

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\  
 Data File : BF109831.D  
 Acq On : 12 Oct 2018 14:06  
 Operator : JU/SJ  
 Sample : PB113692BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 12 14:43:04 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 85716    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.97  | 136  | 371239   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.72  | 164  | 181793   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.20 | 188  | 343913   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.83 | 240  | 248163   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.23 | 264  | 193366   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.33  | 112 | 659866  | 136.65 | ng | 0.00 |
| 7) Phenol-d6             | 6.35  | 99  | 850273  | 131.81 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 534307  | 79.34  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 242353  | 122.35 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.05  | 172 | 1032168 | 78.20  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.78 | 244 | 795626  | 62.06  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.50 | 88  | 99053  | 39.084 | ng | 97     |
| 3) Pyridine                    | 3.22 | 79  | 174342 | 33.344 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.15 | 42  | 84535  | 44.793 | ng | 95     |
| 6) Aniline                     | 6.36 | 93  | 249647 | 33.221 | ng | # 57   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 261640 | 44.055 | ng | 98     |
| 9) Benzaldehyde                | 6.25 | 77  | 129236 | 31.132 | ng | 98     |
| 10) Phenol                     | 6.36 | 94  | 300367 | 40.605 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 216359 | 35.280 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 276555 | 40.714 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.71 | 146 | 301996 | 40.786 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 272006 | 41.829 | ng | 100    |
| 15) Benzyl Alcohol             | 6.85 | 79  | 203968 | 42.649 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97 | 45  | 333901 | 41.061 | ng | 98     |
| 17) 2-Methylphenol             | 6.96 | 107 | 207128 | 44.102 | ng | 94     |
| 18) Hexachloroethane           | 7.20 | 117 | 108867 | 41.596 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 186918 | 41.318 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 245964 | 42.502 | ng | 94     |
| 22) Acetophenone               | 7.11 | 105 | 383641 | 42.735 | ng | # 98   |
| 24) Nitrobenzene               | 7.28 | 77  | 276254 | 39.421 | ng | 99     |
| 25) Isophorone                 | 7.52 | 82  | 519452 | 46.449 | ng | 99     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 134918 | 41.160 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 222866 | 47.083 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.73 | 93  | 317882 | 42.023 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 223821 | 42.156 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 230638 | 39.241 | ng | 99     |
| 31) Naphthalene                | 8.00 | 128 | 791706 | 46.113 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 109402 | 32.327 | ng | 96     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 196677 | 26.013 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 143318 | 39.218 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 35437  | 22.349 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 239270 | 42.693 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 511901 | 45.518 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 237146 | 38.322 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.85 | 237 | 222347 | 81.872 | ng | 99     |

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 Sample : PB113692BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

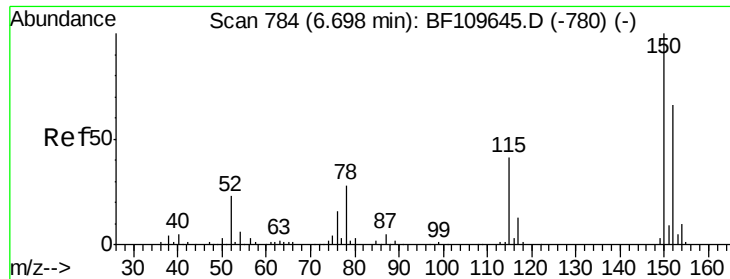
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 12 14:43:04 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.97  | 196  | 141434   | 38.232 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 160406   | 37.712 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.15  | 154  | 630684   | 38.834 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.17  | 162  | 487434   | 40.061 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 149210   | 40.501 | ng    | 90       |
| 48) Acenaphthylene             | 9.59  | 152  | 760139   | 42.853 | ng    | 99       |
| 49) Dimethylphthalate          | 9.46  | 163  | 541570   | 40.619 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.52  | 165  | 117870   | 40.784 | ng    | 90       |
| 51) Acenaphthene               | 9.76  | 154  | 425867   | 40.500 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.69  | 138  | 82728    | 25.536 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 76971    | 82.547 | ng    | 99       |
| 54) Dibenzofuran               | 9.93  | 168  | 638672   | 40.520 | ng    | 99       |
| 55) 4-Nitrophenol              | 9.87  | 139  | 117915   | 66.495 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 146902   | 40.730 | ng    | # 87     |
| 57) Fluorene                   | 10.27 | 166  | 505542   | 42.949 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 138956   | 40.189 | ng    | 98       |
| 59) Diethylphthalate           | 10.15 | 149  | 533315   | 40.371 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.26 | 204  | 246447   | 39.687 | ng    | 98       |
| 61) 4-Nitroaniline             | 10.31 | 138  | 120091   | 40.027 | ng    | 99       |
| 62) Azobenzene                 | 10.43 | 77   | 561941   | 41.889 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 57449    | 34.320 | ng    | 95       |
| 65) n-Nitrosodiphenylamine     | 10.39 | 169  | 466038   | 39.973 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.75 | 248  | 153195   | 38.768 | ng    | 95       |
| 67) Hexachlorobenzene          | 10.82 | 284  | 167500   | 39.145 | ng    | 95       |
| 68) Atrazine                   | 10.92 | 200  | 148644   | 40.853 | ng    | 99       |
| 69) Pentachlorophenol          | 11.02 | 266  | 153588   | 63.787 | ng    | 96       |
| 70) Phenanthrene               | 11.23 | 178  | 731470   | 42.501 | ng    | 99       |
| 71) Anthracene                 | 11.28 | 178  | 804644   | 45.227 | ng    | 99       |
| 72) Carbazole                  | 11.44 | 167  | 687361   | 39.835 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.77 | 149  | 812037   | 40.575 | ng    | 99       |
| 74) Fluoranthene               | 12.41 | 202  | 781642   | 43.473 | ng    | 99       |
| 76) Benzidine                  | 12.54 | 184  | 363830   | 39.467 | ng    | 98       |
| 77) Pyrene                     | 12.64 | 202  | 757049   | 41.637 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.26 | 149  | 326498   | 41.419 | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.82 | 228  | 580301   | 42.374 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 146533   | 26.574 | ng    | 99       |
| 82) Chrysene                   | 13.86 | 228  | 620266   | 43.120 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 404846   | 42.095 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.42 | 149  | 636761   | 41.888 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 457411   | 44.426 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.84 | 252  | 463531   | 43.378 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 14.86 | 252  | 483711   | 45.053 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.17 | 252  | 447560   | 46.154 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.59 | 278  | 383388   | 48.140 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.99 | 276  | 386482   | 48.597 | ng    | 98       |

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



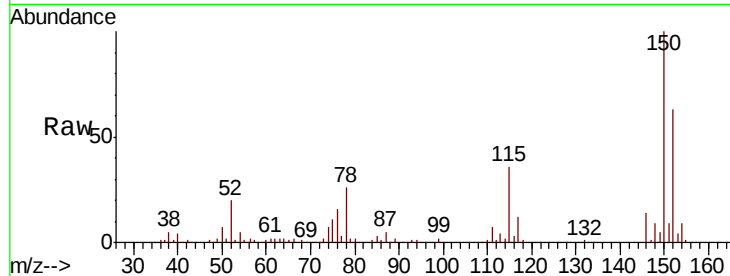


#1

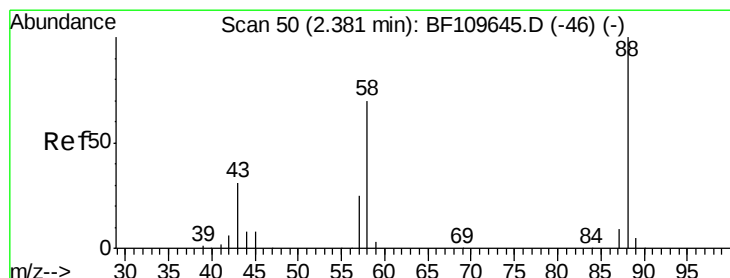
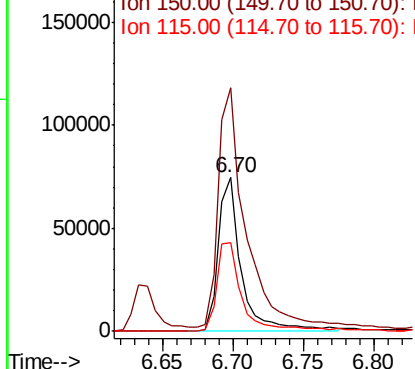
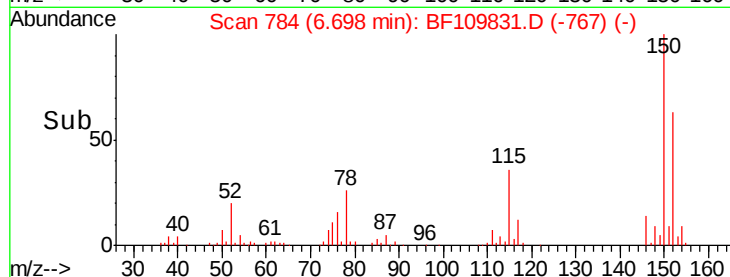
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 85716  
Ion Ratio Lower Upper  
152 100  
150 158.3 122.7 184.1  
115 57.6 49.1 73.7



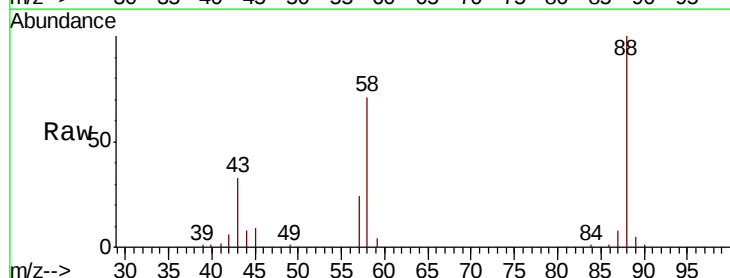
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



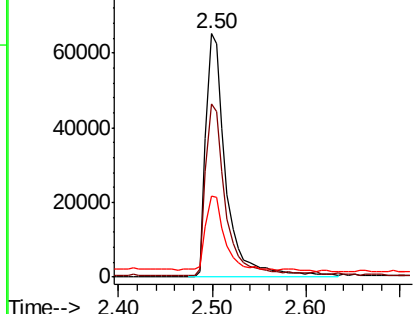
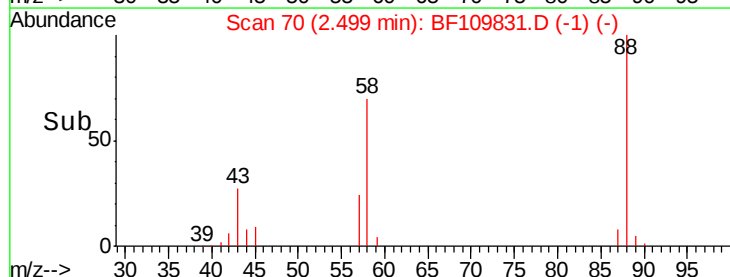
#2

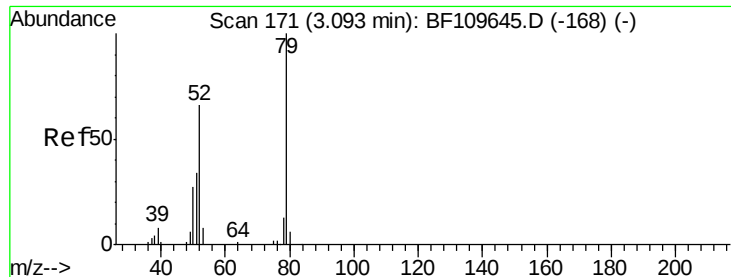
1,4-Dioxane  
Concen: 39.084 ng  
RT: 2.50 min Scan# 70  
Delta R.T. 0.12 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion: 88 Resp: 99053  
Ion Ratio Lower Upper  
88 100  
58 69.3 57.1 85.7  
43 28.0 24.1 36.1



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





#3

Pvridine

Concen: 33.344 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.13 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

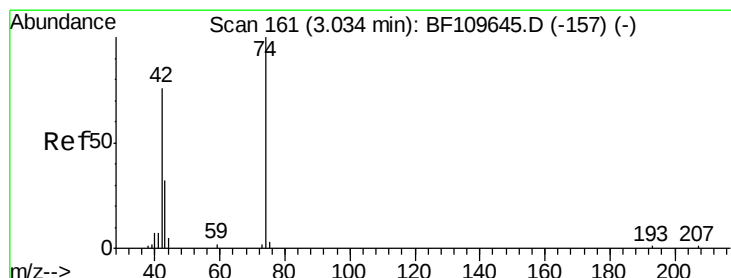
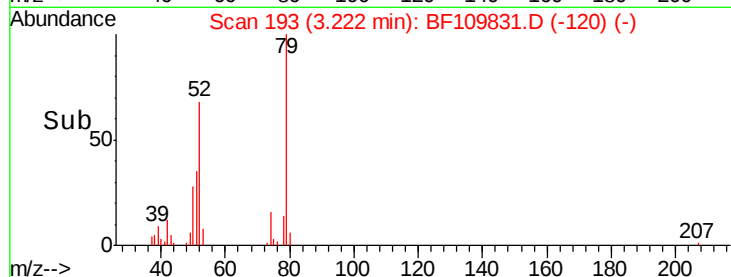
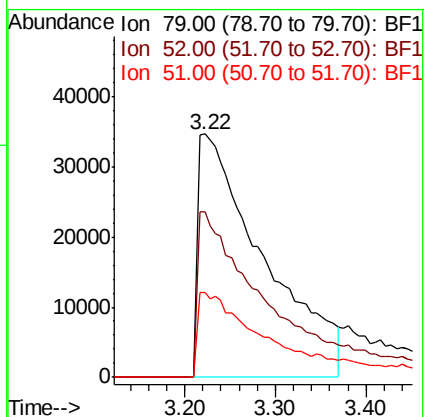
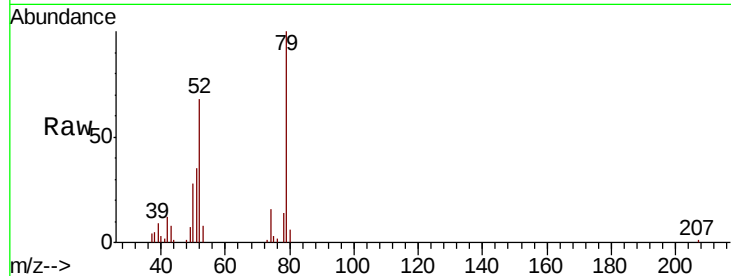
Tot Ion: 79 Resp: 174342

Ion Ratio Lower Upper

79 100

52 67.8 53.1 79.7

51 35.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 44.793 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.12 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

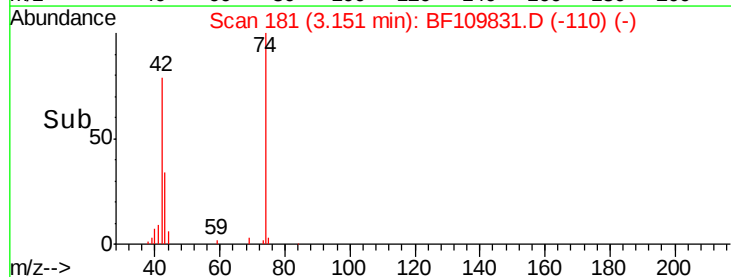
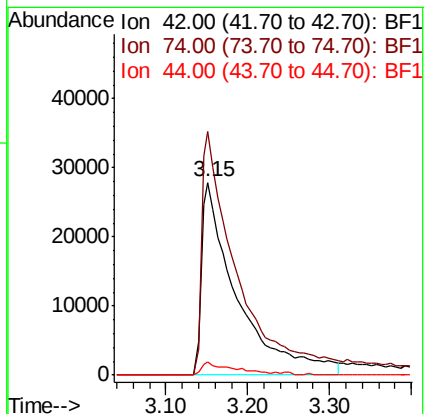
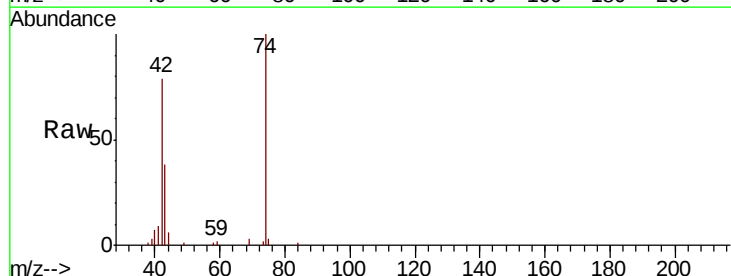
Tgt Ion: 42 Resp: 84535

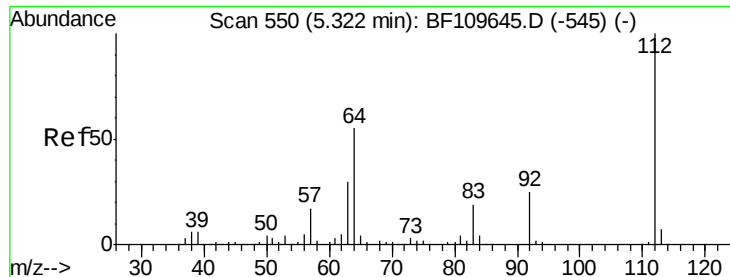
Ion Ratio Lower Upper

42 100

74 126.4 105.5 158.3

44 7.1 4.9 7.3





#5

2-Fluorophenol

Concen: 136.647 ng

RT: 5.33 min Scan# 551

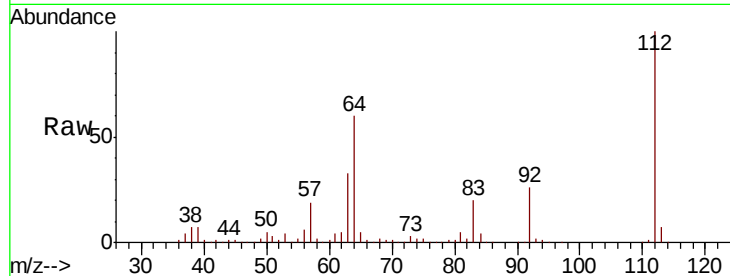
Delta R.T. 0.01 min

Lab File: BF109831.D

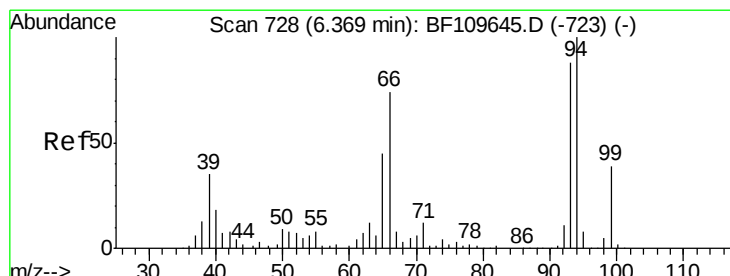
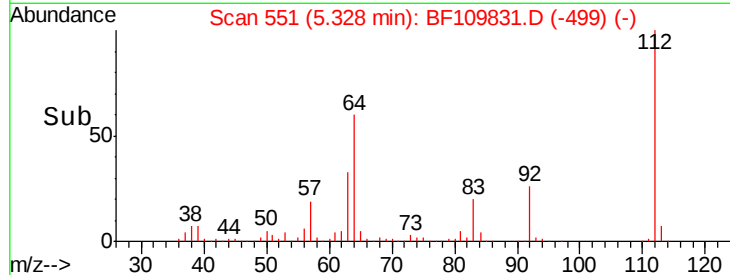
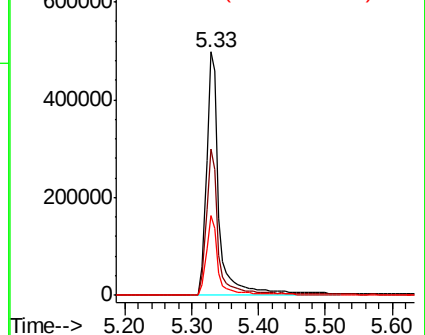
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 659866 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 60.3  | 44.1  | 66.1   |
| 63       | 32.8  | 23.7  | 35.5   |



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



#6

Aniline

Concen: 33.221 ng

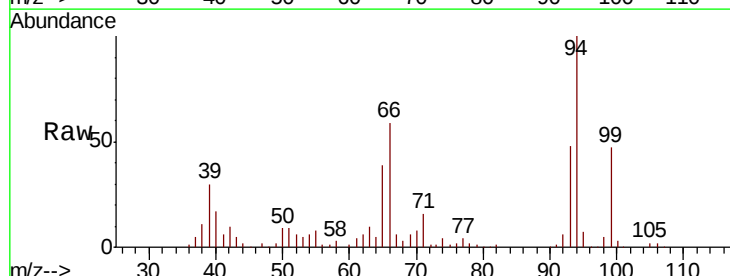
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

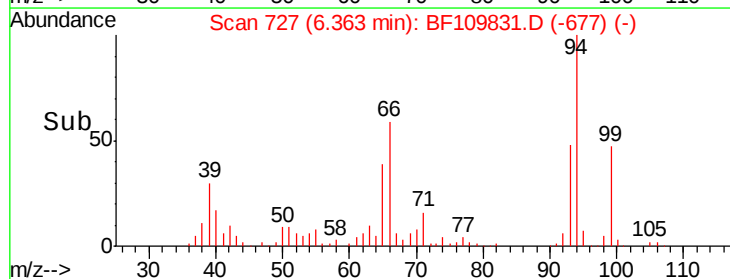
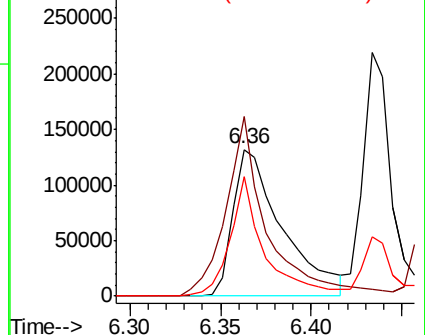
Lab File: BF109831.D

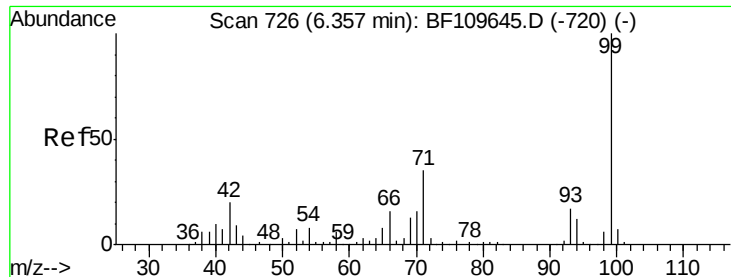
Acq: 12 Oct 2018 14:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 249647 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 122.4 | 67.4  | 101.0# |
| 65       | 81.5  | 41.0  | 61.4#  |



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: 131.805 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

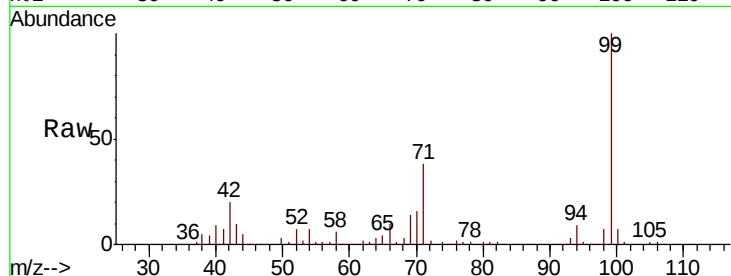
Tot Ion: 99 Resp: 850273

Ion Ratio Lower Upper

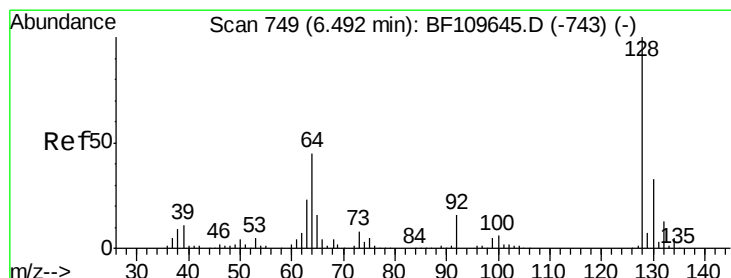
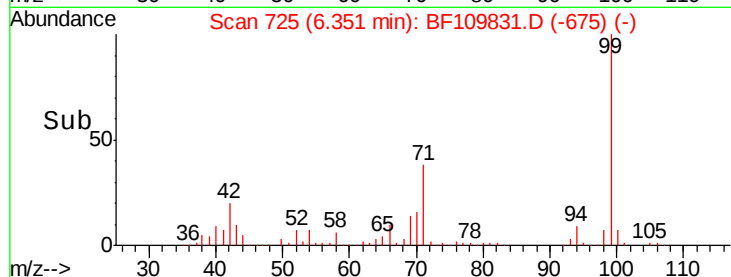
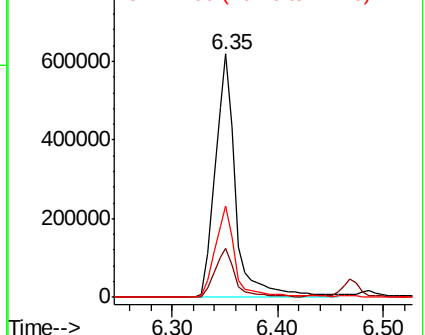
99 100

42 20.3 15.8 23.6

71 37.7 28.0 42.0



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: 44.055 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

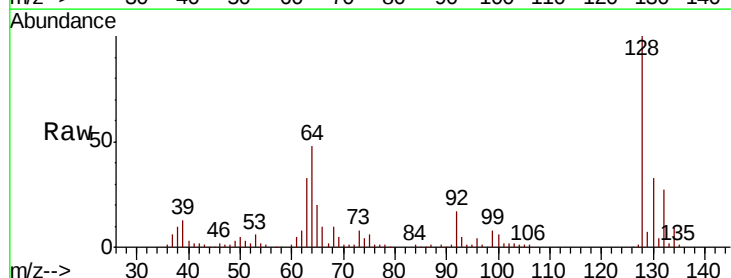
Tgt Ion: 128 Resp: 261640

Ion Ratio Lower Upper

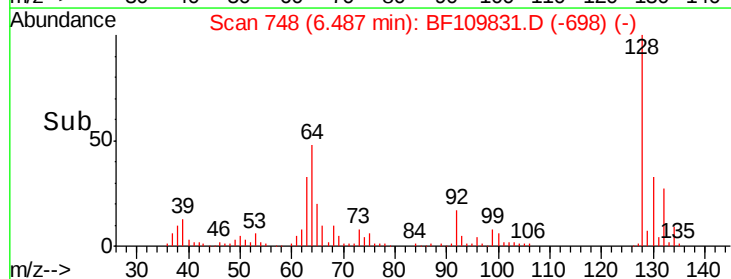
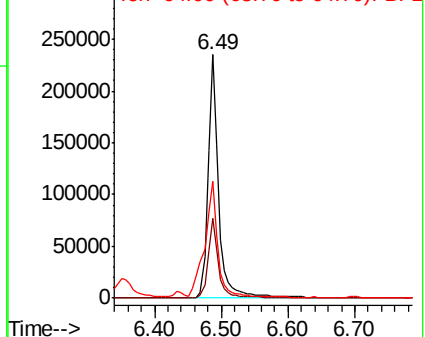
128 100

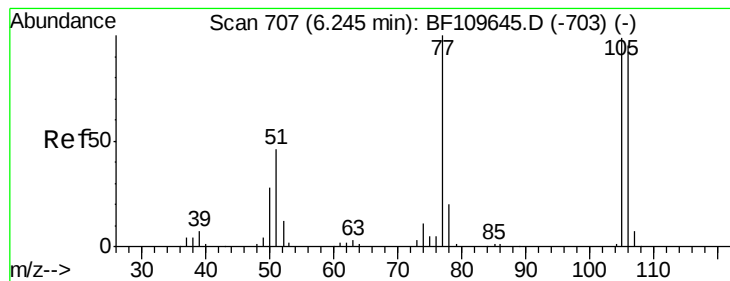
130 32.8 13.1 53.1

64 47.9 26.0 66.0



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: 31.132 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampled :

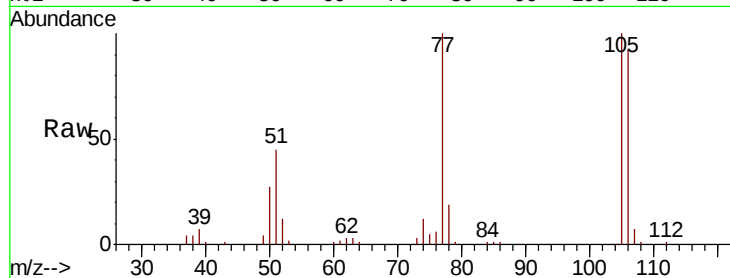
Tot Ion: 77 Resp: 129236

Ion Ratio Lower Upper

77 100

105 100.0 78.6 118.6

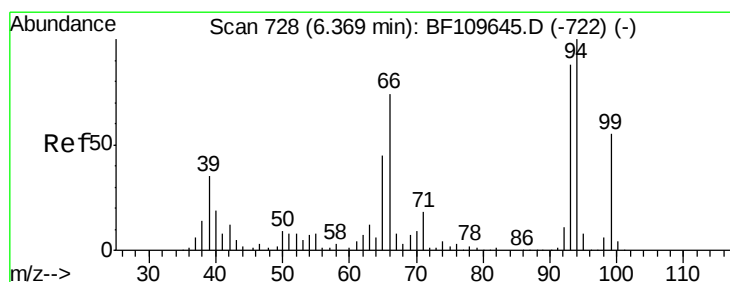
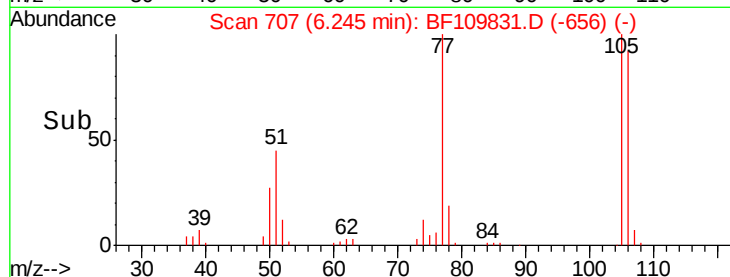
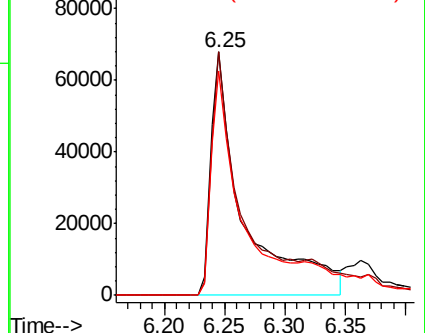
106 92.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.605 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

