

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\  
 Data File : BF076843.D  
 Acq On : 13 Jan 2015 14:34  
 Operator : IZ / TP  
 Sample : G1044-03MSD  
 Misc : W  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 14 10:44:05 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 12 10:43:48 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 36629    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.96 | 136  | 146060   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 15.09 | 164  | 77423    | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 17.83 | 188  | 126528   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.31 | 240  | 120680   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 22.99 | 264  | 108170   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.14  | 112  | 133568   | 60.85  | ng    | -0.03    |
| 7) Phenol-d6                | 7.48  | 99   | 108638   | 39.31  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.36  | 82   | 250240   | 95.21  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.75 | 330  | 93234    | 144.28 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 13.61 | 172  | 488472   | 92.86  | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.04 | 244  | 424139   | 77.17  | ng    | -0.03    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 1.34  | 88   | 24212    | 25.87  | ng    | 95     |
| 3) Pyridine                    | 1.86  | 79   | 36305    | 14.57  | ng    | 94     |
| 4) n-Nitrosodimethylamine      | 1.81  | 42   | 34952    | 27.91  | ng    | # 88   |
| 6) Aniline                     | 7.35  | 93   | 132208   | 34.65  | ng    | 98     |
| 8) 2-Chlorophenol              | 7.60  | 128  | 107796   | 41.53  | ng    | 96     |
| 9) Benzaldehyde                | 7.06  | 77   | 52127    | 31.78  | ng    | 97     |
| 10) Phenol                     | 7.51  | 94   | 84097    | 27.93  | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93   | 125530   | 52.03  | ng    | 94     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146  | 117474   | 40.76  | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146  | 152852   | 50.57  | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146  | 149238   | 52.99  | ng    | 97     |
| 15) Benzyl Alcohol             | 8.50  | 79   | 61432    | 26.72  | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.84  | 45   | 132661   | 40.92  | ng    | 71     |
| 17) 2-Methylphenol             | 8.86  | 107  | 74591    | 35.89  | ng    | 91     |
| 18) Hexachloroethane           | 9.17  | 117  | 44055    | 40.32  | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 9.12  | 70   | 82907    | 42.23  | ng    | 96     |
| 20) 3+4-Methylphenols          | 9.22  | 107  | 148642   | 54.15  | ng    | 98     |
| 22) Acetophenone               | 9.04  | 105  | 180659   | 50.33  | ng    | 97     |
| 24) Nitrobenzene               | 9.40  | 77   | 131725   | 49.61  | ng    | 98     |
| 25) Isophorone                 | 10.00 | 82   | 212253   | 44.40  | ng    | 98     |
| 26) 2-Nitrophenol              | 10.14 | 139  | 56196    | 44.25  | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 10.42 | 122  | 108455   | 52.58  | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.62 | 93   | 145218   | 51.73  | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.76 | 162  | 84173    | 42.90  | ng    | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.87 | 180  | 92096    | 41.60  | ng    | 95     |
| 31) Naphthalene                | 11.02 | 128  | 662466   | 88.41  | ng    | 99     |
| 32) Benzoic acid               | 10.77 | 122  | 131655   | 130.77 | ng    | # 23   |
| 33) 4-Chloroaniline            | 11.26 | 127  | 27466    | 9.36   | ng    | # 87   |
| 34) Hexachlorobutadiene        | 11.37 | 225  | 53210    | 42.02  | ng    | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.57 | 107  | 217883   | 100.07 | ng    | # 29   |
| 37) 2-Methylnaphthalene        | 12.67 | 142  | 265660   | 50.53  | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.07 | 216  | 87251    | 45.36  | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 13.05 | 237  | 71702    | 64.97  | ng    | 99     |
| 42) 2,4,6-Trichlorophenol      | 13.41 | 196  | 62072    | 44.43  | ng    | 93     |

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 Data File : BF076843.D  
 Acq On : 13 Jan 2015 14:34  
 Operator : IZ / TP  
 Sample : G1044-03MSD  
 Misc : W  
 ALS Vial : 6 Sample Multiplier: 1

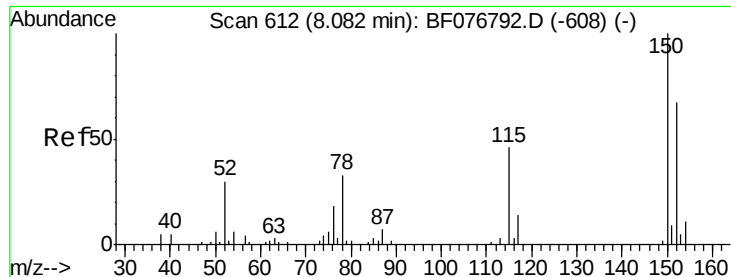
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 14 10:44:05 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 12 10:43:48 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.50 | 196  | 61919    | 42.16 | nq    | # 90     |
| 45) 1,1'-Biphenyl              | 13.81 | 154  | 265279   | 44.57 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.80 | 162  | 211348   | 44.18 | nq    | 97       |
| 47) 2-Nitroaniline             | 14.13 | 65   | 75560    | 53.00 | nq    | 84       |
| 48) Acenaphthylene             | 14.75 | 152  | 335455   | 41.38 | nq    | 97       |
| 49) Dimethylphthalate          | 14.68 | 163  | 268117   | 47.65 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.78 | 165  | 50988    | 42.74 | nq    | 99       |
| 51) Acenaphthene               | 15.17 | 154  | 205230   | 44.82 | nq    | 98       |
| 52) 3-Nitroaniline             | 15.12 | 138  | 14198    | 10.41 | nq    | # 86     |
| 53) 2,4-Dinitrophenol          | 15.40 | 184  | 48799    | 95.89 | nq    | # 79     |
| 54) Dibenzofuran               | 15.59 | 168  | 297250   | 44.36 | nq    | 96       |
| 55) 4-Nitrophenol              | 15.74 | 139  | 28700    | 32.69 | nq    | 88       |
| 56) 2,4-Dinitrotoluene         | 15.69 | 165  | 71555    | 46.97 | nq    | 93       |
| 57) Fluorene                   | 16.29 | 166  | 244374   | 43.68 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.91 | 232  | 48015    | 45.19 | nq    | 96       |
| 59) Diethylphthalate           | 16.28 | 149  | 274011   | 47.27 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.37 | 204  | 103011   | 42.89 | nq    | # 86     |
| 61) 4-Nitroaniline             | 16.43 | 138  | 44565    | 35.33 | nq    | 90       |
| 62) Azobenzene                 | 16.65 | 77   | 266098   | 44.77 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 16.49 | 198  | 34743    | 48.40 | nq    | 92       |
| 65) n-Nitrosodiphenylamine     | 16.61 | 169  | 267435   | 58.19 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 17.20 | 248  | 58717    | 44.73 | nq    | 95       |
| 67) Hexachlorobenzene          | 17.23 | 284  | 62537    | 45.52 | nq    | # 91     |
| 68) Atrazine                   | 17.58 | 200  | 68122    | 48.94 | nq    | 95       |
| 69) Pentachlorophenol          | 17.59 | 266  | 59459    | 99.61 | nq    | 93       |
| 70) Phenanthrene               | 17.87 | 178  | 350983   | 44.51 | nq    | 99       |
| 71) Anthracene                 | 17.93 | 178  | 334728   | 43.71 | nq    | 99       |
| 72) Carbazole                  | 18.22 | 167  | 324047   | 43.16 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.80 | 149  | 416124   | 46.64 | nq    | 99       |
| 74) Fluoranthene               | 19.50 | 202  | 358215   | 44.36 | nq    | 99       |
| 77) Pyrene                     | 19.77 | 202  | 364963   | 42.03 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 180756   | 44.85 | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.29 | 228  | 335779   | 43.68 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.31 | 252  | 14182    | 5.78  | nq    | # 89     |
| 82) Chrysene                   | 21.34 | 228  | 306358   | 44.04 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.43 | 149  | 248883   | 44.57 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 22.21 | 149  | 435604   | 46.23 | nq    | # 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 24.15 | 276  | 297106   | 43.16 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 22.56 | 252  | 356033   | 47.52 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 22.56 | 252  | 356015   | 54.36 | nq    | 100      |
| 89) Benzo(a)pyrene             | 22.93 | 252  | 292124   | 45.37 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 24.17 | 278  | 262467   | 44.74 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 24.45 | 276  | 258709   | 43.21 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampled :

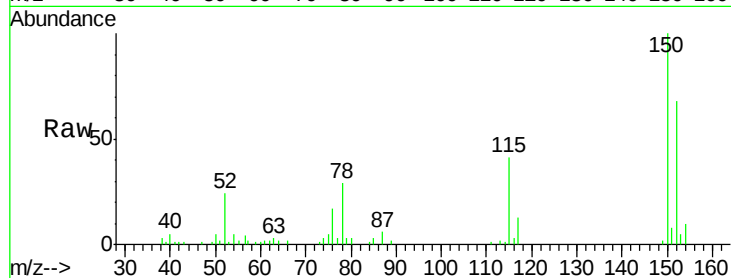
Tot Ion:152 Resp: 36629

Ion Ratio Lower Upper

152 100

150 147.3 119.5 179.3

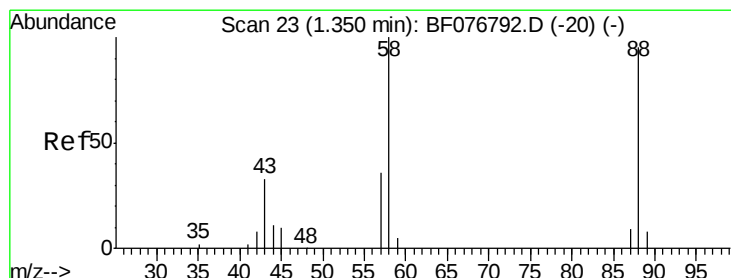
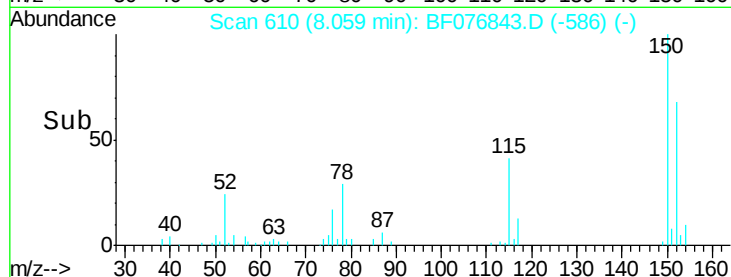
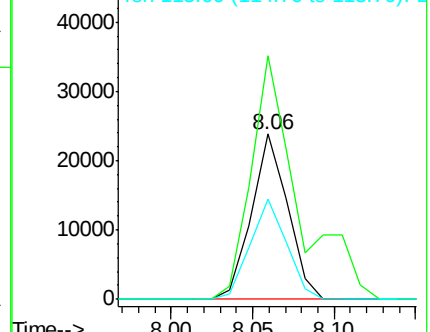
115 60.8 54.6 81.8



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: 25.87 ng

RT: 1.34 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

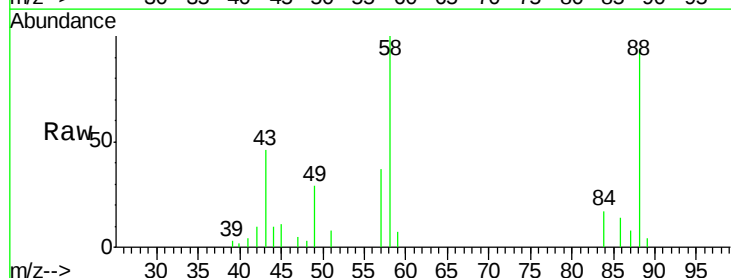
Tgt Ion: 88 Resp: 24212

Ion Ratio Lower Upper

88 100

58 87.8 72.4 108.6

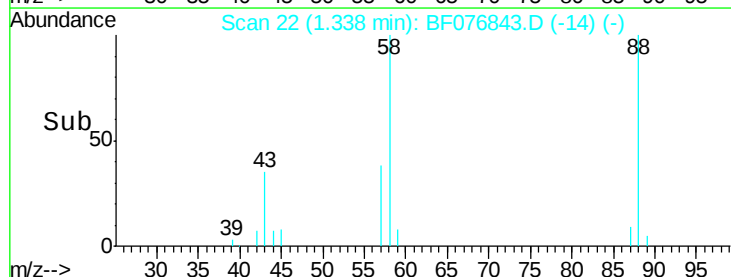
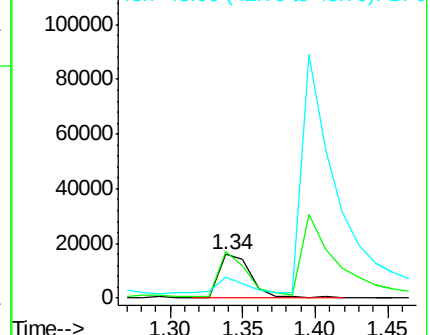
43 35.6 24.0 36.0

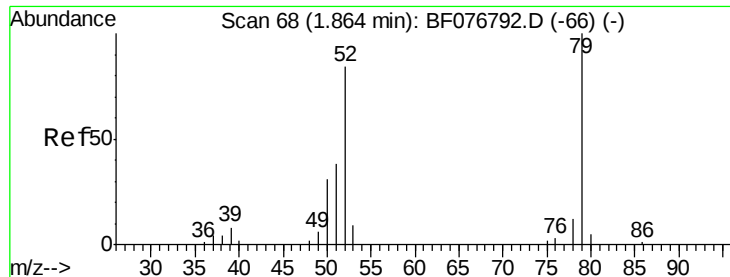


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.57 ng

RT: 1.86 min Scan# 68

Delta R.T. 0.00 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

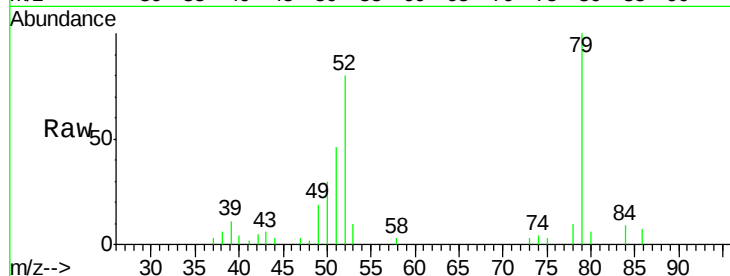
Tot Ion: 79 Resp: 36305

Ion Ratio Lower Upper

79 100

52 80.4 66.9 100.3

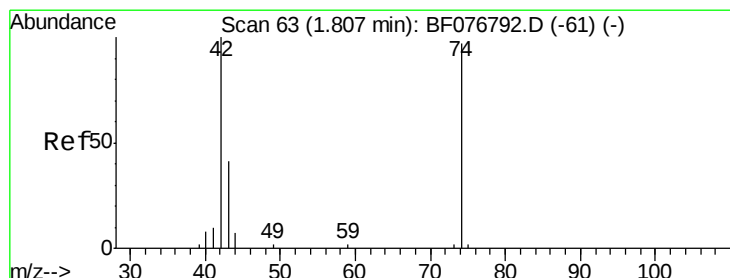
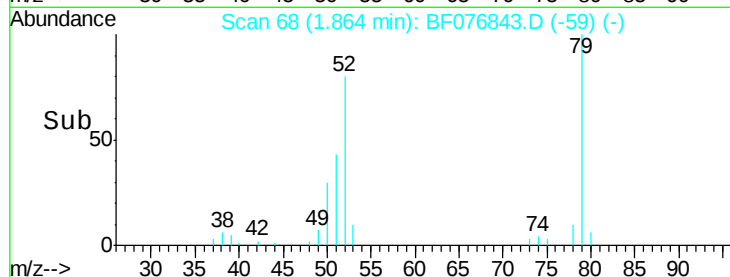
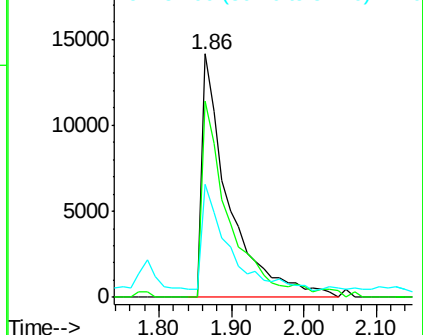
51 46.5 31.6 47.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 27.91 ng

RT: 1.81 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

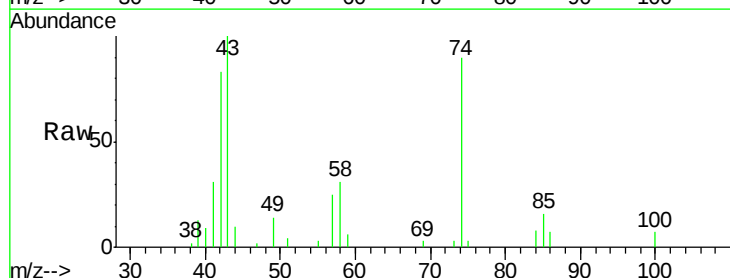
Tgt Ion: 42 Resp: 34952

Ion Ratio Lower Upper

42 100

74 108.8 77.9 116.9

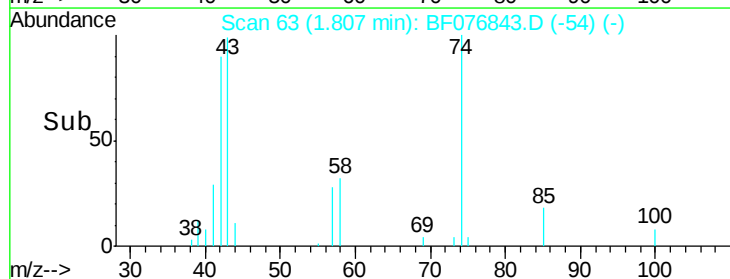
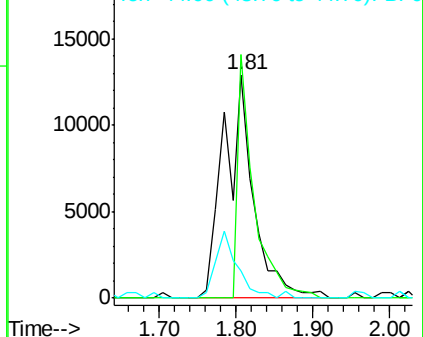
44 12.3 5.8 8.6#

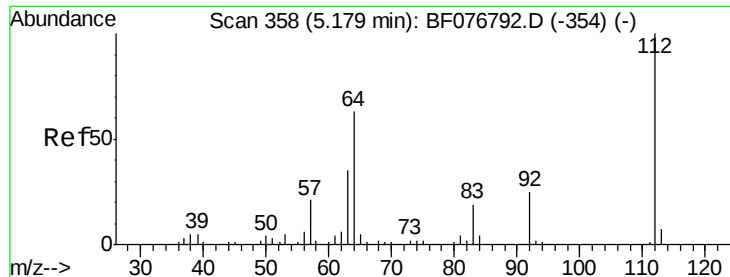


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 60.85 ng

RT: 5.14 min Scan# 355

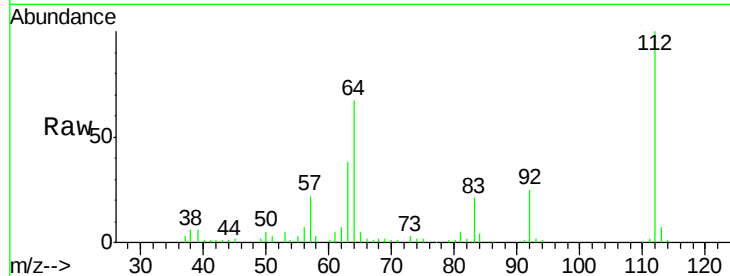
Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 133568 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 66.7  | 50.2  | 75.4   |
| 63       | 38.4  | 27.8  | 41.6   |



Abundance Ion 112.00 (111.70 to 112.70): BF076792.D (-354) (-)

Ion 64.00 (63.70 to 64.70): BF076792.D (-354) (-)

Ion 63.00 (62.70 to 63.70): BF076792.D (-354) (-)

5.14

80000

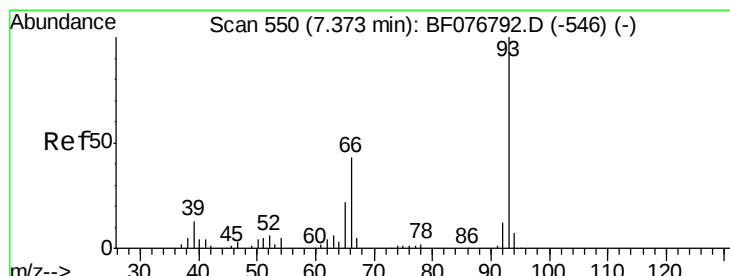
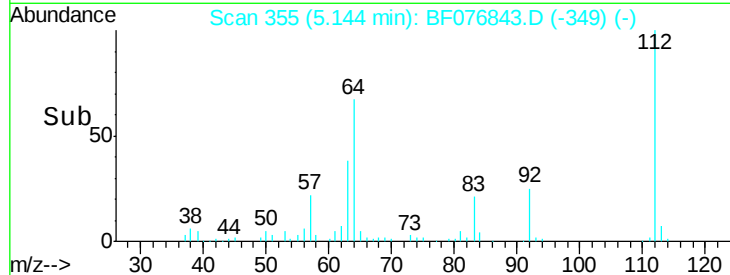
60000

40000

20000

0

Time-->



#6

Aniline

Concen: 34.65 ng

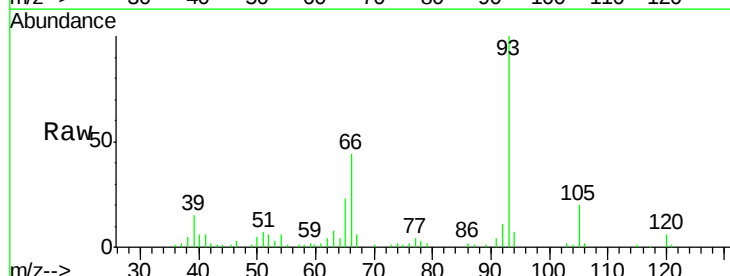
RT: 7.35 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 132208 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 44.0  | 34.1  | 51.1   |
| 65       | 22.8  | 18.0  | 27.0   |



Abundance Ion 93.00 (92.70 to 93.70): BF076792.D (-546) (-)

Ion 66.00 (65.70 to 66.70): BF076792.D (-546) (-)

Ion 65.00 (64.70 to 65.70): BF076792.D (-546) (-)

7.35

100000

80000

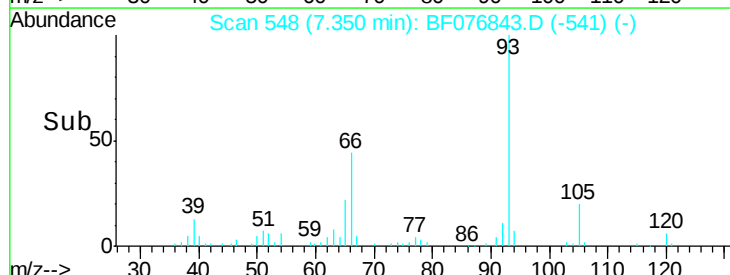
60000

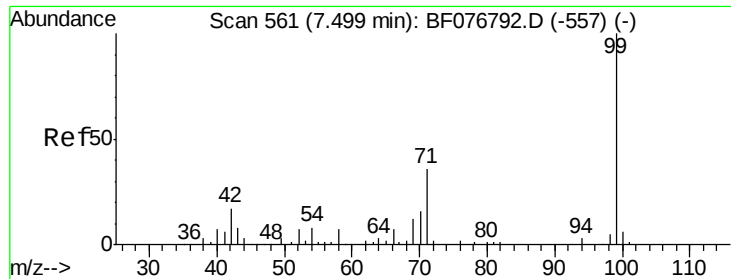
40000

20000

0

Time-->





#7

Phenol-d6

Concen: 39.31 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

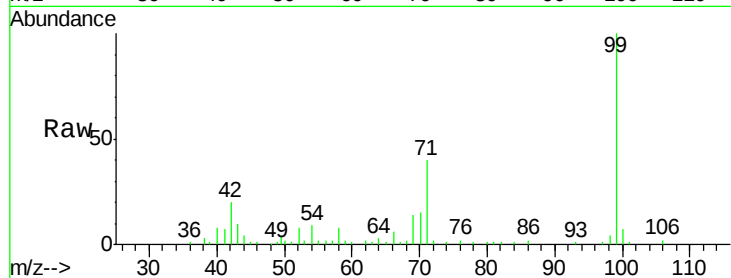
Tot Ion: 99 Resp: 108638

Ion Ratio Lower Upper

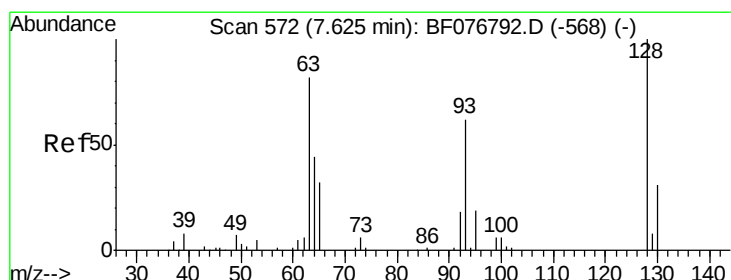
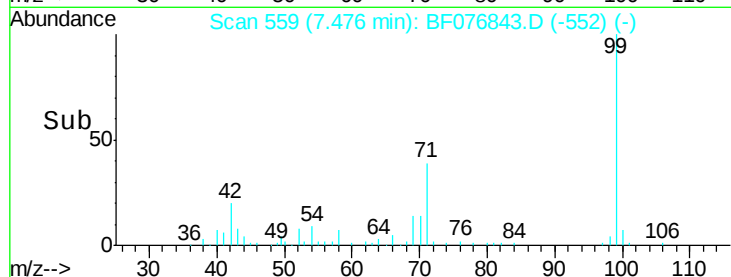
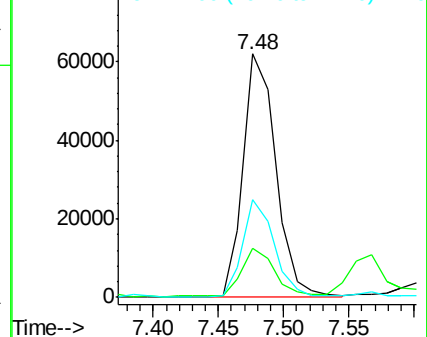
99 100

42 20.1 13.3 19.9#

71 40.1 29.2 43.8



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: 41.53 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

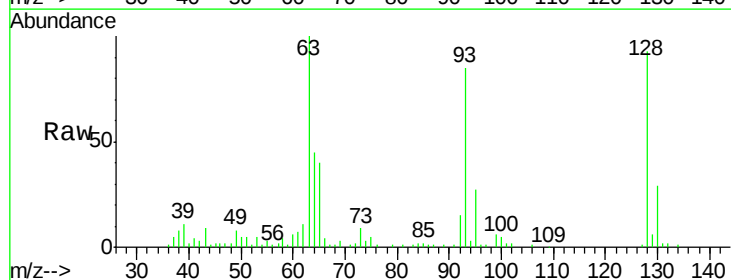
Tgt Ion: 128 Resp: 107796

Ion Ratio Lower Upper

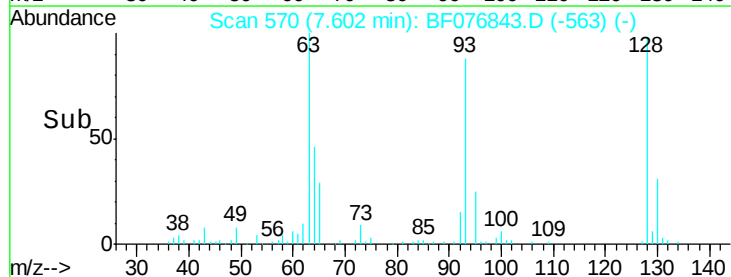
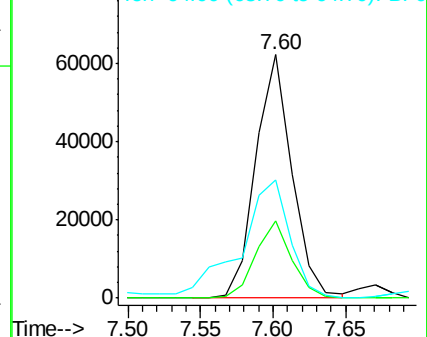
128 100

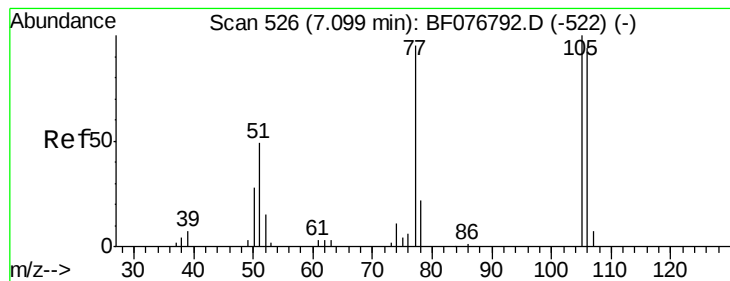
130 31.5 10.6 50.6

64 48.5 32.8 72.8



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: 31.78 ng

RT: 7.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

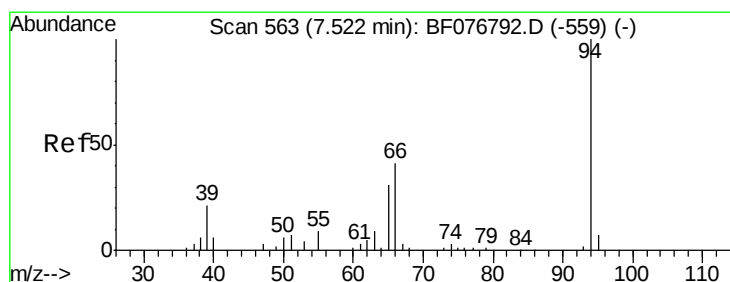
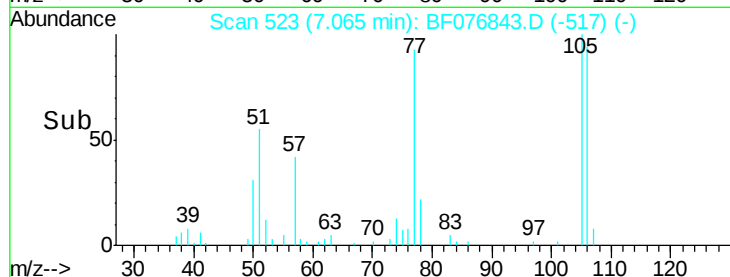
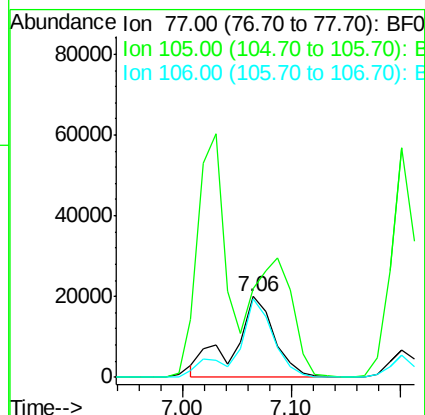
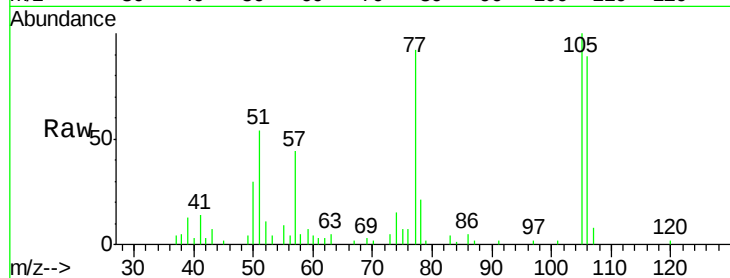
Tot Ion: 77 Resp: 52127

