

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\  
 Data File : BF078149.D  
 Acq On : 1 Apr 2015 9:47  
 Operator : TP/IZ  
 Sample : G1711-02MSD  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Quant Time: Apr 01 13:05:53 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 31 14:58:34 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.05  | 152  | 39086    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.62  | 136  | 161222   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.78 | 164  | 80090    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 12.62 | 188  | 155958   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.89 | 240  | 149296m  | 20.00 | ng    | -0.09    |
| 86) Perylene-d12          | 17.62 | 264  | 148617m  | 20.00 | ng    | -0.29    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.33  | 112 | 203935 | 91.07  | ng | 0.00  |
| 7) Phenol-d6                | 6.64  | 99  | 308573 | 111.54 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.74  | 82  | 184577 | 75.05  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 11.77 | 330 | 44839  | 58.51  | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.97  | 172 | 391845 | 71.90  | ng | 0.00  |
| 78) Terphenyl-d14           | 14.61 | 244 | 407041 | 66.60  | ng | -0.02 |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 1.90 | 88  | 30030  | 29.54 | ng | # 100  |
| 3) Pyridine                    | 2.56 | 79  | 86742  | 31.75 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 2.50 | 42  | 39811  | 33.47 | ng | 99     |
| 6) Aniline                     | 6.64 | 93  | 56116  | 14.18 | ng | # 66   |
| 8) 2-Chlorophenol              | 6.78 | 128 | 92191  | 34.59 | ng | 92     |
| 9) Benzaldehyde                | 6.50 | 77  | 3132   | 2.76  | ng | # 79   |
| 10) Phenol                     | 6.65 | 94  | 124589 | 38.10 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.74 | 93  | 88013  | 35.93 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.97 | 146 | 101379 | 34.20 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.07 | 146 | 102452 | 33.26 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.25 | 146 | 96151  | 34.05 | ng | 98     |
| 15) Benzyl Alcohol             | 7.24 | 79  | 78944  | 36.56 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.41 | 45  | 119802 | 36.29 | ng | 100    |
| 17) 2-Methylphenol             | 7.40 | 107 | 74926  | 34.53 | ng | 96     |
| 18) Hexachloroethane           | 7.66 | 117 | 34080  | 33.73 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 7.57 | 70  | 68740  | 35.92 | ng | # 95   |
| 20) 3+4-Methylphenols          | 7.60 | 107 | 103562 | 36.37 | ng | 98     |
| 22) Acetophenone               | 7.56 | 105 | 133347 | 37.36 | ng | # 92   |
| 24) Nitrobenzene               | 7.77 | 77  | 97357  | 36.74 | ng | # 84   |
| 25) Isophorone                 | 8.06 | 82  | 176912 | 35.62 | ng | 95     |
| 26) 2-Nitrophenol              | 8.16 | 139 | 39194  | 30.21 | ng | # 84   |
| 27) 2,4-Dimethylphenol         | 8.24 | 122 | 82994  | 35.12 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 8.35 | 93  | 110577 | 36.68 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.46 | 162 | 77174  | 34.26 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.56 | 180 | 85669  | 33.99 | ng | 99     |
| 31) Naphthalene                | 8.65 | 128 | 291015 | 35.15 | ng | 99     |
| 32) Benzoic acid               | 8.33 | 122 | 865    | 3.71  | ng | # 84   |
| 33) 4-Chloroaniline            | 8.73 | 127 | 58511  | 17.41 | ng | # 92   |
| 34) Hexachlorobutadiene        | 8.81 | 225 | 48667  | 34.07 | ng | 99     |
| 35) Caprolactam                | 9.14 | 113 | 24780  | 37.64 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 9.36 | 107 | 82839  | 36.55 | ng | 100    |
| 37) 2-Methylnaphthalene        | 9.50 | 142 | 208219 | 37.43 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.71 | 216 | 85488  | 35.79 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.70 | 237 | 58410  | 50.08 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\  
 Data File : BF078149.D  
 Acq On : 1 Apr 2015 9:47  
 Operator : TP/IZ  
 Sample : G1711-02MSD  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

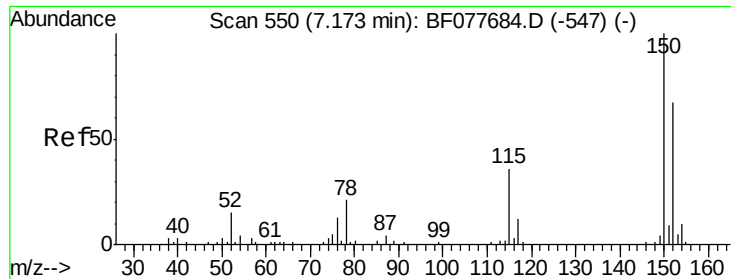
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Quant Time: Apr 01 13:05:53 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 31 14:58:34 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.87  | 196  | 32996    | 19.94 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.92  | 196  | 51293    | 28.69 | nq    | # 93     |
| 45) 1,1'-Biphenyl              | 10.09 | 154  | 236491   | 36.94 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 10.11 | 162  | 184170   | 35.40 | nq    | 98       |
| 47) 2-Nitroaniline             | 10.25 | 65   | 49917    | 38.63 | nq    | 85       |
| 48) Acenaphthylene             | 10.61 | 152  | 292076   | 33.76 | nq    | 100      |
| 49) Dimethylphthalate          | 10.49 | 163  | 278329   | 46.86 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.56 | 165  | 47171    | 38.31 | nq    | # 85     |
| 51) Acenaphthene               | 10.83 | 154  | 171700   | 34.61 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.75 | 138  | 42939    | 30.03 | nq    | # 71     |
| 53) 2,4-Dinitrophenol          | 10.90 | 184  | 1497     | 11.03 | nq    | # 83     |
| 54) Dibenzofuran               | 11.05 | 168  | 261234   | 35.51 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.99 | 139  | 31496    | 29.73 | nq    | # 75     |
| 56) 2,4-Dinitrotoluene         | 11.05 | 165  | 61121    | 38.07 | nq    | # 77     |
| 57) Fluorene                   | 11.47 | 166  | 210987   | 34.54 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.21 | 232  | 20714    | 15.05 | nq    | # 100    |
| 59) Diethylphthalate           | 11.36 | 149  | 207041   | 35.77 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.48 | 204  | 97995    | 35.15 | nq    | 96       |
| 61) 4-Nitroaniline             | 11.50 | 138  | 46551    | 32.66 | nq    | 77       |
| 62) Azobenzene                 | 11.68 | 77   | 261190   | 47.22 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.55 | 198  | 4129     | 9.40  | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 11.63 | 169  | 187551   | 36.12 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 57269    | 34.41 | nq    | 95       |
| 67) Hexachlorobenzene          | 12.13 | 284  | 59631    | 32.61 | nq    | # 76     |
| 68) Atrazine                   | 12.30 | 200  | 56083    | 38.54 | nq    | 94       |
| 69) Pentachlorophenol          | 12.40 | 266  | 20132    | 23.29 | nq    | 98       |
| 70) Phenanthrene               | 12.65 | 178  | 308468   | 34.45 | nq    | 99       |
| 71) Anthracene                 | 12.72 | 178  | 314488   | 35.55 | nq    | 99       |
| 72) Carbazole                  | 12.92 | 167  | 288745   | 34.32 | nq    | 100      |
| 73) Di-n-butylphthalate        | 13.39 | 149  | 347912   | 36.88 | nq    | 97       |
| 74) Fluoranthene               | 14.12 | 202  | 347821   | 35.22 | nq    | 98       |
| 76) Benzidine                  | 14.32 | 184  | 140899   | 38.13 | nq    | 98       |
| 77) Pyrene                     | 14.40 | 202  | 348216   | 37.09 | nq    | 98       |
| 79) Butylbenzylphthalate       | 15.24 | 149  | 153346   | 41.43 | nq    | 98       |
| 80) Benzo(a)anthracene         | 15.88 | 228  | 312758m  | 35.34 | nq    |          |
| 81) 3,3'-Dichlorobenzidine     | 15.87 | 252  | 89804m   | 30.76 | nq    |          |
| 82) Chrysene                   | 15.93 | 228  | 301767   | 37.92 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 15.96 | 149  | 222580m  | 39.70 | nq    |          |
| 84) Di-n-octyl phthalate       | 16.75 | 149  | 382748m  | 39.92 | nq    |          |
| 85) Indeno(1,2,3-cd)pyrene     | 19.35 | 276  | 290924   | 29.29 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 17.19 | 252  | 317502m  | 32.72 | nq    |          |
| 88) Benzo(k)fluoranthene       | 17.21 | 252  | 289278m  | 38.17 | nq    |          |
| 89) Benzo(a)pyrene             | 17.56 | 252  | 297475m  | 36.75 | nq    |          |
| 90) Dibenzo(a,h)anthracene     | 18.98 | 278  | 275825m  | 34.35 | nq    |          |
| 91) Benzo(g,h,i)perylene       | 19.35 | 276  | 285876m  | 34.97 | nq    |          |

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



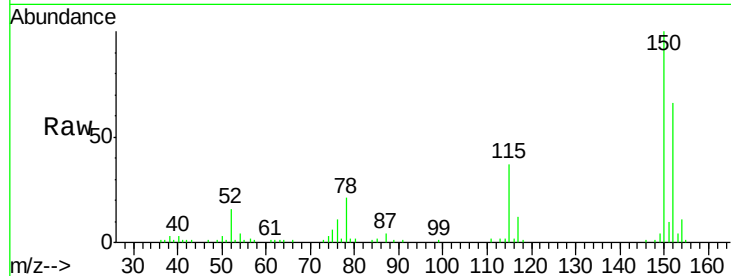


#1

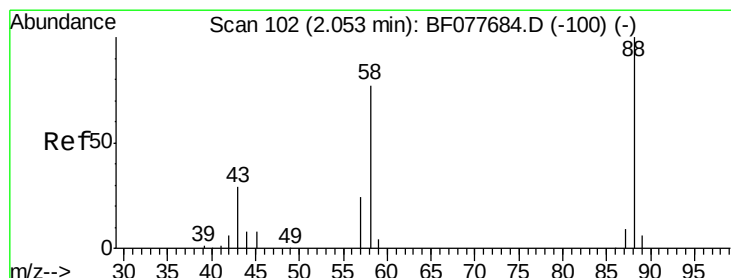
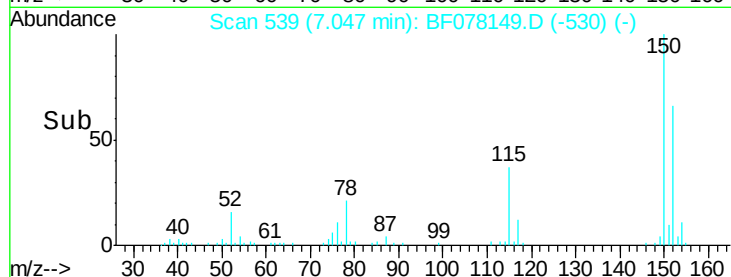
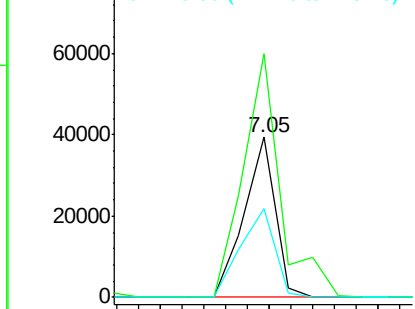
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.05 min Scan# 539  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

Tot Ion:152 Resp: 39086  
Ion Ratio Lower Upper  
152 100  
150 152.1 119.5 179.3  
115 55.6 43.0 64.4



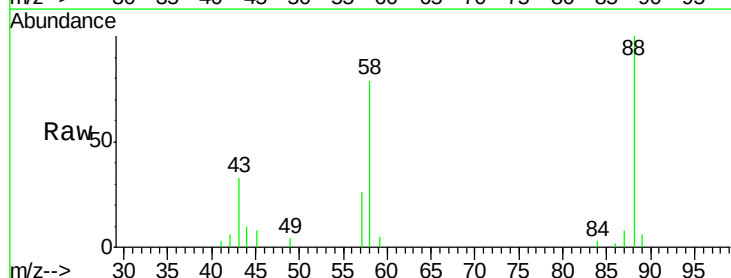
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



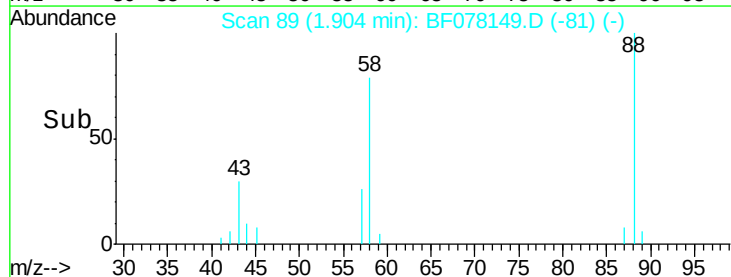
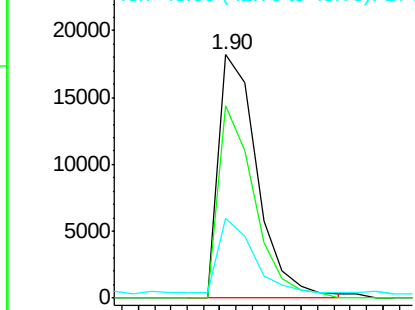
#2

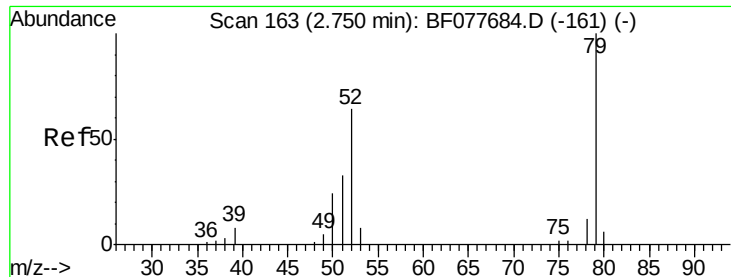
1,4-Dioxane  
Concen: 29.54 ng  
RT: 1.90 min Scan# 89  
Delta R.T. -0.01 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion: 88 Resp: 30030  
Ion Ratio Lower Upper  
88 100  
58 73.3 0.0 0.0#  
43 28.5 0.0 0.0#



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

Pvridine

Concen: 31.75 ng

RT: 2.56 min Scan# 146

Delta R.T. -0.03 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

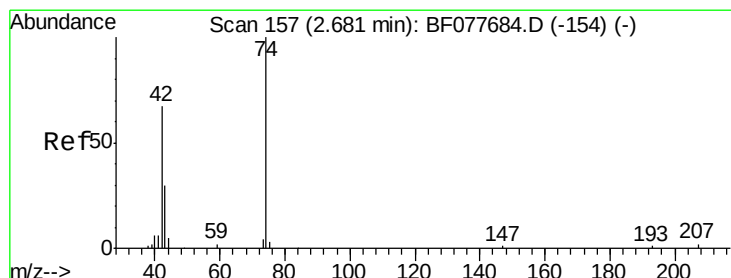
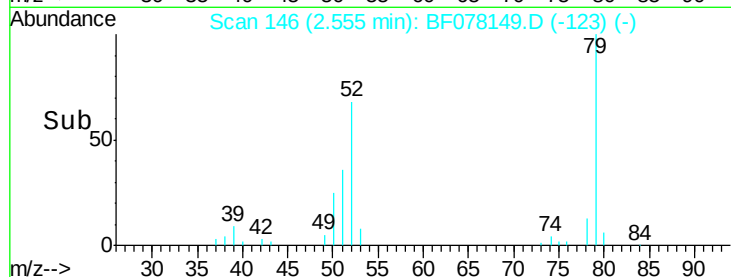
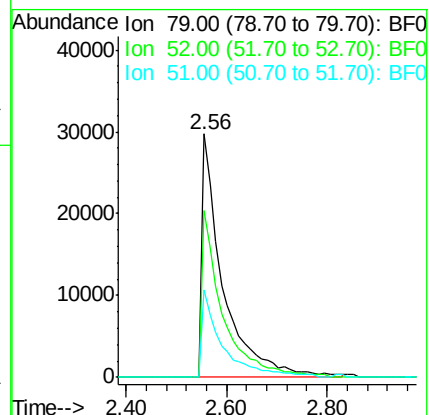
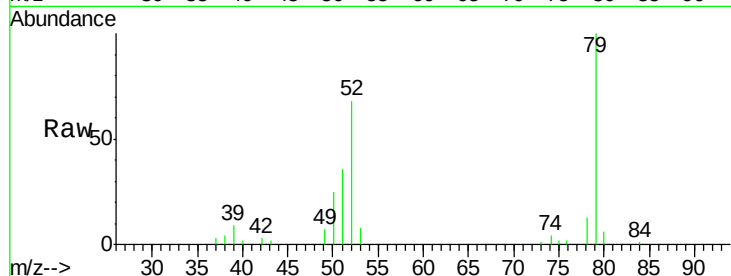
Tot Ion: 79 Resp: 86742

Ion Ratio Lower Upper

79 100

52 68.5 51.1 76.7

51 35.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 33.47 ng

RT: 2.50 min Scan# 141

Delta R.T. -0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

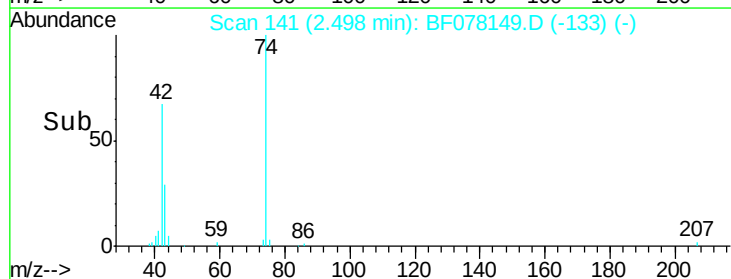
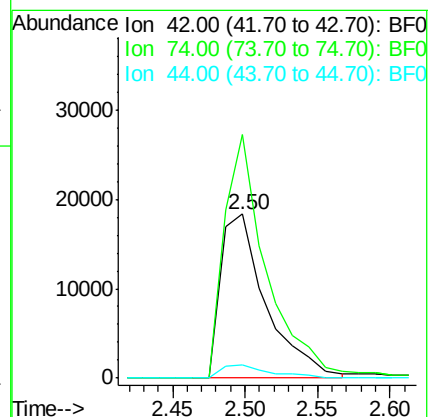
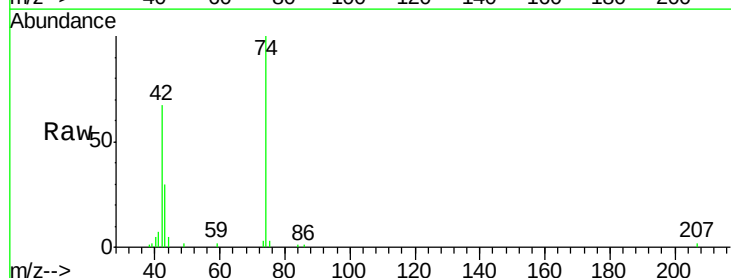
Tgt Ion: 42 Resp: 39811

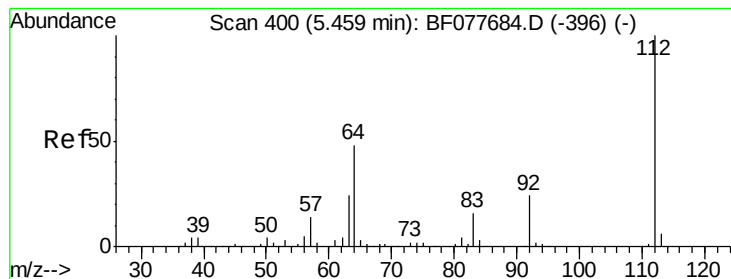
Ion Ratio Lower Upper

42 100

74 148.4 119.3 178.9

44 8.0 5.4 8.2





#5

2-Fluorophenol

Concen: 91.07 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

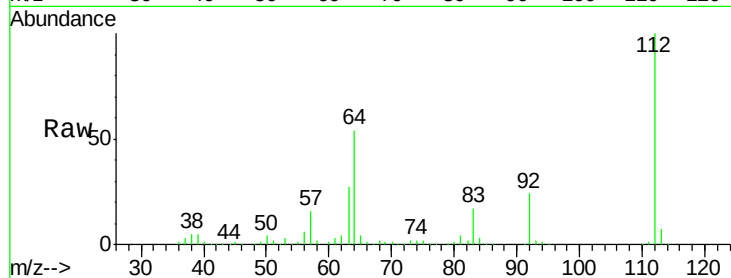
Tot Ion: 112 Resp: 203935

Ion Ratio Lower Upper

112 100

64 53.8 38.6 57.8

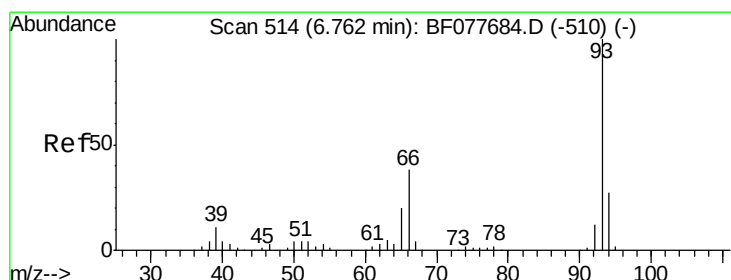
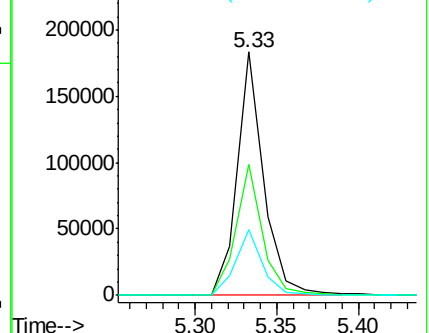
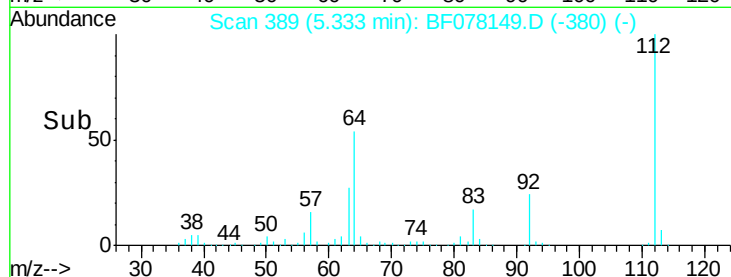
63 26.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.18 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

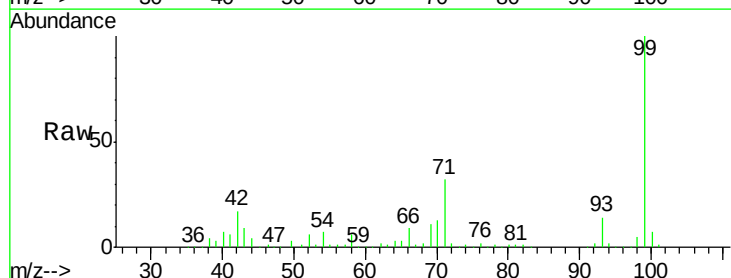
Tgt Ion: 93 Resp: 56116

Ion Ratio Lower Upper

93 100

66 66.9 30.8 46.2#

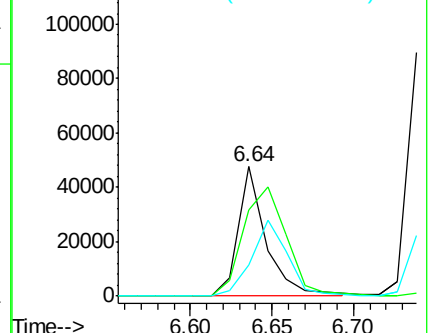
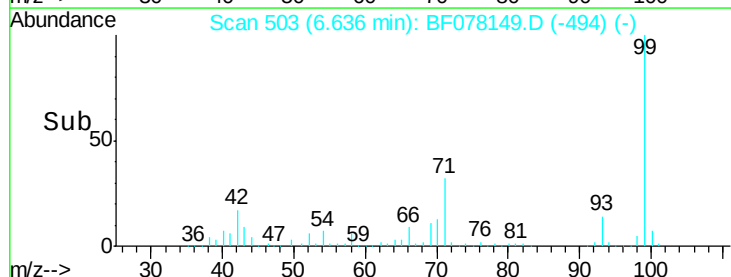
65 24.2 16.0 24.0#

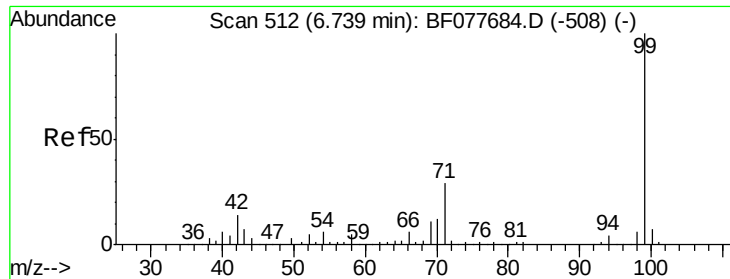


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.54 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

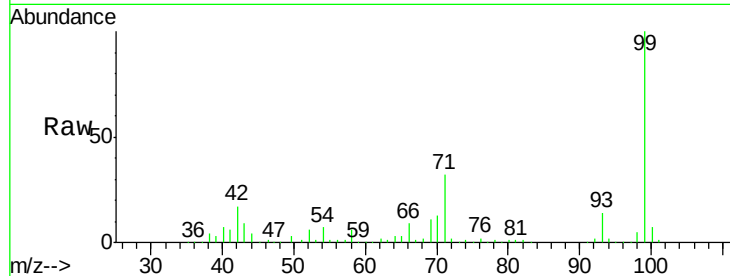
Tot Ion: 99 Resp: 308573

Ion Ratio Lower Upper

99 100

42 16.7 11.0 16.4#

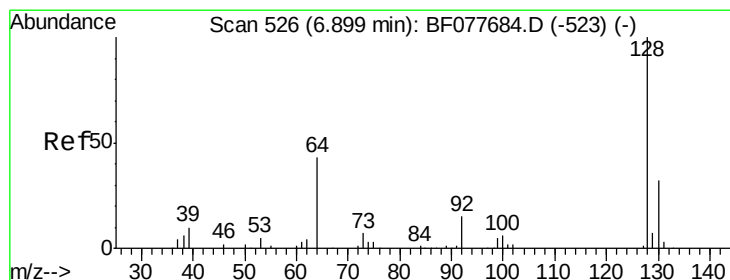
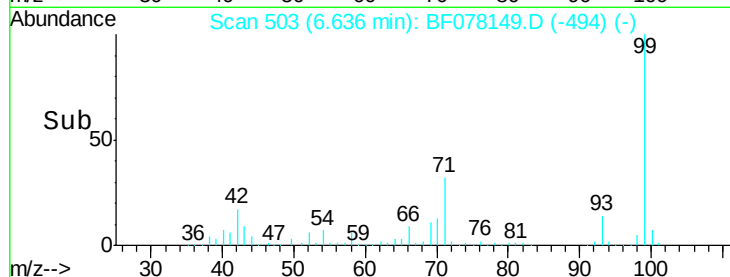
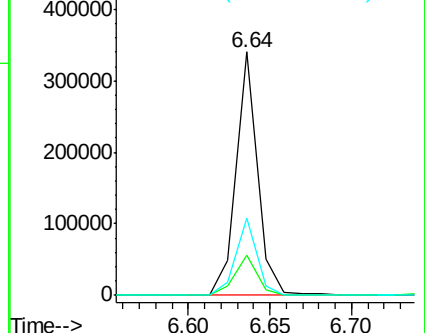
71 31.6 23.4 35.2



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: 34.59 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

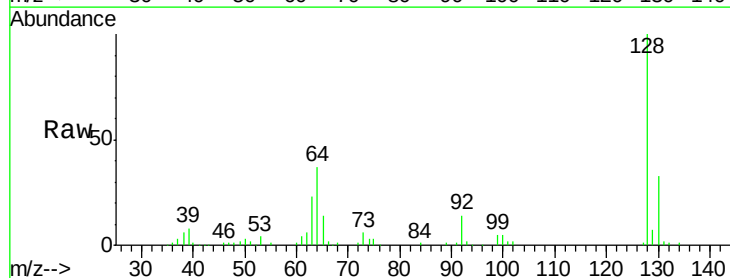
Tgt Ion:128 Resp: 92191

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

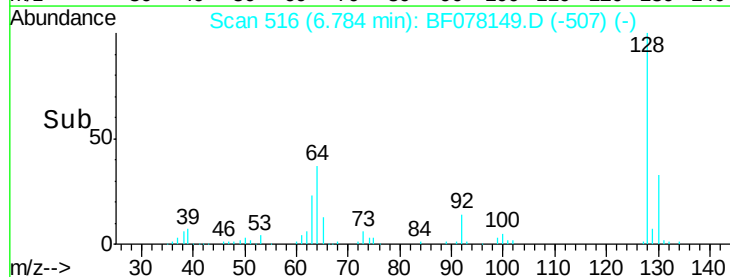
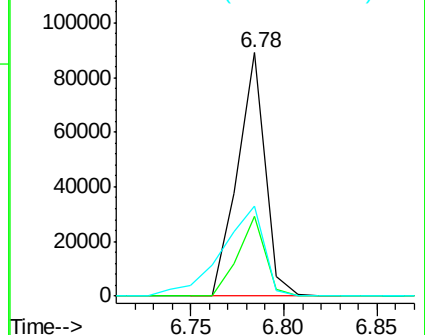
64 37.0 24.9 64.9



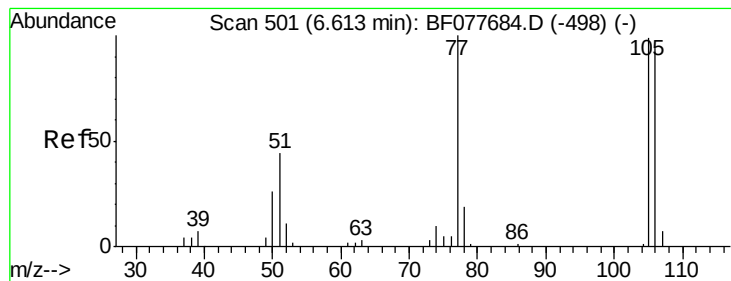
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 2.76 ng

