

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052215\  
 Data File : BF079475.D  
 Acq On : 23 May 2015 14:08  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: May 25 07:04:16 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 25 06:56:43 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.05  | 152  | 67992    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.63  | 136  | 273434   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.80 | 164  | 132521   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.64 | 188  | 242232   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 15.92 | 240  | 250851   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 17.68 | 264  | 245273   | 20.00 | ng    | 0.07     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 0.00  | 112  | 0        | 0.00  | ng    |          |
| 7) Phenol-d6                | 0.00  | 99   | 0        | 0.00  | ng    |          |
| 23) Nitrobenzene-d5         | 7.75  | 82   | 325590   | 68.43 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.78 | 330  | 90052    | 62.81 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.98  | 172  | 770106   | 80.96 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.63 | 244  | 862273   | 82.30 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 6) Aniline                     | 6.64  | 93   | 326345   | 44.28 | ng    | 95     |
| 8) 2-Chlorophenol              | 6.79  | 128  | 186942   | 41.73 | ng    | 97     |
| 9) Benzaldehyde                | 6.50  | 77   | 124211   | 35.31 | ng    | 93     |
| 10) Phenol                     | 6.66  | 94   | 227838   | 37.62 | ng    | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.74  | 93   | 172721   | 38.90 | ng    | 85     |
| 12) 1,3-Dichlorobenzene        | 6.97  | 146  | 211775   | 42.06 | ng    | # 92   |
| 13) 1,4-Dichlorobenzene        | 7.07  | 146  | 219151   | 42.29 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 7.26  | 146  | 201590   | 41.79 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.24  | 79   | 143898   | 37.13 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.43  | 45   | 246019   | 36.22 | ng    | 87     |
| 17) 2-Methylphenol             | 7.42  | 107  | 144909   | 40.20 | ng    | # 92   |
| 18) Hexachloroethane           | 7.67  | 117  | 47130    | 26.40 | ng    | # 89   |
| 19) n-Nitroso-di-n-propylamine | 7.58  | 70   | 140851   | 39.94 | ng    | 98     |
| 20) 3+4-Methylphenols          | 7.61  | 107  | 198478   | 41.32 | ng    | # 43   |
| 22) Acetophenone               | 7.56  | 105  | 258687   | 41.88 | ng    | # 90   |
| 24) Nitrobenzene               | 7.77  | 77   | 159303   | 33.78 | ng    | 96     |
| 25) Isophorone                 | 8.08  | 82   | 367541   | 41.67 | ng    | 100    |
| 26) 2-Nitrophenol              | 8.17  | 139  | 20605    | 10.56 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 8.25  | 122  | 172052   | 44.05 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.36  | 93   | 219467   | 40.36 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.48  | 162  | 155985   | 44.91 | ng    | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.57  | 180  | 161001   | 42.20 | ng    | 96     |
| 31) Naphthalene                | 8.65  | 128  | 547230   | 42.00 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.74  | 127  | 240324   | 43.59 | ng    | # 93   |
| 34) Hexachlorobutadiene        | 8.81  | 225  | 92942    | 42.30 | ng    | 97     |
| 35) Caprolactam                | 9.19  | 113  | 50013    | 44.53 | ng    | 89     |
| 36) 4-Chloro-3-methylphenol    | 9.37  | 107  | 166663   | 45.68 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 9.52  | 142  | 375364   | 41.58 | ng    | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.72  | 216  | 155618   | 41.70 | ng    | 98     |
| 42) 2,4,6-Trichlorophenol      | 9.88  | 196  | 103376   | 40.29 | ng    | 99     |
| 43) 2,4,5-Trichlorophenol      | 9.93  | 196  | 107464   | 41.43 | ng    | # 88   |
| 45) 1,1'-Biphenyl              | 10.10 | 154  | 431616   | 40.97 | ng    | 99     |
| 46) 2-Chloronaphthalene        | 10.11 | 162  | 339207   | 41.28 | ng    | 97     |
| 47) 2-Nitroaniline             | 10.26 | 65   | 60241    | 25.30 | ng    | # 56   |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052215\  
 Data File : BF079475.D  
 Acq On : 23 May 2015 14:08  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

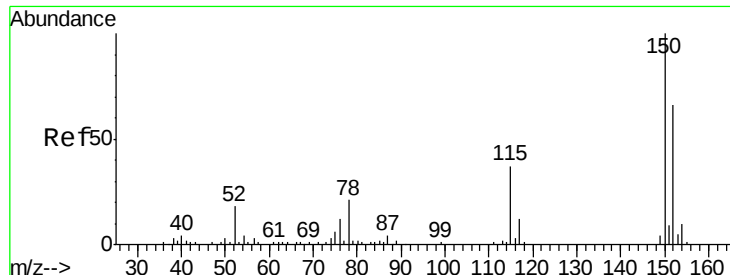
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: May 25 07:04:16 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 25 06:56:43 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 48) Acenaphthylene             | 10.63 | 152  | 564422   | 41.83  | ng    | 99       |
| 49) Dimethylphthalate          | 10.49 | 163  | 411035   | 42.26  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.57 | 165  | 31070    | 16.19  | ng    | 95       |
| 51) Acenaphthene               | 10.83 | 154  | 318789   | 39.62  | ng    | 99       |
| 52) 3-Nitroaniline             | 10.77 | 138  | 70315    | 29.33  | ng    | 93       |
| 54) Dibenzofuran               | 11.05 | 168  | 468942   | 40.35  | ng    | 96       |
| 55) 4-Nitrophenol              | 11.05 | 139  | 199016   | 104.87 | ng #  | 2        |
| 56) 2,4-Dinitrotoluene         | 11.06 | 165  | 32829    | 12.94  | ng #  | 61       |
| 57) Fluorene                   | 11.47 | 166  | 385699   | 40.43  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.22 | 232  | 82974    | 39.14  | ng    | 98       |
| 59) Diethylphthalate           | 11.36 | 149  | 385607   | 40.02  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.49 | 204  | 167091   | 39.48  | ng    | 91       |
| 61) 4-Nitroaniline             | 11.52 | 138  | 61224    | 25.52  | ng    | 95       |
| 62) Azobenzene                 | 11.68 | 77   | 366745   | 38.63  | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 11.65 | 169  | 340583   | 42.22  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 108818   | 43.10  | ng    | 96       |
| 67) Hexachlorobenzene          | 12.15 | 284  | 121387   | 42.06  | ng    | 91       |
| 68) Atrazine                   | 12.32 | 200  | 95524    | 40.72  | ng    | 98       |
| 69) Pentachlorophenol          | 12.41 | 266  | 37309    | 27.05  | ng    | 99       |
| 70) Phenanthrene               | 12.66 | 178  | 550227   | 40.60  | ng    | 99       |
| 71) Anthracene                 | 12.73 | 178  | 585870   | 44.07  | ng    | 99       |
| 72) Carbazole                  | 12.95 | 167  | 550759   | 43.47  | ng    | 98       |
| 73) Di-n-butylphthalate        | 13.39 | 149  | 657308   | 43.25  | ng    | 98       |
| 74) Fluoranthene               | 14.14 | 202  | 610872   | 43.26  | ng    | 98       |
| 76) Benzidine                  | 14.33 | 184  | 231402   | 34.23  | ng    | 96       |
| 77) Pyrene                     | 14.41 | 202  | 629575   | 43.55  | ng    | 100      |
| 79) Butylbenzylphthalate       | 15.25 | 149  | 296201   | 46.88  | ng    | 88       |
| 80) Benzo(a)anthracene         | 15.91 | 228  | 578299   | 42.10  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.90 | 252  | 212132   | 43.35  | ng    | 100      |
| 82) Chrysene                   | 15.95 | 228  | 550124   | 41.64  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 15.98 | 149  | 422685   | 44.16  | ng    | 99       |
| 84) Di-n-octyl phthalate       | 16.78 | 149  | 727084   | 43.14  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.03 | 276  | 672492   | 39.95  | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 17.26 | 252  | 527669   | 39.30  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 17.26 | 252  | 529561   | 40.75  | ng #  | 96       |
| 89) Benzo(a)pyrene             | 17.61 | 252  | 527698   | 42.69  | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 19.05 | 278  | 554969   | 42.24  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 19.43 | 276  | 537238   | 40.80  | ng    | 97       |

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

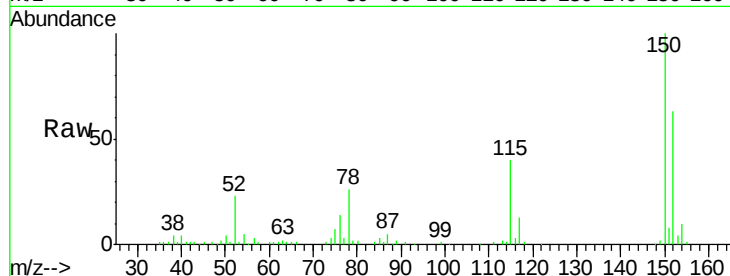




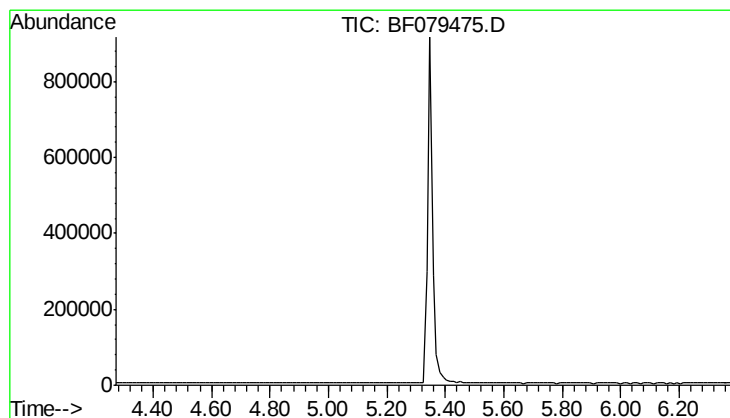
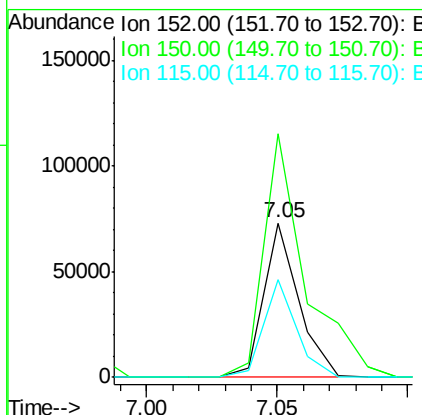
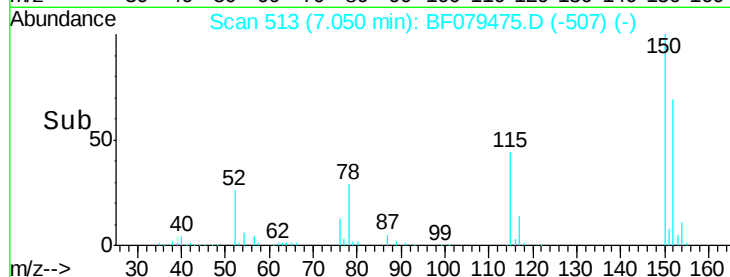
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.05 min Scan# 513  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.0 | 123.8 | 185.8 |
| 115     | 63.3  | 49.4  | 74.0  |

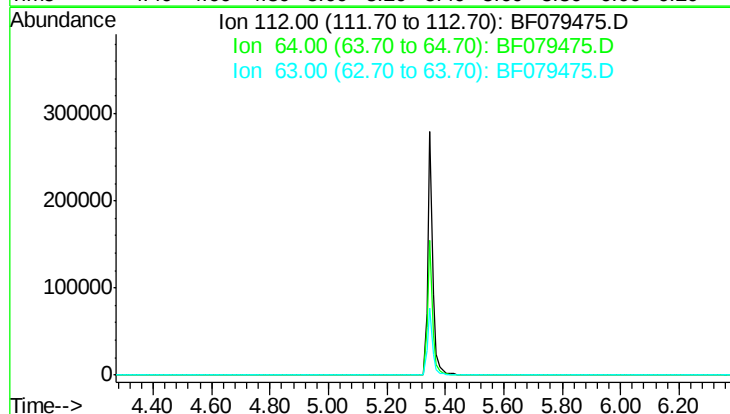


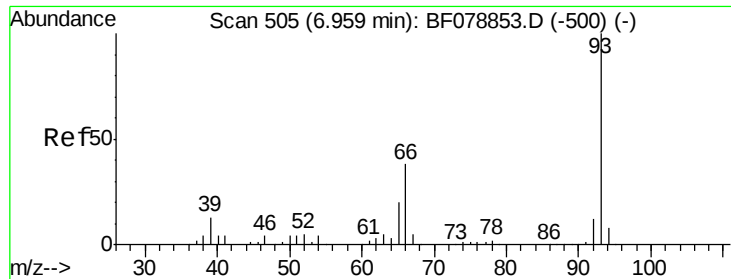
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



#5  
 2-Fluorophenol  
 Concen: 0.00 ng  
 Expected RT: 5.32 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

| Tgt Ion | Sig  | Exp Ratio |
|---------|------|-----------|
| 112     | 100  |           |
| 64      | 55.2 |           |
| 63      | 28.4 |           |





#6

Aniline

Concen: 44.28 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

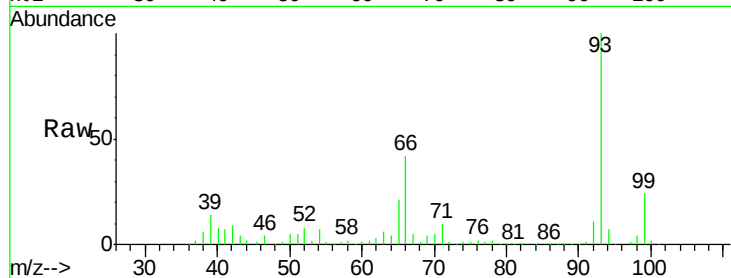
Tgt Ion: 93 Resp: 326345

Ion Ratio Lower Upper

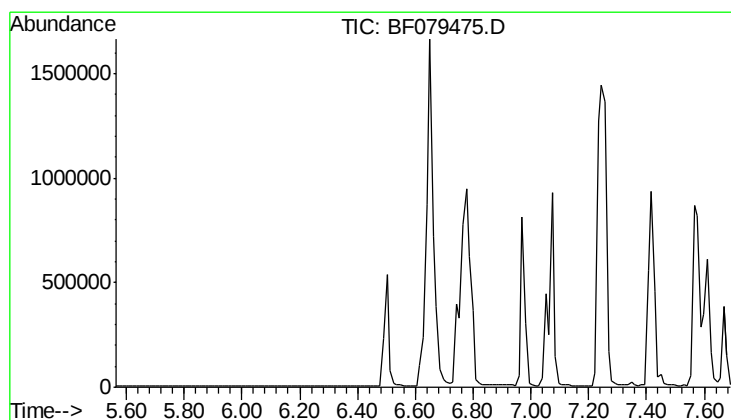
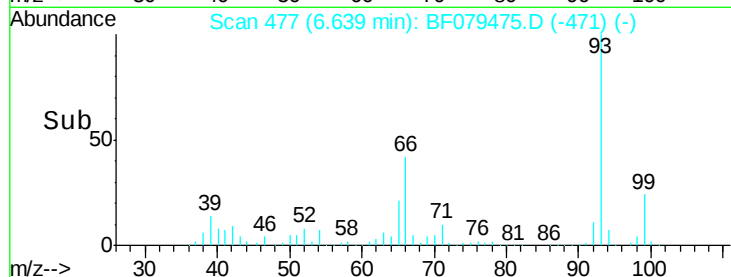
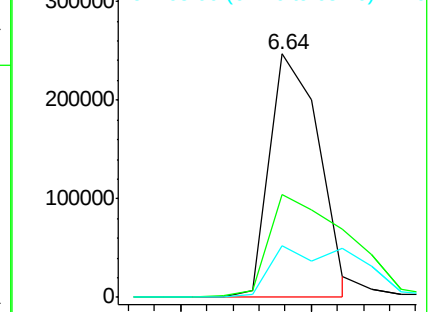
93 100

66 42.1 30.7 46.1

65 21.0 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.63 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

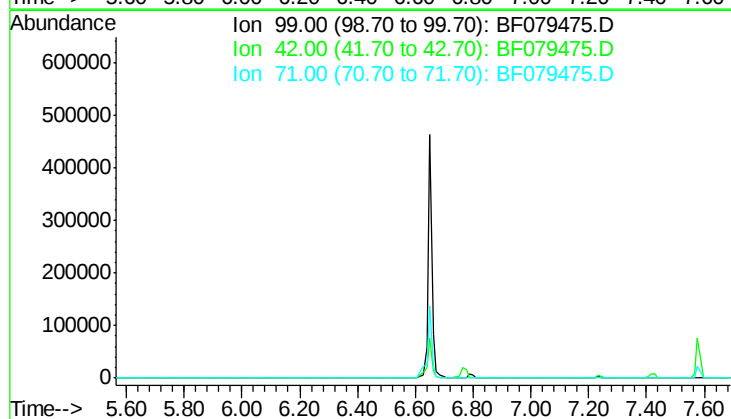
Tgt Ion: 99

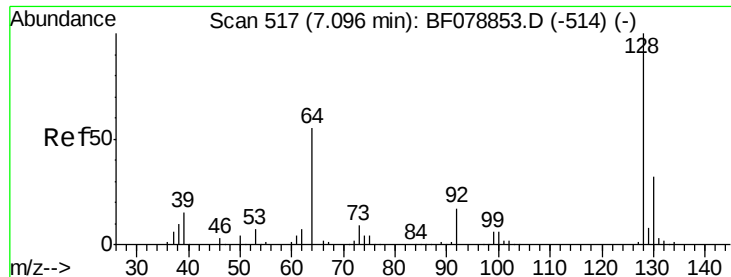
Sig Exp Ratio

99 100

42 21.4

71 32.9





#8

2-Chlorophenol

Concen: 41.73 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

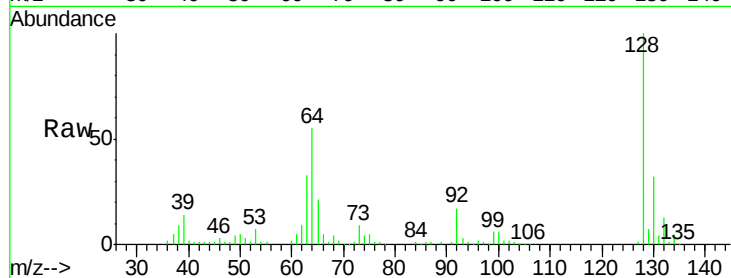
Tgt Ion:128 Resp: 186942

Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

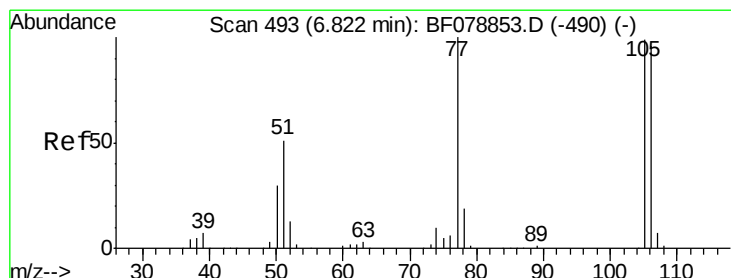
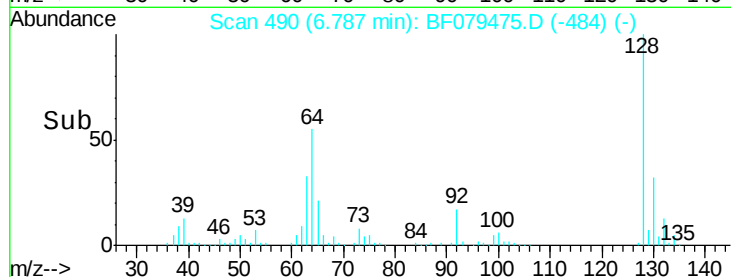
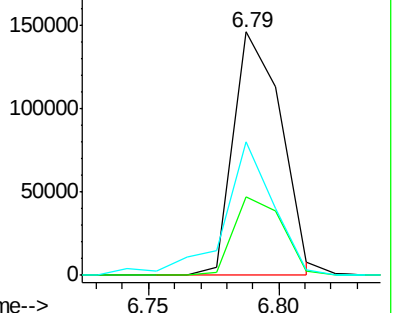
64 54.6 37.8 77.8



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: 35.31 ng

RT: 6.50 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

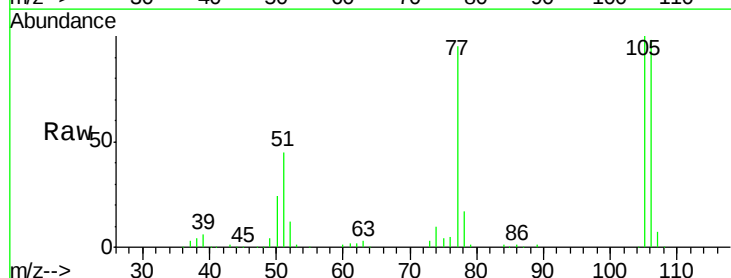
Tgt Ion: 77 Resp: 124211

Ion Ratio Lower Upper

77 100

105 105.4 78.9 118.9

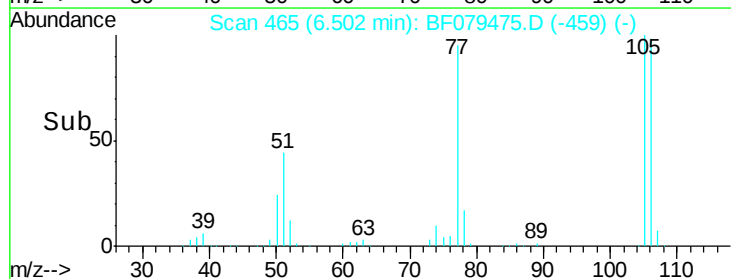
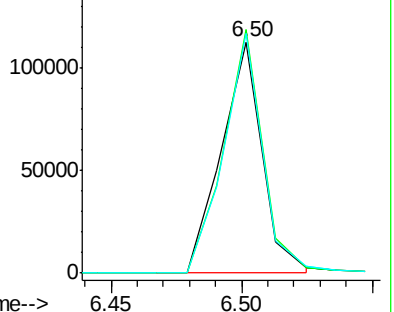
106 103.6 75.8 115.8

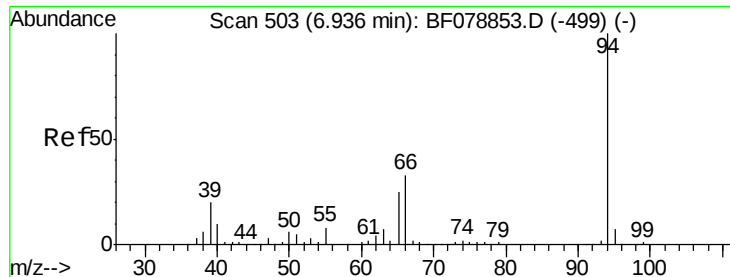


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 37.62 ng

RT: 6.66 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

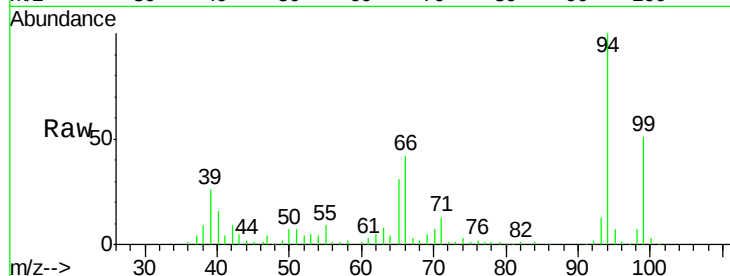
Tgt Ion: 94 Resp: 227838

Ion Ratio Lower Upper

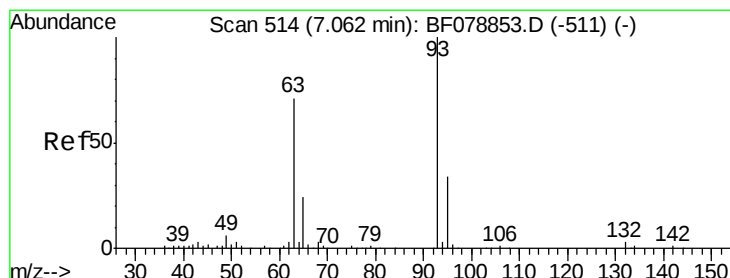
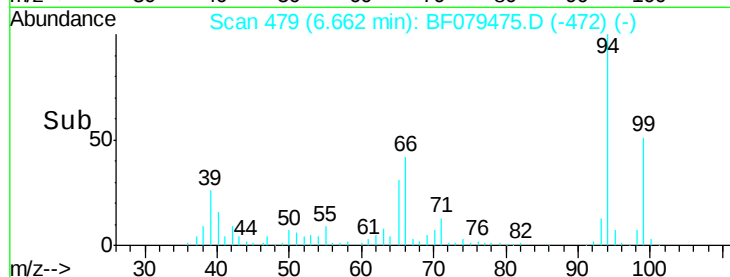
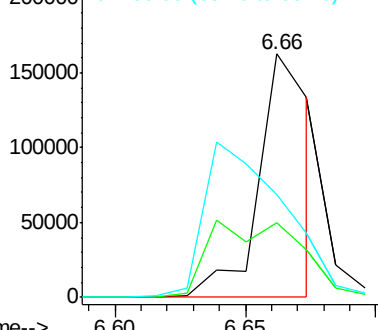
94 100

65 30.6 5.1 45.1

66 42.4 13.1 53.1



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 38.90 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

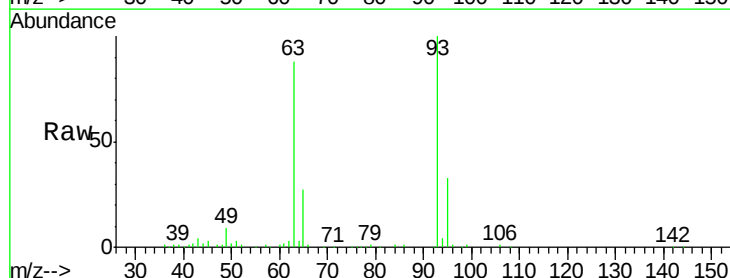
Tgt Ion: 93 Resp: 172721

Ion Ratio Lower Upper

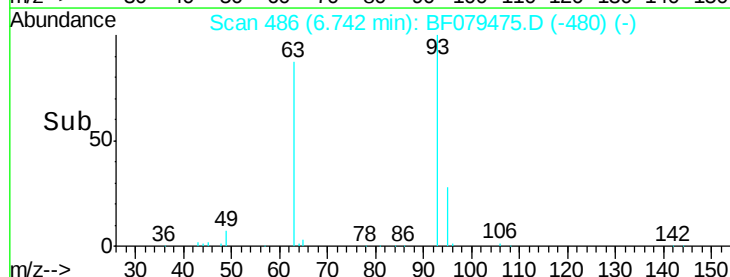
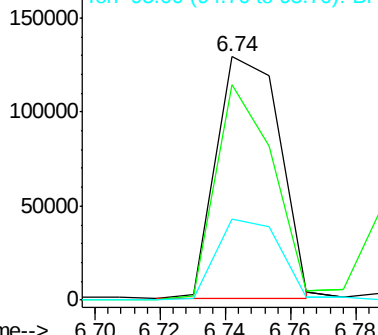
93 100

