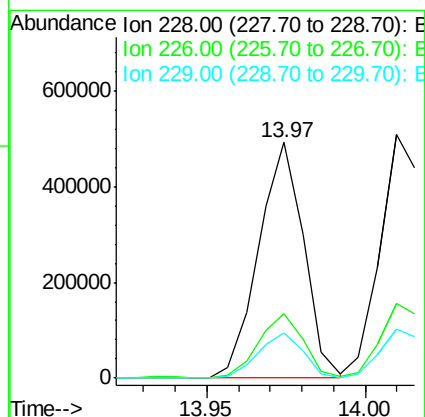
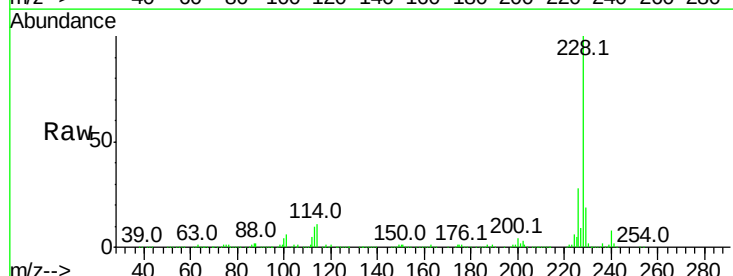
Instrument :  
BNA\_F  
ClientSampleId :

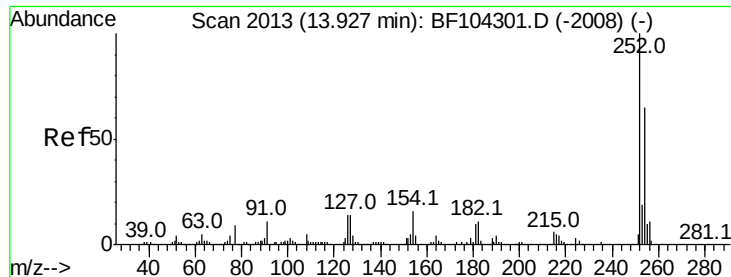
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.5  | 56.8  | 85.2  |
| 206     | 17.9  | 14.1  | 21.1  |



#80  
Benzo(a)anthracene  
Concen: 40.384 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 22.6  | 33.8  |
| 229     | 19.5  | 15.8  | 23.6  |





#81

3,3'-Dichlorobenzidine

Concen: 41.009 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

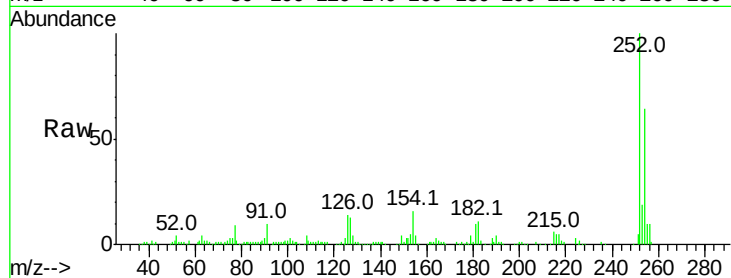
Tot Ion:252 Resp: 183701

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.1  | 50.4  | 75.6  |
| 126 | 14.3  | 11.3  | 16.9  |

