

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
 Data File : BF079315.D  
 Acq On : 18 May 2015 18:36  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: May 19 01:08:42 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 19 00:51:02 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.16  | 152  | 71098    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.74  | 136  | 299867   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.91 | 164  | 154526   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.75 | 188  | 294044   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.06 | 240  | 302123   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 17.84 | 264  | 294468   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 302154 | 73.15 | ng | 0.00  |
| 7) Phenol-d6             | 6.73  | 99  | 407023 | 74.55 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.86  | 82  | 409149 | 78.42 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.90 | 330 | 136115 | 81.42 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 10.09 | 172 | 787855 | 71.03 | ng | 0.00  |
| 78) Terphenyl-d14        | 14.75 | 244 | 961896 | 76.22 | ng | 0.00  |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 6) Aniline                     | 6.75  | 93  | 289462 | 37.56 | ng | # 57   |
| 8) 2-Chlorophenol              | 6.90  | 128 | 179826 | 38.39 | ng | # 81   |
| 9) Benzaldehyde                | 6.62  | 77  | 125329 | 34.08 | ng | 94     |
| 10) Phenol                     | 6.75  | 94  | 247478 | 39.08 | ng | # 48   |
| 11) bis(2-Chloroethyl)ether    | 6.86  | 93  | 173775 | 37.43 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 7.08  | 146 | 196101 | 37.24 | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 7.19  | 146 | 208762 | 38.53 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.37  | 146 | 195021 | 38.66 | ng | 99     |
| 15) Benzyl Alcohol             | 7.35  | 79  | 142504 | 35.16 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.53  | 45  | 256781 | 36.15 | ng | 98     |
| 17) 2-Methylphenol             | 7.50  | 107 | 140672 | 37.32 | ng | # 94   |
| 18) Hexachloroethane           | 7.78  | 117 | 71078  | 38.08 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.69  | 70  | 144061 | 39.07 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.69  | 107 | 198353 | 39.49 | ng | # 48   |
| 22) Acetophenone               | 7.68  | 105 | 264509 | 39.04 | ng | # 86   |
| 24) Nitrobenzene               | 7.88  | 77  | 199763 | 38.63 | ng | # 85   |
| 25) Isophorone                 | 8.18  | 82  | 370537 | 38.31 | ng | 94     |
| 26) 2-Nitrophenol              | 8.27  | 139 | 92564  | 43.24 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 8.34  | 122 | 163764 | 38.23 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 8.47  | 93  | 234381 | 39.31 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.57  | 162 | 152081 | 39.93 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.67  | 180 | 156652 | 37.44 | ng | 99     |
| 31) Naphthalene                | 8.76  | 128 | 537949 | 37.65 | ng | 100    |
| 32) Benzoic acid               | 8.47  | 122 | 84531  | 33.67 | ng | 97     |
| 33) 4-Chloroaniline            | 8.84  | 127 | 240012 | 39.70 | ng | 94     |
| 34) Hexachlorobutadiene        | 8.92  | 225 | 89659  | 37.21 | ng | 99     |
| 35) Caprolactam                | 9.28  | 113 | 50734  | 41.19 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 9.46  | 107 | 166606 | 41.64 | ng | 97     |
| 37) 2-Methylnaphthalene        | 9.63  | 142 | 380876 | 38.47 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.84  | 216 | 158091 | 36.33 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.82  | 237 | 58015  | 26.51 | ng | 96     |
| 42) 2,4,6-Trichlorophenol      | 9.99  | 196 | 112807 | 37.70 | ng | 99     |
| 43) 2,4,5-Trichlorophenol      | 10.03 | 196 | 111837 | 36.97 | ng | 98     |
| 45) 1,1'-Biphenyl              | 10.22 | 154 | 440158 | 35.83 | ng | 100    |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