RT: 6.50 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

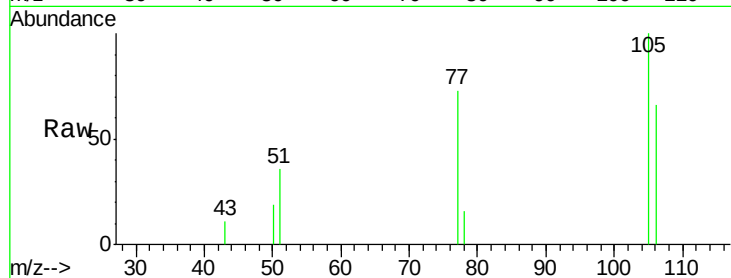
Tot Ion: 77 Resp: 3132

Ion Ratio Lower Upper

77 100

105 137.1 78.8 118.8#

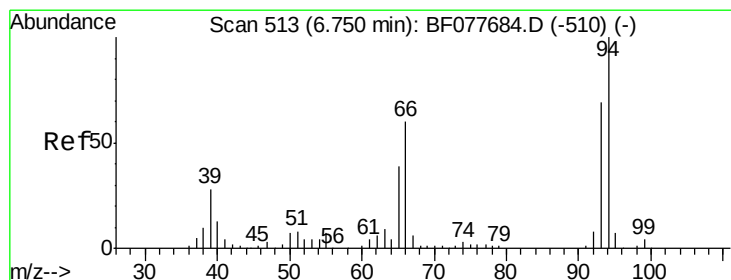
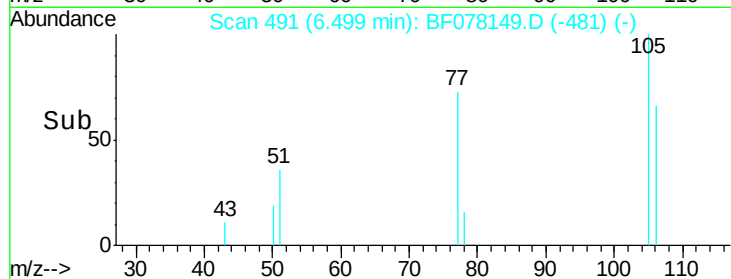
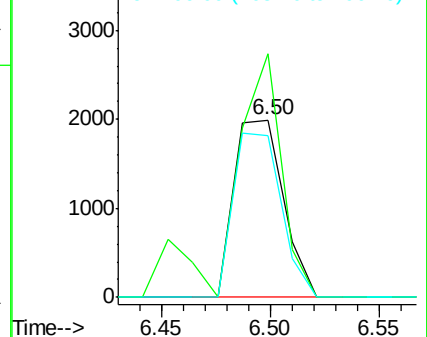
106 91.0 73.7 113.7



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: 38.10 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

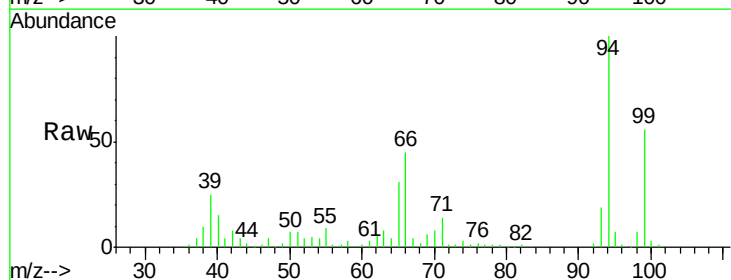
Tgt Ion: 94 Resp: 124589

Ion Ratio Lower Upper

94 100

65 31.1 18.8 58.8

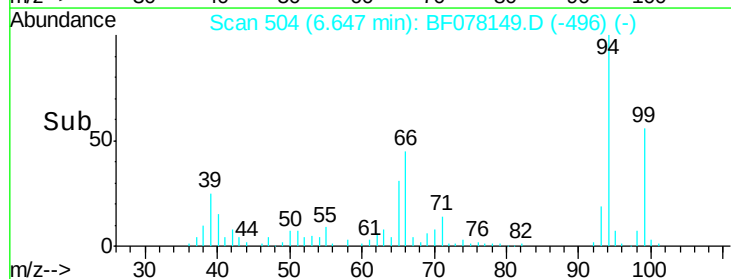
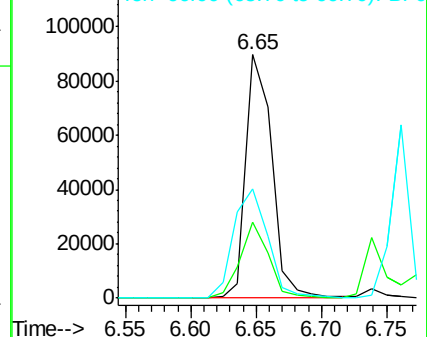
66 44.9 39.9 79.9



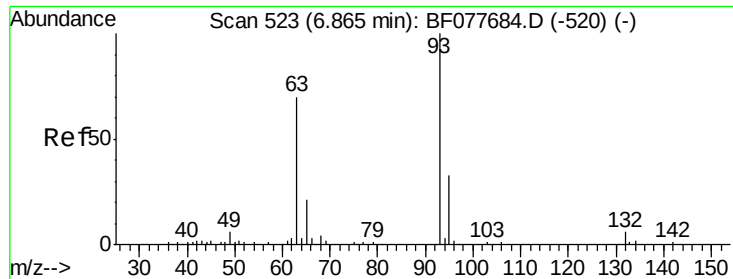
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



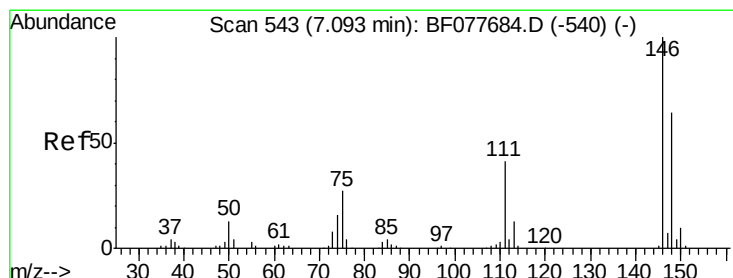
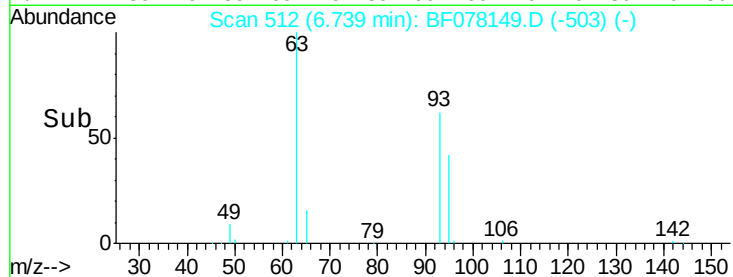
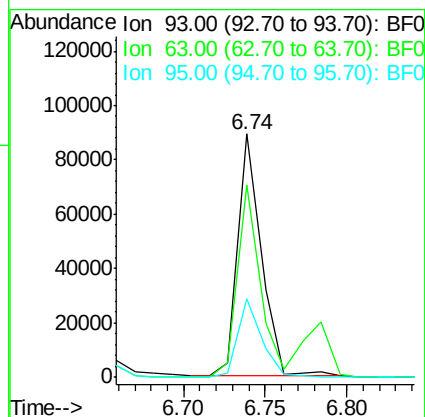
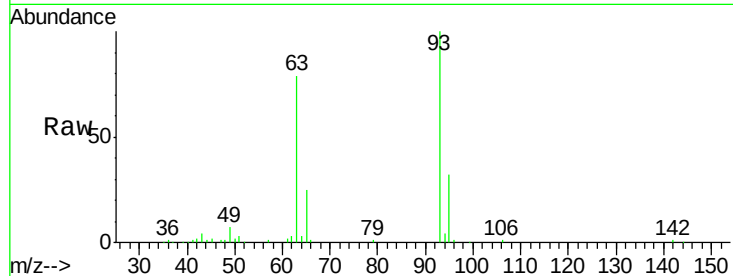




#11  
bis(2-Chloroethyl)ether  
Concen: 35.93 ng  
RT: 6.74 min Scan# 512  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

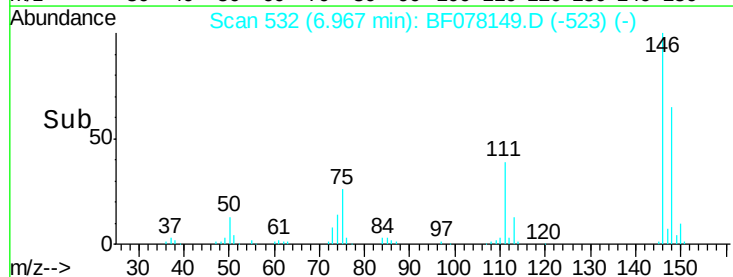
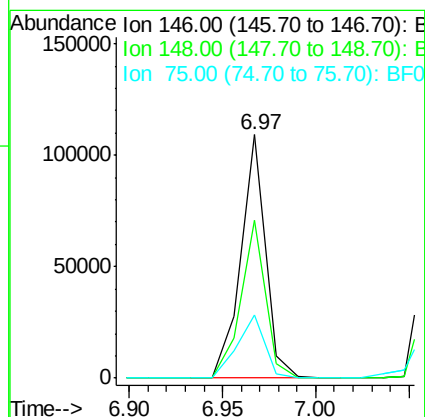
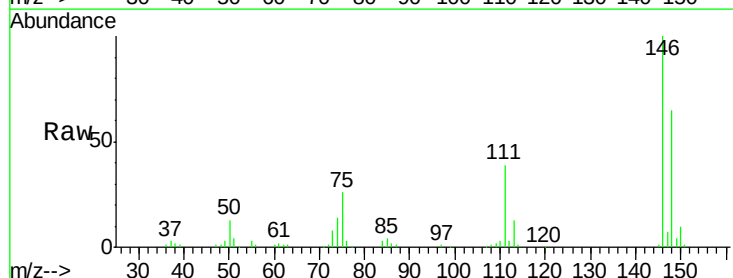
Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

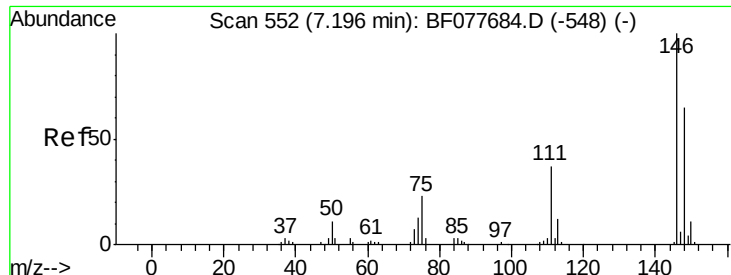
Tot Ion: 93 Resp: 88013  
Ion Ratio Lower Upper  
93 100  
63 78.9 49.5 89.5  
95 32.2 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 34.20 ng  
RT: 6.97 min Scan# 532  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion: 146 Resp: 101379  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.9 76.3  
75 26.1 21.4 32.2

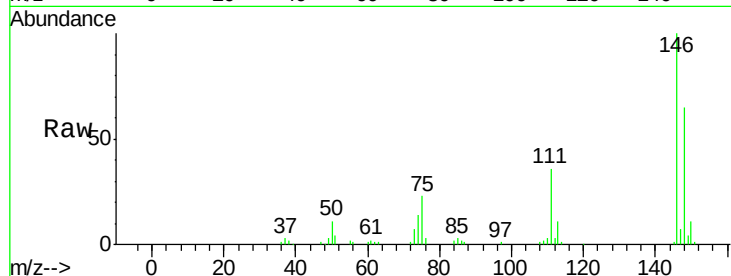




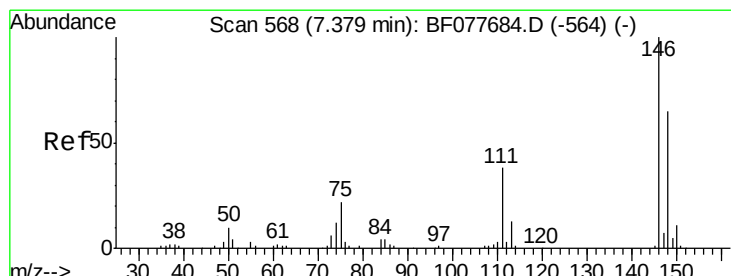
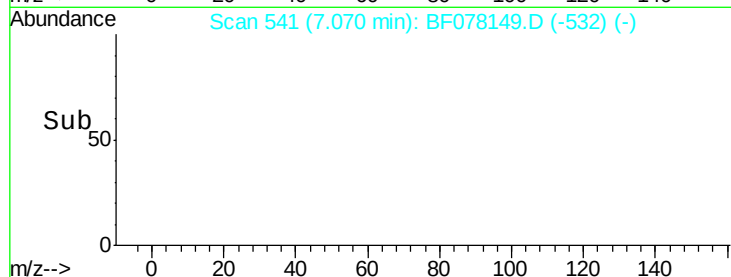
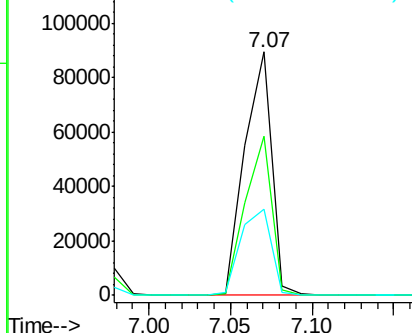
#13  
 1,4-Dichlorobenzene  
 Concen: 33.26 ng  
 RT: 7.07 min Scan# 541  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Tot Ion:146 Resp: 102452  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 51.9 77.9  
 111 35.6 29.2 43.8

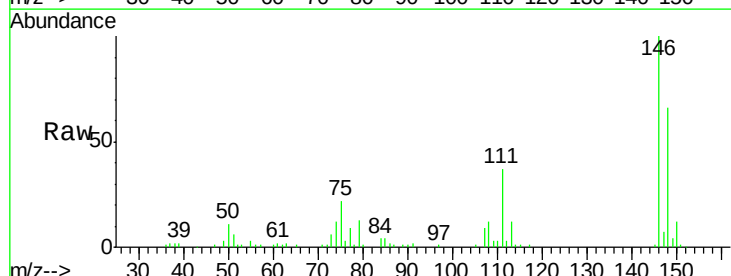


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

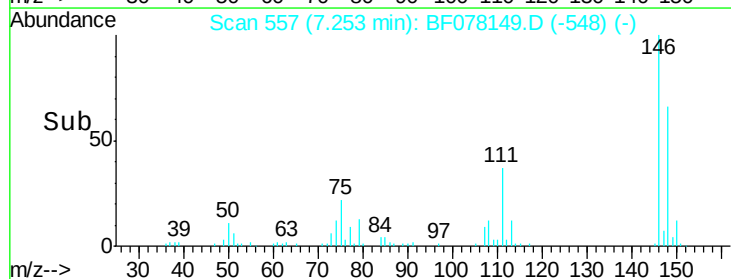
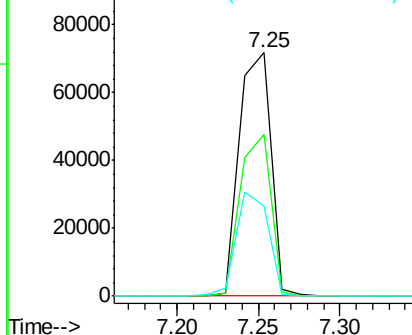


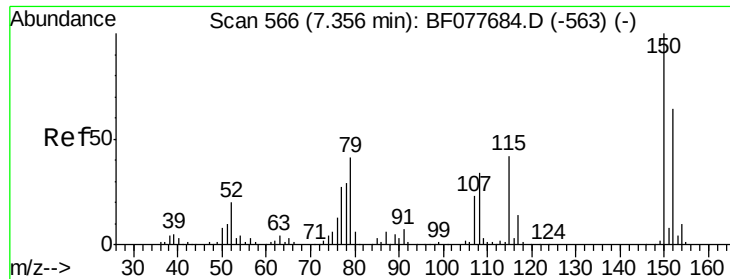
#14  
 1,2-Dichlorobenzene  
 Concen: 34.05 ng  
 RT: 7.25 min Scan# 557  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion:146 Resp: 96151  
 Ion Ratio Lower Upper  
 146 100  
 148 66.5 52.3 78.5  
 111 37.0 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

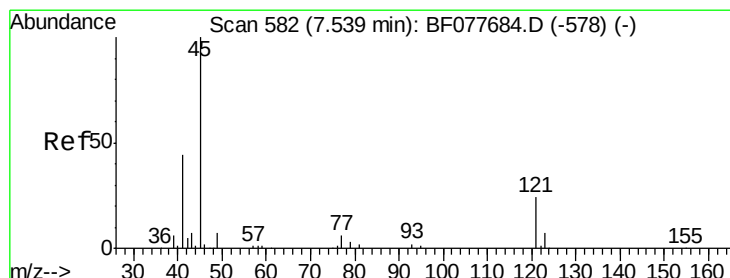
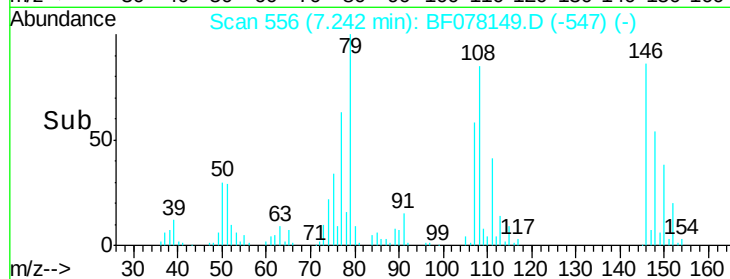
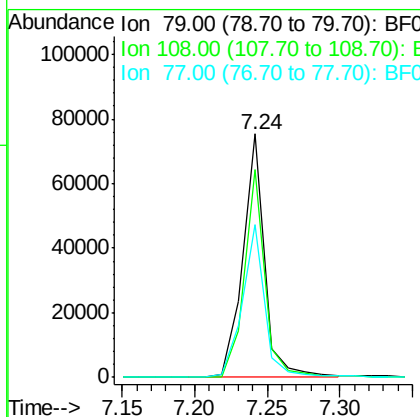
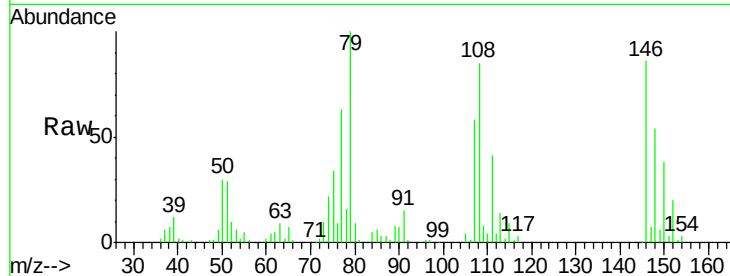




#15  
Benzyl Alcohol  
Concen: 36.56 ng  
RT: 7.24 min Scan# 556  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

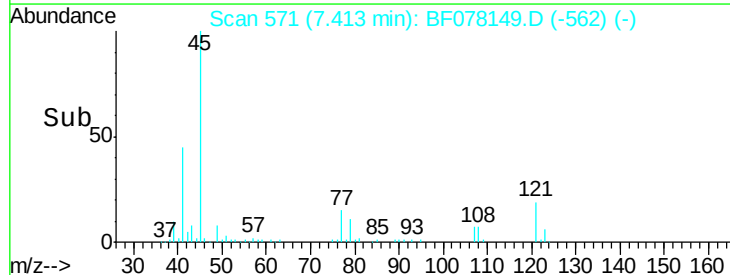
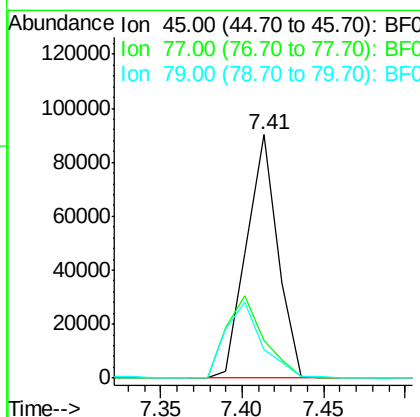
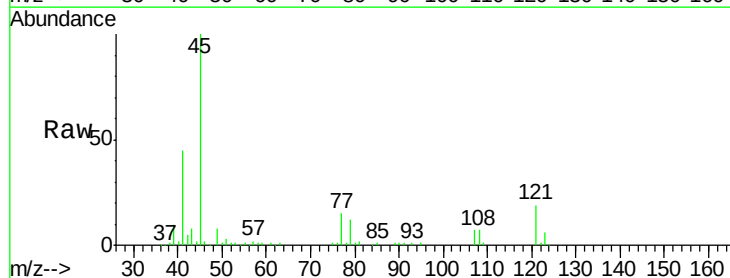
Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

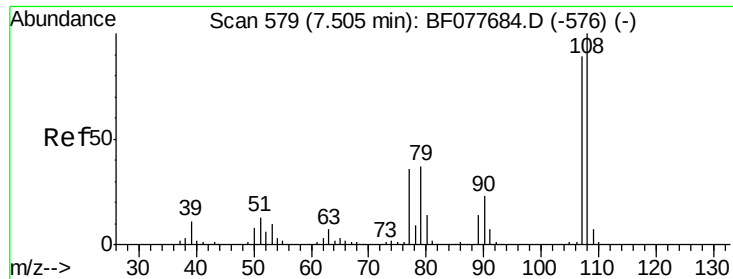
Tot Ion: 79 Resp: 78944  
Ion Ratio Lower Upper  
79 100  
108 85.3 65.0 97.4  
77 62.8 53.0 79.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.29 ng  
RT: 7.41 min Scan# 571  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion: 45 Resp: 119802  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 35.2  
79 11.7 0.0 32.0

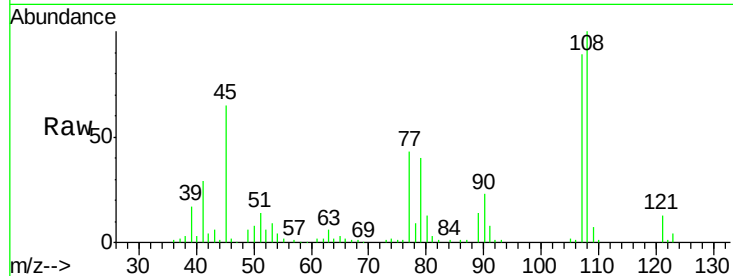




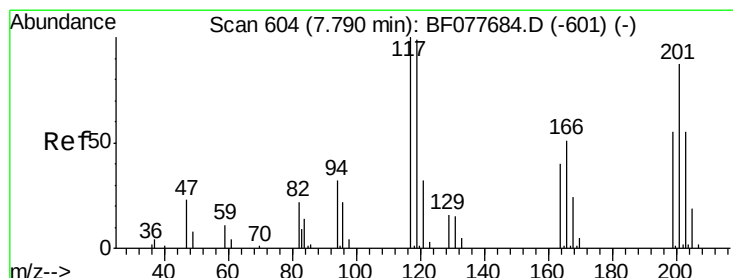
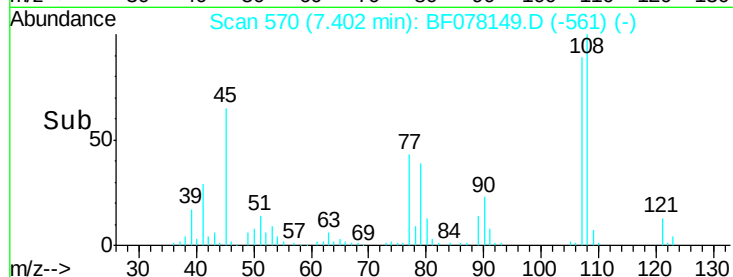
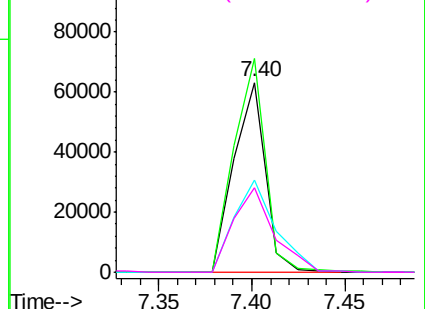
#17  
2-Methylphenol  
Concen: 34.53 ng  
RT: 7.40 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

Tot Ion:107 Resp: 74926  
Ion Ratio Lower Upper  
107 100  
108 112.4 89.8 134.8  
77 48.3 32.6 48.8  
79 44.7 32.8 49.2

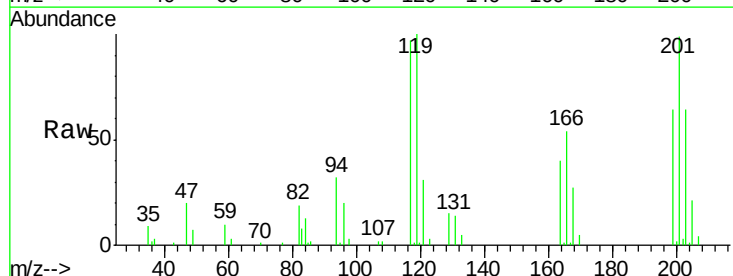


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

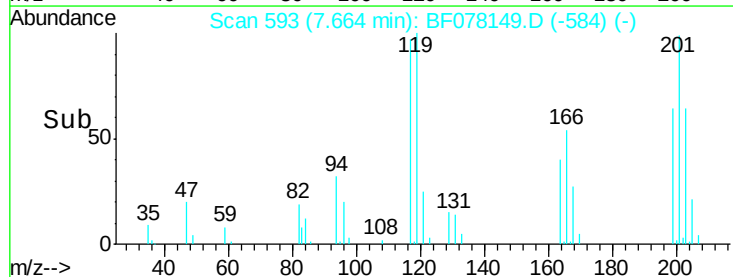
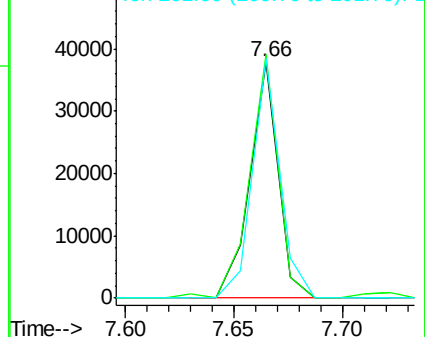


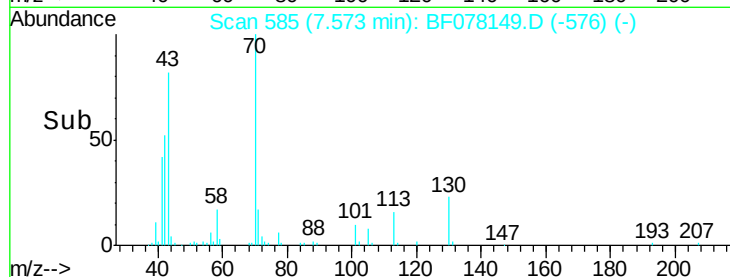
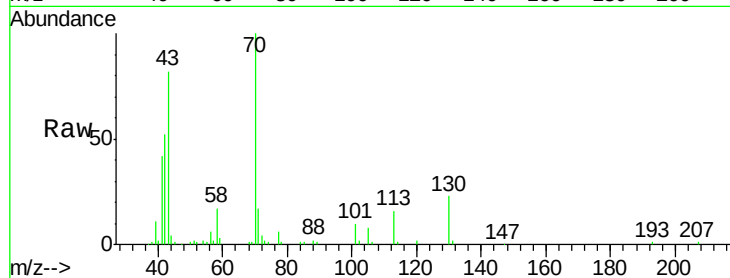
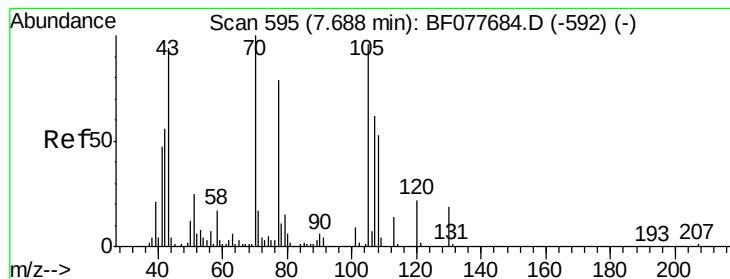
#18  
Hexachloroethane  
Concen: 33.73 ng  
RT: 7.66 min Scan# 593  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion:117 Resp: 34080  
Ion Ratio Lower Upper  
117 100  
119 103.1 79.2 118.8  
201 101.8 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.92 ng

RT: 7.57 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

Tot Ion: 70 Resp: 68740

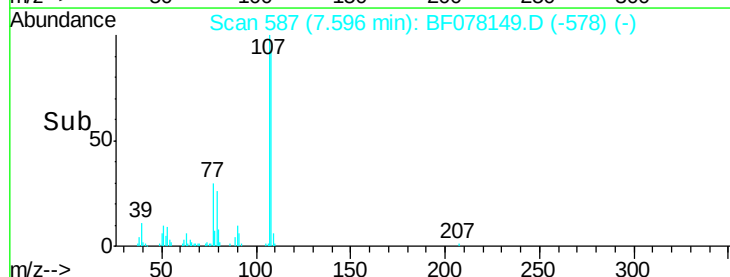
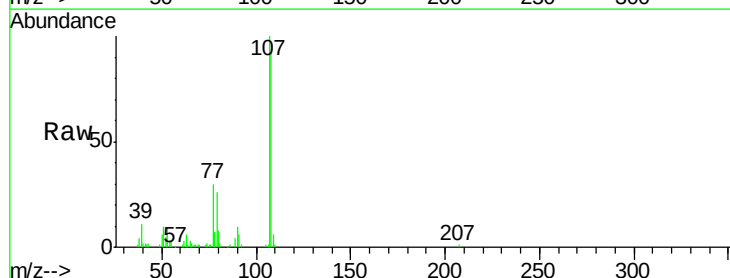
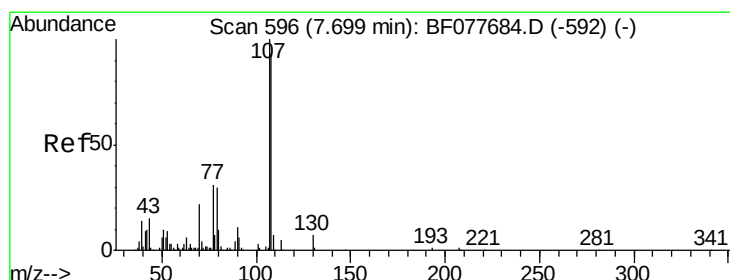
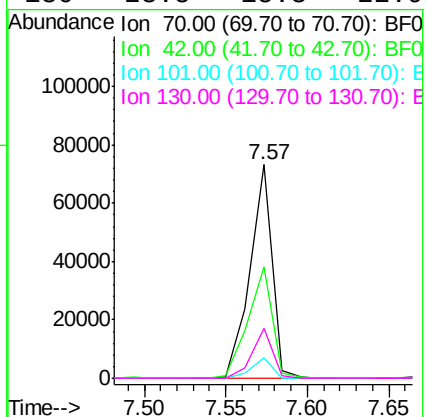
Ion Ratio Lower Upper

70 100

42 52.2 44.5 66.7

101 9.7 7.4 11.2

130 23.5 15.3 22.9#



#20

3+4-Methylphenols

Concen: 36.37 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Tgt Ion:107 Resp: 103562

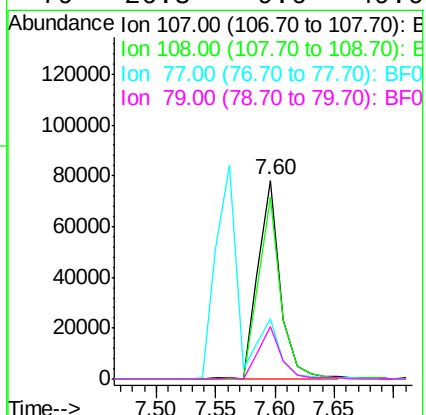
Ion Ratio Lower Upper

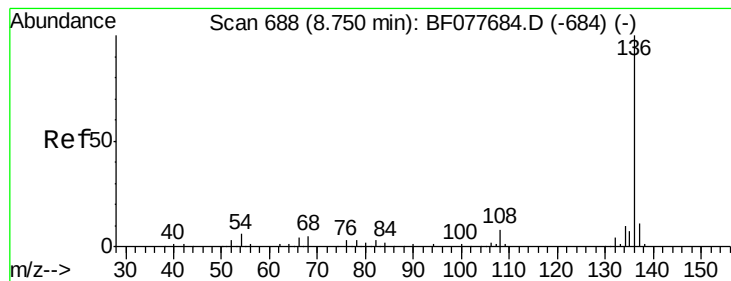
107 100

108 91.6 73.2 113.2

77 30.3 10.7 50.7

79 26.3 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

Tot Ion:136 Resp: 161222

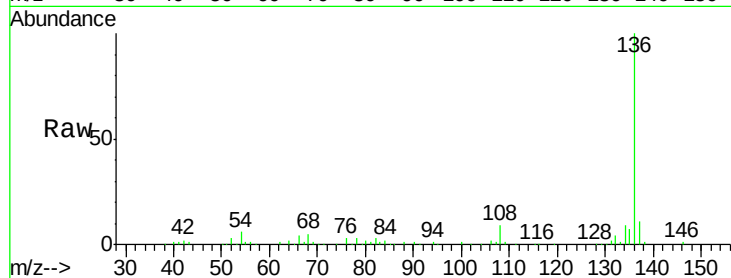
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.6 4.6 6.8