Ion Ratio Lower Upper

77 100

105 109.0 85.5 125.5

106 96.6 79.0 119.0



#10

Phenol

Concen: 27.93 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

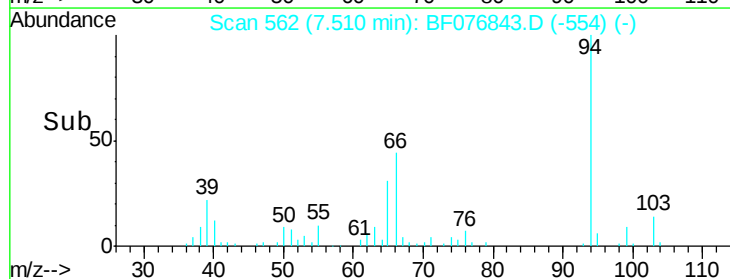
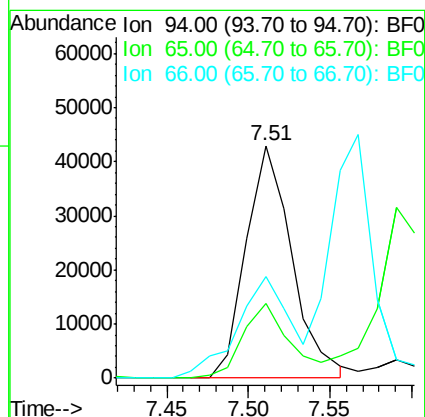
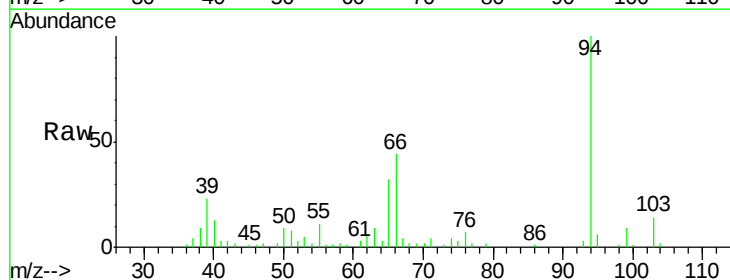
Tgt Ion: 94 Resp: 84097

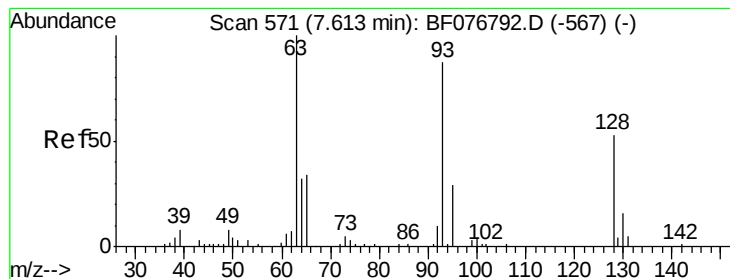
Ion Ratio Lower Upper

94 100

65 31.8 11.6 51.6

66 43.5 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 52.03 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampled :

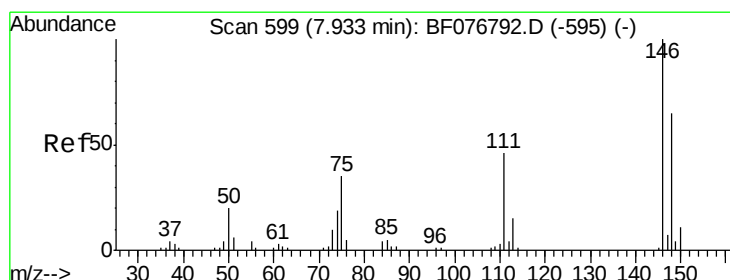
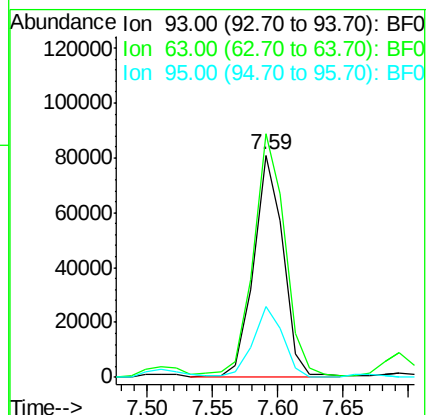
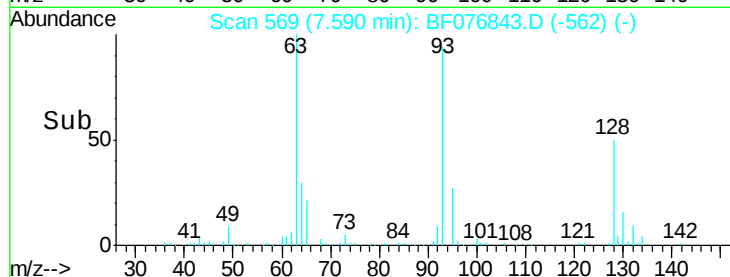
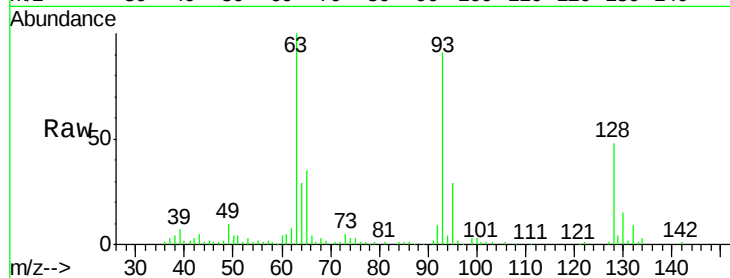
Tot Ion: 93 Resp: 125530

Ion Ratio Lower Upper

93 100

63 109.5 96.1 136.1

95 31.8 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 40.76 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

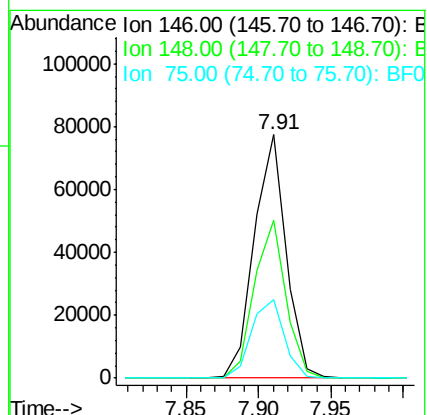
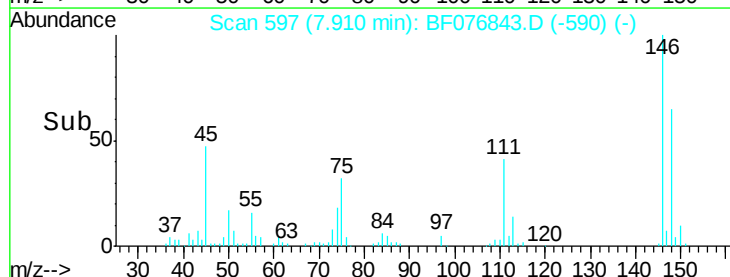
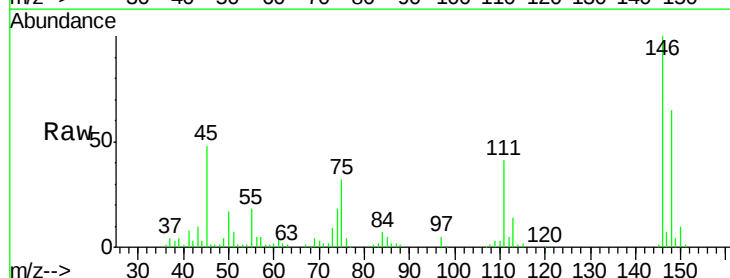
Tgt Ion: 146 Resp: 117474

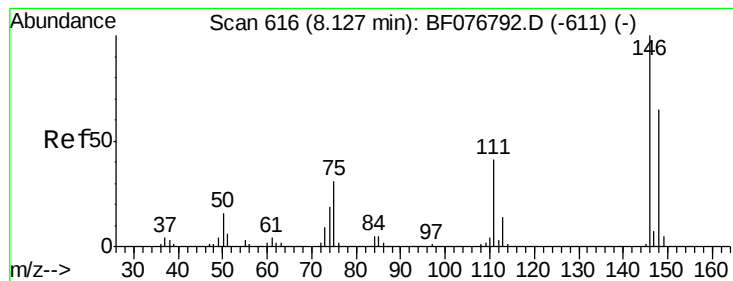
Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

75 32.3 28.0 42.0





#13

1,4-Dichlorobenzene

Concen: 50.57 ng

RT: 8.10 min Scan# 614

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

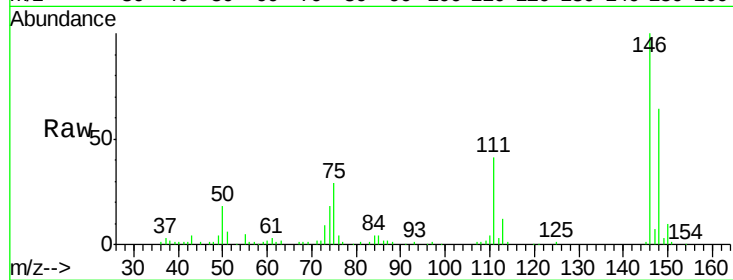
Tot Ion:146 Resp: 152852

Ion Ratio Lower Upper

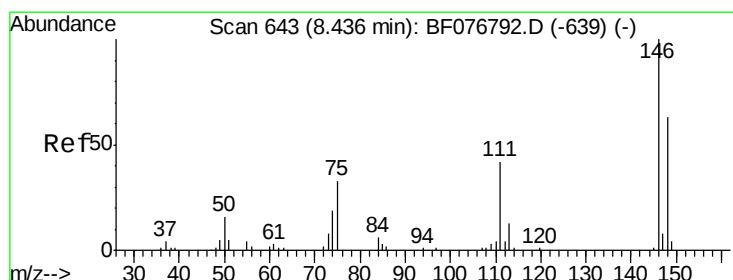
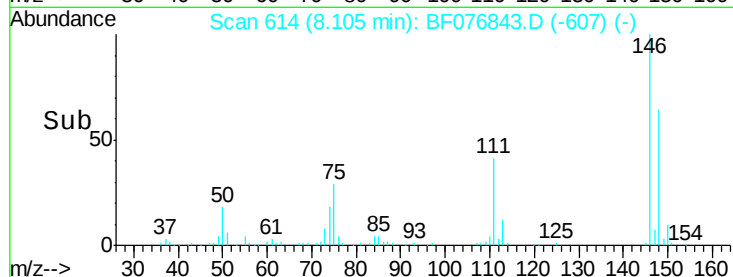
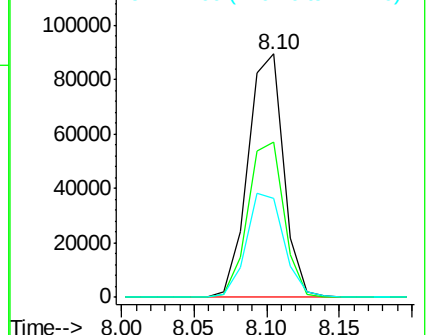
146 100

148 63.7 51.8 77.8

111 40.6 32.6 49.0



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: 52.99 ng

RT: 8.41 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

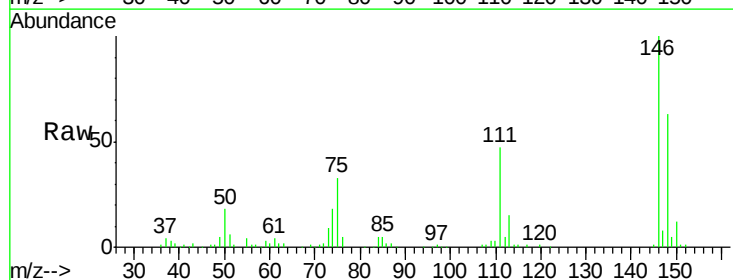
Tgt Ion:146 Resp: 149238

Ion Ratio Lower Upper

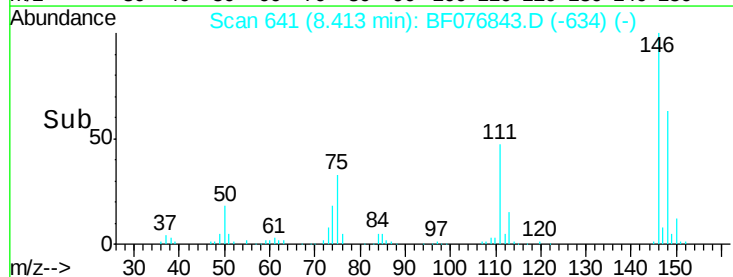
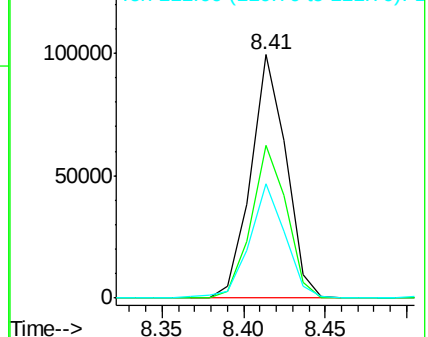
146 100

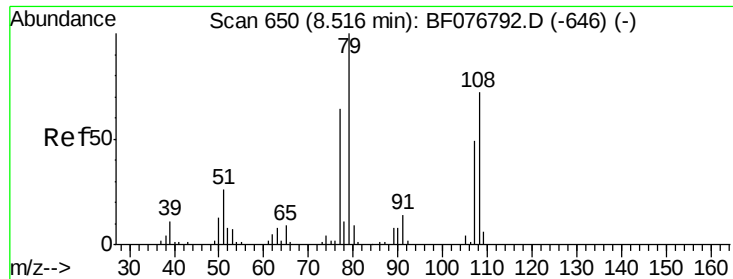
148 62.8 50.2 75.2

111 46.7 34.3 51.5



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: 26.72 ng

RT: 8.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

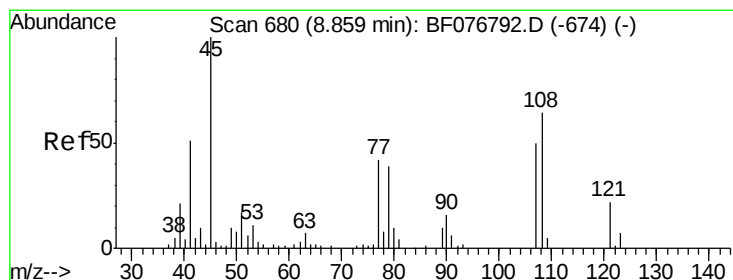
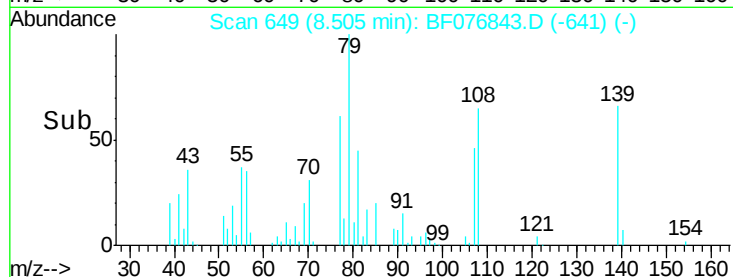
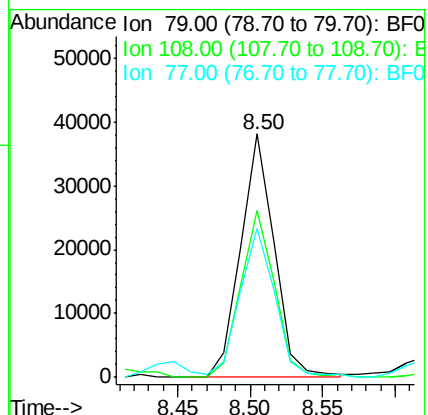
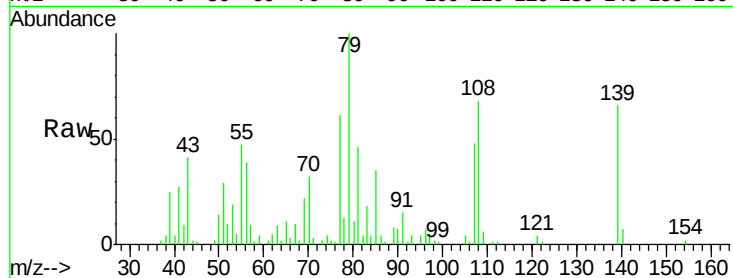
Tot Ion: 79 Resp: 61432

Ion Ratio Lower Upper

79 100

108 68.4 57.4 86.0

77 61.3 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.92 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

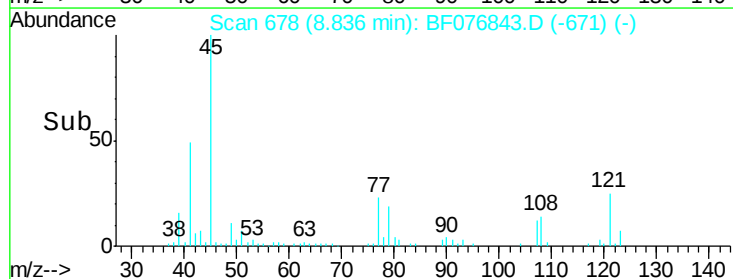
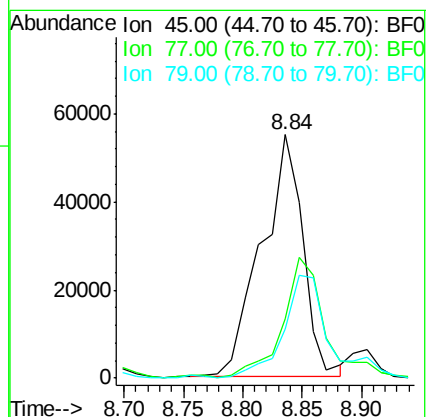
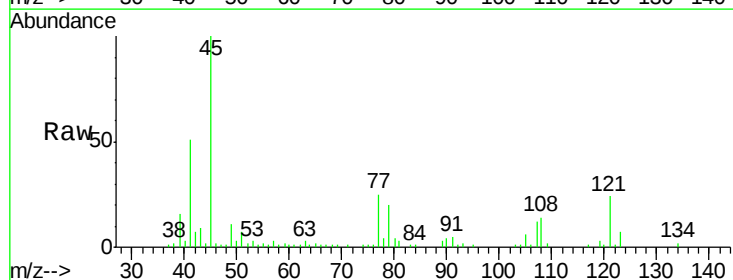
Tgt Ion: 45 Resp: 132661

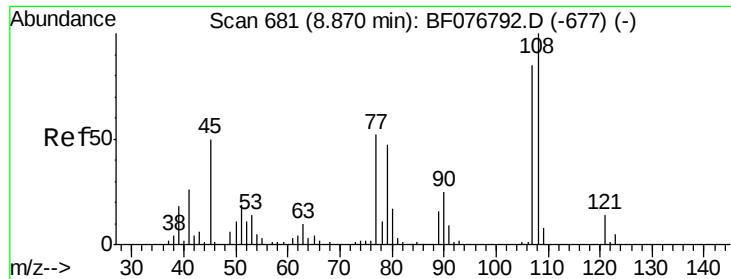
Ion Ratio Lower Upper

45 100

77 24.6 21.9 61.9

79 20.4 19.0 59.0

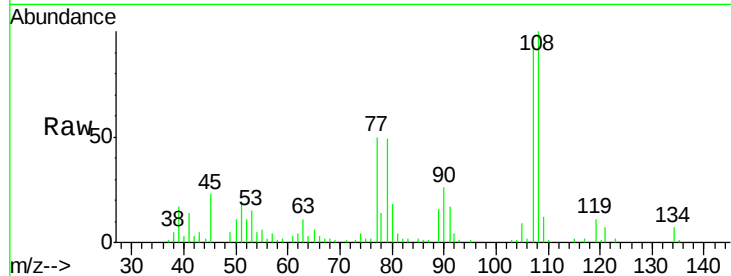




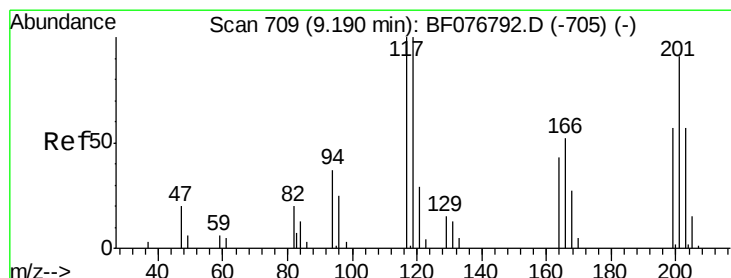
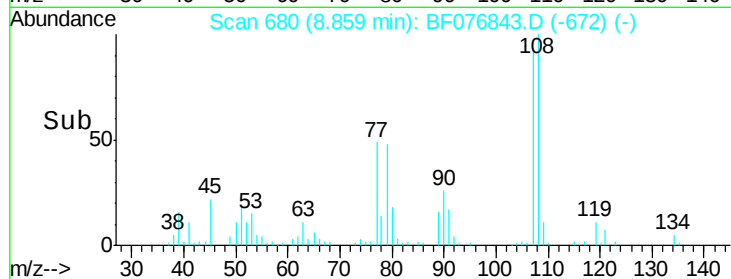
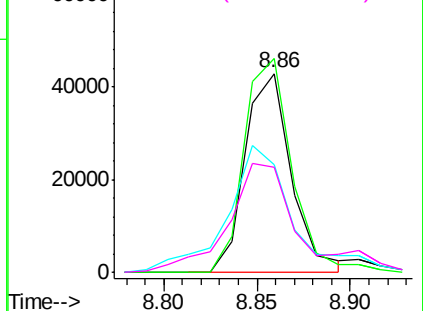
#17  
2-Methylphenol  
Concen: 35.89 ng  
RT: 8.86 min Scan# 680  
Delta R.T. -0.01 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 74591 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 107.6 | 93.8  | 140.8 |
| 77       | 54.2  | 51.3  | 76.9  |
| 79       | 52.8  | 46.5  | 69.7  |

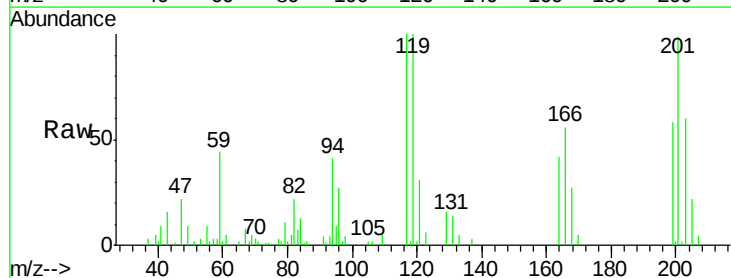


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

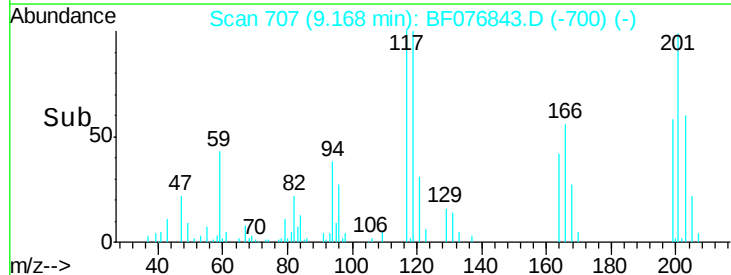
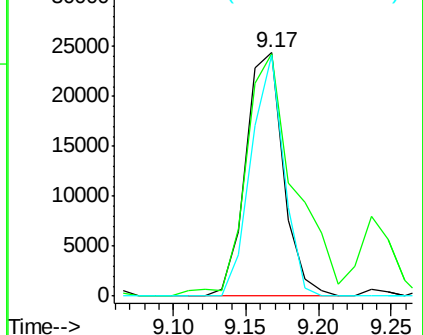


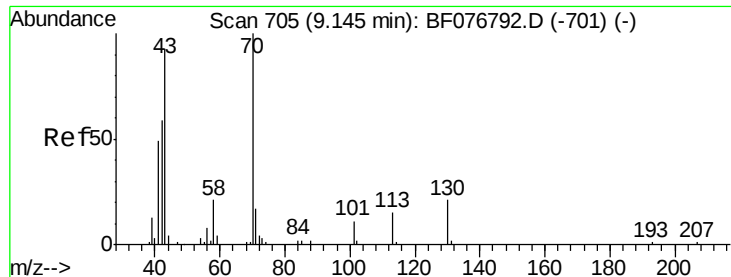
#18  
Hexachloroethane  
Concen: 40.32 ng  
RT: 9.17 min Scan# 707  
Delta R.T. -0.02 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 44055 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.6  | 80.0  | 120.0 |
| 201      | 98.9  | 73.0  | 109.4 |



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

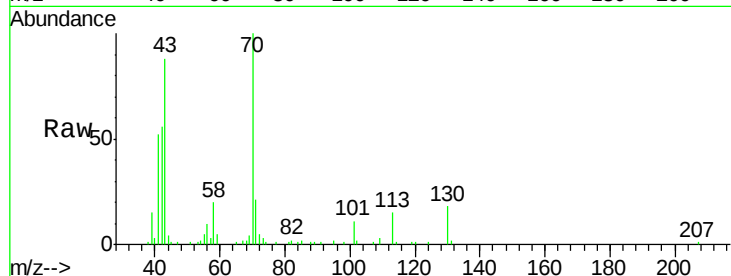




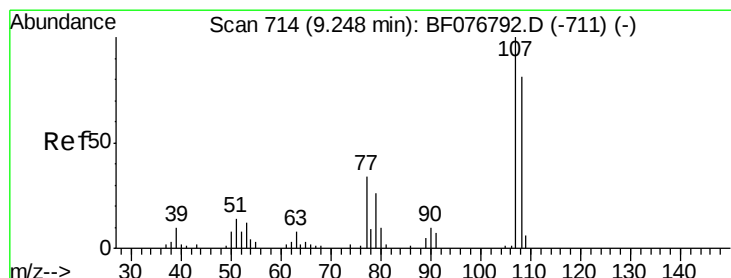
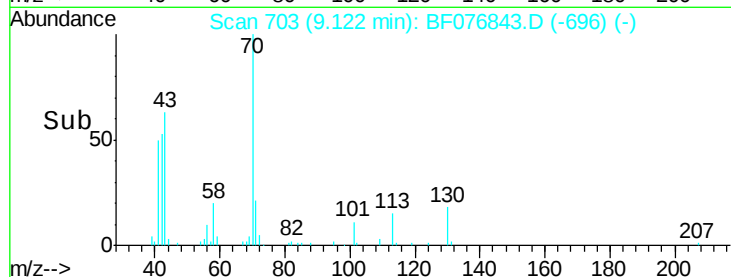
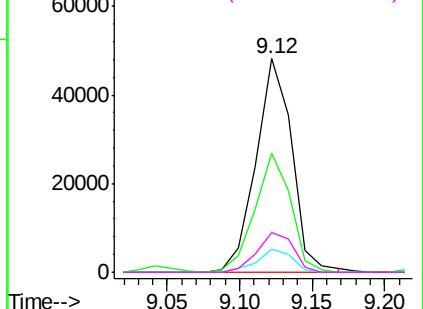
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.23 ng  
RT: 9.12 min Scan# 703  
Delta R.T. -0.02 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 82907 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 55.7  | 47.1  | 70.7  |
| 101      | 10.6  | 8.5   | 12.7  |
| 130      | 18.3  | 17.0  | 25.4  |

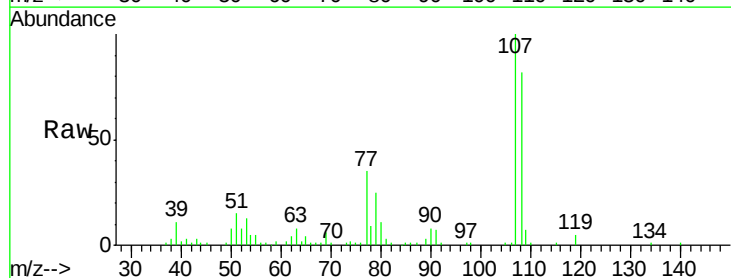


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): BF0  
Ion 130.00 (129.70 to 130.70): BF0

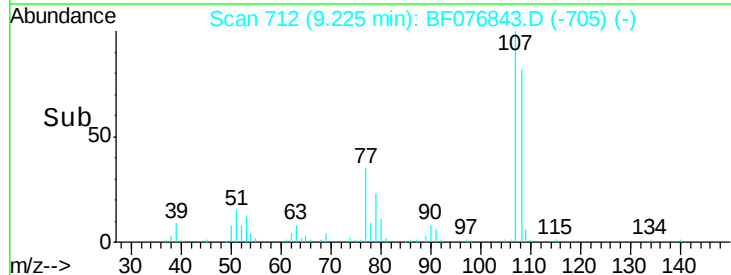
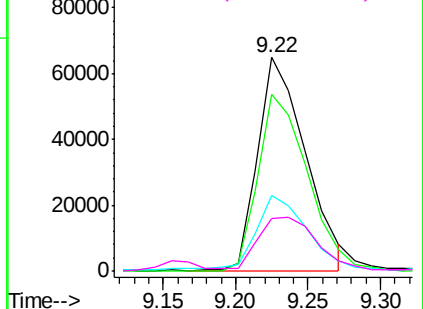


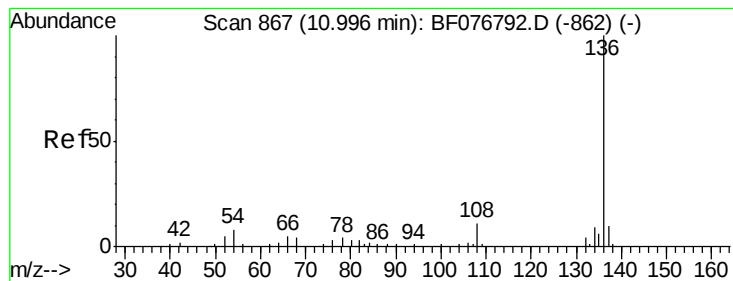
#20  
3+4-Methylphenols  
Concen: 54.15 ng  
RT: 9.22 min Scan# 712  
Delta R.T. -0.02 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 148642 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 82.5  | 61.4  | 101.4  |
| 77       | 35.2  | 14.4  | 54.4   |
| 79       | 24.9  | 6.4   | 46.4   |