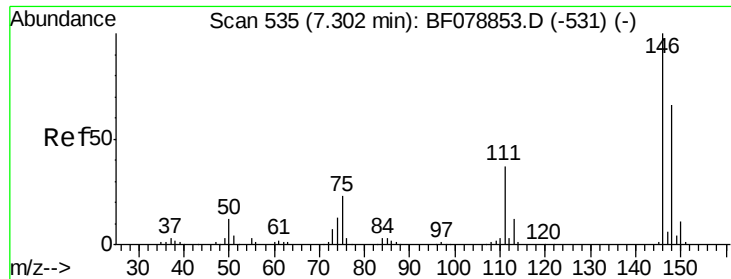
63 88.2 50.8 90.8

95 33.4 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0

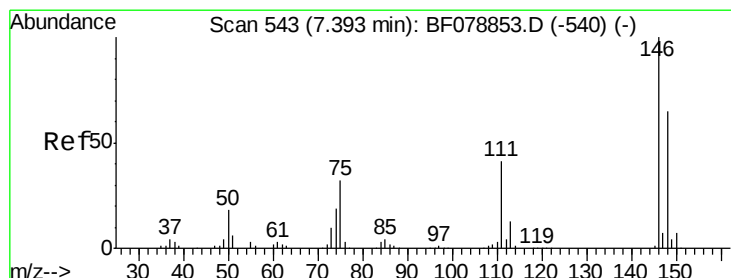
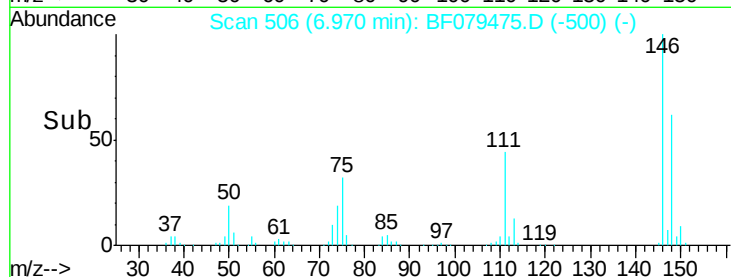
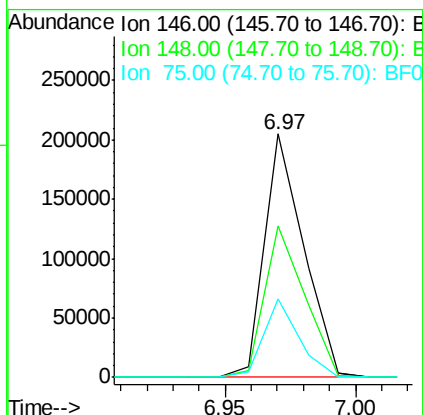
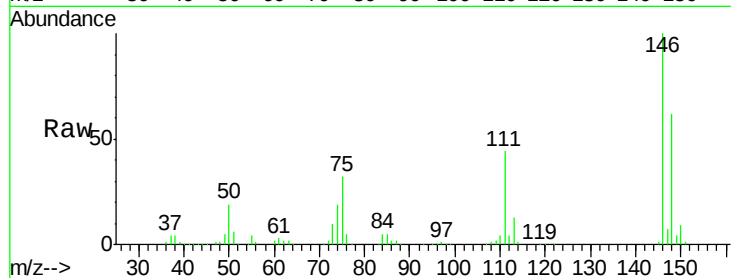




#12  
 1,3-Dichlorobenzene  
 Concen: 42.06 ng  
 RT: 6.97 min Scan# 506  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

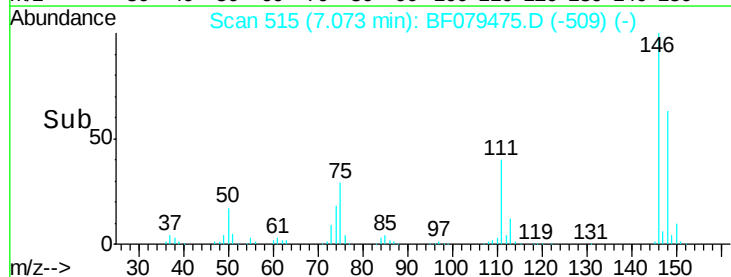
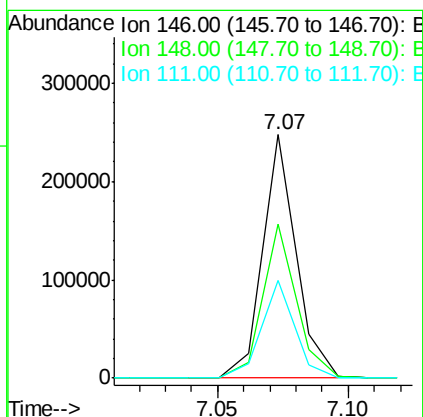
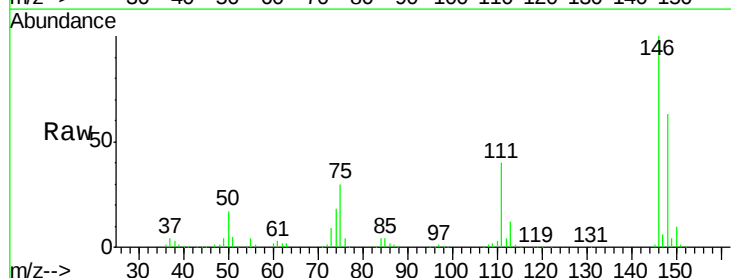
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

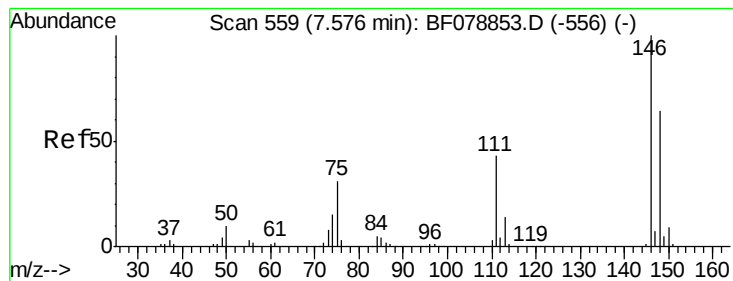
Tgt Ion:146 Resp: 211775  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 52.4 78.6  
 75 32.5 18.6 27.8#



#13  
 1,4-Dichlorobenzene  
 Concen: 42.29 ng  
 RT: 7.07 min Scan# 515  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Tgt Ion:146 Resp: 219151  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 51.7 77.5  
 111 40.0 32.8 49.2

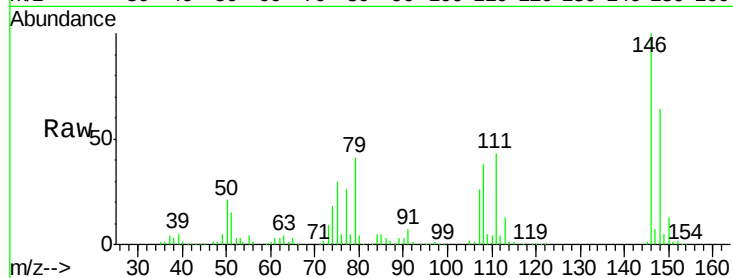




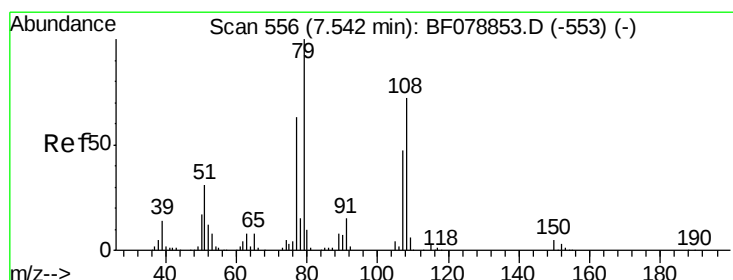
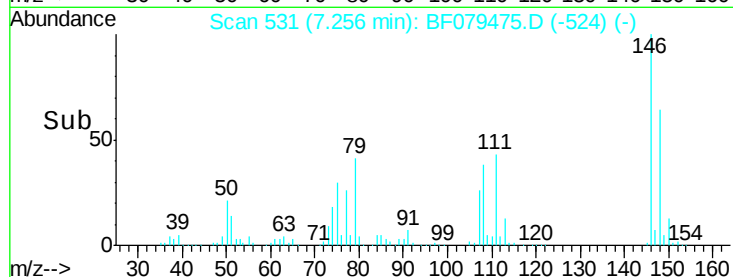
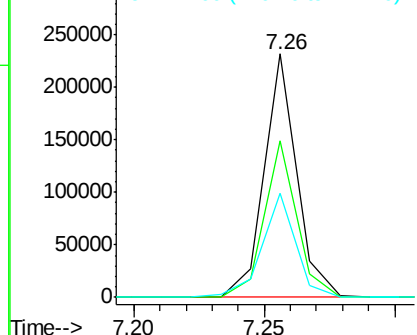
#14  
 1,2-Dichlorobenzene  
 Concen: 41.79 ng  
 RT: 7.26 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:146 Resp: 201590  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 51.1 76.7  
 111 42.8 34.6 52.0

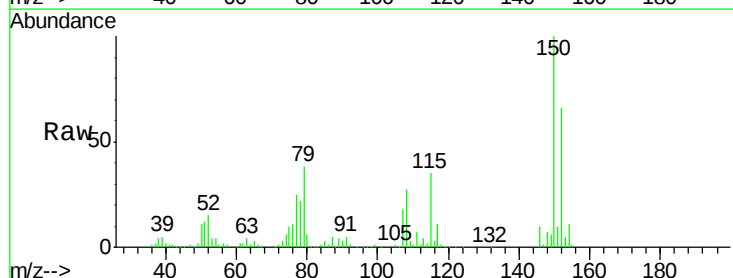


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

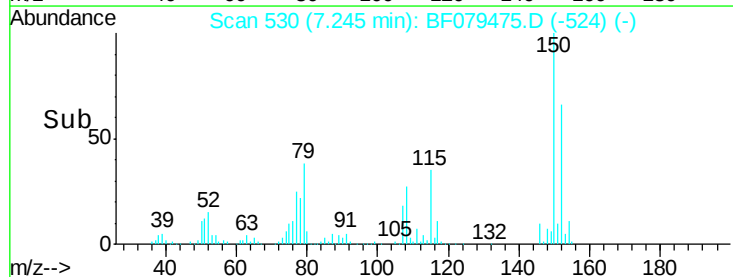
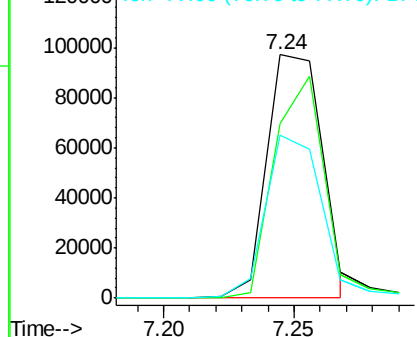


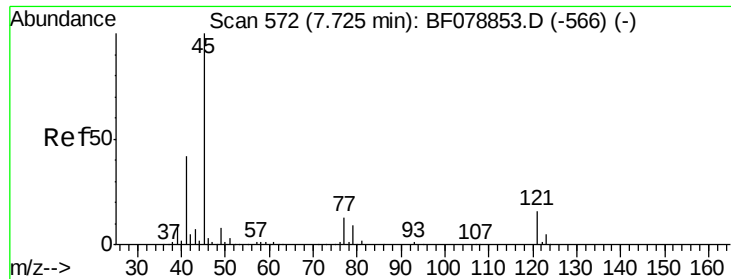
#15  
 Benzyl Alcohol  
 Concen: 37.13 ng  
 RT: 7.24 min Scan# 530  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Tgt Ion: 79 Resp: 143898  
 Ion Ratio Lower Upper  
 79 100  
 108 71.8 57.4 86.2  
 77 66.7 50.2 75.4



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

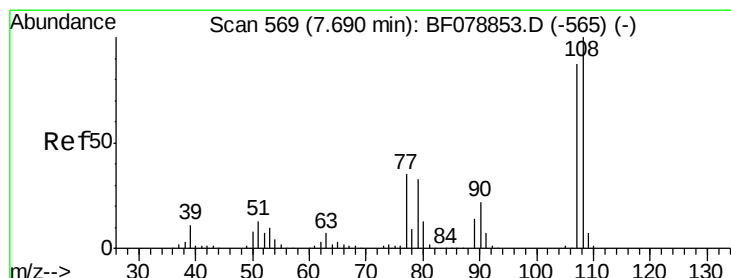
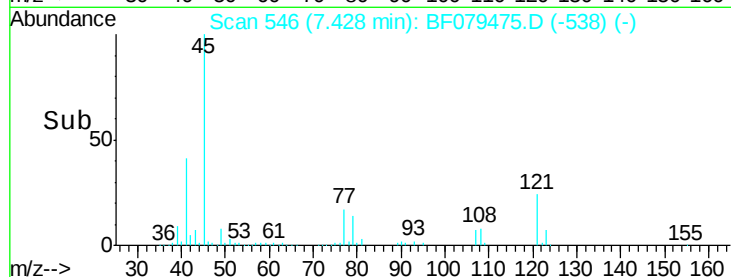
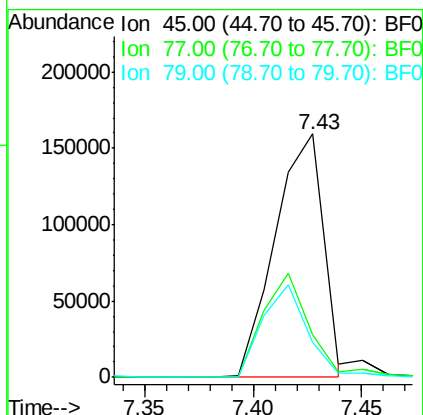
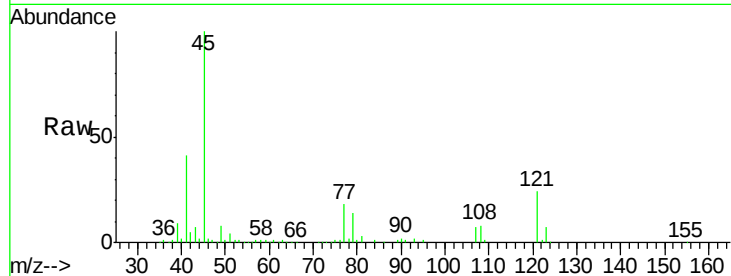




#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 36.22 ng  
 RT: 7.43 min Scan# 546  
 Delta R.T. 0.01 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

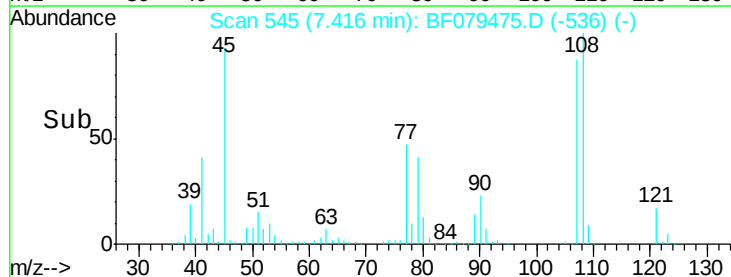
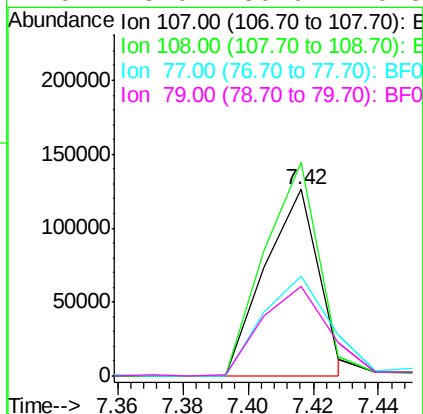
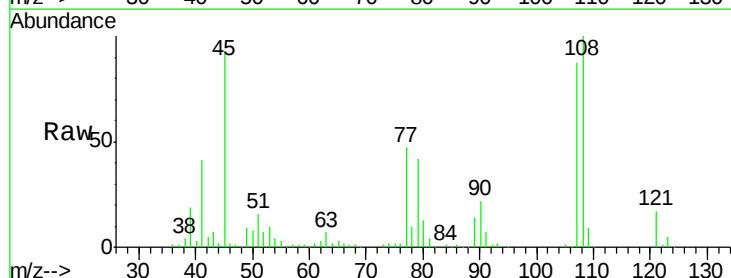
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

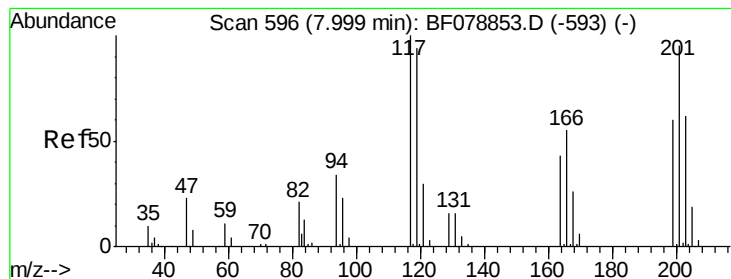
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 246019 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 17.6  | 0.0   | 32.6   |
| 79       | 14.3  | 0.0   | 29.3   |



#17  
 2-Methylphenol  
 Concen: 40.20 ng  
 RT: 7.42 min Scan# 545  
 Delta R.T. 0.02 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 144909 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.5 | 92.4  | 138.6  |
| 77       | 53.8  | 32.6  | 49.0#  |
| 79       | 48.0  | 30.9  | 46.3#  |





#18

Hexachloroethane

Concen: 26.40 ng

RT: 7.67 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

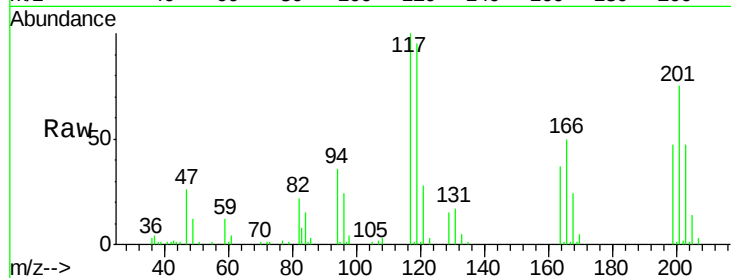
Tgt Ion: 117 Resp: 47130

Ion Ratio Lower Upper

117 100

119 94.6 75.2 112.8

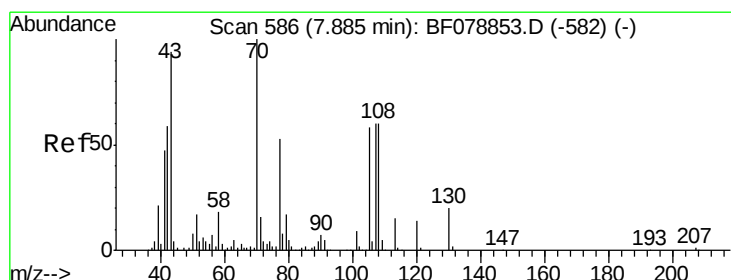
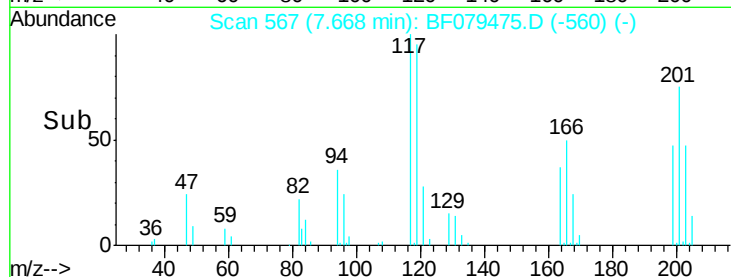
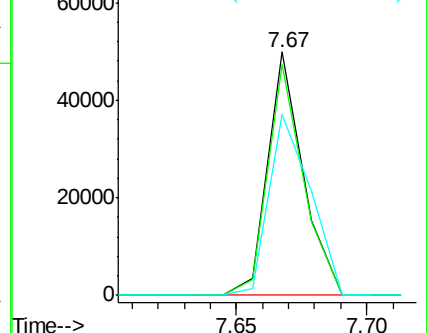
201 74.5 75.8 113.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 39.94 ng

RT: 7.58 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Tgt Ion: 70 Resp: 140851

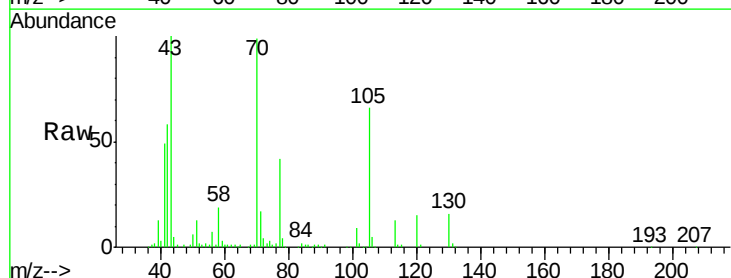
Ion Ratio Lower Upper

70 100

42 58.8 47.3 70.9

101 9.0 7.5 11.3

130 16.3 15.8 23.6

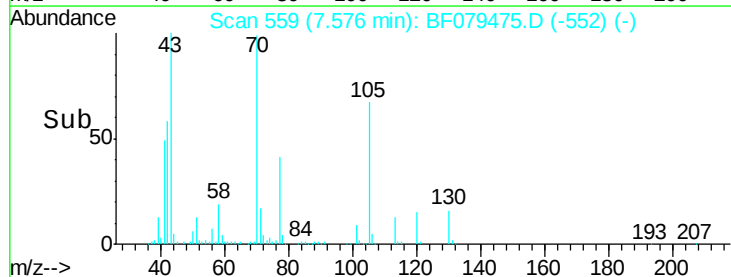
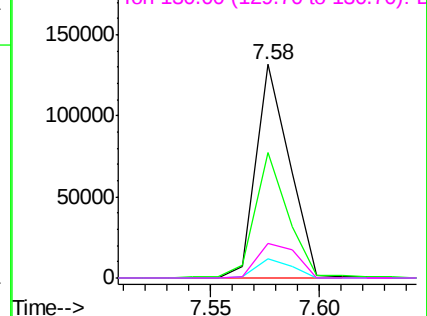


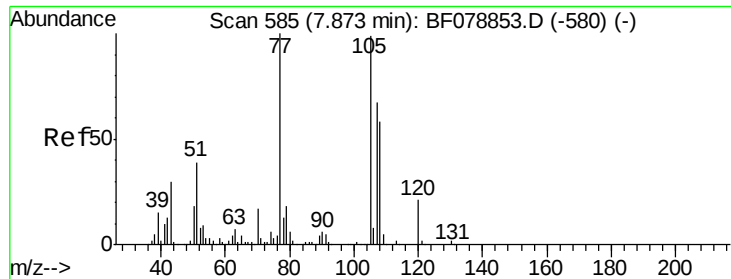
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 41.32 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 198478

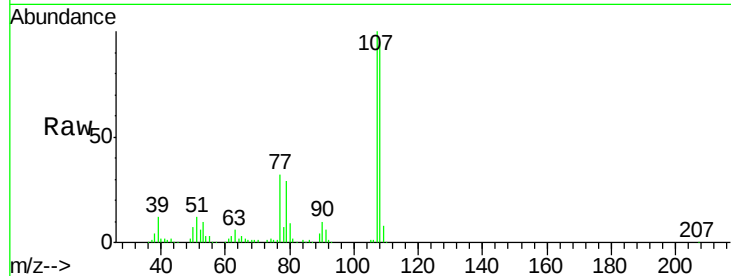
Ion Ratio Lower Upper

107 100

108 94.9 66.5 106.5

77 31.8 130.6 170.6#

79 28.7 6.4 46.4

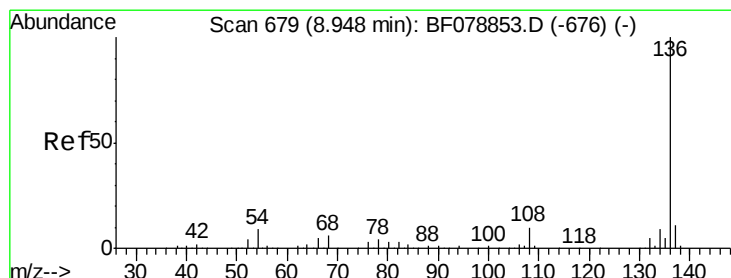
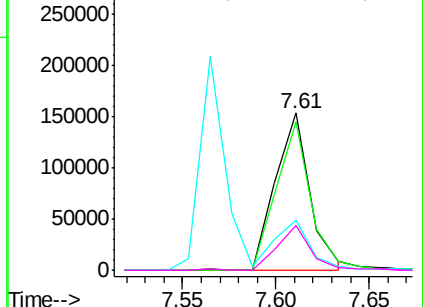
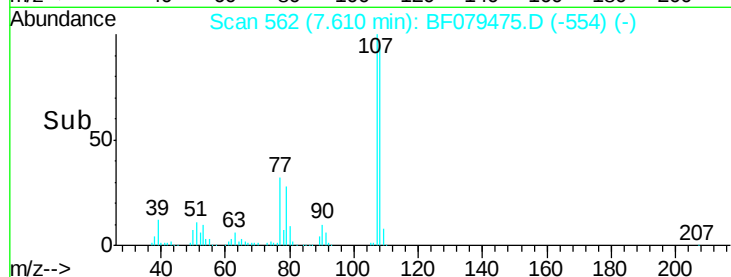


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Tgt Ion:136 Resp: 273434

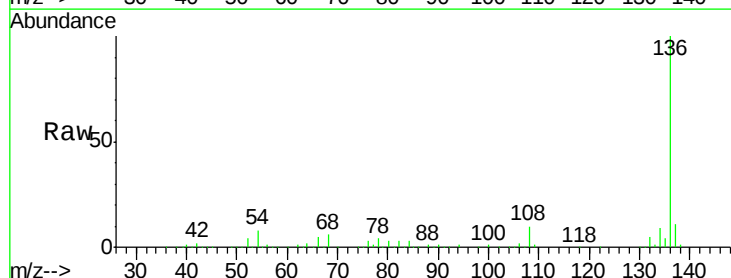
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 6.9 10.3

68 6.3 4.9 7.3

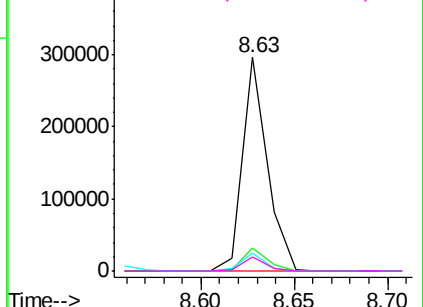
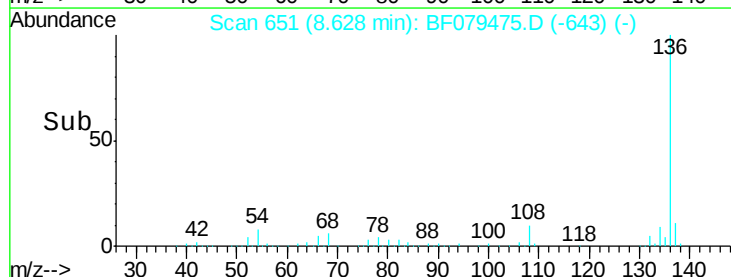


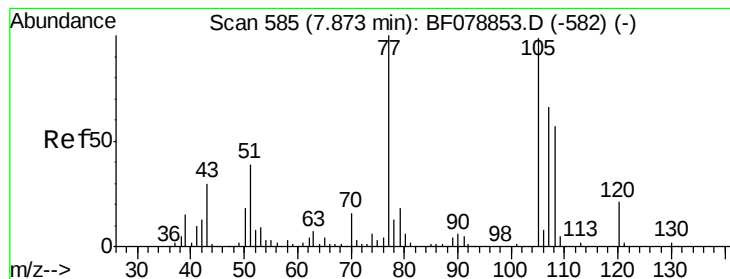
Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.88 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 105 Resp: 258687

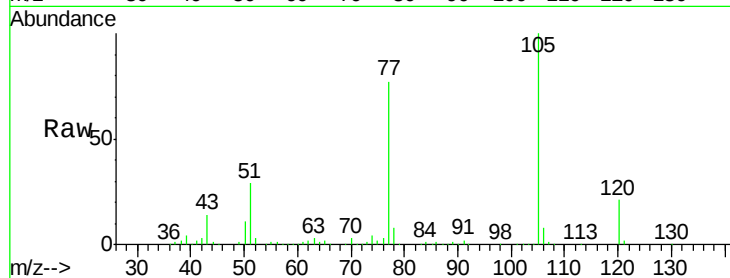
Ion Ratio Lower Upper

105 100

71 0.4 2.2 3.4#

51 29.0 31.1 46.7#

120 21.0 16.7 25.1

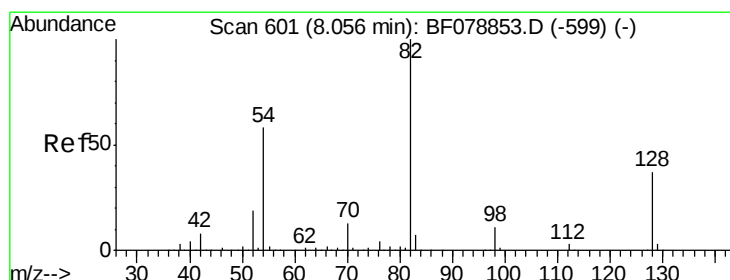
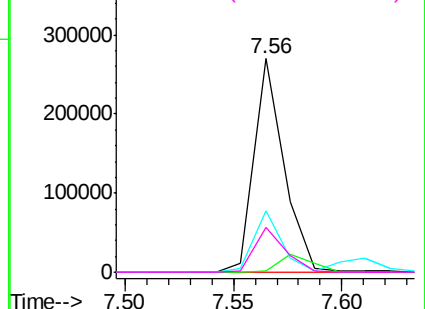
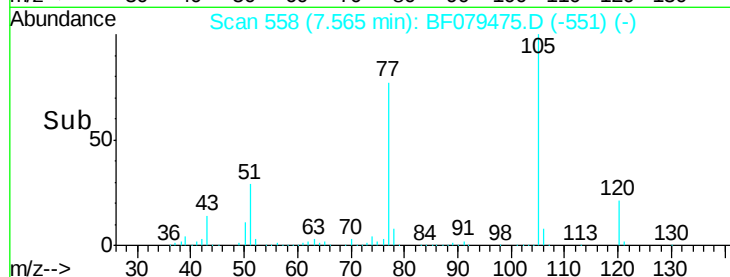


