

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\  
 Data File : BF110806.D  
 Acq On : 15 Nov 2018 23:24  
 Operator : JU/SJ  
 Sample : J5939-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 16 04:30:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 52050    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 209560   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.99  | 164  | 93463    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.48 | 188  | 156782   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.13 | 240  | 133807   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.66 | 264  | 99873    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 365726 | 114.13 | ng | 0.04 |
| 7) Phenol-d6             | 6.57  | 99  | 307286 | 74.99  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.51  | 82  | 265385 | 72.93  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 70968  | 75.36  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.30  | 172 | 501132 | 76.58  | ng | 0.00 |
| 79) Terphenyl-d14        | 13.06 | 244 | 441532 | 61.80  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.77 | 88  | 44791  | 28.054 | ng | 89     |
| 3) Pyridine                    | 3.57 | 79  | 97829  | 28.387 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.52 | 42  | 64649  | 43.719 | ng | # 89   |
| 6) Aniline                     | 6.62 | 93  | 356008 | 66.621 | ng | # 53   |
| 8) 2-Chlorophenol              | 6.73 | 128 | 164554 | 43.805 | ng | 99     |
| 9) Benzaldehyde                | 6.50 | 77  | 31236  | 11.364 | ng | 97     |
| 10) Phenol                     | 6.59 | 94  | 126273 | 26.576 | ng | # 66   |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 141593 | 39.764 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.89 | 146 | 161155 | 39.209 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 167832 | 40.211 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146 | 158148 | 40.731 | ng | 98     |
| 15) Benzyl Alcohol             | 7.09 | 79  | 128021 | 39.923 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 223462 | 39.961 | ng | 71     |
| 17) 2-Methylphenol             | 7.19 | 107 | 102872 | 34.409 | ng | # 83   |
| 18) Hexachloroethane           | 7.45 | 117 | 47118  | 30.579 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70  | 108164 | 41.352 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 127791 | 33.298 | ng | # 70   |
| 22) Acetophenone               | 7.35 | 105 | 219604 | 44.965 | ng | 95     |
| 24) Nitrobenzene               | 7.53 | 77  | 165874 | 44.491 | ng | 98     |
| 25) Isophorone                 | 7.76 | 82  | 289570 | 48.552 | ng | 95     |
| 26) 2-Nitrophenol              | 7.85 | 139 | 75348  | 40.511 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 110886 | 39.147 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 183495 | 45.440 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.09 | 162 | 135026 | 46.327 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 141122 | 42.944 | ng | 93     |
| 31) Naphthalene                | 8.25 | 128 | 450157 | 45.758 | ng | 100    |
| 32) Benzoic acid               | 7.87 | 122 | 110886 | 55.328 | ng | # 12   |
| 33) 4-Chloroaniline            | 8.30 | 127 | 271864 | 61.010 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 76941  | 40.992 | ng | 98     |
| 35) Caprolactam                | 8.66 | 113 | 27307  | 28.043 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.77 | 107 | 119247 | 37.936 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 307966 | 47.753 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.04 | 142 | 289375 | 46.657 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 131916 | 44.589 | ng | 97     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\  
 Data File : BF110806.D  
 Acq On : 15 Nov 2018 23:24  
 Operator : JU/SJ  
 Sample : J5939-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

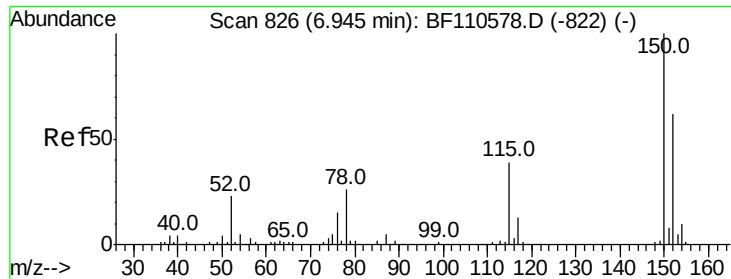
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 16 04:30:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.99  | 237  | 178      | 7.763   | ng    | # 27     |
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 64208    | 34.537  | ng    | 93       |
| 44) 2,4,5-Trichlorophenol      | 9.26  | 196  | 76104    | 38.376  | ng    | 91       |
| 46) 1,1'-Biphenyl              | 9.40  | 154  | 371279   | 42.584  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 279154   | 44.442  | ng    | 98       |
| 48) 2-Nitroaniline             | 9.53  | 65   | 89527    | 46.252  | ng    | 94       |
| 49) Acenaphthylene             | 9.85  | 152  | 428984   | 47.423  | ng    | 98       |
| 50) Dimethylphthalate          | 9.69  | 163  | 324727   | 46.563  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 66431    | 43.302  | ng    | 98       |
| 52) Acenaphthene               | 10.02 | 154  | 256249   | 44.824  | ng    | 98       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 74851    | 42.113  | ng    | 91       |
| 55) Dibenzofuran               | 10.19 | 168  | 377586   | 45.145  | ng    | 96       |
| 56) 4-Nitrophenol              | 10.11 | 139  | 55092    | 46.722  | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.18 | 165  | 37226    | 18.662  | ng    | 94       |
| 58) Fluorene                   | 10.53 | 166  | 269436   | 41.940  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 41389    | 26.530  | ng    | 94       |
| 60) Diethylphthalate           | 10.39 | 149  | 327629   | 47.486  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 145182   | 43.646  | ng    | 99       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 77182    | 43.124  | ng    | 91       |
| 63) Azobenzene                 | 10.68 | 77   | 288728   | 42.893  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.31 | 198  | 1887     | 2.388   | ng    | # 33     |
| 66) n-Nitrosodiphenylamine     | 10.64 | 169  | 260972   | 49.384  | ng    | 94       |
| 67) 4-Bromophenyl-phenylether  | 11.02 | 248  | 80478    | 46.445  | ng    | 98       |
| 68) Hexachlorobenzene          | 11.09 | 284  | 84490    | 46.249  | ng    | # 94     |
| 69) Atrazine                   | 11.16 | 200  | 83809    | 51.868  | ng    | 98       |
| 70) Pentachlorophenol          | 11.29 | 266  | 15277    | 15.672  | ng    | 97       |
| 71) Phenanthrene               | 11.50 | 178  | 402023   | 47.862  | ng    | 99       |
| 72) Anthracene                 | 11.56 | 178  | 415841   | 49.078  | ng    | 99       |
| 73) Carbazole                  | 11.72 | 167  | 356475   | 43.807  | ng    | 99       |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 481307   | 50.439  | ng    | 99       |
| 75) Fluoranthene               | 12.70 | 202  | 401433   | 47.670  | ng    | 100      |
| 77) Benzidine                  | 12.84 | 184  | 2038208  | 553.902 | ng    | 96       |
| 78) Pyrene                     | 12.93 | 202  | 410482   | 39.842  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 186629   | 42.086  | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.12 | 228  | 389041   | 48.644  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 144671   | 53.998  | ng    | 98       |
| 83) Chrysene                   | 14.16 | 228  | 364489   | 47.836  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 253280   | 46.042  | ng    | # 97     |
| 85) Di-n-octyl phthalate       | 14.70 | 149  | 462299   | 57.148  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.24 | 276  | 236681   | 43.287  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.21 | 252  | 318190   | 53.256  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 303265   | 51.368  | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.60 | 252  | 270955   | 49.913  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.24 | 278  | 200980   | 43.750  | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.72 | 276  | 189270   | 41.525  | ng    | # 95     |

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



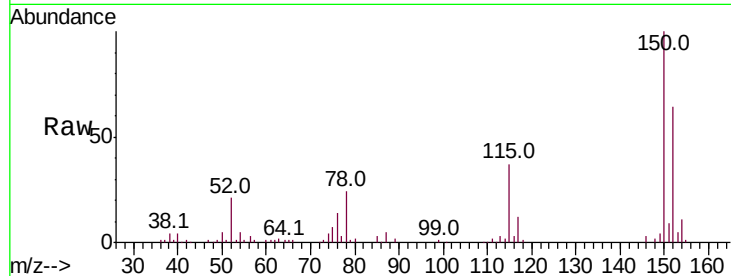


#1

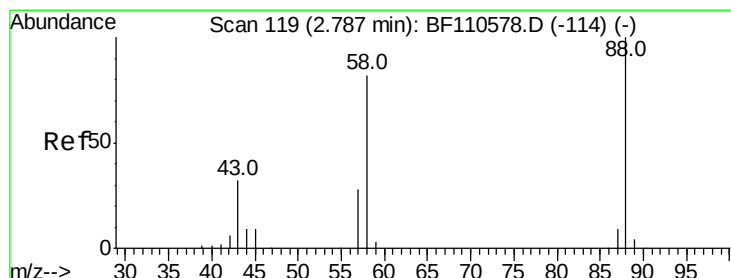
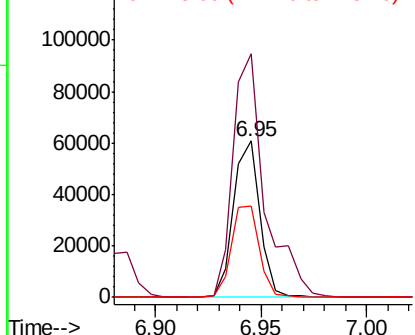
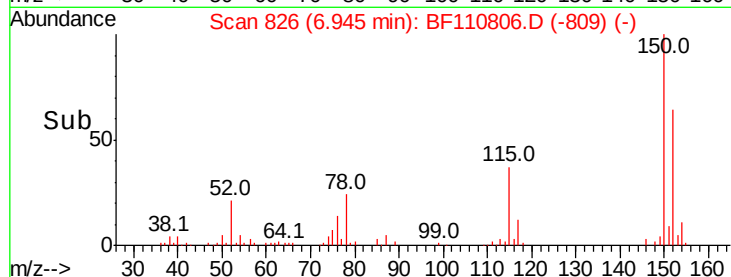
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 52050  
Ion Ratio Lower Upper  
152 100  
150 155.9 122.7 184.1  
115 58.2 49.1 73.7



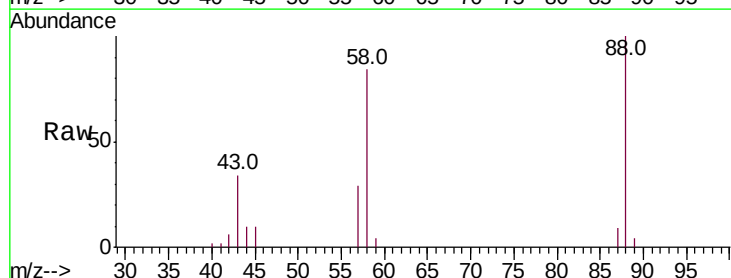
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



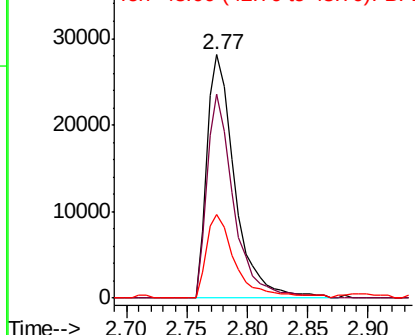
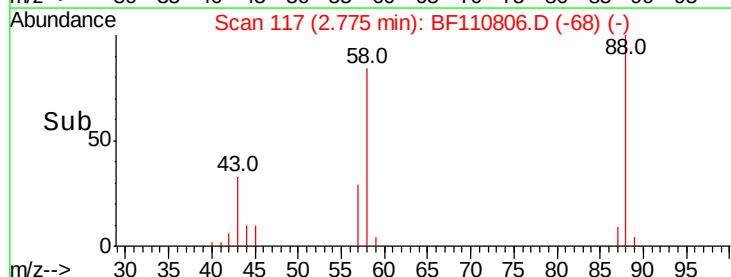
#2

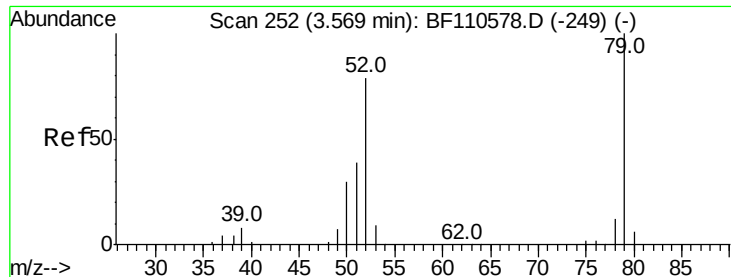
1,4-Dioxane  
Concen: 28.054 ng  
RT: 2.77 min Scan# 117  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion: 88 Resp: 44791  
Ion Ratio Lower Upper  
88 100  
58 80.5 57.1 85.7  
43 35.3 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: 28.387 ng

RT: 3.57 min Scan# 252

Delta R.T. -0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

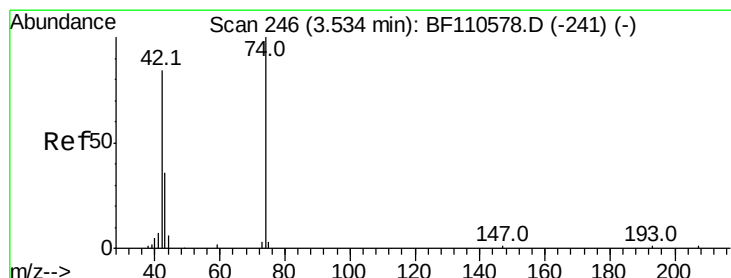
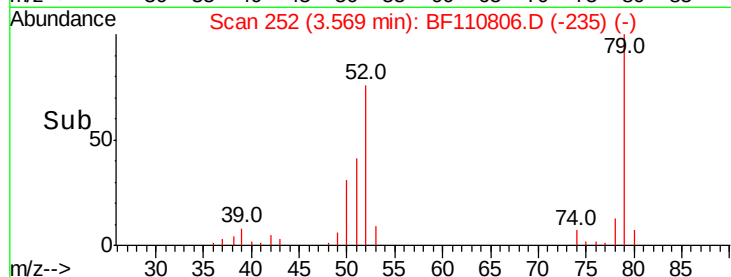
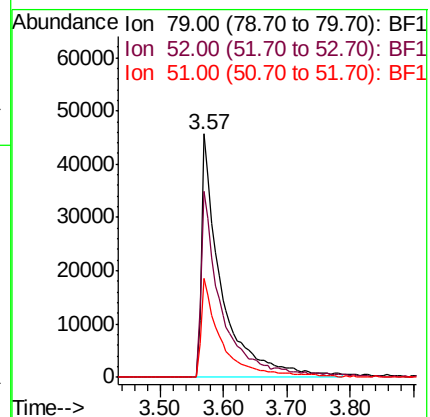
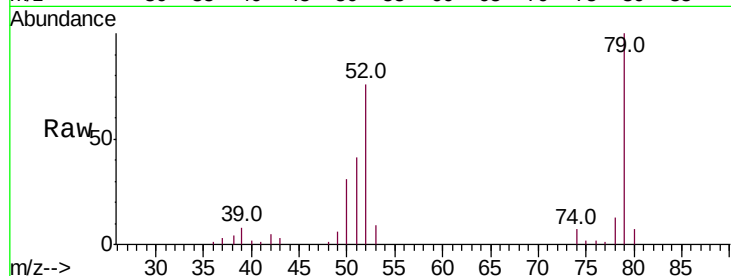
Tot Ion: 79 Resp: 97829

Ion Ratio Lower Upper

79 100

52 76.3 53.1 79.7

51 40.6 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 43.719 ng

RT: 3.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

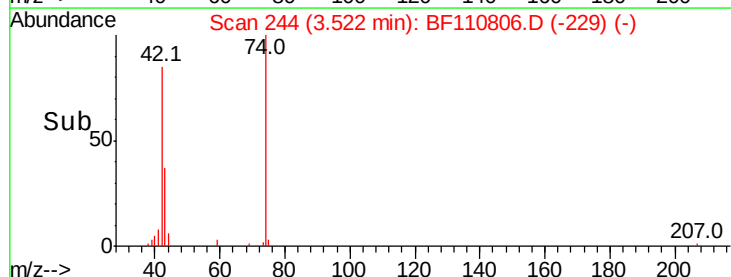
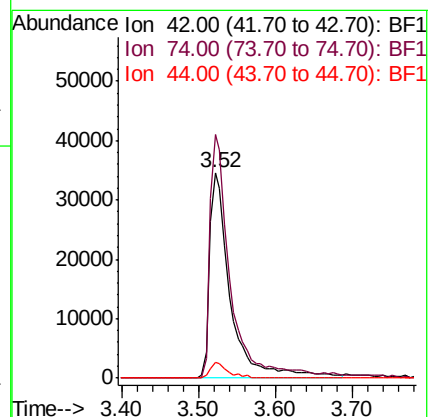
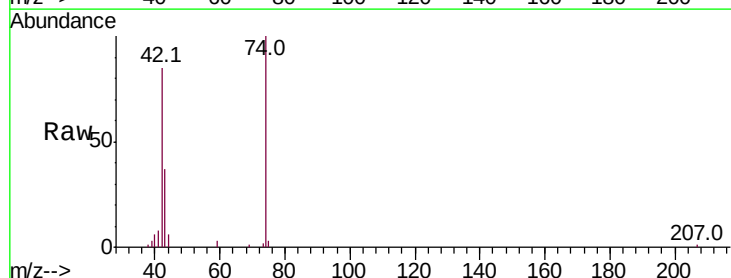
Tgt Ion: 42 Resp: 64649

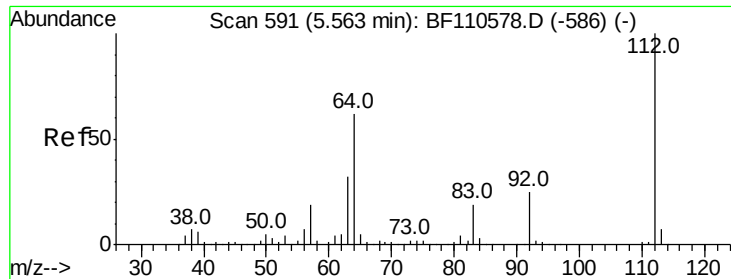
Ion Ratio Lower Upper

42 100

74 118.3 105.5 158.3

44 7.6 4.9 7.3#





#5

2-Fluorophenol

Concen: 114.131 ng

RT: 5.60 min Scan# 598

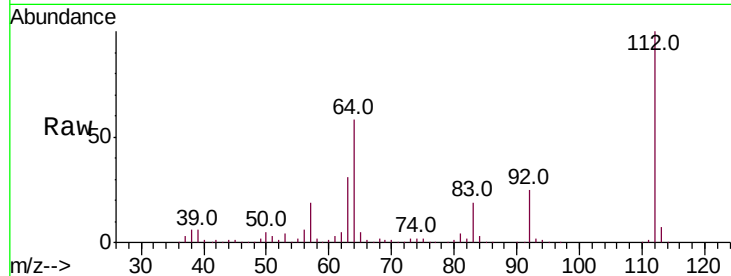
Delta R.T. 0.04 min

Lab File: BF110806.D

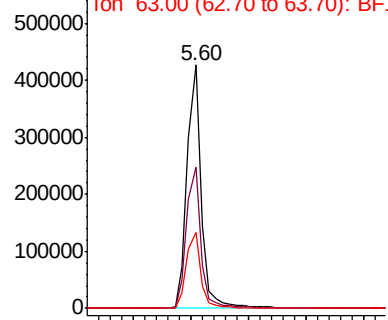
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

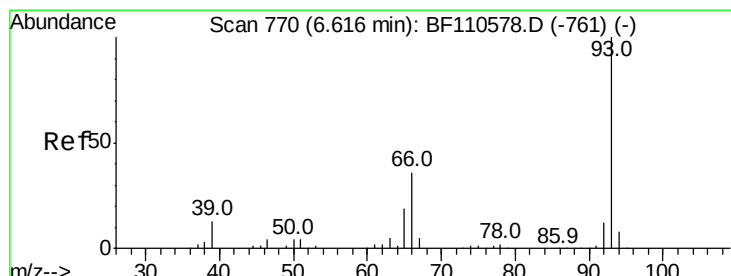
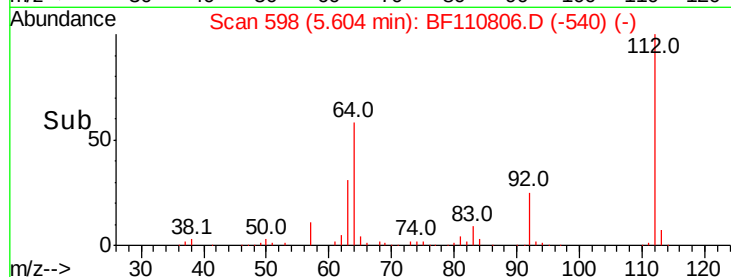
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 365726 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 57.8  | 44.1  | 66.1   |
| 63       | 31.3  | 23.7  | 35.5   |



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



Time-->



#6

Aniline

Concen: 66.621 ng

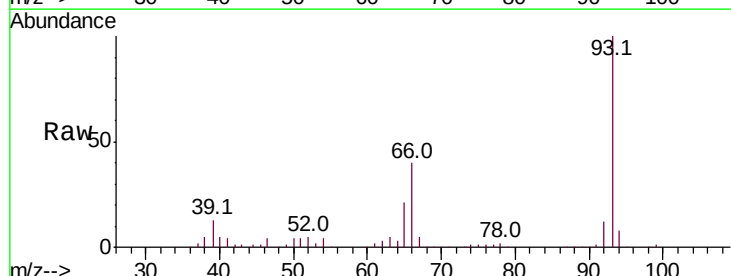
RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

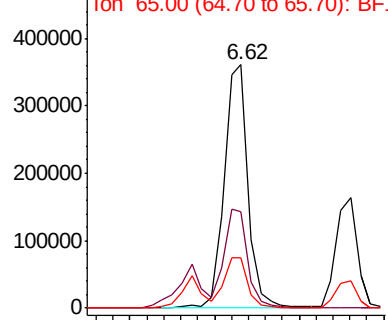
Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

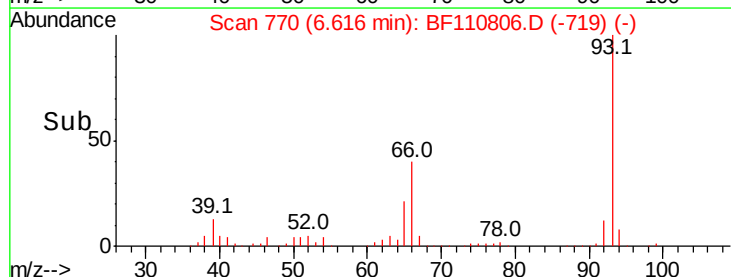
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 356008 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 39.5  | 67.4  | 101.0# |
| 65       | 20.6  | 41.0  | 61.4#  |

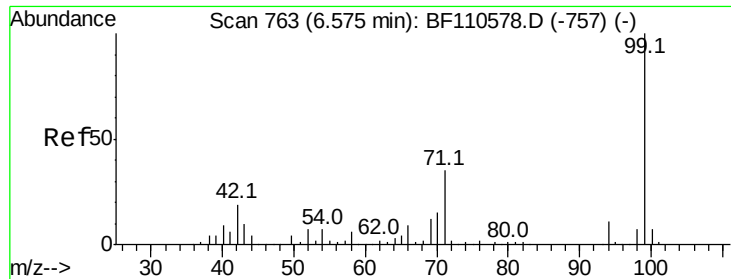


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 74.990 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

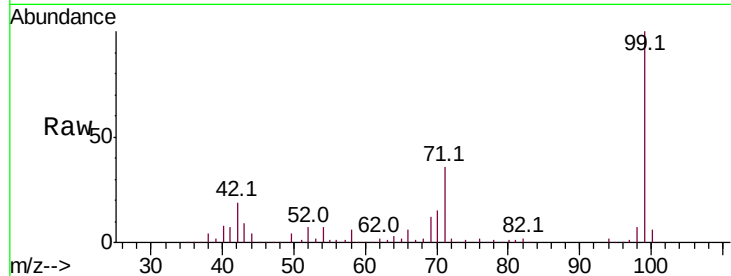
Tot Ion: 99 Resp: 307286

Ion Ratio Lower Upper

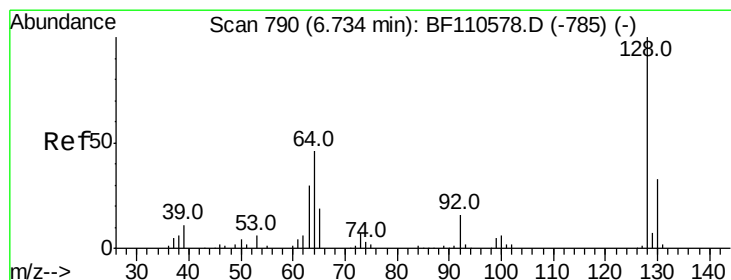
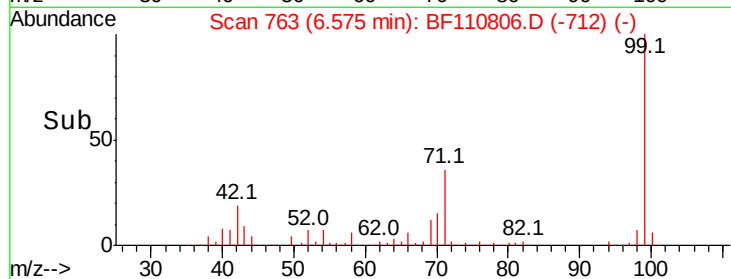
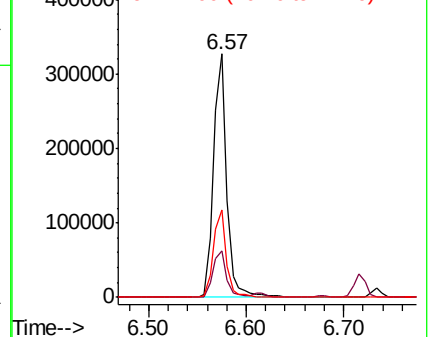
99 100

42 18.9 15.8 23.6

71 35.7 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: 43.805 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

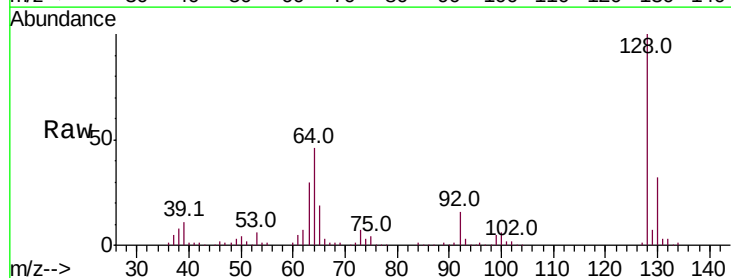
Tgt Ion: 128 Resp: 164554

Ion Ratio Lower Upper

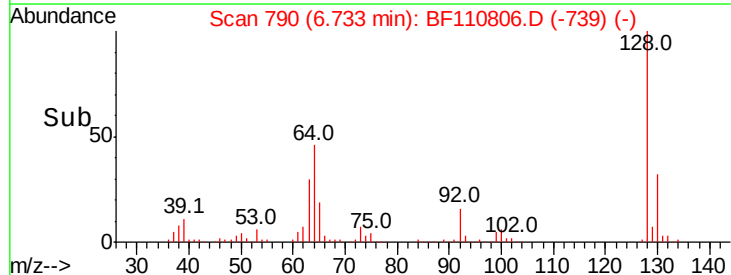
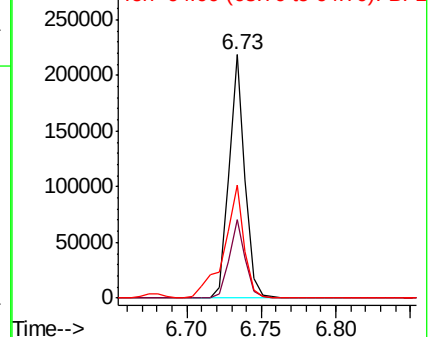
128 100

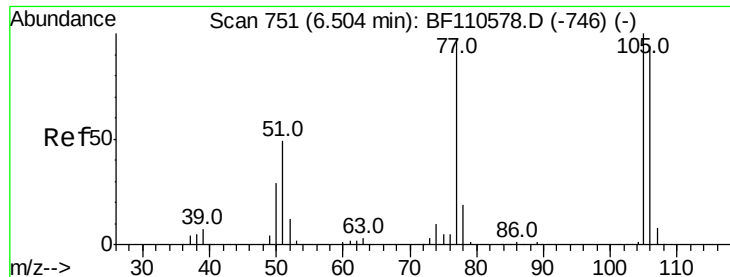
130 32.0 13.1 53.1

64 46.2 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: 11.364 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

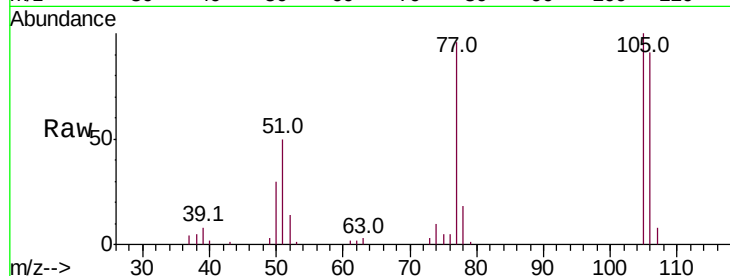
Tot Ion: 77 Resp: 31236

Ion Ratio Lower Upper

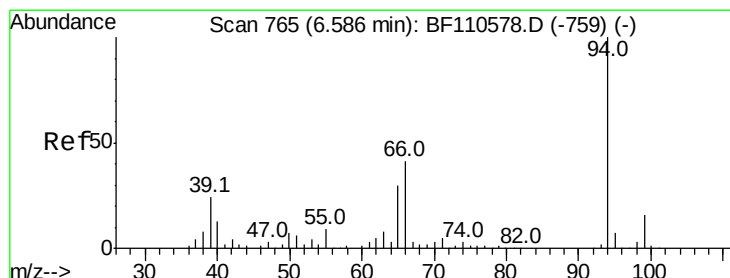
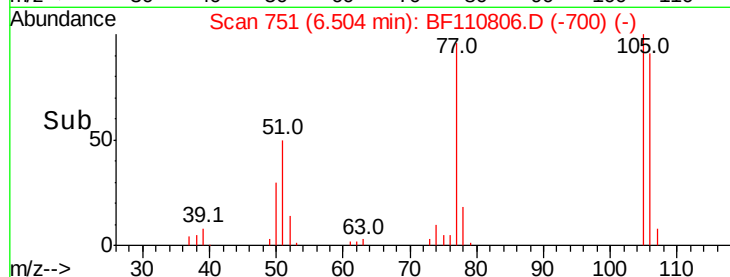
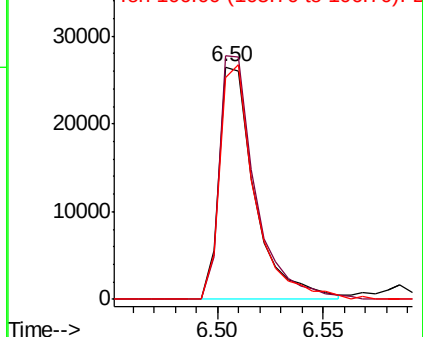
77 100

105 104.7 78.6 118.6

106 95.4 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: 26.576 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