252 100

254 64.1 50.4 75.6

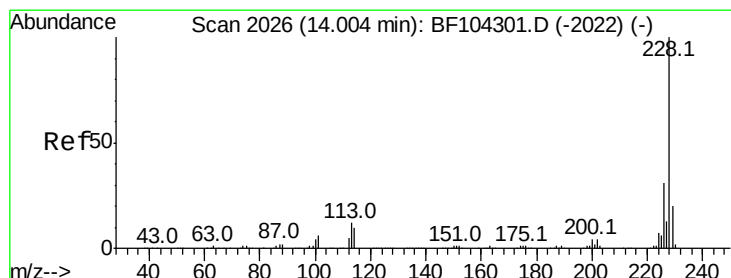
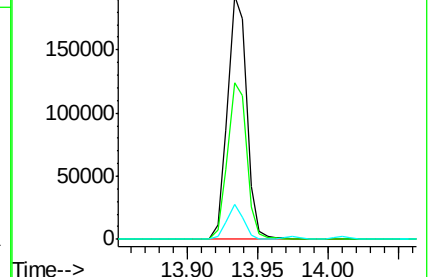
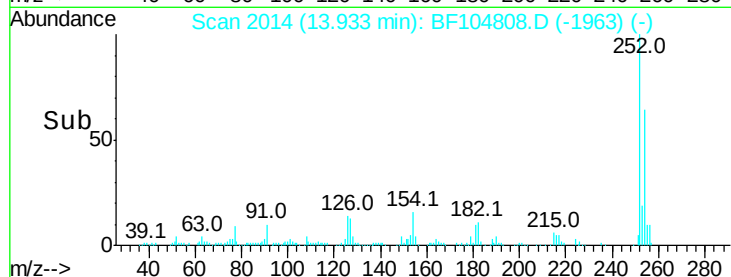
126 14.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.828 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

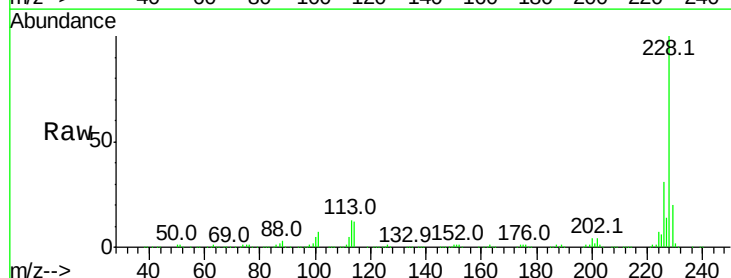
Tgt Ion:228 Resp: 466812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.5  | 25.0  | 37.6  |
| 229 | 19.9  | 16.2  | 24.4  |

228 100

226 30.5 25.0 37.6

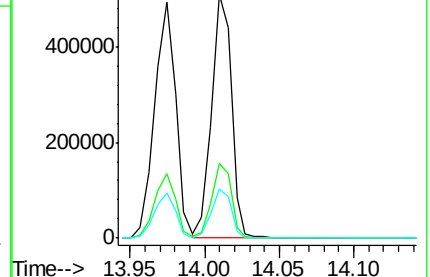
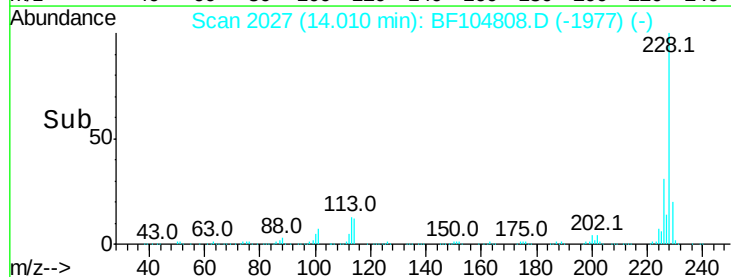
229 19.9 16.2 24.4

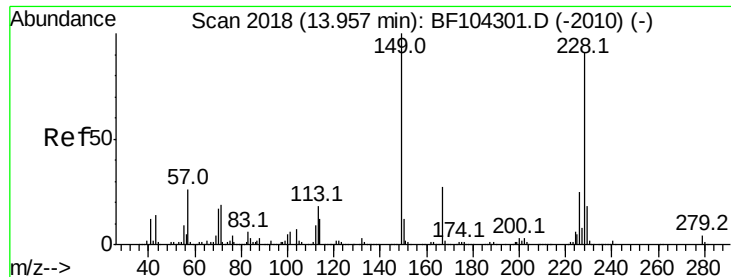


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.294 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

