

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF120815\  
 Data File : BF083603.D  
 Acq On : 8 Dec 2015 19:21  
 Operator : UM/IZ  
 Sample : PB86955BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

Quant Time: Dec 09 01:20:29 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF120815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 09 00:23:35 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.70  | 152  | 165281   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.60  | 136  | 663322   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.38 | 164  | 335435   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.79 | 188  | 623030   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.99 | 240  | 515755   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 18.64 | 264  | 387387   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 4.00  | 112 | 1324859 | 121.58 | ng | 0.02 |
| 7) Phenol-d6             | 5.28  | 99  | 1674595 | 115.01 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 6.53  | 82  | 1111627 | 78.20  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.69 | 330 | 355701  | 119.03 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.34  | 172 | 1825559 | 76.60  | ng | 0.00 |
| 78) Terphenyl-d14        | 15.41 | 244 | 1705411 | 77.80  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.89 | 88  | 182900  | 33.97 | ng | # 89   |
| 3) Pyridine                    | 2.33 | 79  | 471673  | 36.06 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.29 | 42  | 270327  | 39.26 | ng | 94     |
| 6) Aniline                     | 5.26 | 93  | 463157  | 25.81 | ng | 93     |
| 8) 2-Chlorophenol              | 5.42 | 128 | 475549  | 39.90 | ng | 94     |
| 9) Benzaldehyde                | 5.12 | 77  | 157721  | 17.29 | ng | 96     |
| 10) Phenol                     | 5.29 | 94  | 712113  | 40.38 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 5.37 | 93  | 481397  | 37.10 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 5.72 | 146 | 511404  | 38.50 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 5.72 | 146 | 512651  | 37.62 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 5.94 | 146 | 489878  | 38.74 | ng | 97     |
| 15) Benzyl Alcohol             | 5.95 | 79  | 477827  | 46.12 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.12 | 45  | 911274  | 37.98 | ng | # 61   |
| 17) 2-Methylphenol             | 6.14 | 107 | 410566  | 42.34 | ng | 92     |
| 18) Hexachloroethane           | 6.41 | 117 | 184612  | 38.37 | ng | # 88   |
| 19) n-Nitroso-di-n-propylamine | 6.34 | 70  | 412502  | 40.59 | ng | 96     |
| 20) 3+4-Methylphenols          | 6.38 | 107 | 518777  | 40.63 | ng | 97     |
| 22) Acetophenone               | 6.32 | 105 | 690724  | 37.12 | ng | # 98   |
| 24) Nitrobenzene               | 6.56 | 77  | 567516  | 36.12 | ng | 97     |
| 25) Isophorone                 | 6.93 | 82  | 1045599 | 37.90 | ng | 98     |
| 26) 2-Nitrophenol              | 7.04 | 139 | 244355  | 39.17 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.16 | 122 | 430677  | 39.46 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.29 | 93  | 633615  | 41.36 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.45 | 162 | 412777  | 41.59 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.53 | 180 | 413655  | 37.73 | ng | 99     |
| 31) Naphthalene                | 7.63 | 128 | 1349714 | 38.42 | ng | 99     |
| 32) Benzoic acid               | 7.49 | 122 | 240128  | 35.19 | ng | 96     |
| 33) 4-Chloroaniline            | 7.78 | 127 | 250102  | 19.52 | ng | 94     |
| 34) Hexachlorobutadiene        | 7.84 | 225 | 244826  | 38.22 | ng | 98     |
| 35) Caprolactam                | 8.38 | 113 | 72485   | 24.33 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 454447  | 40.76 | ng | 93     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 900230  | 40.79 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 400803  | 36.40 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 8.98 | 237 | 174761  | 71.54 | ng | 98     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF120815\  
 Data File : BF083603.D  
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 Sample : PB86955BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

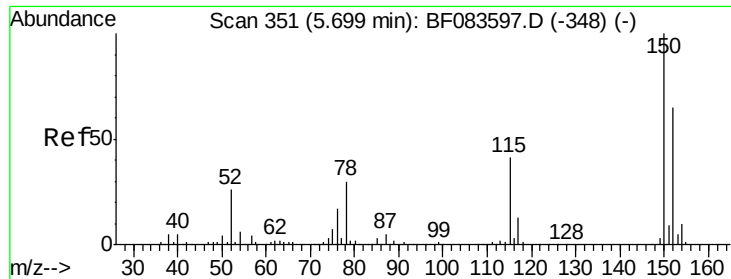
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

Quant Time: Dec 09 01:20:29 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF120815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 09 00:23:35 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.23  | 196  | 249359   | 37.85 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.31  | 196  | 262135   | 40.41 | ng    | # 90     |
| 45) 1,1'-Biphenyl              | 9.49  | 154  | 1067764  | 36.62 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.50  | 162  | 829370   | 37.68 | ng    | 95       |
| 47) 2-Nitroaniline             | 9.72  | 65   | 322573   | 40.63 | ng    | 94       |
| 48) Acenaphthylene             | 10.16 | 152  | 1359685  | 37.46 | ng    | 100      |
| 49) Dimethylphthalate          | 10.04 | 163  | 1021996  | 38.28 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.13 | 165  | 219956   | 39.90 | ng    | 93       |
| 51) Acenaphthene               | 10.44 | 154  | 788867   | 37.96 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.41 | 138  | 143729   | 24.53 | ng    | 82       |
| 53) 2,4-Dinitrophenol          | 10.60 | 184  | 205345   | 75.60 | ng    | 99       |
| 54) Dibenzofuran               | 10.73 | 168  | 1205522  | 41.83 | ng    | 96       |
| 55) 4-Nitrophenol              | 10.80 | 139  | 221882   | 86.01 | ng    | # 72     |
| 56) 2,4-Dinitrotoluene         | 10.80 | 165  | 302931   | 41.43 | ng    | # 86     |
| 57) Fluorene                   | 11.28 | 166  | 974614   | 38.75 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.97 | 232  | 228548   | 43.81 | ng    | # 100    |
| 59) Diethylphthalate           | 11.18 | 149  | 999549   | 38.50 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 11.31 | 204  | 458491   | 38.29 | ng    | 89       |
| 61) 4-Nitroaniline             | 11.41 | 138  | 210567   | 39.56 | ng    | 97       |
| 62) Azobenzene                 | 11.56 | 77   | 1240420  | 43.41 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 11.46 | 198  | 158033   | 37.67 | ng    | 95       |
| 65) n-Nitrosodiphenylamine     | 11.52 | 169  | 831322   | 40.43 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 266140   | 38.30 | ng    | 97       |
| 67) Hexachlorobenzene          | 12.17 | 284  | 285183   | 38.68 | ng    | 94       |
| 68) Atrazine                   | 12.44 | 200  | 259990   | 42.50 | ng    | 98       |
| 69) Pentachlorophenol          | 12.53 | 266  | 176862   | 87.11 | ng    | 100      |
| 70) Phenanthrene               | 12.82 | 178  | 1398958  | 39.08 | ng    | 98       |
| 71) Anthracene                 | 12.91 | 178  | 1449157  | 39.08 | ng    | 99       |
| 72) Carbazole                  | 13.21 | 167  | 1264593  | 39.77 | ng    | 98       |
| 73) Di-n-butylphthalate        | 13.84 | 149  | 1600307  | 40.01 | ng    | 99       |
| 74) Fluoranthene               | 14.75 | 202  | 1446514  | 39.50 | ng    | 99       |
| 76) Benzidine                  | 15.03 | 184  | 406312   | 25.33 | ng    | 97       |
| 77) Pyrene                     | 15.11 | 202  | 1481321  | 39.89 | ng    | 98       |
| 79) Butylbenzylphthalate       | 16.24 | 149  | 671015   | 40.71 | ng    | 88       |
| 80) Benzo(a)anthracene         | 16.98 | 228  | 1153039  | 38.20 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.97 | 252  | 282892   | 27.74 | ng    | 98       |
| 82) Chrysene                   | 17.03 | 228  | 1154784  | 38.16 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 17.09 | 149  | 927548   | 40.55 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 17.86 | 149  | 1444604  | 41.33 | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 19.86 | 276  | 757553   | 37.09 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 18.25 | 252  | 1906033  | 86.40 | ng    | # 98     |
| 88) Benzo(k)fluoranthene       | 18.25 | 252  | 1908617  | 78.52 | ng    | 98       |
| 89) Benzo(a)pyrene             | 18.58 | 252  | 859711   | 39.94 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 19.86 | 278  | 655685   | 39.84 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 20.23 | 276  | 627387   | 39.10 | ng    | 94       |

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

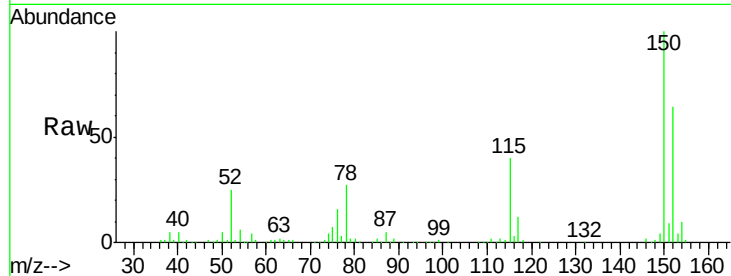




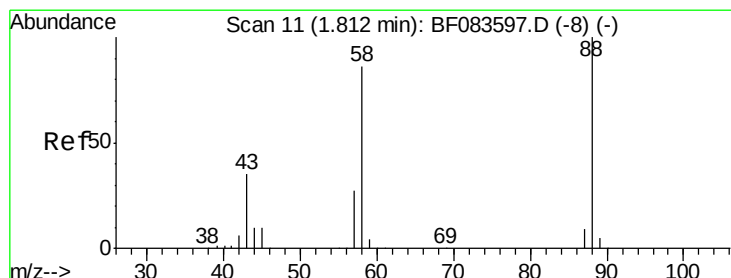
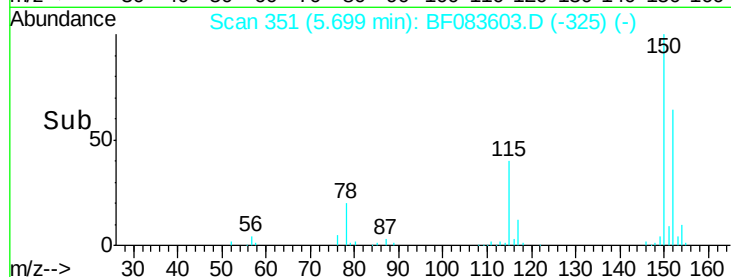
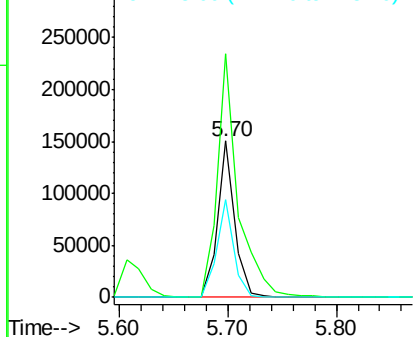
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 5.70 min Scan# 351  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

Tgt Ion:152 Resp: 165281  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 126.5 189.7  
 115 62.4 52.3 78.5

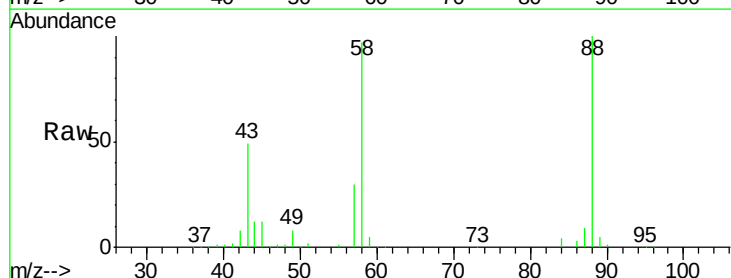


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

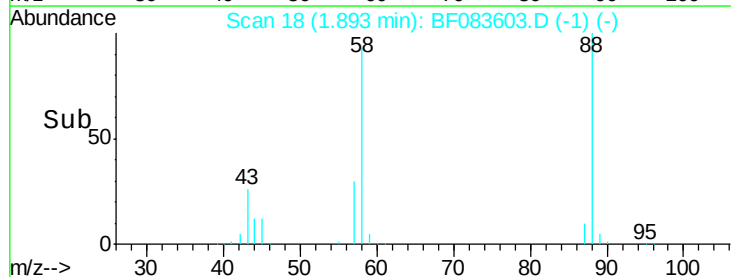
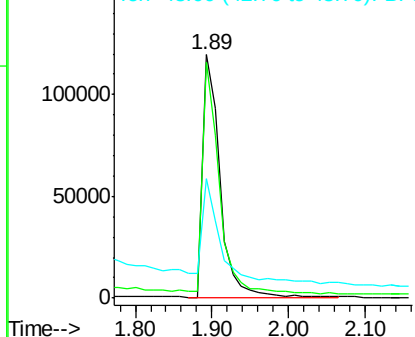


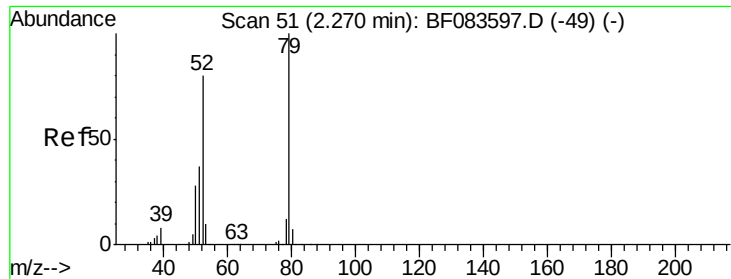
#2  
 1,4-Dioxane  
 Concen: 33.97 ng  
 RT: 1.89 min Scan# 18  
 Delta R.T. 0.08 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion: 88 Resp: 182900  
 Ion Ratio Lower Upper  
 88 100  
 58 91.9 68.0 102.0  
 43 45.2 27.9 41.9#



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: 36.06 ng

RT: 2.33 min Scan# 56

Delta R.T. 0.06 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

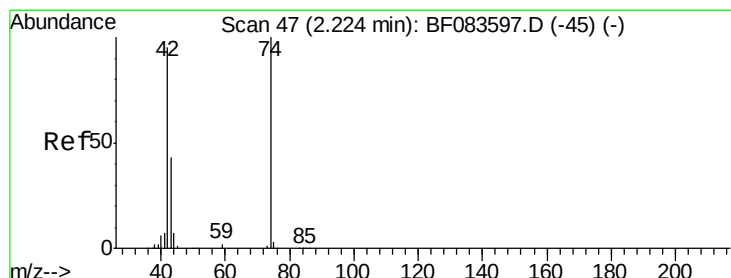
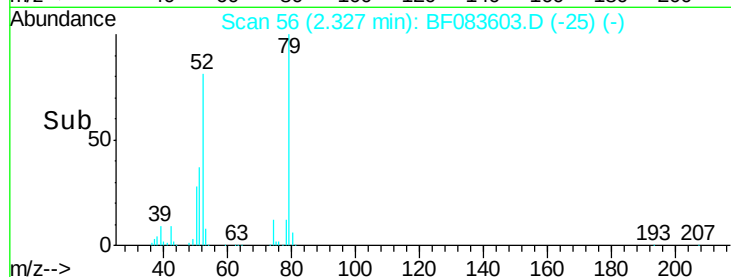
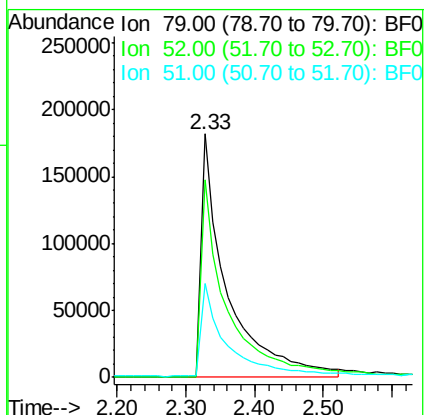
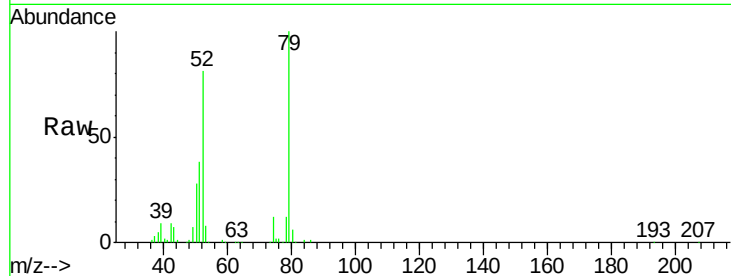
Tgt Ion: 79 Resp: 471673

Ion Ratio Lower Upper

79 100

52 81.0 63.7 95.5

51 38.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 39.26 ng

RT: 2.29 min Scan# 53

Delta R.T. 0.07 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

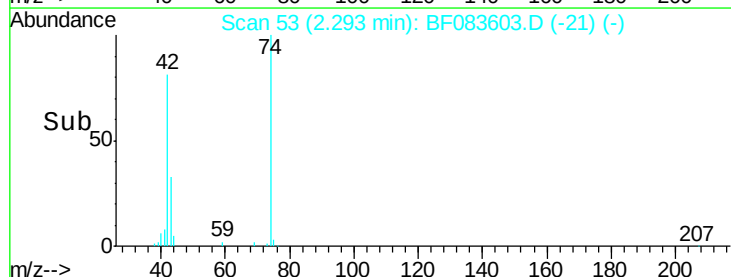
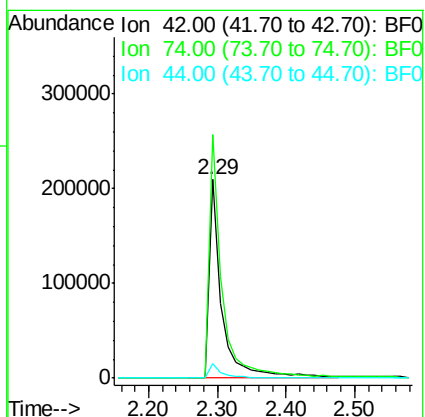
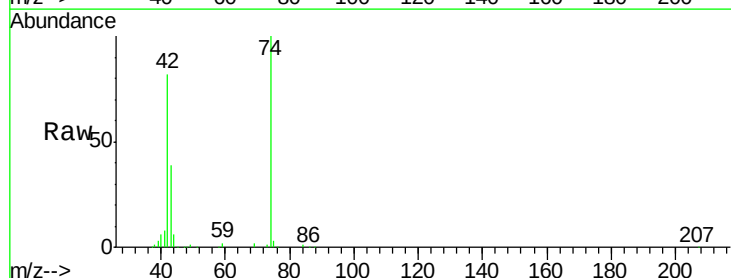
Tgt Ion: 42 Resp: 270327

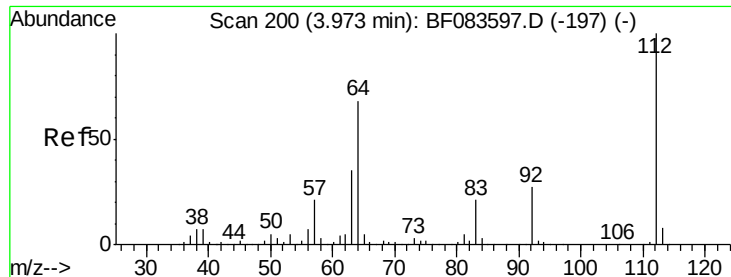
Ion Ratio Lower Upper

42 100

74 122.6 92.9 139.3

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 121.58 ng

RT: 4.00 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

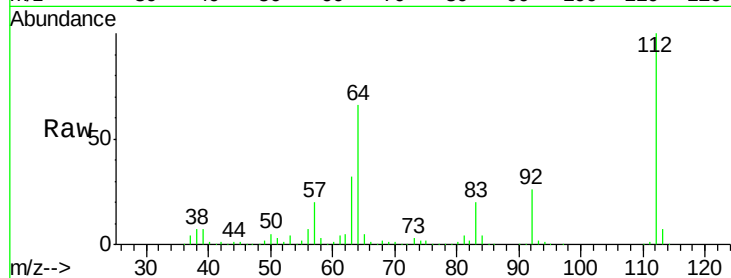
Tgt Ion: 112 Resp: 1324859

Ion Ratio Lower Upper

112 100

64 65.6 50.5 75.7

63 32.5 25.8 38.6

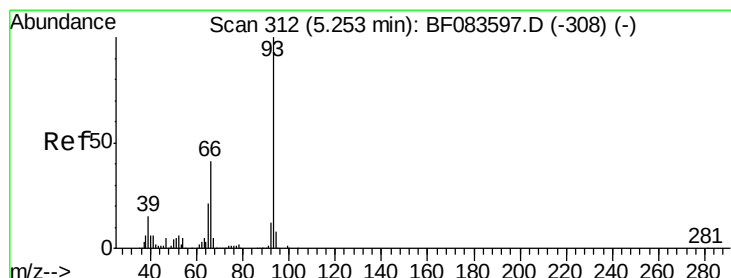
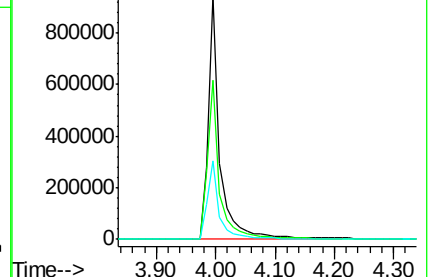
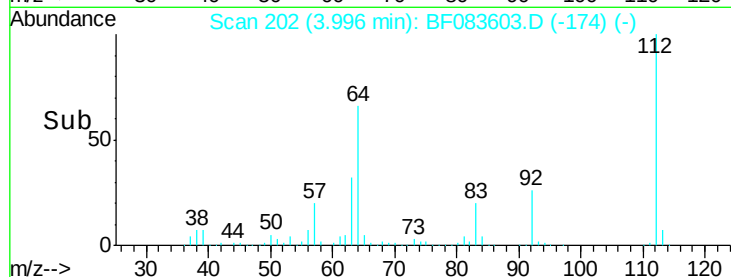


Abundance Ion 112.00 (111.70 to 112.70): BF083597.D (-197) (-)

Ion 64.00 (63.70 to 64.70): BF083597.D (-197) (-)

Ion 63.00 (62.70 to 63.70): BF083597.D (-197) (-)

Time-->



#6

Aniline

Concen: 25.81 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

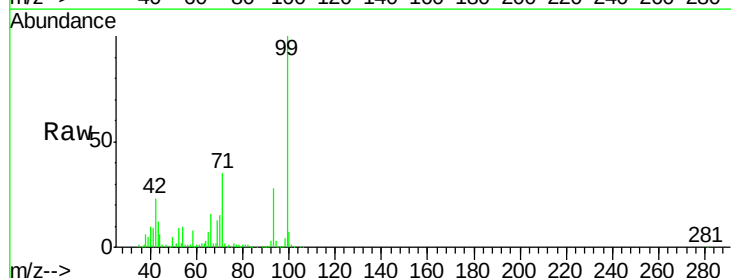
Tgt Ion: 93 Resp: 463157

Ion Ratio Lower Upper

93 100

66 57.6 41.3 61.9

65 23.8 20.8 31.2

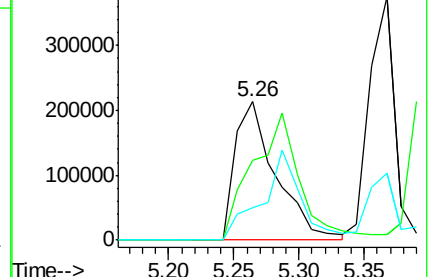
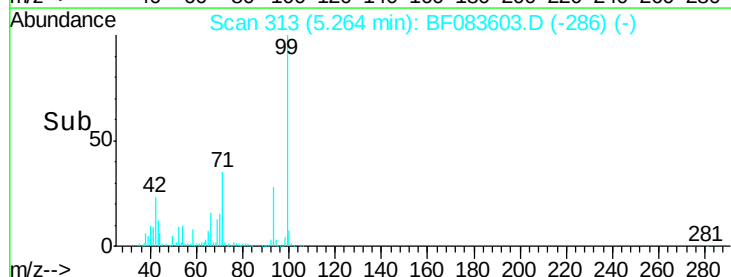


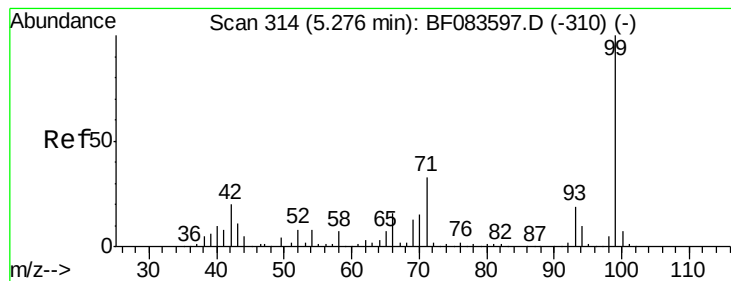
Abundance Ion 93.00 (92.70 to 93.70): BF083597.D (-308) (-)

Ion 66.00 (65.70 to 66.70): BF083597.D (-308) (-)

Ion 65.00 (64.70 to 65.70): BF083597.D (-308) (-)

Time-->





#7

Phenol-d6

Concen: 115.01 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampled :

PB86955BS

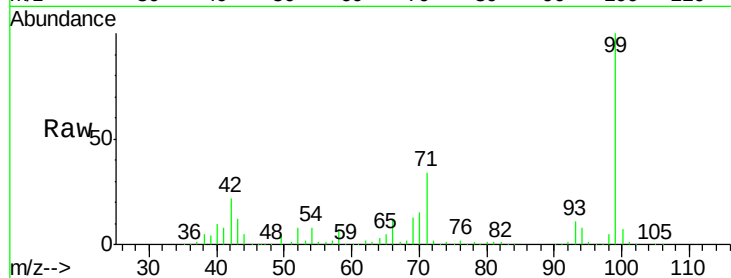
Tgt Ion: 99 Resp: 1674595

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

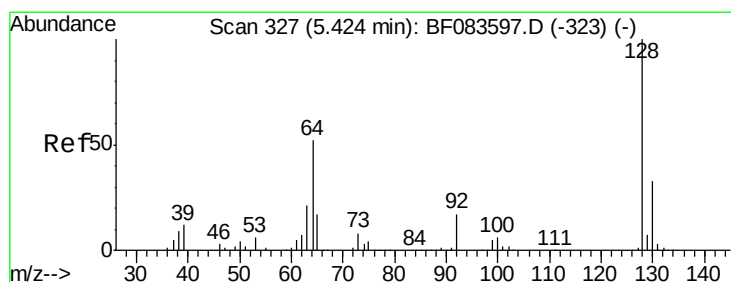
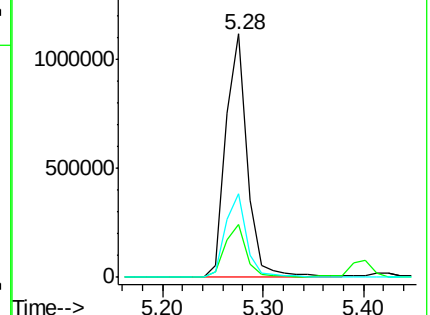
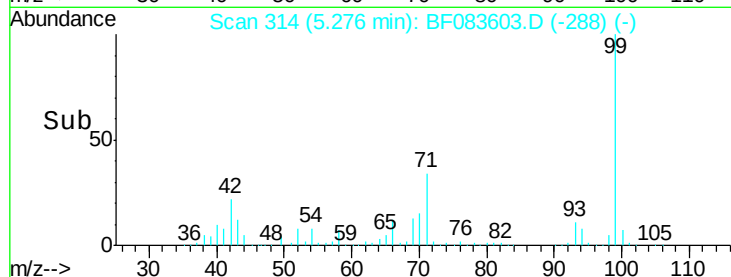
71 34.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.90 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

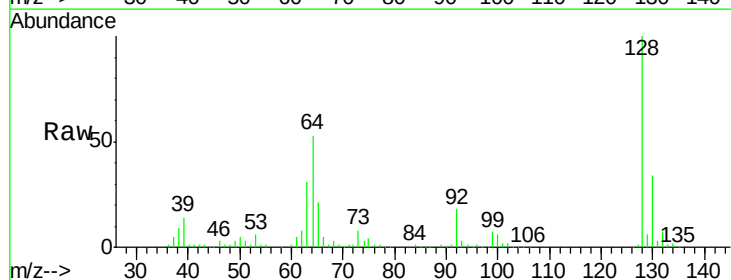
Tgt Ion: 128 Resp: 475549

Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

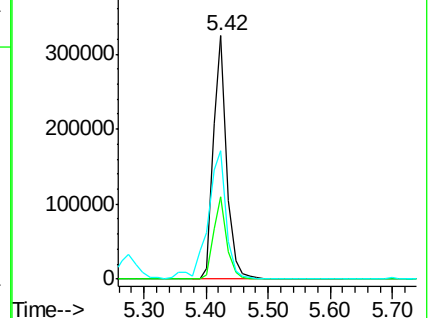
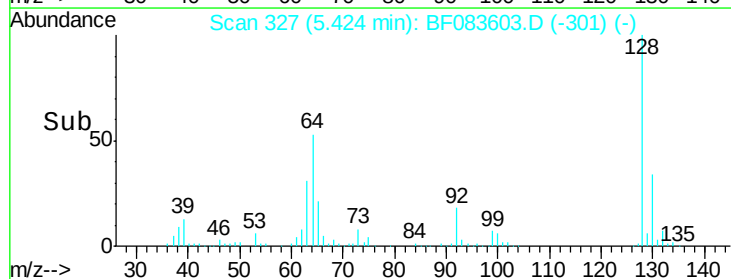
64 52.9 38.6 78.6



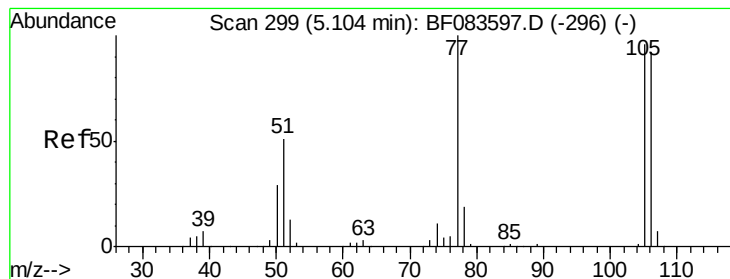
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 17.29 ng

