

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060616\  
 Data File : BF087769.D  
 Acq On : 7 Jun 2016 1:55  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Quant Time: Jun 07 02:29:33 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 04 11:07:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 120563   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.14  | 136  | 419346   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.90  | 164  | 175007   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.37 | 188  | 287194   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.00 | 240  | 195312   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.43 | 264  | 174157   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.44  | 112 | 536827  | 71.97  | ng | -0.01 |
| 7) Phenol-d6                | 6.49  | 99  | 679751  | 72.67  | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.42  | 82  | 605580  | 83.55  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.67 | 330 | 119897  | 68.25  | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.22  | 172 | 1094492 | 103.19 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.96 | 244 | 793357  | 99.12  | ng | -0.01 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.43 | 88  | 142815 | 39.61  | ng | # 34 |
| 3) Pyridine                    | 3.16 | 79  | 371092 | 38.96  | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.11 | 42  | 145197 | 36.08  | ng | 92   |
| 6) Aniline                     | 6.51 | 93  | 451199 | 34.03  | ng | 98   |
| 8) 2-Chlorophenol              | 6.64 | 128 | 336938 | 39.25  | ng | 88   |
| 9) Benzaldehyde                | 6.40 | 77  | 224174 | 35.45  | ng | 97   |
| 10) Phenol                     | 6.50 | 94  | 419307 | 39.36  | ng | 83   |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 317689 | 41.05  | ng | 89   |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 342325 | 37.25  | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 332445 | 36.05  | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 337568 | 39.05  | ng | 97   |
| 15) Benzyl Alcohol             | 6.99 | 79  | 232444 | 33.63  | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 406964 | 36.06  | ng | 91   |
| 17) 2-Methylphenol             | 7.11 | 107 | 244533 | 35.48  | ng | 99   |
| 18) Hexachloroethane           | 7.37 | 117 | 99496  | 30.85  | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 219333 | 37.54  | ng | # 85 |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 286717 | 33.96  | ng | # 78 |
| 22) Acetophenone               | 7.27 | 105 | 381410 | 40.16  | ng | # 89 |
| 24) Nitrobenzene               | 7.44 | 77  | 306744 | 42.29  | ng | 90   |
| 25) Isophorone                 | 7.68 | 82  | 534519 | 40.51  | ng | 100  |
| 26) 2-Nitrophenol              | 7.76 | 139 | 119863 | 35.56  | ng | # 70 |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 255542 | 36.58  | ng | 94   |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 369815 | 44.18  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 249089 | 43.42  | ng | 94   |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 245704 | 40.90  | ng | 99   |
| 31) Naphthalene                | 8.16 | 128 | 782792 | 38.39  | ng | 100  |
| 32) Benzoic acid               | 7.90 | 122 | 95103  | 22.57  | ng | 96   |
| 33) 4-Chloroaniline            | 8.20 | 127 | 355917 | 40.19  | ng | 98   |
| 34) Hexachlorobutadiene        | 8.28 | 225 | 145035 | 46.43  | ng | 99   |
| 35) Caprolactam                | 8.58 | 113 | 62979  | 33.42  | ng | 95   |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 230283 | 38.80  | ng | 85   |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 548228 | 40.72  | ng | 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 222776 | 46.19  | ng | # 1  |
| 40) Hexachlorocyclopentadiene  | 9.00 | 237 | 19597  | 6.91   | ng | 98   |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060616\  
 Data File : BF087769.D  
 Acq On : 7 Jun 2016 1:55  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

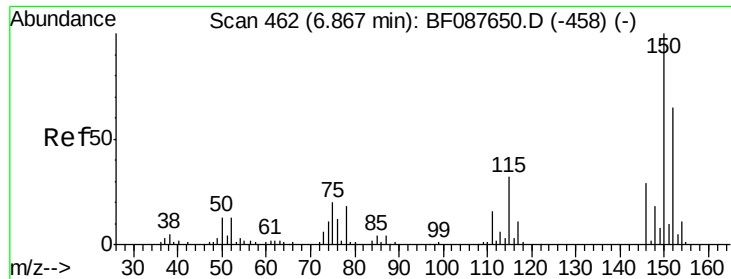
Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Quant Time: Jun 07 02:29:33 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 04 11:07:28 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.13  | 196  | 152723   | 41.93 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.16  | 196  | 129022   | 38.06 | ng #  | 88       |
| 45) 1,1'-Biphenyl              | 9.31  | 154  | 579909   | 40.83 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.34  | 162  | 449854   | 39.79 | ng    | 100      |
| 47) 2-Nitroaniline             | 9.43  | 65   | 136035   | 42.73 | ng    | 99       |
| 48) Acenaphthylene             | 9.76  | 152  | 716482   | 40.64 | ng    | 98       |
| 49) Dimethylphthalate          | 9.62  | 163  | 593846   | 46.67 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.68  | 165  | 117767   | 40.68 | ng    | 93       |
| 51) Acenaphthene               | 9.93  | 154  | 432415   | 38.12 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.84  | 138  | 126451   | 38.19 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 9.94  | 184  | 5053     | 7.54  | ng #  | 86       |
| 54) Dibenzofuran               | 10.10 | 168  | 616777   | 39.93 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.00 | 139  | 84381    | 29.82 | ng #  | 84       |
| 56) 2,4-Dinitrotoluene         | 10.08 | 165  | 131214   | 35.60 | ng    | 98       |
| 57) Fluorene                   | 10.43 | 166  | 409836   | 33.95 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 102718   | 35.18 | ng #  | 57       |
| 59) Diethylphthalate           | 10.32 | 149  | 555034   | 43.44 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204  | 203249   | 42.90 | ng    | 97       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 137589   | 43.22 | ng    | 95       |
| 62) Azobenzene                 | 10.59 | 77   | 510224   | 39.67 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 10673    | 8.42  | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 10.55 | 169  | 384715   | 40.90 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.92 | 248  | 135666   | 47.64 | ng    | 94       |
| 67) Hexachlorobenzene          | 10.98 | 284  | 126072   | 39.59 | ng    | 99       |
| 68) Atrazine                   | 11.07 | 200  | 76289    | 27.38 | ng    | 92       |
| 69) Pentachlorophenol          | 11.18 | 266  | 63022    | 33.31 | ng    | 97       |
| 70) Phenanthrene               | 11.39 | 178  | 578120   | 37.13 | ng    | 100      |
| 71) Anthracene                 | 11.45 | 178  | 649498   | 41.63 | ng    | 99       |
| 72) Carbazole                  | 11.60 | 167  | 531707   | 36.00 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 781895   | 49.38 | ng #  | 98       |
| 74) Fluoranthene               | 12.58 | 202  | 627575   | 40.96 | ng    | 97       |
| 76) Benzidine                  | 12.71 | 184  | 332221   | 43.14 | ng    | 99       |
| 77) Pyrene                     | 12.81 | 202  | 659552   | 47.42 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.43 | 149  | 272831   | 46.09 | ng #  | 80       |
| 80) Benzo(a)anthracene         | 13.99 | 228  | 493607   | 43.79 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 155339   | 48.85 | ng #  | 95       |
| 82) Chrysene                   | 14.03 | 228  | 514245   | 45.84 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 380255   | 53.98 | ng #  | 94       |
| 84) Di-n-octyl phthalate       | 14.61 | 149  | 693690   | 52.97 | ng #  | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.81 | 276  | 402795   | 43.43 | ng #  | 100      |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 865510   | 76.40 | ng    | 100      |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 865510   | 91.82 | ng #  | 94       |
| 89) Benzo(a)pyrene             | 15.37 | 252  | 397392   | 41.73 | ng #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 16.83 | 278  | 341422   | 42.13 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.23 | 276  | 329193   | 40.26 | ng    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

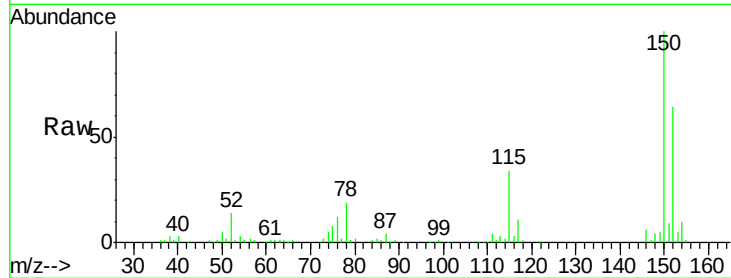
Tgt Ion:152 Resp: 120563

Ion Ratio Lower Upper

152 100

150 155.2 123.8 185.6

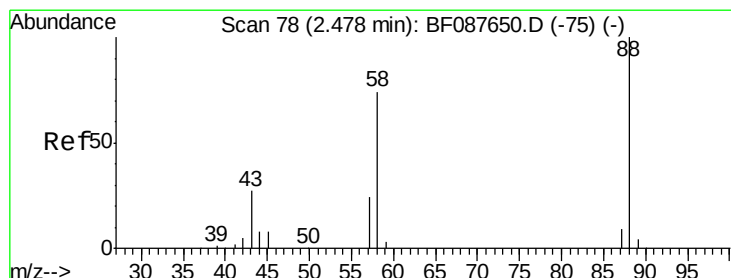
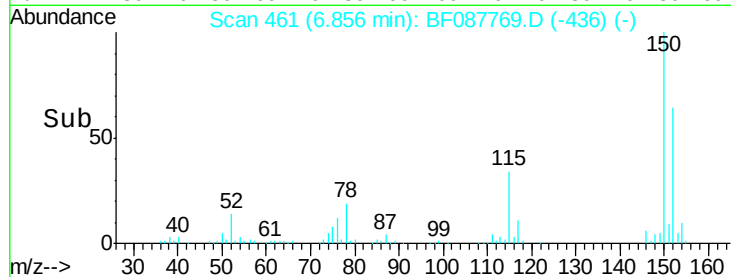
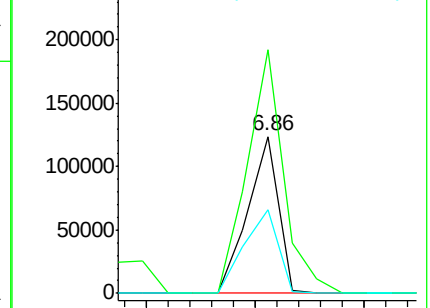
115 53.0 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.61 ng

RT: 2.43 min Scan# 74

Delta R.T. -0.05 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

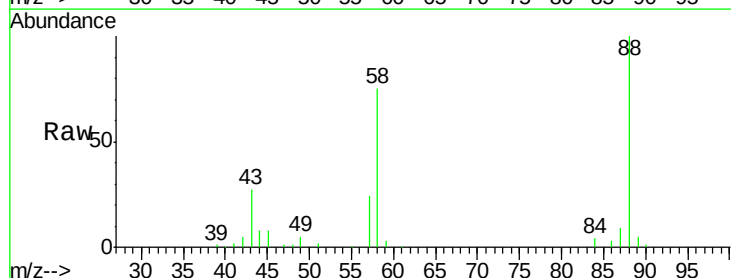
Tgt Ion: 88 Resp: 142815

Ion Ratio Lower Upper

88 100

58 71.9 0.0 0.0#

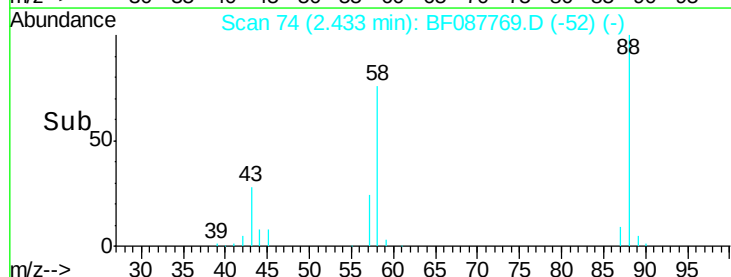
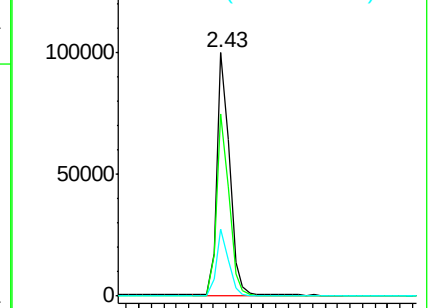
43 26.0 3.4 5.2#

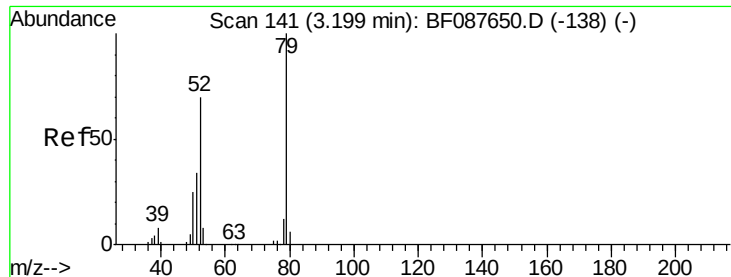


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.96 ng

RT: 3.16 min Scan# 138

Delta R.T. -0.03 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

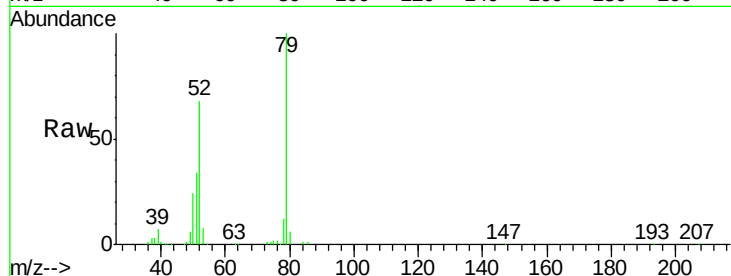
Tgt Ion: 79 Resp: 371092

Ion Ratio Lower Upper

79 100

52 68.1 56.3 84.5

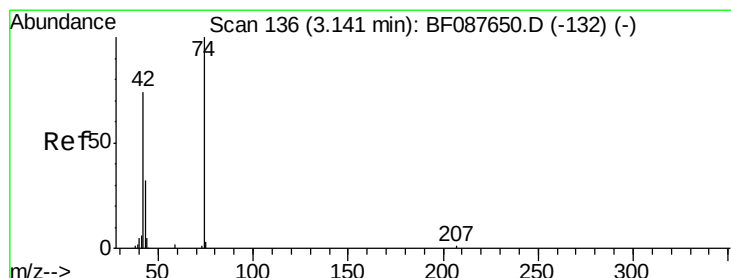
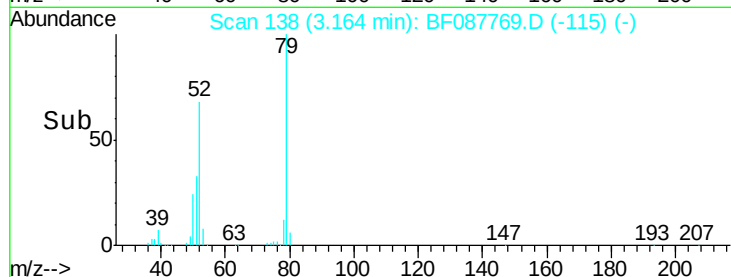
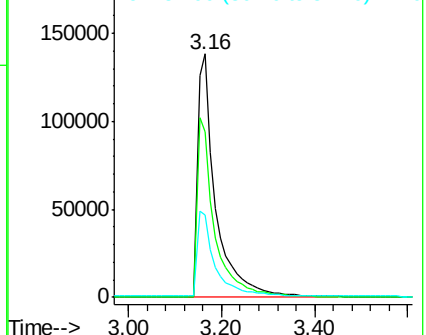
51 33.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.08 ng

RT: 3.11 min Scan# 133

Delta R.T. -0.03 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

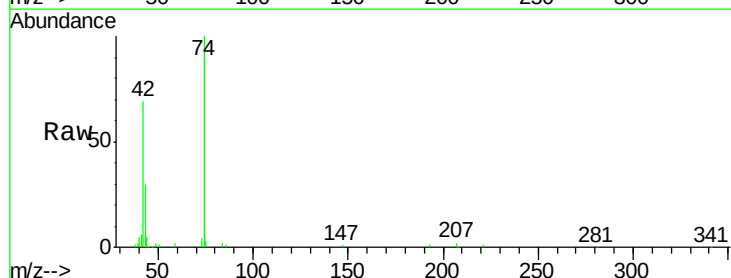
Tgt Ion: 42 Resp: 145197

Ion Ratio Lower Upper

42 100

74 145.4 108.6 163.0

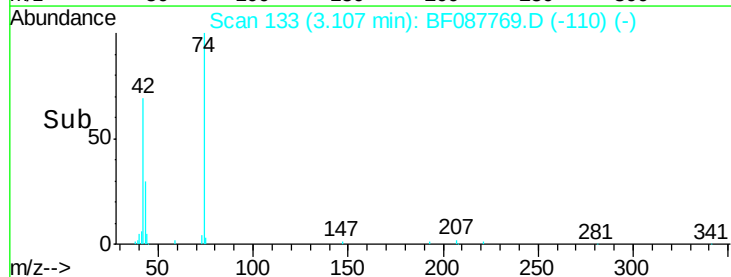
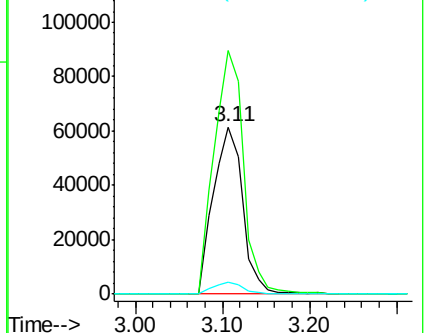
44 6.9 5.5 8.3

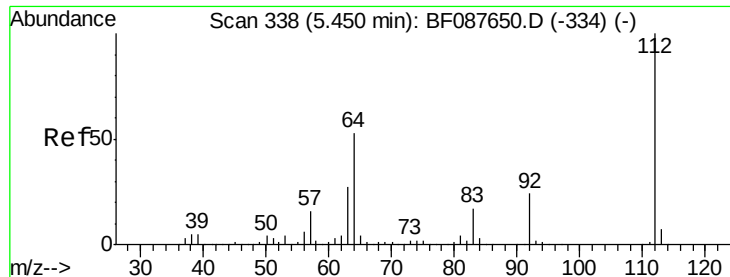


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 71.97 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

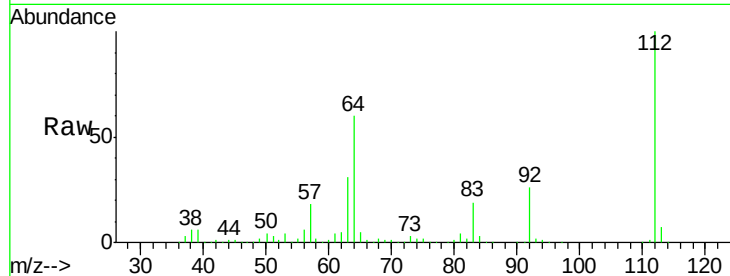
Tgt Ion: 112 Resp: 536827

Ion Ratio Lower Upper

112 100

64 60.3 42.2 63.2

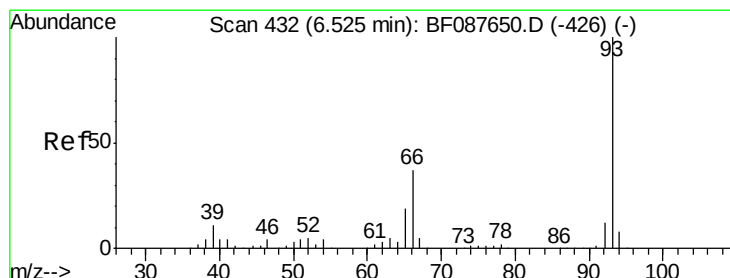
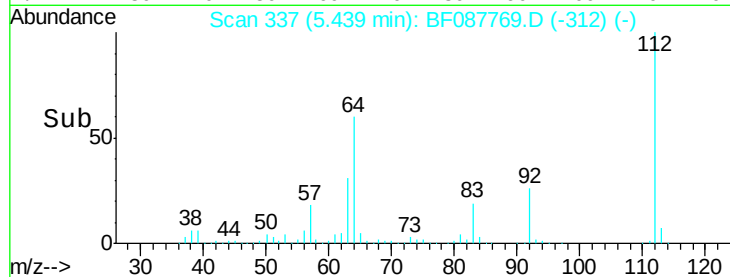
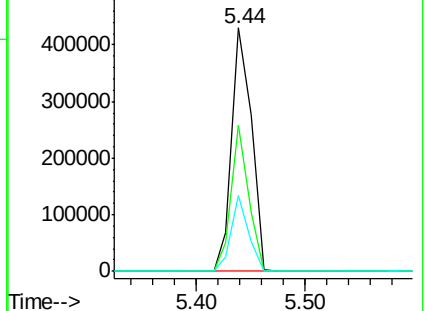
63 31.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.03 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

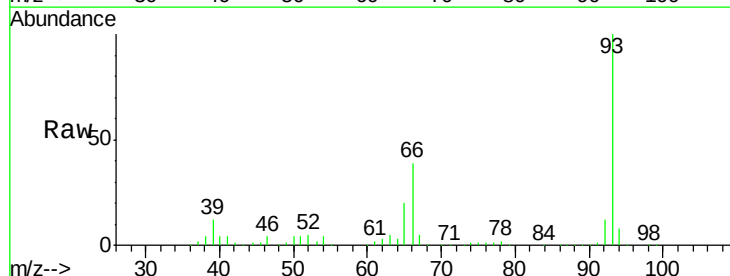
Tgt Ion: 93 Resp: 451199

Ion Ratio Lower Upper

93 100

66 38.6 29.8 44.8

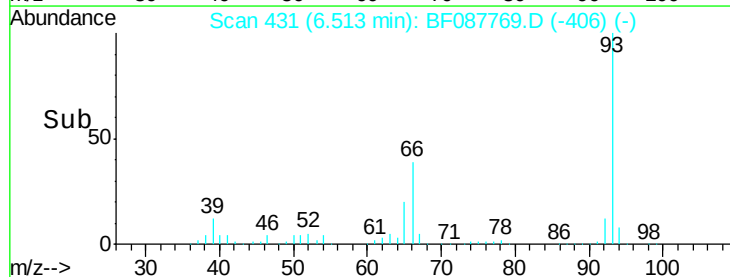
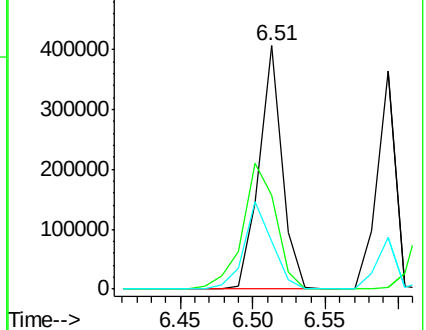
65 19.7 14.9 22.3

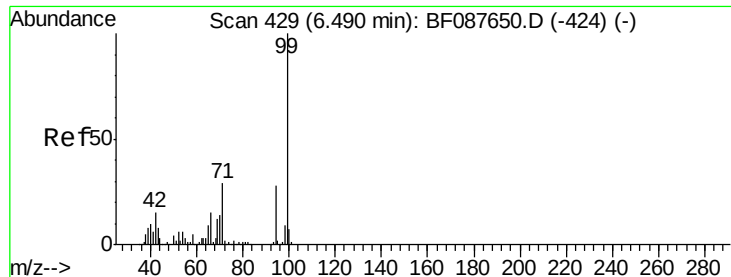


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.67 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

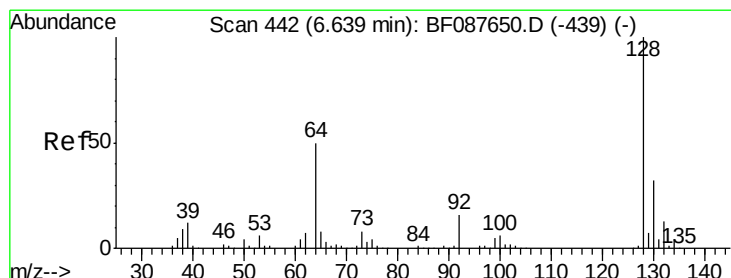
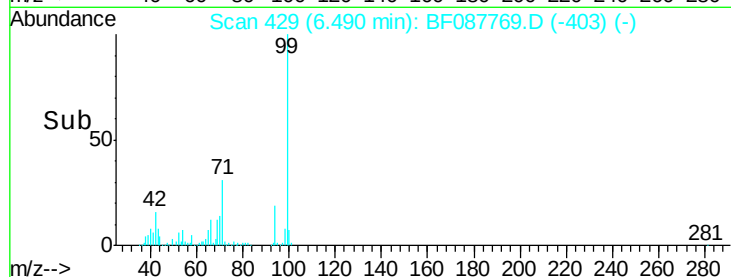
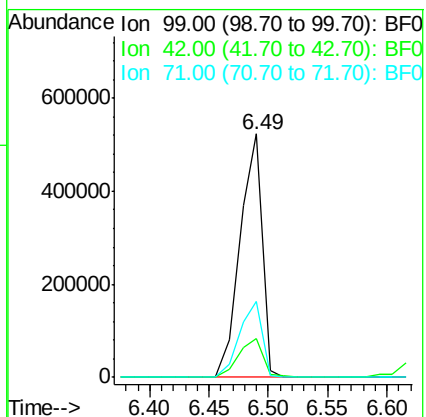
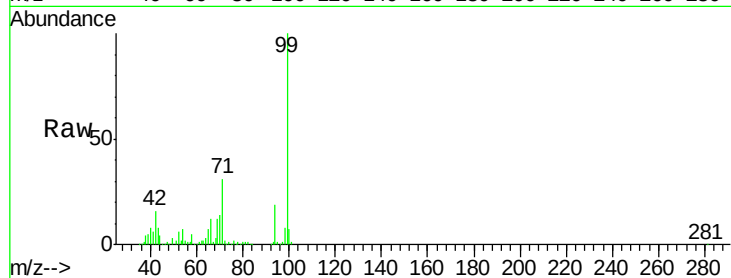
Tgt Ion: 99 Resp: 679751

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 31.4 23.4 35.0



#8

2-Chlorophenol

Concen: 39.25 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

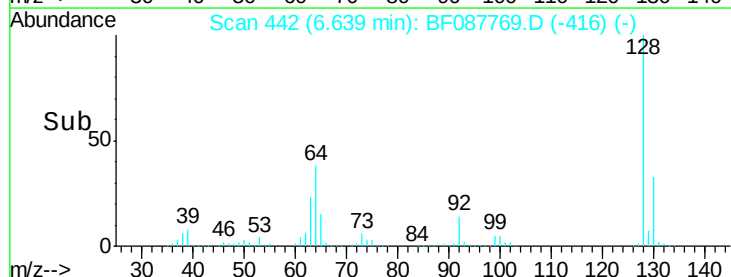
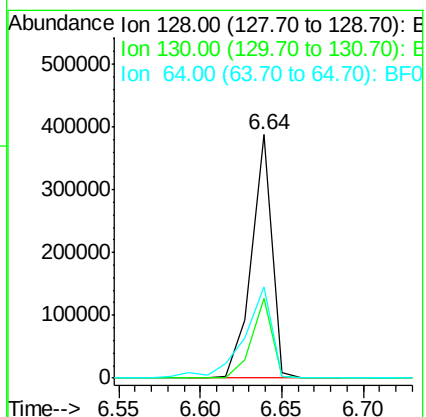
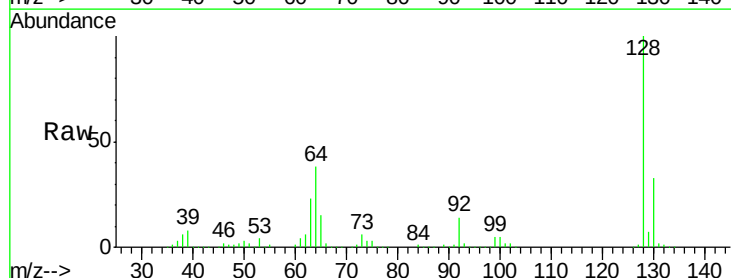
Tgt Ion: 128 Resp: 336938

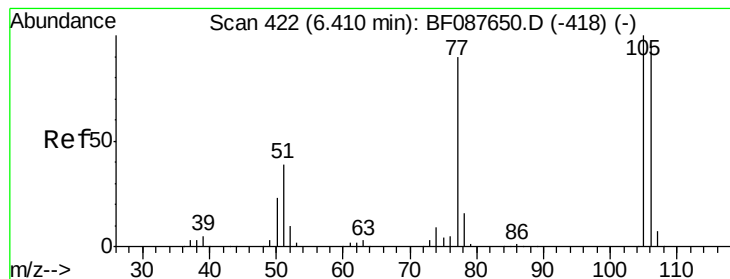
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 37.7 30.8 70.8





#9

Benzaldehyde

Concen: 35.45 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

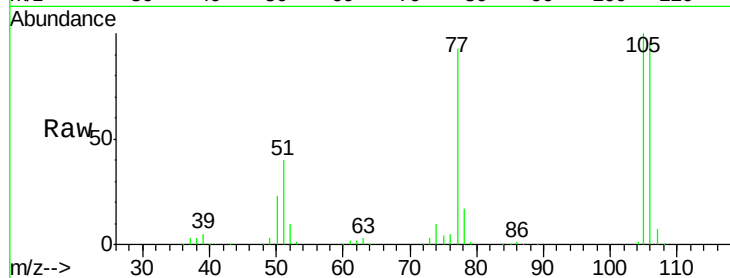
Tgt Ion: 77 Resp: 224174

Ion Ratio Lower Upper

77 100

105 107.5 90.6 130.6

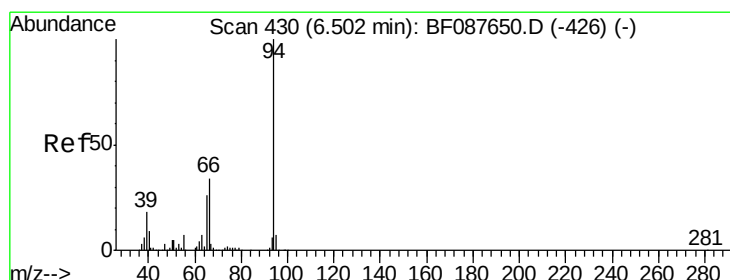
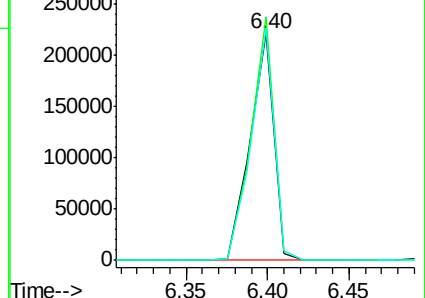
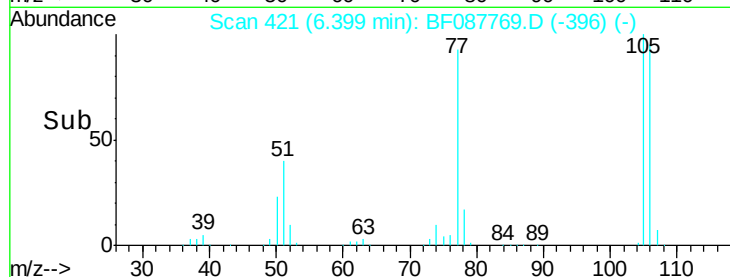
106 102.5 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.36 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