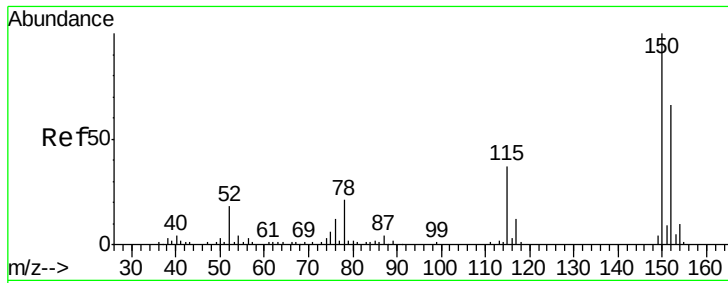
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: May 19 01:08:42 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 19 00:51:02 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 46) 2-Chloronaphthalene        | 10.23 | 162  | 337519   | 35.22 | ng    | 97       |
| 47) 2-Nitroaniline             | 10.36 | 65   | 111634   | 40.21 | ng #  | 78       |
| 48) Acenaphthylene             | 10.74 | 152  | 596029   | 37.88 | ng    | 99       |
| 49) Dimethylphthalate          | 10.60 | 163  | 439458   | 38.75 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.67 | 165  | 86231    | 38.53 | ng #  | 57       |
| 51) Acenaphthene               | 10.96 | 154  | 343551   | 36.62 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.88 | 138  | 121122   | 43.32 | ng #  | 79       |
| 53) 2,4-Dinitrophenol          | 11.02 | 184  | 31641    | 46.85 | ng #  | 57       |
| 54) Dibenzofuran               | 11.18 | 168  | 501255   | 36.99 | ng    | 95       |
| 55) 4-Nitrophenol              | 11.10 | 139  | 81207    | 36.70 | ng #  | 80       |
| 56) 2,4-Dinitrotoluene         | 11.18 | 165  | 121827   | 41.17 | ng    | 96       |
| 57) Fluorene                   | 11.60 | 166  | 420992   | 37.85 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.33 | 232  | 93298    | 37.74 | ng    | 99       |
| 59) Diethylphthalate           | 11.47 | 149  | 420900   | 37.46 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.61 | 204  | 181614   | 36.80 | ng #  | 86       |
| 61) 4-Nitroaniline             | 11.63 | 138  | 118982   | 42.54 | ng    | 95       |
| 62) Azobenzene                 | 11.81 | 77   | 415287   | 37.51 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 11.68 | 198  | 54887    | 45.67 | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 11.76 | 169  | 374435   | 38.24 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.22 | 248  | 114382   | 37.32 | ng #  | 78       |
| 67) Hexachlorobenzene          | 12.27 | 284  | 133407   | 38.08 | ng #  | 70       |
| 68) Atrazine                   | 12.43 | 200  | 112434   | 39.48 | ng    | 95       |
| 69) Pentachlorophenol          | 12.53 | 266  | 65588    | 36.11 | ng    | 98       |
| 70) Phenanthrene               | 12.79 | 178  | 622284   | 37.83 | ng    | 100      |
| 71) Anthracene                 | 12.85 | 178  | 619404   | 38.38 | ng    | 100      |
| 72) Carbazole                  | 13.06 | 167  | 605114   | 39.34 | ng    | 98       |
| 73) Di-n-butylphthalate        | 13.51 | 149  | 718629   | 38.96 | ng #  | 98       |
| 74) Fluoranthene               | 14.26 | 202  | 670545   | 39.12 | ng    | 96       |
| 76) Benzidine                  | 14.45 | 184  | 360204   | 44.24 | ng    | 98       |
| 77) Pyrene                     | 14.54 | 202  | 678685   | 38.98 | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.37 | 149  | 327690   | 43.06 | ng    | 97       |
| 80) Benzo(a)anthracene         | 16.05 | 228  | 643897   | 38.92 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.02 | 252  | 240630   | 40.83 | ng    | 98       |
| 82) Chrysene                   | 16.09 | 228  | 603096   | 37.90 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.10 | 149  | 464633   | 40.31 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 16.93 | 149  | 804122   | 39.61 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.26 | 276  | 757114   | 37.34 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 17.38 | 252  | 614086   | 38.10 | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 17.42 | 252  | 623283   | 39.95 | ng    | 98       |
| 89) Benzo(a)pyrene             | 17.78 | 252  | 596196   | 40.17 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.28 | 278  | 616348   | 39.08 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.67 | 276  | 610844   | 38.64 | ng    | 96       |

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

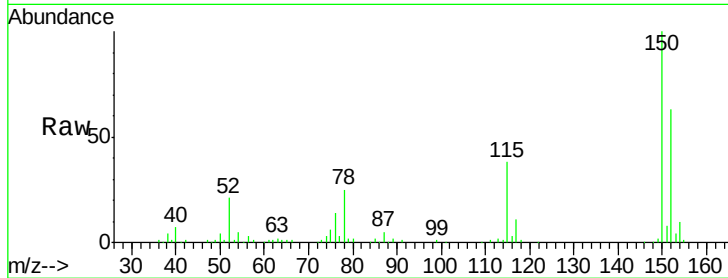




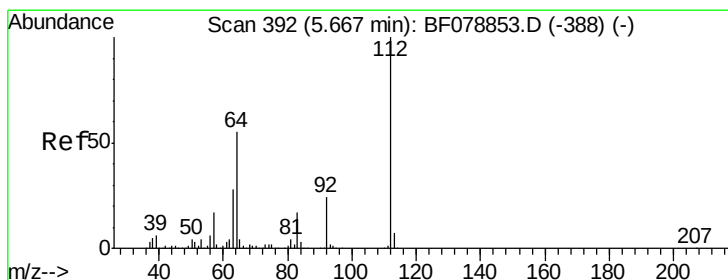
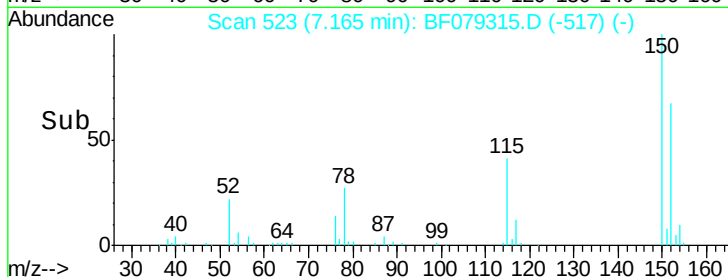
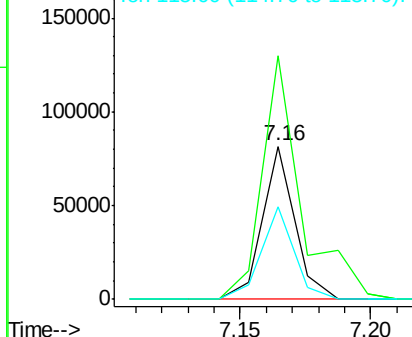
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.16 min Scan# 523  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:152 Resp: 71098  
 Ion Ratio Lower Upper  
 152 100  
 150 158.9 123.8 185.8  
 115 60.7 49.4 74.0