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 68.43 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

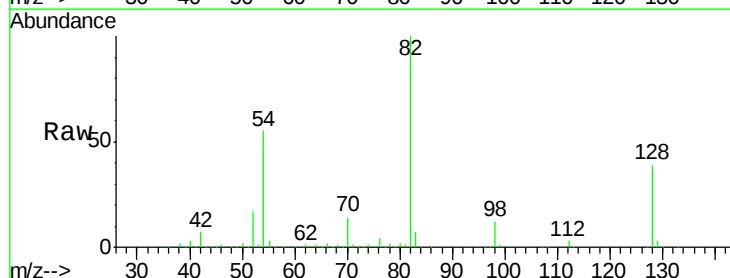
Tgt Ion: 82 Resp: 325590

Ion Ratio Lower Upper

82 100

128 39.0 29.7 44.5

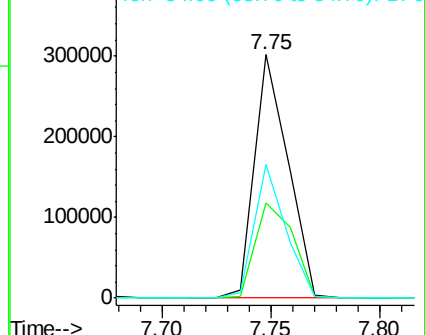
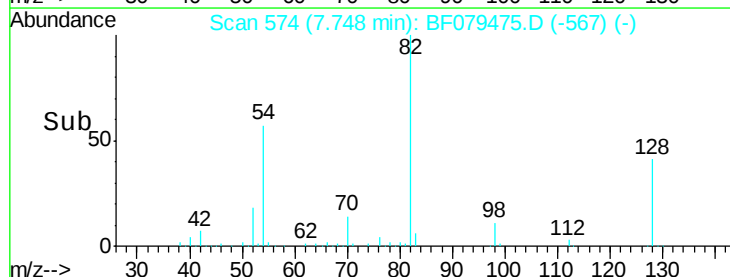
54 54.9 46.2 69.4

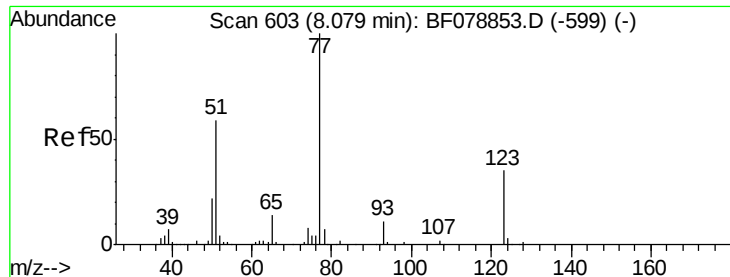


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

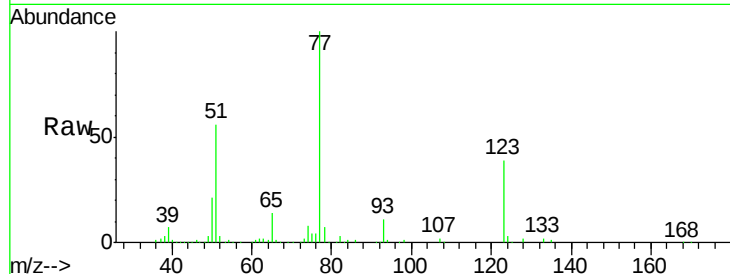




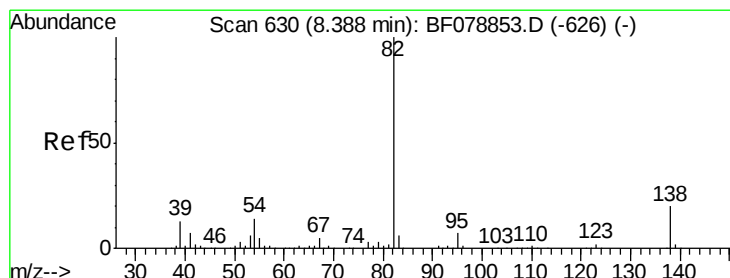
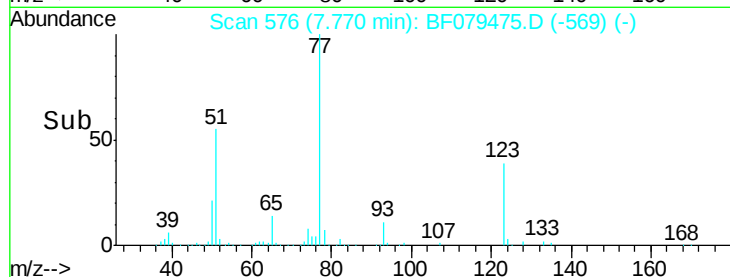
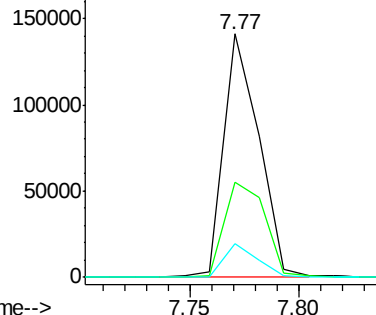
#24  
 Nitrobenzene  
 Concen: 33.78 ng  
 RT: 7.77 min Scan# 576  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 77 Resp: 159303  
 Ion Ratio Lower Upper  
 77 100  
 123 38.8 28.3 42.5  
 65 13.7 11.0 16.4

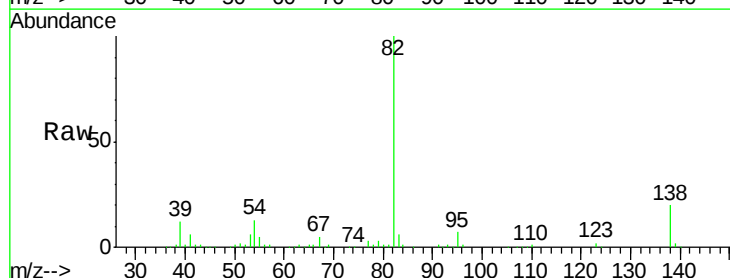


Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): BF0  
 Ion 65.00 (64.70 to 65.70): BF0

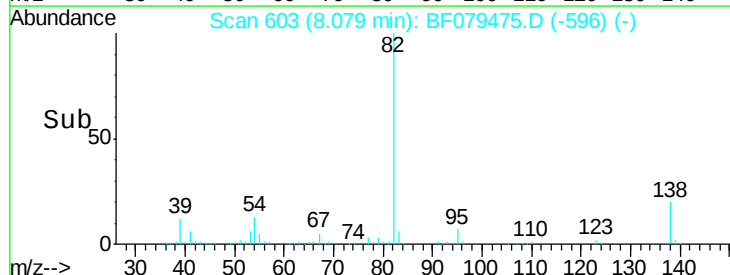
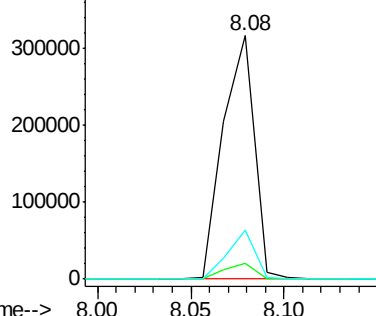


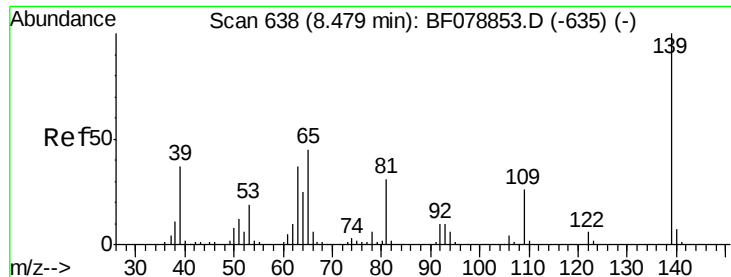
#25  
 Isophorone  
 Concen: 41.67 ng  
 RT: 8.08 min Scan# 603  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Tgt Ion: 82 Resp: 367541  
 Ion Ratio Lower Upper  
 82 100  
 95 6.7 5.4 8.2  
 138 20.1 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 138.00 (137.70 to 138.70): BF0

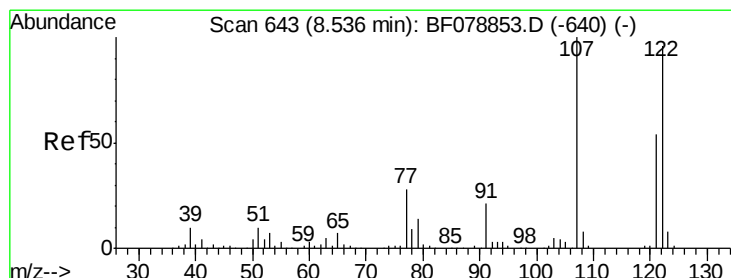
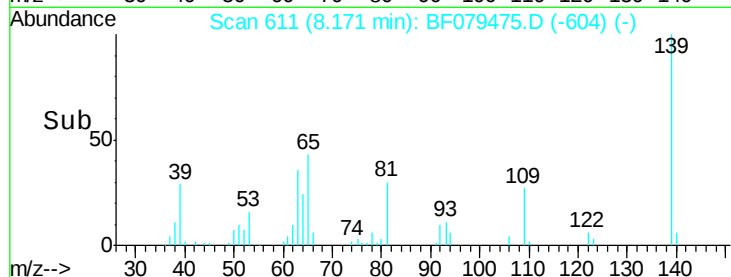
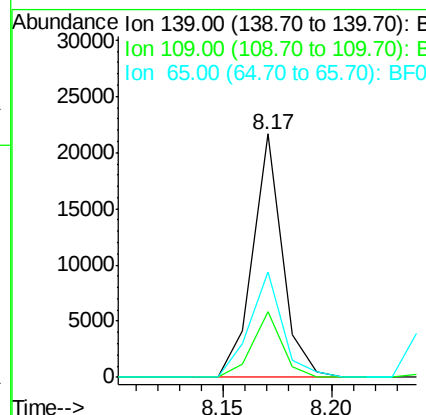
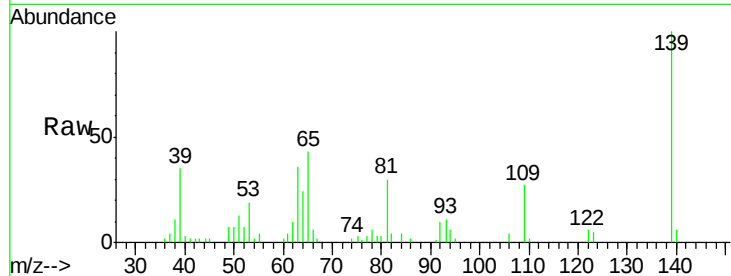




#26  
 2-Nitrophenol  
 Concen: 10.56 ng  
 RT: 8.17 min Scan# 611  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

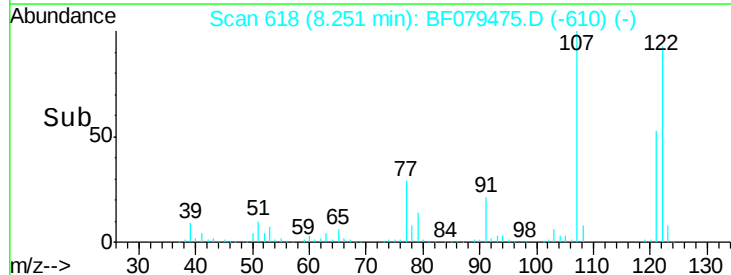
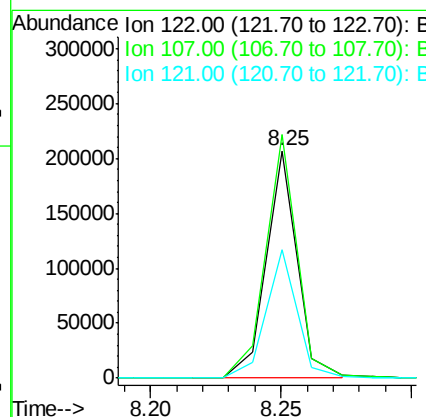
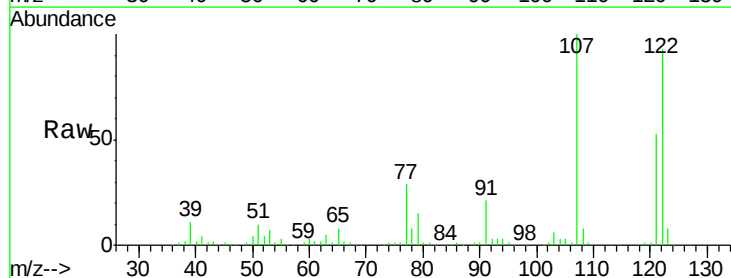
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

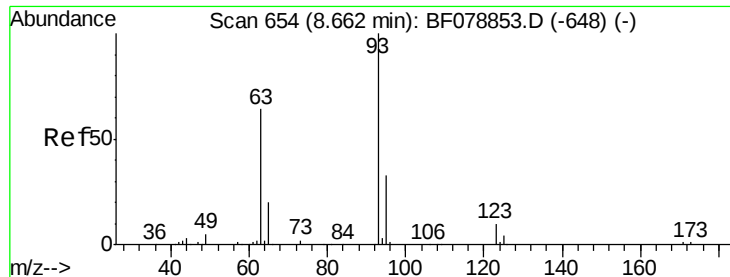
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 26.8  | 20.9  | 31.3  |
| 65      | 43.2  | 35.8  | 53.8  |



#27  
 2,4-Dimethylphenol  
 Concen: 44.05 ng  
 RT: 8.25 min Scan# 618  
 Delta R.T. 0.01 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 107.2 | 83.6  | 125.4 |
| 121     | 56.4  | 44.9  | 67.3  |

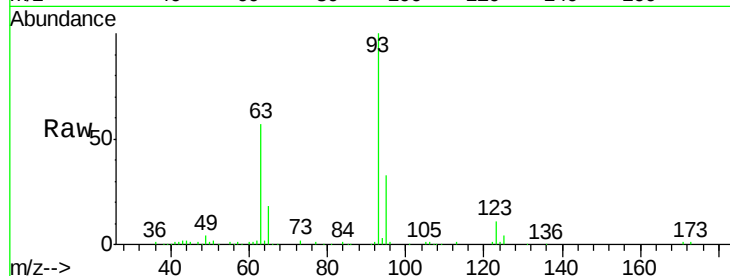




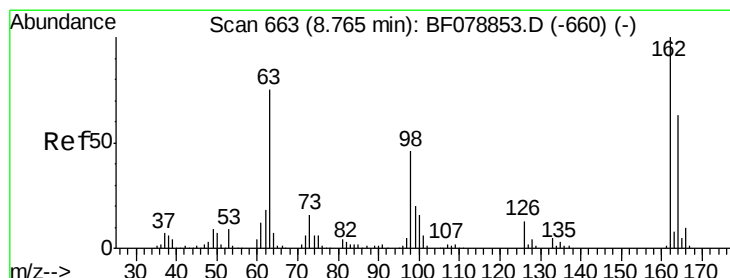
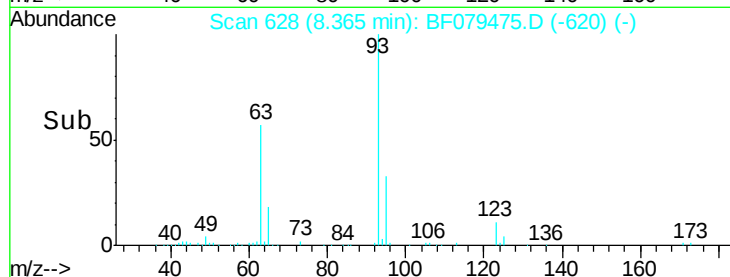
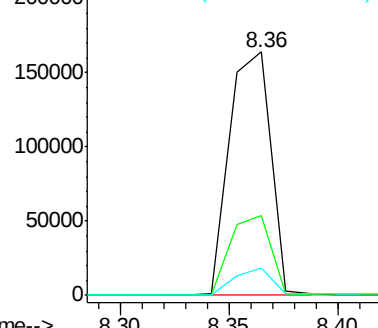
#28  
bis(2-Chloroethoxy)methane  
Concen: 40.36 ng  
RT: 8.36 min Scan# 628  
Delta R.T. 0.01 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 93 Resp: 219467  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.2 39.2  
123 11.2 8.6 12.8

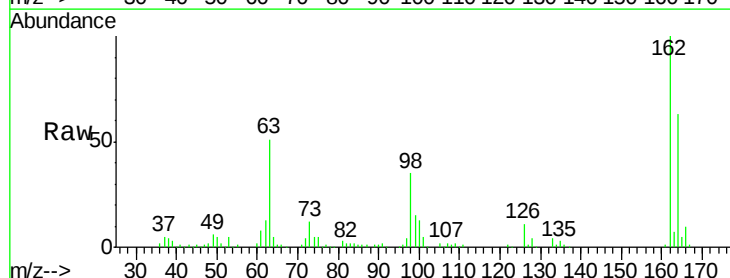


Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): BF0

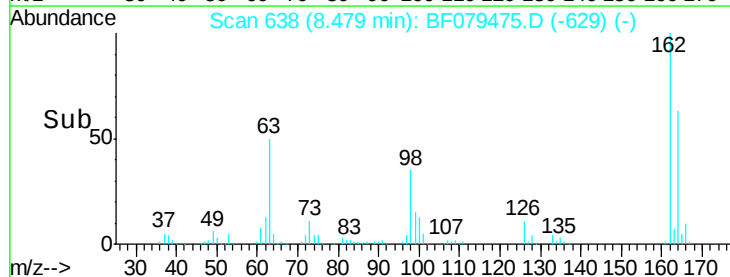
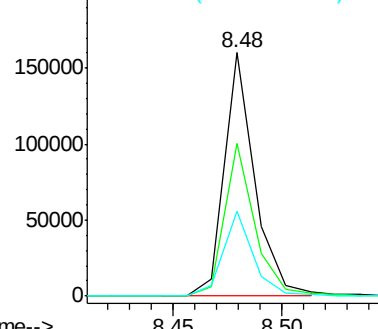


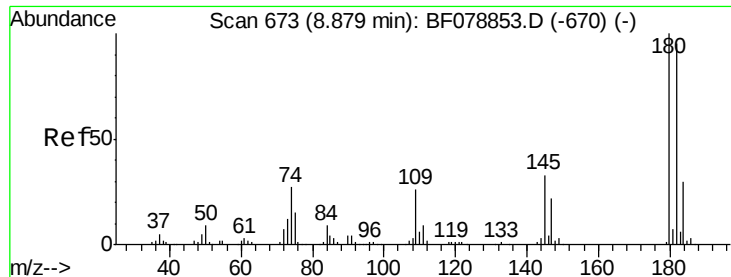
#29  
2,4-Dichlorophenol  
Concen: 44.91 ng  
RT: 8.48 min Scan# 638  
Delta R.T. 0.01 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion: 162 Resp: 155985  
Ion Ratio Lower Upper  
162 100  
164 62.8 42.7 82.7  
98 35.1 26.3 66.3



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

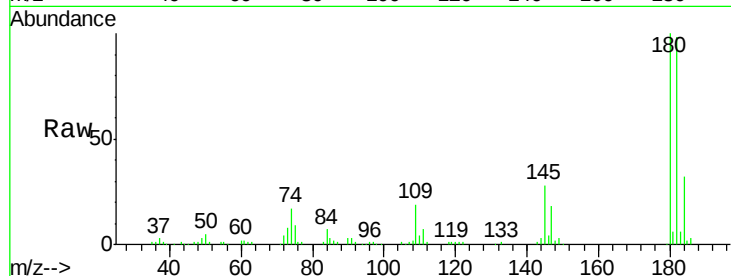




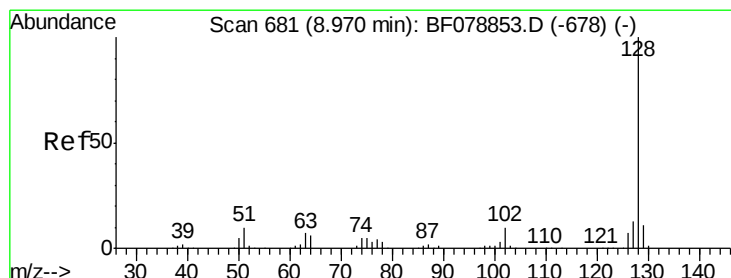
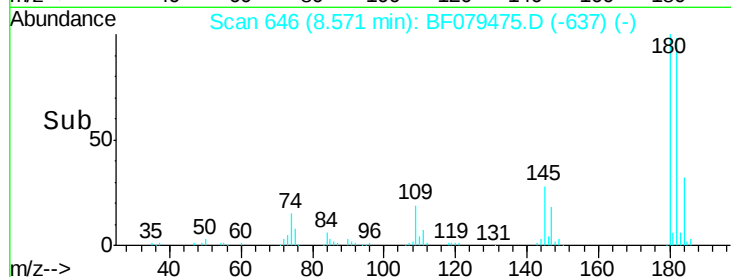
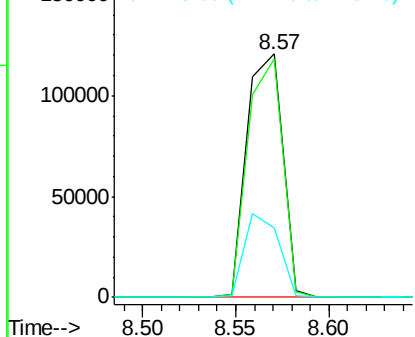
#30  
1,2,4-Trichlorobenzene  
Concen: 42.20 ng  
RT: 8.57 min Scan# 646  
Delta R.T. 0.01 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:180 Resp: 161001  
Ion Ratio Lower Upper  
180 100  
182 97.7 75.7 113.5  
145 28.4 26.2 39.4

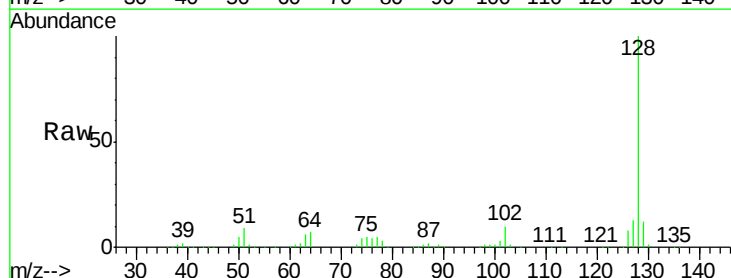


Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

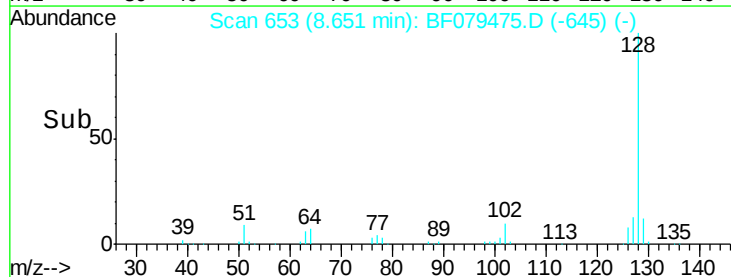
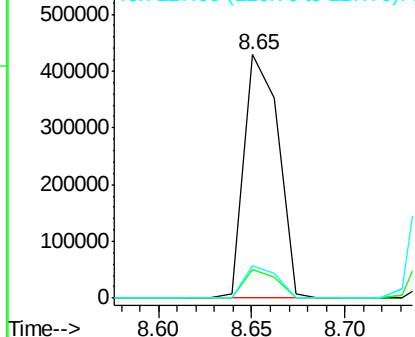


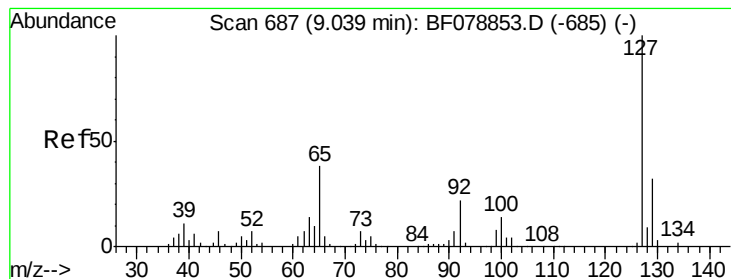
#31  
Naphthalene  
Concen: 42.00 ng  
RT: 8.65 min Scan# 653  
Delta R.T. 0.00 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion:128 Resp: 547230  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.2 13.8  
127 13.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 43.59 ng

RT: 8.74 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

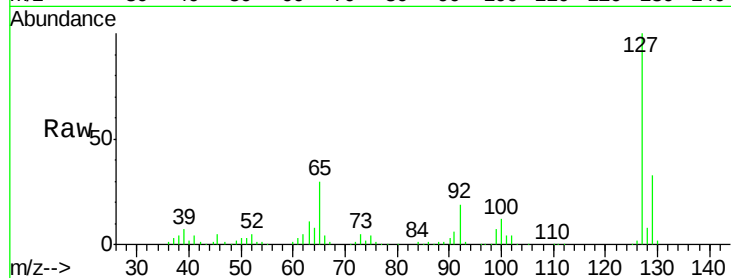
Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 240324 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 25.6  | 38.4   |
| 65       | 30.0  | 30.2  | 45.4#  |
| 92       | 19.3  | 17.5  | 26.3   |

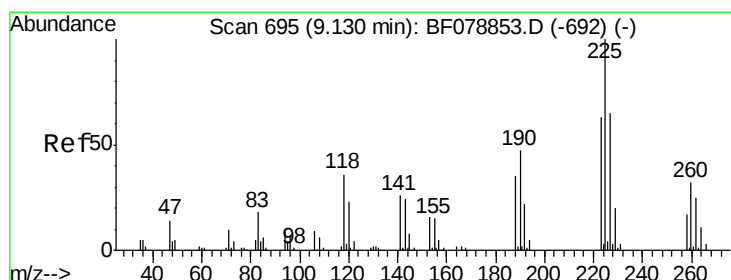
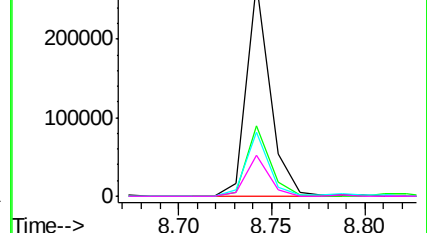
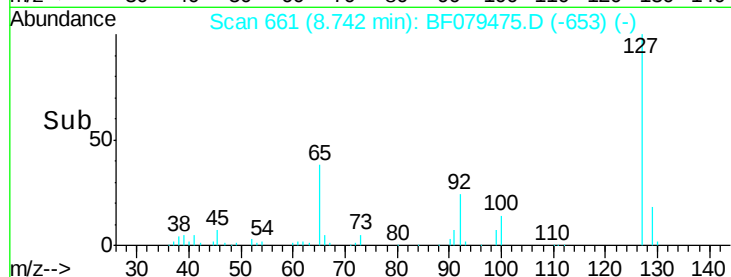


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.30 ng

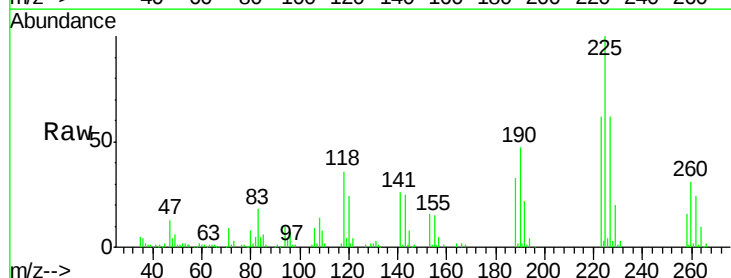
RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

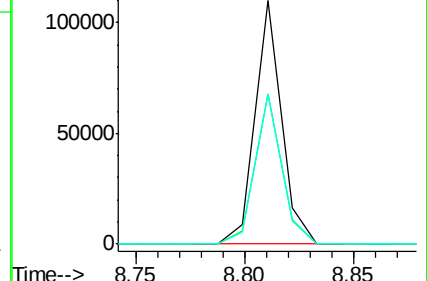
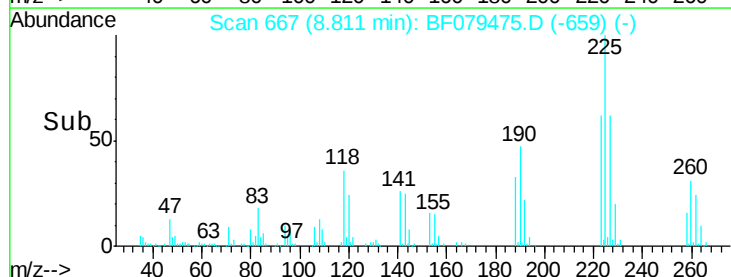
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 92942 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.9  | 50.6  | 75.8  |
| 227      | 61.8  | 52.1  | 78.1  |