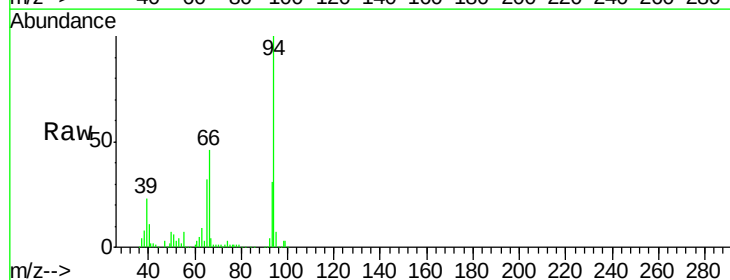
Tgt Ion: 94 Resp: 419307

Ion Ratio Lower Upper

94 100

65 32.1 5.9 45.9

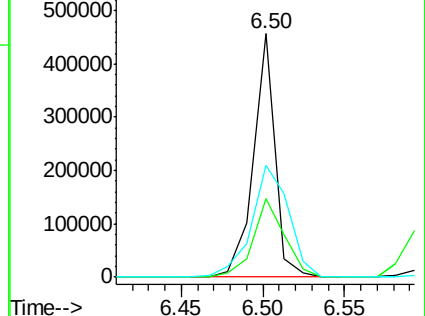
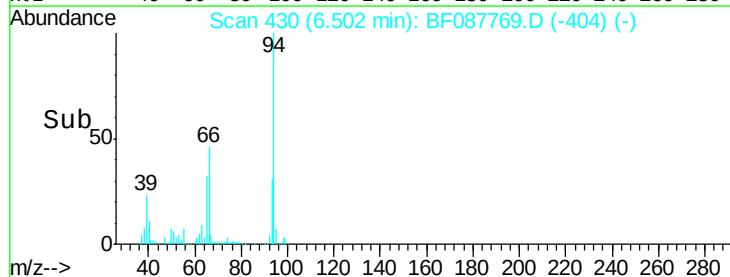
66 46.0 14.0 54.0



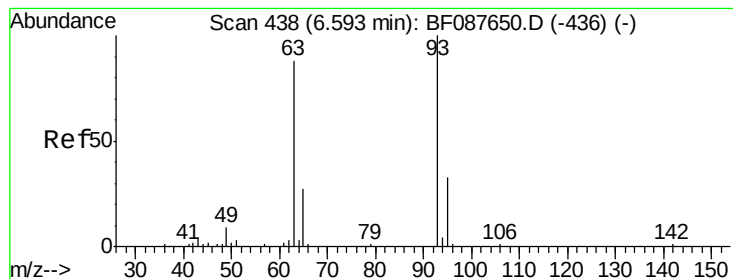
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 41.05 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

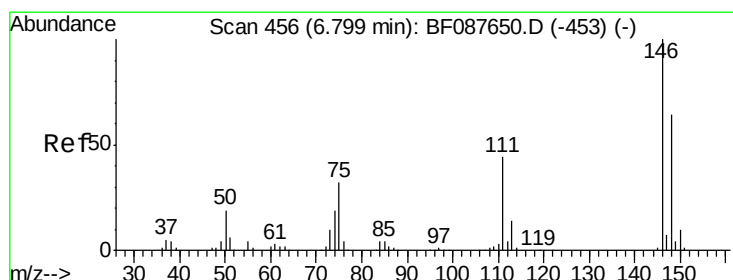
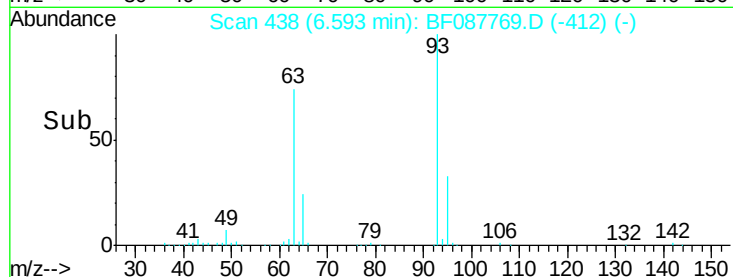
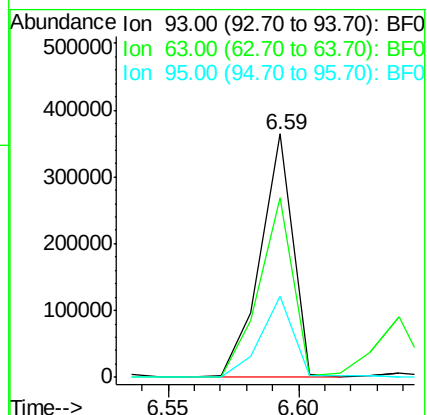
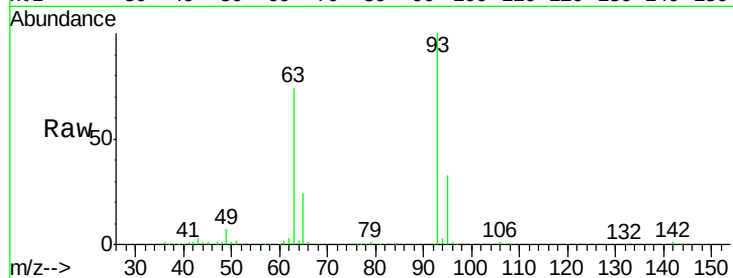
Tgt Ion: 93 Resp: 317689

Ion Ratio Lower Upper

93 100

63 73.7 67.6 107.6

95 33.3 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 37.25 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

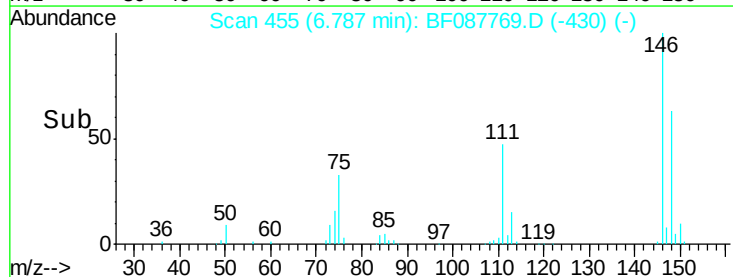
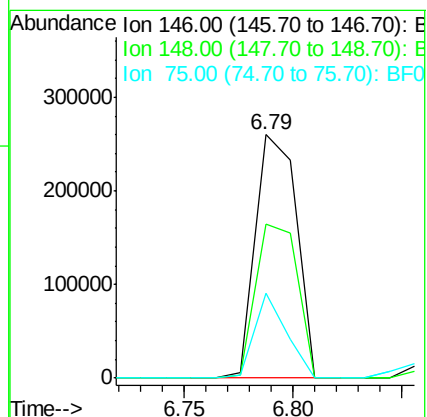
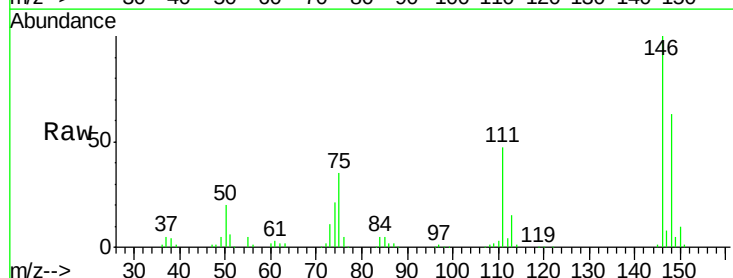
Tgt Ion: 146 Resp: 342325

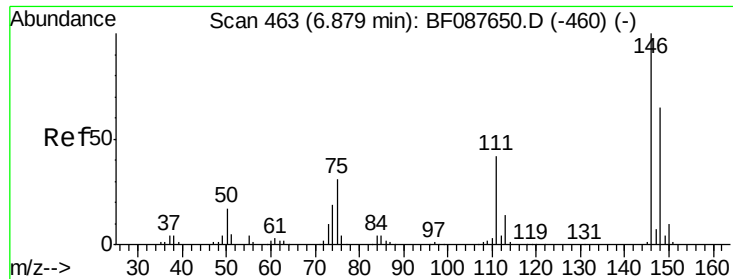
Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

75 35.0 25.6 38.4

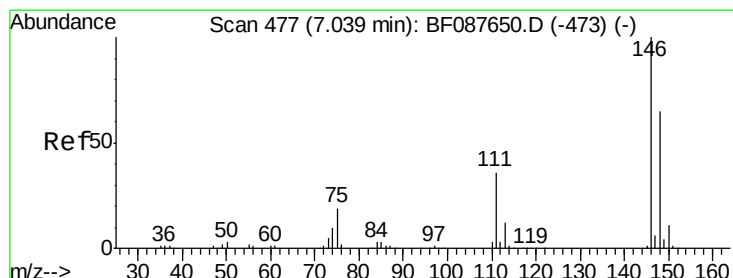
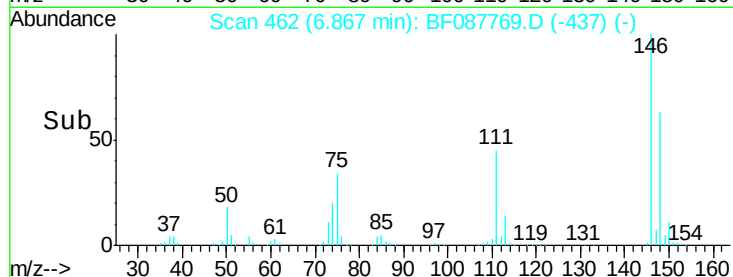
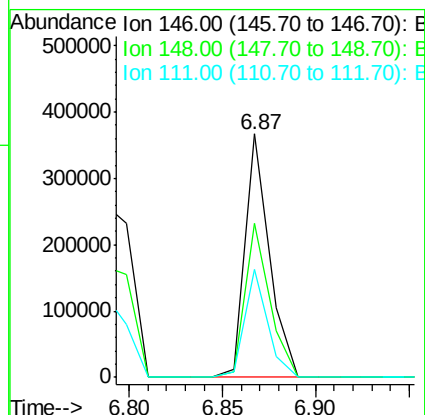
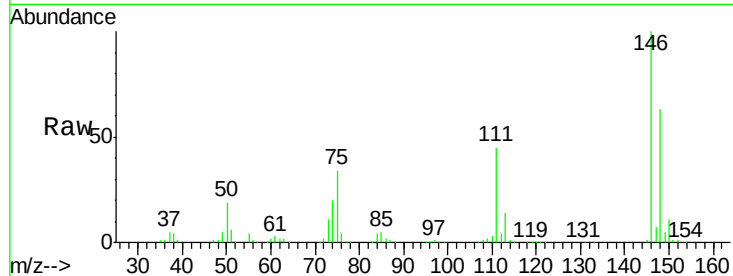




#13  
 1,4-Dichlorobenzene  
 Concen: 36.05 ng  
 RT: 6.87 min Scan# 462  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

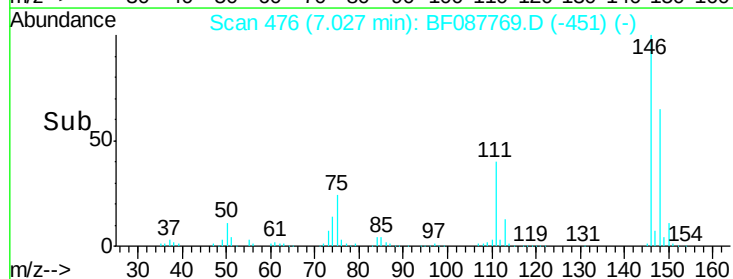
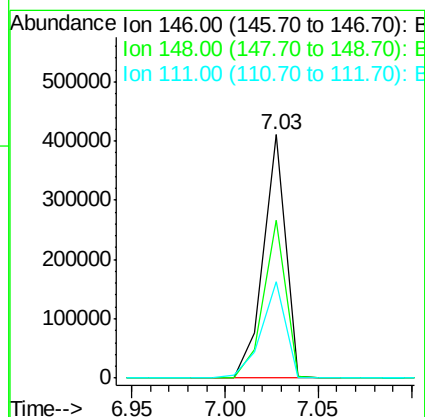
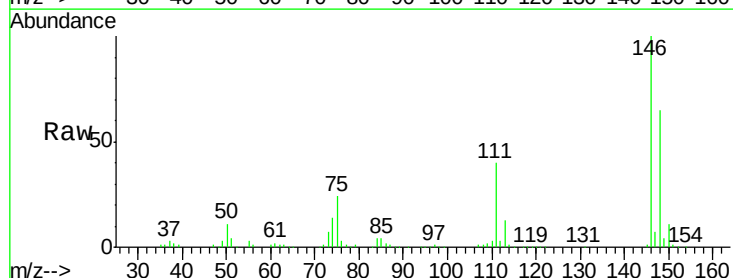
Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

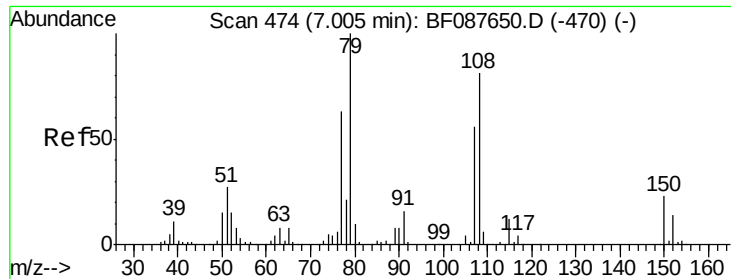
Tgt Ion:146 Resp: 332445  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 52.0 78.0  
 111 44.6 33.8 50.8



#14  
 1,2-Dichlorobenzene  
 Concen: 39.05 ng  
 RT: 7.03 min Scan# 476  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:146 Resp: 337568  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 52.3 78.5  
 111 39.9 28.7 43.1

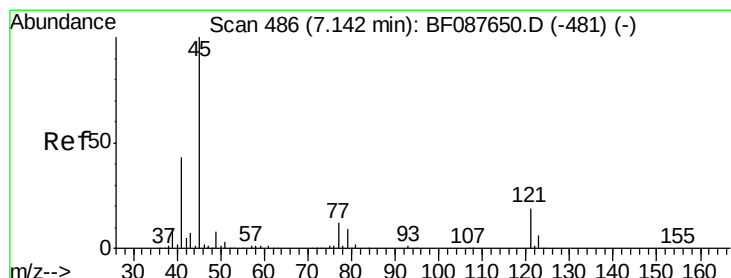
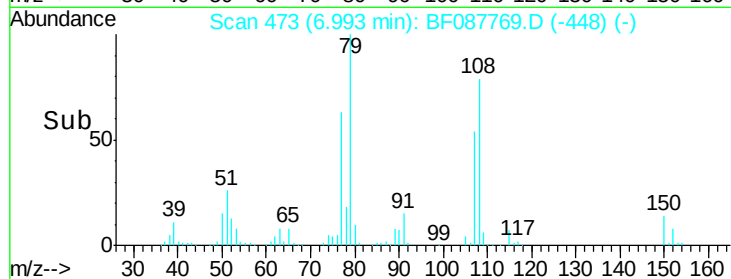
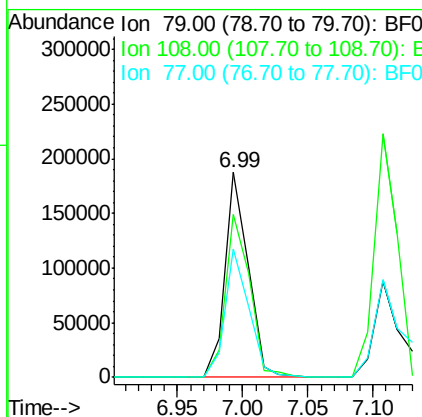
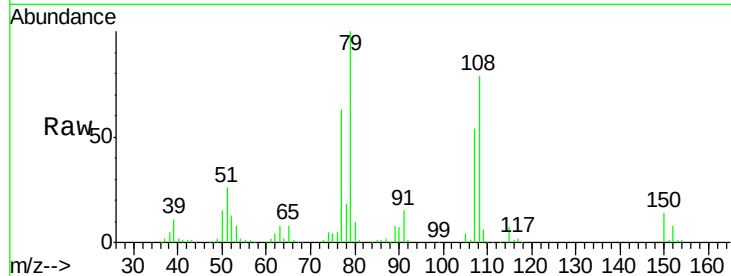




#15  
Benzyl Alcohol  
Concen: 33.63 ng  
RT: 6.99 min Scan# 473  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

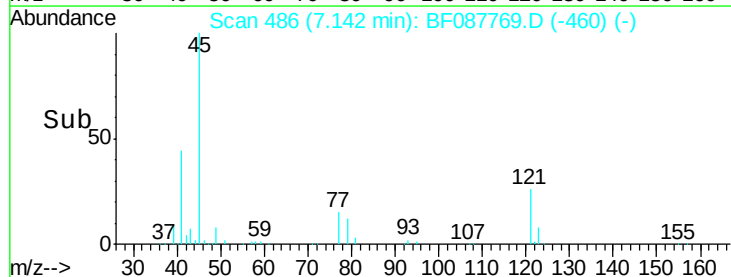
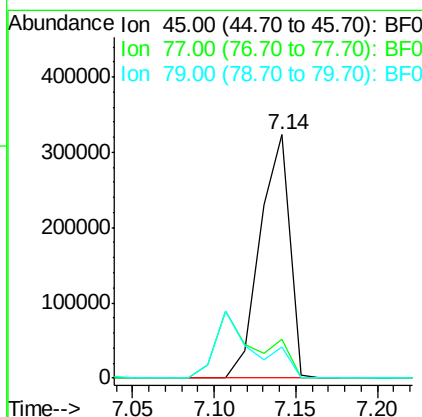
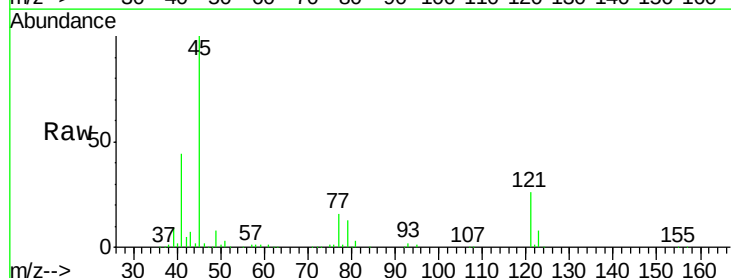
Instrument :  
BNA\_F  
ClientSampleId :  
W-12

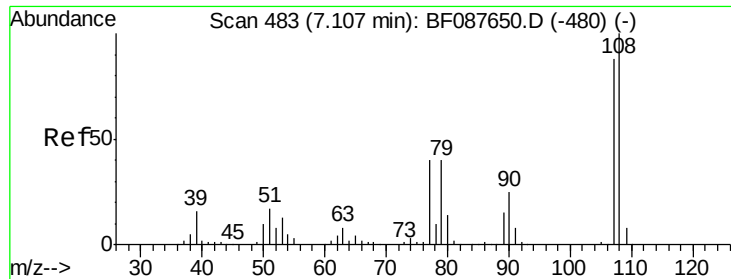
Tgt Ion: 79 Resp: 232444  
Ion Ratio Lower Upper  
79 100  
108 79.3 65.0 97.6  
77 62.7 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.06 ng  
RT: 7.14 min Scan# 486  
Delta R.T. -0.00 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion: 45 Resp: 406964  
Ion Ratio Lower Upper  
45 100  
77 15.7 0.0 32.5  
79 12.9 0.0 29.5

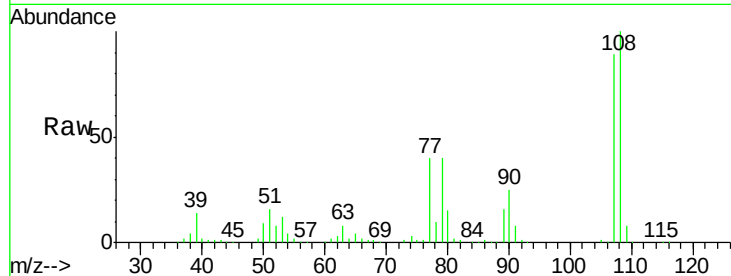




#17  
2-Methylphenol  
Concen: 35.48 ng  
RT: 7.11 min Scan# 483  
Delta R.T. -0.00 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Instrument :  
BNA\_F  
ClientSampleId :  
W-12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.2 | 90.9  | 136.3 |
| 77      | 45.0  | 36.6  | 55.0  |
| 79      | 44.6  | 36.5  | 54.7  |



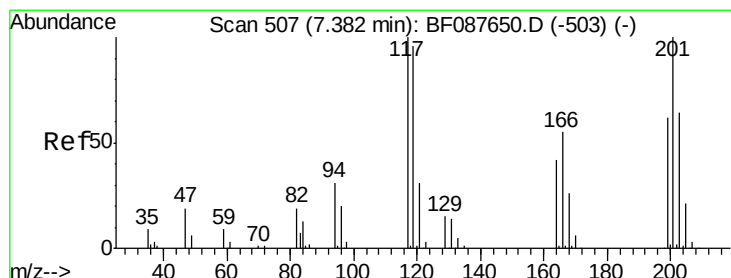
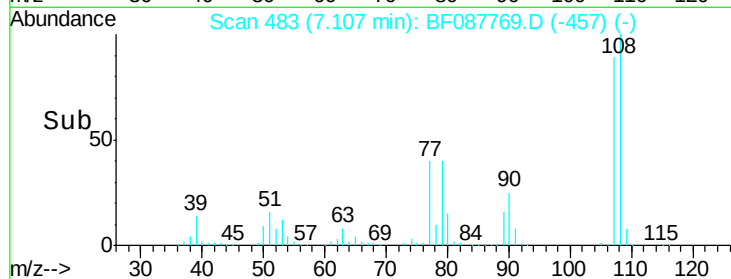
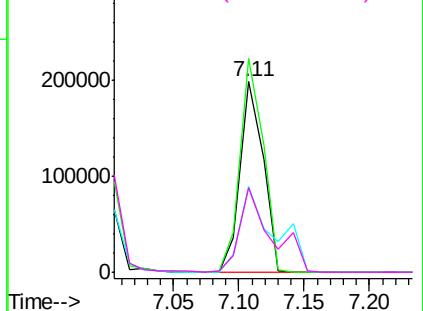
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

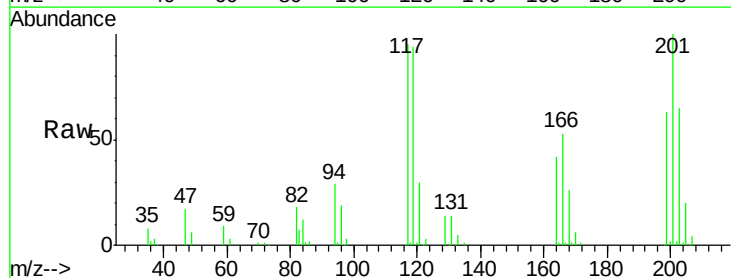
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 30.85 ng  
RT: 7.37 min Scan# 506  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.6  | 77.4  | 116.2 |
| 201     | 105.4 | 80.4  | 120.6 |

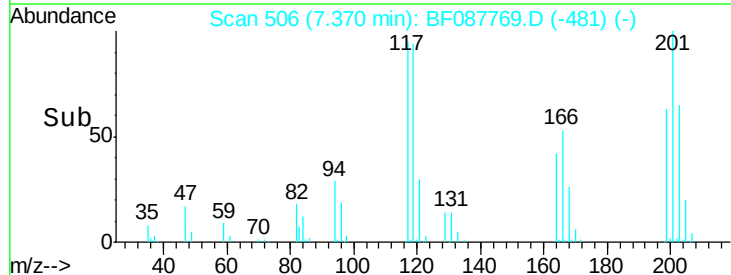
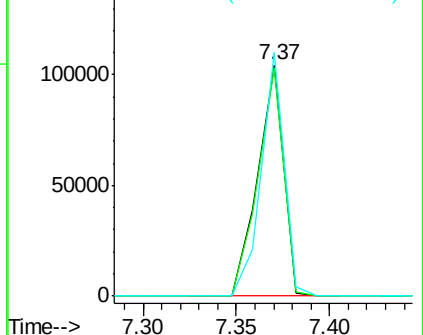


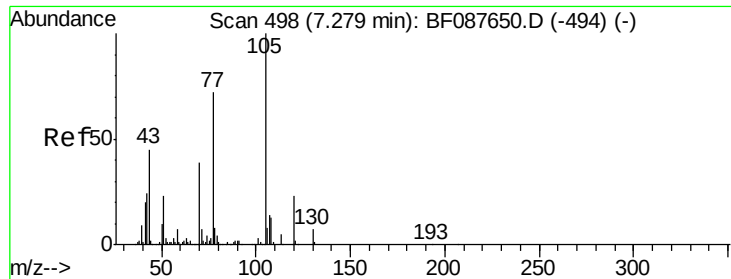
Abundance

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

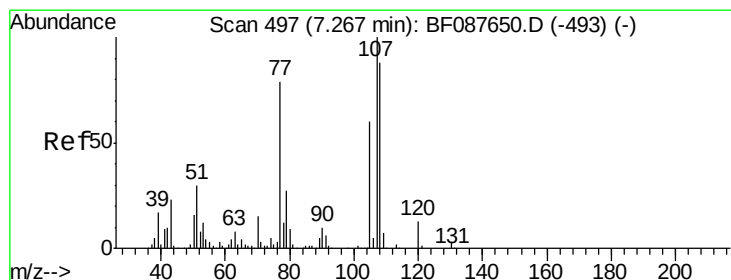
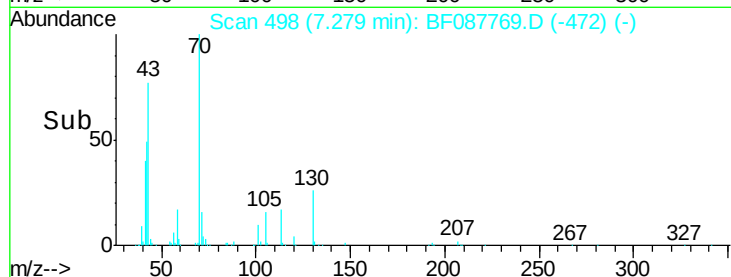
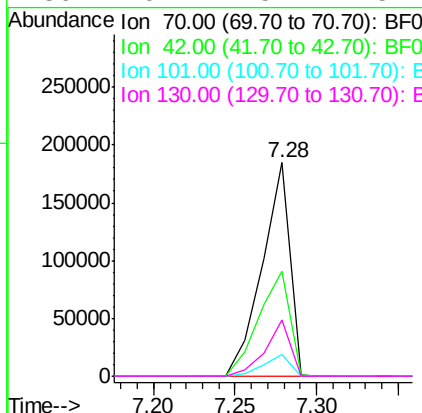
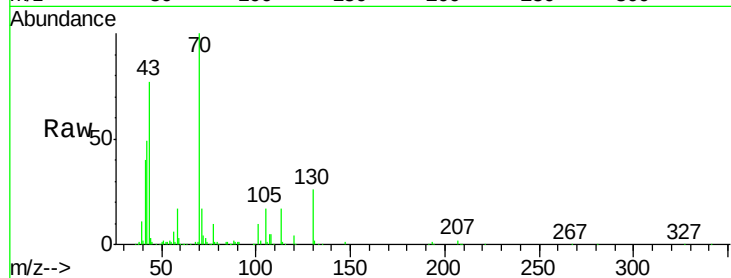




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.54 ng  
RT: 7.28 min Scan# 498  
Delta R.T. -0.00 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

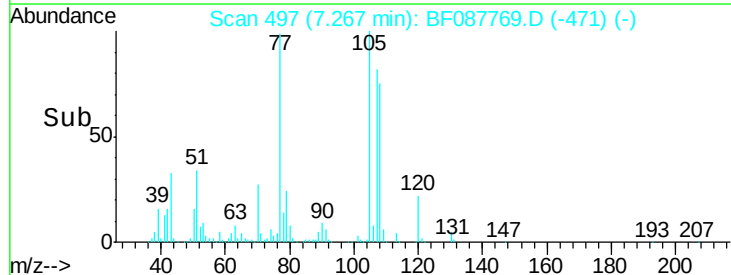
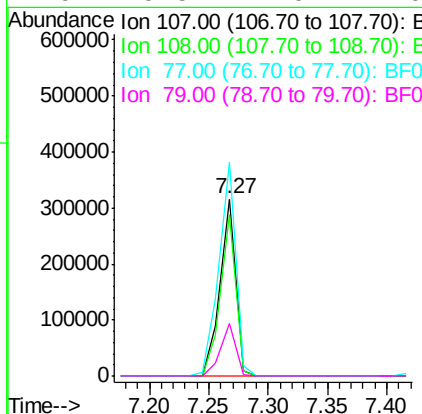
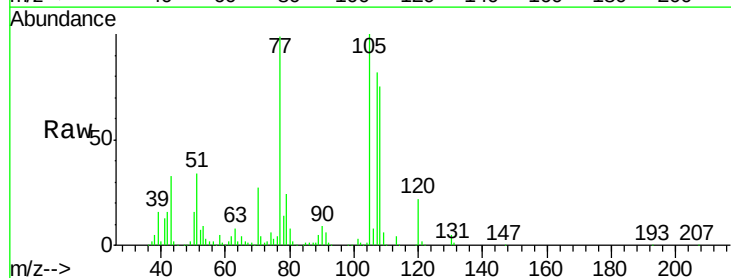
Instrument :  
BNA\_F  
ClientSampleId :  
W-12

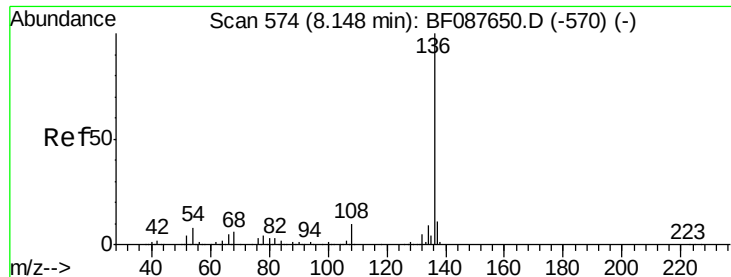
Tgt Ion: 70 Resp: 219333  
Ion Ratio Lower Upper  
70 100  
42 49.4 49.6 74.4#  
101 10.5 7.1 10.7  
130 26.1 15.4 23.2#



#20  
3+4-Methylphenols  
Concen: 33.96 ng  
RT: 7.27 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion: 107 Resp: 286717  
Ion Ratio Lower Upper  
107 100  
108 91.6 67.8 107.8  
77 120.9 59.3 99.3#  
79 29.5 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

Tgt Ion:136 Resp: 419346

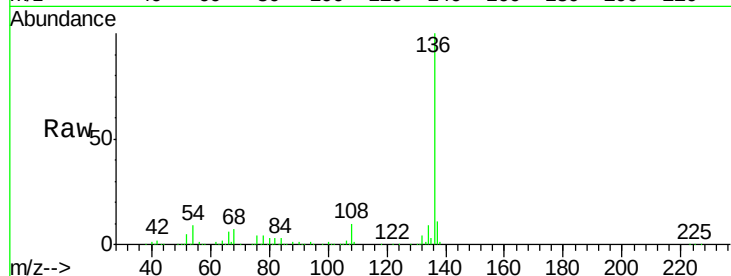
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 6.6 5.1 7.7