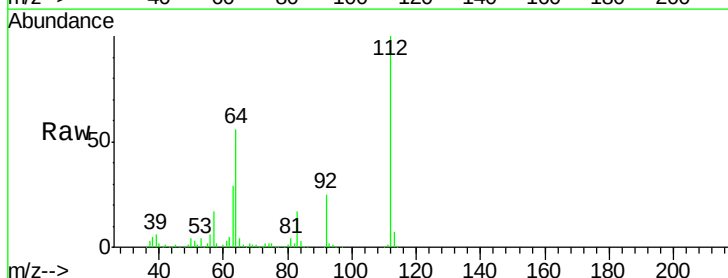


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

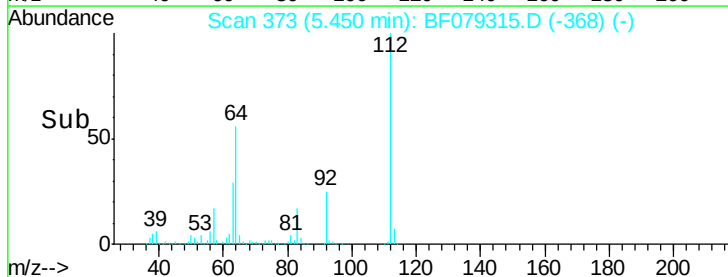
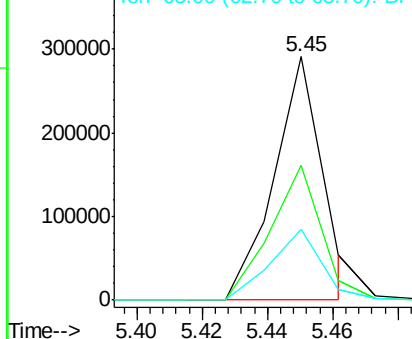


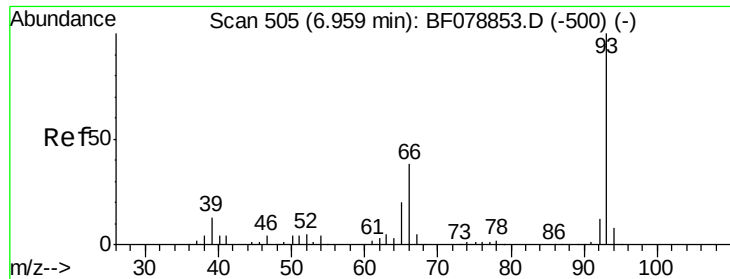
#5  
 2-Fluorophenol  
 Concen: 73.15 ng  
 RT: 5.45 min Scan# 373  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:112 Resp: 302154  
 Ion Ratio Lower Upper  
 112 100  
 64 55.6 44.2 66.2  
 63 28.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF0  
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 37.56 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