RT: 5.12 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

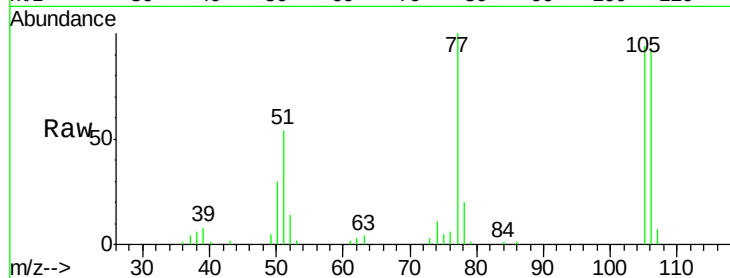
Tgt Ion: 77 Resp: 157721

Ion Ratio Lower Upper

77 100

105 94.2 71.8 111.8

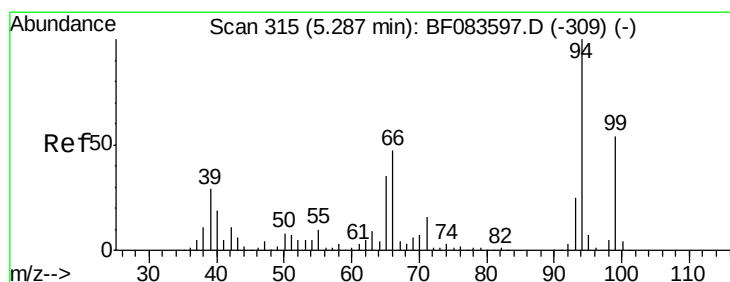
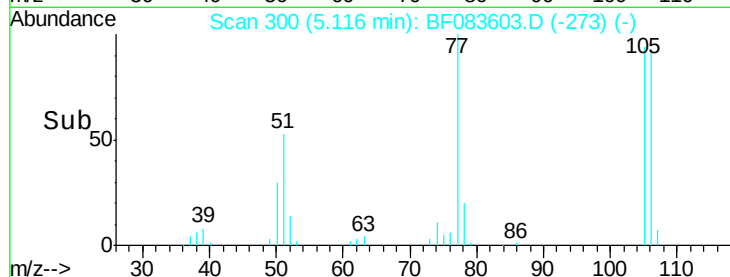
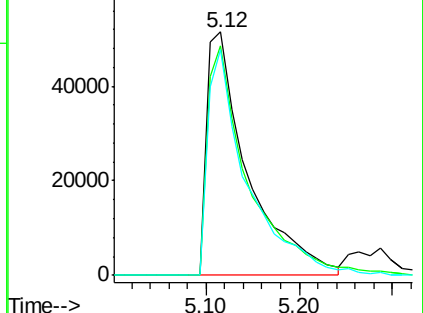
106 92.8 66.8 106.8



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: 40.38 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

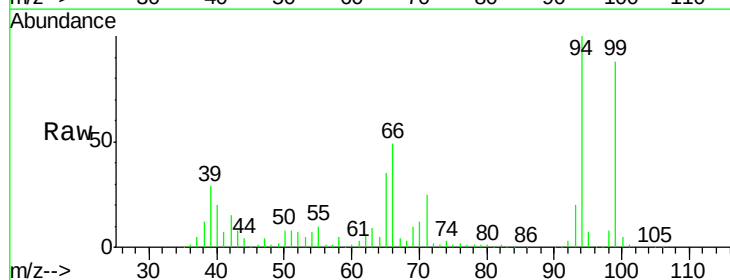
Tgt Ion: 94 Resp: 712113

Ion Ratio Lower Upper

94 100

65 34.9 20.9 60.9

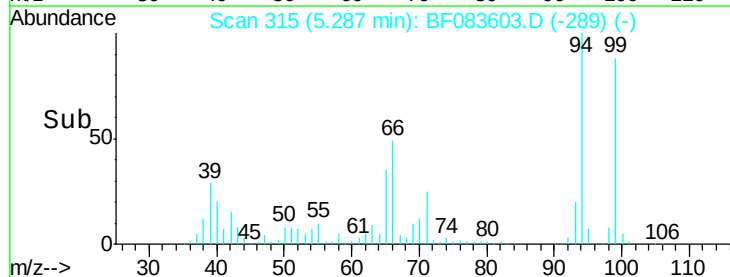
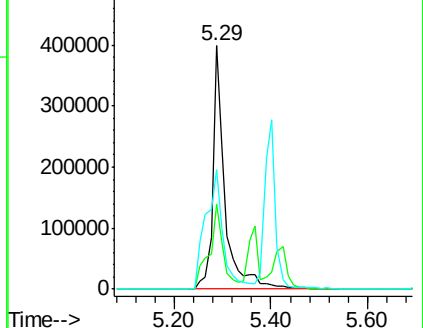
66 49.0 41.6 81.6



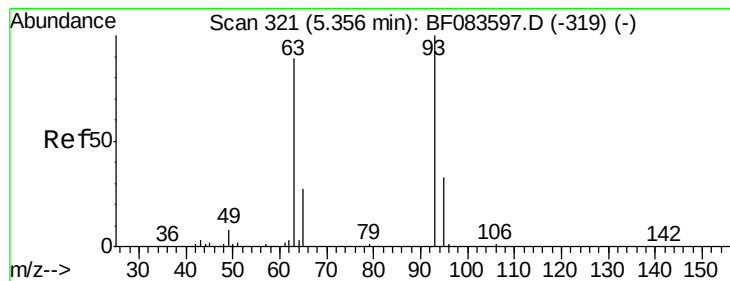
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 37.10 ng

RT: 5.37 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

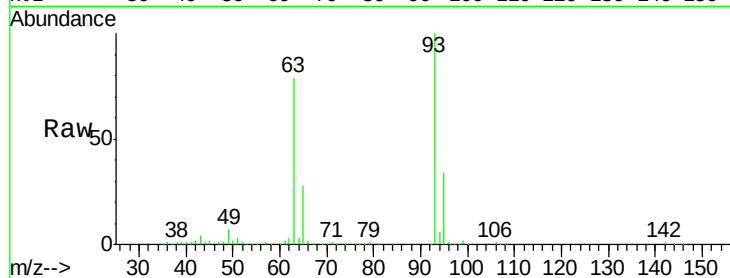
Tgt Ion: 93 Resp: 481397

Ion Ratio Lower Upper

93 100

63 79.2 64.7 104.7

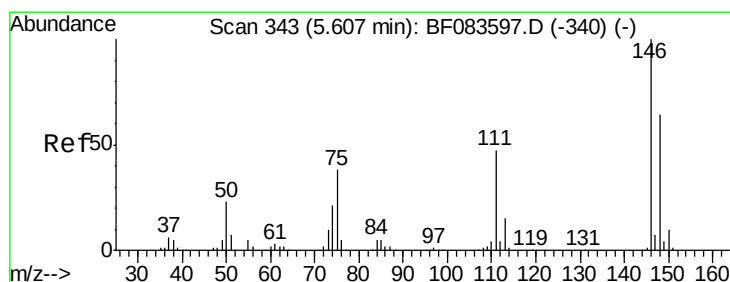
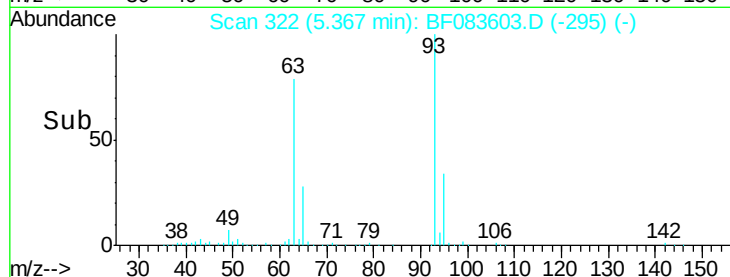
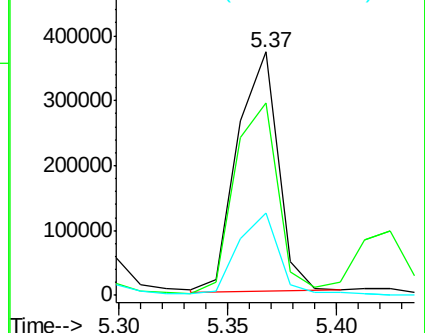
95 33.8 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.50 ng

RT: 5.72 min Scan# 353

Delta R.T. 0.11 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

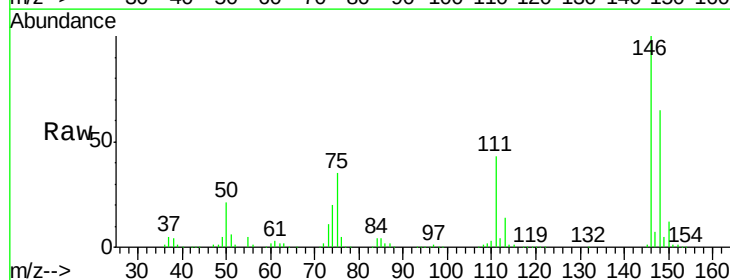
Tgt Ion: 146 Resp: 511404

Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

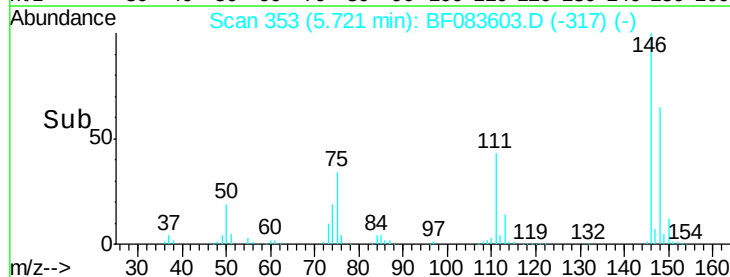
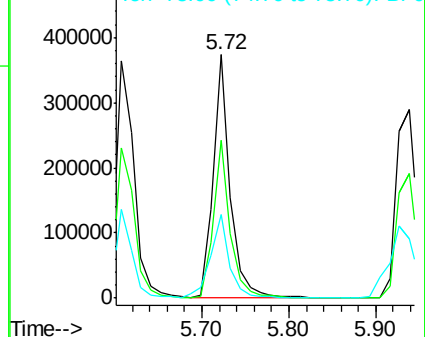
75 34.6 24.1 36.1

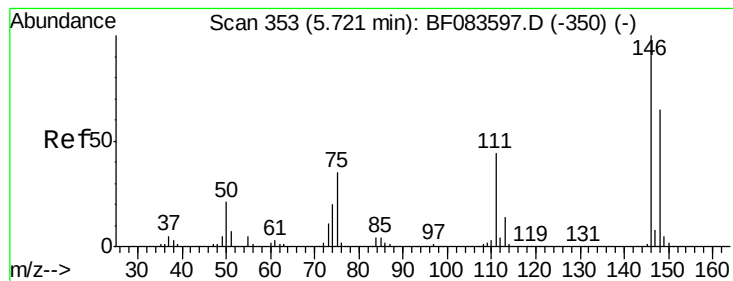


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.62 ng

RT: 5.72 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

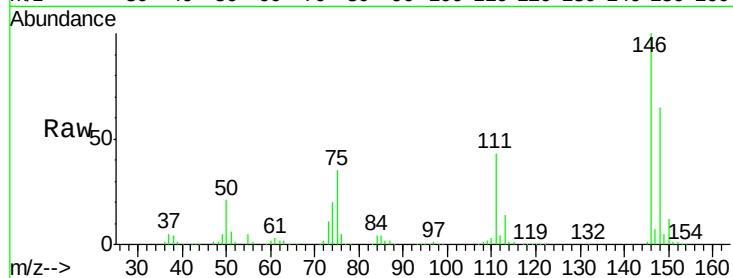
Tgt Ion:146 Resp: 512651

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

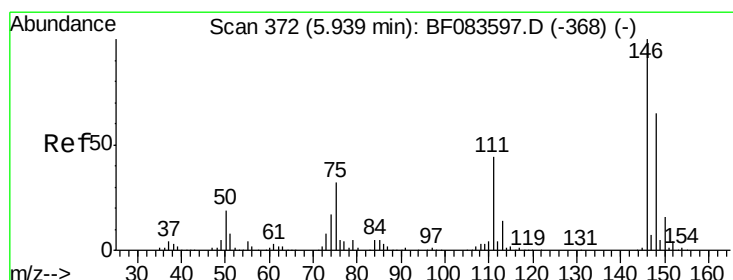
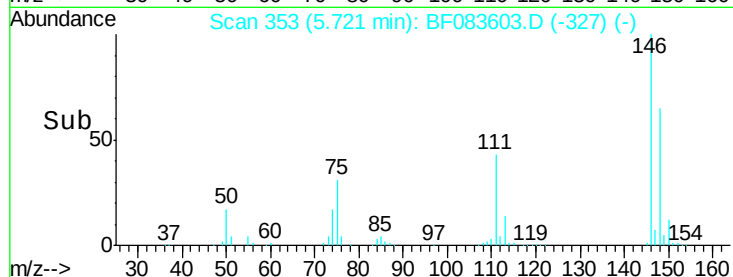
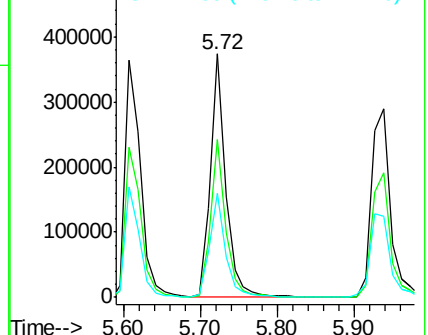
111 42.6 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.74 ng

RT: 5.94 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

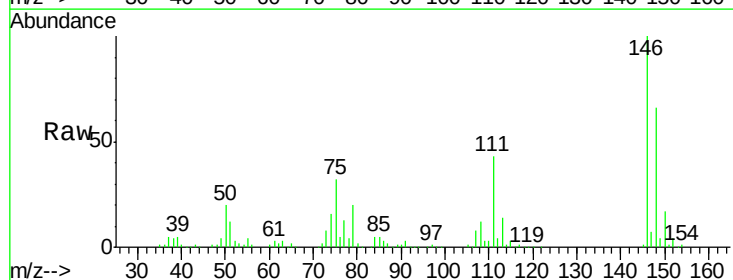
Tgt Ion:146 Resp: 489878

Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.0

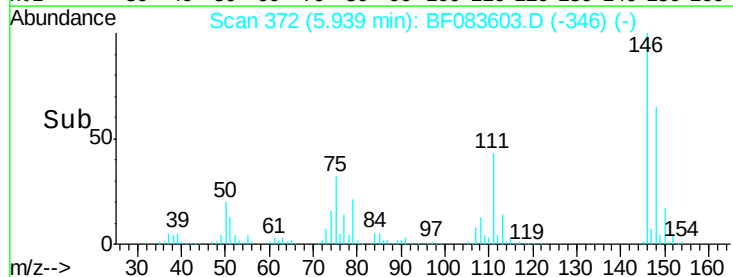
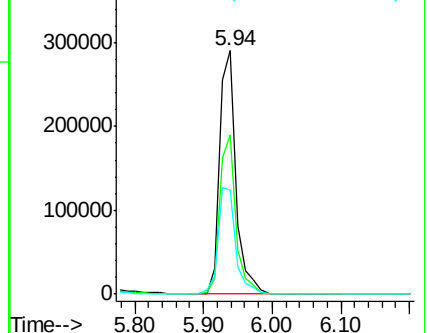
111 43.0 36.7 55.1

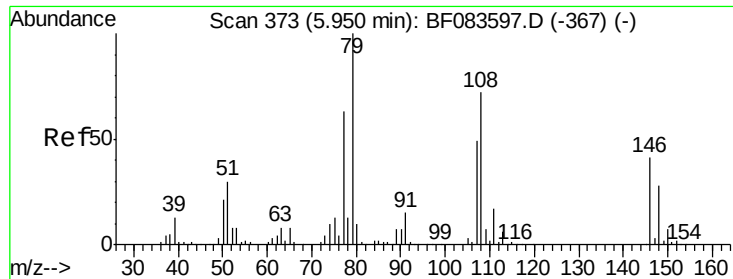


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

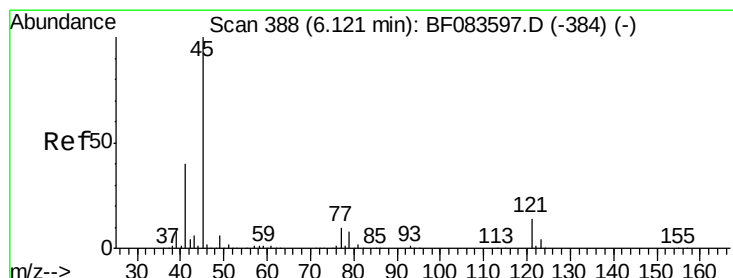
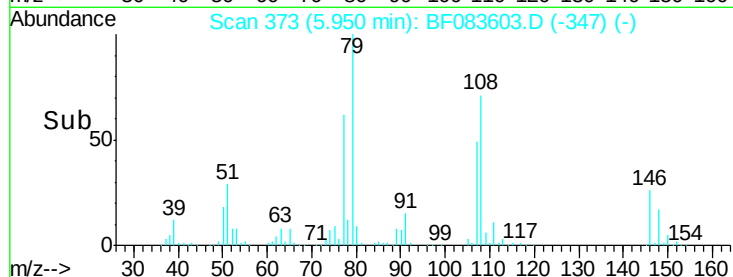
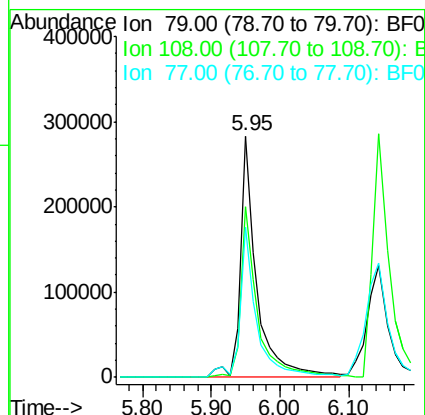
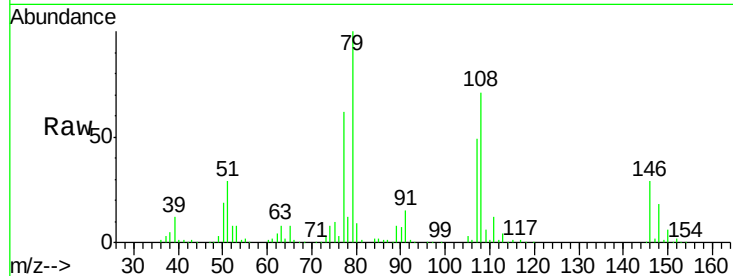




#15  
Benzyl Alcohol  
Concen: 46.12 ng  
RT: 5.95 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

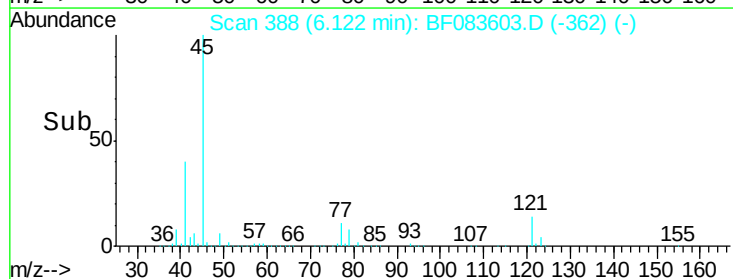
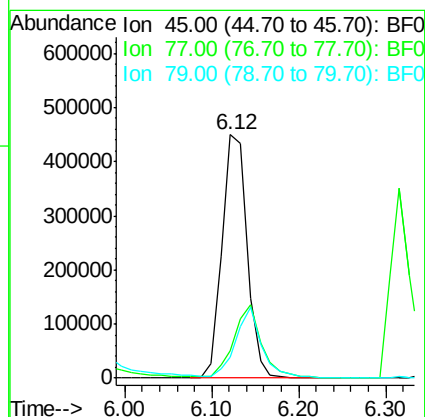
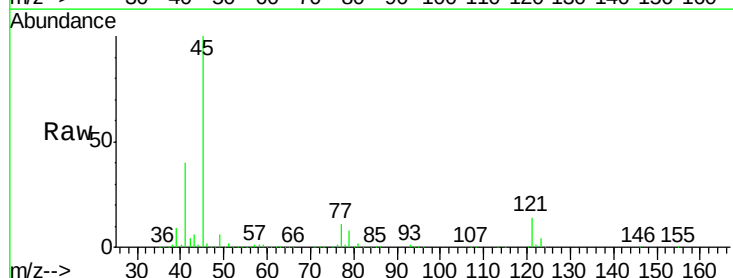
Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

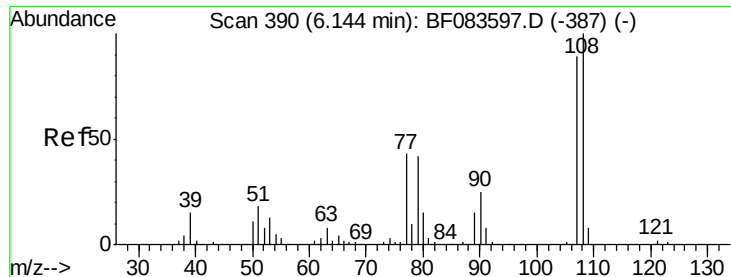
Tgt Ion: 79 Resp: 477827  
Ion Ratio Lower Upper  
79 100  
108 70.9 59.6 89.4  
77 62.3 49.8 74.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.98 ng  
RT: 6.12 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Tgt Ion: 45 Resp: 911274  
Ion Ratio Lower Upper  
45 100  
77 11.2 12.8 52.8#  
79 8.5 10.7 50.7#

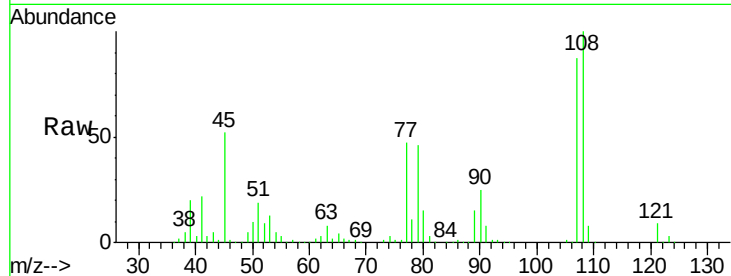




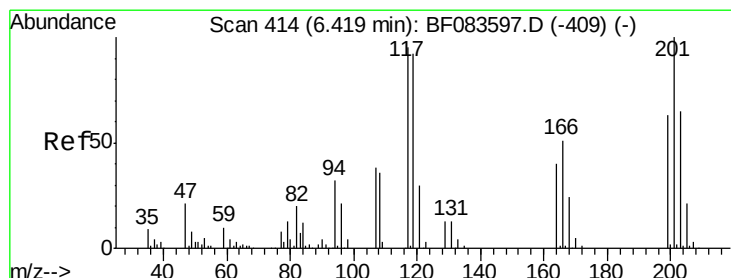
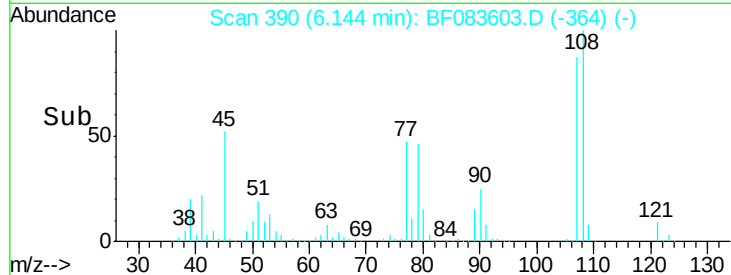
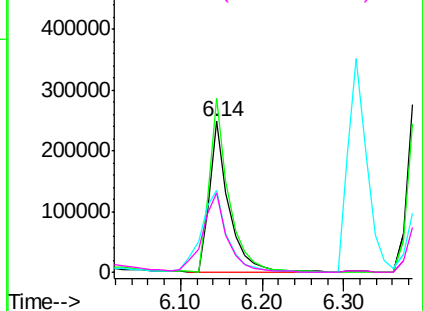
#17  
2-Methylphenol  
Concen: 42.34 ng  
RT: 6.14 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

Tgt Ion:107 Resp: 410566  
Ion Ratio Lower Upper  
107 100  
108 115.0 91.6 137.4  
77 54.2 53.7 80.5  
79 52.7 50.2 75.4

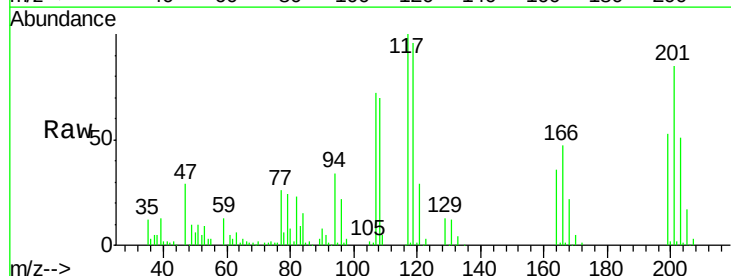


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

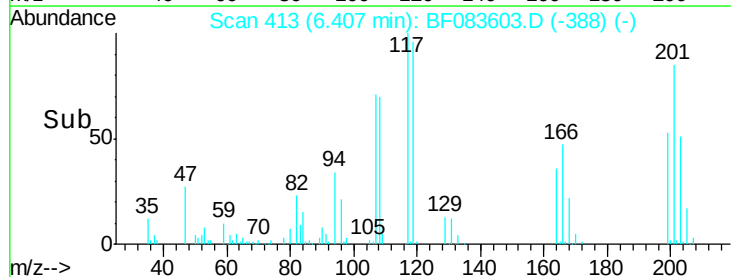
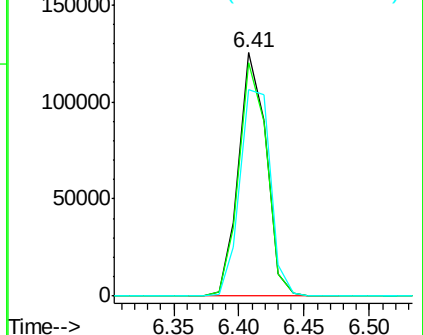


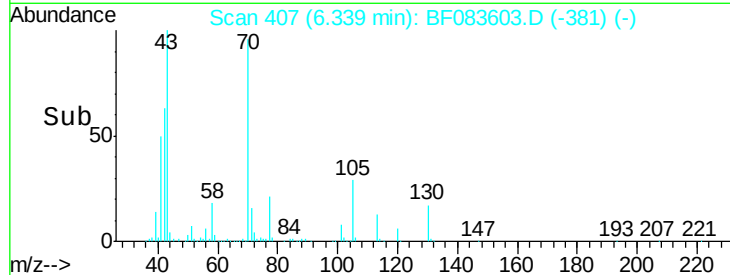
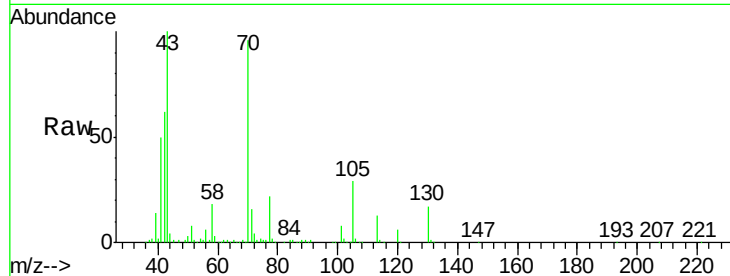
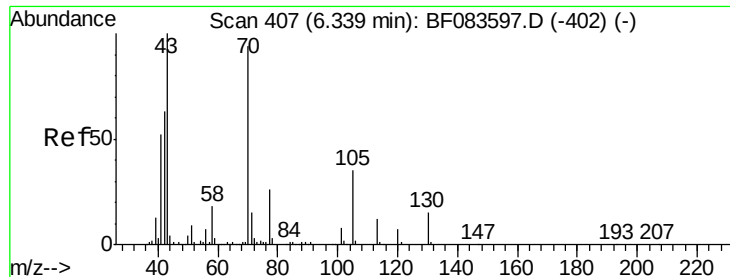
#18  
Hexachloroethane  
Concen: 38.37 ng  
RT: 6.41 min Scan# 413  
Delta R.T. -0.01 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Tgt Ion:117 Resp: 184612  
Ion Ratio Lower Upper  
117 100  
119 95.8 77.2 115.8  
201 85.0 86.8 130.2#



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

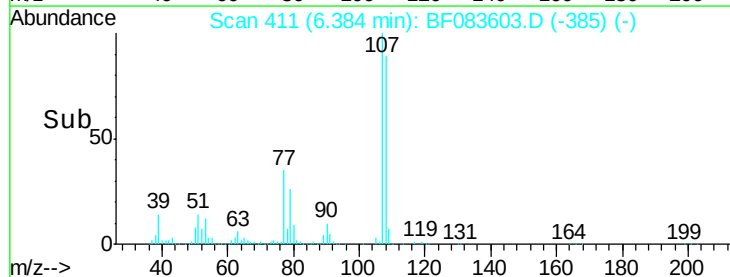
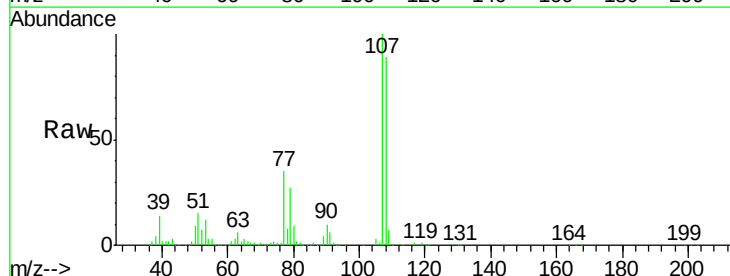
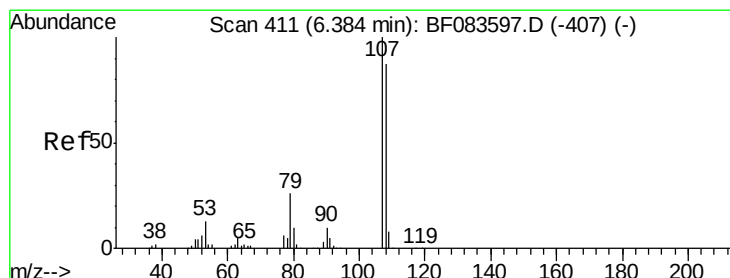
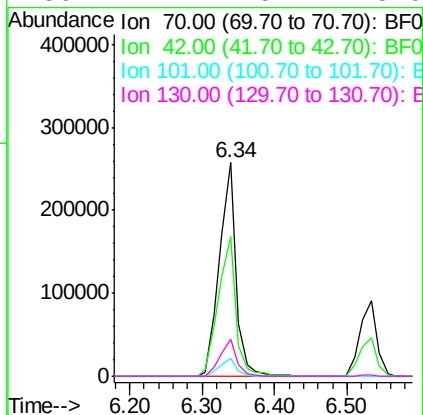




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.59 ng  
RT: 6.34 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

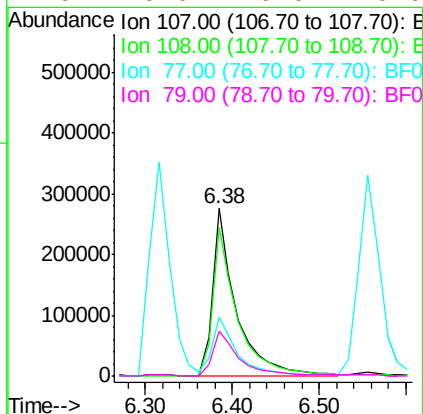
Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

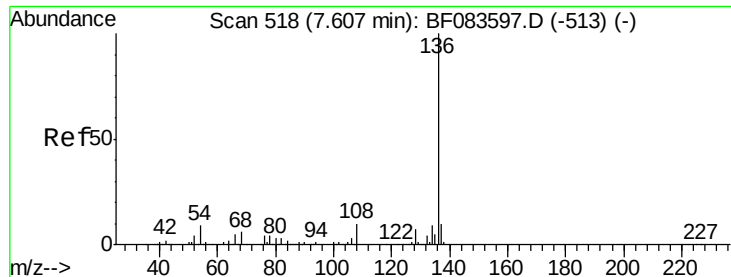
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 412502 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 65.2  | 49.2  | 73.8   |
| 101      | 8.5   | 7.1   | 10.7   |
| 130      | 17.4  | 15.4  | 23.0   |



#20  
3+4-Methylphenols  
Concen: 40.63 ng  
RT: 6.38 min Scan# 411  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 518777 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.9  | 65.2  | 105.2  |
| 77       | 35.4  | 15.2  | 55.2   |
| 79       | 26.6  | 6.0   | 46.0   |