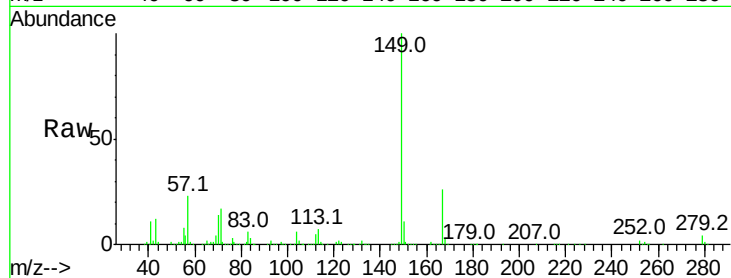
Tot Ion:149 Resp: 345909

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

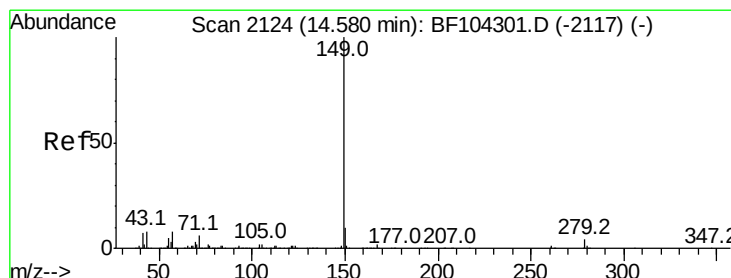
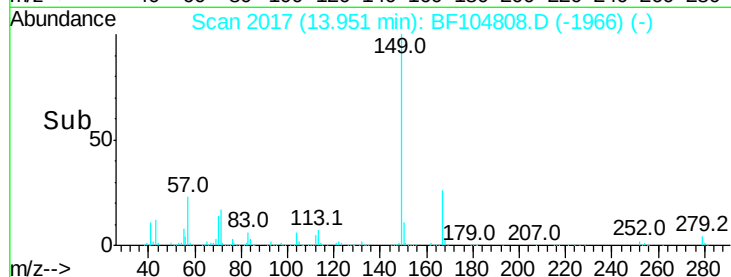
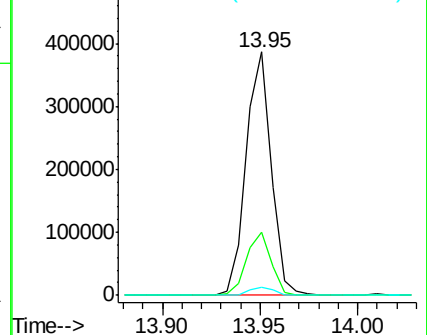
279 3.5 3.0 4.4



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: 36.655 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