68 5.0 3.7 5.5

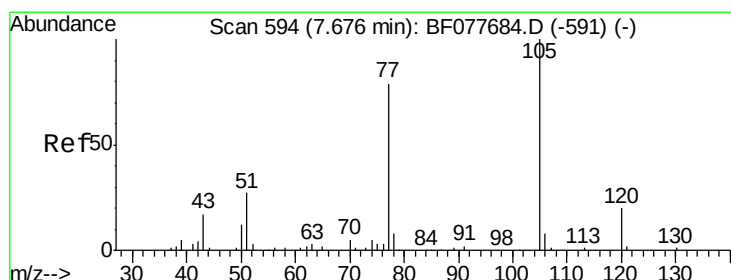
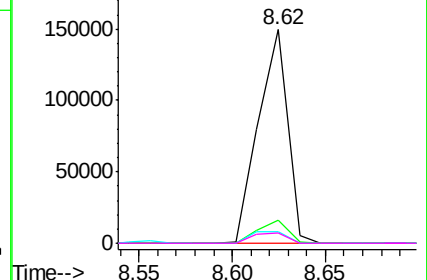
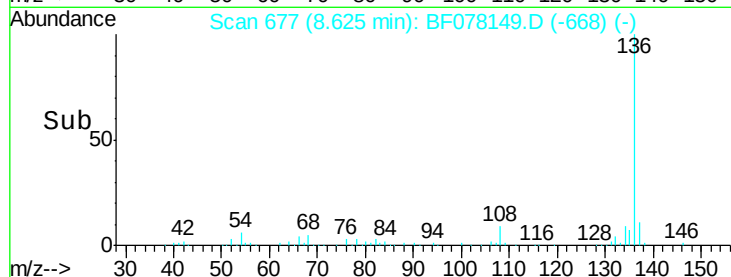


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.36 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Tgt Ion:105 Resp: 133347

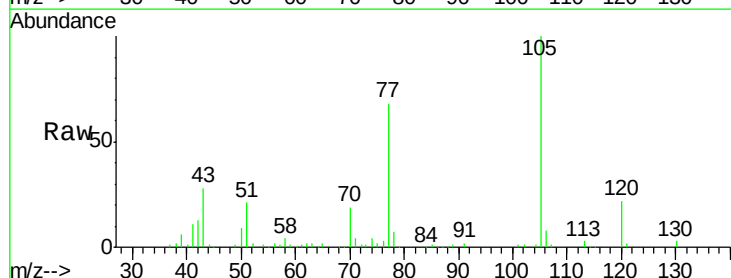
Ion Ratio Lower Upper

105 100

71 3.6 0.6 1.0#

51 21.0 21.6 32.4#

120 22.0 16.1 24.1

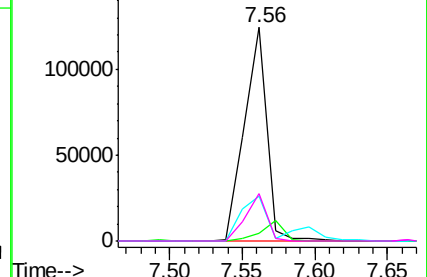
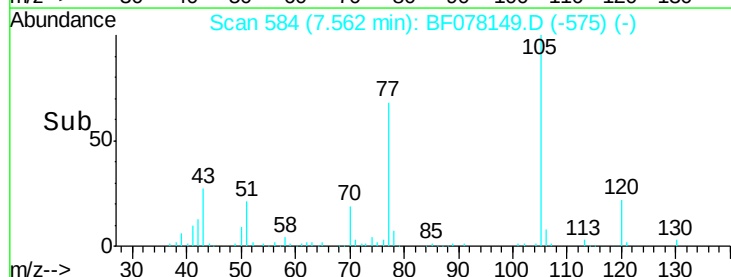


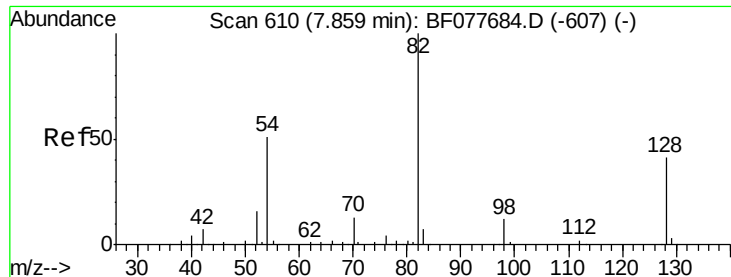
Abundance Ion 105.00 (104.70 to 105.70): E

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

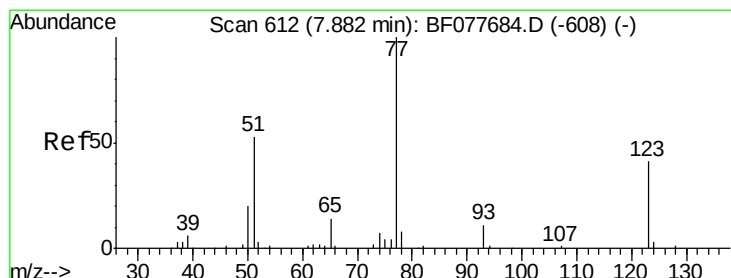
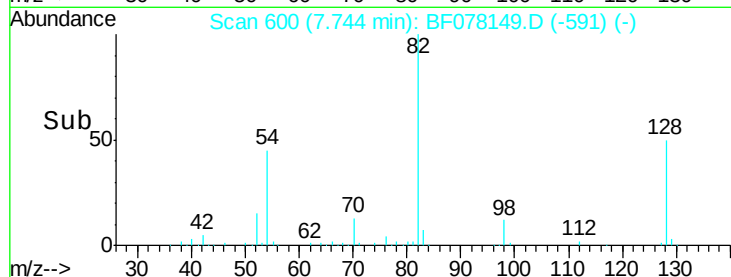
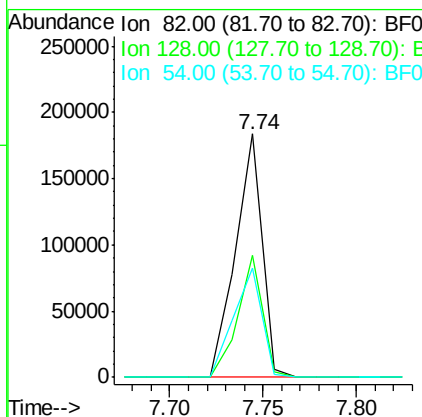
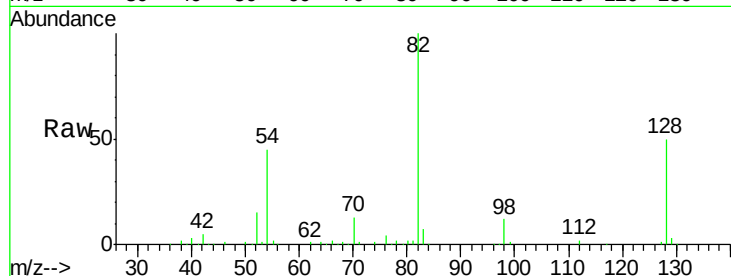




#23  
 Nitrobenzene-d5  
 Concen: 75.05 ng  
 RT: 7.74 min Scan# 600  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

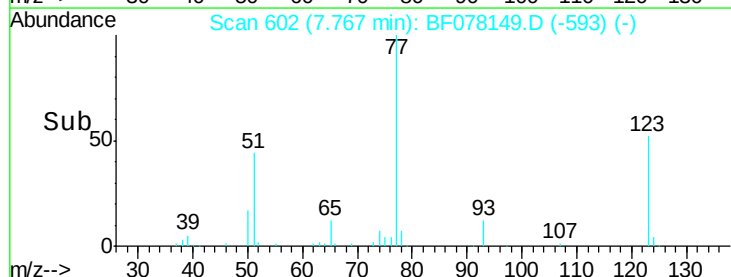
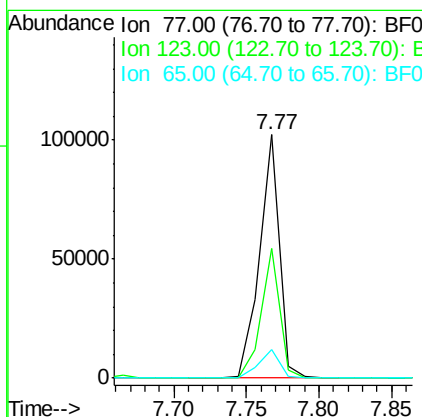
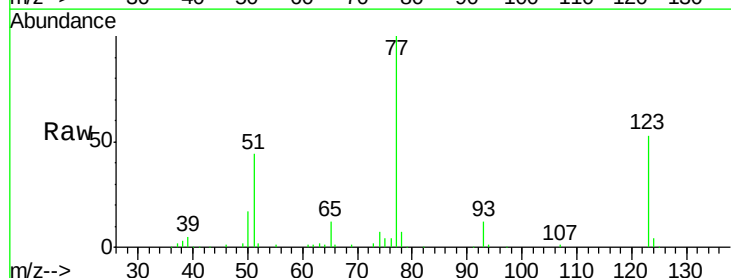
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Tot Ion: 82 Resp: 184577  
 Ion Ratio Lower Upper  
 82 100  
 128 50.3 32.8 49.2#  
 54 44.9 40.6 60.8

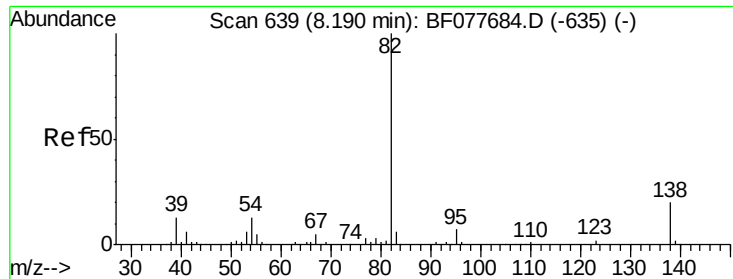


#24  
 Nitrobenzene  
 Concen: 36.74 ng  
 RT: 7.77 min Scan# 602  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion: 77 Resp: 97357  
 Ion Ratio Lower Upper  
 77 100  
 123 53.3 32.6 49.0#  
 65 12.0 10.9 16.3







#25

Isophorone

Concen: 35.62 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampled :

SB2(1-2)MSD

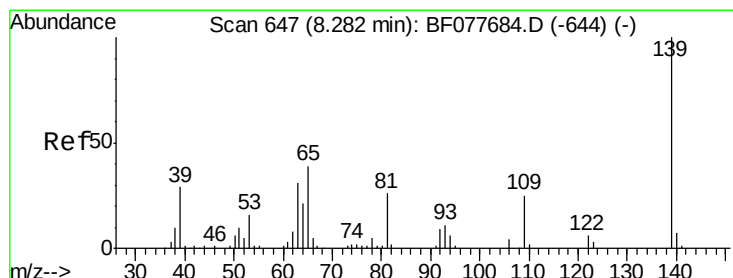
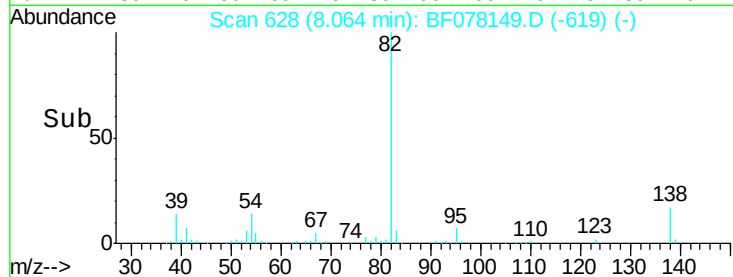
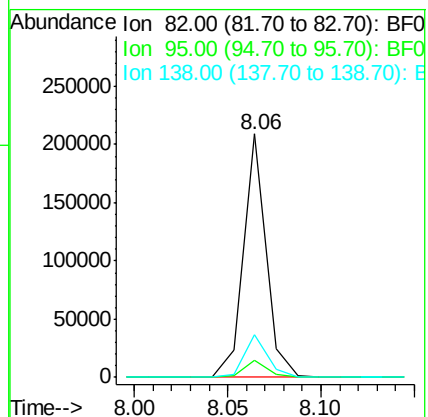
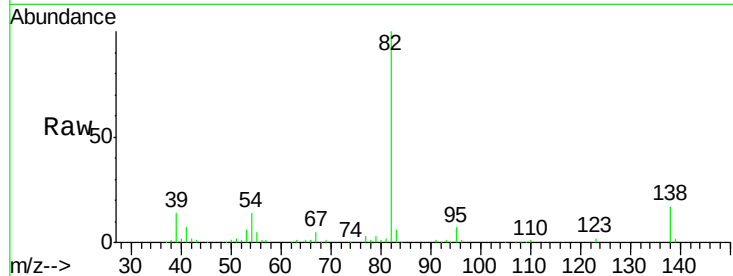
Tot Ion: 82 Resp: 176912

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 17.3 16.3 24.5



#26

2-Nitrophenol

Concen: 30.21 ng

RT: 8.16 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

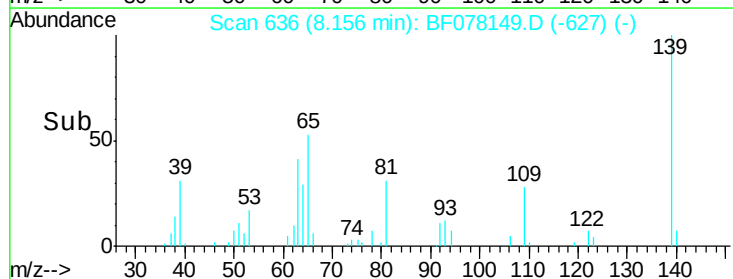
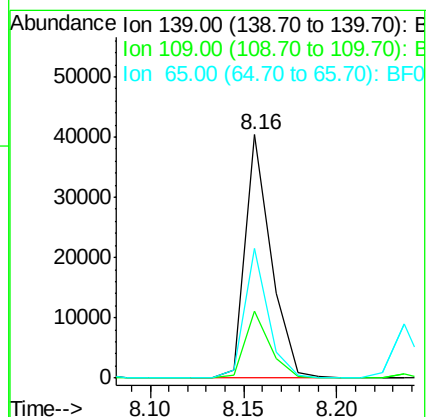
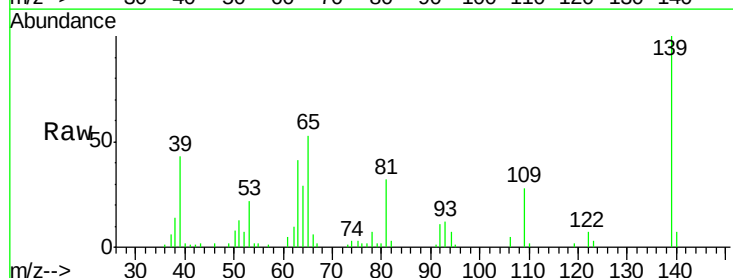
Tgt Ion: 139 Resp: 39194

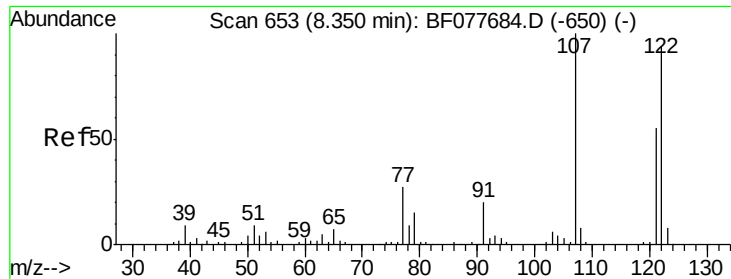
Ion Ratio Lower Upper

139 100

109 27.7 20.1 30.1

65 53.2 31.5 47.3#

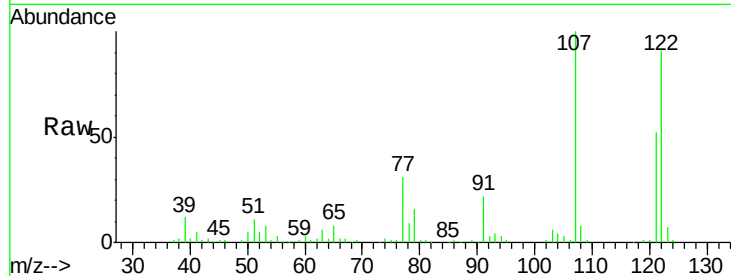




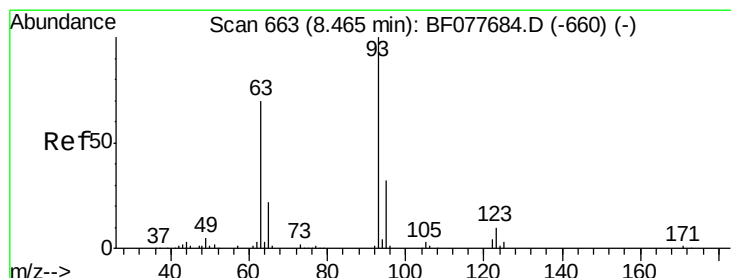
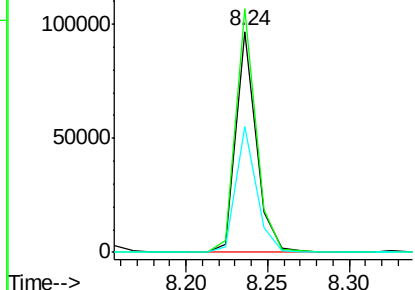
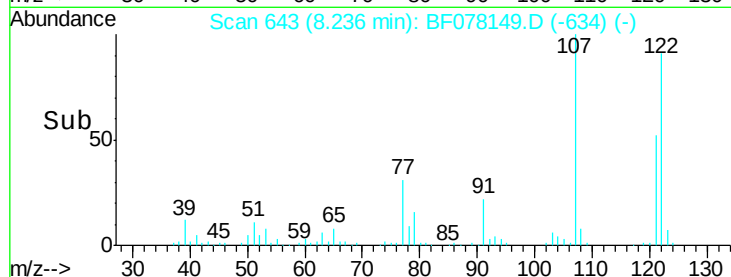
#27  
 2,4-Dimethylphenol  
 Concen: 35.12 ng  
 RT: 8.24 min Scan# 643  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Tot Ion:122 Resp: 82994  
 Ion Ratio Lower Upper  
 122 100  
 107 110.3 84.7 127.1  
 121 56.8 46.6 69.8

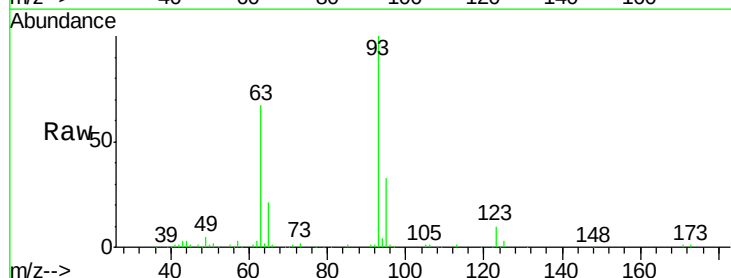


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

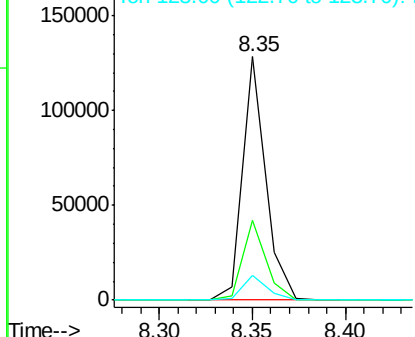
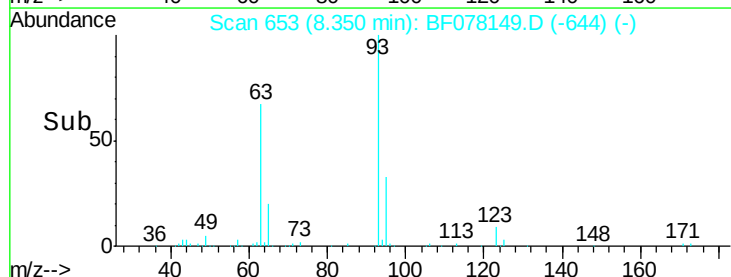


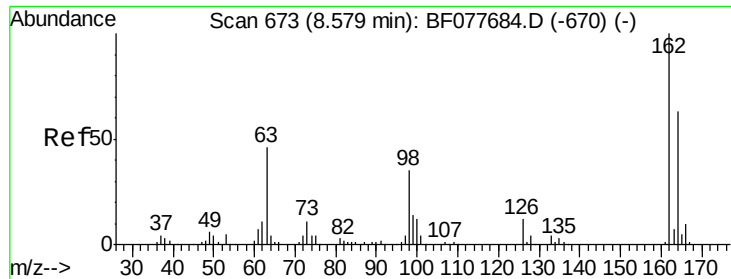
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.68 ng  
 RT: 8.35 min Scan# 653  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion: 93 Resp: 110577  
 Ion Ratio Lower Upper  
 93 100  
 95 32.6 25.5 38.3  
 123 10.1 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 123.00 (122.70 to 123.70): E

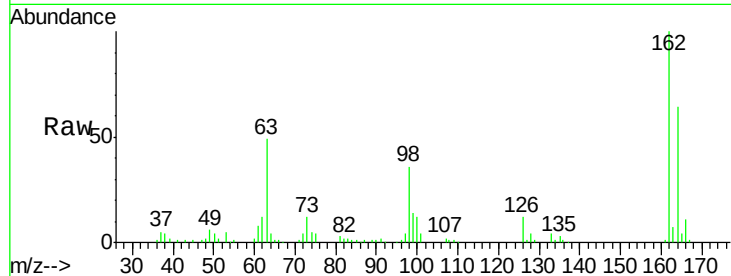




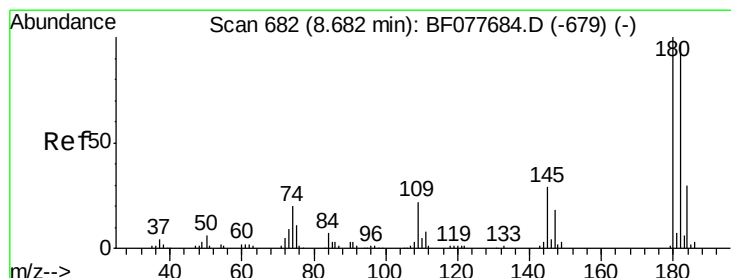
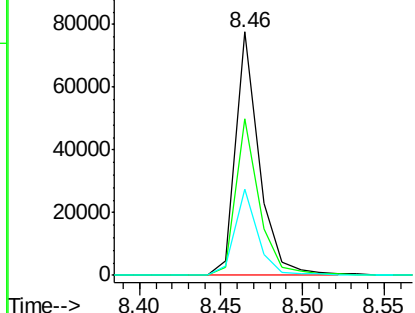
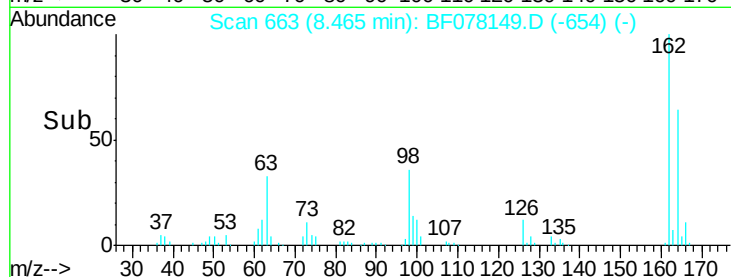
#29  
 2,4-Dichlorophenol  
 Concen: 34.26 ng  
 RT: 8.46 min Scan# 663  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Tot Ion:162 Resp: 77174  
 Ion Ratio Lower Upper  
 162 100  
 164 64.5 42.8 82.8  
 98 35.7 14.5 54.5

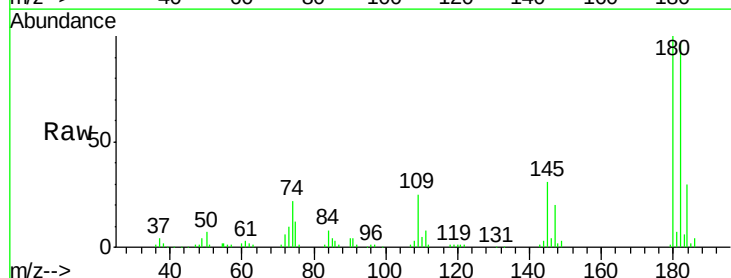


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

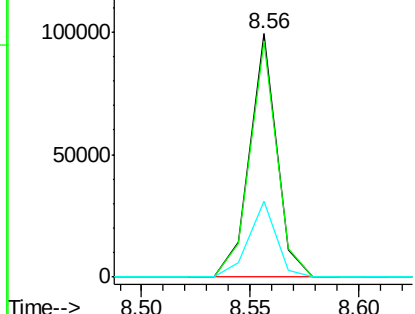
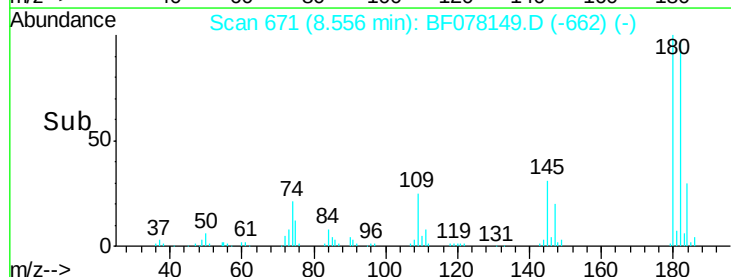


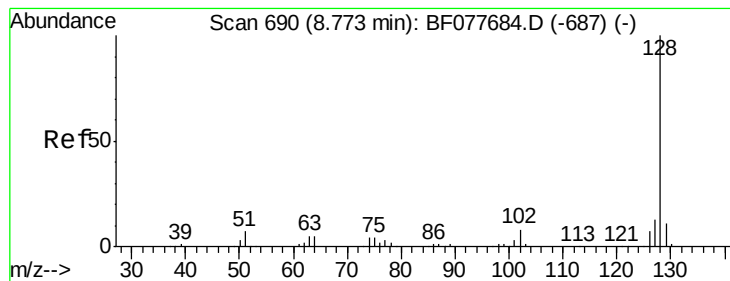
#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.99 ng  
 RT: 8.56 min Scan# 671  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion:180 Resp: 85669  
 Ion Ratio Lower Upper  
 180 100  
 182 97.1 77.6 116.4  
 145 31.4 23.4 35.2



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: 35.15 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

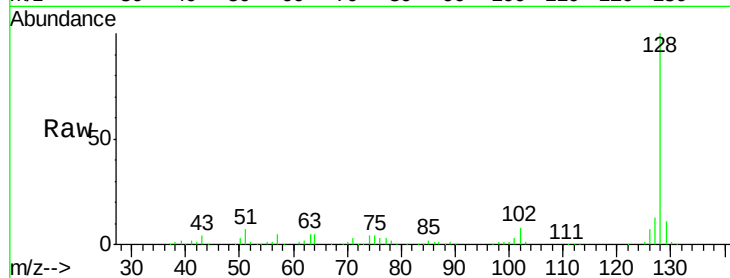
Tot Ion:128 Resp: 291015

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

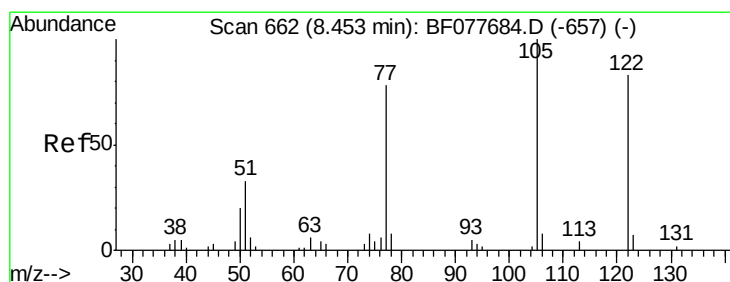
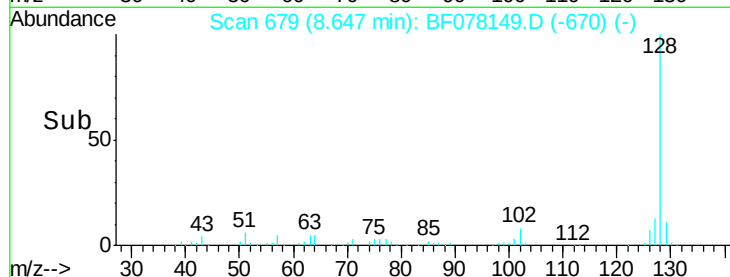
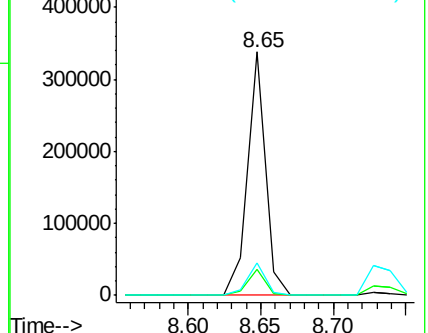
127 13.1 10.4 15.6



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: 3.71 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

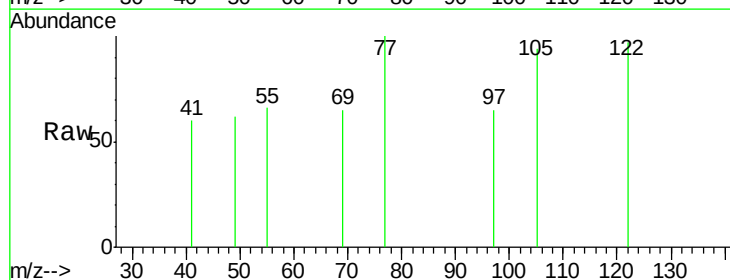
Tgt Ion:122 Resp: 865

Ion Ratio Lower Upper

122 100

105 97.1 99.9 139.9#

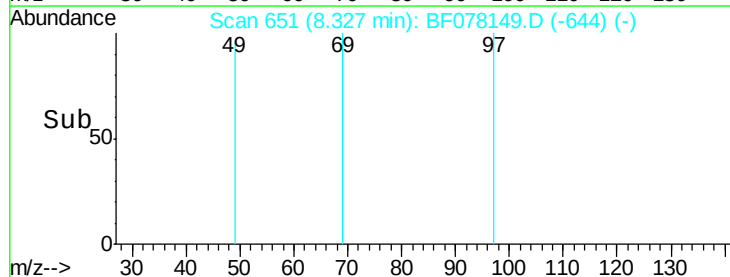
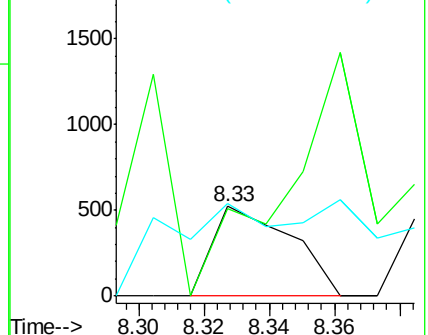
77 103.1 73.7 113.7