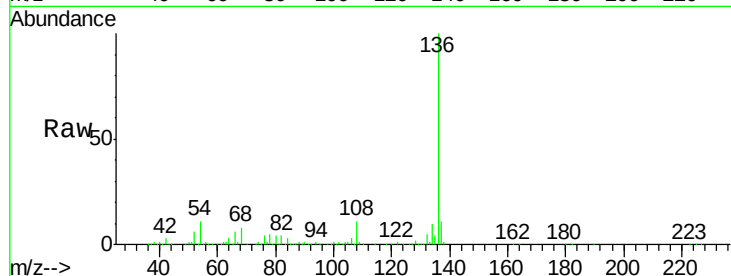




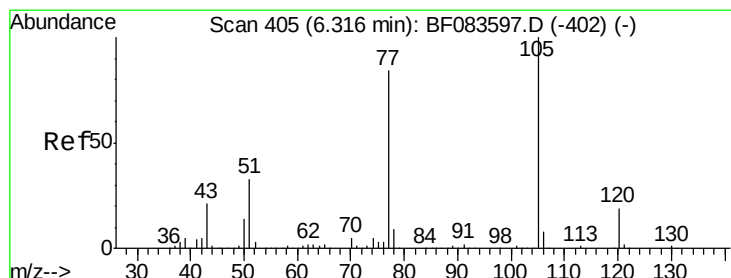
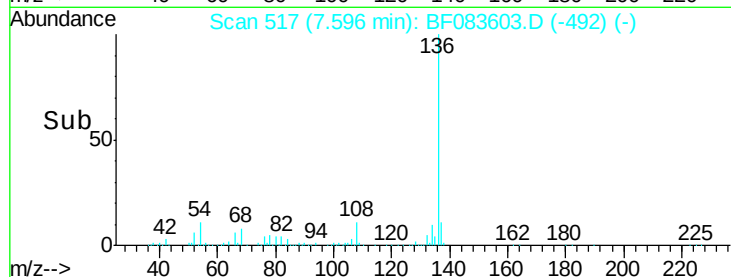
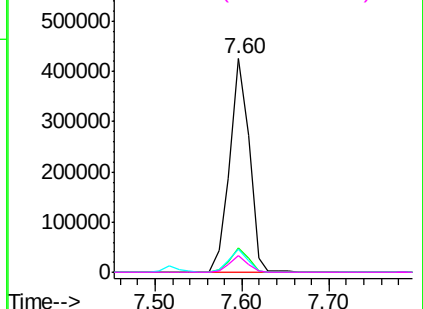
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.60 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 663322 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.7   | 13.1   |
| 54       | 10.9  | 7.8   | 11.6   |
| 68       | 7.9   | 5.7   | 8.5    |

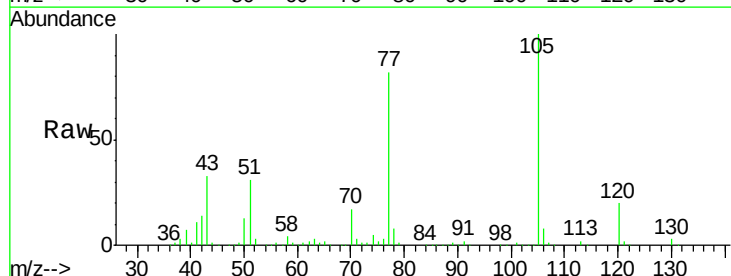


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

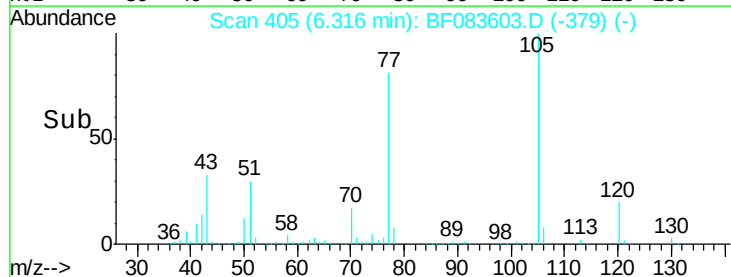
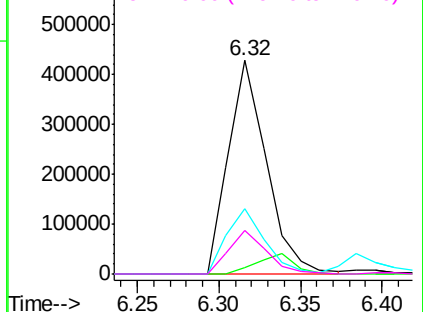


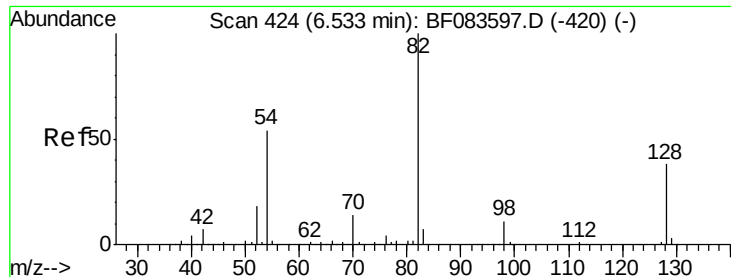
#22  
Acetophenone  
Concen: 37.12 ng  
RT: 6.32 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 690724 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.9   | 1.3   | 1.9#   |
| 51       | 30.8  | 23.8  | 35.8   |
| 120      | 20.2  | 16.7  | 25.1   |



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

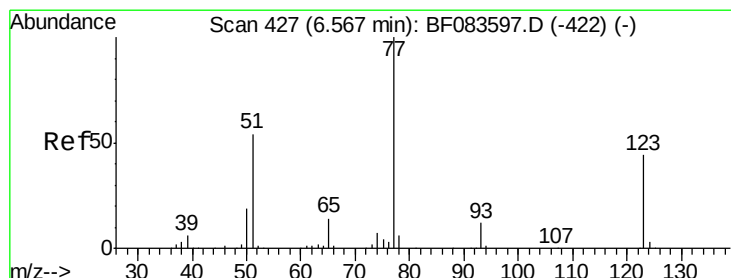
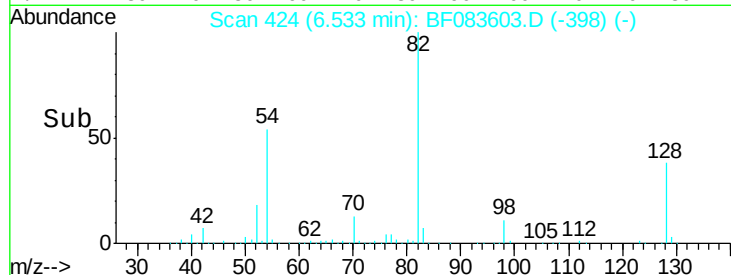
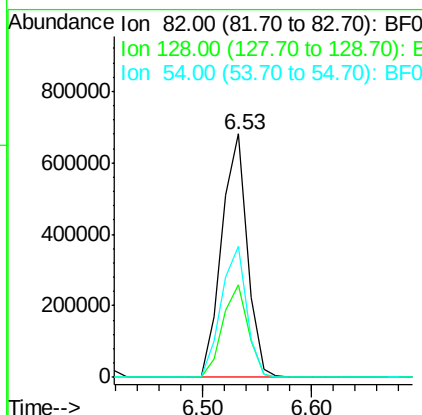
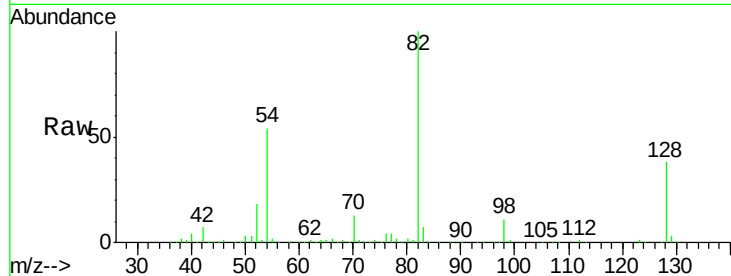




#23  
 Nitrobenzene-d5  
 Concen: 78.20 ng  
 RT: 6.53 min Scan# 424  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

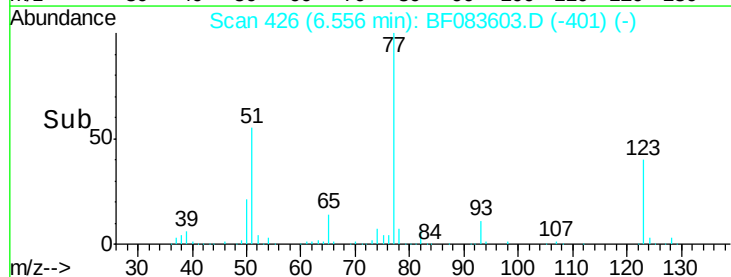
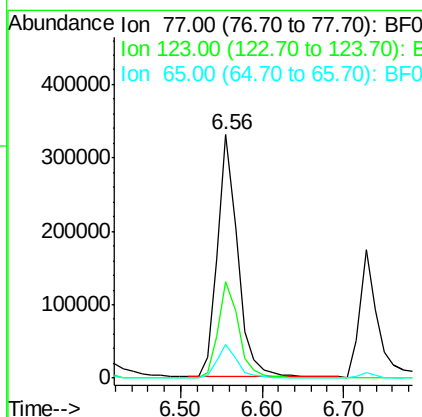
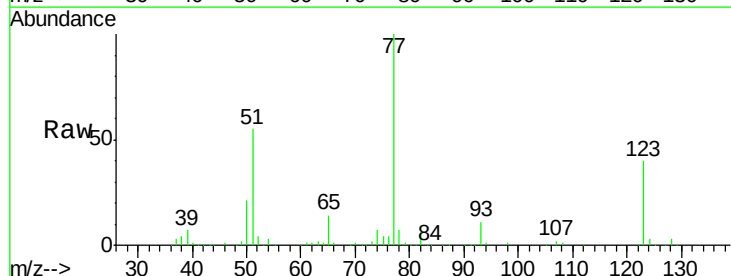
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

Tgt Ion: 82 Resp: 1111627  
 Ion Ratio Lower Upper  
 82 100  
 128 38.0 30.7 46.1  
 54 53.9 42.5 63.7

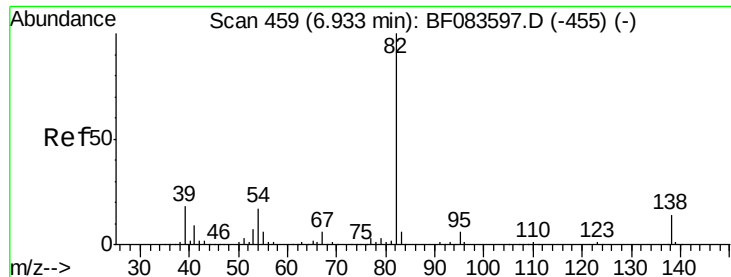


#24  
 Nitrobenzene  
 Concen: 36.12 ng  
 RT: 6.56 min Scan# 426  
 Delta R.T. -0.01 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion: 77 Resp: 567516  
 Ion Ratio Lower Upper  
 77 100  
 123 39.6 29.8 44.6  
 65 13.6 11.1 16.7







#25

Isophorone

Concen: 37.90 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

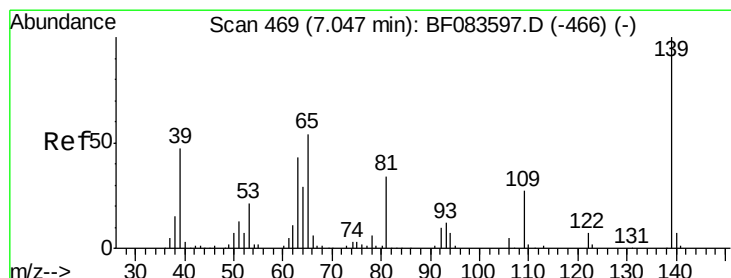
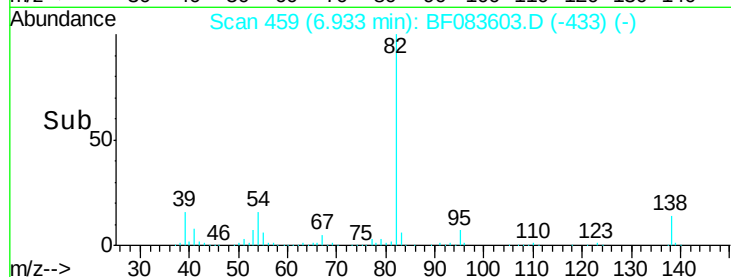
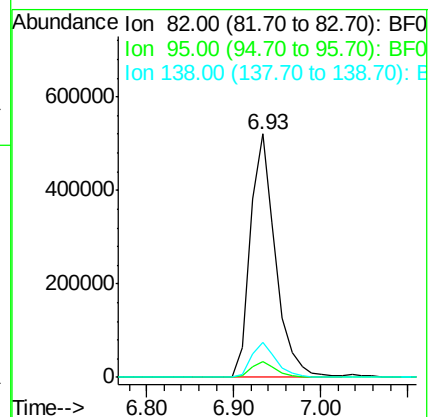
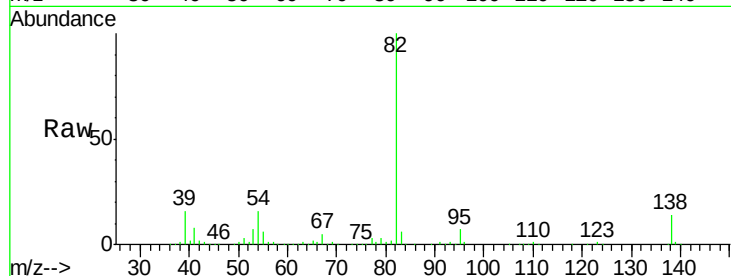
Tgt Ion: 82 Resp: 1045599

Ion Ratio Lower Upper

82 100

95 6.5 5.0 7.4

138 14.2 12.1 18.1



#26

2-Nitrophenol

Concen: 39.17 ng

RT: 7.04 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

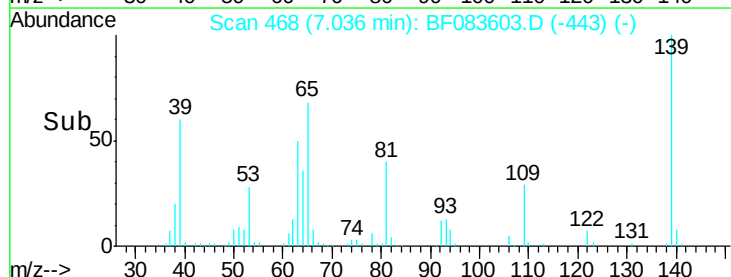
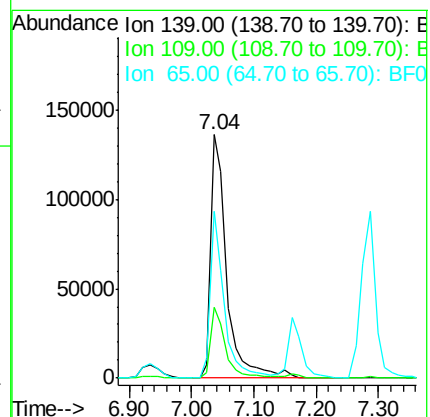
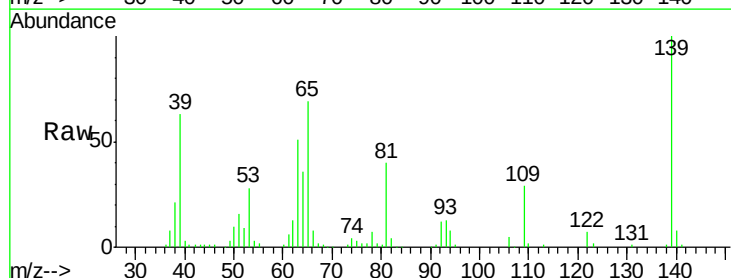
Tgt Ion: 139 Resp: 244355

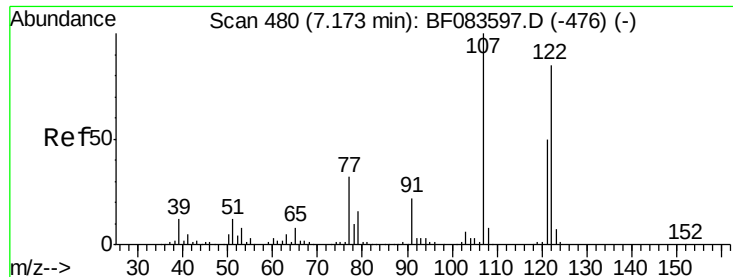
Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

65 68.7 51.8 77.8

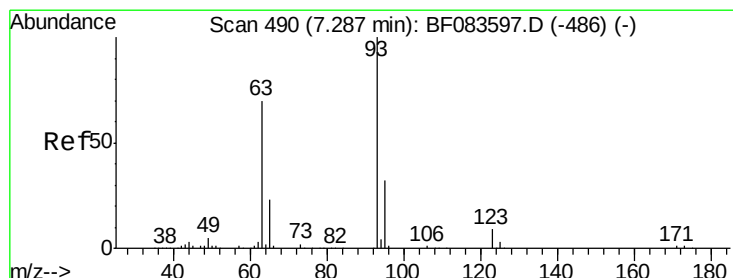
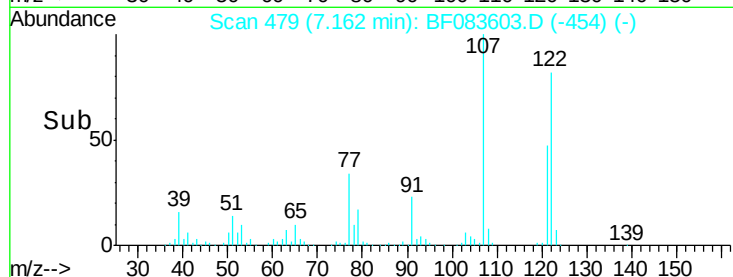
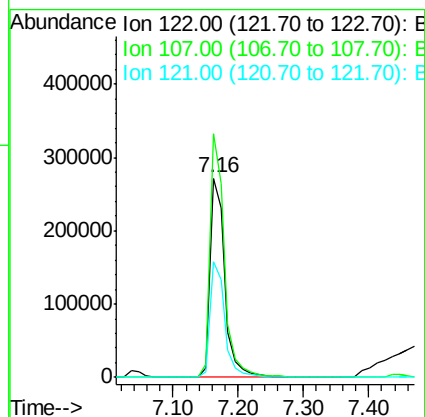
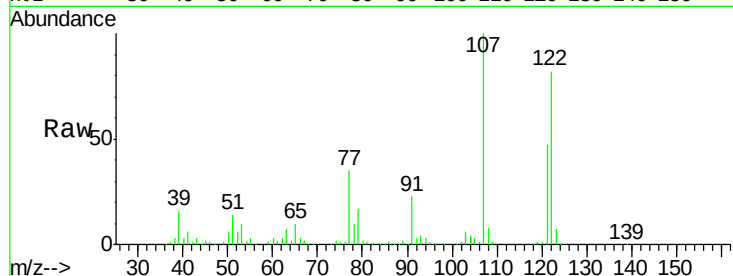




#27  
 2,4-Dimethylphenol  
 Concen: 39.46 ng  
 RT: 7.16 min Scan# 479  
 Delta R.T. -0.01 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

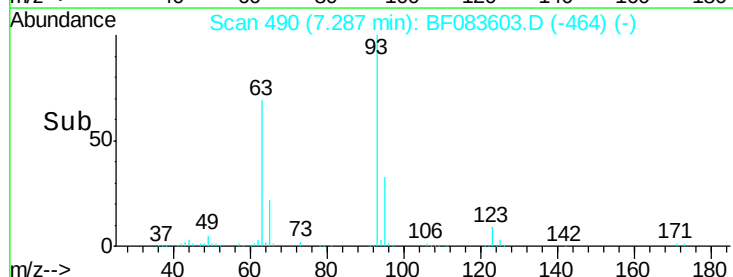
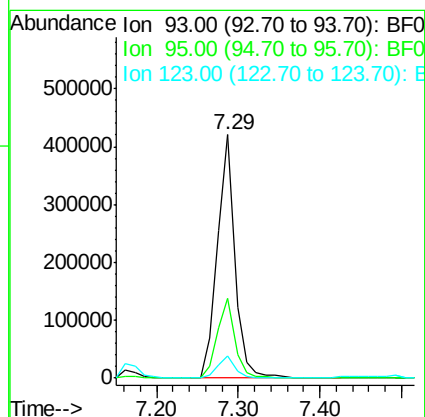
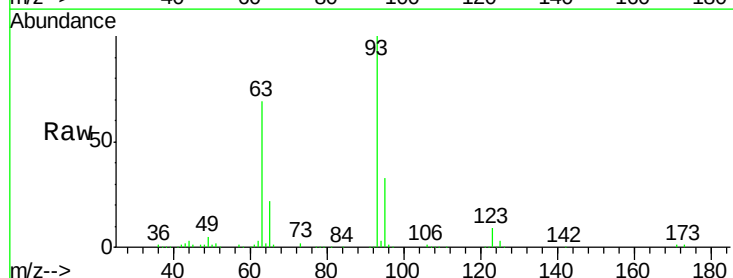
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

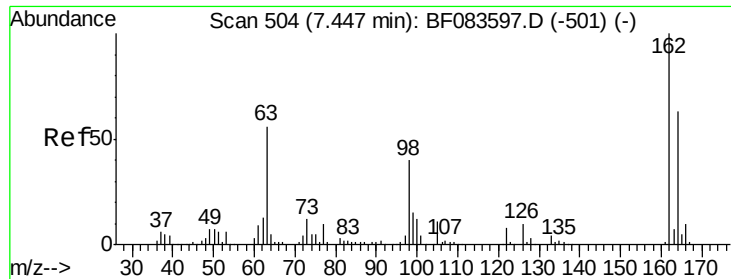
Tgt Ion:122 Resp: 430677  
 Ion Ratio Lower Upper  
 122 100  
 107 122.3 92.4 138.6  
 121 57.8 45.8 68.6



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.36 ng  
 RT: 7.29 min Scan# 490  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion: 93 Resp: 633615  
 Ion Ratio Lower Upper  
 93 100  
 95 33.0 25.6 38.4  
 123 9.3 7.3 10.9

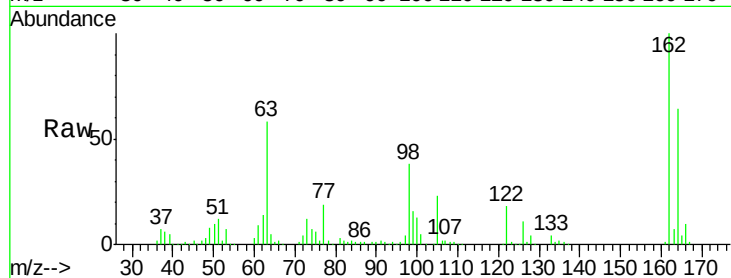




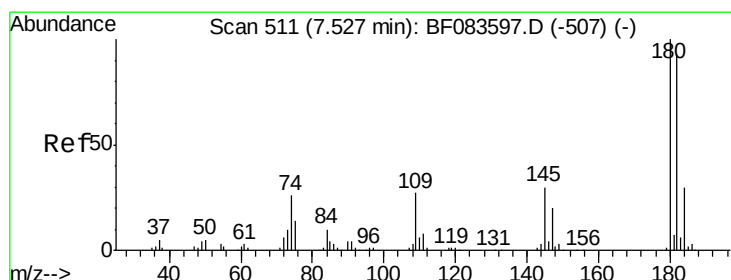
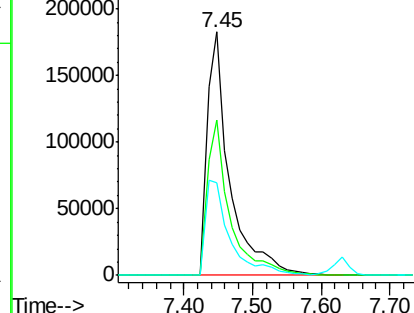
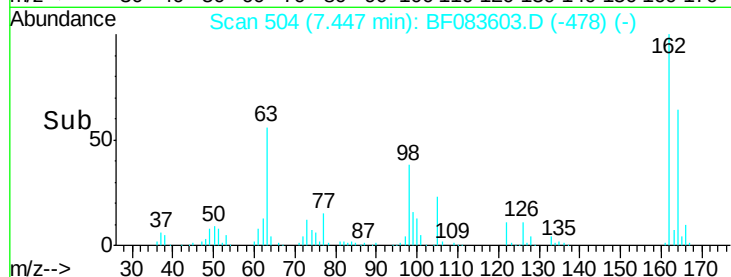
#29  
2,4-Dichlorophenol  
Concen: 41.59 ng  
RT: 7.45 min Scan# 504  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

Tgt Ion:162 Resp: 412777  
Ion Ratio Lower Upper  
162 100  
164 63.7 43.4 83.4  
98 38.1 17.5 57.5

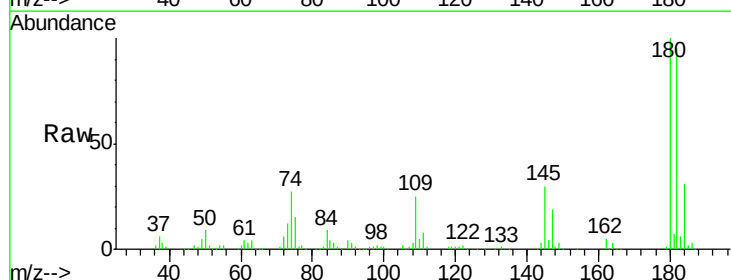


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

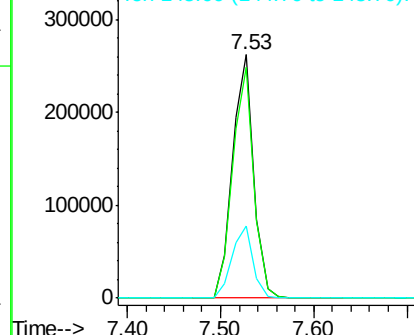
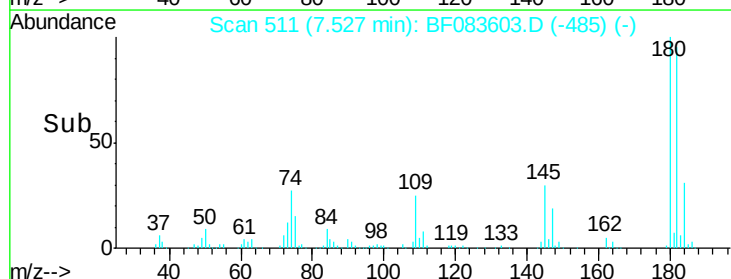


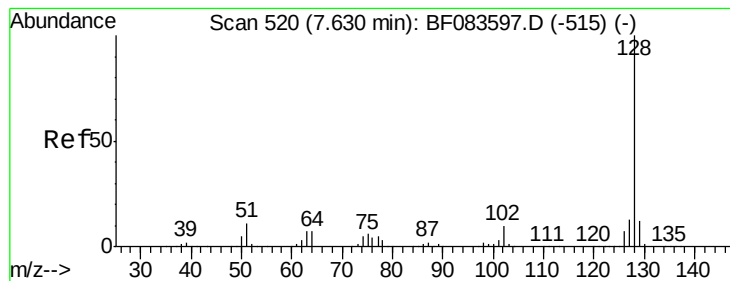
#30  
1,2,4-Trichlorobenzene  
Concen: 37.73 ng  
RT: 7.53 min Scan# 511  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Tgt Ion:180 Resp: 413655  
Ion Ratio Lower Upper  
180 100  
182 94.7 74.9 112.3  
145 29.7 24.7 37.1



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: 38.42 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

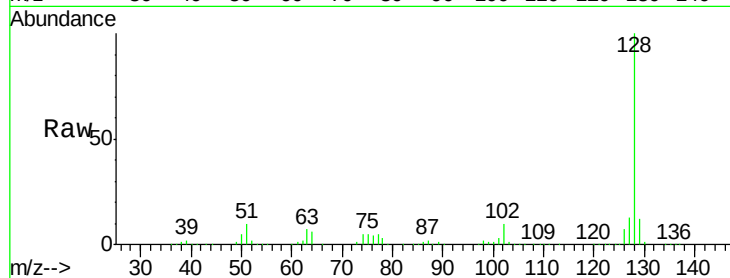
Tgt Ion:128 Resp: 1349714

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

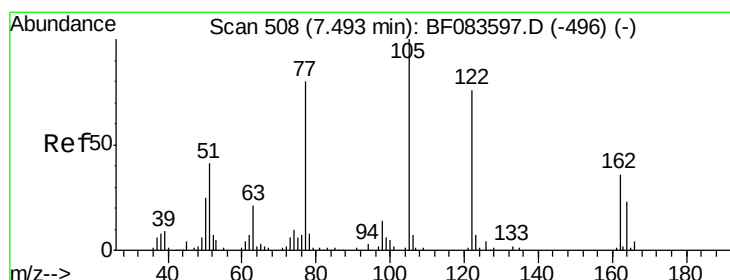
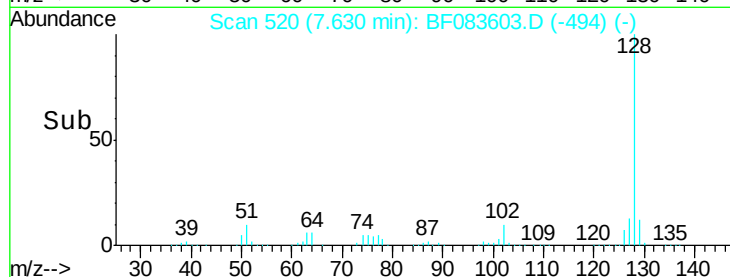
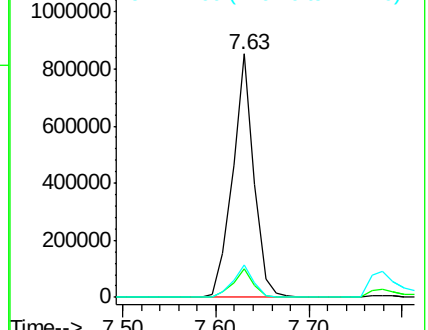
127 13.3 10.6 16.0



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: 35.19 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

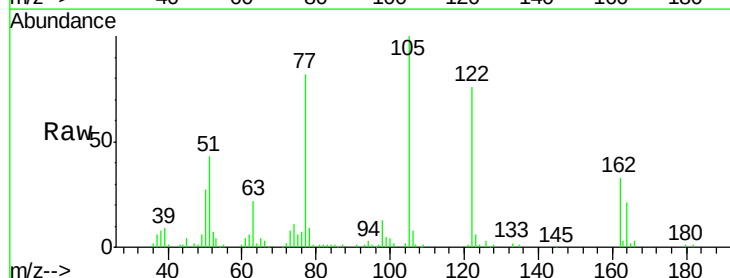
Tgt Ion:122 Resp: 240128

Ion Ratio Lower Upper

122 100

105 132.0 105.6 145.6

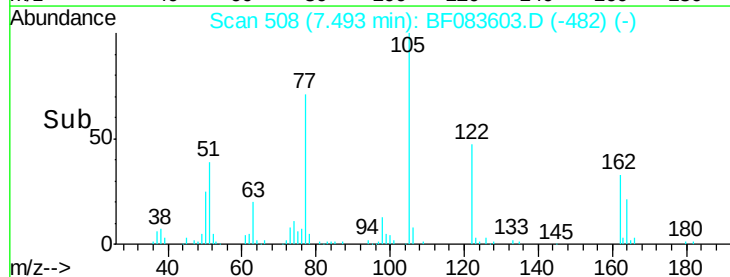
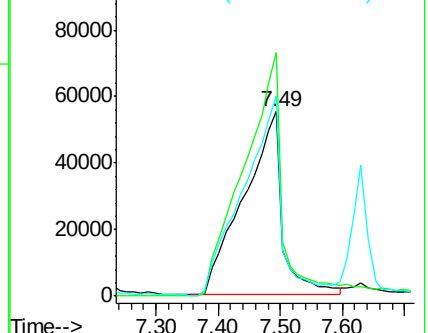
77 108.2 86.8 126.8