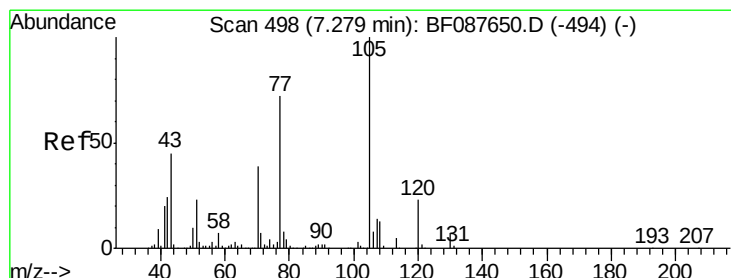
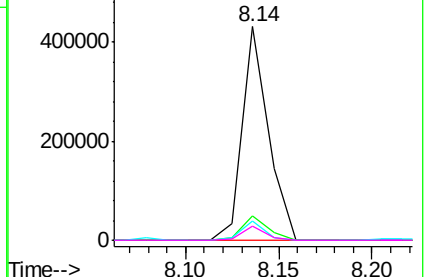
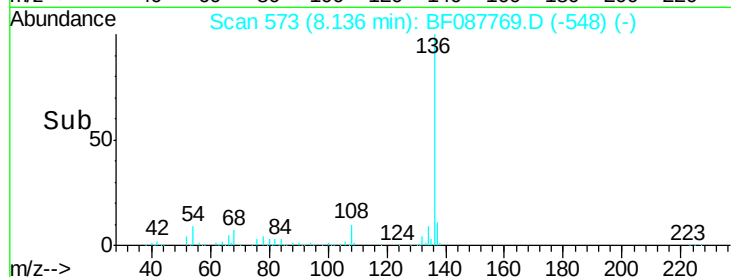


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.16 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Tgt Ion:105 Resp: 381410

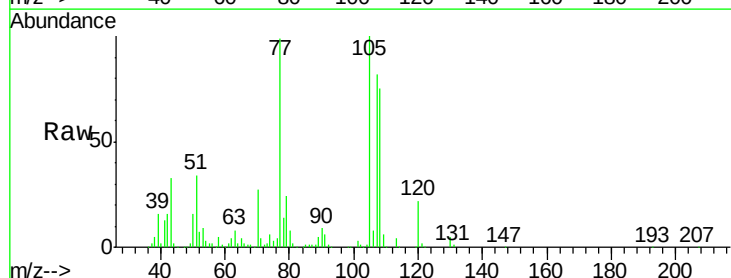
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 33.7 18.2 27.4#

120 21.9 18.0 27.0

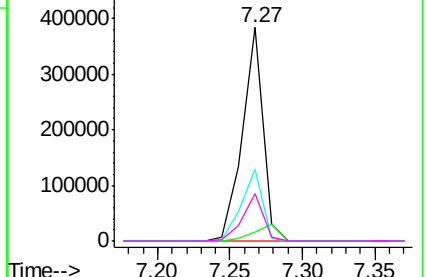
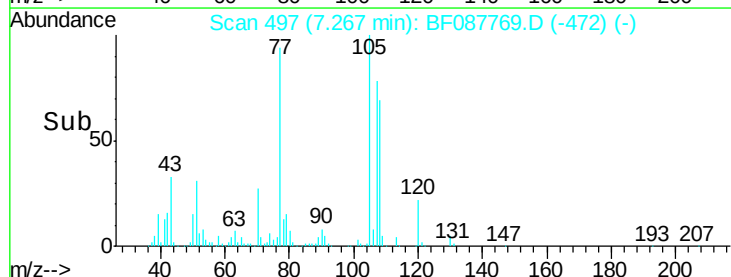


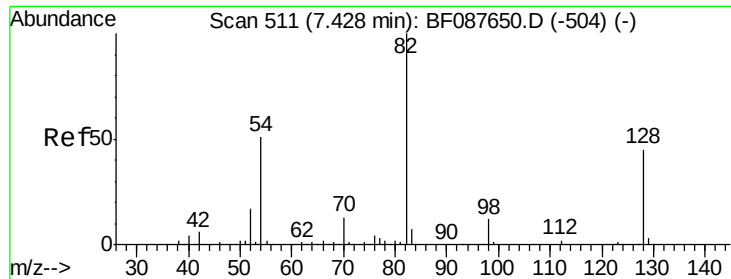
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

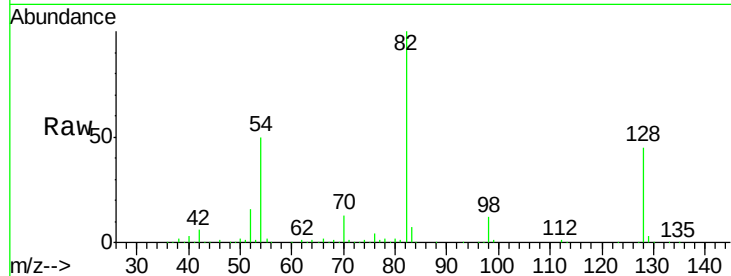




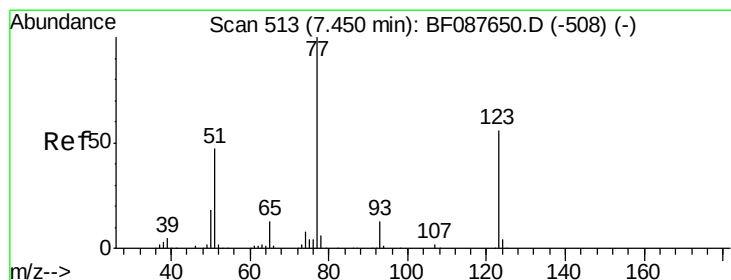
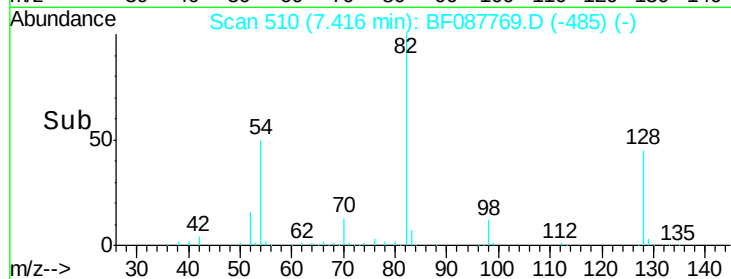
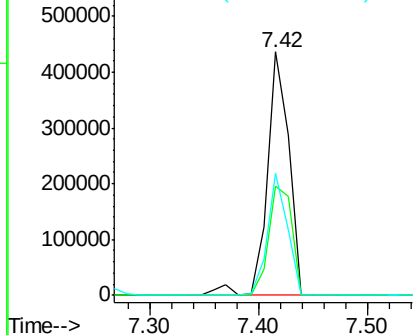
#23  
 Nitrobenzene-d5  
 Concen: 83.55 ng  
 RT: 7.42 min Scan# 510  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampled :  
 W-12

Tgt Ion: 82 Resp: 605580  
 Ion Ratio Lower Upper  
 82 100  
 128 44.7 35.9 53.9  
 54 50.1 40.9 61.3

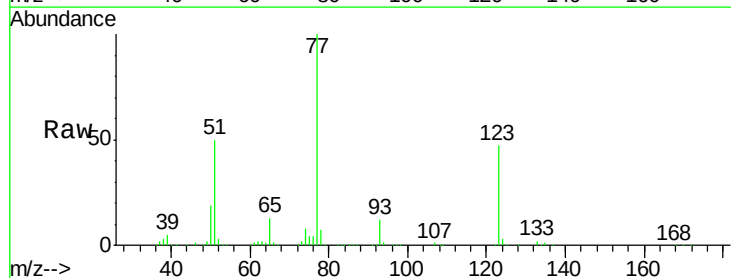


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

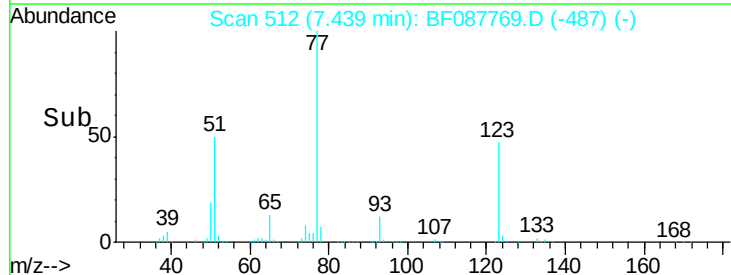
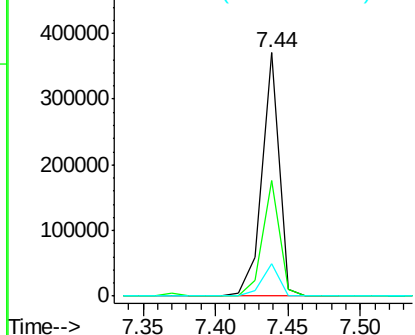


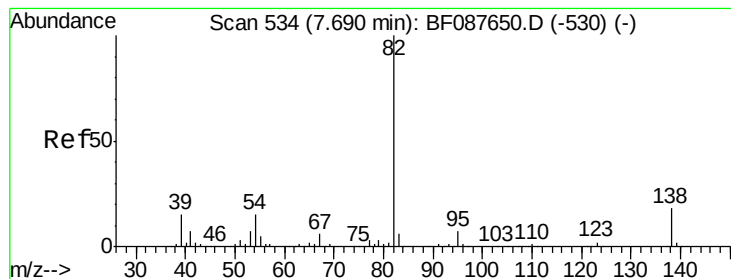
#24  
 Nitrobenzene  
 Concen: 42.29 ng  
 RT: 7.44 min Scan# 512  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion: 77 Resp: 306744  
 Ion Ratio Lower Upper  
 77 100  
 123 47.3 45.0 67.4  
 65 13.3 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.51 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

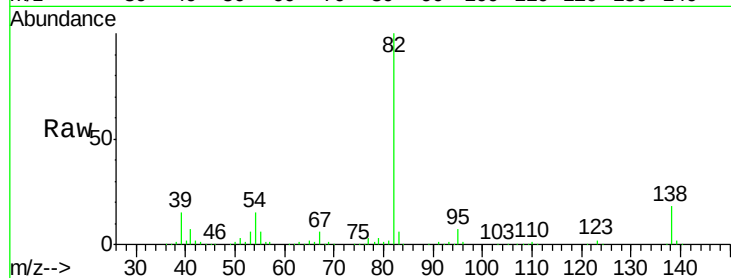
Tgt Ion: 82 Resp: 534519

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

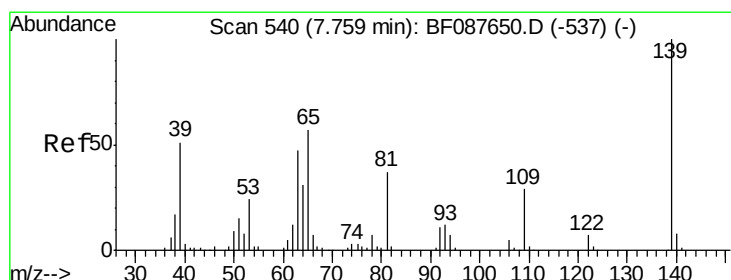
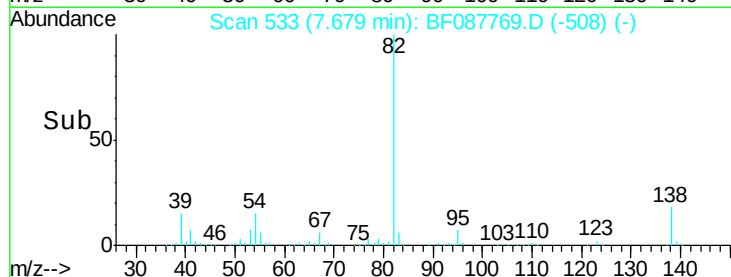
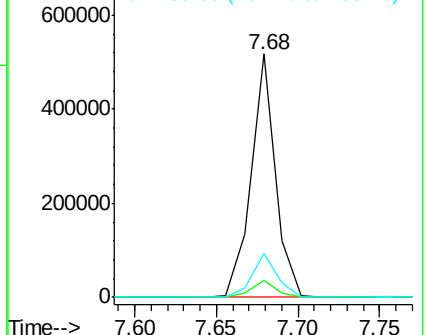
138 18.0 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.56 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

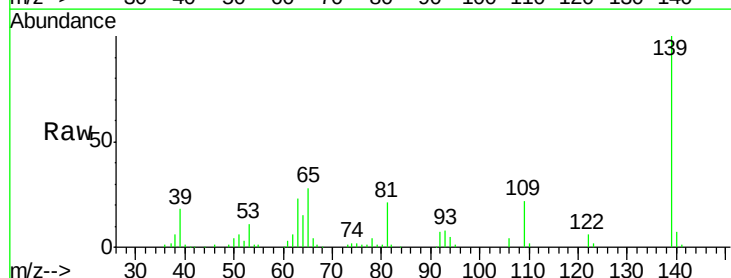
Tgt Ion: 139 Resp: 119863

Ion Ratio Lower Upper

139 100

109 22.5 23.0 34.4#

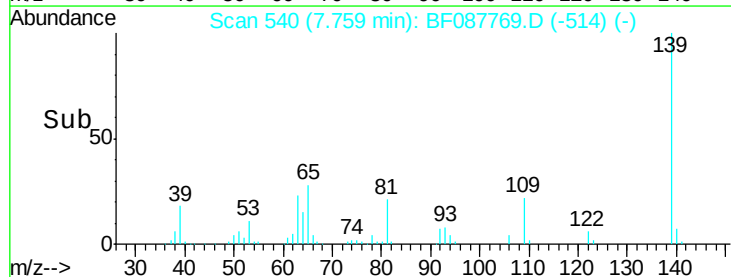
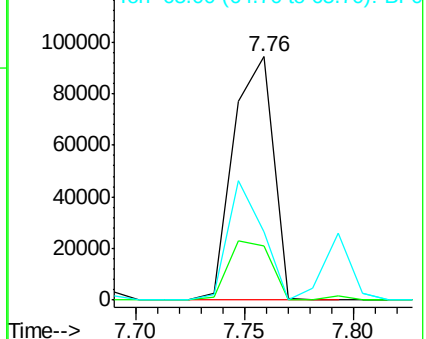
65 28.0 45.8 68.8#



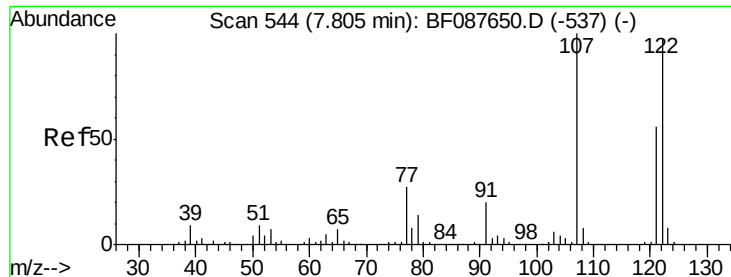
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



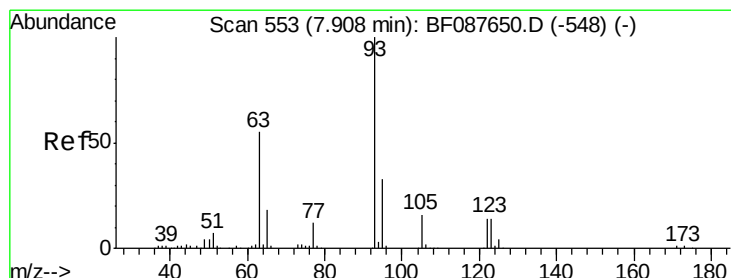
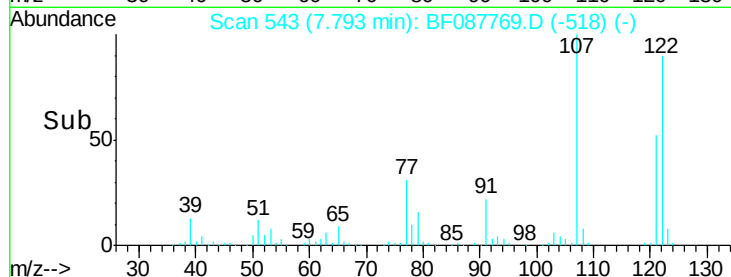
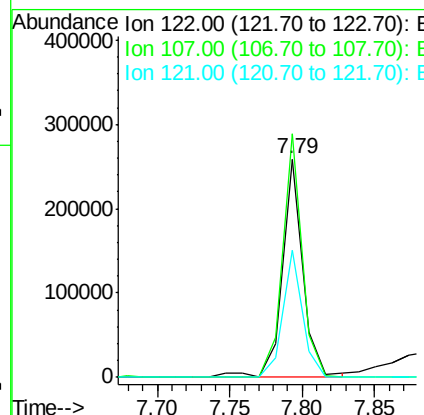
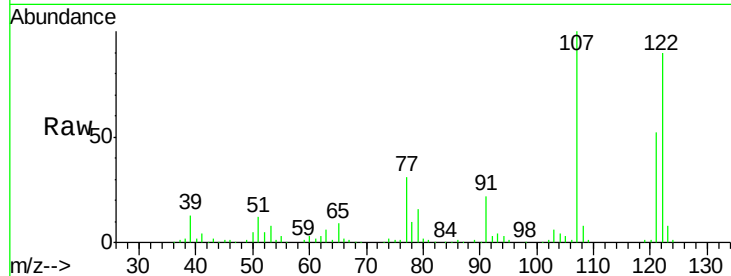




#27  
2,4-Dimethylphenol  
Concen: 36.58 ng  
RT: 7.79 min Scan# 543  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

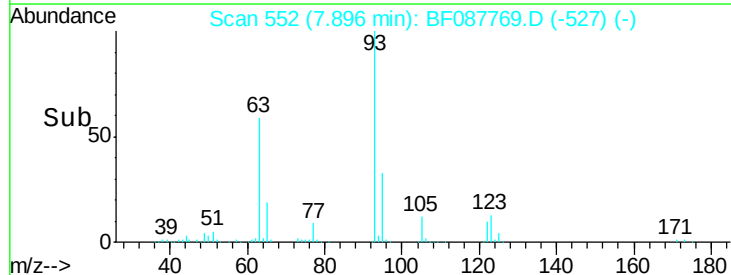
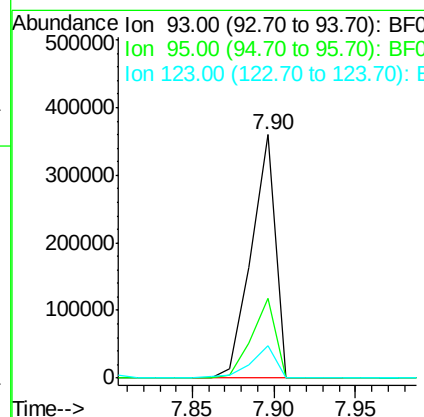
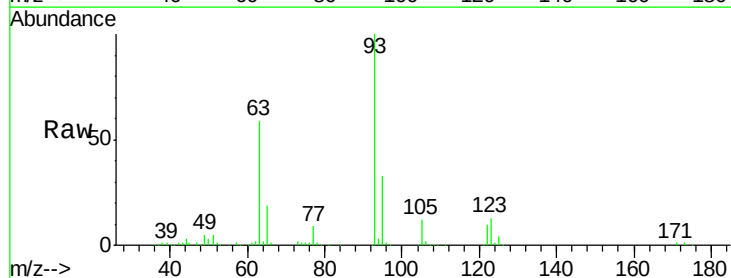
Instrument :  
BNA\_F  
ClientSampleId :  
W-12

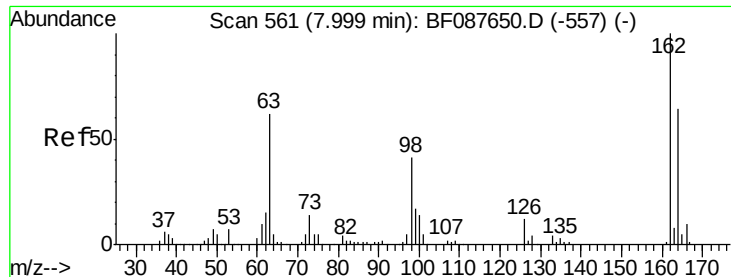
Tgt Ion: 122 Resp: 255542  
Ion Ratio Lower Upper  
122 100  
107 111.7 82.4 123.6  
121 58.4 46.3 69.5



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.18 ng  
RT: 7.90 min Scan# 552  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion: 93 Resp: 369815  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 13.1 11.6 17.4

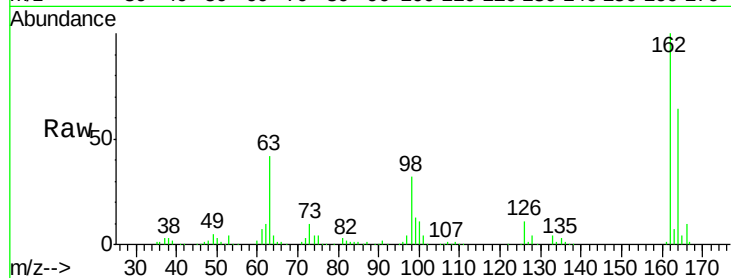




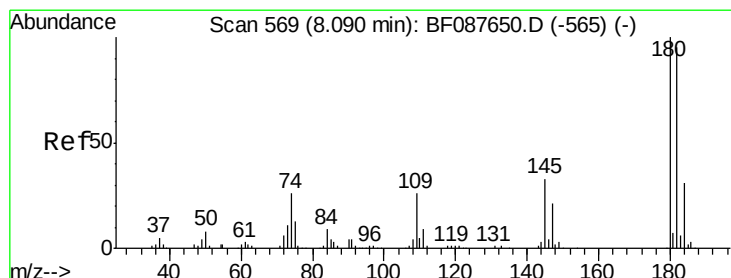
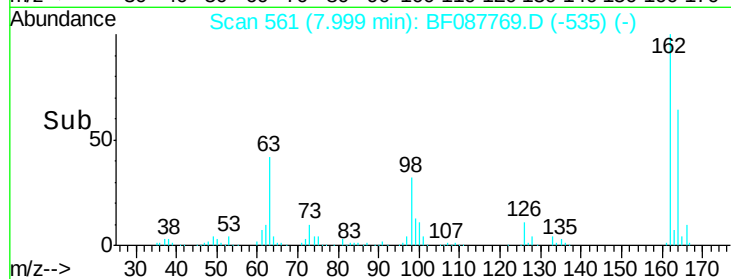
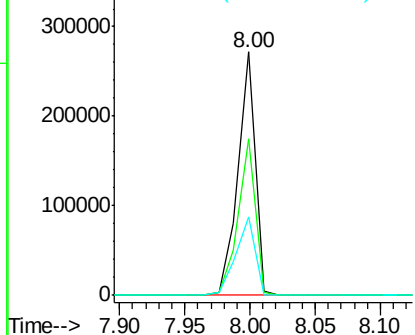
#29  
 2,4-Dichlorophenol  
 Concen: 43.42 ng  
 RT: 8.00 min Scan# 561  
 Delta R.T. -0.00 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 43.8  | 83.8  |
| 98      | 32.1  | 21.3  | 61.3  |

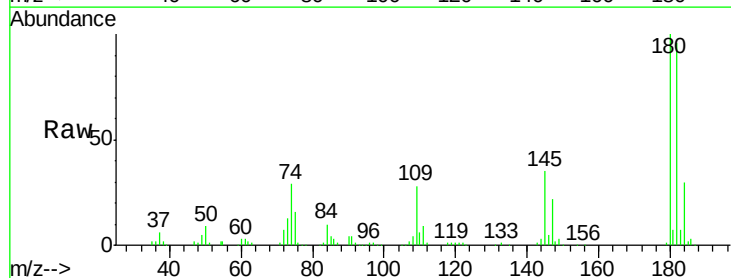


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

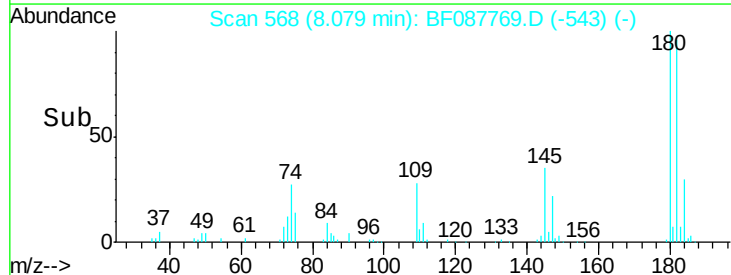
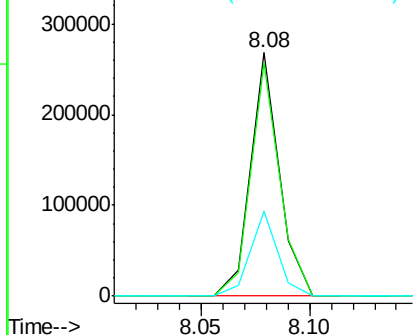


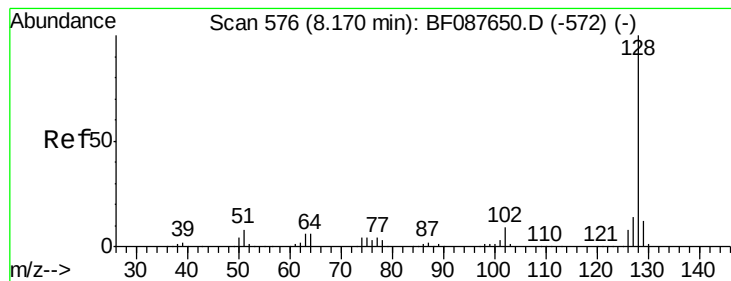
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.90 ng  
 RT: 8.08 min Scan# 568  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 76.0  | 114.0 |
| 145     | 34.8  | 26.5  | 39.7  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.39 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampled :

W-12

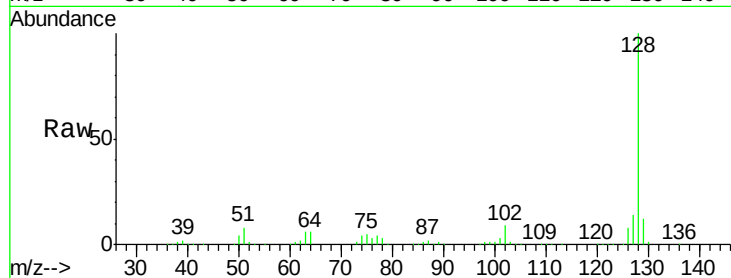
Tgt Ion:128 Resp: 782792

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

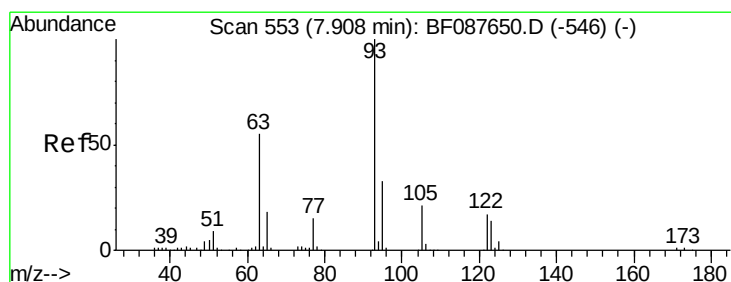
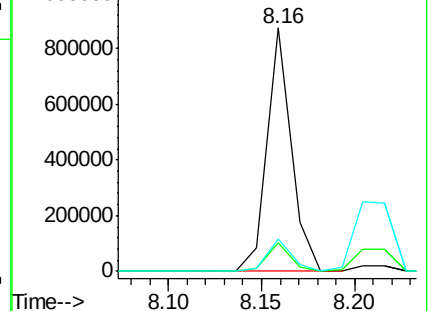
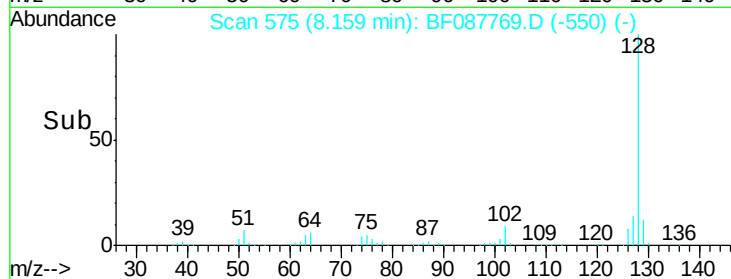
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.57 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

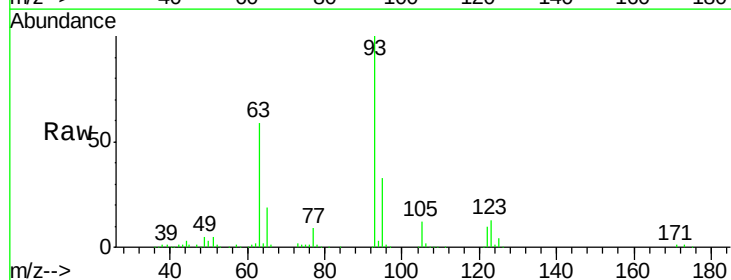
Tgt Ion:122 Resp: 95103

Ion Ratio Lower Upper

122 100

105 118.2 101.6 141.6

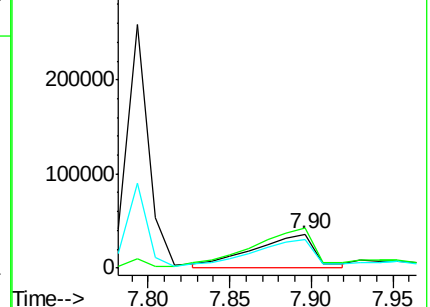
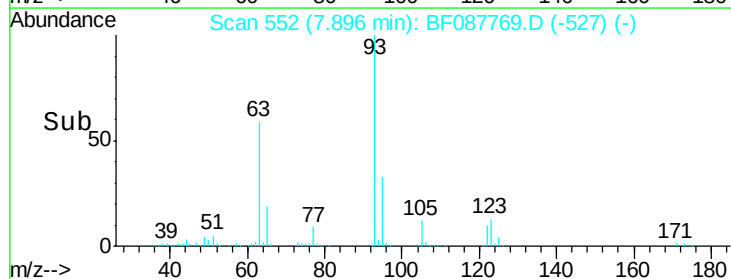
77 85.0 70.6 110.6