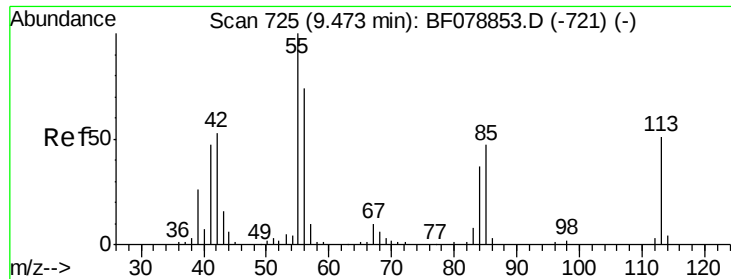


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.53 ng

RT: 9.19 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

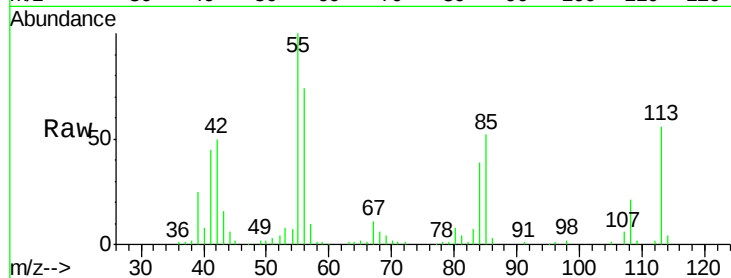
Tgt Ion:113 Resp: 50013

Ion Ratio Lower Upper

113 100

55 178.5 176.0 216.0

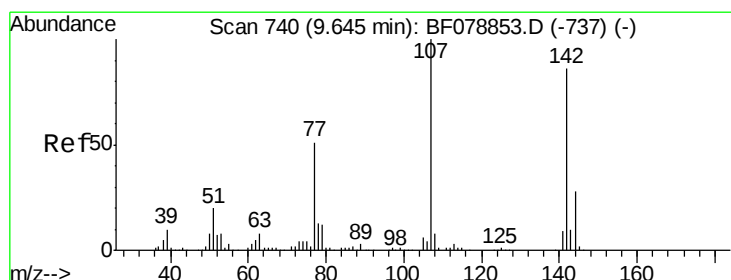
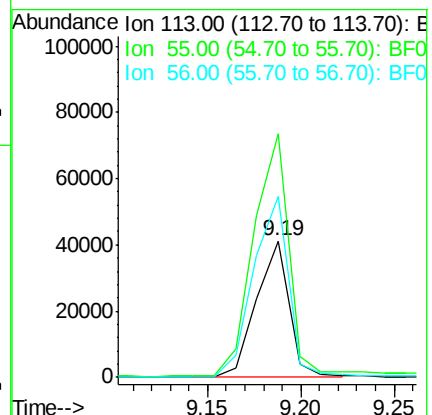
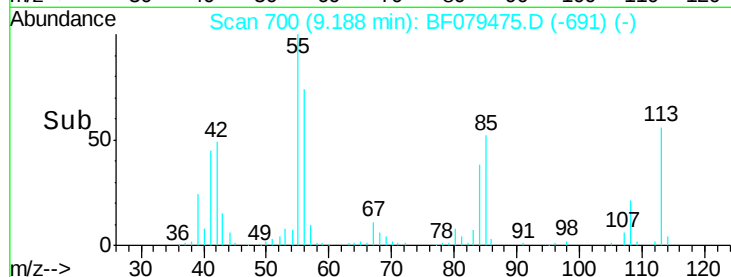
56 132.8 123.8 163.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.68 ng

RT: 9.37 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

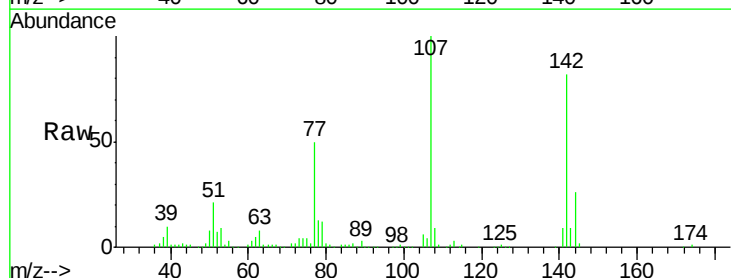
Tgt Ion:107 Resp: 166663

Ion Ratio Lower Upper

107 100

144 25.6 22.5 33.7

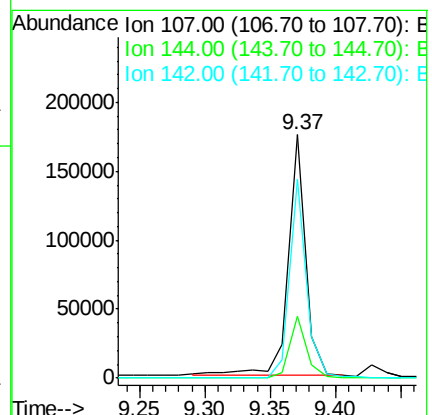
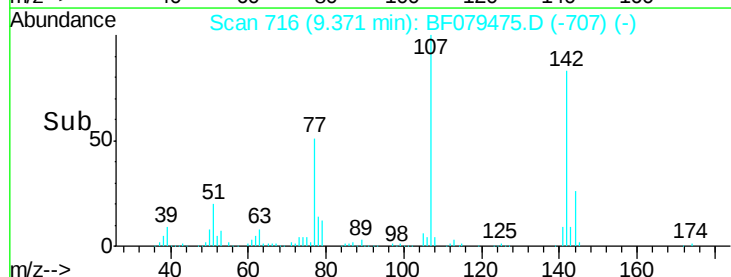
142 81.8 68.6 103.0

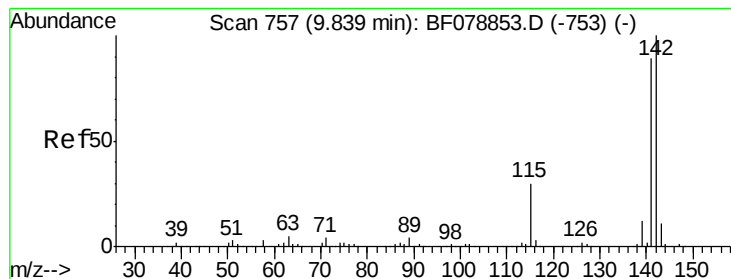


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

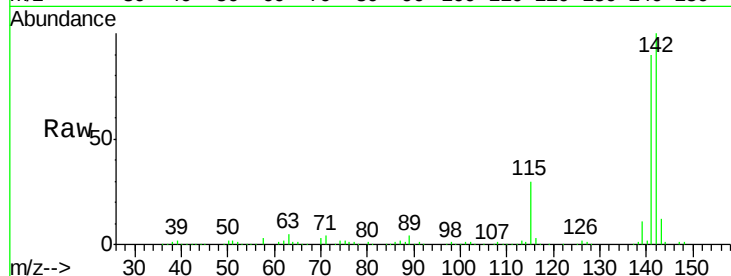




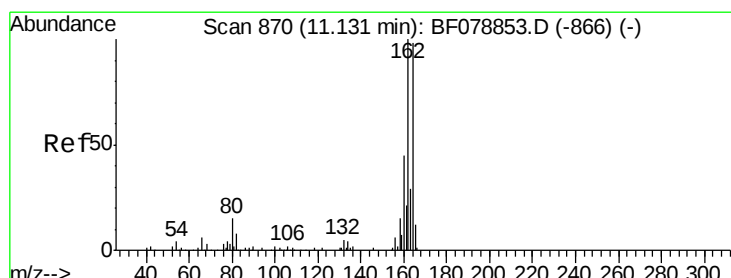
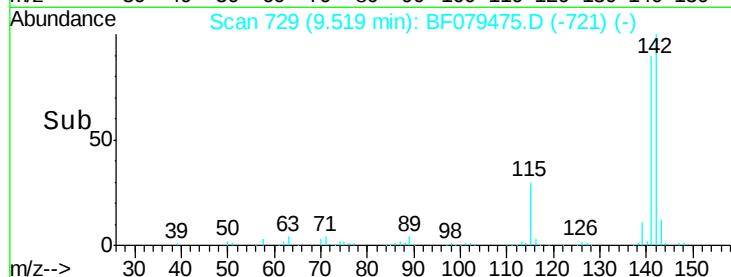
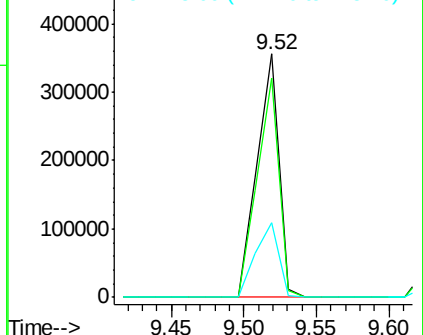
#37  
 2-Methylnaphthalene  
 Concen: 41.58 ng  
 RT: 9.52 min Scan# 729  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:142 Resp: 375364  
 Ion Ratio Lower Upper  
 142 100  
 141 89.9 71.6 107.4  
 115 30.4 24.2 36.4

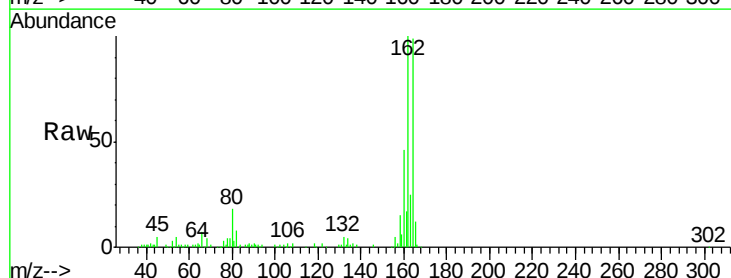


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

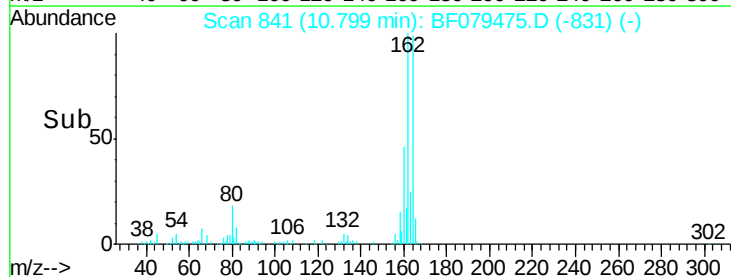
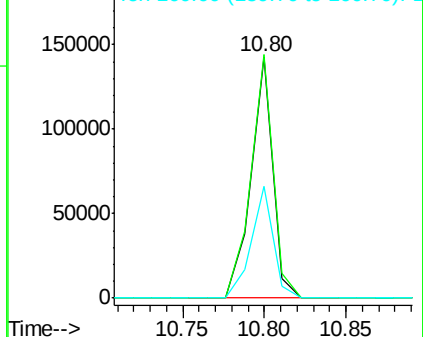


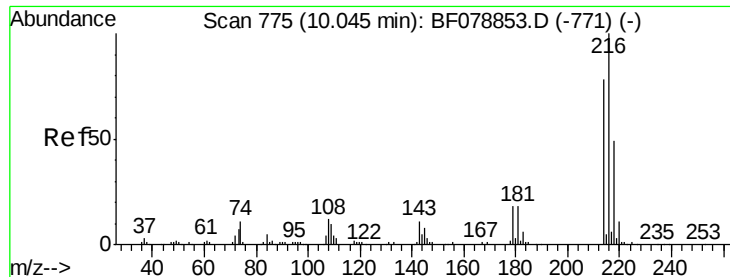
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.80 min Scan# 841  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Tgt Ion:164 Resp: 132521  
 Ion Ratio Lower Upper  
 164 100  
 162 100.9 81.4 122.0  
 160 46.2 36.6 54.8



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

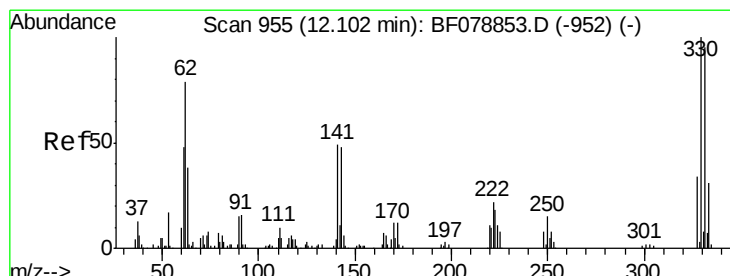
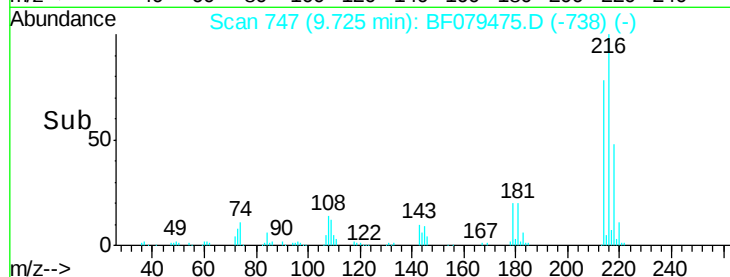
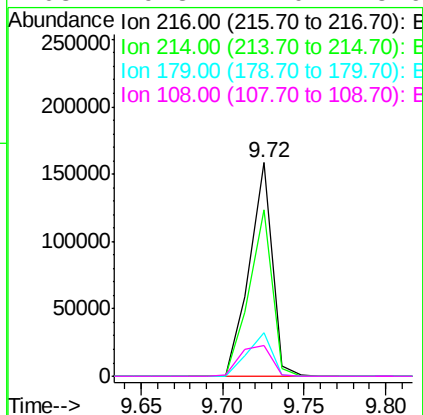
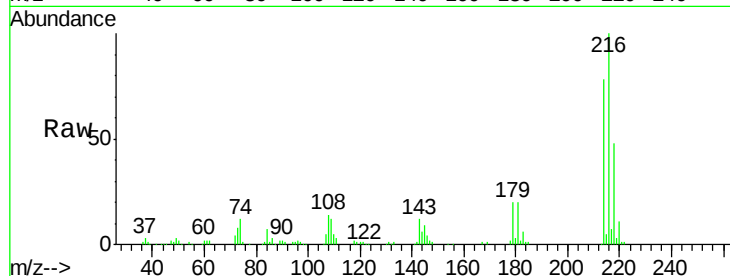




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.70 ng  
 RT: 9.72 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

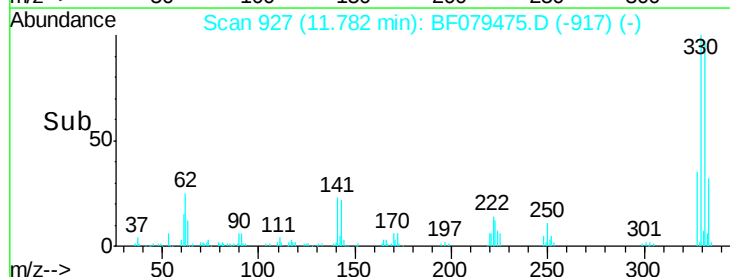
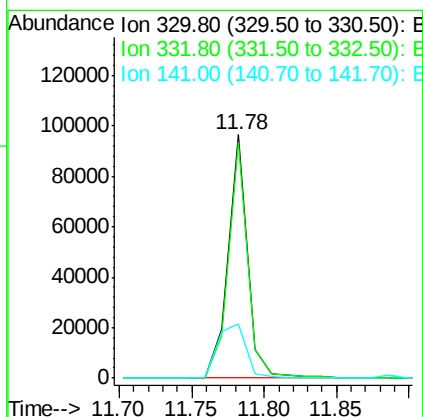
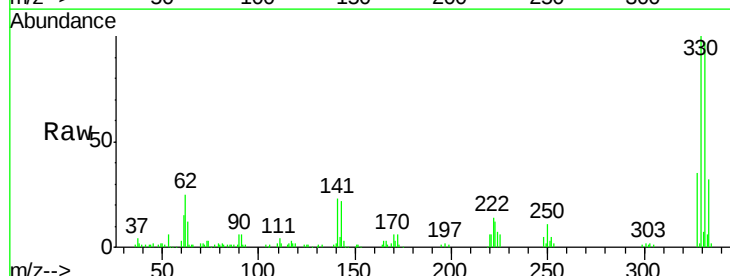
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

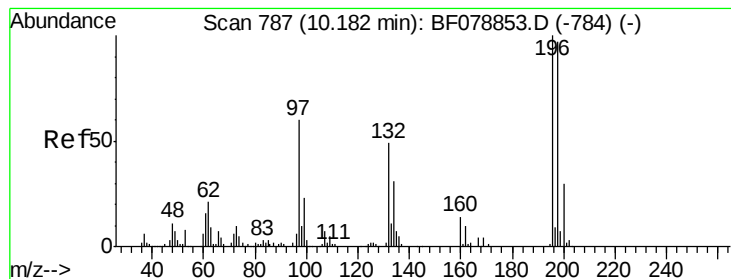
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 155618 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.4  | 64.0  | 96.0   |
| 179      | 21.5  | 17.0  | 25.4   |
| 108      | 19.3  | 17.0  | 25.6   |



#41  
 2,4,6-Tribromophenol  
 Concen: 62.81 ng  
 RT: 11.78 min Scan# 927  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 90052 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 95.8  | 76.9  | 115.3 |
| 141      | 32.2  | 27.8  | 41.8  |





#42

2,4,6-Trichlorophenol

Concen: 40.29 ng

RT: 9.88 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

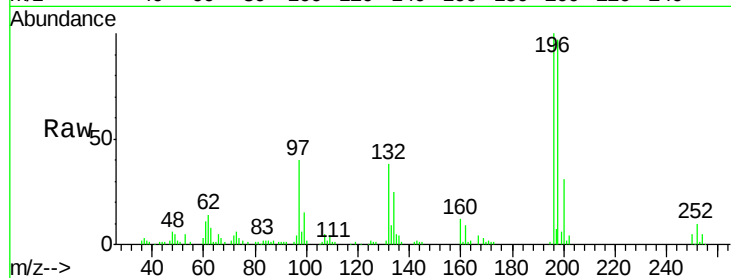
Tgt Ion:196 Resp: 103376

Ion Ratio Lower Upper

196 100

198 96.9 77.4 116.2

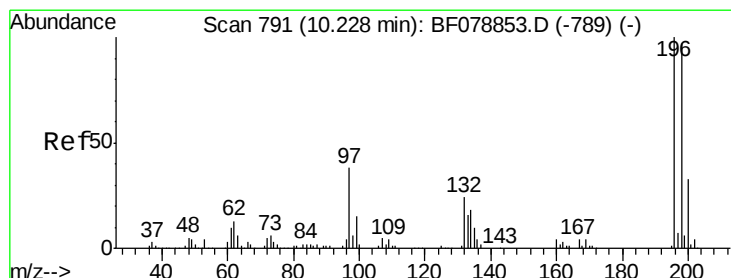
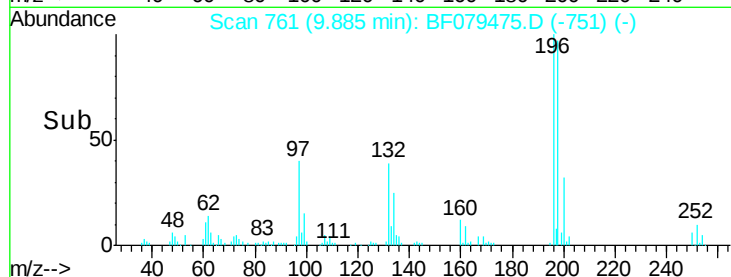
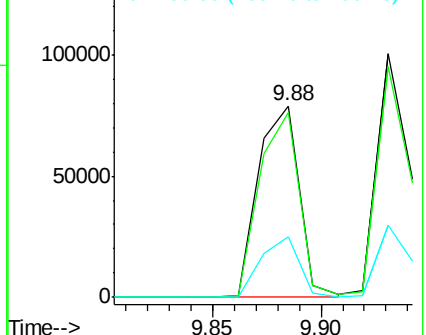
200 31.4 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 41.43 ng

RT: 9.93 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Tgt Ion:196 Resp: 107464

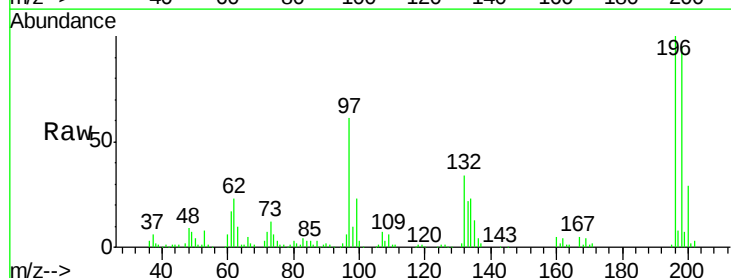
Ion Ratio Lower Upper

196 100

198 95.0 77.3 115.9

97 60.5 31.3 46.9#

132 33.6 19.7 29.5#

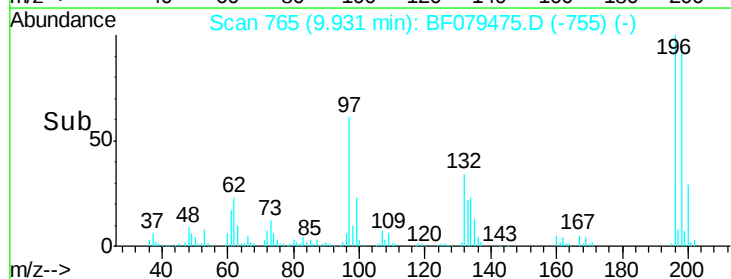
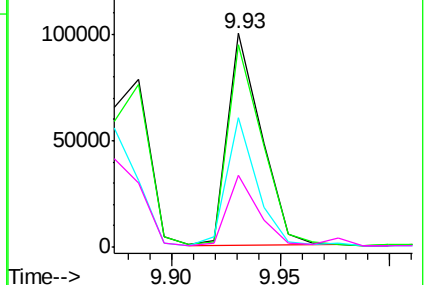


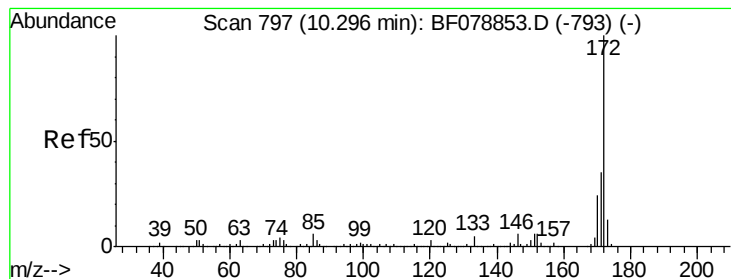
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 80.96 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

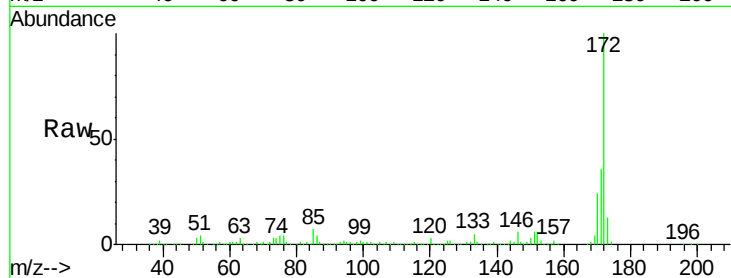
Tgt Ion:172 Resp: 770106

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

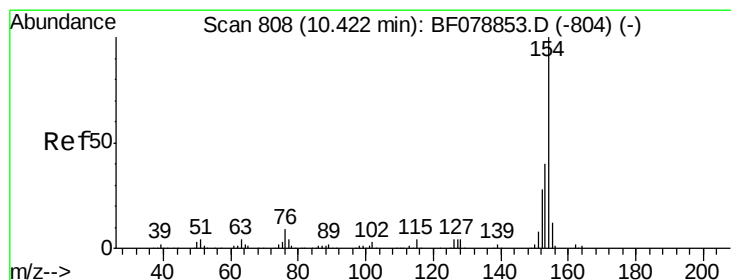
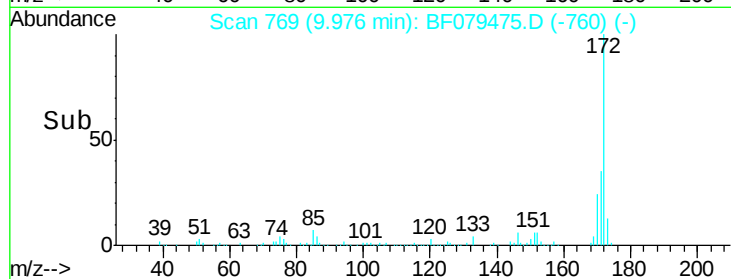
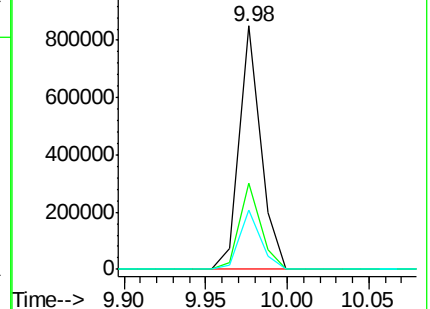
170 24.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.97 ng

RT: 10.10 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

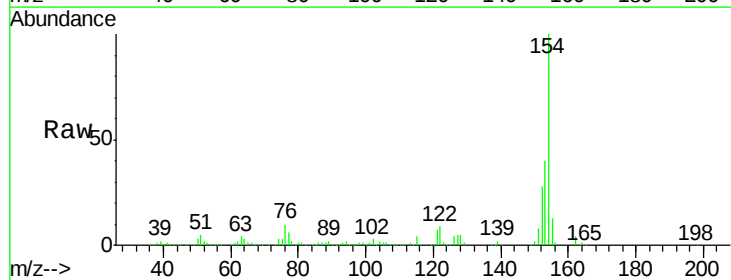
Tgt Ion:154 Resp: 431616

Ion Ratio Lower Upper

154 100

153 39.8 19.7 59.7

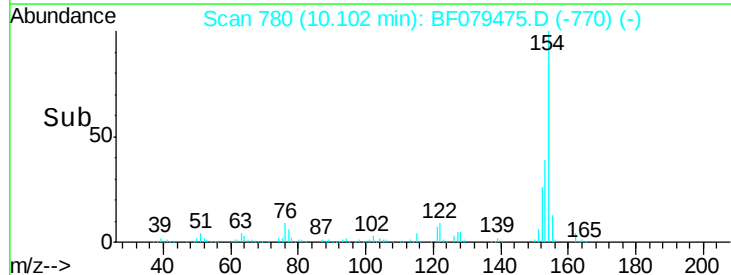
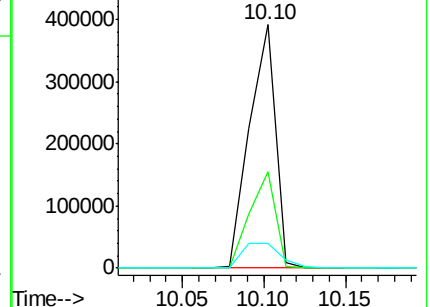
76 10.2 0.0 29.1

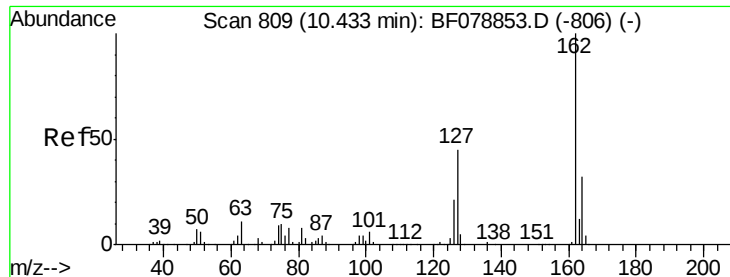


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

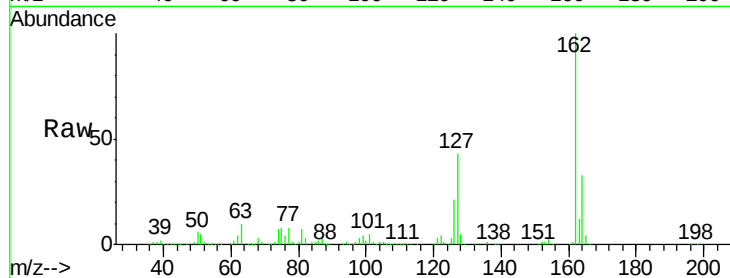




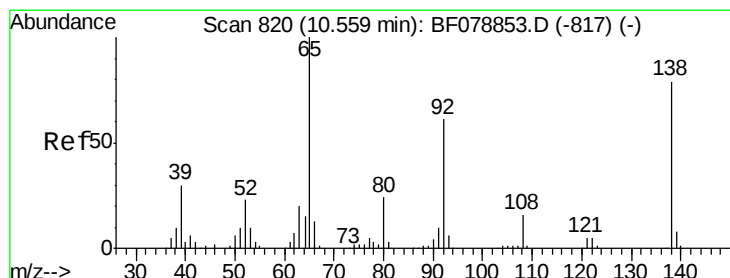
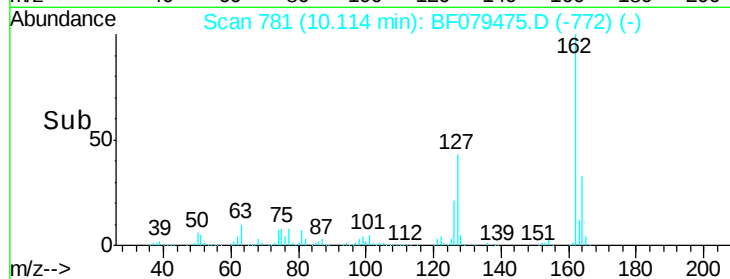
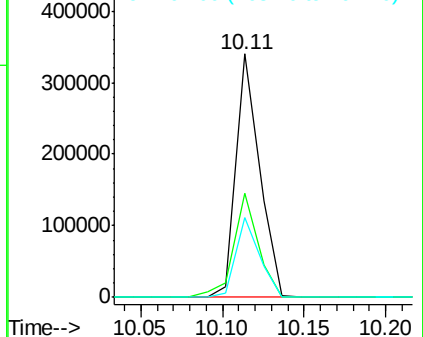
#46  
2-Chloronaphthalene  
Concen: 41.28 ng  
RT: 10.11 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.8  | 36.3  | 54.5  |
| 164     | 32.7  | 25.9  | 38.9  |