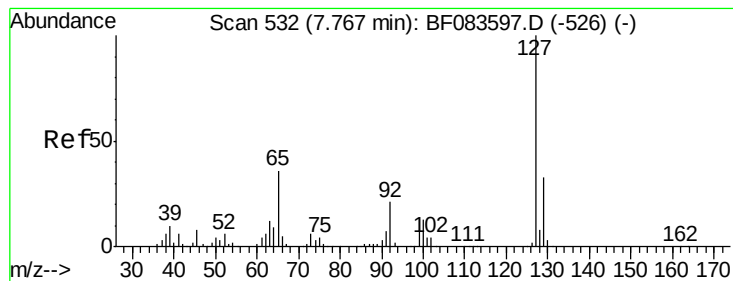


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.52 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

Tgt Ion:127 Resp: 250102

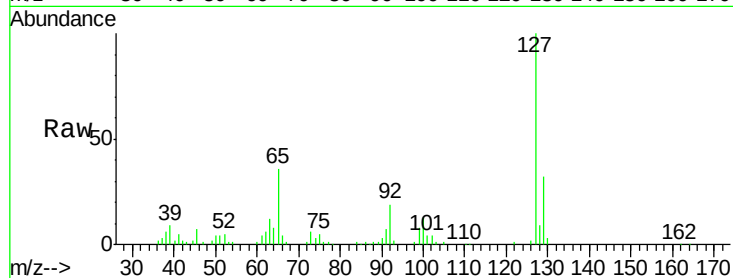
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 35.8 33.5 50.3

92 19.0 18.6 28.0

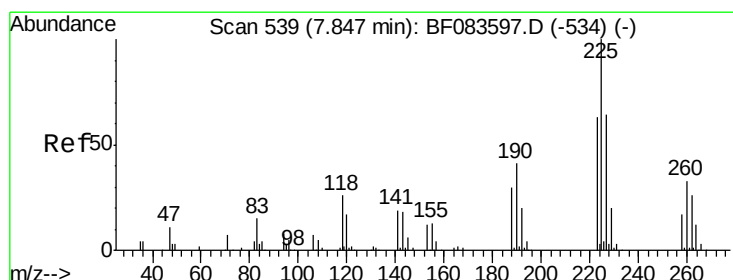
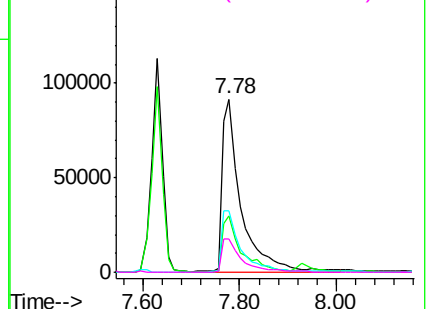
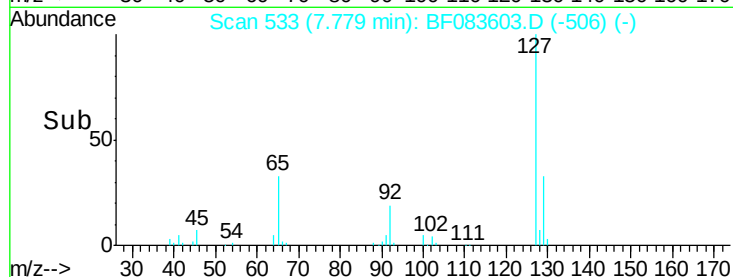


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.22 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

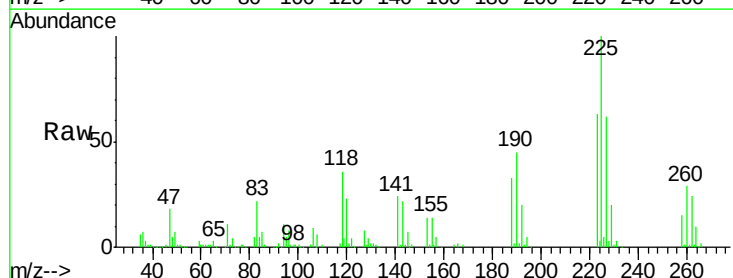
Tgt Ion:225 Resp: 244826

Ion Ratio Lower Upper

225 100

223 63.3 52.3 78.5

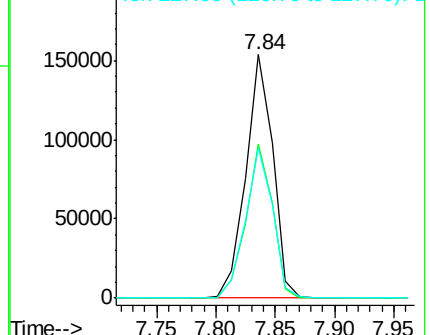
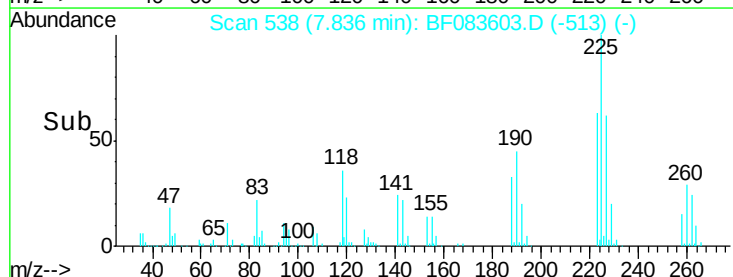
227 61.8 50.4 75.6

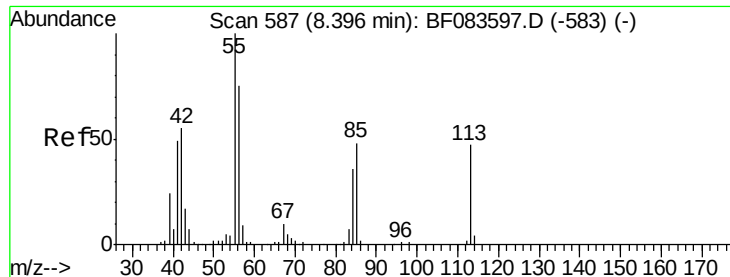


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

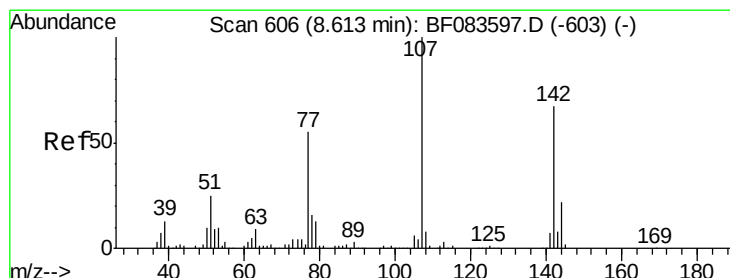
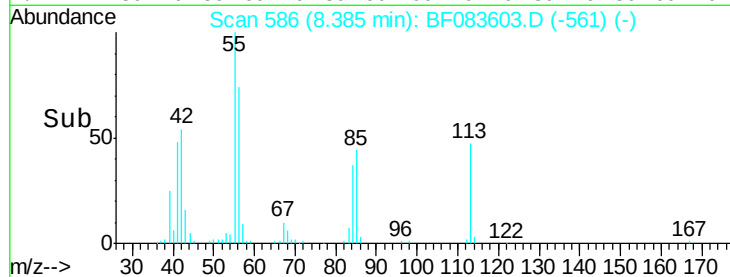
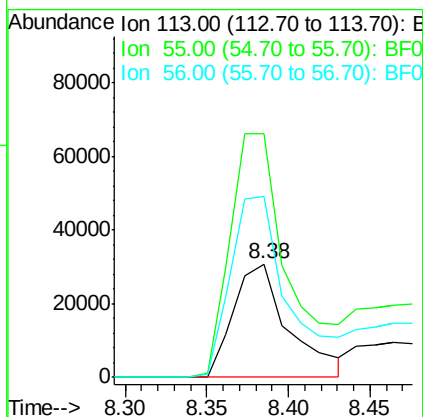
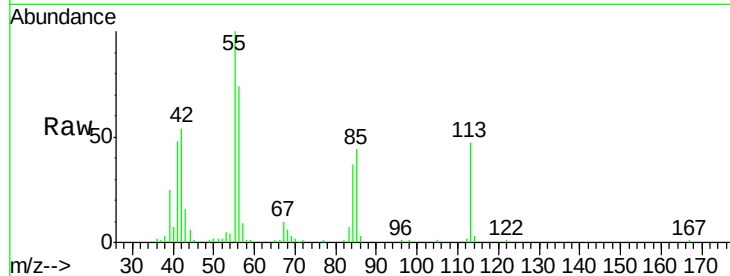




#35  
 Caprolactam  
 Concen: 24.33 ng  
 RT: 8.38 min Scan# 586  
 Delta R.T. -0.01 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

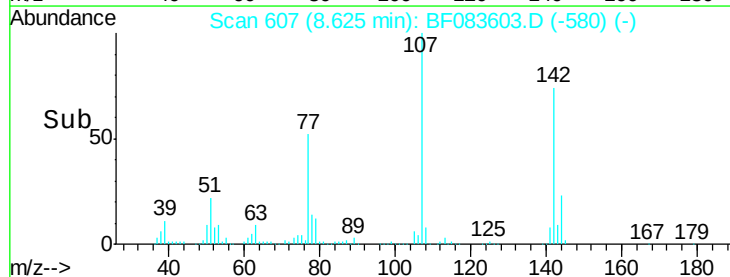
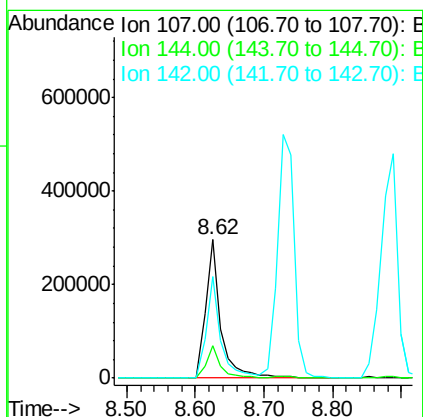
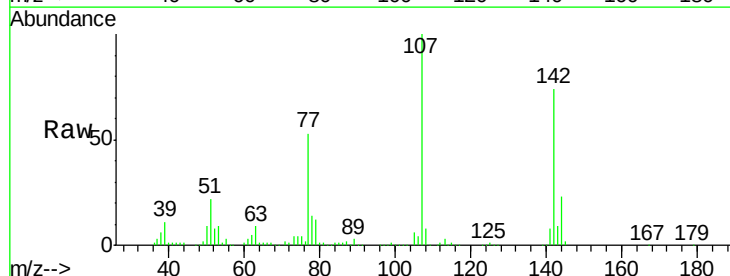
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

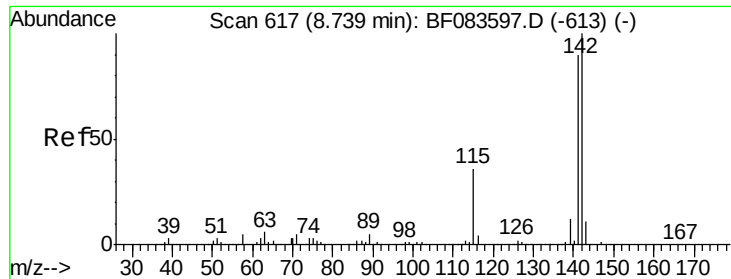
Tgt Ion:113 Resp: 72485  
 Ion Ratio Lower Upper  
 113 100  
 55 214.8 189.7 229.7  
 56 159.6 130.7 170.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.76 ng  
 RT: 8.62 min Scan# 607  
 Delta R.T. 0.01 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion:107 Resp: 454447  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 17.5 26.3  
 142 73.6 53.6 80.4

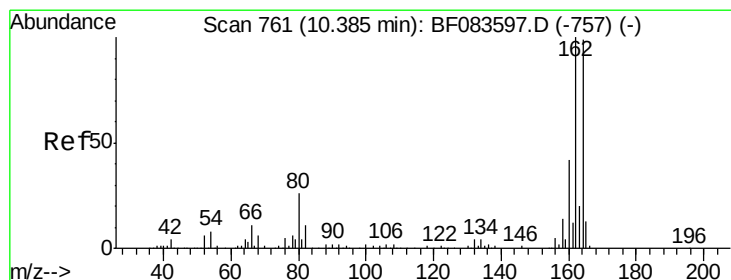
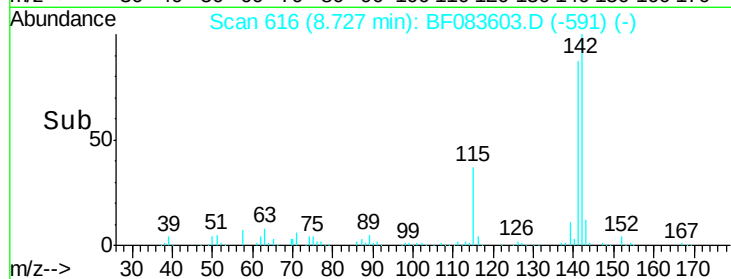
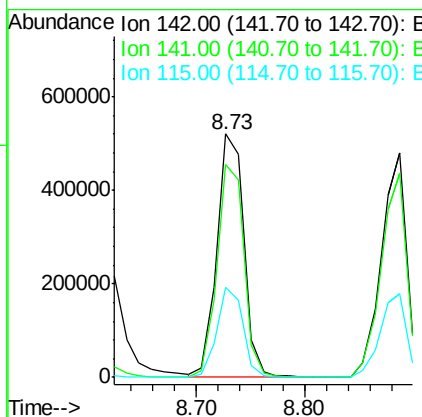
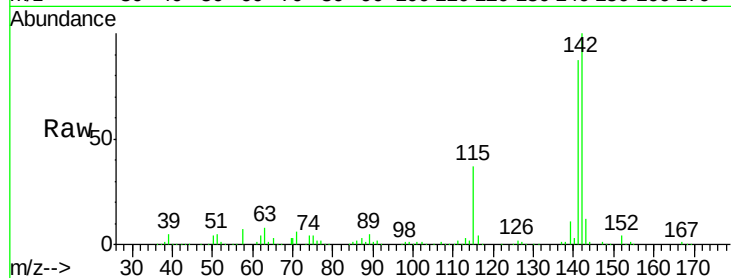




#37  
 2-Methylnaphthalene  
 Concen: 40.79 ng  
 RT: 8.73 min Scan# 616  
 Delta R.T. -0.01 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

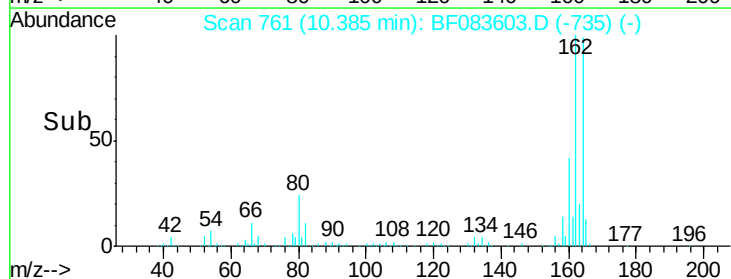
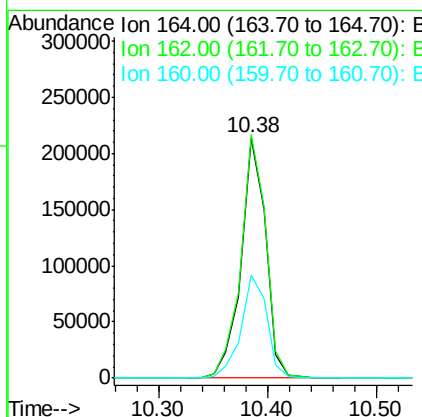
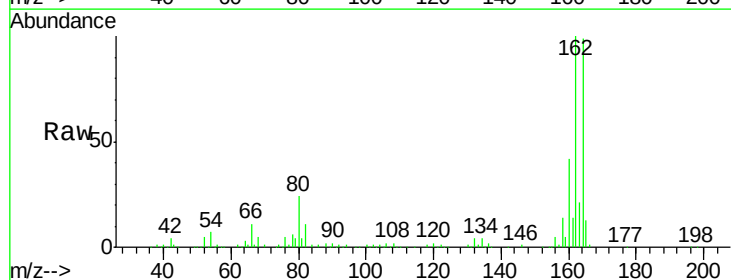
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

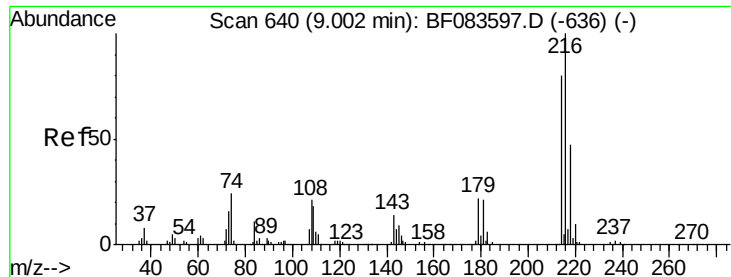
Tgt Ion:142 Resp: 900230  
 Ion Ratio Lower Upper  
 142 100  
 141 87.3 70.3 105.5  
 115 37.2 29.2 43.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.38 min Scan# 761  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion:164 Resp: 335435  
 Ion Ratio Lower Upper  
 164 100  
 162 101.3 78.8 118.2  
 160 42.7 33.4 50.2

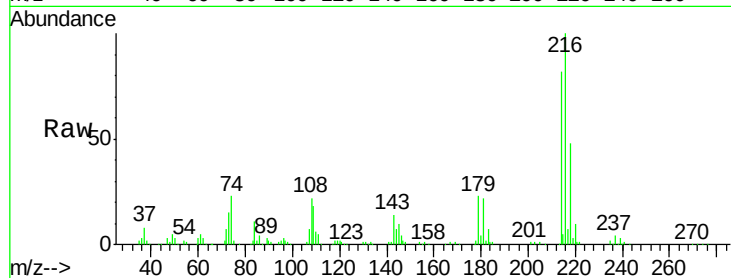




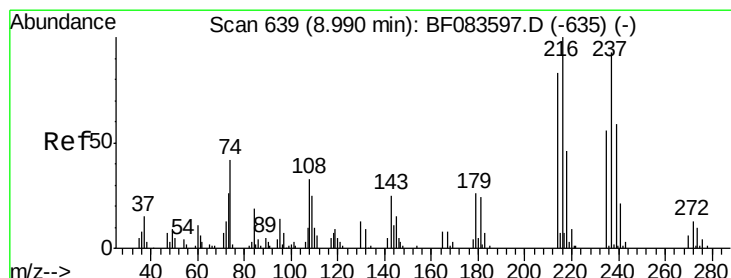
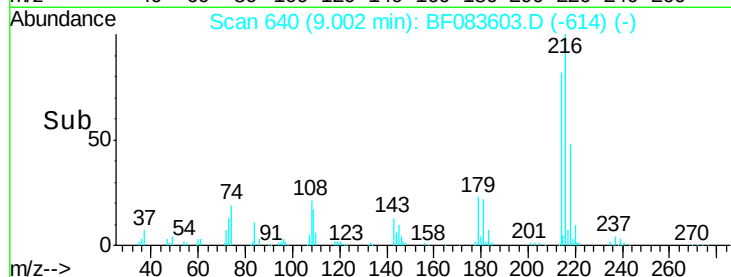
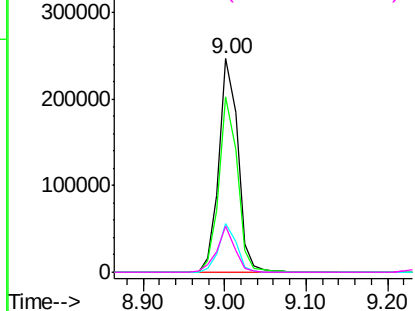
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.40 ng  
 RT: 9.00 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

Tgt Ion:216 Resp: 400803  
 Ion Ratio Lower Upper  
 216 100  
 214 79.6 0.0 0.0#  
 179 21.3 0.0 0.0#  
 108 20.4 0.0 0.0#

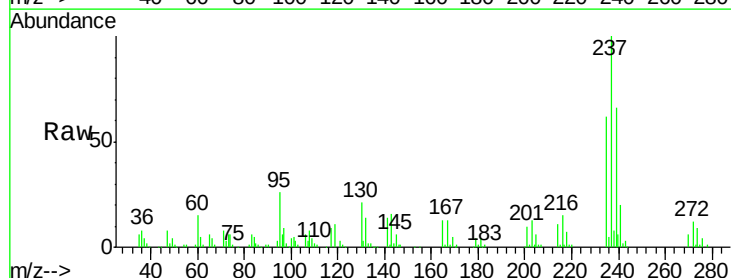


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

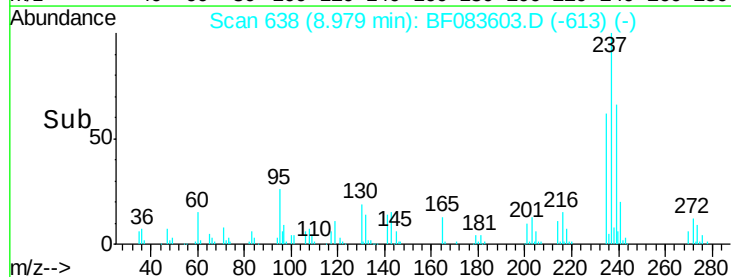
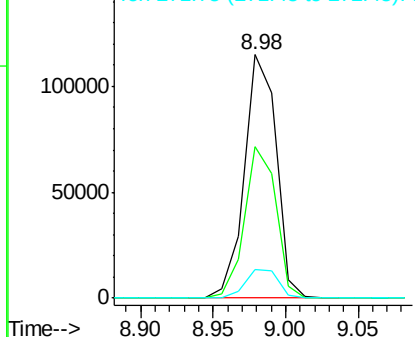


#40  
 Hexachlorocyclopentadiene  
 Concen: 71.54 ng  
 RT: 8.98 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

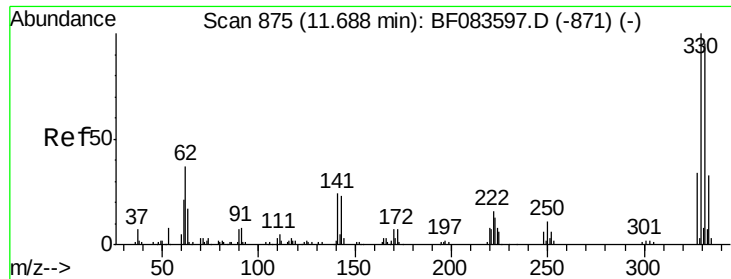
Tgt Ion:237 Resp: 174761  
 Ion Ratio Lower Upper  
 237 100  
 235 62.4 43.9 83.9  
 272 11.8 0.0 31.8



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



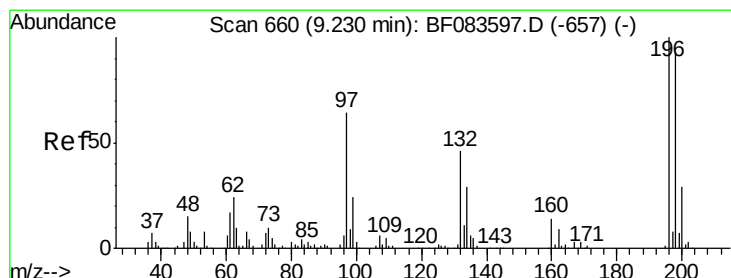
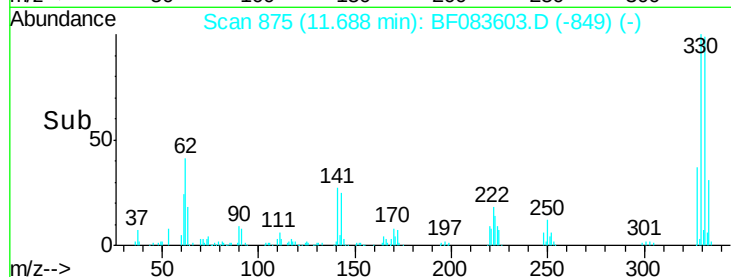
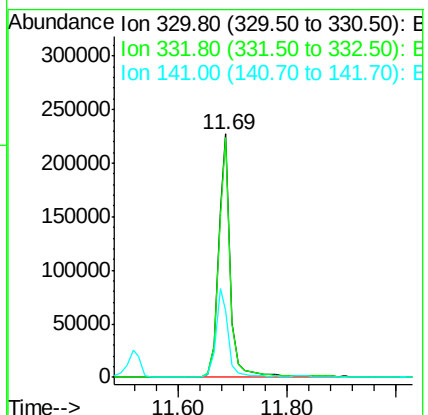
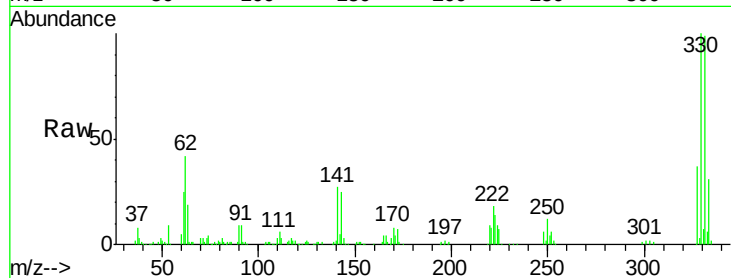




#41  
 2,4,6-Tribromophenol  
 Concen: 119.03 ng  
 RT: 11.69 min Scan# 875  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

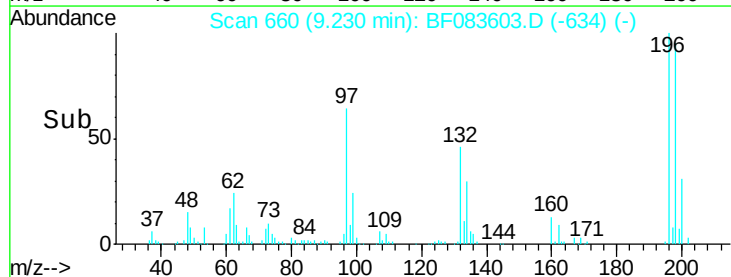
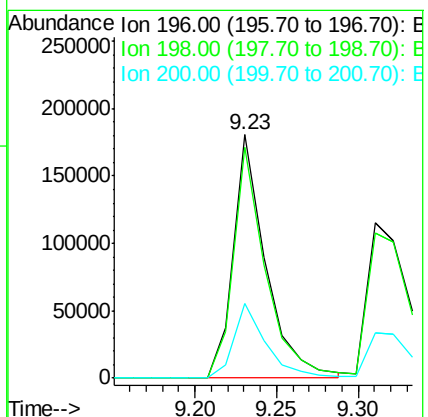
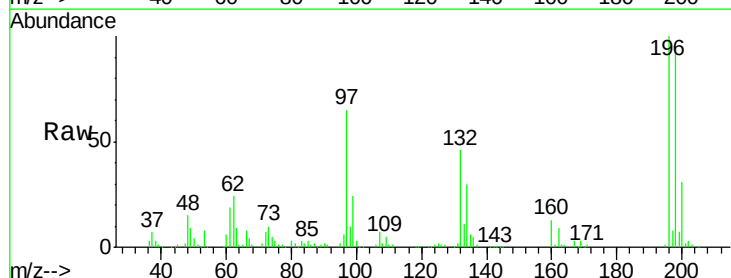
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

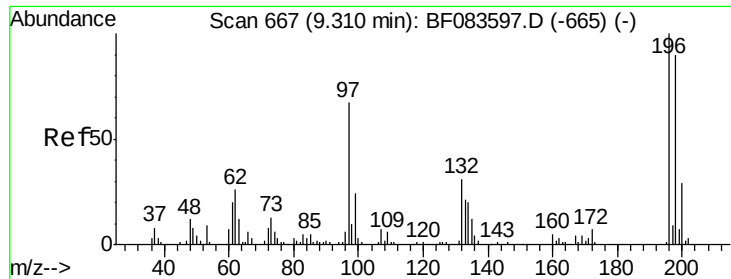
Tgt Ion:330 Resp: 355701  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 0.0 0.0#  
 141 38.0 0.0 0.0#



#42  
 2,4,6-Trichlorophenol  
 Concen: 37.85 ng  
 RT: 9.23 min Scan# 660  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion:196 Resp: 249359  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 75.2 112.8  
 200 30.7 23.0 34.6

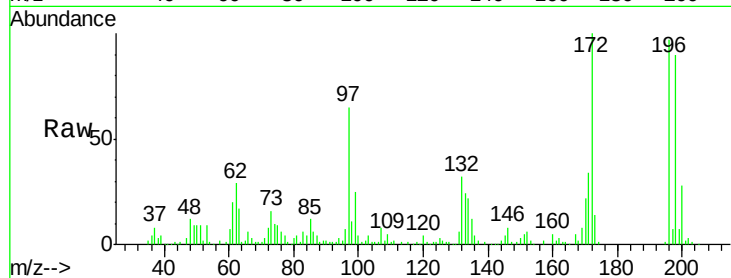




#43  
 2,4,5-Trichlorophenol  
 Concen: 40.41 ng  
 RT: 9.31 min Scan# 667  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.0  | 77.7  | 116.5 |
| 97      | 66.4  | 41.2  | 61.8  |
| 132     | 32.6  | 21.8  | 32.8  |



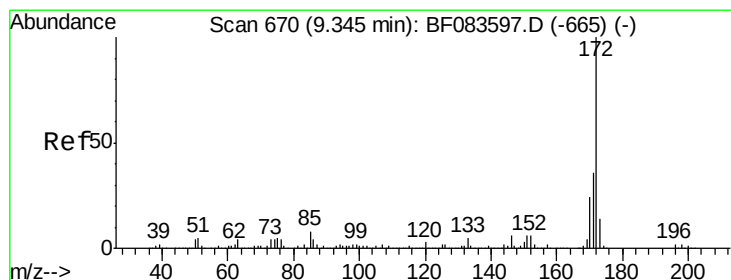
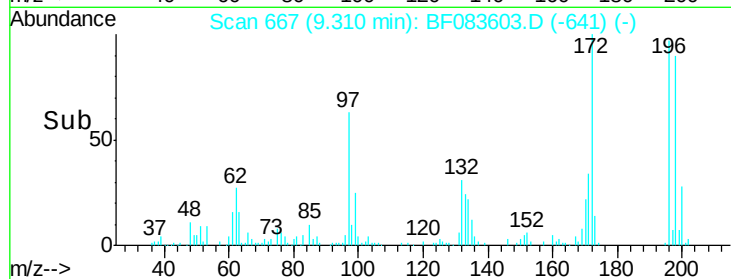
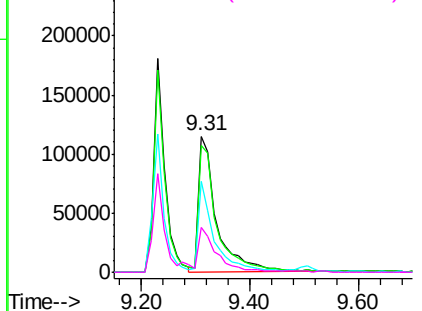
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