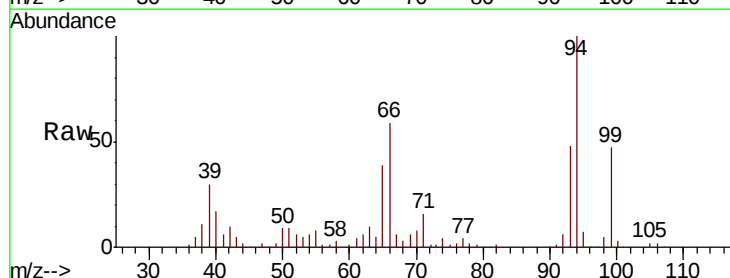
Tgt Ion: 94 Resp: 300367

Ion Ratio Lower Upper

94 100

65 39.3 25.3 65.3

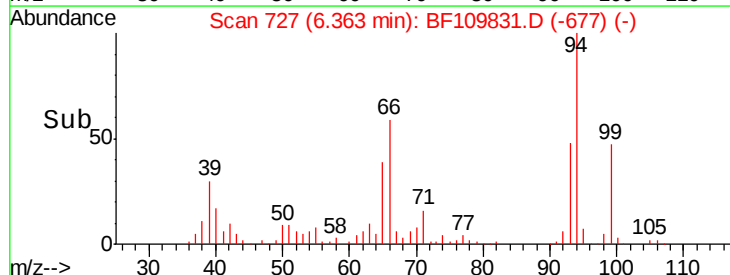
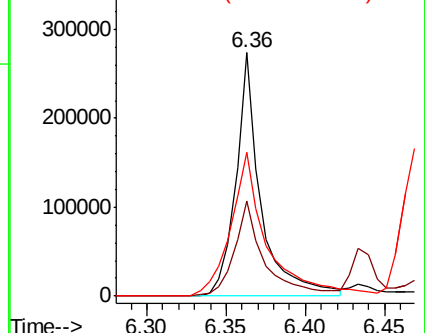
66 59.0 54.5 94.5

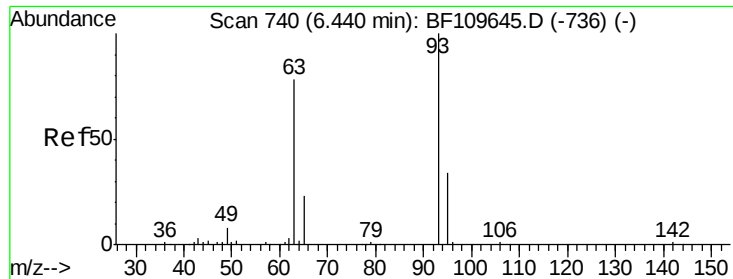


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

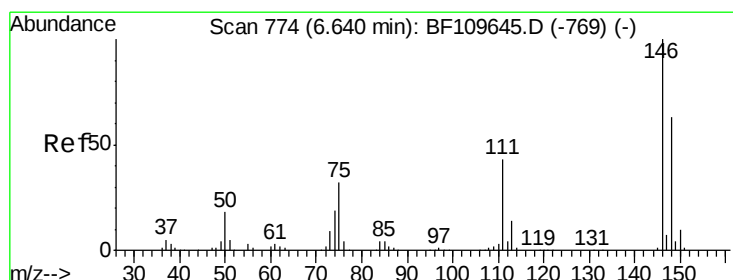
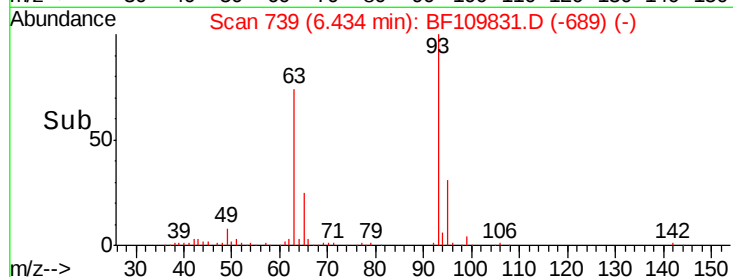
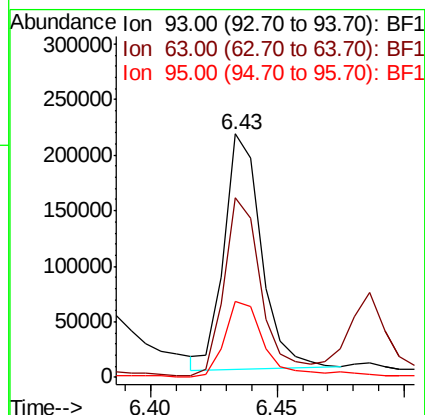
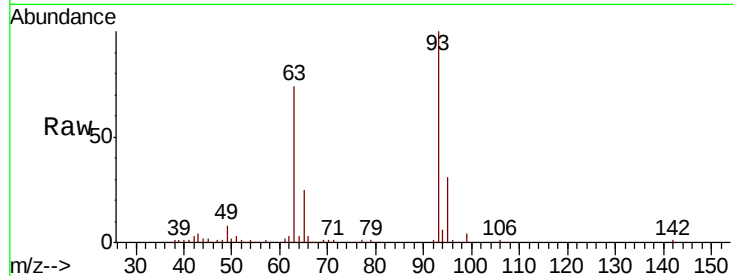




#11  
bis(2-Chloroethyl)ether  
Concen: 35.280 ng  
RT: 6.43 min Scan# 739  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

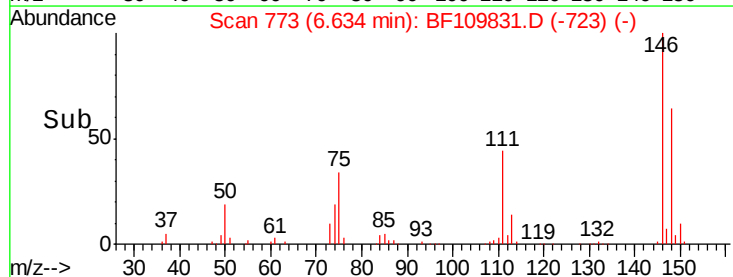
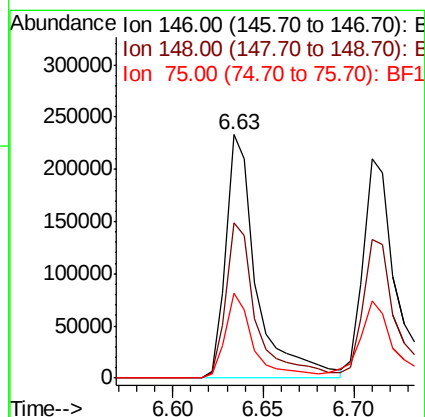
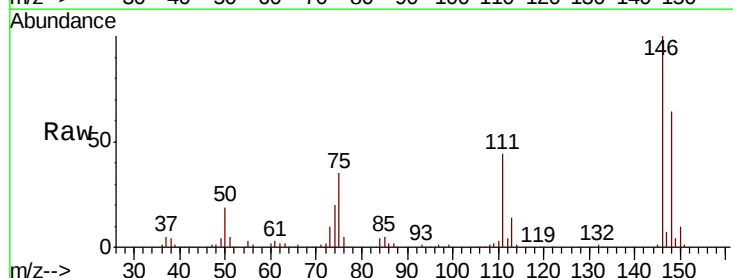
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 93 Resp: 216359  
Ion Ratio Lower Upper  
93 100  
63 74.0 53.4 93.4  
95 30.9 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 40.714 ng  
RT: 6.63 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion: 146 Resp: 276555  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.4 75.6  
75 34.7 25.8 38.6

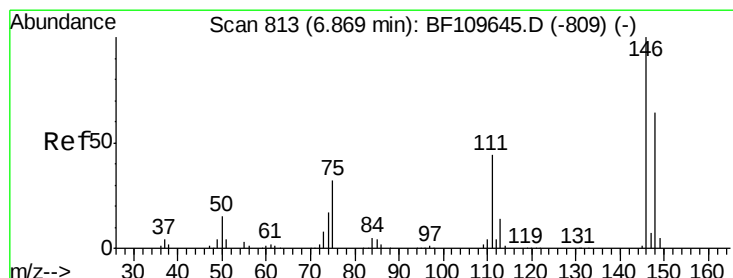
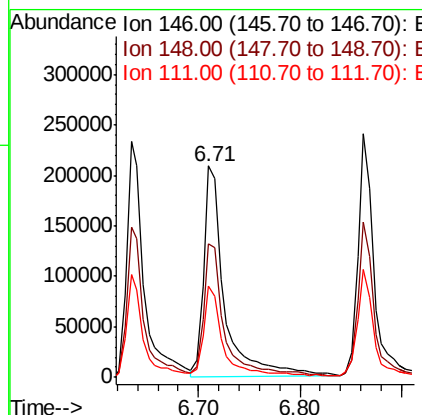
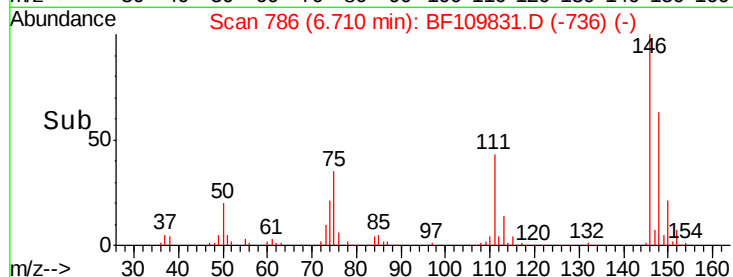
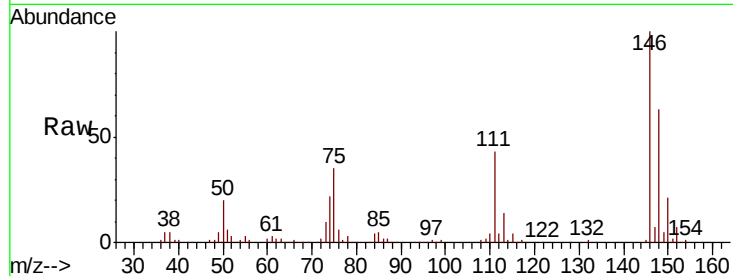




#13  
 1,4-Dichlorobenzene  
 Concen: 40.786 ng  
 RT: 6.71 min Scan# 786  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

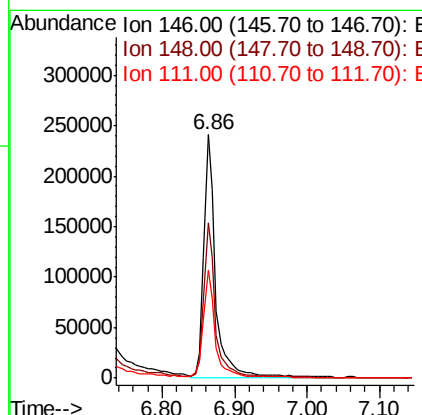
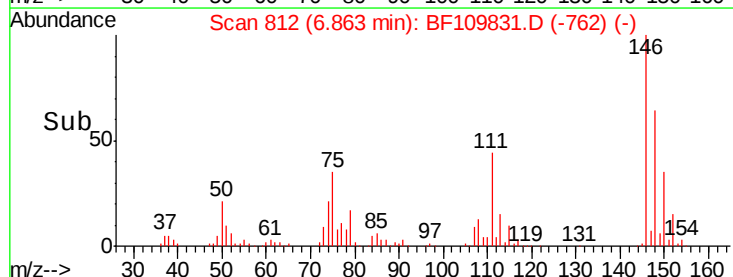
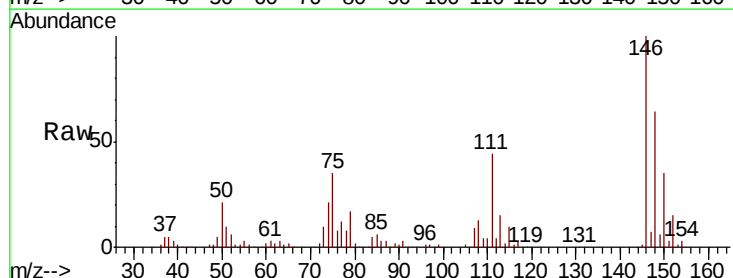
Instrument :  
 BNA\_F  
 ClientSampleId :

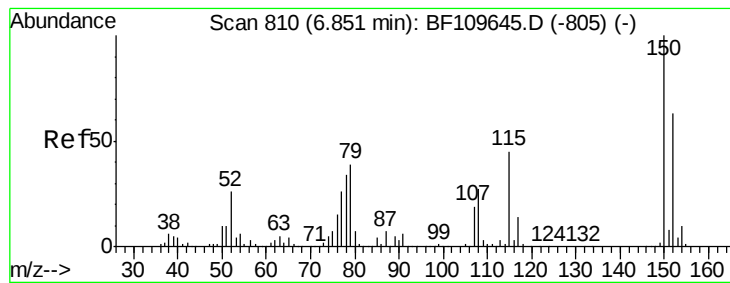
Tot Ion:146 Resp: 301996  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 50.3 75.5  
 111 43.3 32.7 49.1



#14  
 1,2-Dichlorobenzene  
 Concen: 41.829 ng  
 RT: 6.86 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Tgt Ion:146 Resp: 272006  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 51.1 76.7  
 111 44.5 35.8 53.6





#15

Benzyl Alcohol

Concen: 42.649 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

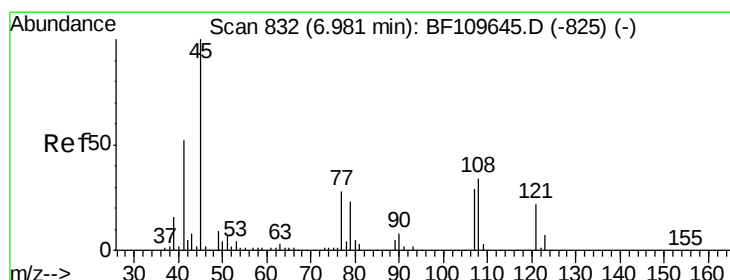
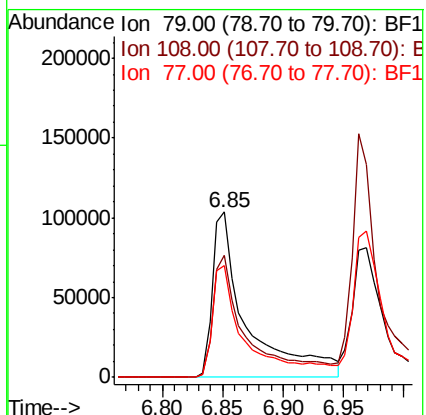
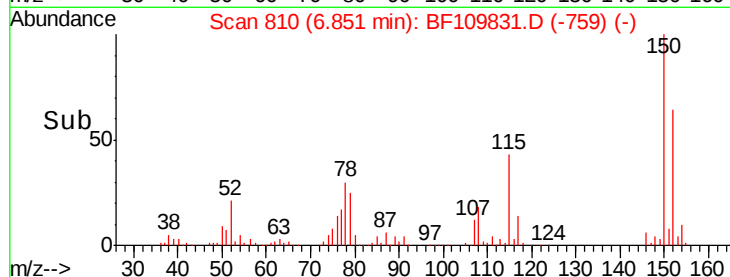
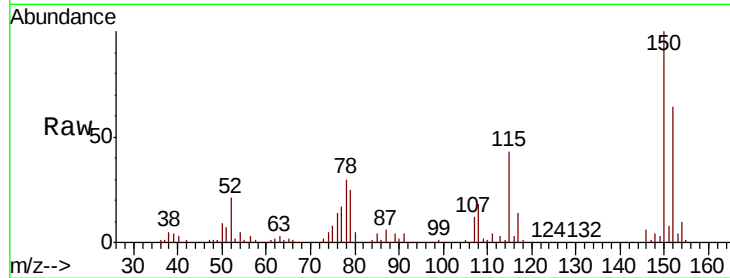
Tot Ion: 79 Resp: 203968

Ion Ratio Lower Upper

79 100

108 73.8 56.3 84.5

77 68.0 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.061 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

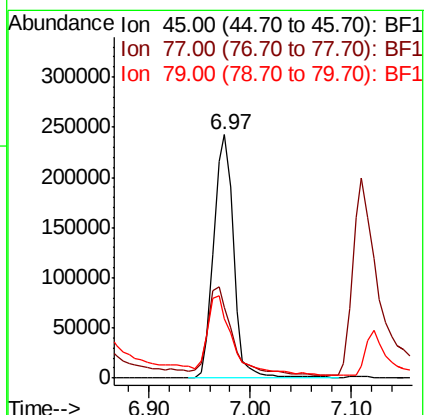
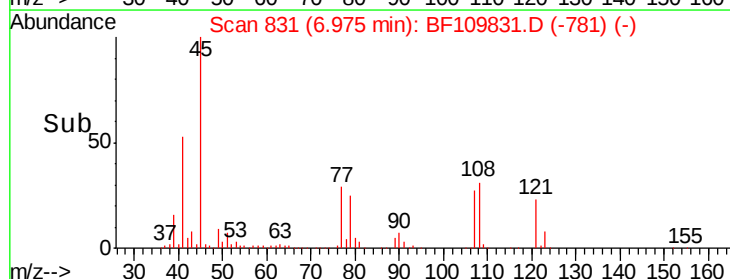
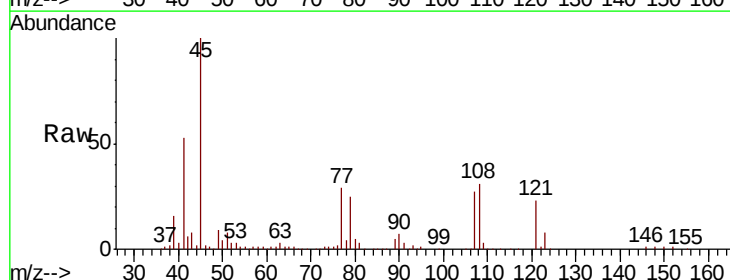
Tgt Ion: 45 Resp: 333901

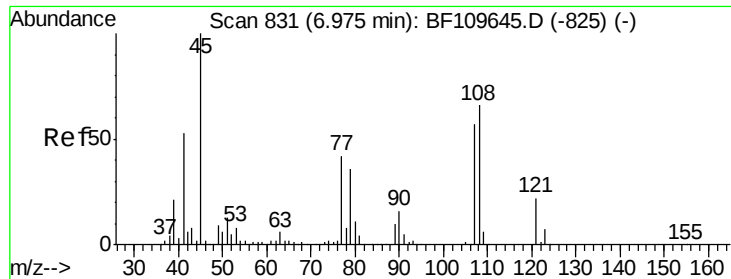
Ion Ratio Lower Upper

45 100

77 29.0 10.0 50.0

79 24.6 6.1 46.1

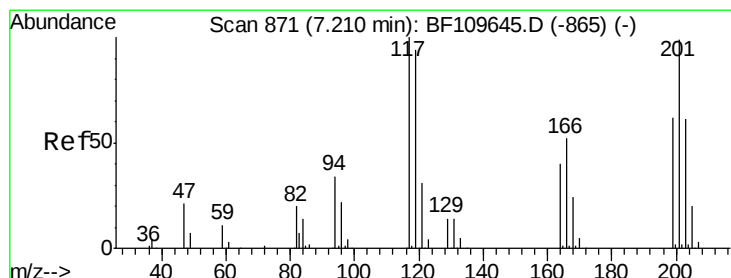
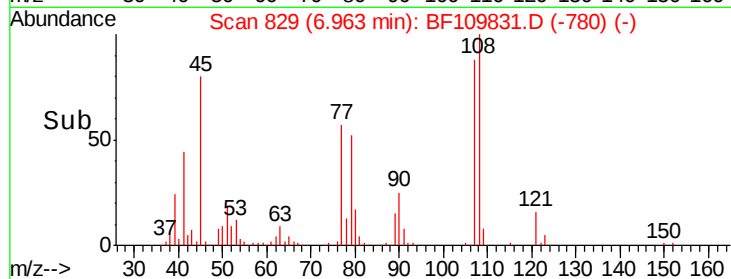
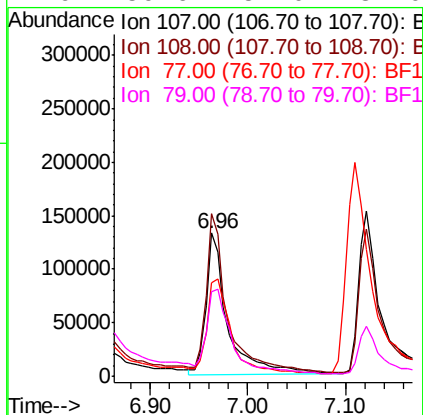
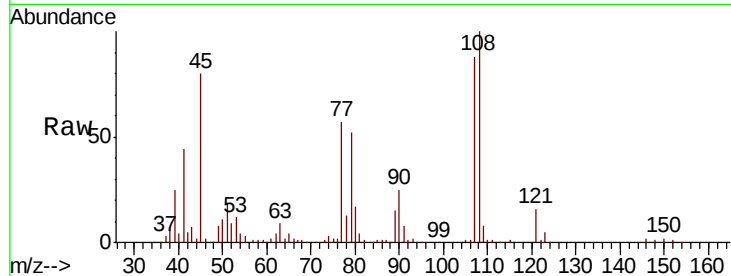




#17  
2-Methylphenol  
Concen: 44.102 ng  
RT: 6.96 min Scan# 829  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

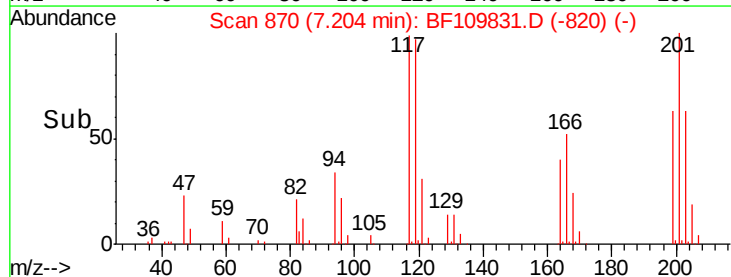
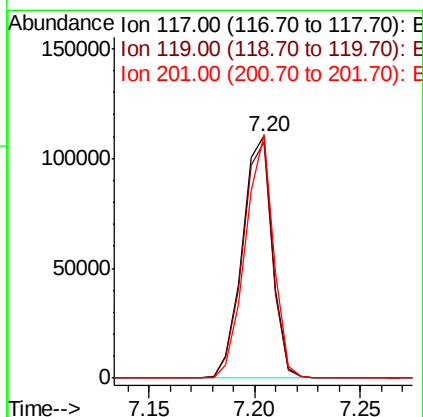
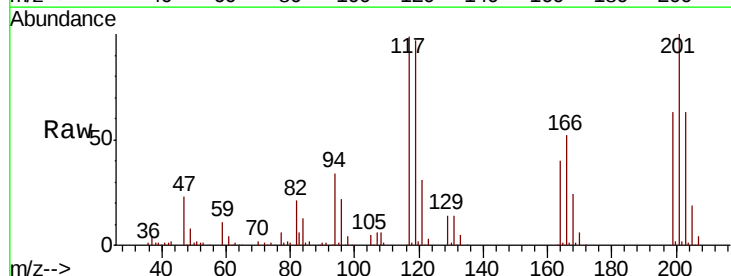
Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 207128 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.2 | 92.6  | 138.8  |
| 77       | 65.5  | 59.4  | 89.2   |
| 79       | 59.6  | 54.0  | 81.0   |



#18  
Hexachloroethane  
Concen: 41.596 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 108867 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.8  | 75.0  | 112.6  |
| 201      | 100.7 | 79.2  | 118.8  |

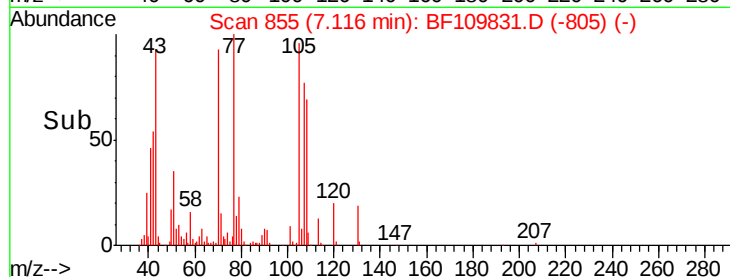
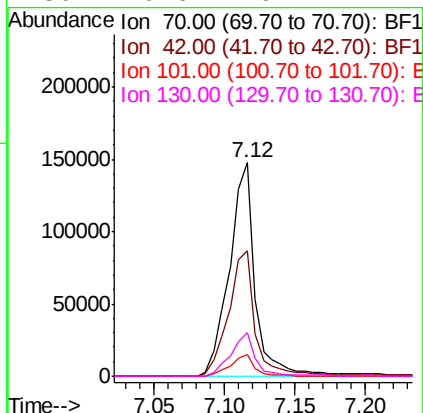
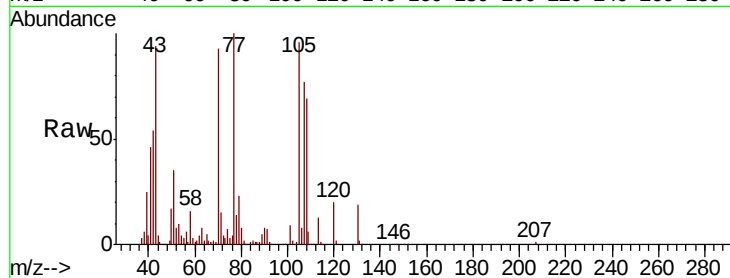




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.318 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

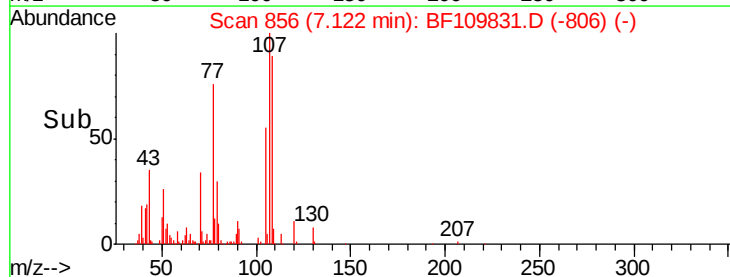
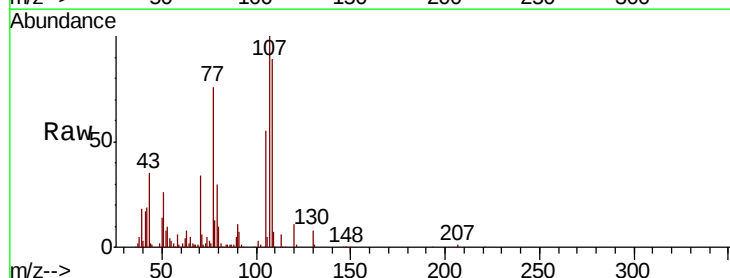
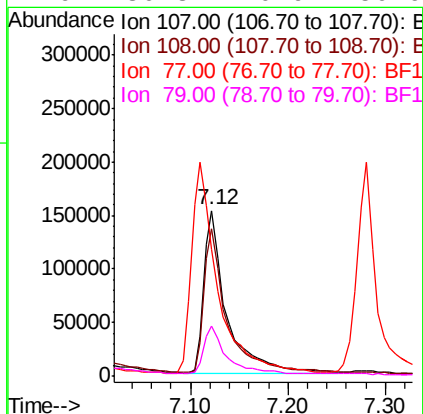
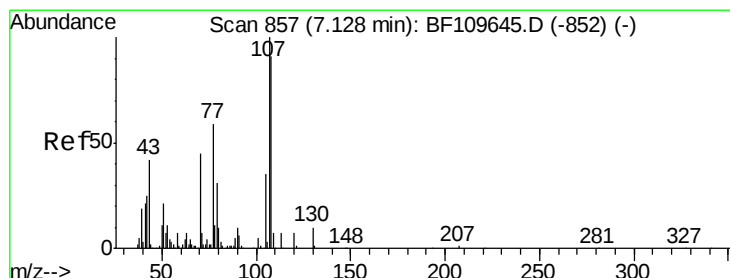
Instrument :  
BNA\_F  
ClientSampleId :

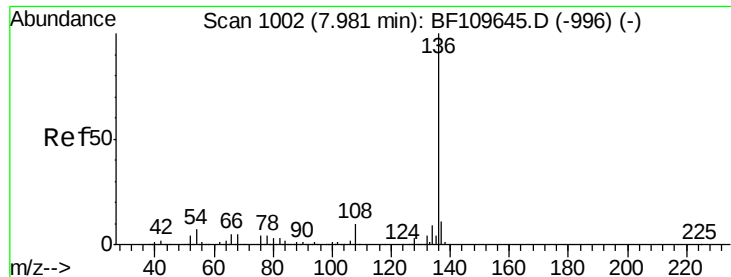
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 186918 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.5  | 47.4  | 71.2   |
| 101      | 9.9   | 7.3   | 10.9   |
| 130      | 20.6  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 42.502 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 245964 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 71.4  | 111.4  |
| 77       | 76.4  | 47.3  | 87.3   |
| 79       | 30.3  | 10.9  | 50.9   |

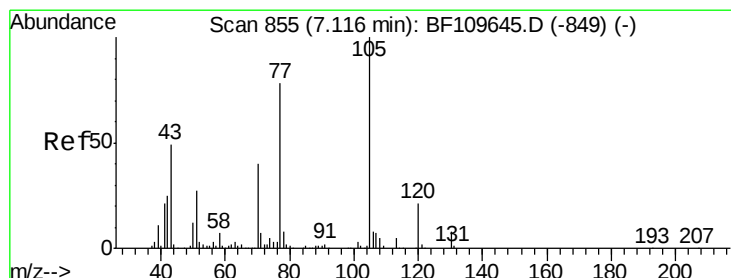
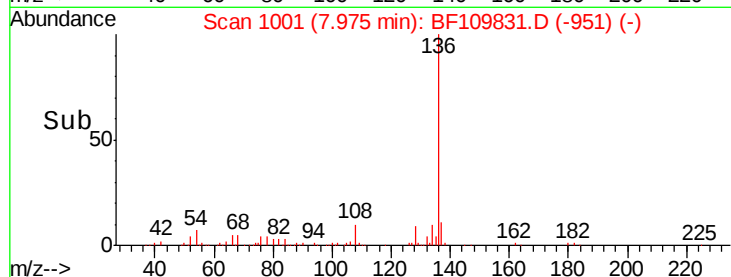
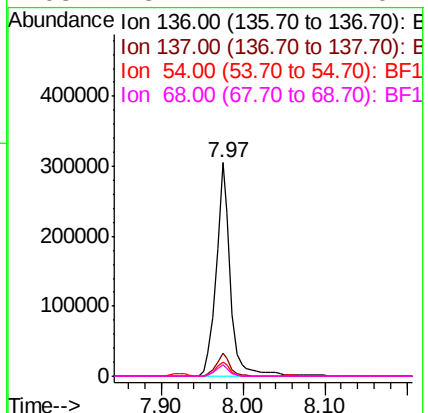
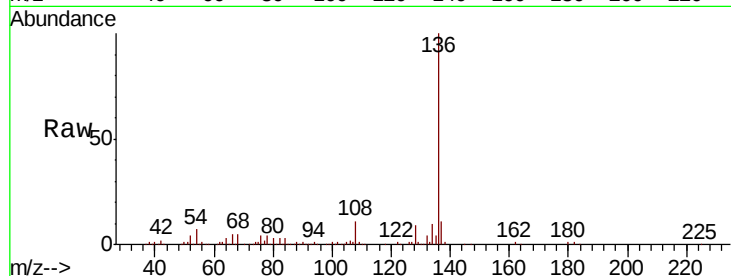