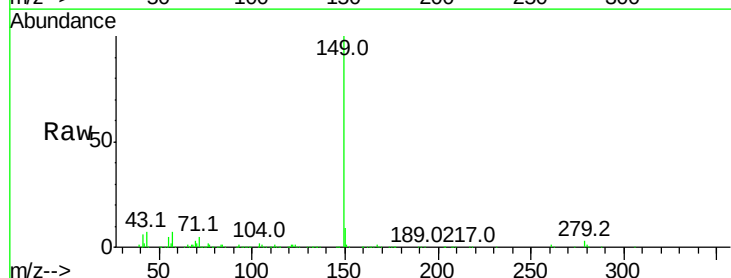
Tgt Ion:149 Resp: 553247

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

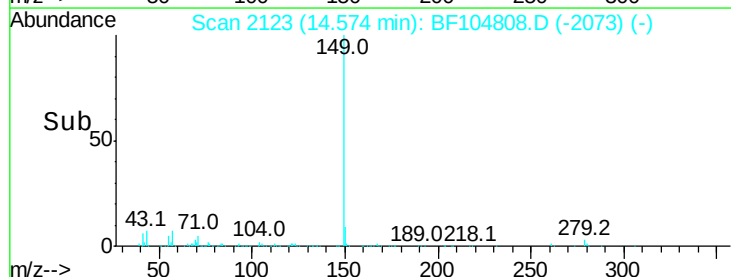
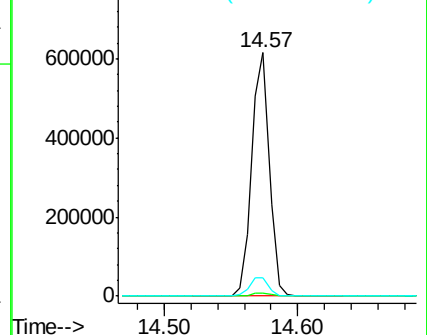
43 7.9 8.4 12.6#

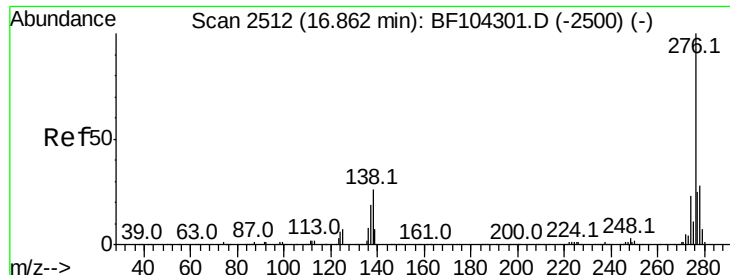


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

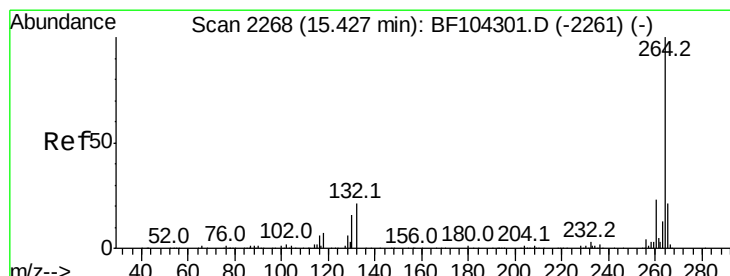
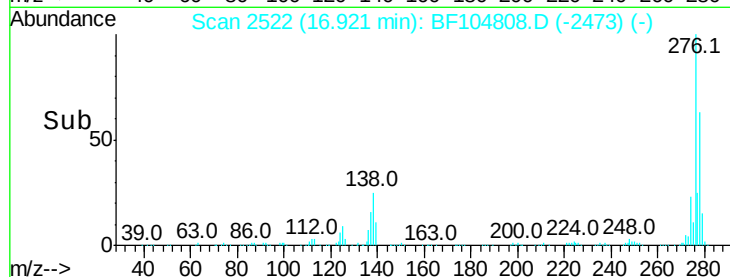
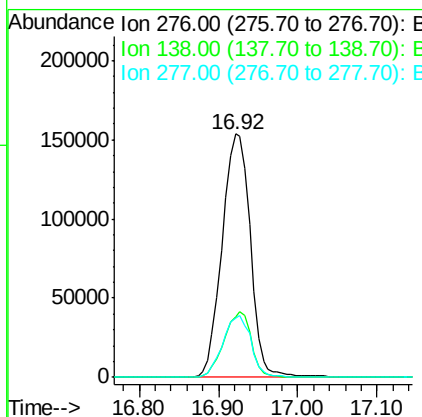
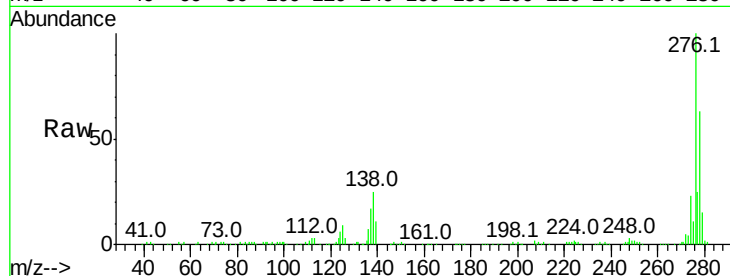