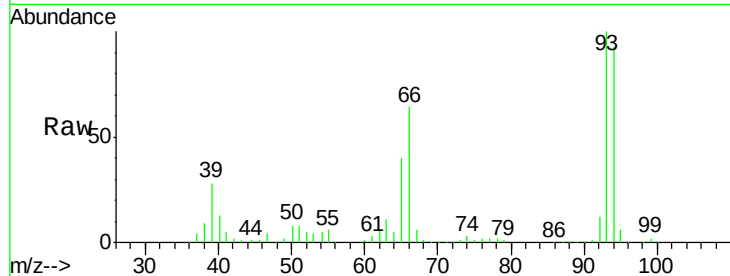
Tgt Ion: 93 Resp: 289462

Ion Ratio Lower Upper

93 100

66 64.0 30.7 46.1#

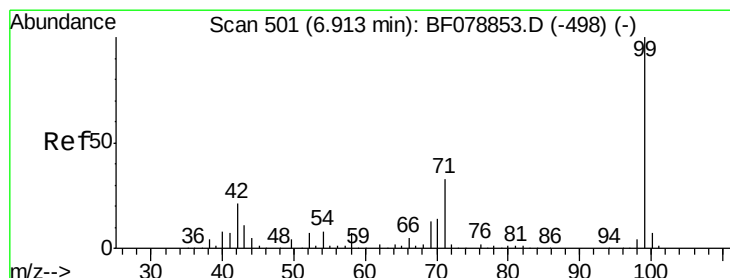
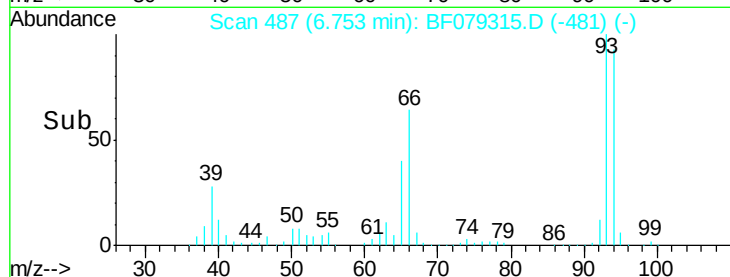
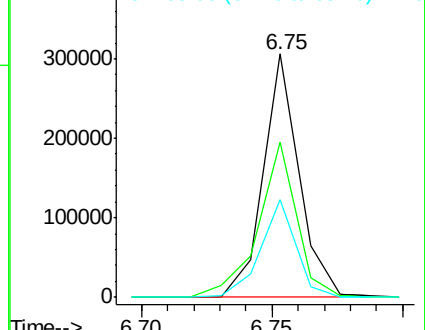
65 40.3 15.8 23.8#



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: 74.55 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

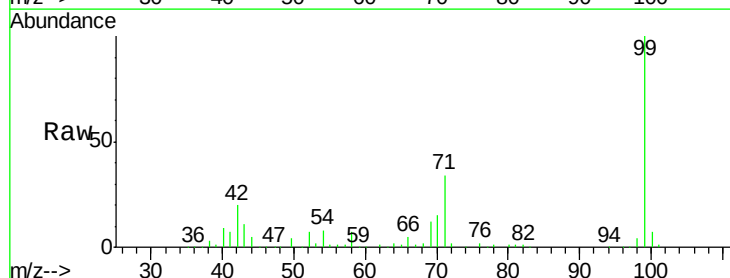
Tgt Ion: 99 Resp: 407023

Ion Ratio Lower Upper

99 100

42 20.2 17.1 25.7

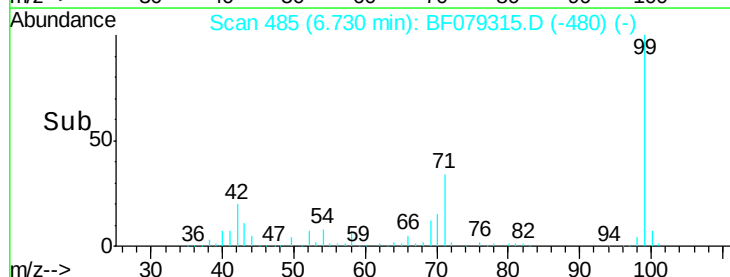
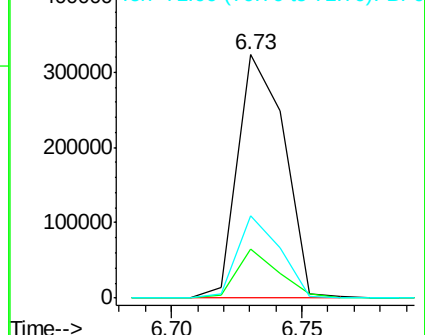
71 33.7 26.3 39.5

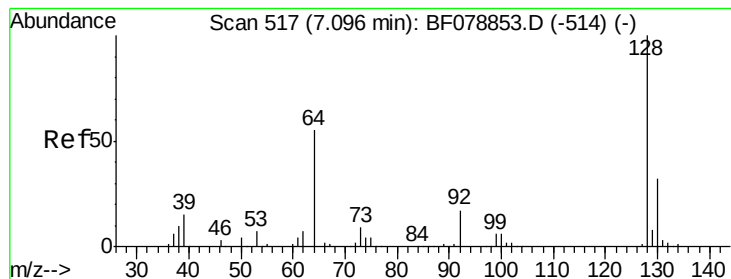


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 38.39 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