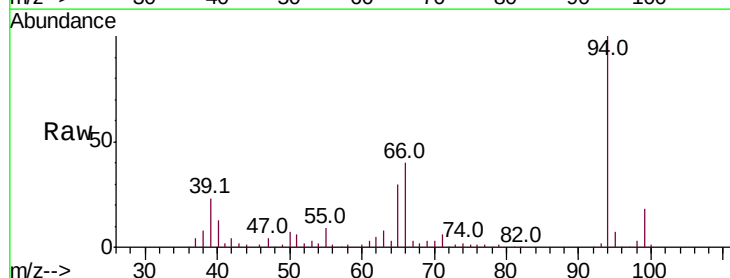
Tgt Ion: 94 Resp: 126273

Ion Ratio Lower Upper

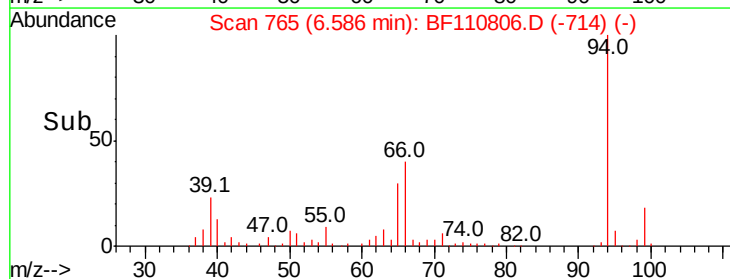
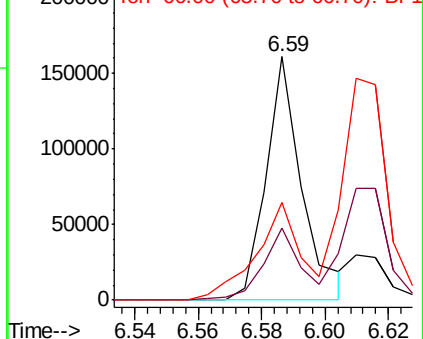
94 100

65 29.7 25.3 65.3

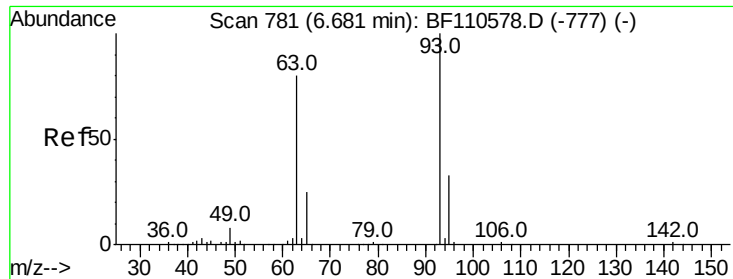
66 40.3 54.5 94.5#



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



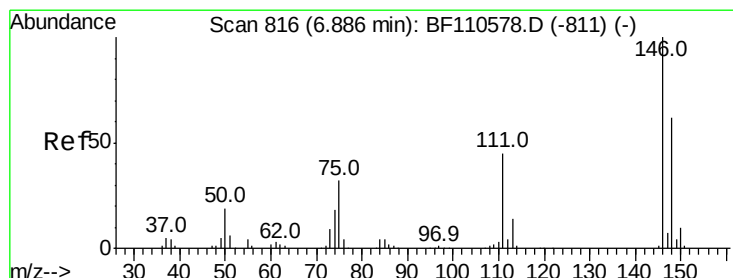
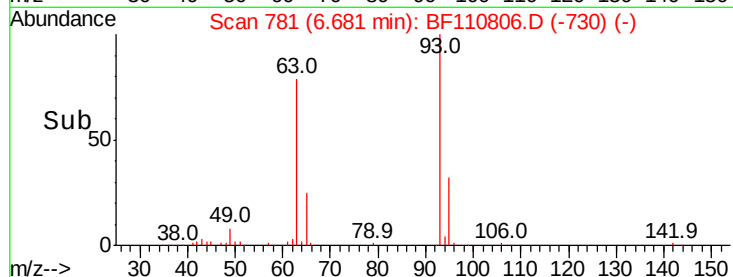
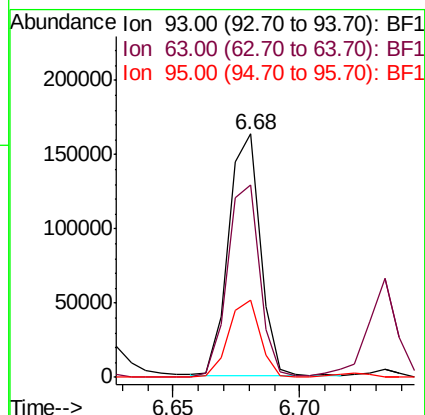
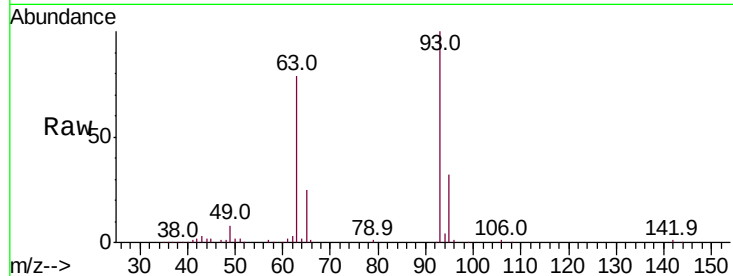




#11  
bis(2-Chloroethyl)ether  
Concen: 39.764 ng  
RT: 6.68 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

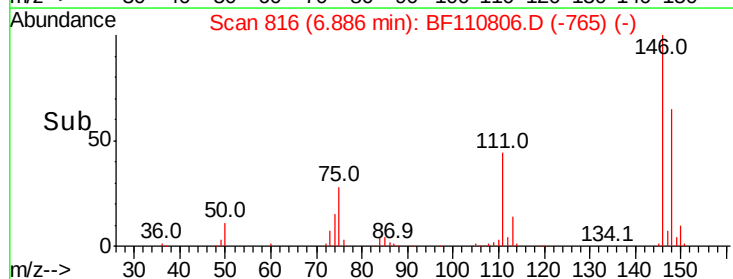
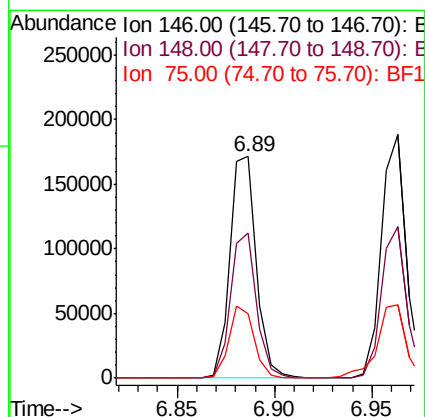
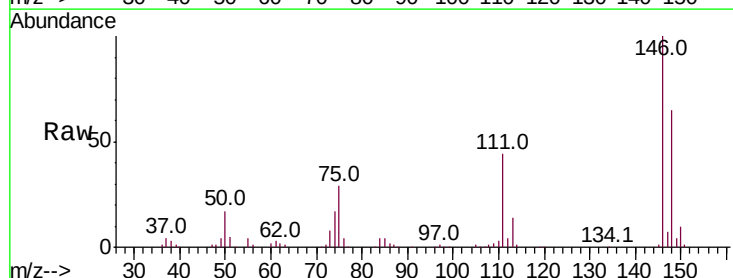
Instrument :  
BNA\_F  
ClientSampleId :

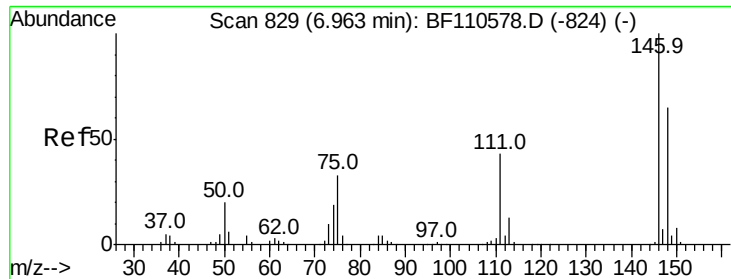
Tot Ion: 93 Resp: 141593  
Ion Ratio Lower Upper  
93 100  
63 79.1 53.4 93.4  
95 31.8 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 39.209 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion: 146 Resp: 161155  
Ion Ratio Lower Upper  
146 100  
148 65.5 50.4 75.6  
75 29.1 25.8 38.6

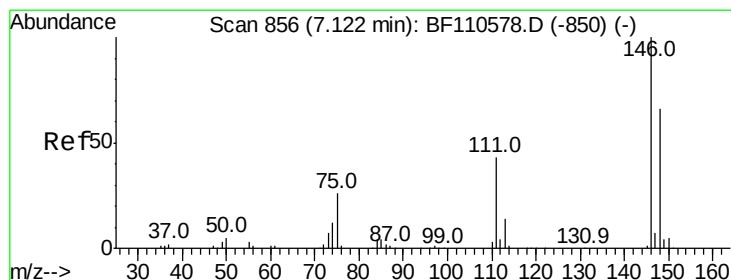
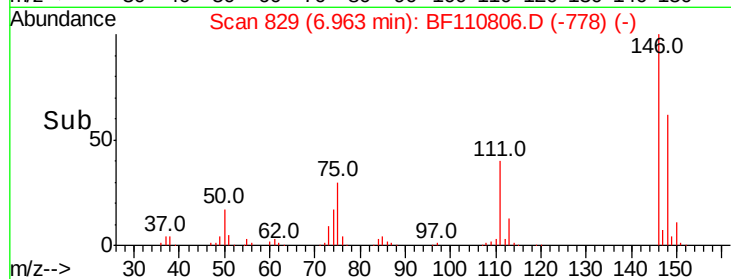
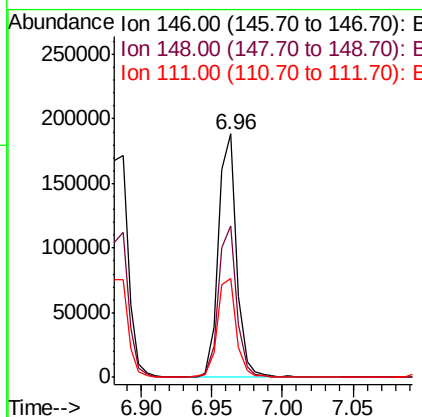
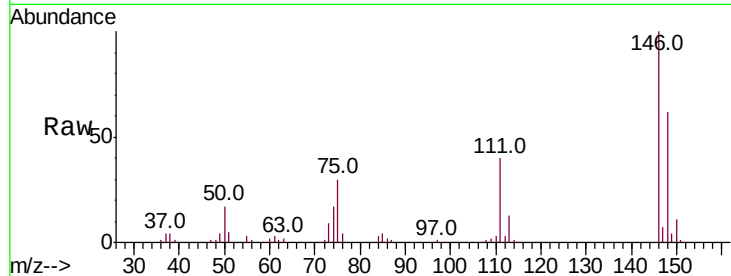




#13  
 1,4-Dichlorobenzene  
 Concen: 40.211 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

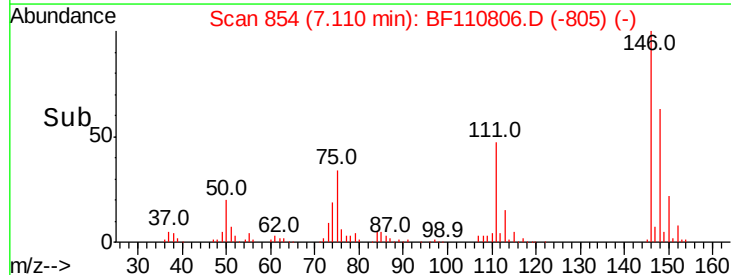
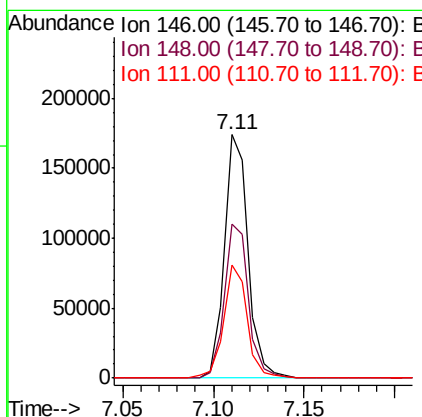
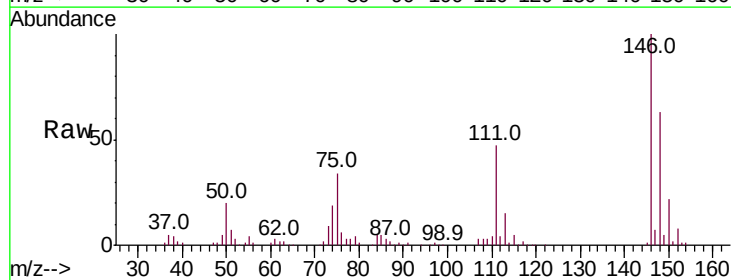
Instrument :  
 BNA\_F  
 ClientSampled :

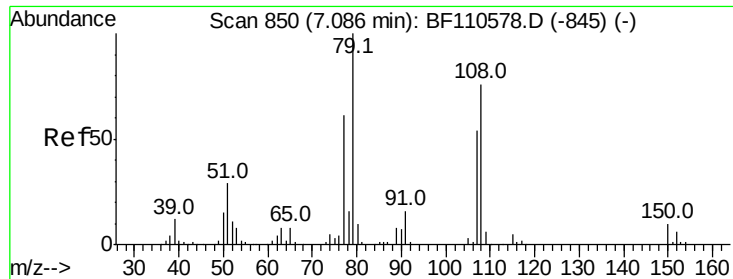
Tot Ion:146 Resp: 167832  
 Ion Ratio Lower Upper  
 146 100  
 148 62.5 50.3 75.5  
 111 40.4 32.7 49.1



#14  
 1,2-Dichlorobenzene  
 Concen: 40.731 ng  
 RT: 7.11 min Scan# 854  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:146 Resp: 158148  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 51.1 76.7  
 111 46.6 35.8 53.6

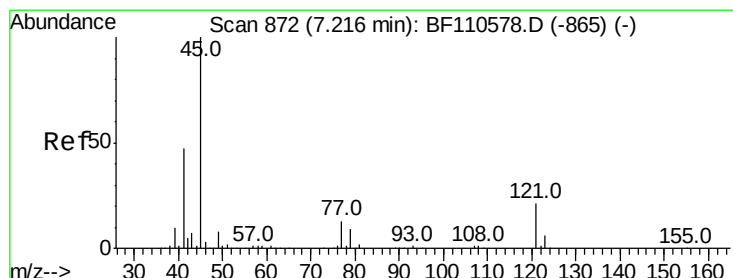
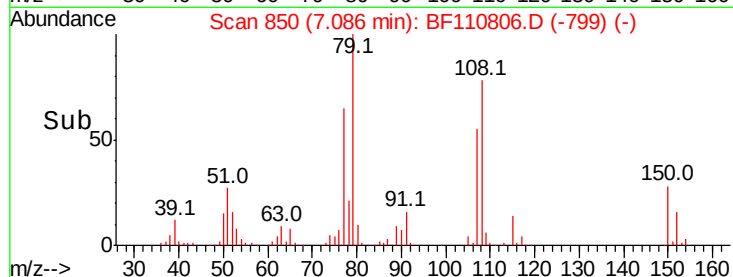
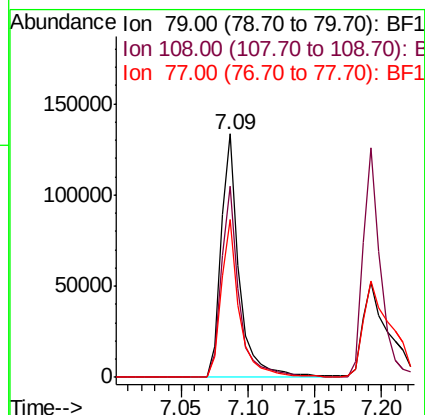
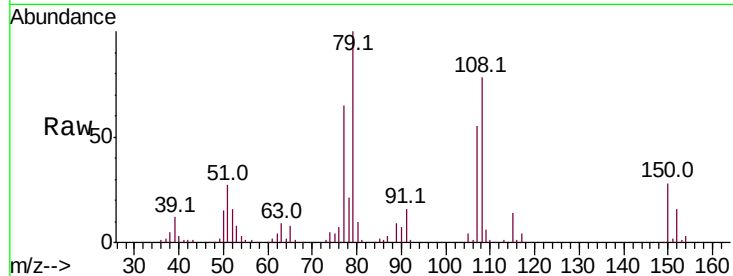




#15  
Benzyl Alcohol  
Concen: 39.923 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

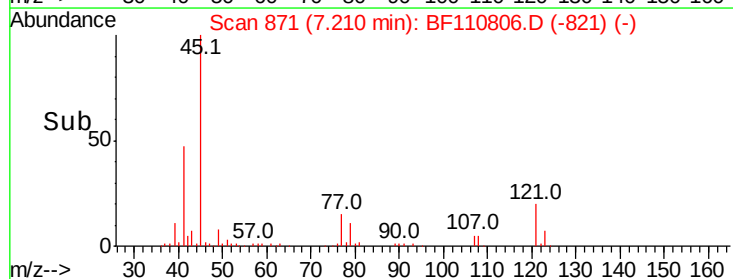
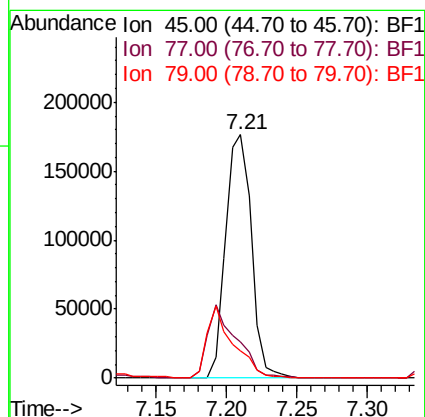
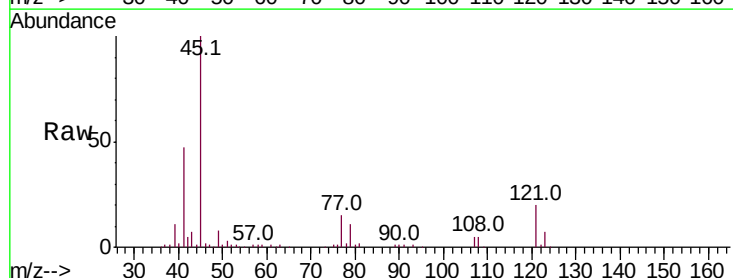
Instrument :  
BNA\_F  
ClientSampleId :

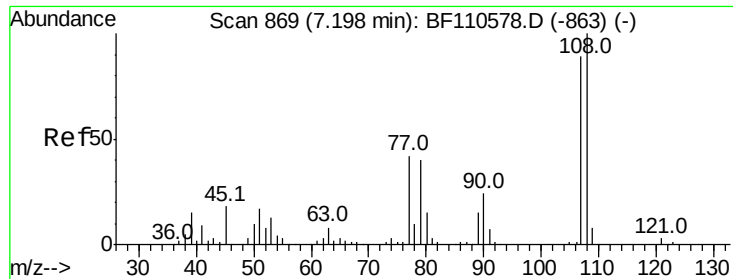
Tot Ion: 79 Resp: 128021  
Ion Ratio Lower Upper  
79 100  
108 78.3 56.3 84.5  
77 64.6 52.9 79.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.961 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion: 45 Resp: 223462  
Ion Ratio Lower Upper  
45 100  
77 14.7 10.0 50.0  
79 11.3 6.1 46.1

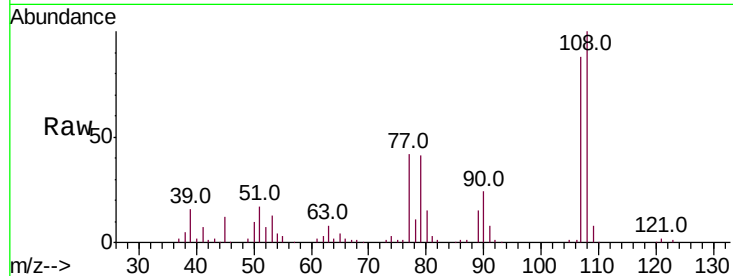




#17  
2-Methylphenol  
Concen: 34.409 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 102872 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 92.6  | 138.8  |
| 77       | 47.5  | 59.4  | 89.2#  |
| 79       | 46.6  | 54.0  | 81.0#  |



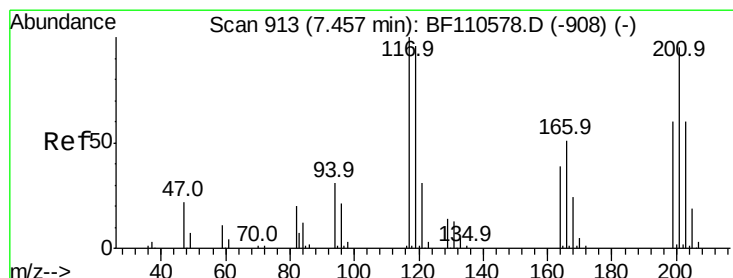
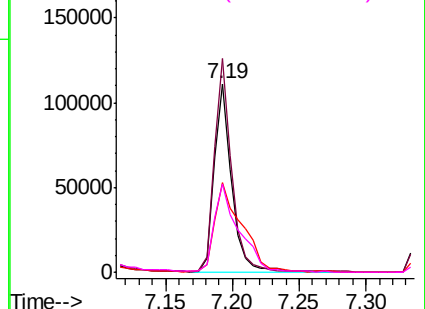
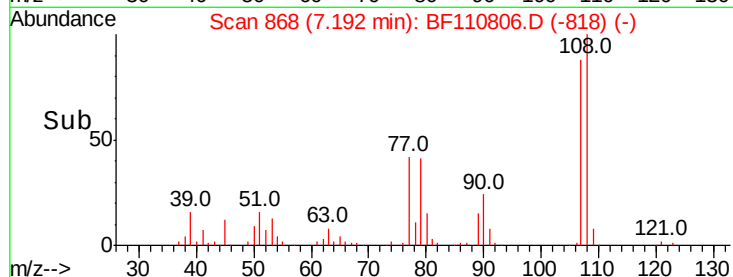
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

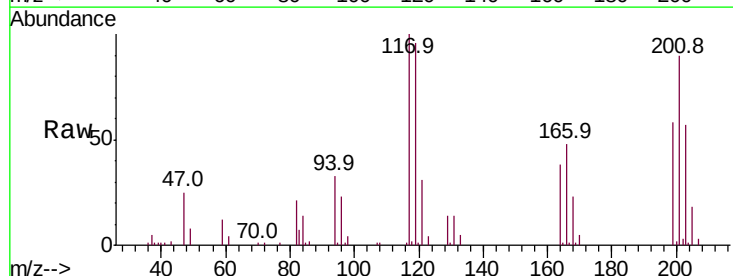
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 30.579 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 47118 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.9  | 75.0  | 112.6 |
| 201      | 90.0  | 79.2  | 118.8 |

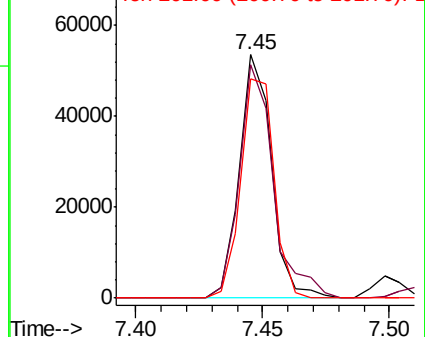
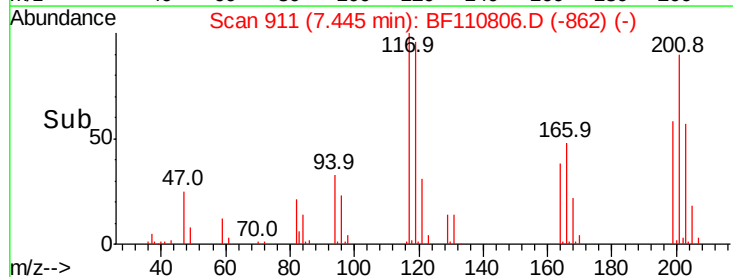


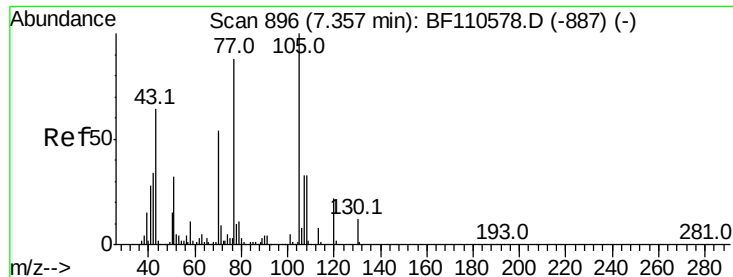
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.352 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 108164

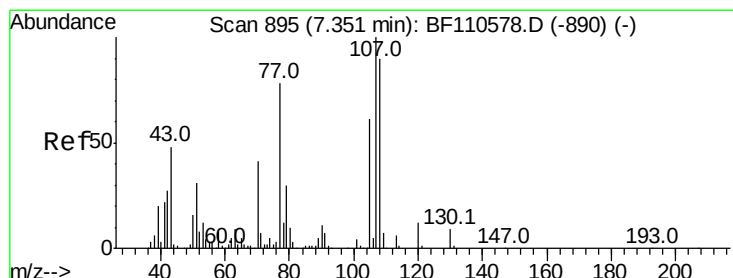
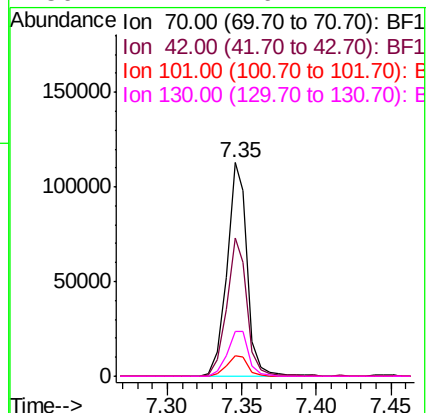
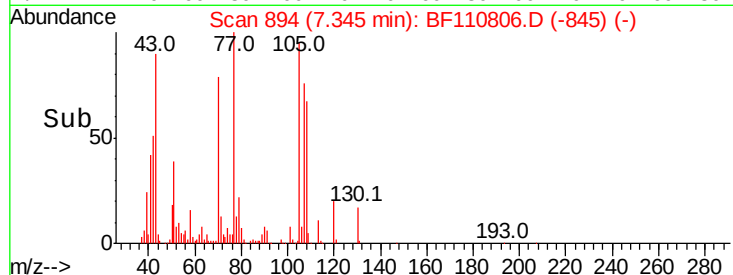
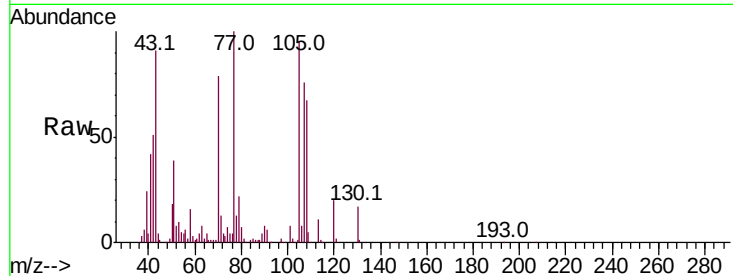
Ion Ratio Lower Upper

70 100

42 64.5 47.4 71.2

101 9.8 7.3 10.9

130 21.2 16.2 24.2



#20

3+4-Methylphenols

Concen: 33.298 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Tgt Ion: 107 Resp: 127791

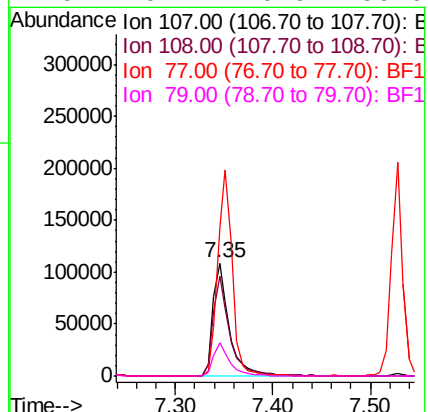
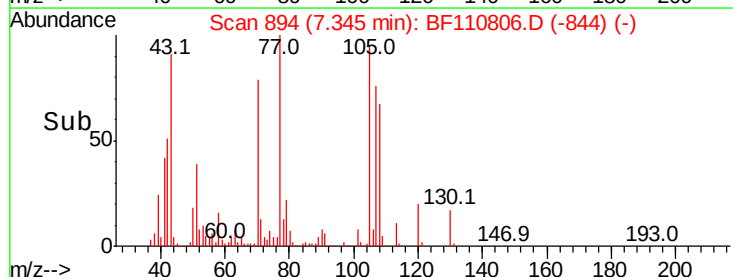
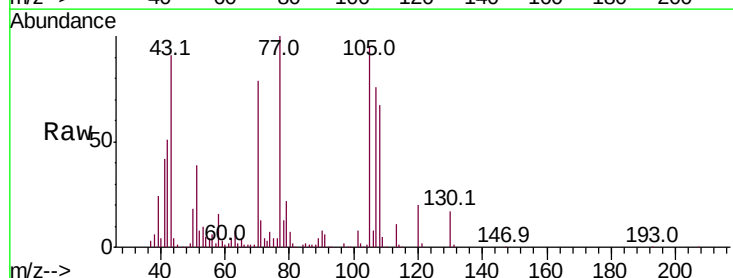
Ion Ratio Lower Upper

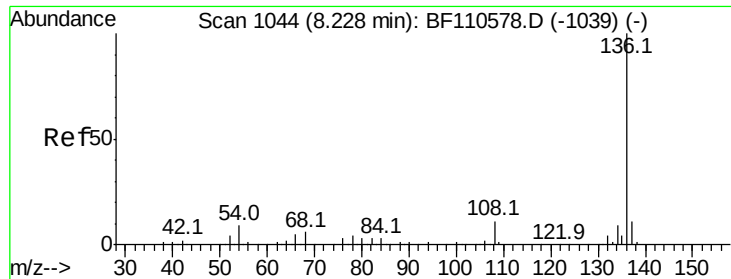
107 100

108 87.9 71.4 111.4

77 131.0 47.3 87.3#

79 29.1 10.9 50.9

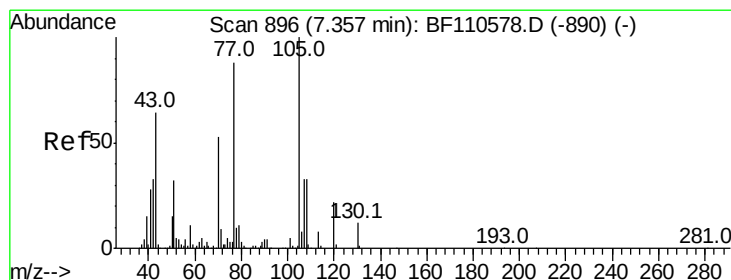
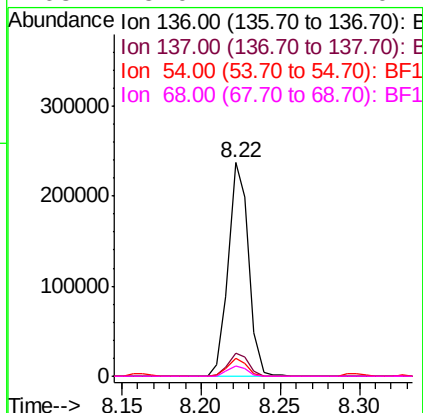
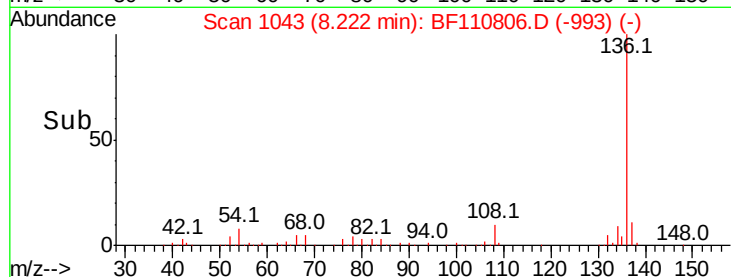
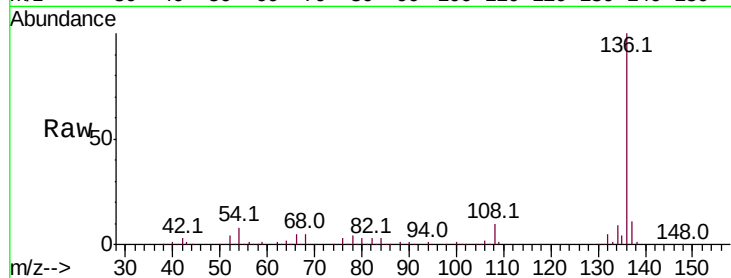