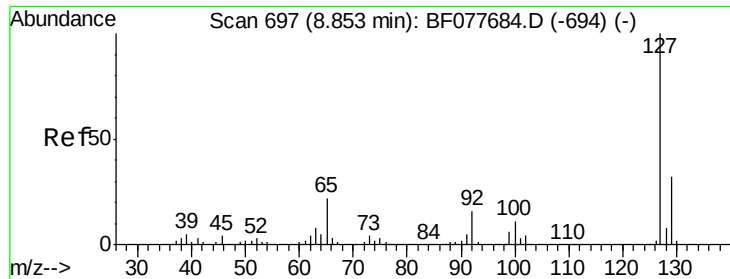


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

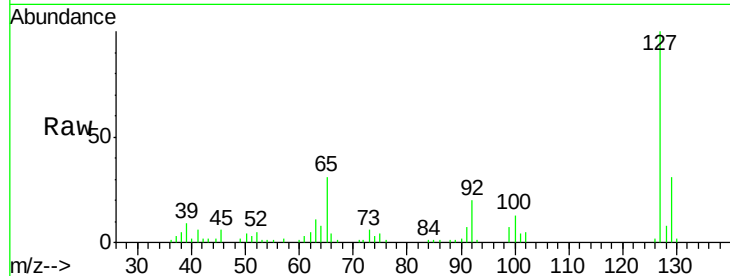




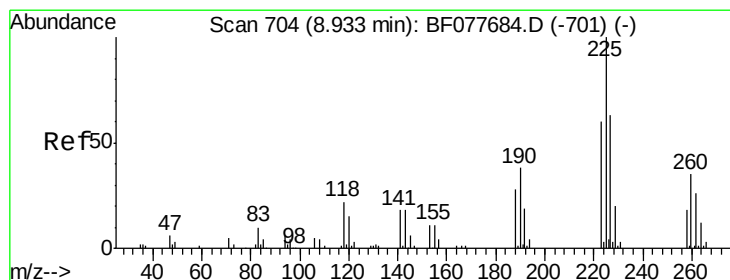
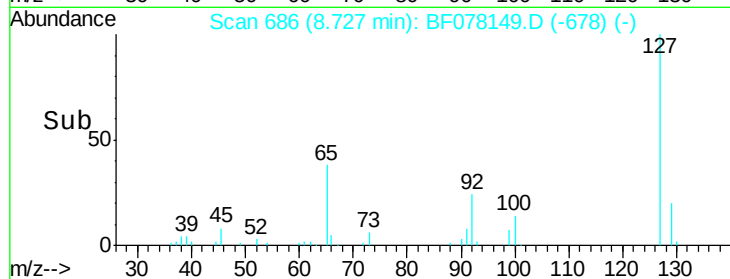
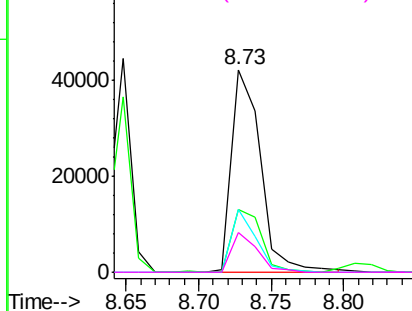
#33  
4-Chloroaniline  
Concen: 17.41 ng  
RT: 8.73 min Scan# 686  
Delta R.T. -0.01 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 58511 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.3  | 25.3  | 37.9  |
| 65       | 31.3  | 17.6  | 26.4  |
| 92       | 19.6  | 13.1  | 19.7  |

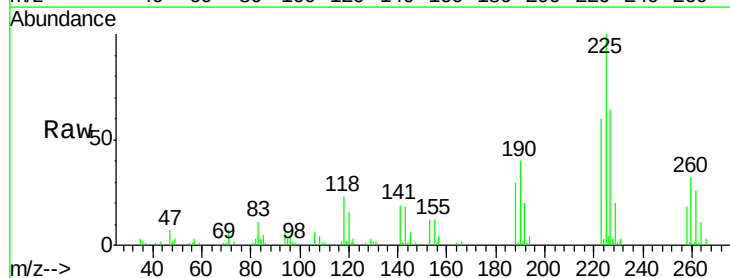


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

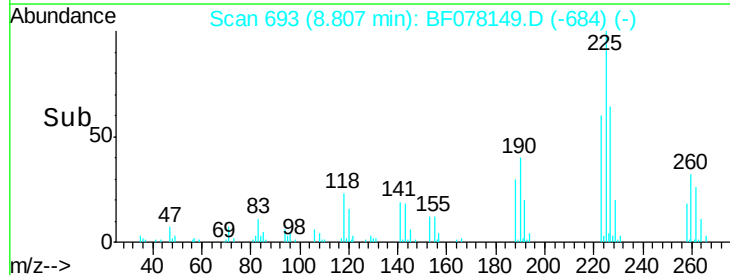
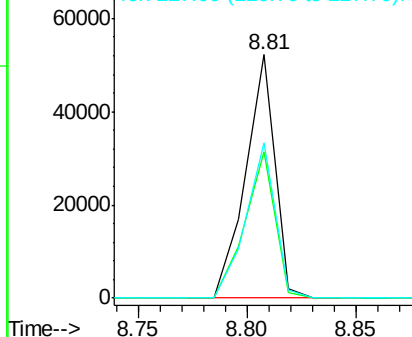


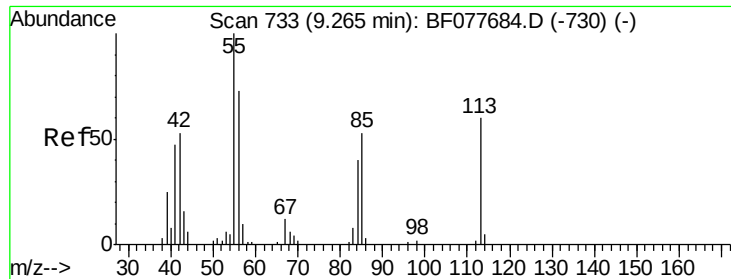
#34  
Hexachlorobutadiene  
Concen: 34.07 ng  
RT: 8.81 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 48667 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.3  | 47.9  | 71.9  |
| 227      | 63.8  | 50.1  | 75.1  |



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

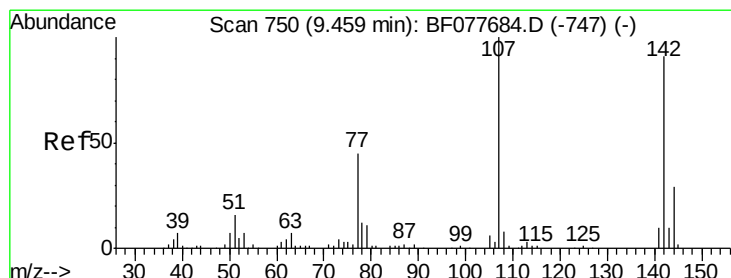
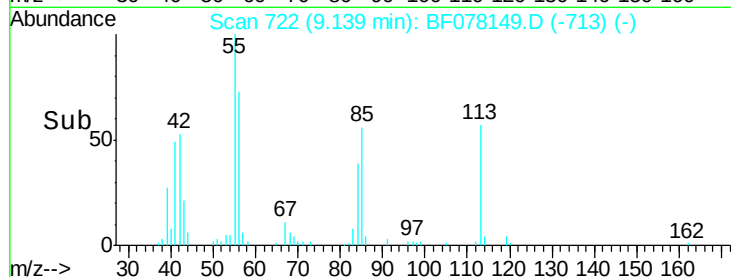
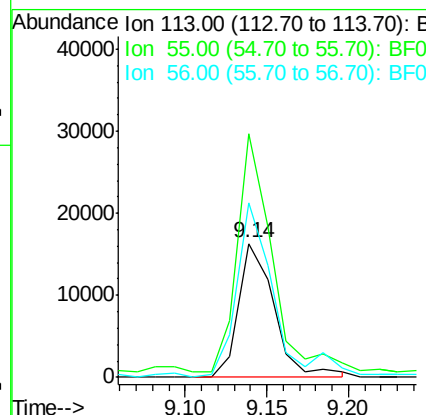
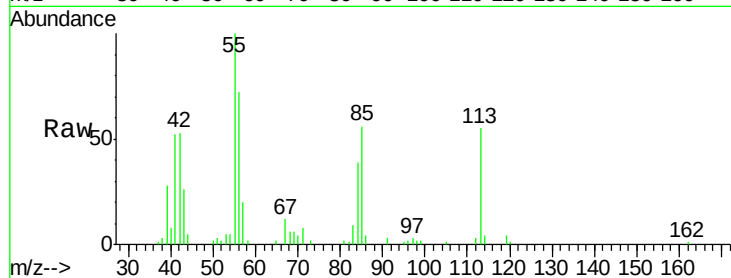




#35  
 Caprolactam  
 Concen: 37.64 ng  
 RT: 9.14 min Scan# 722  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

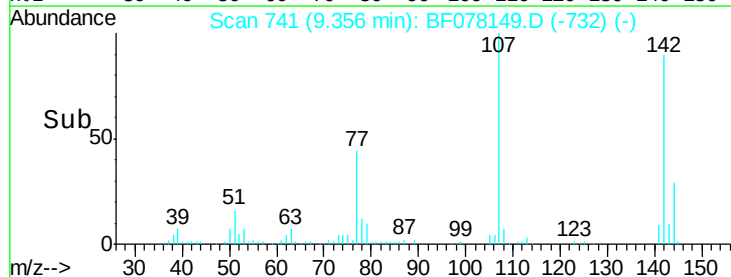
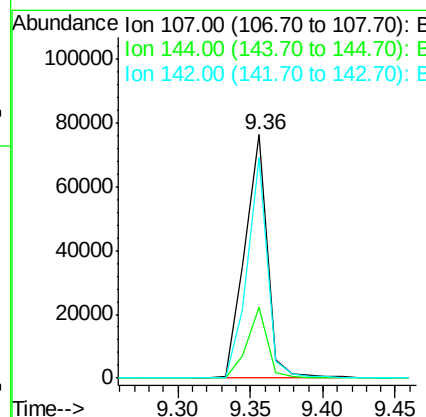
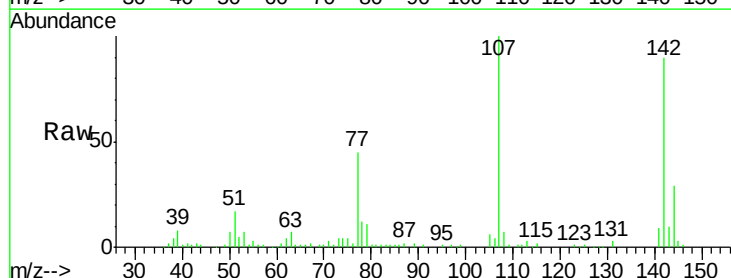
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

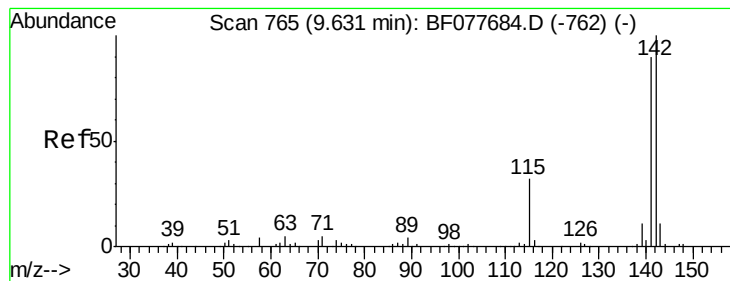
Tot Ion:113 Resp: 24780  
 Ion Ratio Lower Upper  
 113 100  
 55 182.3 145.9 185.9  
 56 130.7 101.0 141.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.55 ng  
 RT: 9.36 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion:107 Resp: 82839  
 Ion Ratio Lower Upper  
 107 100  
 144 29.2 23.3 34.9  
 142 90.4 72.6 109.0





#37

2-Methylnaphthalene

Concen: 37.43 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

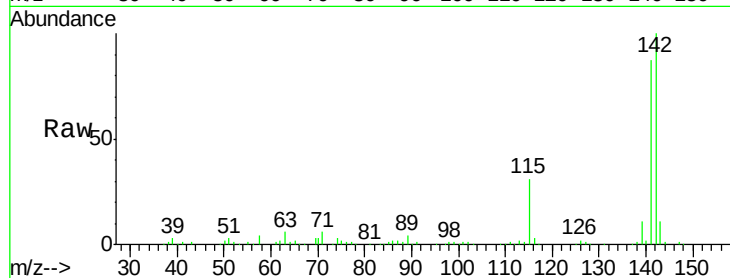
Tot Ion:142 Resp: 208219

Ion Ratio Lower Upper

142 100

141 87.3 71.9 107.9

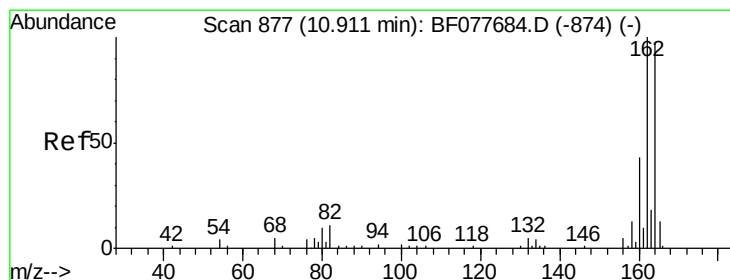
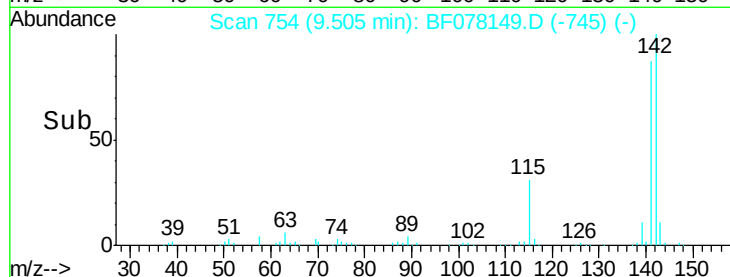
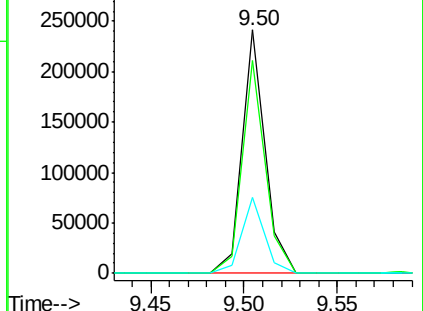
115 31.4 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

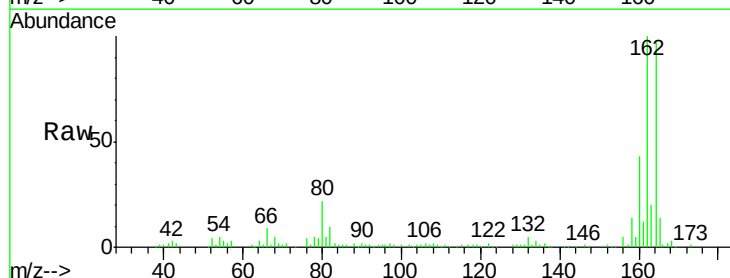
Tgt Ion:164 Resp: 80090

Ion Ratio Lower Upper

164 100

162 103.5 82.4 123.6

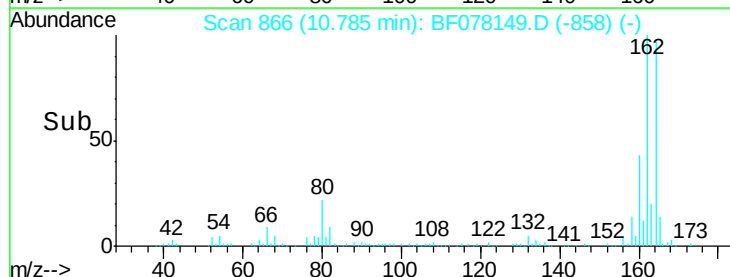
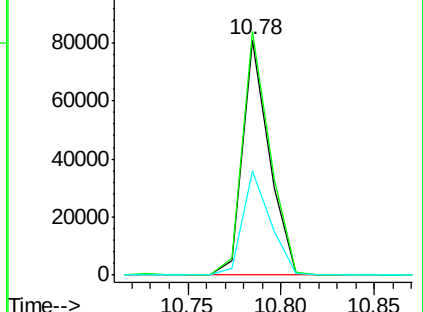
160 44.1 35.8 53.6

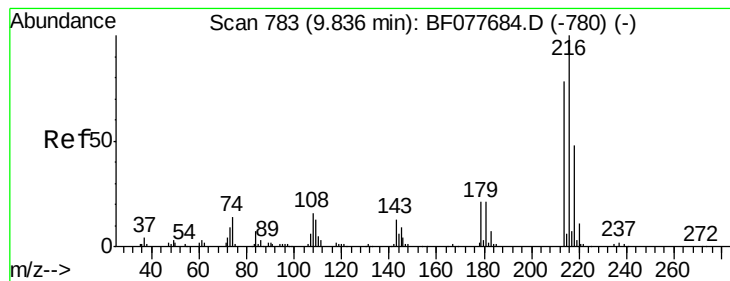


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.79 ng

RT: 9.71 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

Tot Ion:216 Resp: 85488

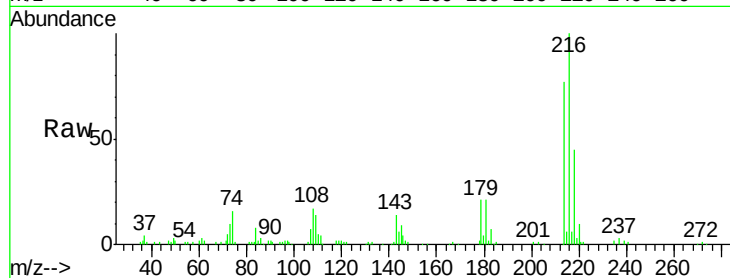
Ion Ratio Lower Upper

216 100

214 77.6 0.0 0.0#

179 20.9 0.0 0.0#

108 19.7 0.0 0.0#

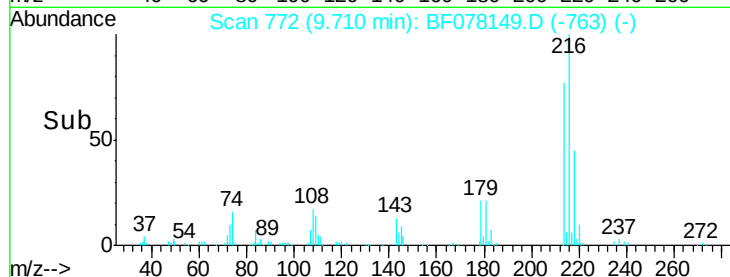


Abundance Ion 216.00 (215.70 to 216.70): E

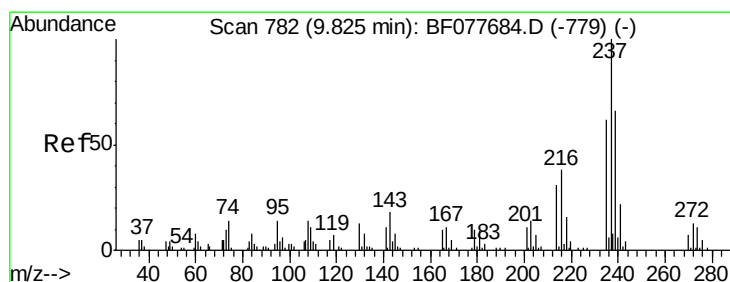
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 50.08 ng

RT: 9.70 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

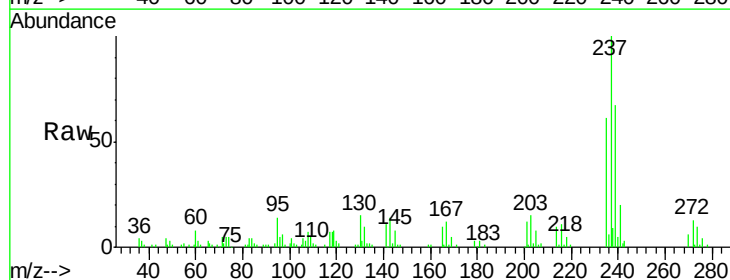
Tgt Ion:237 Resp: 58410

Ion Ratio Lower Upper

237 100

235 61.3 42.0 82.0

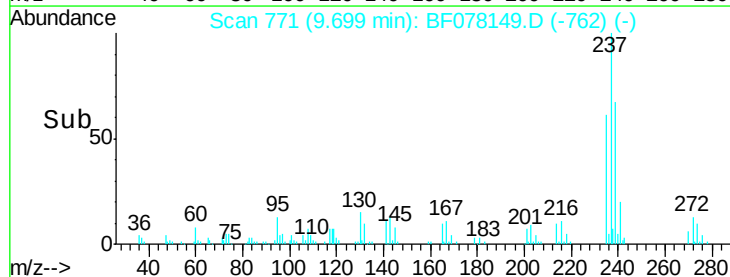
272 13.2 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

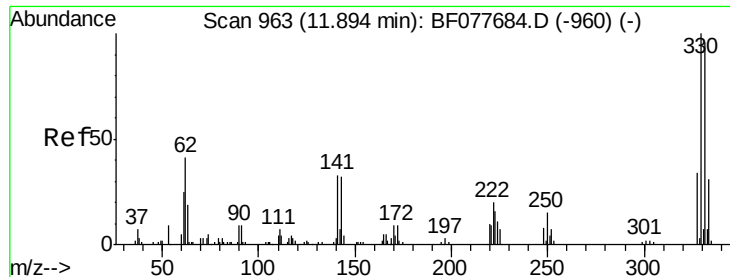
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

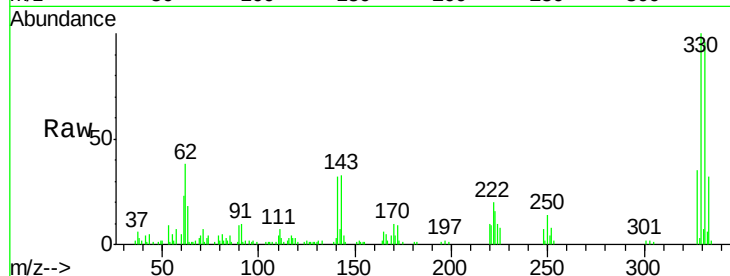




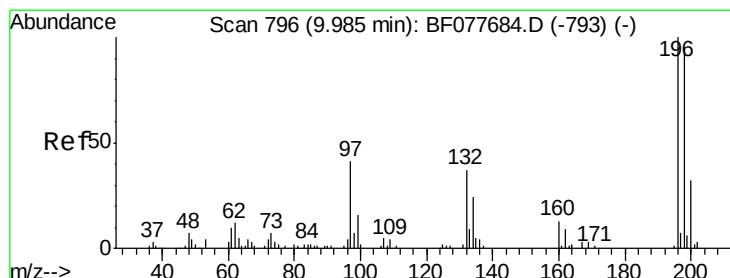
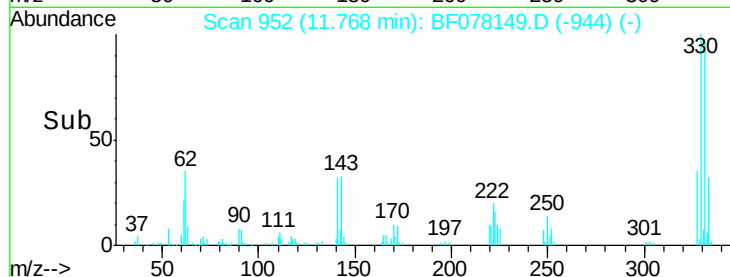
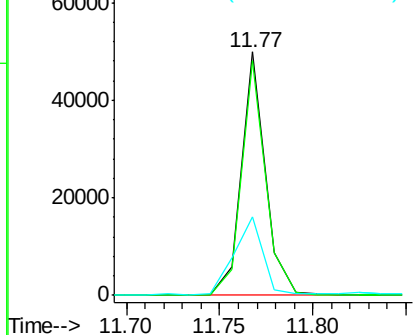
#41  
 2,4,6-Tribromophenol  
 Concen: 58.51 ng  
 RT: 11.77 min Scan# 952  
 Delta R.T. -0.01 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 0.0   | 0.0#  |
| 141     | 41.3  | 0.0   | 0.0#  |

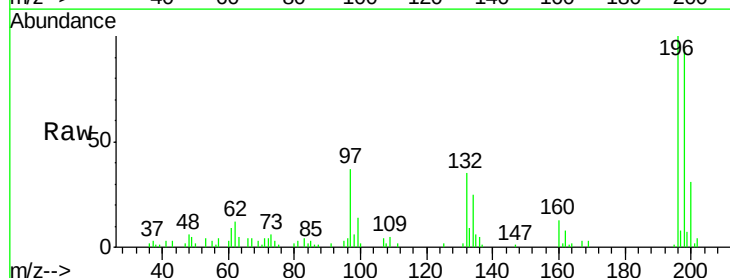


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

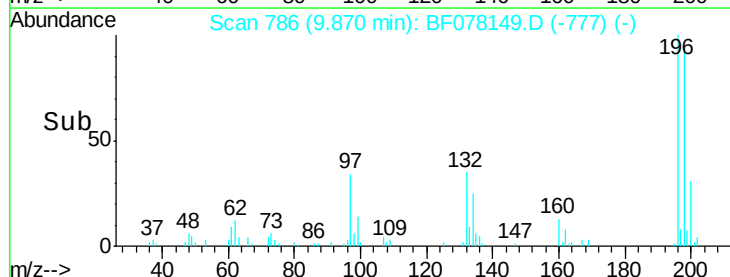
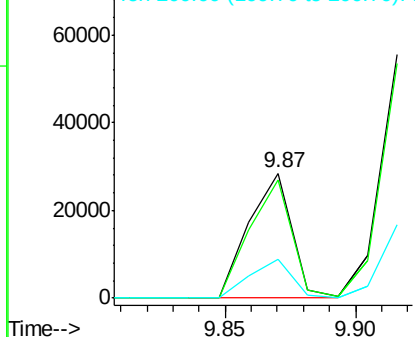


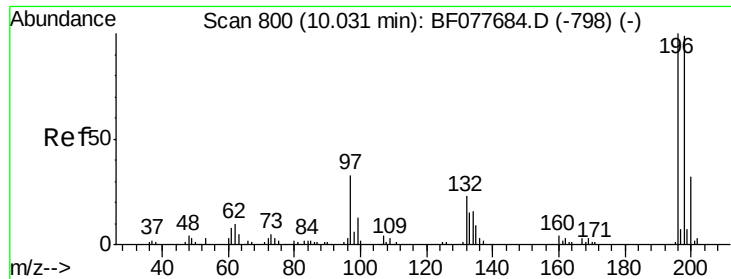
#42  
 2,4,6-Trichlorophenol  
 Concen: 19.94 ng  
 RT: 9.87 min Scan# 786  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.2  | 76.3  | 114.5 |
| 200     | 31.4  | 25.6  | 38.4  |



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

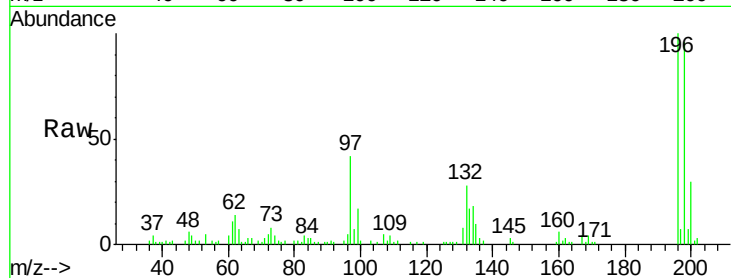




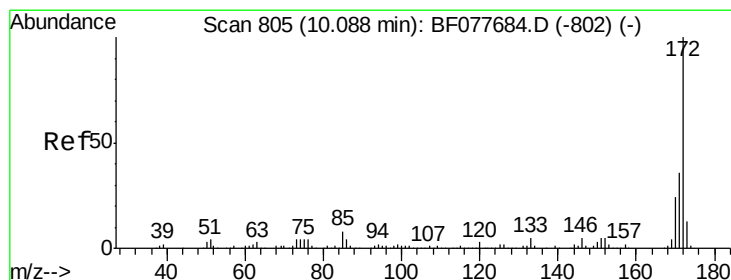
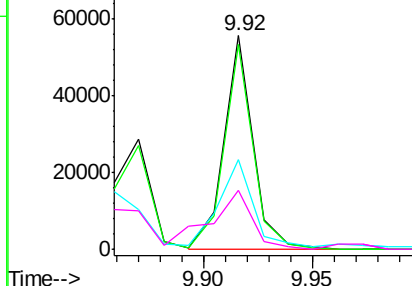
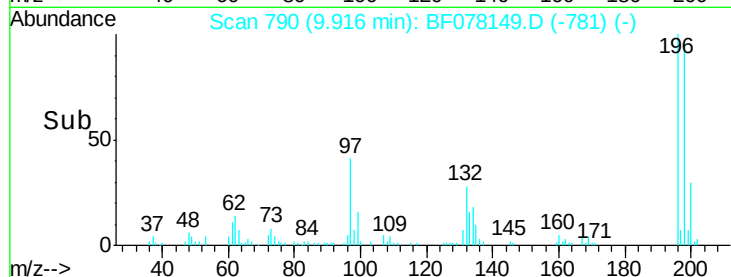
#43  
 2,4,5-Trichlorophenol  
 Concen: 28.69 ng  
 RT: 9.92 min Scan# 790  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

|             |       |       |  |
|-------------|-------|-------|--|
| Tot Ion:196 | Resp: | 51293 |  |
| Ion Ratio   | Lower | Upper |  |
| 196 100     |       |       |  |
| 198 96.2    | 79.4  | 119.0 |  |
| 97 42.2     | 26.8  | 40.2# |  |
| 132 27.9    | 18.6  | 28.0  |  |

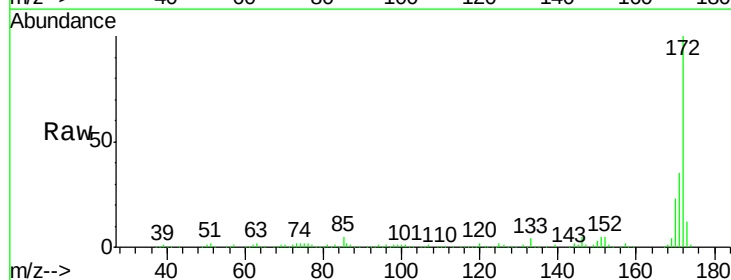


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

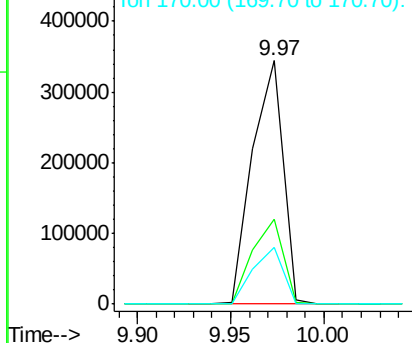
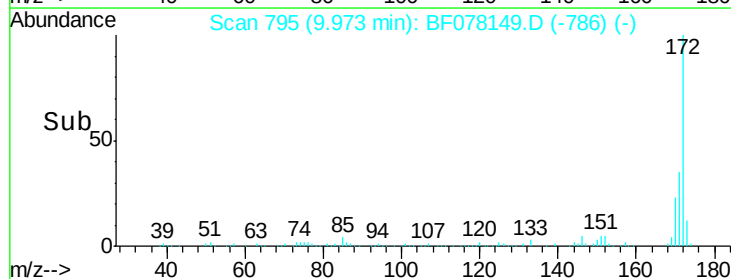