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

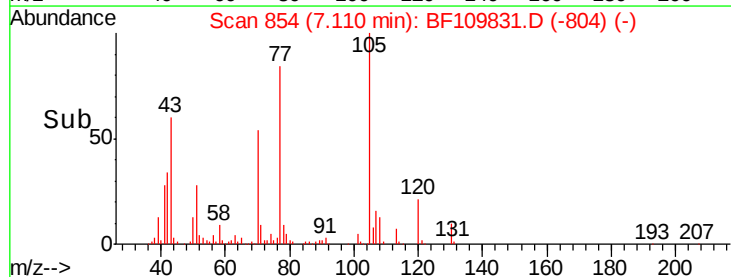
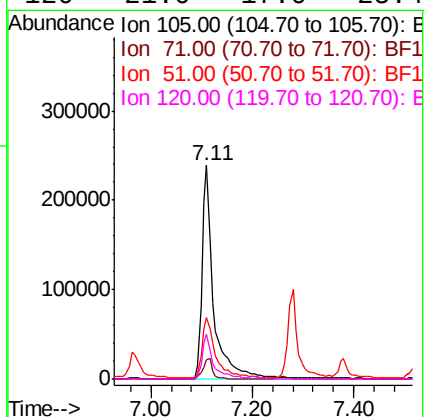
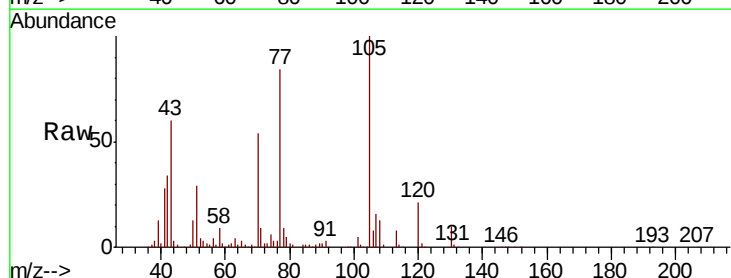
Instrument :  
BNA\_F  
ClientSampled :

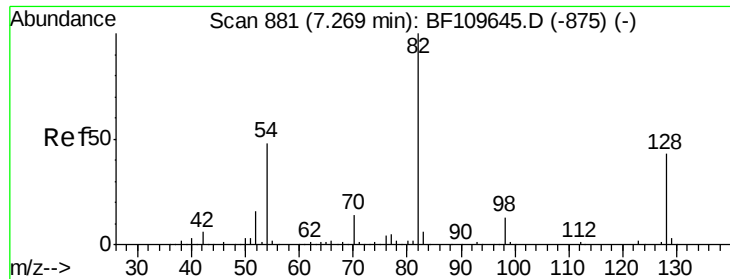
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 371239 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.6    | 8.8   | 13.2   |
| 54 6.9      | 5.4   | 8.2    |
| 68 5.2      | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 42.735 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 383641 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 8.8     | 5.2   | 7.8#   |
| 51  | 28.6    | 21.8  | 32.8   |
| 120 | 21.0    | 17.0  | 25.4   |

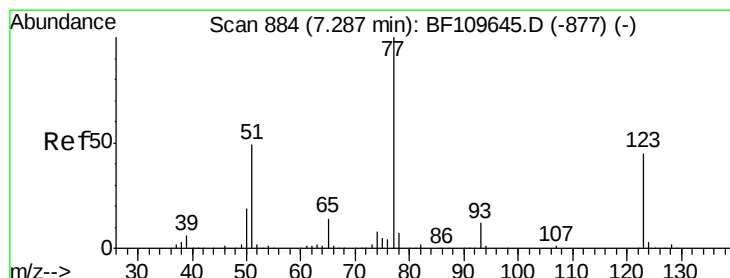
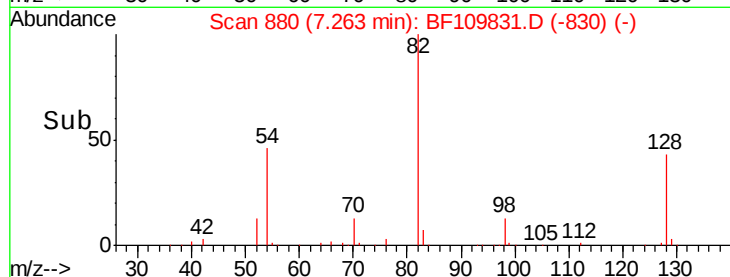
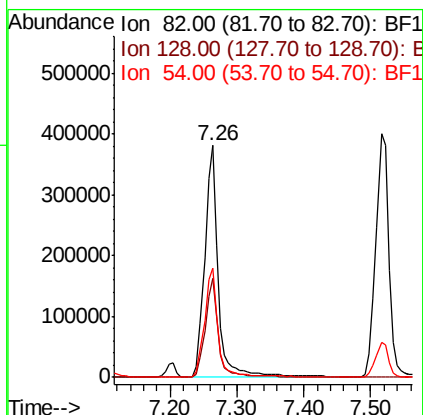
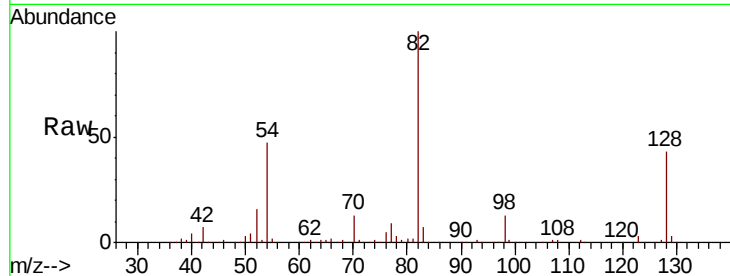




#23  
Nitrobenzene-d5  
Concen: 79.337 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

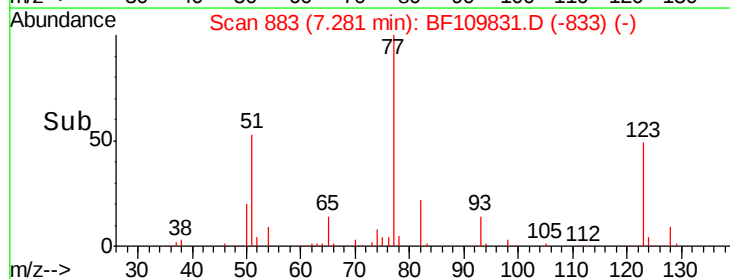
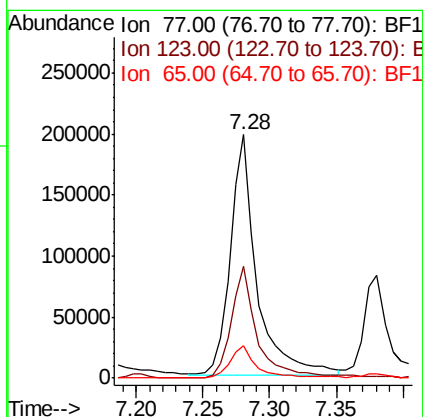
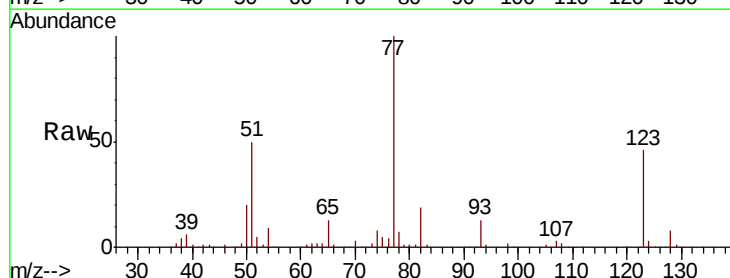
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion   | 82   | Resp  | 534307 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 42.5 | 34.2  | 51.2   |
| 54        | 47.3 | 38.6  | 58.0   |



#24  
Nitrobenzene  
Concen: 39.421 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

| Tgt Ion   | 77   | Resp  | 276254 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 45.8 | 35.7  | 53.5   |
| 65        | 13.3 | 10.7  | 16.1   |

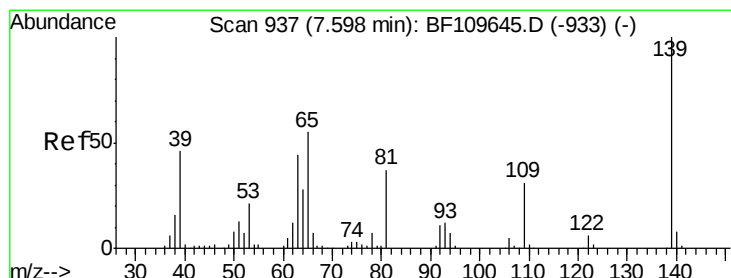
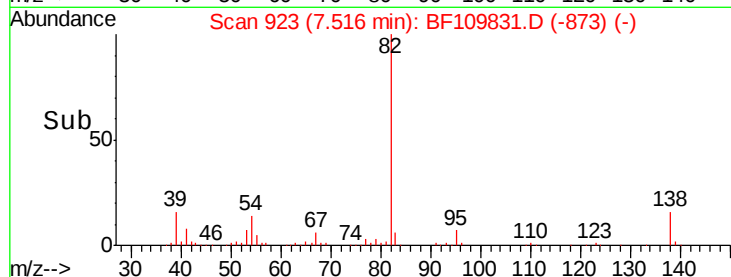
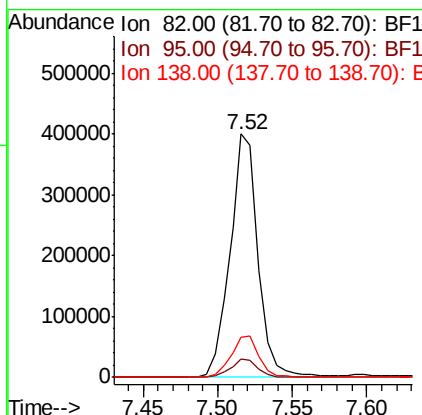
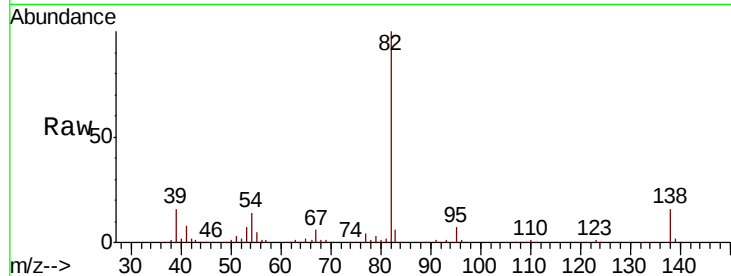




#25  
Isophorone  
Concen: 46.449 ng  
RT: 7.52 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

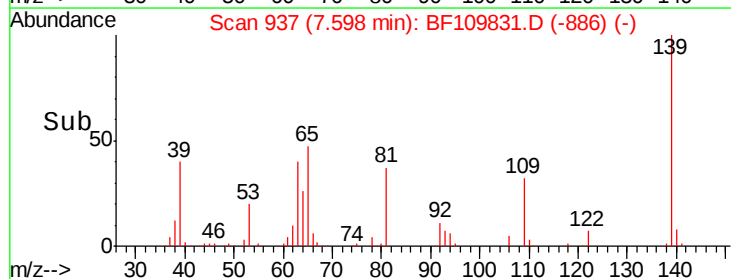
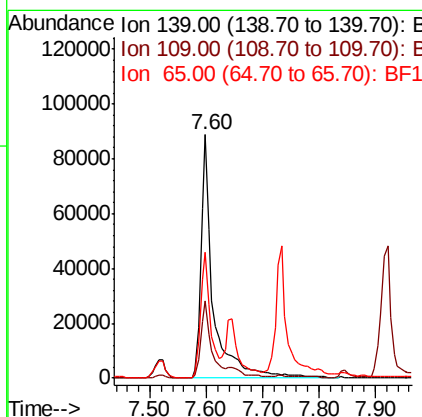
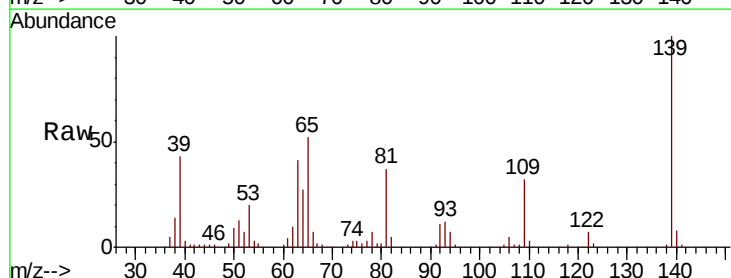
Instrument :  
BNA\_F  
ClientSampled :

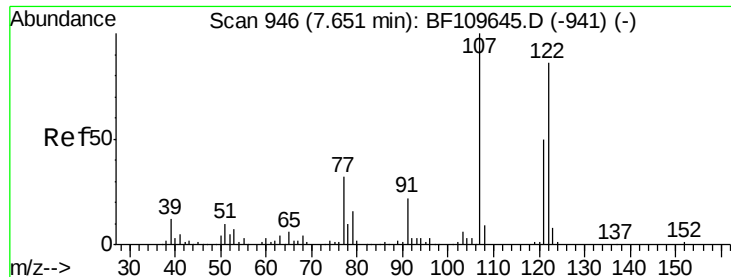
Tot Ion: 82 Resp: 519452  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.7 8.5  
138 16.3 13.2 19.8



#26  
2-Nitrophenol  
Concen: 41.160 ng  
RT: 7.60 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion: 139 Resp: 134918  
Ion Ratio Lower Upper  
139 100  
109 31.8 25.0 37.6  
65 51.9 44.0 66.0

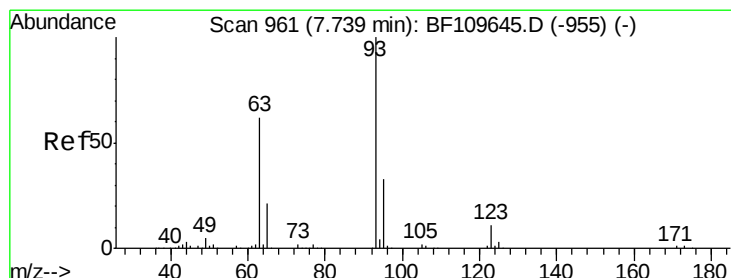
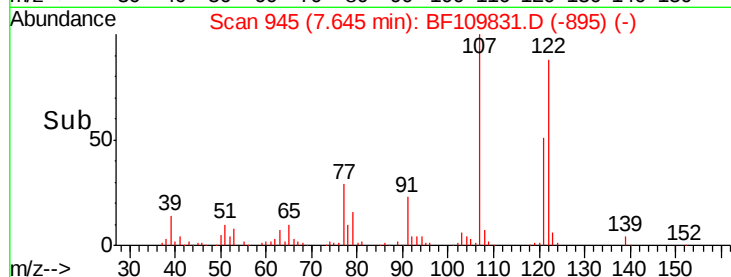
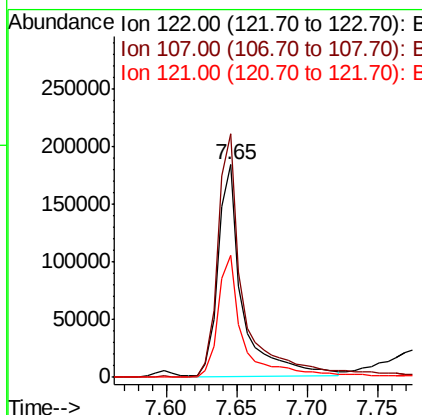
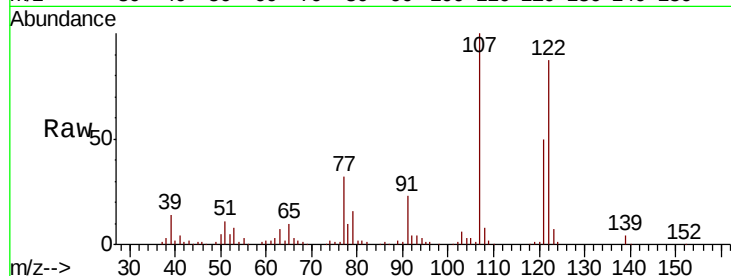




#27  
 2,4-Dimethylphenol  
 Concen: 47.083 ng  
 RT: 7.65 min Scan# 945  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

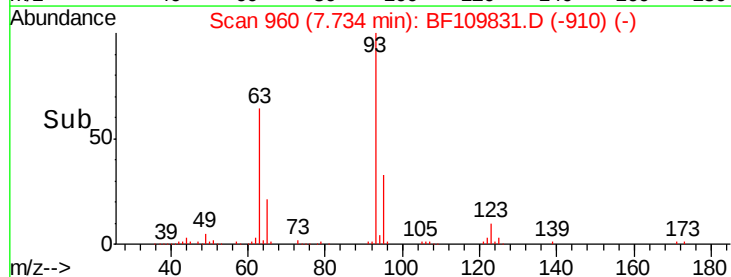
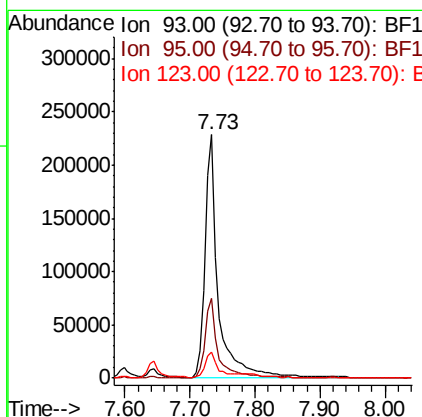
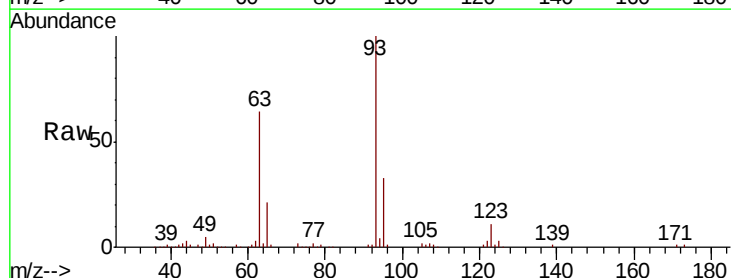
Instrument :  
 BNA\_F  
 ClientSampleId :

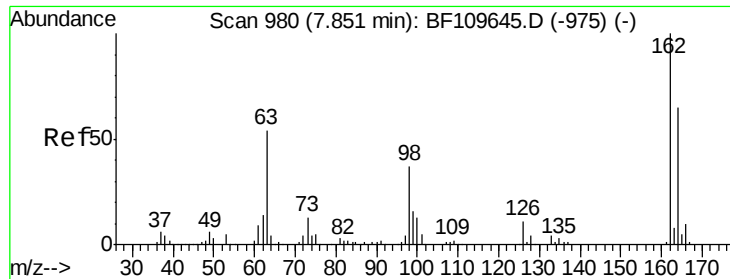
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.5 | 92.5  | 138.7 |
| 121     | 57.3  | 45.8  | 68.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.023 ng  
 RT: 7.73 min Scan# 960  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.4  | 39.6  |
| 123     | 10.9  | 9.0   | 13.6  |

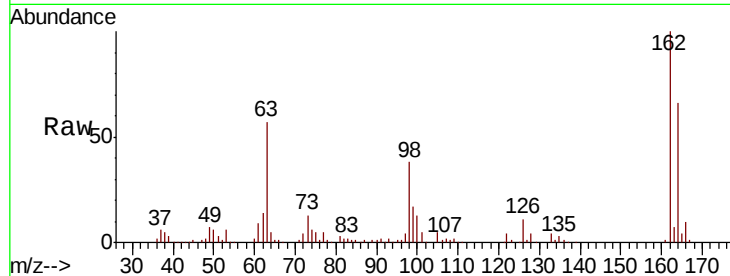




#29  
 2,4-Dichlorophenol  
 Concen: 42.156 ng  
 RT: 7.85 min Scan# 979  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.5  | 44.6  | 84.6  |
| 98      | 37.7  | 17.4  | 57.4  |

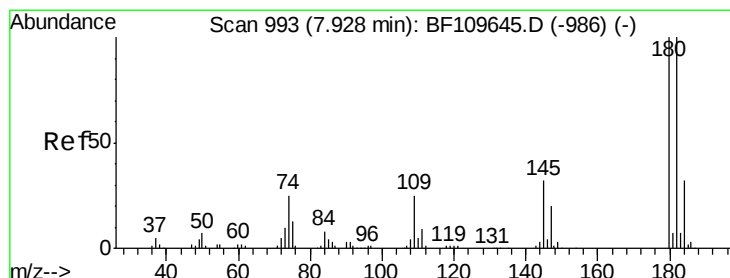
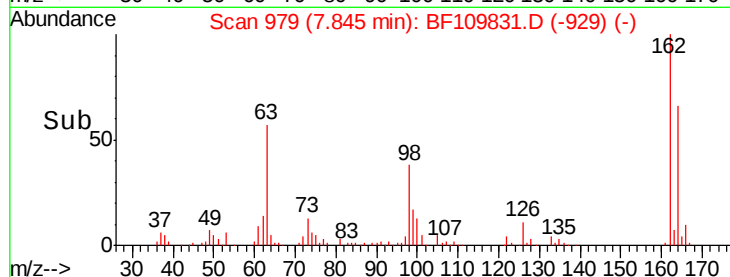
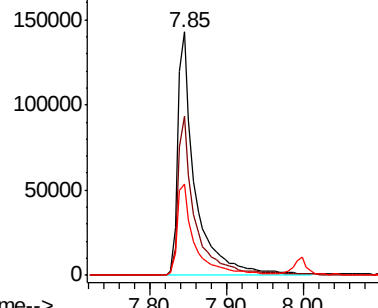


Abundance

Ion 162.00 (161.70 to 162.70): E

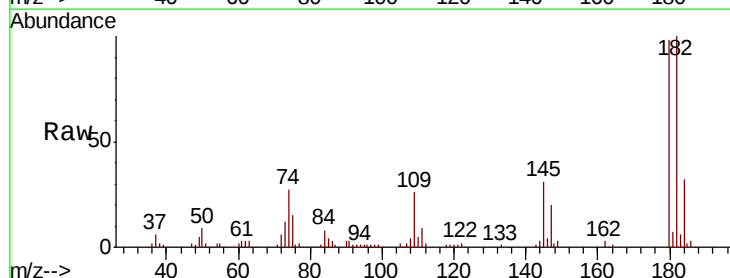
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.241 ng  
 RT: 7.92 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 101.7 | 80.3  | 120.5 |
| 145     | 31.8  | 25.4  | 38.0  |

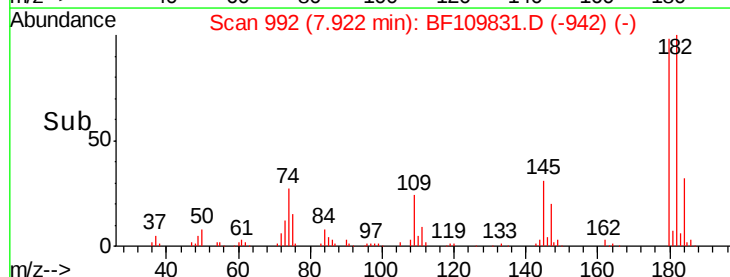
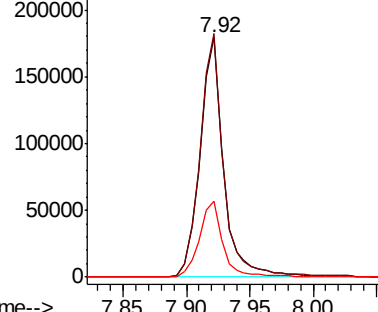


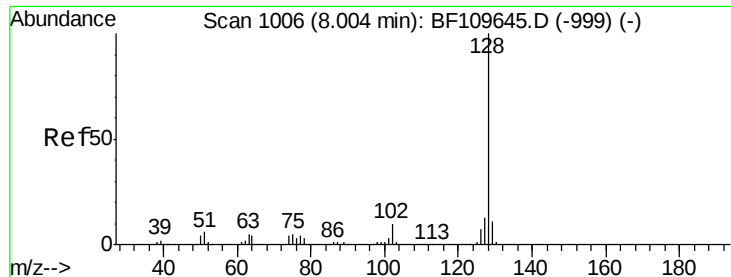
Abundance

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

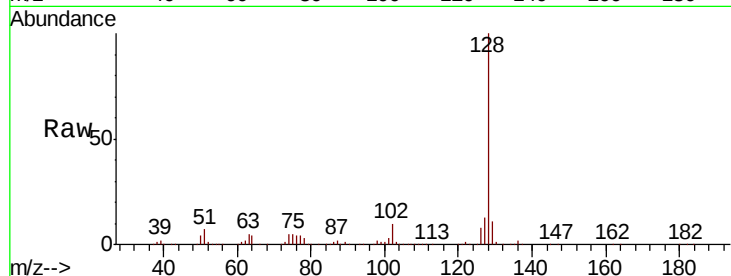




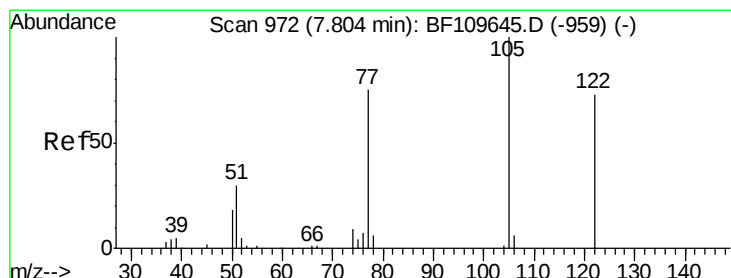
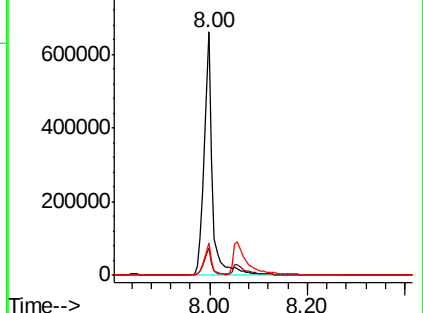
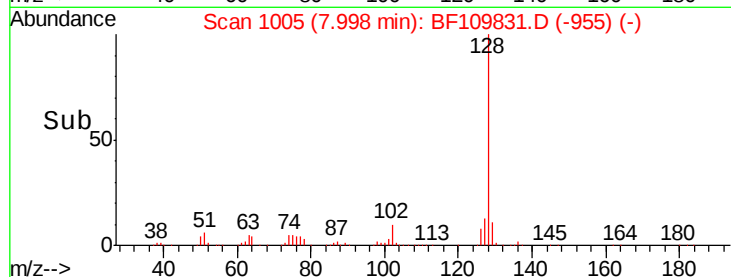
#31  
Naphthalene  
Concen: 46.113 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 791706  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.3 10.8 16.2

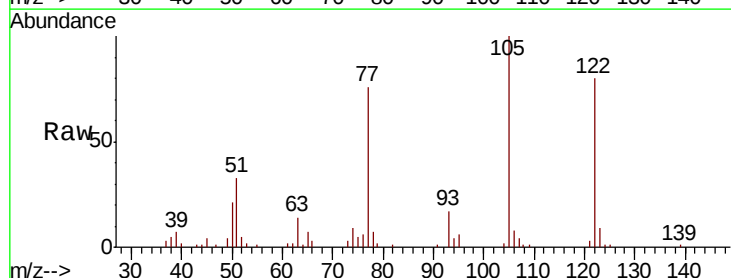


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

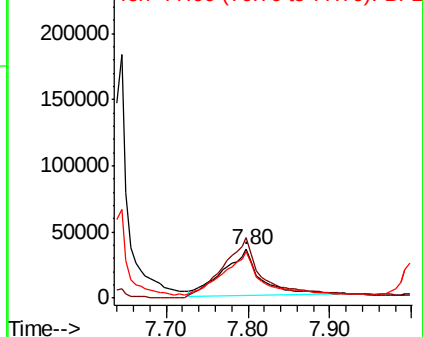
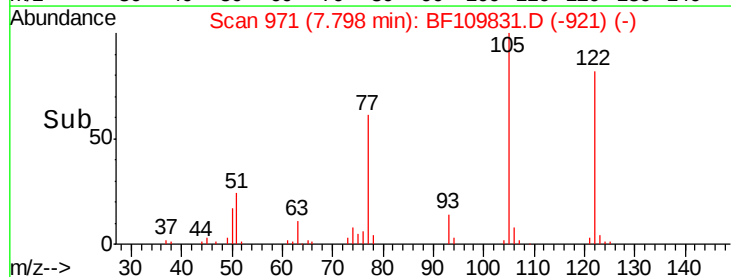


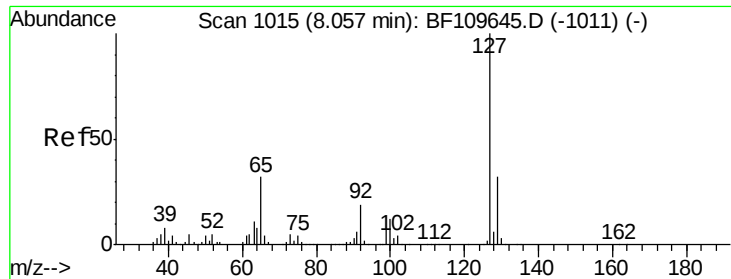
#32  
Benzoic acid  
Concen: 32.327 ng  
RT: 7.80 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:122 Resp: 109402  
Ion Ratio Lower Upper  
122 100  
105 124.4 109.0 149.0  
77 94.1 79.0 119.0