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.211 ng  
 RT: 16.92 min Scan# 2522  
 Delta R.T. -0.01 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

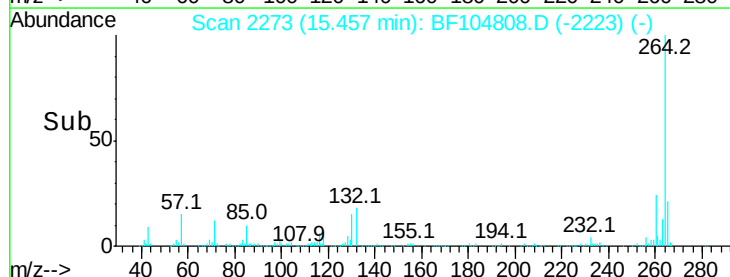
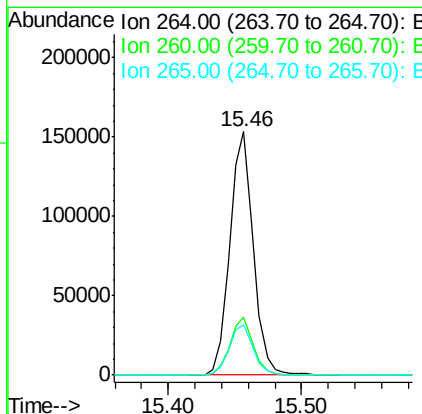
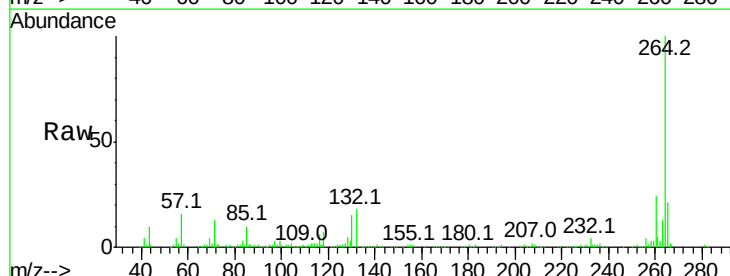
Instrument :  
 BNA\_F  
 ClientSampleId :

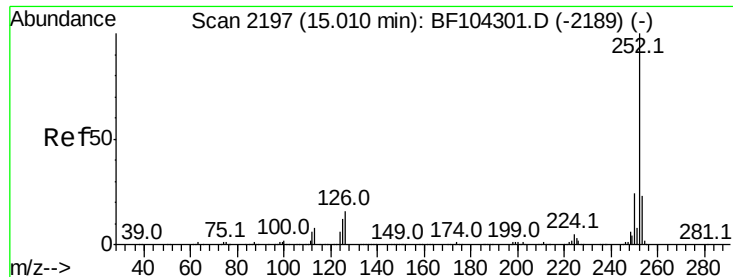
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.2  | 25.0  | 37.6  |
| 277     | 25.4  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.46 min Scan# 2273  
 Delta R.T. -0.01 min  
 Lab File: BF104808.D  
 Acq: 26 Apr 2018 1:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 20.9  | 17.5  | 26.3  |