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

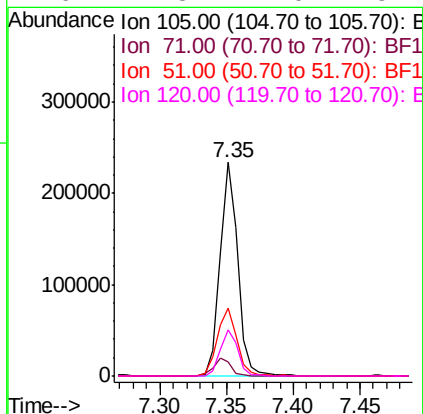
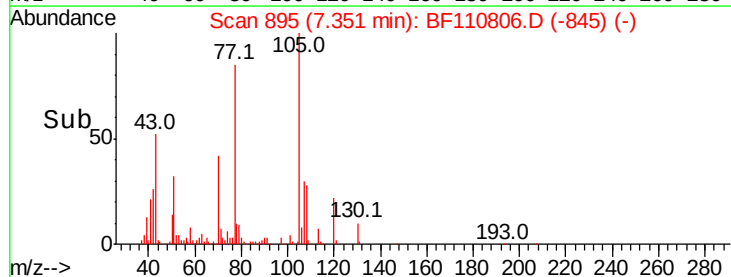
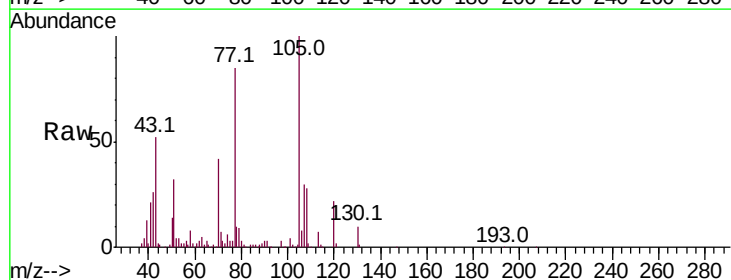
Instrument :  
BNA\_F  
ClientSampleId :

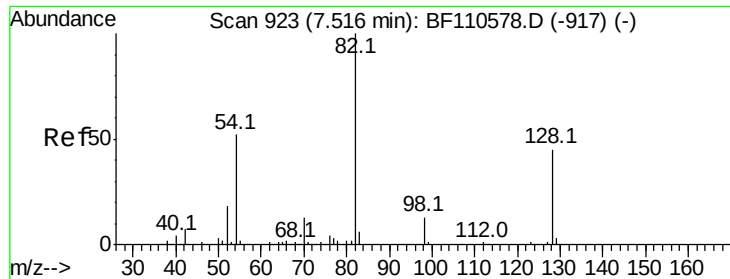
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 209560 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.8   | 13.2   |
| 54       | 8.2   | 5.4   | 8.2#   |
| 68       | 5.0   | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 44.965 ng  
RT: 7.35 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 219604 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.5   | 5.2   | 7.8    |
| 51       | 31.8  | 21.8  | 32.8   |
| 120      | 21.8  | 17.0  | 25.4   |

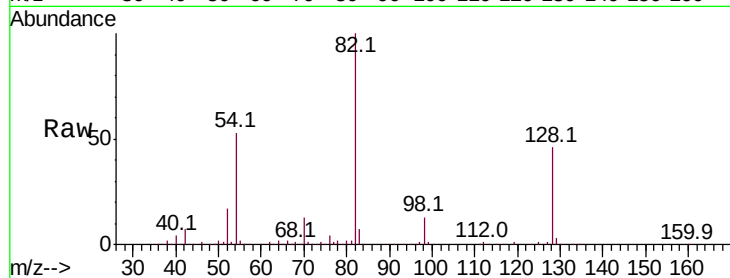




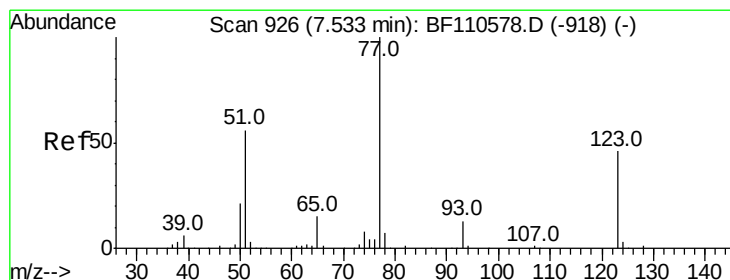
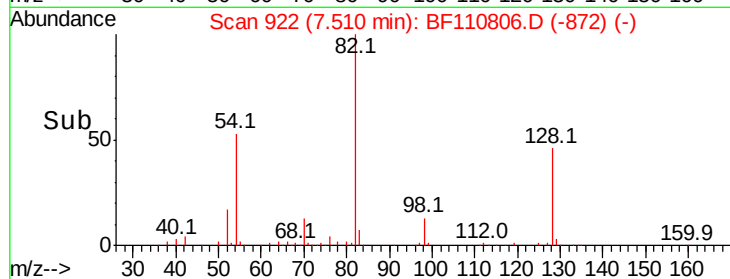
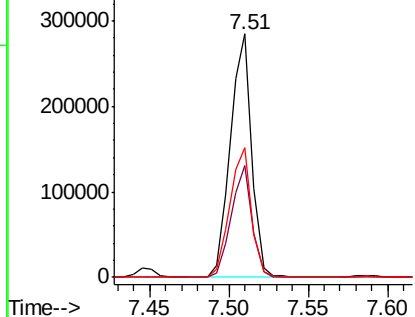
#23  
 Nitrobenzene-d5  
 Concen: 72.931 ng  
 RT: 7.51 min Scan# 922  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampleID :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 265385 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.9  | 34.2  | 51.2   |
| 54       | 53.0  | 38.6  | 58.0   |

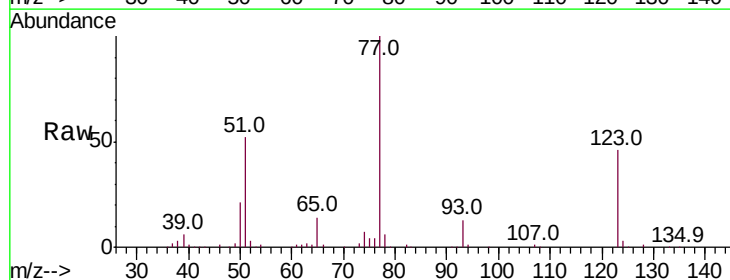


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

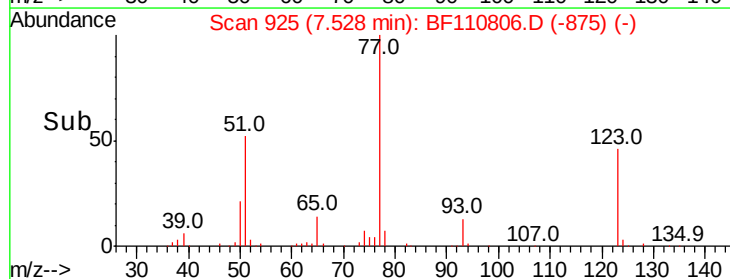
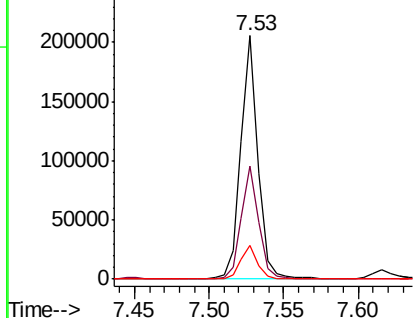


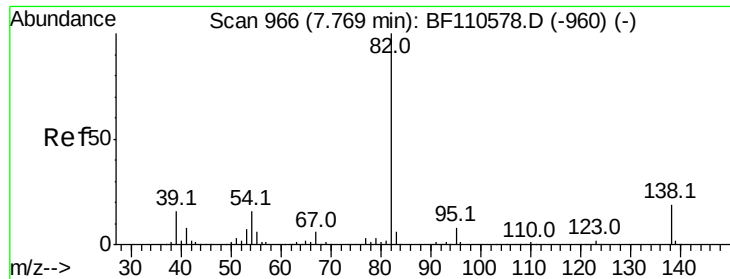
#24  
 Nitrobenzene  
 Concen: 44.491 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 165874 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 46.2  | 35.7  | 53.5   |
| 65       | 13.9  | 10.7  | 16.1   |



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





#25

Isophorone

Concen: 48.552 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

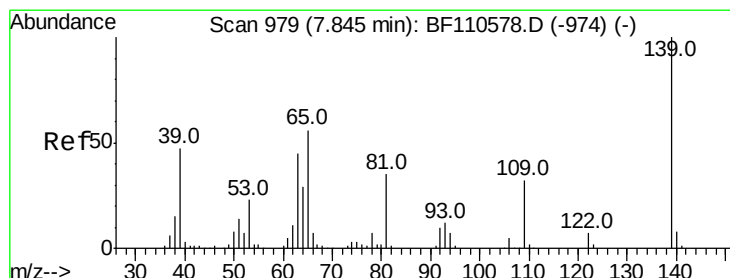
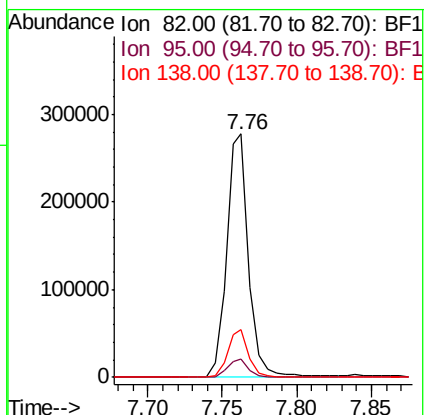
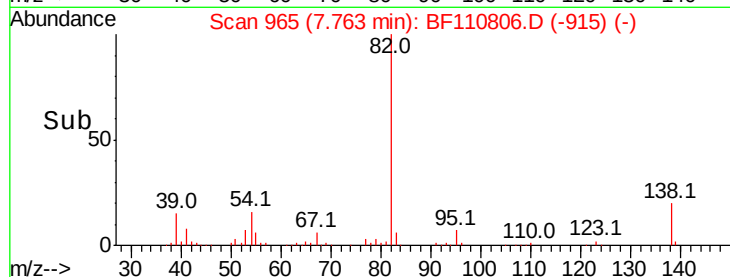
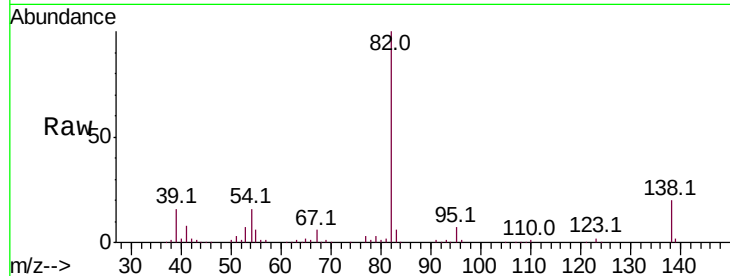
Tot Ion: 82 Resp: 289570

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 19.5 13.2 19.8



#26

2-Nitrophenol

Concen: 40.511 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

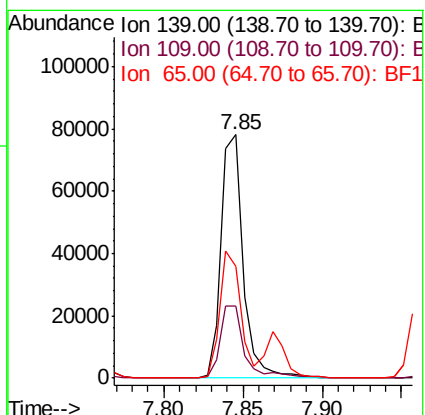
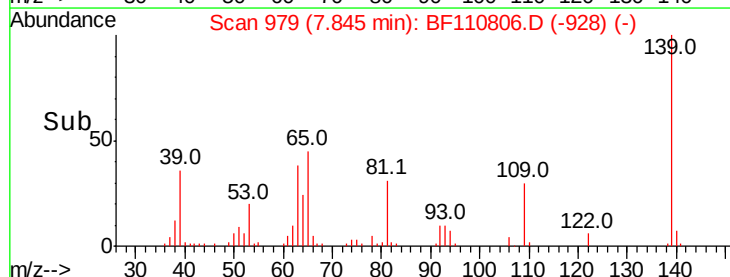
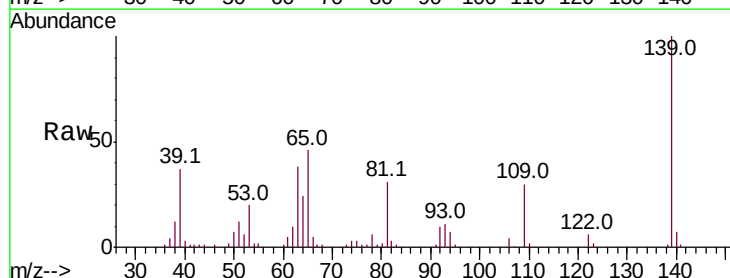
Tgt Ion: 139 Resp: 75348

Ion Ratio Lower Upper

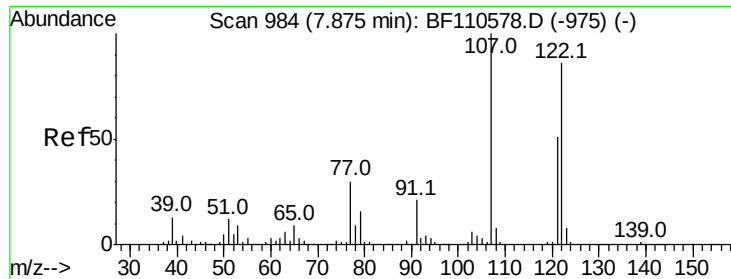
139 100

109 29.9 25.0 37.6

65 46.1 44.0 66.0



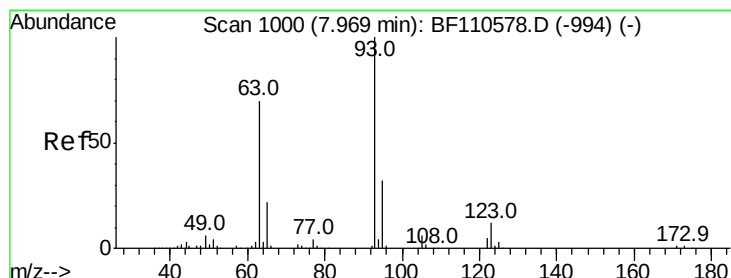
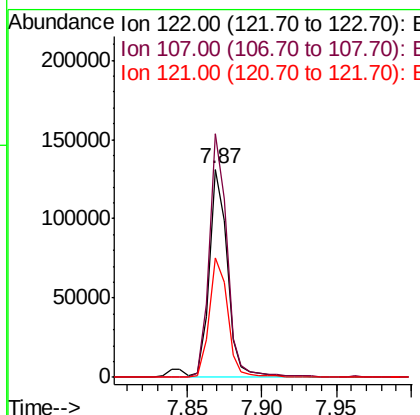
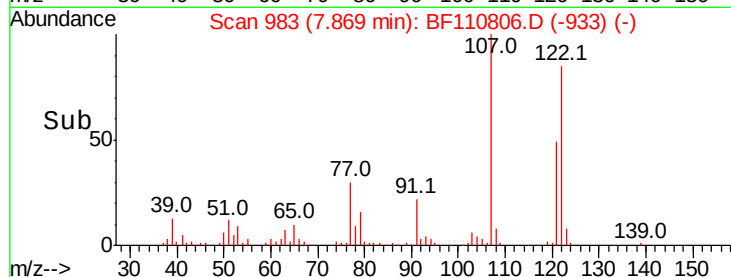
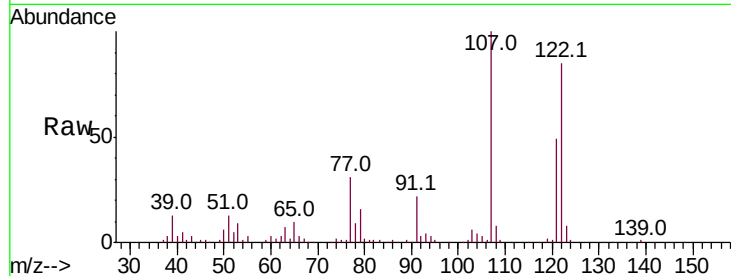




#27  
2,4-Dimethylphenol  
Concen: 39.147 ng  
RT: 7.87 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

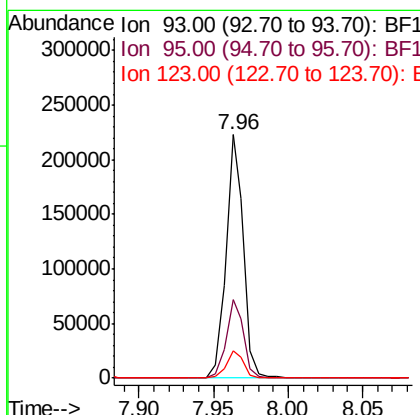
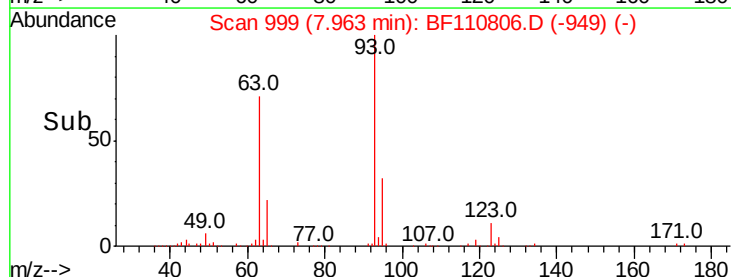
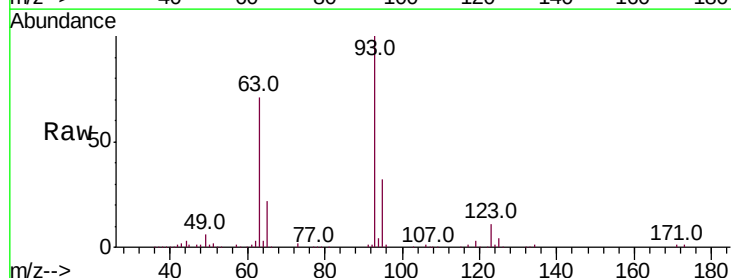
Instrument :  
BNA\_F  
ClientSampleId :

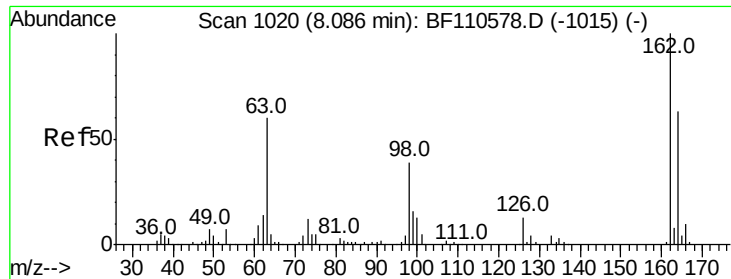
Tot Ion:122 Resp: 110886  
Ion Ratio Lower Upper  
122 100  
107 117.0 92.5 138.7  
121 57.7 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.440 ng  
RT: 7.96 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion: 93 Resp: 183495  
Ion Ratio Lower Upper  
93 100  
95 32.1 26.4 39.6  
123 11.0 9.0 13.6

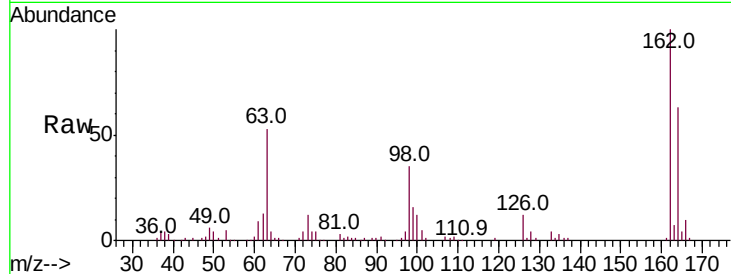




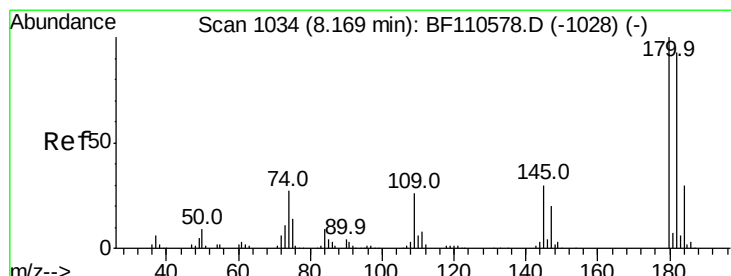
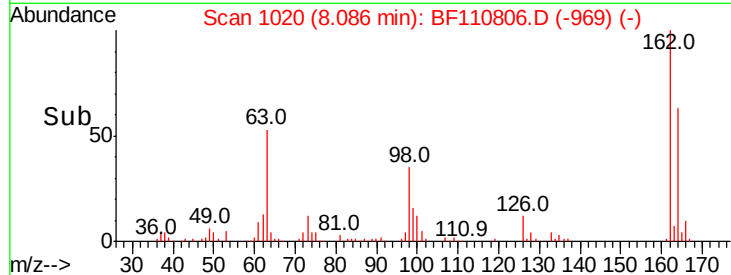
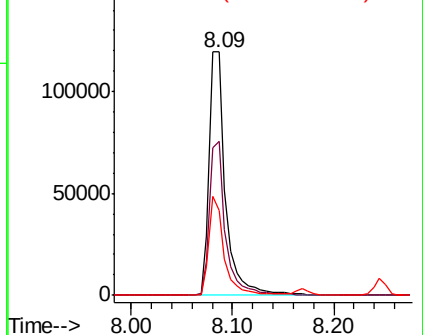
#29  
 2,4-Dichlorophenol  
 Concen: 46.327 ng  
 RT: 8.09 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.4  | 44.6  | 84.6  |
| 98      | 35.0  | 17.4  | 57.4  |

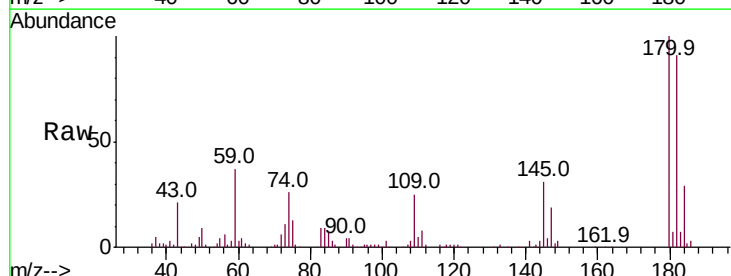


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

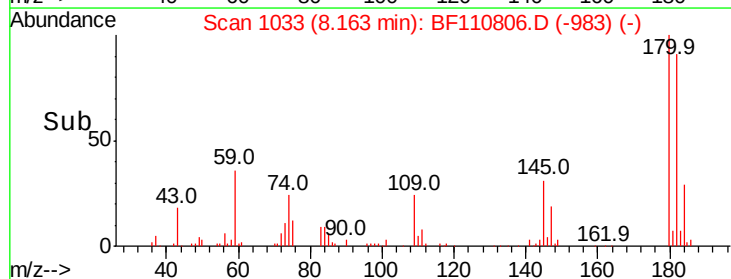
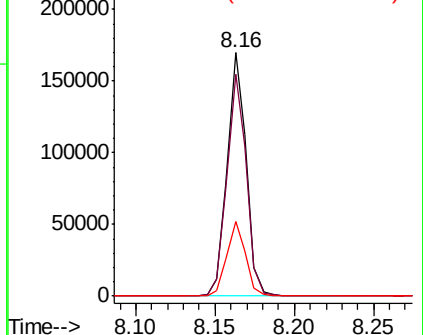


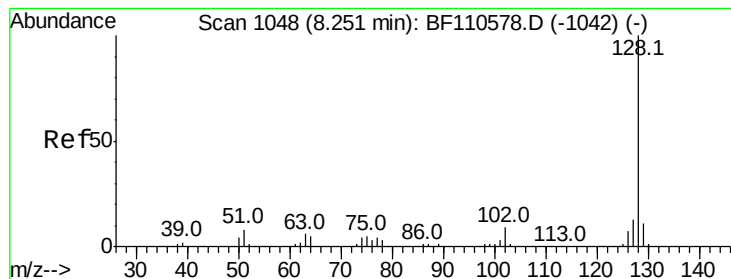
#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.944 ng  
 RT: 8.16 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.3  | 80.3  | 120.5 |
| 145     | 30.7  | 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: 45.758 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

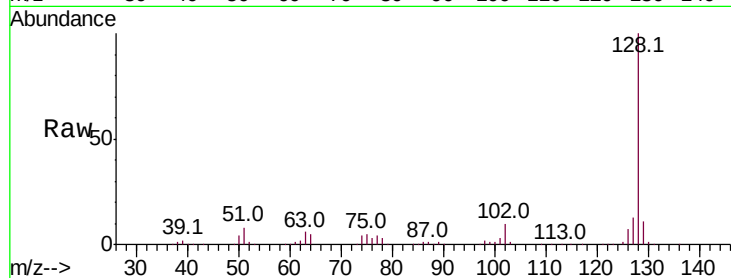
Tot Ion:128 Resp: 450157

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

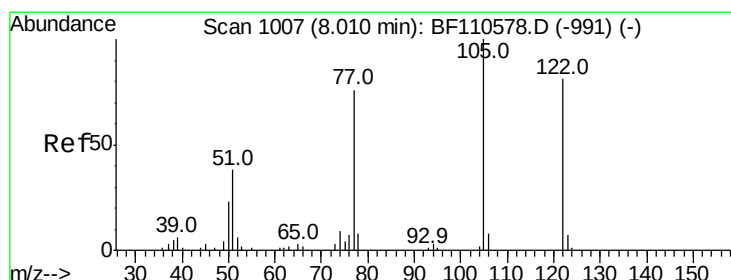
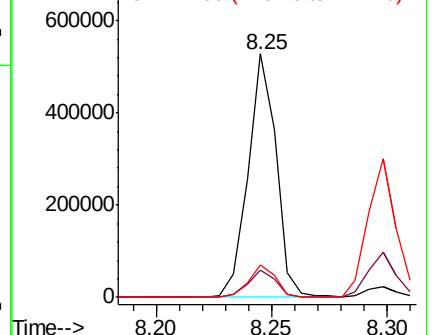
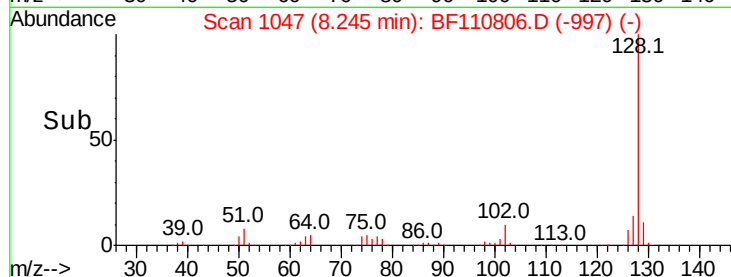
127 13.5 10.8 16.2



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: 55.328 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.14 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

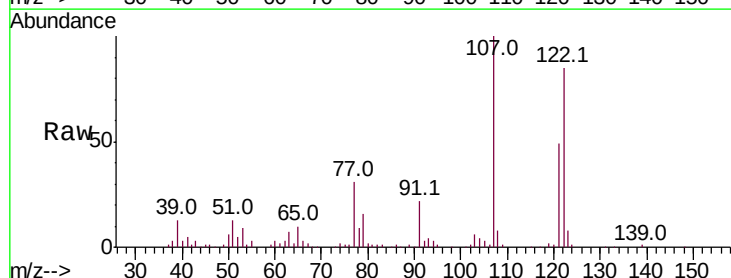
Tgt Ion:122 Resp: 110886

Ion Ratio Lower Upper

122 100

105 4.0 109.0 149.0#

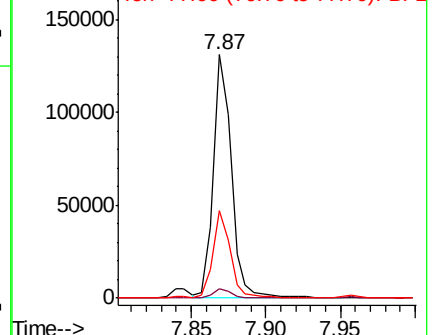
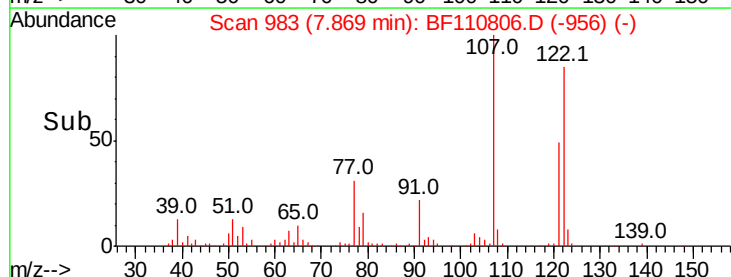
77 36.2 79.0 119.0#