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

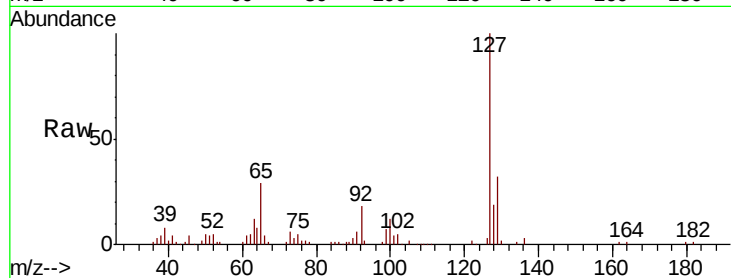




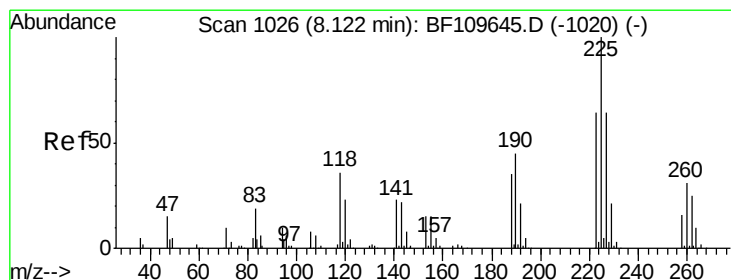
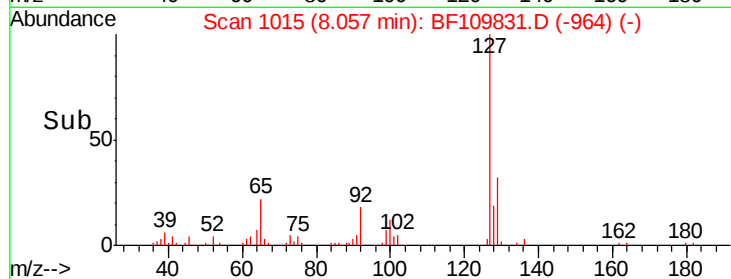
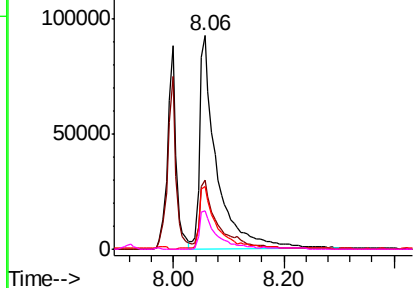
#33  
4-Chloroaniline  
Concen: 26.013 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 196677    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.2  | 26.0 39.0 |
| 65          | 29.1  | 25.1 37.7 |
| 92          | 18.2  | 15.0 22.6 |

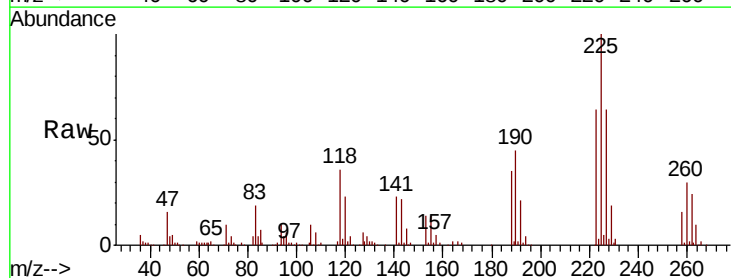


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

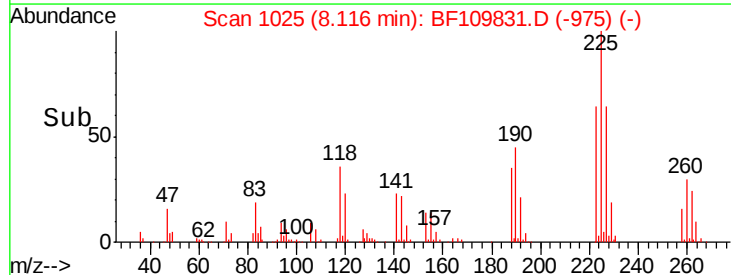
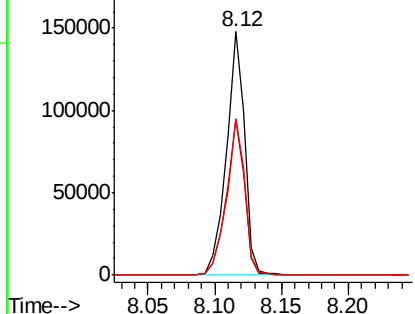


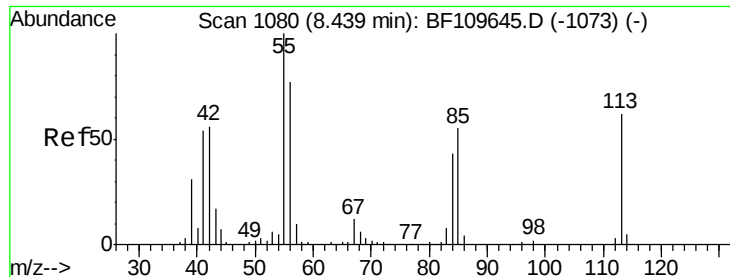
#34  
Hexachlorobutadiene  
Concen: 39.218 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 143318    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.7  | 51.4 77.2 |
| 227         | 64.1  | 51.0 76.6 |



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

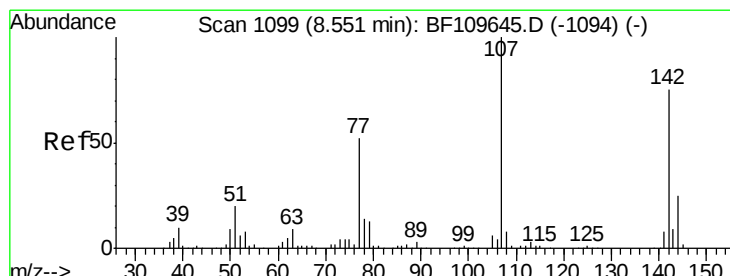
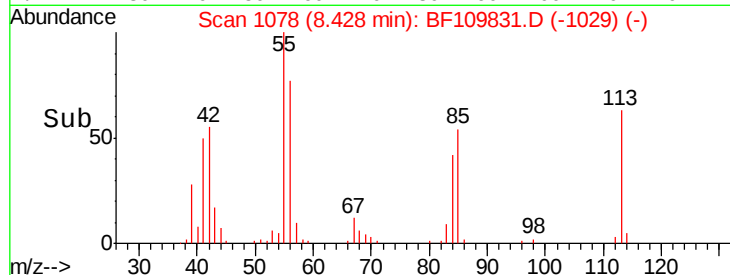
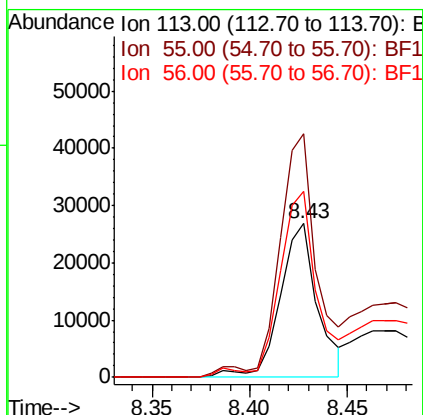
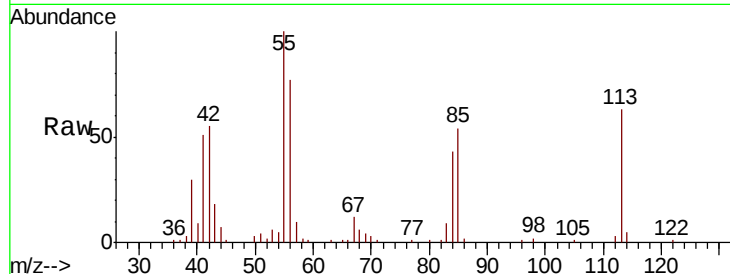




#35  
 Caprolactam  
 Concen: 22.349 ng  
 RT: 8.43 min Scan# 1078  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

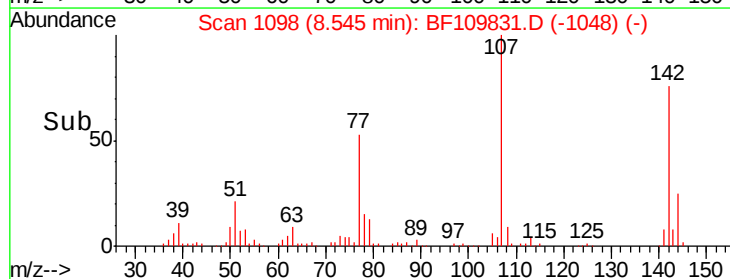
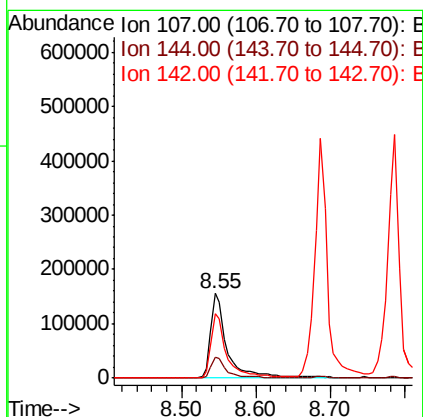
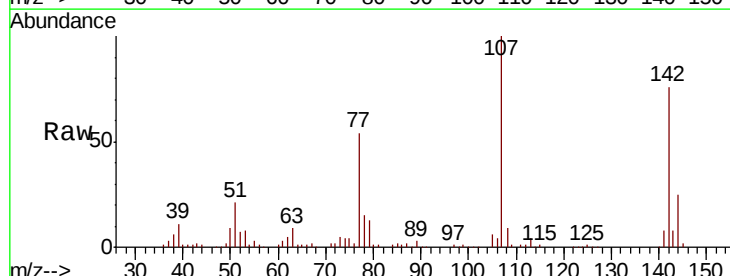
Instrument :  
 BNA\_F  
 ClientSampled :

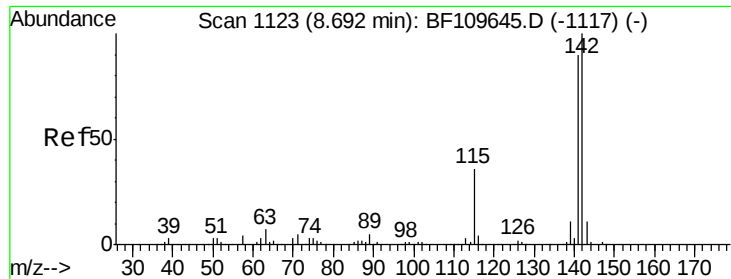
Tot Ion:113 Resp: 35437  
 Ion Ratio Lower Upper  
 113 100  
 55 158.5 142.8 182.8  
 56 121.4 105.0 145.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.693 ng  
 RT: 8.55 min Scan# 1098  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Tgt Ion:107 Resp: 239270  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 20.0 30.0  
 142 75.8 59.7 89.5

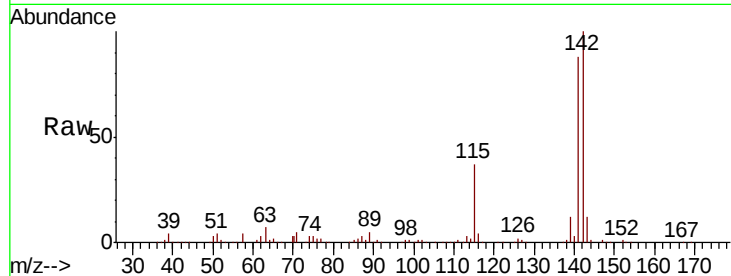




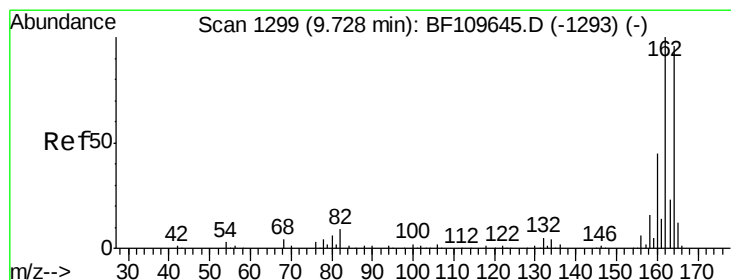
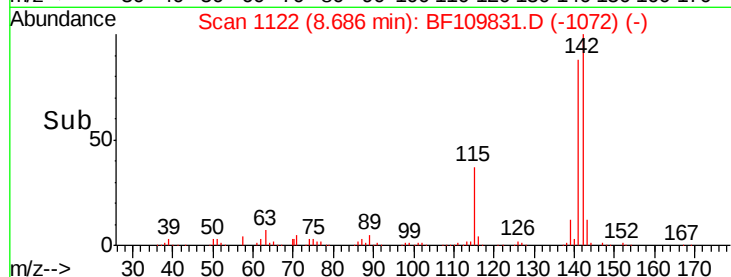
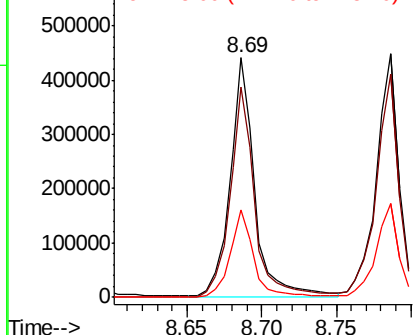
#37  
2-Methylnaphthalene  
Concen: 45.518 ng  
RT: 8.69 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:142 Resp: 511901  
Ion Ratio Lower Upper  
142 100  
141 87.9 71.4 107.2  
115 36.7 28.7 43.1

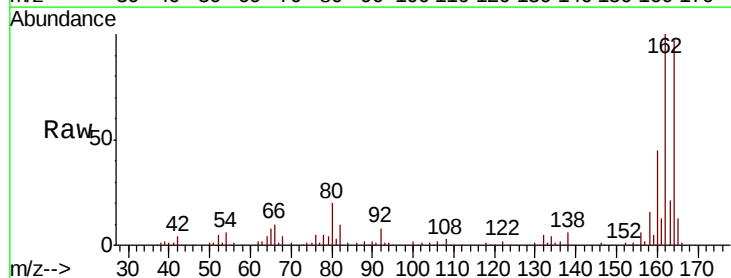


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

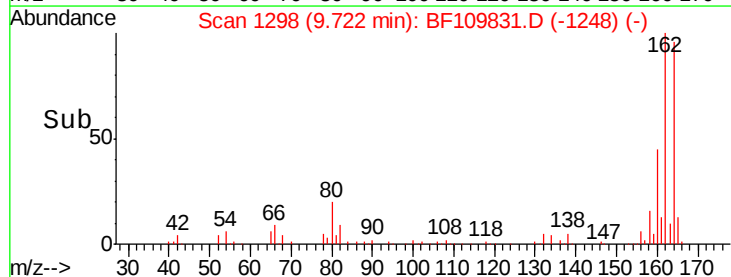
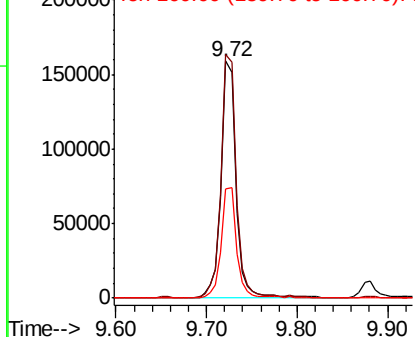


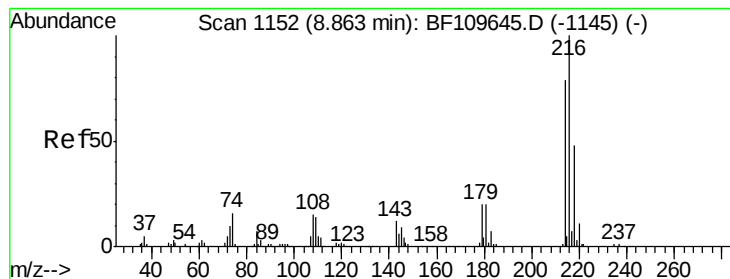
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:164 Resp: 181793  
Ion Ratio Lower Upper  
164 100  
162 102.7 83.0 124.6  
160 46.2 37.0 55.6



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: 38.322 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 237146

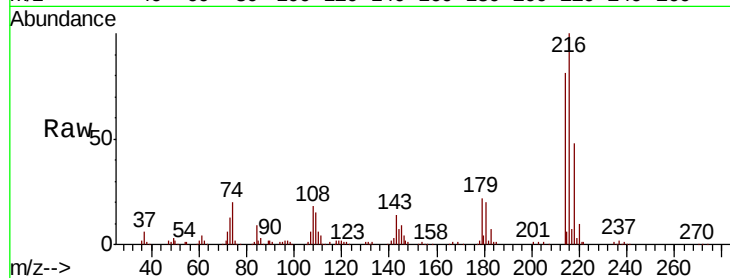
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 21.2 16.6 25.0

108 20.4 15.1 22.7

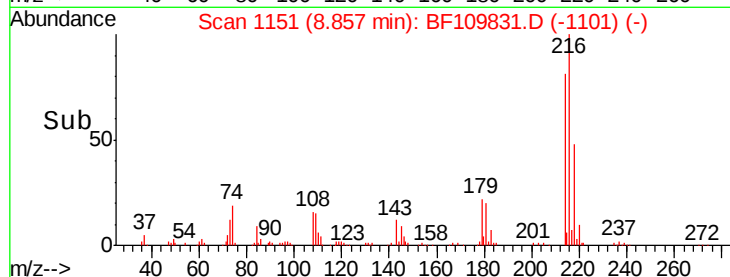


Abundance Ion 216.00 (215.70 to 216.70): E

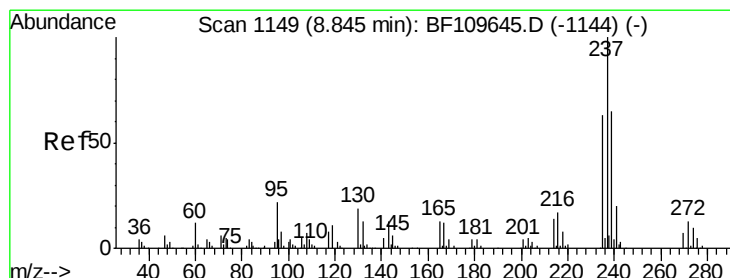
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 81.872 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

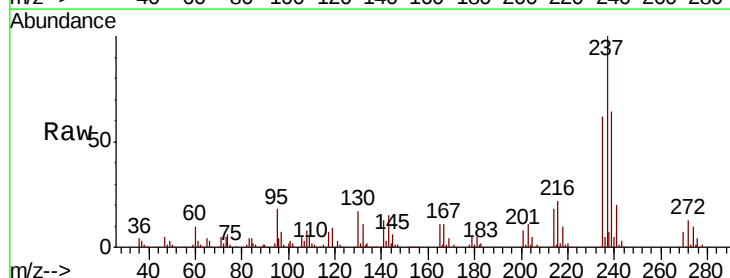
Tgt Ion:237 Resp: 222347

Ion Ratio Lower Upper

237 100

235 62.1 43.1 83.1

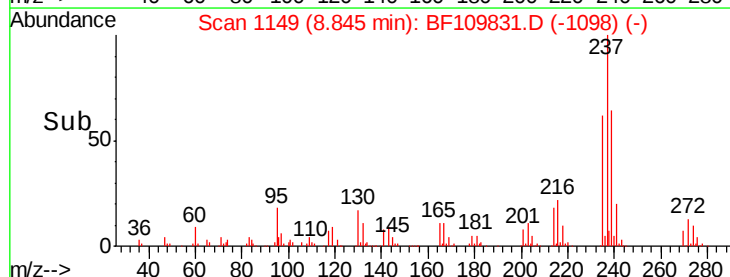
272 12.7 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



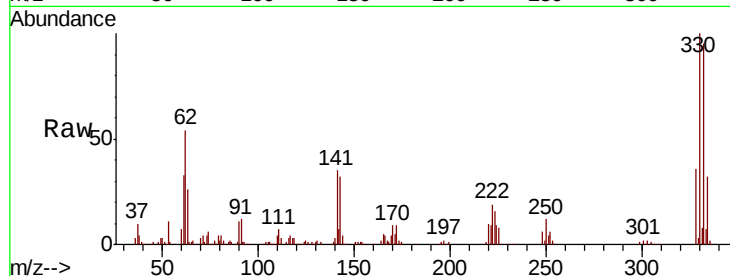
Time-->



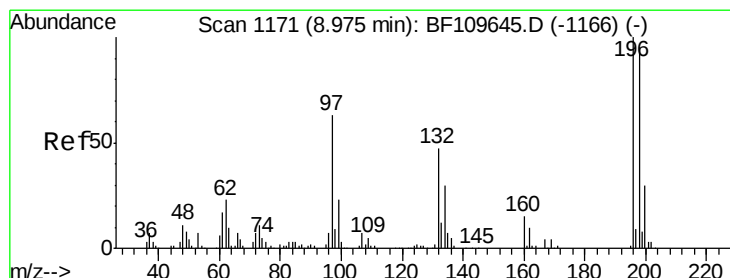
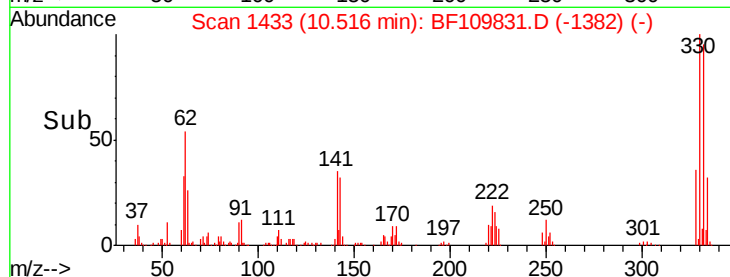
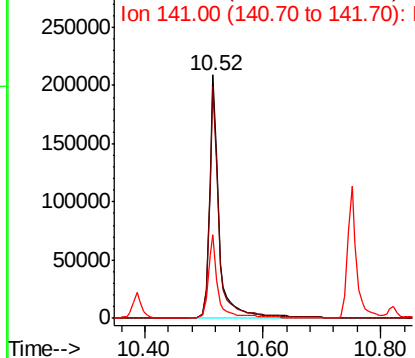
#41  
 2,4,6-Tribromophenol  
 Concen: 122.349 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 242353  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 77.1 115.7  
 141 33.0 27.0 40.4

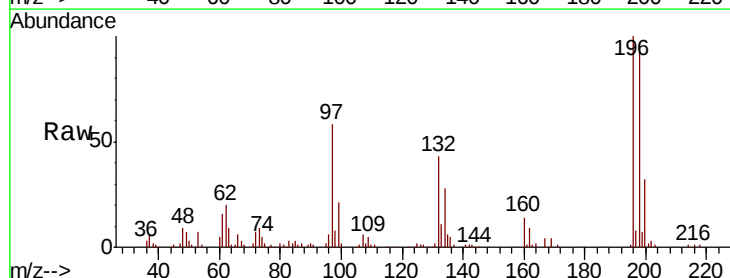


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

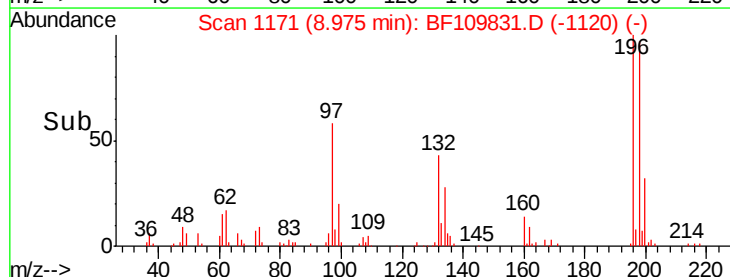
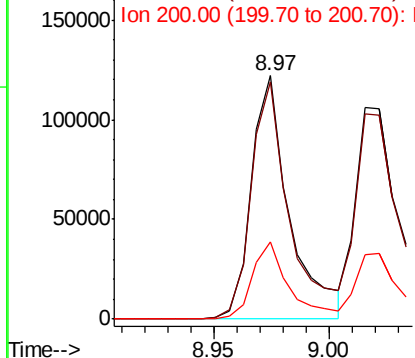


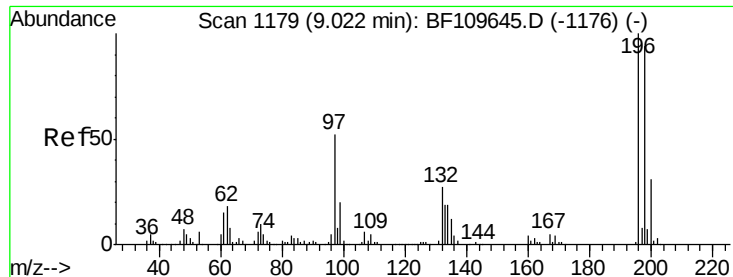
#42  
 2,4,6-Trichlorophenol  
 Concen: 38.232 ng  
 RT: 8.97 min Scan# 1171  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Tgt Ion:196 Resp: 141434  
 Ion Ratio Lower Upper  
 196 100  
 198 97.2 76.2 114.4  
 200 31.9 24.4 36.6



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

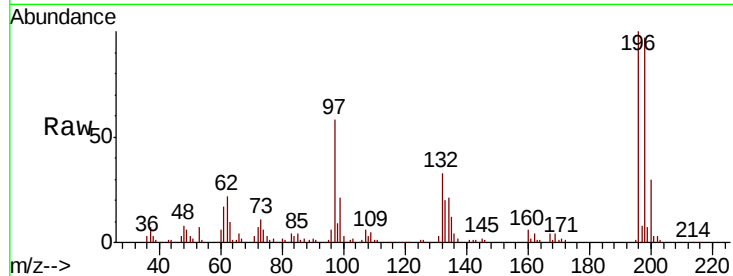




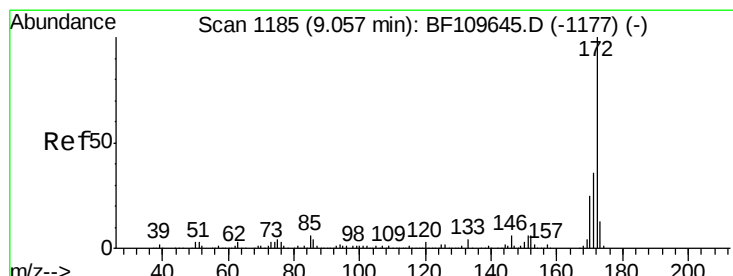
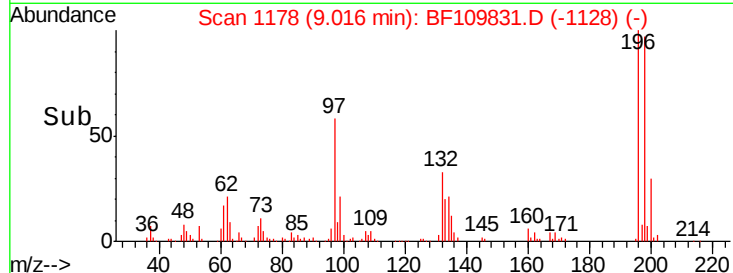
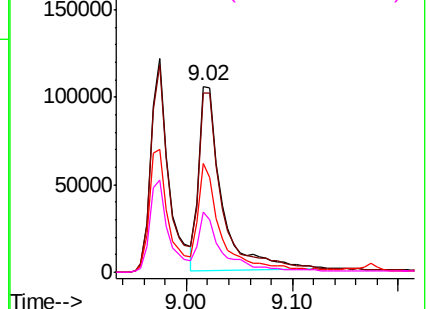
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.712 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Instrument :  
 BNA\_F  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 160406 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 96.6  | 75.8  | 113.6  |
| 97       | 58.5  | 42.4  | 63.6   |
| 132      | 32.5  | 22.8  | 34.2   |

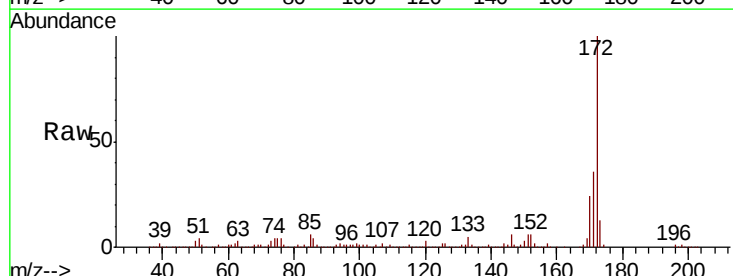


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

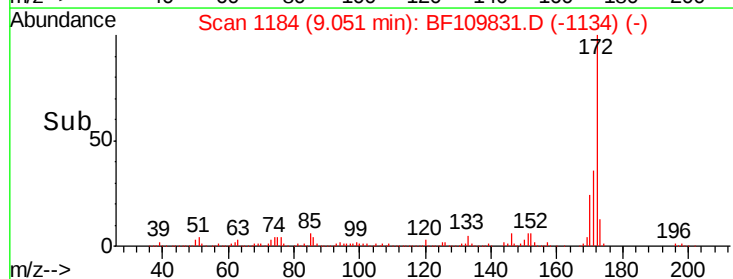
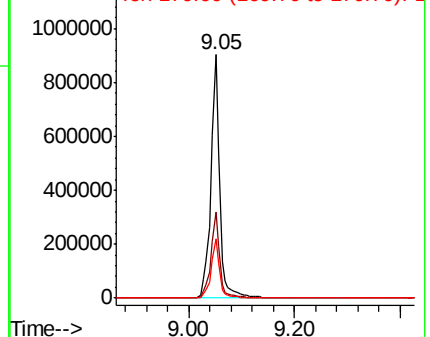


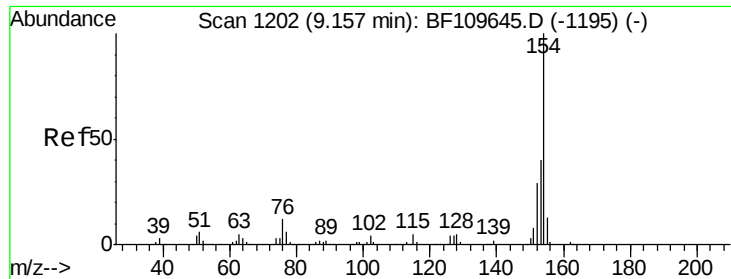
#44  
 2-Fluorobiphenyl  
 Concen: 78.196 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1032168 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 35.6  | 28.6  | 43.0    |
| 170      | 24.1  | 19.7  | 29.5    |