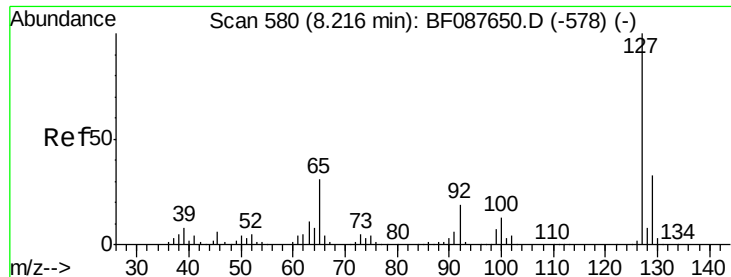


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

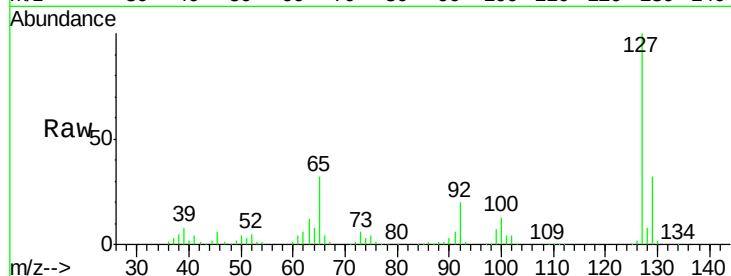




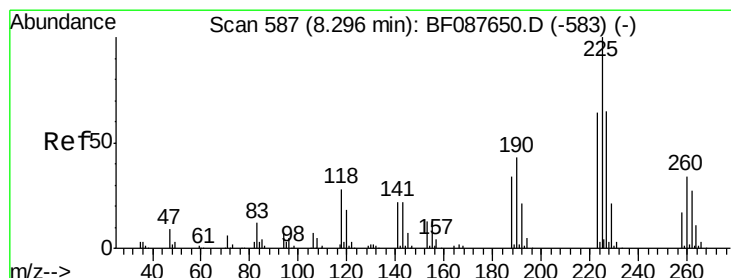
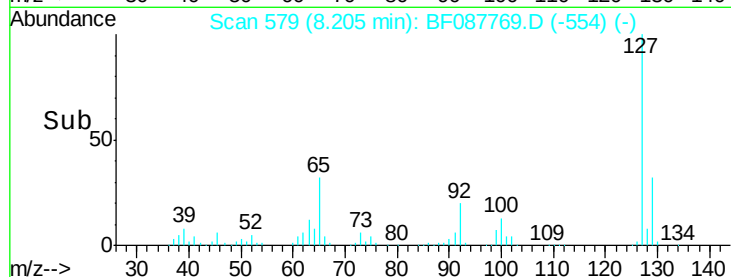
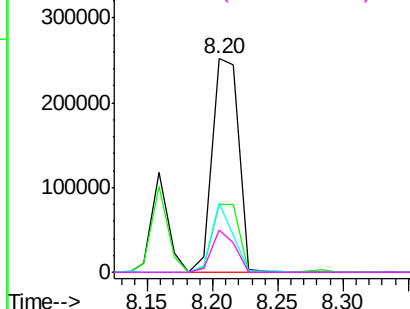
#33  
4-Chloroaniline  
Concen: 40.19 ng  
RT: 8.20 min Scan# 579  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Instrument :  
BNA\_F  
ClientSampleId :  
W-12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 355917 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 26.3  | 39.5   |
| 65       | 32.4  | 24.7  | 37.1   |
| 92       | 19.7  | 15.4  | 23.0   |

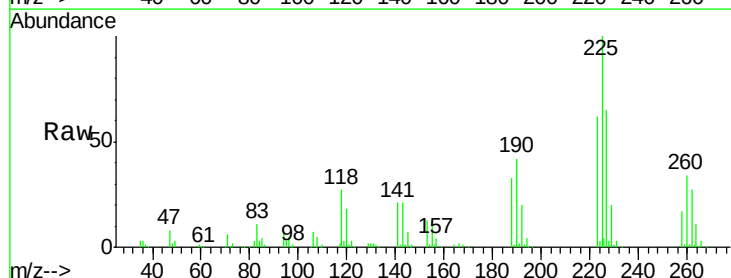


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

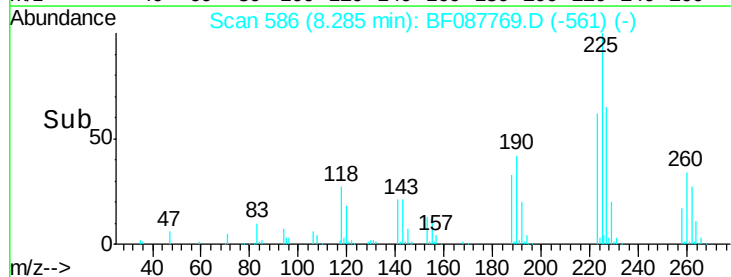
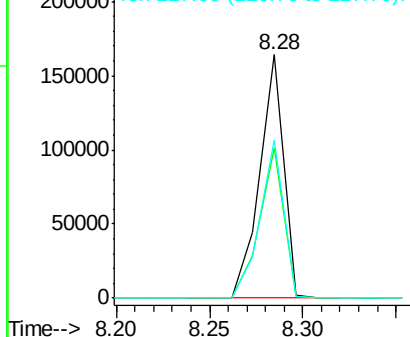


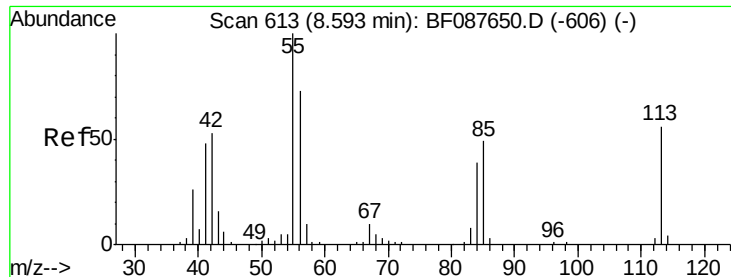
#34  
Hexachlorobutadiene  
Concen: 46.43 ng  
RT: 8.28 min Scan# 586  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 145035 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.6  | 50.9  | 76.3   |
| 227      | 64.6  | 51.9  | 77.9   |



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





#35

Caprolactam

Concen: 33.42 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

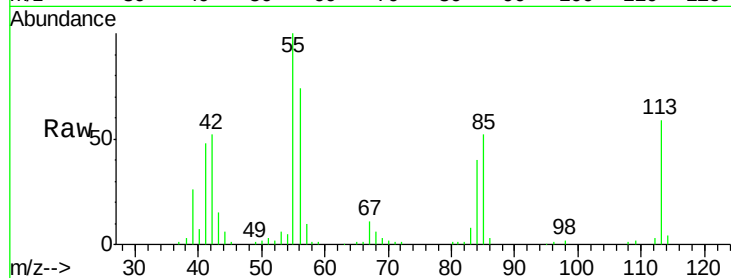
Tgt Ion:113 Resp: 62979

Ion Ratio Lower Upper

113 100

55 170.6 158.6 198.6

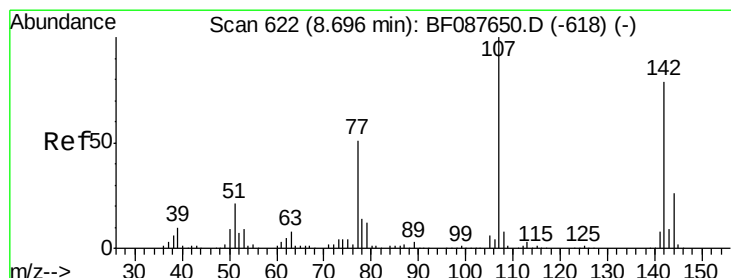
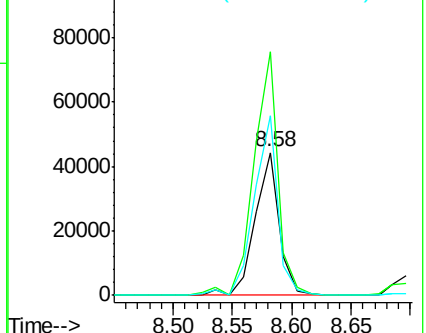
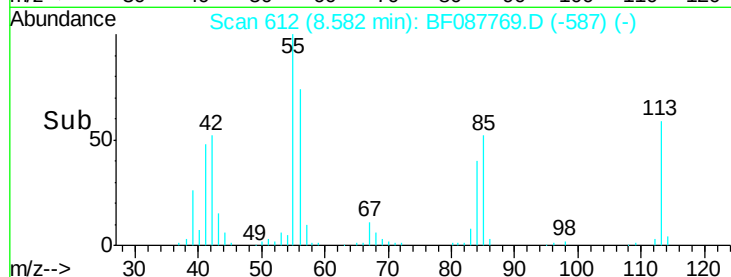
56 126.3 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.80 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

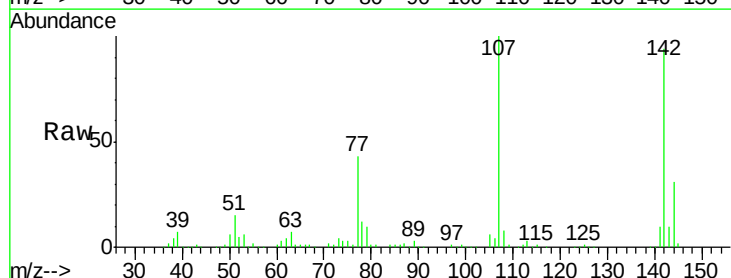
Tgt Ion:107 Resp: 230283

Ion Ratio Lower Upper

107 100

144 30.6 20.8 31.2

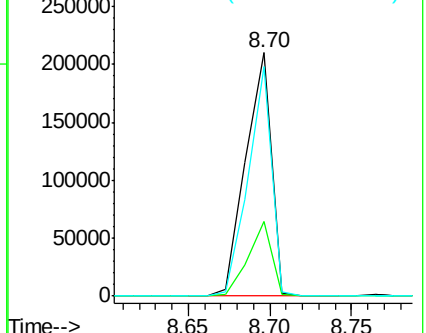
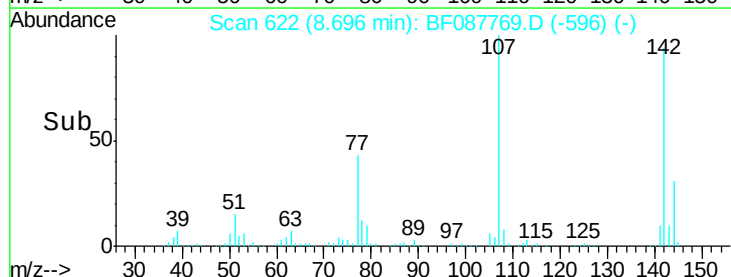
142 94.3 63.4 95.2

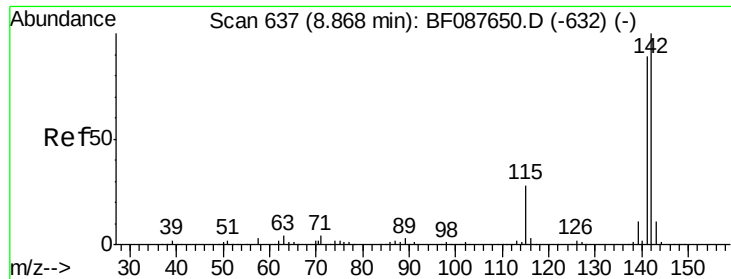


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

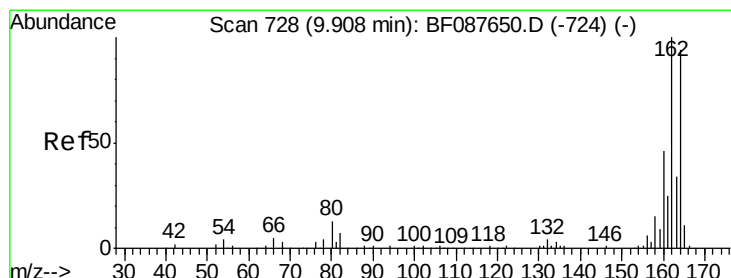
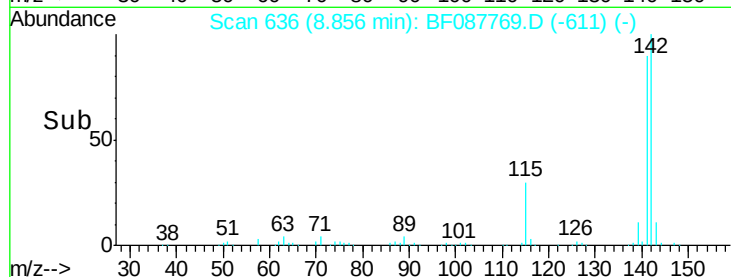
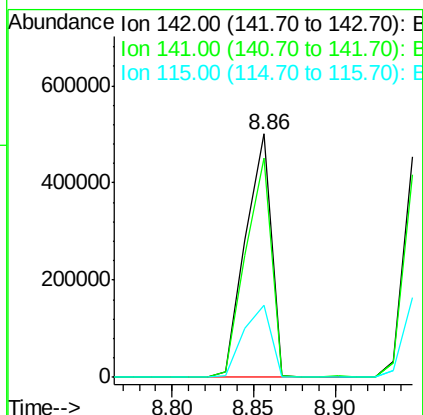
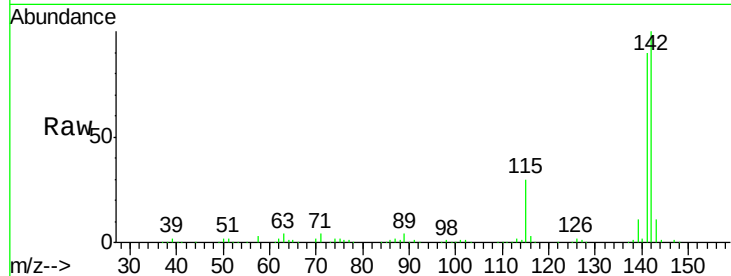




#37  
 2-Methylnaphthalene  
 Concen: 40.72 ng  
 RT: 8.86 min Scan# 636  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

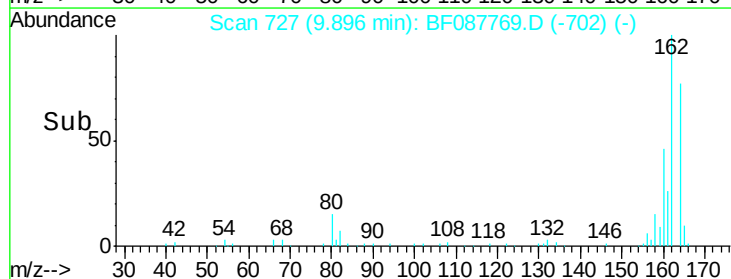
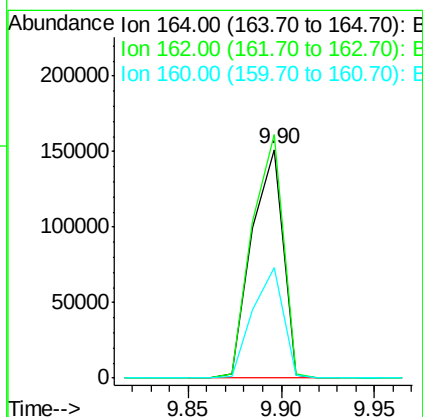
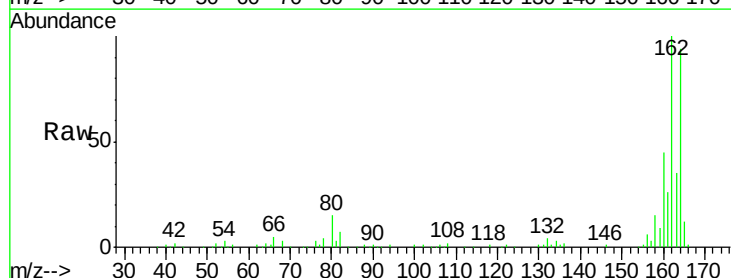
Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

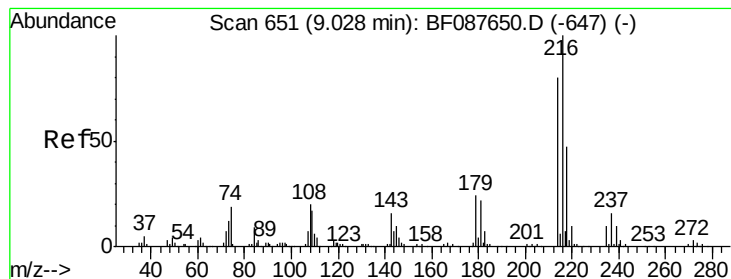
Tgt Ion:142 Resp: 548228  
 Ion Ratio Lower Upper  
 142 100  
 141 90.0 71.0 106.6  
 115 29.7 22.6 33.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.90 min Scan# 727  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:164 Resp: 175007  
 Ion Ratio Lower Upper  
 164 100  
 162 106.6 85.4 128.2  
 160 48.3 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.19 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

Tgt Ion:216 Resp: 222776

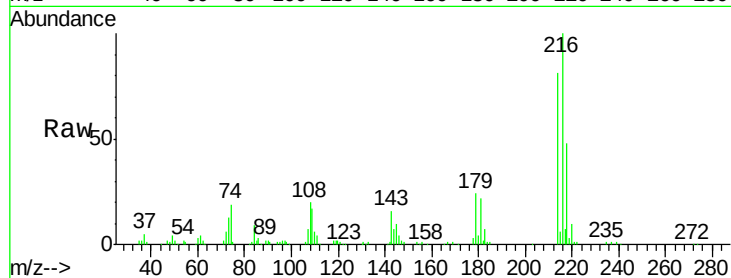
Ion Ratio Lower Upper

216 100

214 79.9 2.9 4.3#

179 23.1 0.0 0.0#

108 20.1 0.5 0.7#

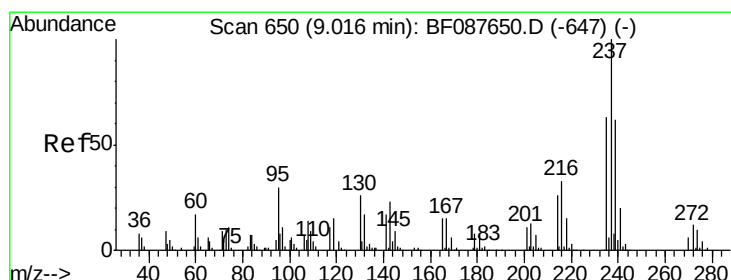
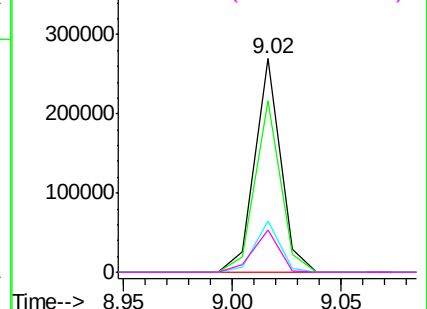
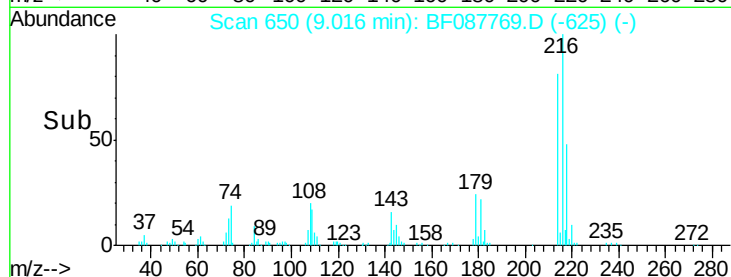


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 6.91 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

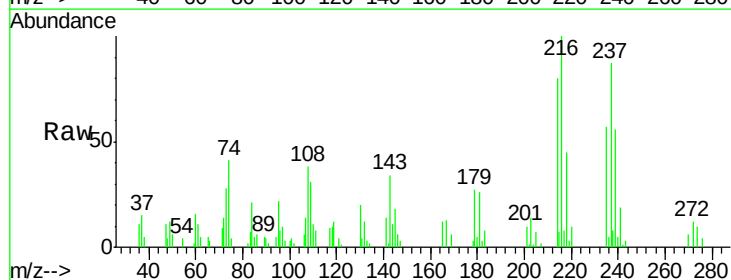
Tgt Ion:237 Resp: 19597

Ion Ratio Lower Upper

237 100

235 64.9 43.4 83.4

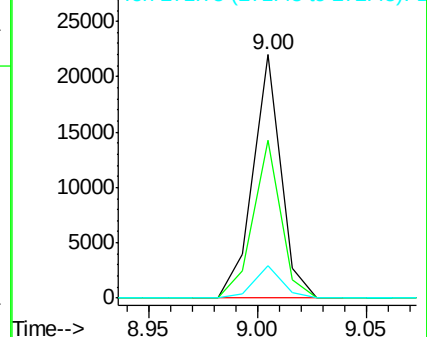
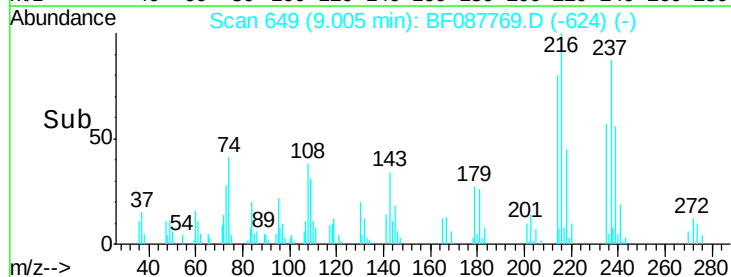
272 13.4 0.0 32.3

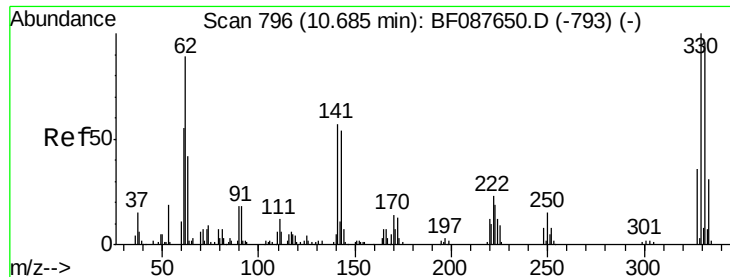


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

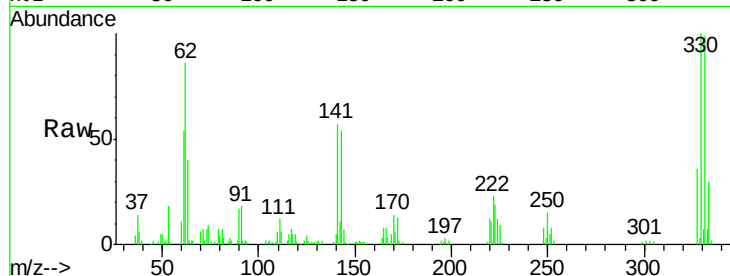




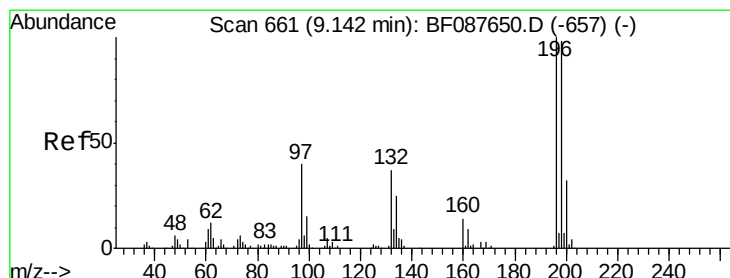
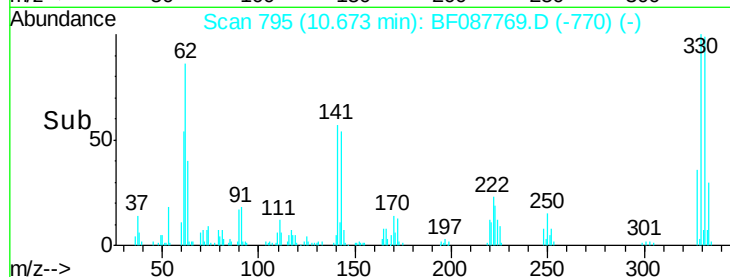
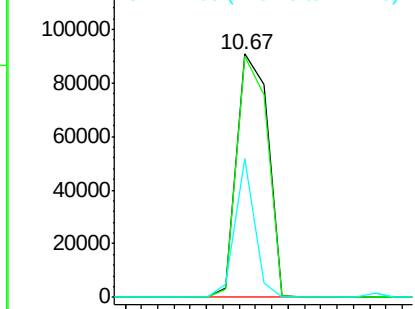
#41  
 2,4,6-Tribromophenol  
 Concen: 68.25 ng  
 RT: 10.67 min Scan# 795  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Tgt Ion:330 Resp: 119897  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 0.0 0.0#  
 141 35.4 0.0 0.0#

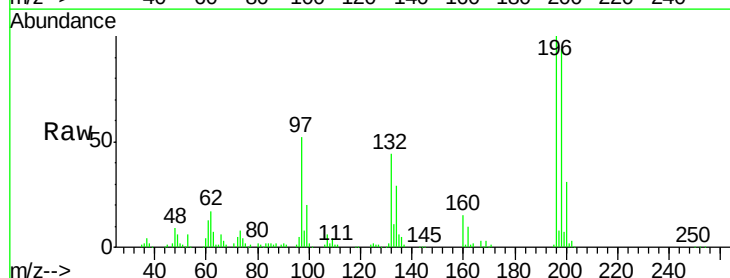


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

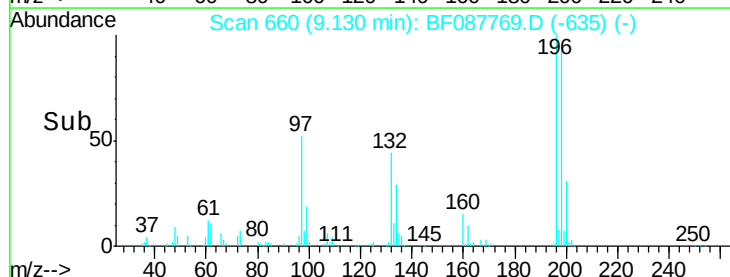
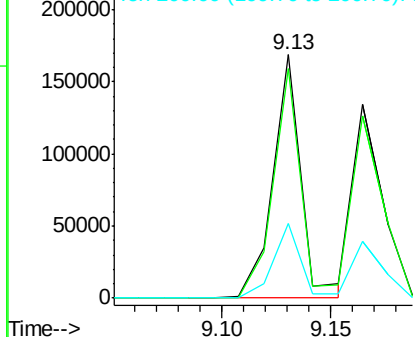


#42  
 2,4,6-Trichlorophenol  
 Concen: 41.93 ng  
 RT: 9.13 min Scan# 660  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

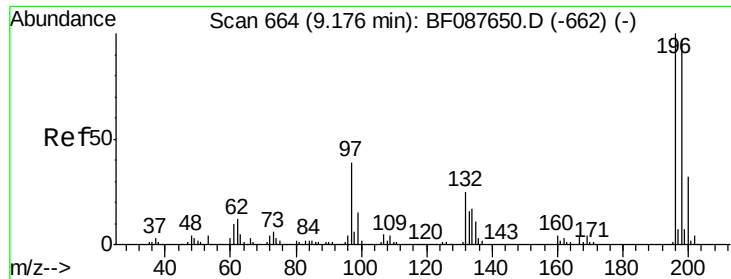
Tgt Ion:196 Resp: 152723  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 78.0 117.0  
 200 30.8 25.4 38.2



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



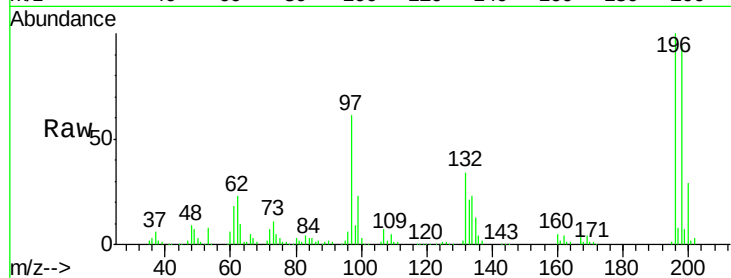




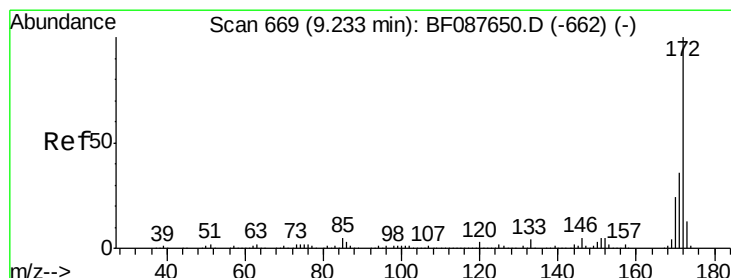
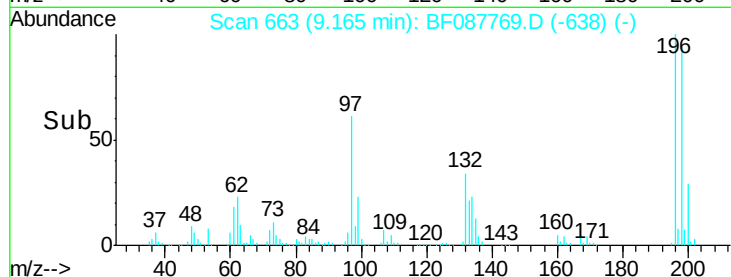
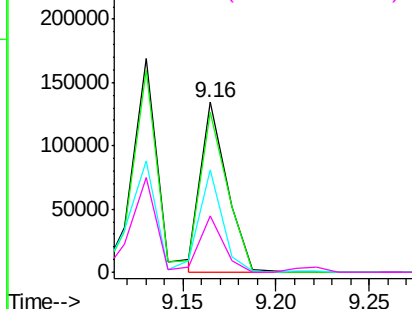
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.06 ng  
 RT: 9.16 min Scan# 663  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Tgt Ion:196 Resp: 129022  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 77.5 116.3  
 97 60.6 32.0 48.0#  
 132 33.5 20.9 31.3#

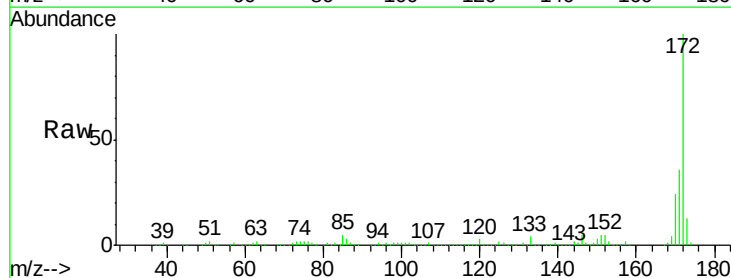


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

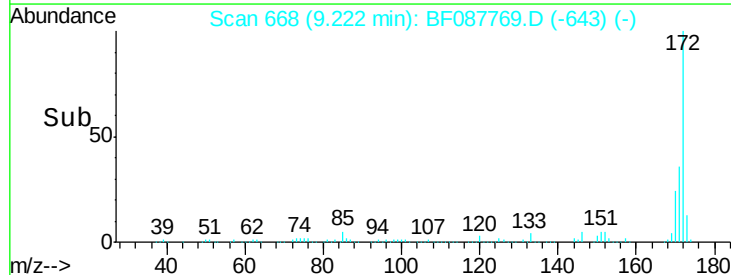
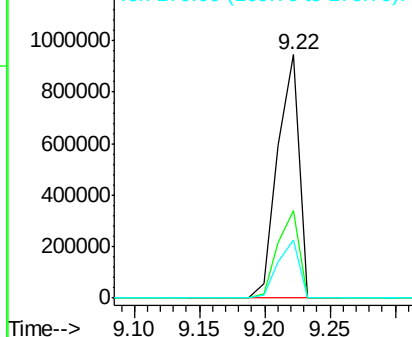


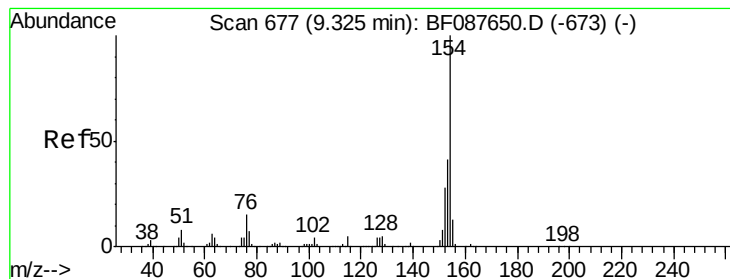
#44  
 2-Fluorobiphenyl  
 Concen: 103.19 ng  
 RT: 9.22 min Scan# 668  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:172 Resp: 1094492  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.6 43.0  
 170 24.0 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 40.83 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