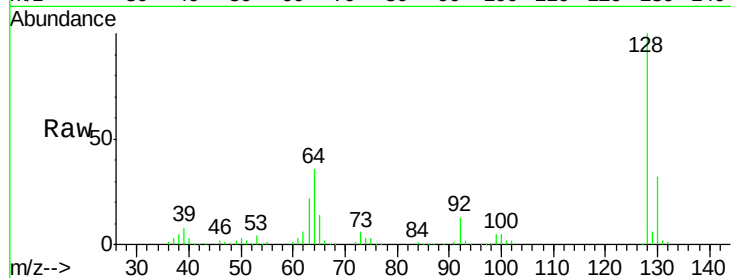
Tgt Ion:128 Resp: 179826

Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

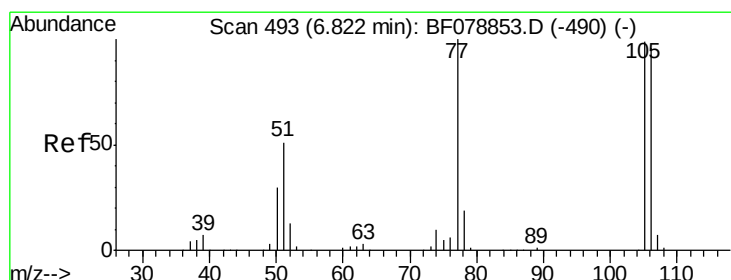
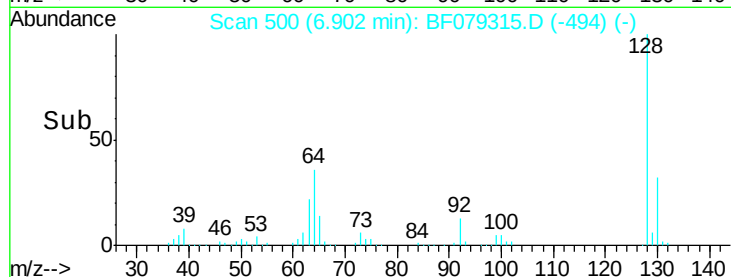
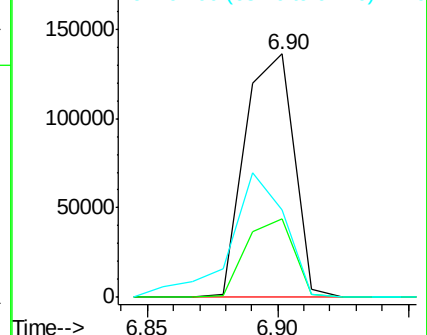
64 36.1 37.8 77.8#



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: 34.08 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

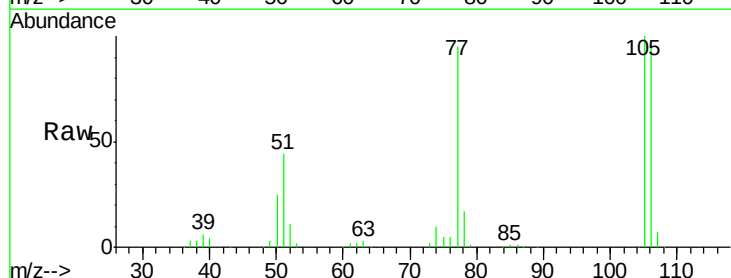
Tgt Ion: 77 Resp: 125329

Ion Ratio Lower Upper

77 100

105 105.1 78.9 118.9

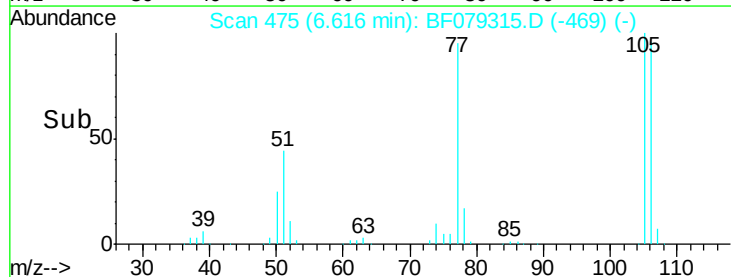
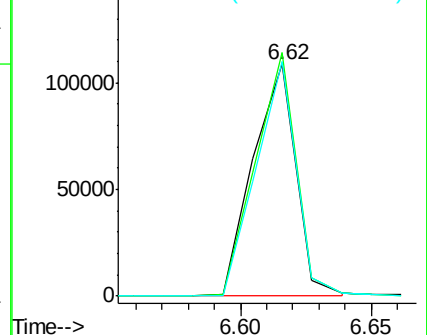
106 101.3 75.8 115.8

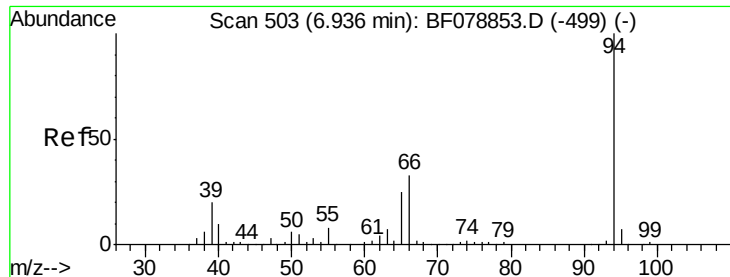


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.08 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