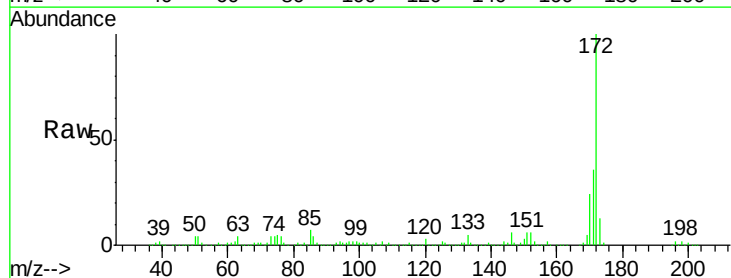
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 76.60 ng  
 RT: 9.34 min Scan# 670  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 28.6  | 42.8  |
| 170     | 24.0  | 19.4  | 29.0  |

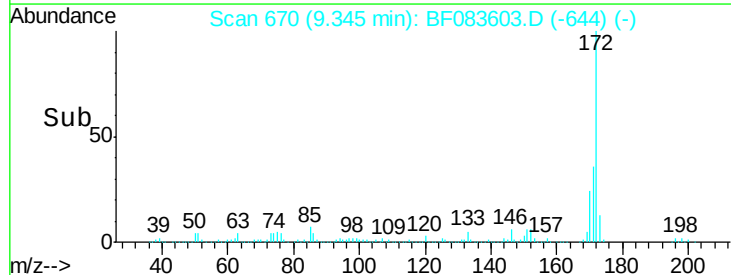
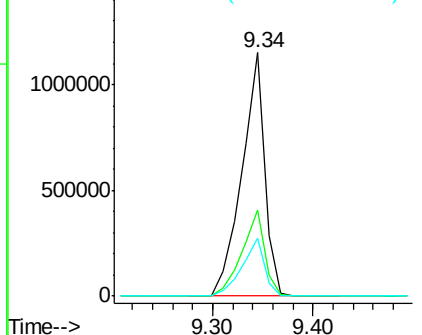


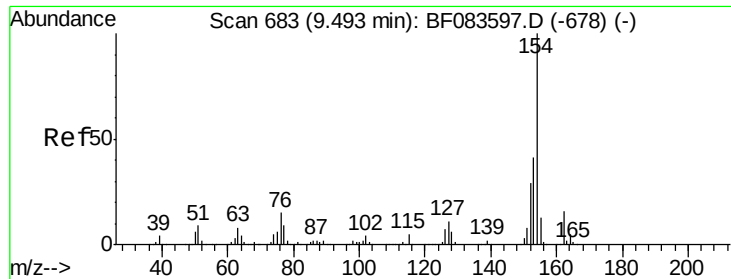
Abundance

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

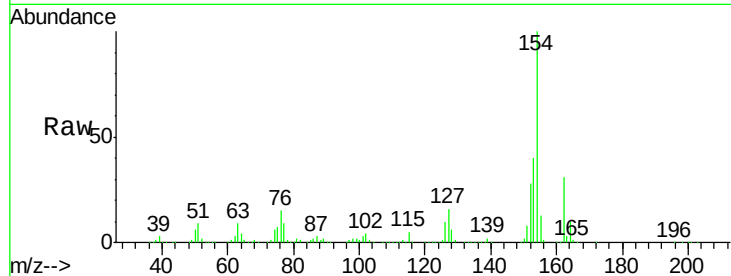




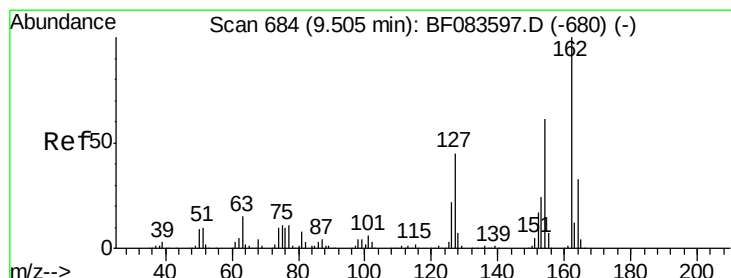
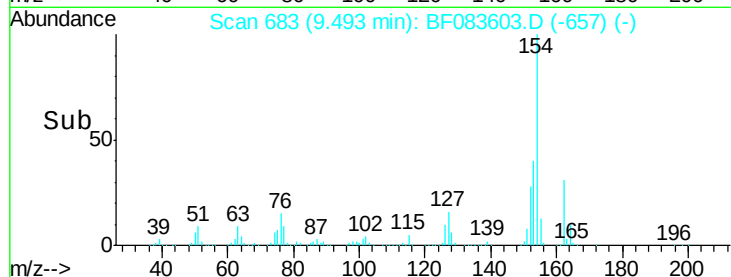
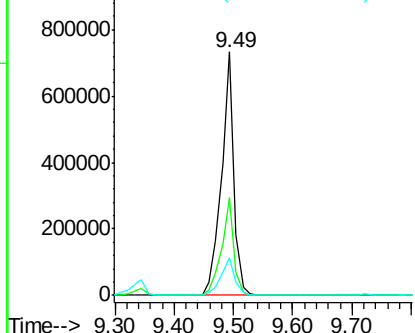
#45  
 1,1'-Biphenyl  
 Concen: 36.62 ng  
 RT: 9.49 min Scan# 683  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

Tgt Ion:154 Resp: 1067764  
 Ion Ratio Lower Upper  
 154 100  
 153 40.0 20.2 60.2  
 76 15.3 0.0 34.8

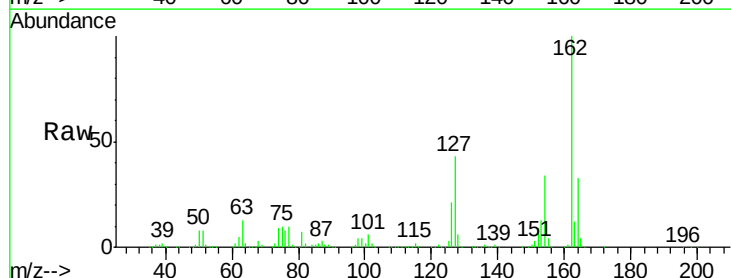


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

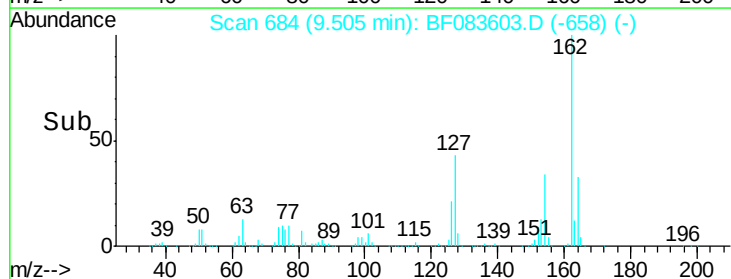
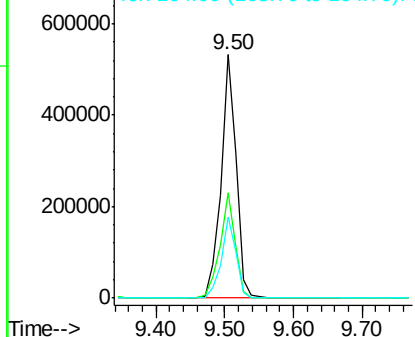


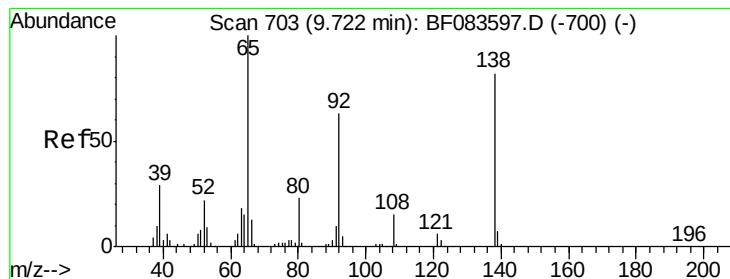
#46  
 2-Chloronaphthalene  
 Concen: 37.68 ng  
 RT: 9.50 min Scan# 684  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion:162 Resp: 829370  
 Ion Ratio Lower Upper  
 162 100  
 127 43.1 31.0 46.4  
 164 33.1 27.4 41.0



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: 40.63 ng

RT: 9.72 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

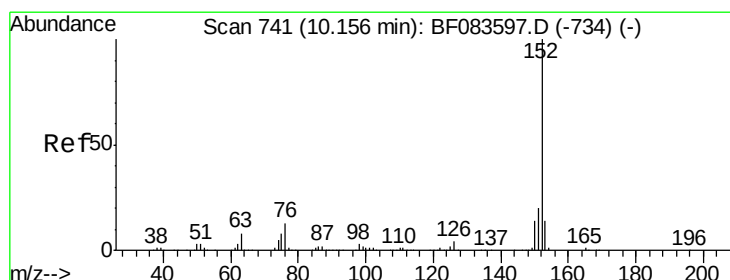
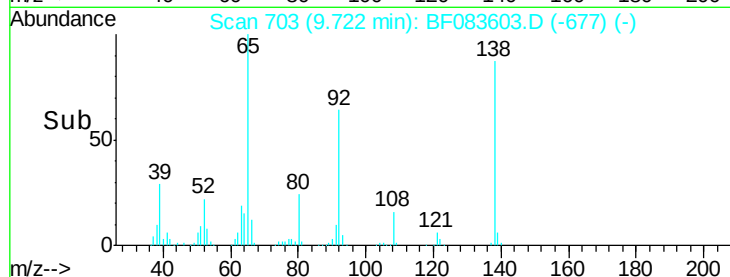
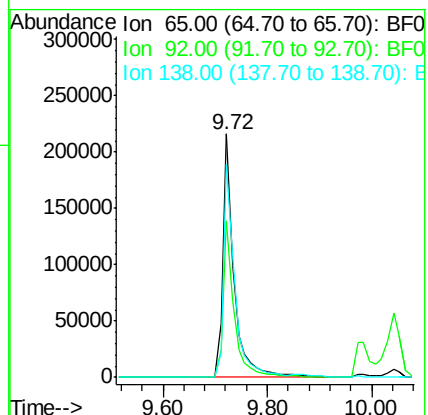
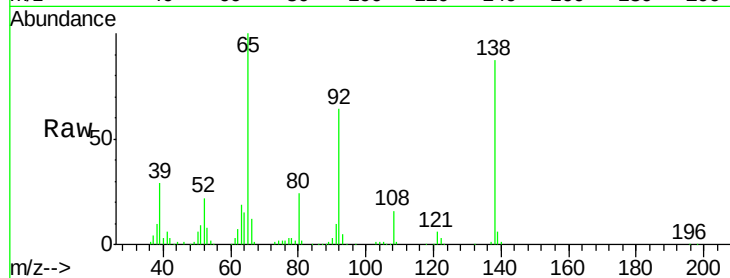
Tgt Ion: 65 Resp: 322573

Ion Ratio Lower Upper

65 100

92 64.4 49.6 74.4

138 87.4 64.1 96.1



#48

Acenaphthylene

Concen: 37.46 ng

RT: 10.16 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

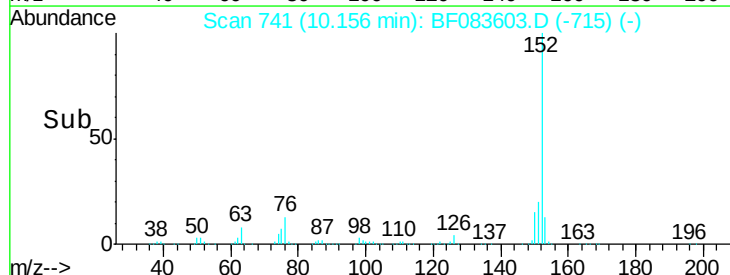
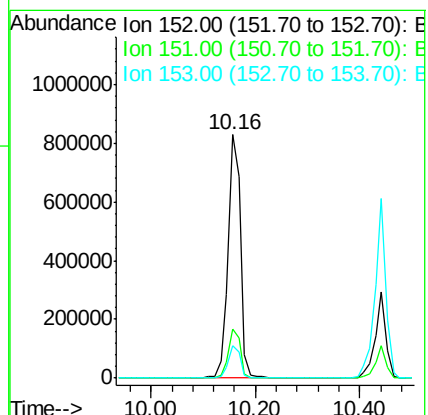
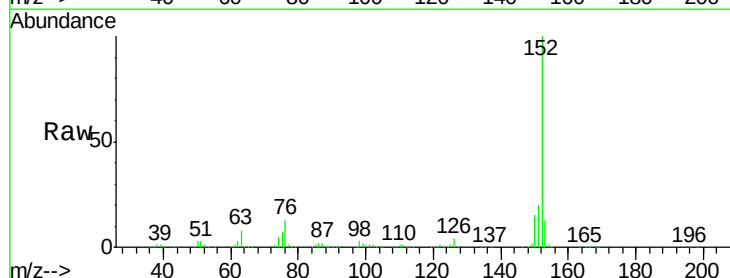
Tgt Ion: 152 Resp: 1359685

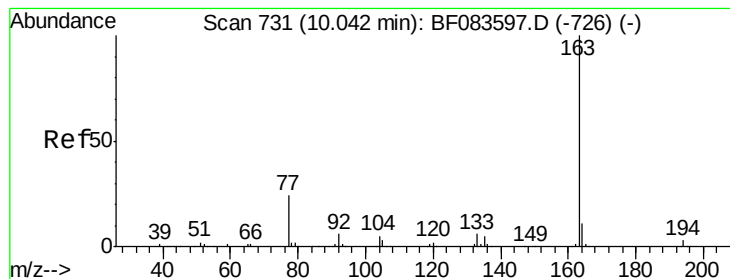
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 38.28 ng

RT: 10.04 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

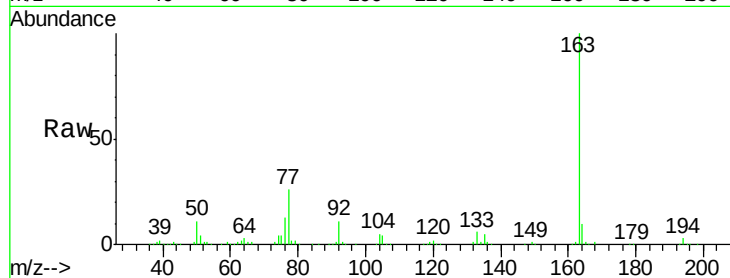
Tgt Ion:163 Resp: 1021996

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

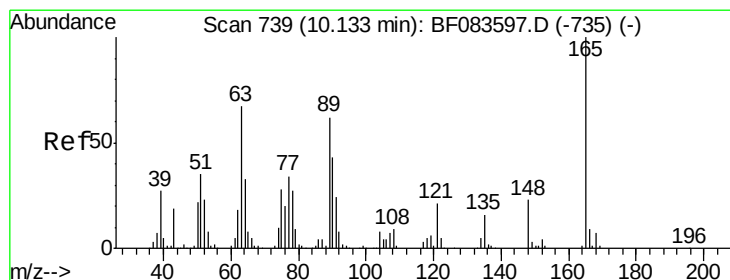
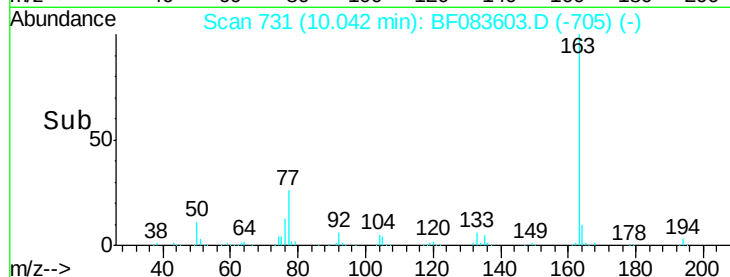
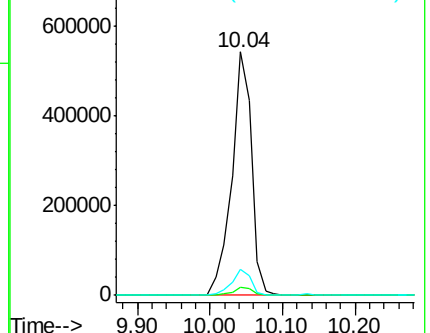
164 10.4 8.6 13.0



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: 39.90 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

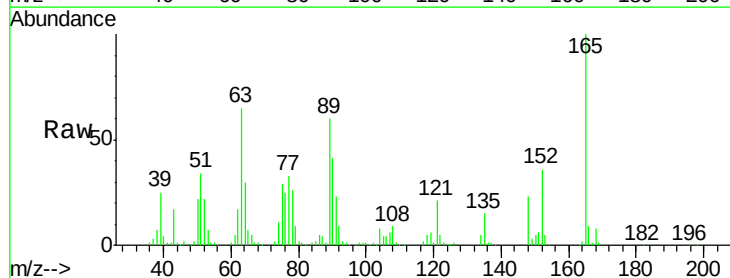
Tgt Ion:165 Resp: 219956

Ion Ratio Lower Upper

165 100

63 64.9 56.9 85.3

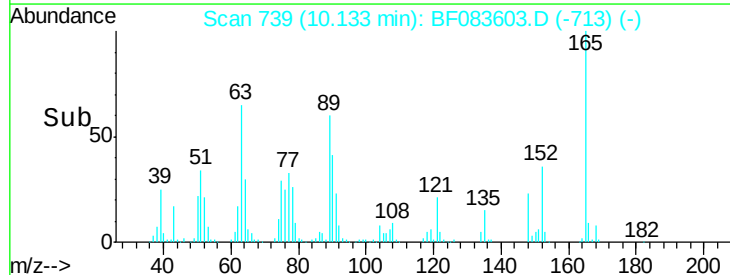
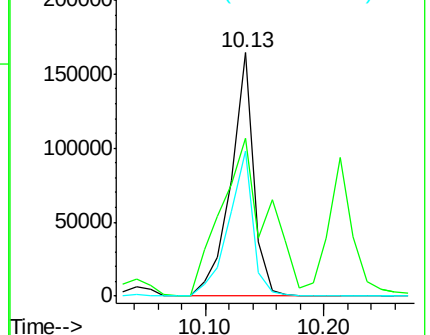
89 59.7 52.1 78.1

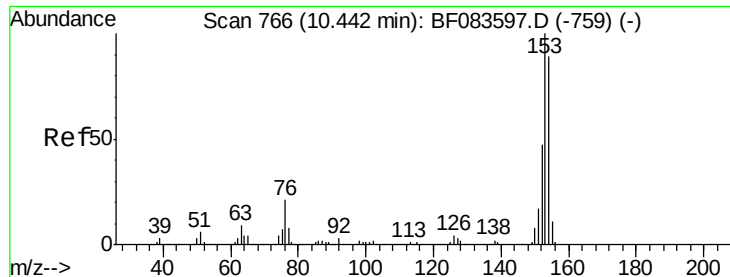


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.96 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

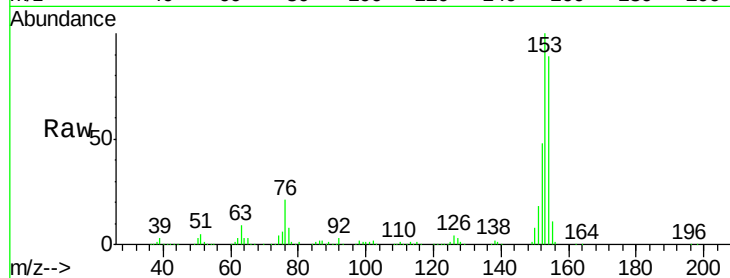
Tgt Ion:154 Resp: 788867

Ion Ratio Lower Upper

154 100

153 112.0 91.4 137.0

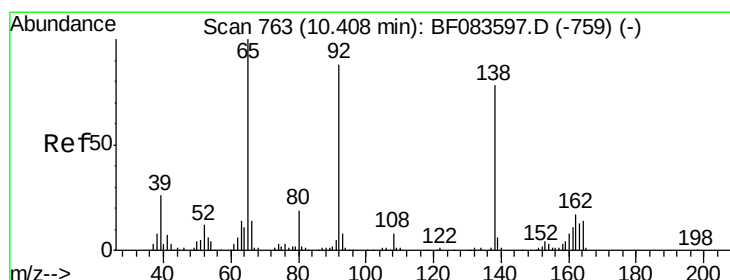
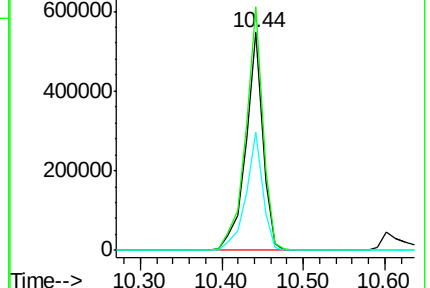
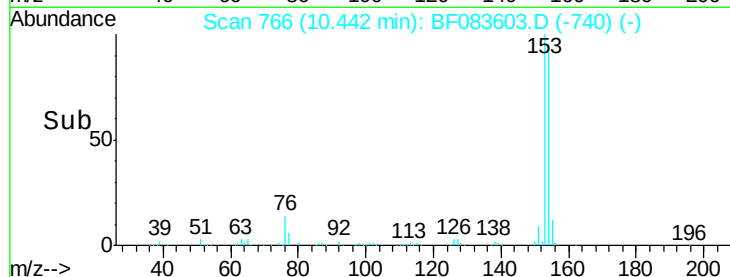
152 54.1 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.53 ng

RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

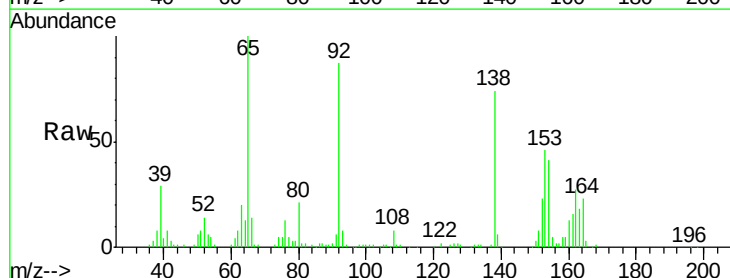
Tgt Ion:138 Resp: 143729

Ion Ratio Lower Upper

138 100

108 10.8 9.9 14.9

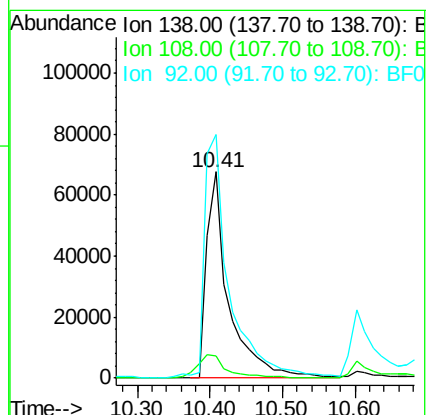
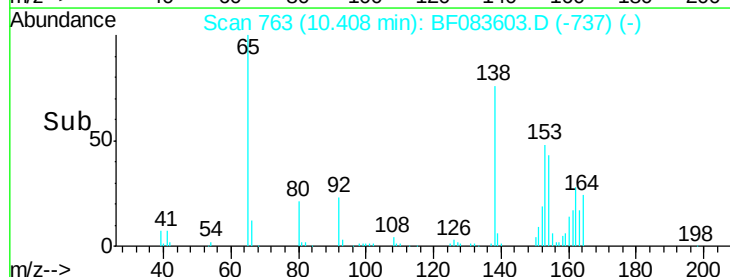
92 118.0 113.8 170.8

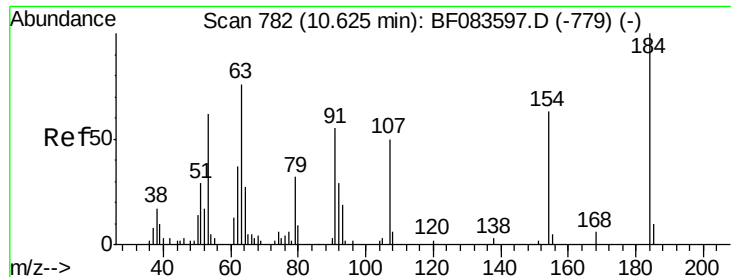


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

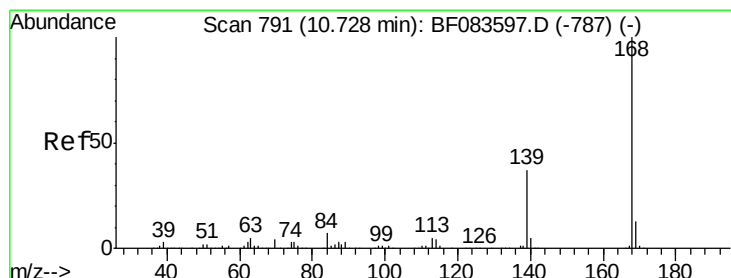
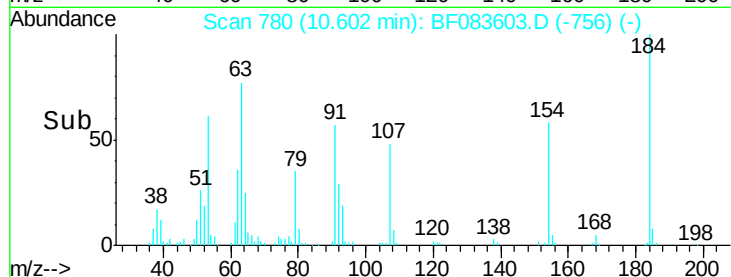
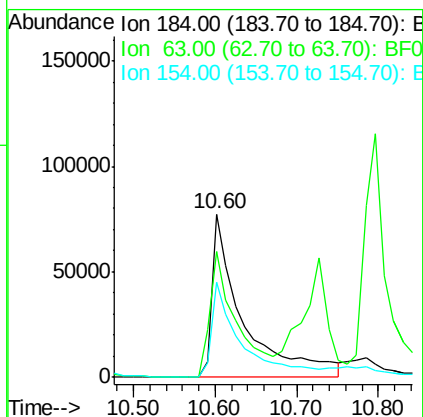
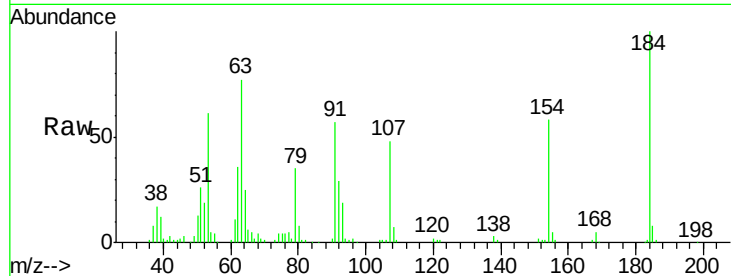




#53  
2,4-Dinitrophenol  
Concen: 75.60 ng  
RT: 10.60 min Scan# 780  
Delta R.T. -0.02 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

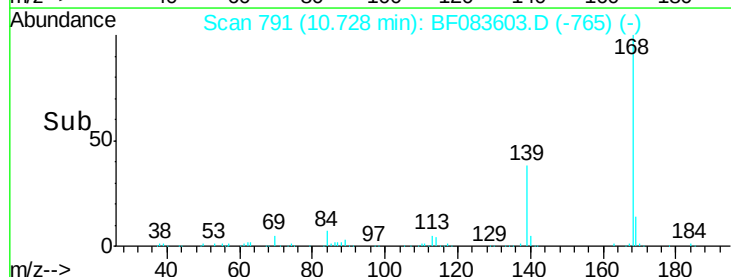
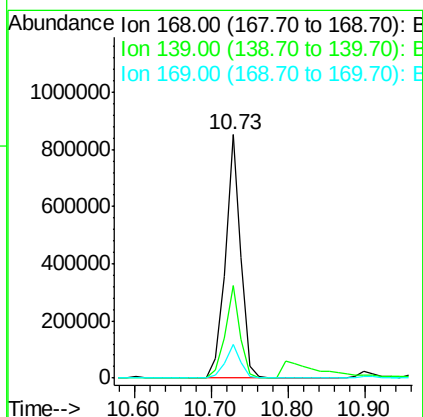
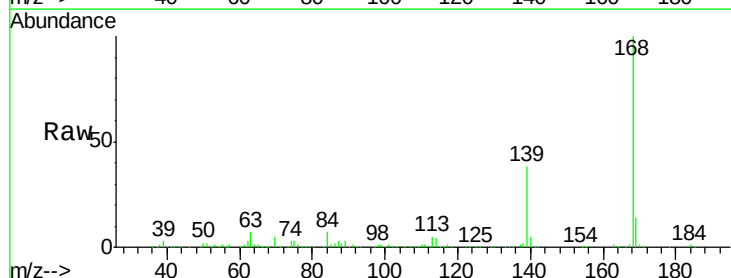
Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

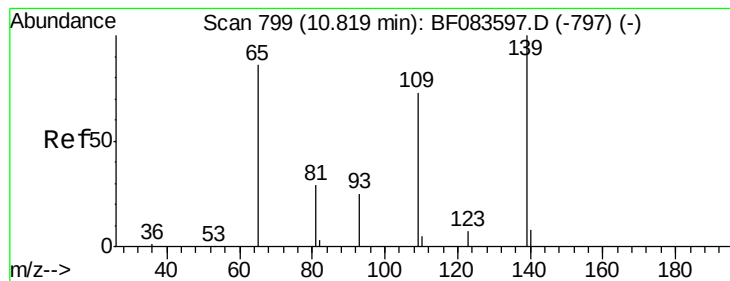
Tgt Ion:184 Resp: 205345  
Ion Ratio Lower Upper  
184 100  
63 77.4 62.4 93.6  
154 58.0 46.6 69.8



#54  
Dibenzofuran  
Concen: 41.83 ng  
RT: 10.73 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Tgt Ion:168 Resp: 1205522  
Ion Ratio Lower Upper  
168 100  
139 37.9 28.0 42.0  
169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 86.01 ng