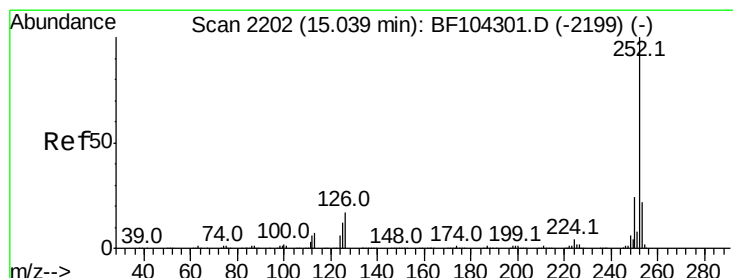
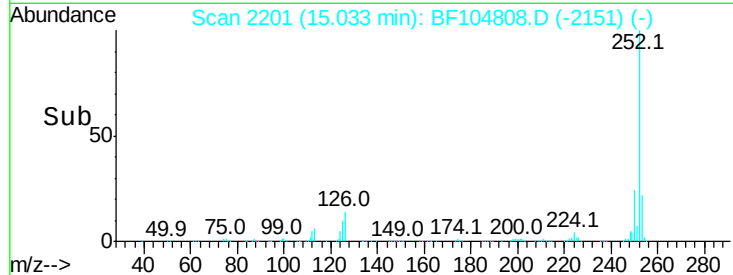
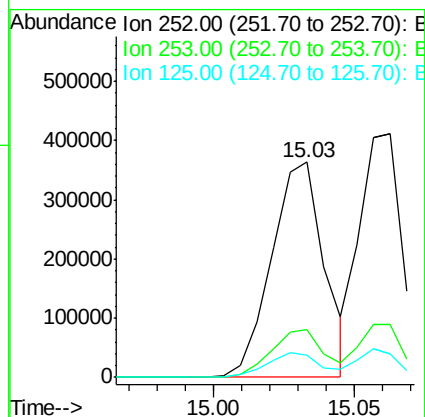
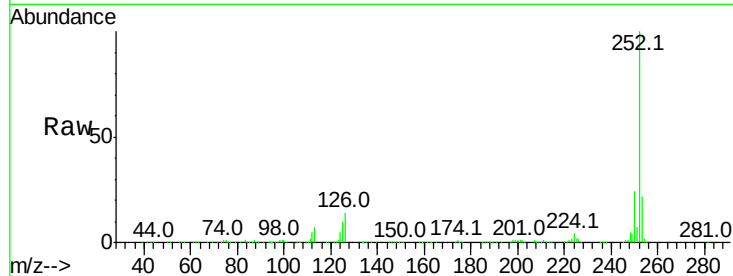




#87  
Benzo(b)fluoranthene  
Concen: 39.432 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. -0.01 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

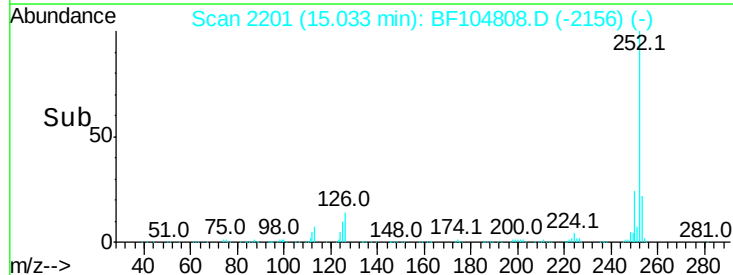
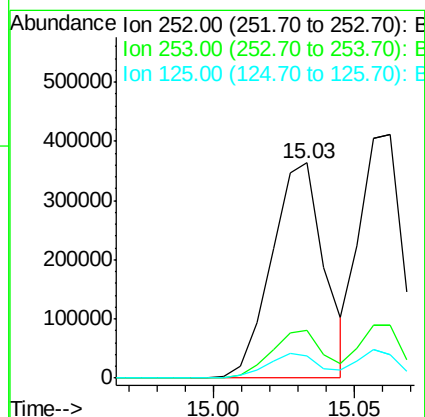
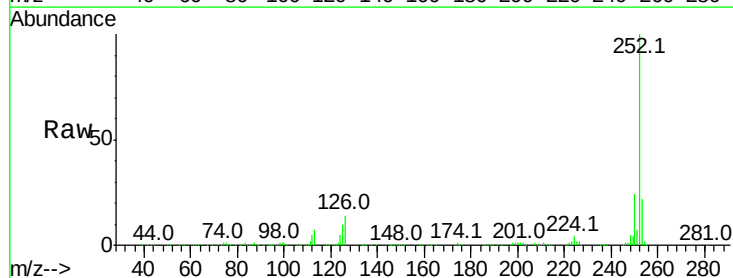
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 471909  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.0 25.6  
125 10.4 9.0 13.6