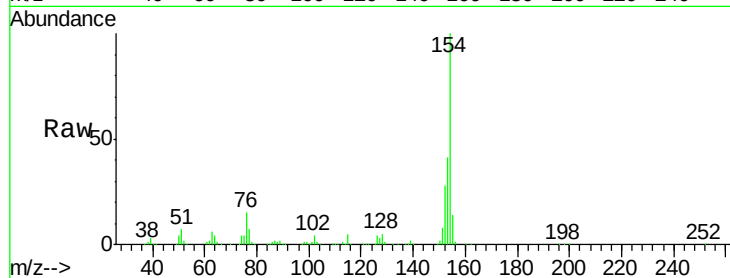
Tgt Ion:154 Resp: 579909

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

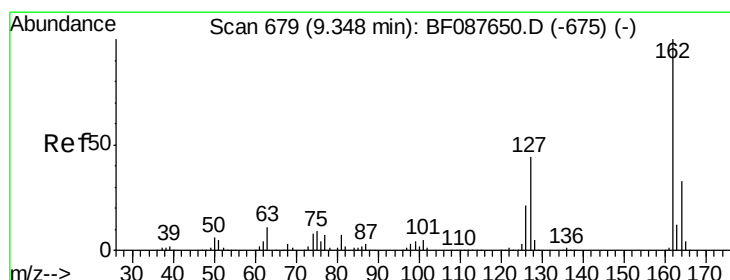
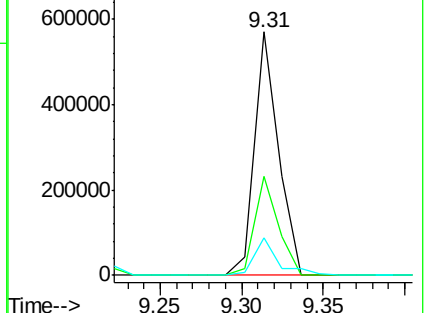
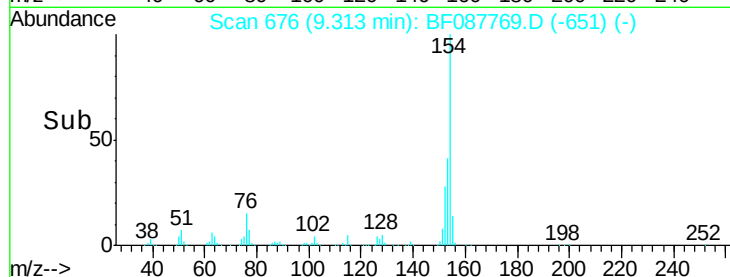
76 15.5 0.0 35.1



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): BF0



#46

2-Chloronaphthalene

Concen: 39.79 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

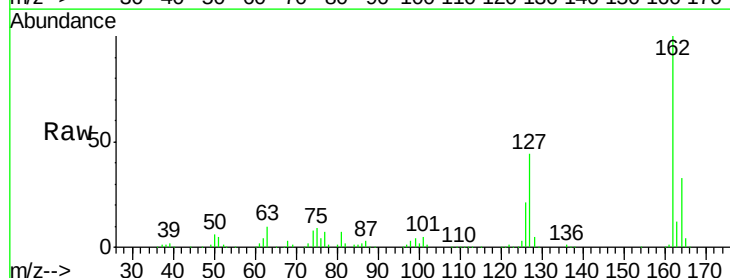
Tgt Ion:162 Resp: 449854

Ion Ratio Lower Upper

162 100

127 43.8 35.2 52.8

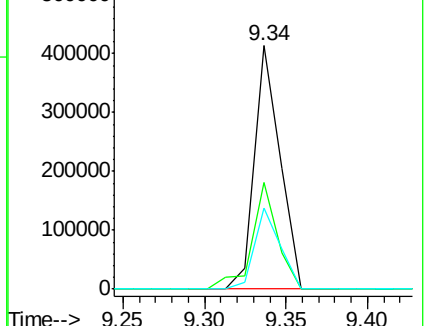
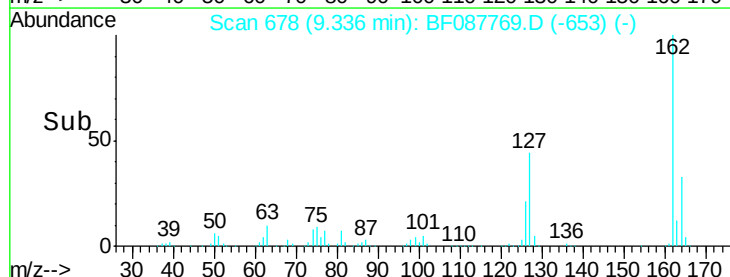
164 33.1 26.6 39.8

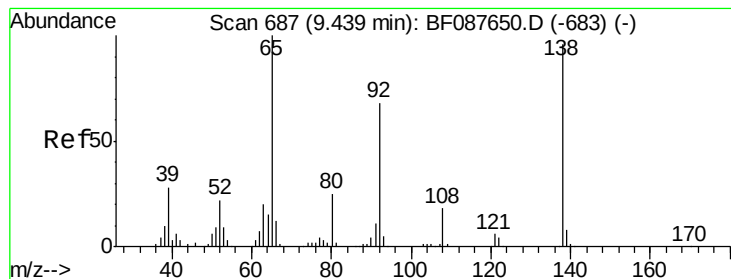


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.73 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

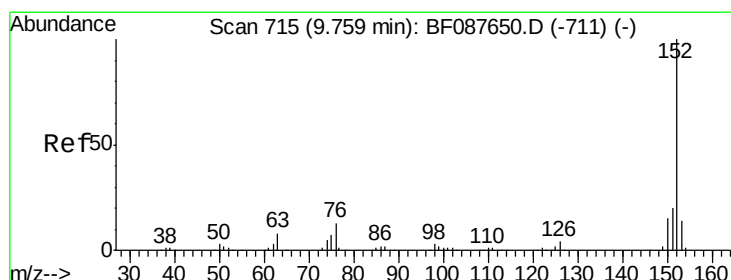
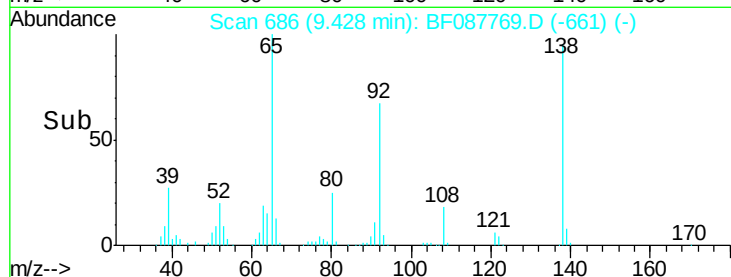
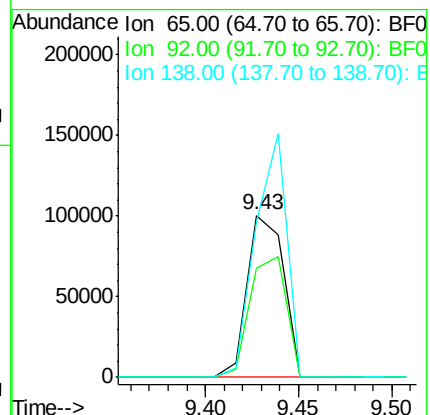
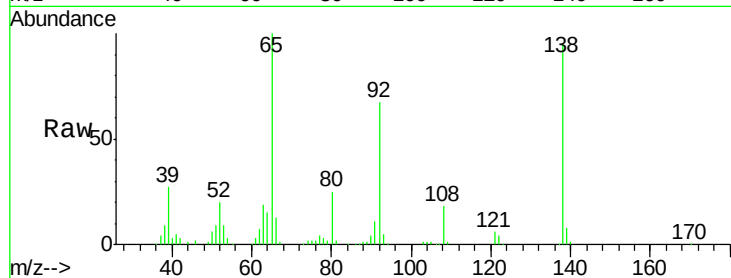
Tgt Ion: 65 Resp: 136035

Ion Ratio Lower Upper

65 100

92 67.3 54.6 82.0

138 95.4 77.0 115.4



#48

Acenaphthylene

Concen: 40.64 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

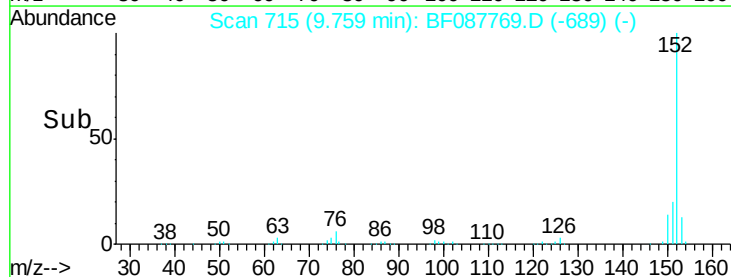
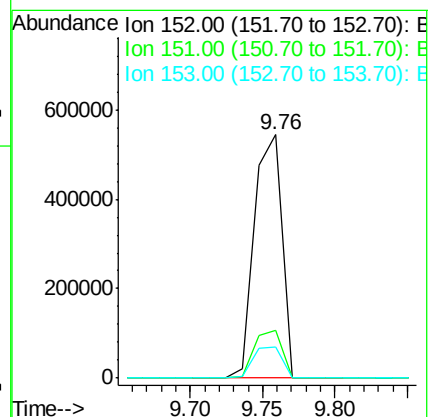
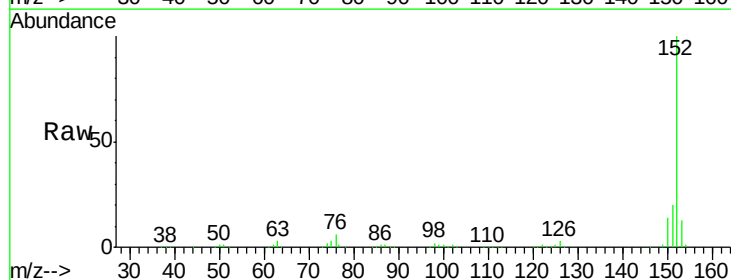
Tgt Ion: 152 Resp: 716482

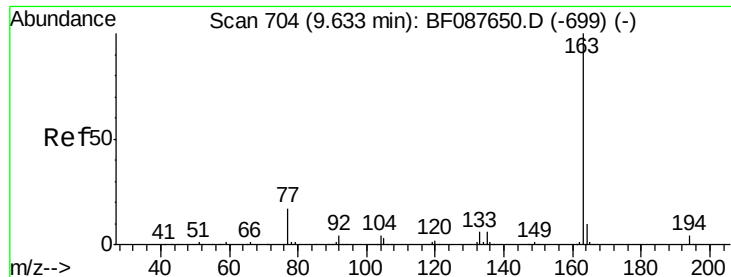
Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 12.7 11.0 16.6





#49

Dimethylphthalate

Concen: 46.67 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

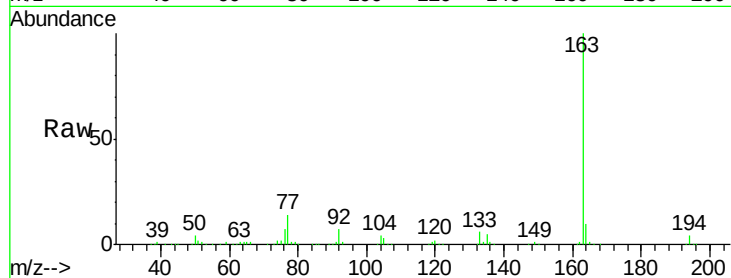
Tgt Ion:163 Resp: 593846

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

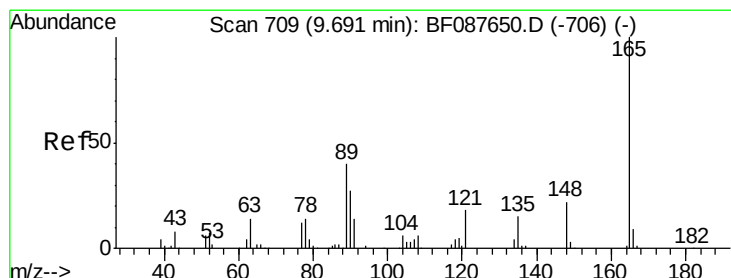
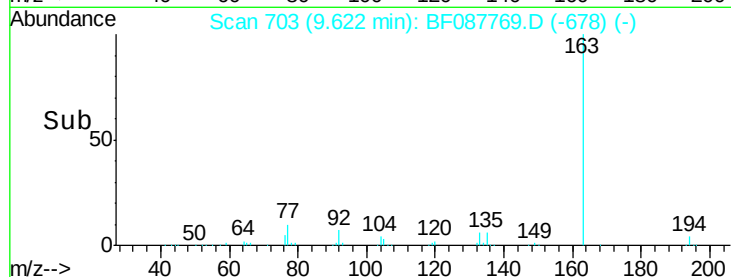
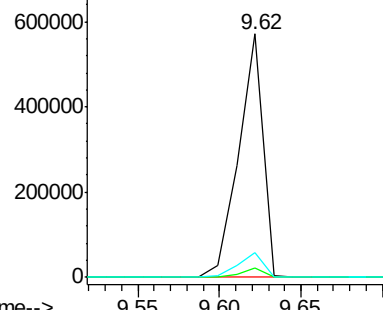
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.68 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

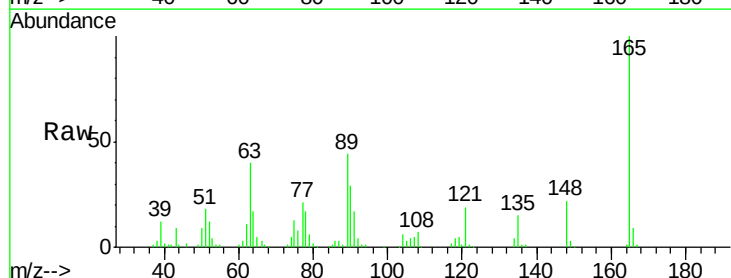
Tgt Ion:165 Resp: 117767

Ion Ratio Lower Upper

165 100

63 40.1 28.1 42.1

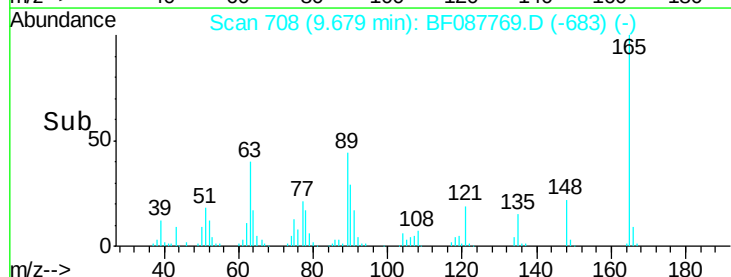
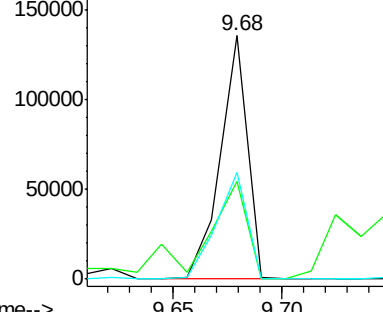
89 43.8 32.2 48.2

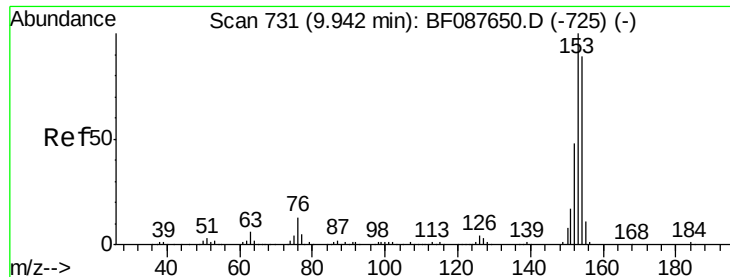


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.12 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

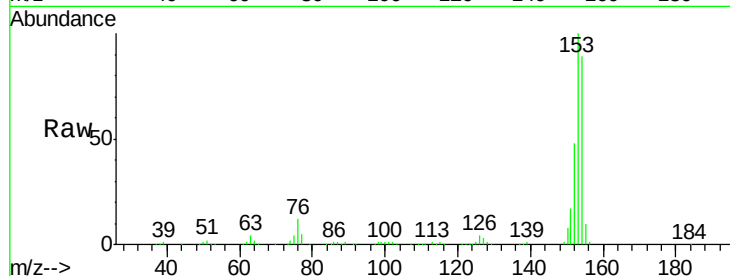
Tgt Ion:154 Resp: 432415

Ion Ratio Lower Upper

154 100

153 112.9 89.5 134.3

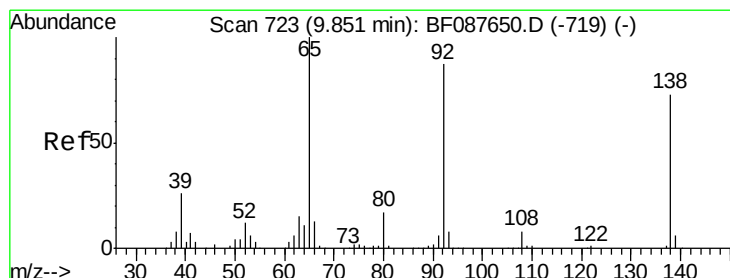
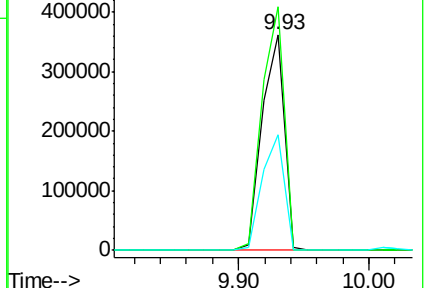
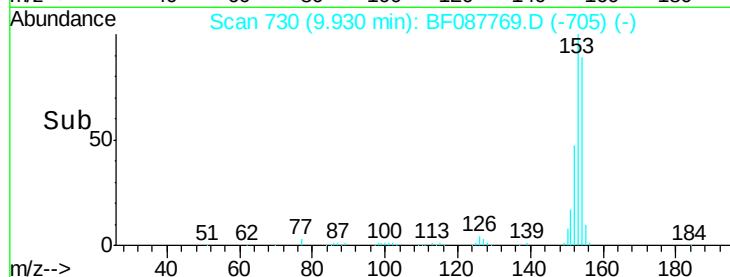
152 53.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.19 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

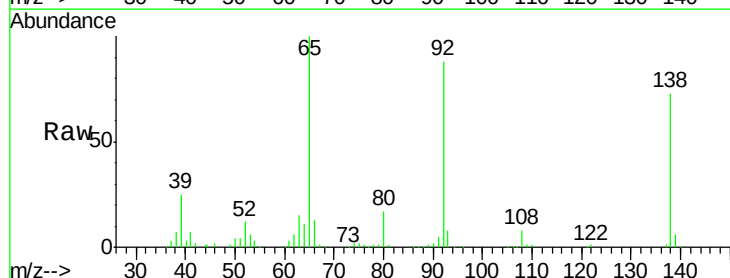
Tgt Ion:138 Resp: 126451

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

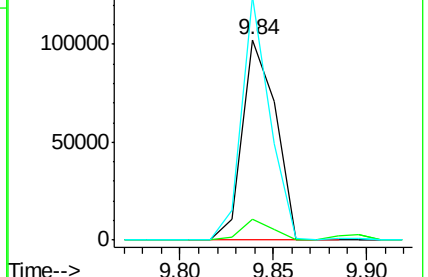
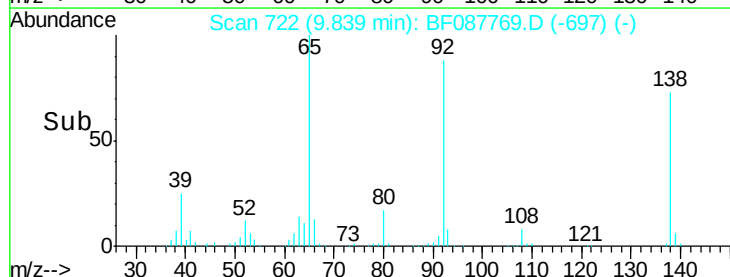
92 121.4 95.7 143.5

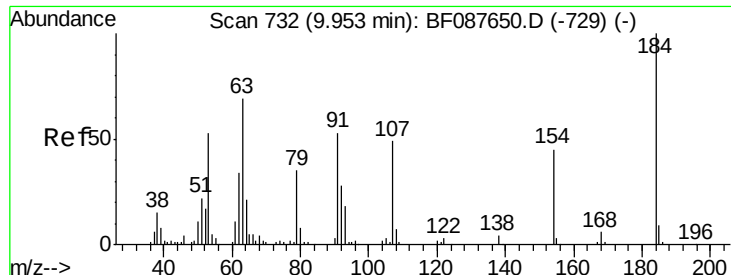


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

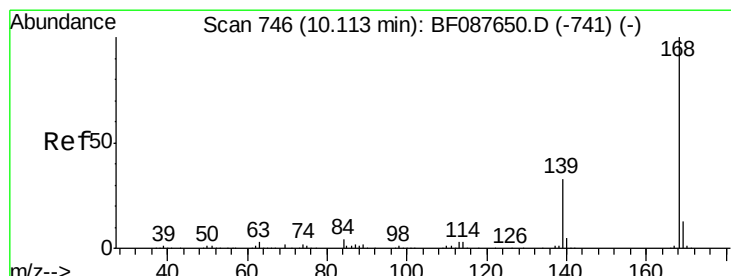
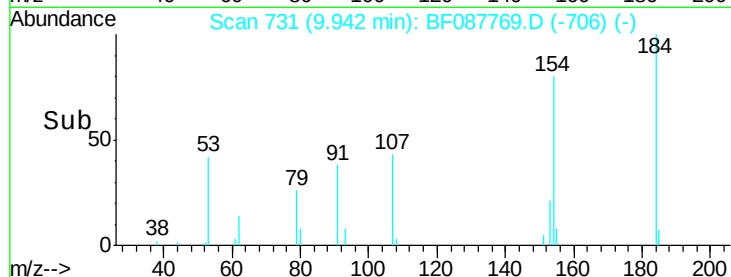
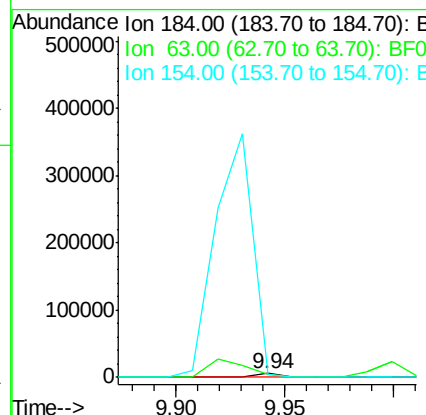
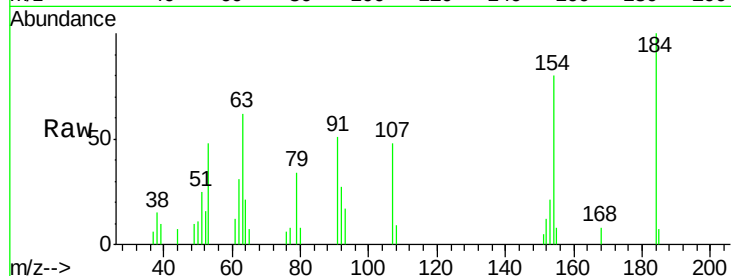




#53  
2,4-Dinitrophenol  
Concen: 7.54 ng  
RT: 9.94 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

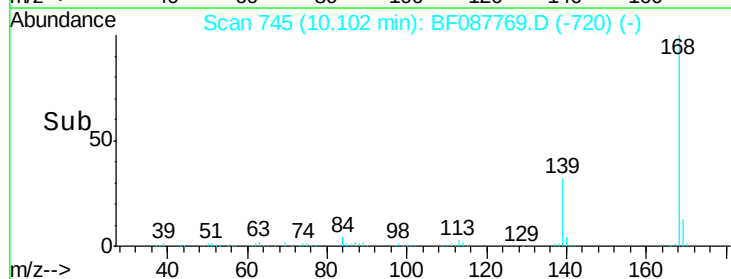
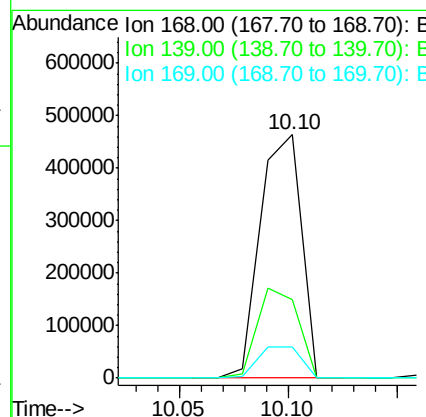
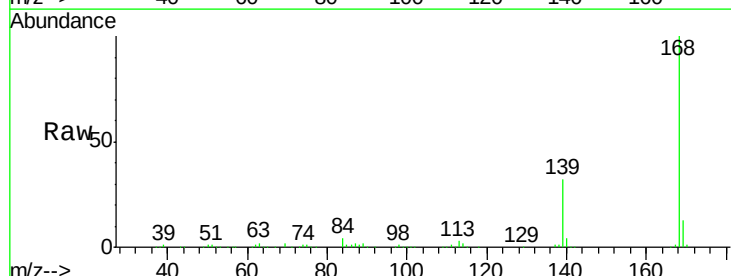
Instrument :  
BNA\_F  
ClientSampled :  
W-12

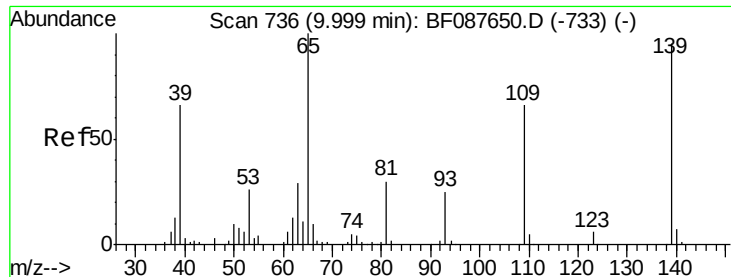
Tgt Ion:184 Resp: 5053  
Ion Ratio Lower Upper  
184 100  
63 62.5 57.6 86.4  
154 80.3 53.5 80.3#



#54  
Dibenzofuran  
Concen: 39.93 ng  
RT: 10.10 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion:168 Resp: 616777  
Ion Ratio Lower Upper  
168 100  
139 32.3 26.4 39.6  
169 13.0 10.4 15.6

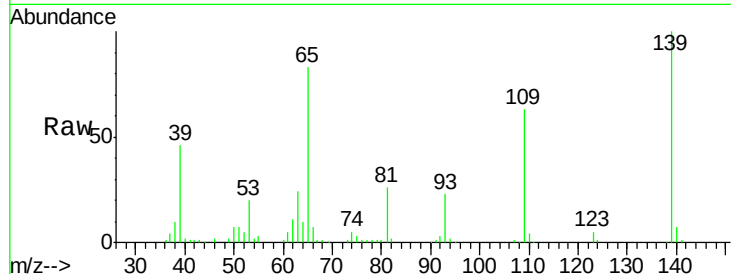




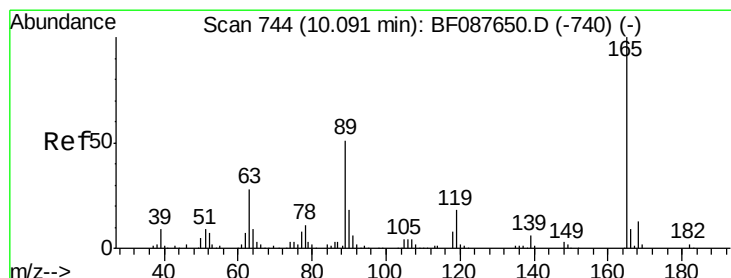
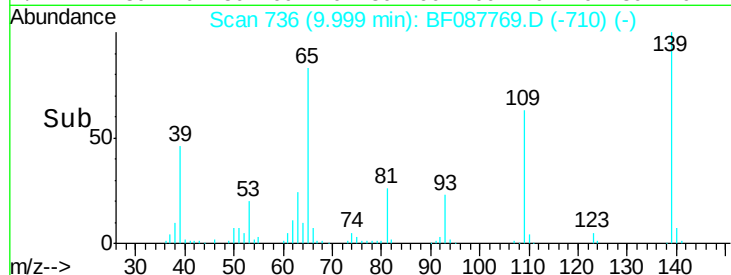
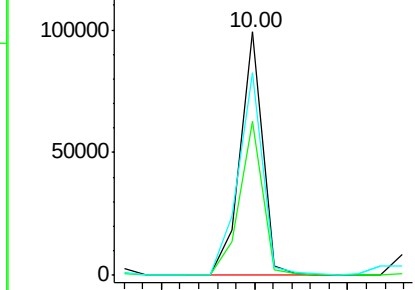
#55  
4-Nitrophenol  
Concen: 29.82 ng  
RT: 10.00 min Scan# 736  
Delta R.T. 0.00 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Instrument :  
BNA\_F  
ClientSampleId :  
W-12

Tgt Ion:139 Resp: 84381  
Ion Ratio Lower Upper  
139 100  
109 63.0 48.9 88.9  
65 83.0 84.9 124.9#

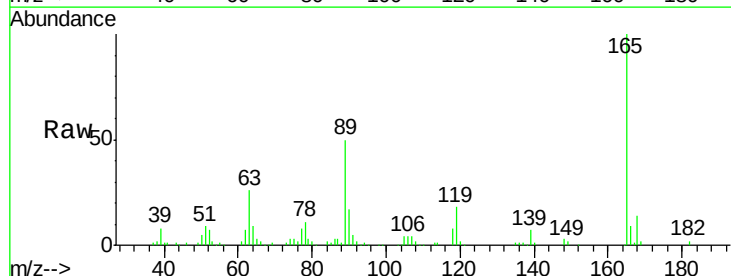


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

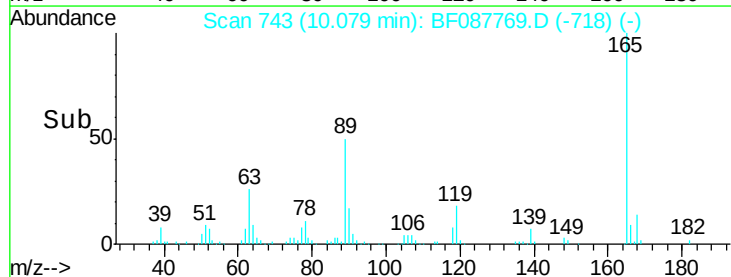
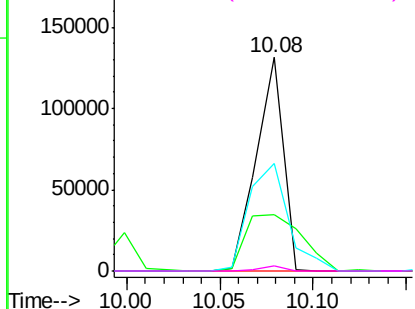