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

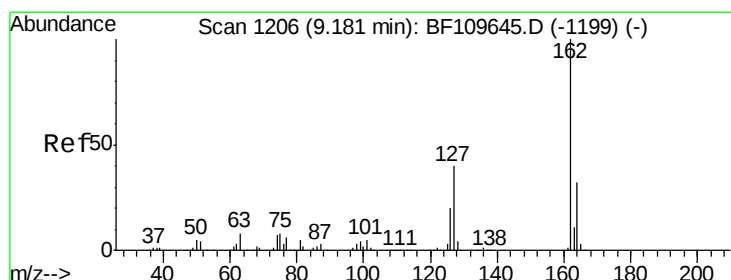
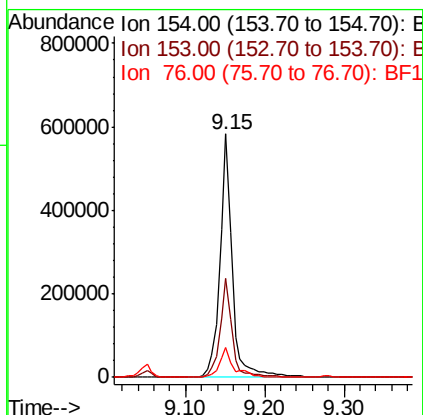
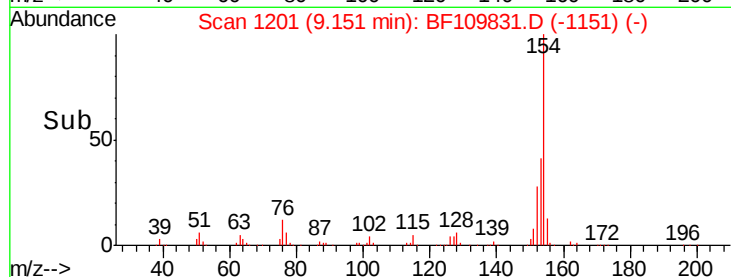
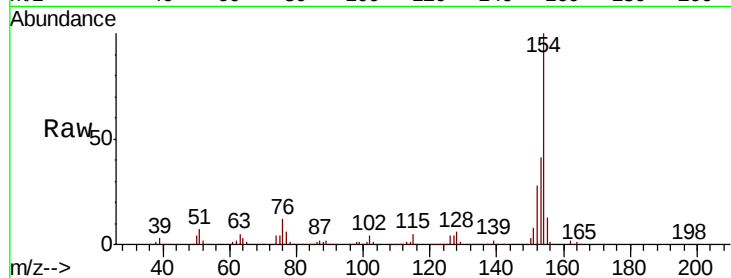




#45  
 1,1'-Biphenyl  
 Concen: 38.834 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

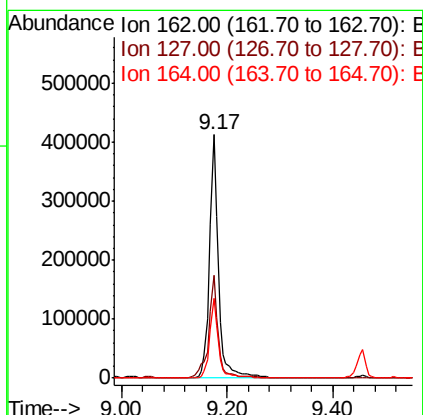
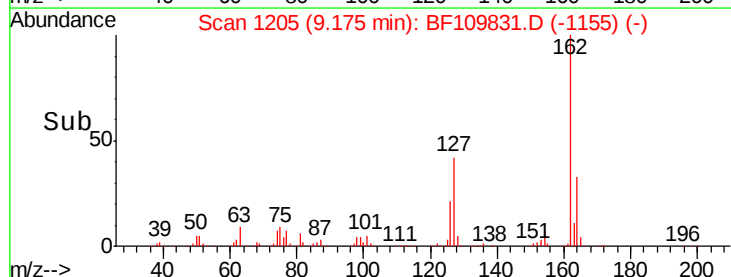
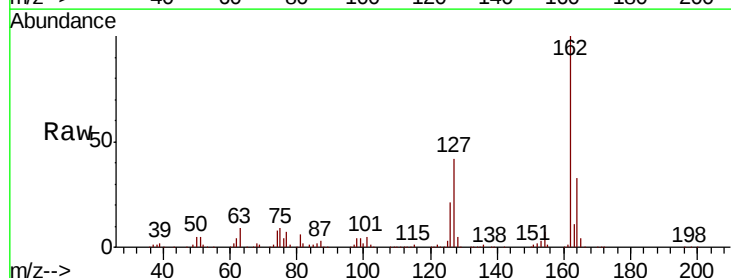
Instrument :  
 BNA\_F  
 ClientSampleId :

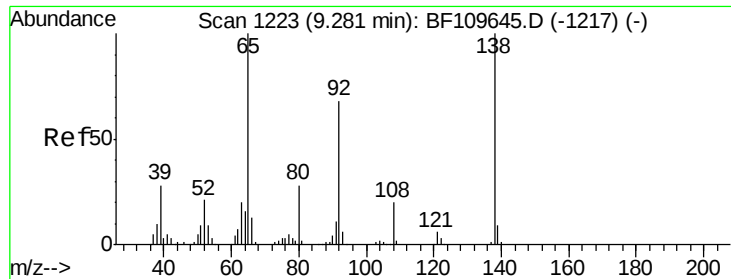
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.5  | 20.4  | 60.4  |
| 76      | 12.1  | 0.0   | 31.9  |



#46  
 2-Chloronaphthalene  
 Concen: 40.061 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.2  | 32.6  | 48.8  |
| 164     | 32.9  | 25.9  | 38.9  |

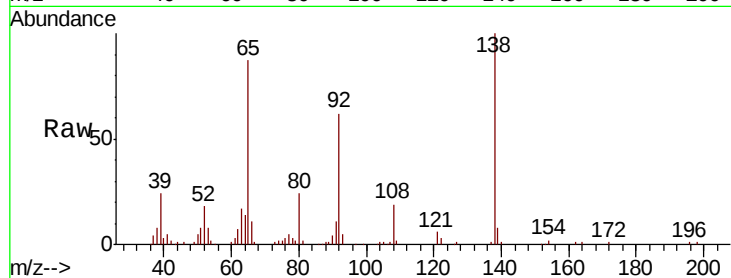




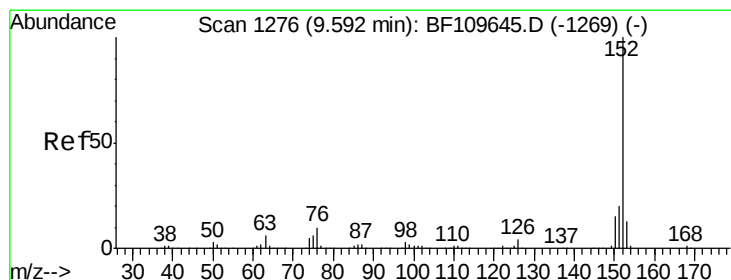
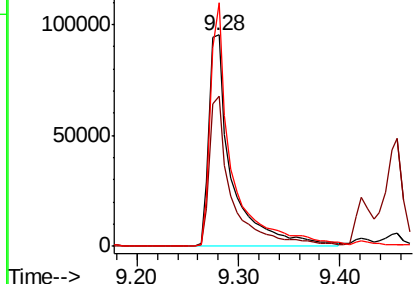
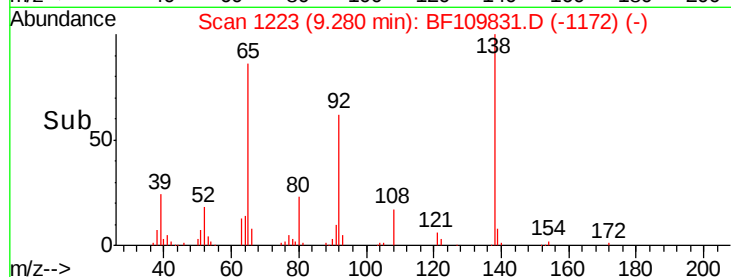
#47  
2-Nitroaniline  
Concen: 40.501 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 65 Resp: 149210  
Ion Ratio Lower Upper  
65 100  
92 71.2 54.6 81.8  
138 115.1 80.3 120.5

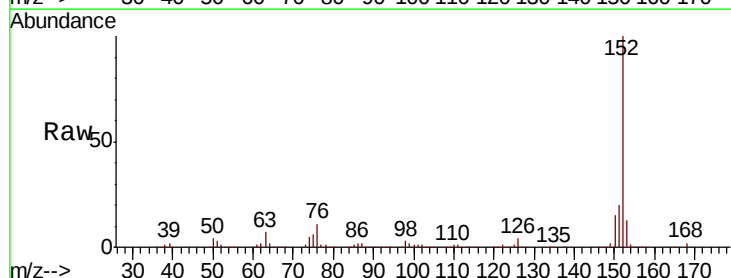


Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

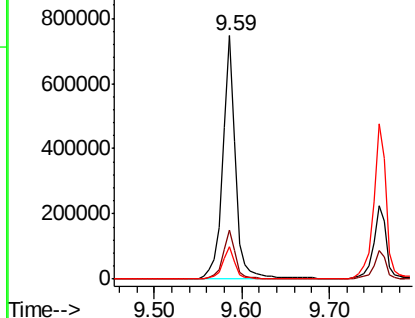
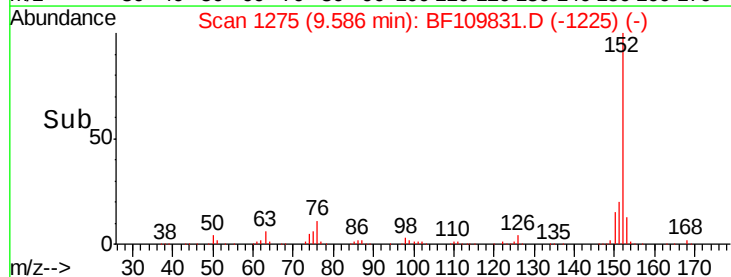


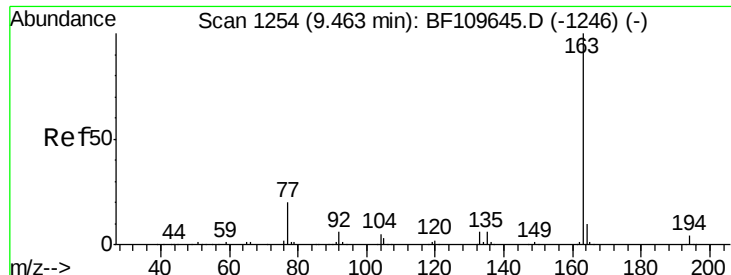
#48  
Acenaphthylene  
Concen: 42.853 ng  
RT: 9.59 min Scan# 1275  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion: 152 Resp: 760139  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.8 23.8  
153 13.2 10.4 15.6



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

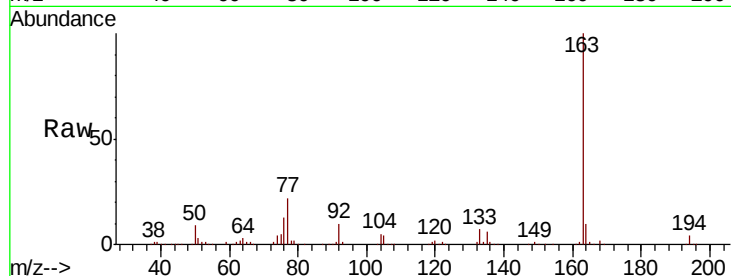




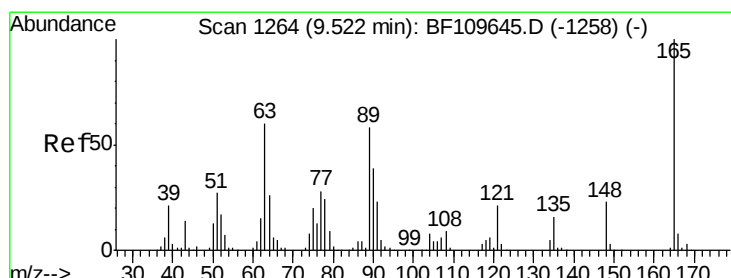
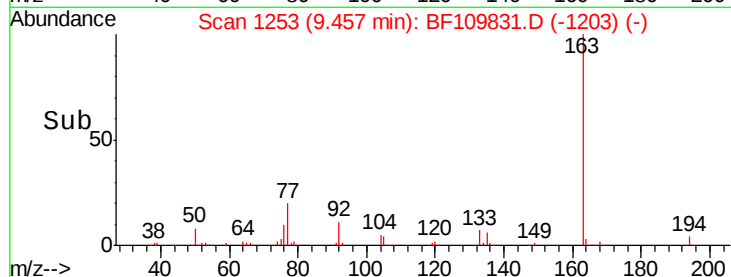
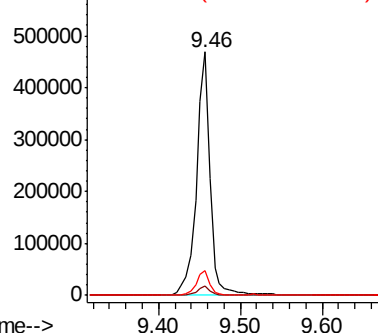
#49  
Dimethylphthalate  
Concen: 40.619 ng  
RT: 9.46 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.8   | 3.2   | 4.8   |
| 164     | 10.1  | 8.1   | 12.1  |

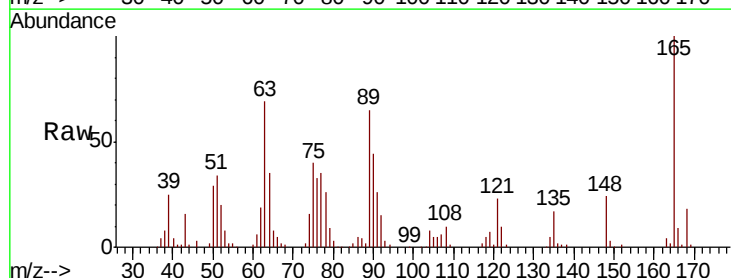


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

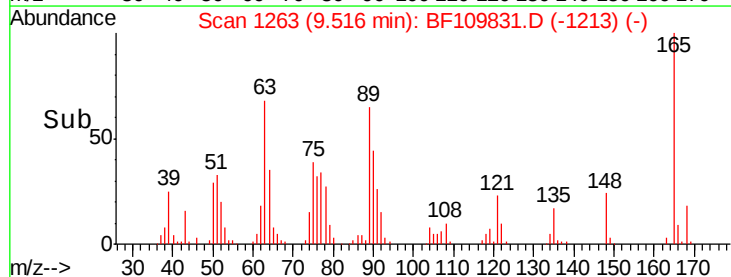
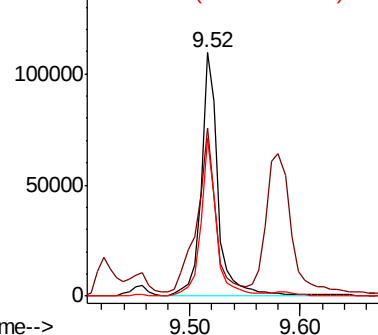


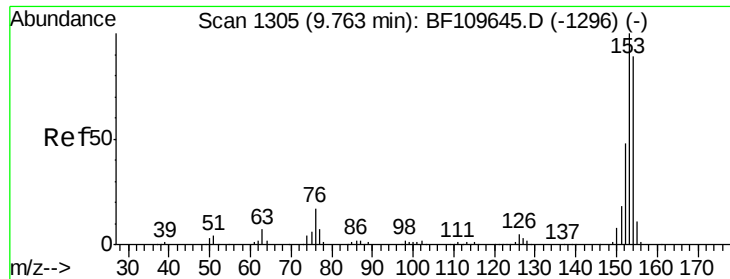
#50  
2,6-Dinitrotoluene  
Concen: 40.784 ng  
RT: 9.52 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 69.2  | 48.9  | 73.3  |
| 89      | 64.9  | 46.6  | 69.8  |



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





#51

Acenaphthene

Concen: 40.500 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

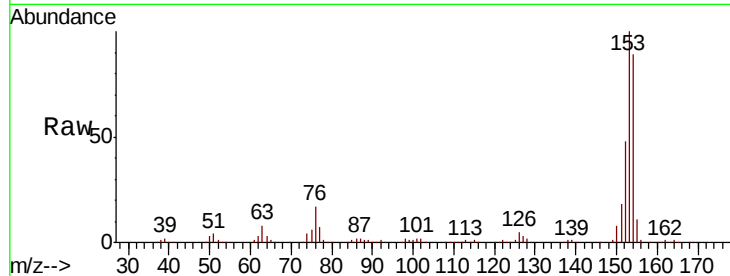
Tot Ion:154 Resp: 425867

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

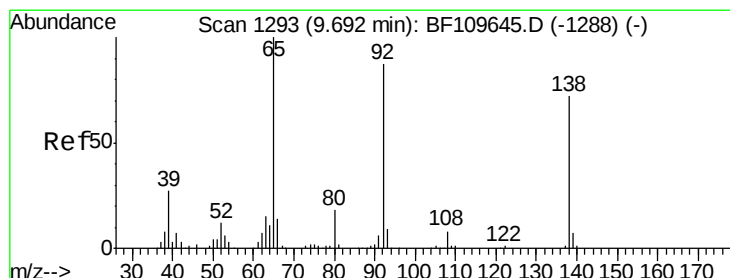
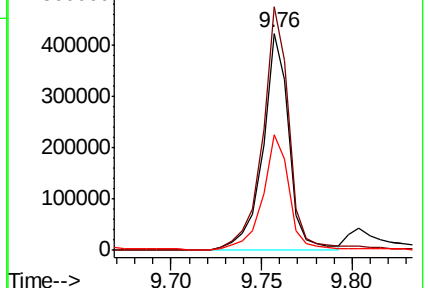
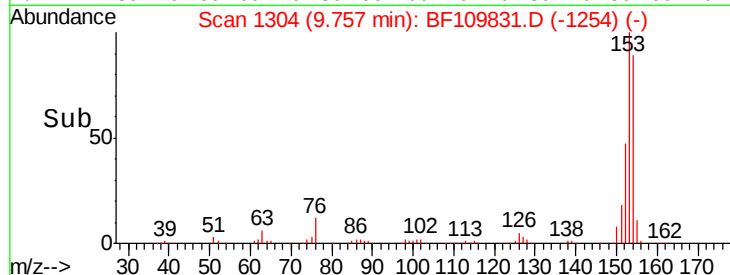
152 53.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.536 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

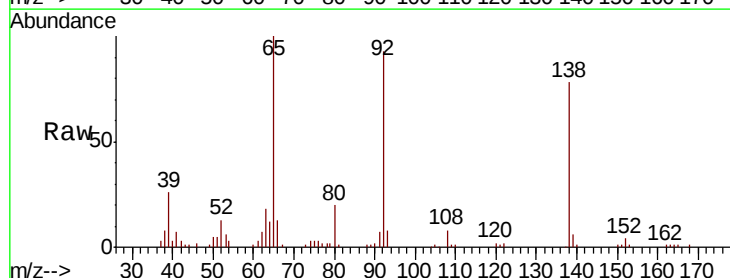
Tgt Ion:138 Resp: 82728

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

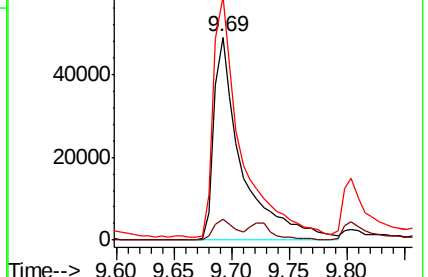
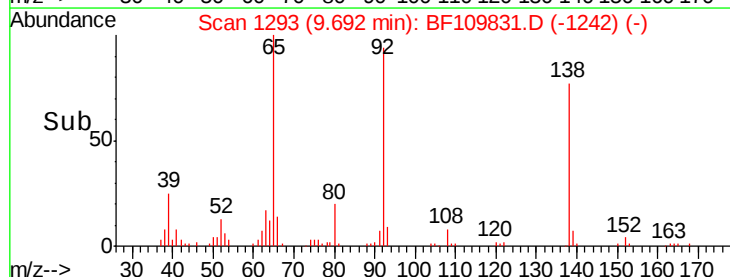
92 120.0 97.0 145.4

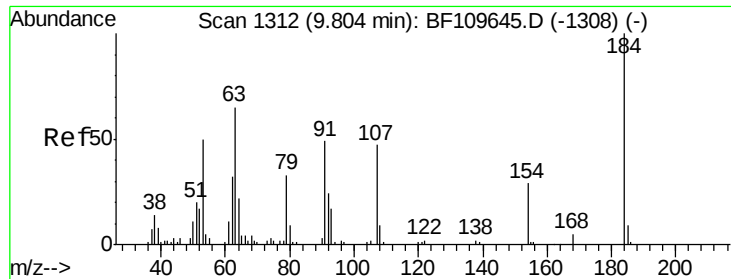


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

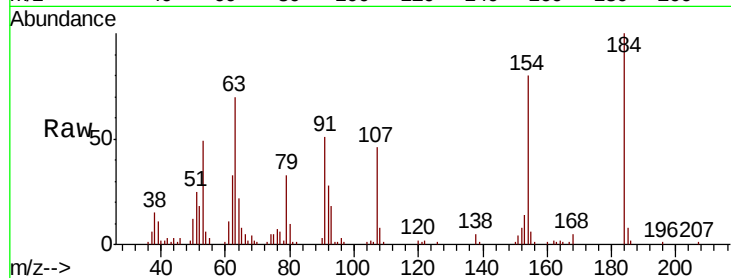




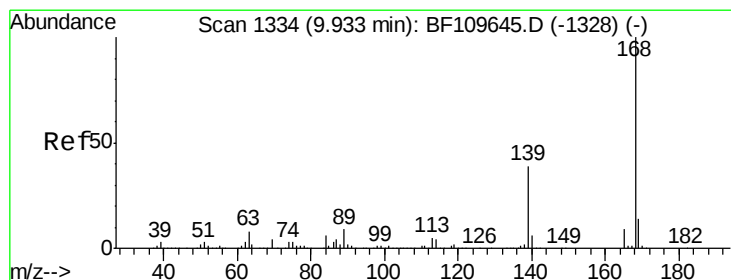
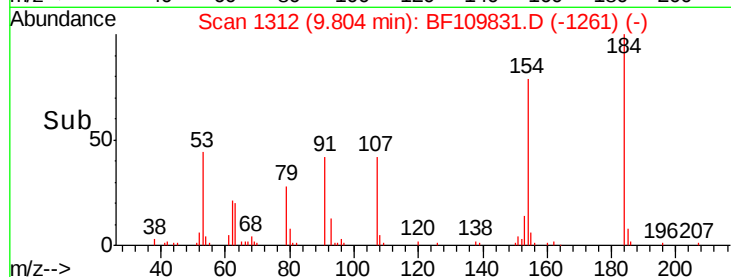
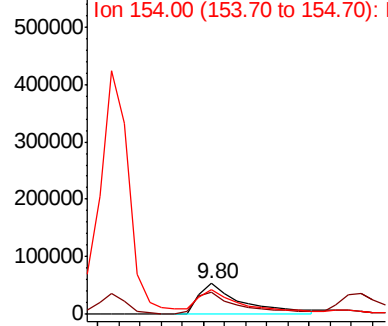
#53  
2,4-Dinitrophenol  
Concen: 82.547 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 76971  
Ion Ratio Lower Upper  
184 100  
63 70.0 55.8 83.6  
154 80.0 63.2 94.8

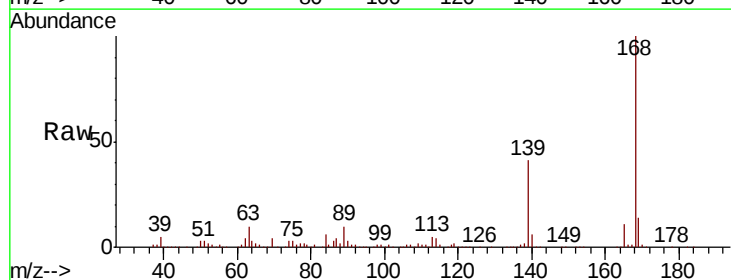


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

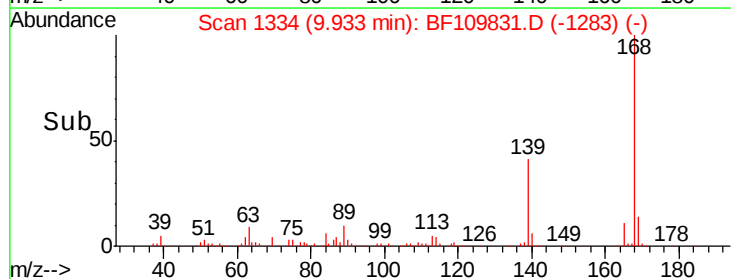
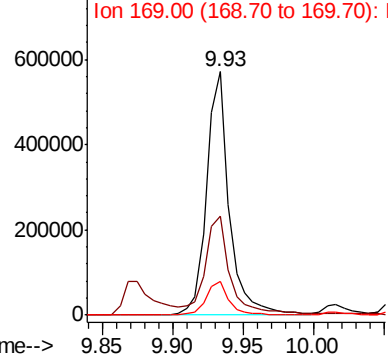


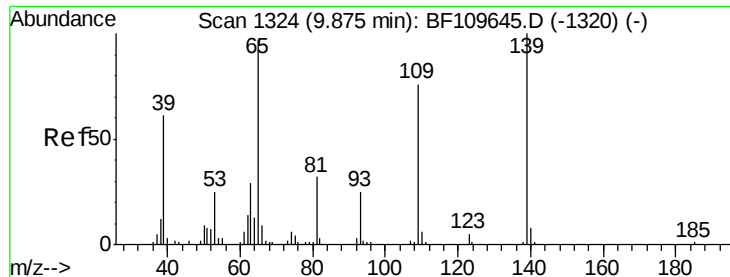
#54  
Dibenzofuran  
Concen: 40.520 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:168 Resp: 638672  
Ion Ratio Lower Upper  
168 100  
139 40.7 33.0 49.6  
169 13.9 11.3 16.9



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

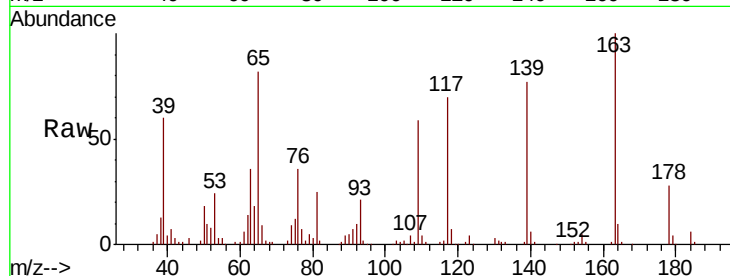




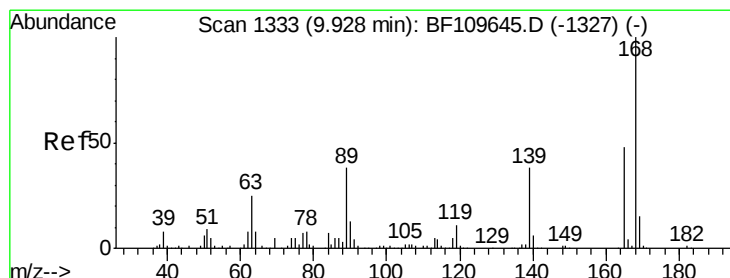
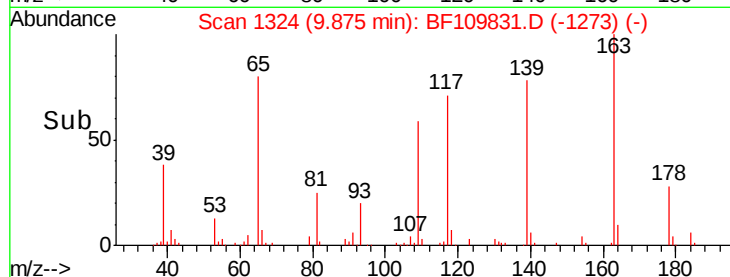
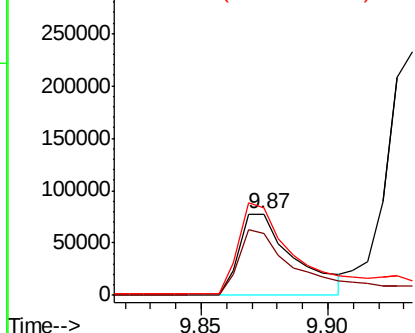
#55  
4-Nitrophenol  
Concen: 66.495 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 117915  
Ion Ratio Lower Upper  
139 100  
109 76.4 55.8 95.8  
65 106.9 77.9 117.9



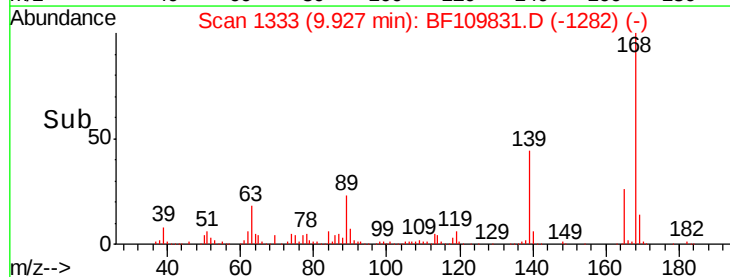
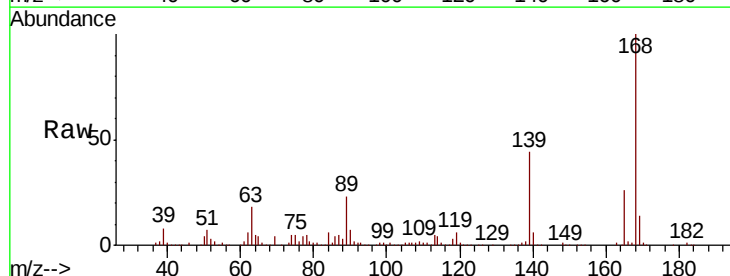
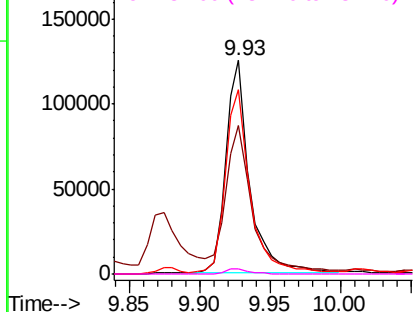
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

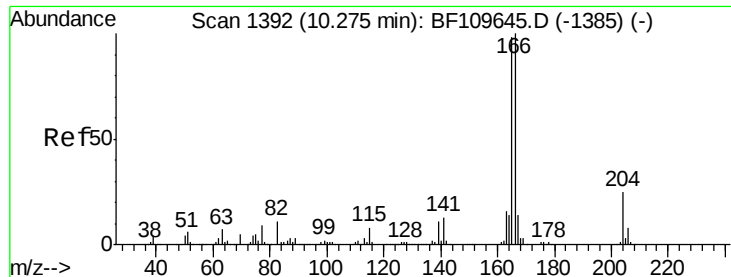


#56  
2,4-Dinitrotoluene  
Concen: 40.730 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:165 Resp: 146902  
Ion Ratio Lower Upper  
165 100  
63 69.6 44.8 67.2#  
89 86.2 62.2 93.4  
182 2.4 2.1 3.1