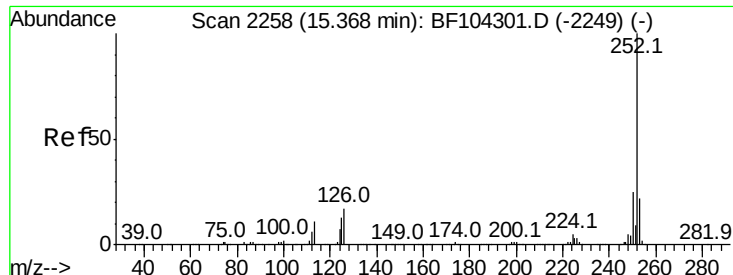


#88  
Benzo(k)fluoranthene  
Concen: 41.767 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. -0.04 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion:252 Resp: 471909  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 10.4 10.2 15.2



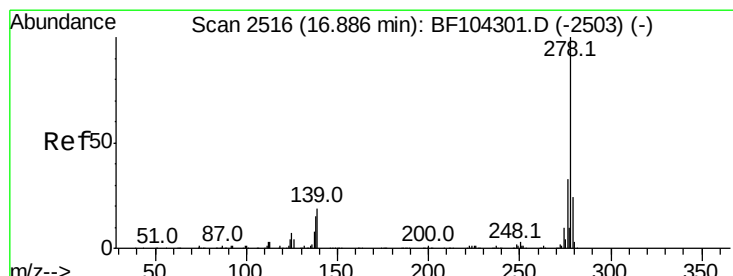
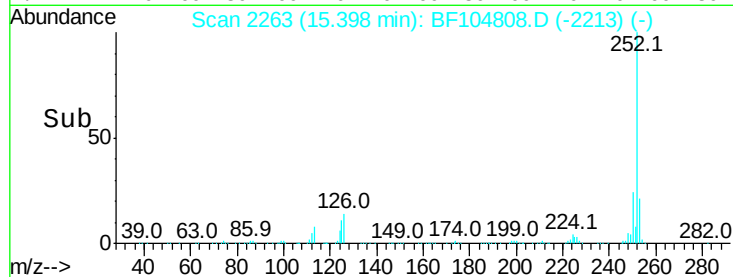
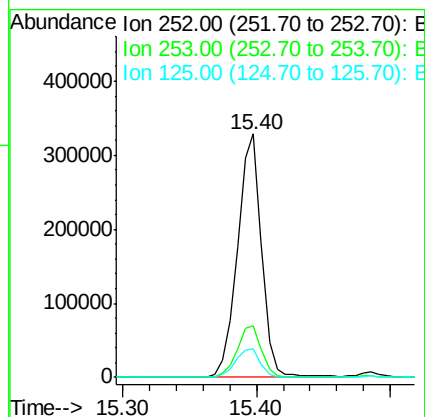
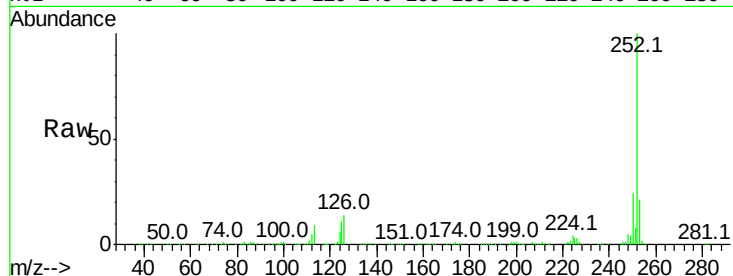




#89  
Benzo(a)pyrene  
Concen: 38.461 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. -0.01 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