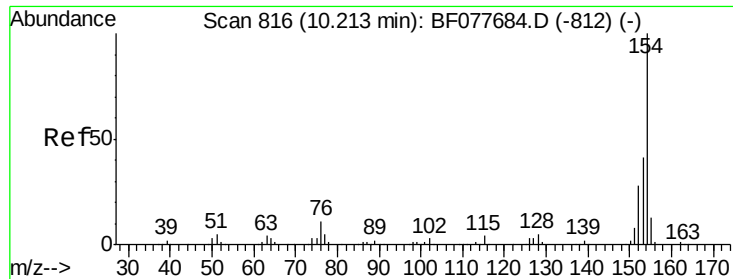
#44  
 2-Fluorobiphenyl  
 Concen: 71.90 ng  
 RT: 9.97 min Scan# 795  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

|         |       |       |        |
|---------|-------|-------|--------|
| Tgt Ion | 172   | Resp: | 391845 |
|         | Ratio | Lower | Upper  |
| 172     | 100   |       |        |
| 171     | 34.9  | 28.5  | 42.7   |
| 170     | 23.3  | 18.8  | 28.2   |



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

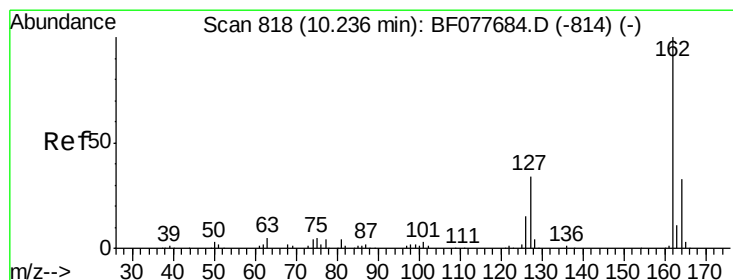
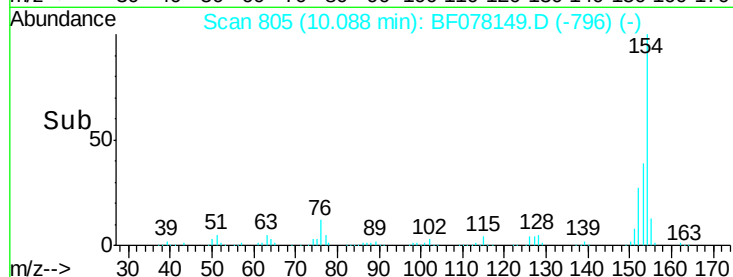
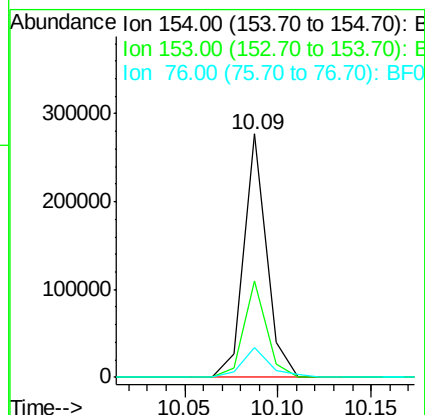
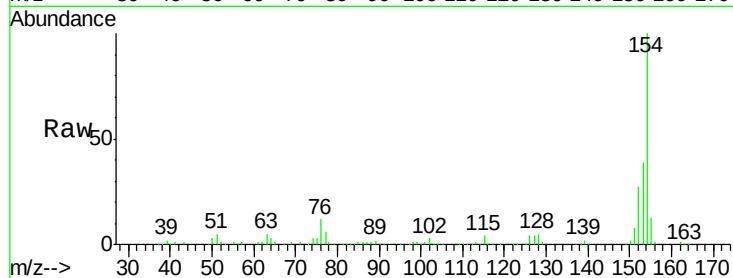




#45  
1,1'-Biphenyl  
Concen: 36.94 ng  
RT: 10.09 min Scan# 805  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

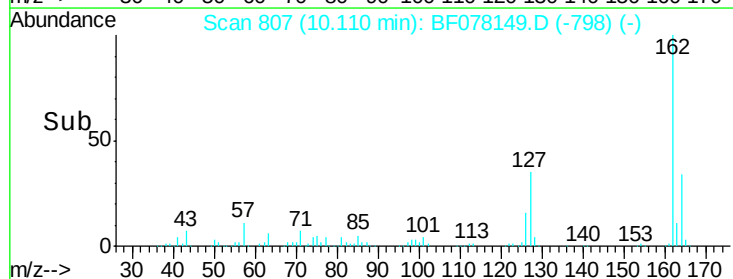
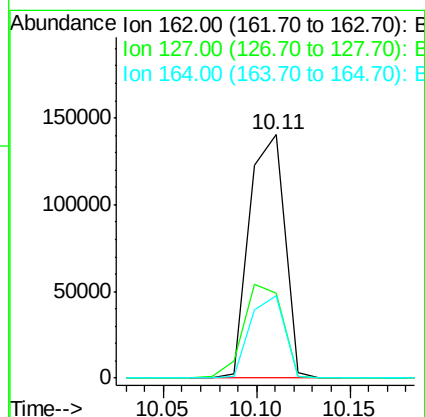
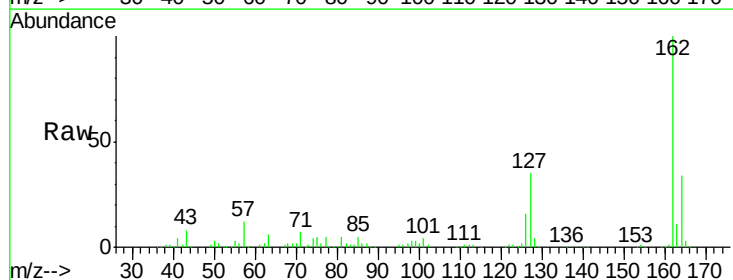
Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

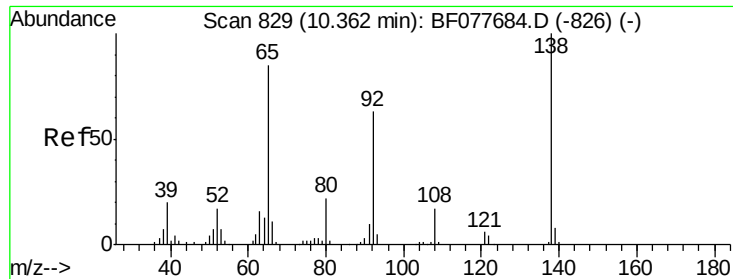
Tot Ion:154 Resp: 236491  
Ion Ratio Lower Upper  
154 100  
153 39.4 20.7 60.7  
76 12.1 0.0 30.9



#46  
2-Chloronaphthalene  
Concen: 35.40 ng  
RT: 10.11 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion:162 Resp: 184170  
Ion Ratio Lower Upper  
162 100  
127 35.0 26.9 40.3  
164 33.8 26.8 40.2

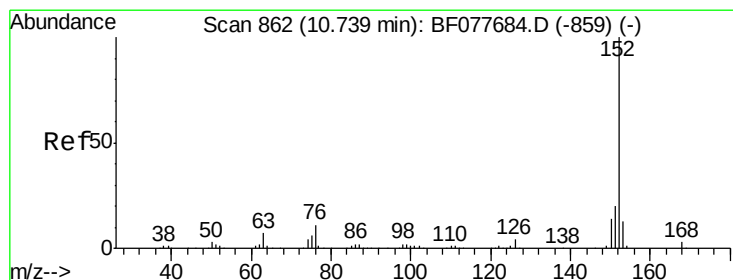
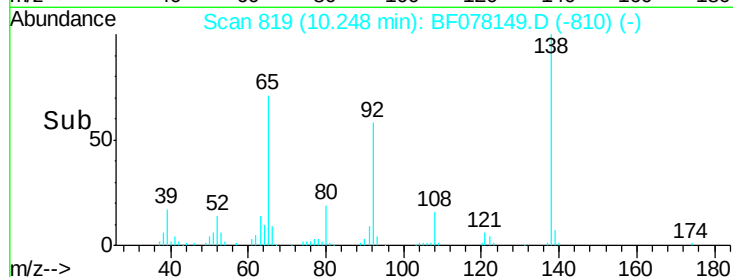
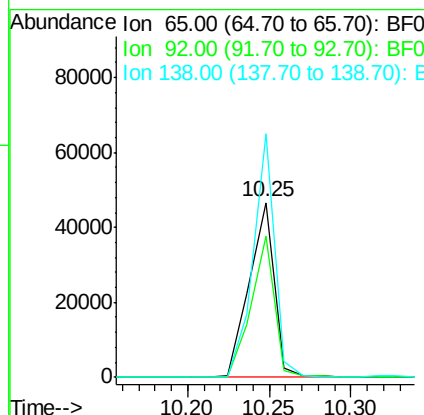
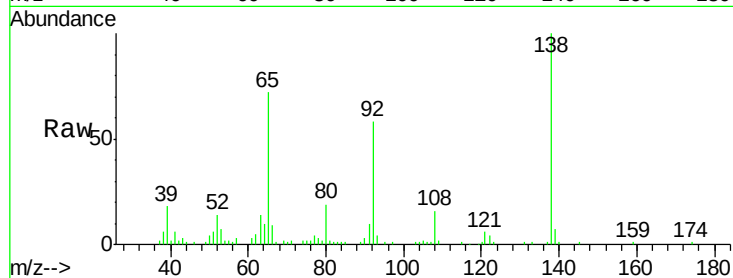




#47  
2-Nitroaniline  
Concen: 38.63 ng  
RT: 10.25 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

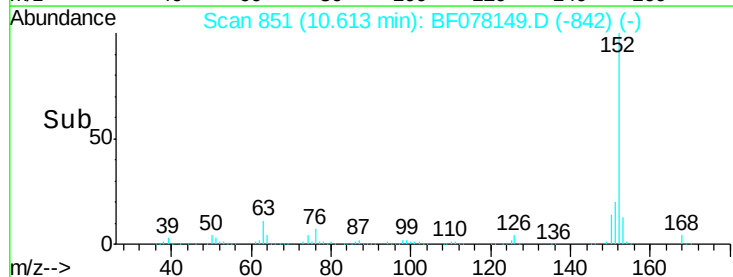
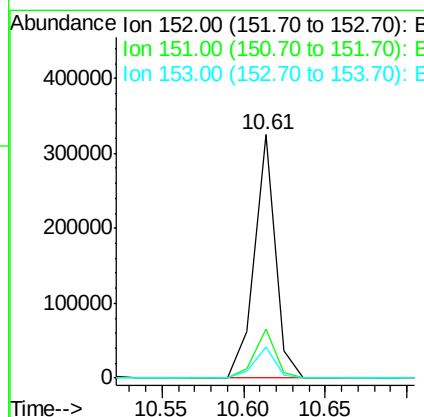
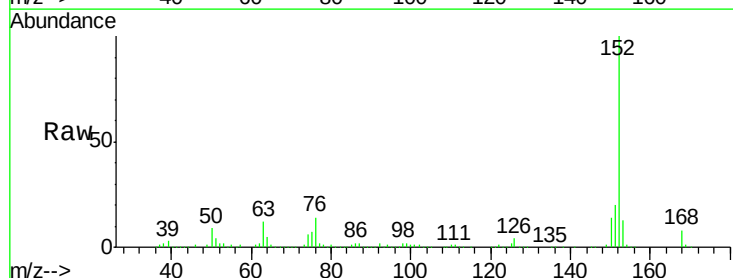
Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

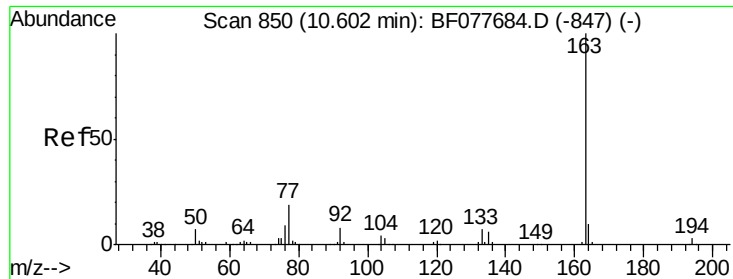
Tot Ion: 65 Resp: 49917  
Ion Ratio Lower Upper  
65 100  
92 80.6 59.1 88.7  
138 139.3 93.9 140.9



#48  
Acenaphthylene  
Concen: 33.76 ng  
RT: 10.61 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion: 152 Resp: 292076  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 46.86 ng

RT: 10.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

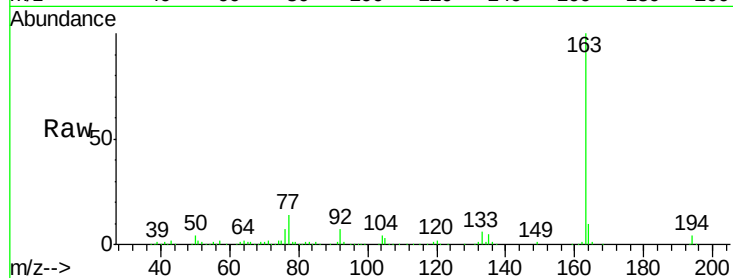
Tot Ion:163 Resp: 278329

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

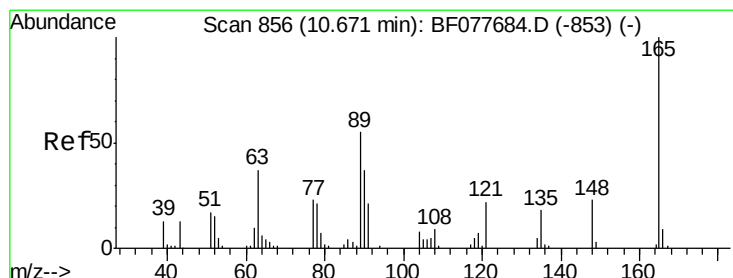
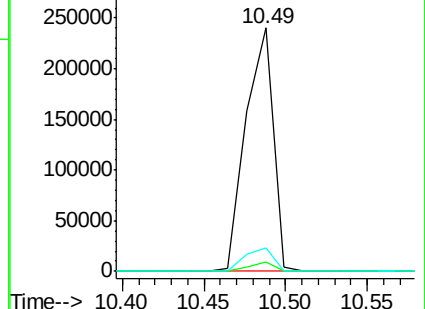
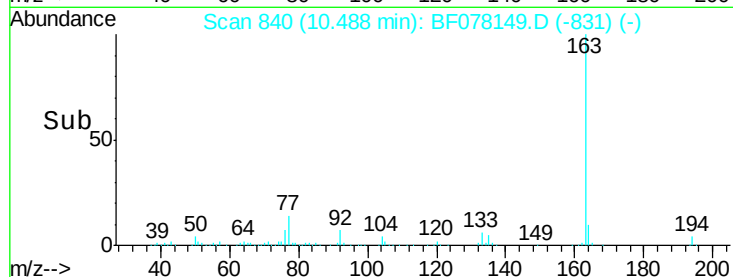
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.31 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

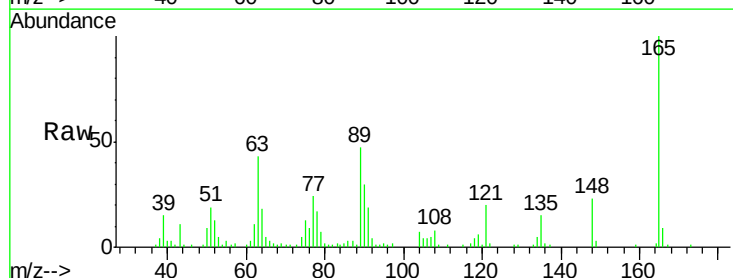
Tgt Ion:165 Resp: 47171

Ion Ratio Lower Upper

165 100

63 42.5 44.1 66.1#

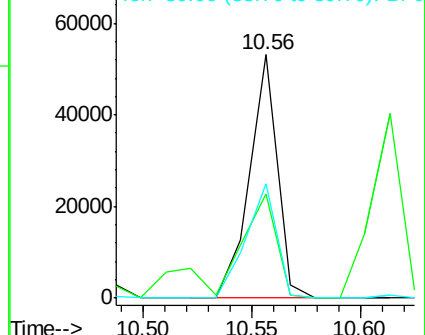
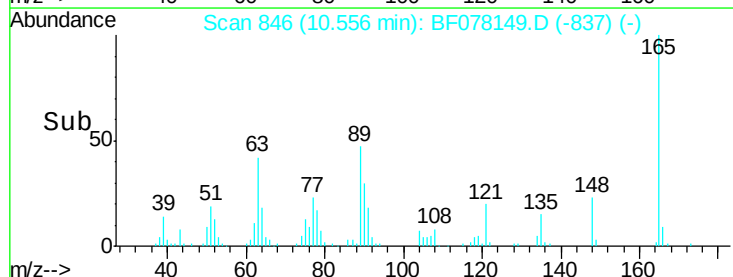
89 46.7 44.3 66.5

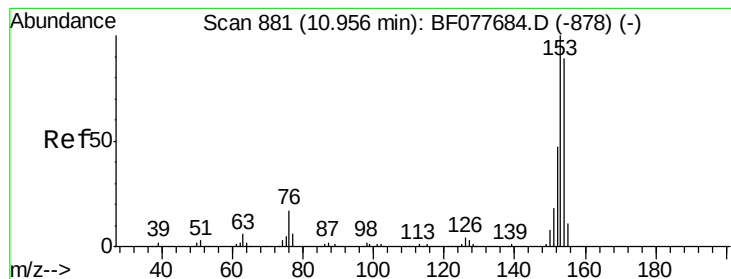


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.61 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

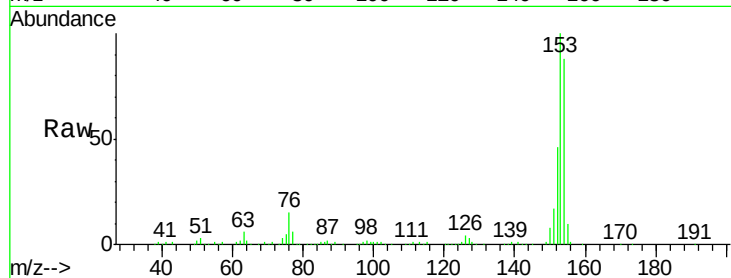
Tot Ion:154 Resp: 171700

Ion Ratio Lower Upper

154 100

153 113.1 90.0 135.0

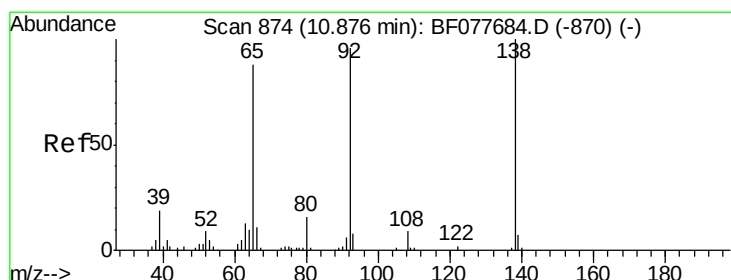
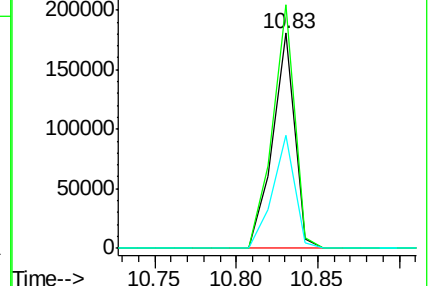
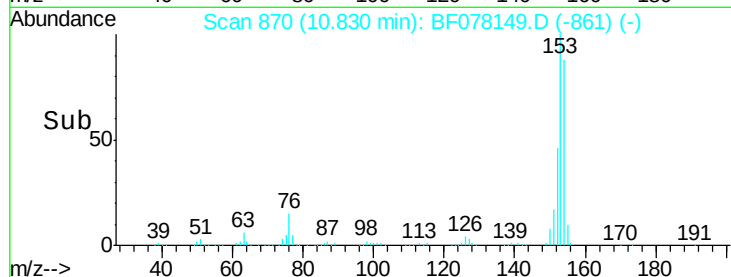
152 52.3 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.03 ng

RT: 10.75 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

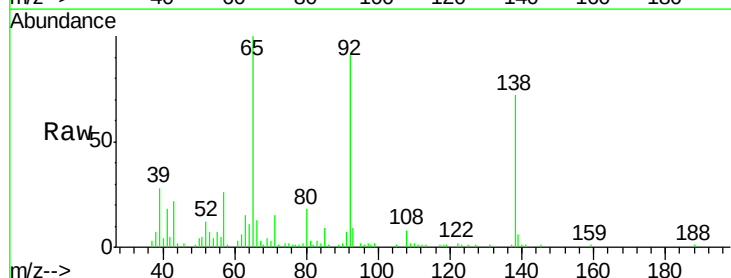
Tgt Ion:138 Resp: 42939

Ion Ratio Lower Upper

138 100

108 11.1 7.3 10.9#

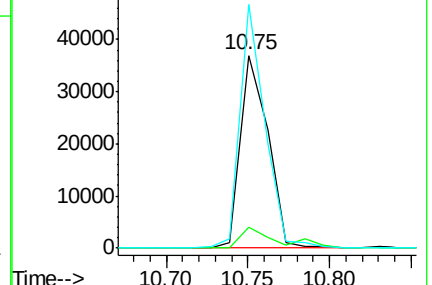
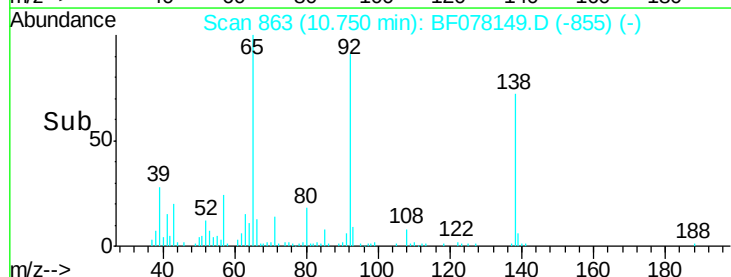
92 126.5 76.6 114.8#

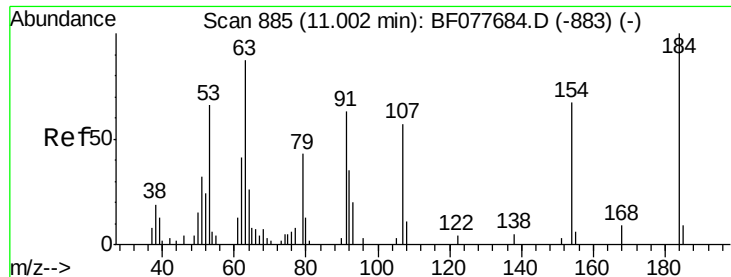


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

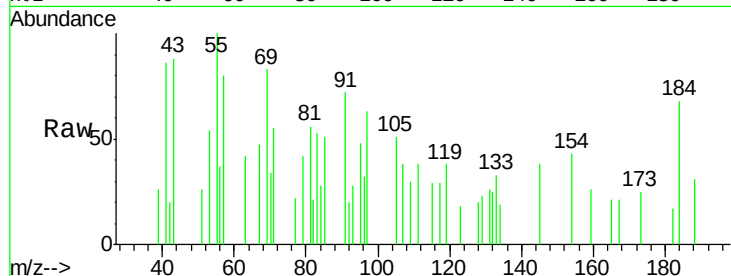




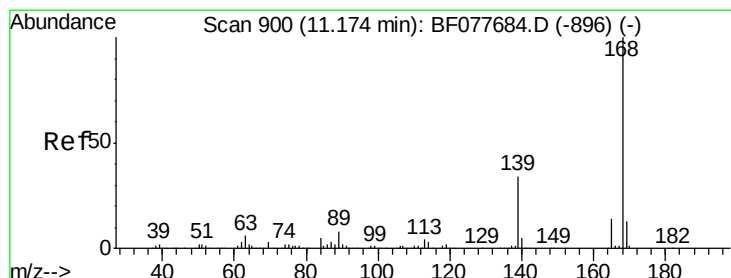
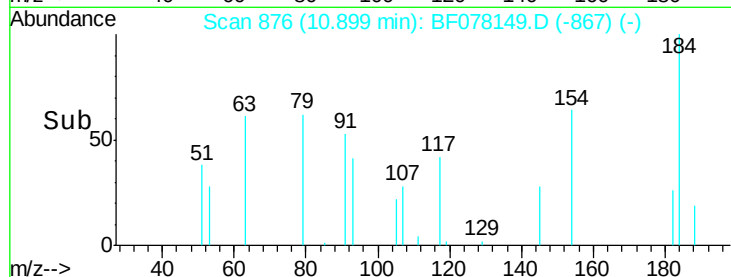
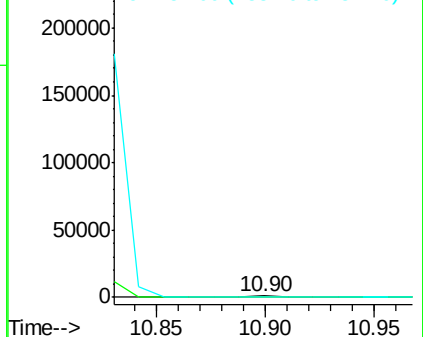
#53  
 2,4-Dinitrophenol  
 Concen: 11.03 ng  
 RT: 10.90 min Scan# 876  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Tot Ion:184 Resp: 1497  
 Ion Ratio Lower Upper  
 184 100  
 63 60.9 69.2 103.8#  
 154 63.7 53.3 79.9

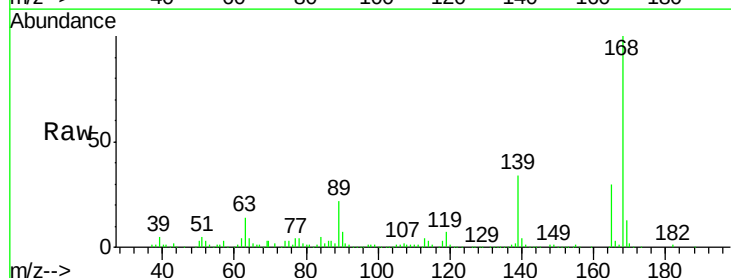


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

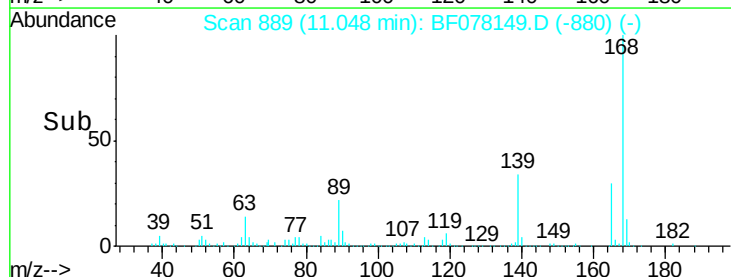
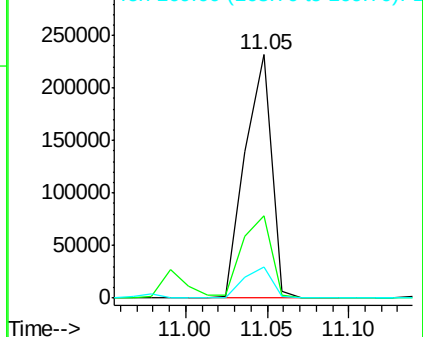


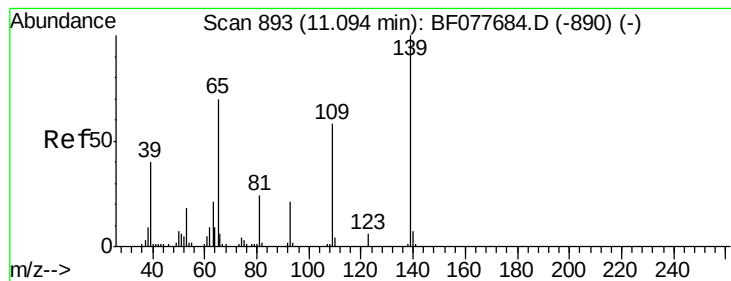
#54  
 Dibenzofuran  
 Concen: 35.51 ng  
 RT: 11.05 min Scan# 889  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion:168 Resp: 261234  
 Ion Ratio Lower Upper  
 168 100  
 139 33.9 27.3 40.9  
 169 12.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 29.73 ng

RT: 10.99 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

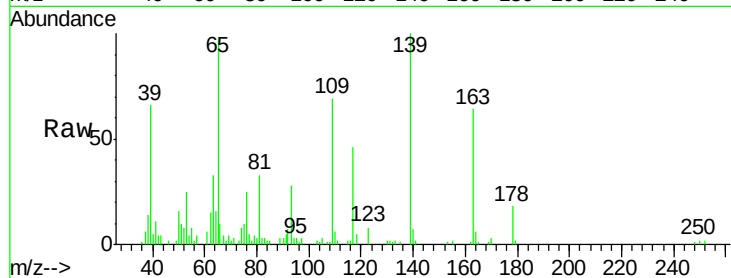
Tot Ion:139 Resp: 31496

Ion Ratio Lower Upper

139 100

109 68.8 37.7 77.7

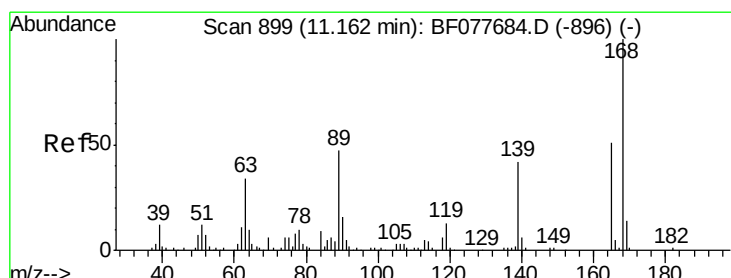
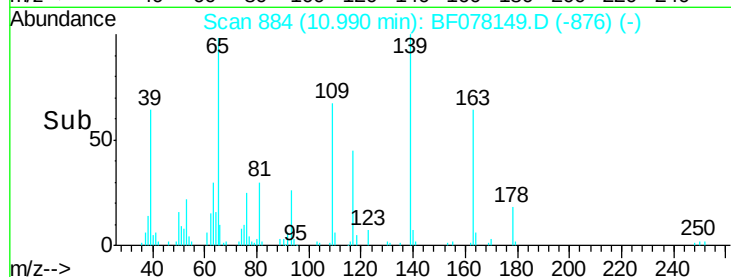
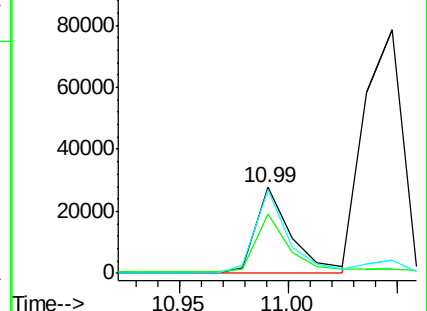
65 97.5 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 38.07 ng