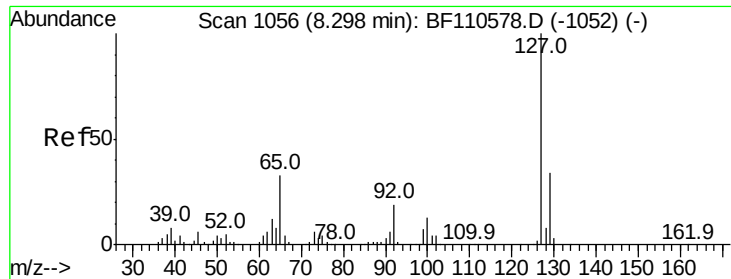


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

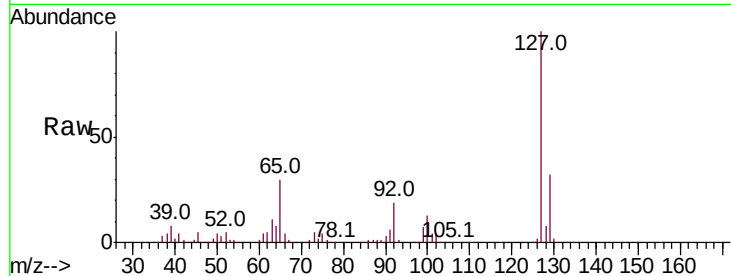




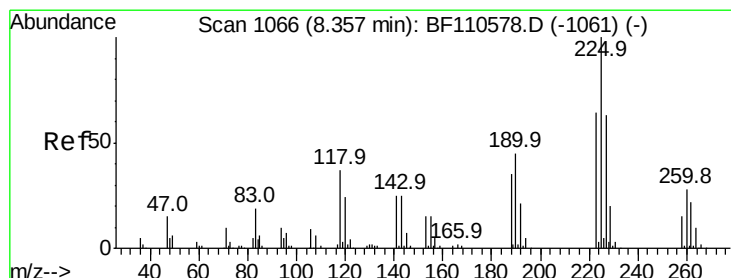
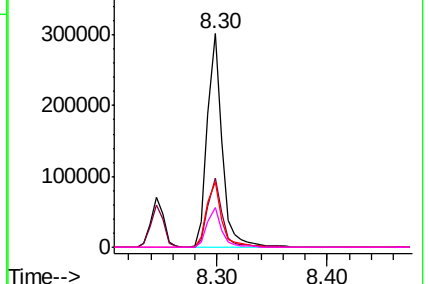
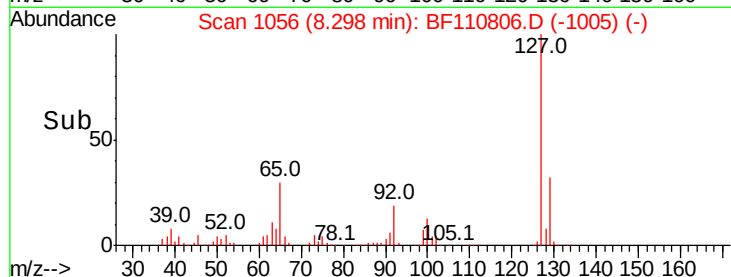
#33  
4-Chloroaniline  
Concen: 61.010 ng  
RT: 8.30 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 271864 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.0  | 39.0   |
| 65       | 30.4  | 25.1  | 37.7   |
| 92       | 18.9  | 15.0  | 22.6   |

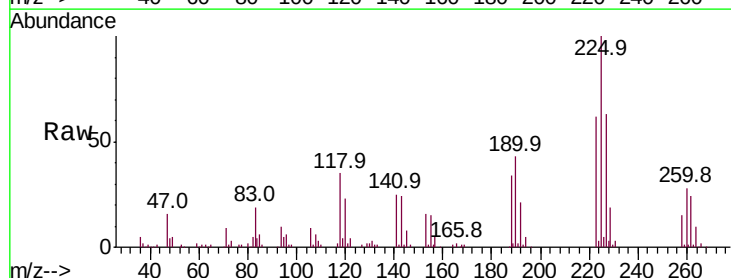


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

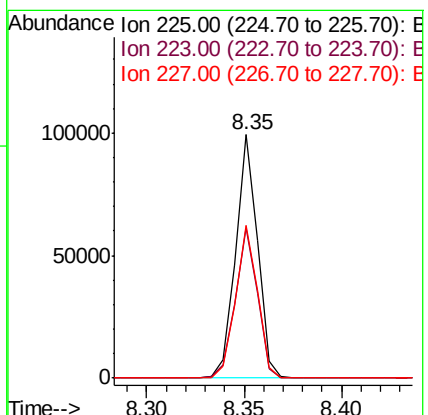
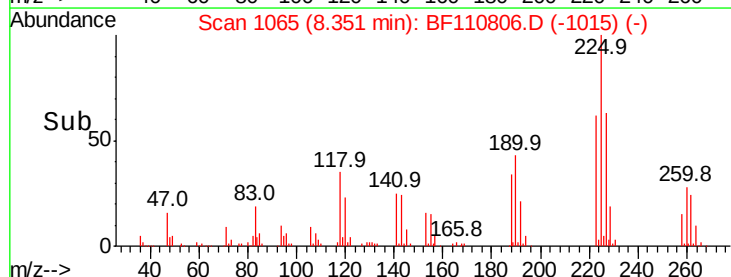


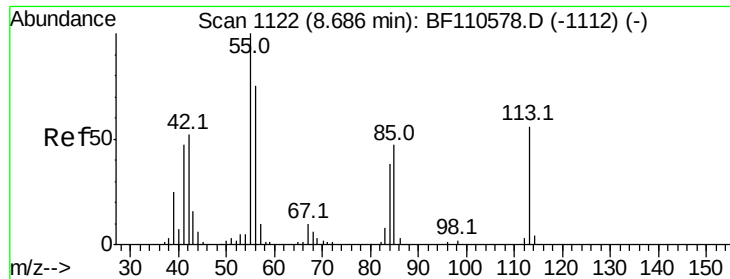
#34  
Hexachlorobutadiene  
Concen: 40.992 ng  
RT: 8.35 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 76941 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.8  | 51.4  | 77.2  |
| 227      | 62.8  | 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

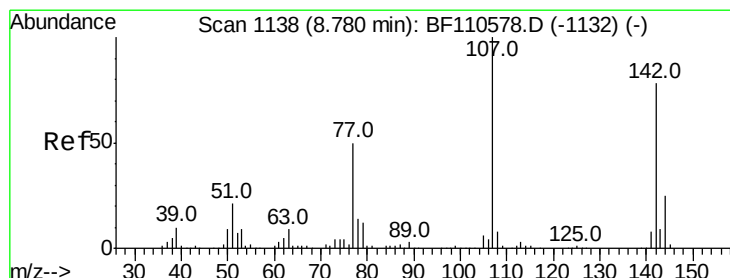
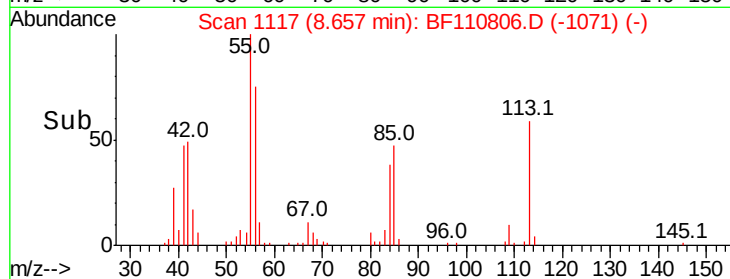
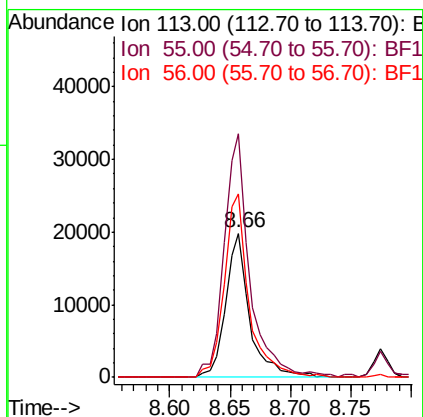
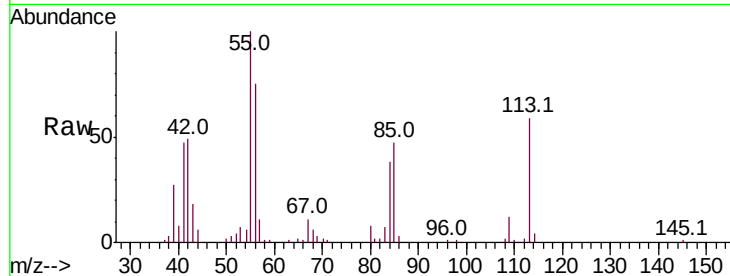




#35  
 Caprolactam  
 Concen: 28.043 ng  
 RT: 8.66 min Scan# 1117  
 Delta R.T. -0.03 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

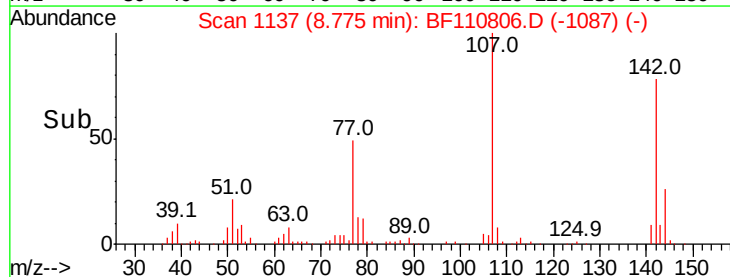
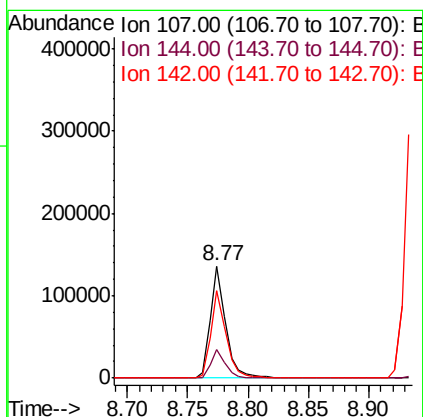
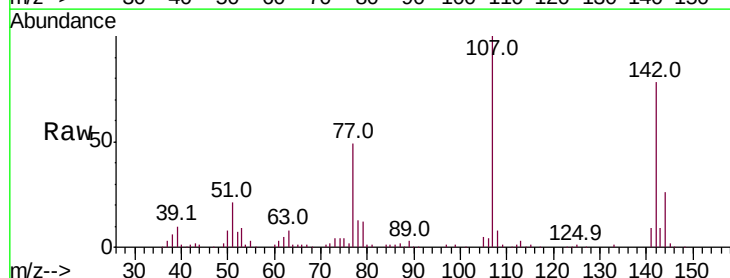
Instrument :  
 BNA\_F  
 ClientSampleId :

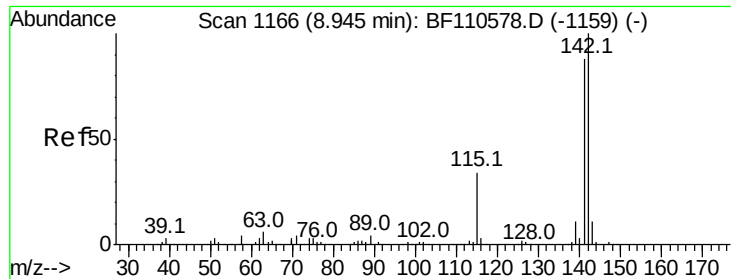
Tot Ion:113 Resp: 27307  
 Ion Ratio Lower Upper  
 113 100  
 55 169.3 142.8 182.8  
 56 127.2 105.0 145.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.936 ng  
 RT: 8.77 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:107 Resp: 119247  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 20.0 30.0  
 142 78.3 59.7 89.5

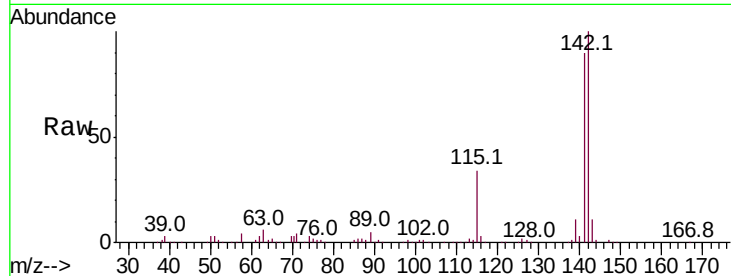




#37  
2-Methylnaphthalene  
Concen: 47.753 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 71.4  | 107.2 |
| 115     | 33.9  | 28.7  | 43.1  |

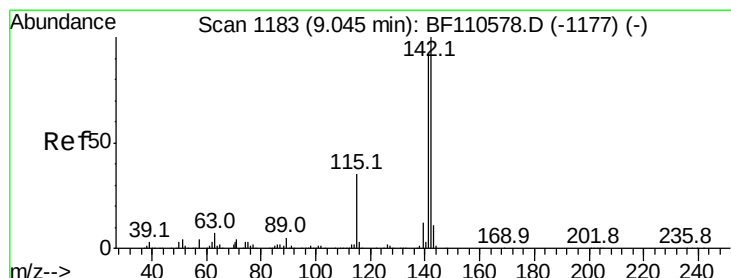
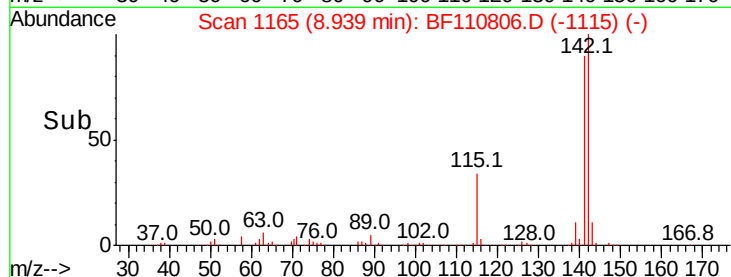
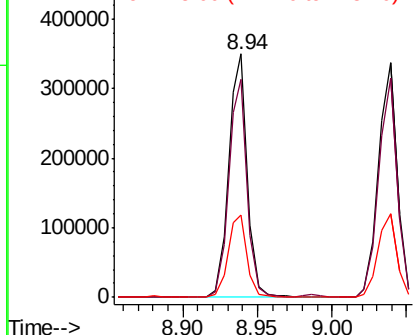


Abundance

Ion 142.00 (141.70 to 142.70): E

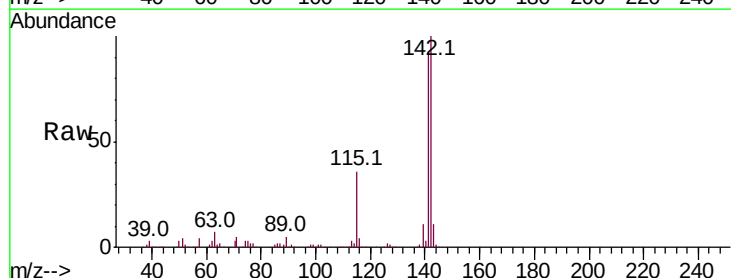
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 46.657 ng  
RT: 9.04 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.5  | 74.2  | 111.4 |
| 116     | 3.8   | 2.6   | 4.0   |

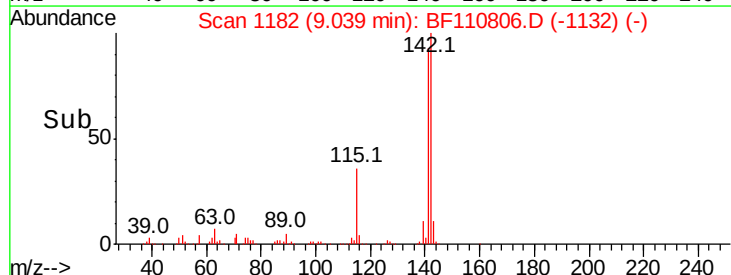
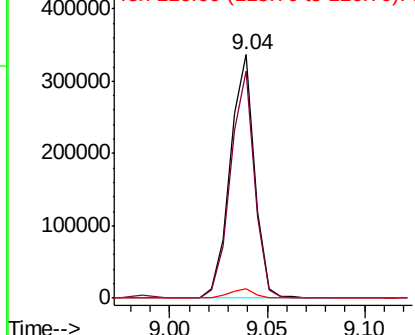


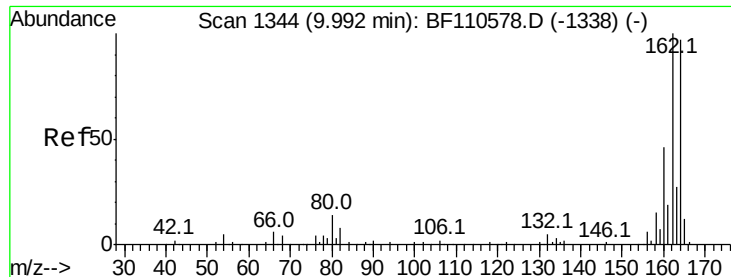
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

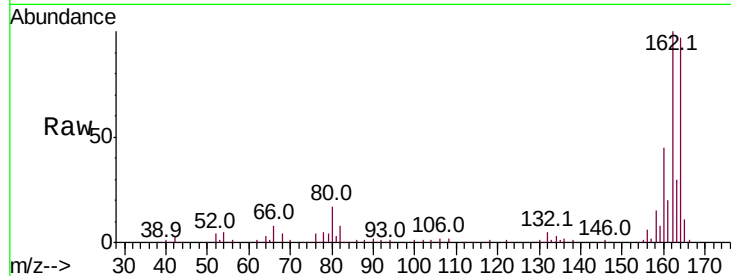




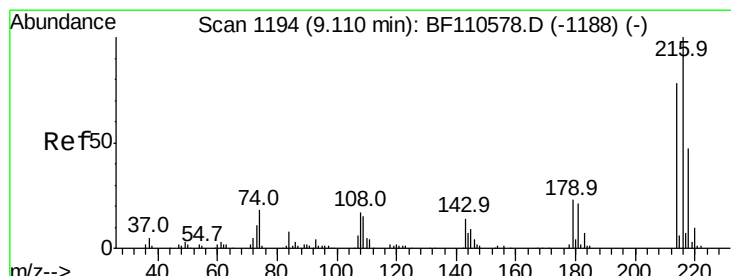
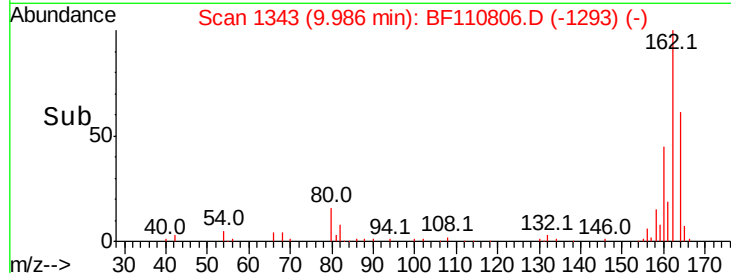
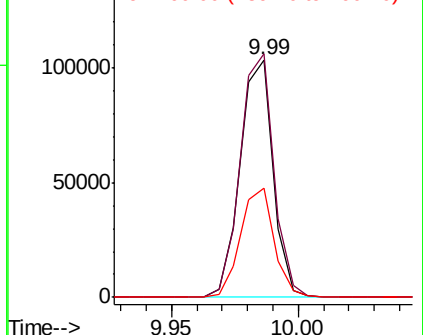
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.99 min Scan# 1343  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:164 Resp: 93463  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 83.0 124.6  
 160 46.2 37.0 55.6



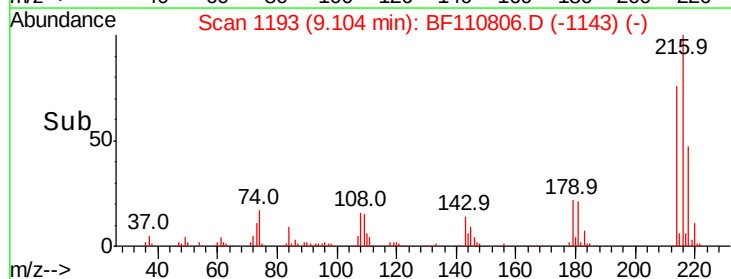
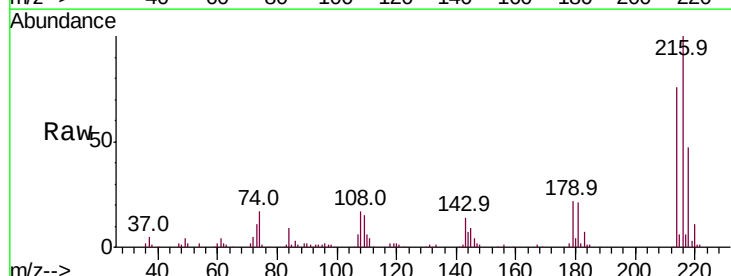
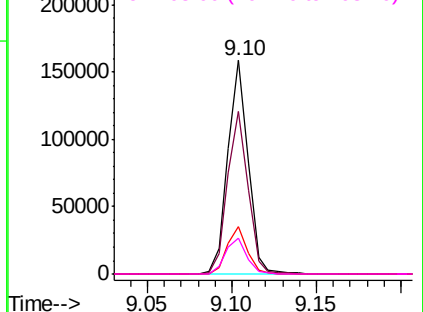
Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

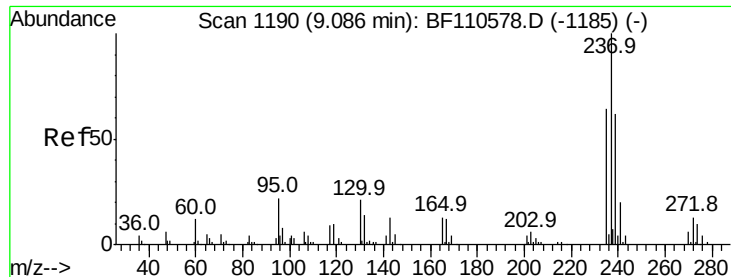


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.589 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:216 Resp: 131916  
 Ion Ratio Lower Upper  
 216 100  
 214 77.6 63.8 95.6  
 179 22.0 16.6 25.0  
 108 17.5 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

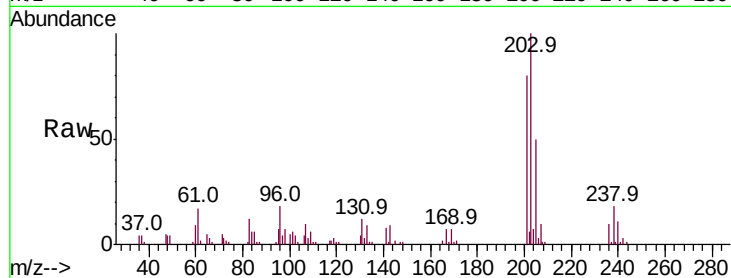




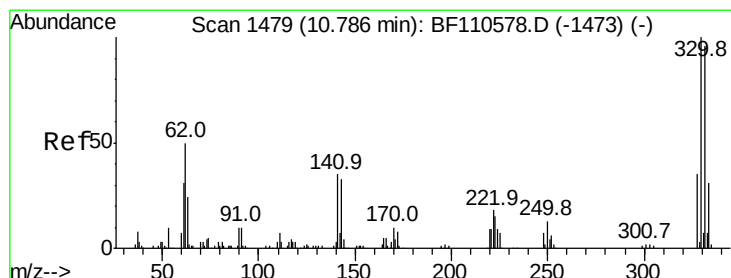
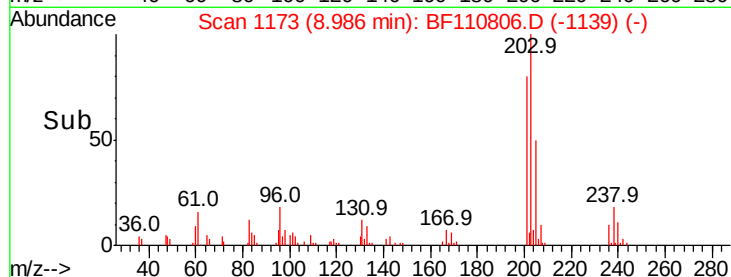
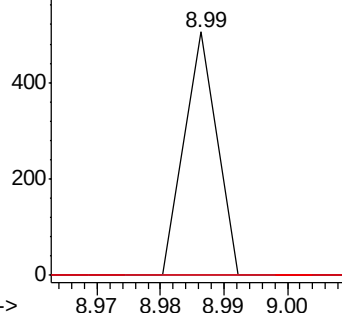
#41  
Hexachlorocyclopentadiene  
Concen: 7.763 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. -0.10 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 178  
Ion Ratio Lower Upper  
237 100  
235 0.0 43.1 83.1#  
272 0.0 0.0 32.6

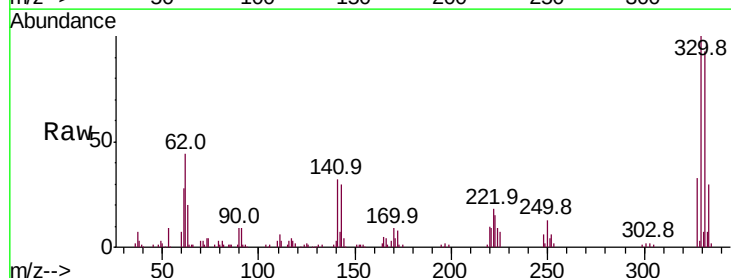


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

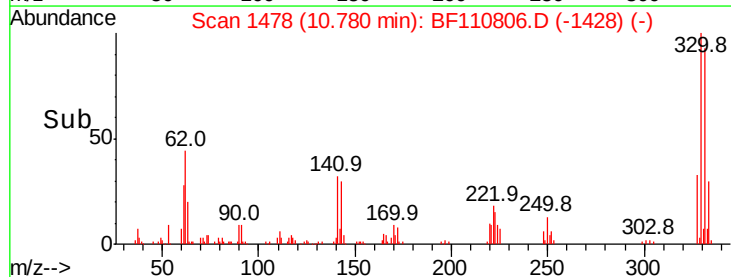
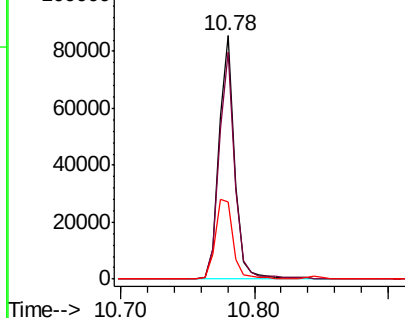


#42  
2,4,6-Tribromophenol  
Concen: 75.357 ng  
RT: 10.78 min Scan# 1478  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

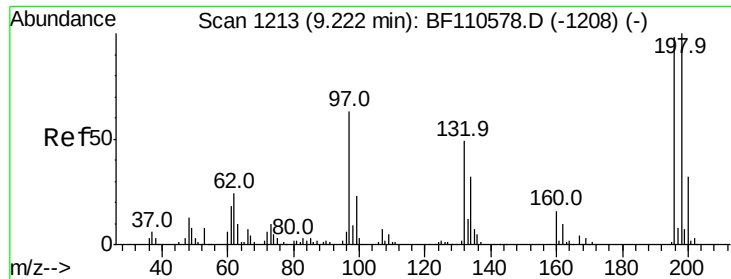
Tgt Ion:330 Resp: 70968  
Ion Ratio Lower Upper  
330 100  
332 93.9 77.1 115.7  
141 37.3 27.0 40.4



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



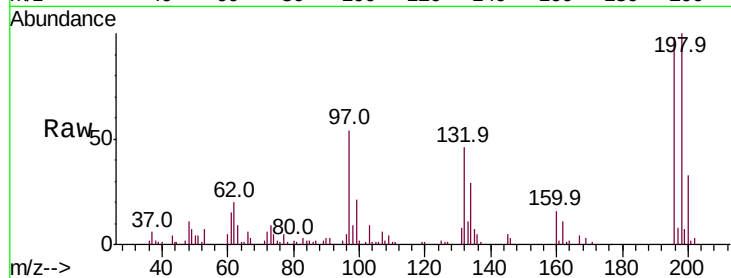




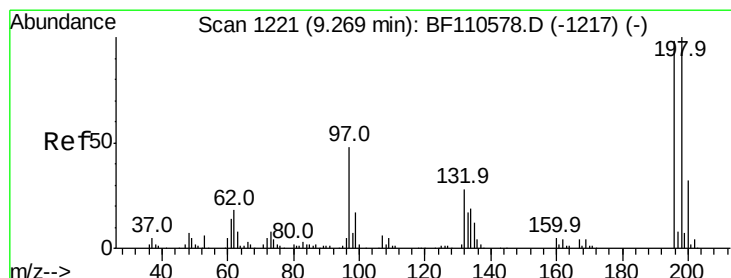
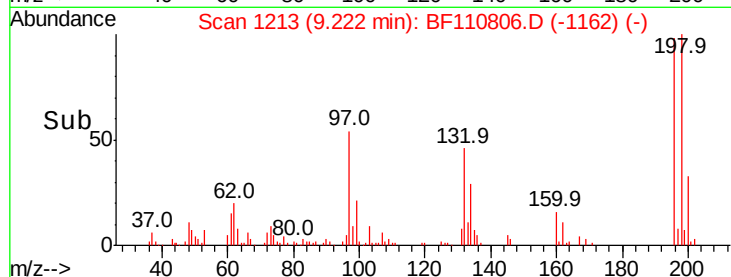
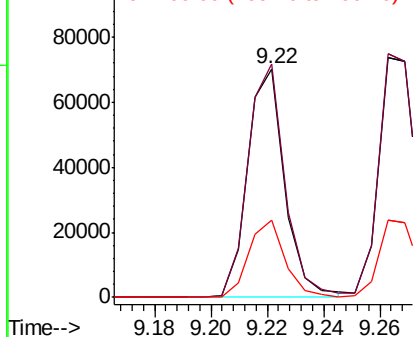
#43  
 2,4,6-Trichlorophenol  
 Concen: 34.537 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:196 Resp: 64208  
 Ion Ratio Lower Upper  
 196 100  
 198 102.2 76.2 114.4  
 200 33.9 24.4 36.6

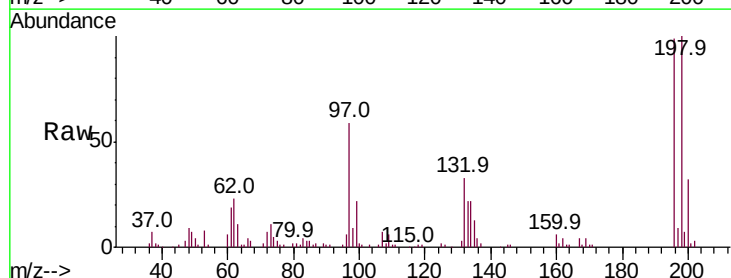


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

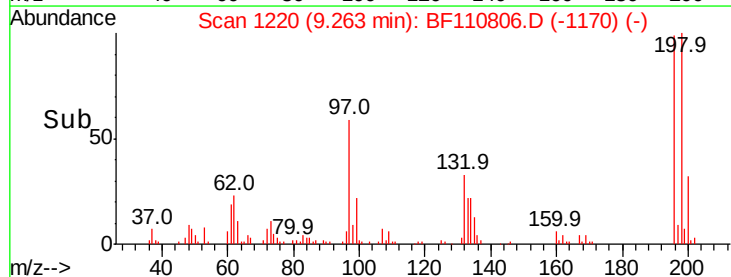
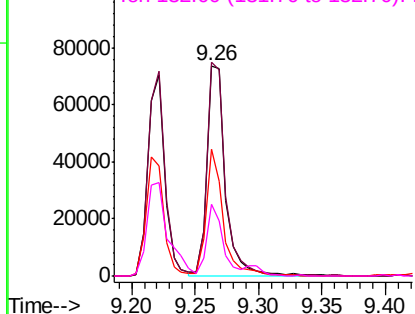