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 146060

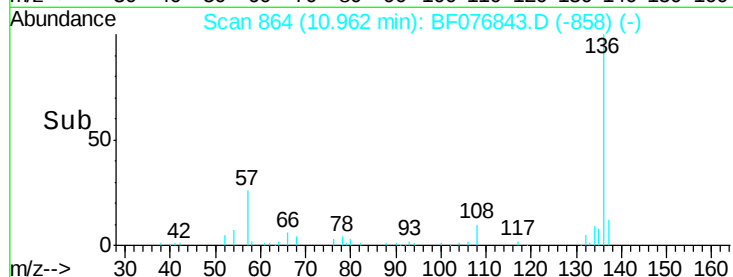
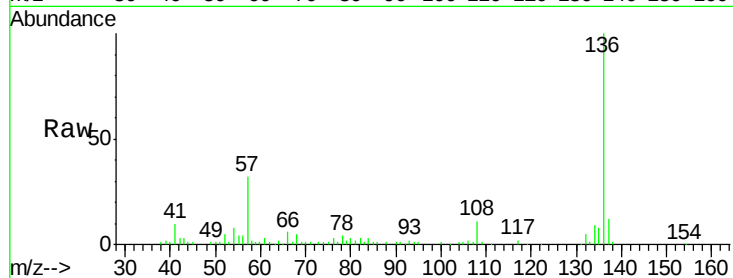
Ion Ratio Lower Upper

136 100

137 11.5 8.1 12.1

54 7.9 6.3 9.5

68 4.8 3.4 5.0

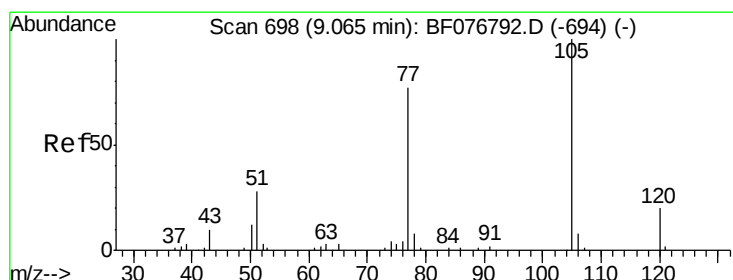
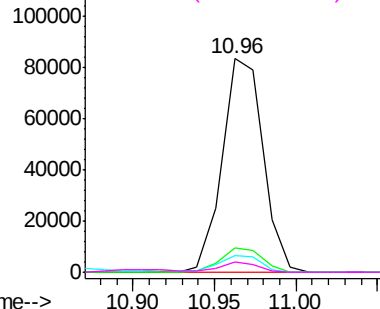


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.33 ng

RT: 9.04 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Tgt Ion:105 Resp: 180659

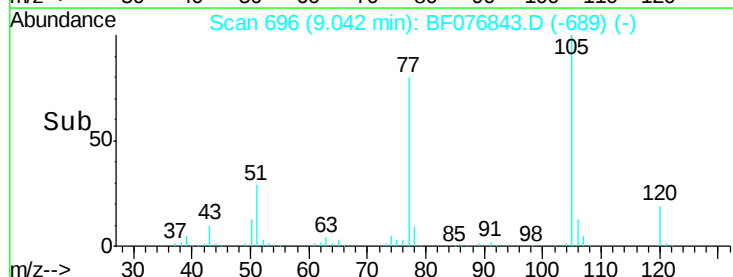
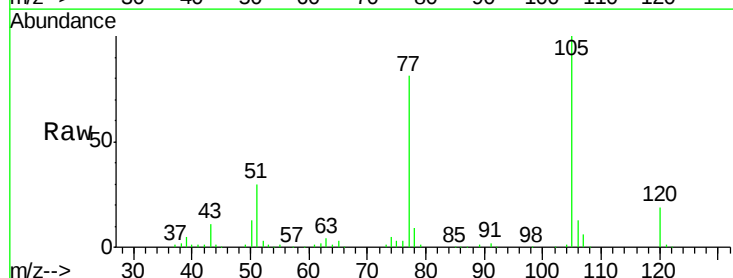
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 29.5 22.2 33.2

120 18.9 15.7 23.5

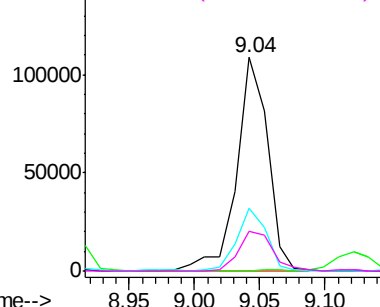


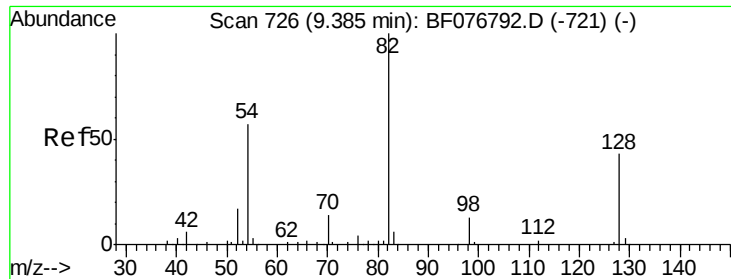
Abundance Ion 105.00 (104.70 to 105.70): E

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

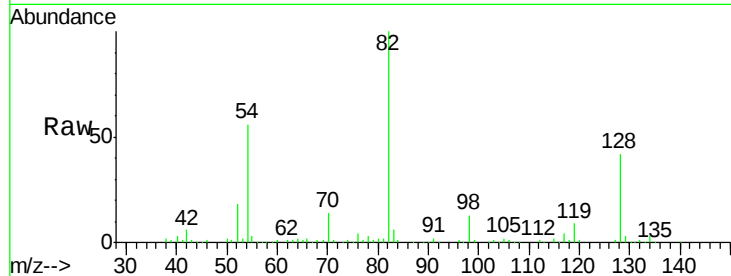




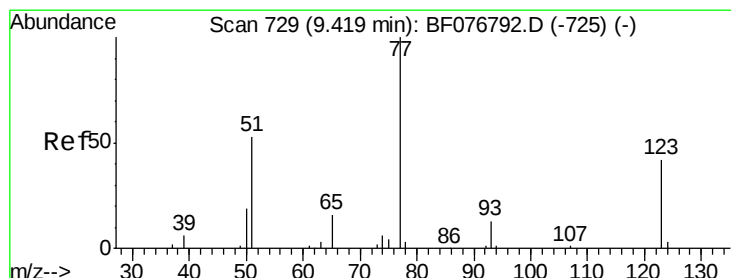
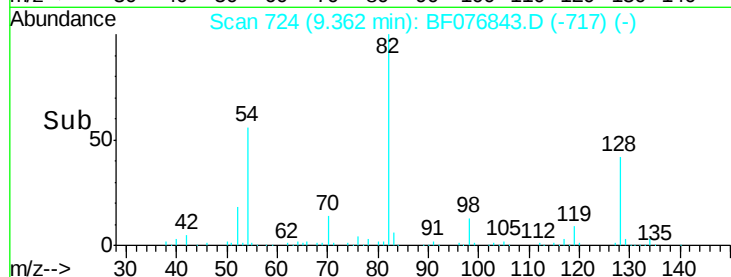
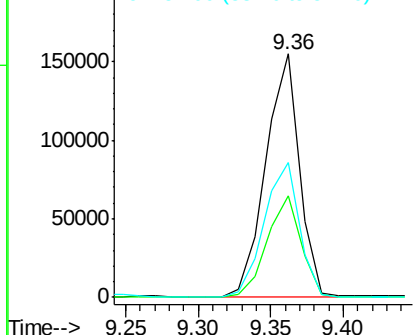
#23  
 Nitrobenzene-d5  
 Concen: 95.21 ng  
 RT: 9.36 min Scan# 724  
 Delta R.T. -0.02 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 82    | Resp  | 250240 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.9  | 34.0  | 51.0   |
| 54        | 55.6  | 45.6  | 68.4   |

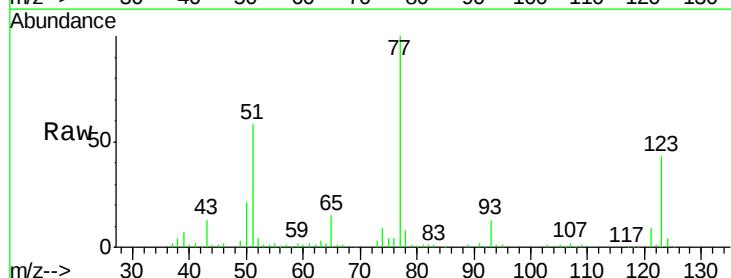


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

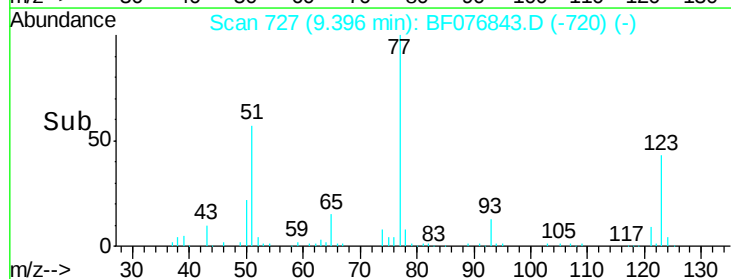
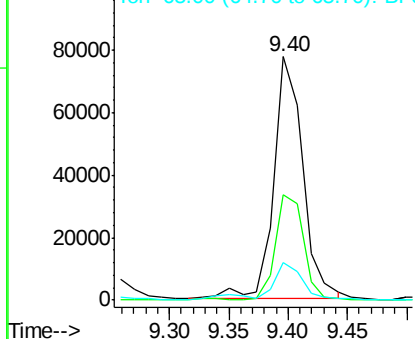


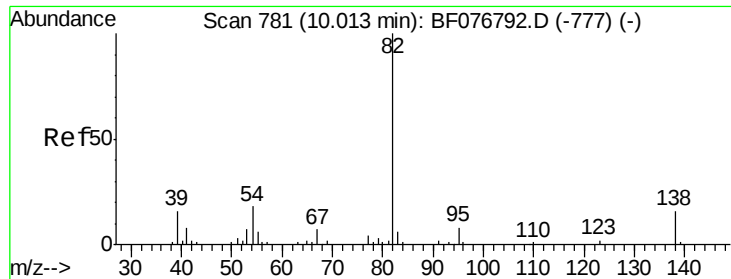
#24  
 Nitrobenzene  
 Concen: 49.61 ng  
 RT: 9.40 min Scan# 727  
 Delta R.T. -0.02 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

| Tgt Ion   | 77    | Resp  | 131725 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 43.1  | 33.3  | 49.9   |
| 65        | 15.4  | 13.1  | 19.7   |



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

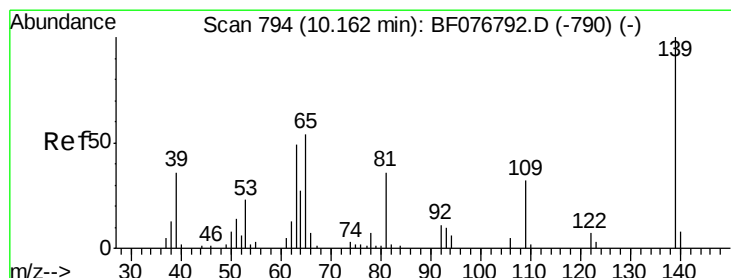
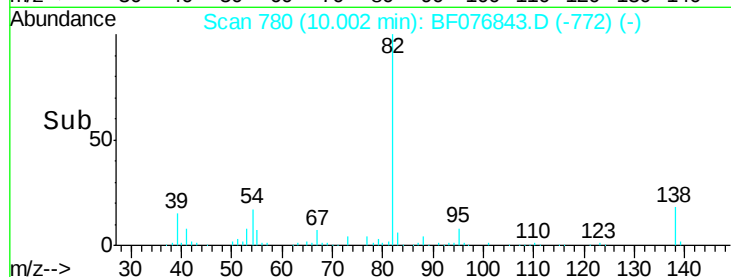
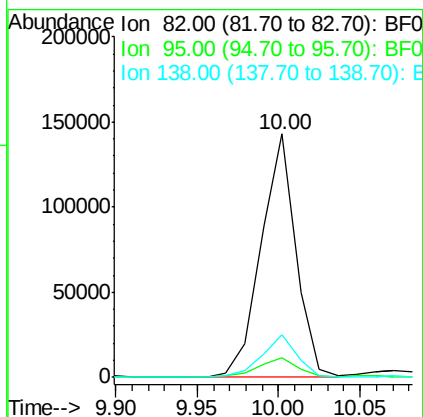
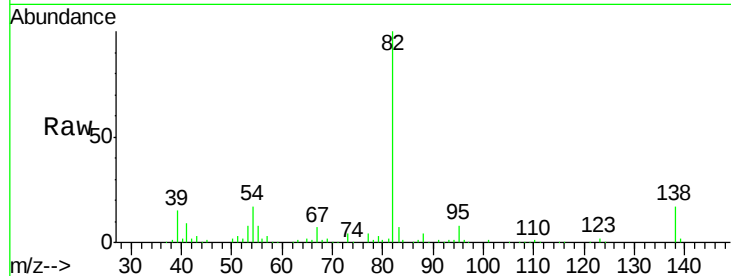




#25  
Isophorone  
Concen: 44.40 ng  
RT: 10.00 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

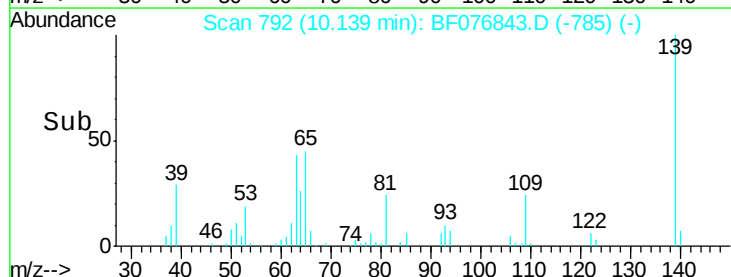
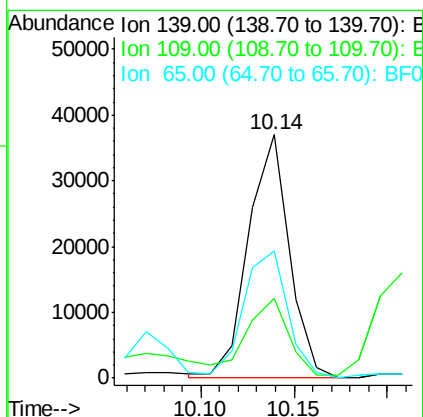
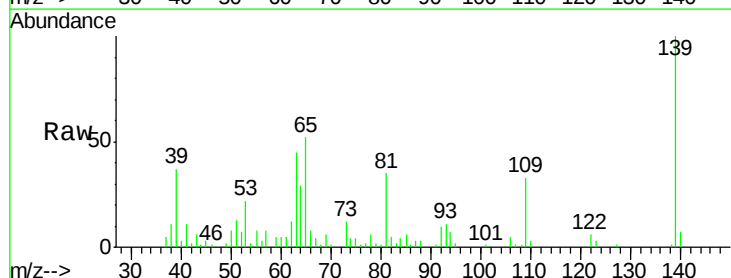
Instrument :  
BNA\_F  
ClientSampleId :

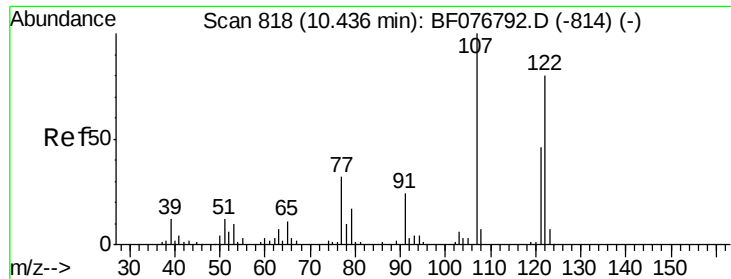
Tot Ion: 82 Resp: 212253  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.4 9.6  
138 17.5 13.0 19.4



#26  
2-Nitrophenol  
Concen: 44.25 ng  
RT: 10.14 min Scan# 792  
Delta R.T. -0.02 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion: 139 Resp: 56196  
Ion Ratio Lower Upper  
139 100  
109 32.6 25.4 38.0  
65 52.4 43.0 64.4

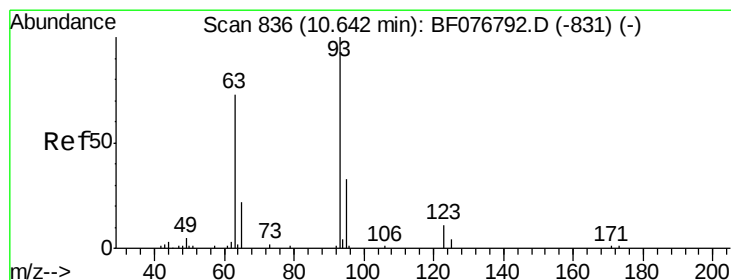
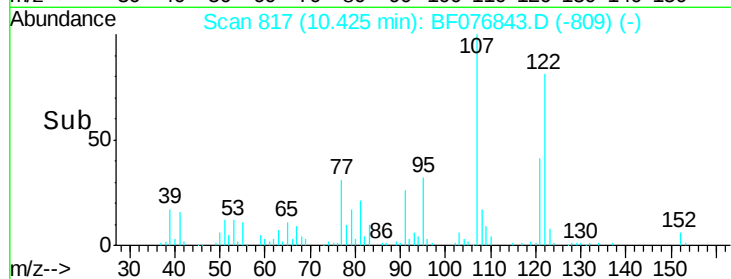
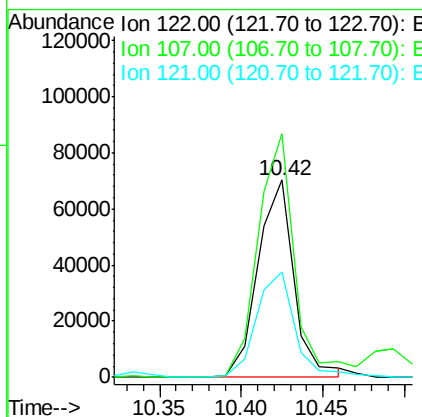
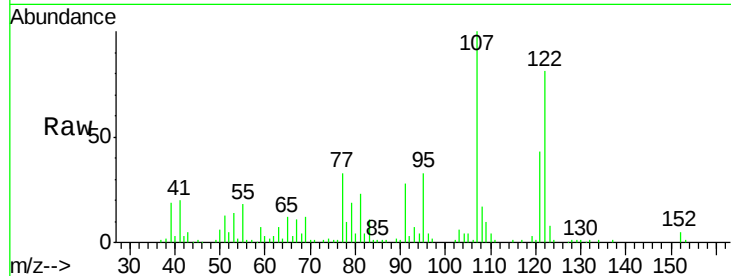




#27  
 2,4-Dimethylphenol  
 Concen: 52.58 ng  
 RT: 10.42 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

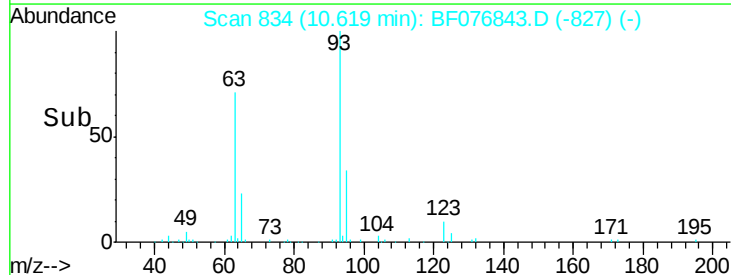
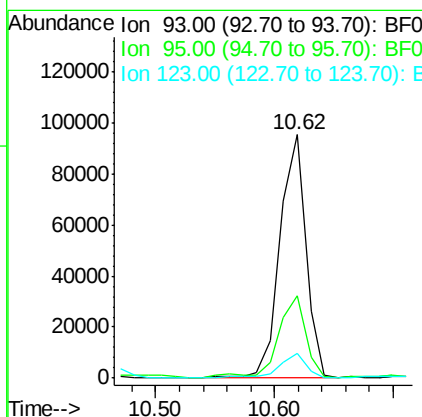
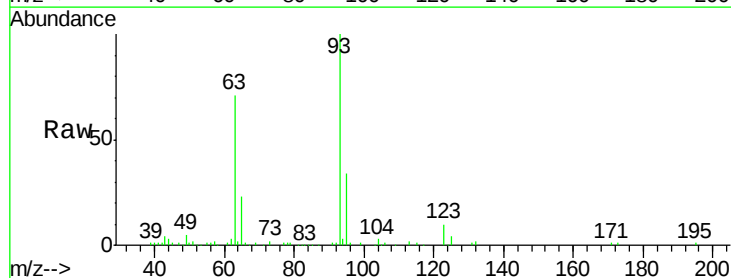
Instrument :  
 BNA\_F  
 ClientSampled :

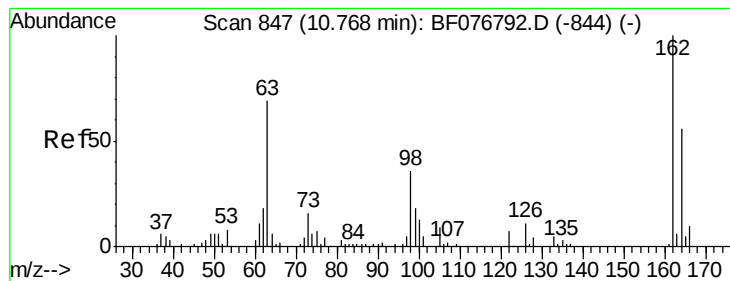
Tot Ion:122 Resp: 108455  
 Ion Ratio Lower Upper  
 122 100  
 107 123.6 100.6 150.8  
 121 53.4 45.8 68.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 51.73 ng  
 RT: 10.62 min Scan# 834  
 Delta R.T. -0.02 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

Tgt Ion: 93 Resp: 145218  
 Ion Ratio Lower Upper  
 93 100  
 95 34.1 26.1 39.1  
 123 10.0 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 42.90 ng

RT: 10.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

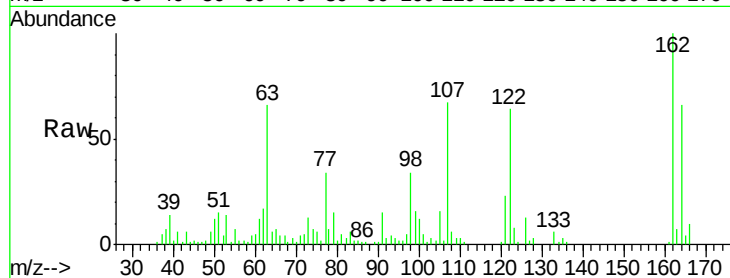
Tot Ion:162 Resp: 84173

Ion Ratio Lower Upper

162 100

164 65.9 36.4 76.4

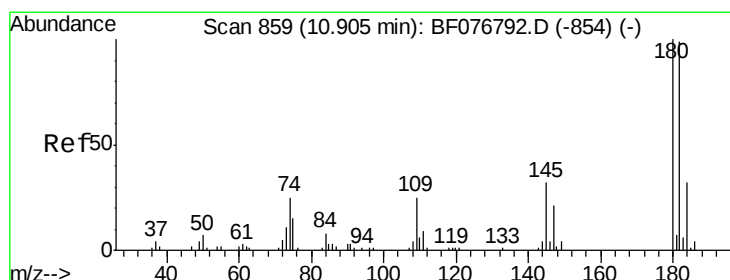
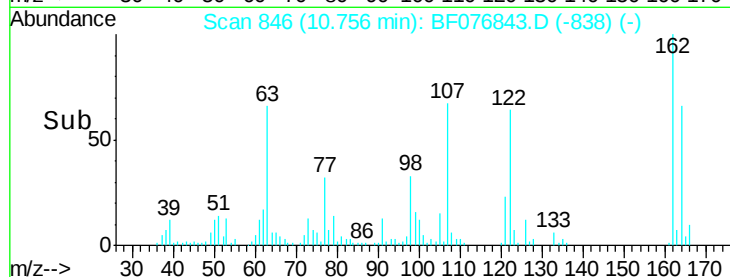
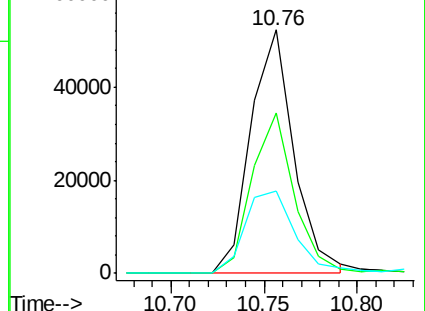
98 33.8 16.1 56.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 41.60 ng

RT: 10.87 min Scan# 856

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

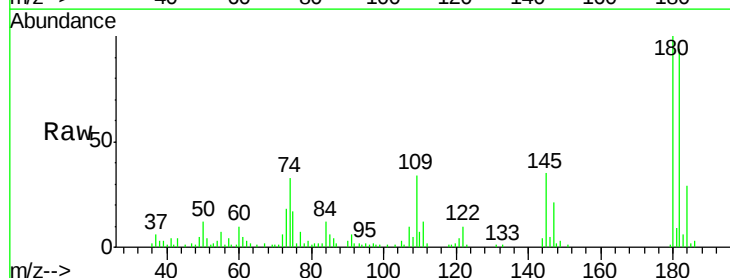
Tgt Ion:180 Resp: 92096

Ion Ratio Lower Upper

180 100

182 94.3 79.4 119.2

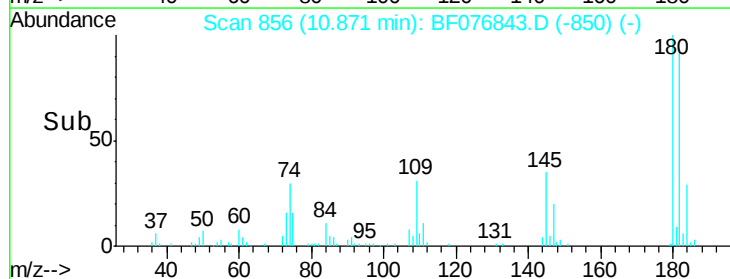
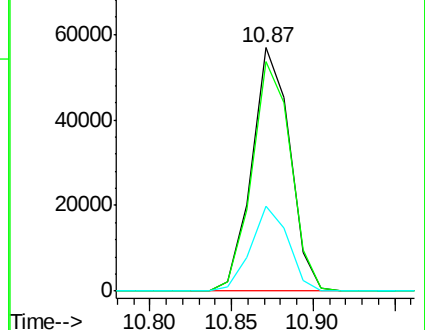
145 34.7 25.6 38.4

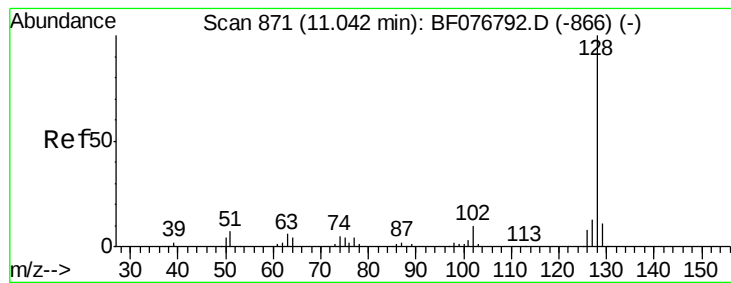


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 88.41 ng

RT: 11.02 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

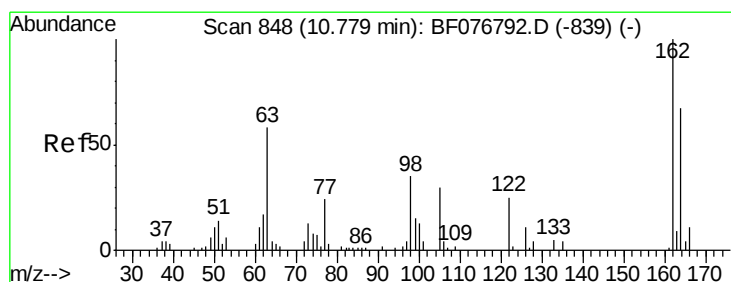
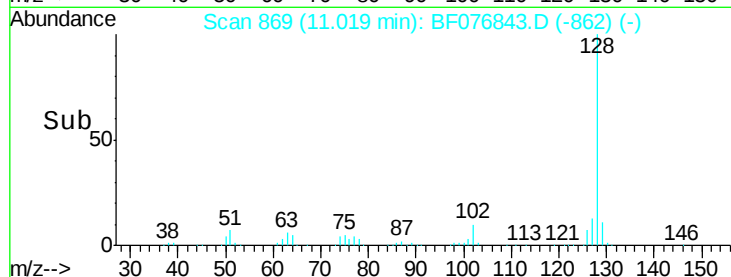
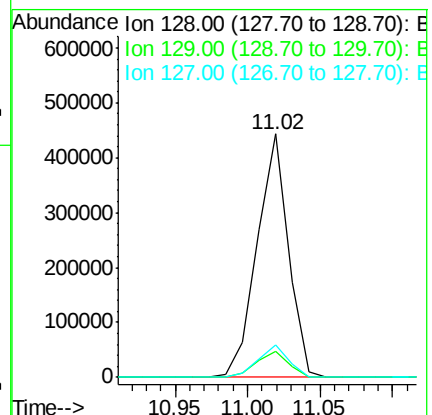
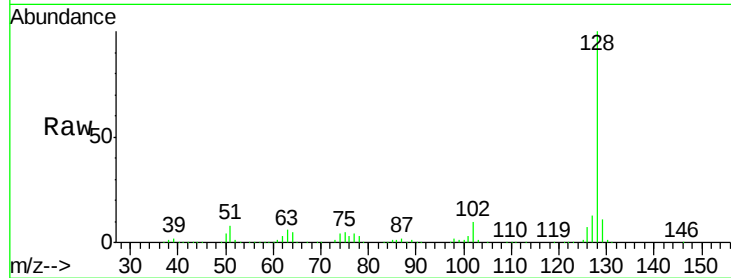
Tot Ion:128 Resp: 662466

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.3 10.1 15.1



#32

Benzoic acid

Concen: 130.77 ng

RT: 10.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

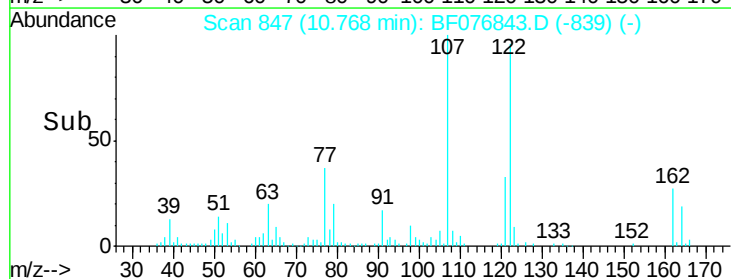
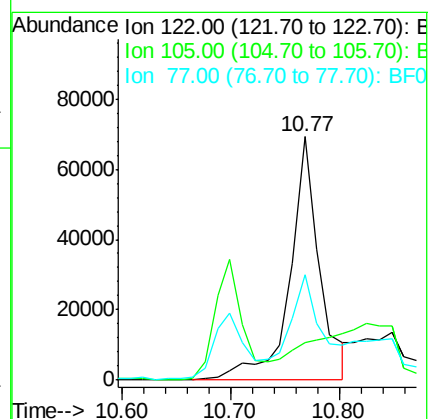
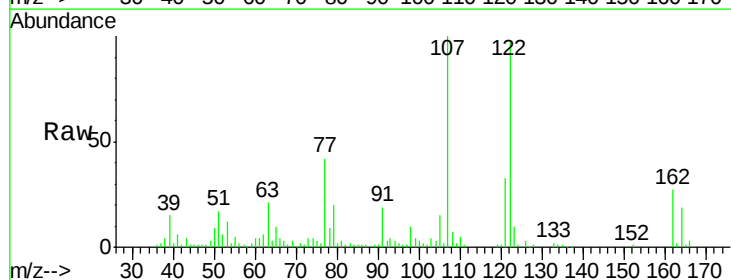
Tgt Ion:122 Resp: 131655