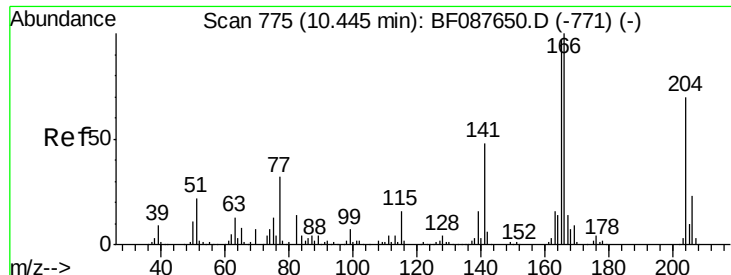
#56  
2,4-Dinitrotoluene  
Concen: 35.60 ng  
RT: 10.08 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion:165 Resp: 131214  
Ion Ratio Lower Upper  
165 100  
63 26.3 22.0 33.0  
89 50.4 41.1 61.7  
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

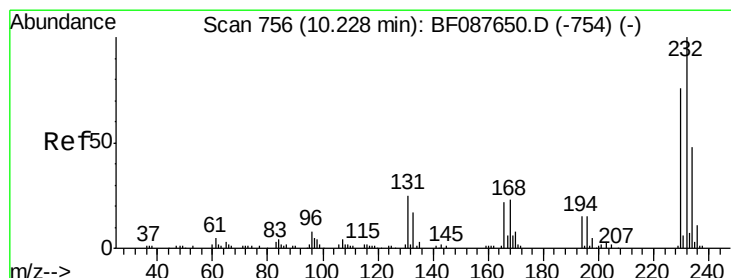
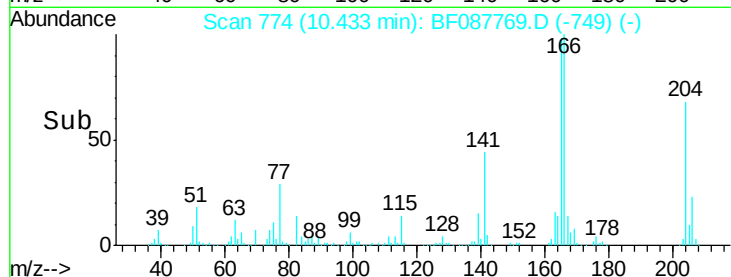
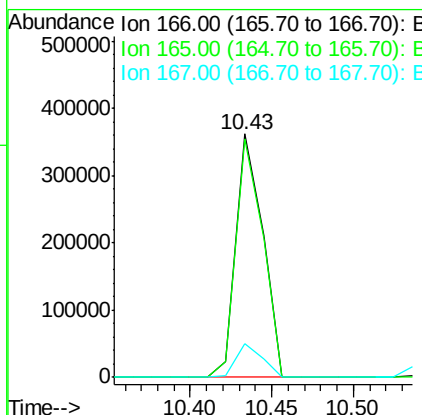
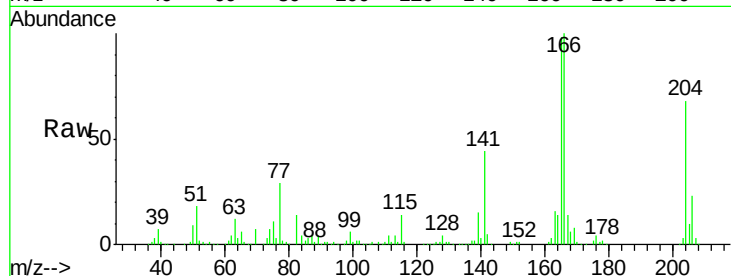




#57  
**Fluorene**  
 Concen: 33.95 ng  
 RT: 10.43 min Scan# 774  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

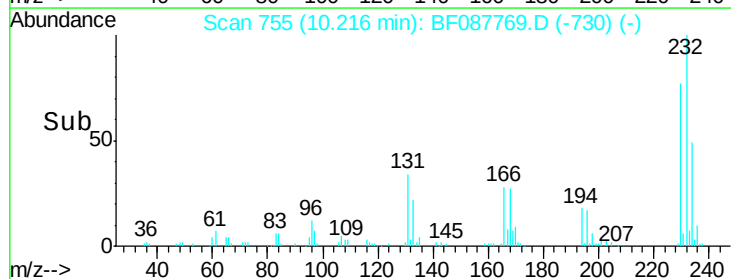
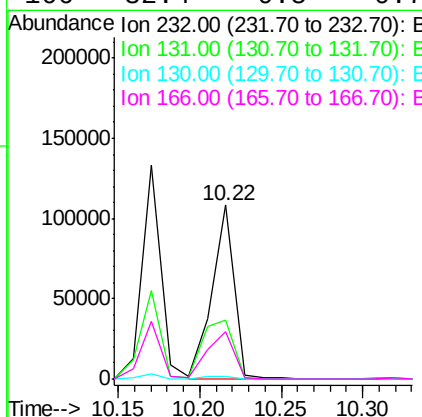
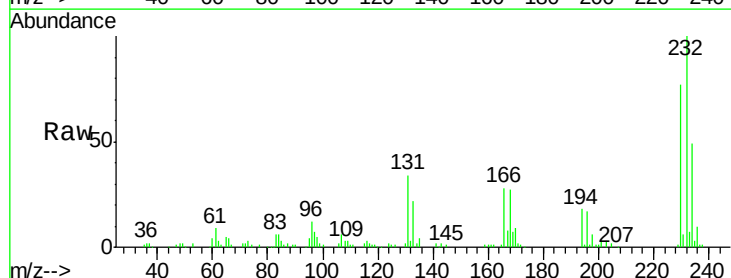
Instrument :  
 BNA\_F  
 ClientSampled :  
 W-12

Tgt Ion:166 Resp: 409836  
 Ion Ratio Lower Upper  
 166 100  
 165 98.2 77.8 116.8  
 167 13.8 11.2 16.8

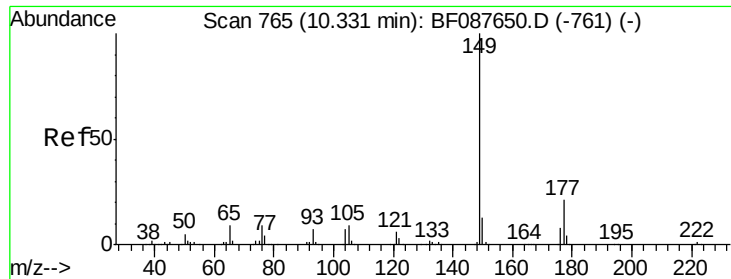


#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 35.18 ng  
 RT: 10.22 min Scan# 755  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:232 Resp: 102718  
 Ion Ratio Lower Upper  
 232 100  
 131 47.1 0.9 1.3#  
 130 2.1 1.5 2.3  
 166 32.4 0.5 0.7#



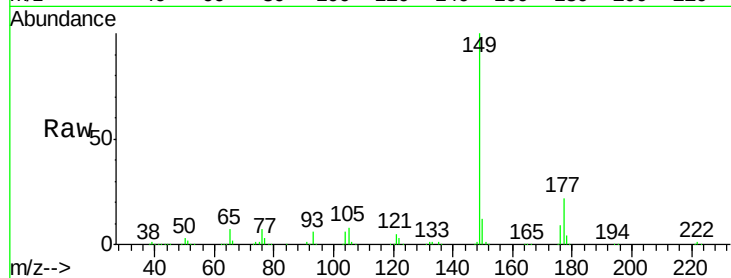




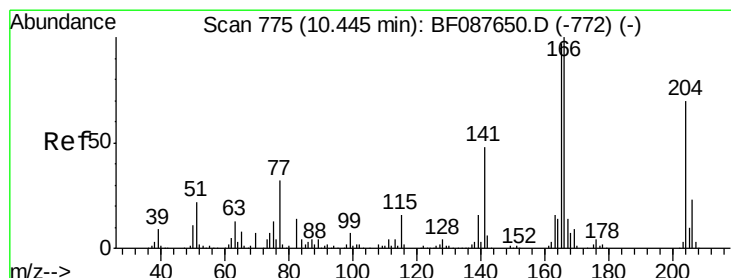
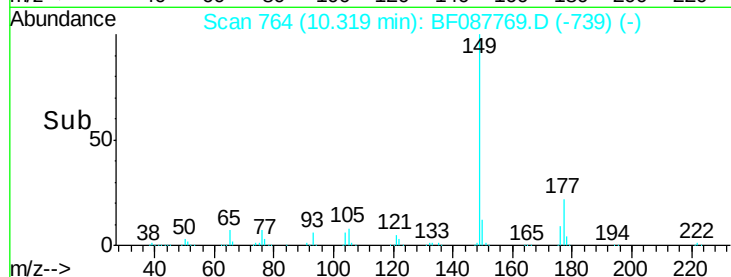
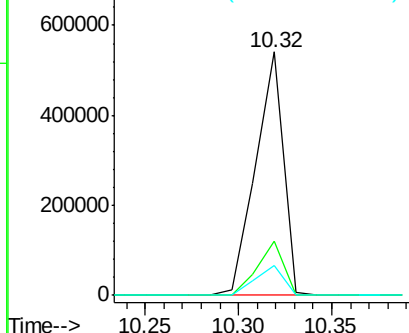
#59  
Diethylphthalate  
Concen: 43.44 ng  
RT: 10.32 min Scan# 764  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Instrument :  
BNA\_F  
ClientSampleId :  
W-12

Tgt Ion:149 Resp: 555034  
Ion Ratio Lower Upper  
149 100  
177 22.2 16.9 25.3  
150 12.3 10.1 15.1

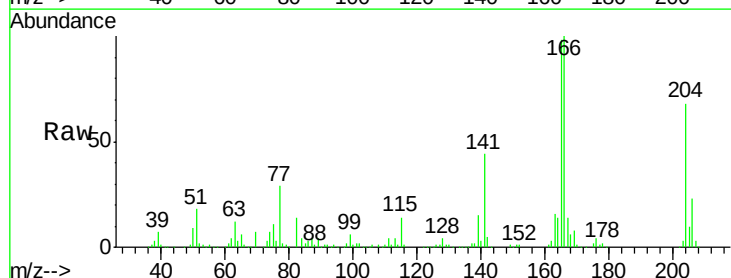


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

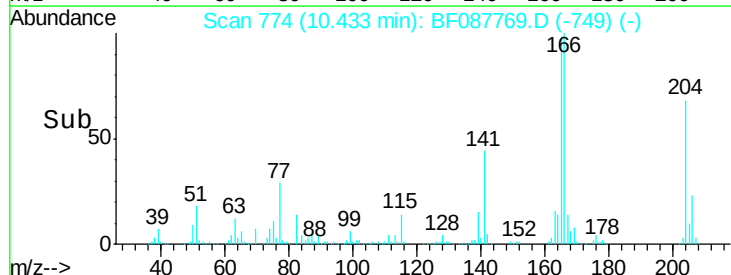
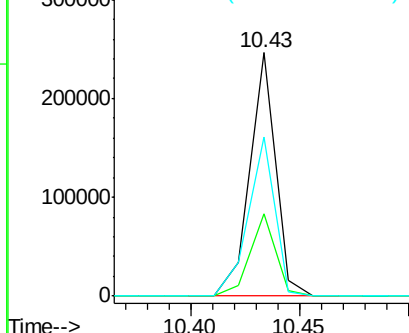


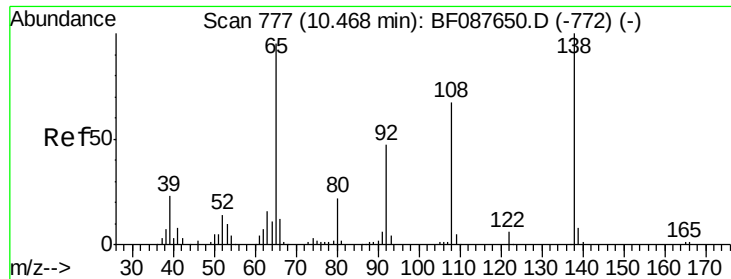
#60  
4-Chlorophenyl-phenylether  
Concen: 42.90 ng  
RT: 10.43 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion:204 Resp: 203249  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.3 39.5  
141 65.4 55.0 82.6



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

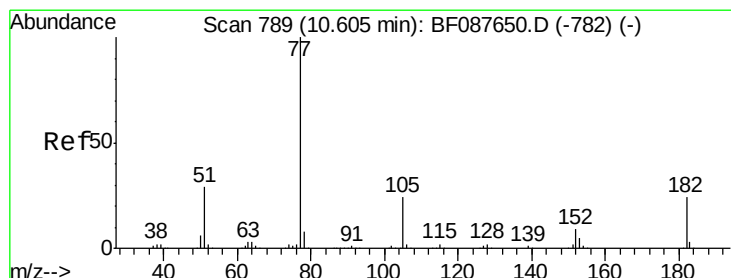
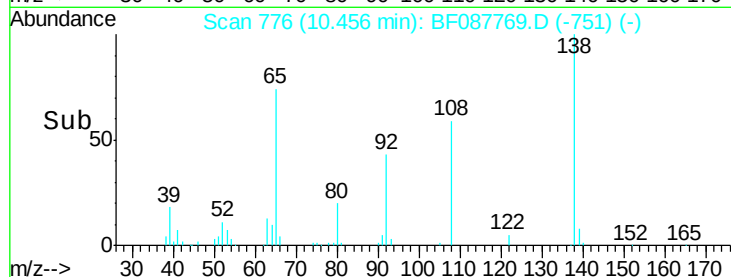
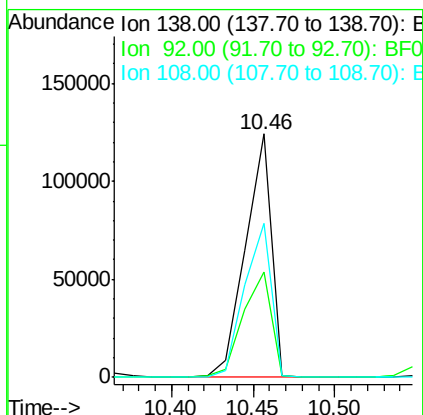
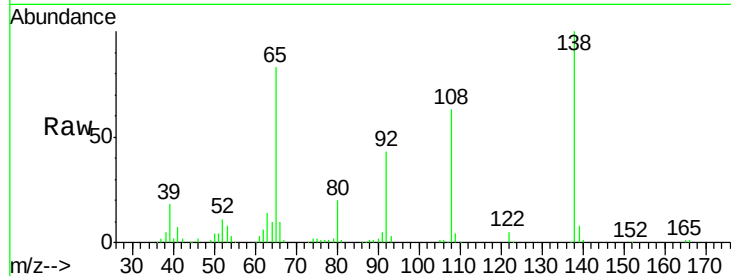




#61  
4-Nitroaniline  
Concen: 43.22 ng  
RT: 10.46 min Scan# 776  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

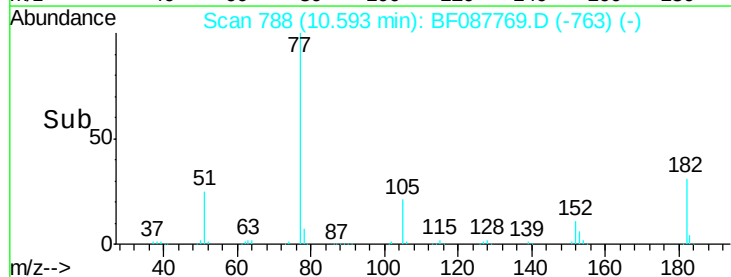
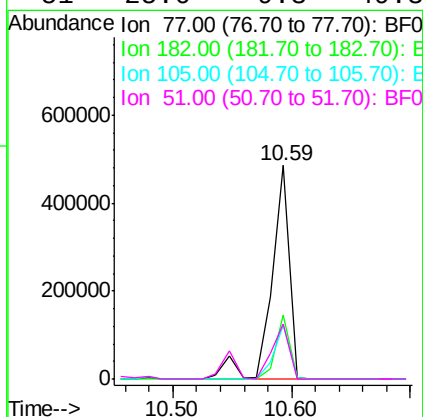
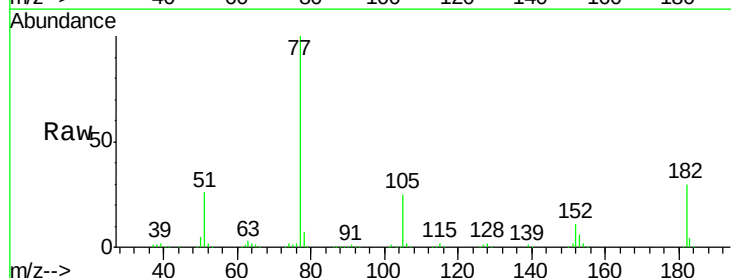
Instrument :  
BNA\_F  
ClientSampleId :  
W-12

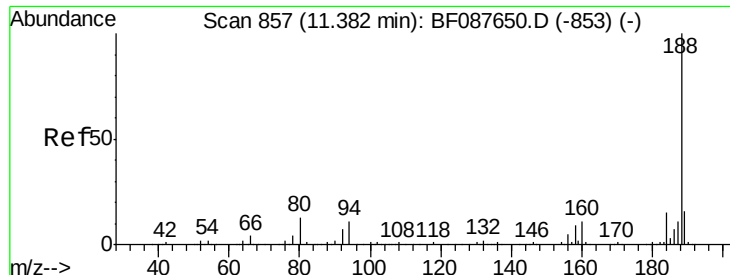
Tgt Ion:138 Resp: 137589  
Ion Ratio Lower Upper  
138 100  
92 43.1 27.3 67.3  
108 63.2 46.7 86.7



#62  
Azobenzene  
Concen: 39.67 ng  
RT: 10.59 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion: 77 Resp: 510224  
Ion Ratio Lower Upper  
77 100  
182 29.8 4.4 44.4  
105 25.2 3.8 43.8  
51 25.6 9.3 49.3

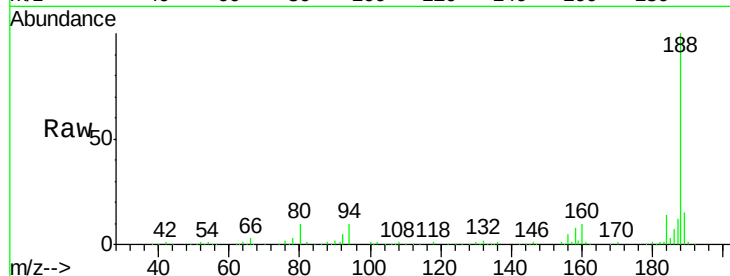




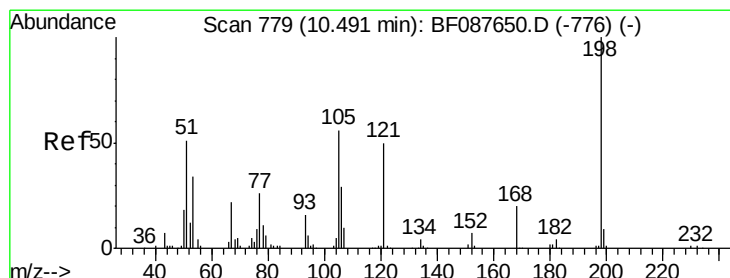
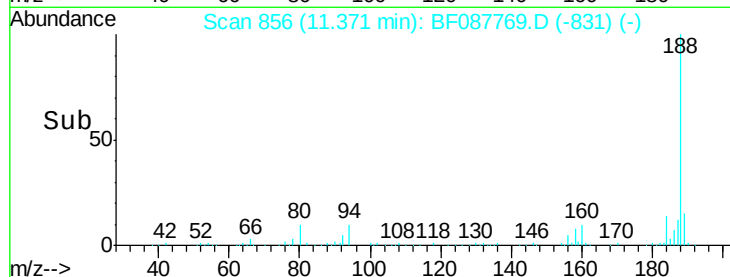
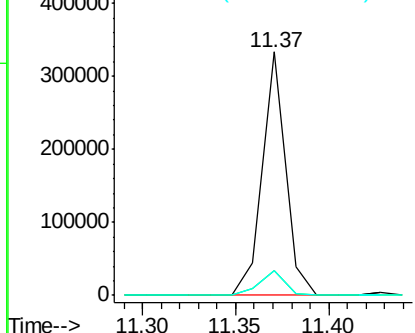
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.37 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Tgt Ion:188 Resp: 287194  
 Ion Ratio Lower Upper  
 188 100  
 94 10.2 9.0 13.6  
 80 10.4 10.0 15.0

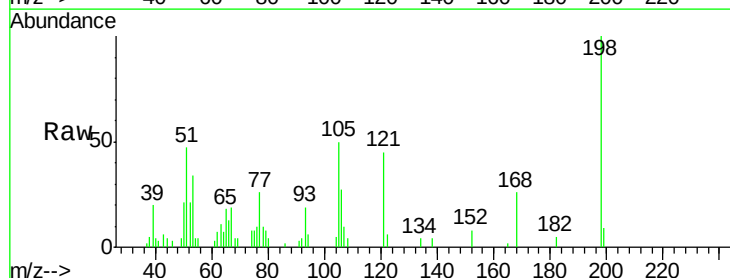


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

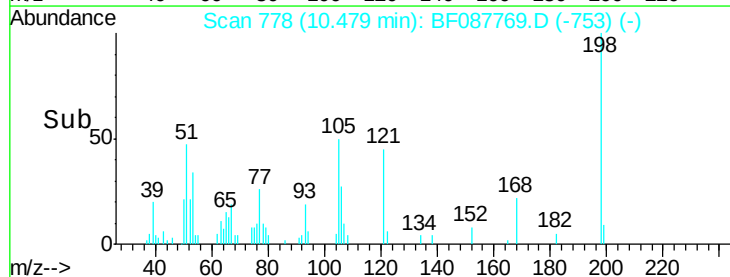
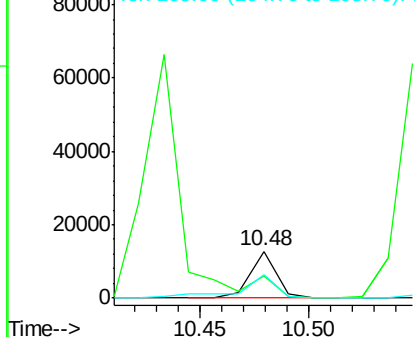


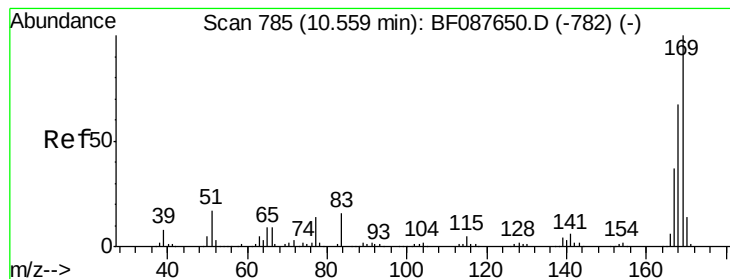
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.42 ng  
 RT: 10.48 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:198 Resp: 10673  
 Ion Ratio Lower Upper  
 198 100  
 51 46.8 39.6 79.6  
 105 50.5 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF0  
 Ion 105.00 (104.70 to 105.70): E

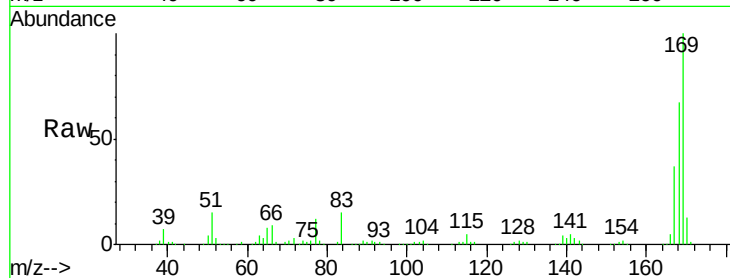




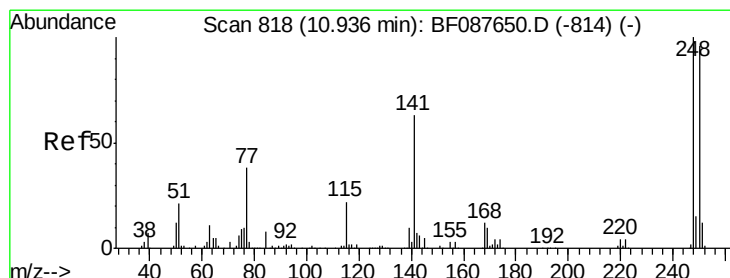
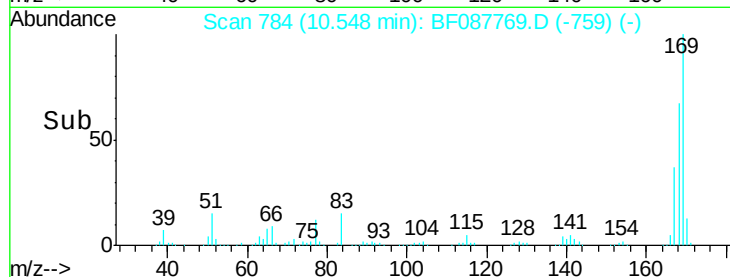
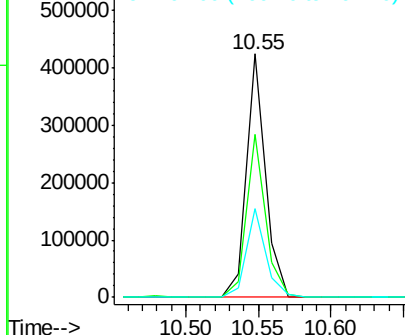
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.90 ng  
 RT: 10.55 min Scan# 784  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampled :  
 W-12

Tgt Ion:169 Resp: 384715  
 Ion Ratio Lower Upper  
 169 100  
 168 67.1 53.4 80.0  
 167 36.6 29.4 44.0

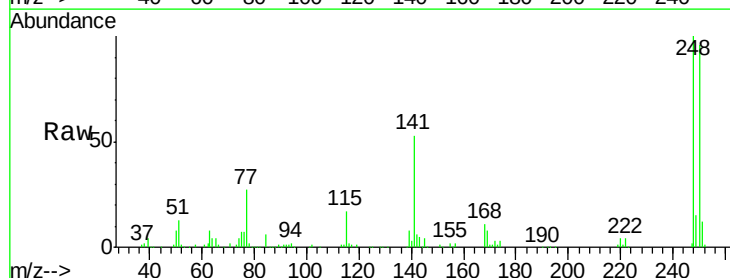


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

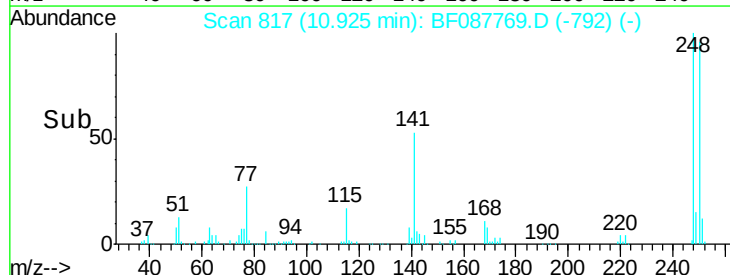
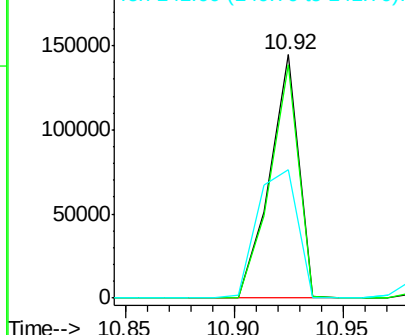


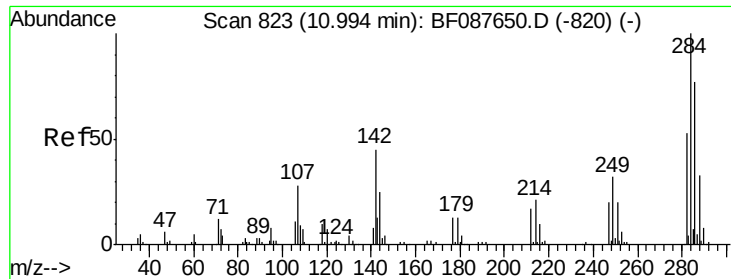
#66  
 4-Bromophenyl-phenylether  
 Concen: 47.64 ng  
 RT: 10.92 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:248 Resp: 135666  
 Ion Ratio Lower Upper  
 248 100  
 250 96.0 77.1 115.7  
 141 52.8 50.6 76.0



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





#67

Hexachlorobenzene

Concen: 39.59 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

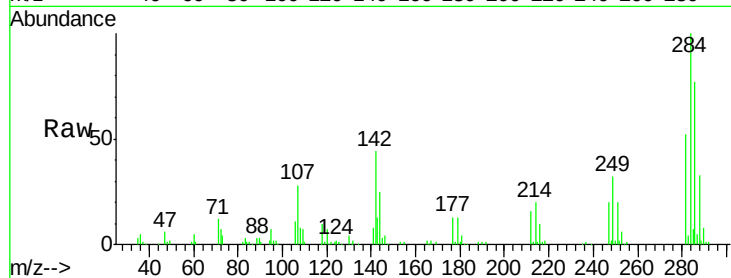
Tgt Ion:284 Resp: 126072

Ion Ratio Lower Upper

284 100

142 44.0 35.8 53.8

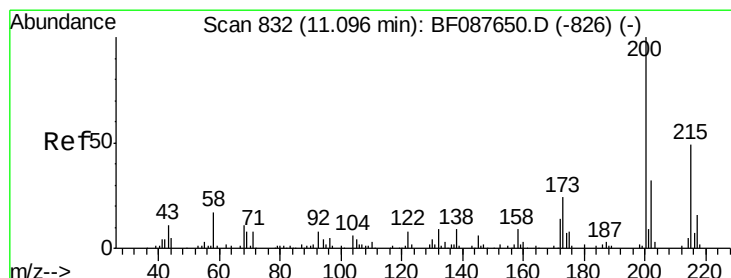
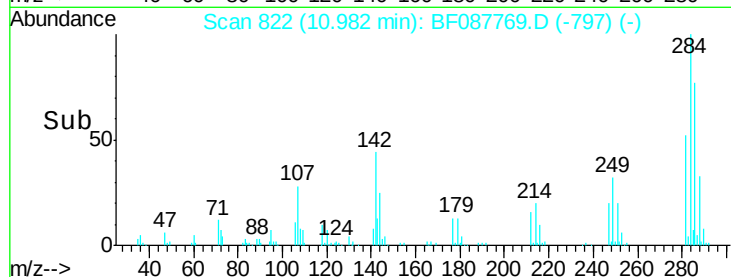
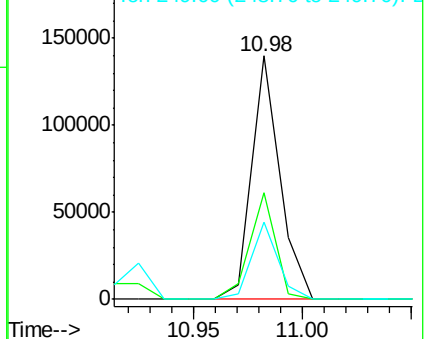
249 31.6 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 27.38 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