RT: 11.05 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Tgt Ion:165 Resp: 61121

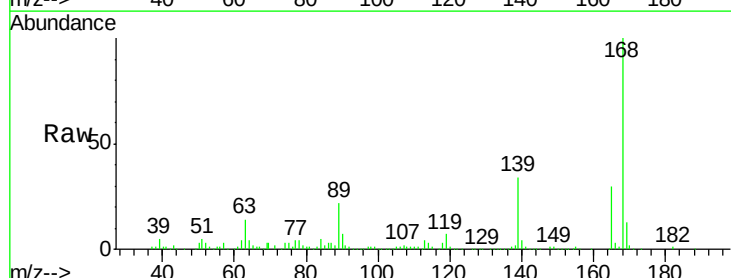
Ion Ratio Lower Upper

165 100

63 44.7 52.4 78.6#

89 70.9 72.4 108.6#

182 2.4 2.0 3.0

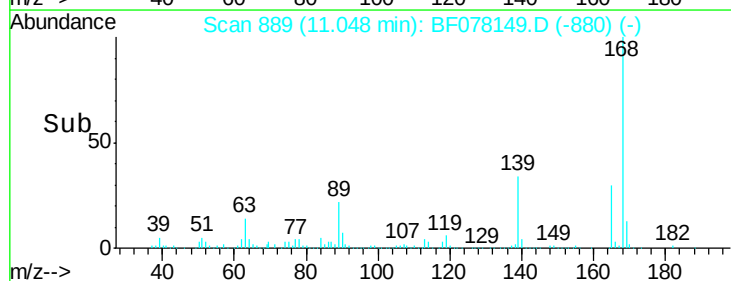
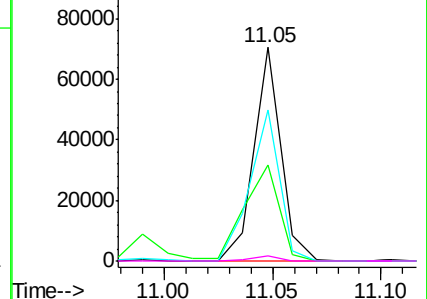


Abundance Ion 165.00 (164.70 to 165.70): E

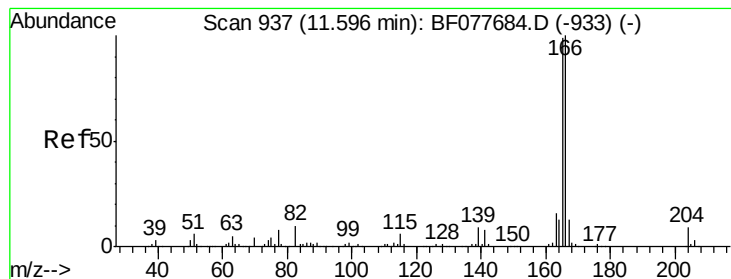
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 34.54 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

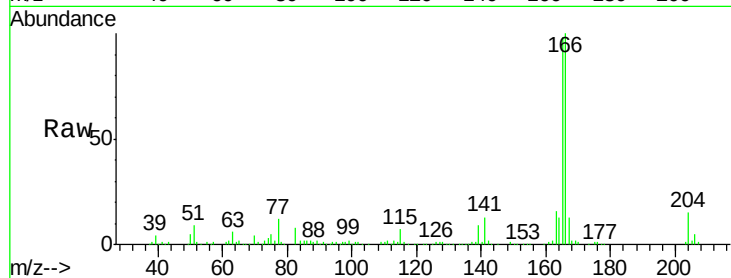
Tot Ion:166 Resp: 210987

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

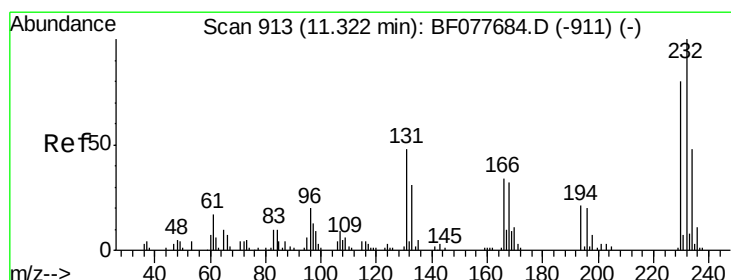
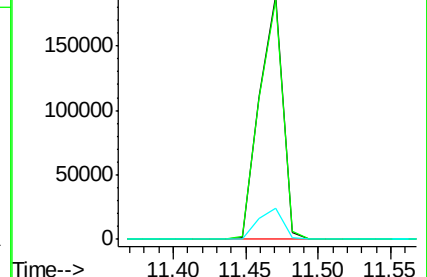
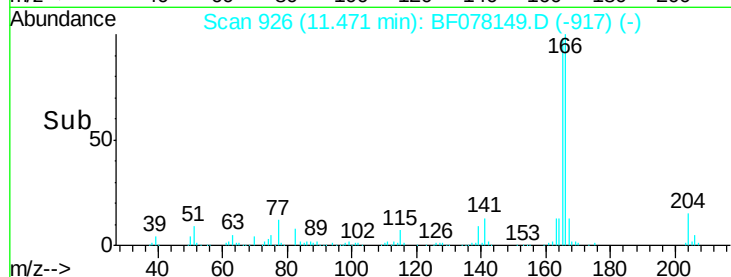
167 13.0 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 15.05 ng

RT: 11.21 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Tgt Ion:232 Resp: 20714

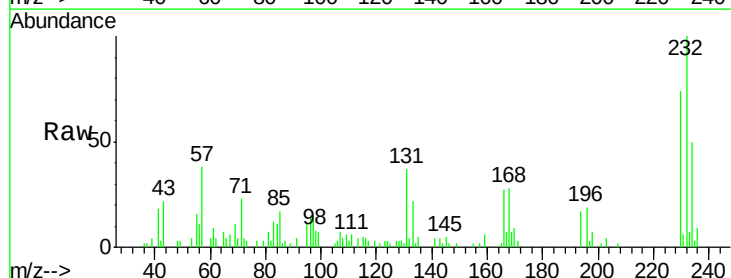
Ion Ratio Lower Upper

232 100

131 52.6 0.0 0.0#

130 3.0 0.0 0.0#

166 32.3 0.0 0.0#

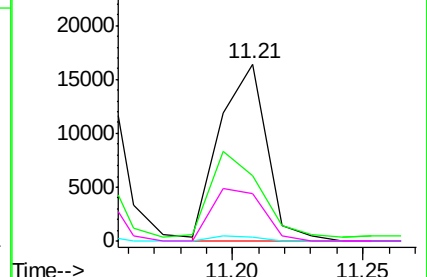
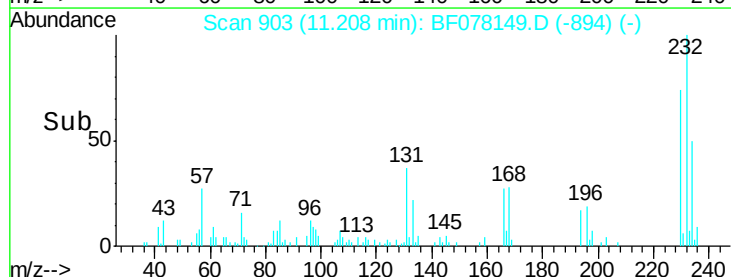


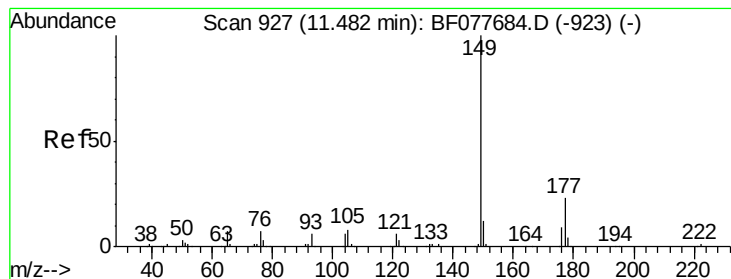
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 35.77 ng

RT: 11.36 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

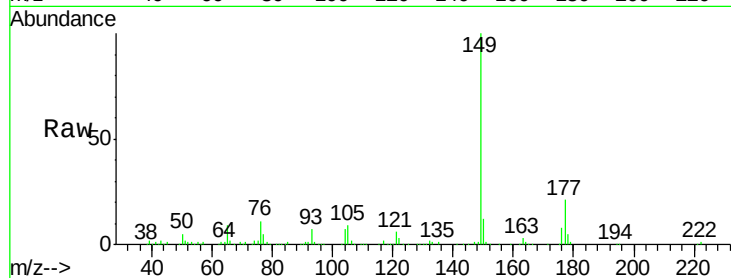
Tot Ion:149 Resp: 207041

Ion Ratio Lower Upper

149 100

177 21.2 18.3 27.5

150 12.0 9.8 14.8

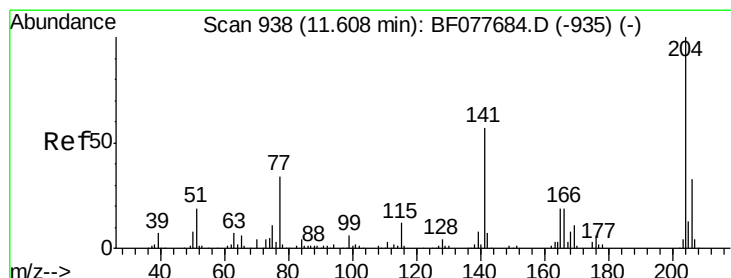
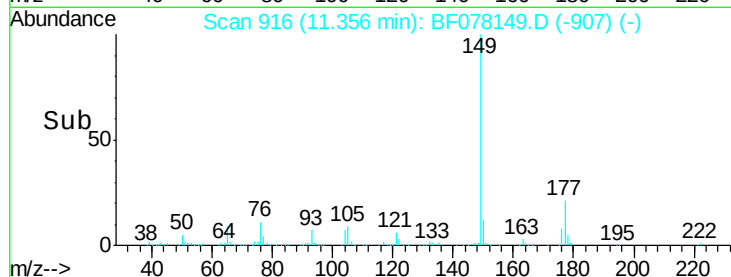
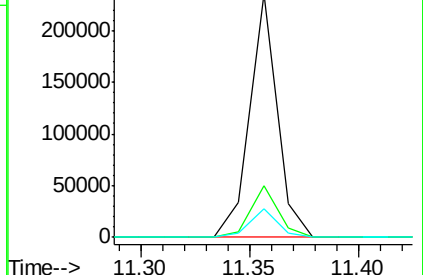


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 35.15 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

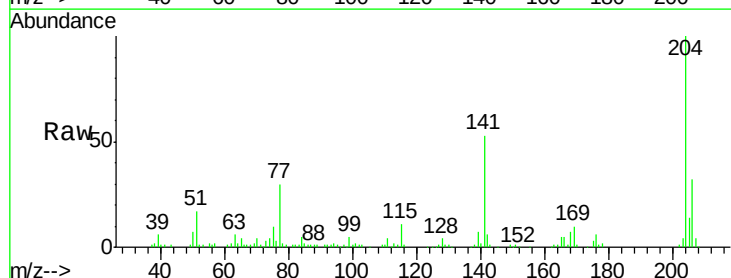
Tgt Ion:204 Resp: 97995

Ion Ratio Lower Upper

204 100

206 32.4 26.6 39.8

141 52.8 45.2 67.8

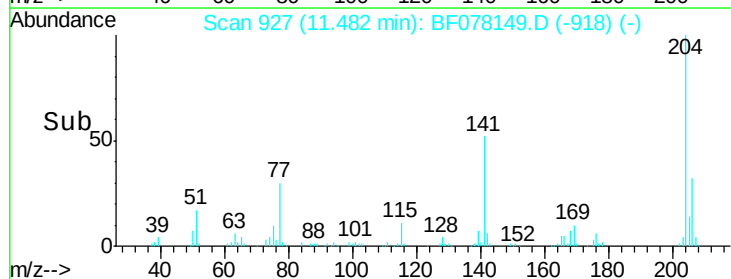
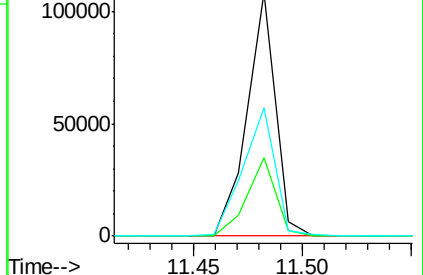


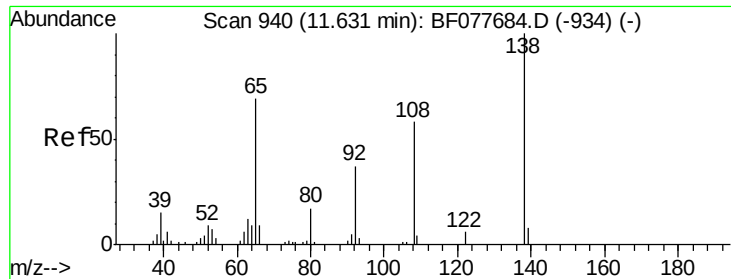
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->

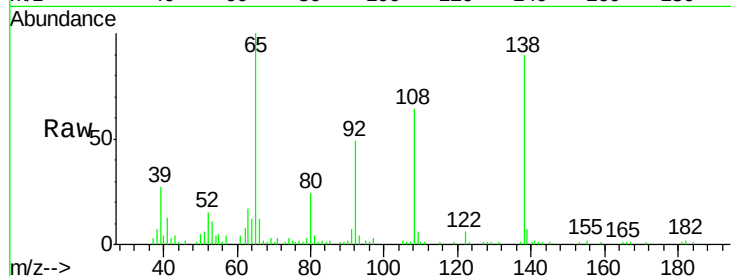




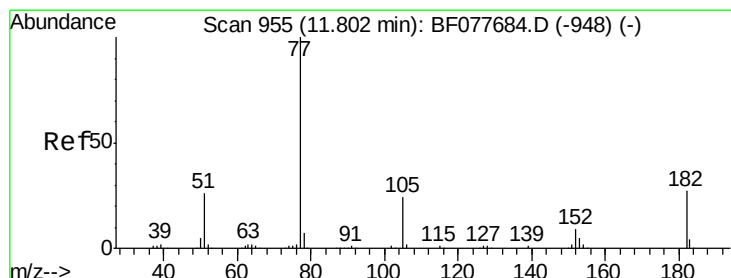
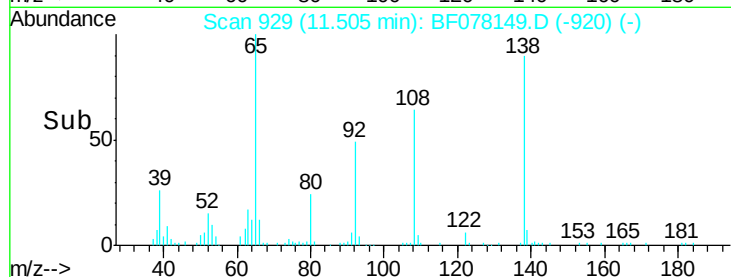
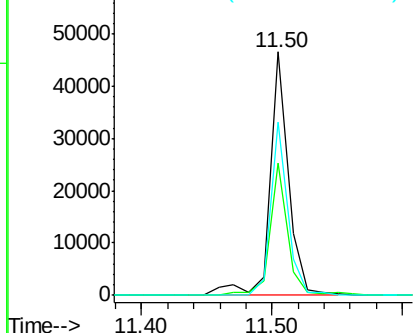
#61  
4-Nitroaniline  
Concen: 32.66 ng  
RT: 11.50 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

Tot Ion:138 Resp: 46551  
Ion Ratio Lower Upper  
138 100  
92 54.1 16.7 56.7  
108 71.2 37.6 77.6

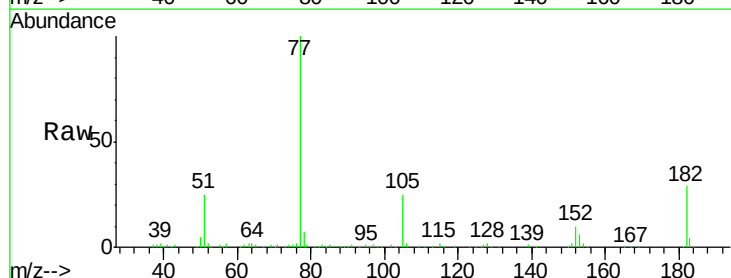


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

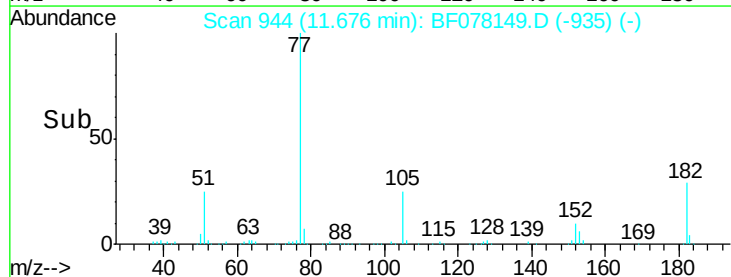
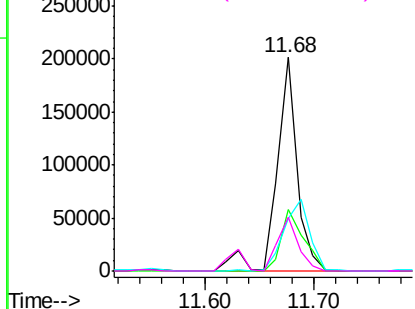


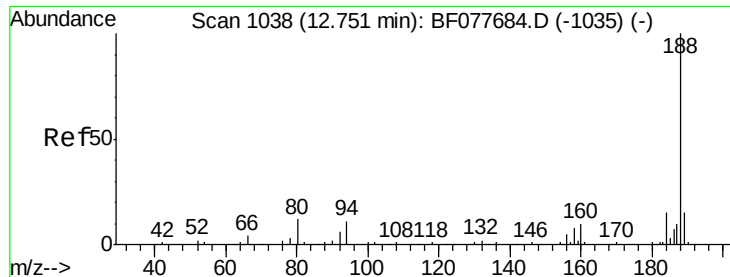
#62  
Azobenzene  
Concen: 47.22 ng  
RT: 11.68 min Scan# 944  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion: 77 Resp: 261190  
Ion Ratio Lower Upper  
77 100  
182 28.5 6.5 46.5  
105 24.8 3.8 43.8  
51 25.5 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

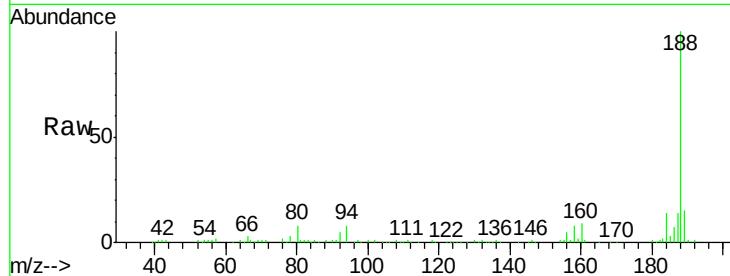




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.62 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

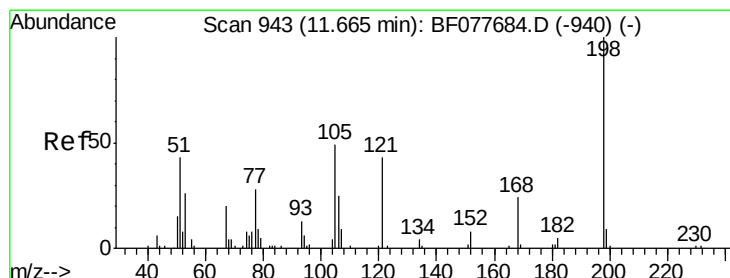
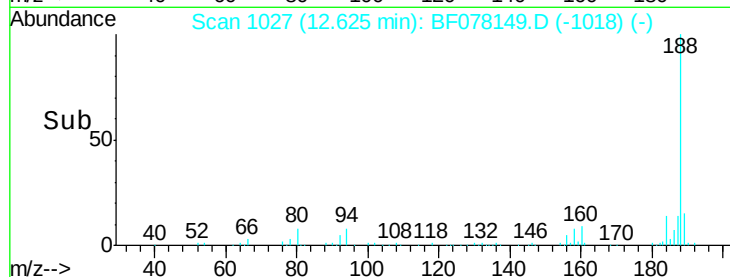
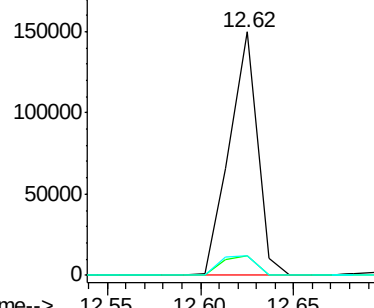
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.1   | 8.7   | 13.1# |
| 80      | 8.1   | 9.3   | 13.9# |



Abundance Ion 188.00 (187.70 to 188.70): E

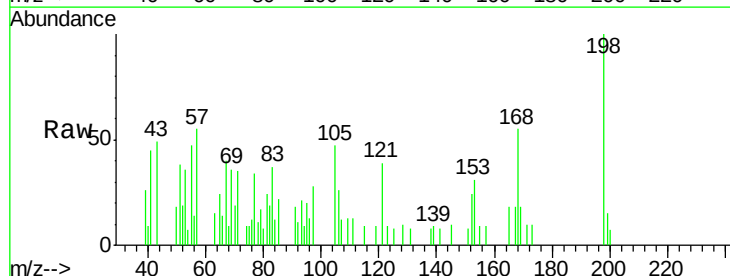
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 9.40 ng  
RT: 11.55 min Scan# 933  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

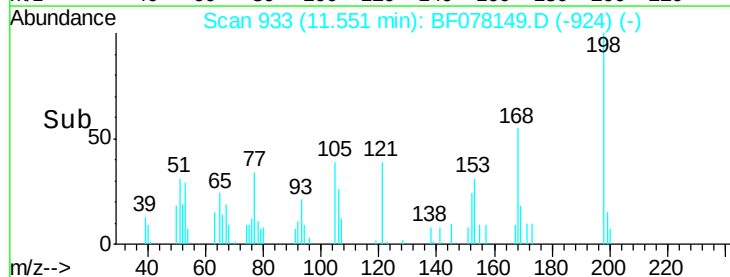
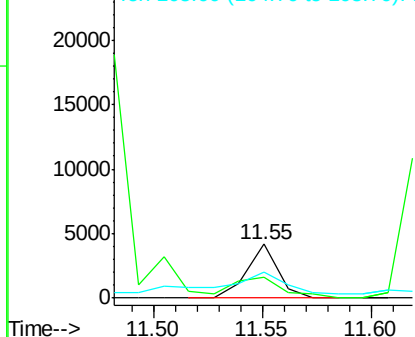
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.5  | 28.8  | 68.8  |
| 105     | 47.1  | 30.5  | 70.5  |

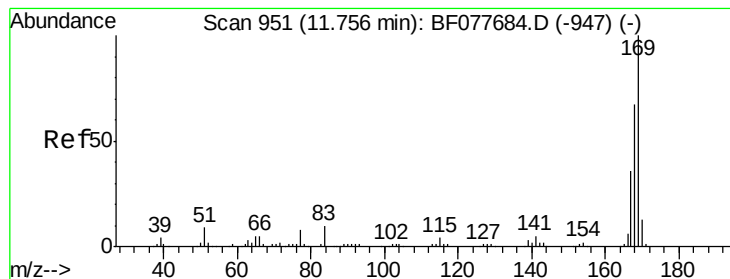


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.12 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

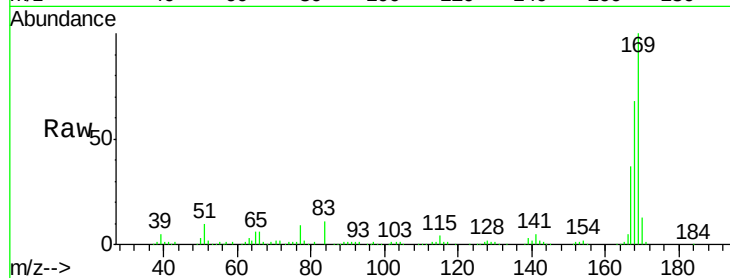
Tot Ion:169 Resp: 187551

Ion Ratio Lower Upper

169 100

168 67.5 53.9 80.9

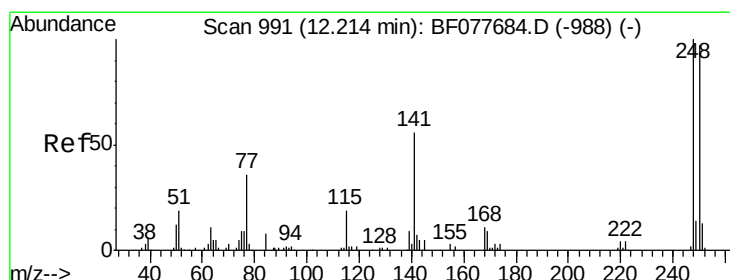
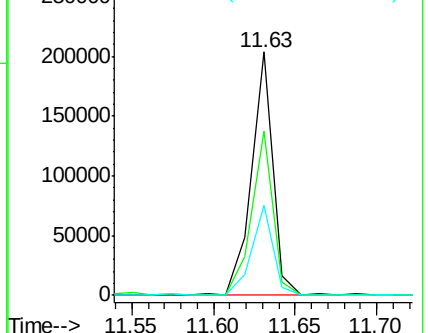
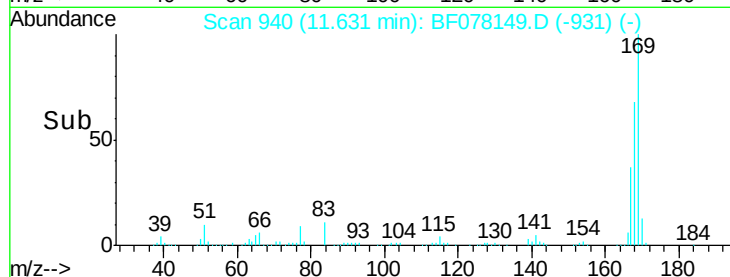
167 37.1 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.41 ng

RT: 12.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

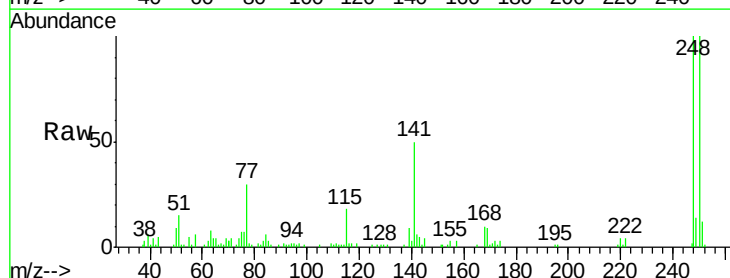
Tgt Ion:248 Resp: 57269

Ion Ratio Lower Upper

248 100

250 99.6 77.4 116.0

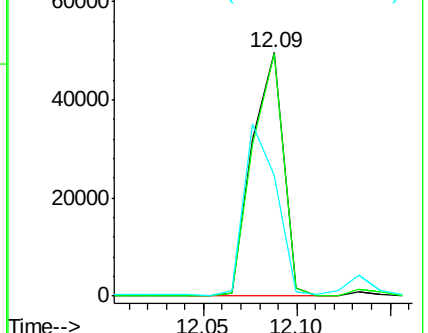
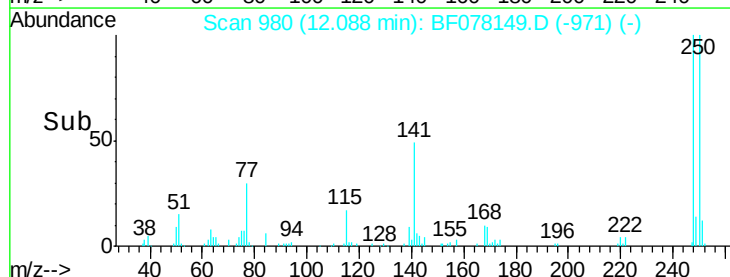
141 49.7 45.2 67.8

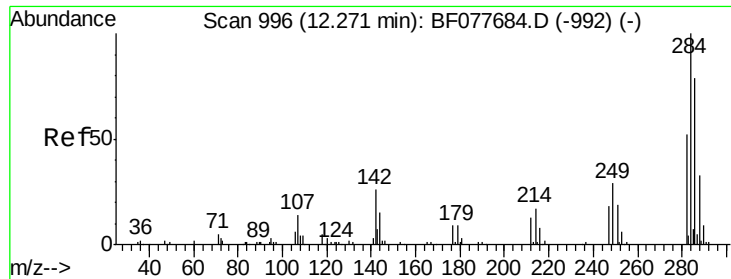


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

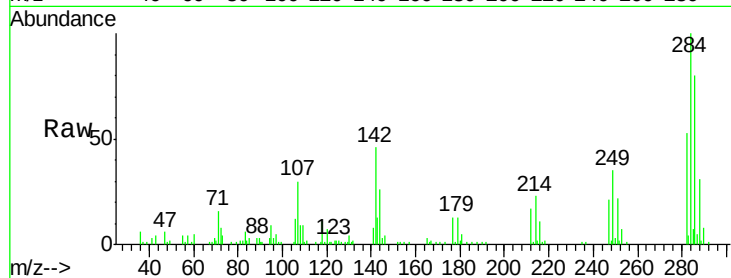




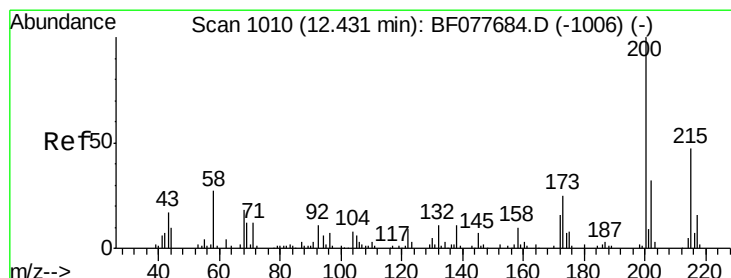
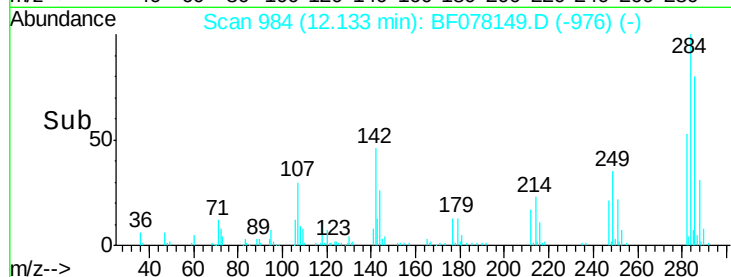
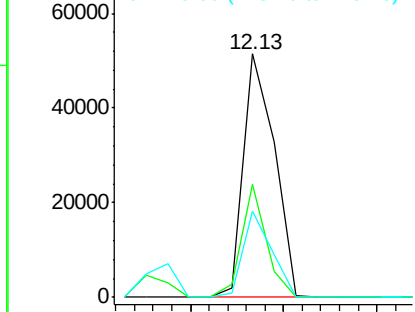
#67  
Hexachlorobenzene  
Concen: 32.61 ng  
RT: 12.13 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

Tot Ion:284 Resp: 59631  
Ion Ratio Lower Upper  
284 100  
142 46.2 20.4 30.6#  
249 35.1 23.8 35.6