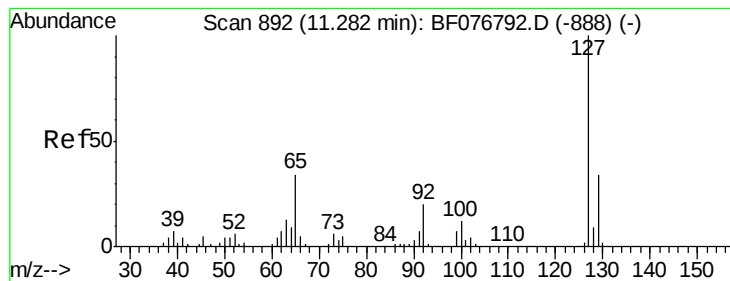
Ion Ratio Lower Upper

122 100

105 15.2 101.8 141.8#

77 43.1 76.0 116.0#





#33

4-Chloroaniline

Concen: 9.36 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampled :

Tot Ion:127 Resp: 27466

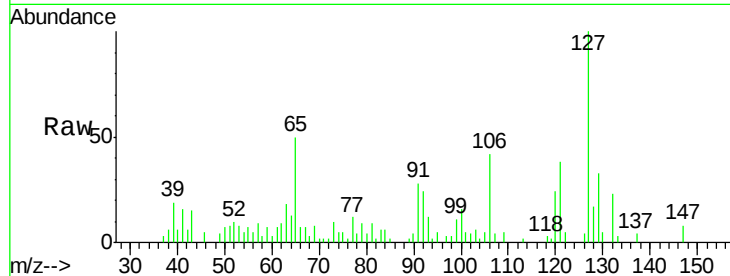
Ion Ratio Lower Upper

127 100

129 33.3 27.0 40.4

65 49.5 27.2 40.8#

92 23.6 16.0 24.0

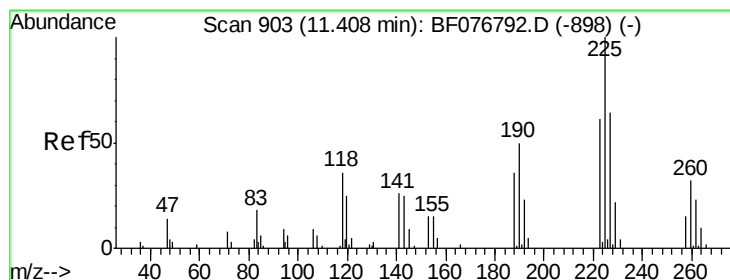
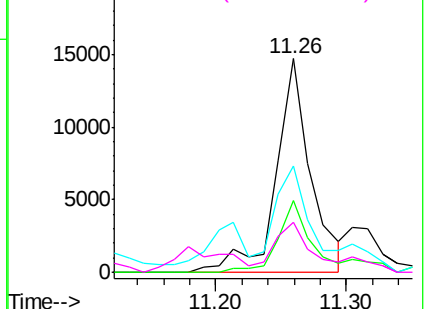
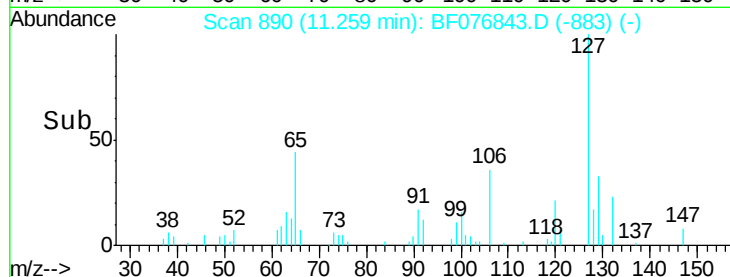


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.02 ng

RT: 11.37 min Scan# 900

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

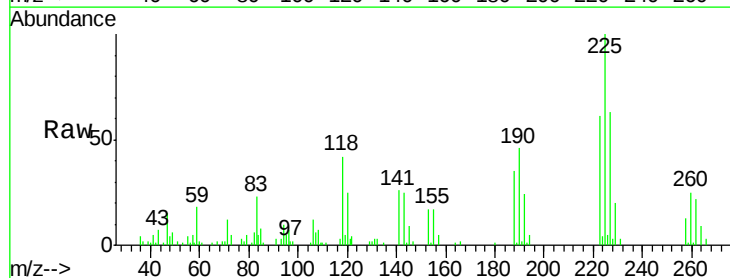
Tgt Ion:225 Resp: 53210

Ion Ratio Lower Upper

225 100

223 61.1 48.7 73.1

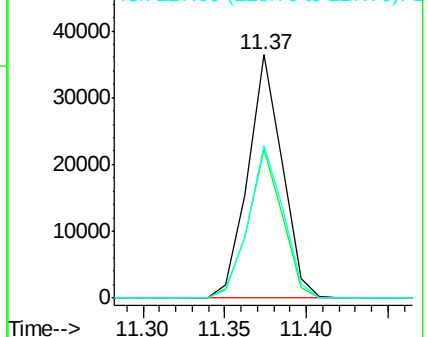
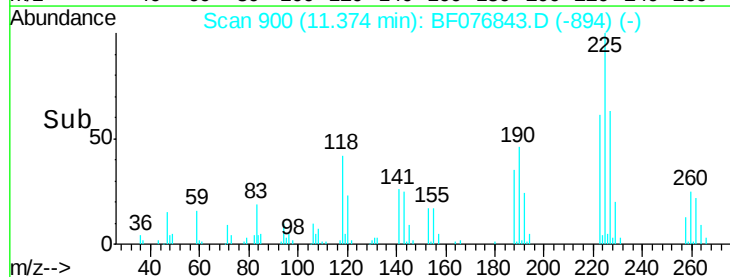
227 62.8 51.4 77.2

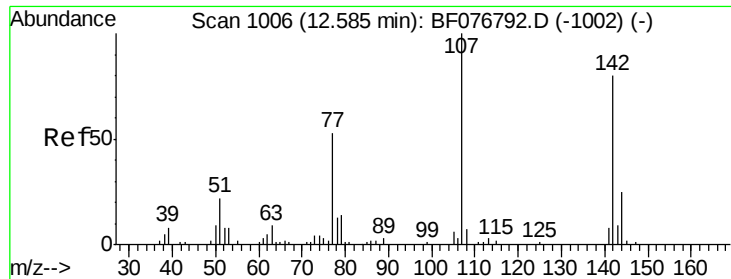


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

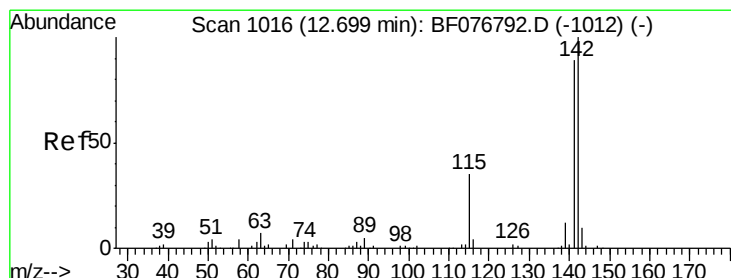
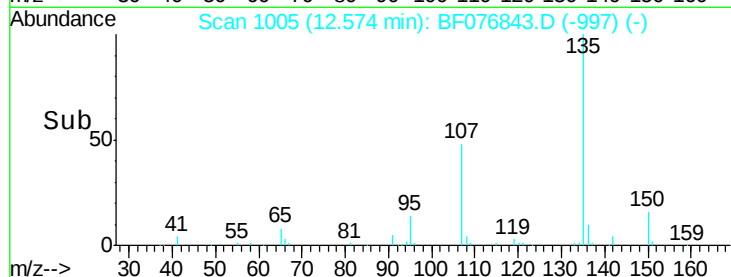
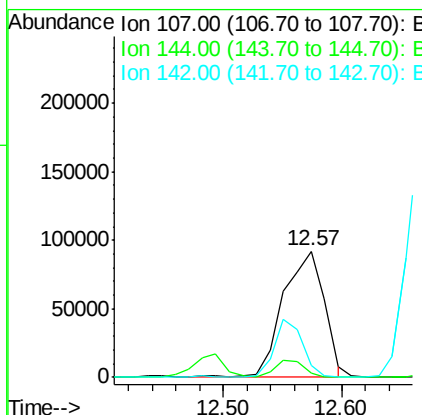
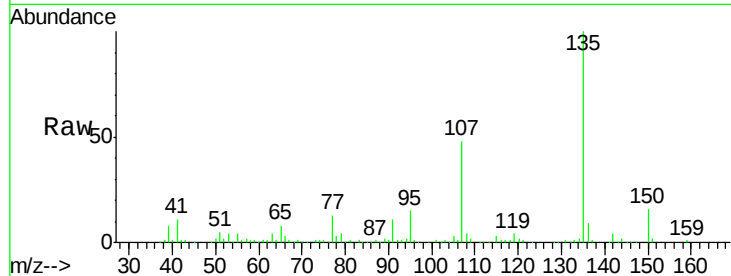




#36  
4-Chloro-3-methylphenol  
Concen: 100.07 ng  
RT: 12.57 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

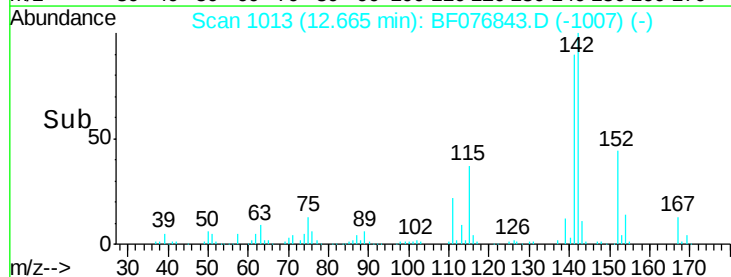
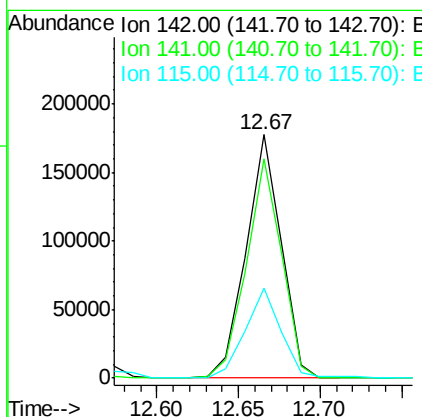
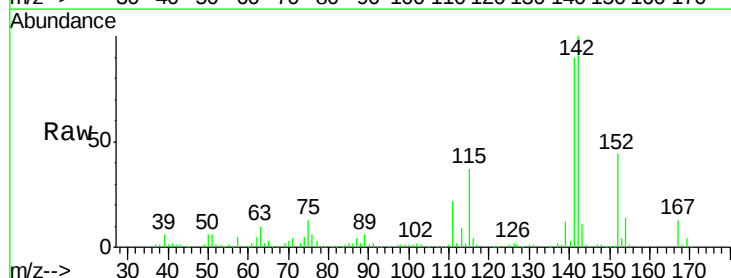
Instrument :  
BNA\_F  
ClientSampled :

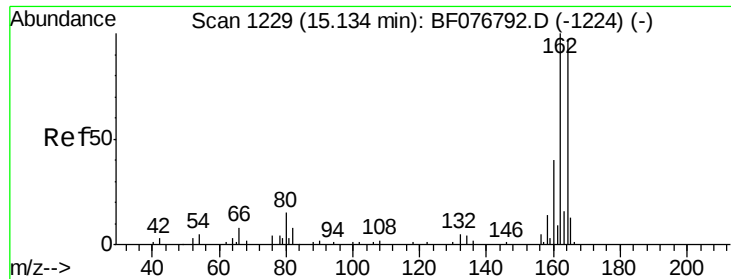
Tot Ion:107 Resp: 217883  
Ion Ratio Lower Upper  
107 100  
144 3.3 19.8 29.8#  
142 9.2 64.0 96.0#



#37  
2-Methylnaphthalene  
Concen: 50.53 ng  
RT: 12.67 min Scan# 1013  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:142 Resp: 265660  
Ion Ratio Lower Upper  
142 100  
141 90.3 71.0 106.4  
115 37.1 28.2 42.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.05 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

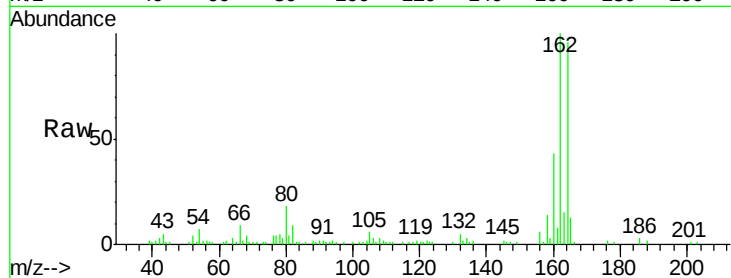
Tot Ion:164 Resp: 77423

Ion Ratio Lower Upper

164 100

162 104.0 82.5 123.7

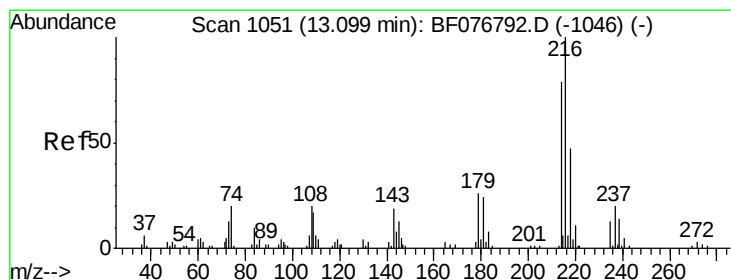
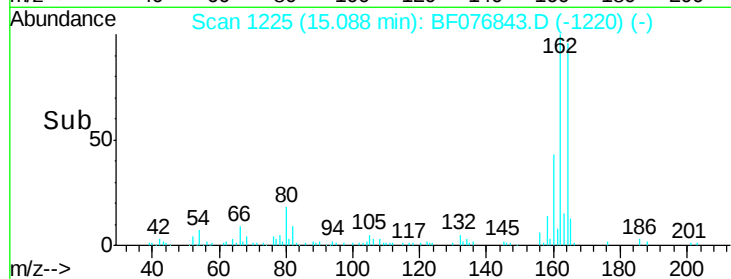
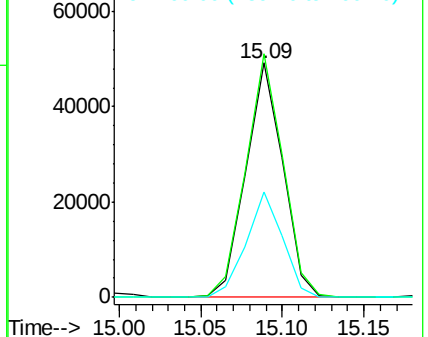
160 45.2 33.1 49.7



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: 45.36 ng

RT: 13.07 min Scan# 1048

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Tgt Ion:216 Resp: 87251

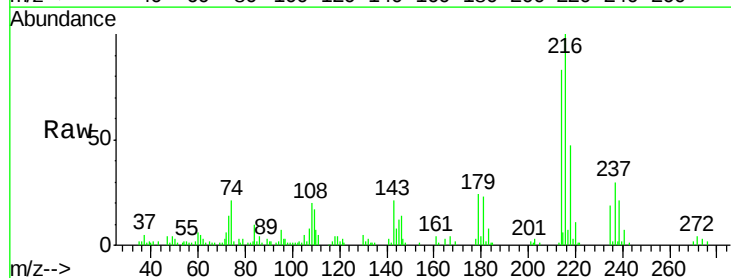
Ion Ratio Lower Upper

216 100

214 82.2 65.0 97.4

179 24.8 20.2 30.2

108 24.2 18.1 27.1

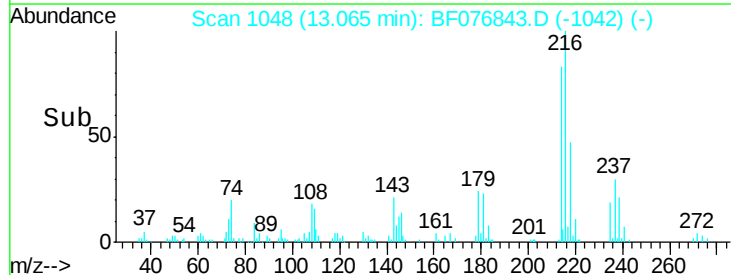
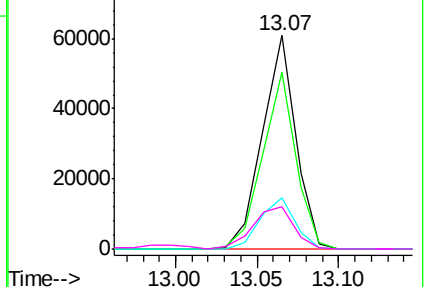


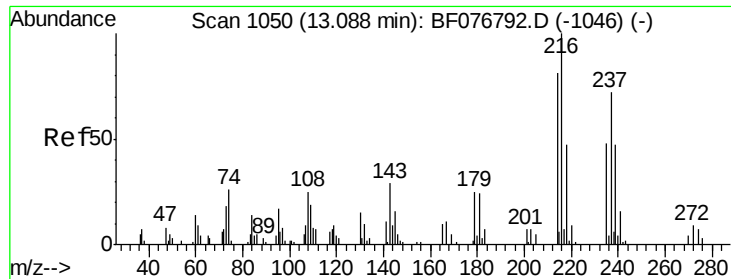
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

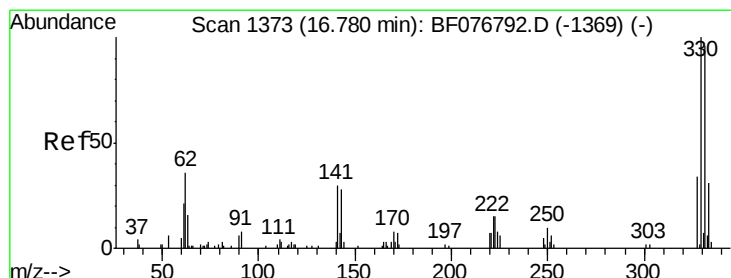
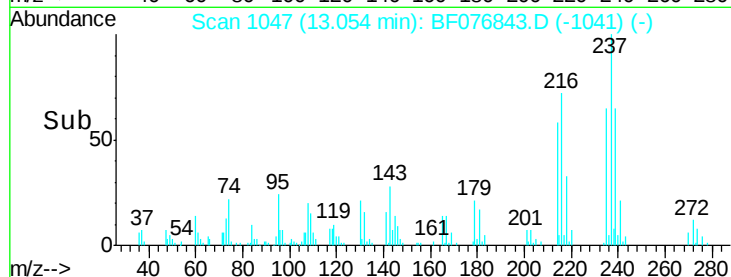
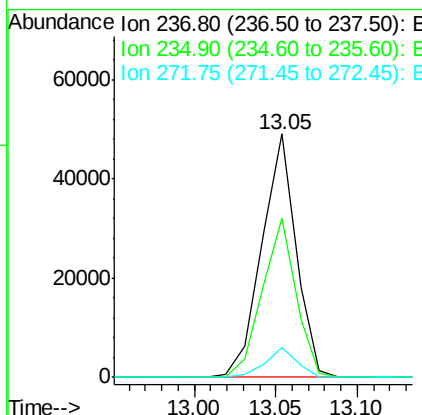
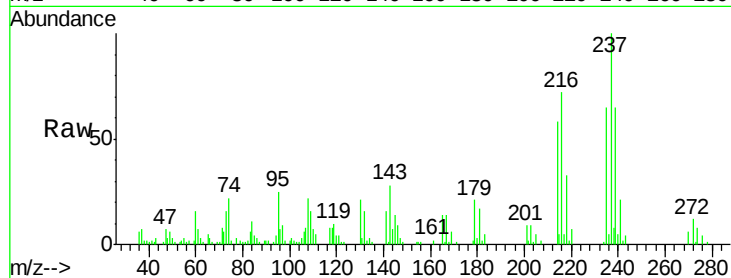




#40  
Hexachlorocyclopentadiene  
Concen: 64.97 ng  
RT: 13.05 min Scan# 1047  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

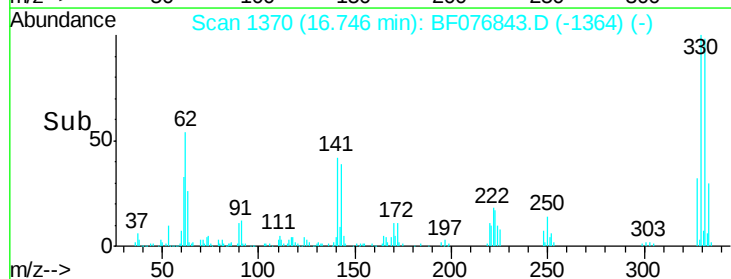
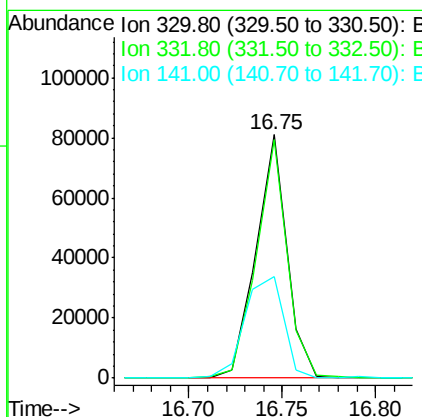
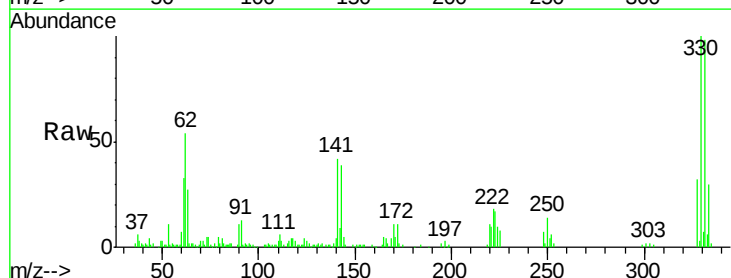
Instrument :  
BNA\_F  
ClientSampleId :

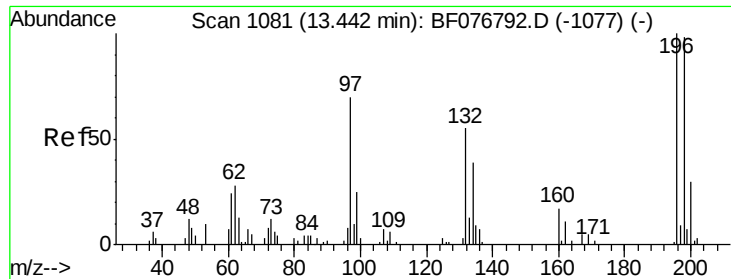
Tot Ion: 237 Resp: 71702  
Ion Ratio Lower Upper  
237 100  
235 65.3 46.3 86.3  
272 12.1 0.0 32.4



#41  
2,4,6-Tribromophenol  
Concen: 144.28 ng  
RT: 16.75 min Scan# 1370  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion: 330 Resp: 93234  
Ion Ratio Lower Upper  
330 100  
332 97.1 74.8 112.2  
141 53.2 42.4 63.6

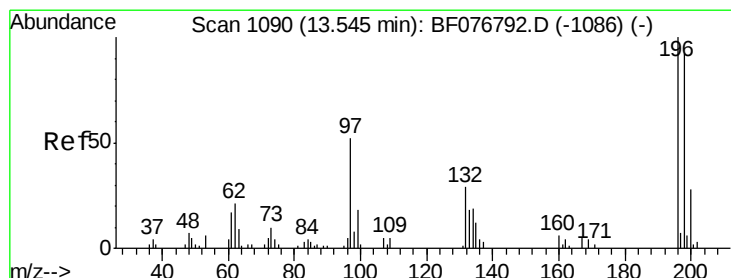
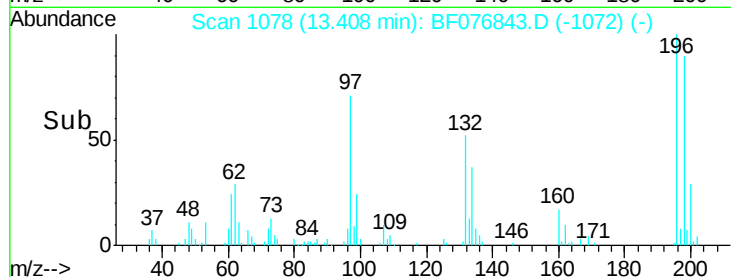
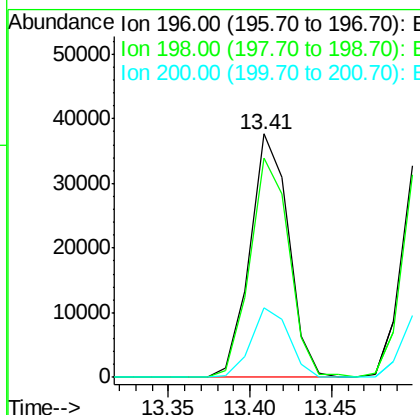
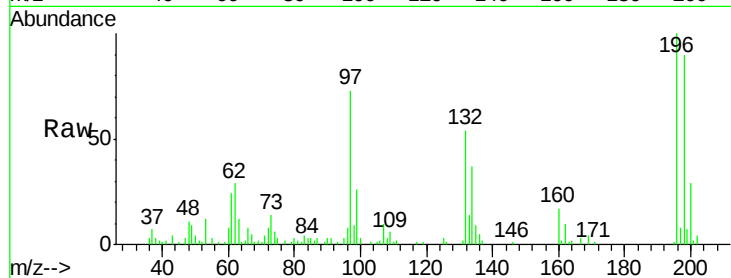




#42  
2,4,6-Trichlorophenol  
Concen: 44.43 ng  
RT: 13.41 min Scan# 1078  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

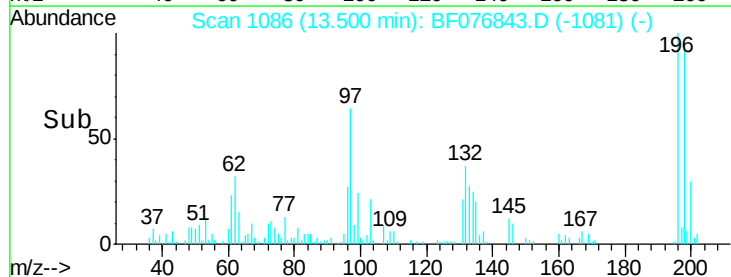
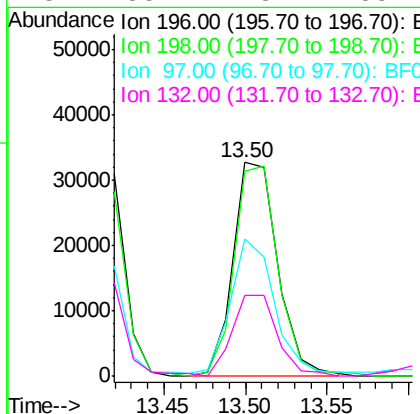
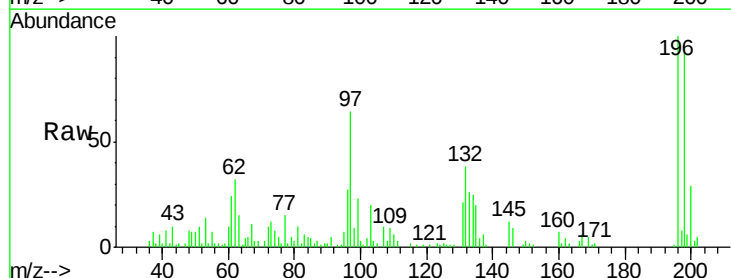
Instrument :  
BNA\_F  
ClientSampled :

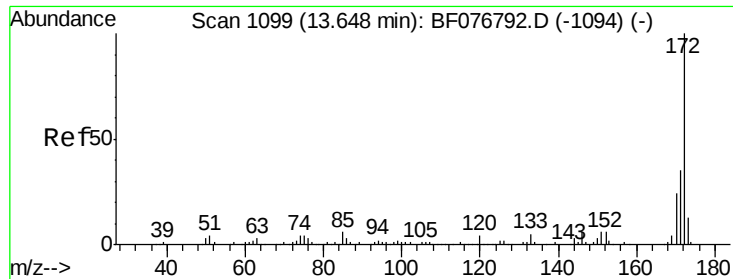
Tot Ion:196 Resp: 62072  
Ion Ratio Lower Upper  
196 100  
198 90.2 78.4 117.6  
200 28.8 24.4 36.6



#43  
2,4,5-Trichlorophenol  
Concen: 42.16 ng  
RT: 13.50 min Scan# 1086  
Delta R.T. -0.05 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:196 Resp: 61919  
Ion Ratio Lower Upper  
196 100  
198 95.9 73.8 110.8  
97 64.1 41.3 61.9#  
132 38.1 23.4 35.2#

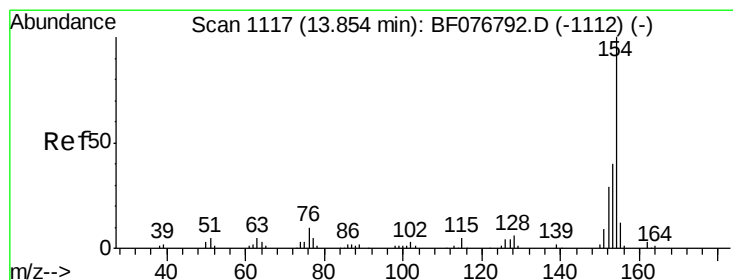
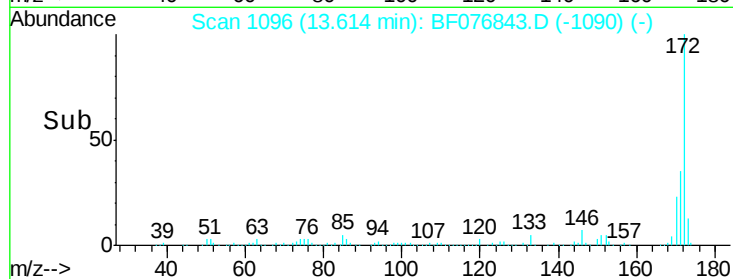
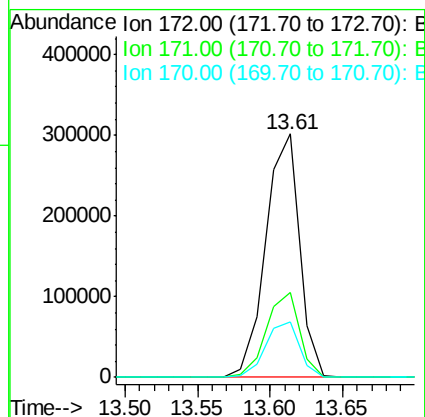
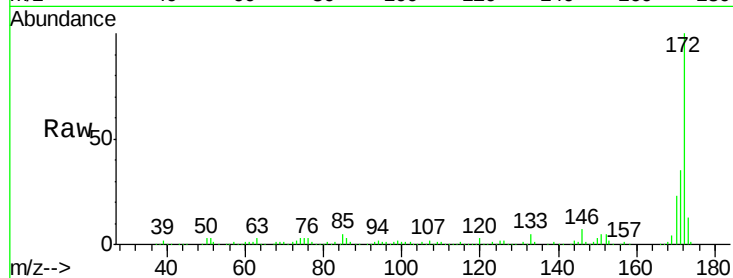