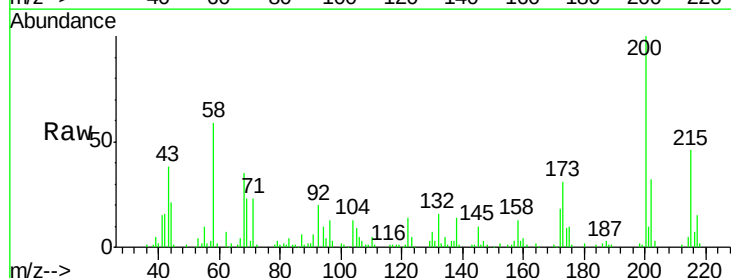
Tgt Ion:200 Resp: 76289

Ion Ratio Lower Upper

200 100

173 30.7 4.0 44.0

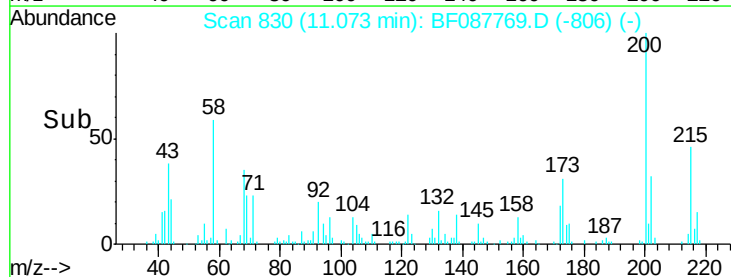
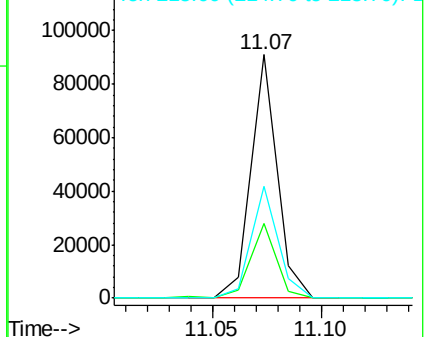
215 45.9 29.3 69.3

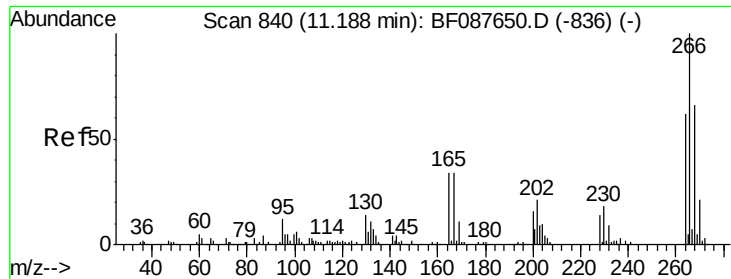


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

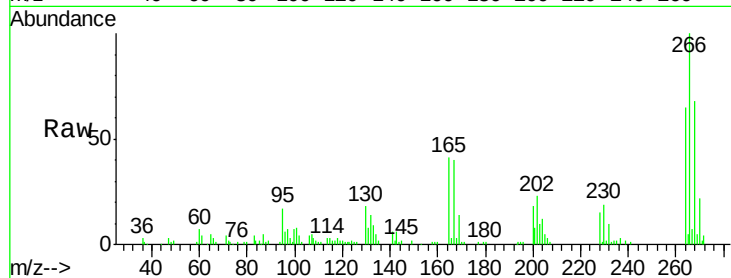




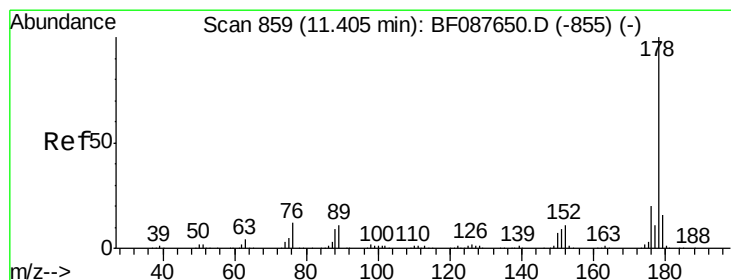
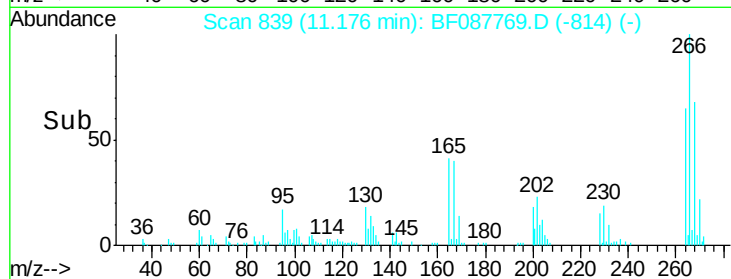
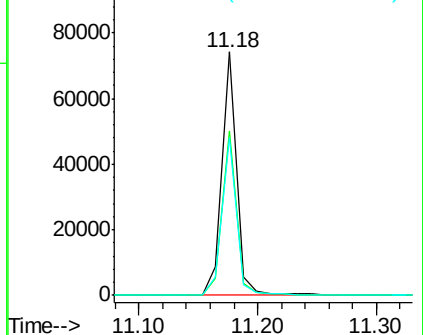
#69  
 Pentachlorophenol  
 Concen: 33.31 ng  
 RT: 11.18 min Scan# 839  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampled :  
 W-12

Tgt Ion:266 Resp: 63022  
 Ion Ratio Lower Upper  
 266 100  
 268 67.7 52.8 79.2  
 264 64.9 49.6 74.4

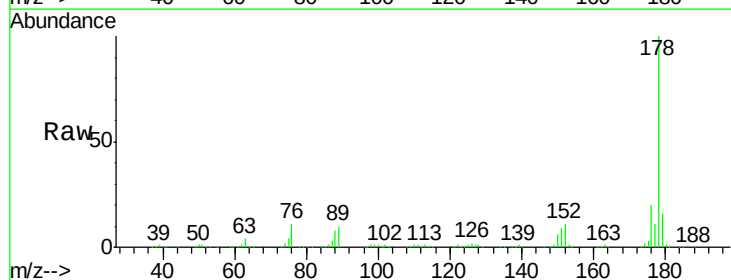


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

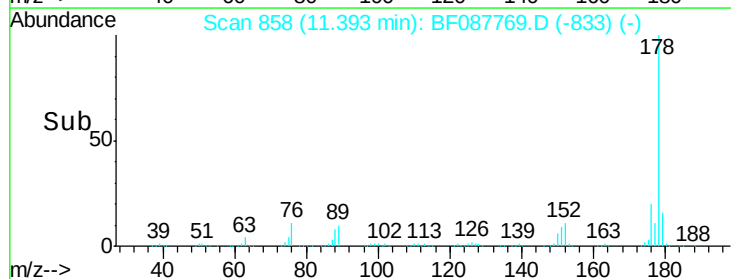
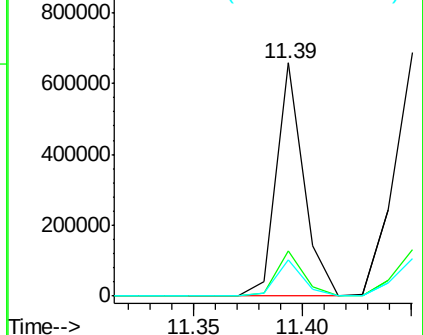


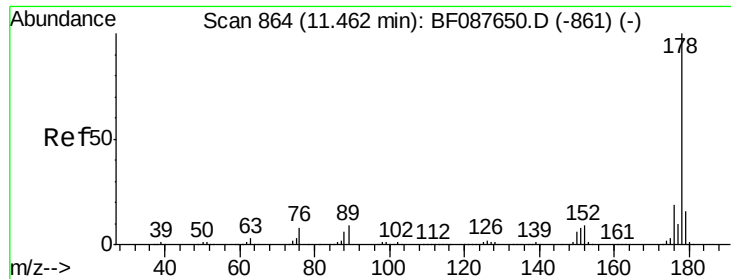
#70  
 Phenanthrene  
 Concen: 37.13 ng  
 RT: 11.39 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:178 Resp: 578120  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.8 23.6  
 179 15.8 13.0 19.4



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

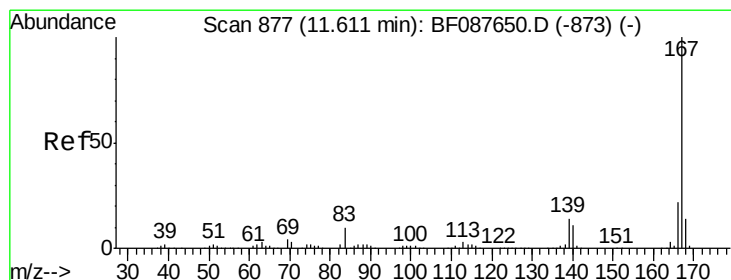
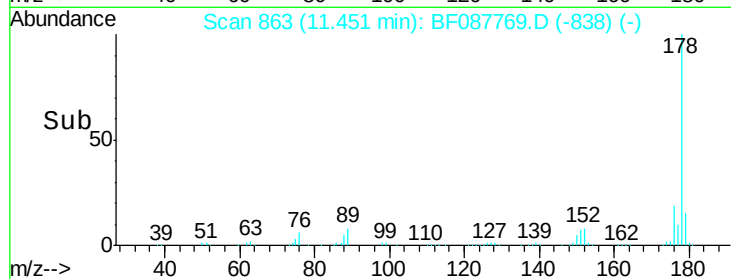
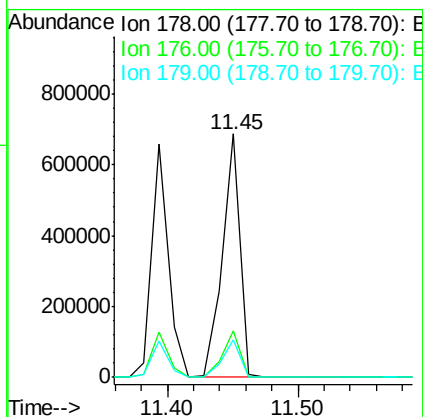
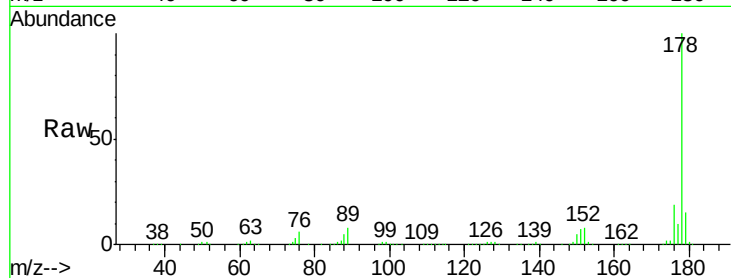




#71  
 Anthracene  
 Concen: 41.63 ng  
 RT: 11.45 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

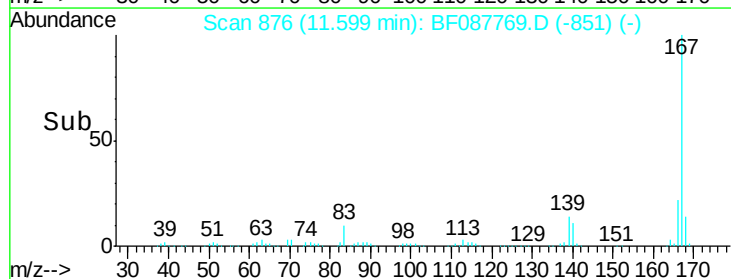
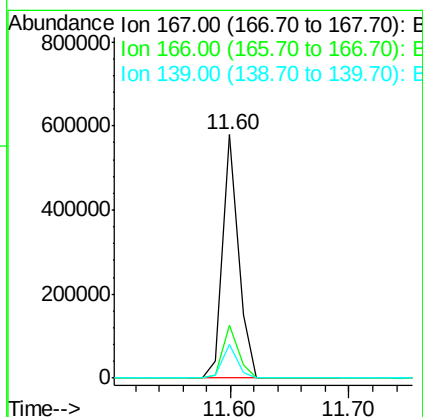
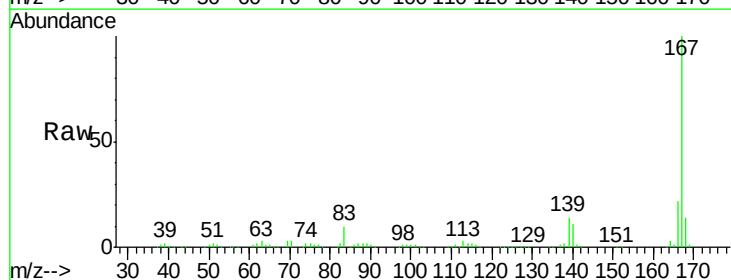
Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

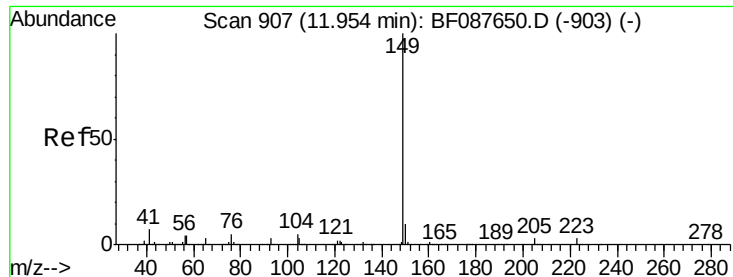
Tgt Ion:178 Resp: 649498  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.6 23.4  
 179 15.4 12.8 19.2



#72  
 Carbazole  
 Concen: 36.00 ng  
 RT: 11.60 min Scan# 876  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:167 Resp: 531707  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.8 26.6  
 139 14.0 11.2 16.8





#73

Di-n-butylphthalate

Concen: 49.38 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

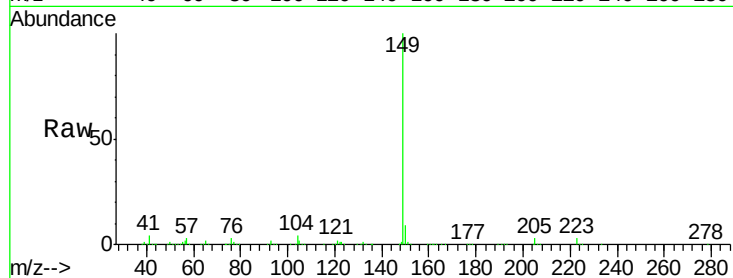
Tgt Ion:149 Resp: 781895

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

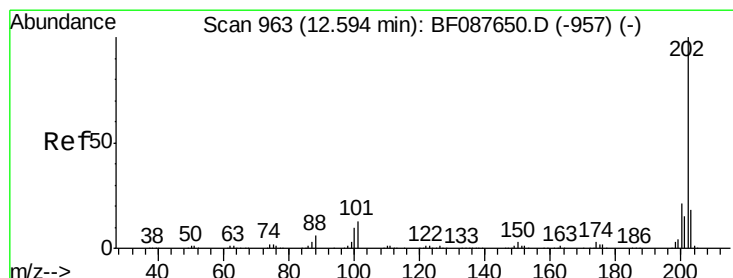
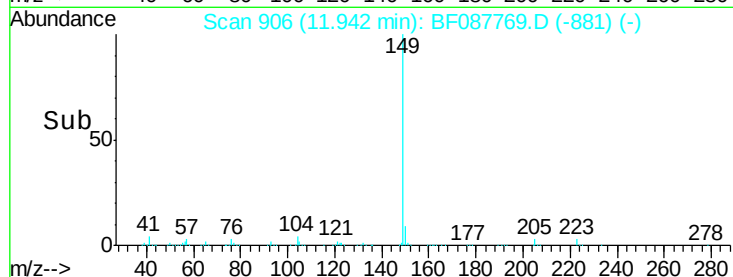
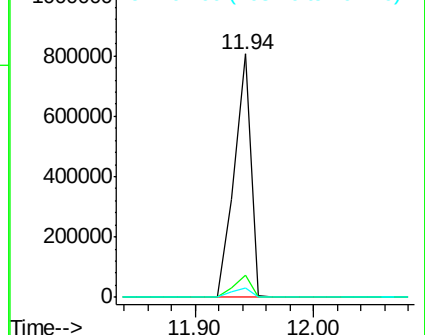
104 4.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.96 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

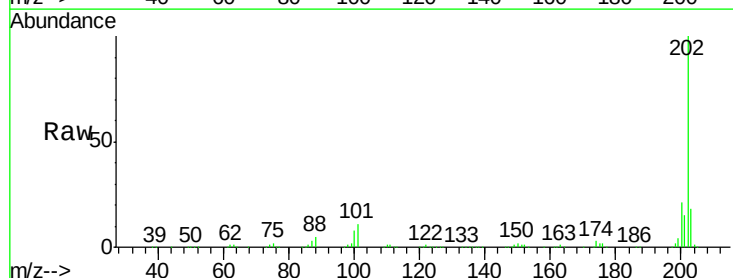
Tgt Ion:202 Resp: 627575

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.1

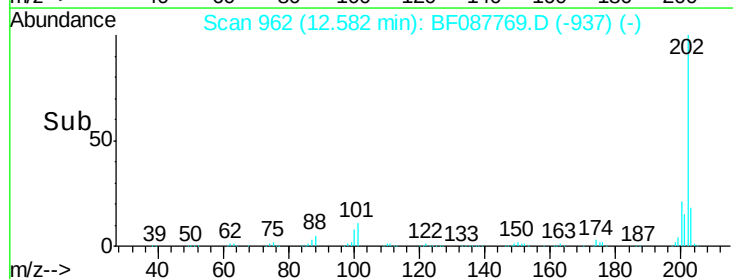
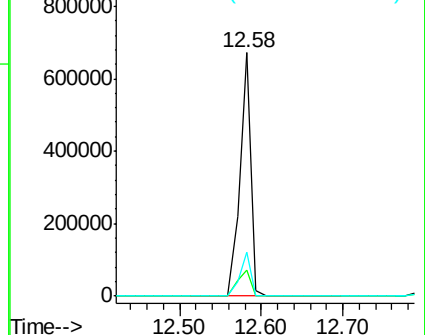
203 17.8 0.0 38.1



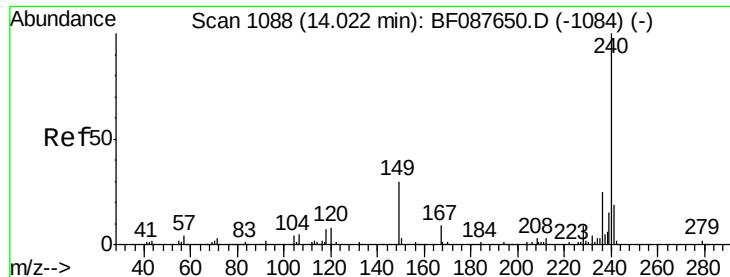
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

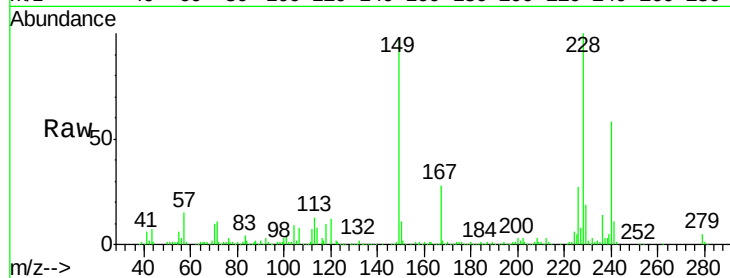
Tgt Ion:240 Resp: 195312

Ion Ratio Lower Upper

240 100

120 20.5 6.8 10.2#

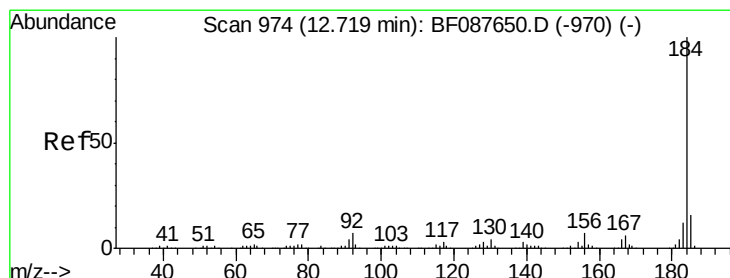
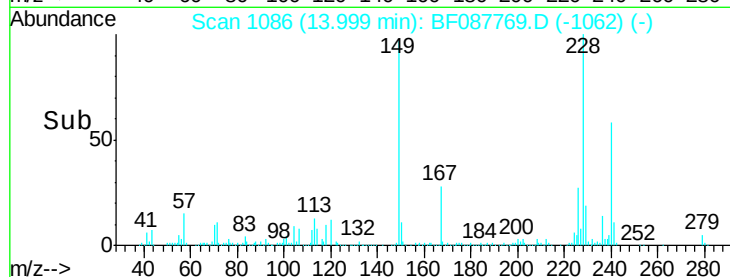
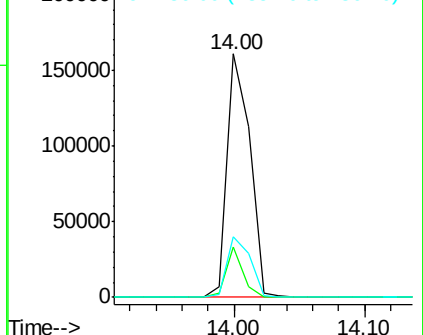
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.14 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

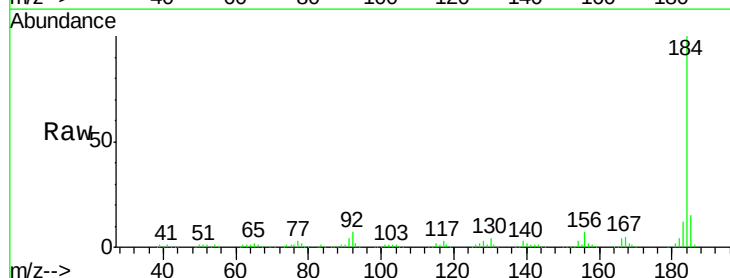
Tgt Ion:184 Resp: 332221

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

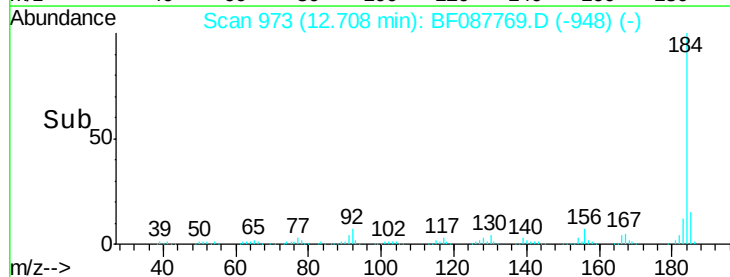
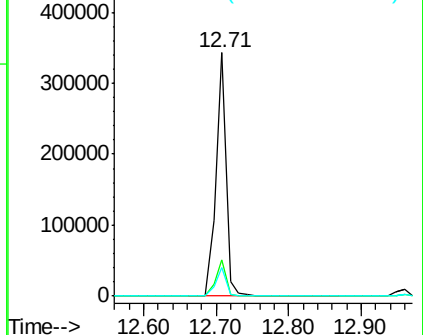
183 11.6 9.3 13.9

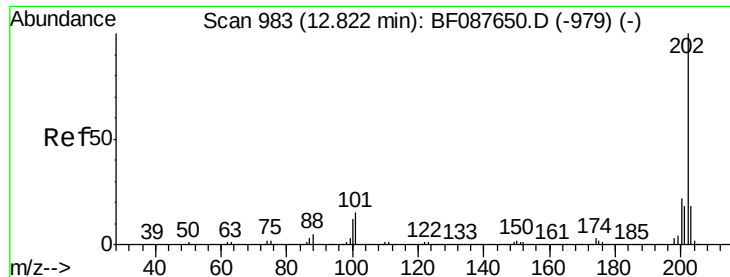


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

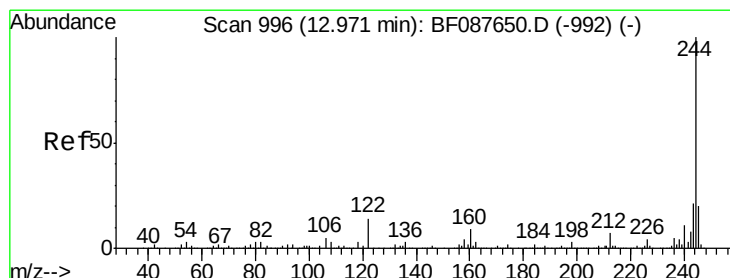
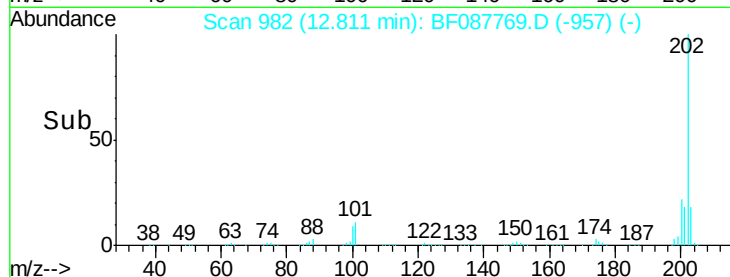
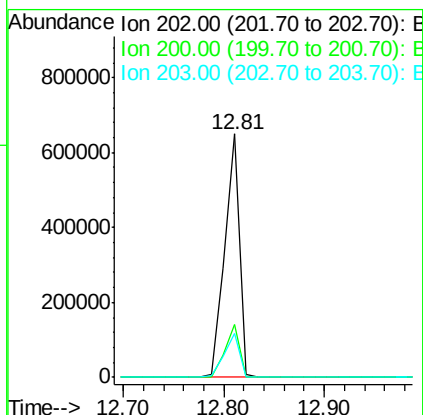
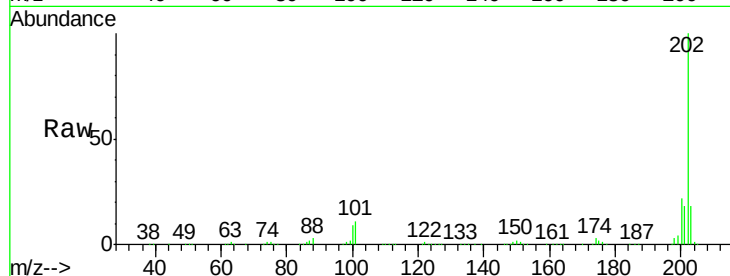




#77  
 Pyrene  
 Concen: 47.42 ng  
 RT: 12.81 min Scan# 982  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

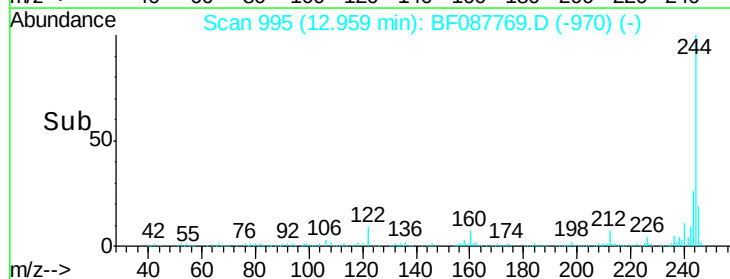
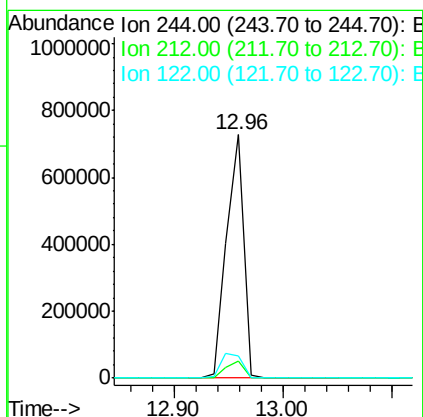
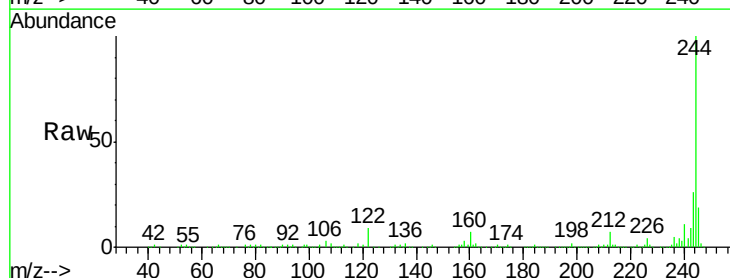
Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

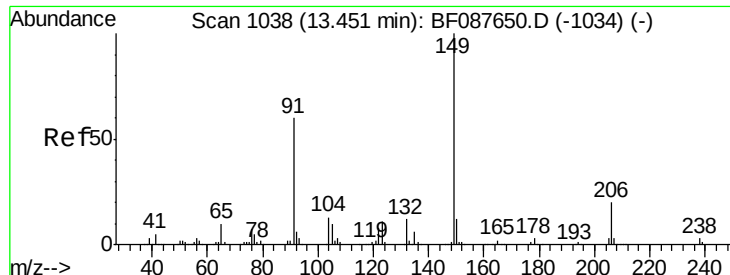
Tgt Ion: 202 Resp: 659552  
 Ion Ratio Lower Upper  
 202 100  
 200 21.7 17.4 26.2  
 203 17.8 14.5 21.7



#78  
 Terphenyl-d14  
 Concen: 99.12 ng  
 RT: 12.96 min Scan# 995  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion: 244 Resp: 793357  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 6.0 9.0  
 122 9.3 11.2 16.8#

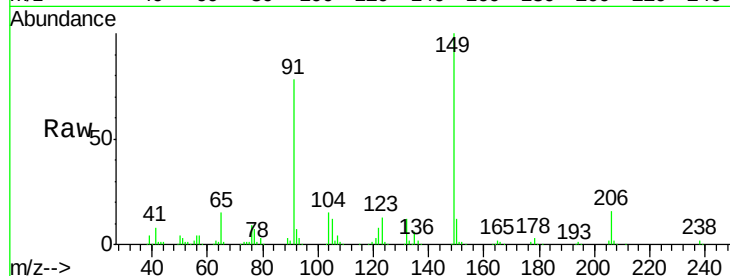




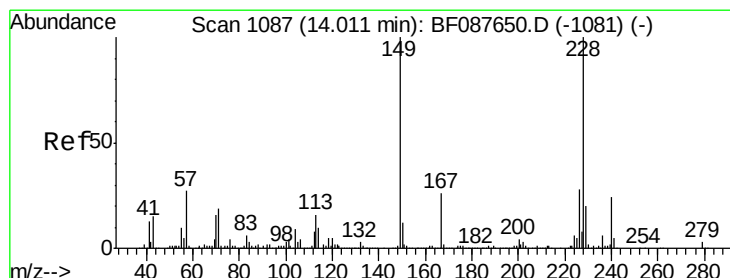
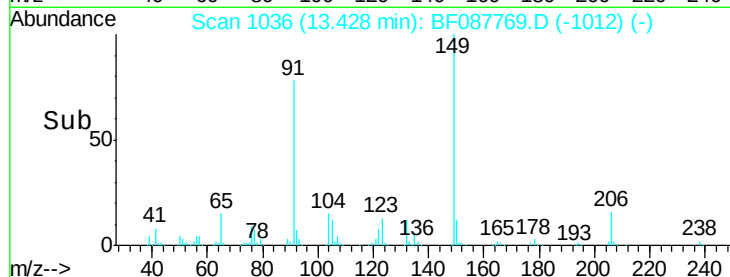
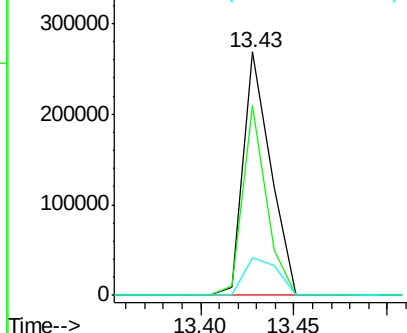
#79  
Butylbenzylphthalate  
Concen: 46.09 ng  
RT: 13.43 min Scan# 1036  
Delta R.T. -0.02 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Instrument :  
BNA\_F  
ClientSampleId :  
W-12