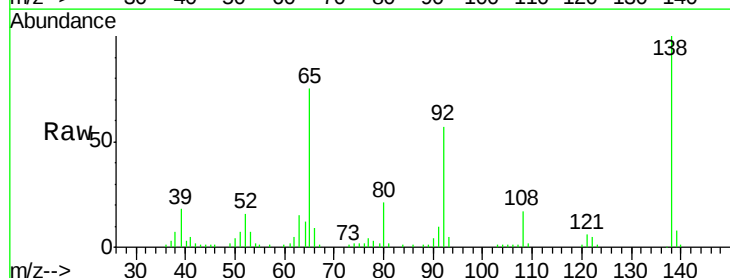


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

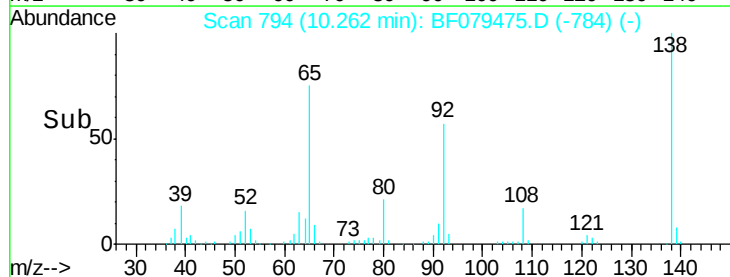
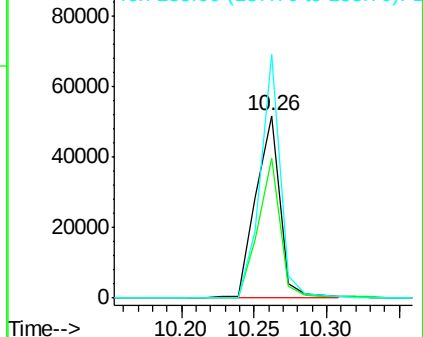


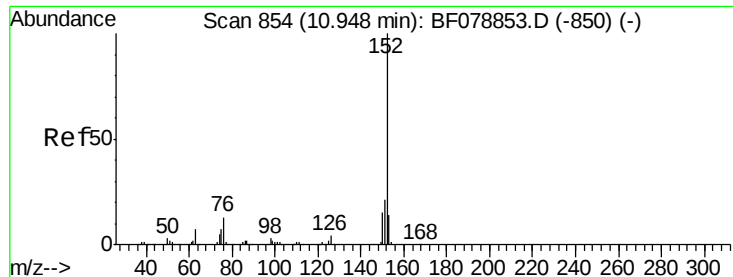
#47  
2-Nitroaniline  
Concen: 25.30 ng  
RT: 10.26 min Scan# 794  
Delta R.T. 0.01 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 76.6  | 49.1  | 73.7# |
| 138     | 133.3 | 63.2  | 94.8# |



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

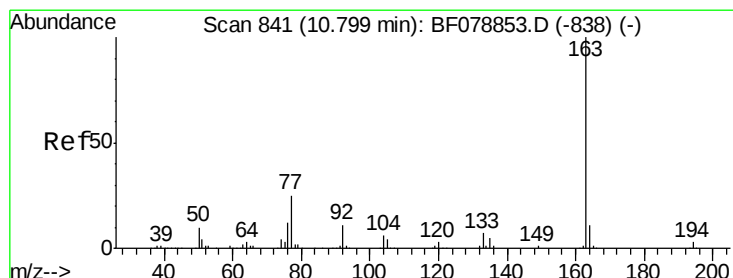
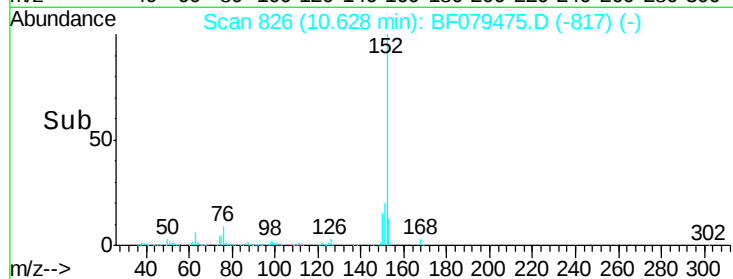
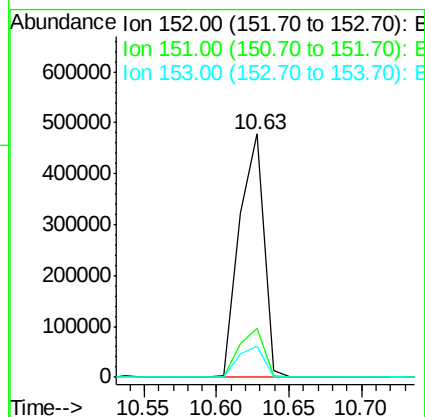
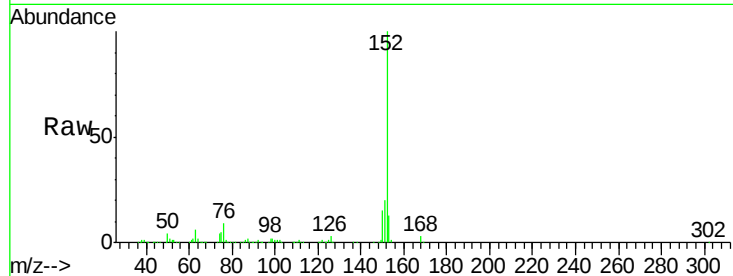




#48  
Acenaphthylene  
Concen: 41.83 ng  
RT: 10.63 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

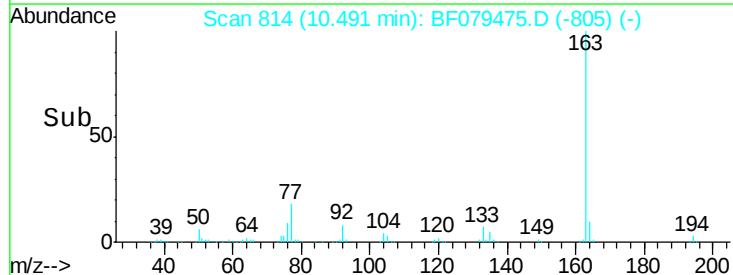
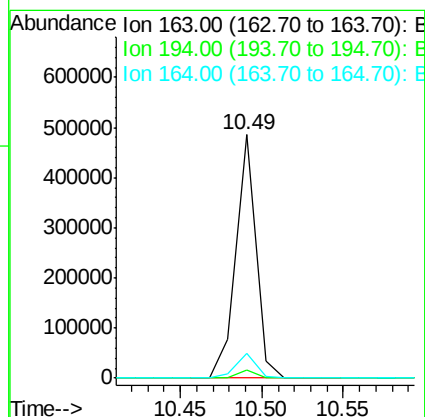
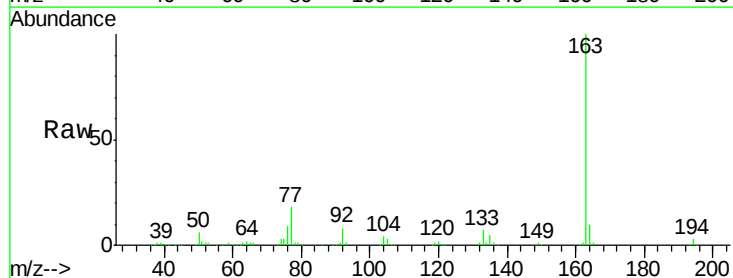
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

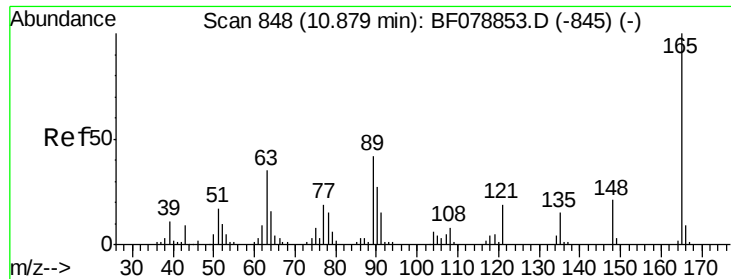
Tgt Ion:152 Resp: 564422  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.6 24.8  
153 13.0 11.0 16.6



#49  
Dimethylphthalate  
Concen: 42.26 ng  
RT: 10.49 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion:163 Resp: 411035  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.4 3.6  
164 10.2 8.6 12.8

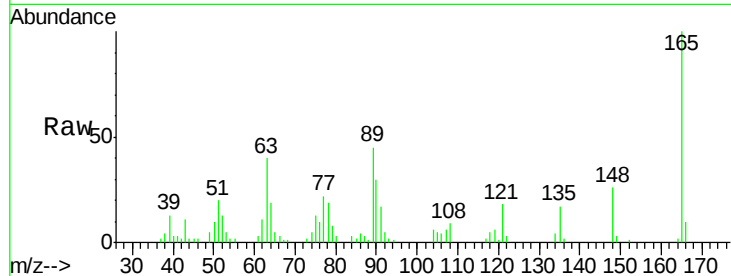




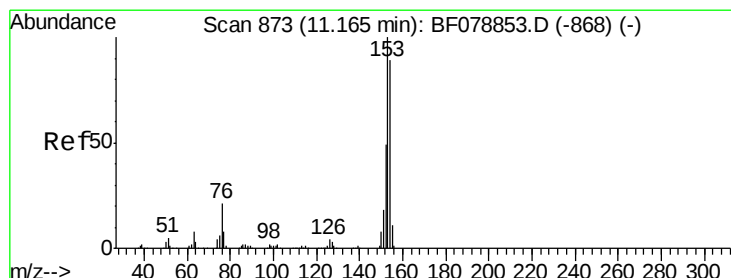
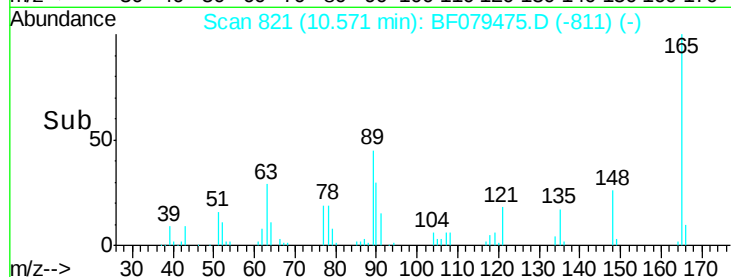
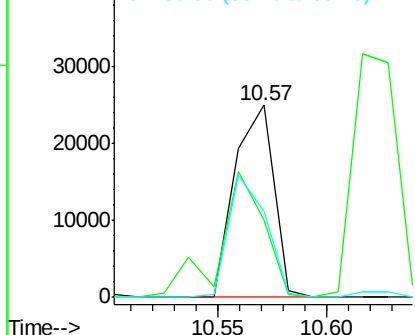
#50  
 2,6-Dinitrotoluene  
 Concen: 16.19 ng  
 RT: 10.57 min Scan# 821  
 Delta R.T. 0.01 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.9  | 29.2  | 43.8  |
| 89      | 44.8  | 33.3  | 49.9  |

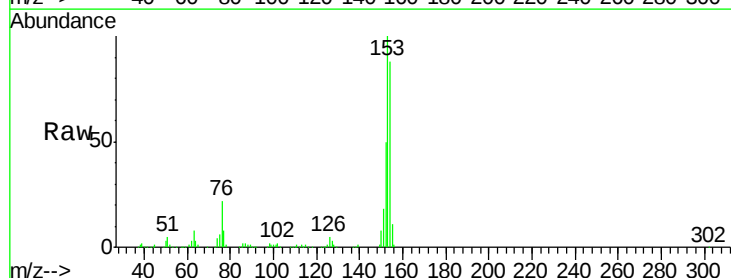


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 89.00 (88.70 to 89.70): BF0

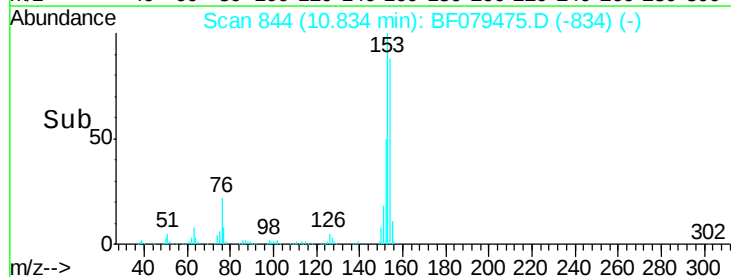
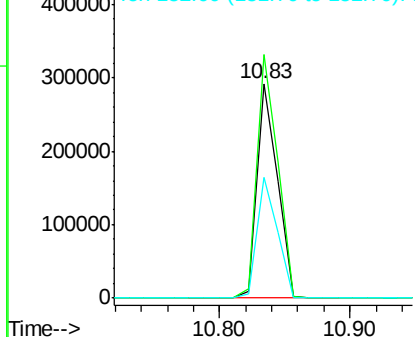


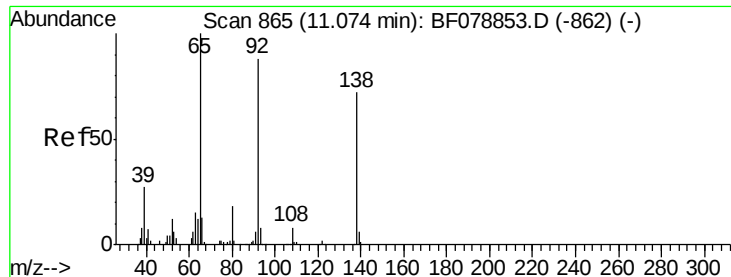
#51  
 Acenaphthene  
 Concen: 39.62 ng  
 RT: 10.83 min Scan# 844  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.5 | 90.2  | 135.2 |
| 152     | 56.2  | 43.8  | 65.8  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 29.33 ng

RT: 10.77 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

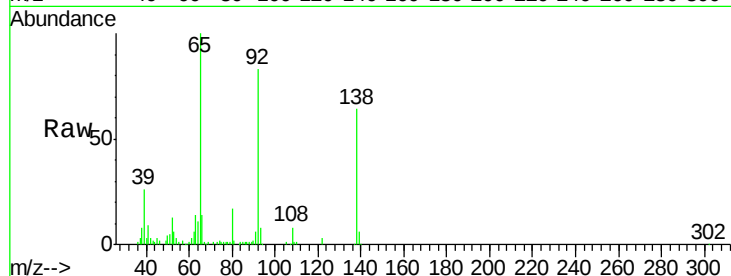
Tgt Ion:138 Resp: 70315

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

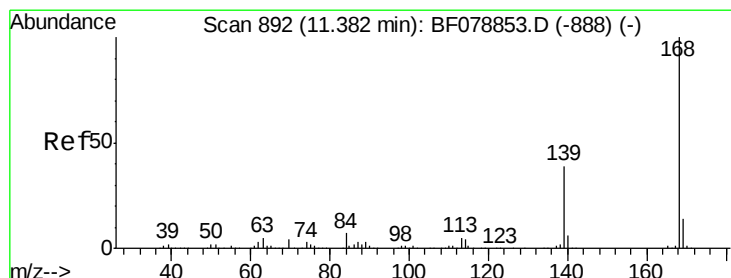
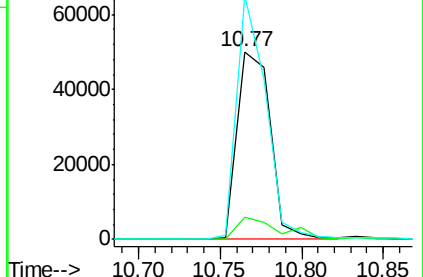
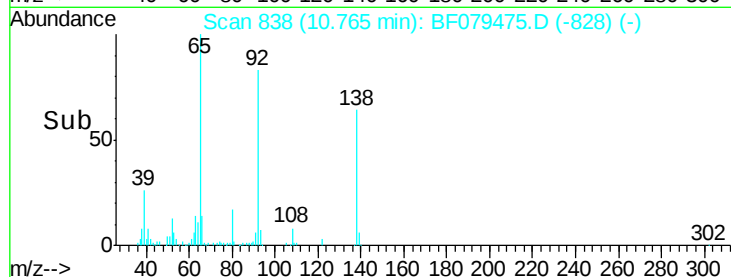
92 129.9 97.4 146.0



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): BF0



#54

Dibenzofuran

Concen: 40.35 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

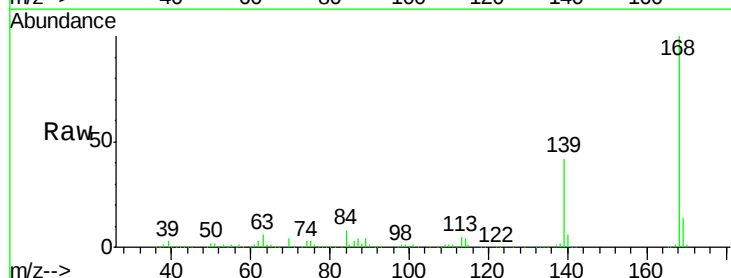
Tgt Ion:168 Resp: 468942

Ion Ratio Lower Upper

168 100

139 42.1 31.5 47.3

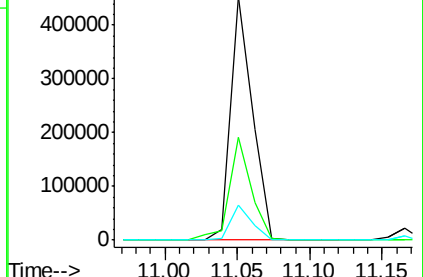
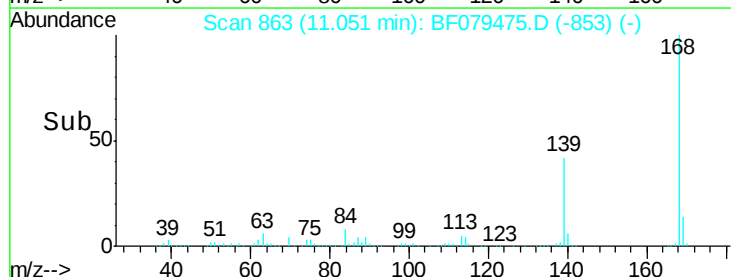
169 14.1 11.0 16.4

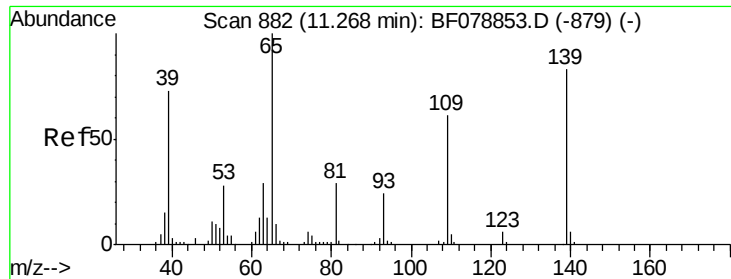


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

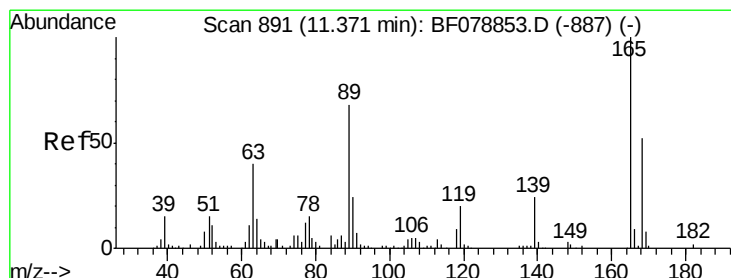
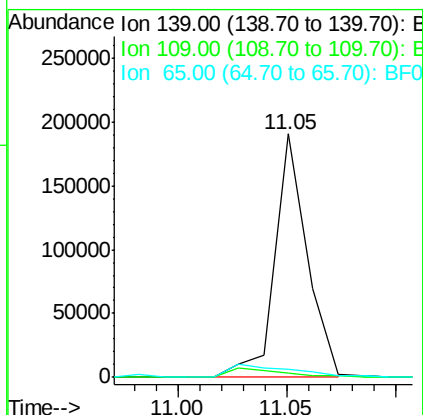
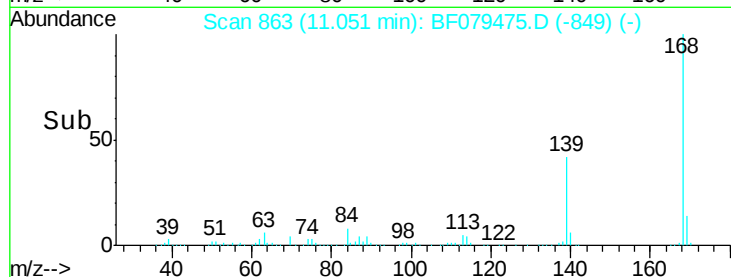
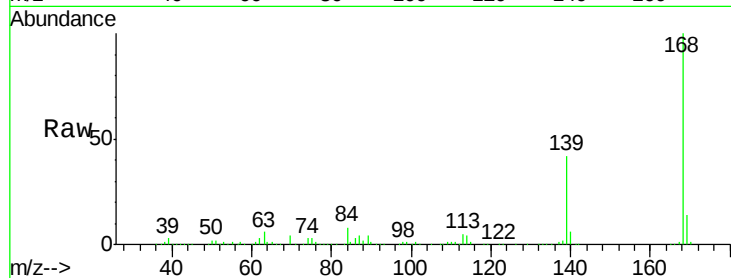




#55  
4-Nitrophenol  
Concen: 104.87 ng  
RT: 11.05 min Scan# 863  
Delta R.T. 0.05 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

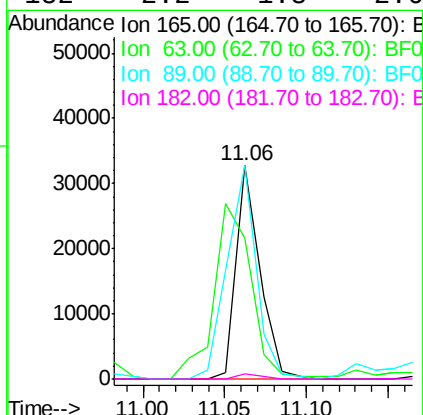
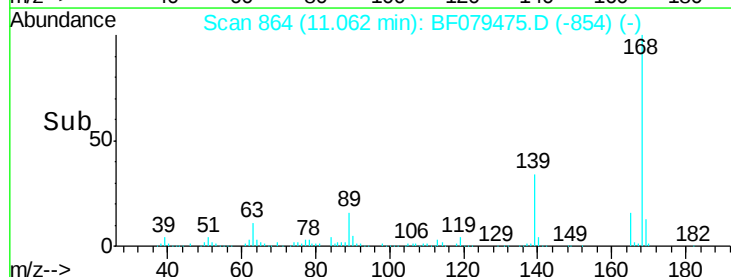
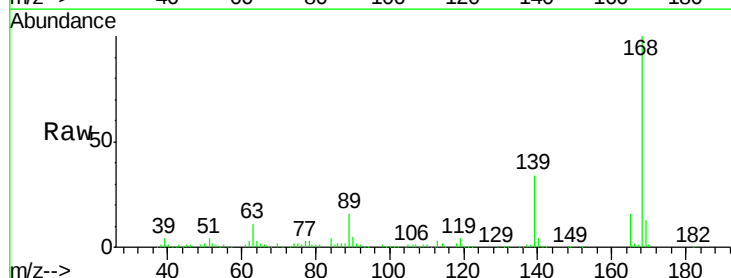
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

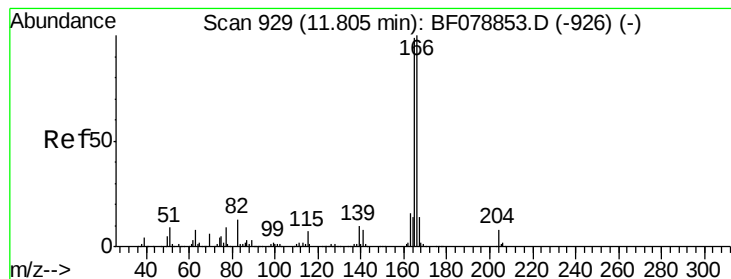
Tgt Ion:139 Resp: 199016  
Ion Ratio Lower Upper  
139 100  
109 2.0 54.4 94.4#  
65 3.3 101.0 141.0#



#56  
2,4-Dinitrotoluene  
Concen: 12.94 ng  
RT: 11.06 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion:165 Resp: 32829  
Ion Ratio Lower Upper  
165 100  
63 66.1 32.3 48.5#  
89 100.0 54.6 81.8#  
182 2.2 1.8 2.6





#57

Fluorene

Concen: 40.43 ng

RT: 11.47 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

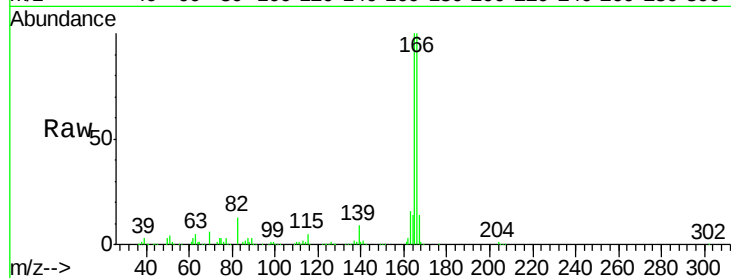
Tgt Ion:166 Resp: 385699

Ion Ratio Lower Upper

166 100

165 100.3 79.5 119.3

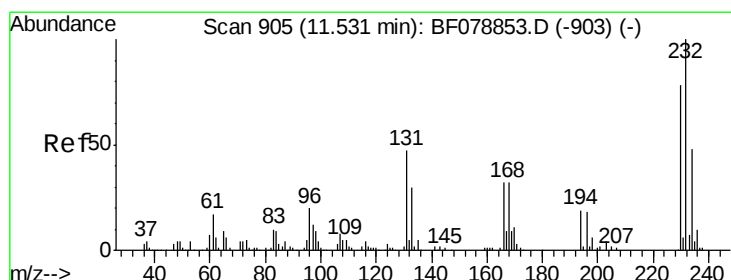
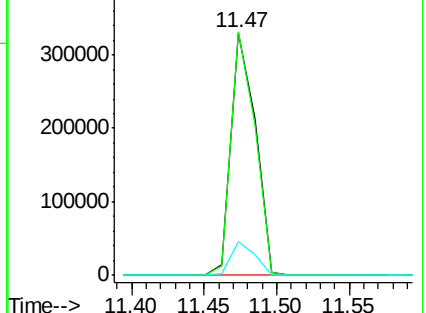
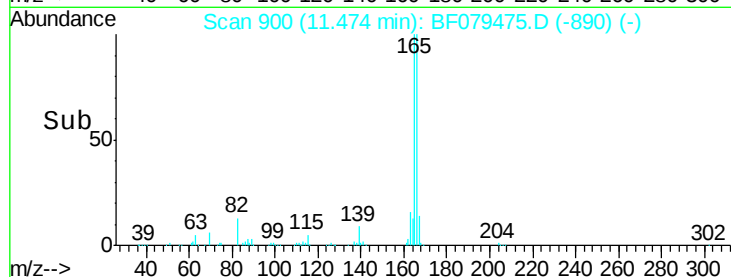
167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.14 ng

RT: 11.22 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Tgt Ion:232 Resp: 82974