#44  
2-Fluorobiphenyl  
Concen: 92.86 ng  
RT: 13.61 min Scan# 1096  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

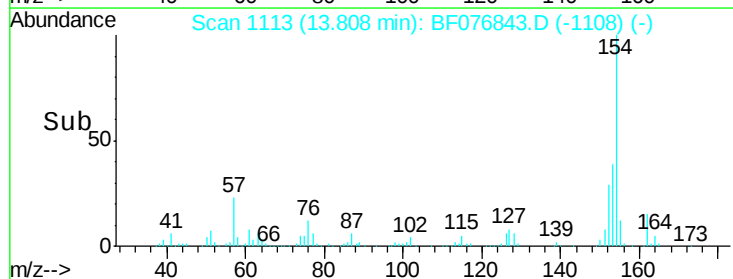
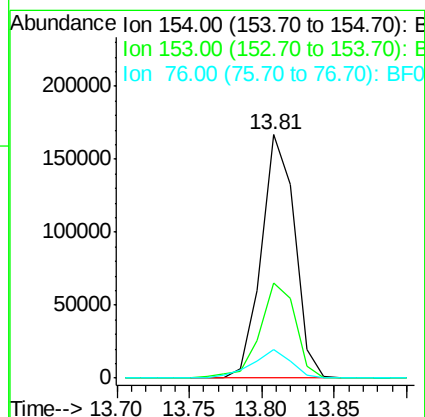
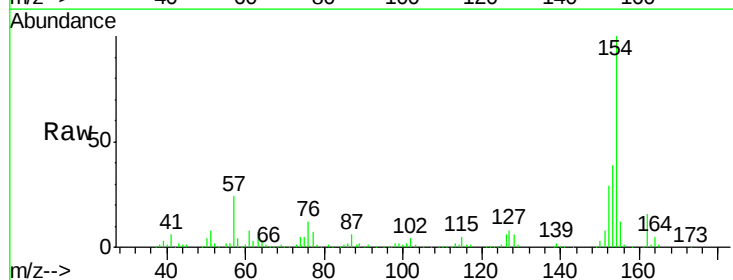
Instrument :  
BNA\_F  
ClientSampleId :

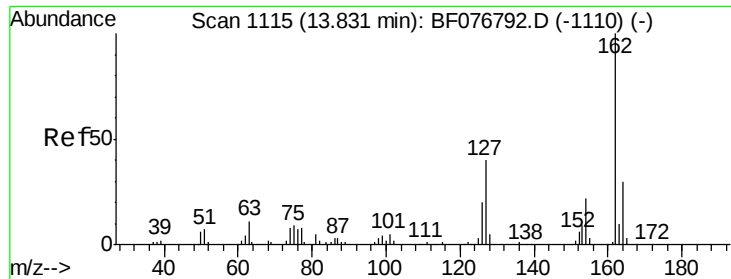
Tot Ion:172 Resp: 488472  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.8  
170 22.9 18.8 28.2



#45  
1,1'-Biphenyl  
Concen: 44.57 ng  
RT: 13.81 min Scan# 1113  
Delta R.T. -0.05 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:154 Resp: 265279  
Ion Ratio Lower Upper  
154 100  
153 39.0 19.9 59.9  
76 11.7 0.0 29.9

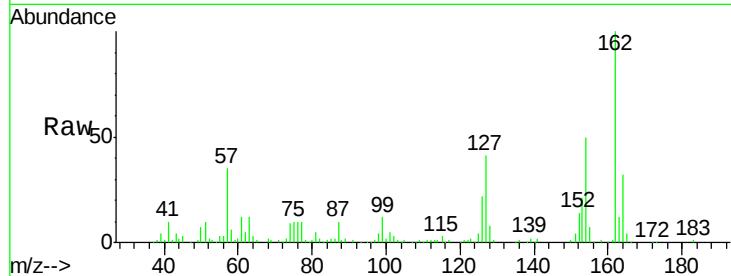




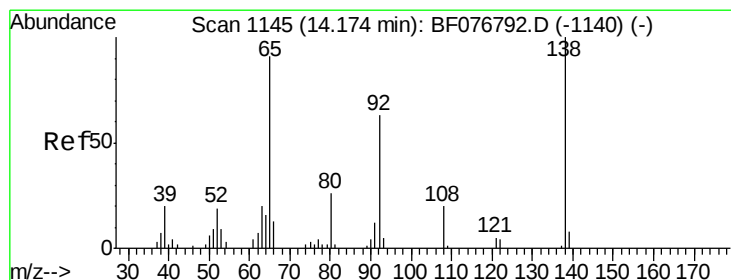
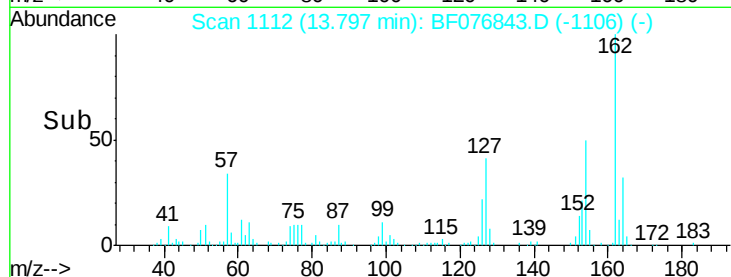
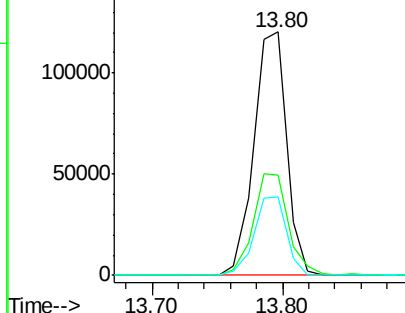
#46  
2-Chloronaphthalene  
Concen: 44.18 ng  
RT: 13.80 min Scan# 1112  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.1  | 31.8  | 47.6  |
| 164     | 32.1  | 24.1  | 36.1  |

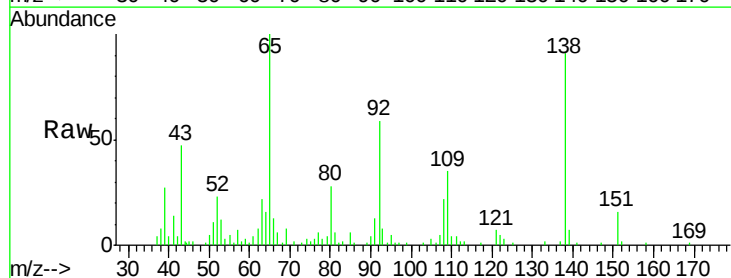


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

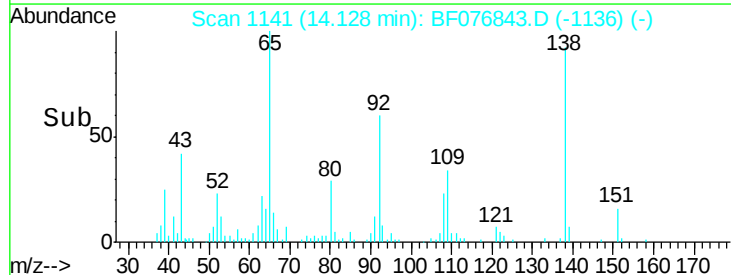
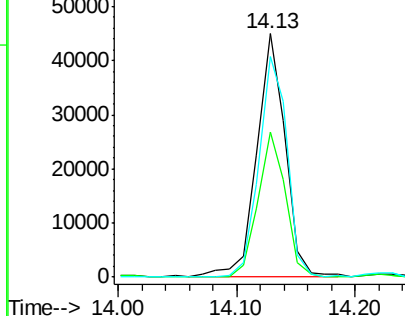


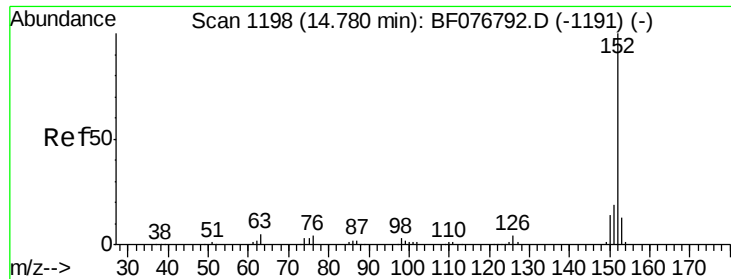
#47  
2-Nitroaniline  
Concen: 53.00 ng  
RT: 14.13 min Scan# 1141  
Delta R.T. -0.05 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 59.5  | 56.0  | 84.0  |
| 138     | 90.8  | 88.2  | 132.4 |



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 41.38 ng

RT: 14.75 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

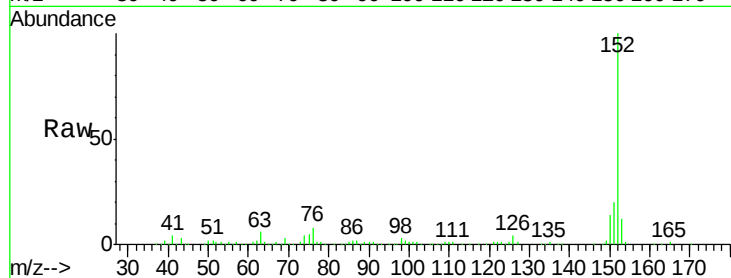
Tot Ion:152 Resp: 335455

Ion Ratio Lower Upper

152 100

151 20.4 15.2 22.8

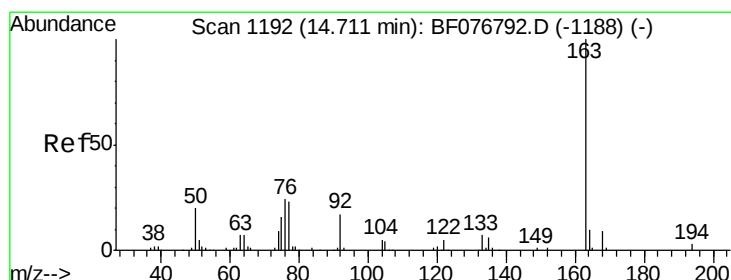
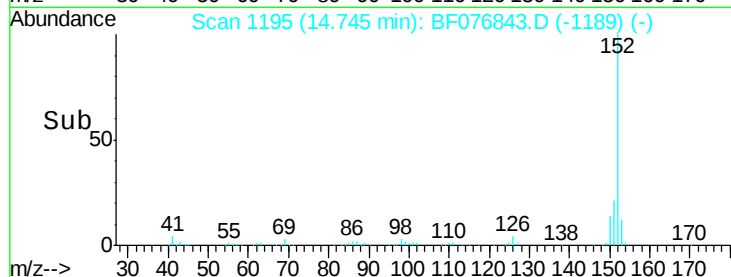
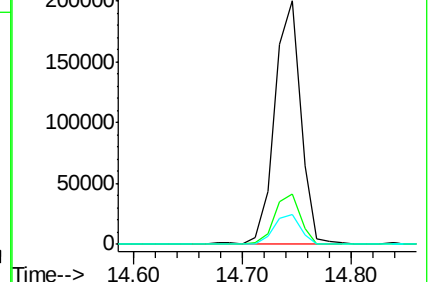
153 12.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.65 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

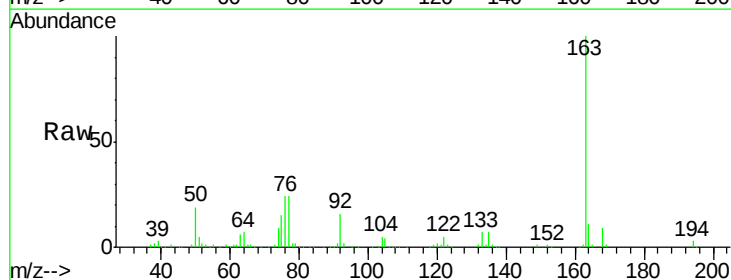
Tgt Ion:163 Resp: 268117

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

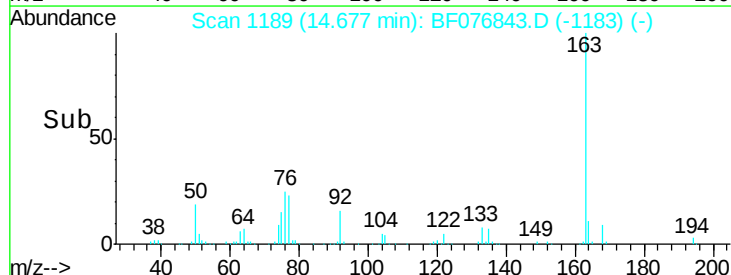
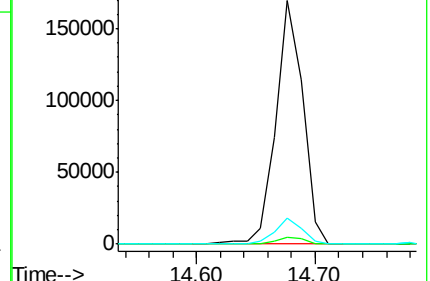
164 10.8 8.3 12.5

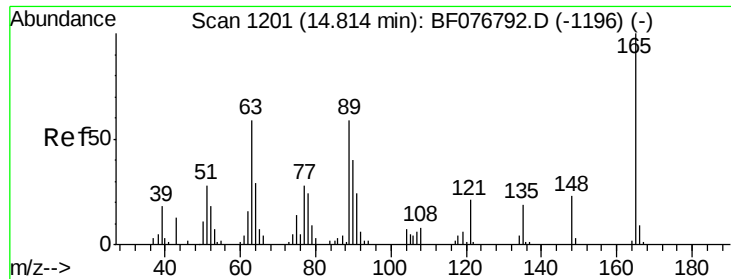


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

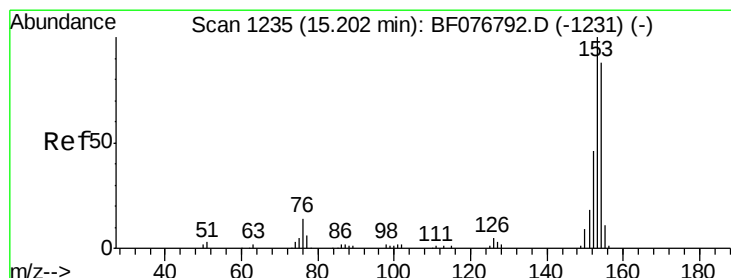
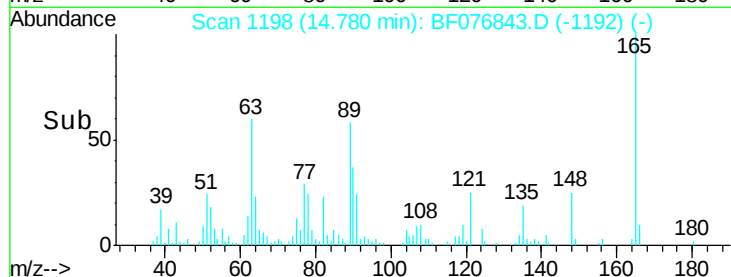
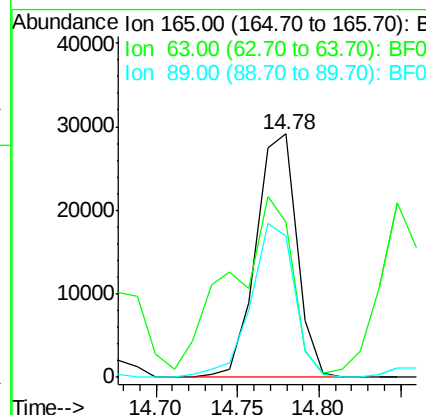
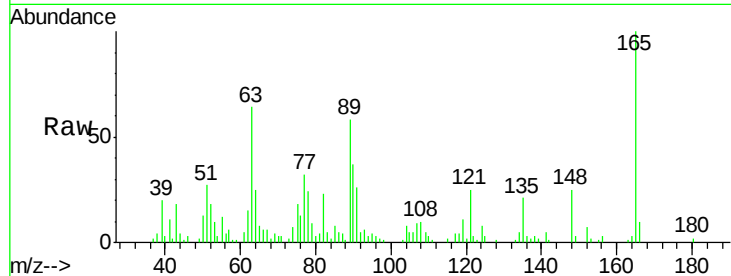




#50  
2,6-Dinitrotoluene  
Concen: 42.74 ng  
RT: 14.78 min Scan# 1198  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

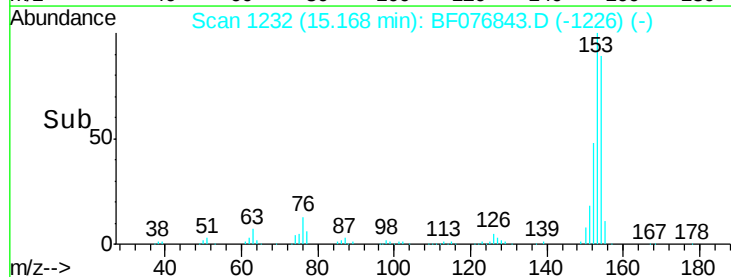
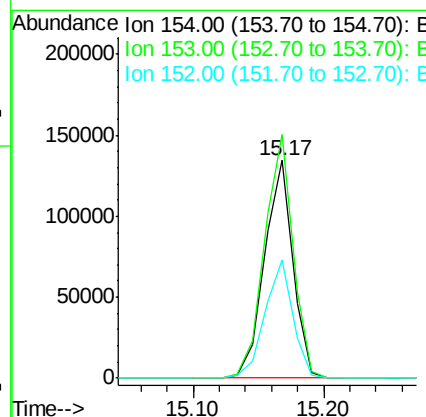
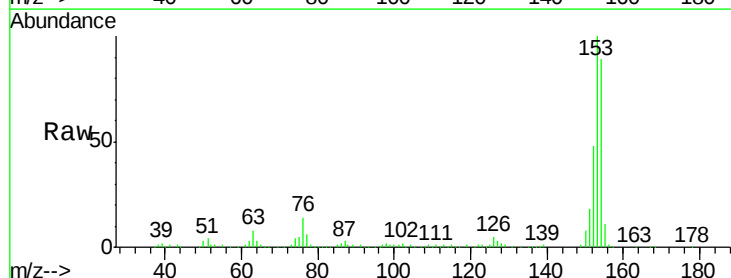
Instrument :  
BNA\_F  
ClientSampleId :

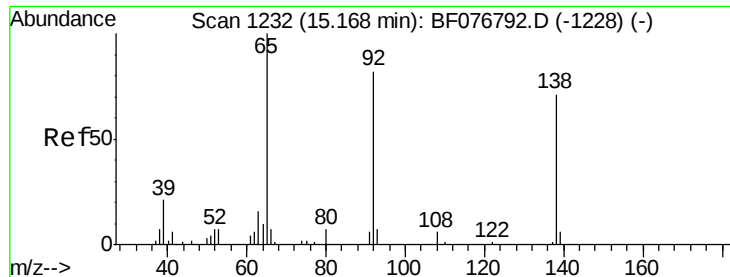
Tot Ion:165 Resp: 50988  
Ion Ratio Lower Upper  
165 100  
63 63.7 49.8 74.8  
89 58.2 46.8 70.2



#51  
Acenaphthene  
Concen: 44.82 ng  
RT: 15.17 min Scan# 1232  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:154 Resp: 205230  
Ion Ratio Lower Upper  
154 100  
153 112.0 91.0 136.6  
152 54.2 42.2 63.2

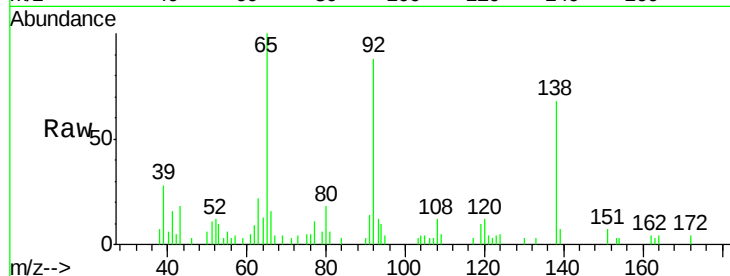




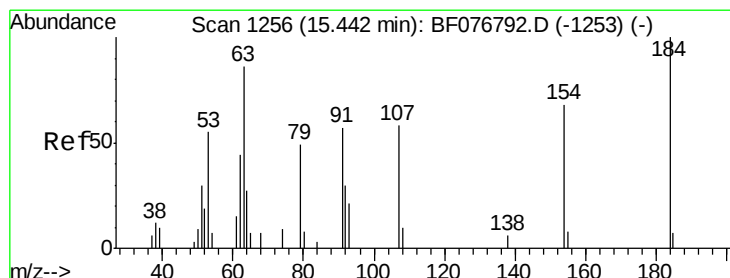
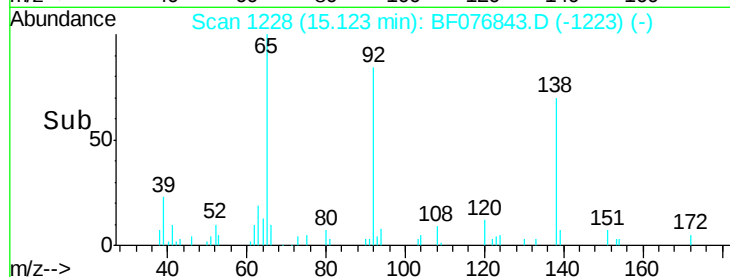
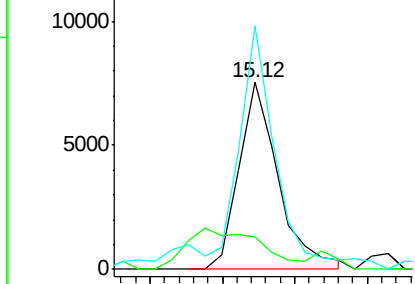
#52  
3-Nitroaniline  
Concen: 10.41 ng  
RT: 15.12 min Scan# 1228  
Delta R.T. -0.05 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 14198  
Ion Ratio Lower Upper  
138 100  
108 17.5 8.6 13.0#  
92 130.4 92.0 138.0

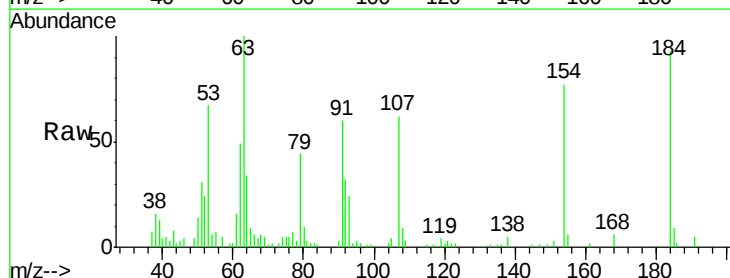


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BFO

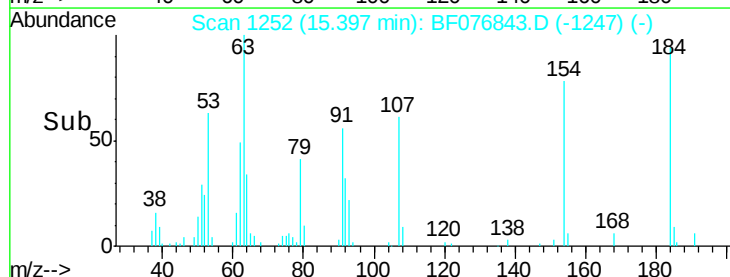
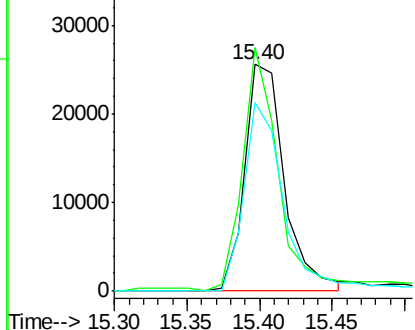


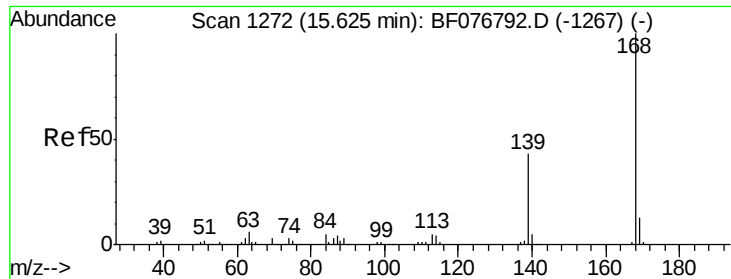
#53  
2,4-Dinitrophenol  
Concen: 95.89 ng  
RT: 15.40 min Scan# 1252  
Delta R.T. -0.05 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:184 Resp: 48799  
Ion Ratio Lower Upper  
184 100  
63 107.5 68.6 102.8#  
154 83.0 54.8 82.2#



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

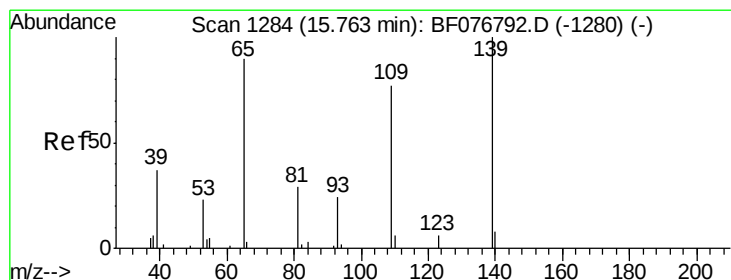
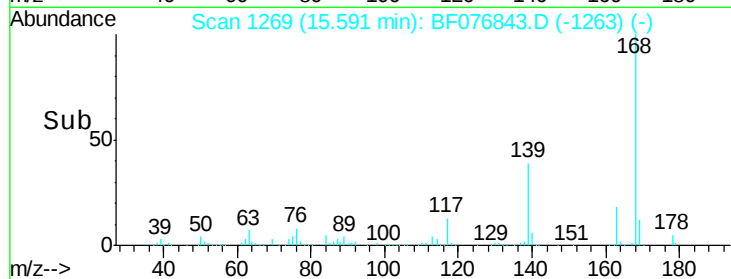
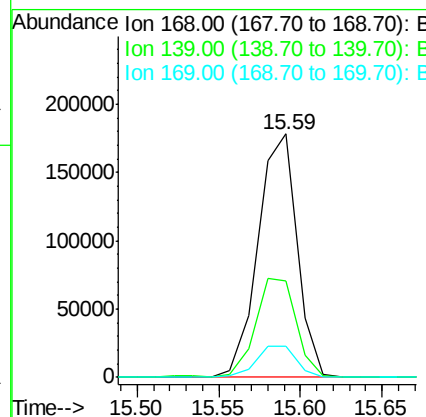
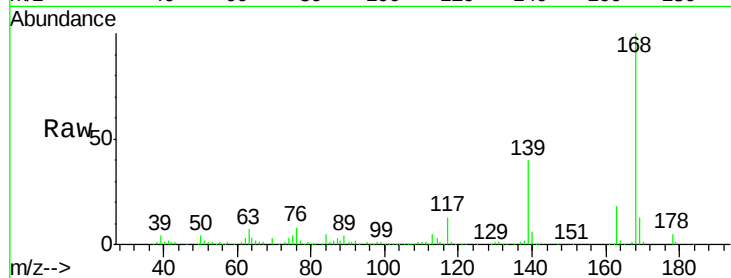




#54  
Dibenzofuran  
Concen: 44.36 ng  
RT: 15.59 min Scan# 1269  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

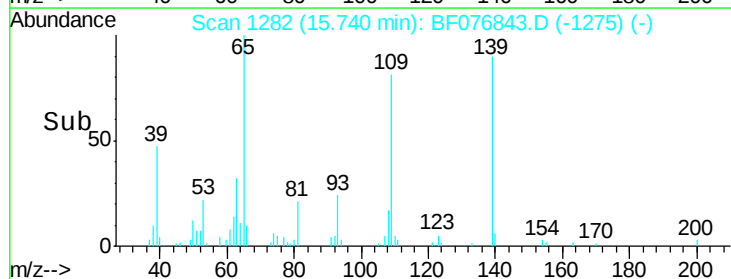
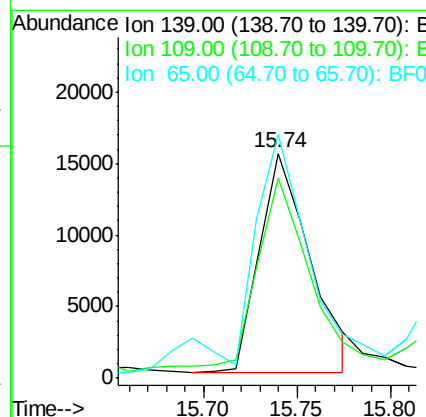
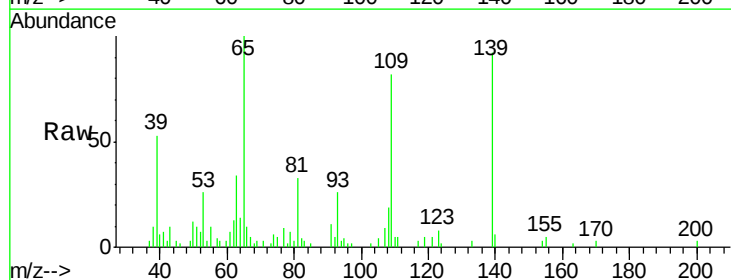
Instrument :  
BNA\_F  
ClientSampleId :

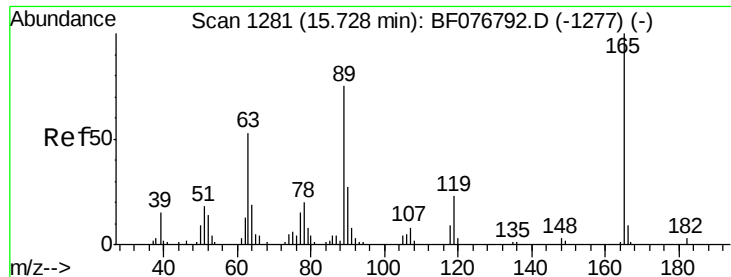
Tot Ion:168 Resp: 297250  
Ion Ratio Lower Upper  
168 100  
139 39.5 34.2 51.4  
169 12.7 10.5 15.7