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





#57

Fluorene

Concen: 42.949 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

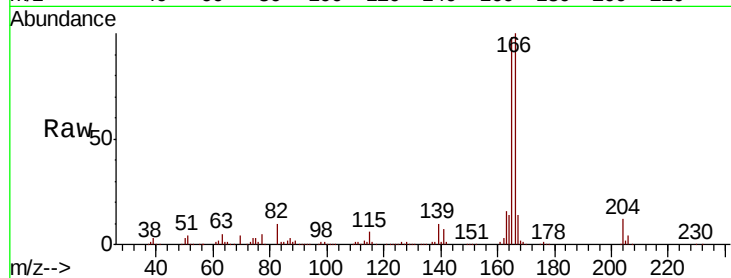
Tot Ion:166 Resp: 505542

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

167 13.6 10.8 16.2

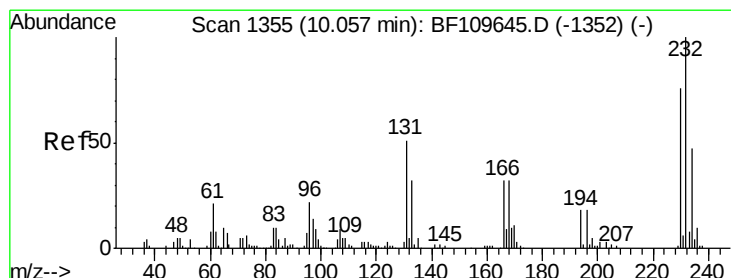
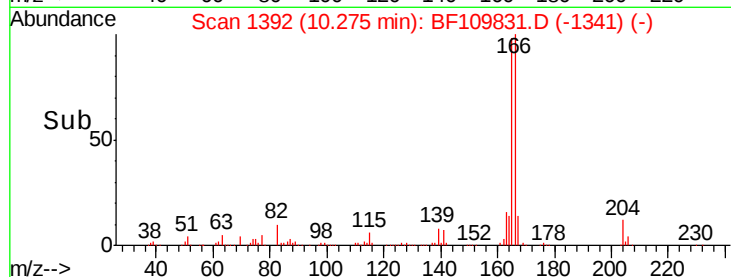
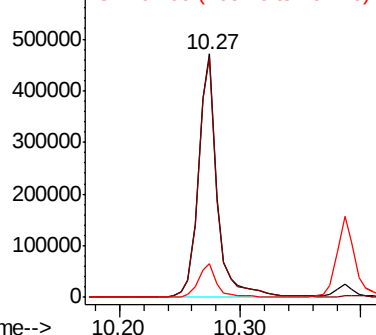


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.189 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Tgt Ion:232 Resp: 138956

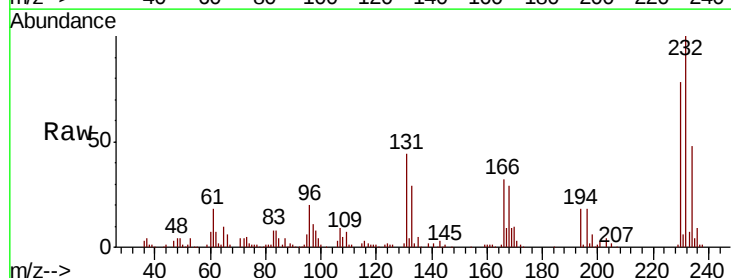
Ion Ratio Lower Upper

232 100

131 46.8 37.0 55.4

130 2.3 1.8 2.6

166 29.1 22.0 33.0



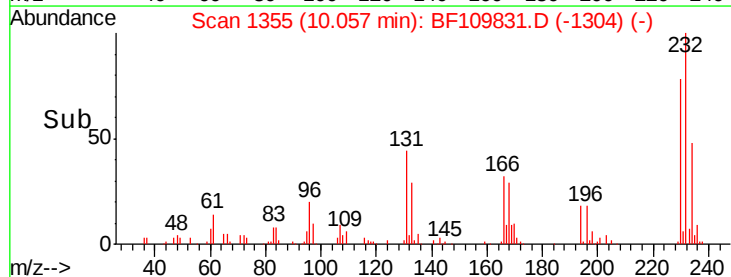
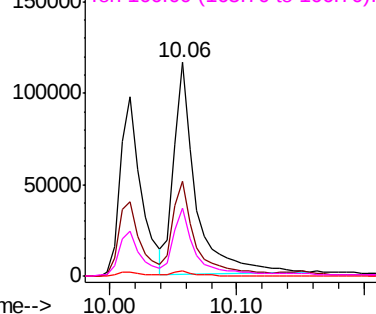
Abundance

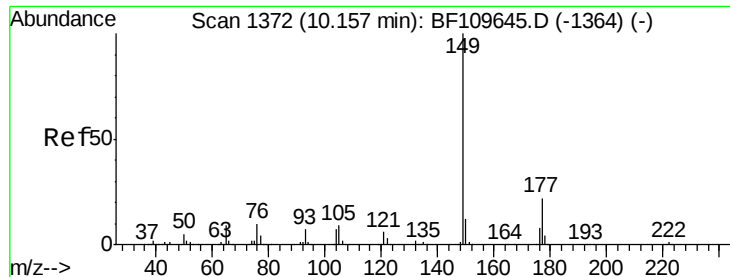
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

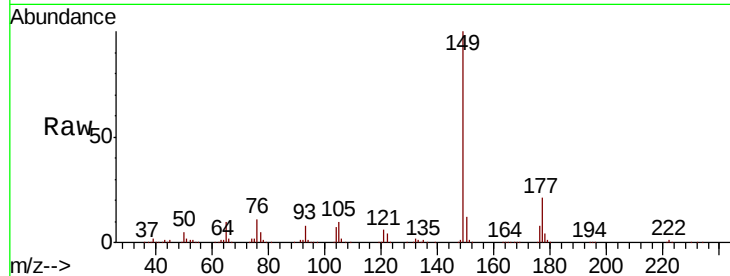




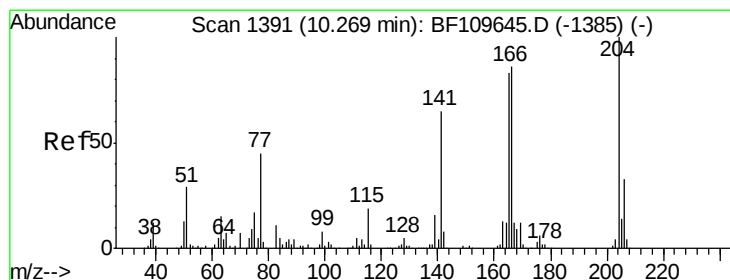
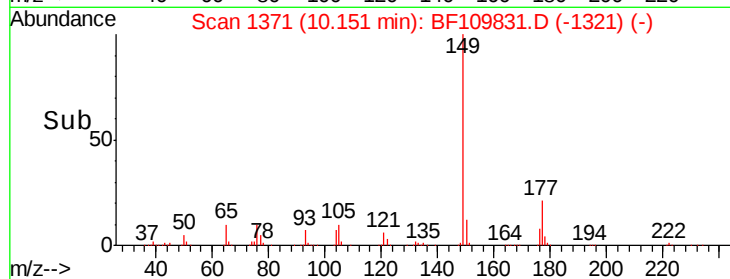
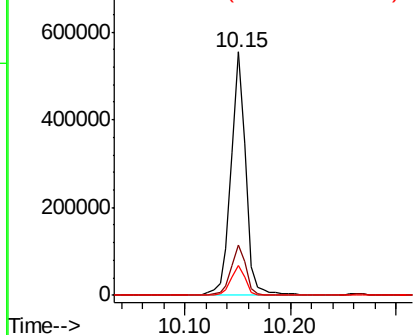
#59  
Diethylphthalate  
Concen: 40.371 ng  
RT: 10.15 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 533315  
Ion Ratio Lower Upper  
149 100  
177 20.7 17.4 26.2  
150 12.3 9.8 14.8

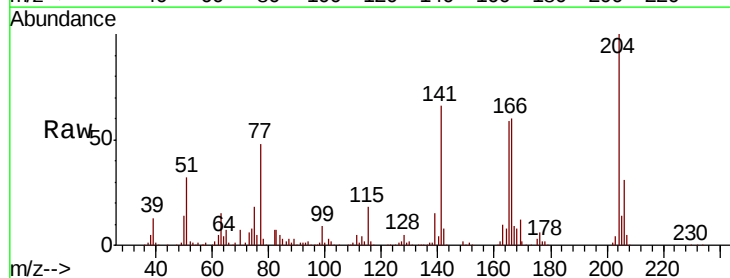


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

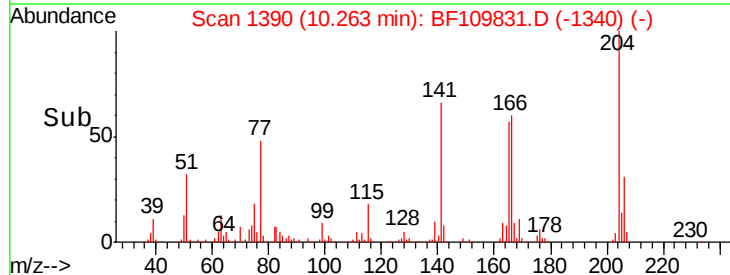
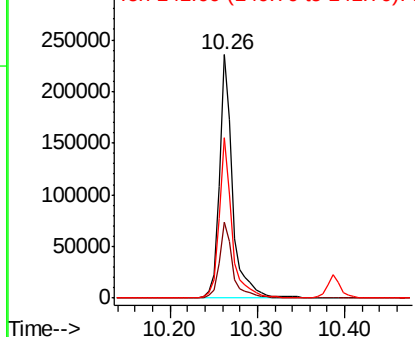


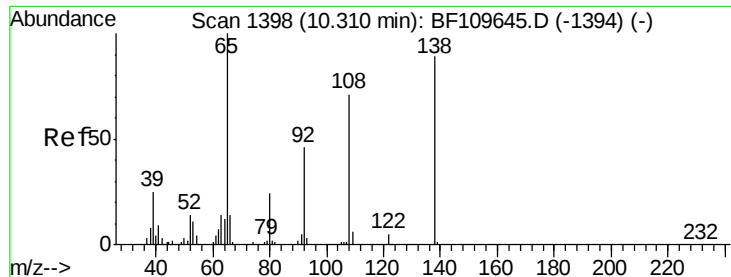
#60  
4-Chlorophenyl-phenylether  
Concen: 39.687 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:204 Resp: 246447  
Ion Ratio Lower Upper  
204 100  
206 31.3 26.5 39.7  
141 65.7 51.8 77.8



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

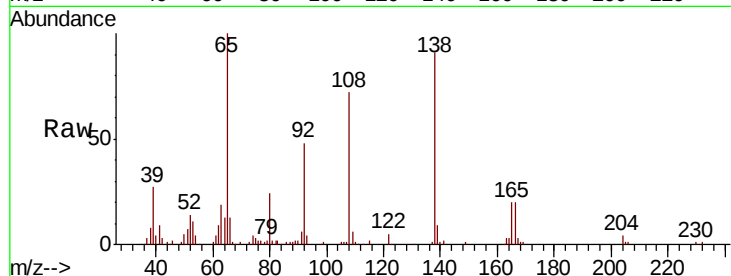




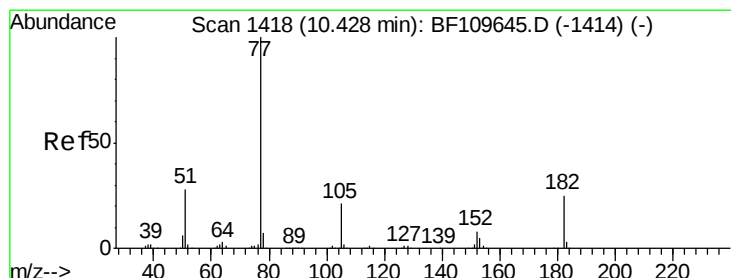
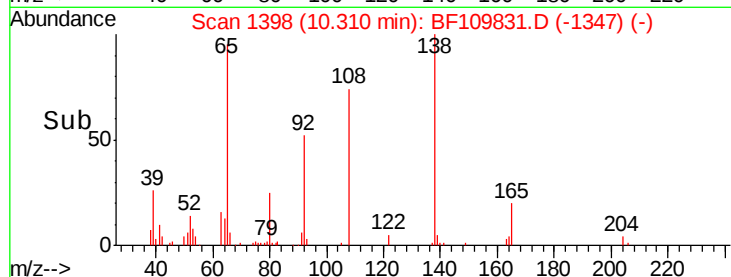
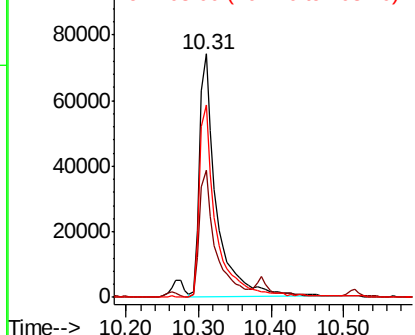
#61  
4-Nitroaniline  
Concen: 40.027 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 120091  
Ion Ratio Lower Upper  
138 100  
92 52.3 31.7 71.7  
108 79.0 59.3 99.3

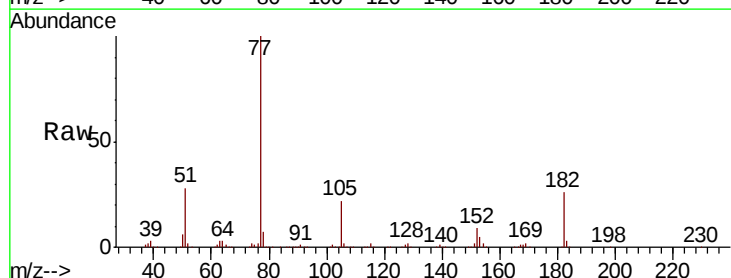


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

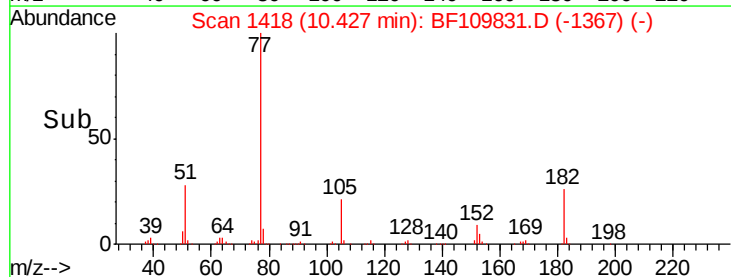
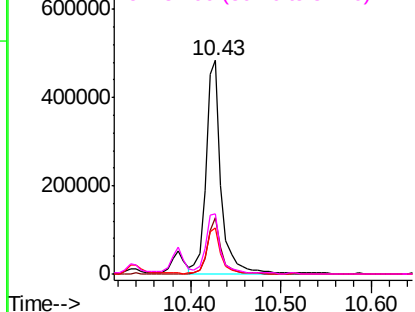


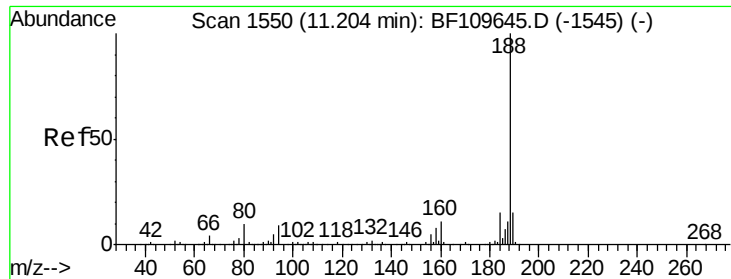
#62  
Azobenzene  
Concen: 41.889 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion: 77 Resp: 561941  
Ion Ratio Lower Upper  
77 100  
182 26.3 4.3 44.3  
105 21.7 1.3 41.3  
51 28.3 9.0 49.0



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

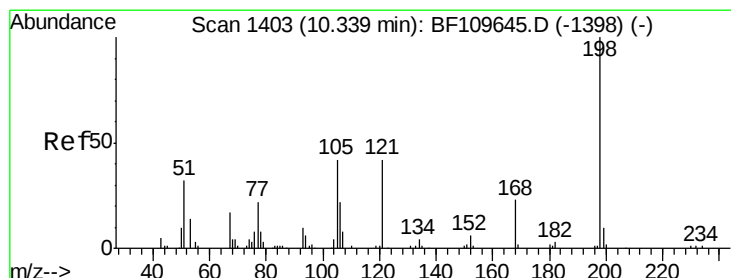
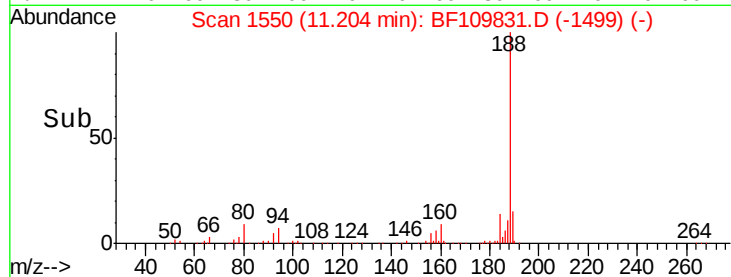
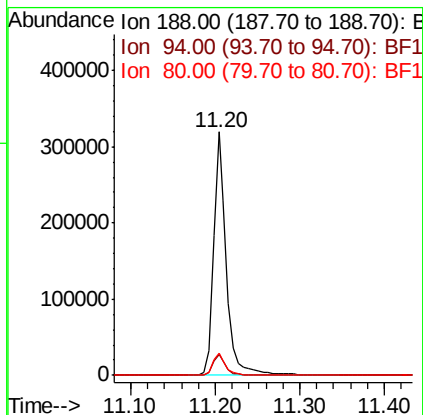
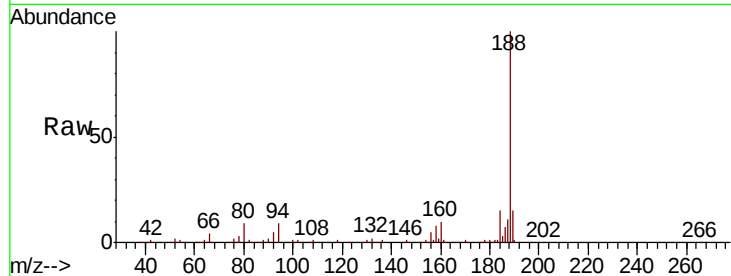




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

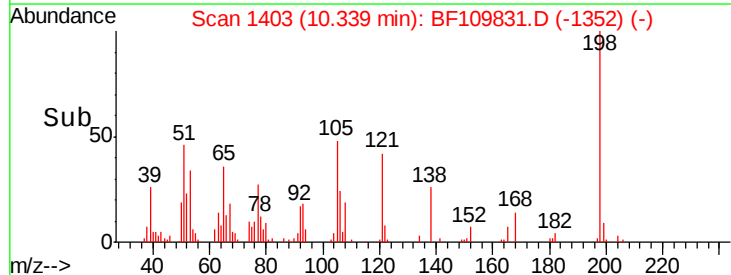
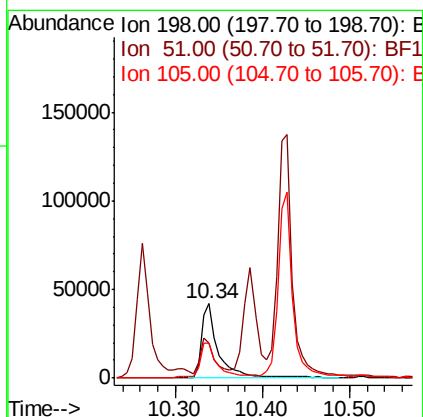
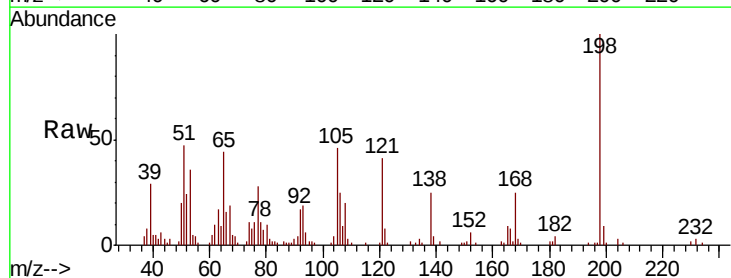
Instrument :  
BNA\_F  
ClientSampleId :

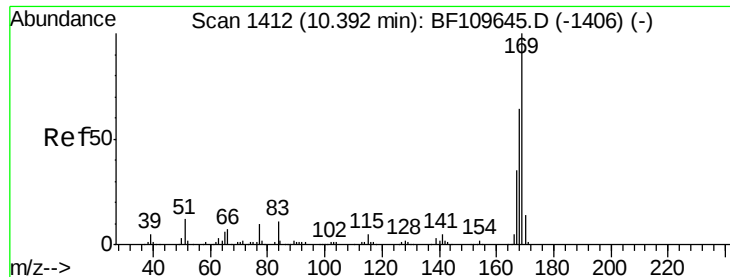
Tot Ion:188 Resp: 343913  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.2 10.8  
80 9.2 7.9 11.9



#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.320 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:198 Resp: 57449  
Ion Ratio Lower Upper  
198 100  
51 46.6 22.8 62.8  
105 46.4 23.6 63.6

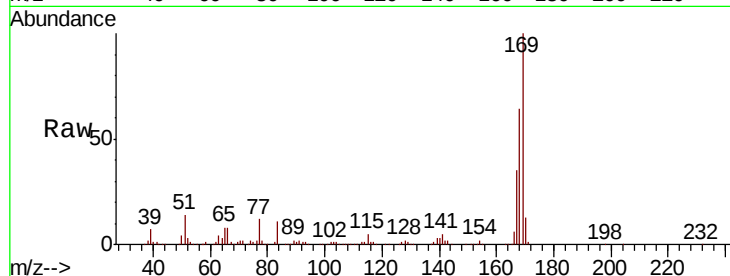




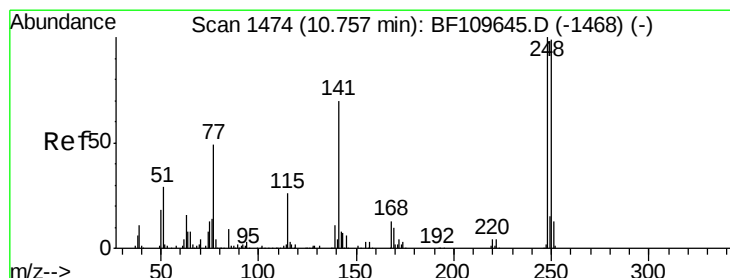
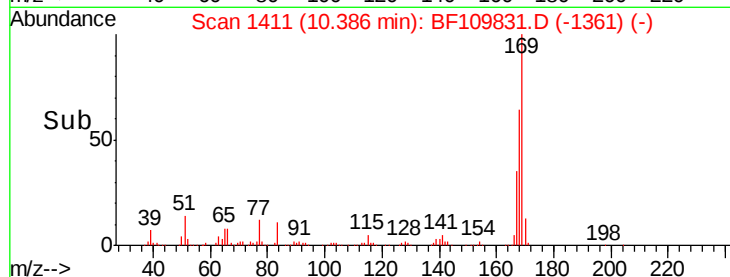
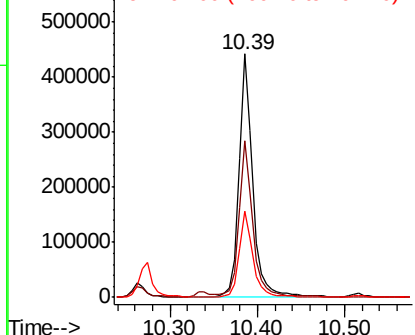
#65  
n-Nitrosodiphenylamine  
Concen: 39.973 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:169 Resp: 466038  
Ion Ratio Lower Upper  
169 100  
168 64.2 51.2 76.8  
167 35.4 27.8 41.6

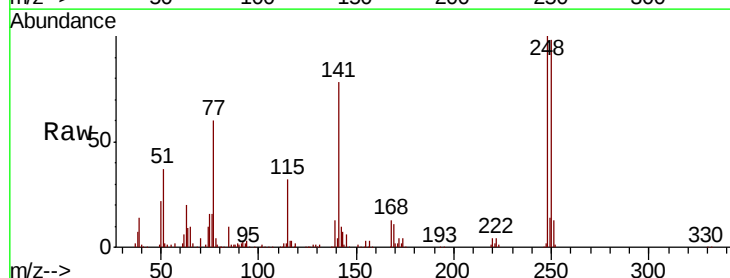


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

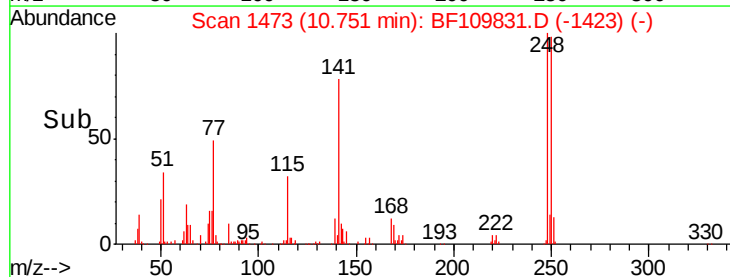
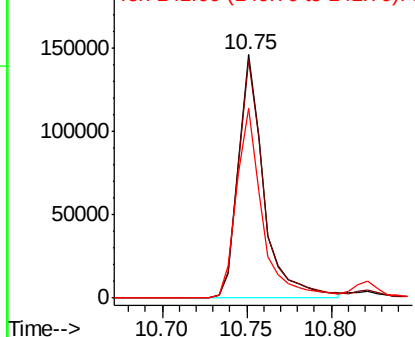


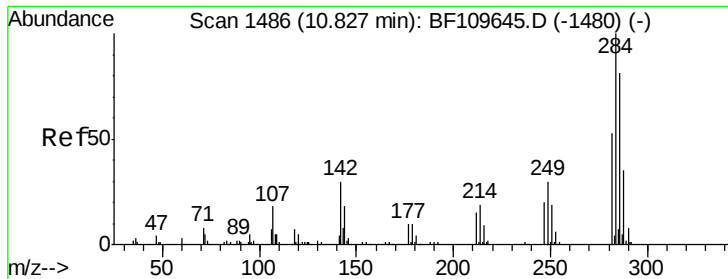
#66  
4-Bromophenyl-phenylether  
Concen: 38.768 ng  
RT: 10.75 min Scan# 1473  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:248 Resp: 153195  
Ion Ratio Lower Upper  
248 100  
250 97.8 79.4 119.2  
141 78.2 55.9 83.9



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

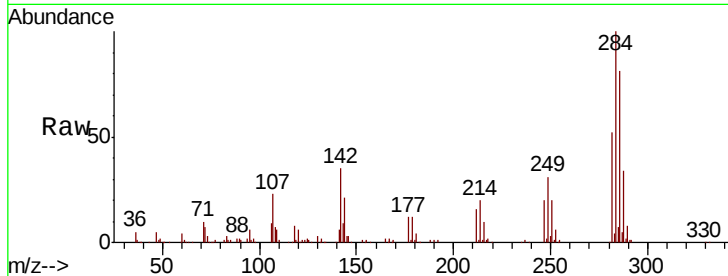




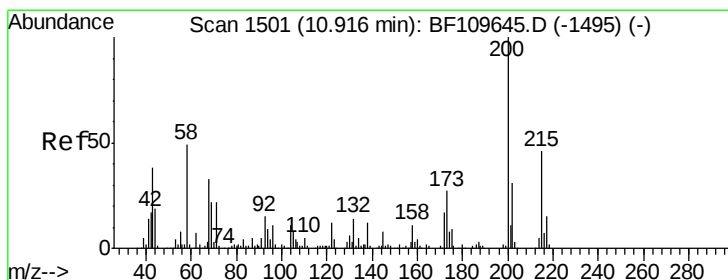
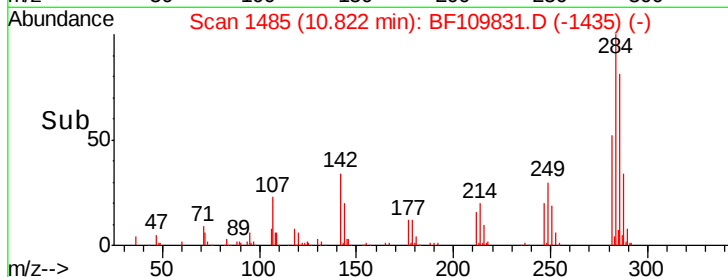
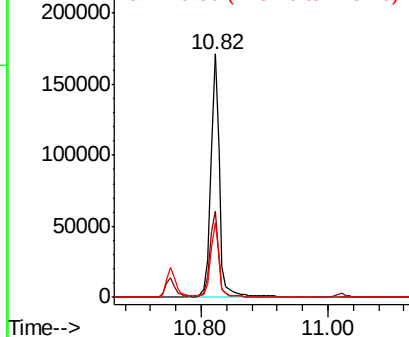
#67  
Hexachlorobenzene  
Concen: 39.145 ng  
RT: 10.82 min Scan# 1485  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.2  | 23.9  | 35.9  |
| 249     | 30.7  | 24.2  | 36.2  |

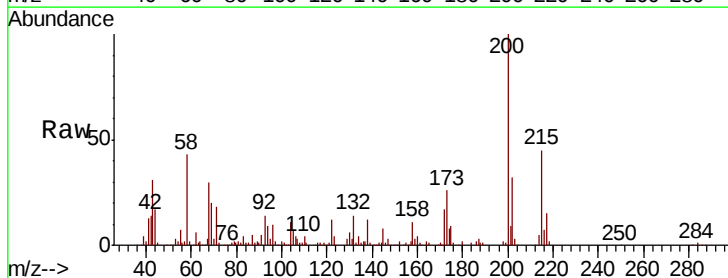


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

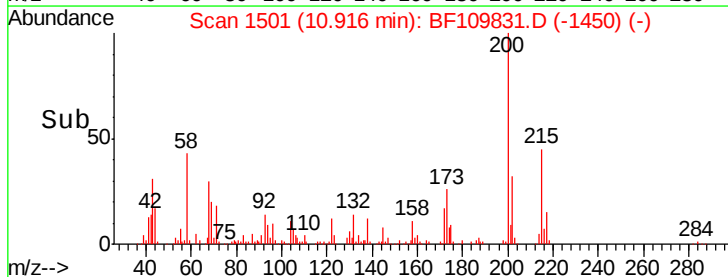
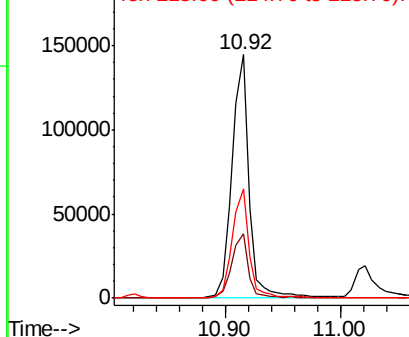