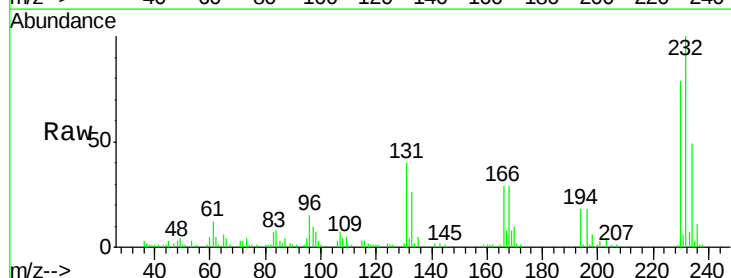
Ion Ratio Lower Upper

232 100

131 54.4 41.9 62.9

130 2.3 1.9 2.9

166 34.4 27.0 40.6

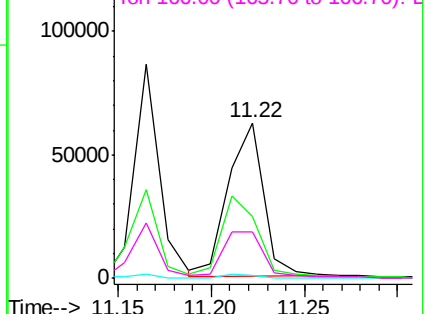
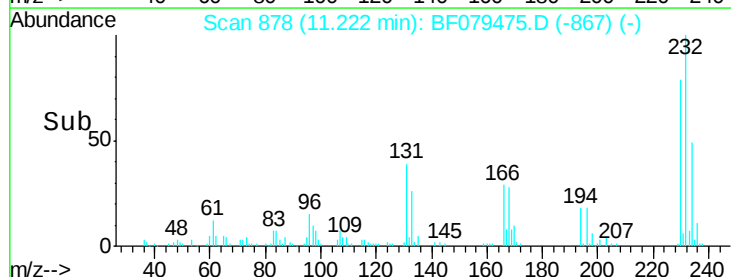


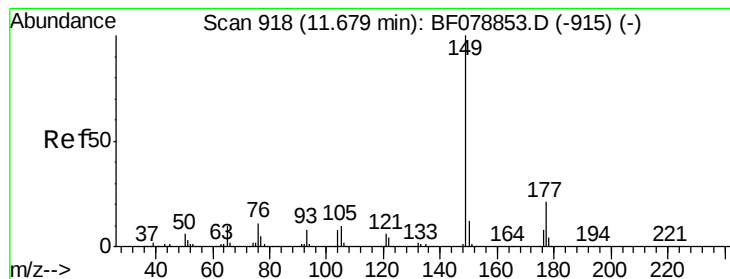
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.02 ng

RT: 11.36 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

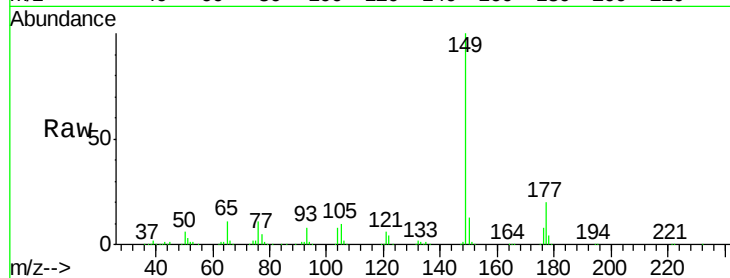
Tgt Ion:149 Resp: 385607

Ion Ratio Lower Upper

149 100

177 20.0 16.4 24.6

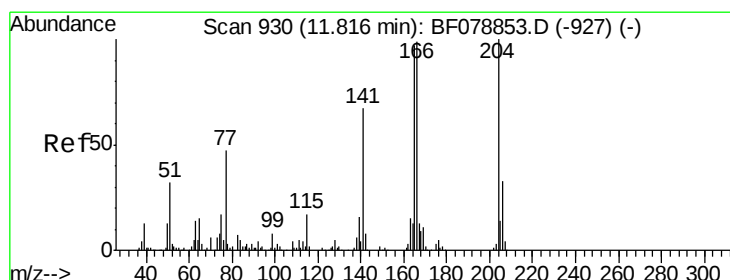
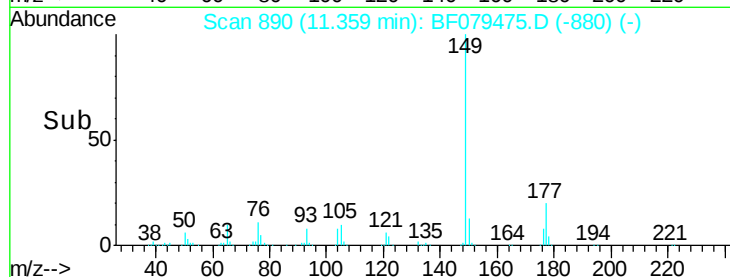
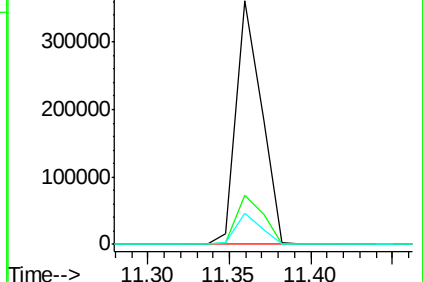
150 12.7 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.48 ng

RT: 11.49 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

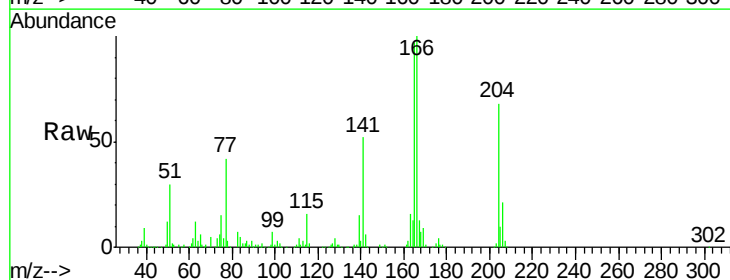
Tgt Ion:204 Resp: 167091

Ion Ratio Lower Upper

204 100

206 31.3 26.2 39.4

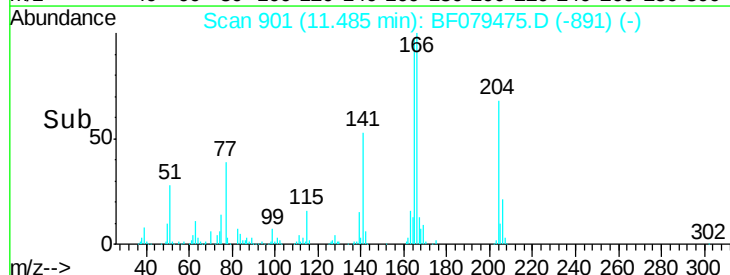
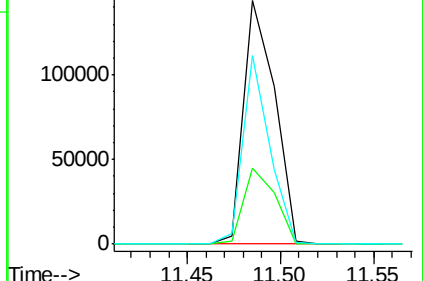
141 77.2 53.6 80.4

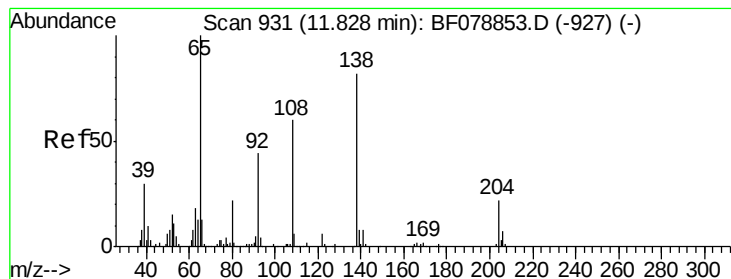


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 25.52 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

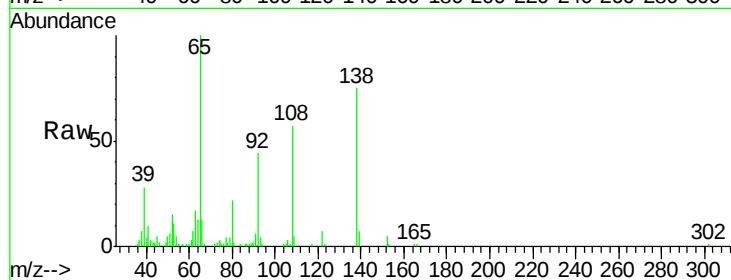
Tgt Ion:138 Resp: 61224

Ion Ratio Lower Upper

138 100

92 58.6 33.7 73.7

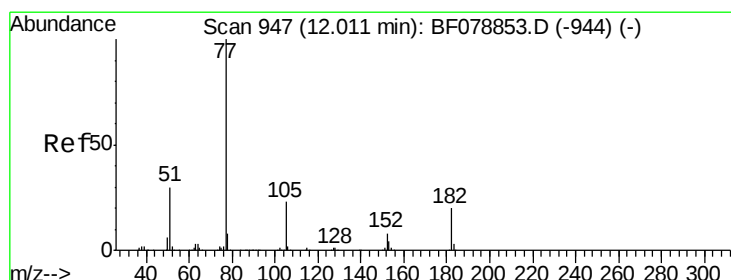
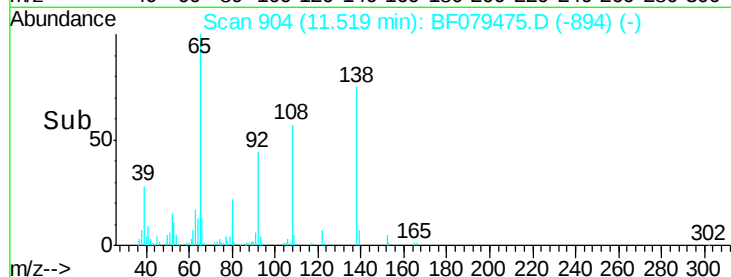
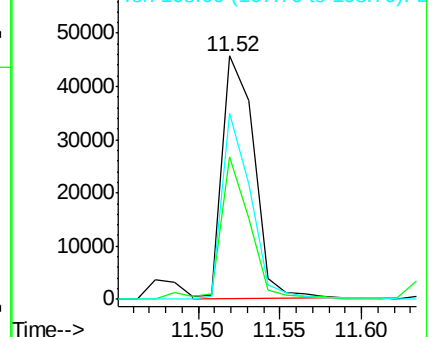
108 76.6 53.4 93.4



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: 38.63 ng

RT: 11.68 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Tgt Ion: 77 Resp: 366745

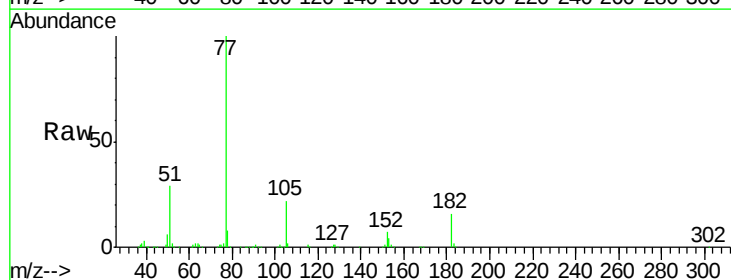
Ion Ratio Lower Upper

77 100

182 16.5 0.0 40.0

105 21.9 2.9 42.9

51 29.4 10.0 50.0

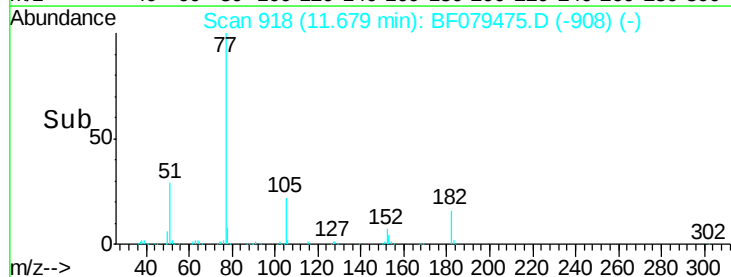
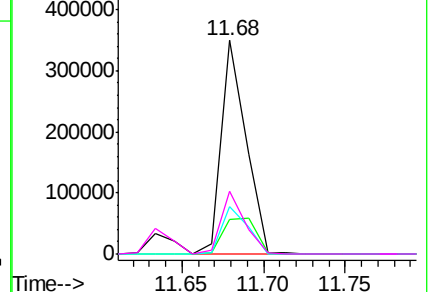


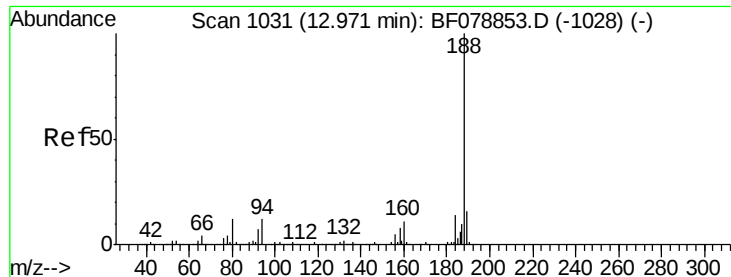
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

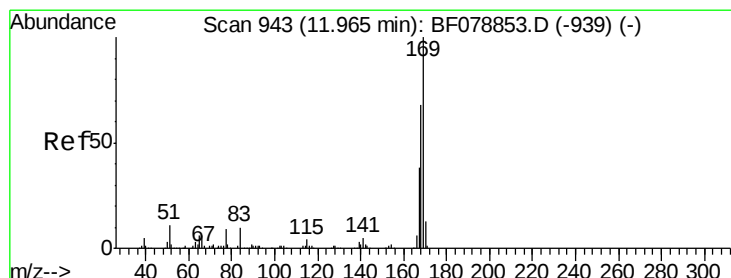
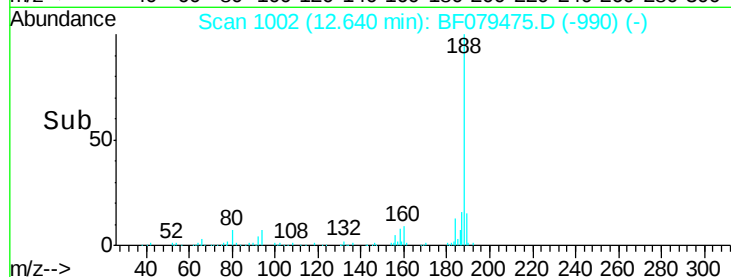
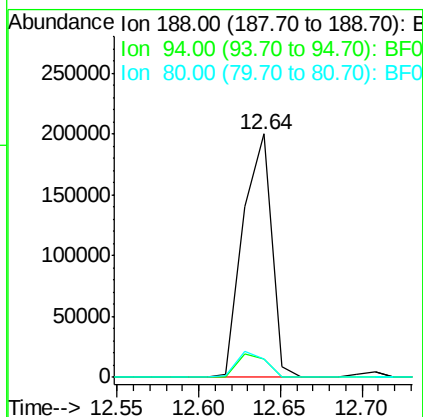
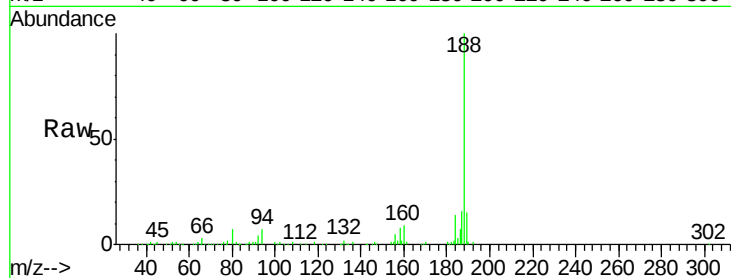




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.64 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

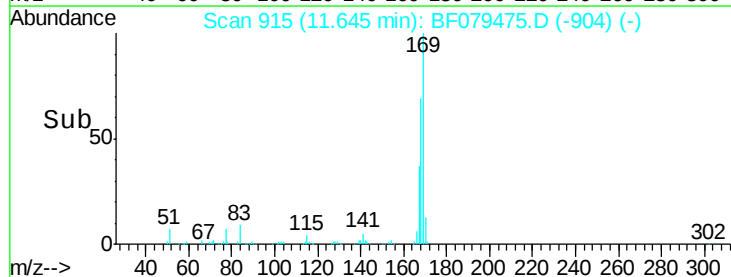
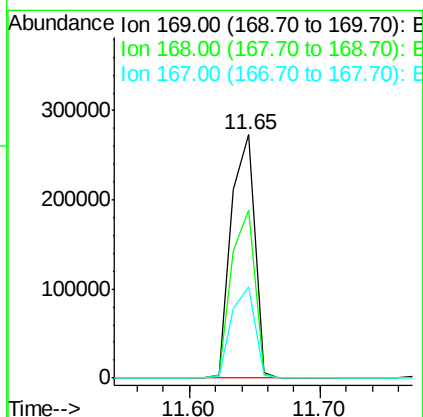
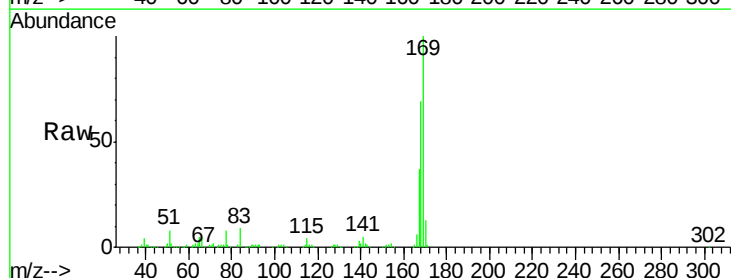
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

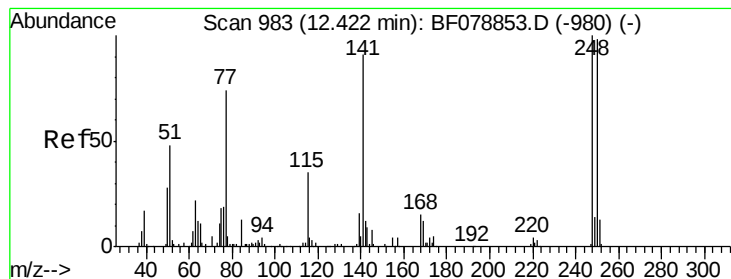
Tgt Ion:188 Resp: 242232  
Ion Ratio Lower Upper  
188 100  
94 7.4 9.4 14.0#  
80 7.4 9.8 14.6#



#65  
n-Nitrosodiphenylamine  
Concen: 42.22 ng  
RT: 11.65 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion:169 Resp: 340583  
Ion Ratio Lower Upper  
169 100  
168 69.1 54.1 81.1  
167 37.5 30.1 45.1





#66

4-Bromophenyl-phenylether

Concen: 43.10 ng

RT: 12.09 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

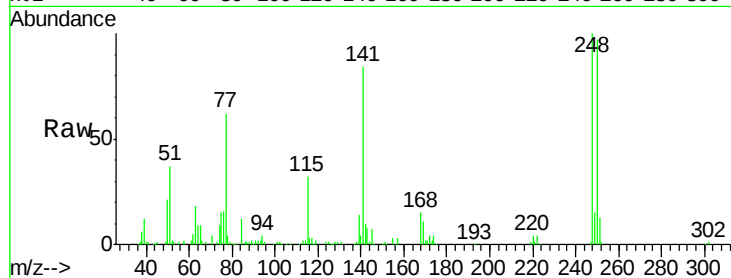
Tgt Ion:248 Resp: 108818

Ion Ratio Lower Upper

248 100

250 97.0 78.0 117.0

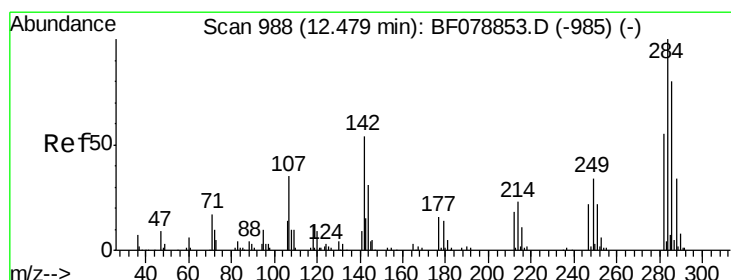
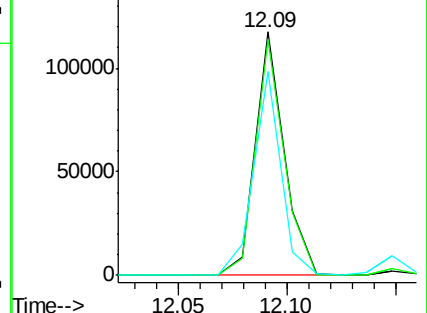
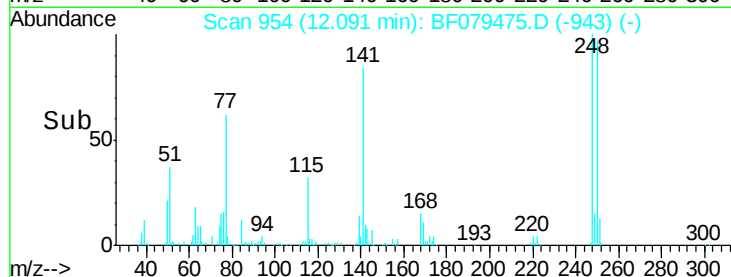
141 83.6 72.6 109.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 42.06 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

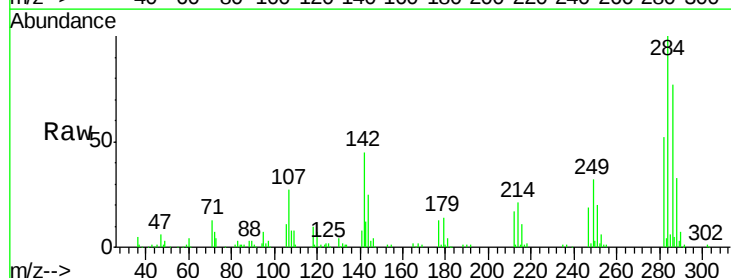
Tgt Ion:284 Resp: 121387

Ion Ratio Lower Upper

284 100

142 44.7 43.2 64.8

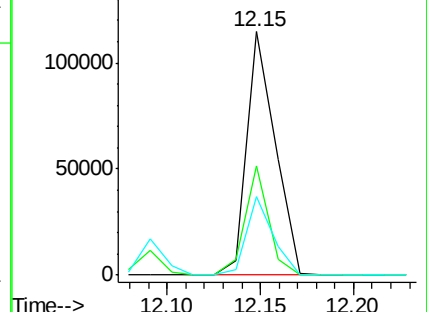
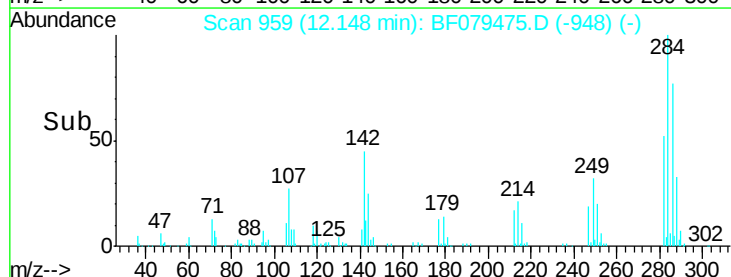
249 32.5 27.5 41.3

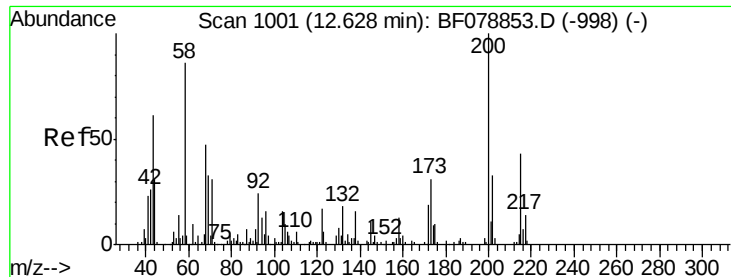


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

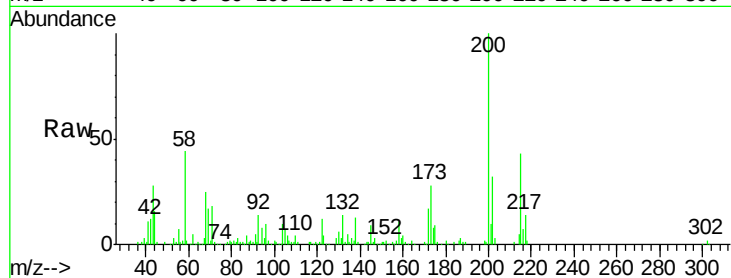




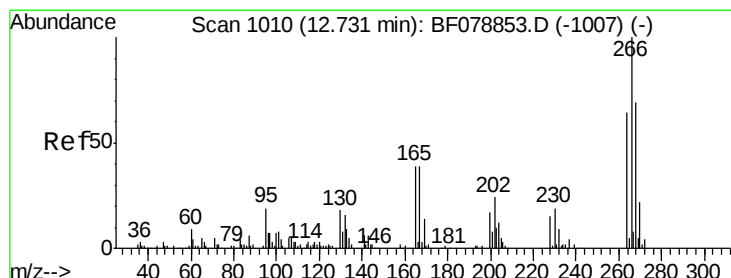
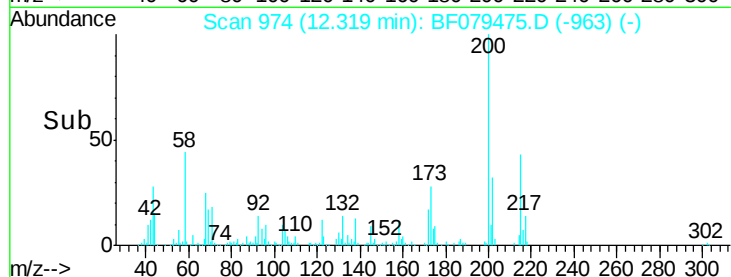
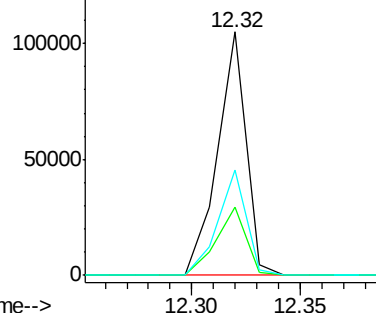
#68  
 Atrazine  
 Concen: 40.72 ng  
 RT: 12.32 min Scan# 974  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:200 Resp: 95524  
 Ion Ratio Lower Upper  
 200 100  
 173 28.1 10.9 50.9  
 215 43.1 23.2 63.2

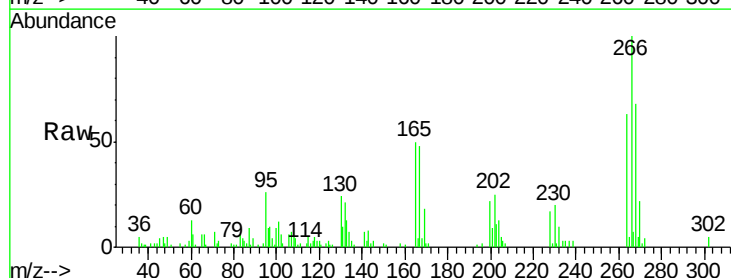


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

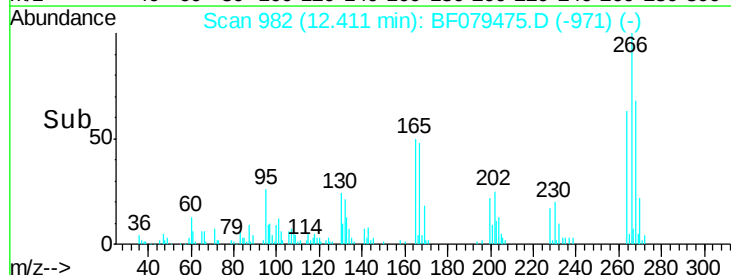
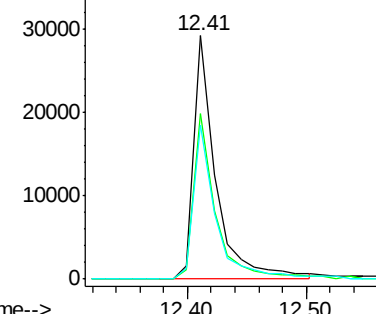


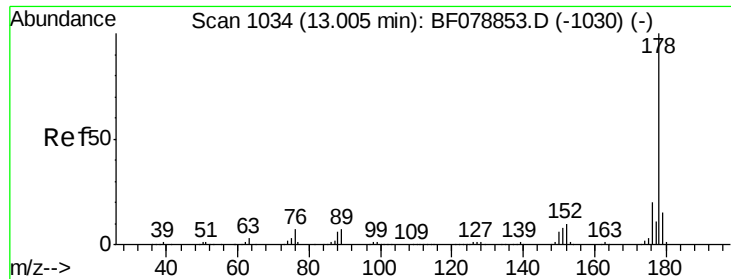
#69  
 Pentachlorophenol  
 Concen: 27.05 ng  
 RT: 12.41 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Tgt Ion:266 Resp: 37309  
 Ion Ratio Lower Upper  
 266 100  
 268 68.1 55.0 82.6  
 264 63.0 50.9 76.3