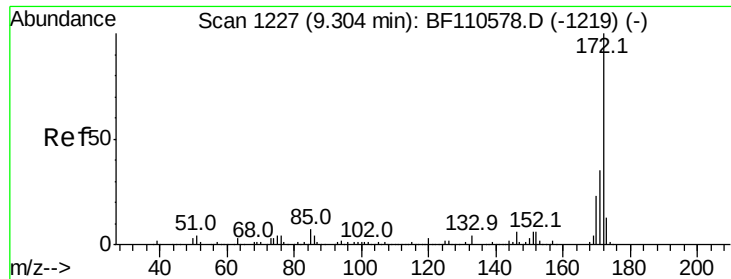
#44  
 2,4,5-Trichlorophenol  
 Concen: 38.376 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:196 Resp: 76104  
 Ion Ratio Lower Upper  
 196 100  
 198 101.5 75.8 113.6  
 97 60.3 42.4 63.6  
 132 34.0 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

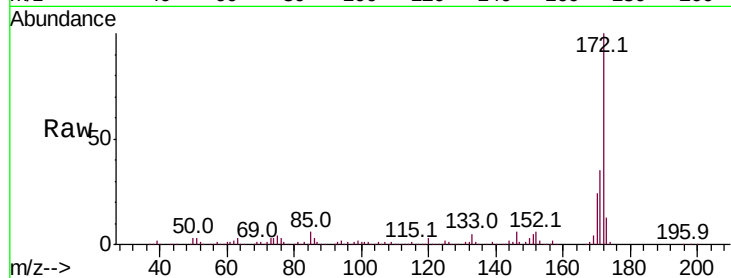




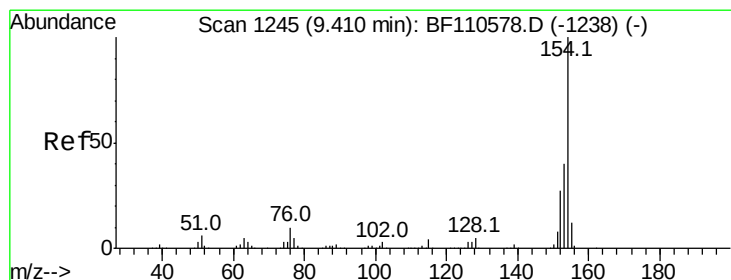
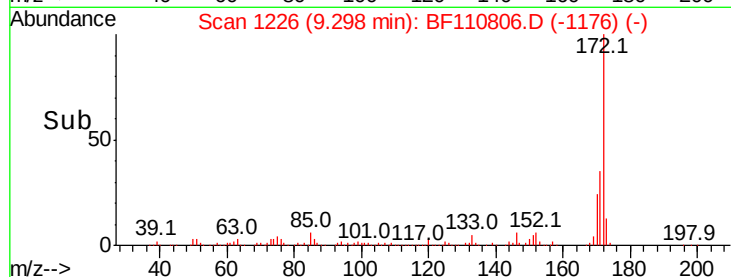
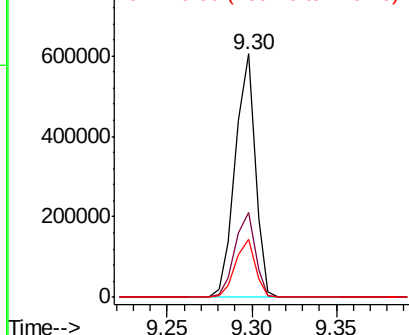
#45  
2-Fluorobiphenyl  
Concen: 76.577 ng  
RT: 9.30 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 501132  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 43.0  
170 23.7 19.7 29.5

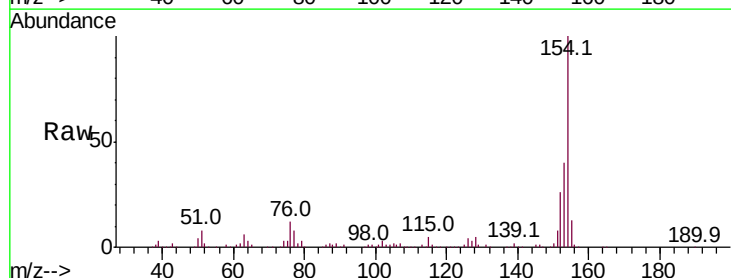


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

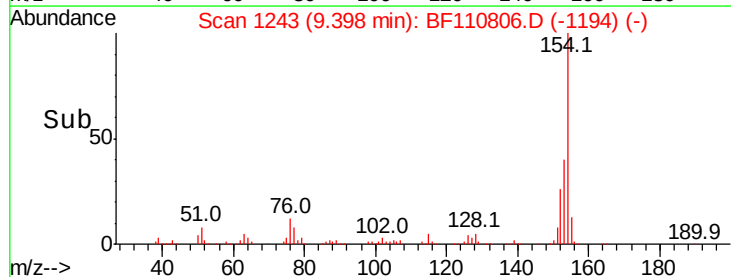
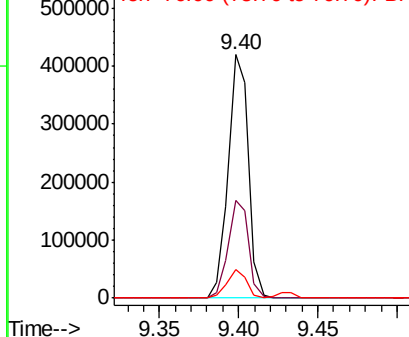


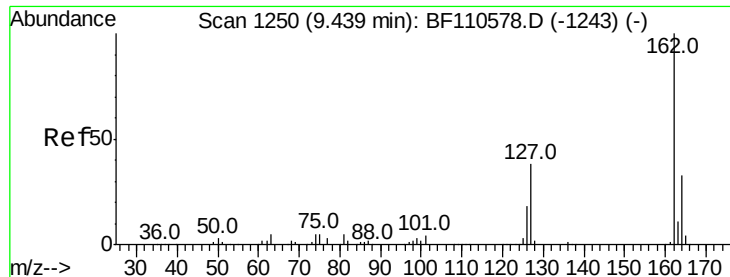
#46  
1,1'-Biphenyl  
Concen: 42.584 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion:154 Resp: 371279  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.4 60.4  
76 11.8 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

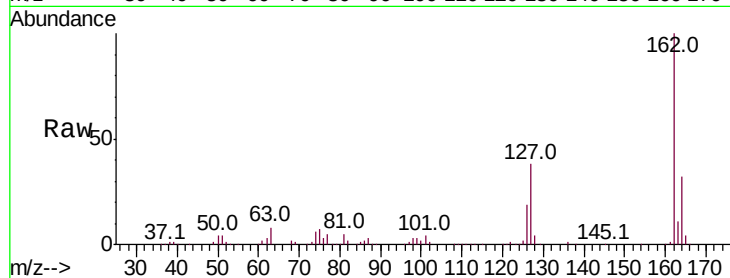




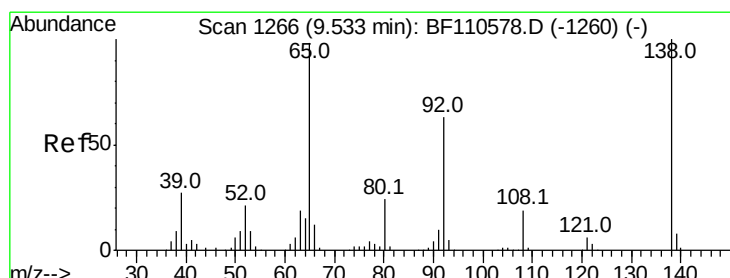
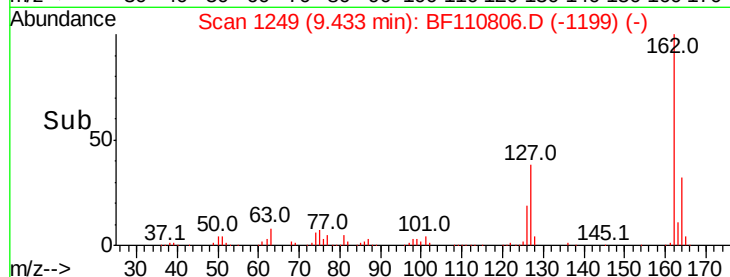
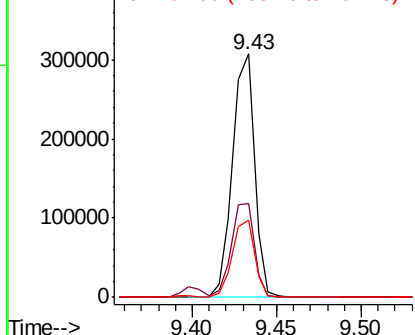
#47  
 2-Chloronaphthalene  
 Concen: 44.442 ng  
 RT: 9.43 min Scan# 1249  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.4  | 32.6  | 48.8  |
| 164     | 31.9  | 25.9  | 38.9  |

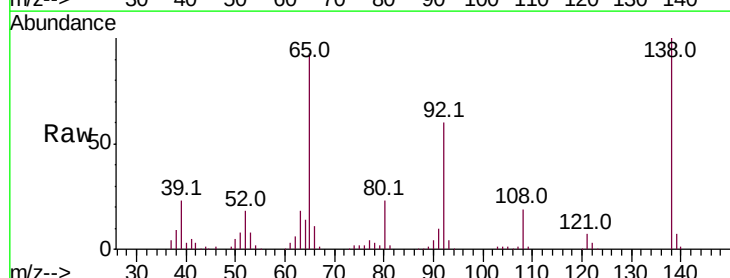


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

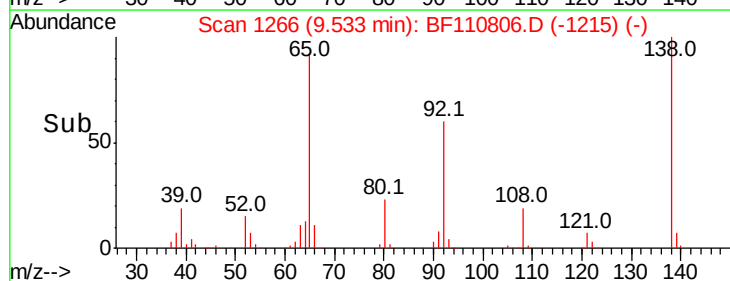
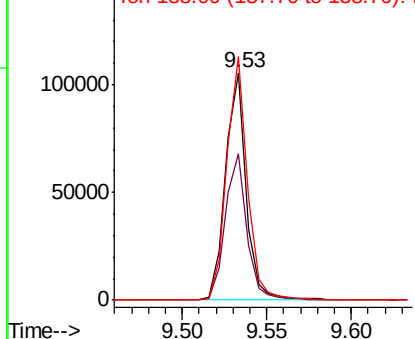


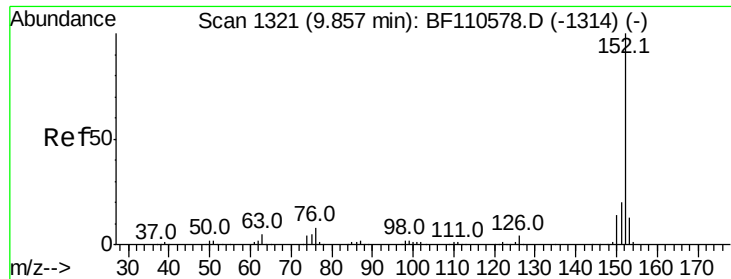
#48  
 2-Nitroaniline  
 Concen: 46.252 ng  
 RT: 9.53 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.4  | 54.6  | 81.8  |
| 138     | 107.3 | 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): E





#49

Acenaphthylene

Concen: 47.423 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

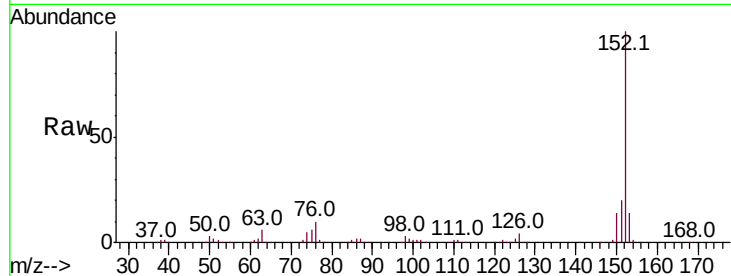
Tot Ion:152 Resp: 428984

Ion Ratio Lower Upper

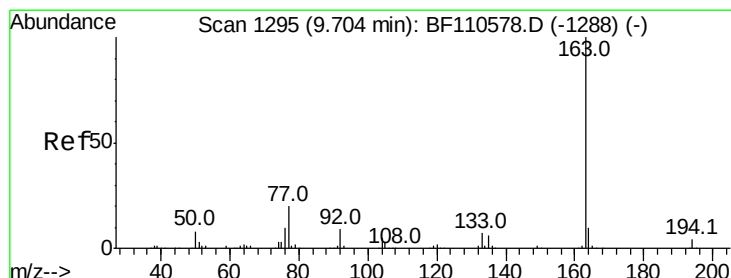
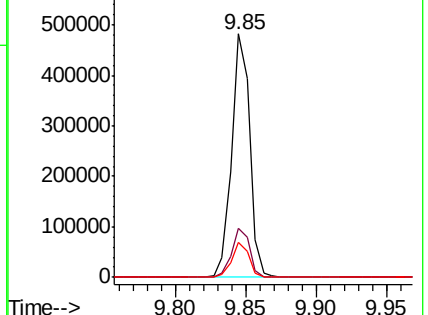
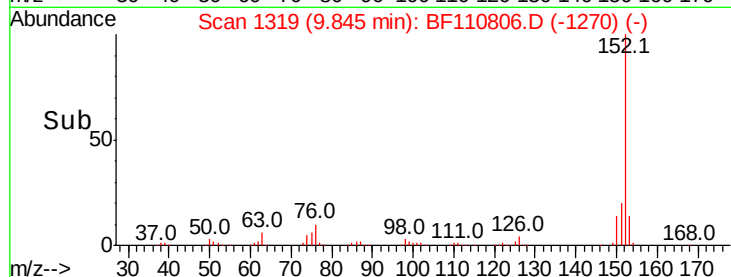
152 100

151 20.2 15.8 23.8

153 14.3 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



#50

Dimethylphthalate

Concen: 46.563 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

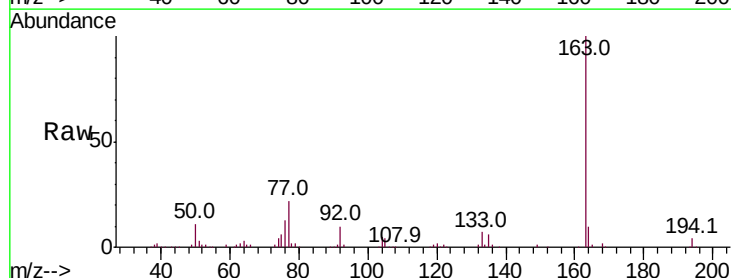
Tgt Ion:163 Resp: 324727

Ion Ratio Lower Upper

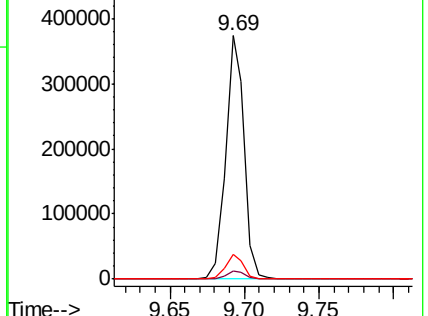
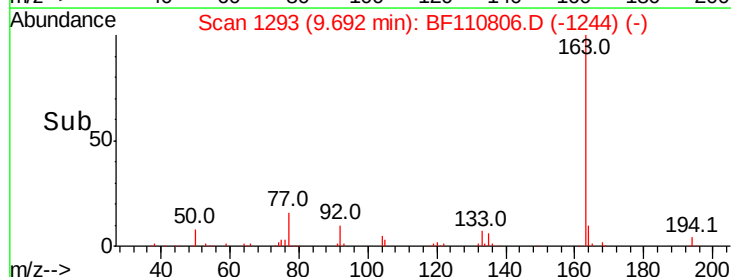
163 100

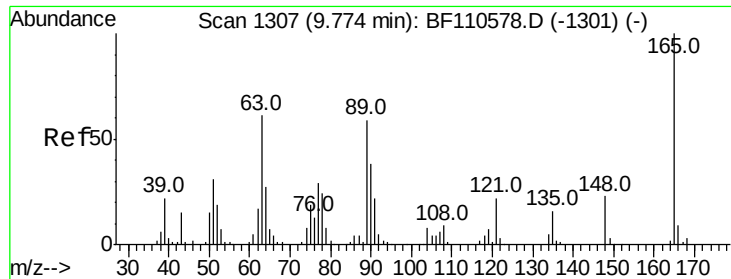
194 3.5 3.2 4.8

164 10.3 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

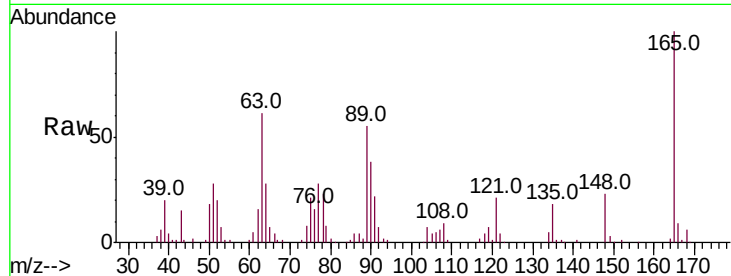




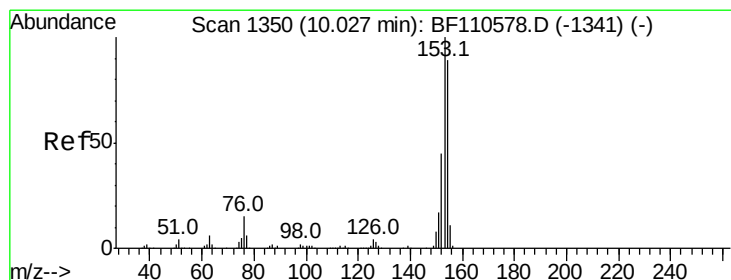
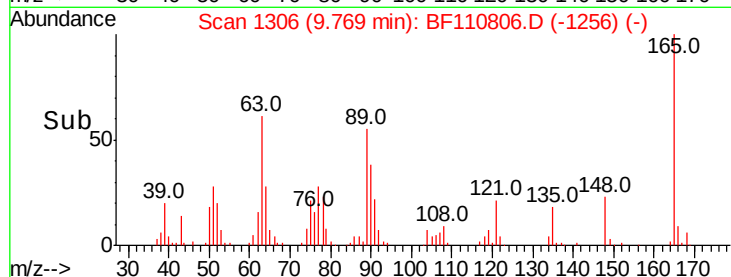
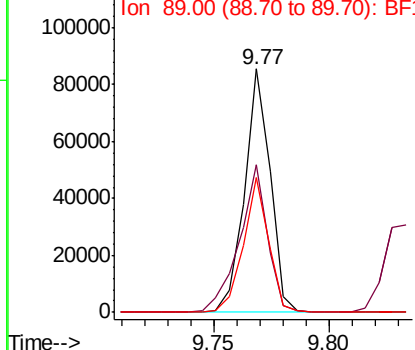
#51  
 2,6-Dinitrotoluene  
 Concen: 43.302 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:165 Resp: 66431  
 Ion Ratio Lower Upper  
 165 100  
 63 60.9 48.9 73.3  
 89 55.1 46.6 69.8

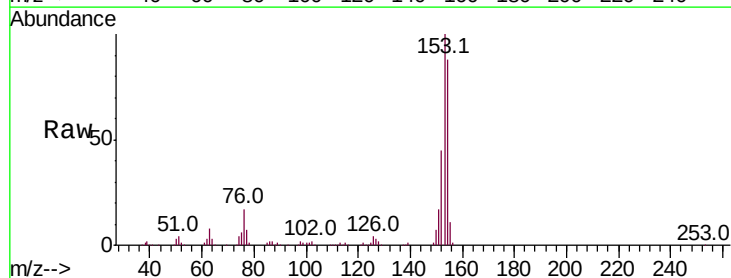


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

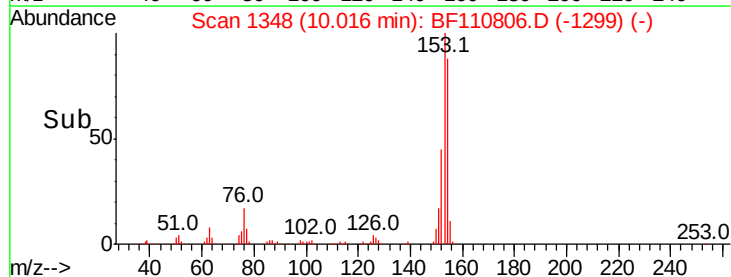
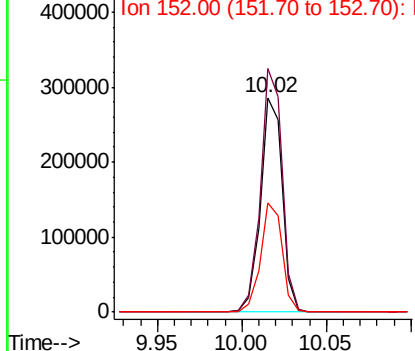


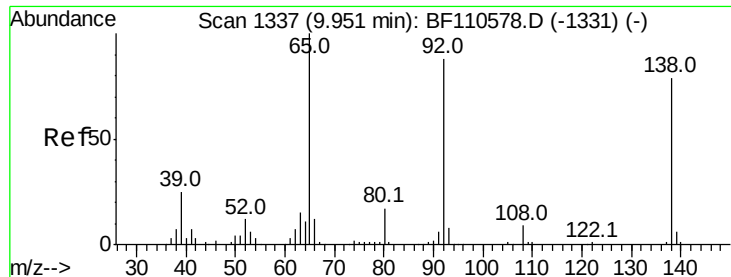
#52  
 Acenaphthene  
 Concen: 44.824 ng  
 RT: 10.02 min Scan# 1348  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:154 Resp: 256249  
 Ion Ratio Lower Upper  
 154 100  
 153 113.7 90.1 135.1  
 152 50.8 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

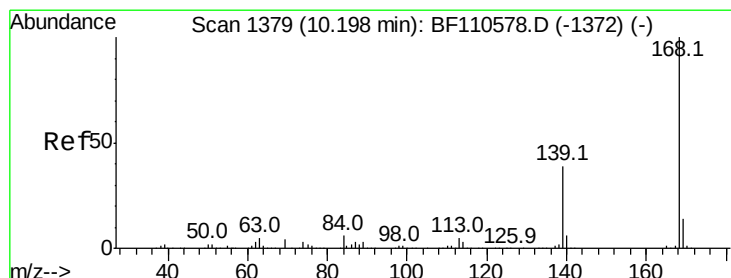
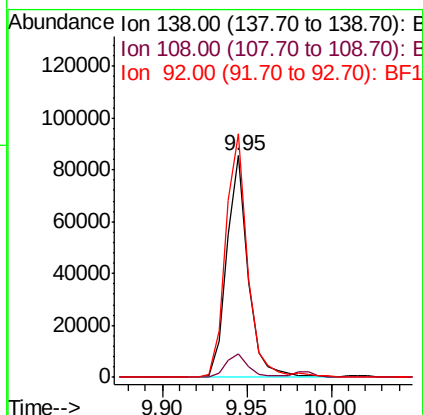
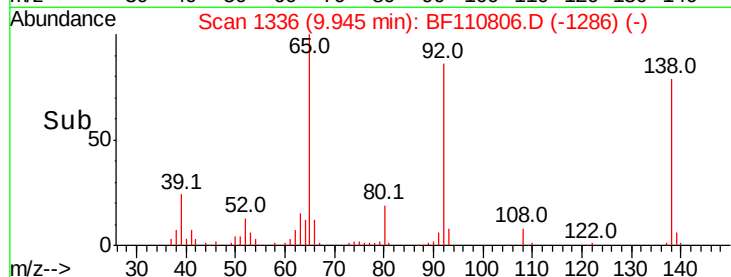
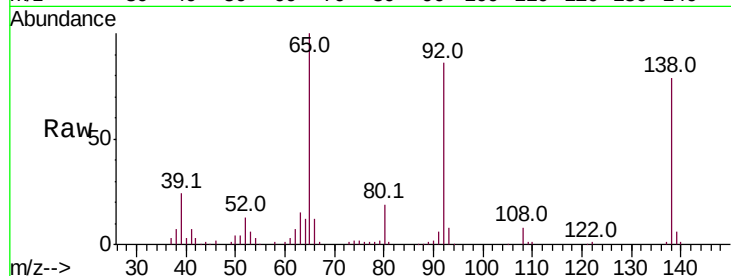




#53  
3-Nitroaniline  
Concen: 42.113 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

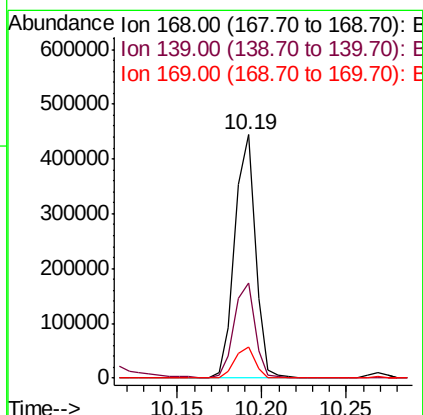
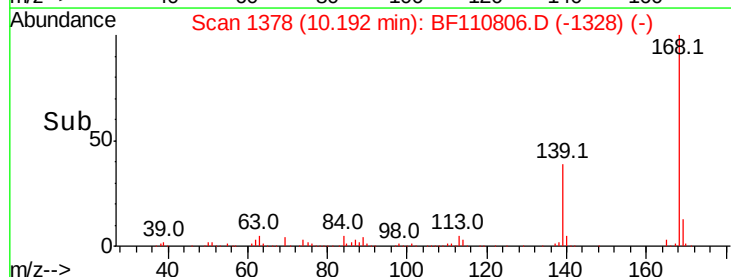
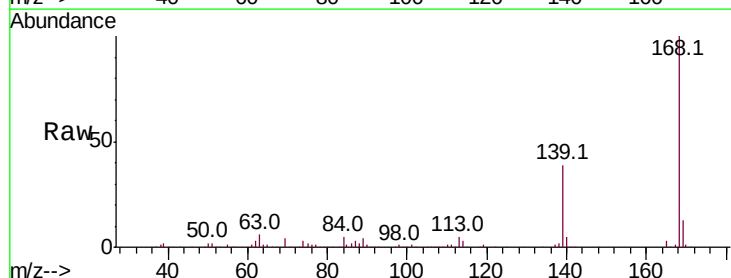
Instrument :  
BNA\_F  
ClientSampleId :

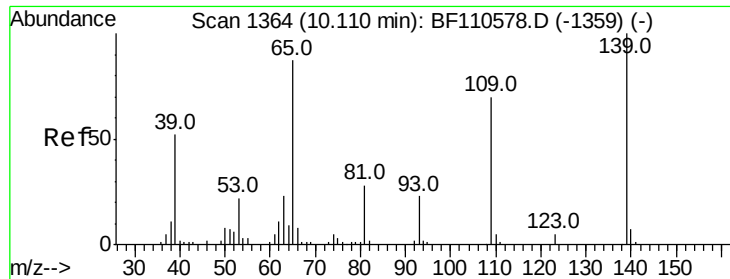
Tot Ion:138 Resp: 74851  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.7 13.1  
92 109.8 97.0 145.4



#55  
Dibenzofuran  
Concen: 45.145 ng  
RT: 10.19 min Scan# 1378  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion:168 Resp: 377586  
Ion Ratio Lower Upper  
168 100  
139 38.9 33.0 49.6  
169 12.9 11.3 16.9

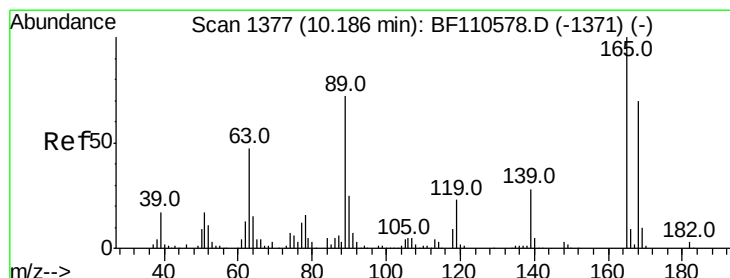
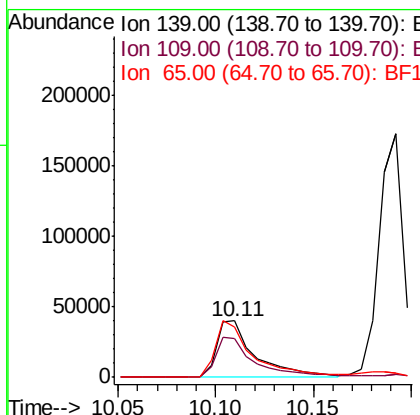
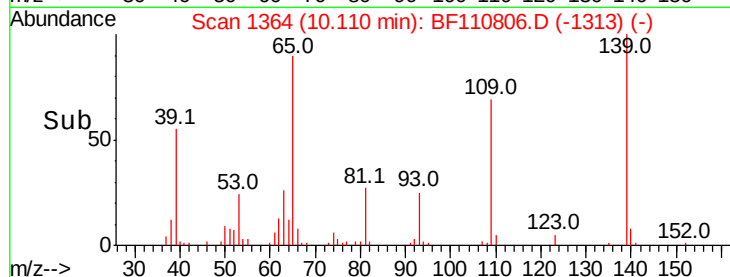
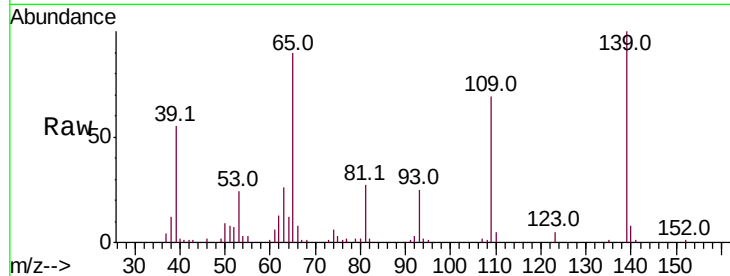




#56  
4-Nitrophenol  
Concen: 46.722 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

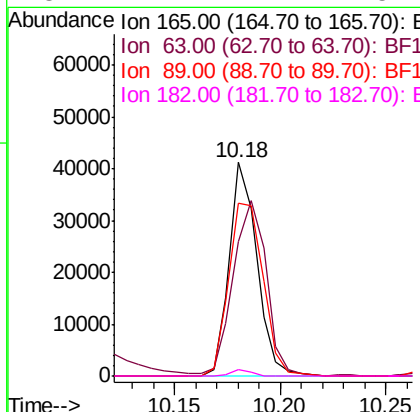
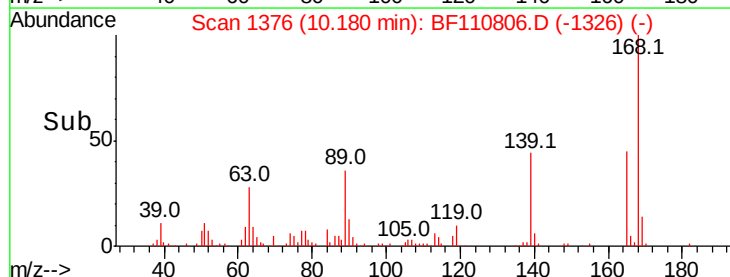
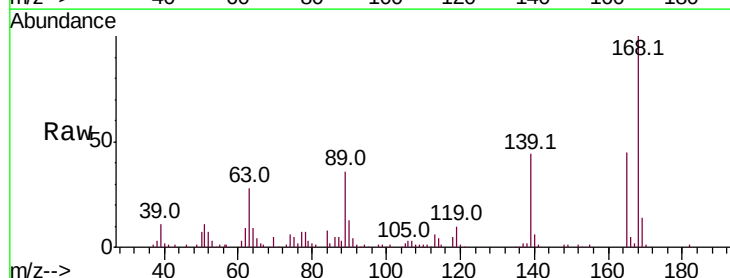
Instrument :  
BNA\_F  
ClientSampleId :