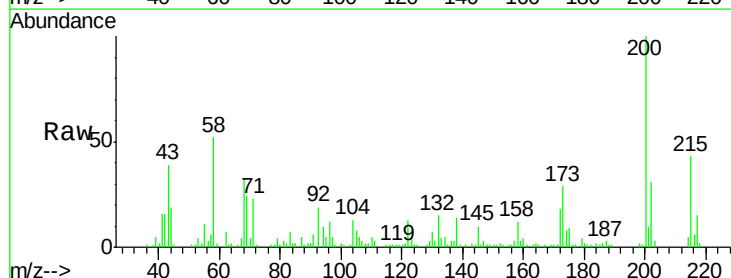


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

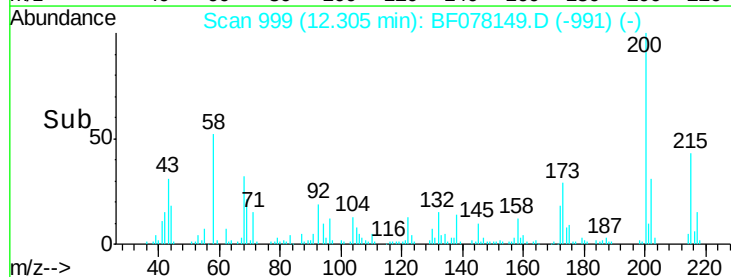
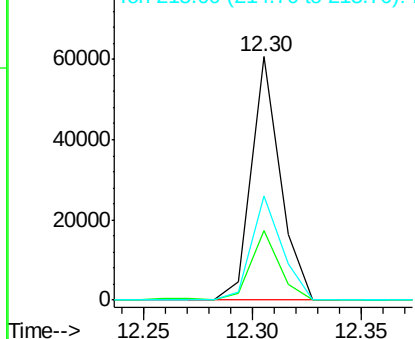


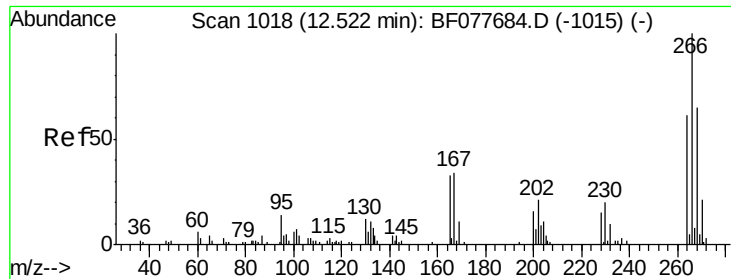
#68  
Atrazine  
Concen: 38.54 ng  
RT: 12.30 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion:200 Resp: 56083  
Ion Ratio Lower Upper  
200 100  
173 28.5 4.8 44.8  
215 42.9 26.9 66.9



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

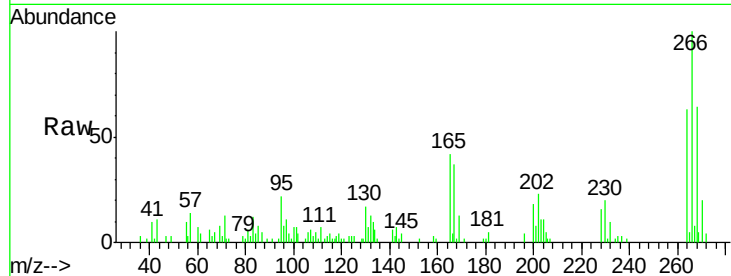




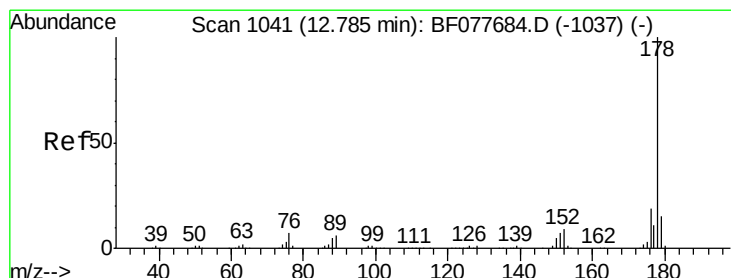
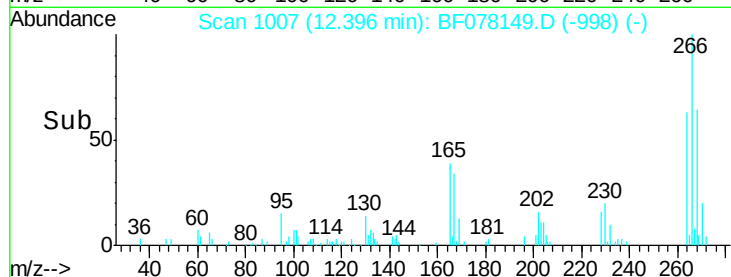
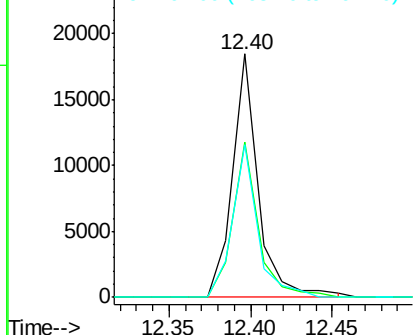
#69  
 Pentachlorophenol  
 Concen: 23.29 ng  
 RT: 12.40 min Scan# 1007  
 Delta R.T. -0.00 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Tot Ion:266 Resp: 20132  
 Ion Ratio Lower Upper  
 266 100  
 268 63.9 52.0 78.0  
 264 62.9 49.0 73.4

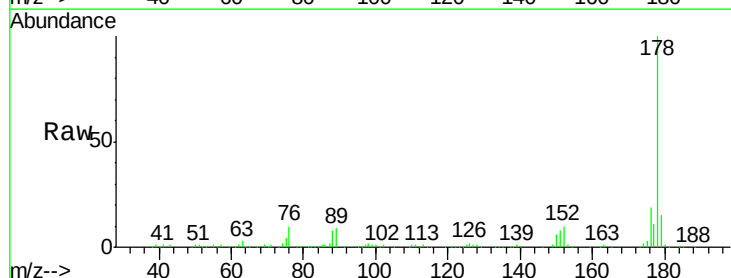


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

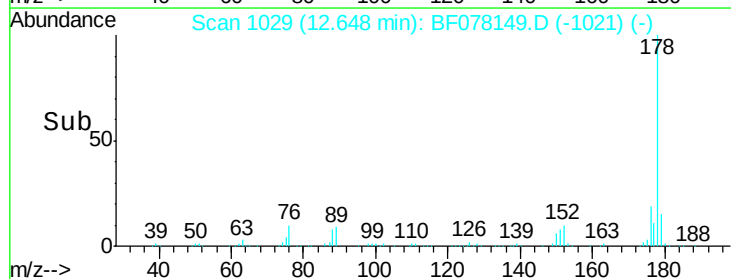
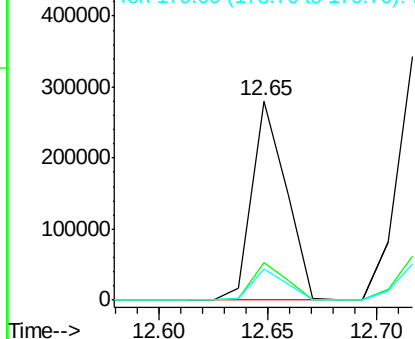


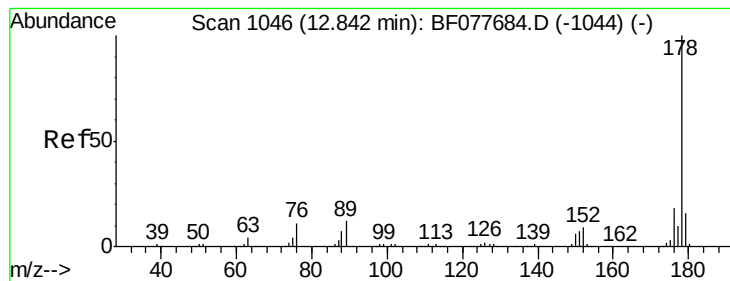
#70  
 Phenanthrene  
 Concen: 34.45 ng  
 RT: 12.65 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion:178 Resp: 308468  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.2 22.8  
 179 15.5 12.1 18.1



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: 35.55 ng

RT: 12.72 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

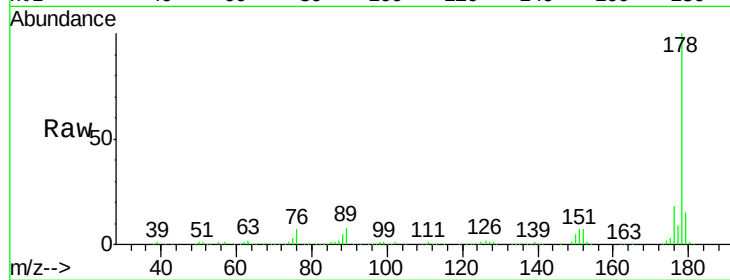
BNA\_F

ClientSampleId :

SB2(1-2)MSD

Tot Ion:178 Resp: 314488

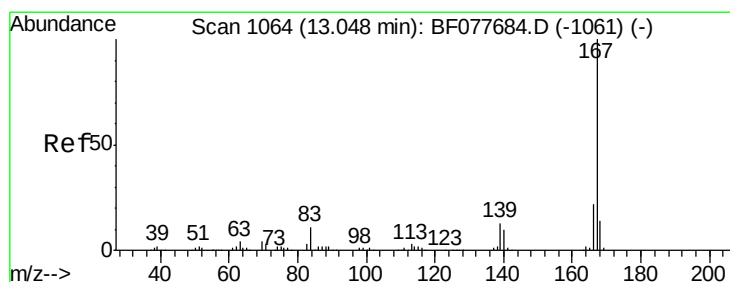
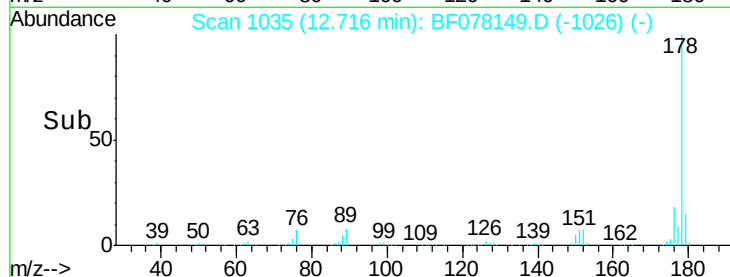
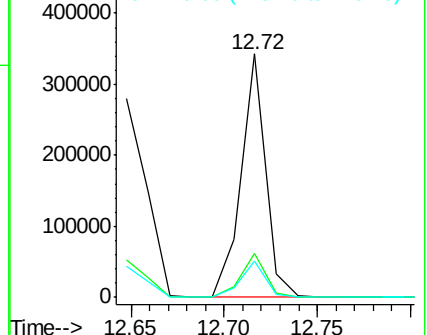
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.3  | 14.6  | 22.0  |
| 179 | 15.1  | 12.6  | 19.0  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.32 ng

RT: 12.92 min Scan# 1053

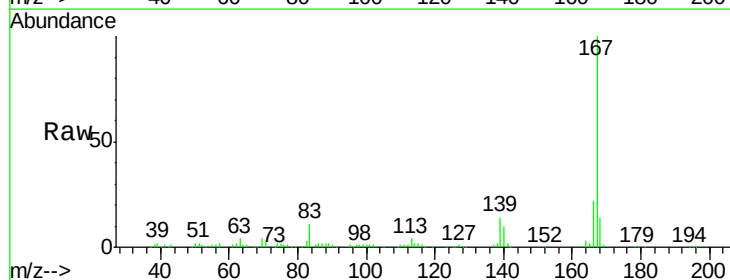
Delta R.T. -0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Tgt Ion:167 Resp: 288745

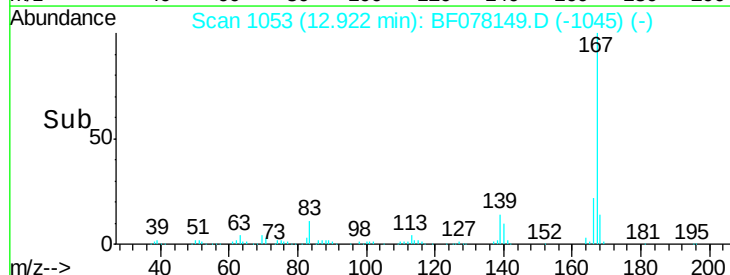
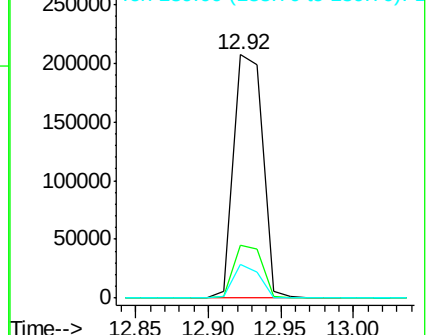
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.2  | 25.8  |
| 139 | 13.6  | 10.8  | 16.2  |



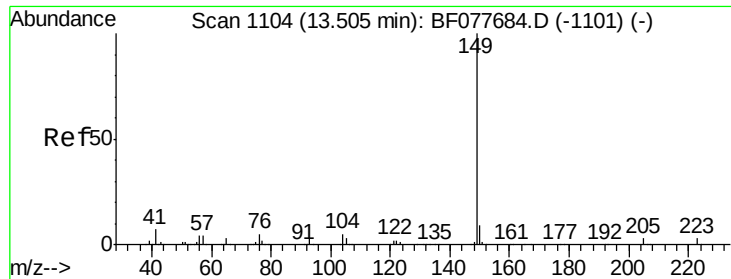
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



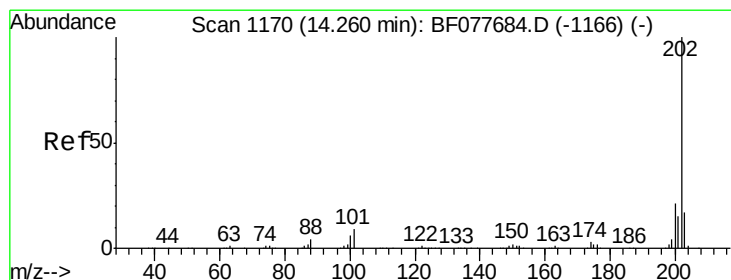
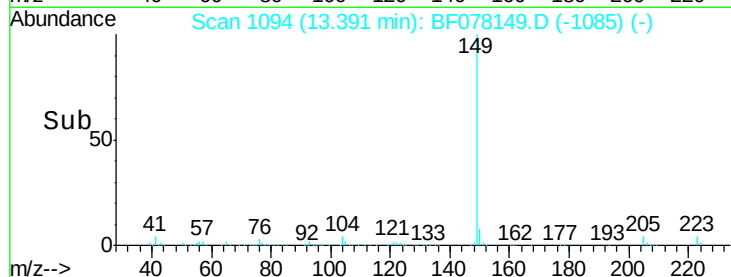
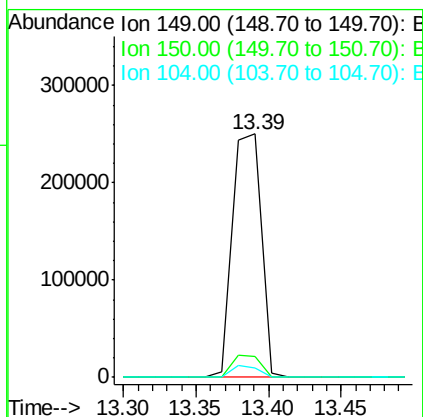
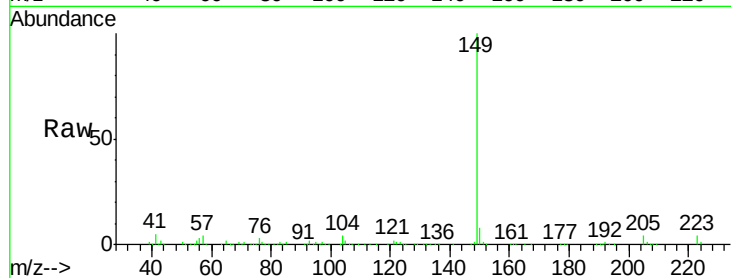




#73  
Di-n-butylphthalate  
Concen: 36.88 ng  
RT: 13.39 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

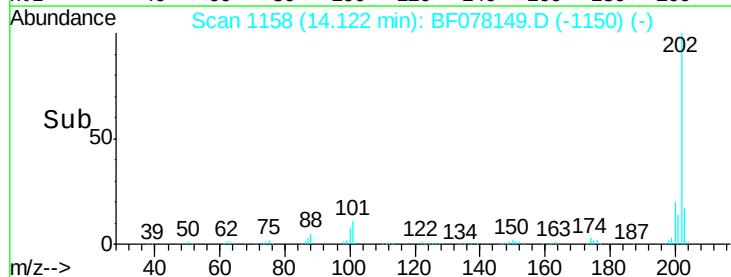
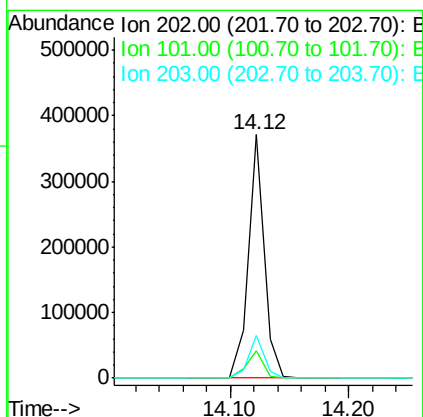
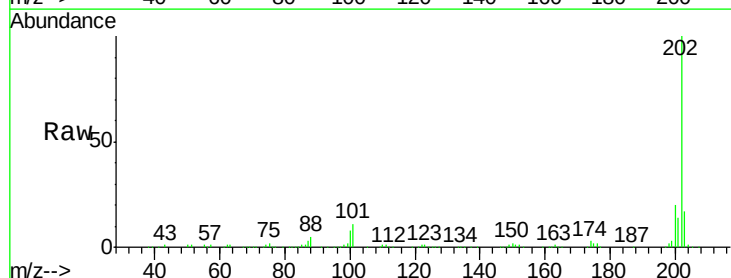
Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

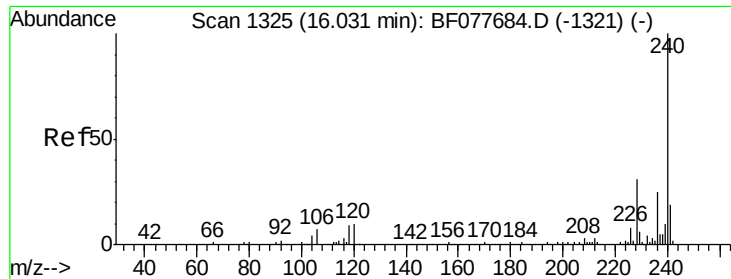
Tot Ion:149 Resp: 347912  
Ion Ratio Lower Upper  
149 100  
150 8.5 7.5 11.3  
104 3.7 3.7 5.5



#74  
Fluoranthene  
Concen: 35.22 ng  
RT: 14.12 min Scan# 1158  
Delta R.T. -0.01 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion:202 Resp: 347821  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 28.7  
203 17.4 0.0 37.2

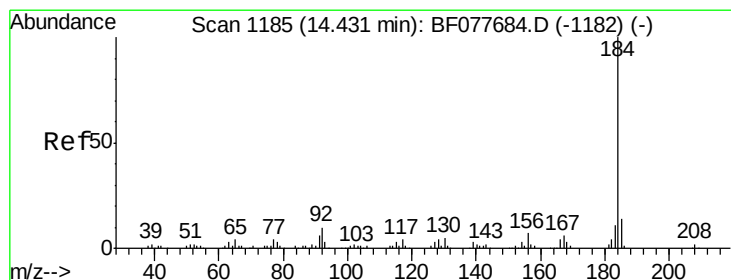
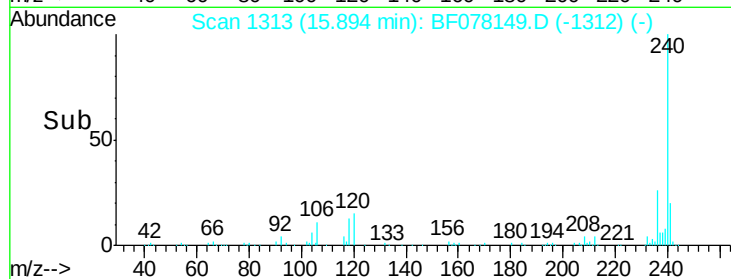
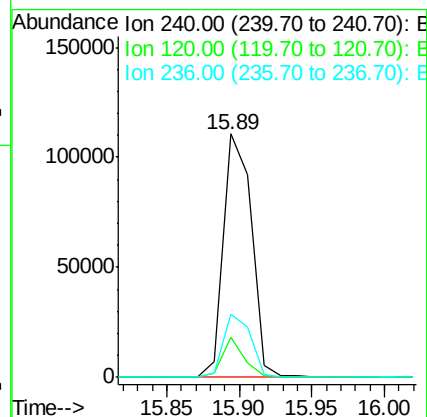
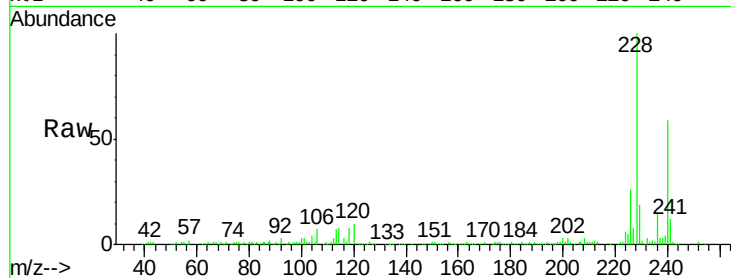




#75  
Chrysene-d12  
Concen: 20.00 ng/mL  
RT: 15.89 min Scan# 1313  
Delta R.T. -0.09 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

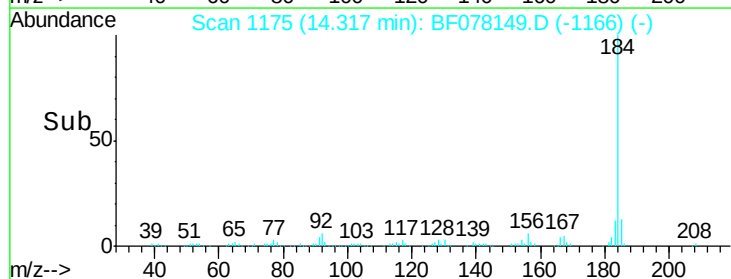
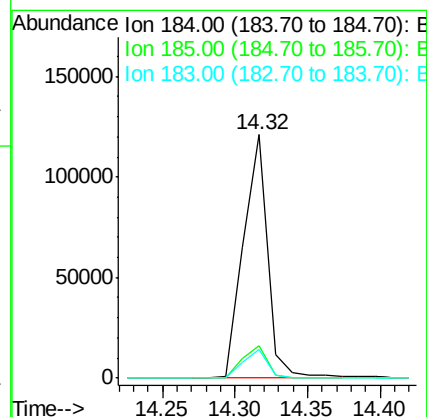
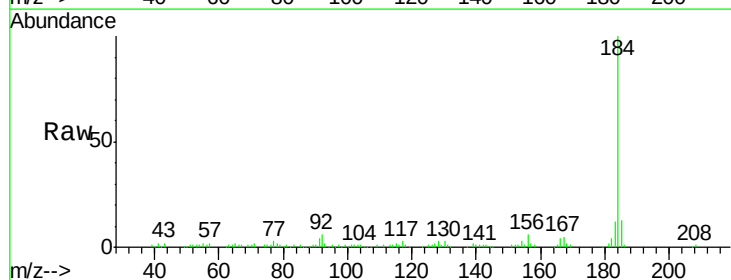
Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

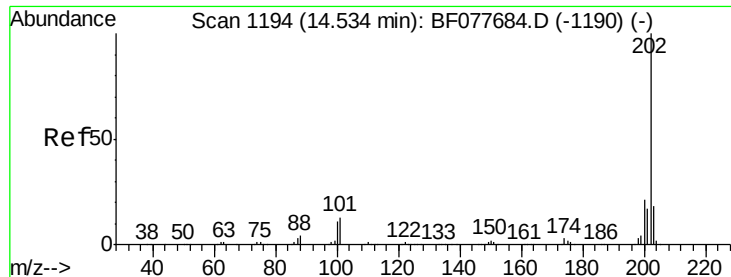
Tot Ion:240 Resp: 149296  
Ion Ratio Lower Upper  
240 100  
120 16.3 8.2 12.2#  
236 26.1 20.0 30.0



#76  
Benzidine  
Concen: 38.13 ng  
RT: 14.32 min Scan# 1175  
Delta R.T. -0.00 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion:184 Resp: 140899  
Ion Ratio Lower Upper  
184 100  
185 13.4 11.3 16.9  
183 11.7 8.9 13.3





#77

Pvrene

Concen: 37.09 ng

RT: 14.40 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

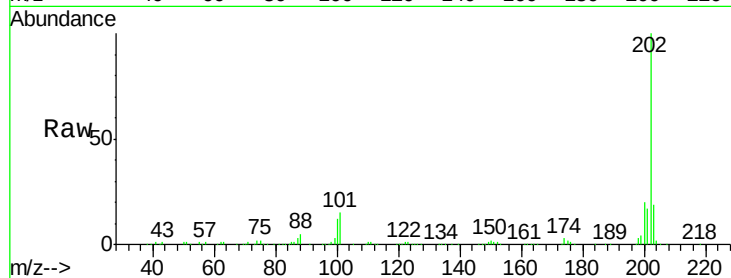
Tot Ion:202 Resp: 348216

Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

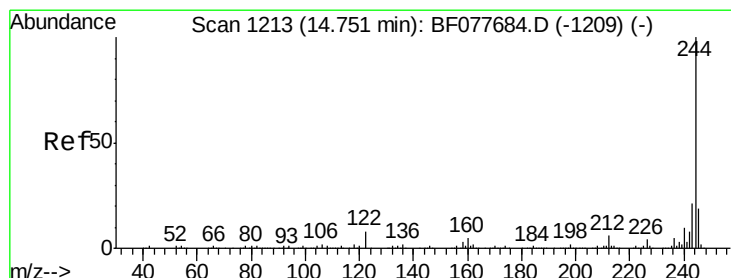
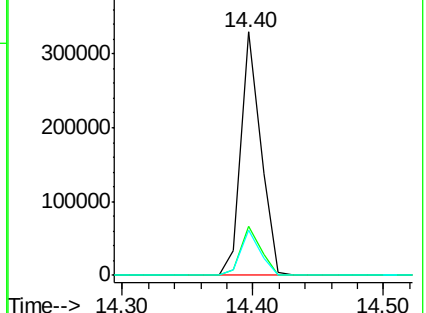
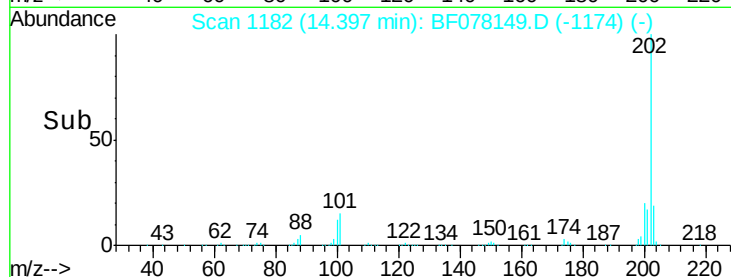
203 18.7 14.1 21.1



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: 66.60 ng

RT: 14.61 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

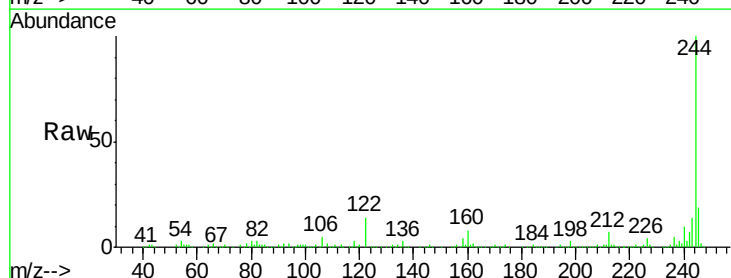
Tgt Ion:244 Resp: 407041

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

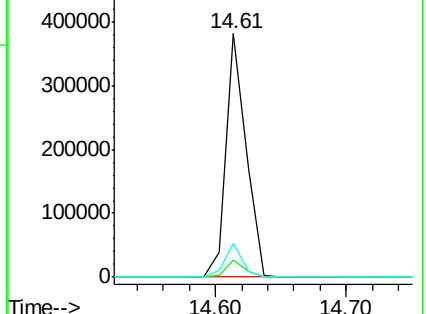
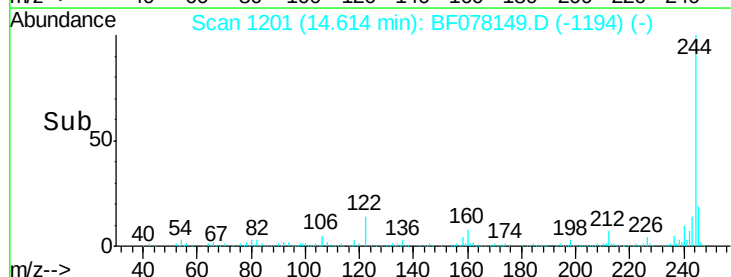
122 13.9 6.2 9.4#

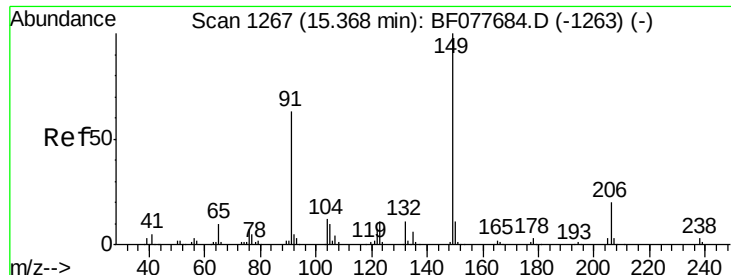


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

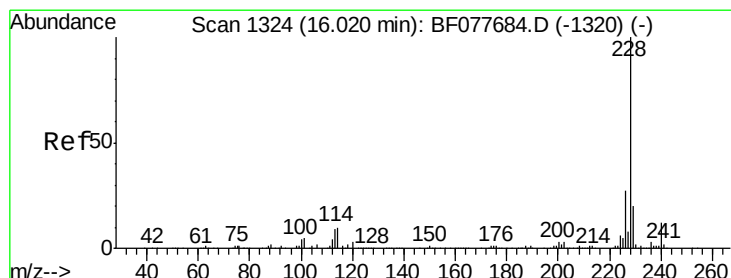
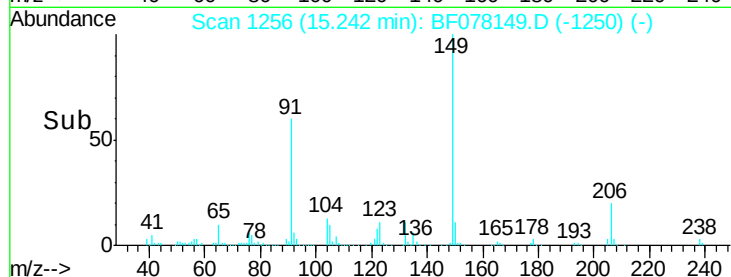
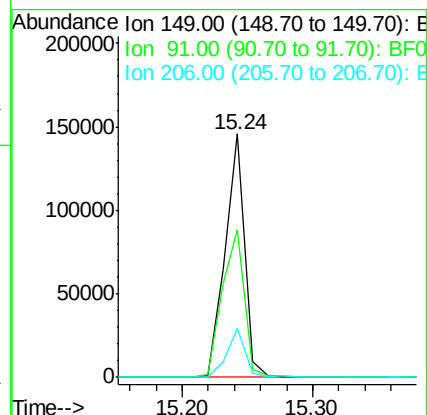
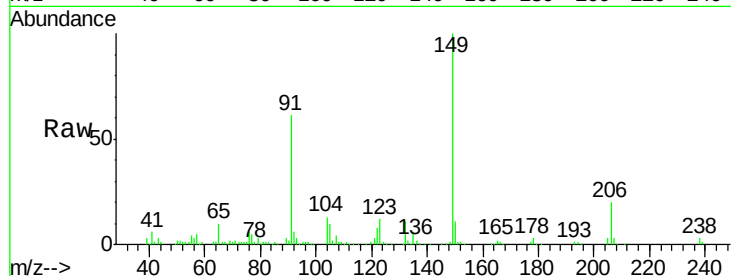