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

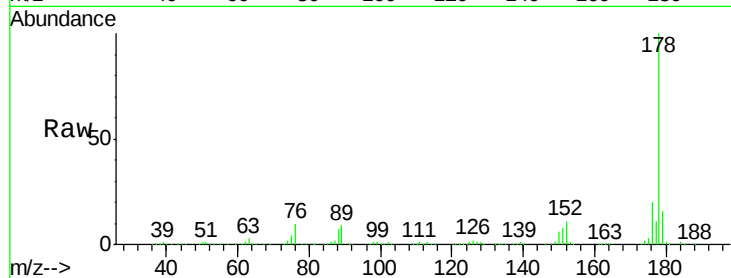




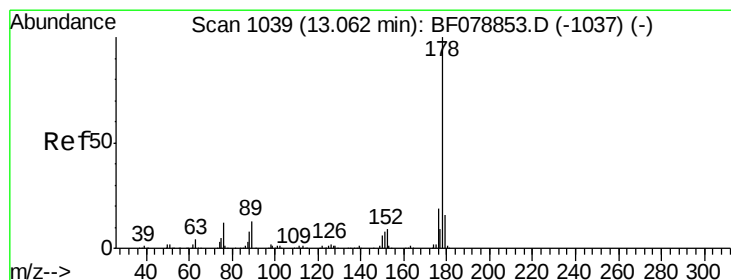
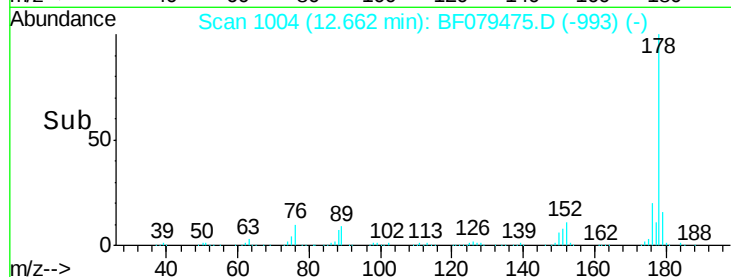
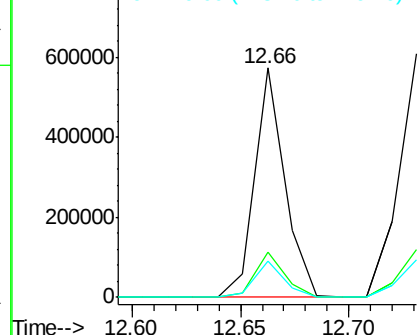
#70  
Phenanthrene  
Concen: 40.60 ng  
RT: 12.66 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:178 Resp: 550227  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 16.0 12.2 18.4

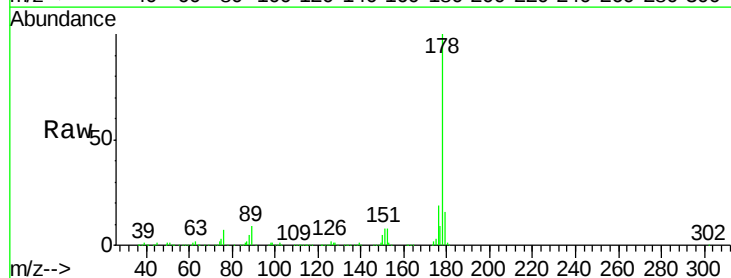


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

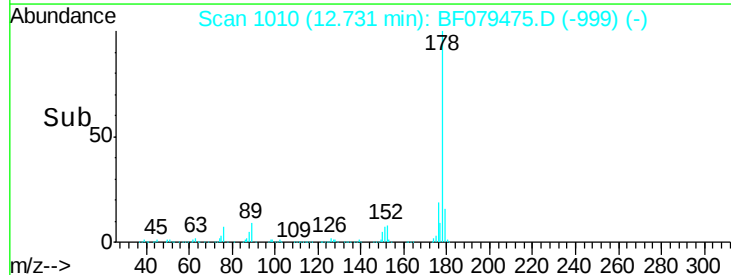
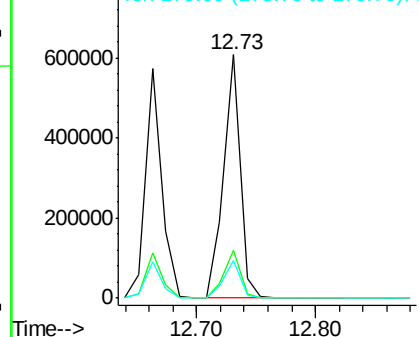


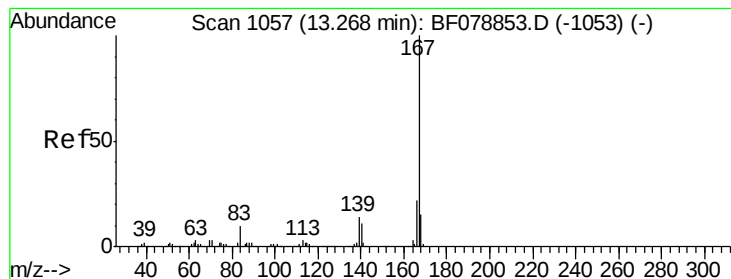
#71  
Anthracene  
Concen: 44.07 ng  
RT: 12.73 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion:178 Resp: 585870  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.3 22.9  
179 15.6 12.6 19.0



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





#72

Carbazole

Concen: 43.47 ng

RT: 12.95 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

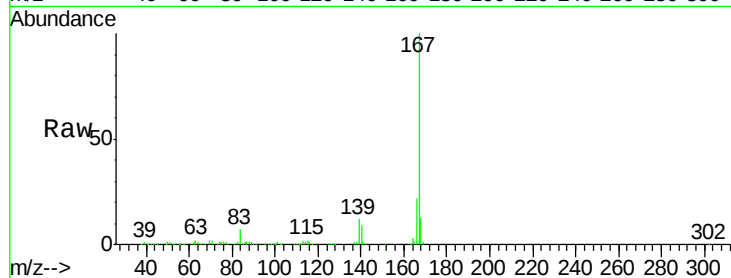
Tgt Ion:167 Resp: 550759

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

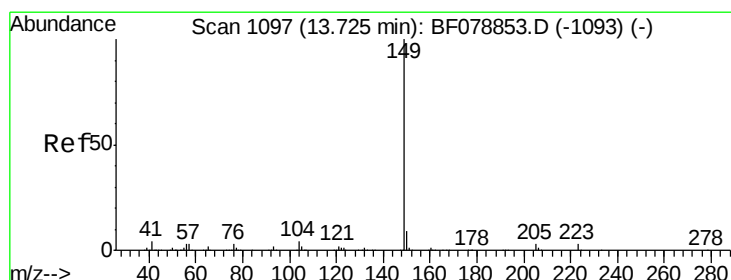
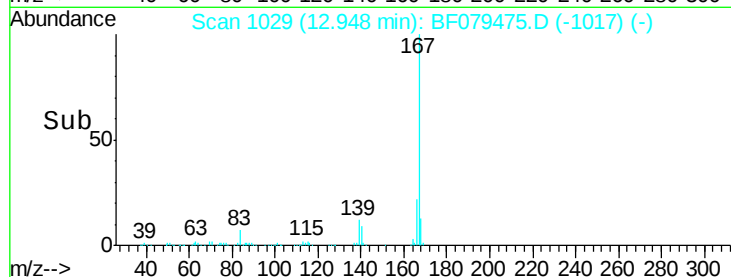
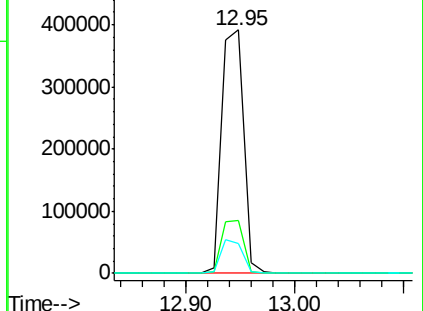
139 12.2 11.0 16.4



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: 43.25 ng

RT: 13.39 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

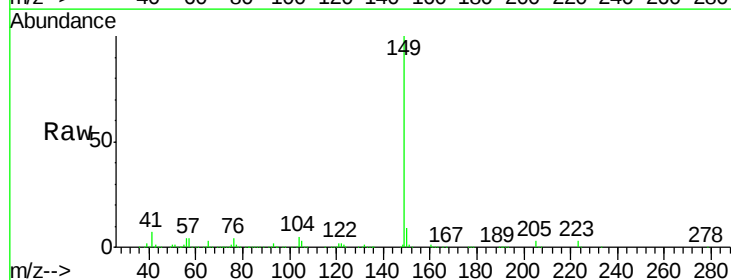
Tgt Ion:149 Resp: 657308

Ion Ratio Lower Upper

149 100

150 9.5 7.0 10.4

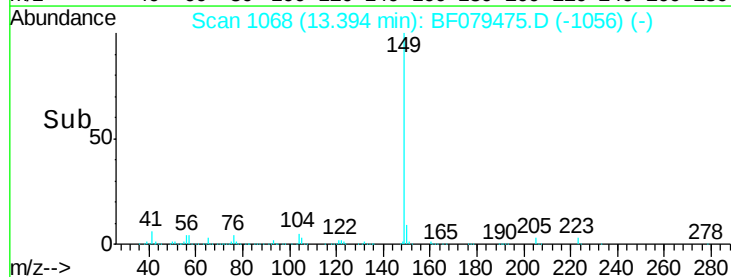
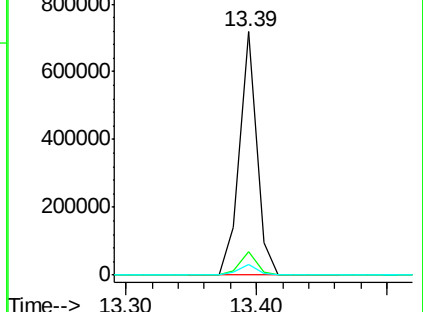
104 4.6 3.3 4.9

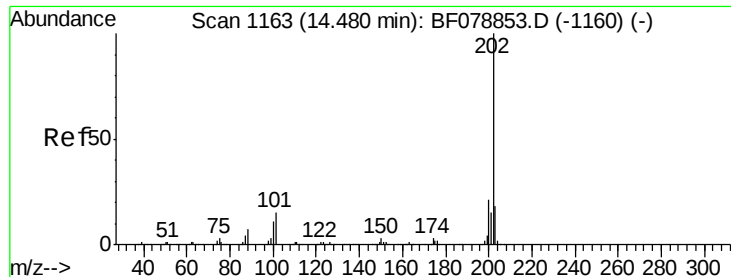


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.26 ng

RT: 14.14 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

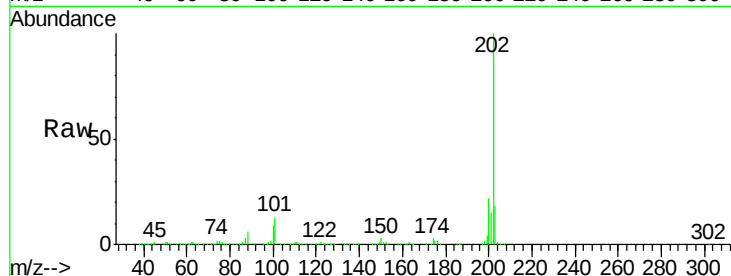
Tgt Ion:202 Resp: 610872

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.7

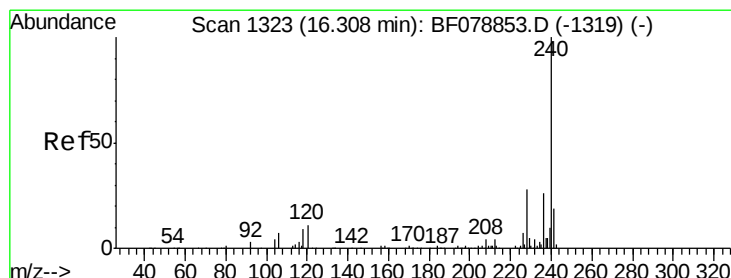
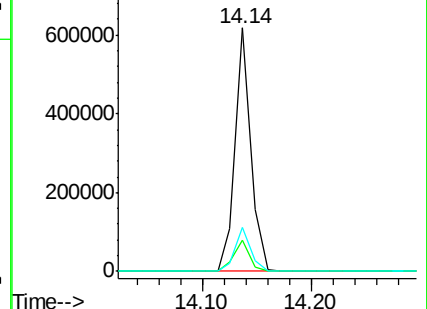
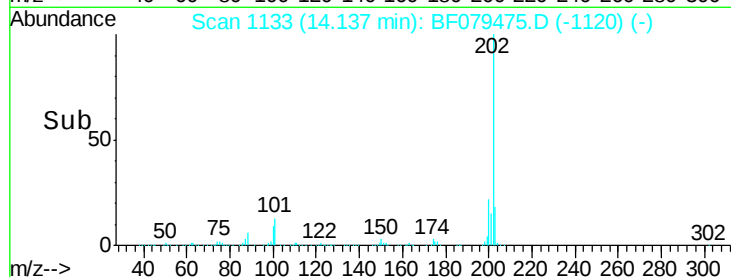
203 17.9 0.0 37.9



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: 15.92 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

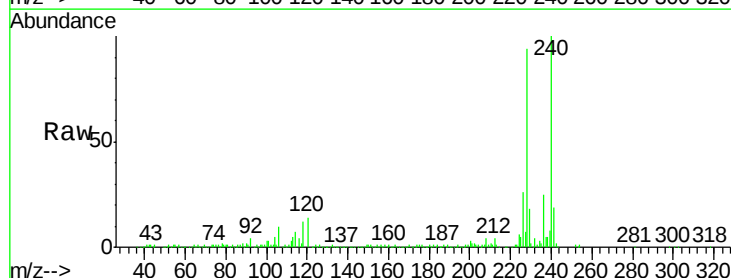
Tgt Ion:240 Resp: 250851

Ion Ratio Lower Upper

240 100

120 13.6 8.6 12.8#

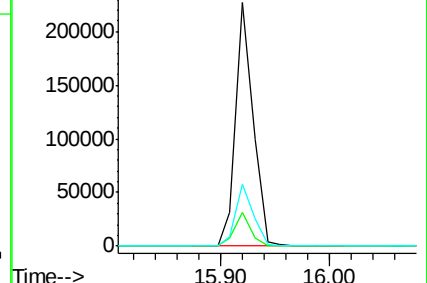
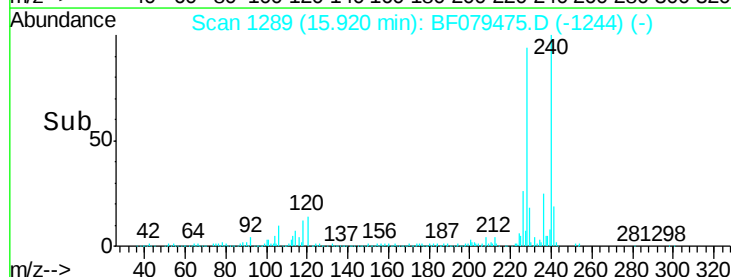
236 25.2 21.0 31.6

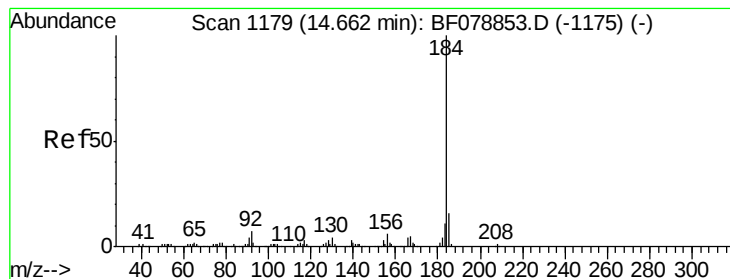


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 34.23 ng

RT: 14.33 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

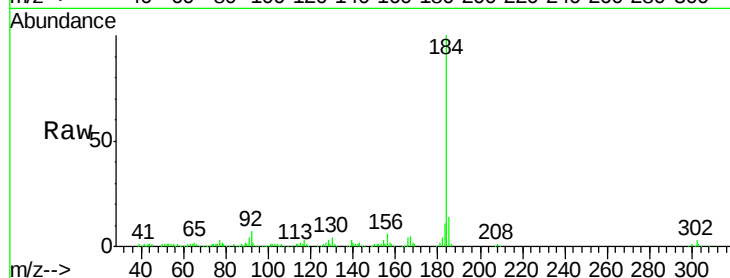
Tgt Ion:184 Resp: 231402

Ion Ratio Lower Upper

184 100

185 13.7 12.8 19.2

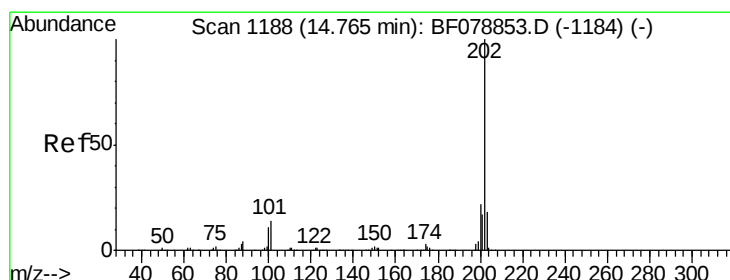
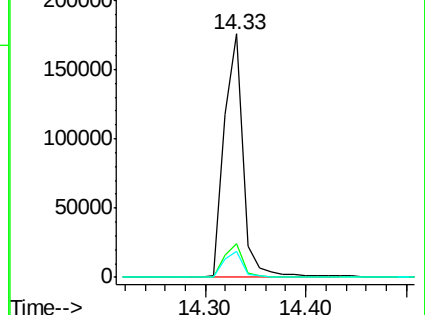
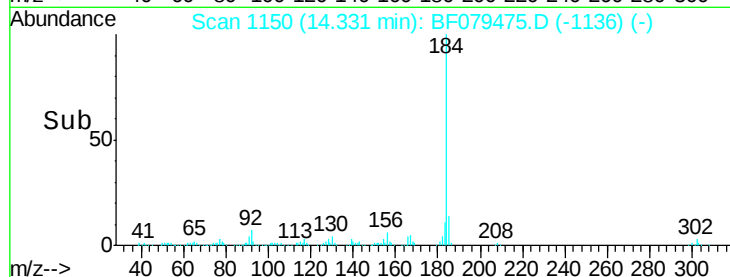
183 10.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 43.55 ng

RT: 14.41 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

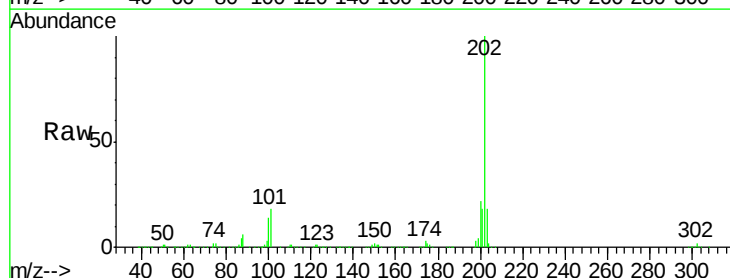
Tgt Ion:202 Resp: 629575

Ion Ratio Lower Upper

202 100

200 22.1 17.5 26.3

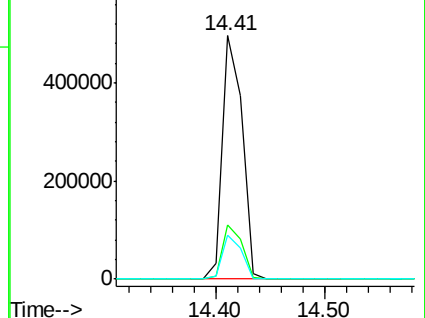
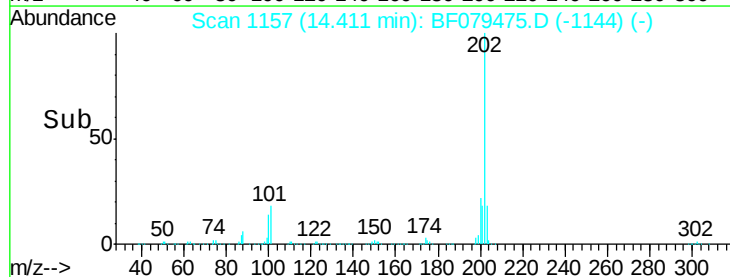
203 18.1 14.7 22.1

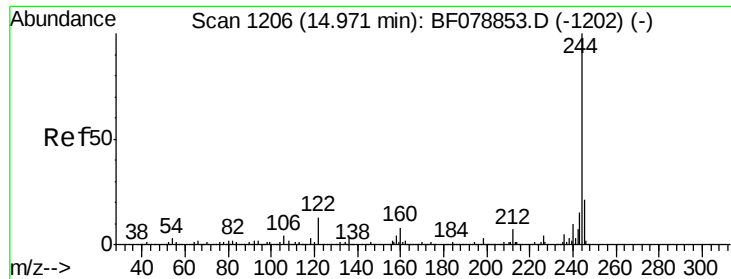


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

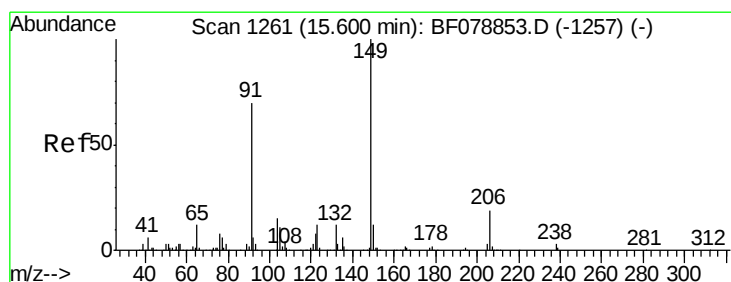
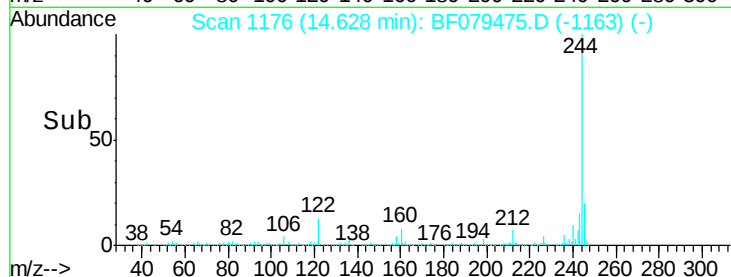
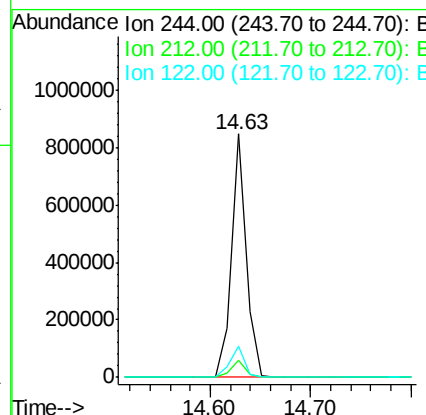
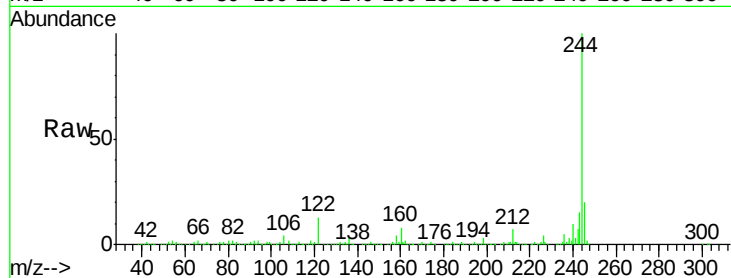




#78  
 Terphenyl-d14  
 Concen: 82.30 ng  
 RT: 14.63 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

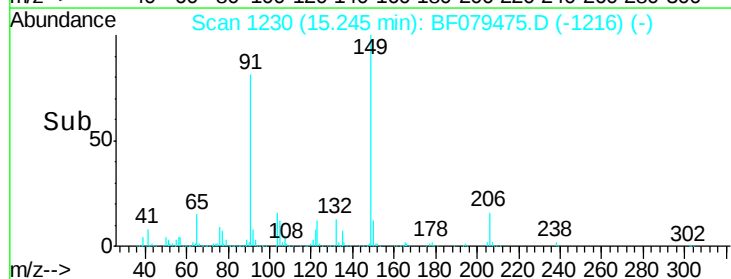
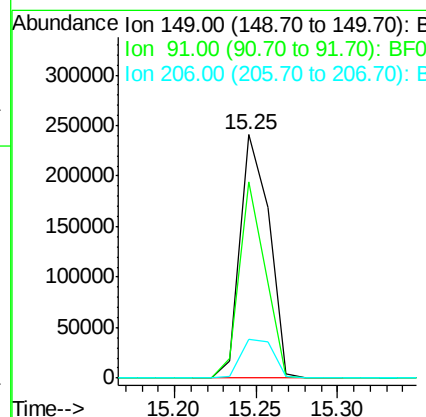
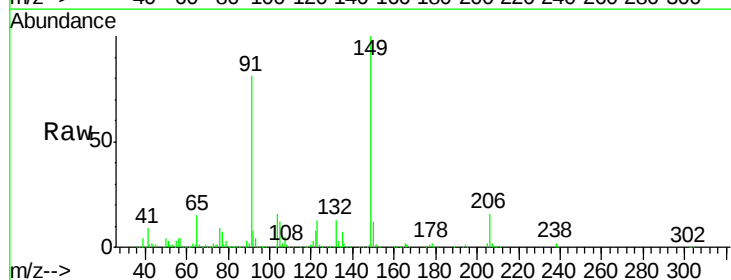
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

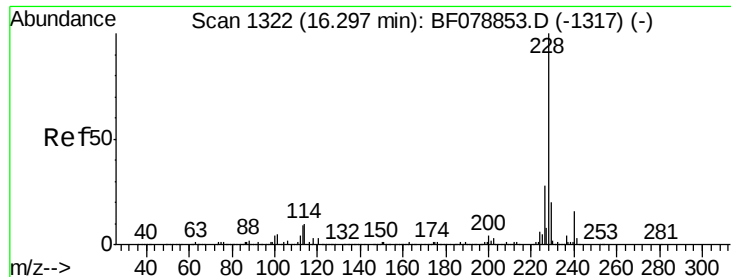
Tgt Ion:244 Resp: 862273  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.6 8.4  
 122 12.6 10.5 15.7



#79  
 Butylbenzylphthalate  
 Concen: 46.88 ng  
 RT: 15.25 min Scan# 1230  
 Delta R.T. 0.00 min  
 Lab File: BF079475.D  
 Acq: 23 May 2015 14:08

Tgt Ion:149 Resp: 296201  
 Ion Ratio Lower Upper  
 149 100  
 91 80.8 56.2 84.2  
 206 15.8 15.2 22.8





#80

Benzo(a)anthracene

Concen: 42.10 ng

RT: 15.91 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

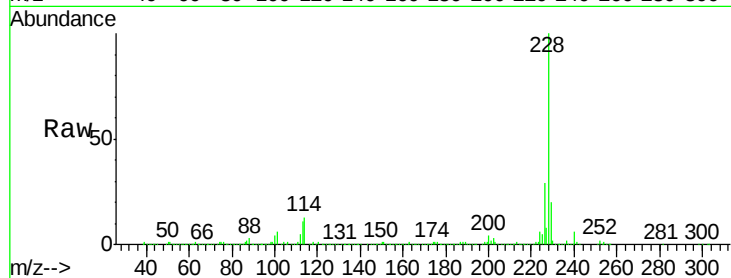
Tgt Ion:228 Resp: 578299

Ion Ratio Lower Upper

228 100

226 28.6 22.3 33.5

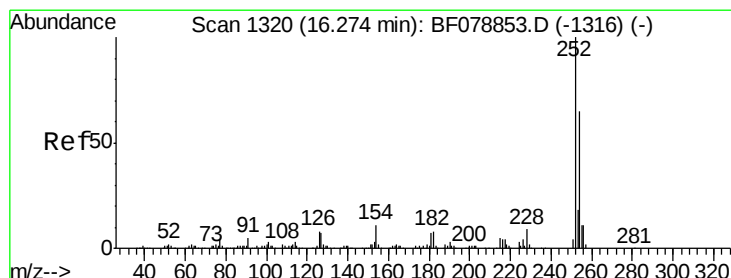
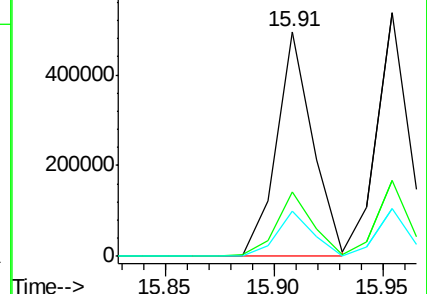
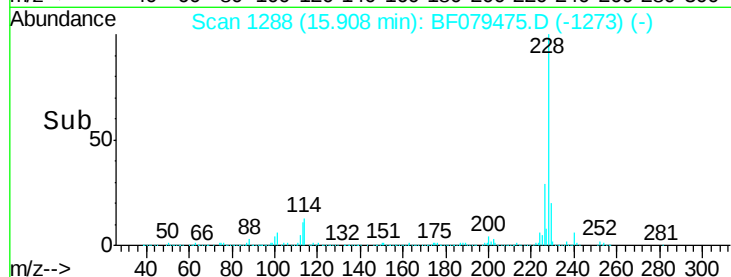
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 43.35 ng