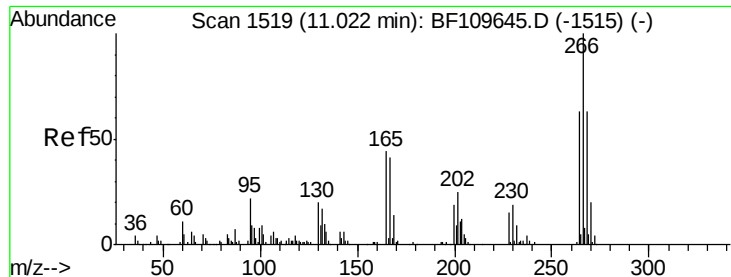
#68  
Atrazine  
Concen: 40.853 ng  
RT: 10.92 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.3  | 6.6   | 46.6  |
| 215     | 45.0  | 26.3  | 66.3  |



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

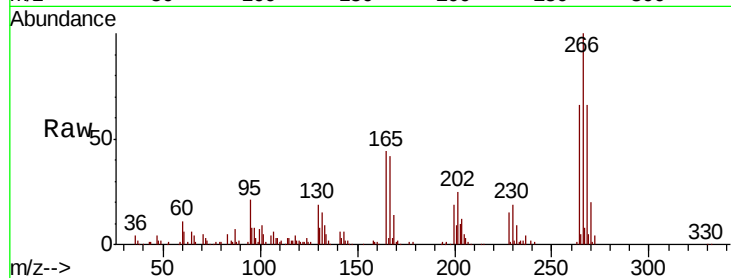




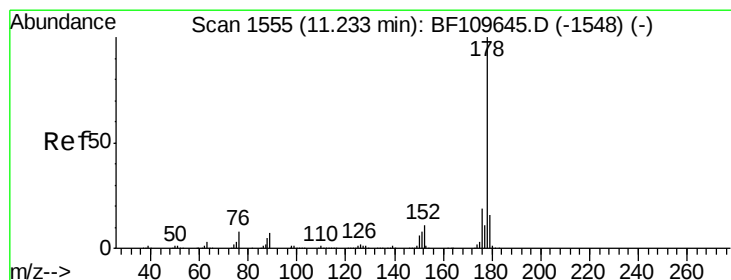
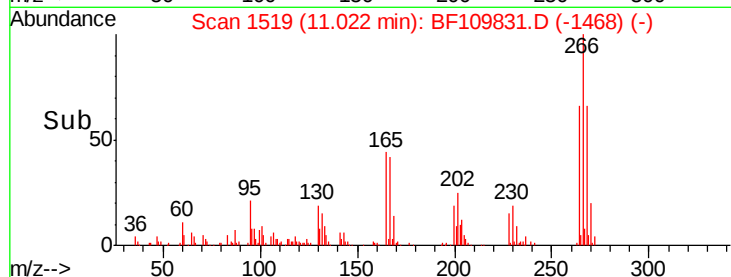
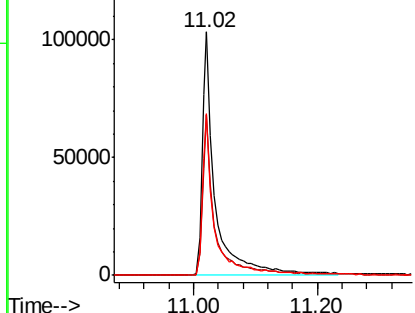
#69  
 Pentachlorophenol  
 Concen: 63.787 ng  
 RT: 11.02 min Scan# 1519  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.7  | 50.6  | 75.8  |
| 264     | 66.2  | 50.6  | 75.8  |

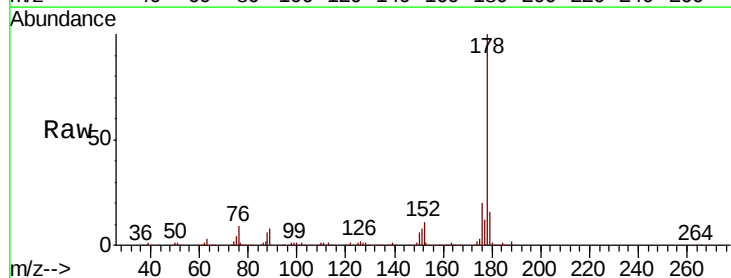


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

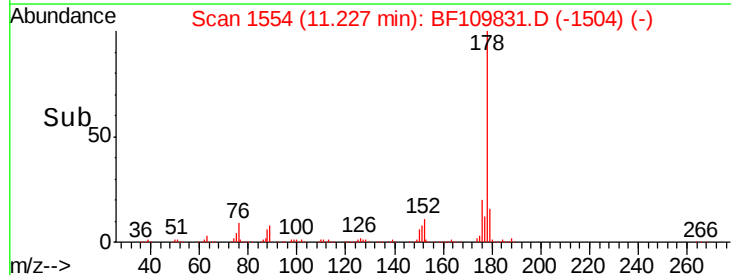
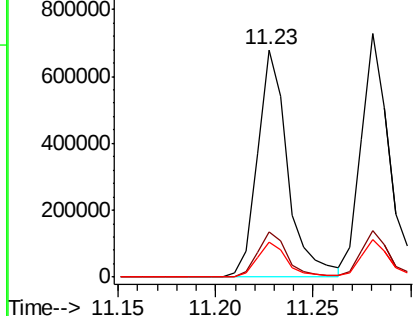


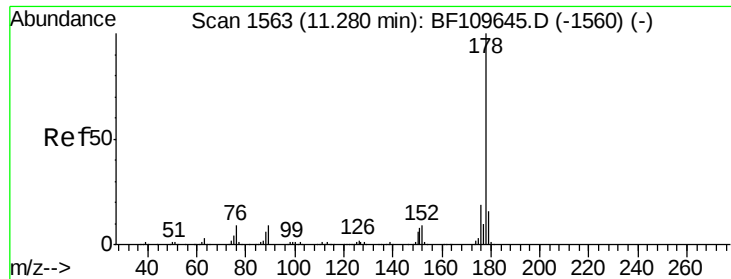
#70  
 Phenanthrene  
 Concen: 42.501 ng  
 RT: 11.23 min Scan# 1554  
 Delta R.T. -0.01 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.5  | 23.3  |
| 179     | 15.6  | 12.5  | 18.7  |



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

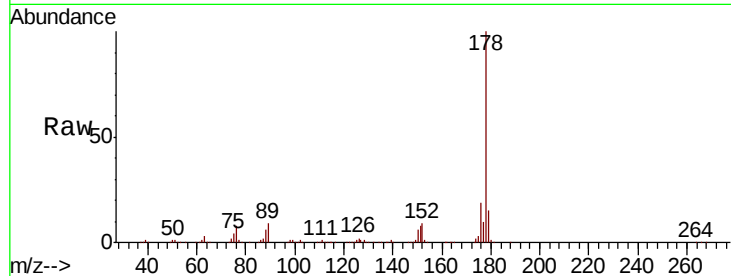




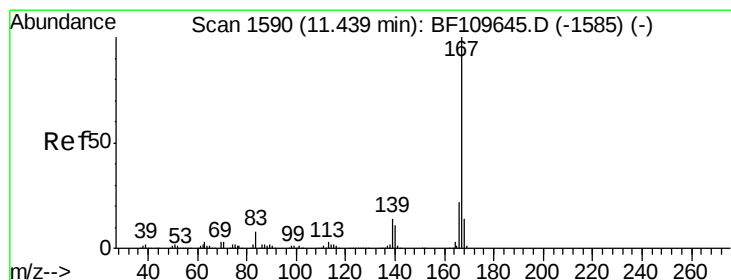
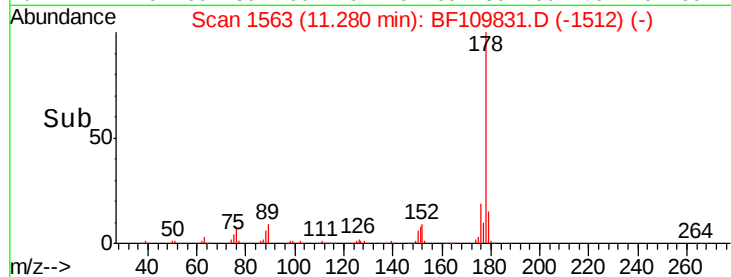
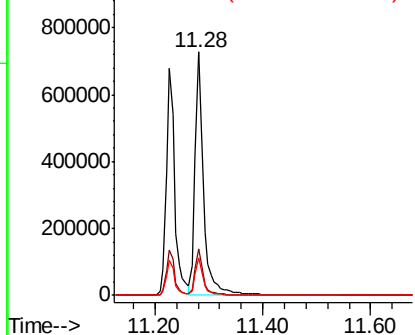
#71  
 Anthracene  
 Concen: 45.227 ng  
 RT: 11.28 min Scan# 1563  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:178 Resp: 804644  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.4 23.2  
 179 15.4 12.6 18.8

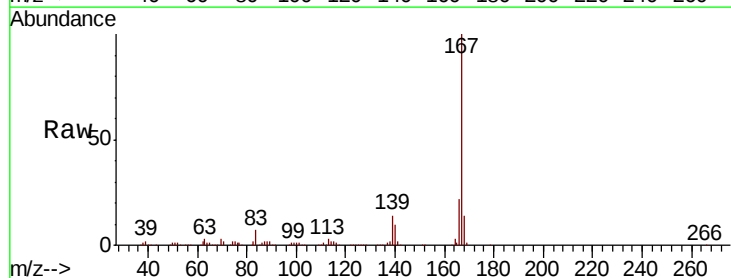


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

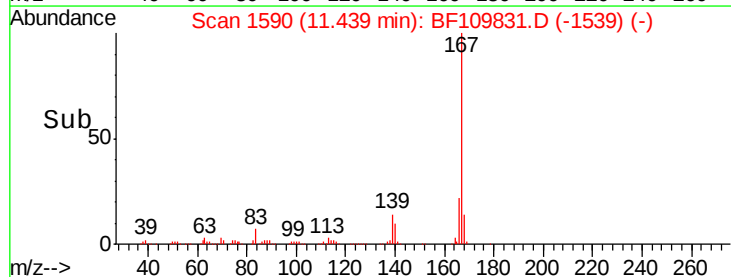
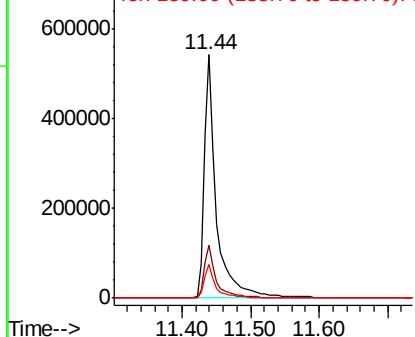


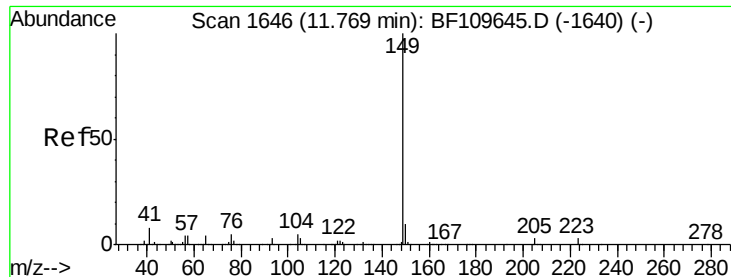
#72  
 Carbazole  
 Concen: 39.835 ng  
 RT: 11.44 min Scan# 1590  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Tgt Ion:167 Resp: 687361  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.0  
 139 13.6 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

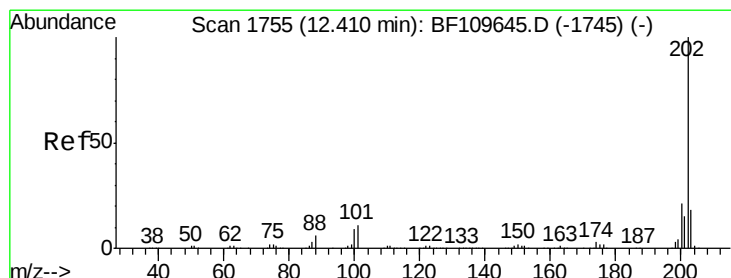
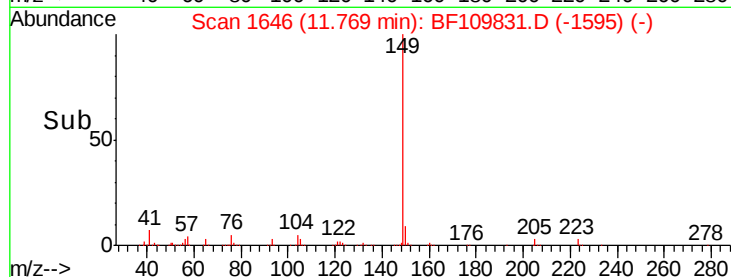
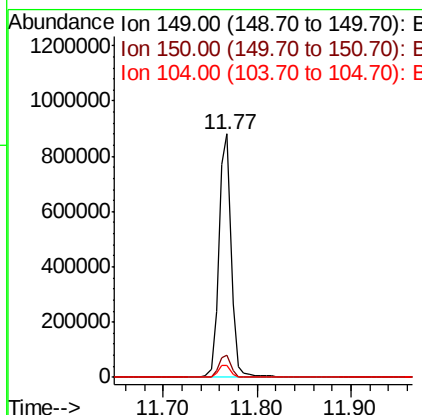
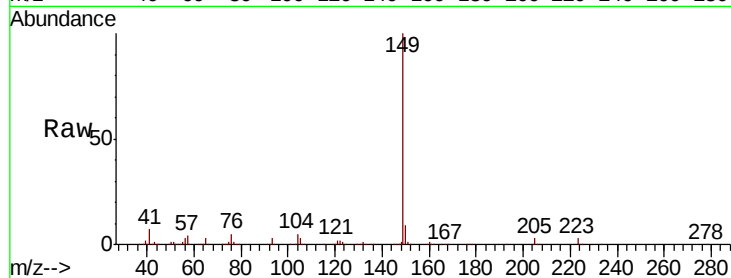




#73  
Di-n-butylphthalate  
Concen: 40.575 ng  
RT: 11.77 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

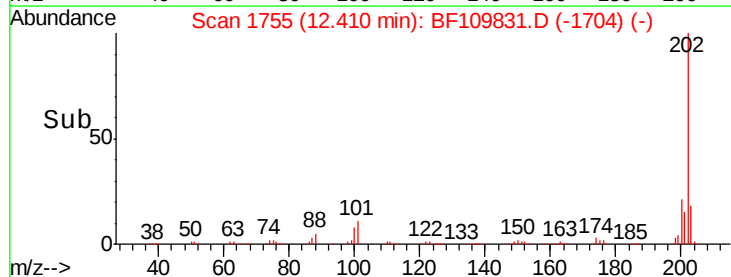
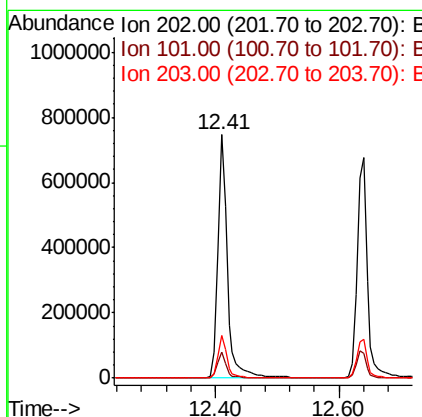
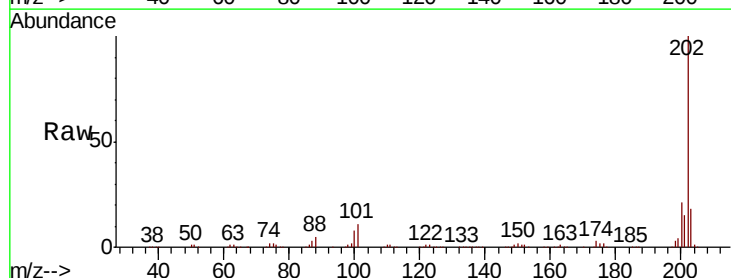
Instrument :  
BNA\_F  
ClientSampled :

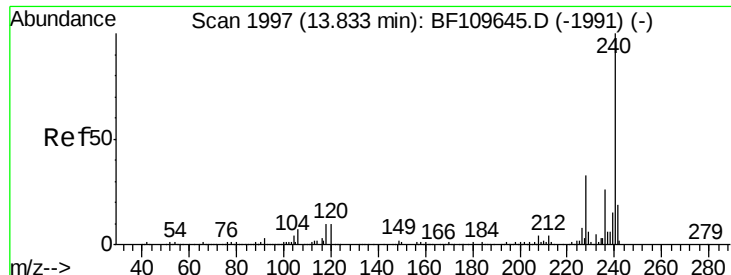
Tot Ion:149 Resp: 812037  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.7 11.5  
104 5.2 4.2 6.4



#74  
Fluoranthene  
Concen: 43.473 ng  
RT: 12.41 min Scan# 1755  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:202 Resp: 781642  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.4  
203 17.7 0.0 37.7

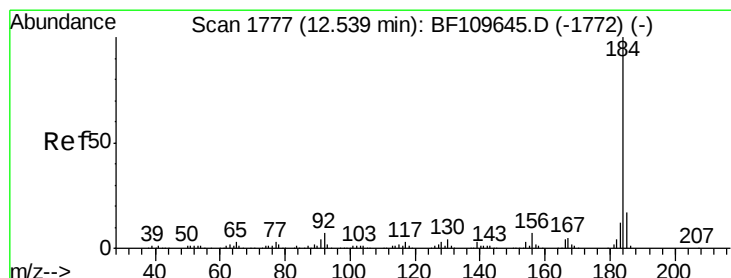
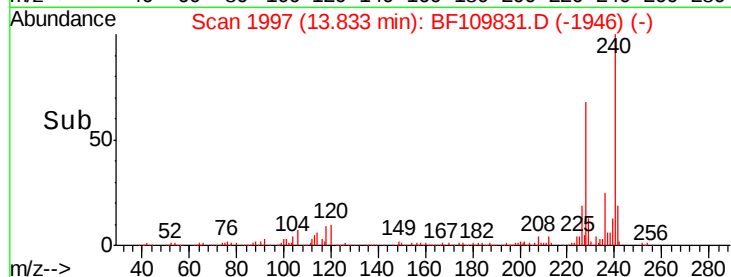
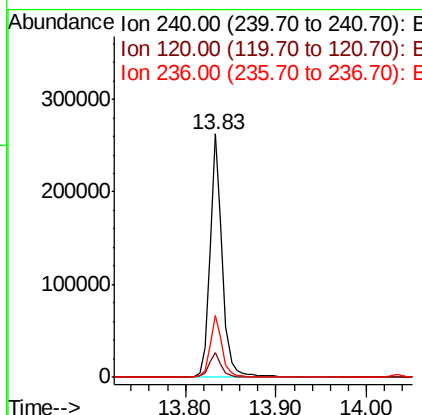
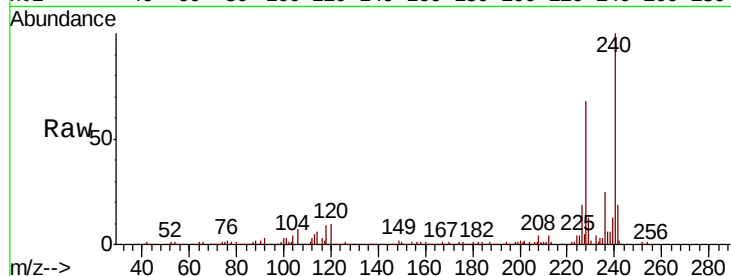




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.83 min Scan# 1997  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

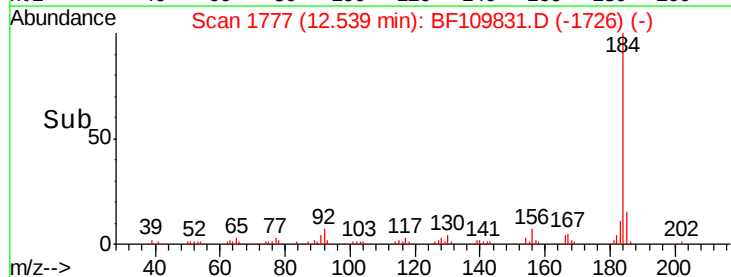
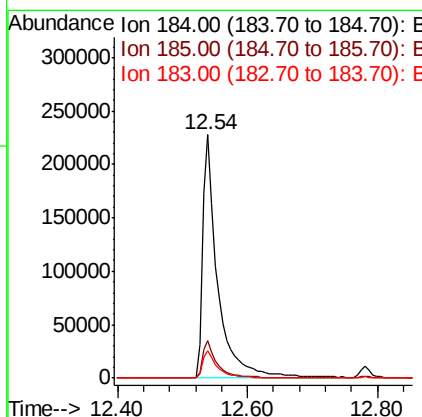
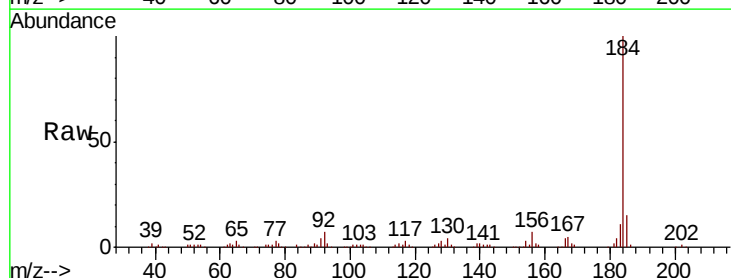
Instrument :  
BNA\_F  
ClientSampleId :

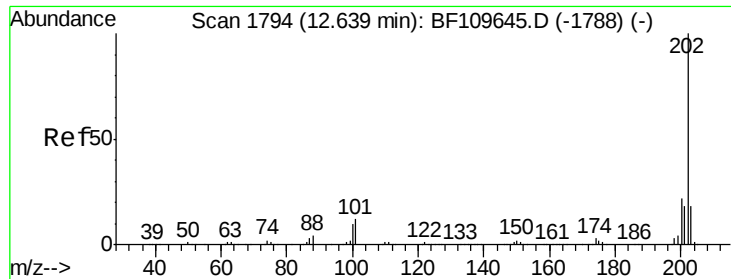
Tot Ion:240 Resp: 248163  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.3 12.5  
236 25.3 21.2 31.8



#76  
Benzidine  
Concen: 39.467 ng  
RT: 12.54 min Scan# 1777  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:184 Resp: 363830  
Ion Ratio Lower Upper  
184 100  
185 15.4 13.4 20.2  
183 11.4 9.4 14.2

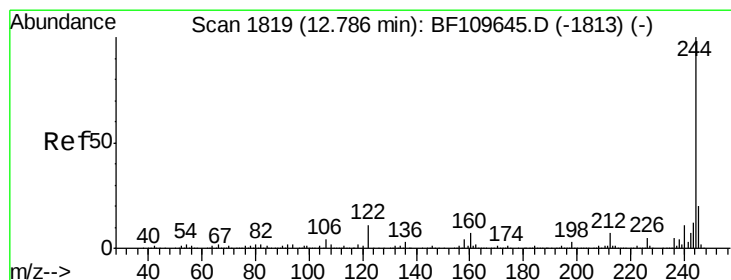
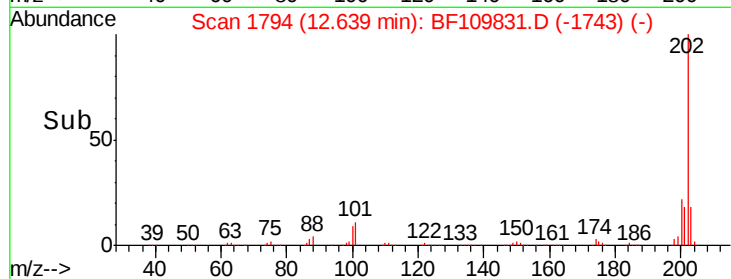
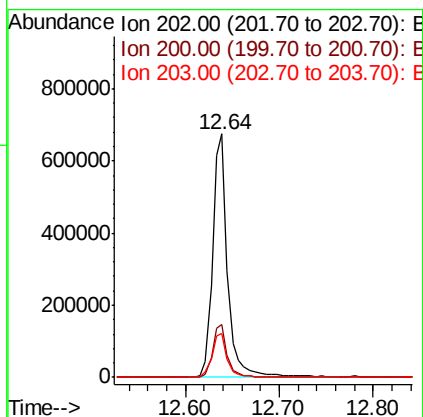
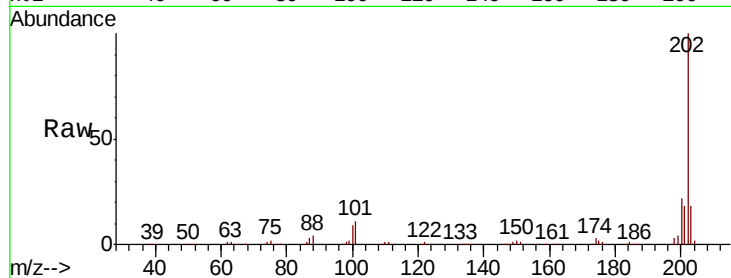




#77  
Pvrene  
Concen: 41.637 ng  
RT: 12.64 min Scan# 1794  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

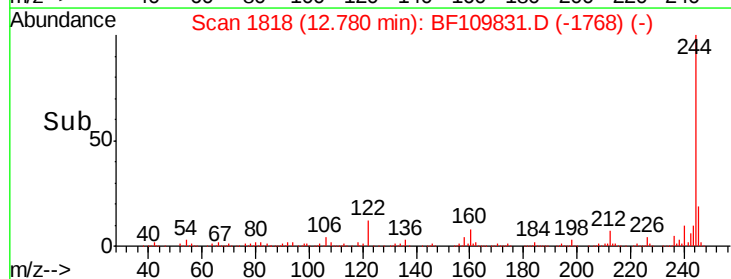
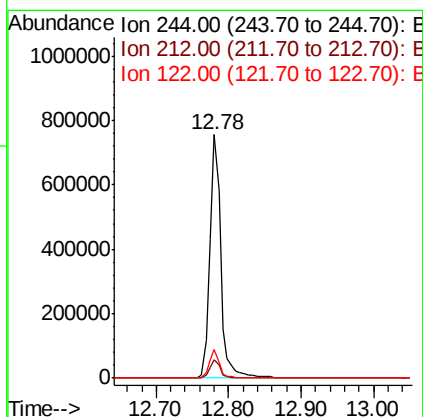
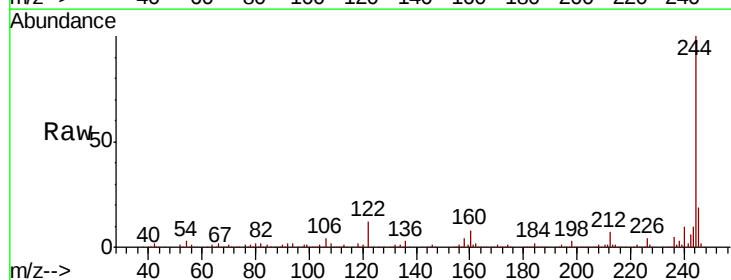
Instrument :  
BNA\_F  
ClientSampleId :

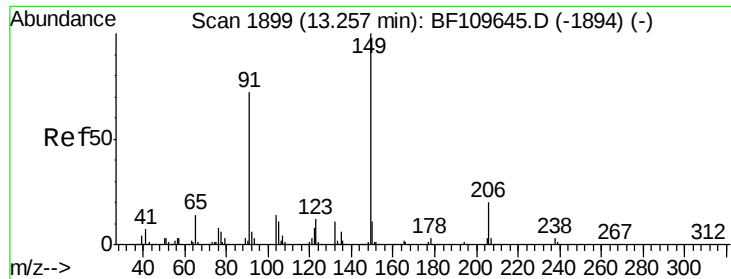
Tot Ion:202 Resp: 757049  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.8 26.6  
203 17.9 14.2 21.4



#78  
Terphenyl-d14  
Concen: 62.064 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. -0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:244 Resp: 795626  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.8  
122 11.5 8.7 13.1

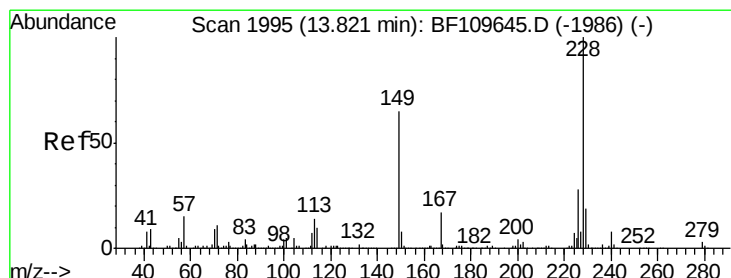
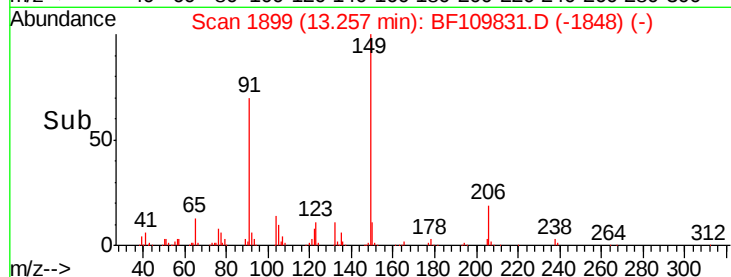
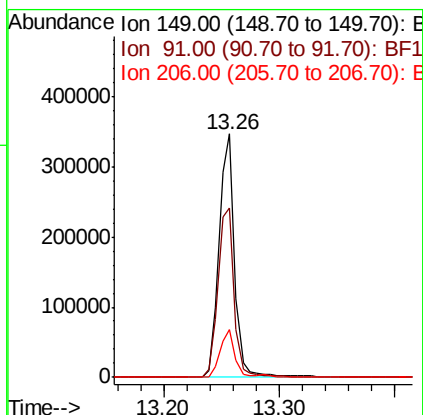
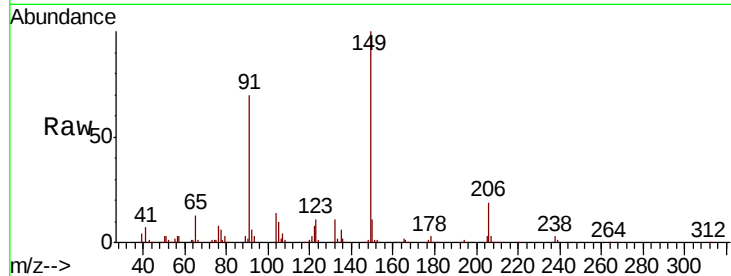