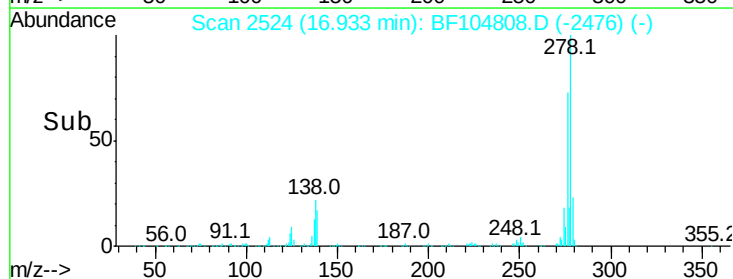
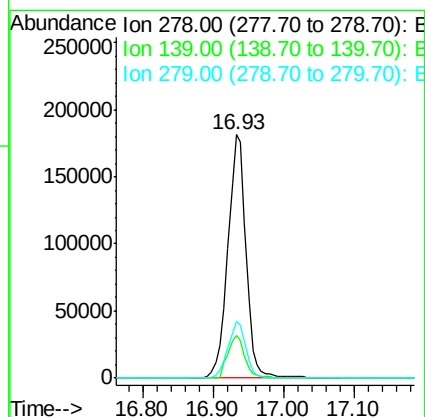
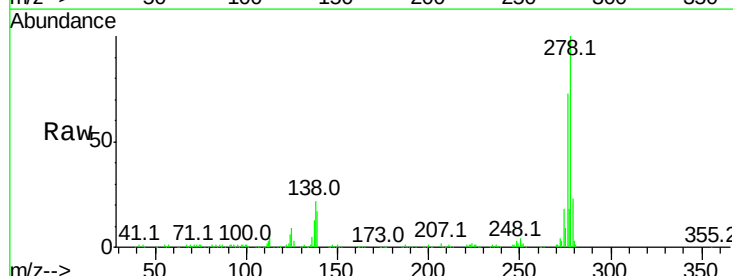
Instrument :  
BNA\_F  
ClientSampled :

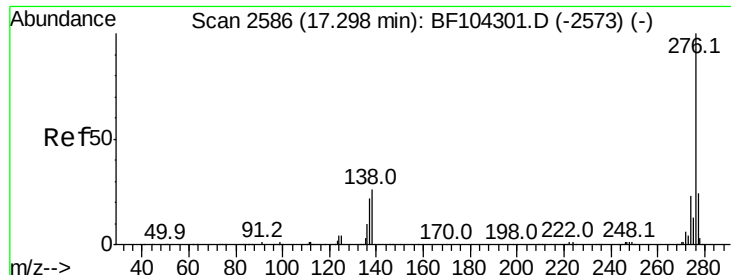
Tot Ion:252 Resp: 411845  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.1 25.7  
125 11.5 9.8 14.6



#90  
Dibenzo(a,h)anthracene  
Concen: 37.045 ng  
RT: 16.93 min Scan# 2524  
Delta R.T. -0.02 min  
Lab File: BF104808.D  
Acq: 26 Apr 2018 1:03

Tgt Ion:278 Resp: 325792  
Ion Ratio Lower Upper  
278 100  
139 17.3 15.9 23.9  
279 23.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 34.017 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BF104808.D

Acq: 26 Apr 2018 1:03

Instrument :

BNA\_F

ClientSampleId :

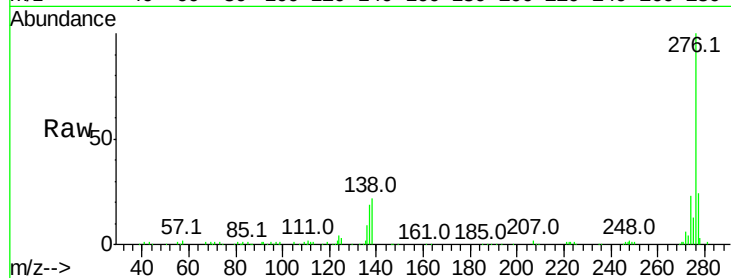
Tot Ion:276 Resp: 289839

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 22.3 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