RT: 10.80 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

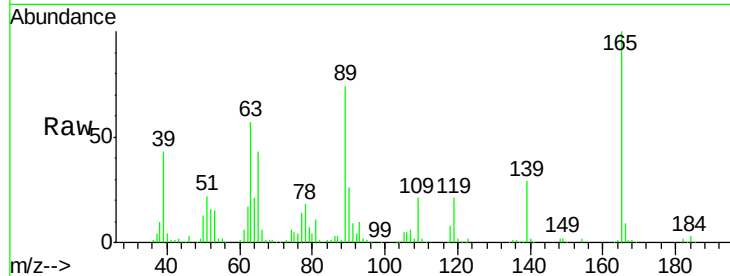
Tgt Ion:139 Resp: 221882

Ion Ratio Lower Upper

139 100

109 72.8 42.0 82.0

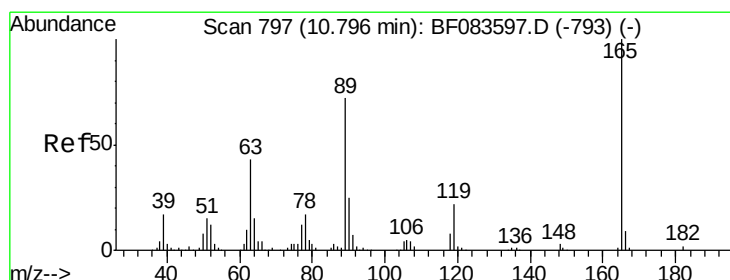
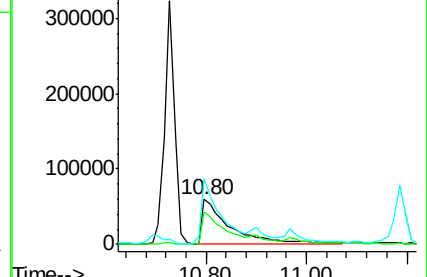
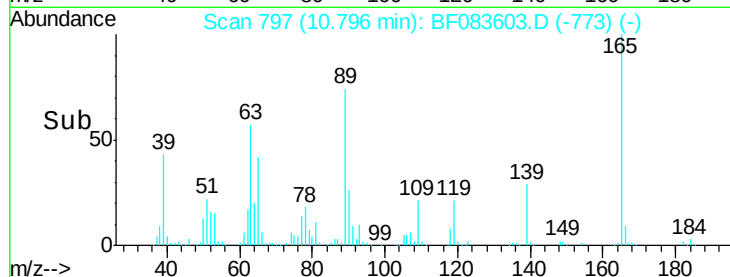
65 146.7 89.2 129.2#



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: 41.43 ng

RT: 10.80 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tgt Ion:165 Resp: 302931

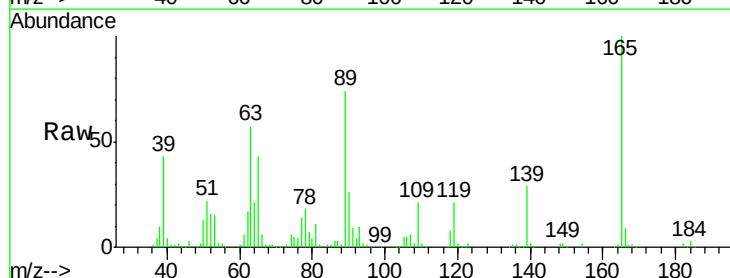
Ion Ratio Lower Upper

165 100

63 57.2 51.4 77.2

89 73.6 72.6 108.8

182 2.1 1.4 2.0#

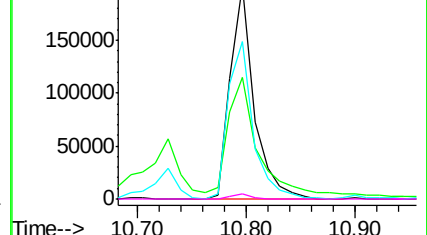
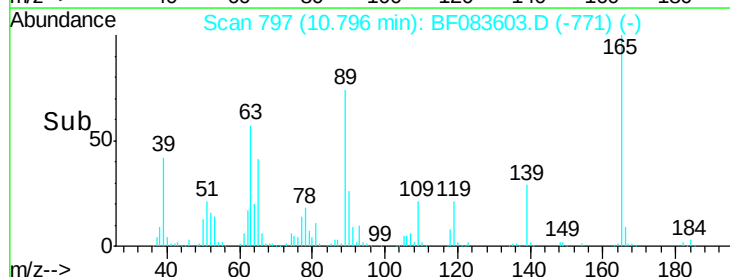


Abundance Ion 165.00 (164.70 to 165.70): E

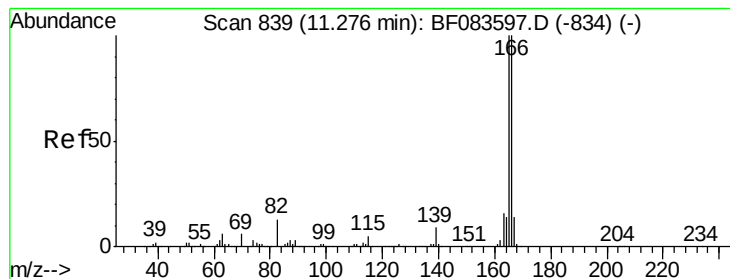
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 38.75 ng

RT: 11.28 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

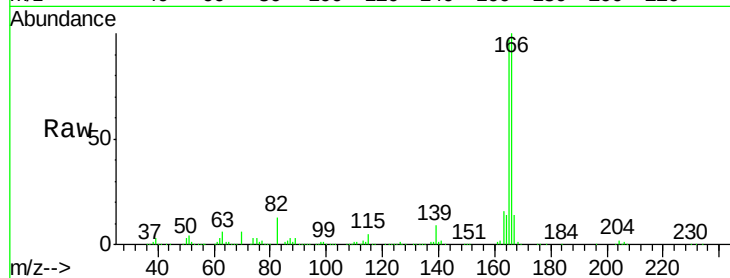
Tgt Ion:166 Resp: 974614

Ion Ratio Lower Upper

166 100

165 97.4 80.0 120.0

167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

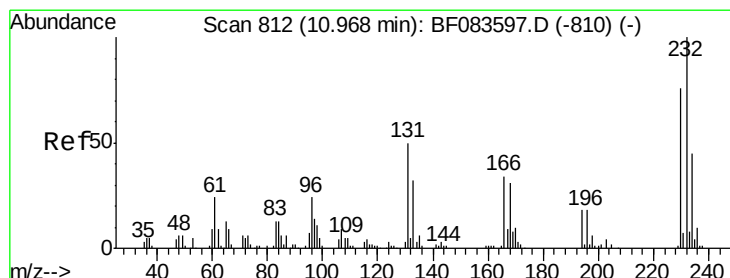
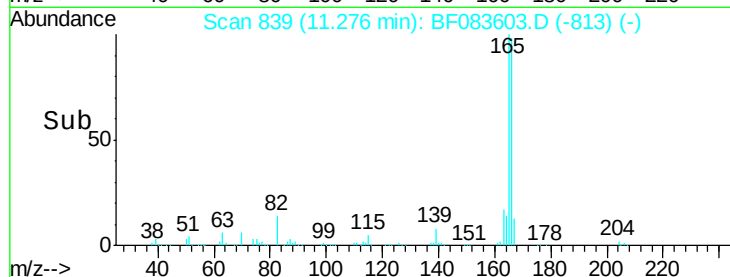
400000

200000

0

11.28

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.81 ng

RT: 10.97 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Tgt Ion:232 Resp: 228548

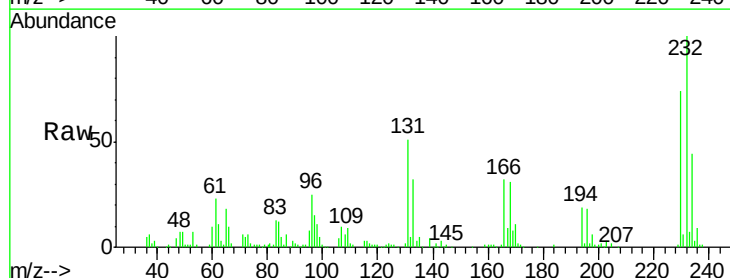
Ion Ratio Lower Upper

232 100

131 45.2 0.0 0.0#

130 2.1 0.0 0.0#

166 31.2 0.0 0.0#



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

1000000

800000

600000

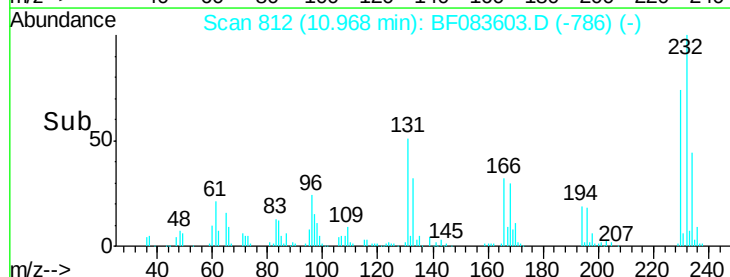
400000

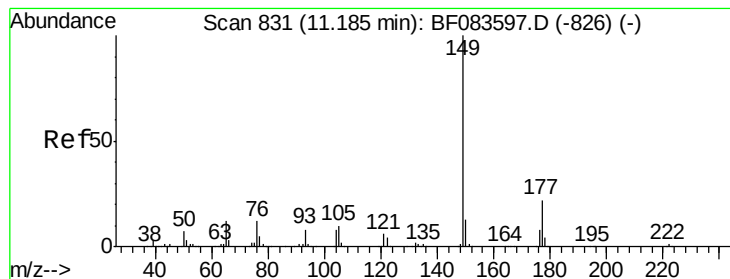
200000

0

10.97

Time-->





#59

Diethylphthalate

Concen: 38.50 ng

RT: 11.18 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

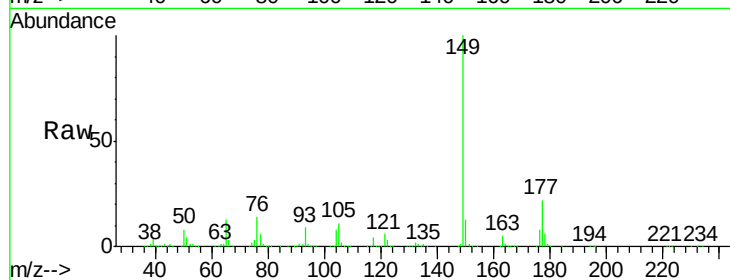
Tgt Ion:149 Resp: 999549

Ion Ratio Lower Upper

149 100

177 22.2 16.9 25.3

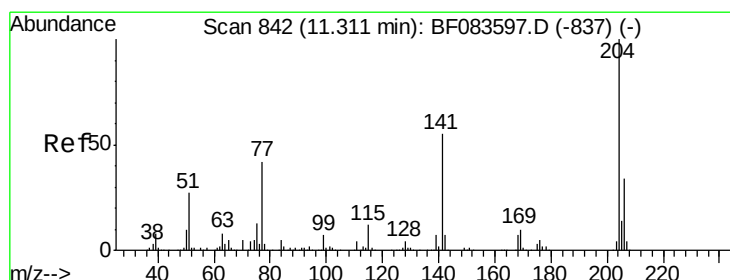
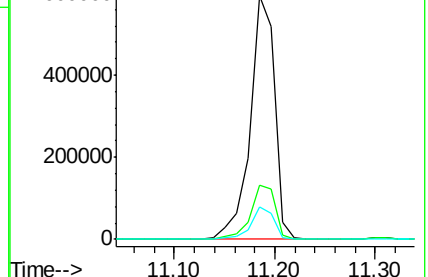
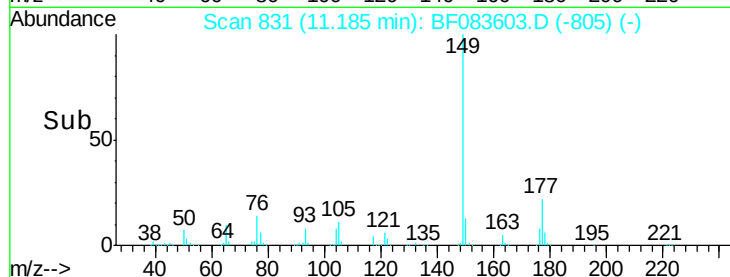
150 13.1 10.2 15.4



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: 38.29 ng

RT: 11.31 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

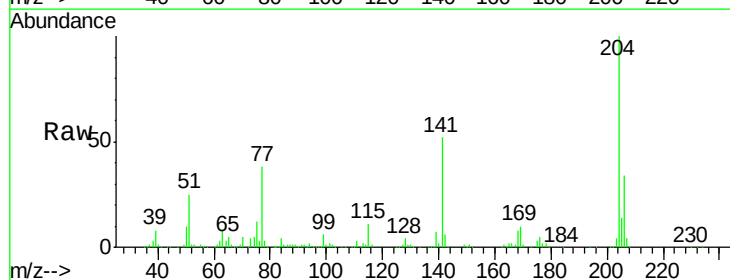
Tgt Ion:204 Resp: 458491

Ion Ratio Lower Upper

204 100

206 33.7 27.3 40.9

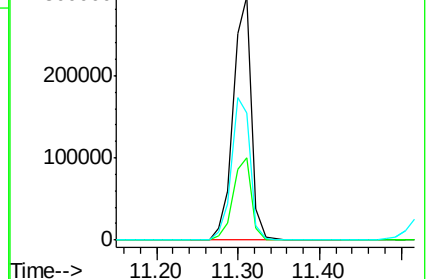
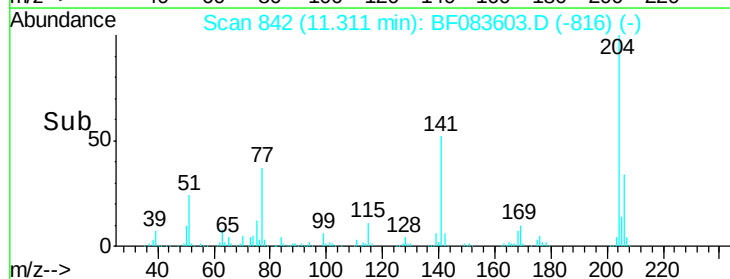
141 52.4 51.9 77.9

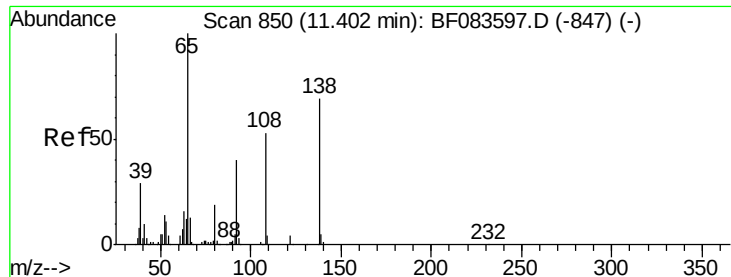


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

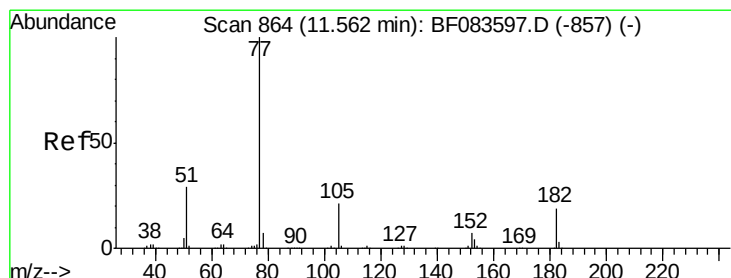
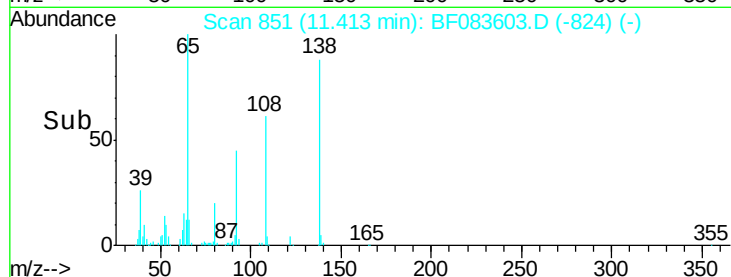
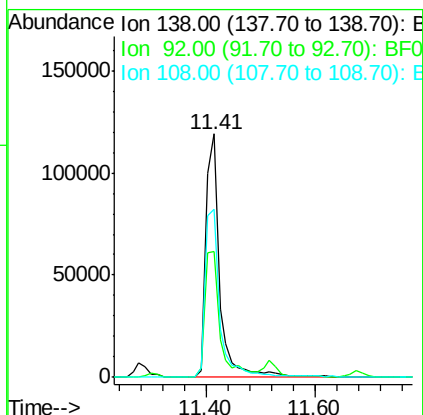
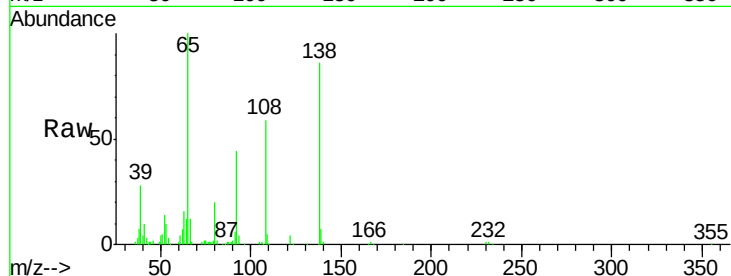




#61  
4-Nitroaniline  
Concen: 39.56 ng  
RT: 11.41 min Scan# 851  
Delta R.T. 0.01 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

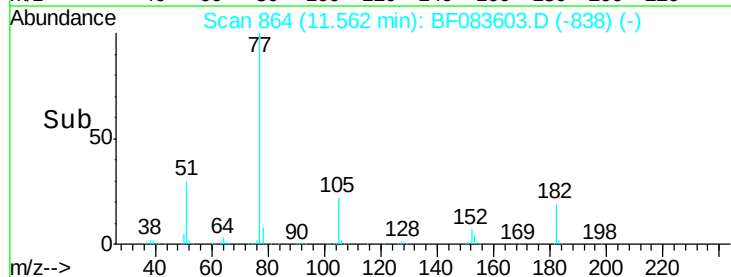
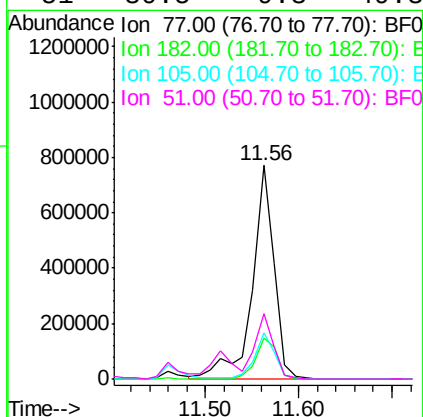
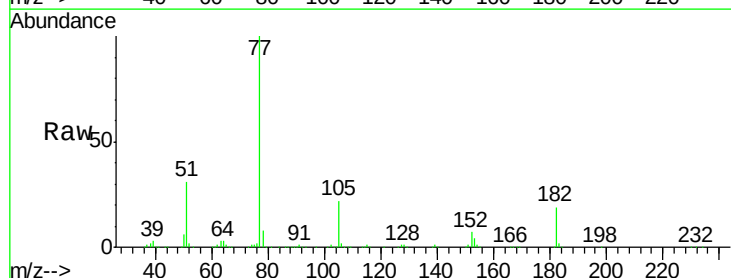
Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

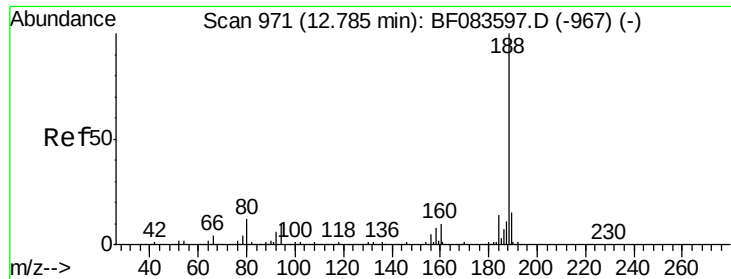
Tgt Ion:138 Resp: 210567  
Ion Ratio Lower Upper  
138 100  
92 51.5 29.0 69.0  
108 69.1 47.4 87.4



#62  
Azobenzene  
Concen: 43.41 ng  
RT: 11.56 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Tgt Ion: 77 Resp: 1240420  
Ion Ratio Lower Upper  
77 100  
182 19.2 2.5 42.5  
105 21.6 2.1 42.1  
51 30.5 9.3 49.3

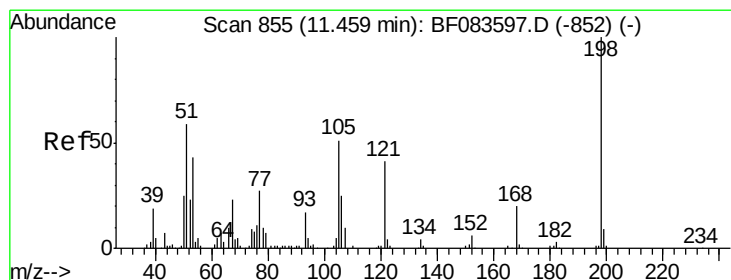
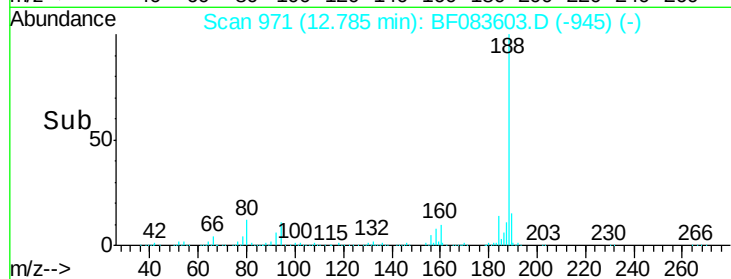
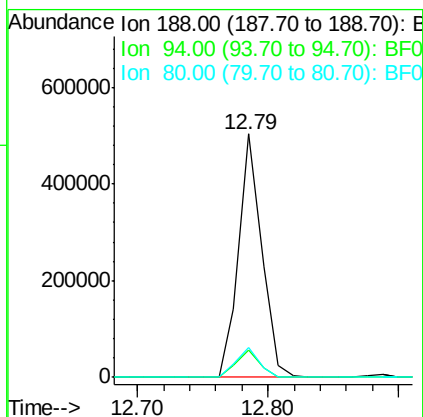
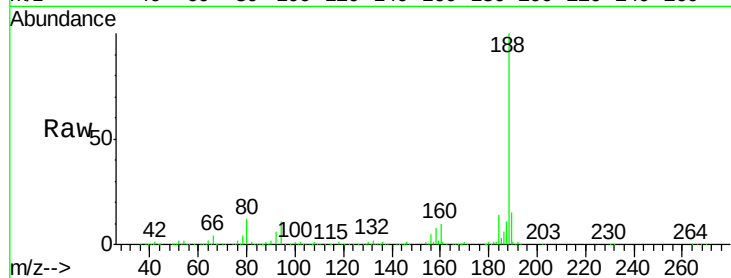




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.79 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

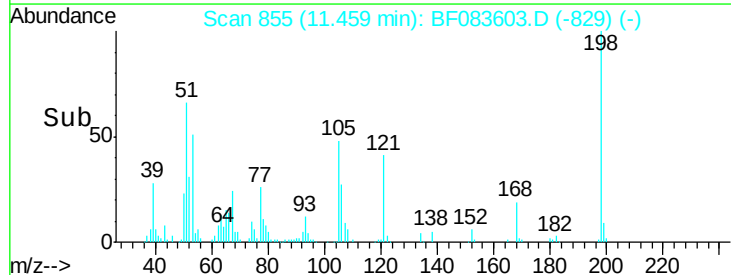
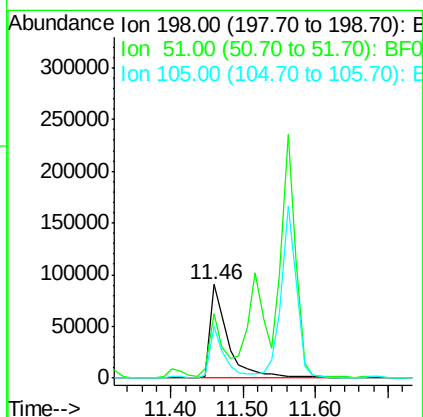
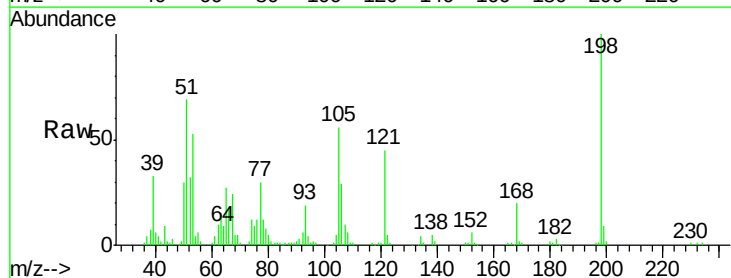
Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

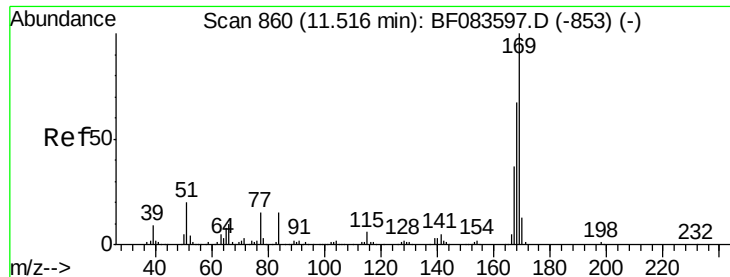
Tgt Ion:188 Resp: 623030  
Ion Ratio Lower Upper  
188 100  
94 11.0 9.4 14.2  
80 12.2 10.6 16.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.67 ng  
RT: 11.46 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Tgt Ion:198 Resp: 158033  
Ion Ratio Lower Upper  
198 100  
51 69.0 53.8 93.8  
105 55.5 38.6 78.6

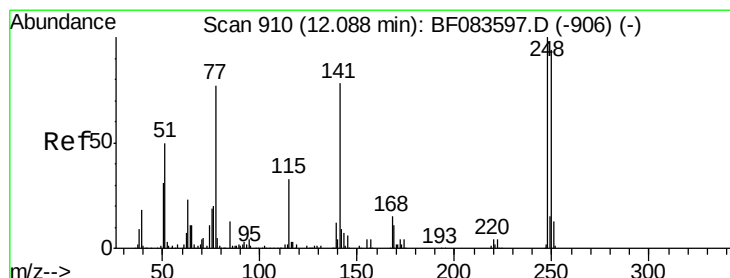
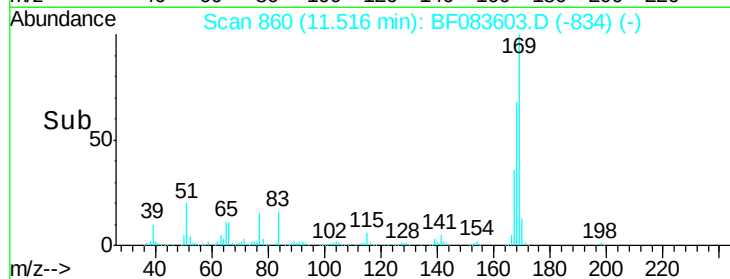
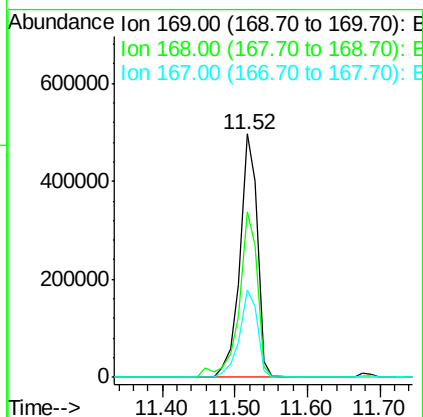
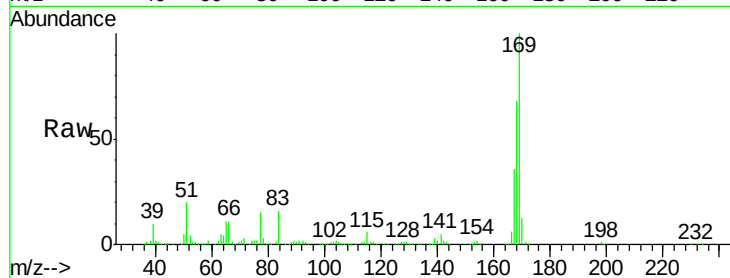




#65  
 n-Nitrosodiphenylamine  
 Concen: 40.43 ng  
 RT: 11.52 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

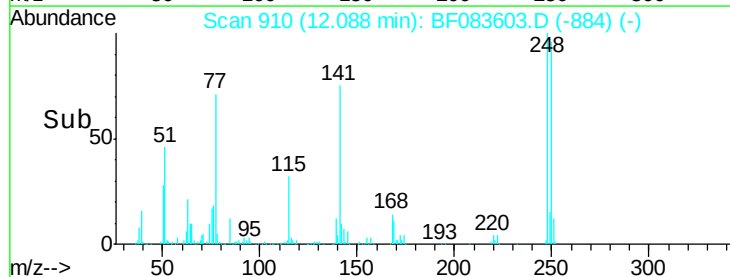
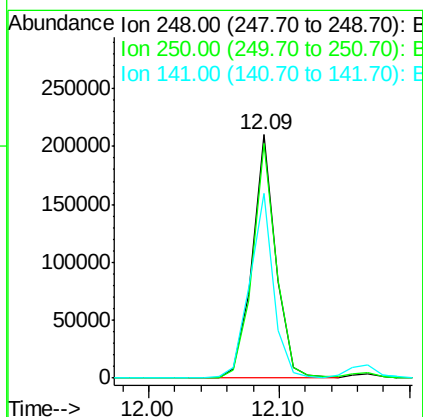
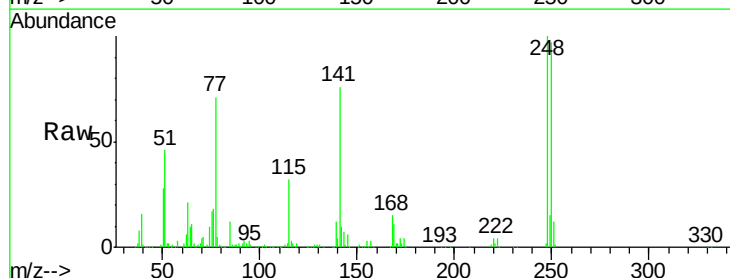
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

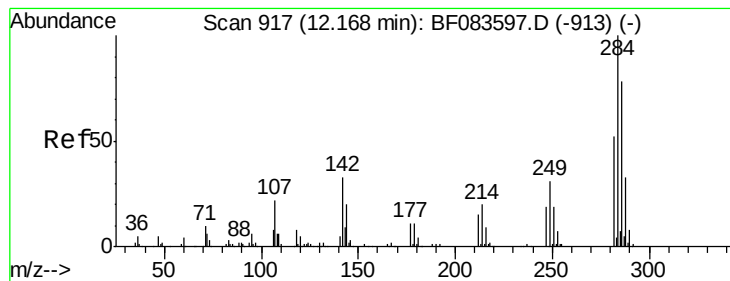
Tgt Ion:169 Resp: 831322  
 Ion Ratio Lower Upper  
 169 100  
 168 67.8 53.0 79.6  
 167 36.1 29.3 43.9



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.30 ng  
 RT: 12.09 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion:248 Resp: 266140  
 Ion Ratio Lower Upper  
 248 100  
 250 96.6 79.2 118.8  
 141 75.8 58.2 87.4