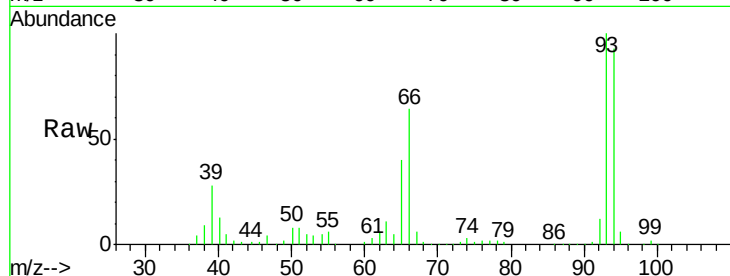
Tgt Ion: 94 Resp: 247478

Ion Ratio Lower Upper

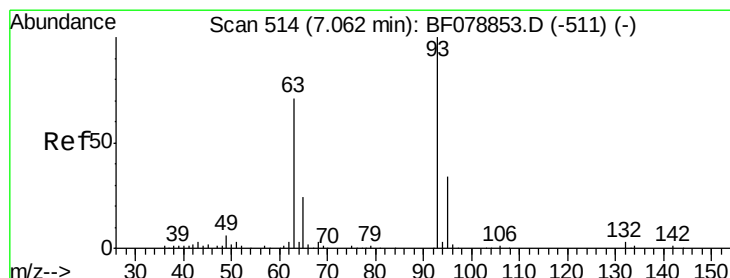
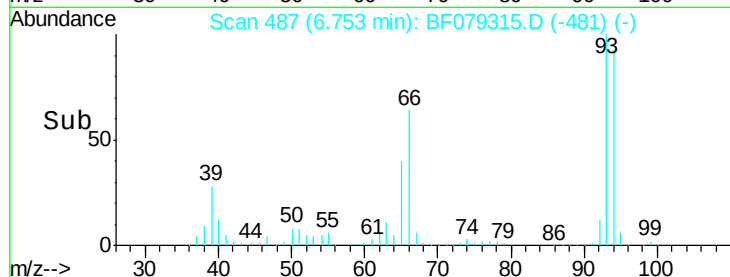
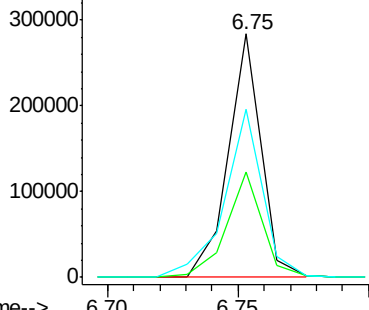
94 100

65 43.4 5.1 45.1

66 69.0 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: 37.43 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

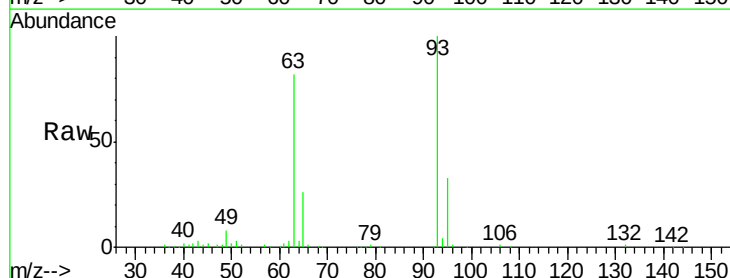
Tgt Ion: 93 Resp: 173775

Ion Ratio Lower Upper

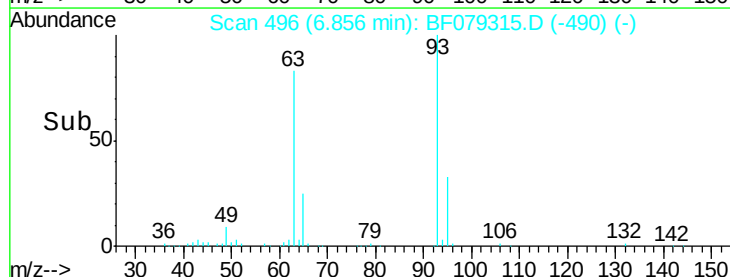
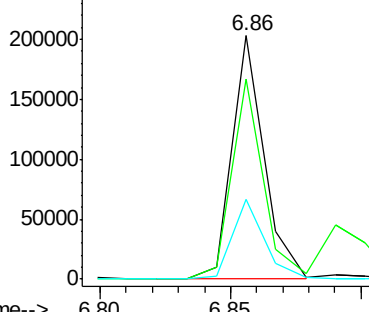
93 100