#79  
Butylbenzylphthalate  
Concen: 41.419 ng  
RT: 13.26 min Scan# 1899  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

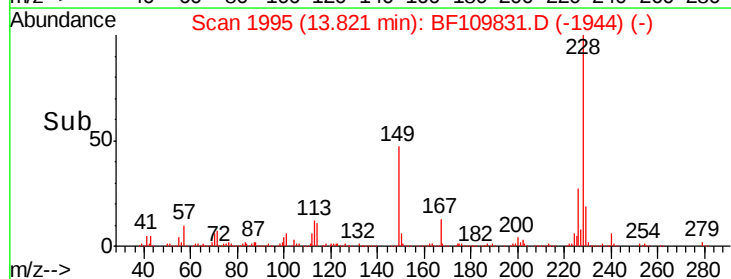
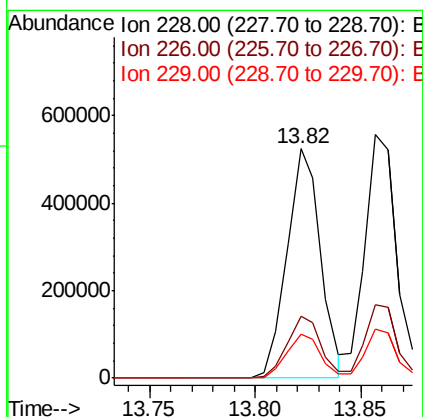
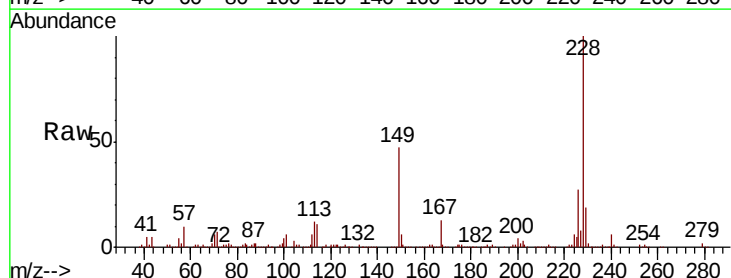
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.7  | 57.2  | 85.8  |
| 206     | 19.4  | 15.7  | 23.5  |



#80  
Benzo(a)anthracene  
Concen: 42.374 ng  
RT: 13.82 min Scan# 1995  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.1  | 22.1  | 33.1  |
| 229     | 19.0  | 15.6  | 23.4  |

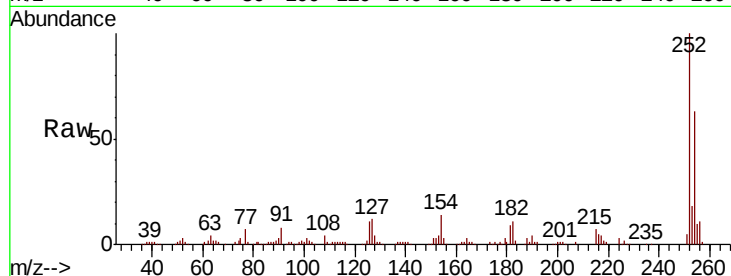




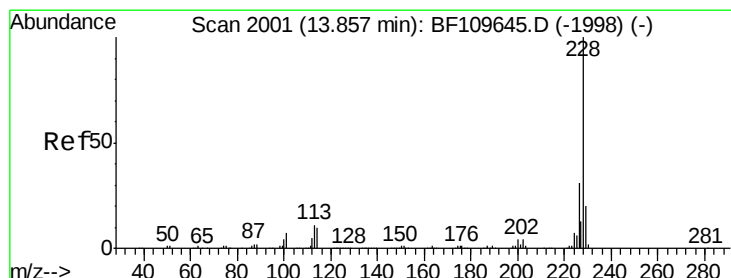
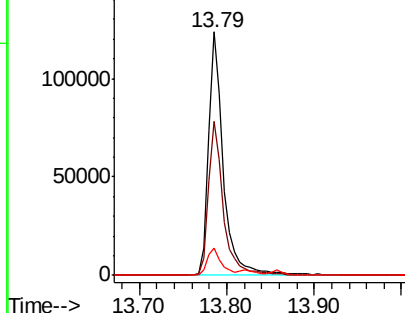
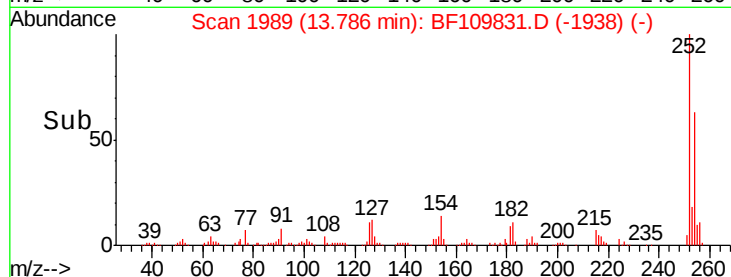
#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.574 ng  
 RT: 13.79 min Scan# 1989  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 146533  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 51.3 76.9  
 126 11.4 9.4 14.2

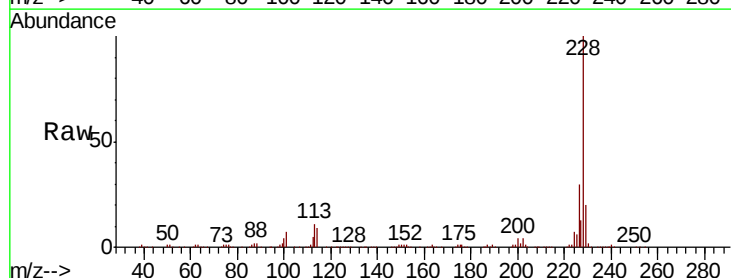


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

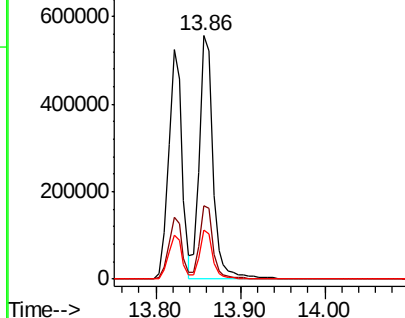
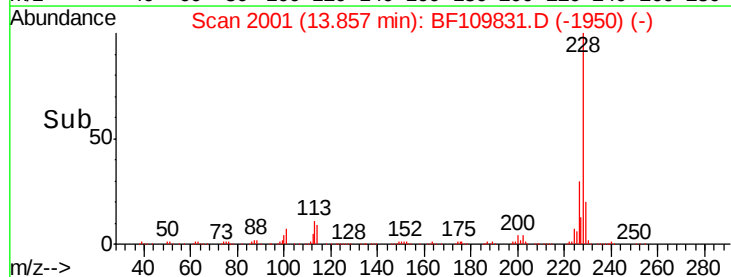


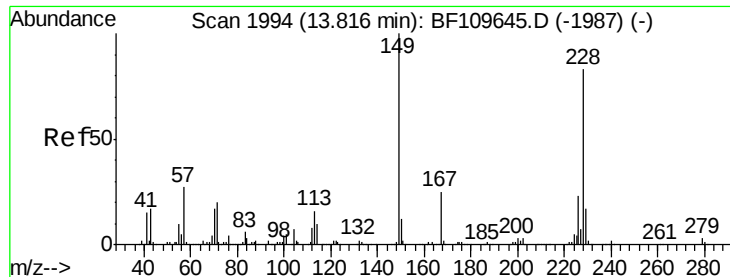
#82  
 Chrysene  
 Concen: 43.120 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Tgt Ion:228 Resp: 620266  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 24.7 37.1  
 229 20.0 15.9 23.9



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

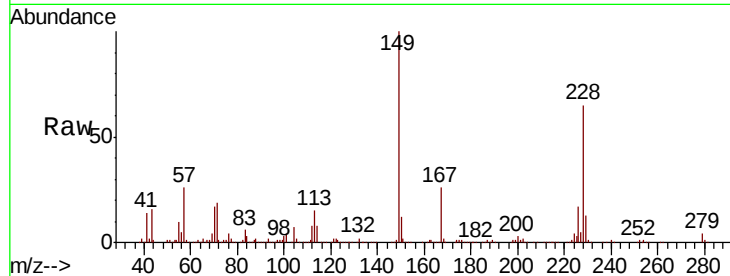




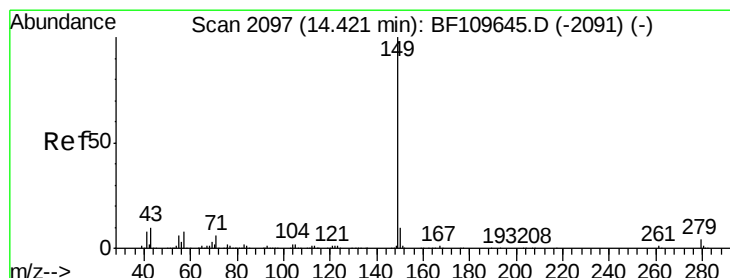
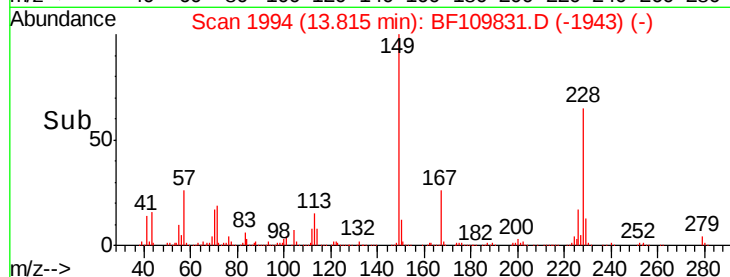
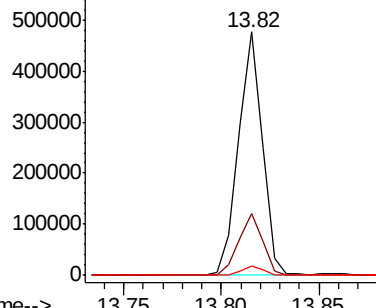
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.095 ng  
 RT: 13.82 min Scan# 1994  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 404846  
 Ion Ratio Lower Upper  
 149 100  
 167 25.6 19.8 29.8  
 279 3.6 2.7 4.1

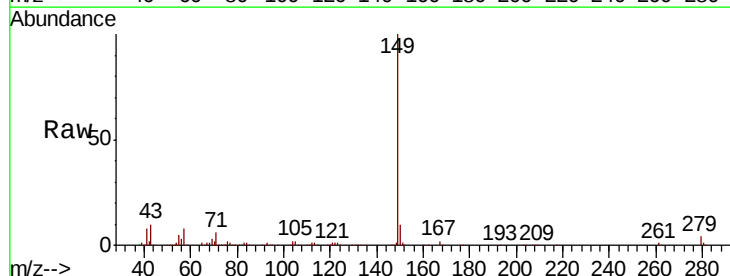


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

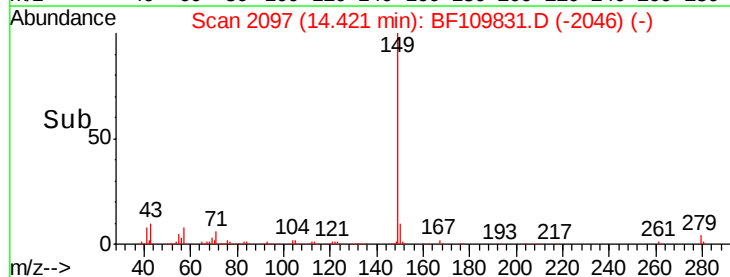
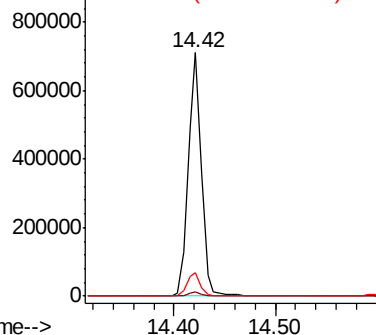


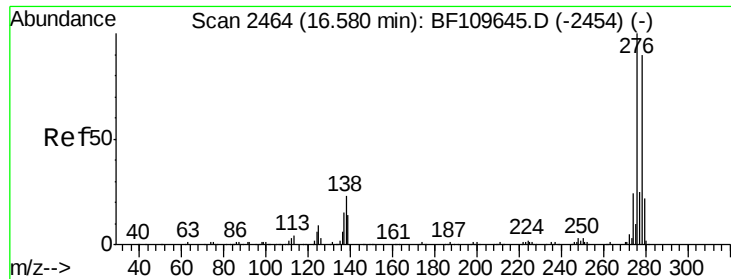
#84  
 Di-n-octyl phthalate  
 Concen: 41.888 ng  
 RT: 14.42 min Scan# 2097  
 Delta R.T. -0.00 min  
 Lab File: BF109831.D  
 Acq: 12 Oct 2018 14:06

Tgt Ion:149 Resp: 636761  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.1 1.7  
 43 9.8 7.8 11.8



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: 44.426 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

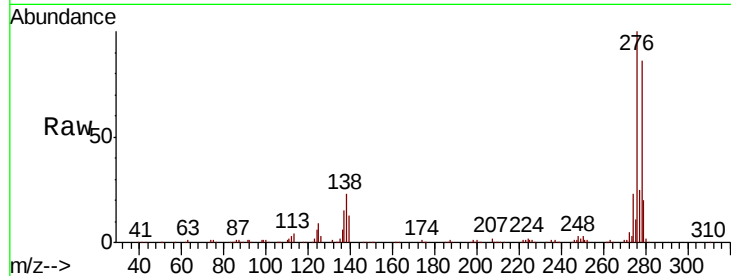
Tot Ion:276 Resp: 457411

Ion Ratio Lower Upper

276 100

138 22.7 18.5 27.7

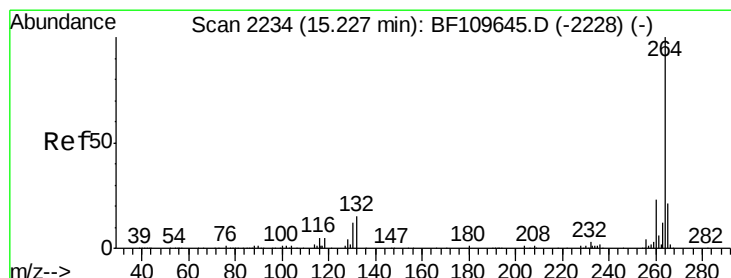
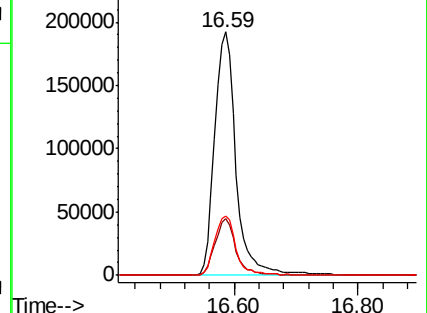
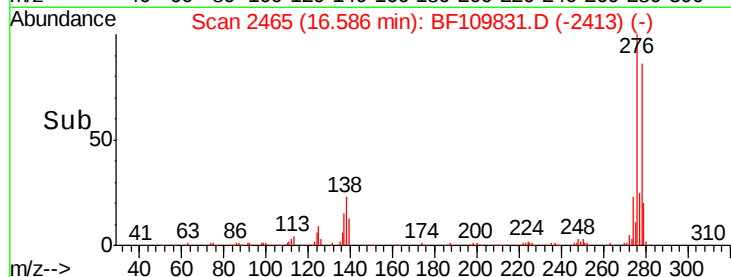
277 24.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

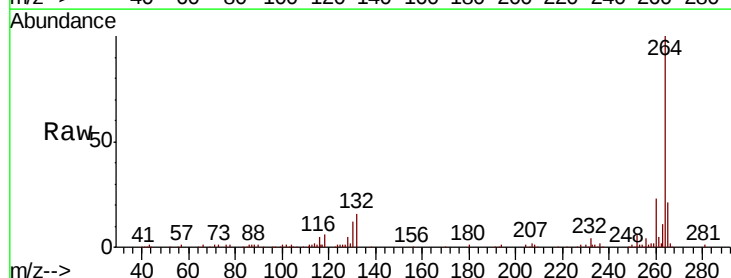
Tgt Ion:264 Resp: 193366

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

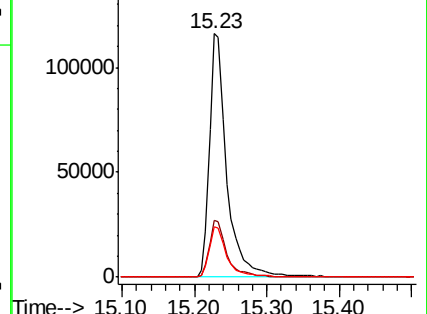
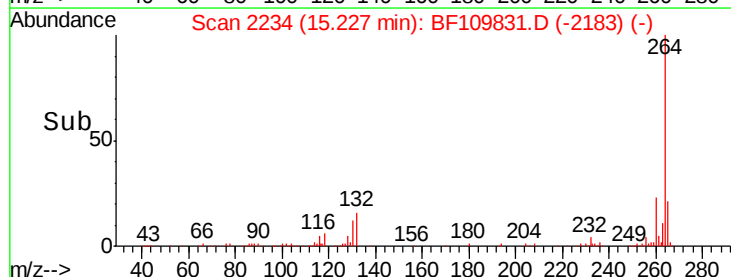
265 20.9 16.7 25.1

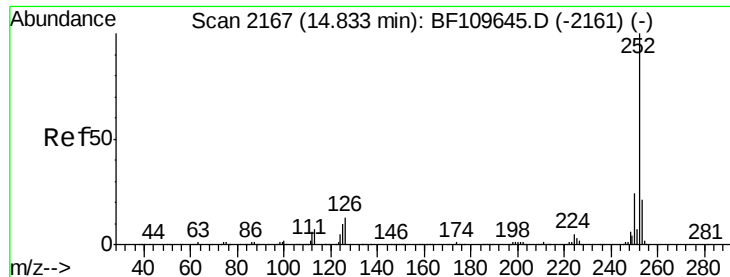


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

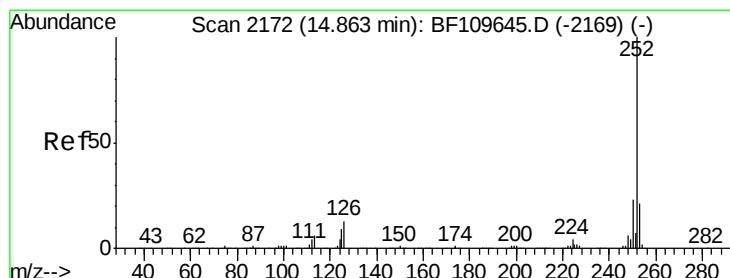
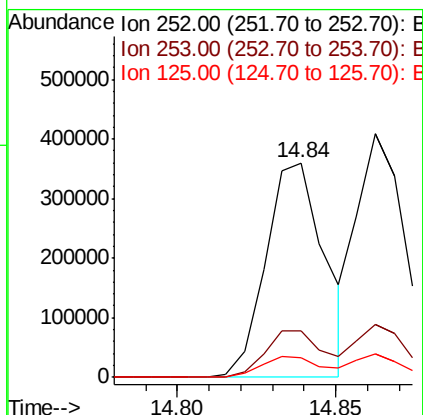
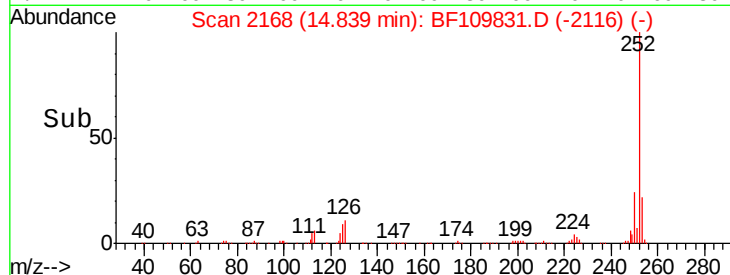
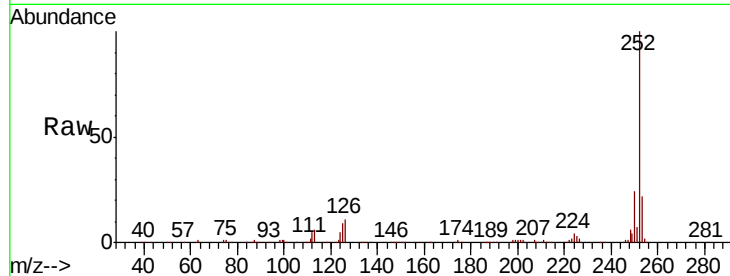




#87  
Benzo(b)fluoranthene  
Concen: 43.378 ng  
RT: 14.84 min Scan# 2168  
Delta R.T. 0.01 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

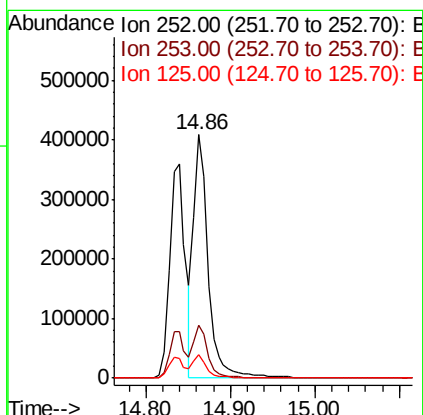
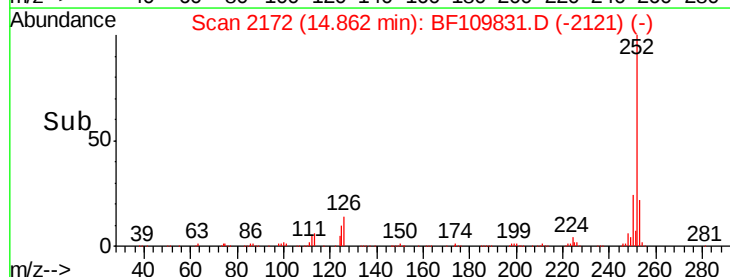
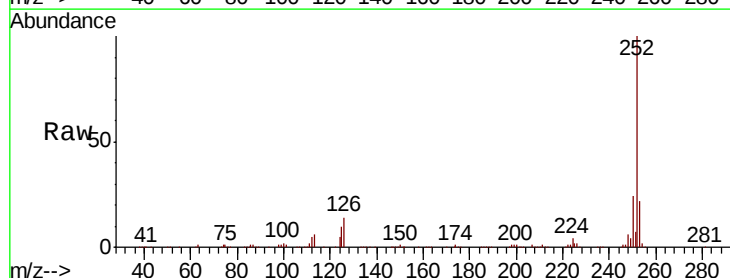
Instrument :  
BNA\_F  
ClientSampleId :

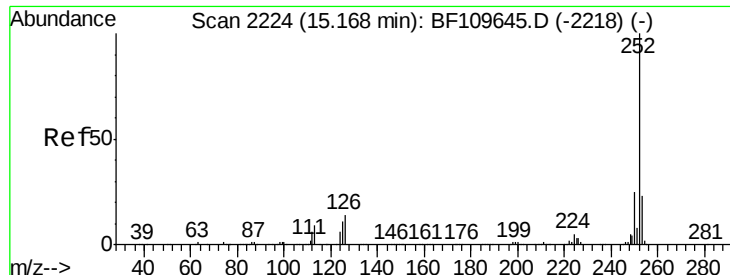
Tot Ion:252 Resp: 463531  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.2 25.8  
125 8.9 8.2 12.4



#88  
Benzo(k)fluoranthene  
Concen: 45.053 ng  
RT: 14.86 min Scan# 2172  
Delta R.T. -0.00 min  
Lab File: BF109831.D  
Acq: 12 Oct 2018 14:06

Tgt Ion:252 Resp: 483711  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.2 25.8  
125 9.6 7.4 11.0





#89

Benzo(a)pyrene

Concen: 46.154 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :

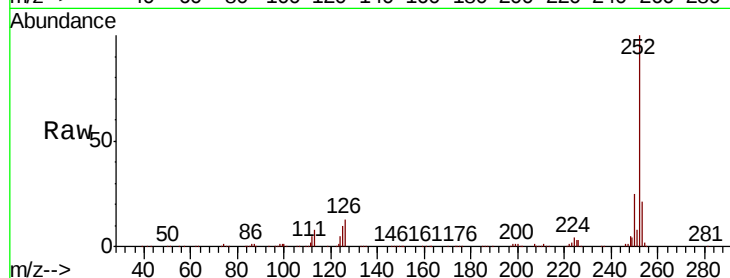
Tot Ion:252 Resp: 447560

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.4

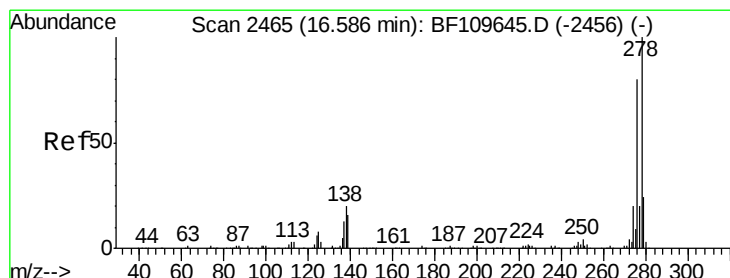
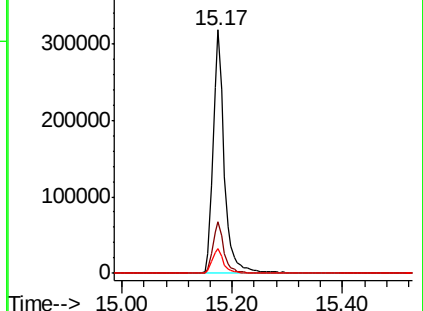
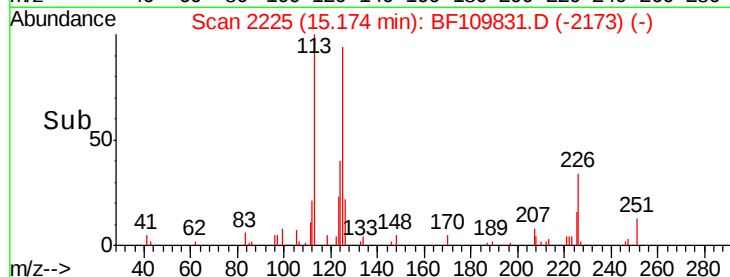
125 10.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.140 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

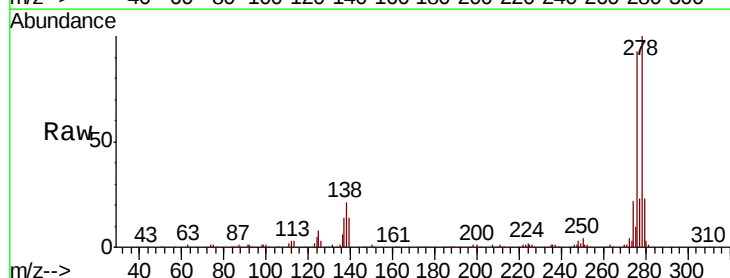
Tgt Ion:278 Resp: 383388

Ion Ratio Lower Upper

278 100

139 14.2 12.7 19.1

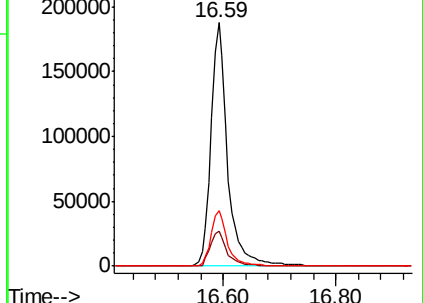
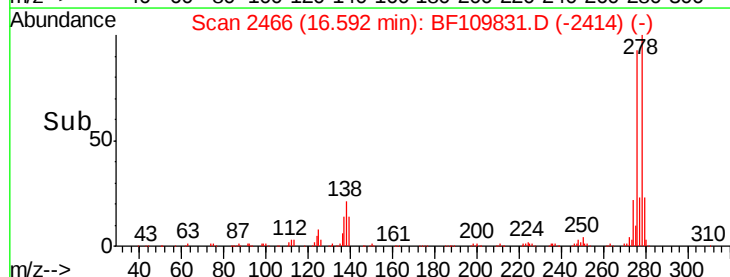
279 22.6 19.0 28.4

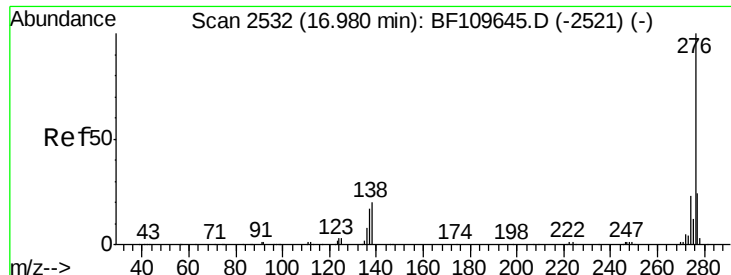


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.597 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

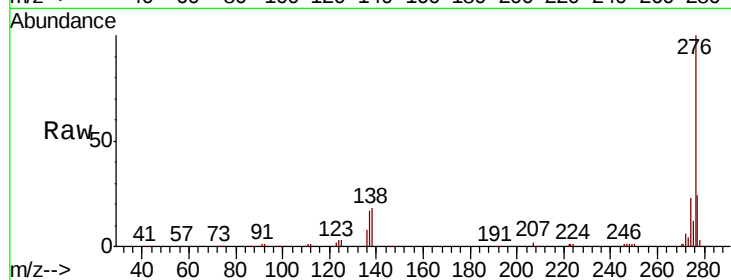
Lab File: BF109831.D

Acq: 12 Oct 2018 14:06

Instrument :

BNA\_F

ClientSampleId :



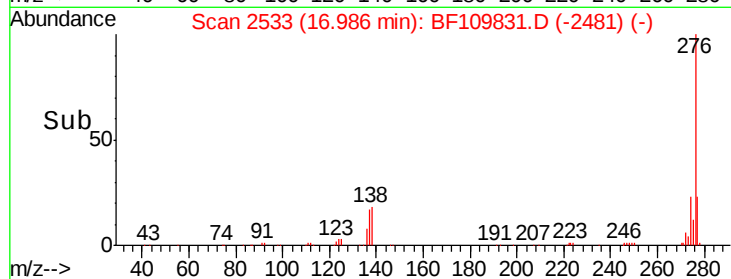
Tot Ion: 276 Resp: 386482

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 18.3 16.0 24.0



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