#55  
4-Nitrophenol  
Concen: 32.69 ng  
RT: 15.74 min Scan# 1282  
Delta R.T. -0.02 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:139 Resp: 28700  
Ion Ratio Lower Upper  
139 100  
109 89.4 57.5 97.5  
65 108.5 77.3 117.3

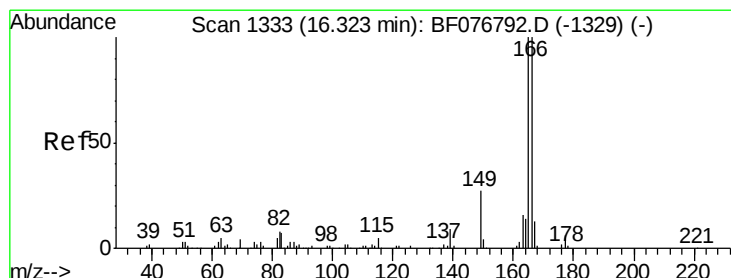
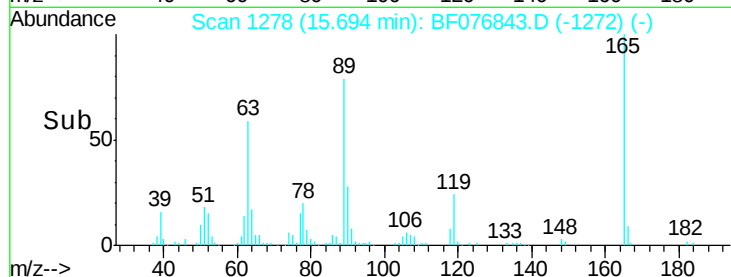
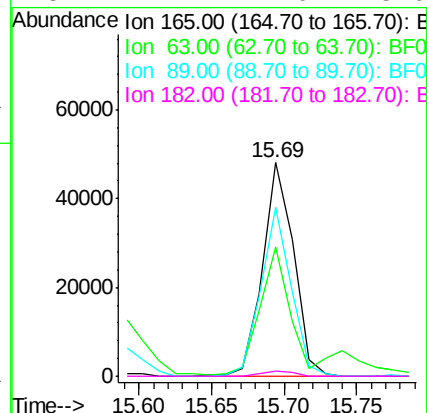
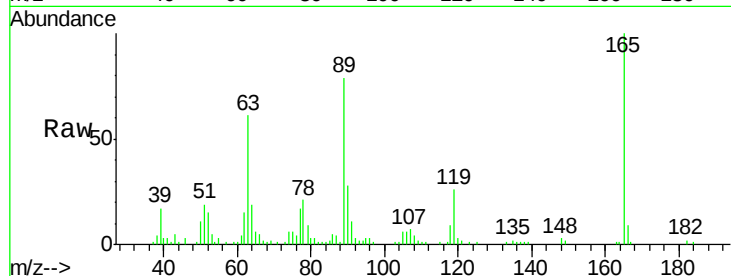




#56  
2,4-Dinitrotoluene  
Concen: 46.97 ng  
RT: 15.69 min Scan# 1278  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

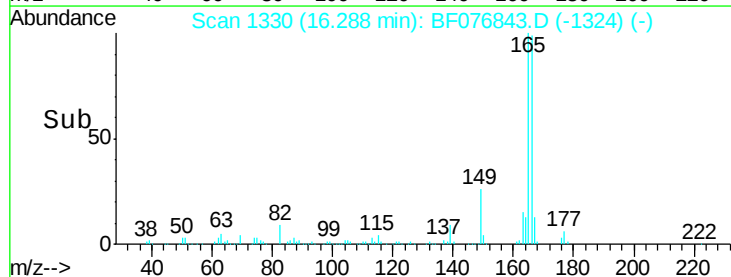
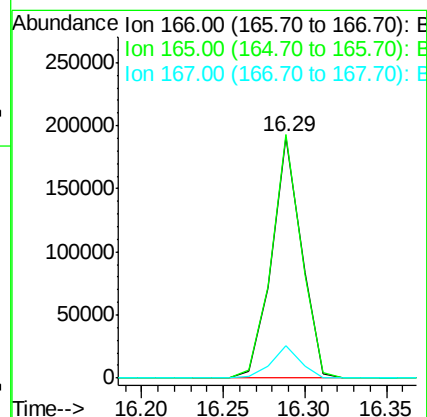
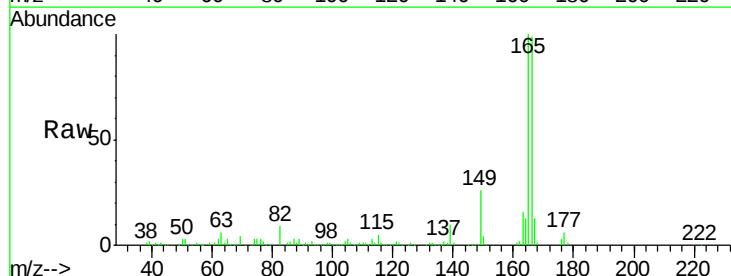
Instrument :  
BNA\_F  
ClientSampleId :

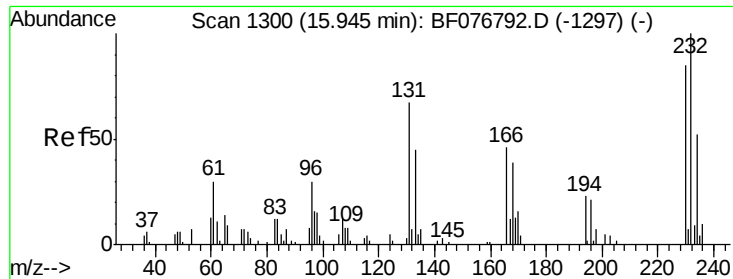
|             |             |
|-------------|-------------|
| Tot Ion:165 | Resp: 71555 |
| Ion Ratio   | Lower Upper |
| 165 100     |             |
| 63 60.6     | 42.5 63.7   |
| 89 79.2     | 60.2 90.2   |
| 182 2.4     | 2.0 3.0     |



#57  
Fluorene  
Concen: 43.68 ng  
RT: 16.29 min Scan# 1330  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:166 | Resp: | 244374 |
| Ion | Ratio   | Lower | Upper  |
| 166 | 100     |       |        |
| 165 | 100.9   | 79.6  | 119.4  |
| 167 | 13.4    | 10.2  | 15.2   |

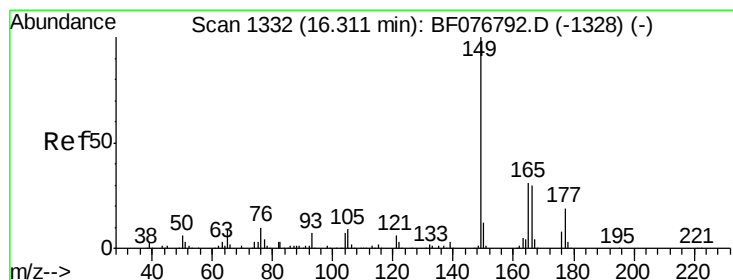
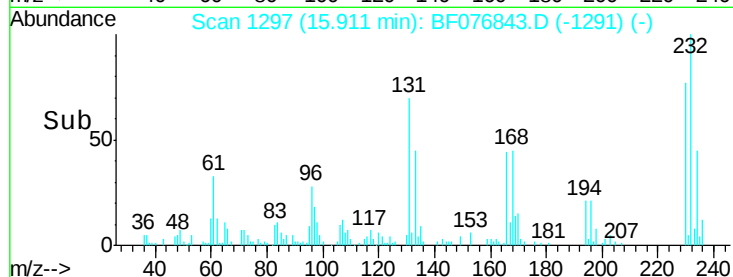
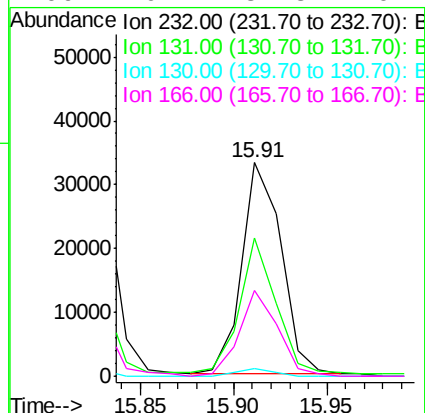
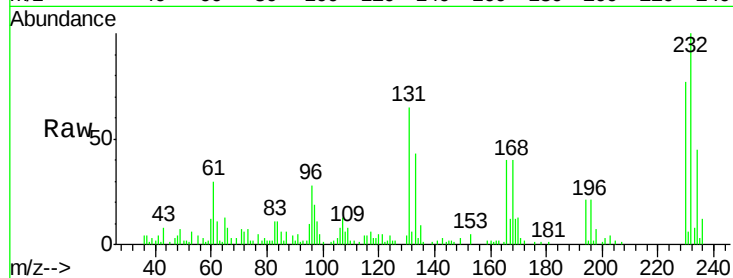




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.19 ng  
 RT: 15.91 min Scan# 1297  
 Delta R.T. -0.03 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

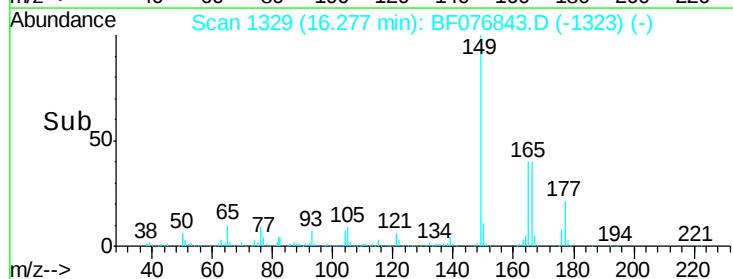
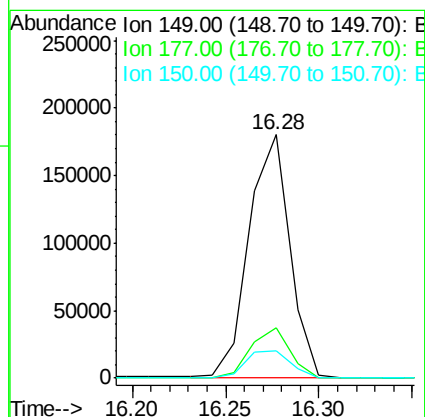
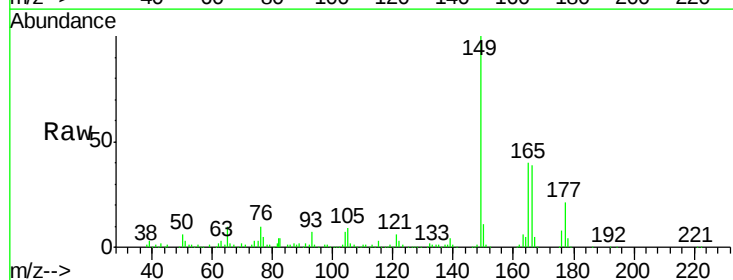
Instrument :  
 BNA\_F  
 ClientSampleId :

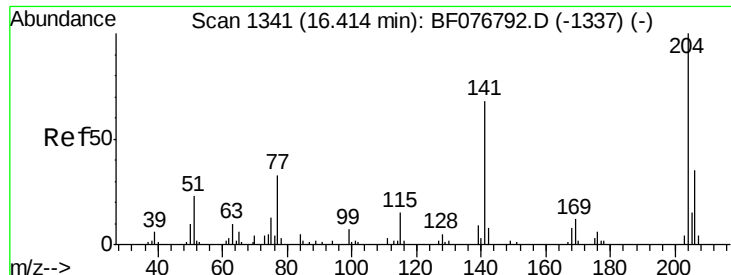
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 48015 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 57.9  | 49.4  | 74.0  |
| 130      | 3.5   | 2.4   | 3.6   |
| 166      | 40.1  | 32.8  | 49.2  |



#59  
 Diethylphthalate  
 Concen: 47.27 ng  
 RT: 16.28 min Scan# 1329  
 Delta R.T. -0.03 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 274011 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 20.8  | 15.4  | 23.2   |
| 150      | 11.3  | 9.4   | 14.0   |

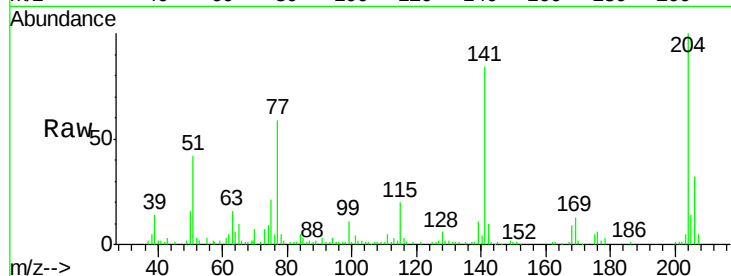




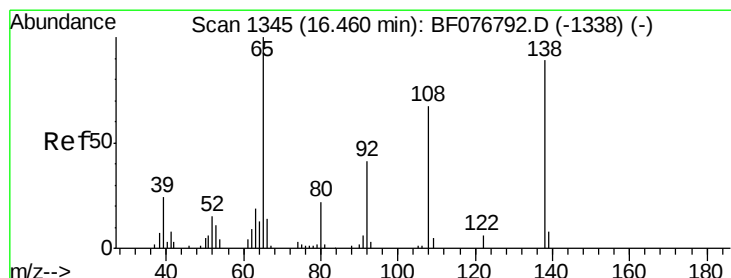
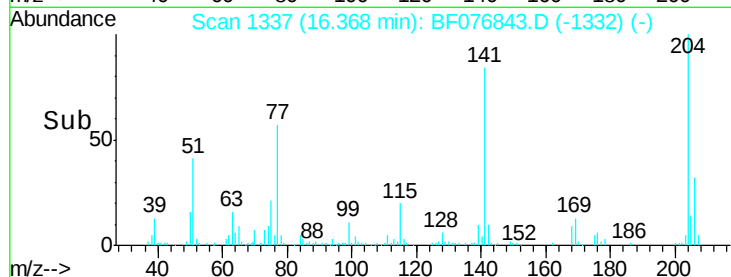
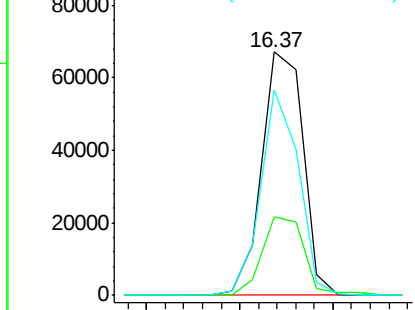
#60  
4-Chlorophenyl-phenylether  
Concen: 42.89 ng  
RT: 16.37 min Scan# 1337  
Delta R.T. -0.05 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 103011  
Ion Ratio Lower Upper  
204 100  
206 32.4 27.7 41.5  
141 84.3 54.6 82.0#

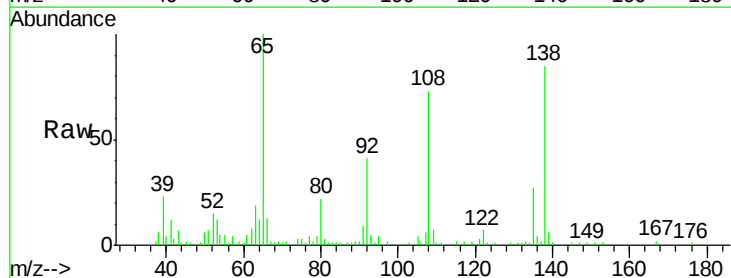


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

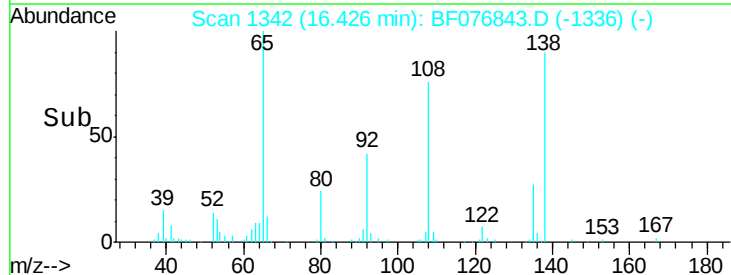
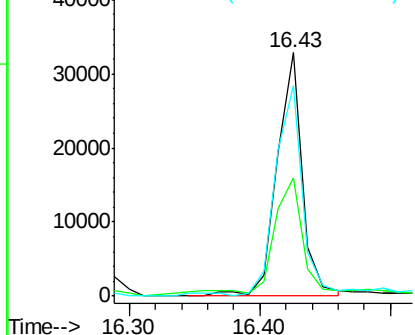


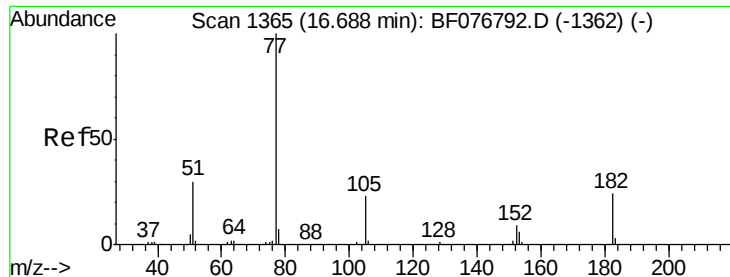
#61  
4-Nitroaniline  
Concen: 35.33 ng  
RT: 16.43 min Scan# 1342  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:138 Resp: 44565  
Ion Ratio Lower Upper  
138 100  
92 48.6 26.3 66.3  
108 86.2 54.5 94.5



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: 44.77 ng

RT: 16.65 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

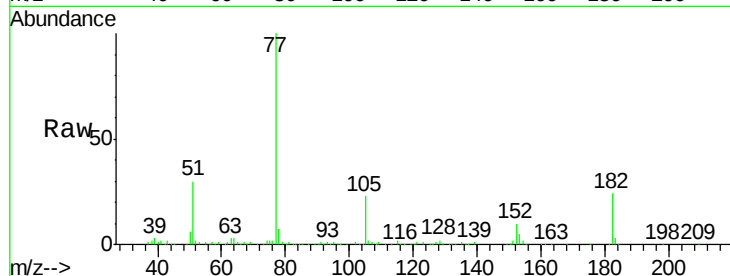
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 266098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.4  | 3.7   | 43.7  |
| 105 | 22.9  | 2.7   | 42.7  |
| 51  | 29.7  | 11.8  | 51.8  |

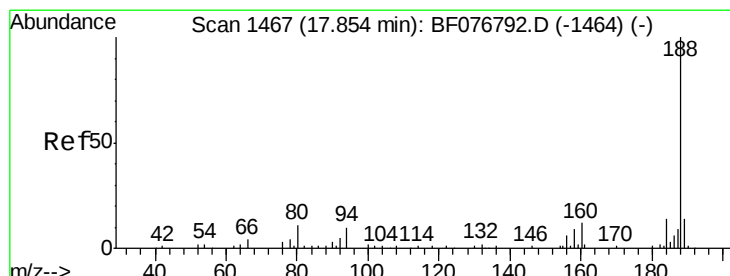
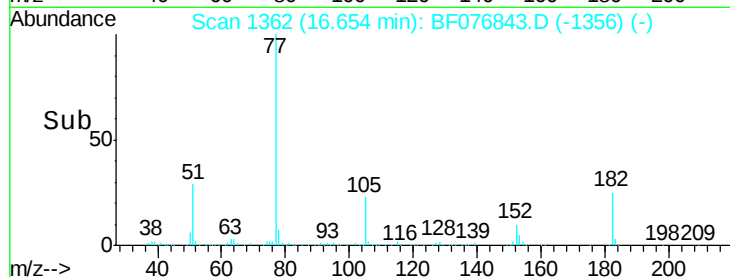


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.83 min Scan# 1465

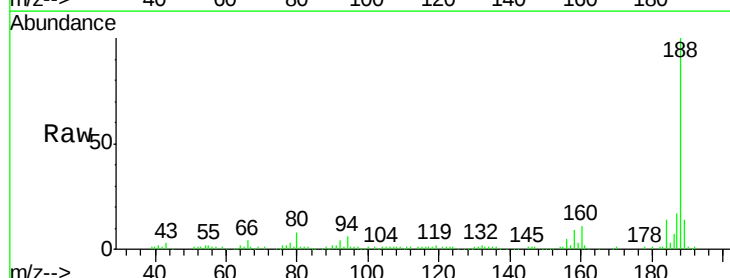
Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Tgt Ion: 188 Resp: 126528

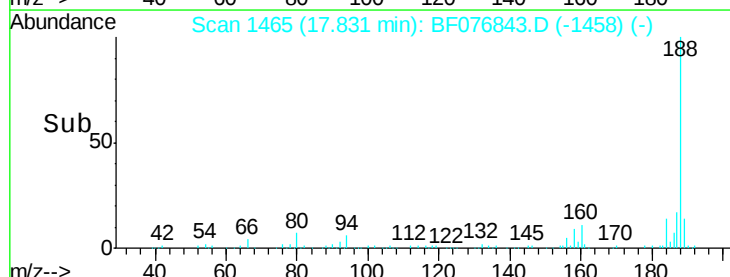
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.3   | 7.8   | 11.6# |
| 80  | 7.8   | 8.6   | 13.0# |

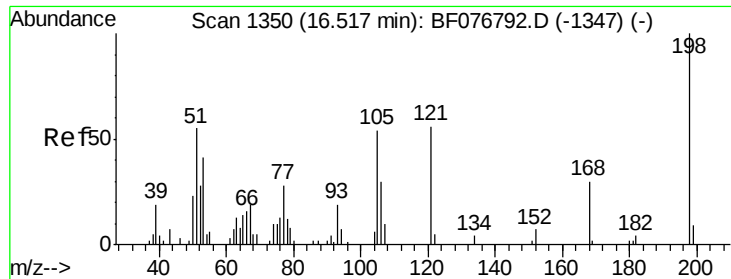


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 48.40 ng

RT: 16.49 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

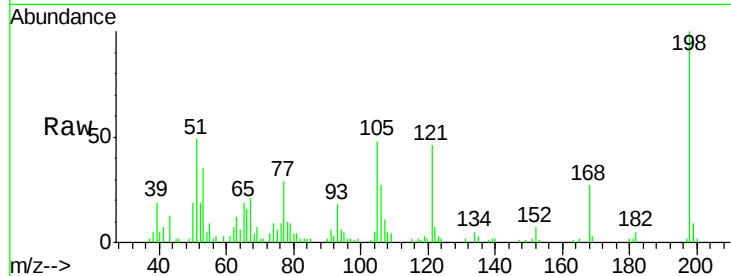
Tot Ion:198 Resp: 34743

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 49.4  | 35.2  | 75.2  |
| 105 | 47.9  | 34.2  | 74.2  |

198 100

51 49.4 35.2 75.2

105 47.9 34.2 74.2

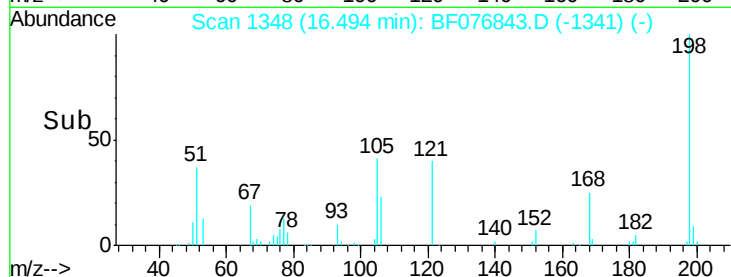


Abundance Ion 198.00 (197.70 to 198.70): E

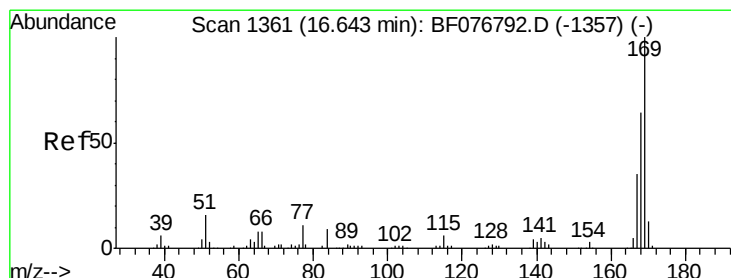
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 58.19 ng

RT: 16.61 min Scan# 1358

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

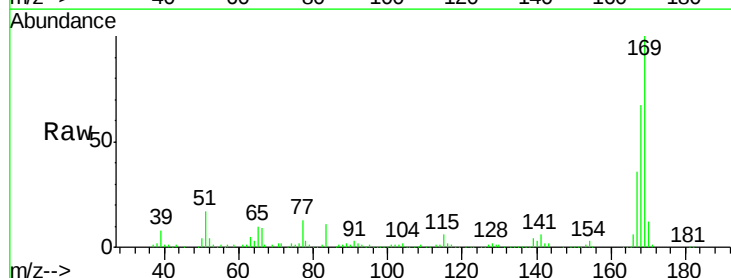
Tgt Ion:169 Resp: 267435

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.2  | 51.2  | 76.8  |
| 167 | 36.3  | 28.2  | 42.2  |

169 100

168 67.2 51.2 76.8

167 36.3 28.2 42.2

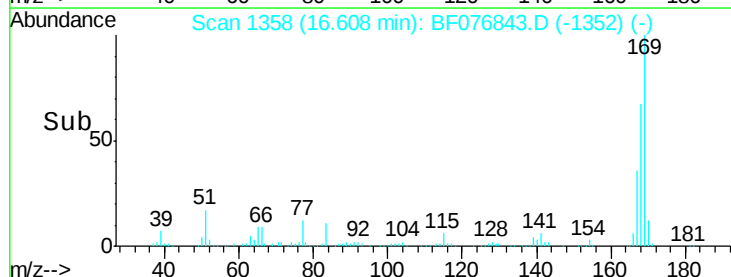


Abundance Ion 169.00 (168.70 to 169.70): E

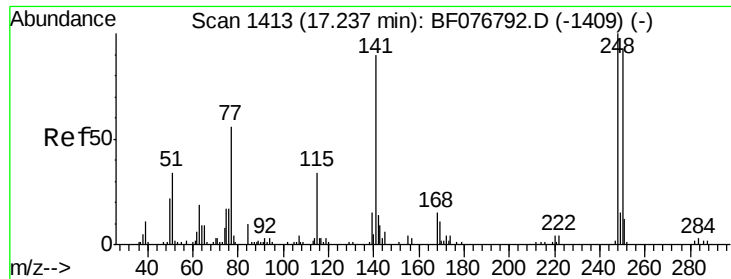
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



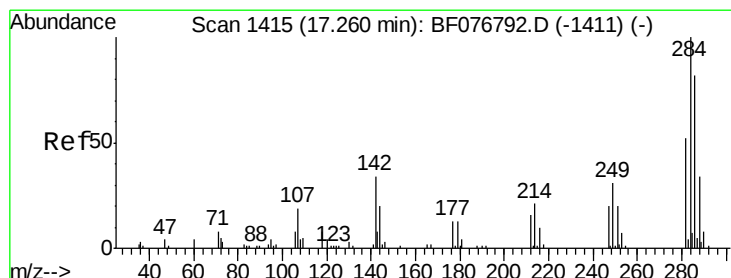
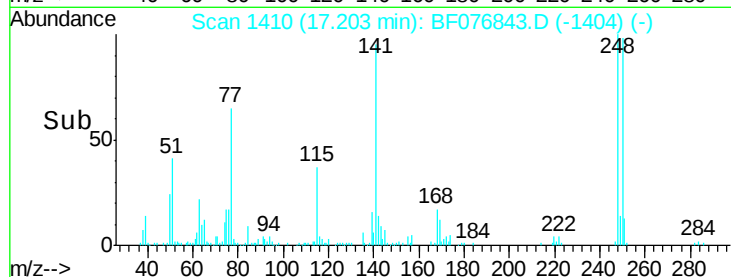
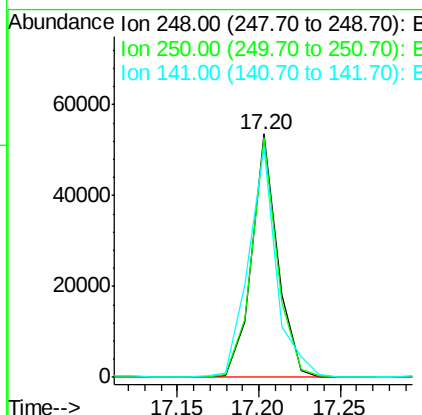
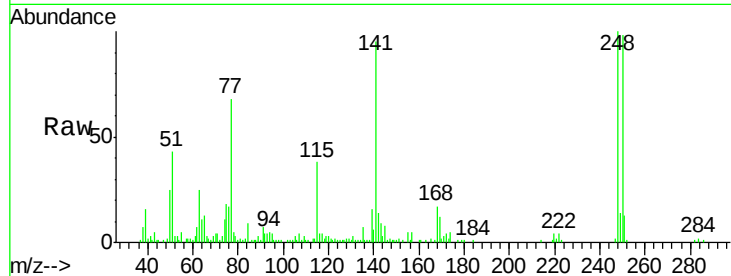
Time-->



#66  
4-Bromophenyl-phenylether  
Concen: 44.73 ng  
RT: 17.20 min Scan# 1410  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

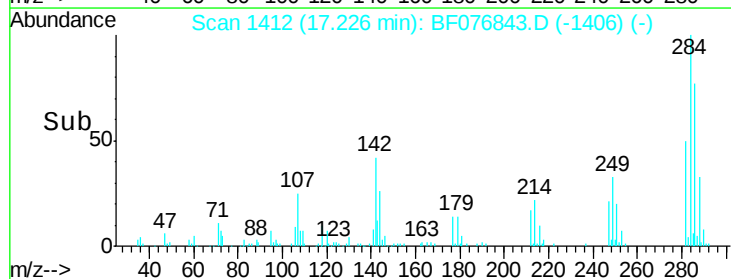
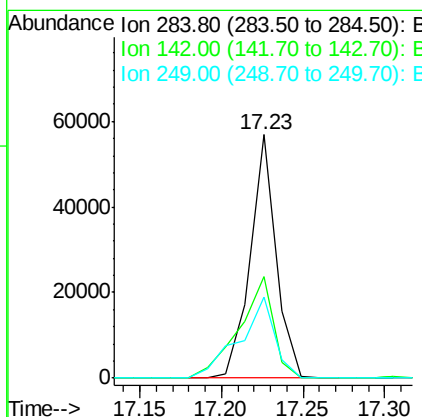
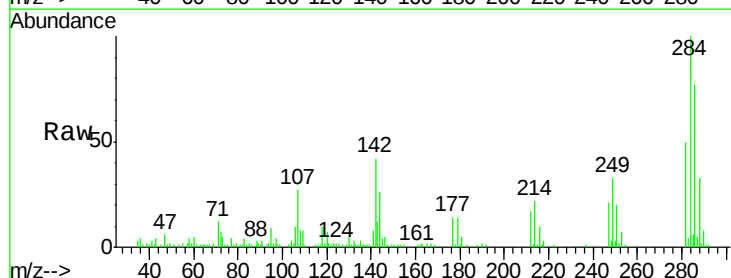
Instrument :  
BNA\_F  
ClientSampleId :