#79  
Butylbenzylphthalate  
Concen: 41.43 ng  
RT: 15.24 min Scan# 1256  
Delta R.T. -0.03 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

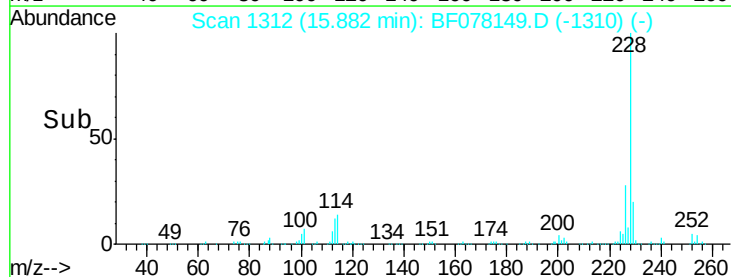
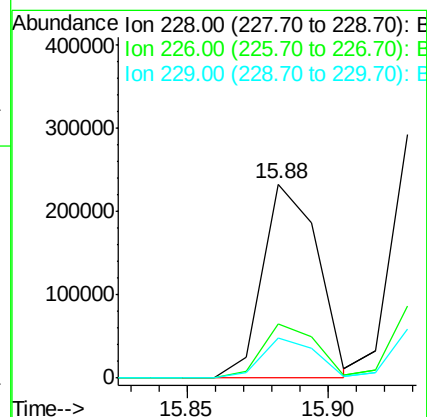
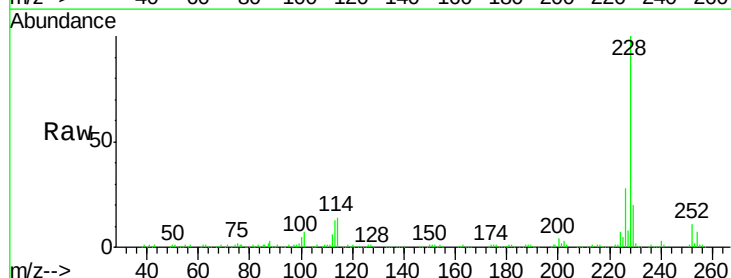
Instrument :  
BNA\_F  
ClientSampleId :  
SB2(1-2)MSD

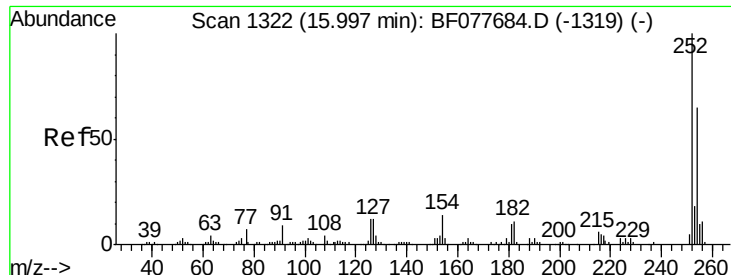
Tot Ion:149 Resp: 153346  
Ion Ratio Lower Upper  
149 100  
91 60.7 50.1 75.1  
206 19.9 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 35.34 ng m  
RT: 15.88 min Scan# 1312  
Delta R.T. -0.08 min  
Lab File: BF078149.D  
Acq: 1 Apr 2015 9:47

Tgt Ion:228 Resp: 312758  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.7 32.5  
229 20.4 16.0 24.0

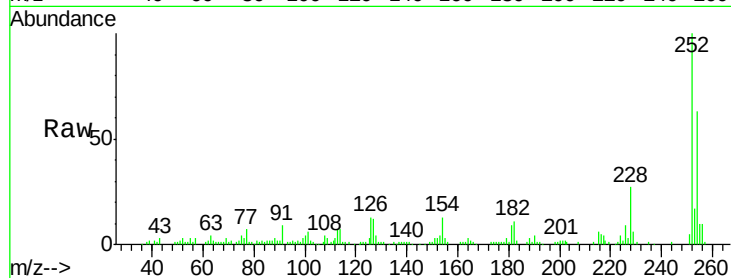




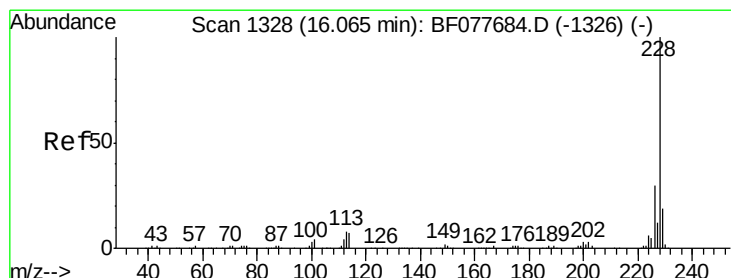
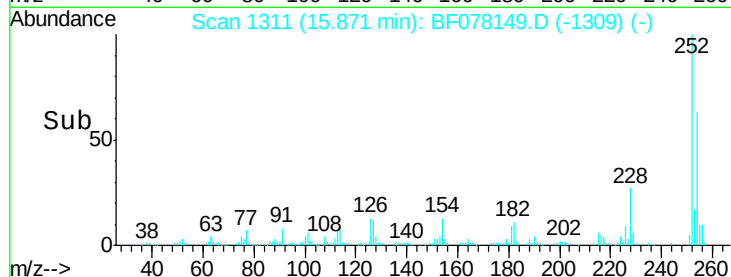
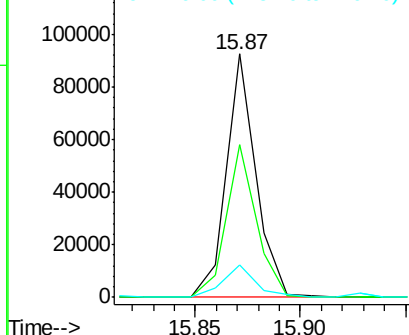
#81  
 3,3'-Dichlorobenzidine  
 Concen: 30.76 ng  
 RT: 15.87 min Scan# 1311  
 Delta R.T. -0.08 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.7  | 51.9  | 77.9  |
| 126     | 13.3  | 9.8   | 14.8  |

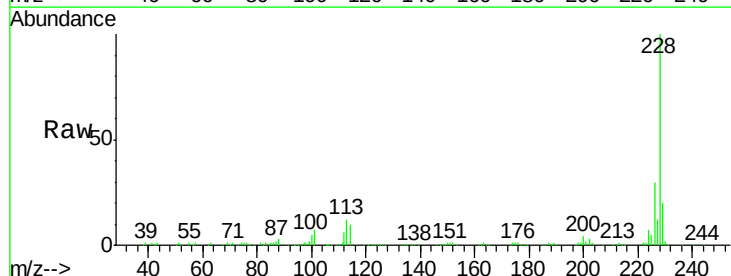


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

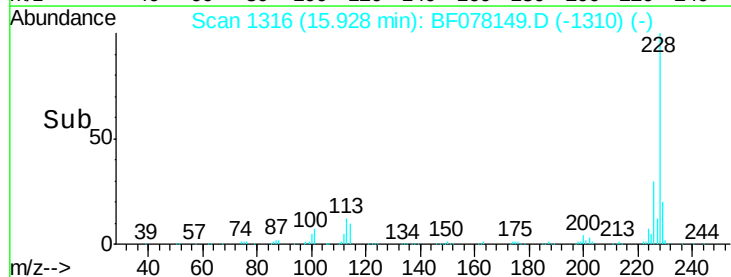
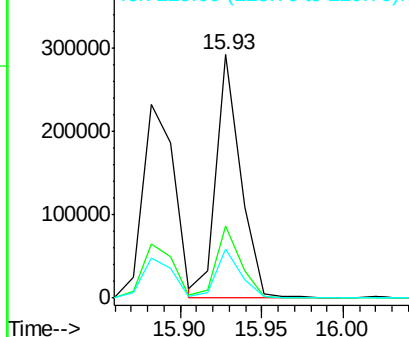


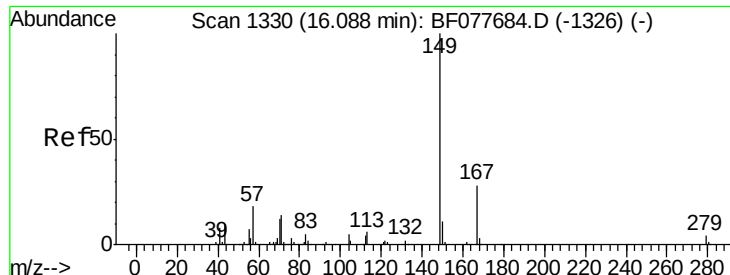
#82  
 Chrysene  
 Concen: 37.92 ng  
 RT: 15.93 min Scan# 1316  
 Delta R.T. -0.03 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 24.1  | 36.1  |
| 229     | 20.1  | 15.5  | 23.3  |



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

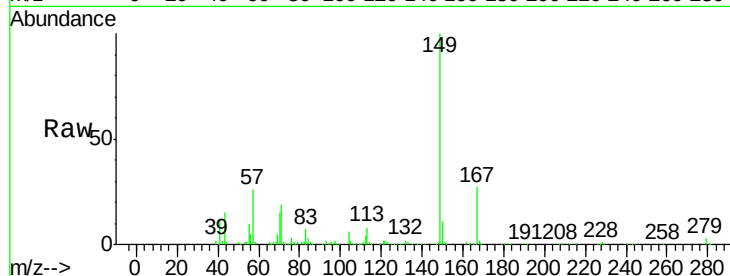




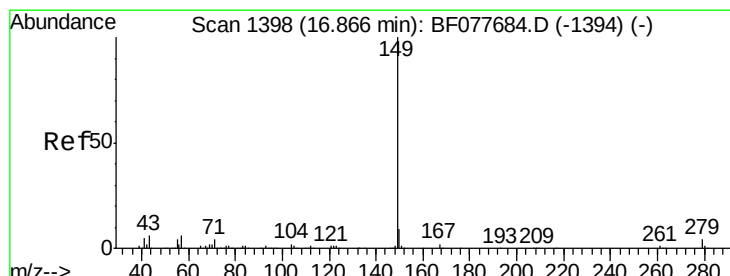
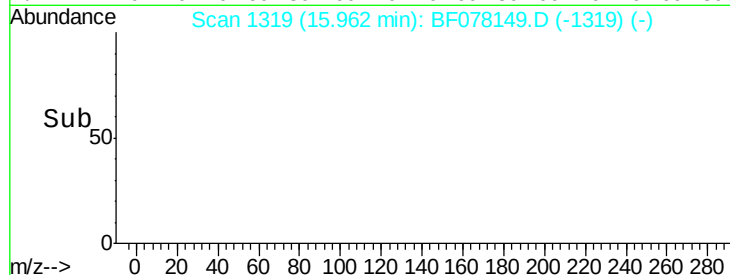
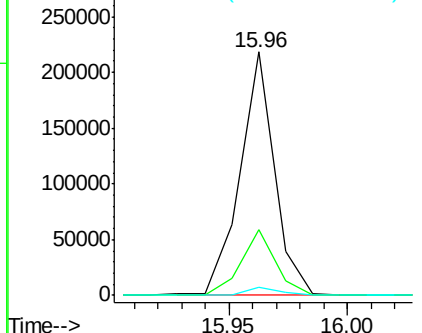
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.70 ng m  
 RT: 15.96 min Scan# 1319  
 Delta R.T. -0.10 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.9  | 22.4  | 33.6  |
| 279     | 3.2   | 3.4   | 5.0   |

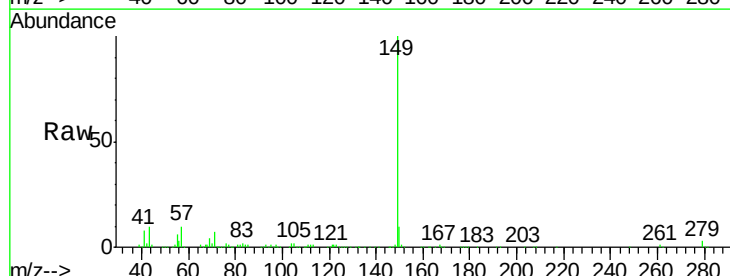


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

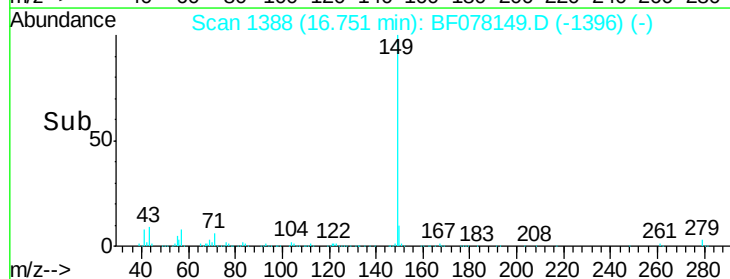
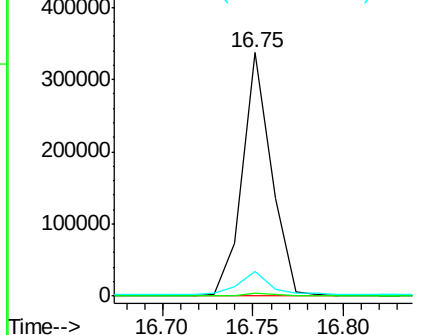


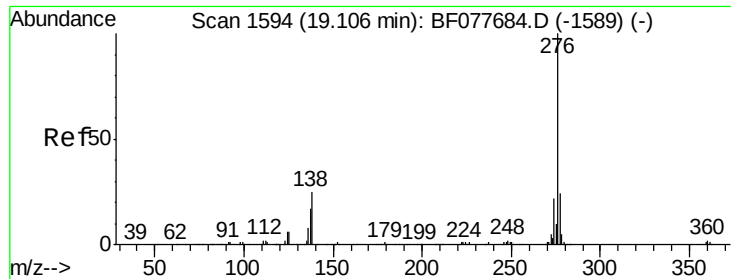
#84  
 Di-n-octyl phthalate  
 Concen: 39.92 ng m  
 RT: 16.75 min Scan# 1388  
 Delta R.T. -0.19 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 0.1   | 1.2   | 1.8   |
| 43      | 0.0   | 7.3   | 10.9  |



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

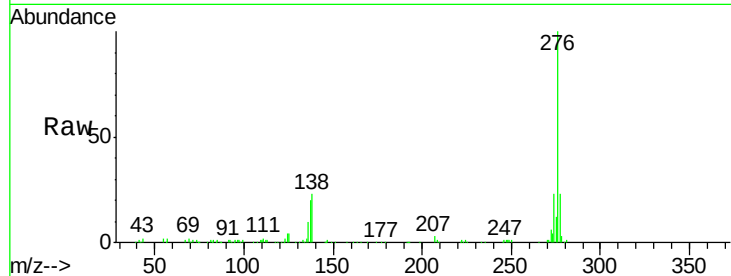




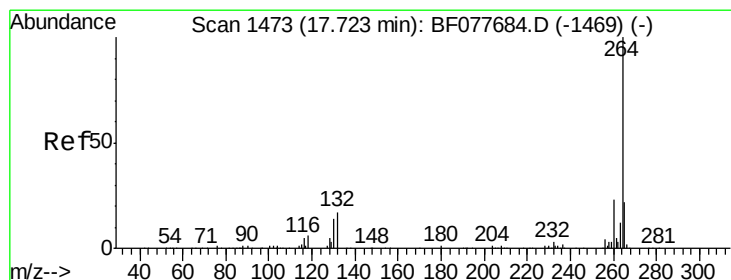
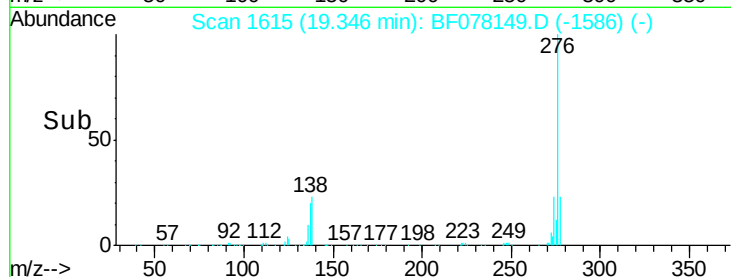
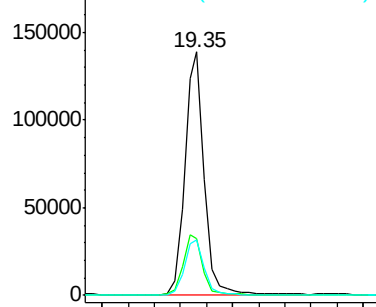
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 29.29 ng  
 RT: 19.35 min Scan# 1615  
 Delta R.T. 0.03 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2(1-2)MSD

Tot Ion:276 Resp: 290924  
 Ion Ratio Lower Upper  
 276 100  
 138 25.4 0.0 0.0#  
 277 23.6 0.0 0.0#

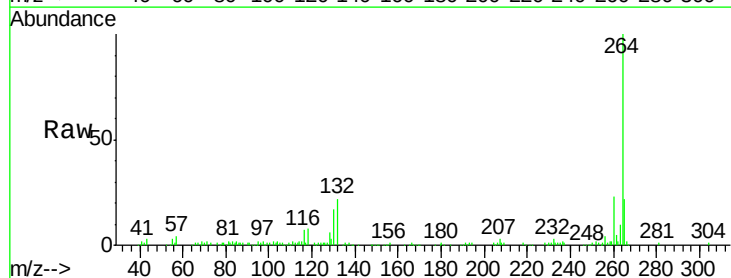


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

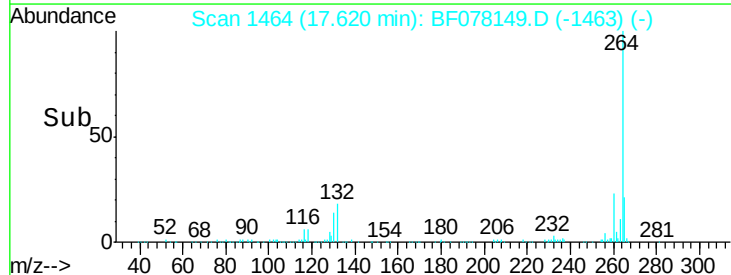
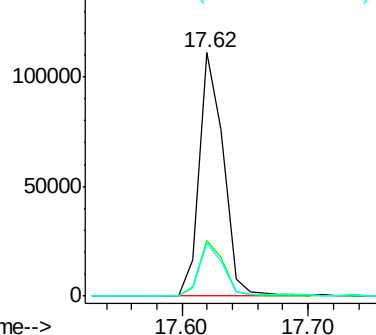


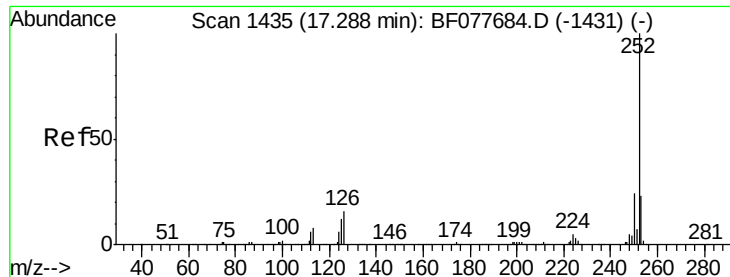
#86  
 Perylene-d12  
 Concen: 20.00 ng m  
 RT: 17.62 min Scan# 1464  
 Delta R.T. -0.29 min  
 Lab File: BF078149.D  
 Acq: 1 Apr 2015 9:47

Tgt Ion:264 Resp: 148617  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.6 27.8  
 265 21.7 17.3 25.9



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: 32.72 ng m

RT: 17.19 min Scan# 1426

Delta R.T. -0.22 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

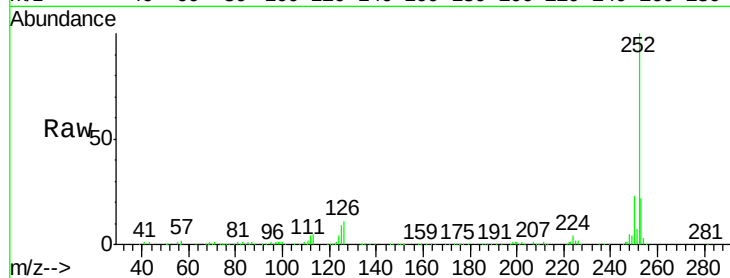
Tot Ion:252 Resp: 317502

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

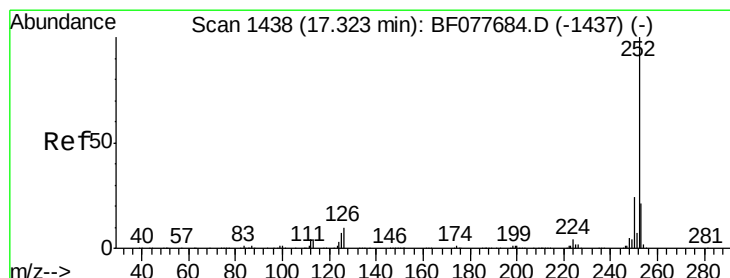
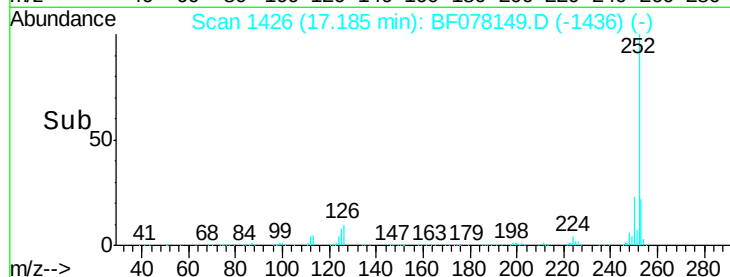
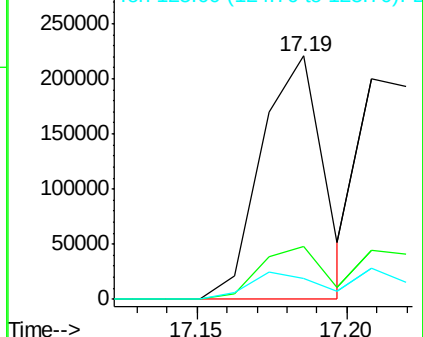
125 8.6 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 38.17 ng m

RT: 17.21 min Scan# 1428

Delta R.T. -0.23 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

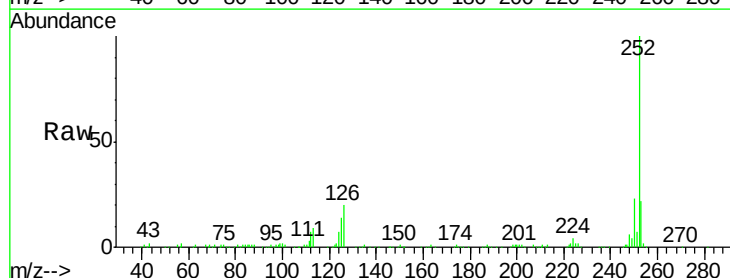
Tgt Ion:252 Resp: 289278

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

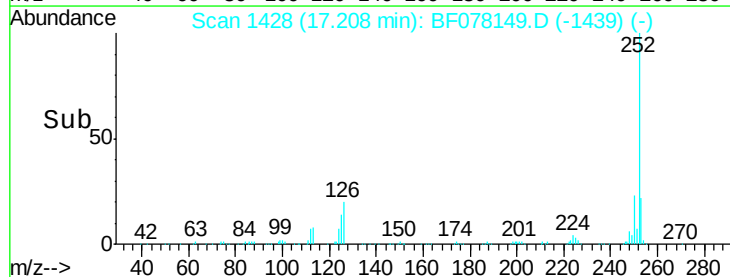
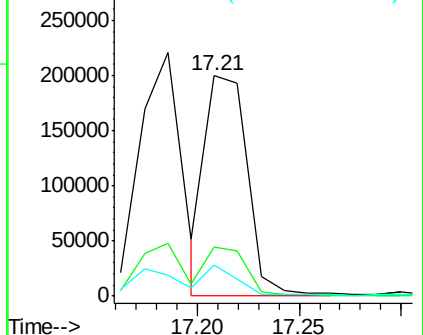
125 14.1 8.1 12.1#



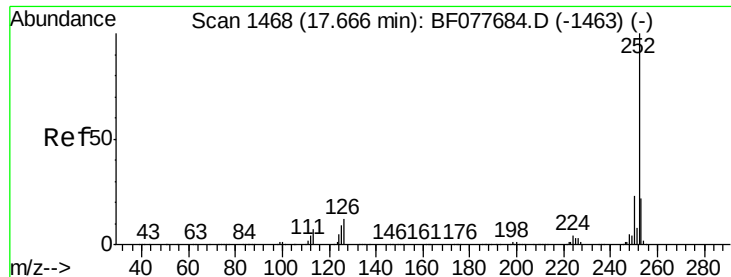
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 36.75 ng m

RT: 17.56 min Scan# 1459

Delta R.T. -0.26 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

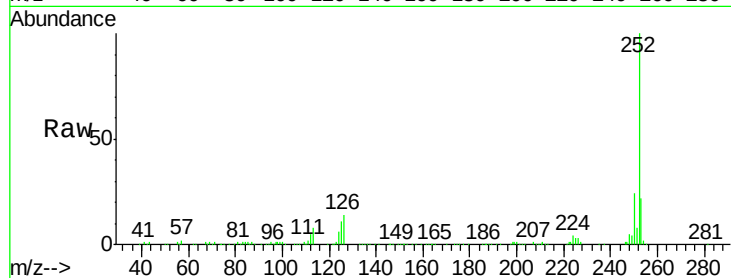
Tot Ion:252 Resp: 297475

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

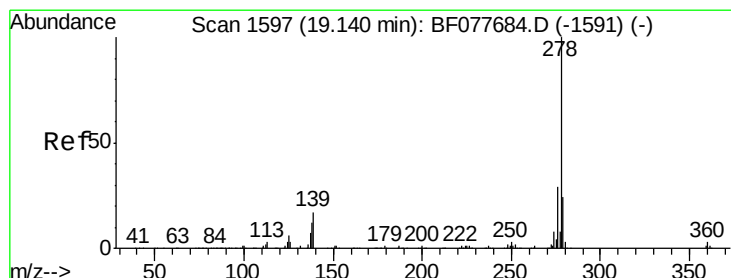
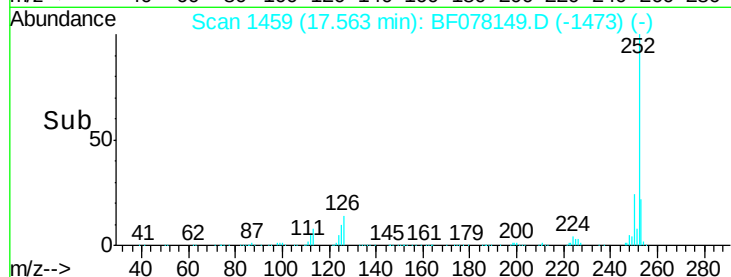
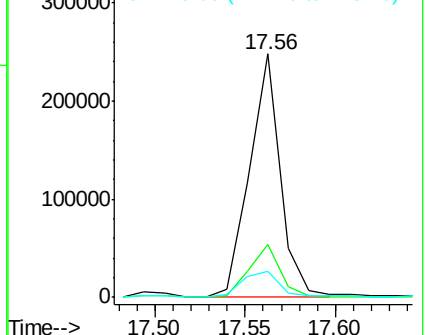
125 10.8 7.4 11.2



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: 34.35 ng m

RT: 18.98 min Scan# 1583

Delta R.T. -0.37 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

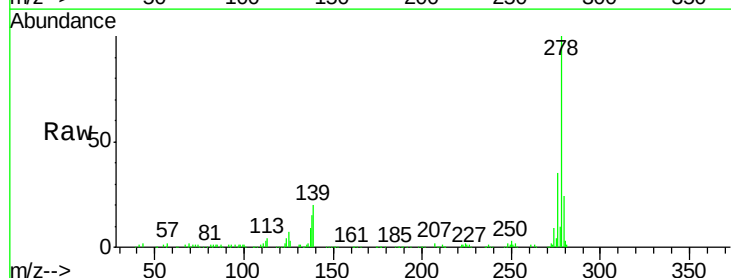
Tgt Ion:278 Resp: 275825

Ion Ratio Lower Upper

278 100

139 20.2 13.4 20.0#

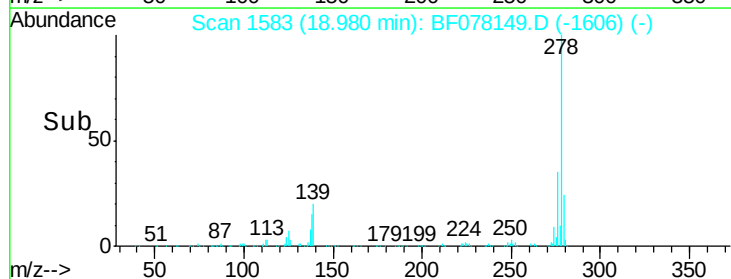
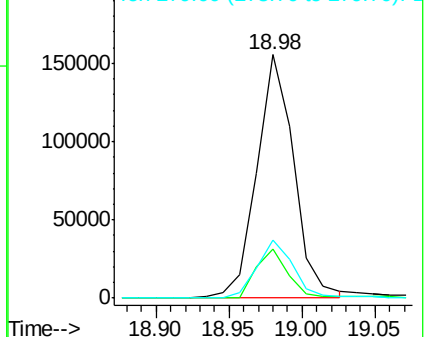
279 24.0 19.0 28.4

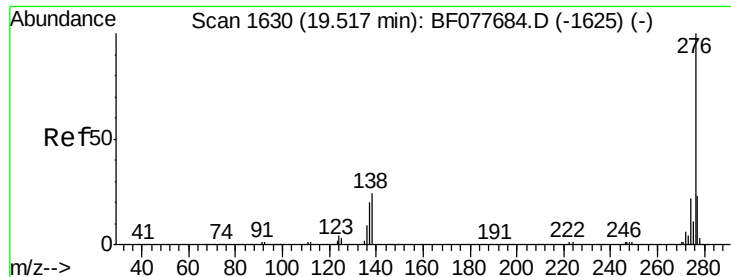


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.97 ng/mL

RT: 19.35 min Scan# 1615

Delta R.T. -0.35 min

Lab File: BF078149.D

Acq: 1 Apr 2015 9:47

Instrument :

BNA\_F

ClientSampleId :

SB2(1-2)MSD

Tot Ion: 276 Resp: 285876

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 23.1 19.0 28.6