Tgt Ion:149 Resp: 272831  
Ion Ratio Lower Upper  
149 100  
91 77.7 48.0 72.0#  
206 15.5 16.0 24.0#

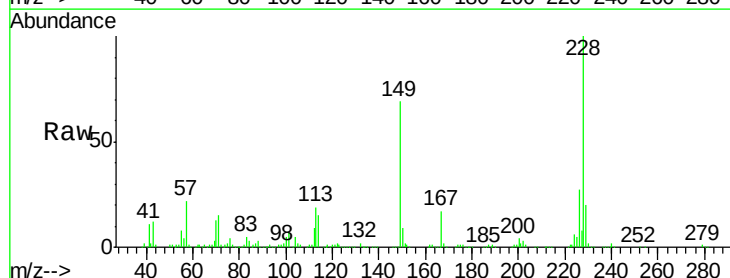


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

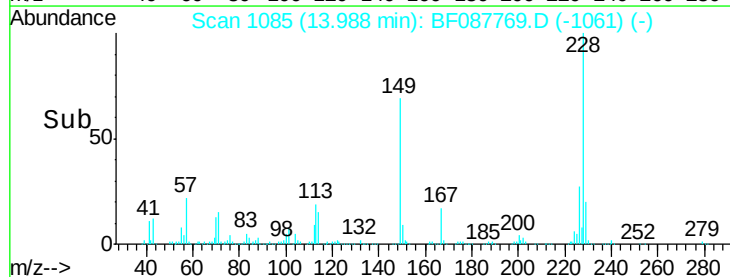
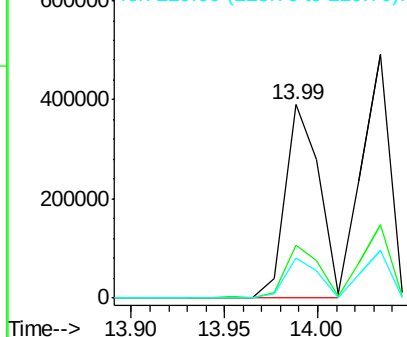


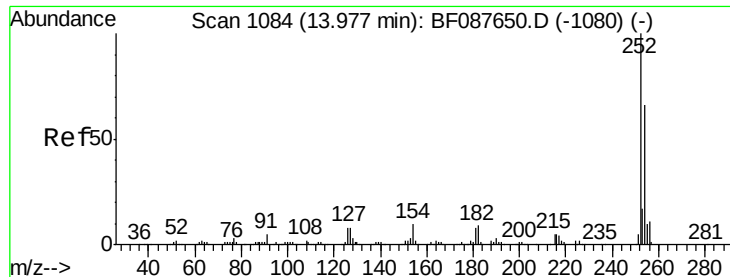
#80  
Benzo(a)anthracene  
Concen: 43.79 ng  
RT: 13.99 min Scan# 1085  
Delta R.T. -0.02 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion:228 Resp: 493607  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.3 33.5  
229 20.4 16.0 24.0



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

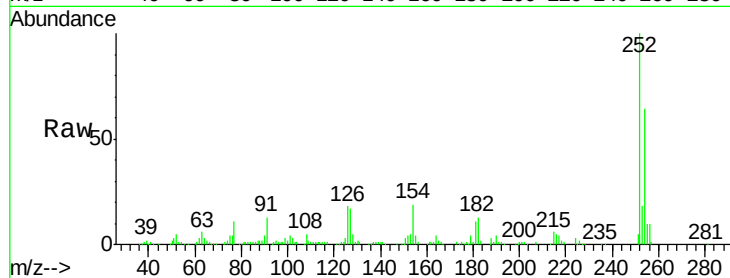




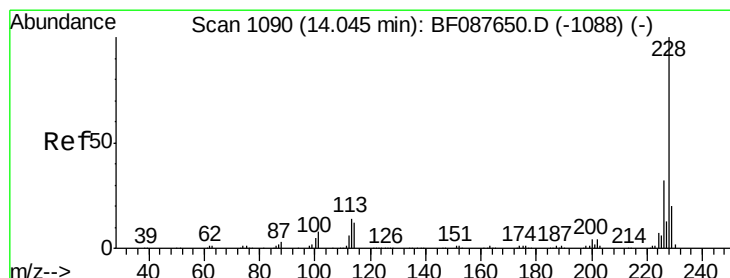
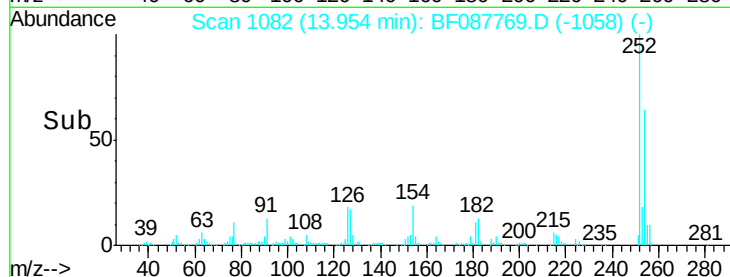
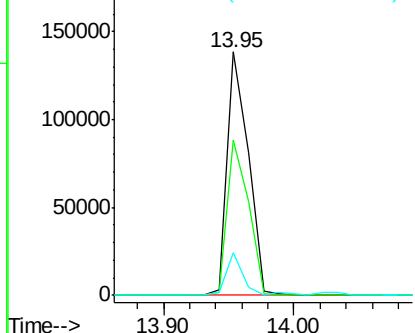
#81  
 3,3'-Dichlorobenzidine  
 Concen: 48.85 ng  
 RT: 13.95 min Scan# 1082  
 Delta R.T. -0.02 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

Tgt Ion:252 Resp: 155339  
 Ion Ratio Lower Upper  
 252 100  
 254 63.7 52.6 78.8  
 126 17.6 6.2 9.2#

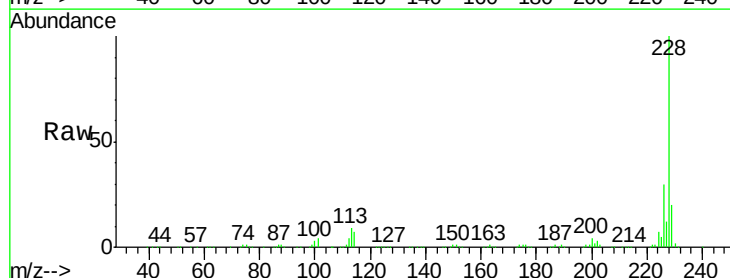


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

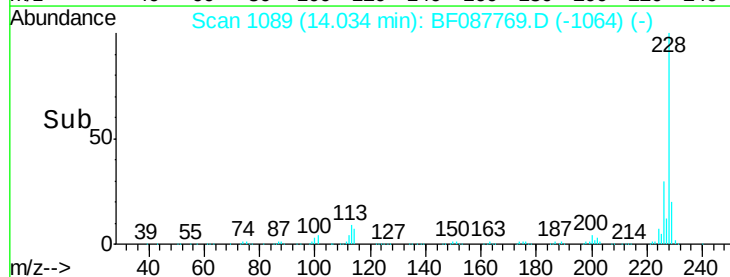
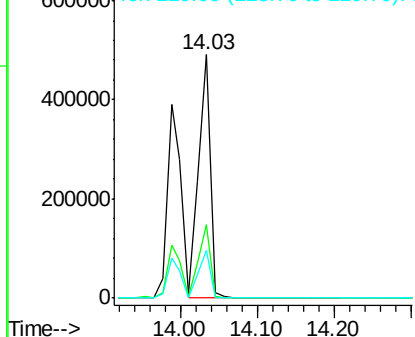


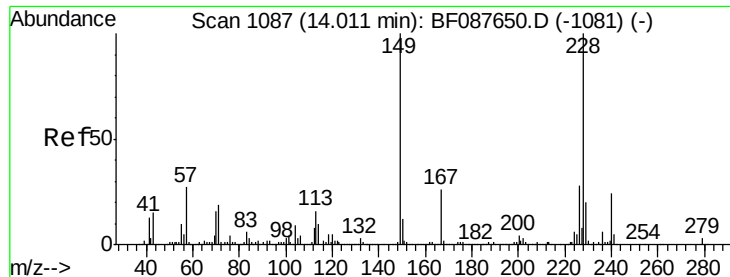
#82  
 Chrysene  
 Concen: 45.84 ng  
 RT: 14.03 min Scan# 1089  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion:228 Resp: 514245  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 25.4 38.2  
 229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.98 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

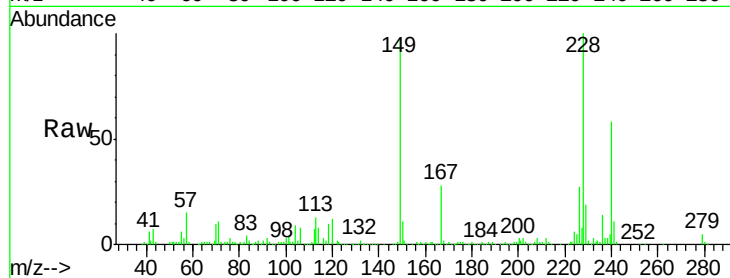
Tgt Ion:149 Resp: 380255

Ion Ratio Lower Upper

149 100

167 28.3 20.5 30.7

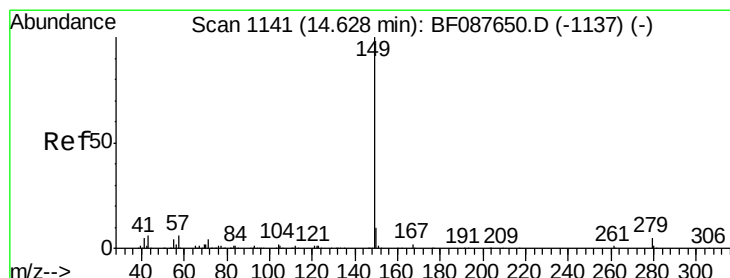
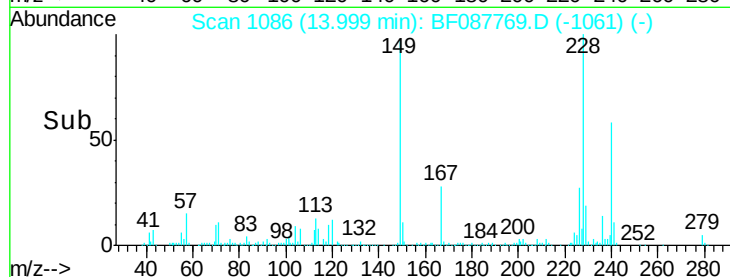
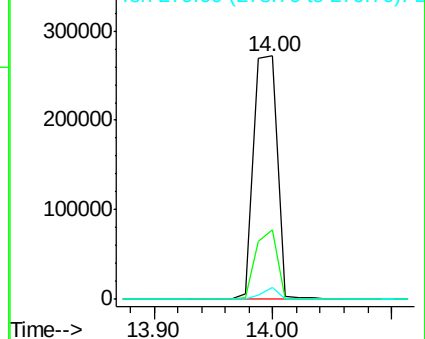
279 4.8 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.97 ng

RT: 14.61 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

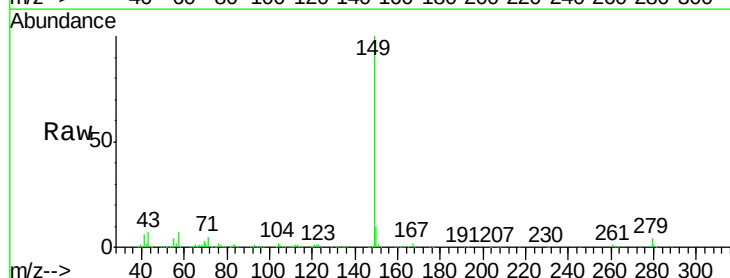
Tgt Ion:149 Resp: 693690

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

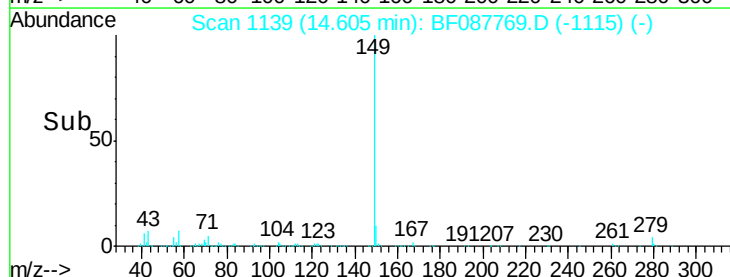
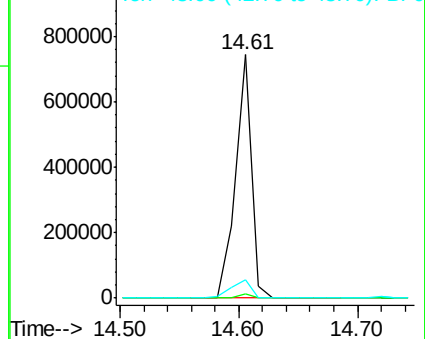
43 9.4 0.0 0.0#

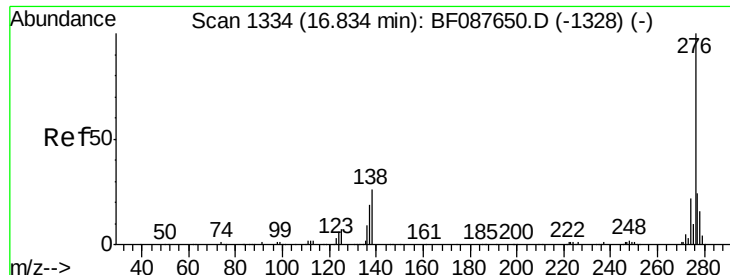


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

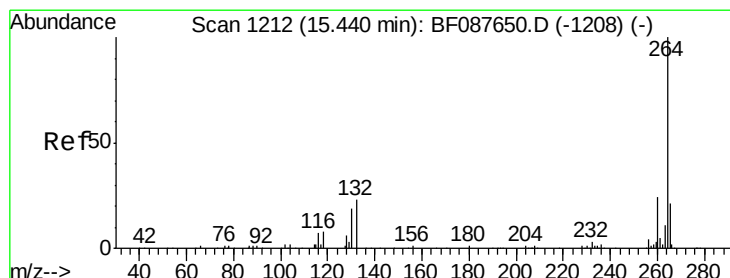
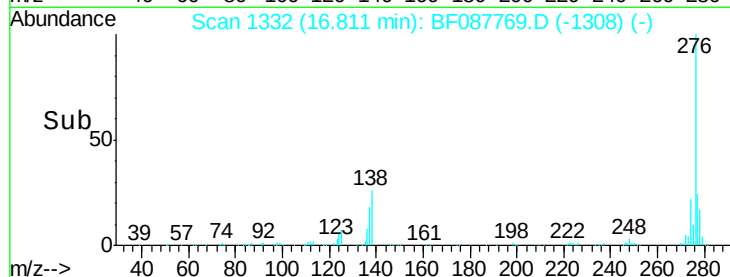
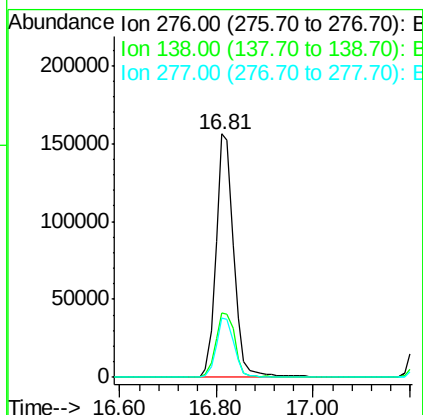
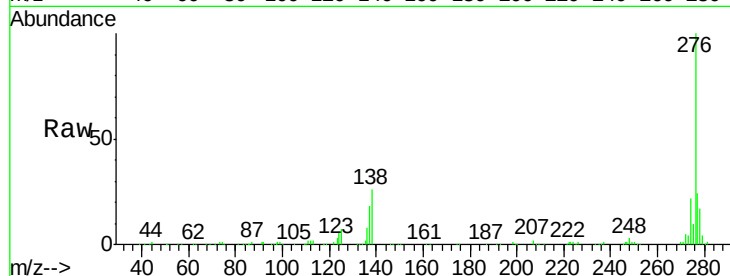




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.43 ng  
 RT: 16.81 min Scan# 1332  
 Delta R.T. -0.02 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

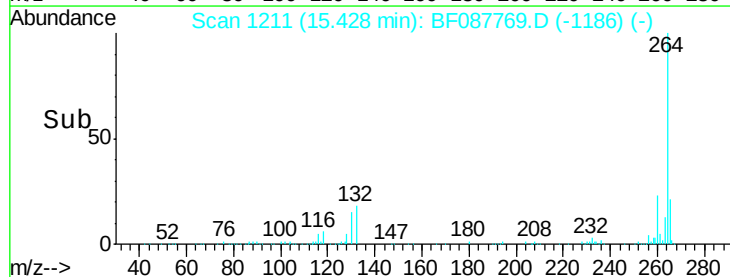
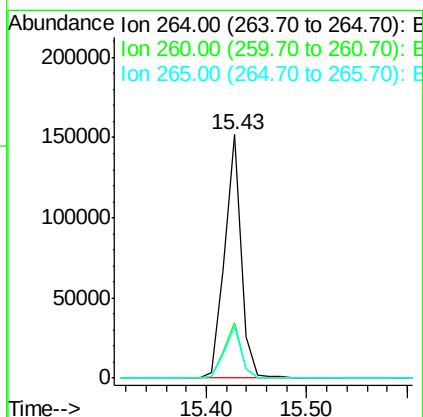
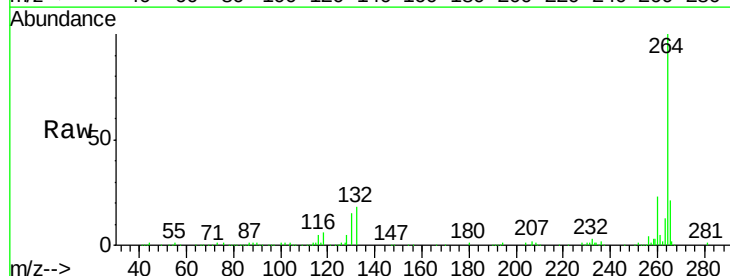
Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-12

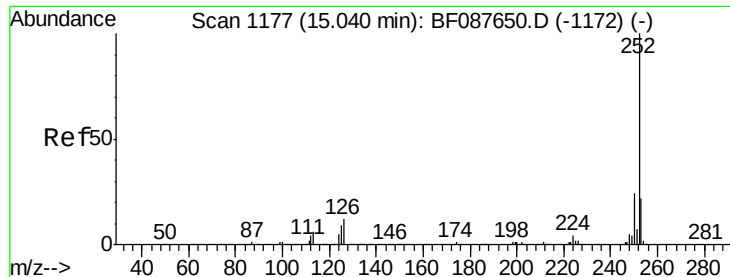
Tgt Ion: 276 Resp: 402795  
 Ion Ratio Lower Upper  
 276 100  
 138 29.1 0.0 0.0#  
 277 24.9 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.43 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BF087769.D  
 Acq: 7 Jun 2016 1:55

Tgt Ion: 264 Resp: 174157  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.2 28.8  
 265 21.1 16.9 25.3

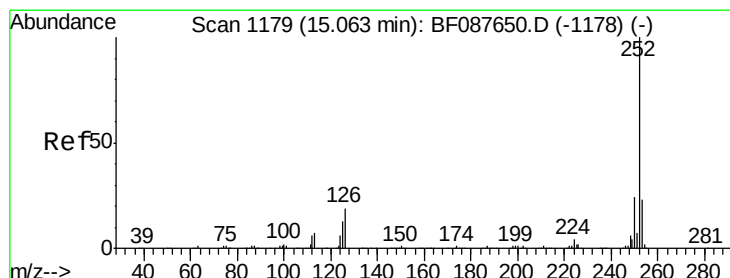
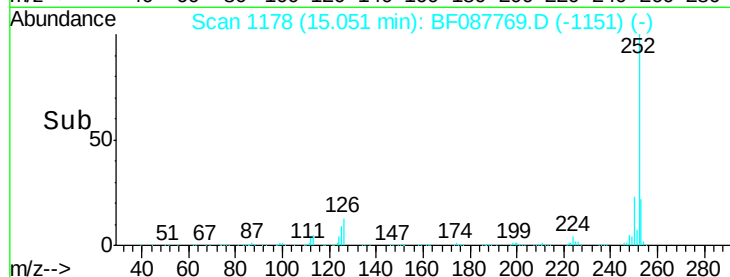
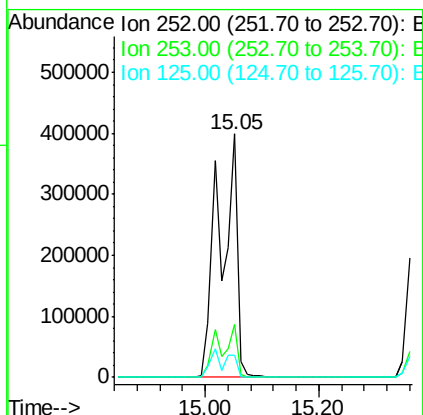
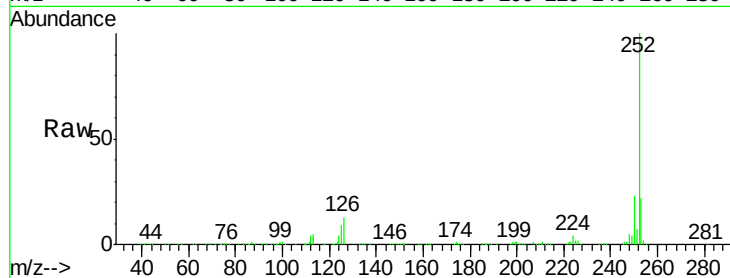




#87  
Benzo(b)fluoranthene  
Concen: 76.40 ng  
RT: 15.05 min Scan# 1178  
Delta R.T. 0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

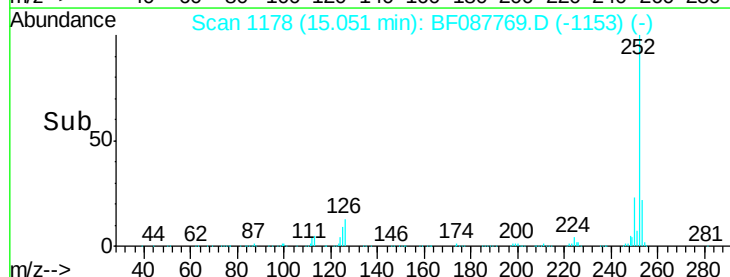
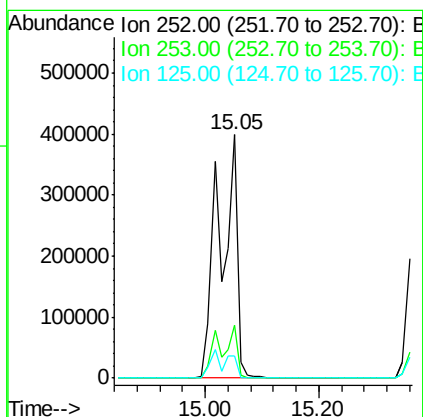
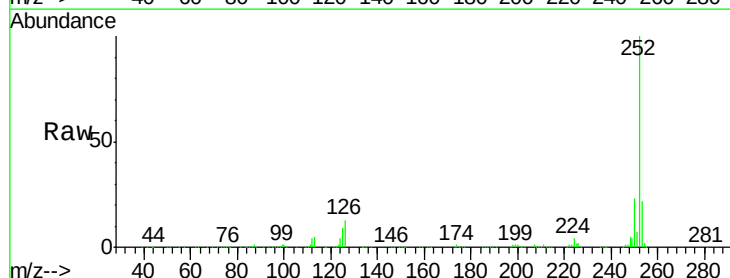
Instrument :  
BNA\_F  
ClientSampled :  
W-12

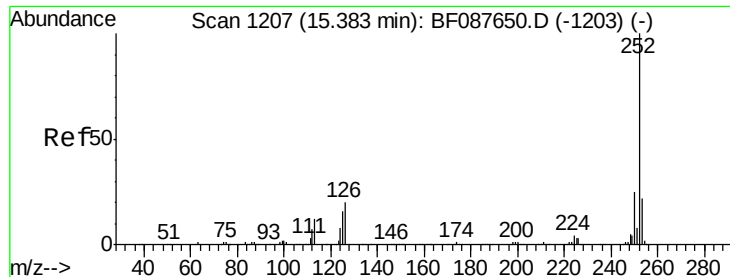
Tgt Ion:252 Resp: 865510  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 8.9 7.1 10.7



#88  
Benzo(k)fluoranthene  
Concen: 91.82 ng  
RT: 15.05 min Scan# 1178  
Delta R.T. -0.01 min  
Lab File: BF087769.D  
Acq: 7 Jun 2016 1:55

Tgt Ion:252 Resp: 865510  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 8.9 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 41.73 ng

RT: 15.37 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

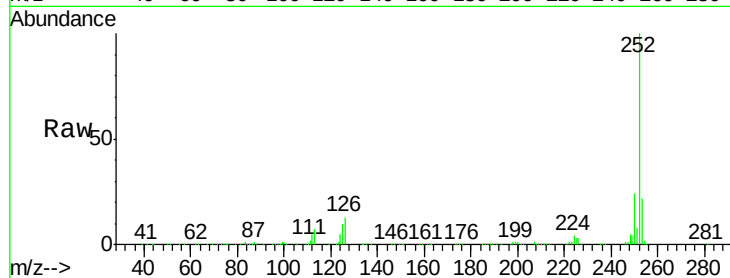
Tgt Ion:252 Resp: 397392

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

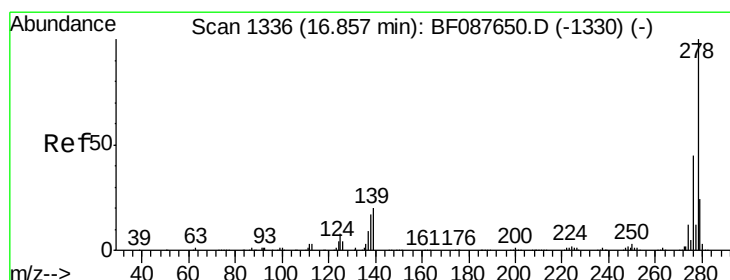
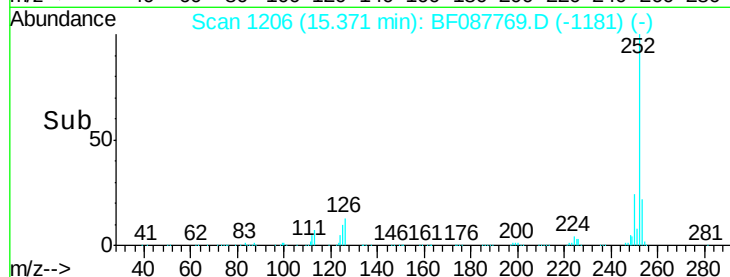
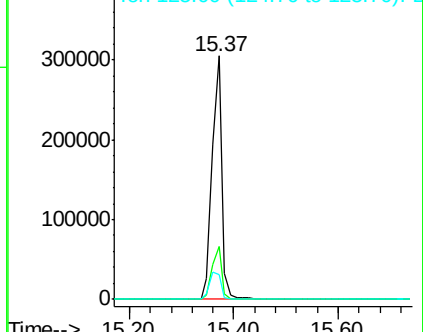
125 10.3 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.13 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

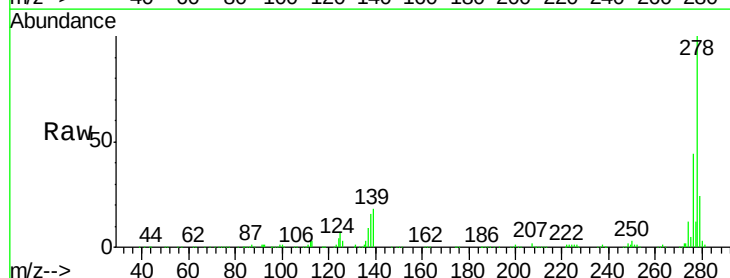
Tgt Ion:278 Resp: 341422

Ion Ratio Lower Upper

278 100

139 18.1 15.7 23.5

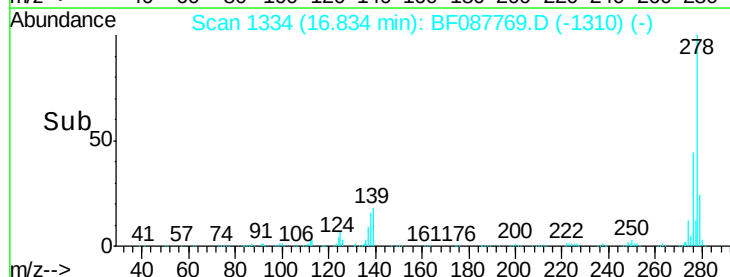
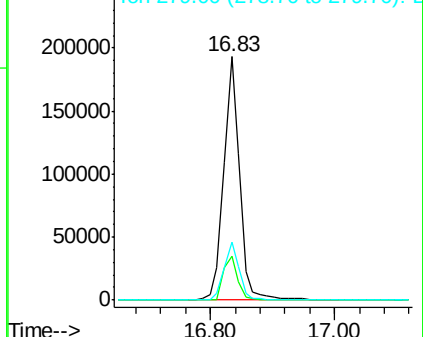
279 23.7 19.4 29.2



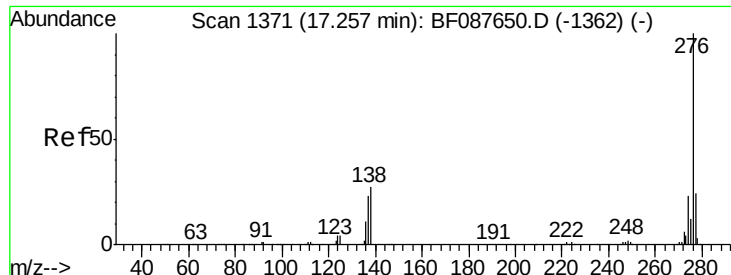
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91

Benzo(g,h,i)perylene

Concen: 40.26 ng

RT: 17.23 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF087769.D

Acq: 7 Jun 2016 1:55

Instrument :

BNA\_F

ClientSampleId :

W-12

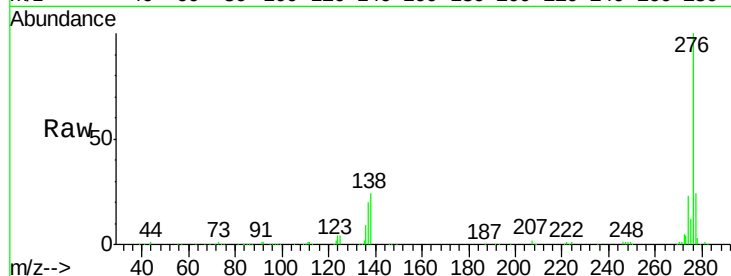
Tgt Ion: 276 Resp: 329193

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 23.6 21.4 32.2



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