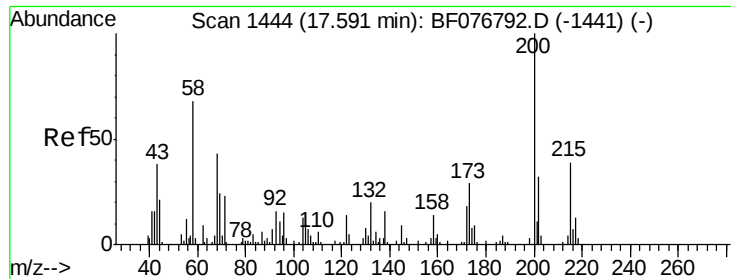
Tot Ion:248 Resp: 58717  
Ion Ratio Lower Upper  
248 100  
250 98.4 74.7 112.1  
141 94.8 71.8 107.6



#67  
Hexachlorobenzene  
Concen: 45.52 ng  
RT: 17.23 min Scan# 1412  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:284 Resp: 62537  
Ion Ratio Lower Upper  
284 100  
142 41.5 27.5 41.3#  
249 33.2 24.5 36.7

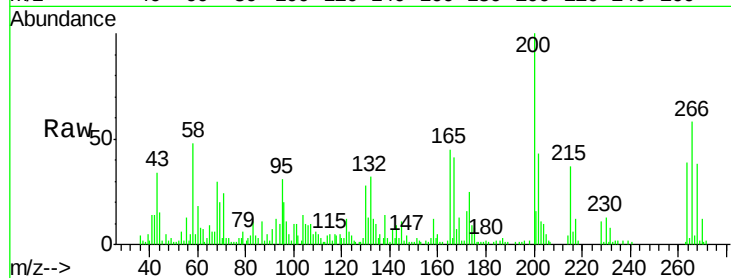




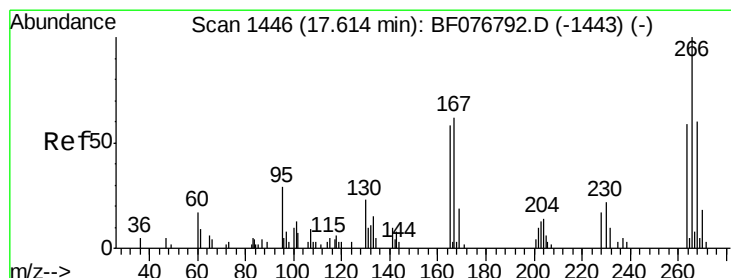
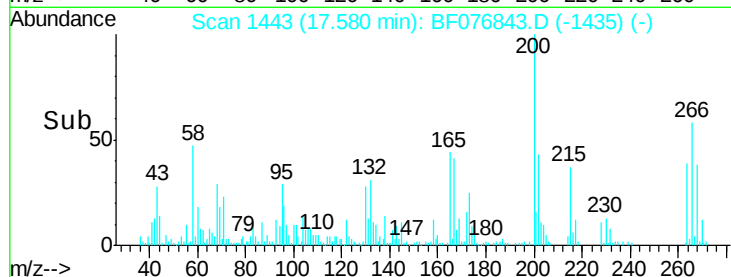
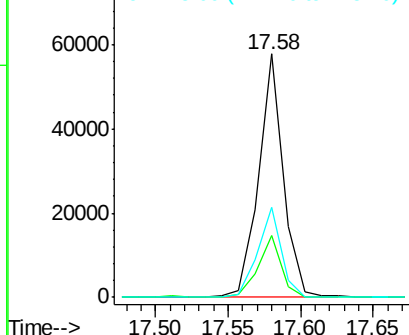
#68  
Atrazine  
Concen: 48.94 ng  
RT: 17.58 min Scan# 1443  
Delta R.T. -0.01 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 9.2   | 49.2  |
| 215     | 36.9  | 19.2  | 59.2  |

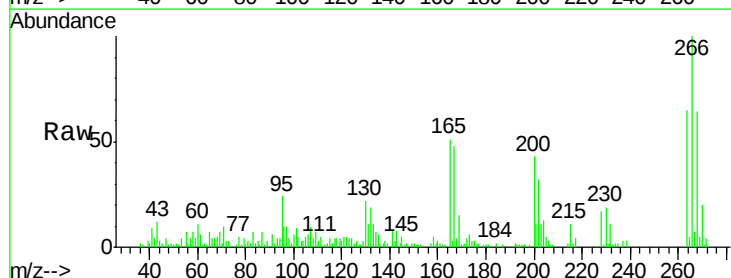


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

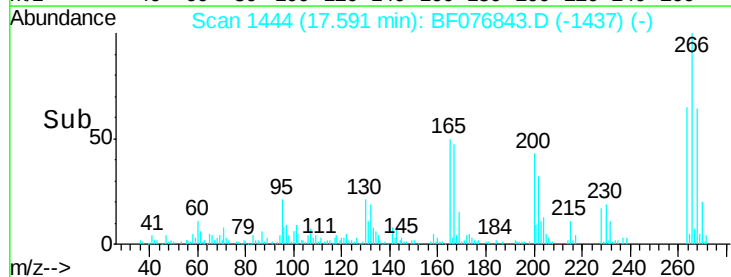
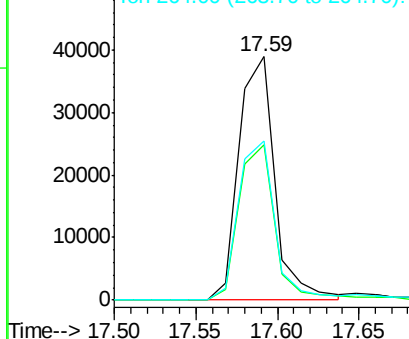


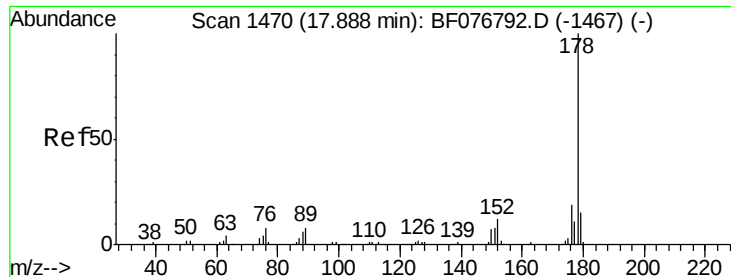
#69  
Pentachlorophenol  
Concen: 99.61 ng  
RT: 17.59 min Scan# 1444  
Delta R.T. -0.02 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 48.1  | 72.1  |
| 264     | 65.3  | 47.1  | 70.7  |



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: 44.51 ng

RT: 17.87 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

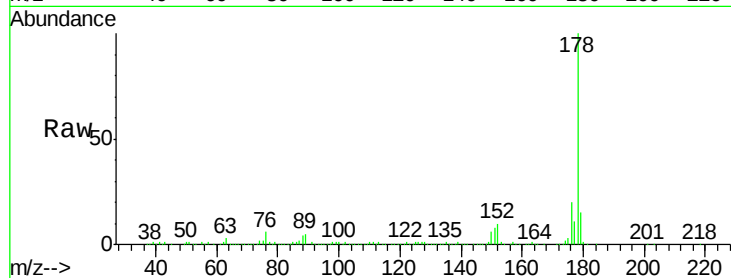
Tot Ion:178 Resp: 350983

Ion Ratio Lower Upper

178 100

176 19.6 15.2 22.8

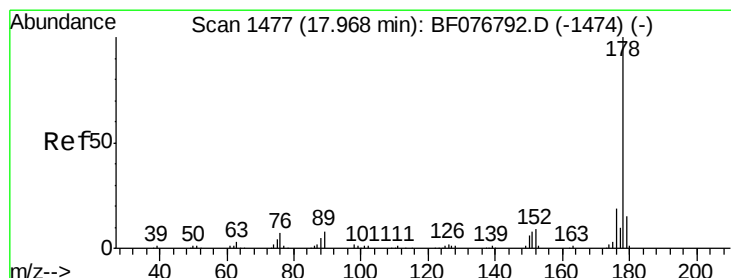
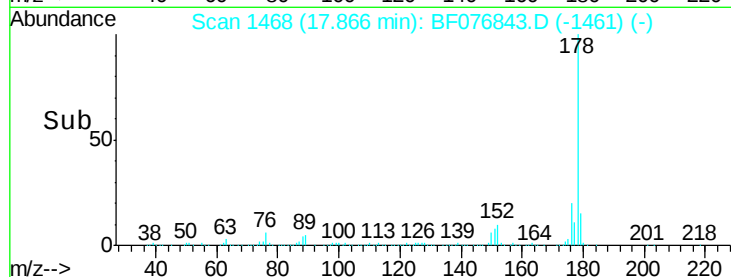
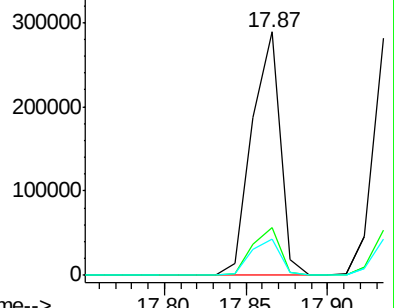
179 14.8 11.8 17.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 43.71 ng

RT: 17.93 min Scan# 1474

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

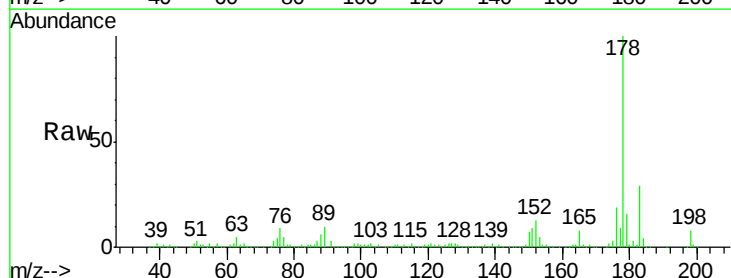
Tgt Ion:178 Resp: 334728

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

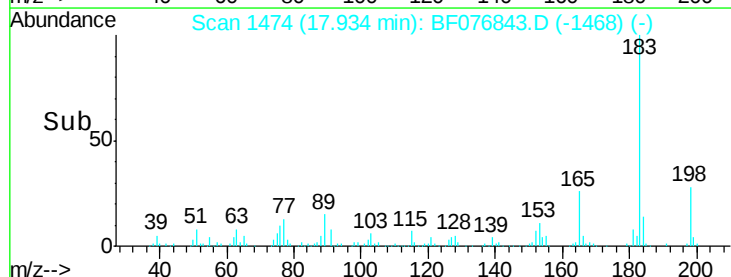
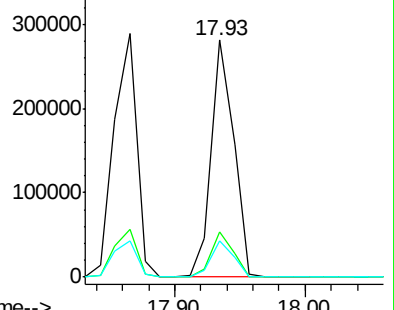
179 15.5 12.2 18.4

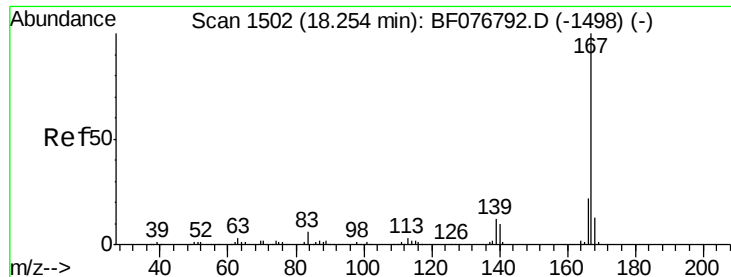


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.16 ng

RT: 18.22 min Scan# 1499

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

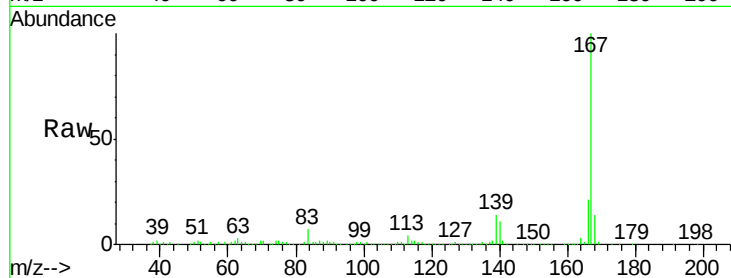
Tot Ion:167 Resp: 324047

Ion Ratio Lower Upper

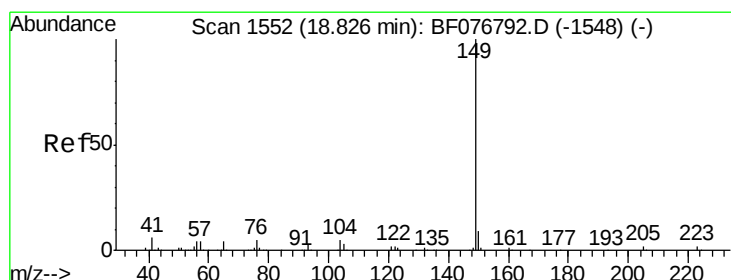
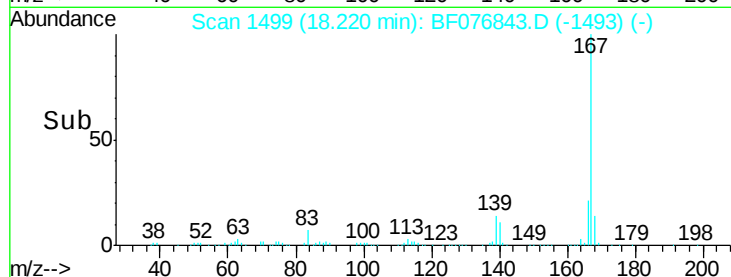
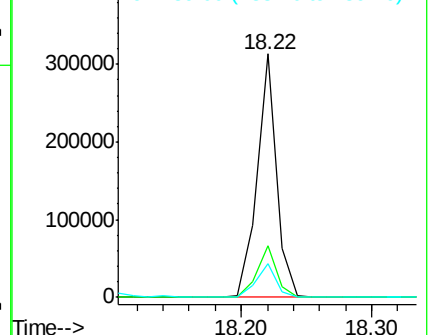
167 100

166 21.1 17.2 25.8

139 14.0 10.0 15.0



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: 46.64 ng

RT: 18.80 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

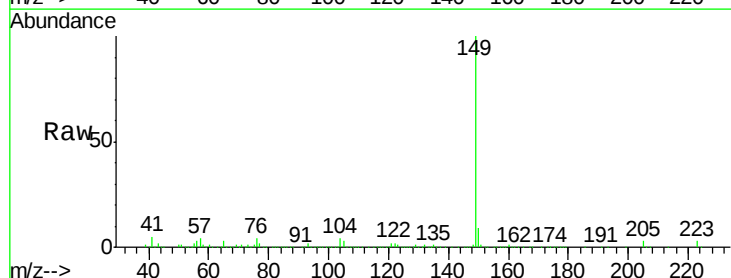
Tgt Ion:149 Resp: 416124

Ion Ratio Lower Upper

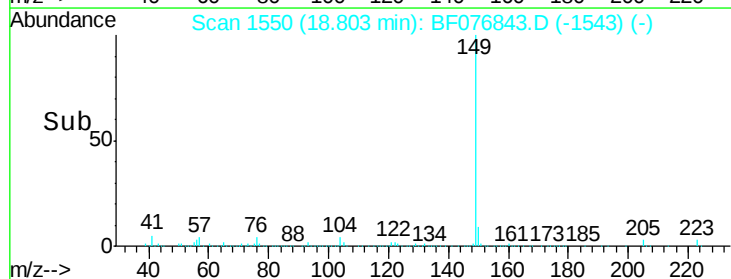
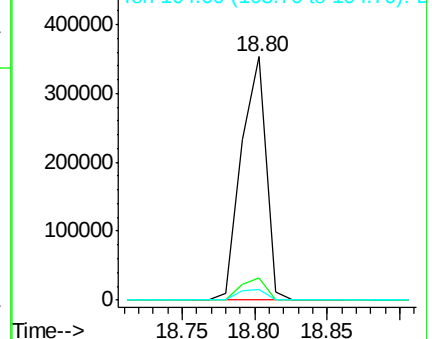
149 100

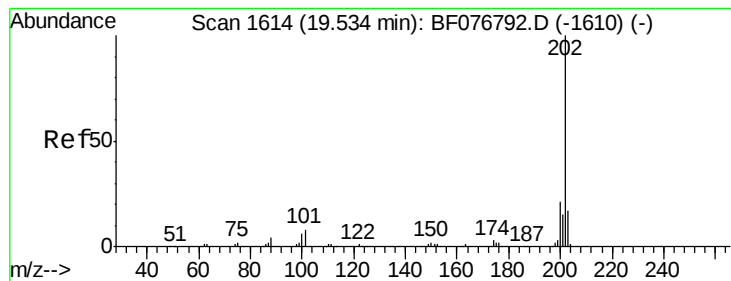
150 9.3 7.4 11.0

104 4.4 3.9 5.9



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





#74

Fluoranthene

Concen: 44.36 ng

RT: 19.50 min Scan# 1611

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

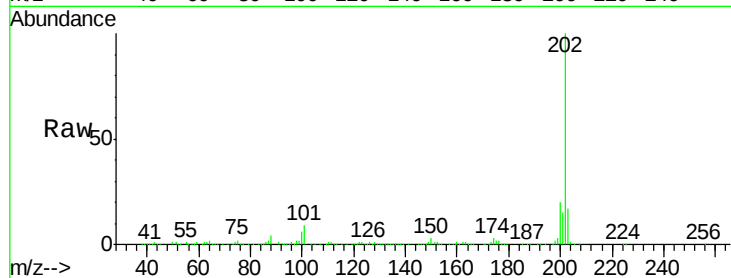
Tot Ion:202 Resp: 358215

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.0

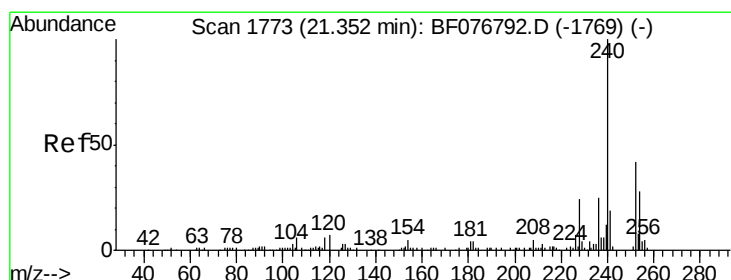
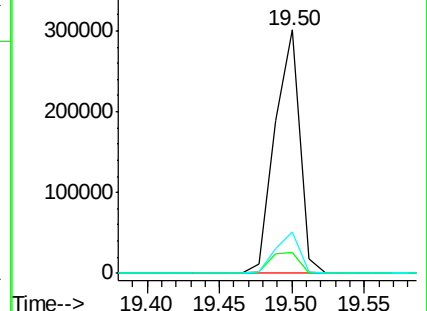
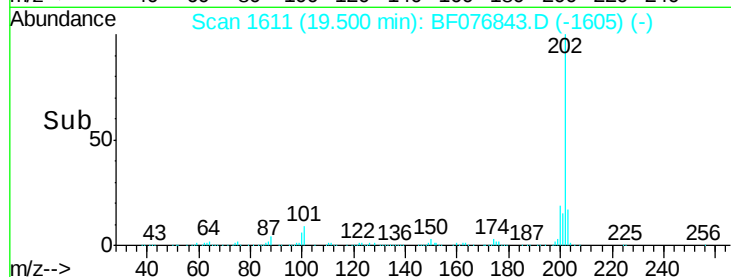
203 17.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

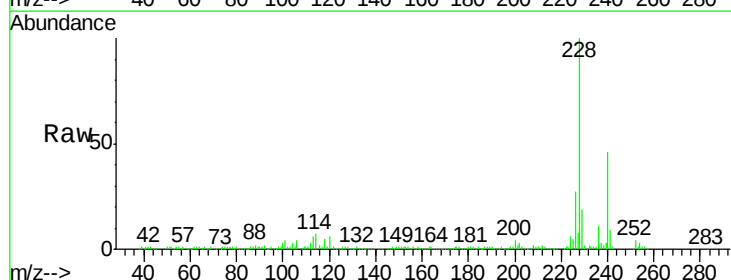
Tgt Ion:240 Resp: 120680

Ion Ratio Lower Upper

240 100

120 13.8 5.7 8.5#

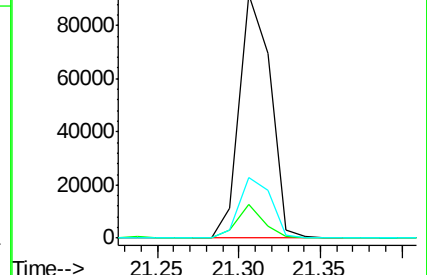
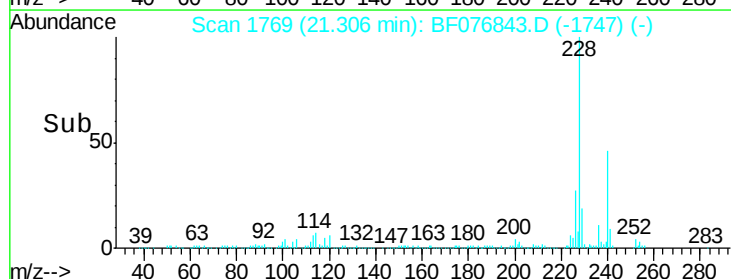
236 24.9 19.7 29.5

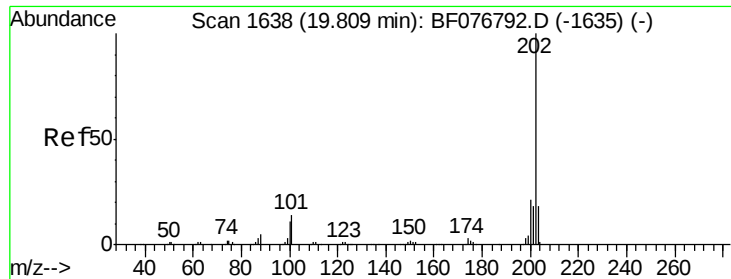


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 42.03 ng

RT: 19.77 min Scan# 1635

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

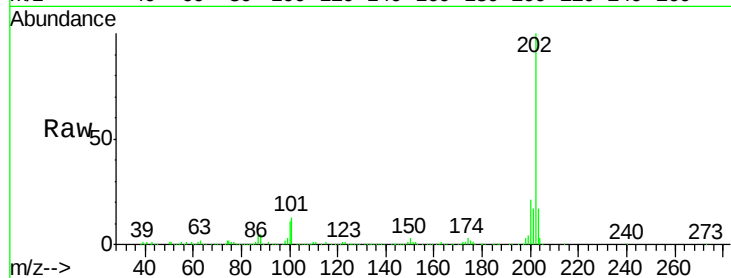
Tot Ion:202 Resp: 364963

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

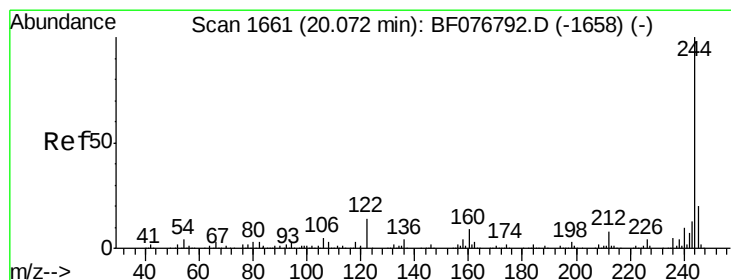
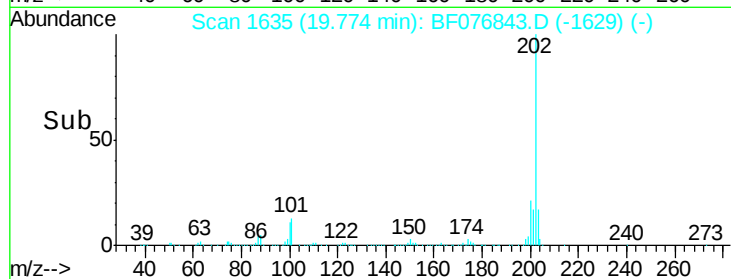
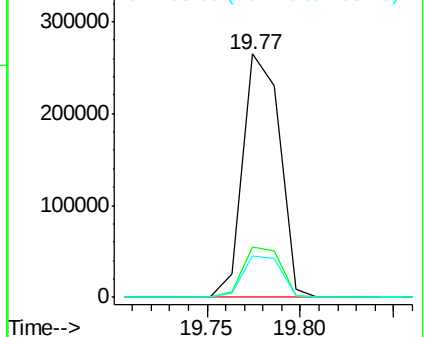
203 17.2 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.17 ng

RT: 20.04 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

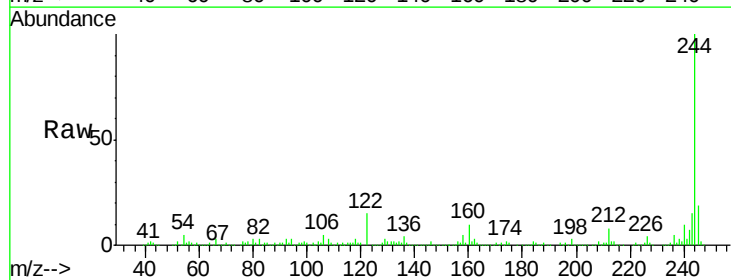
Tgt Ion:244 Resp: 424139

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

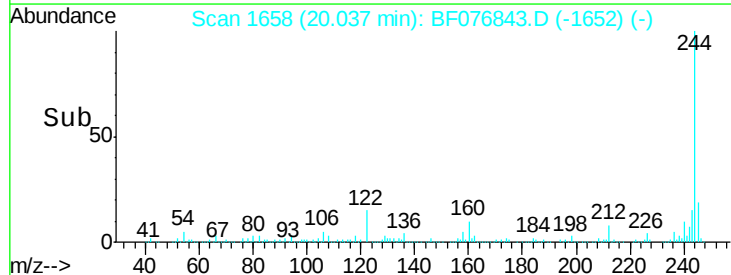
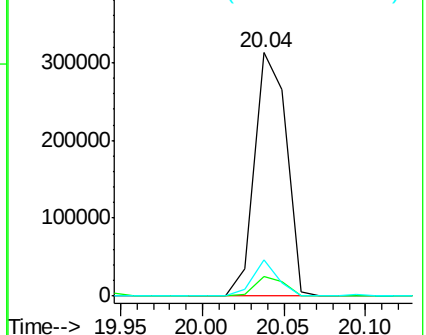
122 15.2 11.3 16.9

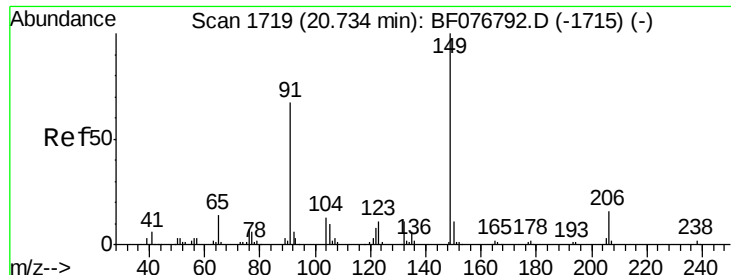


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

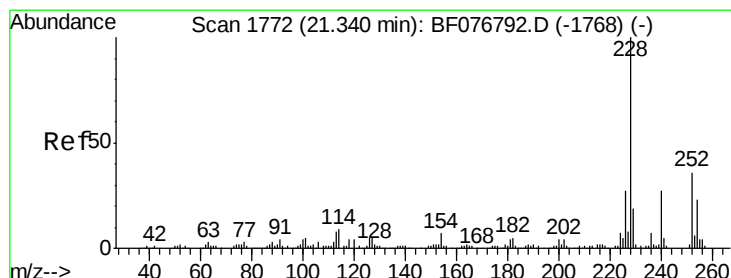
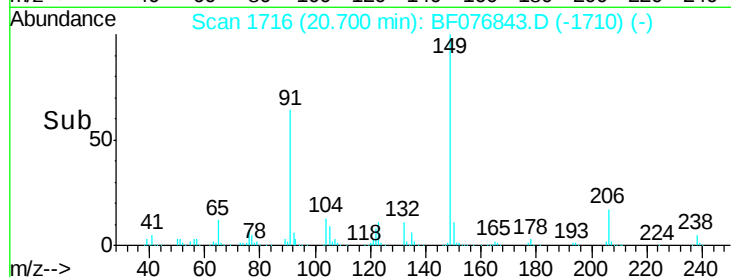
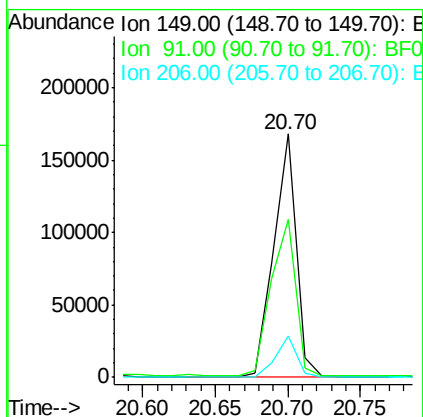
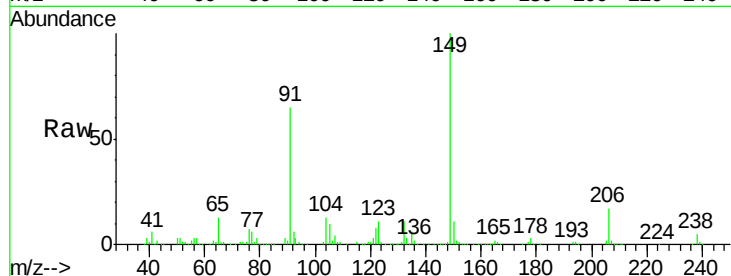




#79  
Butylbenzylphthalate  
Concen: 44.85 ng  
RT: 20.70 min Scan# 1716  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

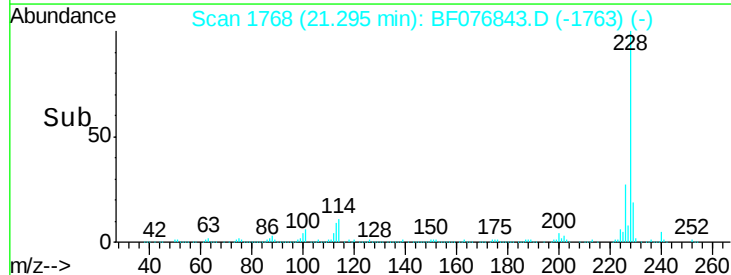
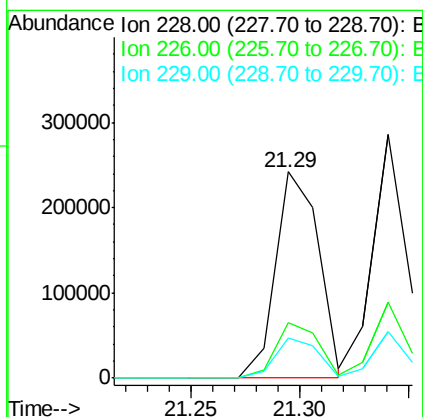
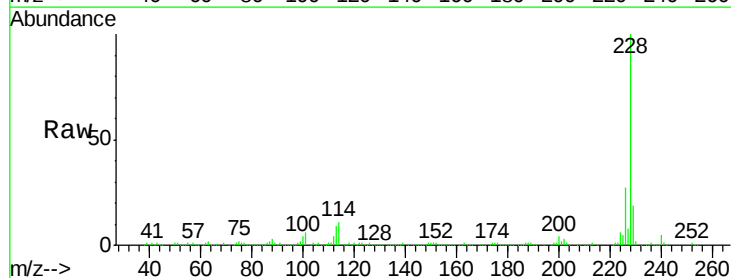
Instrument :  
BNA\_F  
ClientSampleId :