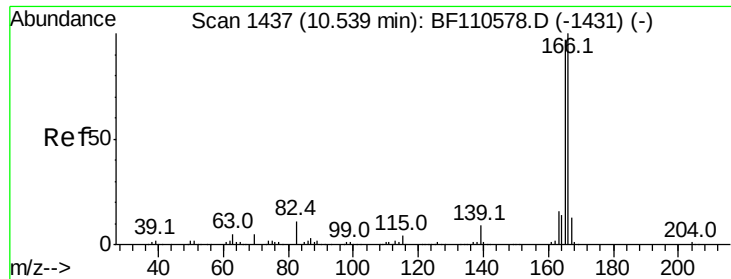
Tot Ion:139 Resp: 55092  
Ion Ratio Lower Upper  
139 100  
109 69.1 55.8 95.8  
65 89.8 77.9 117.9



#57  
2,4-Dinitrotoluene  
Concen: 18.662 ng  
RT: 10.18 min Scan# 1376  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion:165 Resp: 37226  
Ion Ratio Lower Upper  
165 100  
63 62.8 44.8 67.2  
89 80.7 62.2 93.4  
182 2.7 2.1 3.1





#58

Fluorene

Concen: 41.940 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

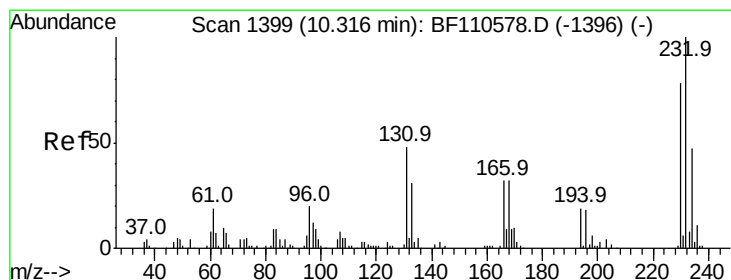
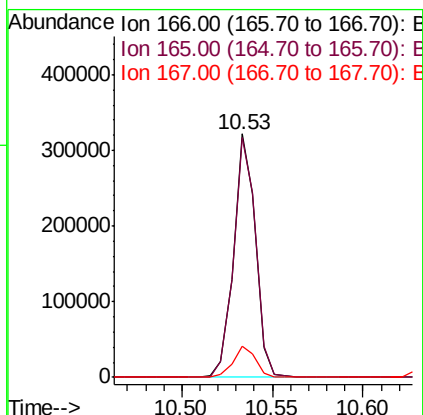
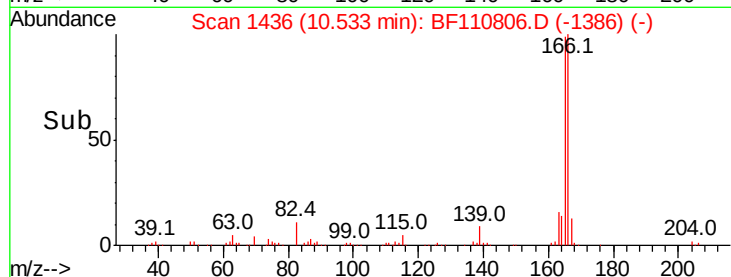
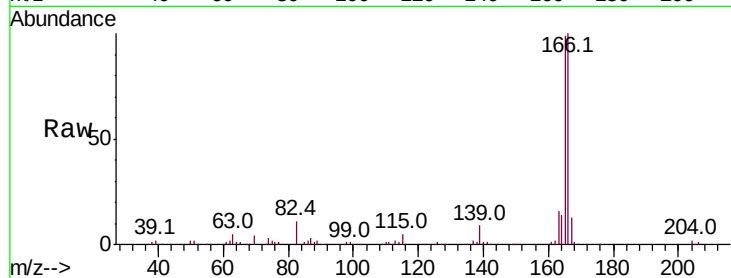
Tot Ion:166 Resp: 269436

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

167 12.9 10.8 16.2



#59

2,3,4,6-Tetrachlorophenol

Concen: 26.530 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Tgt Ion:232 Resp: 41389

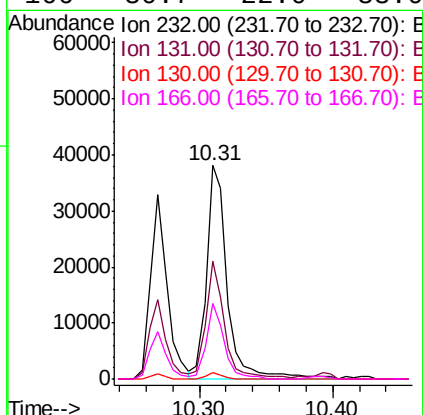
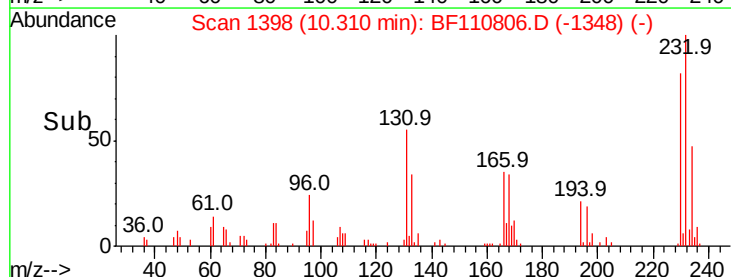
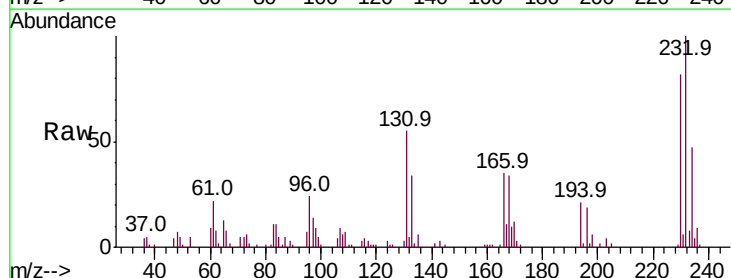
Ion Ratio Lower Upper

232 100

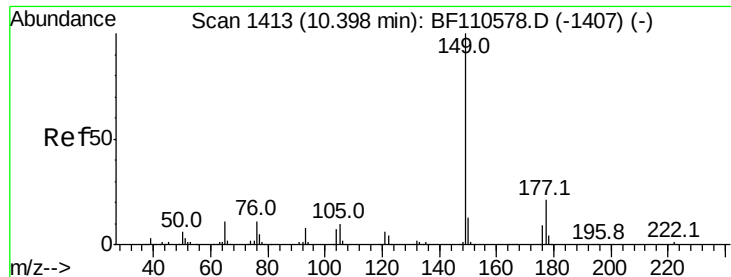
131 49.8 37.0 55.4

130 2.1 1.8 2.6

166 30.7 22.0 33.0



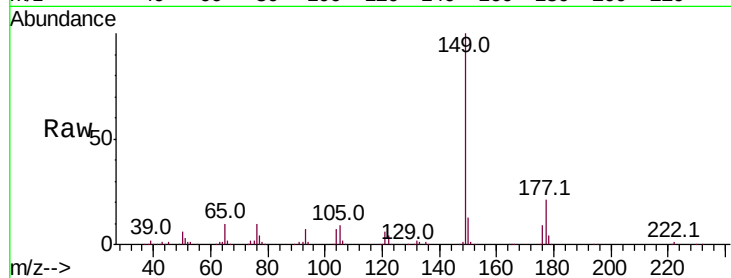




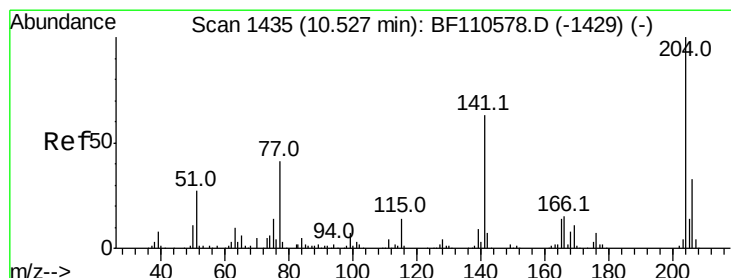
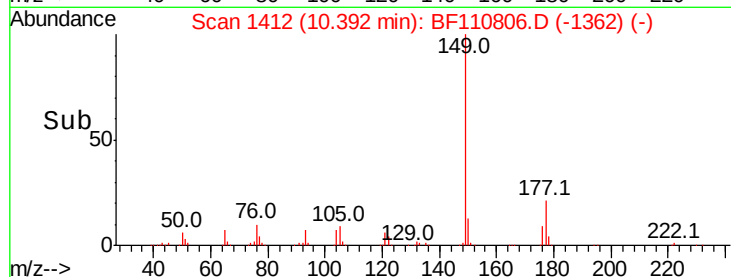
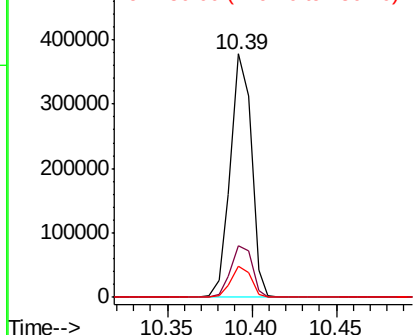
#60  
Diethylphthalate  
Concen: 47.486 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 327629  
Ion Ratio Lower Upper  
149 100  
177 21.3 17.4 26.2  
150 12.7 9.8 14.8

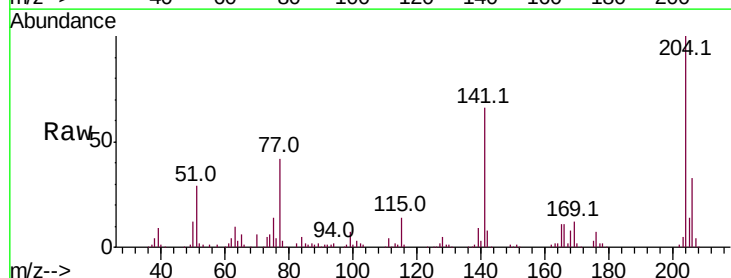


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

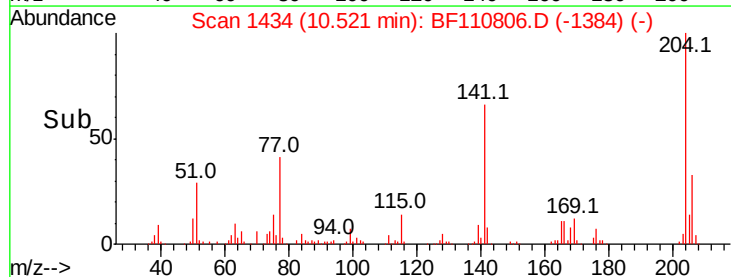
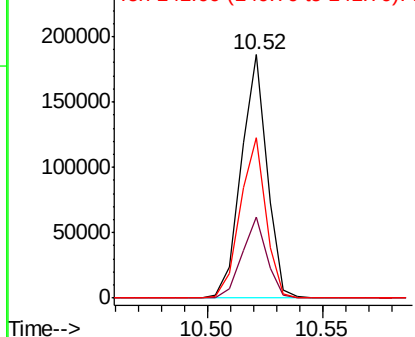


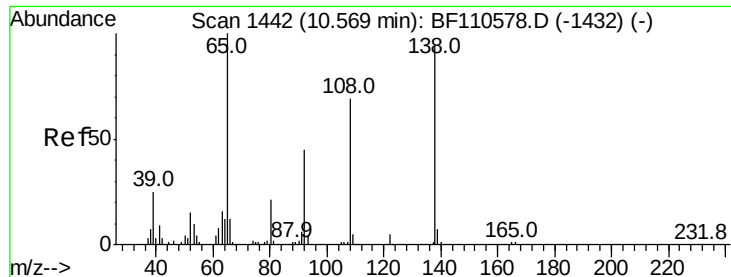
#61  
4-Chlorophenyl-phenylether  
Concen: 43.646 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion:204 Resp: 145182  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.5 39.7  
141 65.8 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





#62

4-Nitroaniline

Concen: 43.124 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampled :

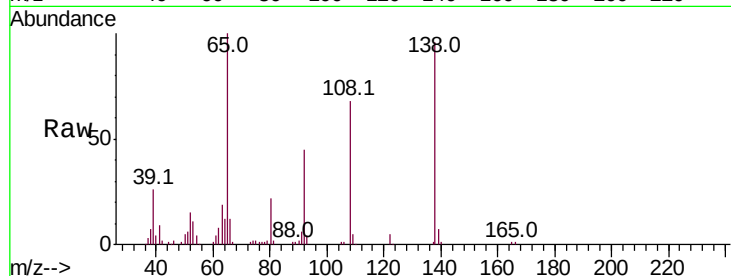
Tot Ion:138 Resp: 77182

Ion Ratio Lower Upper

138 100

92 46.7 31.7 71.7

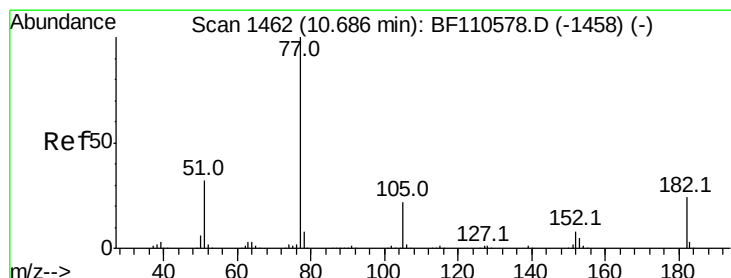
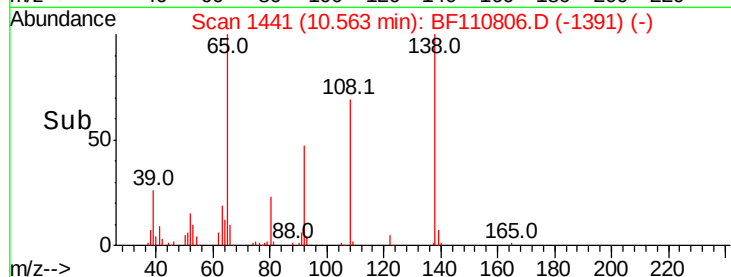
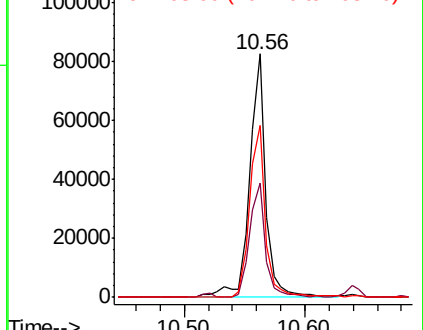
108 70.8 59.3 99.3



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



#63

Azobenzene

Concen: 42.893 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Tgt Ion: 77 Resp: 288728

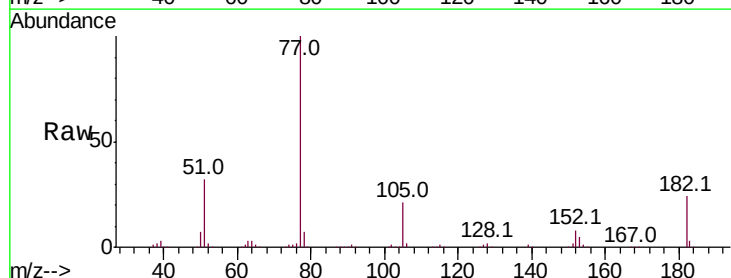
Ion Ratio Lower Upper

77 100

182 23.6 4.3 44.3

105 21.5 1.3 41.3

51 31.7 9.0 49.0

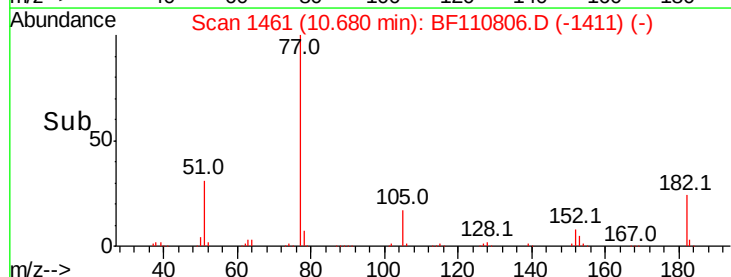
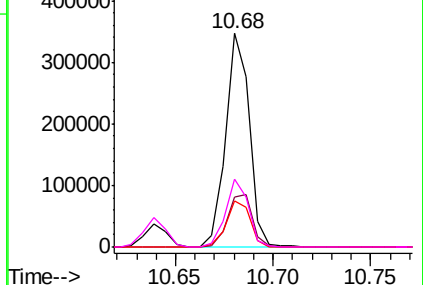


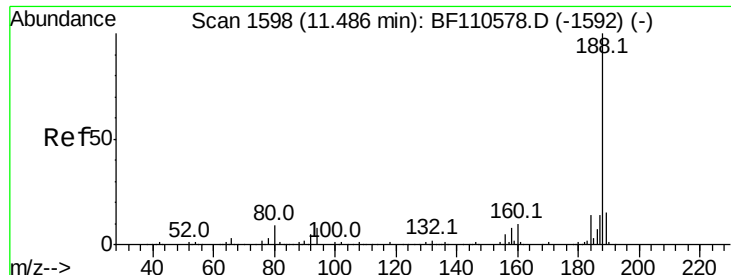
Abundance Ion 77.00 (76.70 to 77.70): BF1

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampled :

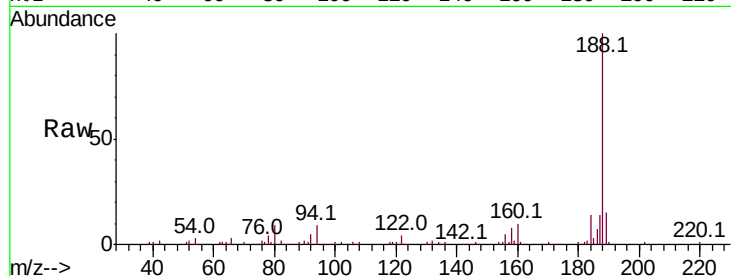
Tot Ion:188 Resp: 156782

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

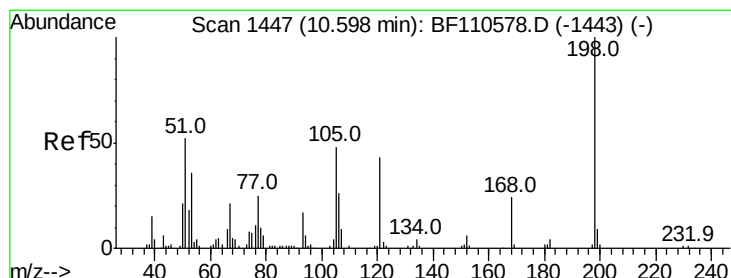
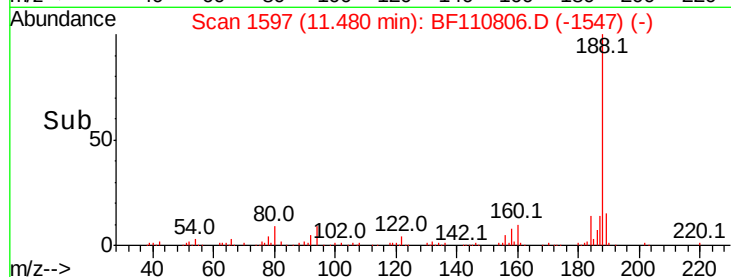
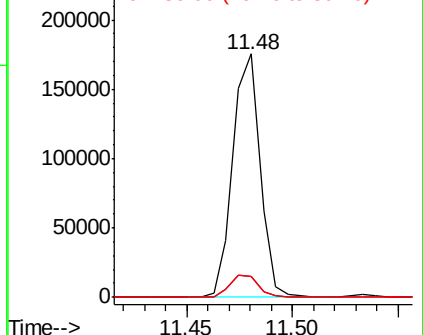
80 8.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 2.388 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.29 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

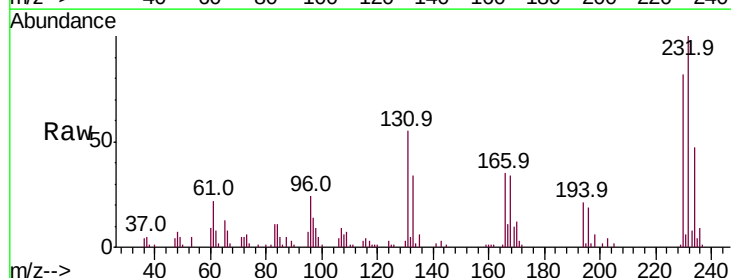
Tgt Ion:198 Resp: 1887

Ion Ratio Lower Upper

198 100

51 0.0 22.8 62.8#

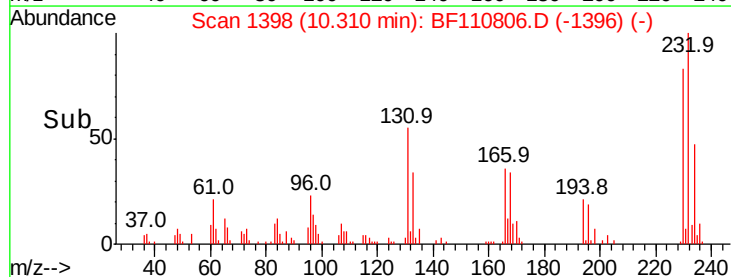
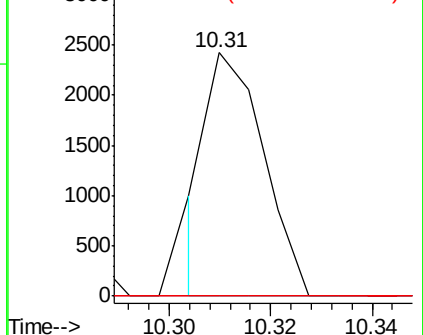
105 0.0 23.6 63.6#

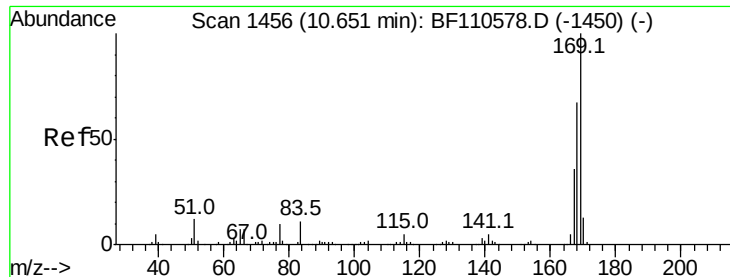


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

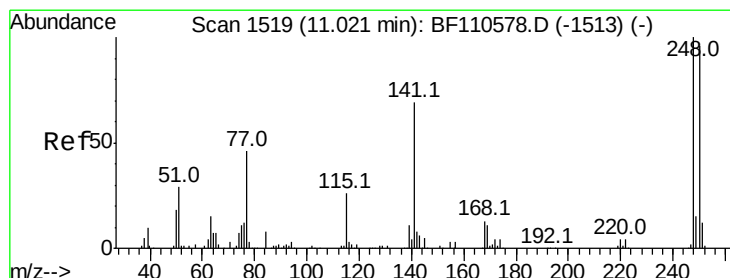
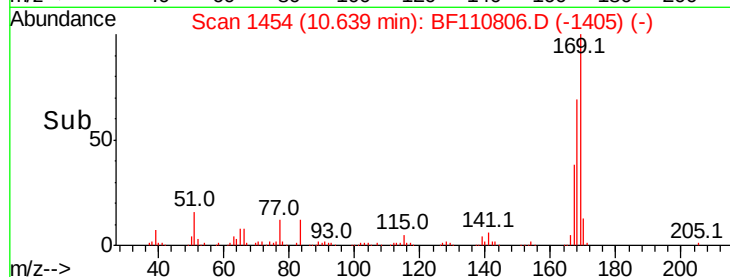
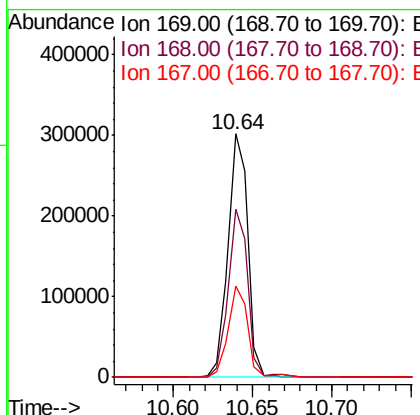
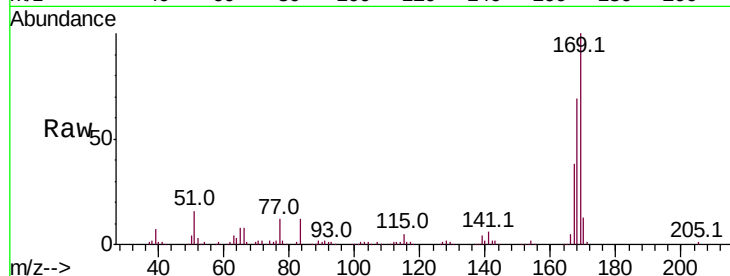




#66  
 n-Nitrosodiphenylamine  
 Concen: 49.384 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

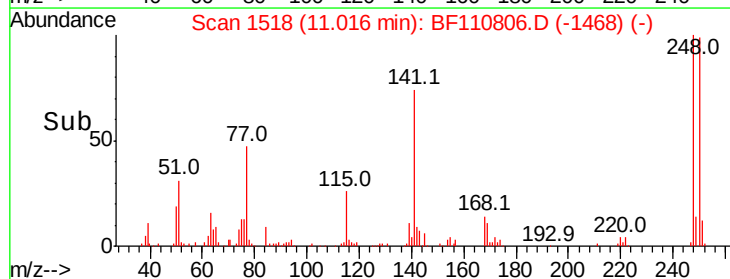
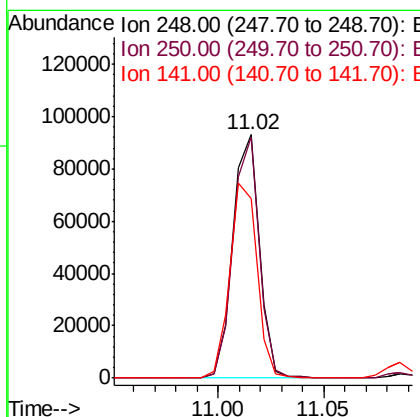
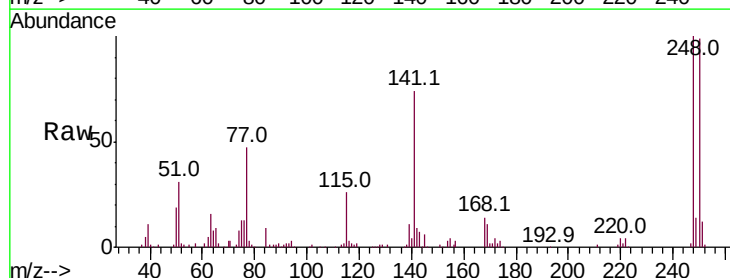
Instrument :  
 BNA\_F  
 ClientSampleId :

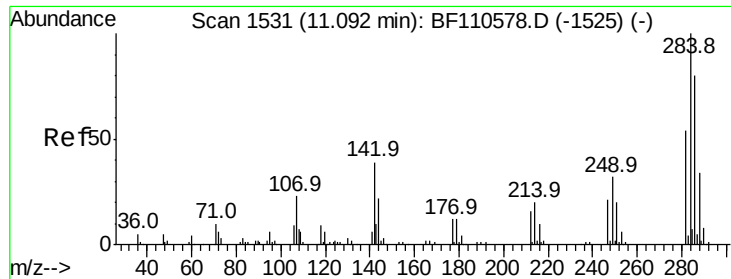
Tot Ion:169 Resp: 260972  
 Ion Ratio Lower Upper  
 169 100  
 168 68.8 51.2 76.8  
 167 37.5 27.8 41.6



#67  
 4-Bromophenyl-phenylether  
 Concen: 46.445 ng  
 RT: 11.02 min Scan# 1518  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:248 Resp: 80478  
 Ion Ratio Lower Upper  
 248 100  
 250 98.8 79.4 119.2  
 141 74.0 55.9 83.9

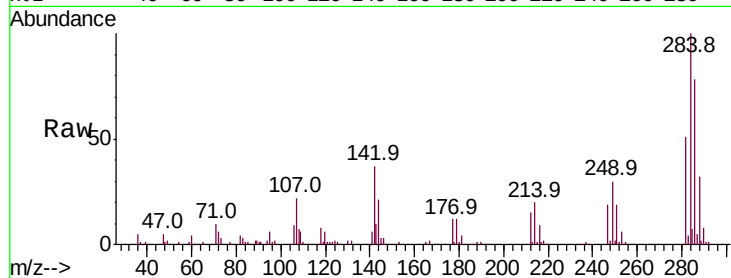




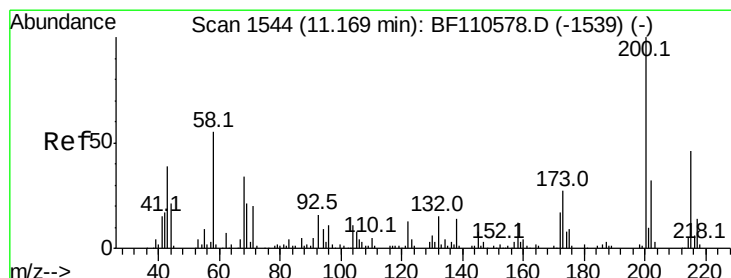
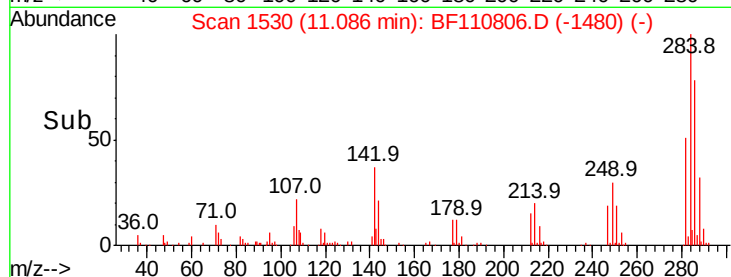
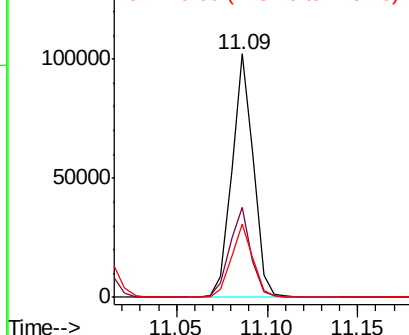
#68  
Hexachlorobenzene  
Concen: 46.249 ng  
RT: 11.09 min Scan# 1530  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:284 Resp: 84490  
Ion Ratio Lower Upper  
284 100  
142 36.8 23.9 35.9#  
249 30.2 24.2 36.2