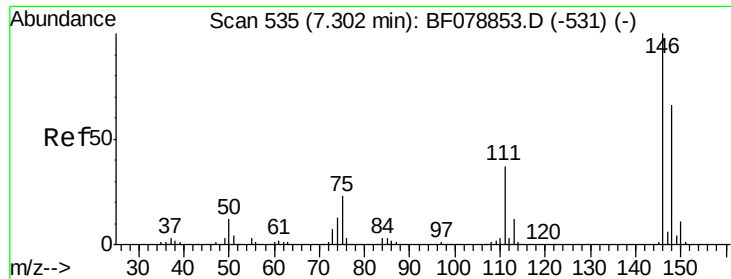
63 82.0 50.8 90.8

95 32.8 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

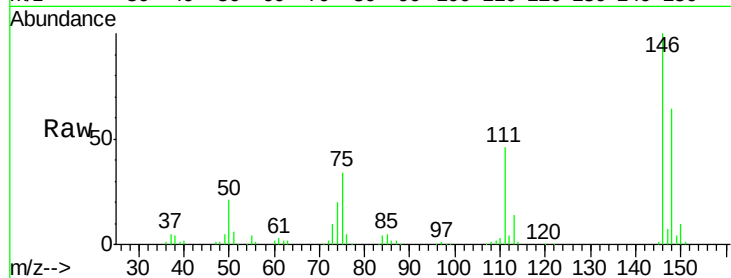




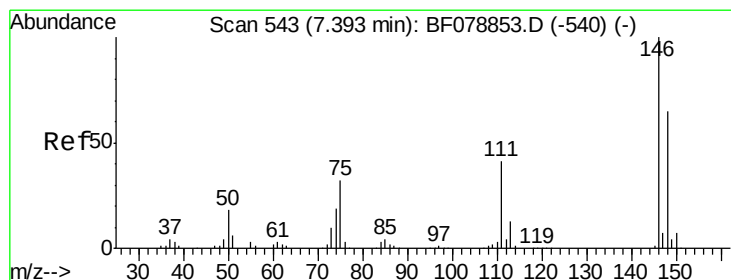
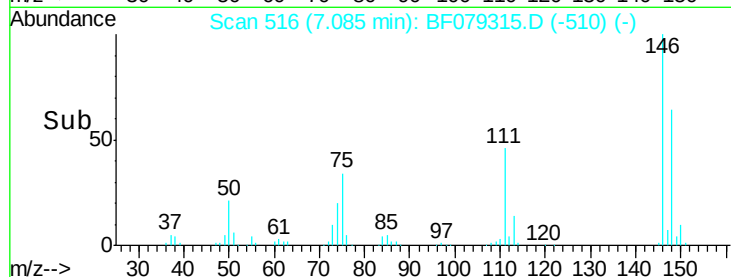
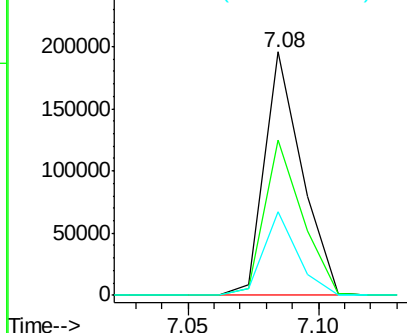
#12  
 1,3-Dichlorobenzene  
 Concen: 37.24 ng  
 RT: 7.08 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:146 Resp: 196101  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 52.4 78.6  
 75 34.4 18.6 27.8#

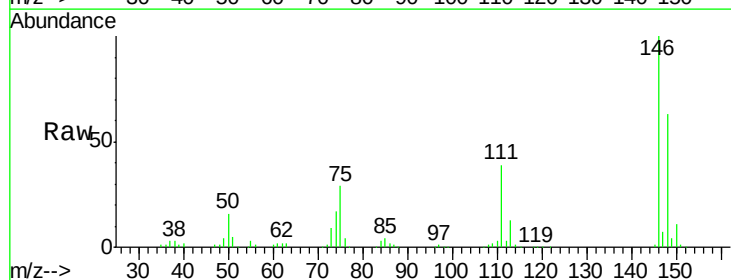


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF0

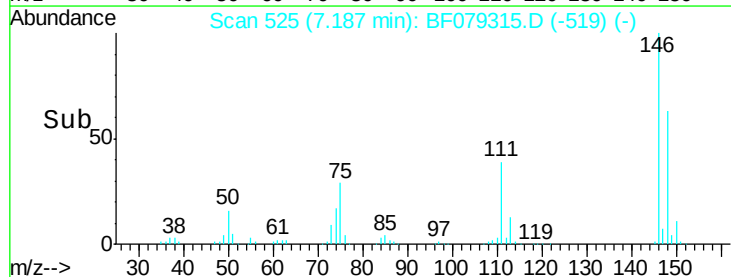
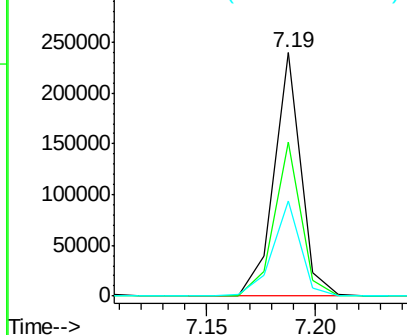


#13  
 1,4-Dichlorobenzene  
 Concen: 38.53 ng  
 RT: 7.19 min Scan# 525  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

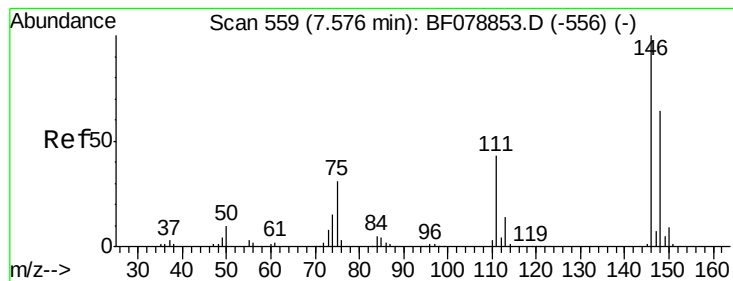
Tgt Ion:146 Resp: 208762  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 51.7 77.5  
 111 39.2 32.8 49.2