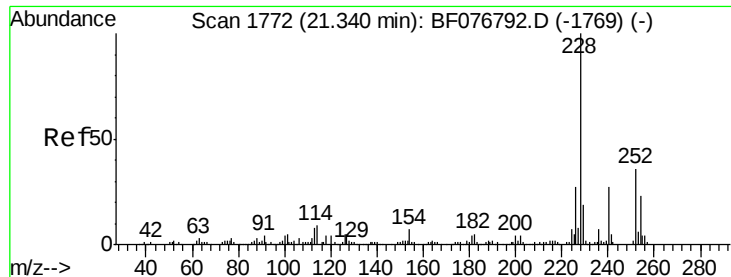
Tot Ion:149 Resp: 180756  
Ion Ratio Lower Upper  
149 100  
91 64.8 53.3 79.9  
206 16.9 12.6 18.8



#80  
Benzo(a)anthracene  
Concen: 43.68 ng  
RT: 21.29 min Scan# 1768  
Delta R.T. -0.05 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:228 Resp: 335779  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.4 32.0  
229 19.3 15.0 22.4

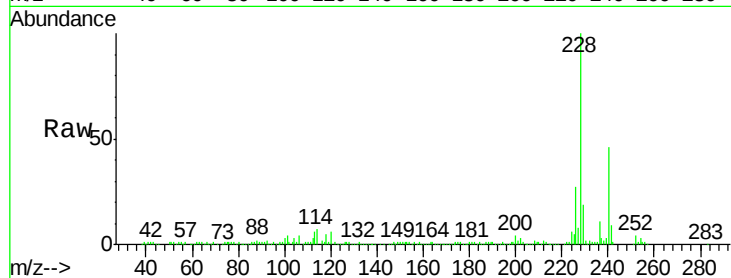




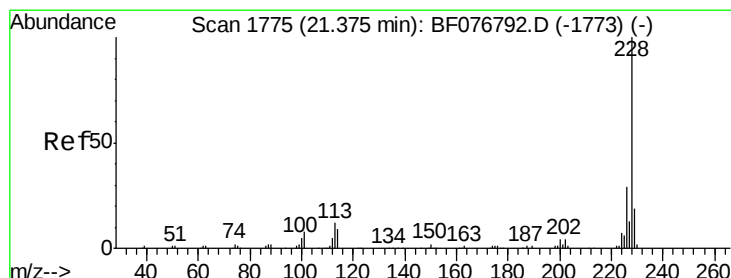
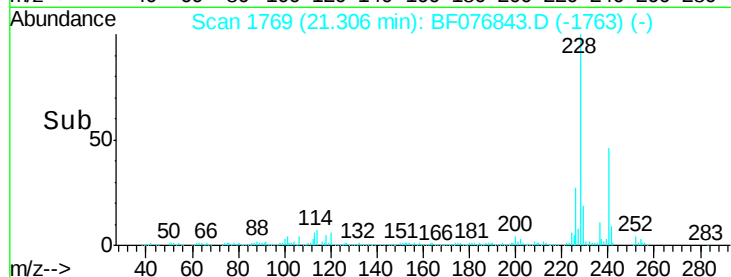
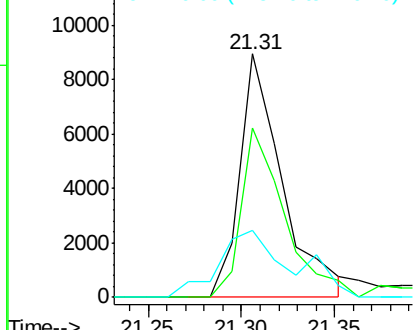
#81  
 3,3'-Dichlorobenzidine  
 Concen: 5.78 ng  
 RT: 21.31 min Scan# 1769  
 Delta R.T. -0.03 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 14182  
 Ion Ratio Lower Upper  
 252 100  
 254 69.4 51.5 77.3  
 126 27.3 11.4 17.0#

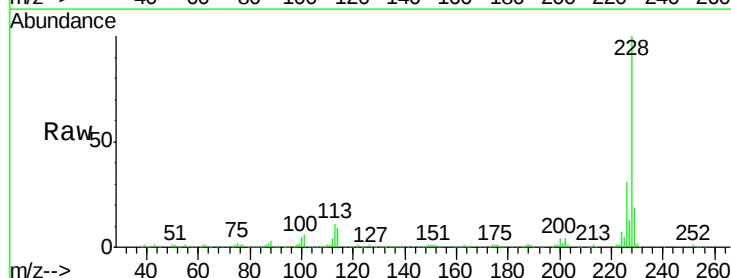


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

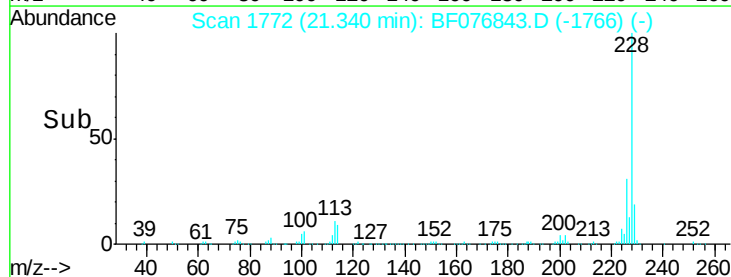
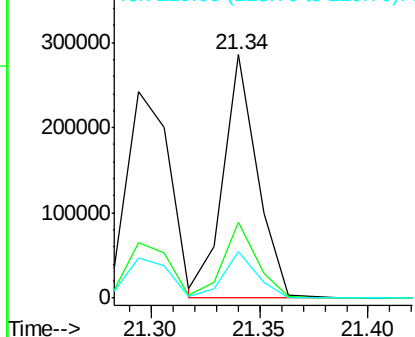


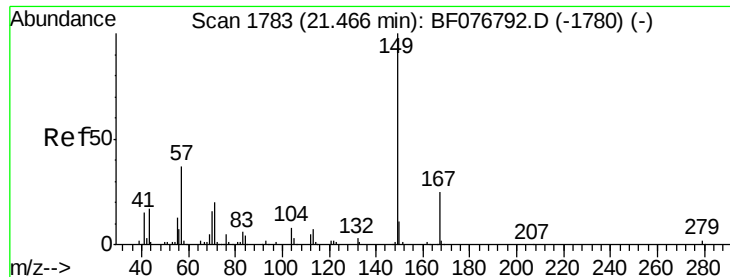
#82  
 Chrysene  
 Concen: 44.04 ng  
 RT: 21.34 min Scan# 1772  
 Delta R.T. -0.03 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

Tgt Ion:228 Resp: 306358  
 Ion Ratio Lower Upper  
 228 100  
 226 31.3 23.3 34.9  
 229 19.2 14.6 22.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.57 ng

RT: 21.43 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

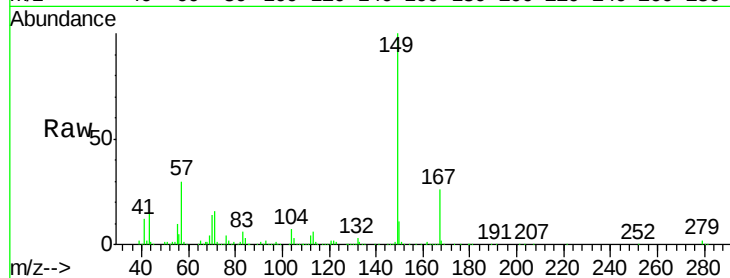
Tot Ion:149 Resp: 248883

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

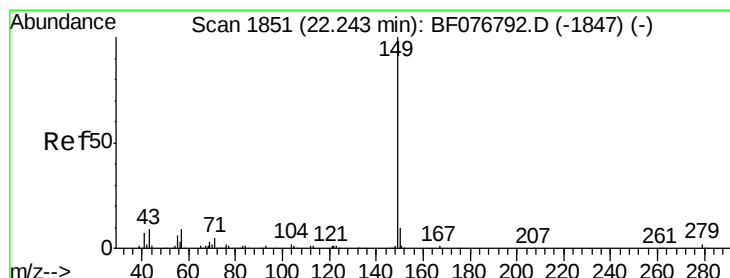
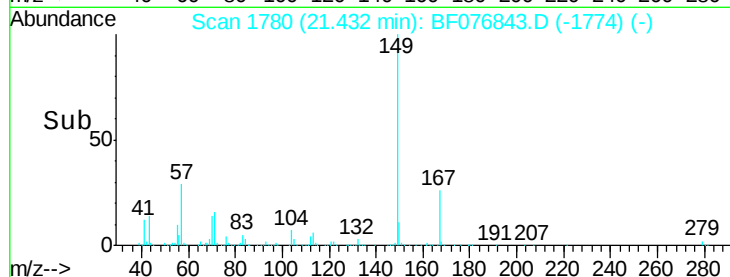
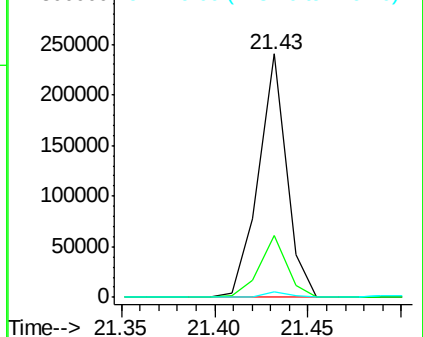
279 2.5 1.4 2.0#



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: 46.23 ng

RT: 22.21 min Scan# 1848

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

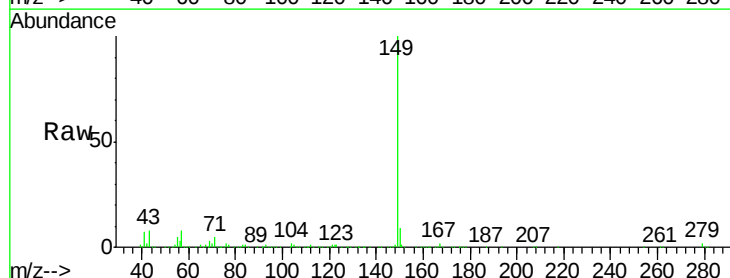
Tgt Ion:149 Resp: 435604

Ion Ratio Lower Upper

149 100

167 1.7 1.0 1.6#

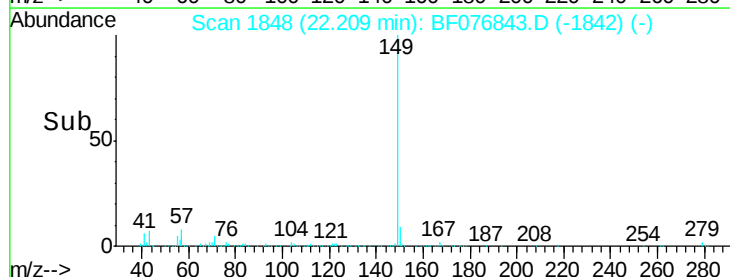
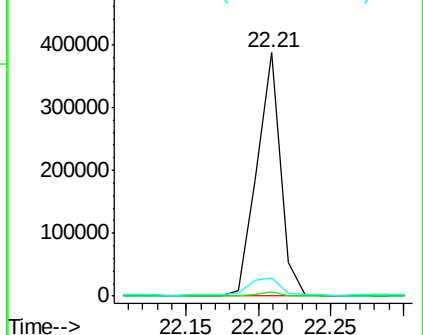
43 9.4 7.0 10.6

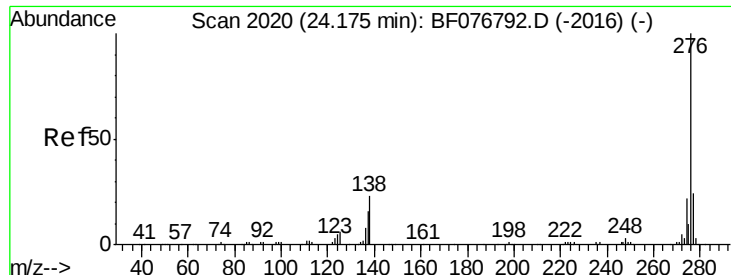


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

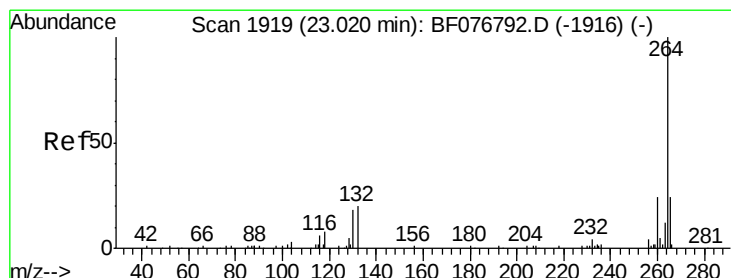
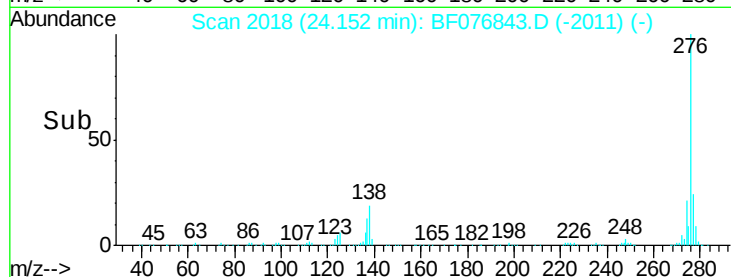
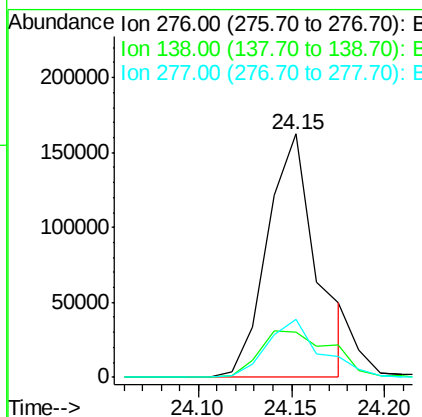
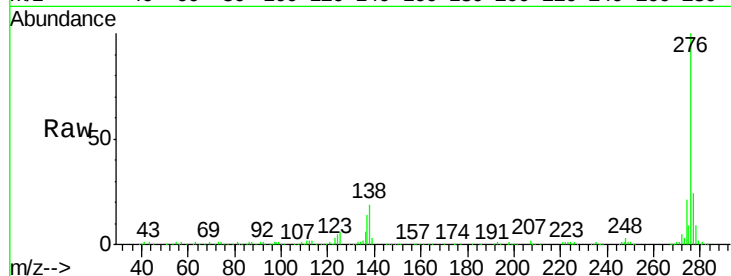




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.16 ng  
 RT: 24.15 min Scan# 2018  
 Delta R.T. -0.02 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

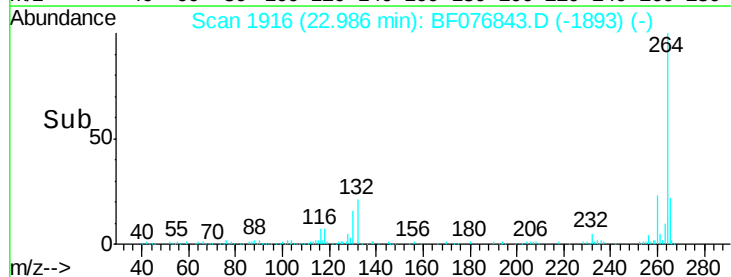
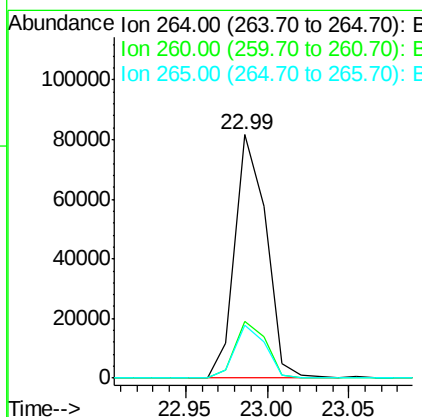
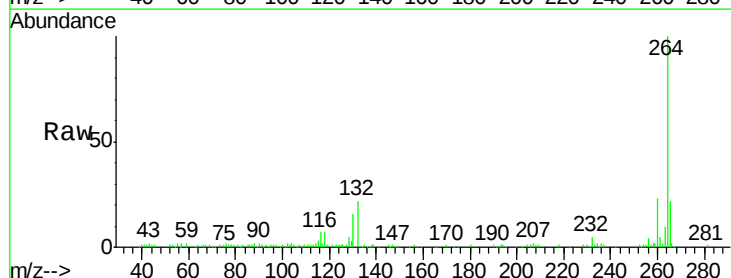
Instrument :  
 BNA\_F  
 ClientSampleId :

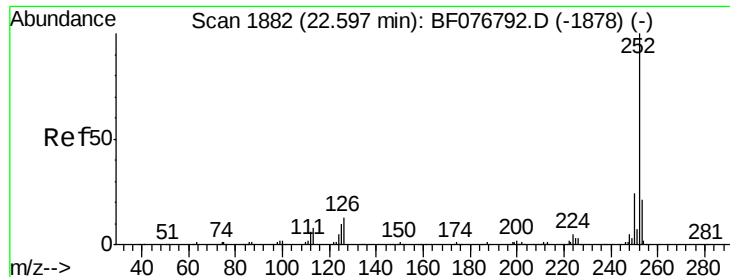
Tot Ion:276 Resp: 297106  
 Ion Ratio Lower Upper  
 276 100  
 138 21.9 0.0 0.0#  
 277 24.6 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 22.99 min Scan# 1916  
 Delta R.T. -0.03 min  
 Lab File: BF076843.D  
 Acq: 13 Jan 2015 14:34

Tgt Ion:264 Resp: 108170  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.4 29.0  
 265 21.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 47.52 ng

RT: 22.56 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

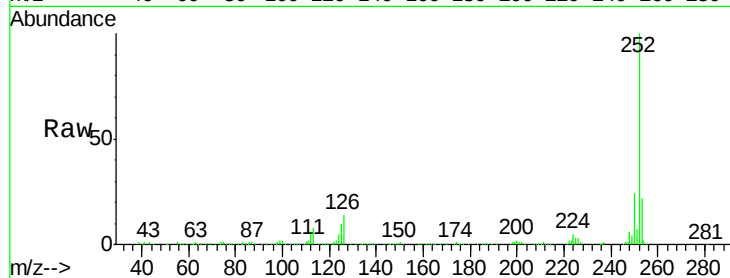
Tot Ion:252 Resp: 356033

Ion Ratio Lower Upper

252 100

253 22.1 16.6 25.0

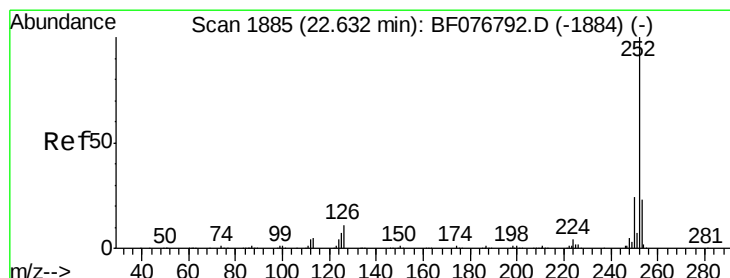
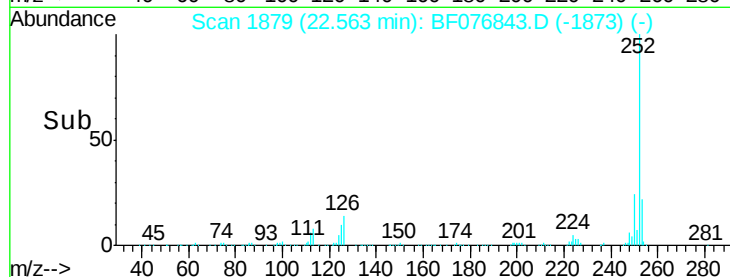
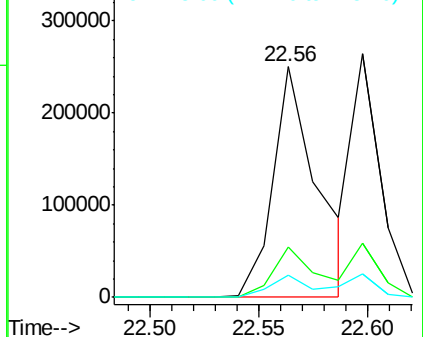
125 9.7 8.1 12.1



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



#88

Benzo(k)fluoranthene

Concen: 54.36 ng

RT: 22.56 min Scan# 1879

Delta R.T. -0.07 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

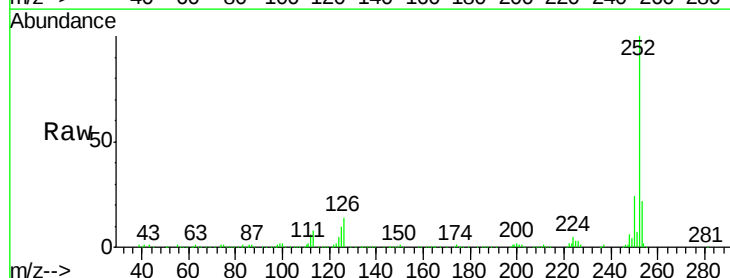
Tgt Ion:252 Resp: 356015

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

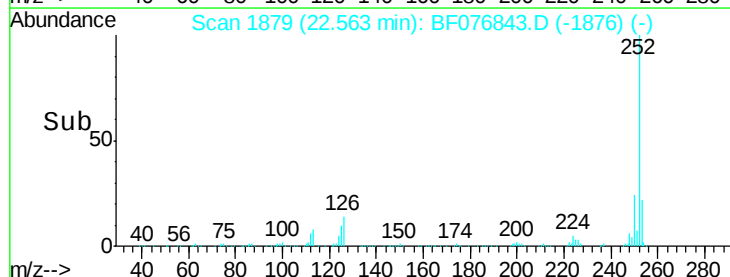
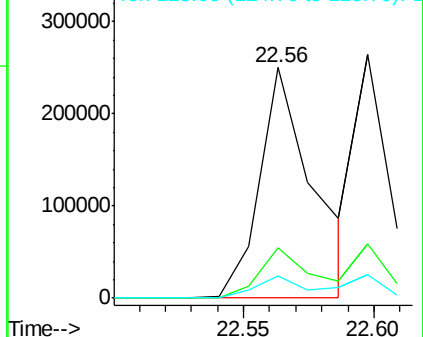
125 9.7 7.5 11.3

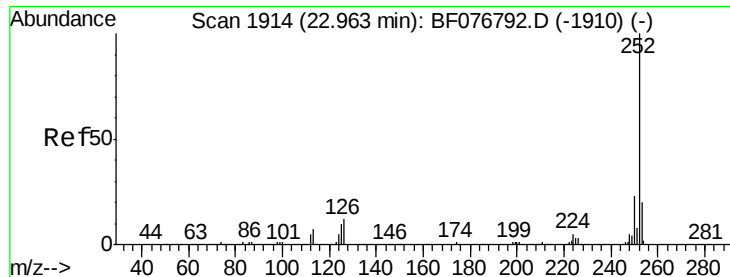


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

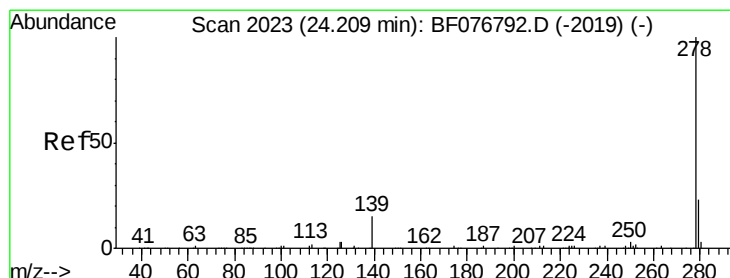
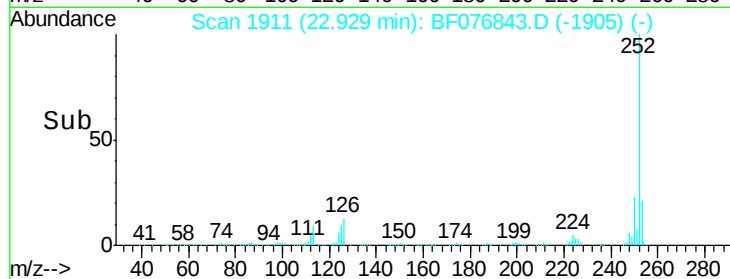
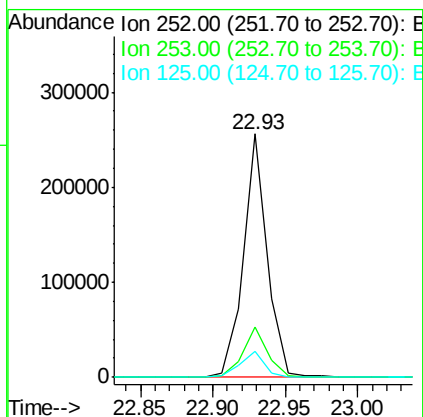
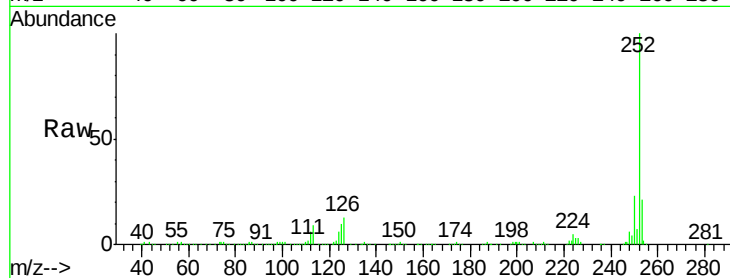




#89  
Benzo(a)pyrene  
Concen: 45.37 ng  
RT: 22.93 min Scan# 1911  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

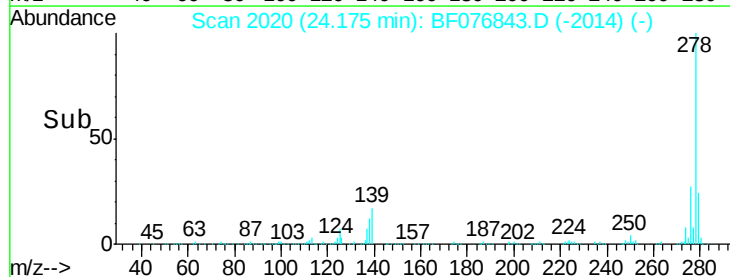
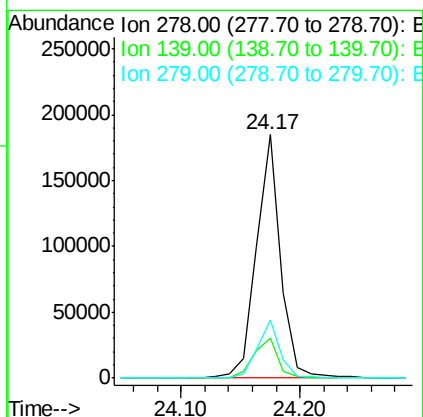
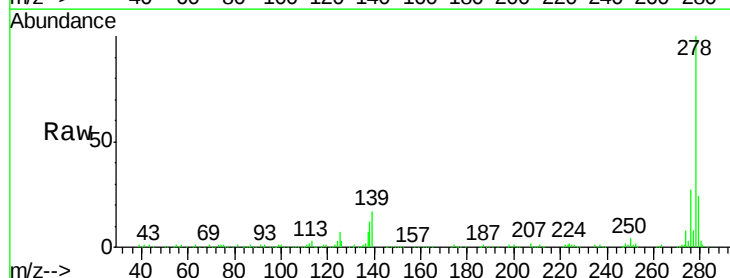
Instrument :  
BNA\_F  
ClientSampleId :

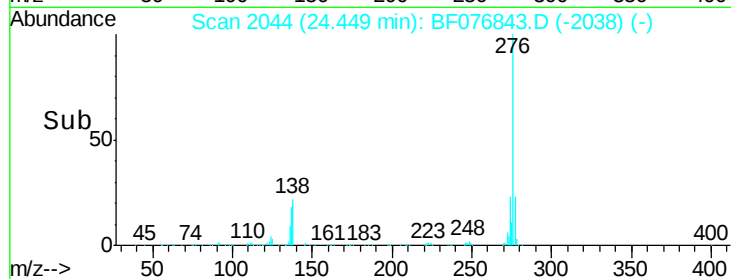
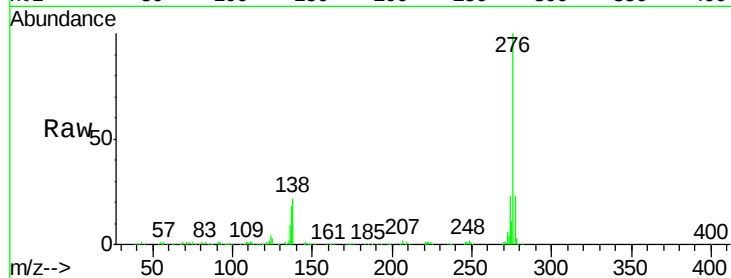
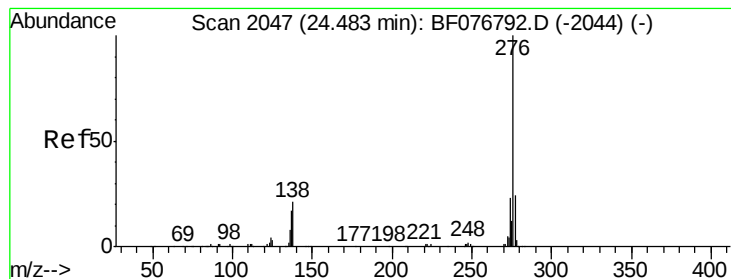
Tot Ion:252 Resp: 292124  
Ion Ratio Lower Upper  
252 100  
253 20.7 16.2 24.4  
125 10.5 7.8 11.6



#90  
Dibenzo(a,h)anthracene  
Concen: 44.74 ng  
RT: 24.17 min Scan# 2020  
Delta R.T. -0.03 min  
Lab File: BF076843.D  
Acq: 13 Jan 2015 14:34

Tgt Ion:278 Resp: 262467  
Ion Ratio Lower Upper  
278 100  
139 16.7 12.2 18.4  
279 24.1 17.9 26.9





#91

Benzo(a,h,i)perylene

Concen: 43.21 ng

RT: 24.45 min Scan# 2044

Delta R.T. -0.03 min

Lab File: BF076843.D

Acq: 13 Jan 2015 14:34

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 276 Resp: 258709

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.6

138 22.4 16.7 25.1