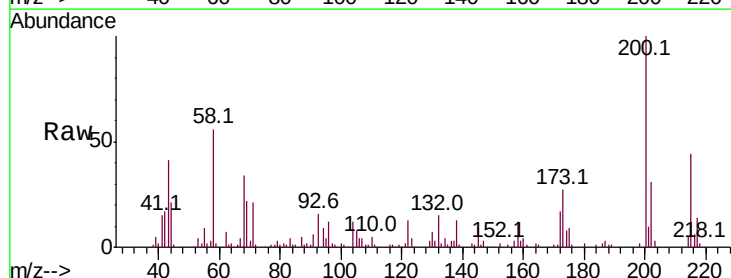


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

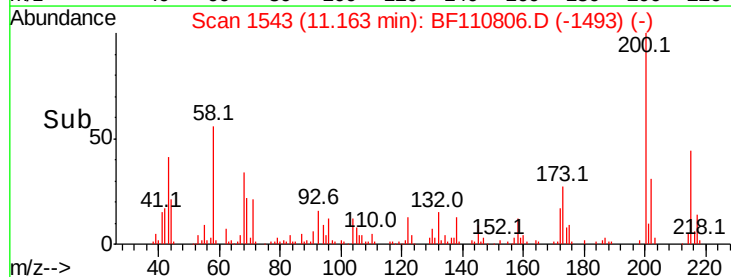
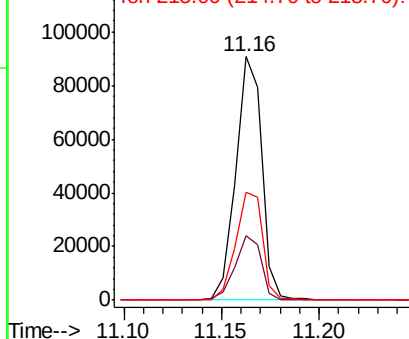


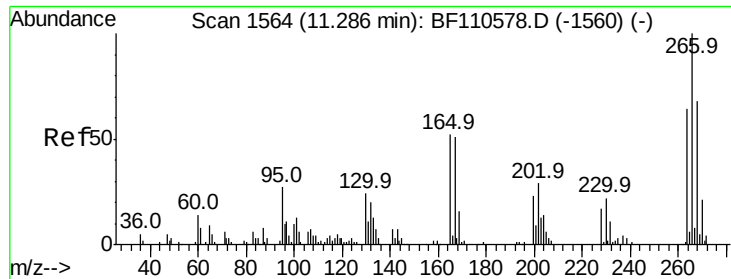
#69  
Atrazine  
Concen: 51.868 ng  
RT: 11.16 min Scan# 1543  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion:200 Resp: 83809  
Ion Ratio Lower Upper  
200 100  
173 26.5 6.6 46.6  
215 44.2 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

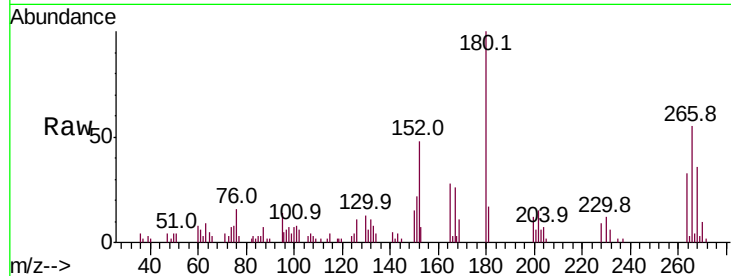




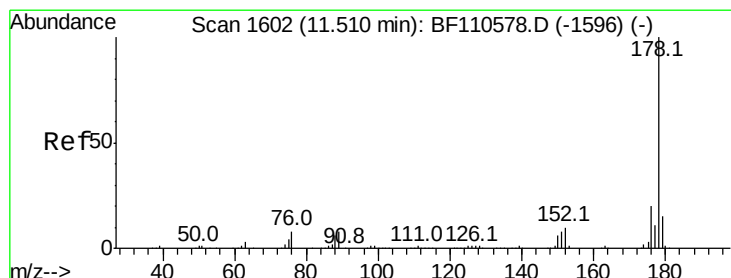
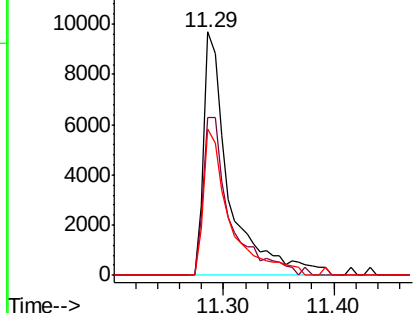
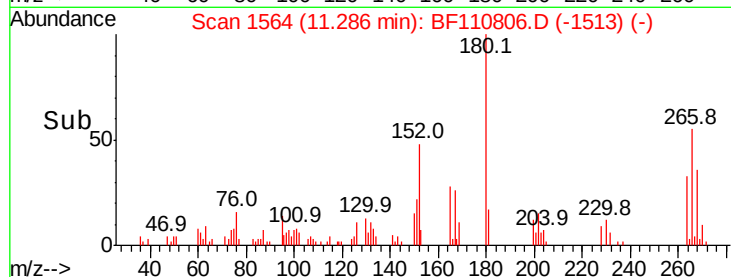
#70  
 Pentachlorophenol  
 Concen: 15.672 ng  
 RT: 11.29 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 15277  
 Ion Ratio Lower Upper  
 266 100  
 268 64.9 50.6 75.8  
 264 60.3 50.6 75.8

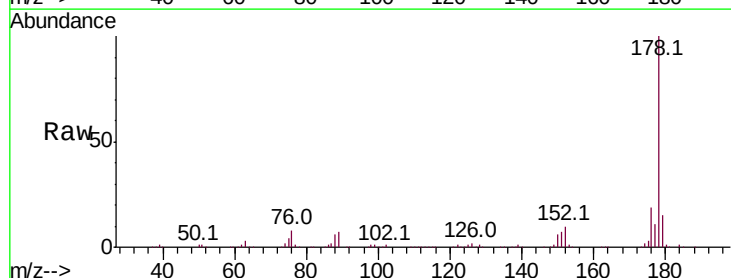


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

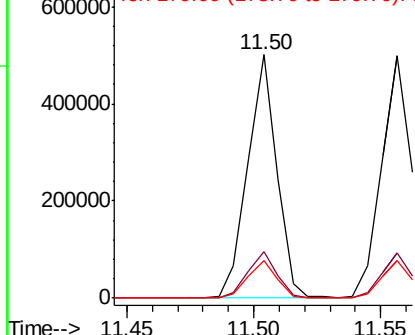
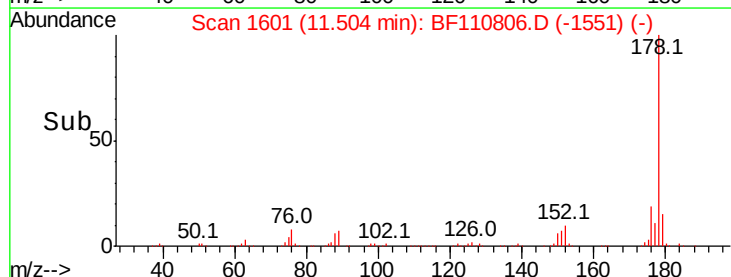


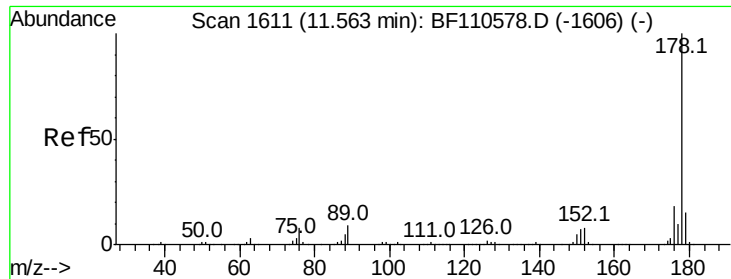
#71  
 Phenanthrene  
 Concen: 47.862 ng  
 RT: 11.50 min Scan# 1601  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:178 Resp: 402023  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.5 23.3  
 179 15.3 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

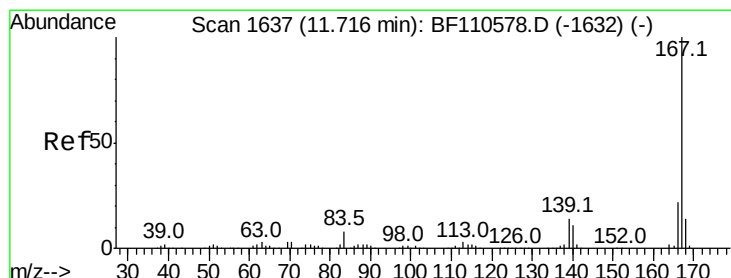
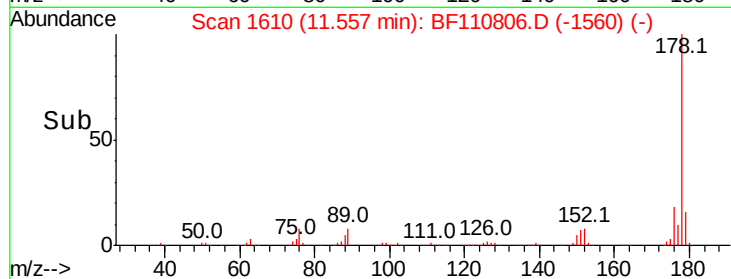
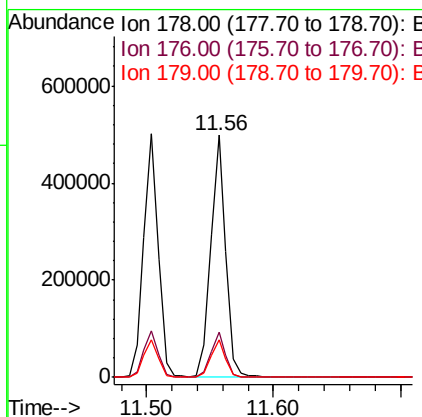
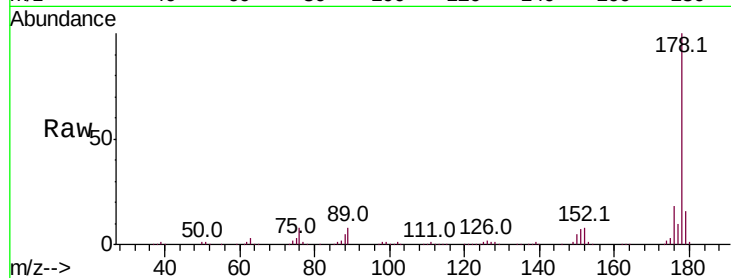




#72  
 Anthracene  
 Concen: 49.078 ng  
 RT: 11.56 min Scan# 1610  
 Delta R.T. -0.01 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

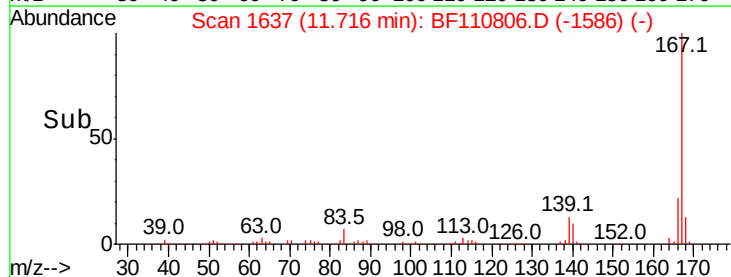
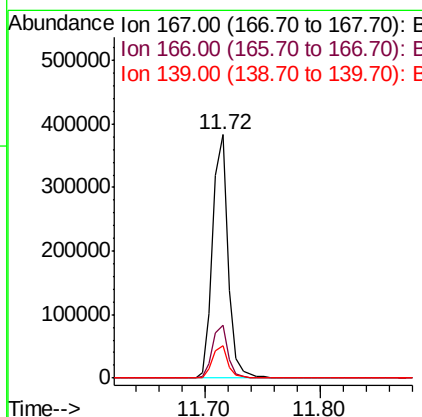
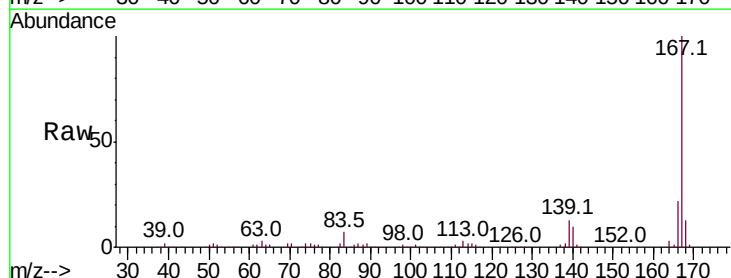
Instrument :  
 BNA\_F  
 ClientSampleId :

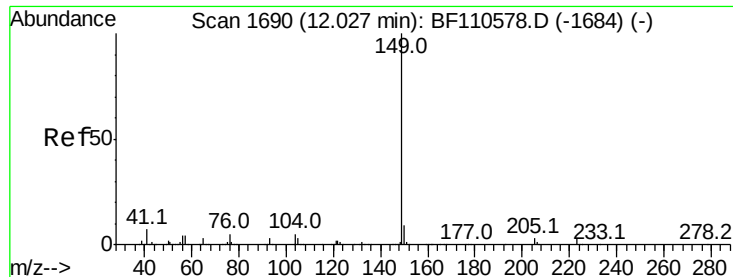
Tot Ion:178 Resp: 415841  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 15.4 23.2  
 179 15.7 12.6 18.8



#73  
 Carbazole  
 Concen: 43.807 ng  
 RT: 11.72 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:167 Resp: 356475  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.0  
 139 13.1 10.9 16.3





#74

Di-n-butylphthalate

Concen: 50.439 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

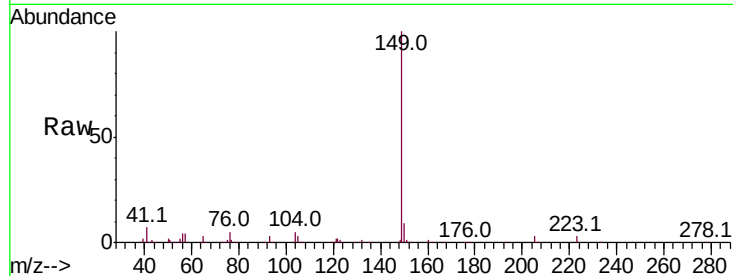
Tot Ion:149 Resp: 481307

Ion Ratio Lower Upper

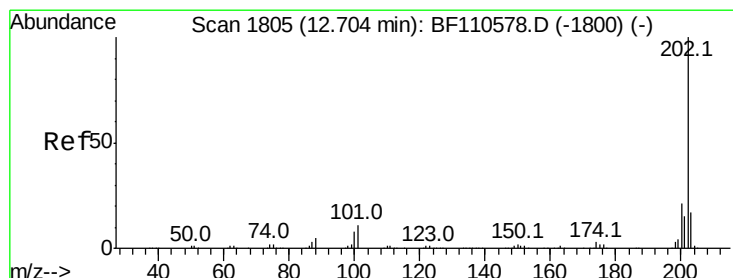
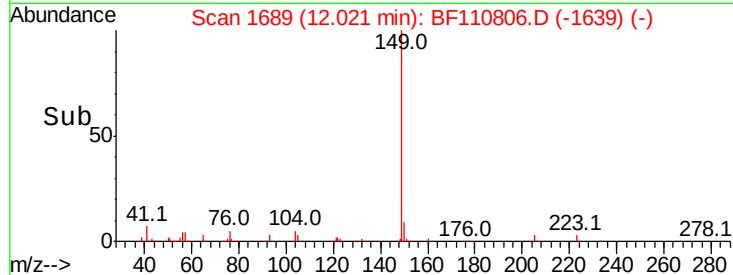
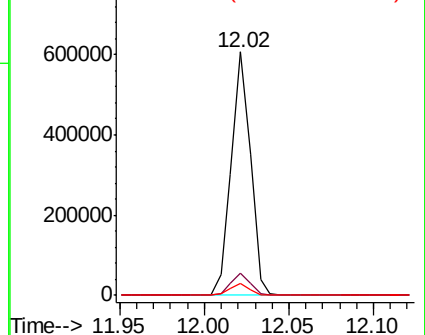
149 100

150 9.1 7.7 11.5

104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 47.670 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

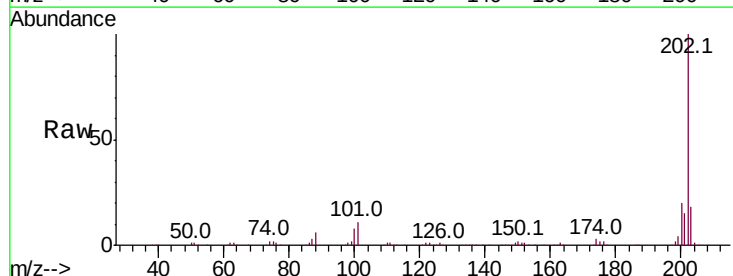
Tgt Ion:202 Resp: 401433

Ion Ratio Lower Upper

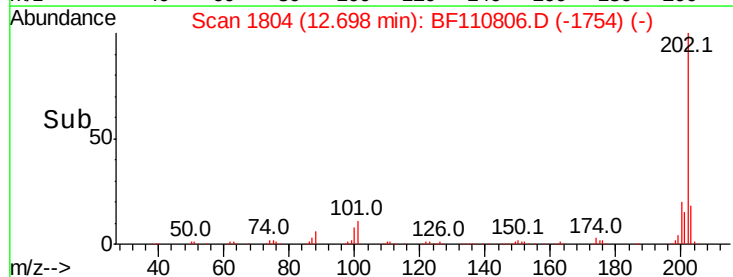
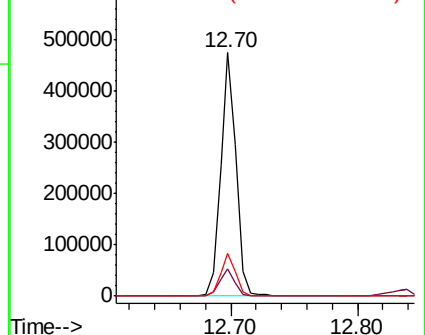
202 100

101 11.1 0.0 31.4

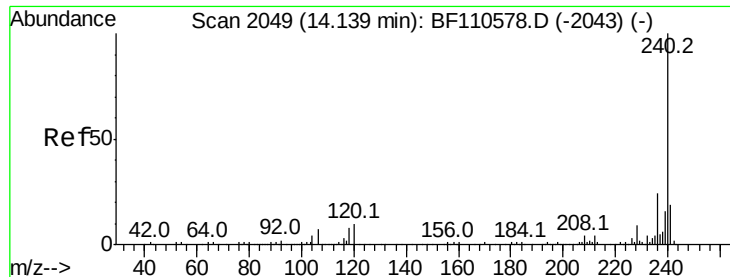
203 17.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E







#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

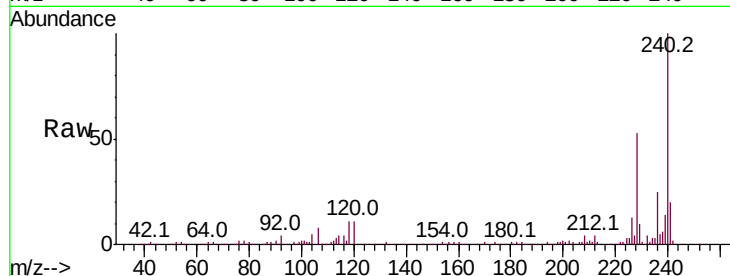
Tot Ion:240 Resp: 133807

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

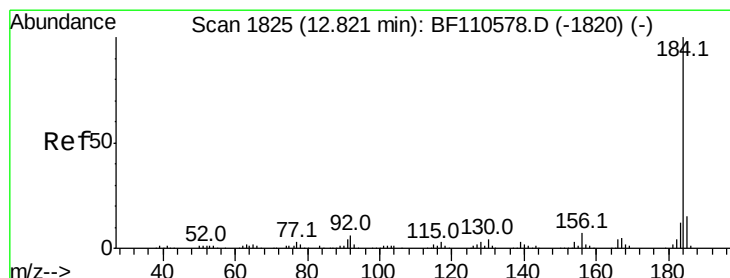
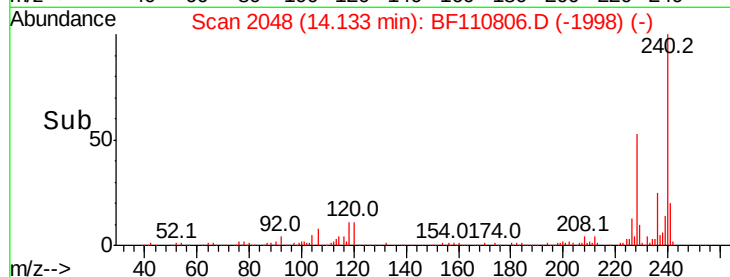
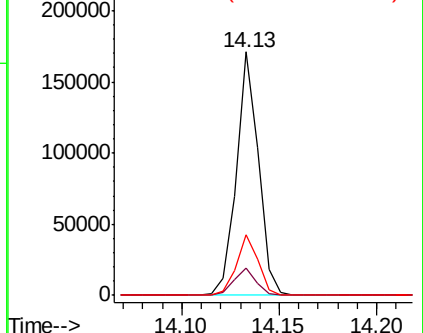
236 25.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 553.902 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

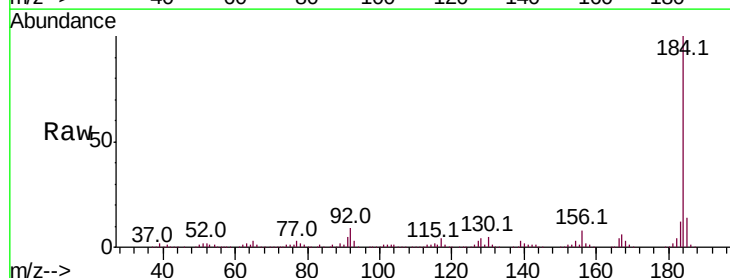
Tgt Ion:184 Resp: 2038208

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

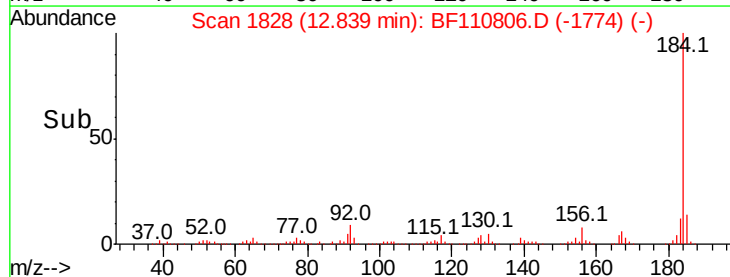
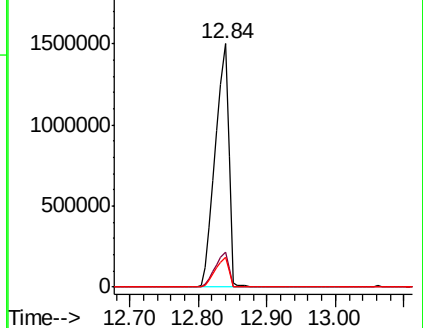
183 12.0 9.4 14.2

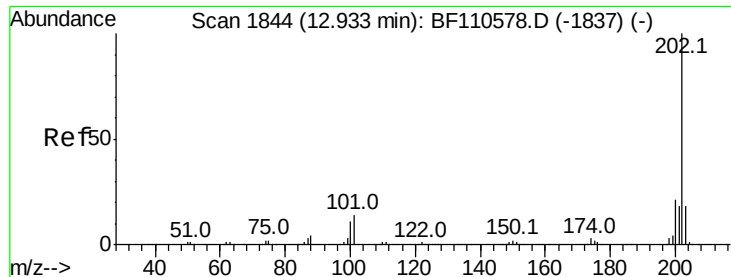


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

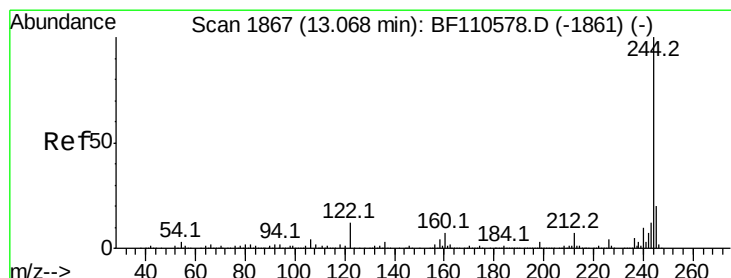
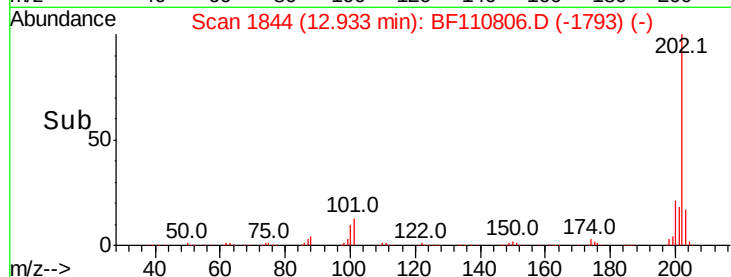
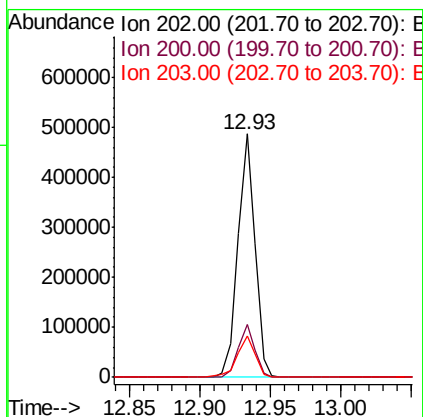
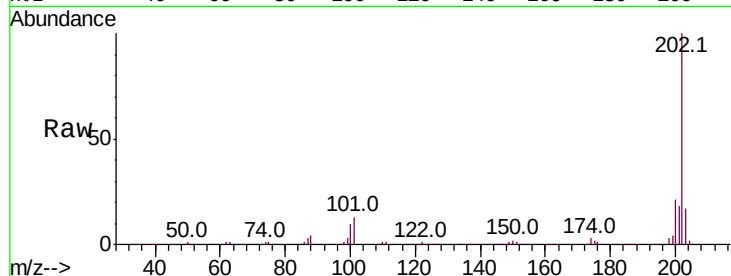




#78  
Pvrene  
Concen: 39.842 ng  
RT: 12.93 min Scan# 1844  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

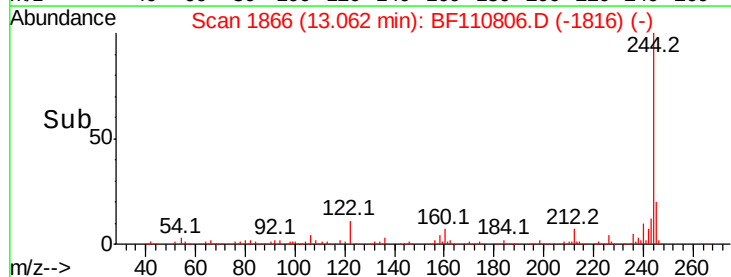
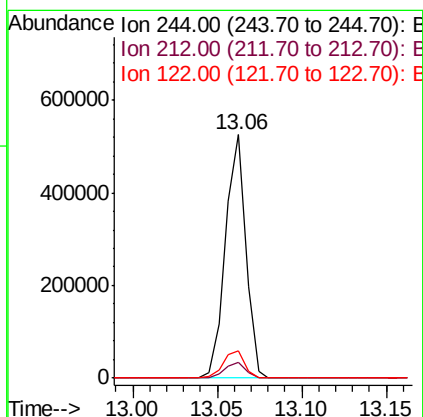
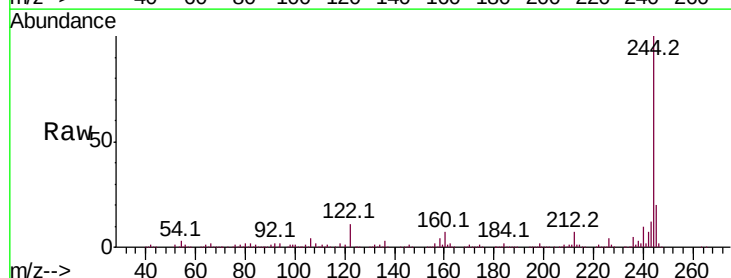
Instrument :  
BNA\_F  
ClientSampleId :

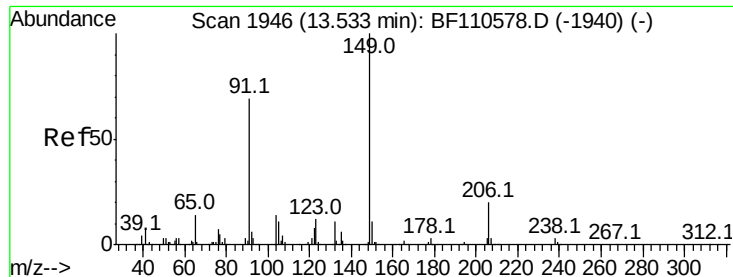
Tot Ion:202 Resp: 410482  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.8 26.6  
203 17.2 14.2 21.4



#79  
Terphenyl-d14  
Concen: 61.797 ng  
RT: 13.06 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

Tgt Ion:244 Resp: 441532  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.8 8.8  
122 11.0 8.7 13.1





#80

Butylbenzylphthalate

Concen: 42.086 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

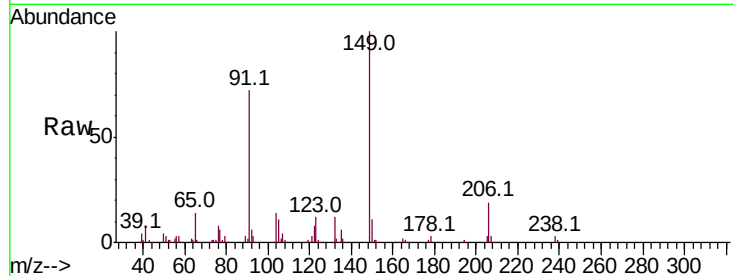
Tot Ion:149 Resp: 186629

Ion Ratio Lower Upper

149 100

91 71.7 57.2 85.8

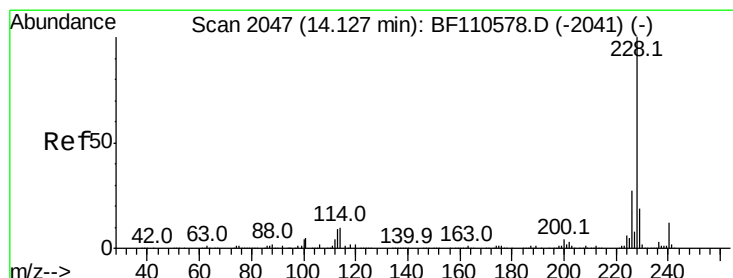
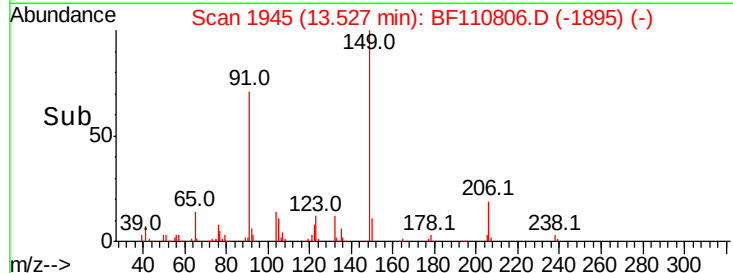
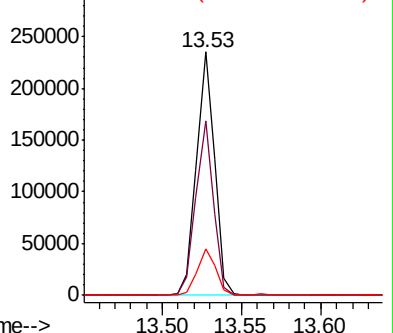
206 18.9 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 48.644 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