#67

Hexachlorobenzene

Concen: 38.68 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

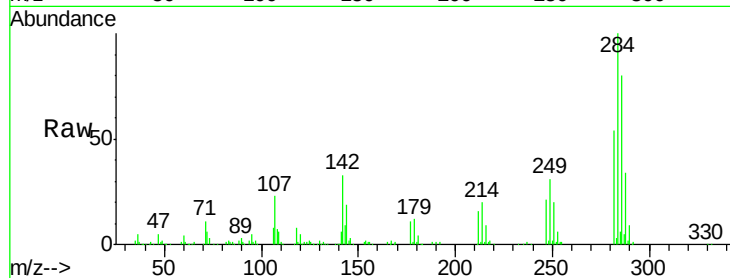
Tgt Ion:284 Resp: 285183

Ion Ratio Lower Upper

284 100

142 33.4 31.0 46.4

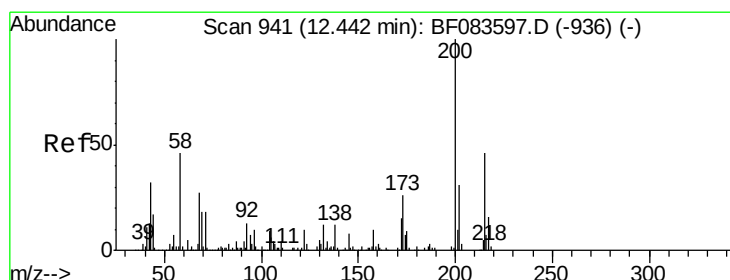
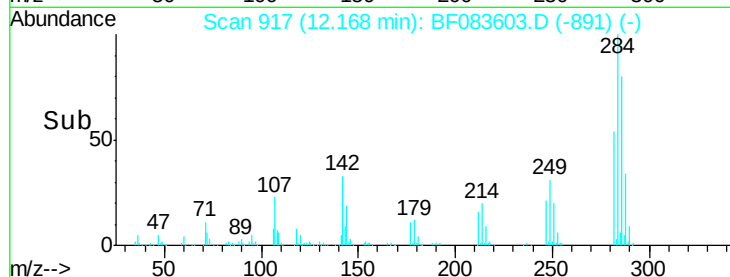
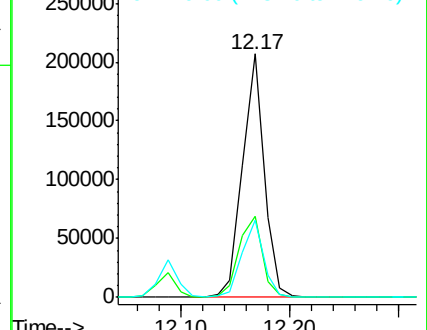
249 31.5 26.9 40.3



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: 42.50 ng

RT: 12.44 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

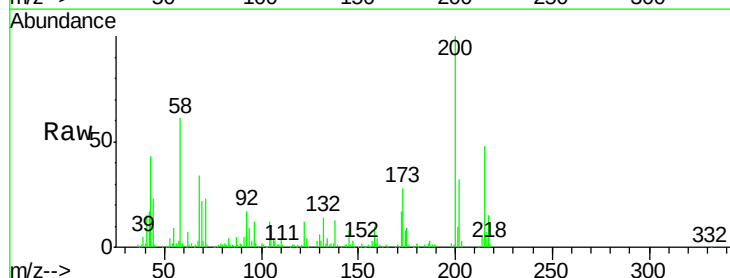
Tgt Ion:200 Resp: 259990

Ion Ratio Lower Upper

200 100

173 28.0 7.8 47.8

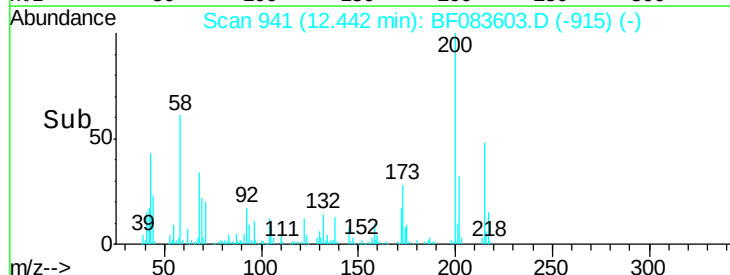
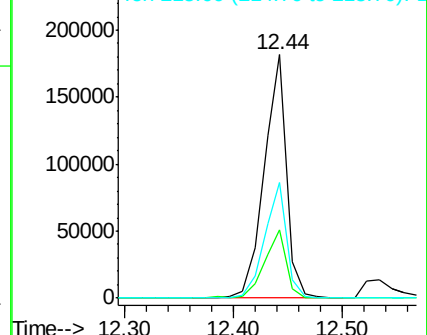
215 47.5 25.7 65.7

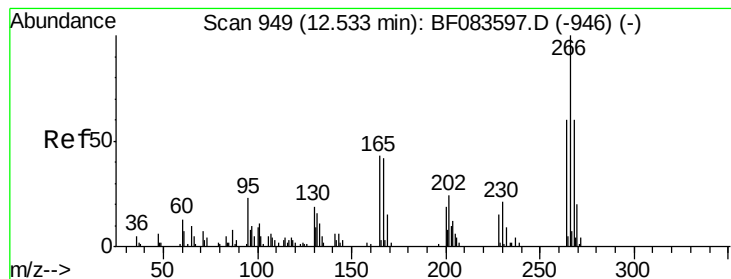


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 87.11 ng

RT: 12.53 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

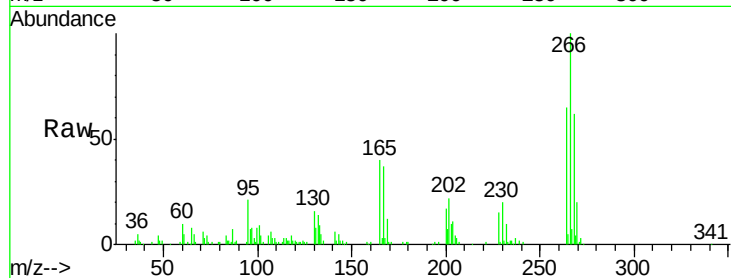
Tgt Ion:266 Resp: 176862

Ion Ratio Lower Upper

266 100

268 62.2 50.2 75.2

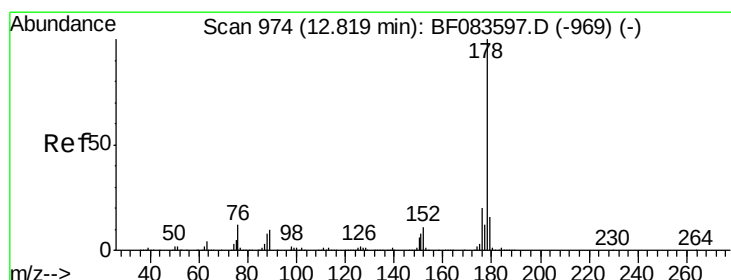
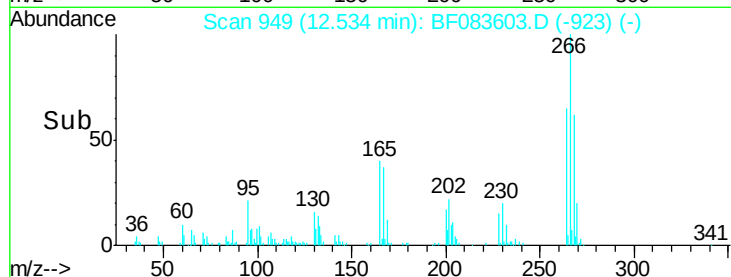
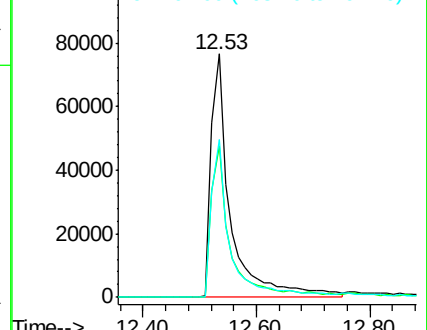
264 64.6 51.4 77.2



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: 39.08 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

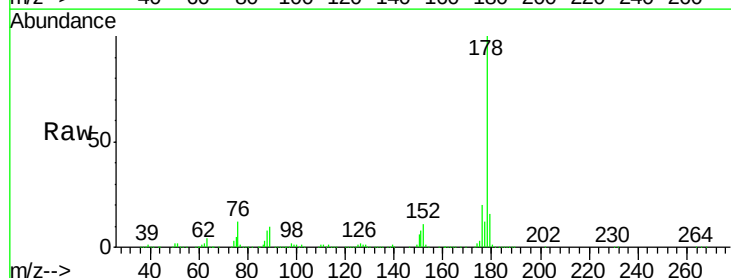
Tgt Ion:178 Resp: 1398958

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

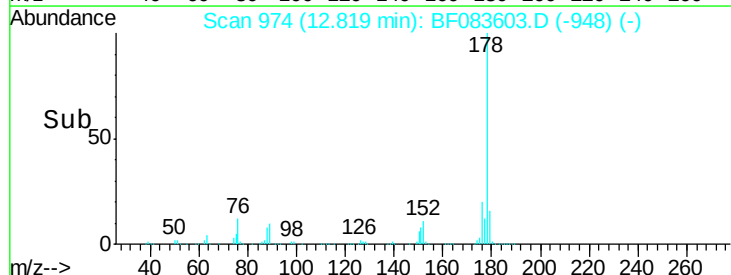
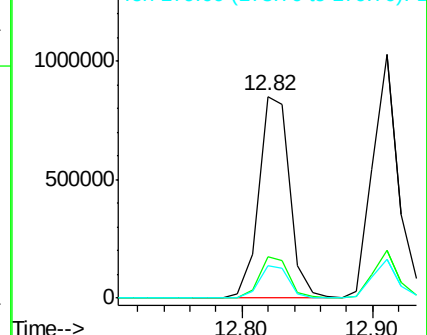
179 16.3 12.2 18.4

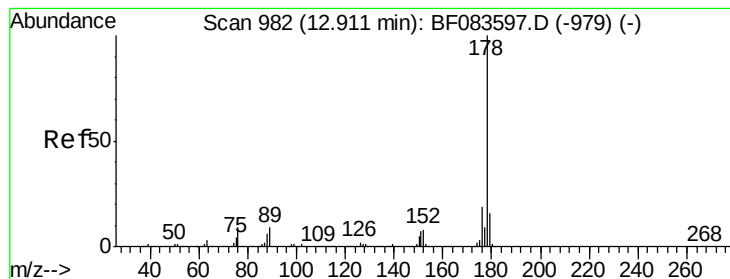


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.08 ng

RT: 12.91 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

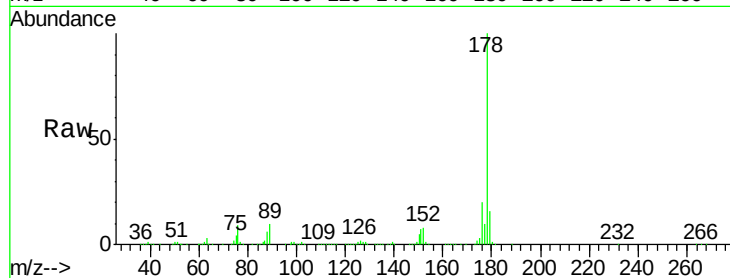
Tgt Ion:178 Resp: 1449157

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

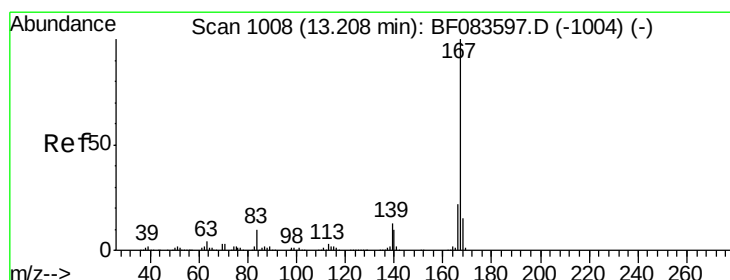
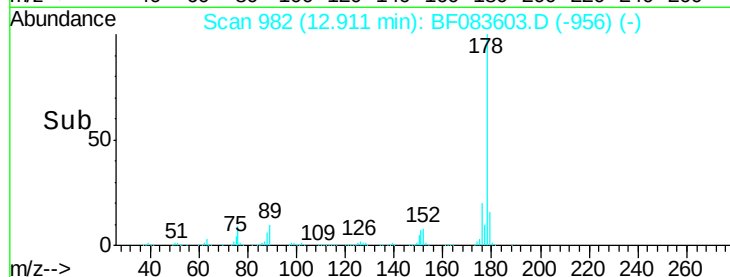
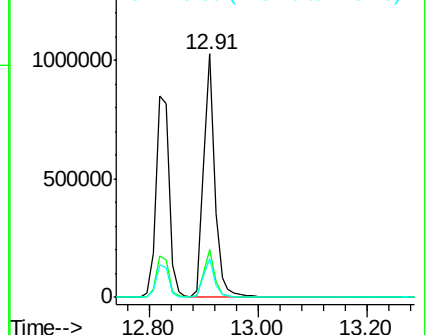
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.77 ng

RT: 13.21 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

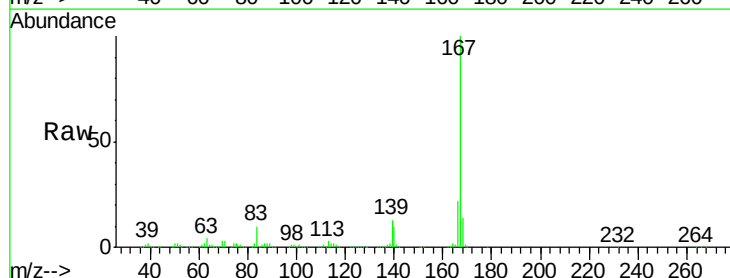
Tgt Ion:167 Resp: 1264593

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

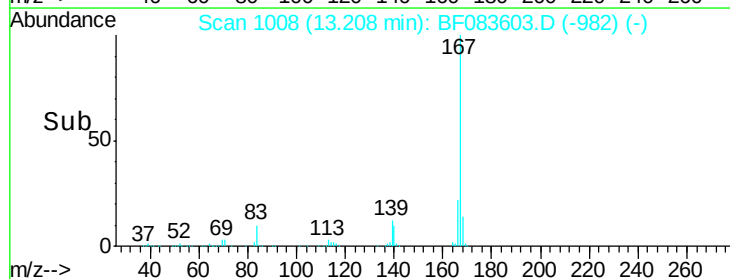
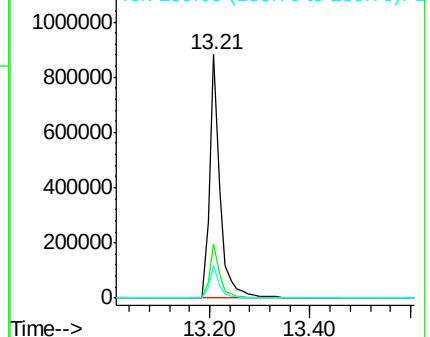
139 13.3 9.3 13.9



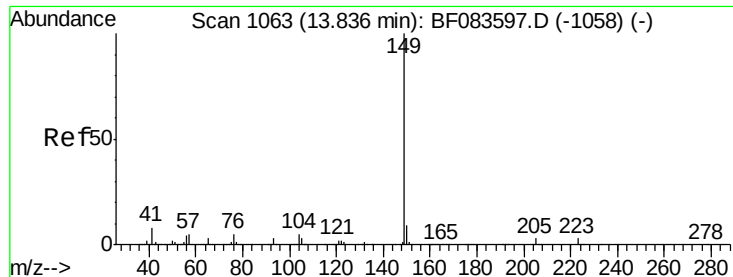
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 40.01 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

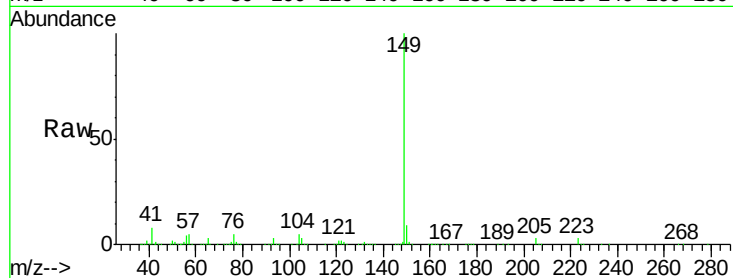
Tgt Ion:149 Resp: 1600307

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

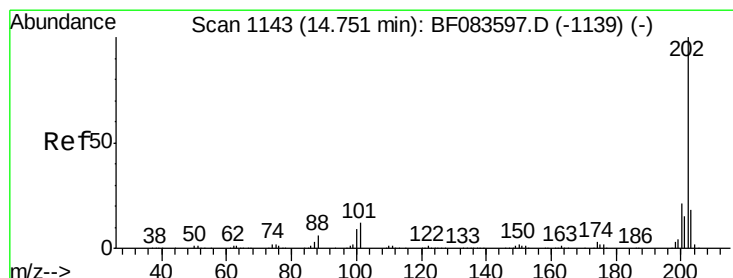
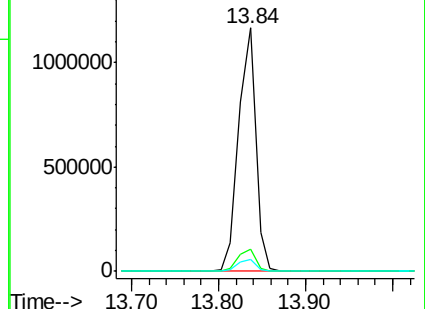
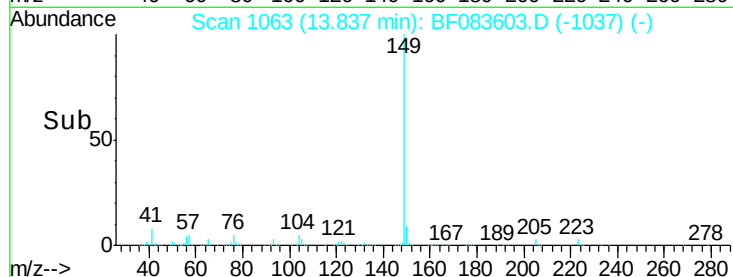
104 4.9 3.9 5.9



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: 39.50 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

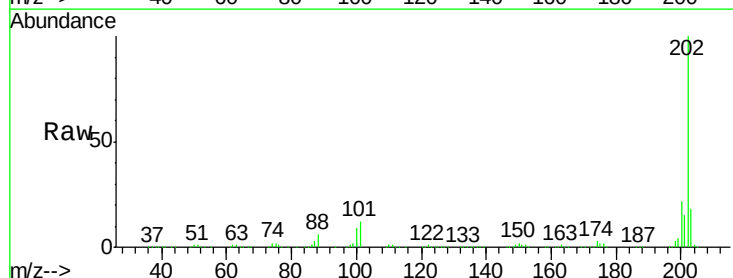
Tgt Ion:202 Resp: 1446514

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

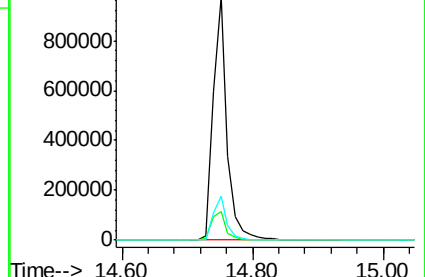
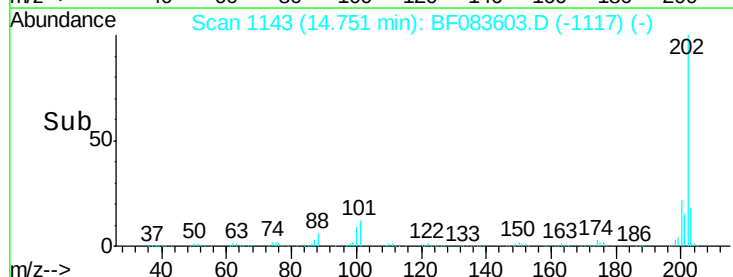
203 18.2 0.0 37.6

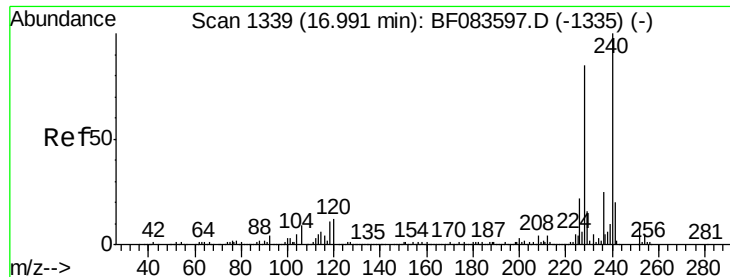


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

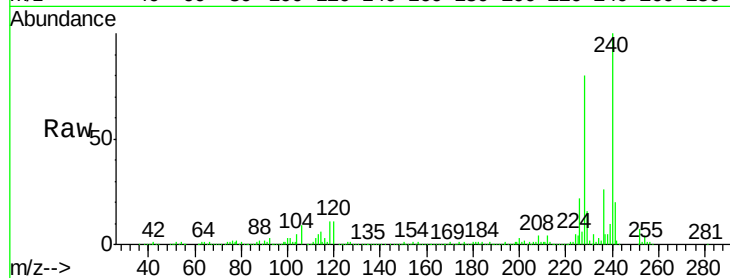
Tgt Ion:240 Resp: 515755

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

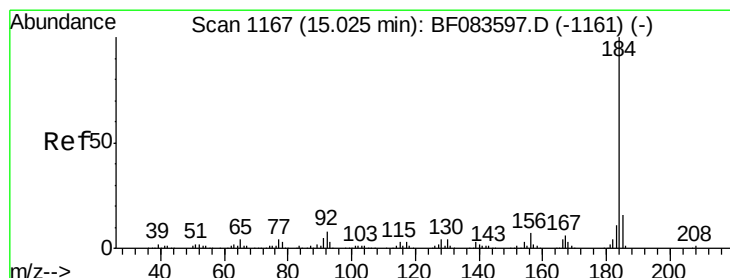
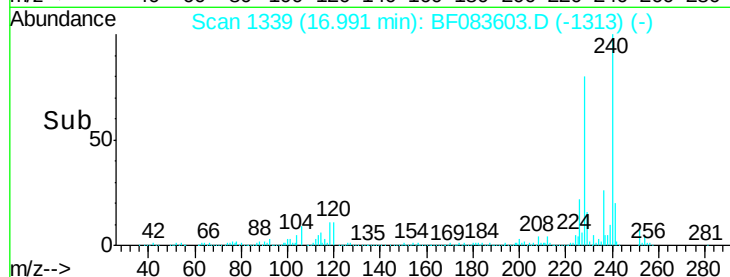
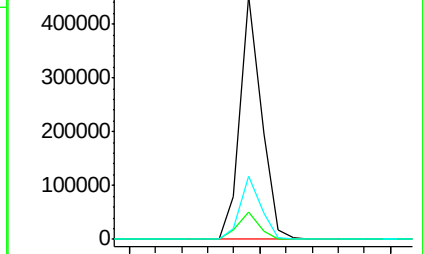
236 25.8 20.8 31.2



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: 25.33 ng

RT: 15.03 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

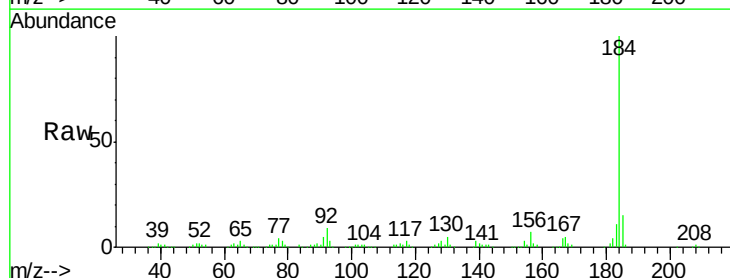
Tgt Ion:184 Resp: 406312

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

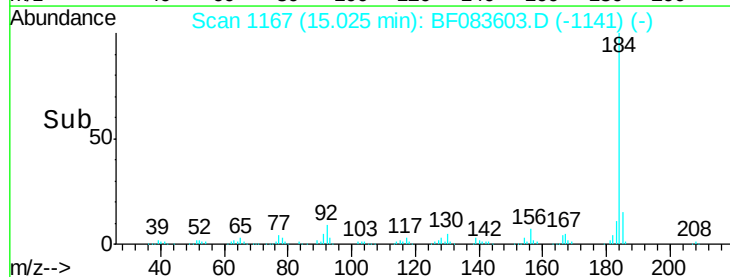
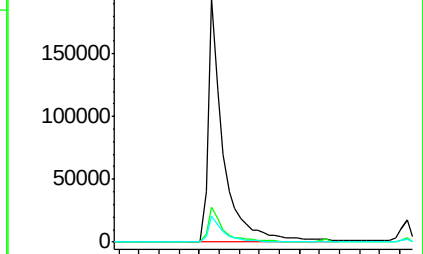
183 10.9 9.0 13.4

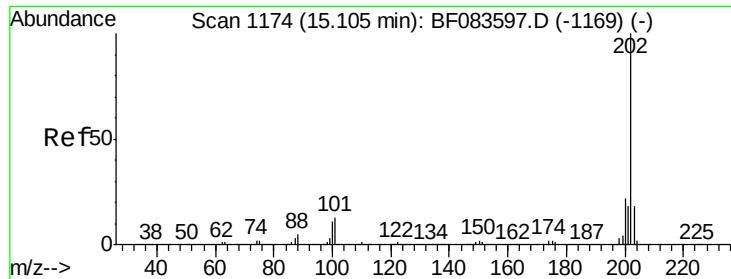


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

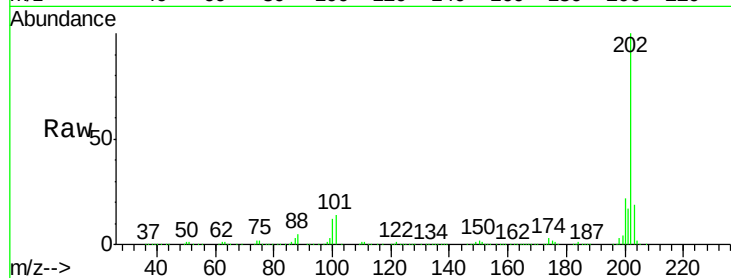




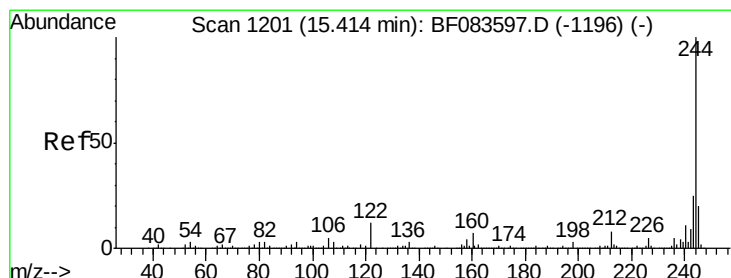
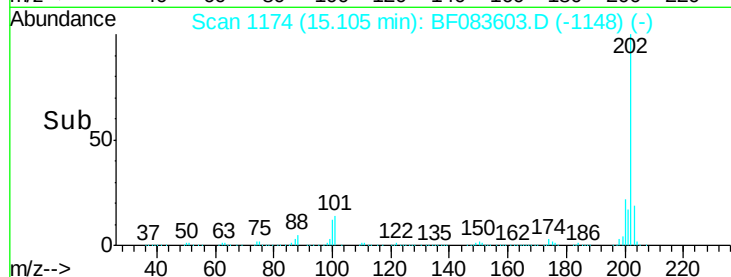
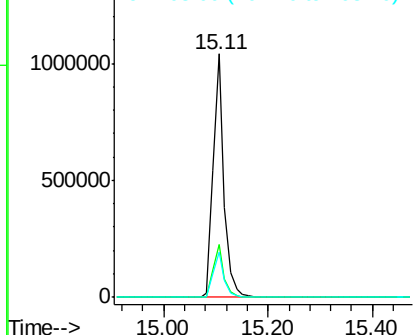
#77  
 Pyrene  
 Concen: 39.89 ng  
 RT: 15.11 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB86955BS

Tgt Ion: 202 Resp: 1481321  
 Ion Ratio Lower Upper  
 202 100  
 200 21.8 16.7 25.1  
 203 18.5 14.3 21.5

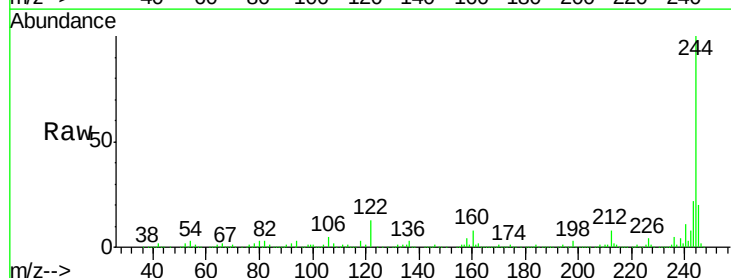


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

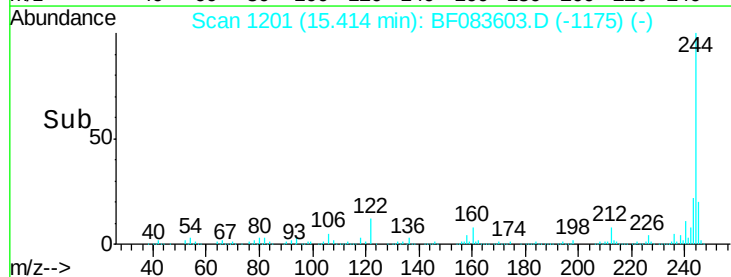
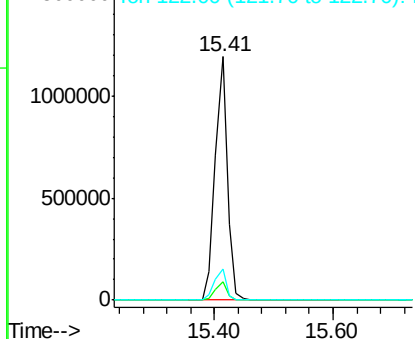


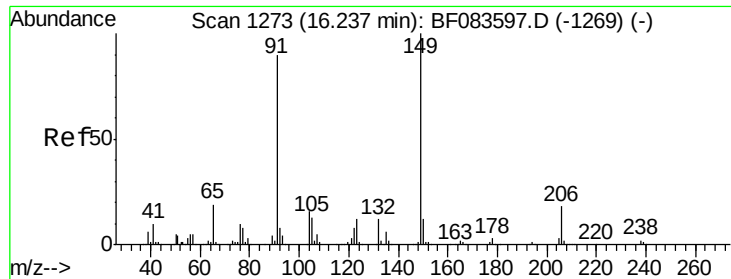
#78  
 Terphenyl-d14  
 Concen: 77.80 ng  
 RT: 15.41 min Scan# 1201  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion: 244 Resp: 1705411  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.1 9.1  
 122 12.6 11.0 16.6