RT: 15.90 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

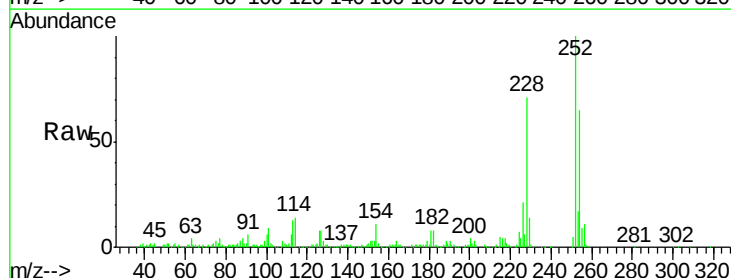
Tgt Ion:252 Resp: 212132

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

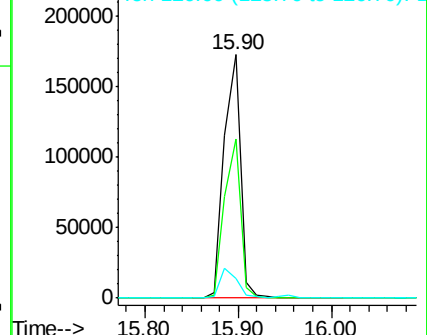
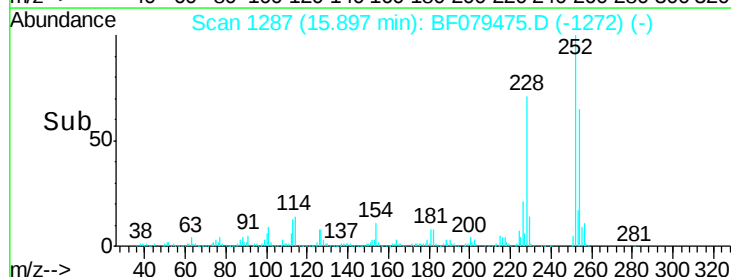
126 8.1 6.6 9.8

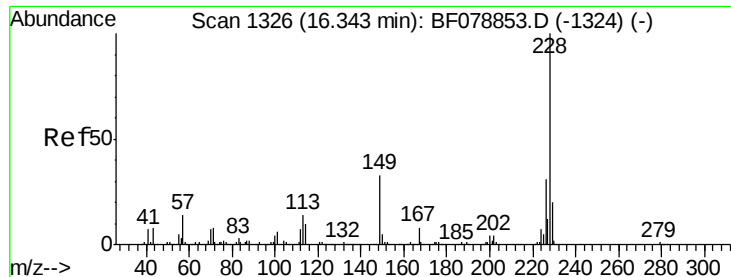


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.64 ng

RT: 15.95 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

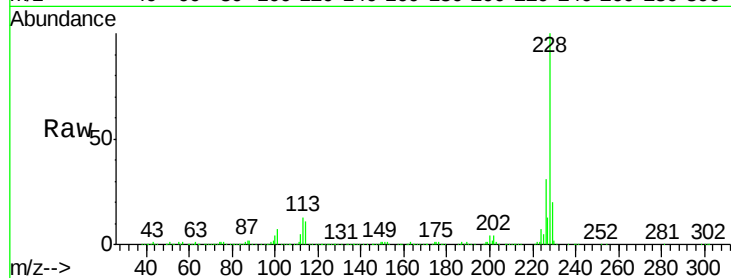
Tgt Ion:228 Resp: 550124

Ion Ratio Lower Upper

228 100

226 31.2 24.8 37.2

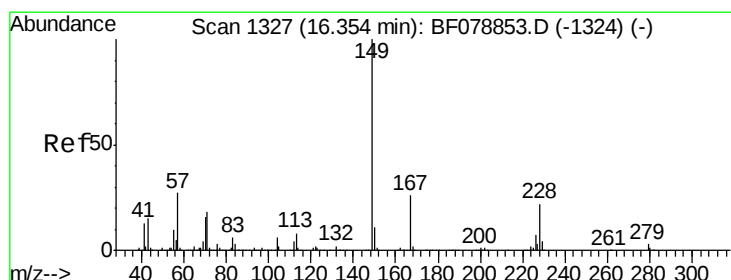
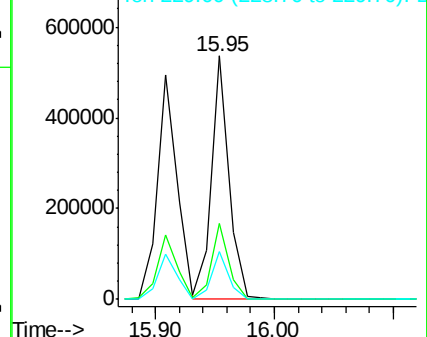
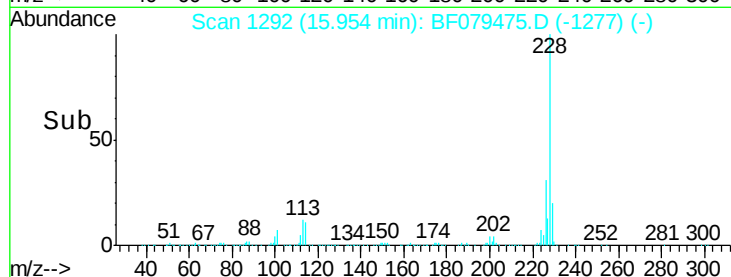
229 19.8 16.1 24.1



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: 44.16 ng

RT: 15.98 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

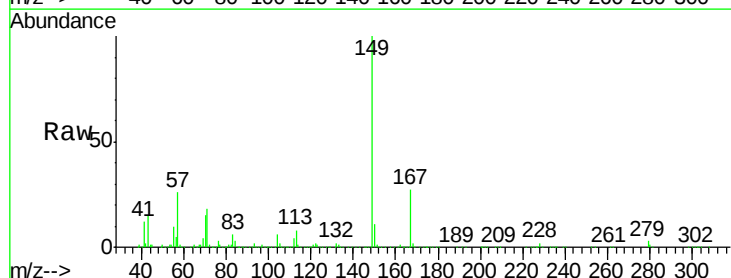
Tgt Ion:149 Resp: 422685

Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

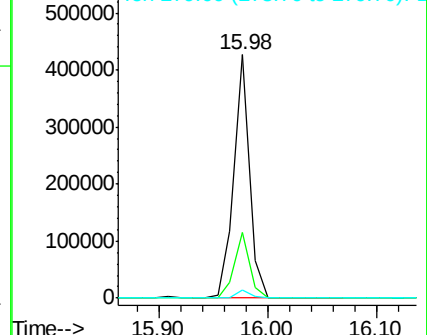
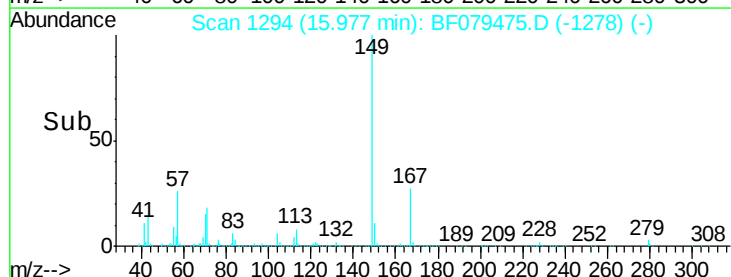
279 3.1 2.6 4.0

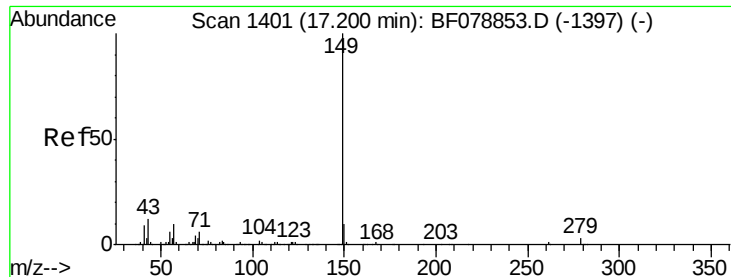


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.14 ng

RT: 16.78 min Scan# 1364

Delta R.T. 0.03 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

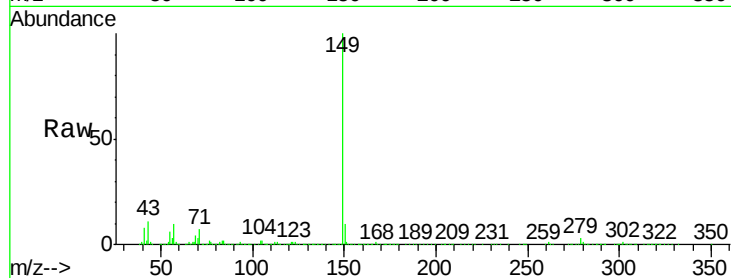
Tgt Ion:149 Resp: 727084

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

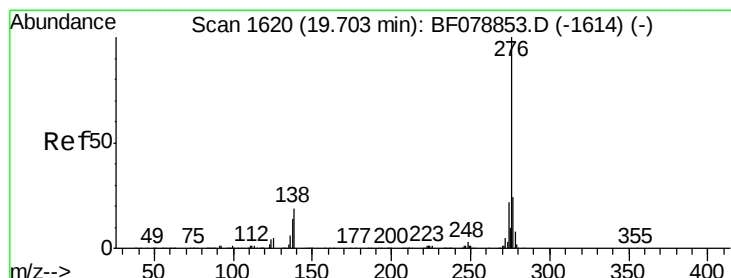
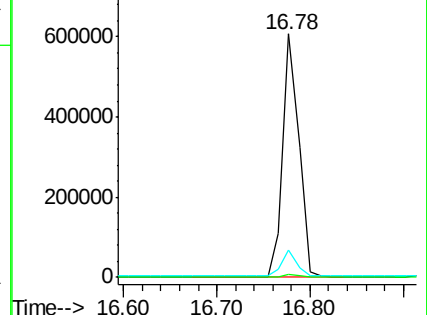
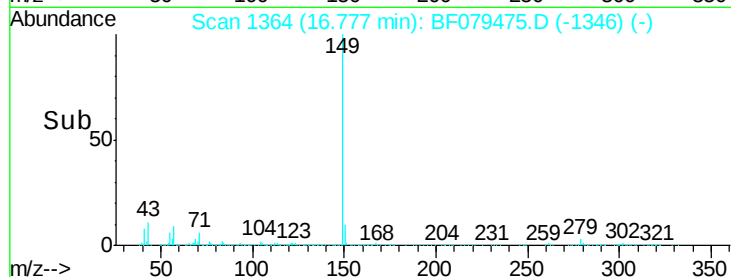
43 9.9 9.0 13.6



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: 39.95 ng

RT: 19.03 min Scan# 1561

Delta R.T. 0.09 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

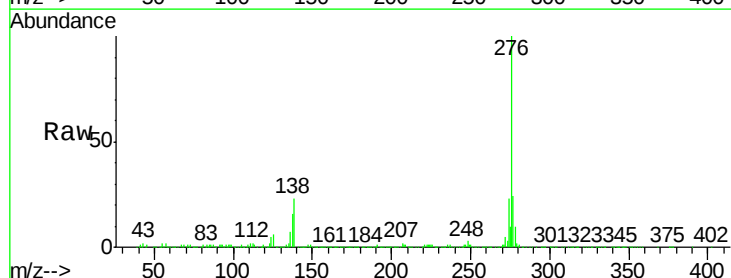
Tgt Ion:276 Resp: 672492

Ion Ratio Lower Upper

276 100

138 26.3 21.1 31.7

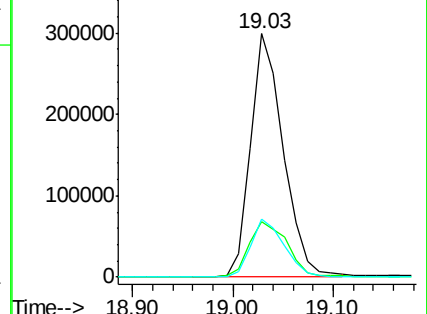
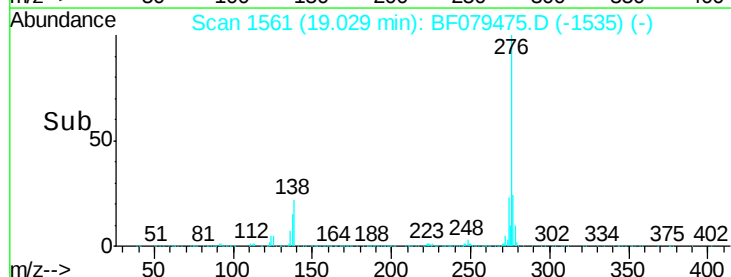
277 24.6 19.9 29.9

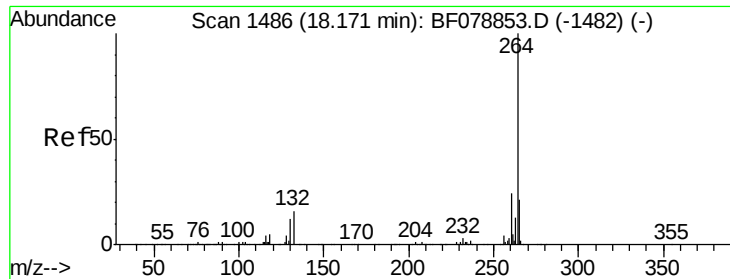


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

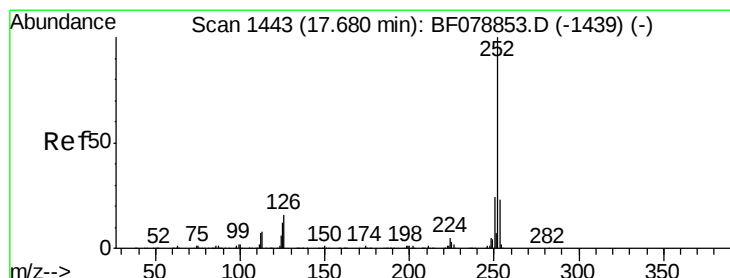
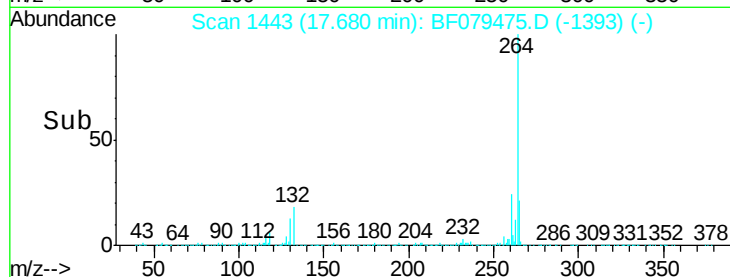
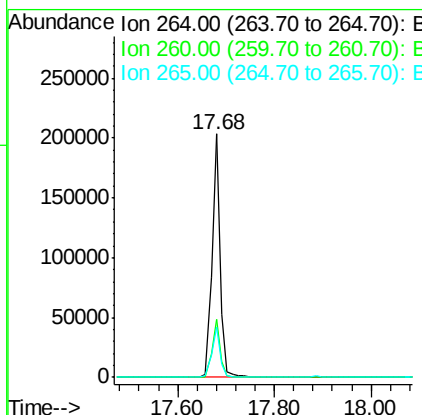
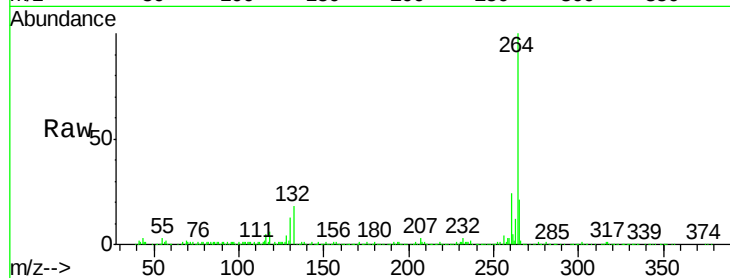




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.68 min Scan# 1443  
Delta R.T. 0.07 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

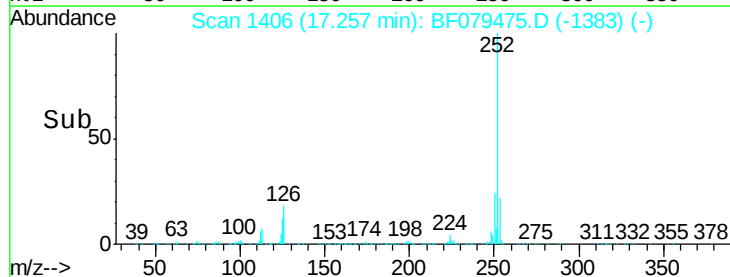
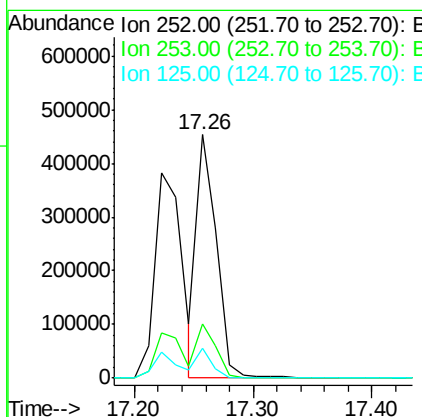
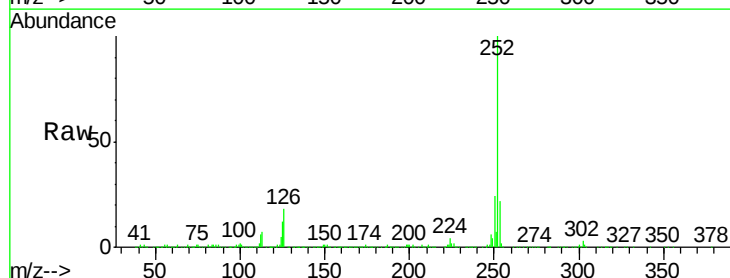
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

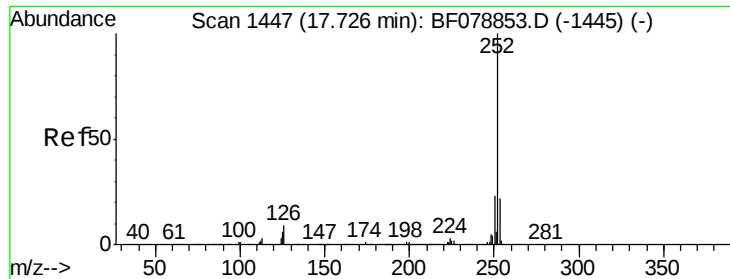
Tgt Ion:264 Resp: 245273  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.2 28.8  
265 20.8 17.2 25.8



#87  
Benzo(b)fluoranthene  
Concen: 39.30 ng  
RT: 17.26 min Scan# 1406  
Delta R.T. 0.08 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion:252 Resp: 527669  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.1 27.1  
125 12.1 9.4 14.2

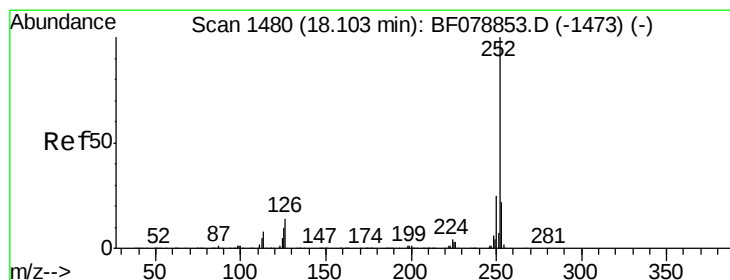
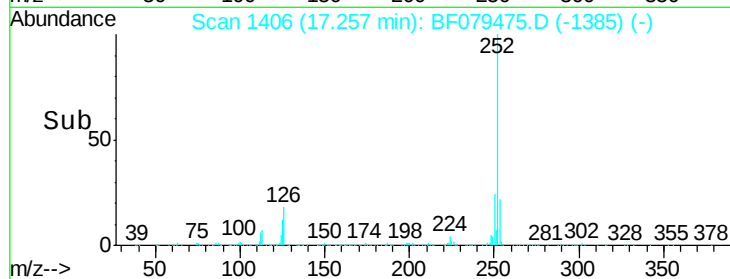
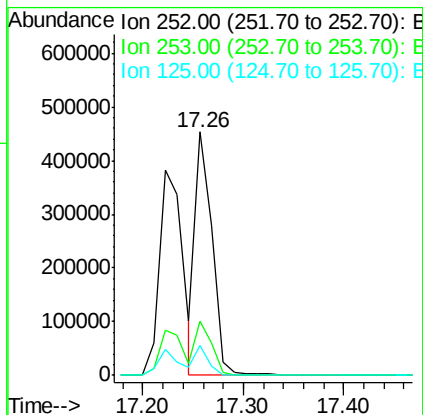
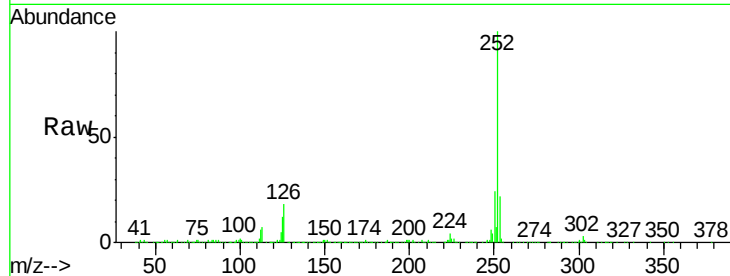




#88  
Benzo(k)fluoranthene  
Concen: 40.75 ng  
RT: 17.26 min Scan# 1406  
Delta R.T. 0.06 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

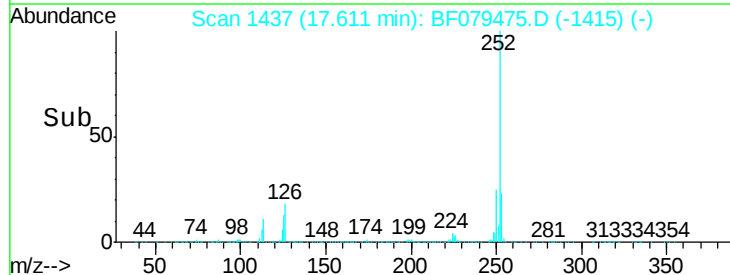
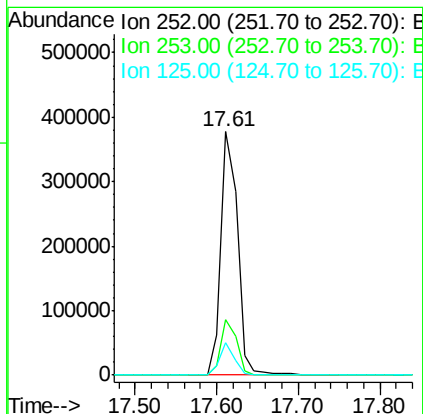
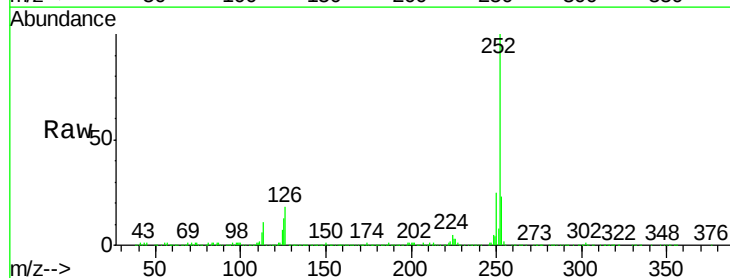
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

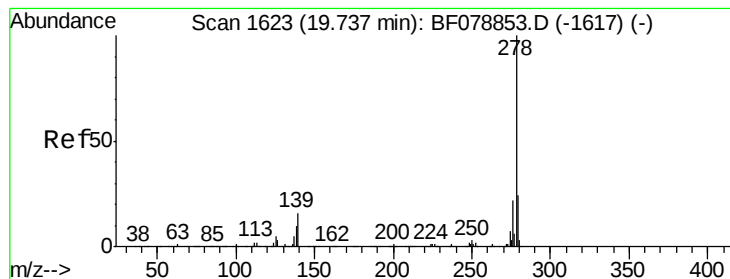
Tgt Ion:252 Resp: 529561  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.0  
125 12.1 6.1 9.1#



#89  
Benzo(a)pyrene  
Concen: 42.69 ng  
RT: 17.61 min Scan# 1437  
Delta R.T. 0.07 min  
Lab File: BF079475.D  
Acq: 23 May 2015 14:08

Tgt Ion:252 Resp: 527698  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.0 27.0  
125 13.3 8.2 12.2#





#90

Dibenzo(a,h)anthracene

Concen: 42.24 ng

RT: 19.05 min Scan# 1563

Delta R.T. 0.09 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

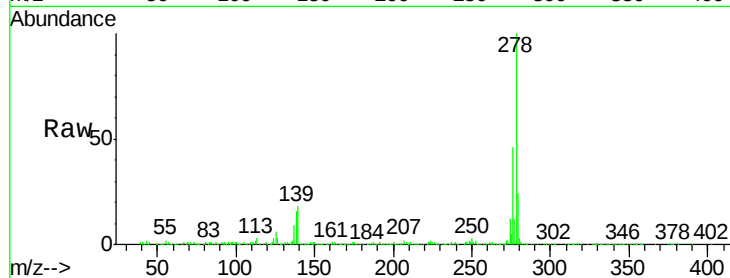
Tgt Ion:278 Resp: 554969

Ion Ratio Lower Upper

278 100

139 18.3 13.1 19.7

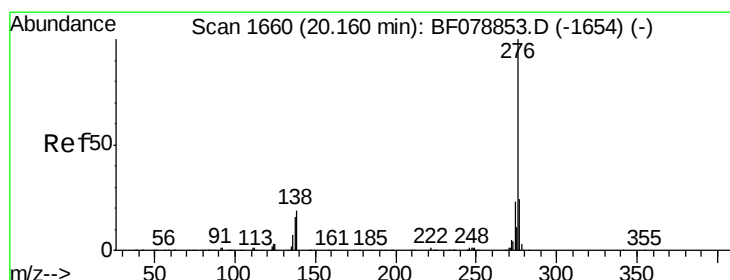
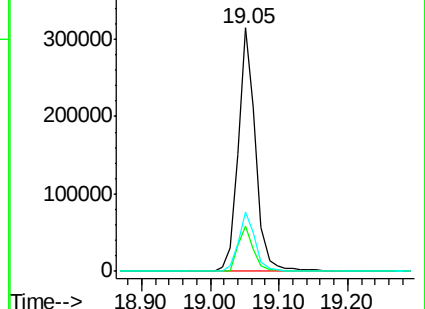
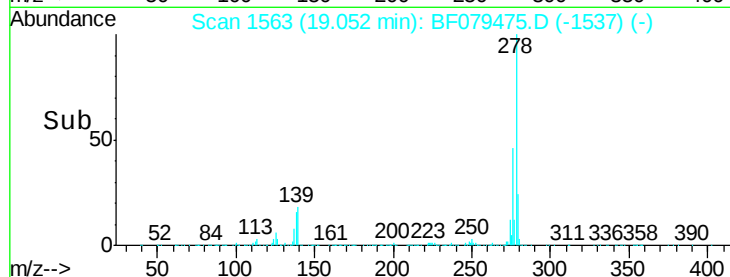
279 24.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.80 ng

RT: 19.43 min Scan# 1596

Delta R.T. 0.10 min

Lab File: BF079475.D

Acq: 23 May 2015 14:08

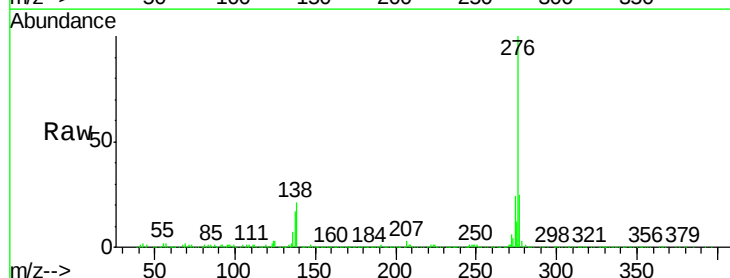
Tgt Ion:276 Resp: 537238

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 21.1 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