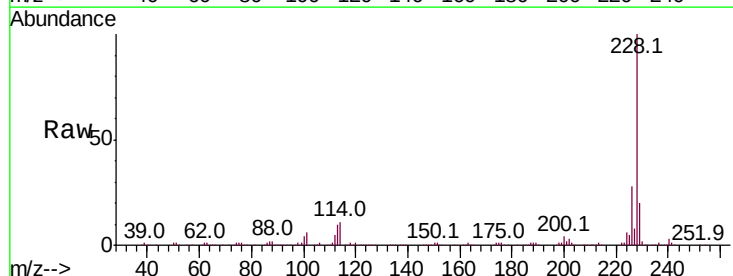
Tgt Ion:228 Resp: 389041

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

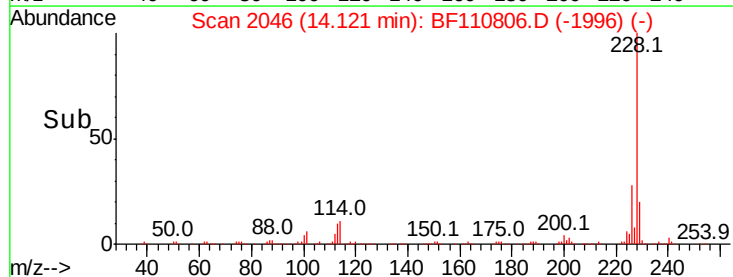
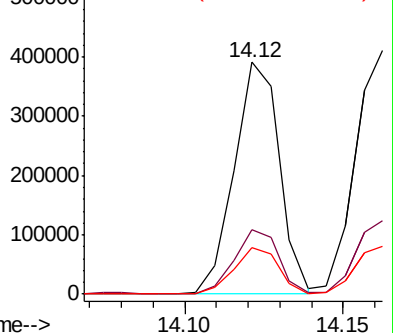
229 20.1 15.6 23.4

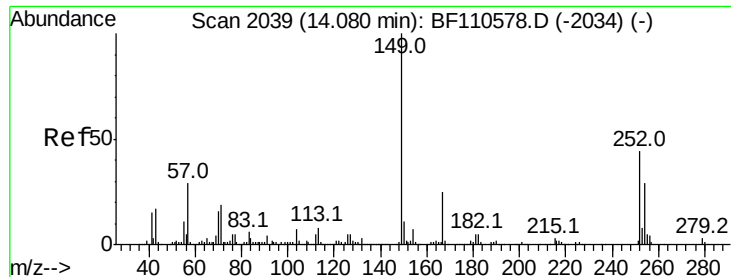


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

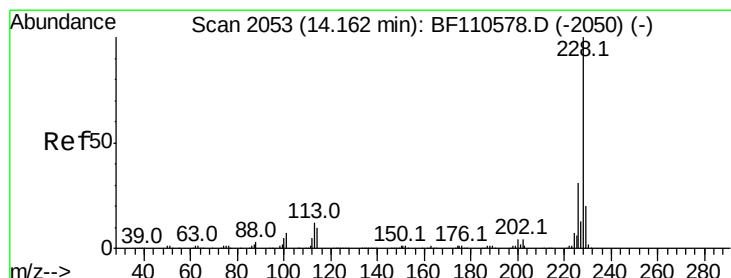
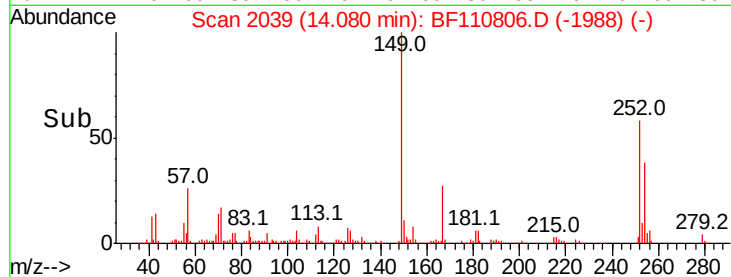
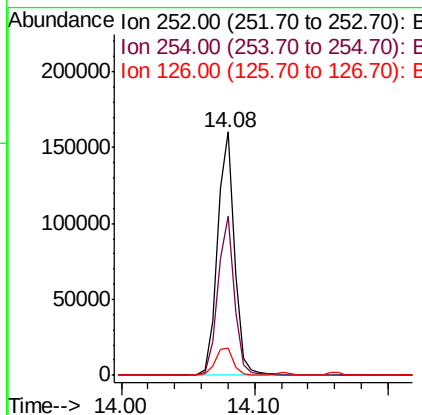
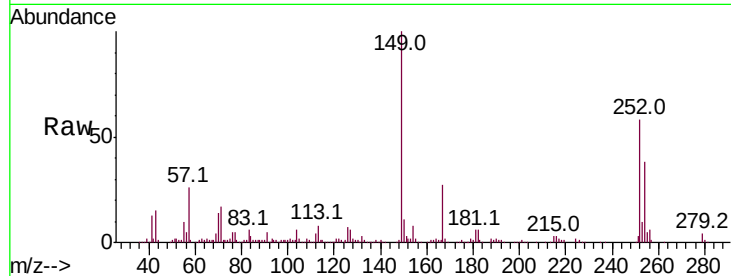




#82  
 3,3'-Dichlorobenzidine  
 Concen: 53.998 ng  
 RT: 14.08 min Scan# 2039  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

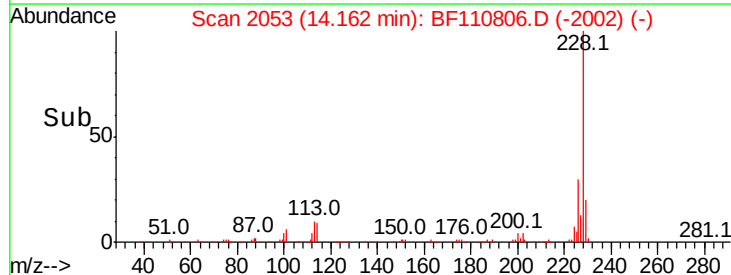
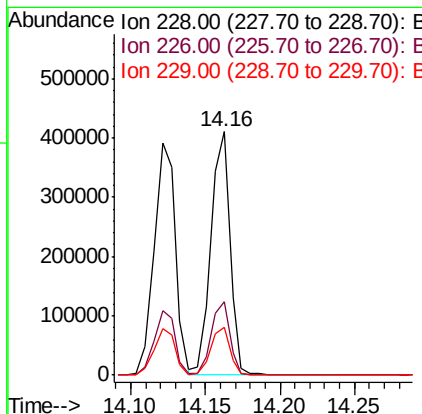
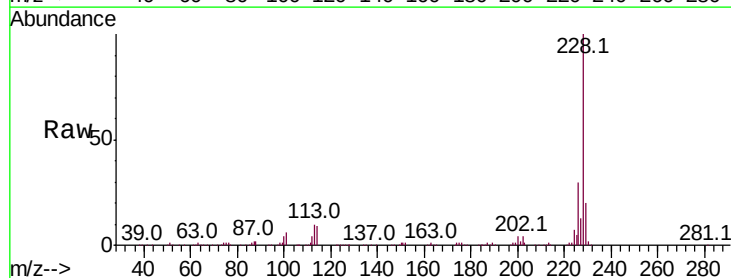
Instrument :  
 BNA\_F  
 ClientSampled :

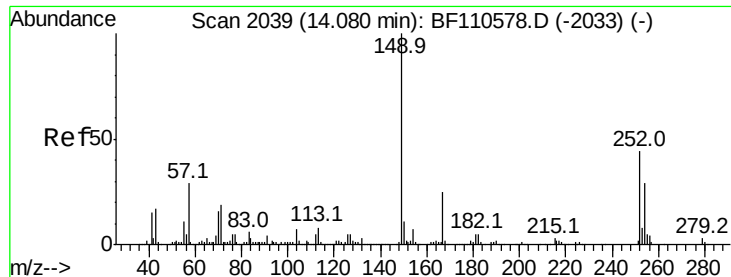
Tot Ion:252 Resp: 144671  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 51.3 76.9  
 126 11.4 9.4 14.2



#83  
 Chrysene  
 Concen: 47.836 ng  
 RT: 14.16 min Scan# 2053  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:228 Resp: 364489  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 24.7 37.1  
 229 19.8 15.9 23.9

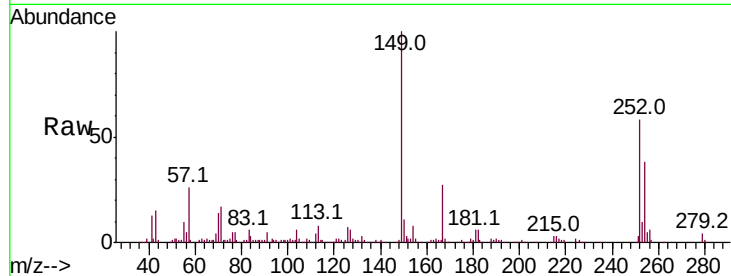




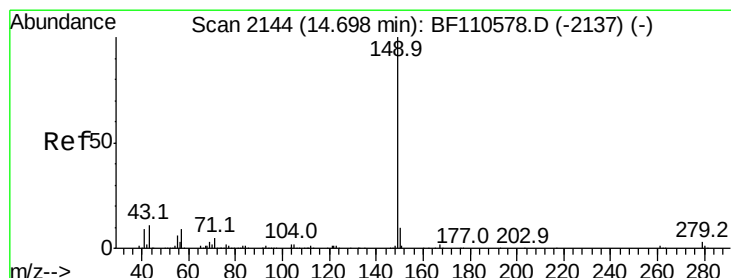
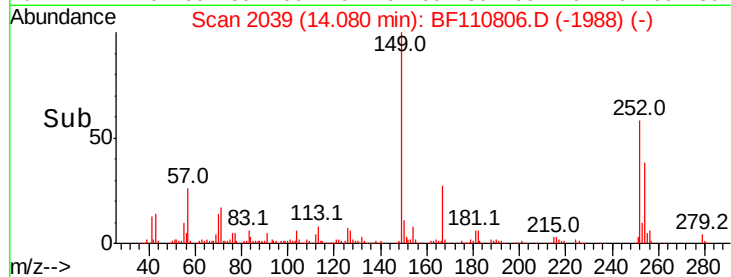
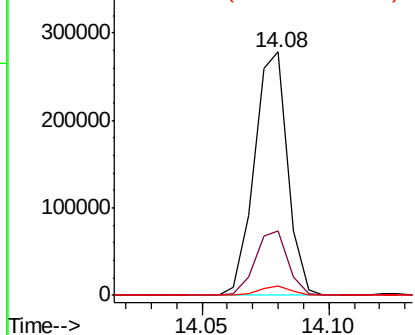
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.042 ng  
 RT: 14.08 min Scan# 2039  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 253280  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 19.8 29.8  
 279 4.1 2.7 4.1#

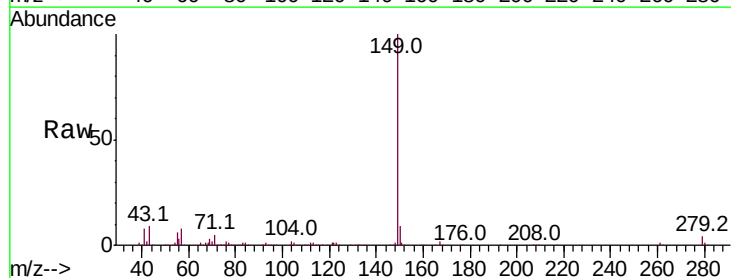


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

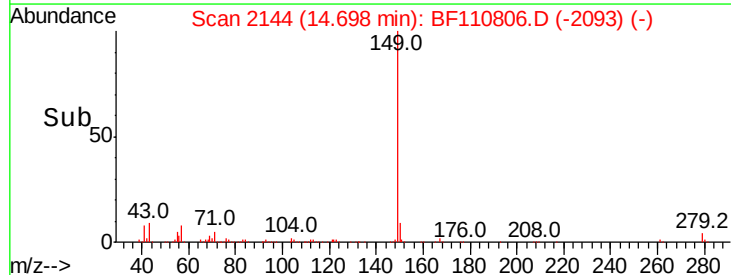
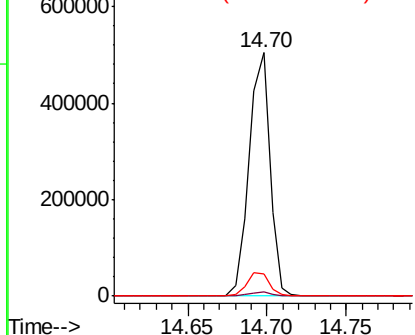


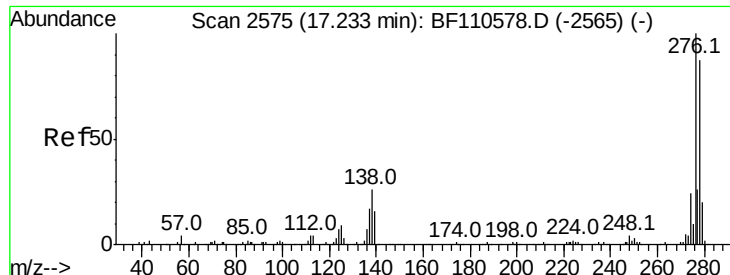
#85  
 Di-n-octyl phthalate  
 Concen: 57.148 ng  
 RT: 14.70 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: BF110806.D  
 Acq: 15 Nov 2018 23:24

Tgt Ion:149 Resp: 462299  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.1 1.7  
 43 10.2 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





#86

Indeno(1,2,3-cd)pyrene

Concen: 43.287 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

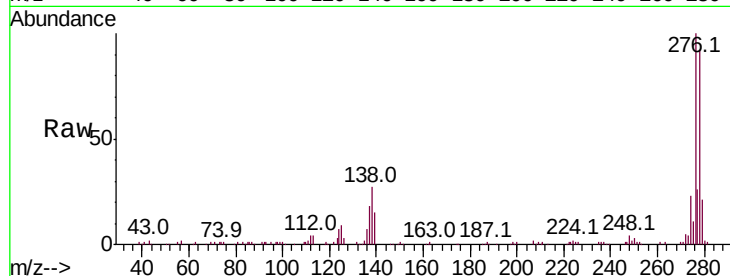
Tot Ion:276 Resp: 236681

Ion Ratio Lower Upper

276 100

138 25.1 18.5 27.7

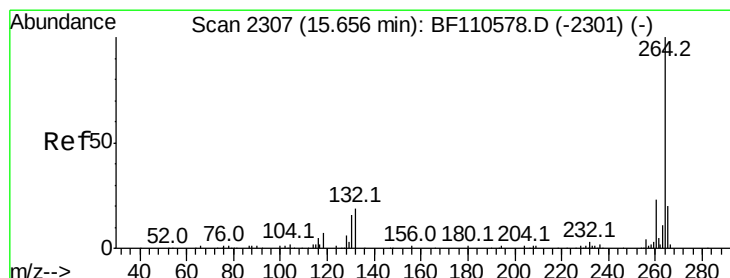
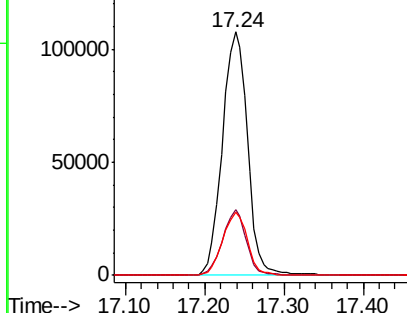
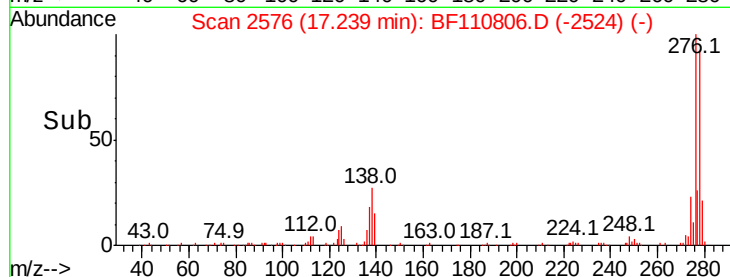
277 25.4 20.0 30.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

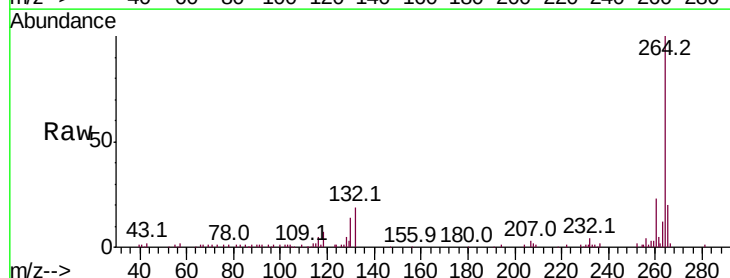
Tgt Ion:264 Resp: 99873

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

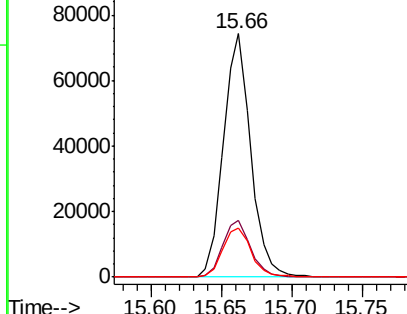
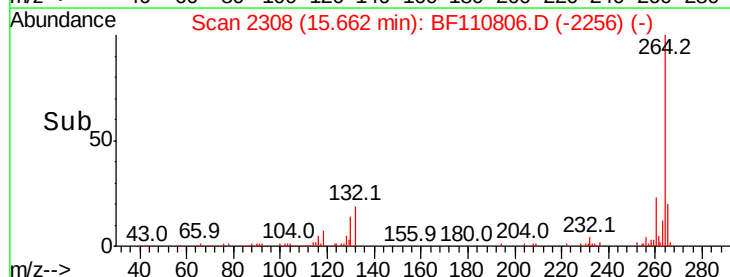
265 20.1 16.7 25.1

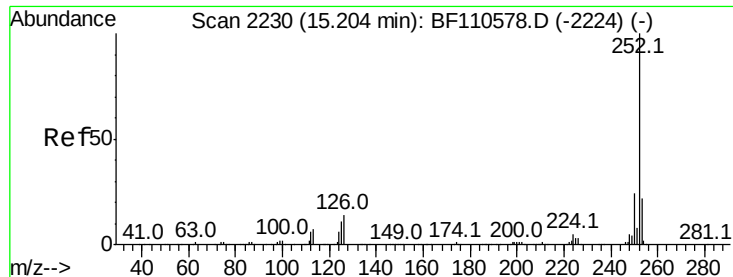


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

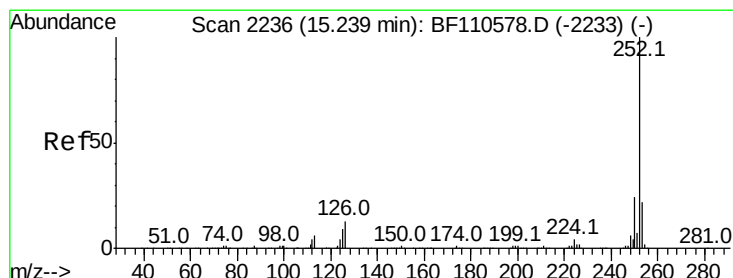
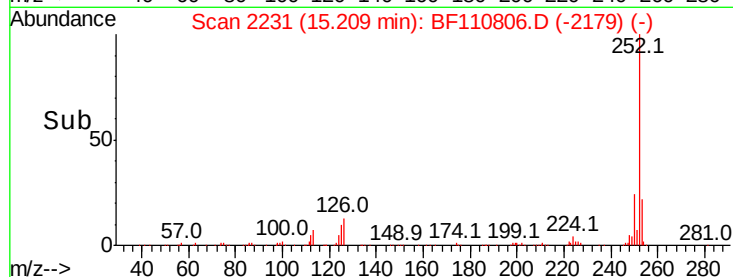
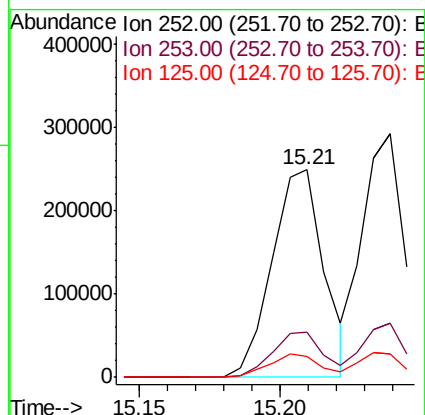
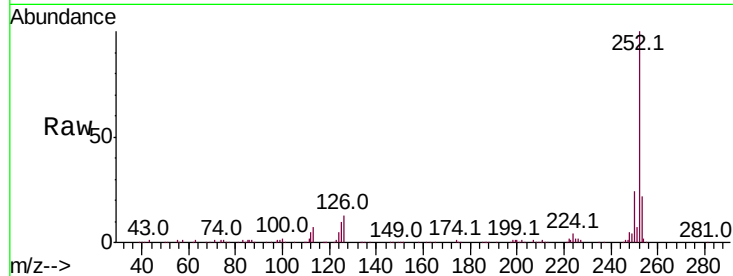




#88  
Benzo(b)fluoranthene  
Concen: 53.256 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. 0.01 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

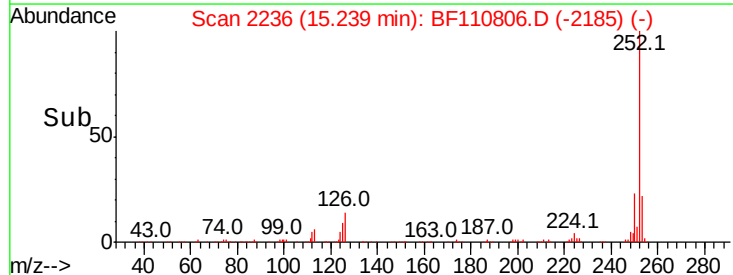
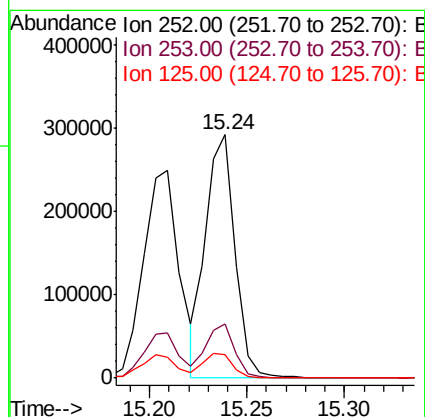
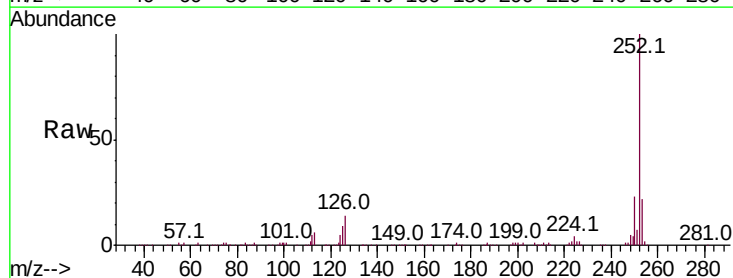
Instrument :  
BNA\_F  
ClientSampleId :

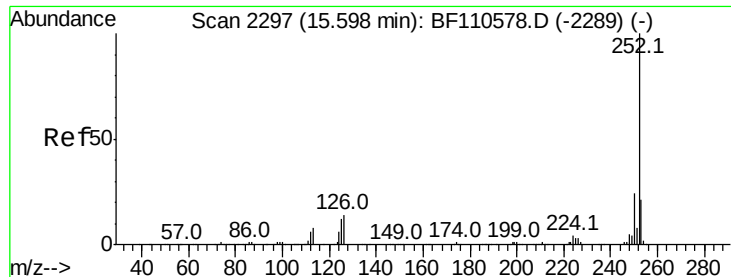
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.2  | 25.8  |
| 125     | 9.9   | 8.2   | 12.4  |



#89  
Benzo(k)fluoranthene  
Concen: 51.368 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.00 min  
Lab File: BF110806.D  
Acq: 15 Nov 2018 23:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.2  | 25.8  |
| 125     | 9.4   | 7.4   | 11.0  |





#90

Benzo(a)pyrene

Concen: 49.913 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

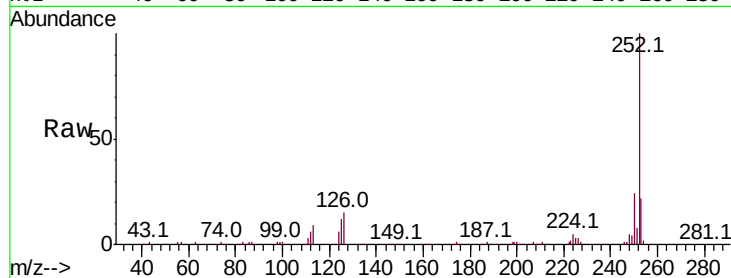
Tot Ion:252 Resp: 270955

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

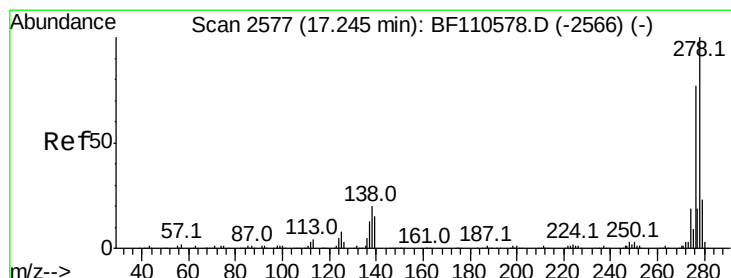
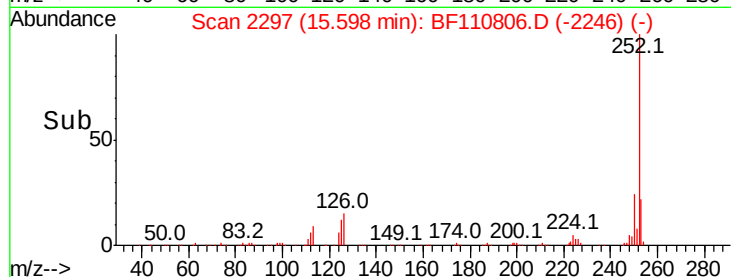
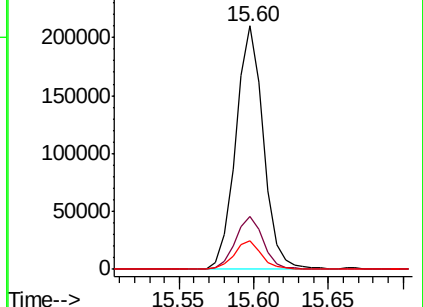
125 11.8 9.0 13.6



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



#91

Dibenzo(a,h)anthracene

Concen: 43.750 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

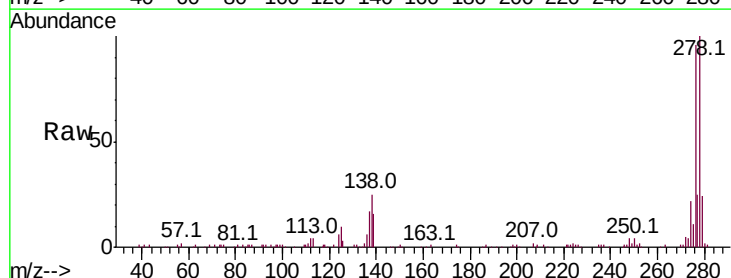
Tgt Ion:278 Resp: 200980

Ion Ratio Lower Upper

278 100

139 16.0 12.7 19.1

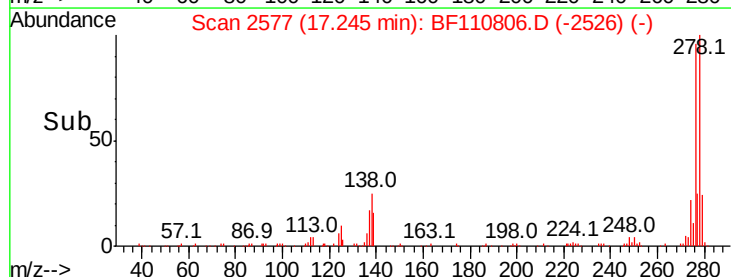
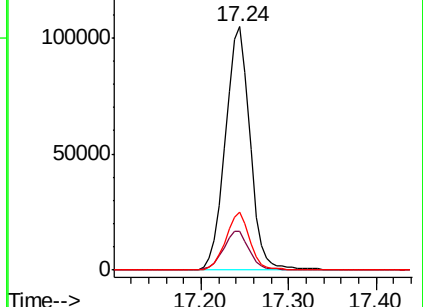
279 23.7 19.0 28.4



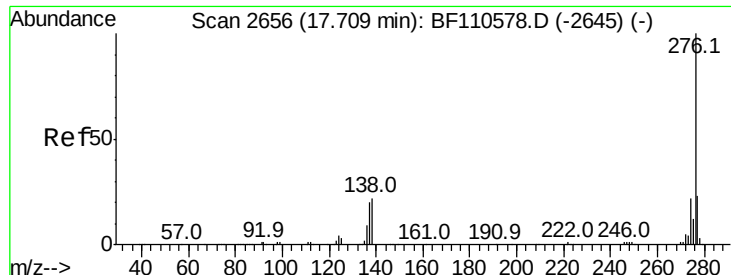
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#92

Benzo(a,h,i)perylene

Concen: 41.525 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.01 min

Lab File: BF110806.D

Acq: 15 Nov 2018 23:24

Instrument :

BNA\_F

ClientSampleId :

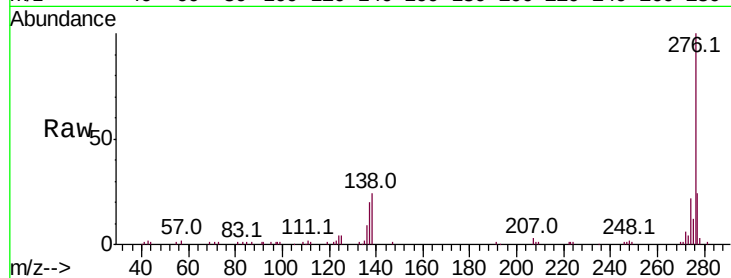
Tot Ion:276 Resp: 189270

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 24.1 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