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.71 ng

RT: 16.24 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

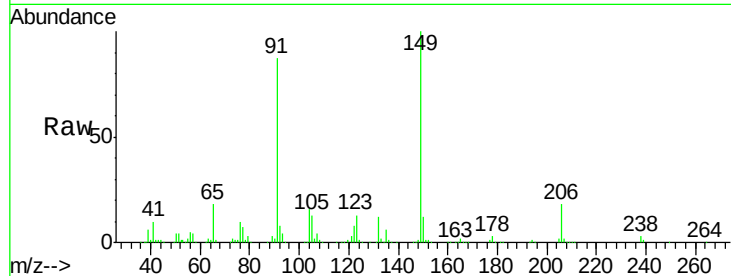
Tgt Ion:149 Resp: 671015

Ion Ratio Lower Upper

149 100

91 87.1 60.0 90.0

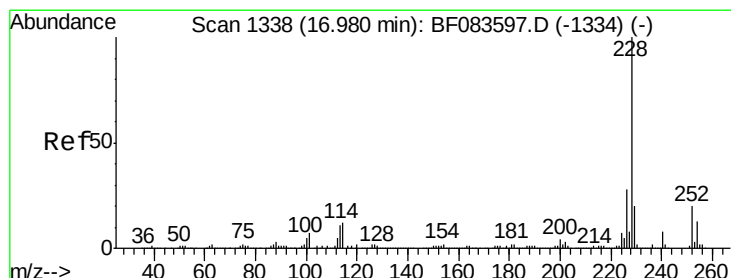
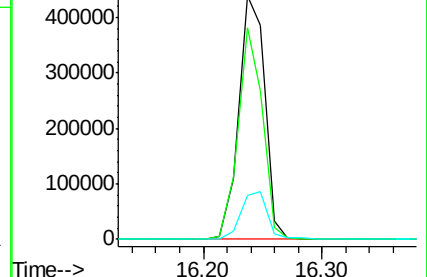
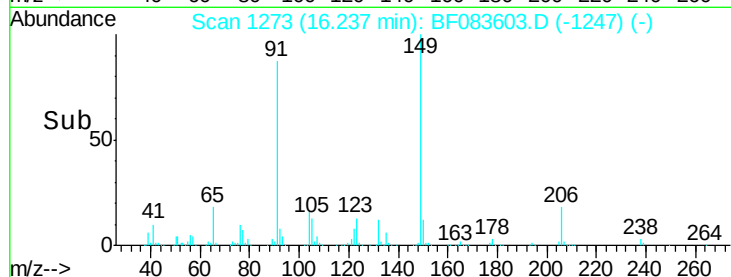
206 18.1 16.2 24.4



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: 38.20 ng

RT: 16.98 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

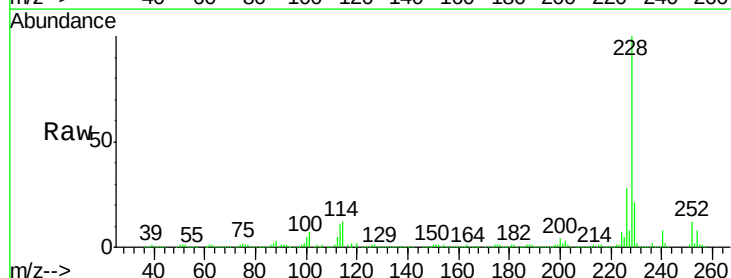
Tgt Ion:228 Resp: 1153039

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

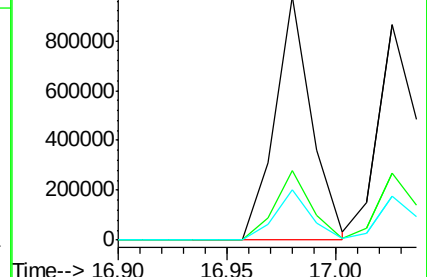
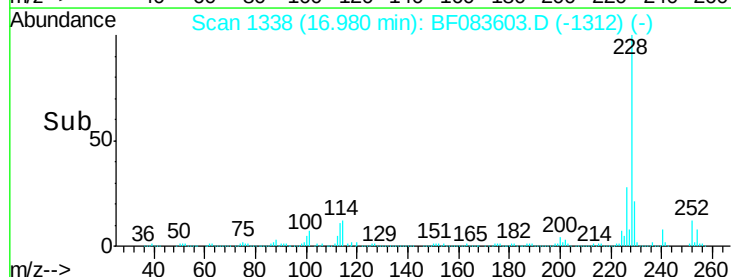
229 20.6 15.7 23.5

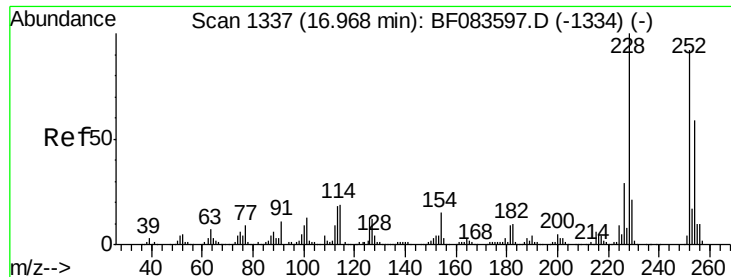


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

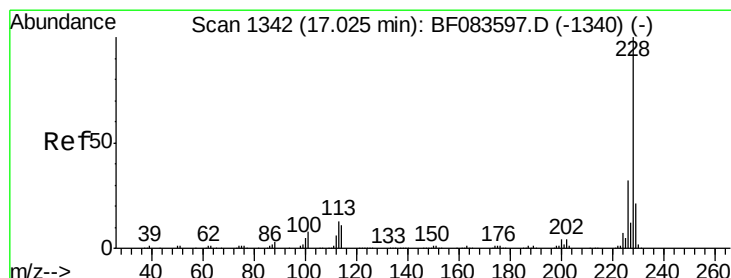
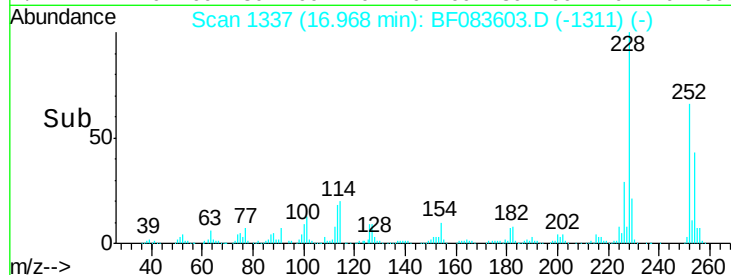
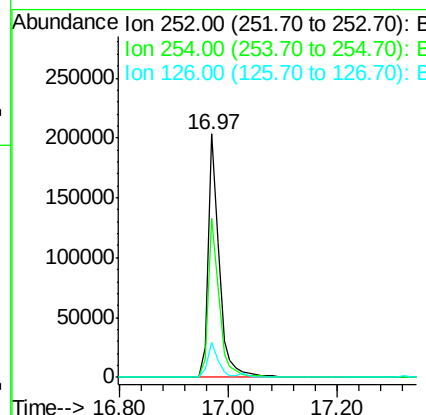
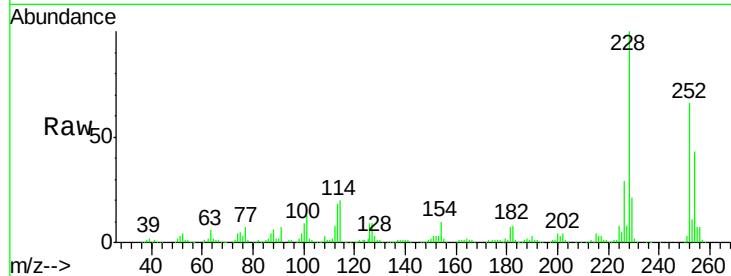




#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.74 ng  
 RT: 16.97 min Scan# 1337  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

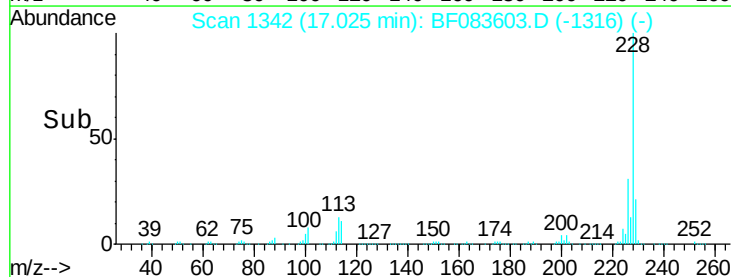
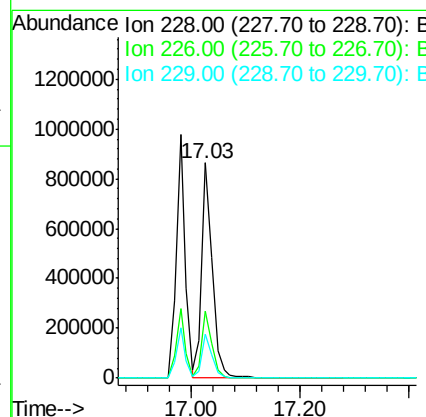
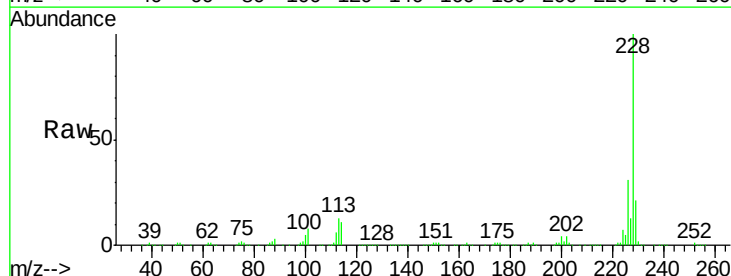
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB86955BS

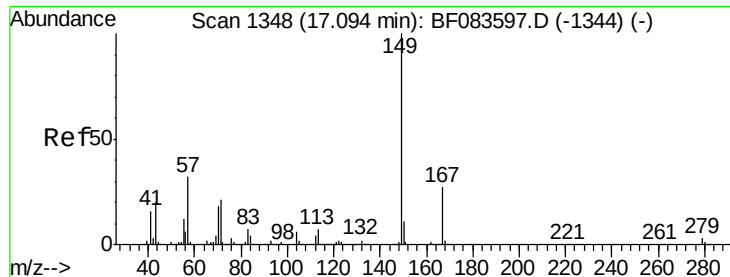
Tgt Ion:252 Resp: 282892  
 Ion Ratio Lower Upper  
 252 100  
 254 65.1 50.6 76.0  
 126 14.3 11.0 16.4



#82  
 Chrysene  
 Concen: 38.16 ng  
 RT: 17.03 min Scan# 1342  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Tgt Ion:228 Resp: 1154784  
 Ion Ratio Lower Upper  
 228 100  
 226 31.0 24.7 37.1  
 229 20.6 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.55 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

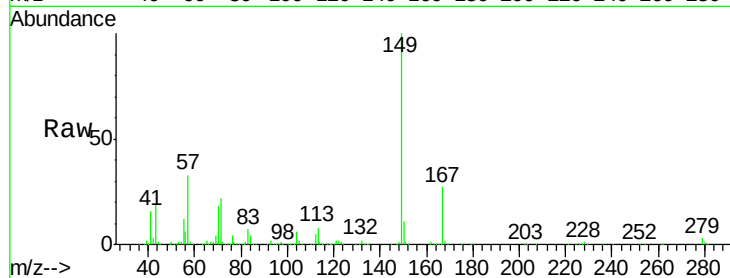
Tgt Ion:149 Resp: 927548

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

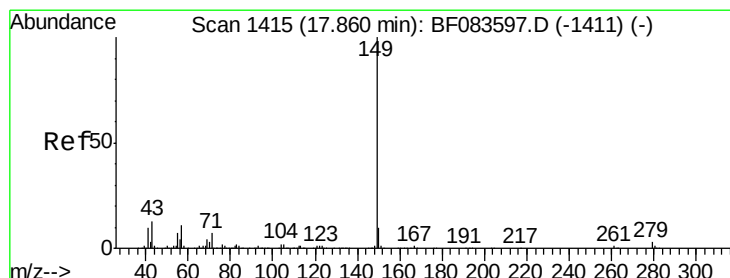
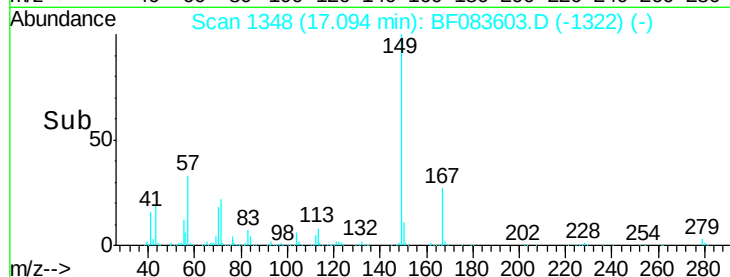
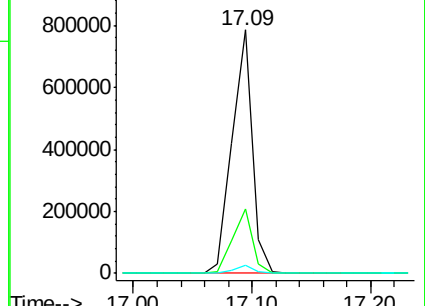
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.33 ng

RT: 17.86 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

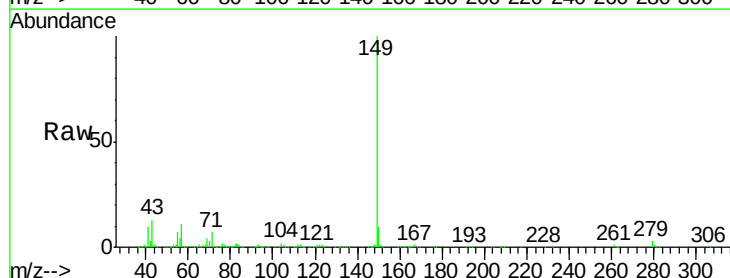
Tgt Ion:149 Resp: 1444604

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

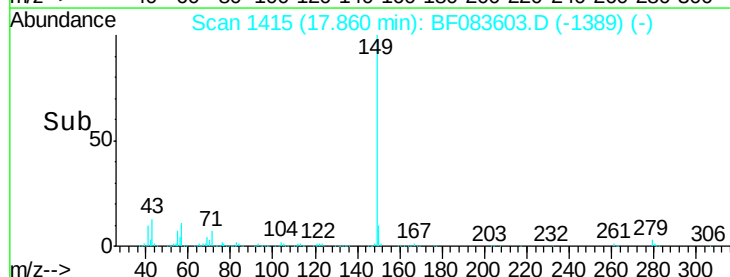
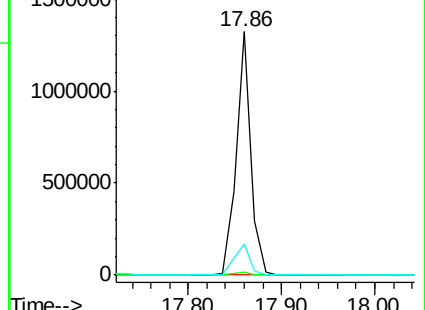
43 13.7 0.0 0.0#

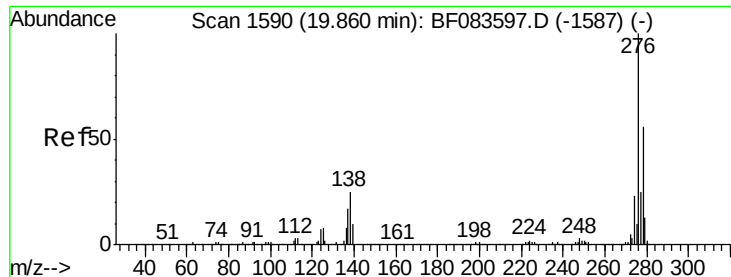


Abundance Ion 149.00 (148.70 to 149.70): E

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: 37.09 ng

RT: 19.86 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

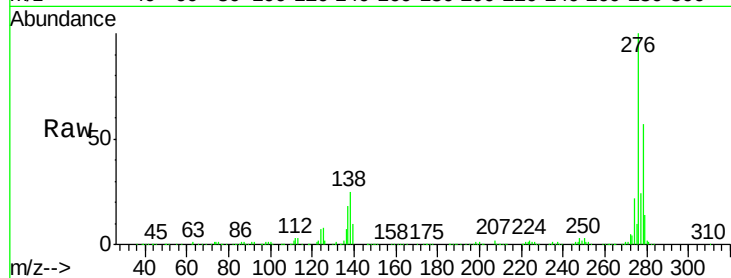
Tgt Ion:276 Resp: 757553

Ion Ratio Lower Upper

276 100

138 26.7 0.0 0.0#

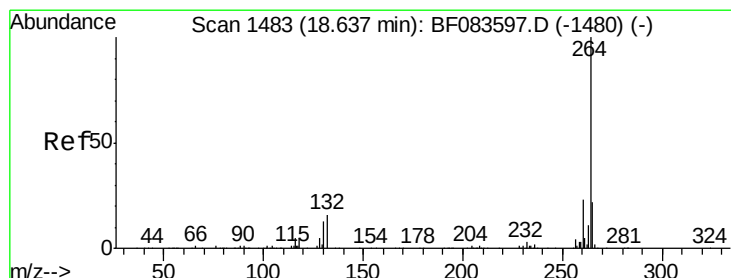
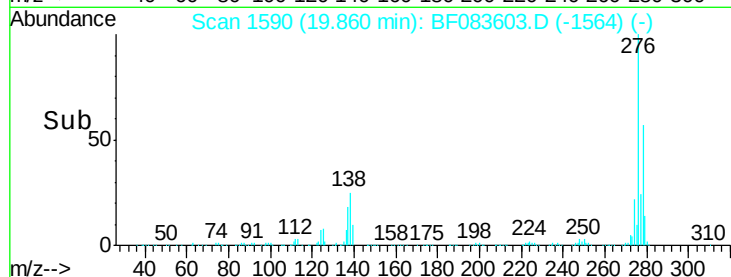
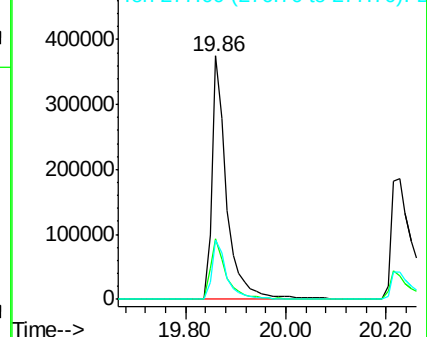
277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

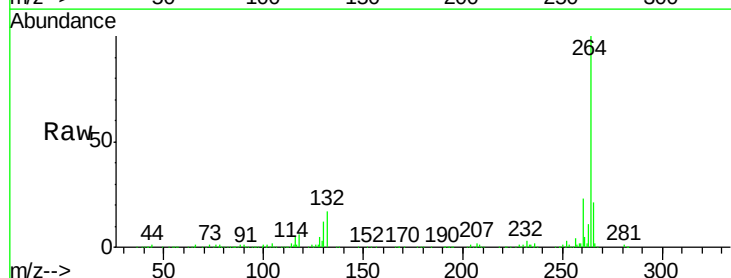
Tgt Ion:264 Resp: 387387

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

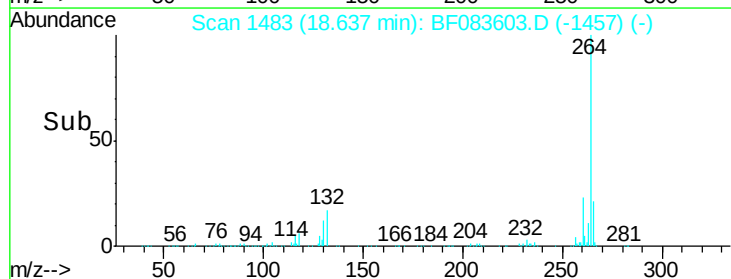
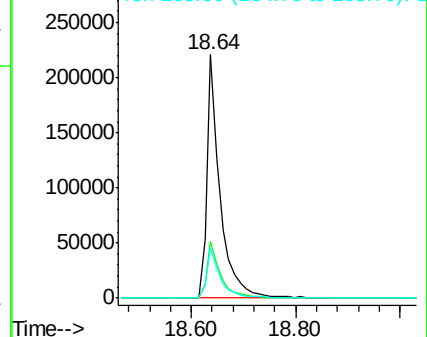
265 20.8 17.8 26.6

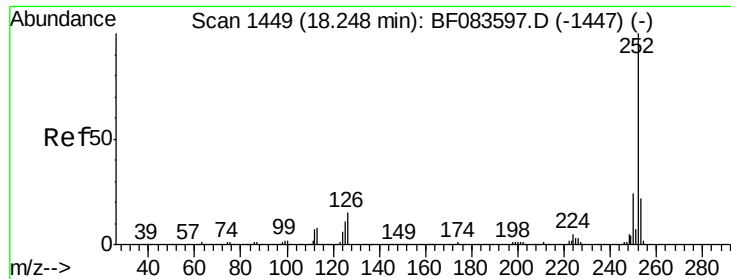


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

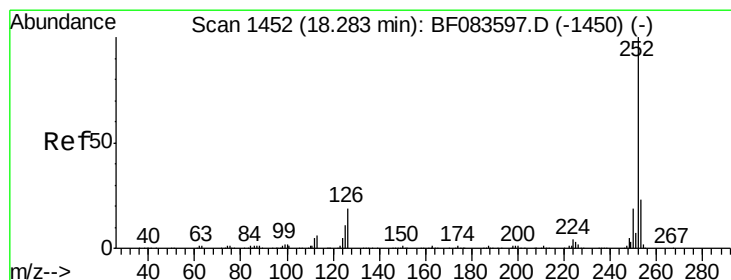
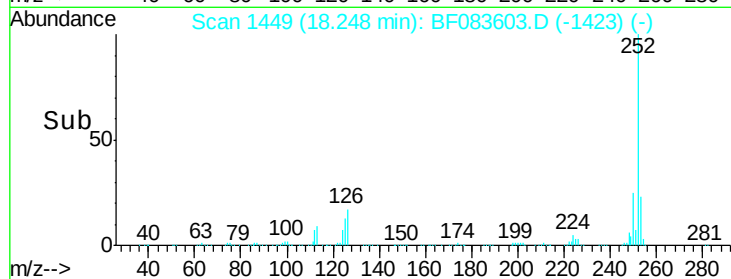
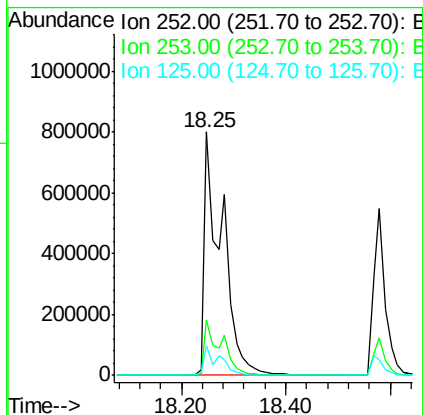
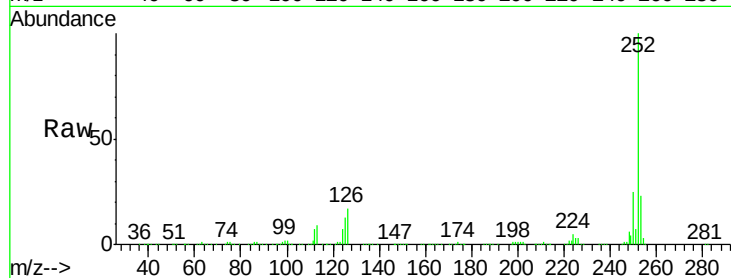




#87  
Benzo(b)fluoranthene  
Concen: 86.40 ng  
RT: 18.25 min Scan# 1449  
Delta R.T. 0.00 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

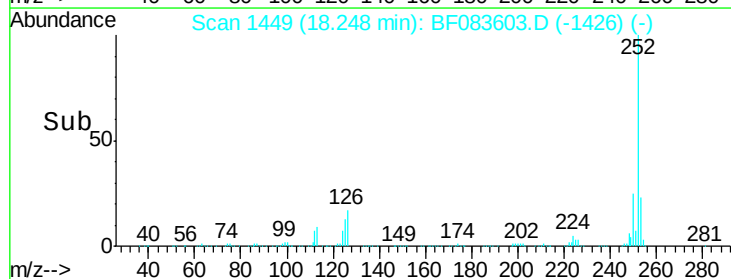
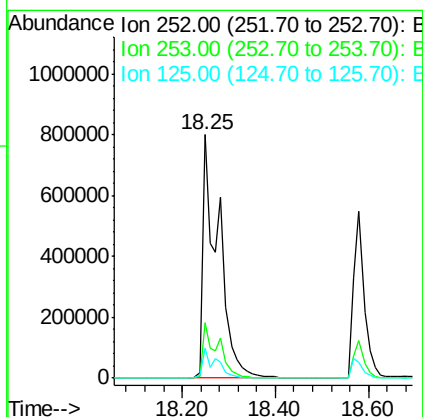
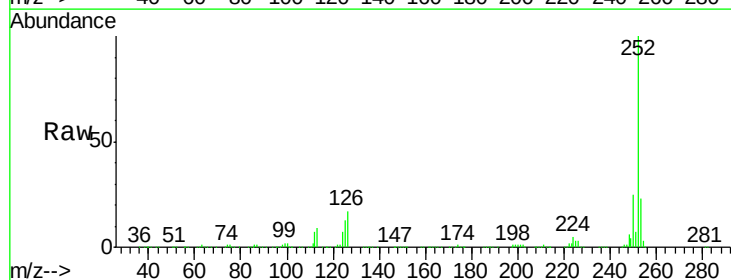
Instrument :  
BNA\_F  
ClientSampleId :  
PB86955BS

Tgt Ion:252 Resp: 1906033  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.2 27.4  
125 12.5 8.2 12.4#

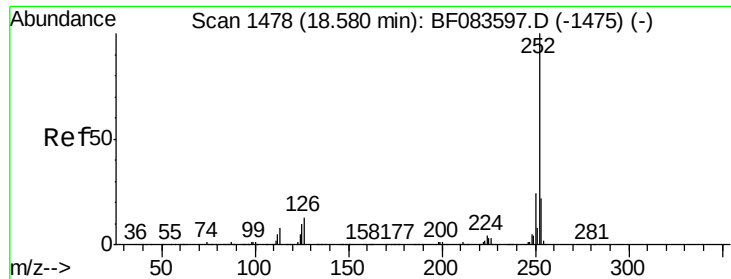


#88  
Benzo(k)fluoranthene  
Concen: 78.52 ng  
RT: 18.25 min Scan# 1449  
Delta R.T. -0.03 min  
Lab File: BF083603.D  
Acq: 8 Dec 2015 19:21

Tgt Ion:252 Resp: 1908617  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.6 27.8  
125 12.5 11.5 17.3







#89

Benzo(a)pyrene

Concen: 39.94 ng

RT: 18.58 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

Instrument :

BNA\_F

ClientSampleId :

PB86955BS

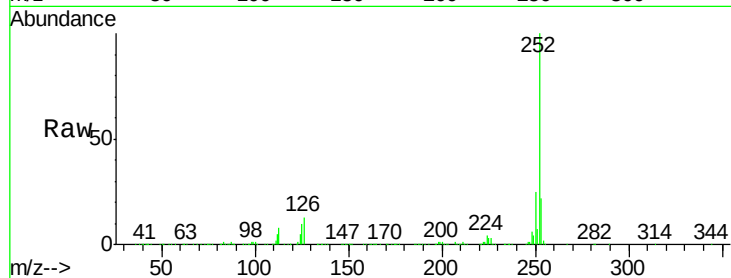
Tgt Ion:252 Resp: 859711

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

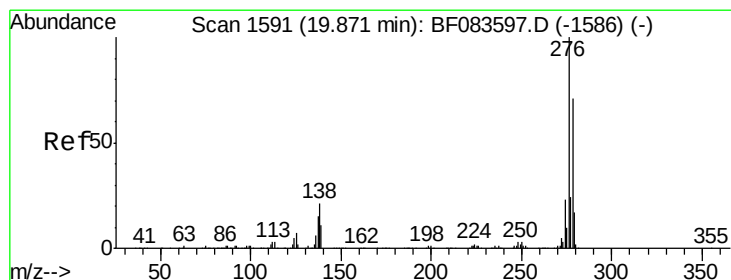
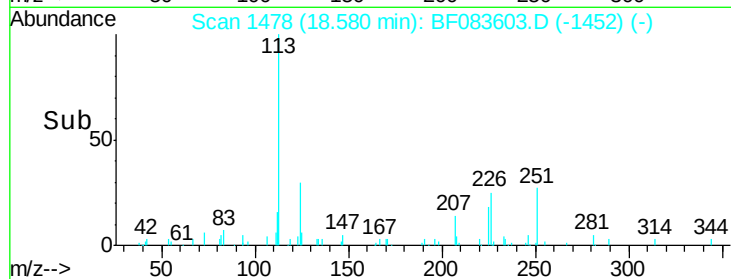
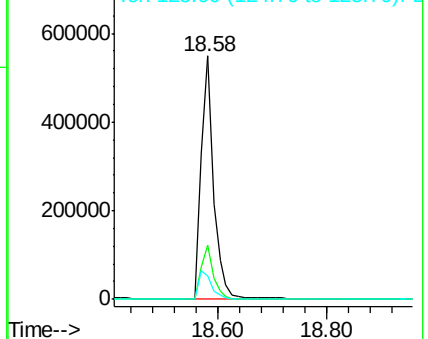
125 9.5 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.84 ng

RT: 19.86 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF083603.D

Acq: 8 Dec 2015 19:21

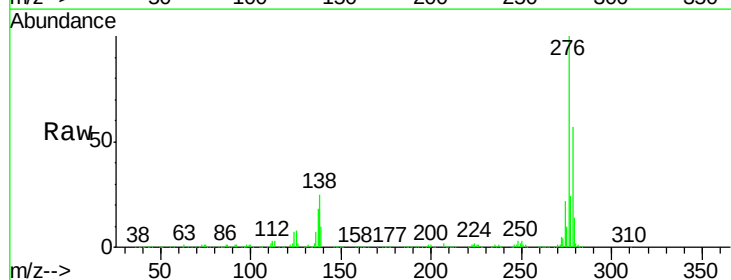
Tgt Ion:278 Resp: 655685

Ion Ratio Lower Upper

278 100

139 18.0 12.8 19.2

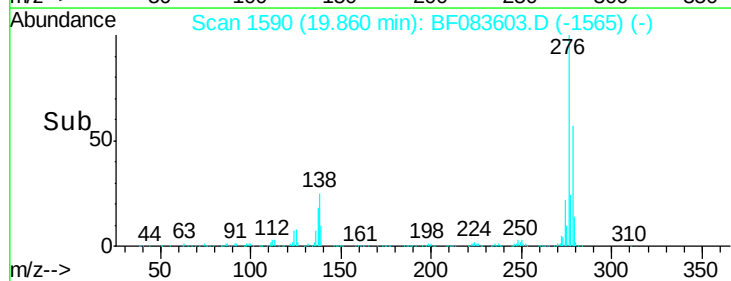
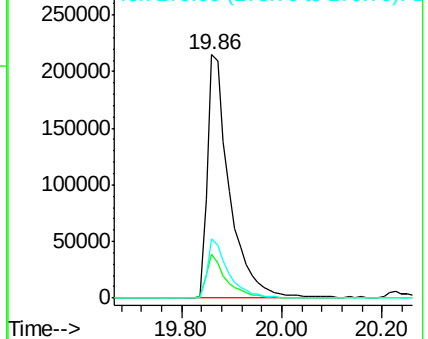
279 24.3 18.6 28.0

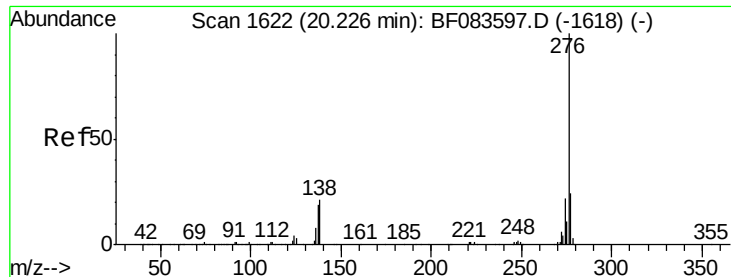


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.10 ng  
 RT: 20.23 min Scan# 1622  
 Delta R.T. 0.00 min  
 Lab File: BF083603.D  
 Acq: 8 Dec 2015 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86955BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 627387 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 22.6  | 19.2  | 28.8   |
| 138      | 19.9  | 19.5  | 29.3   |