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







#14

1,2-Dichlorobenzene

Concen: 38.66 ng

RT: 7.37 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

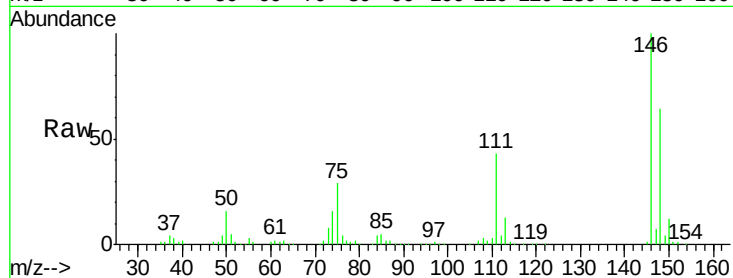
Tgt Ion:146 Resp: 195021

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

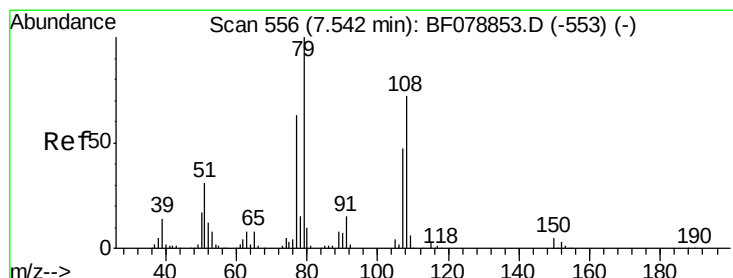
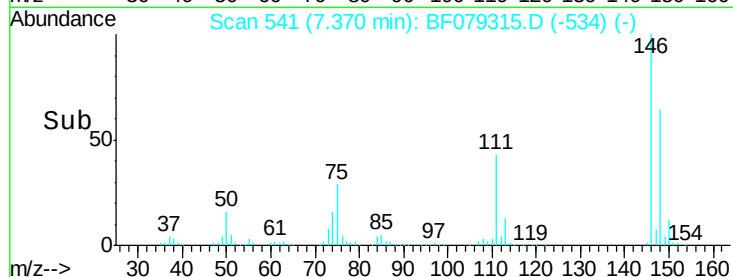
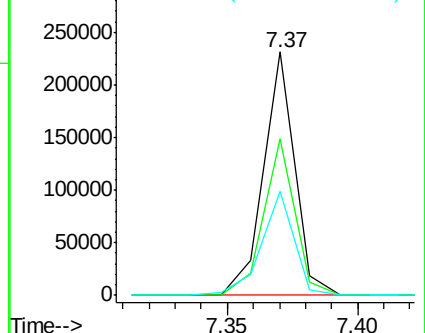
111 42.6 34.6 52.0



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: 35.16 ng

RT: 7.35 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

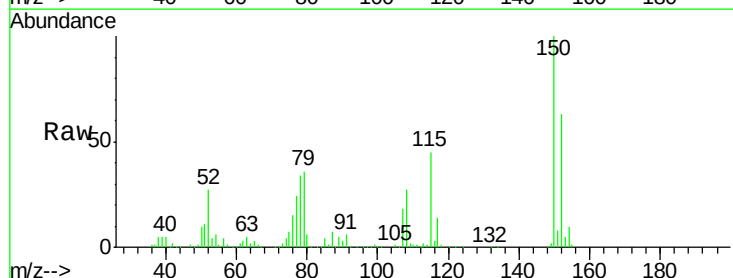
Tgt Ion: 79 Resp: 142504

Ion Ratio Lower Upper

79 100

108 73.6 57.4 86.2

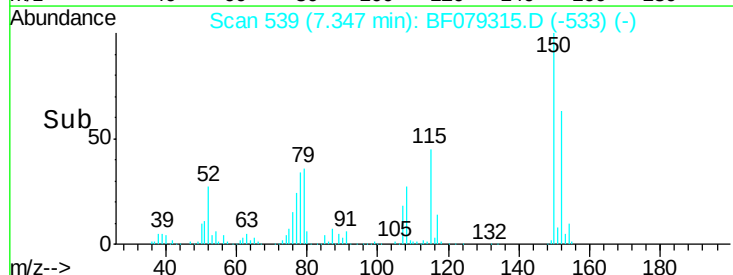
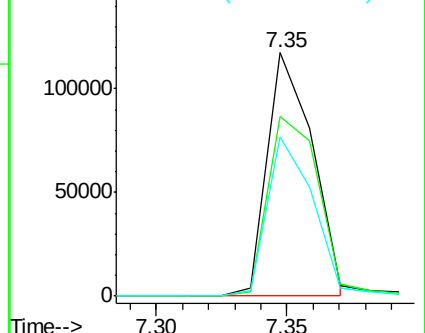
77 65.5 50.2 75.4

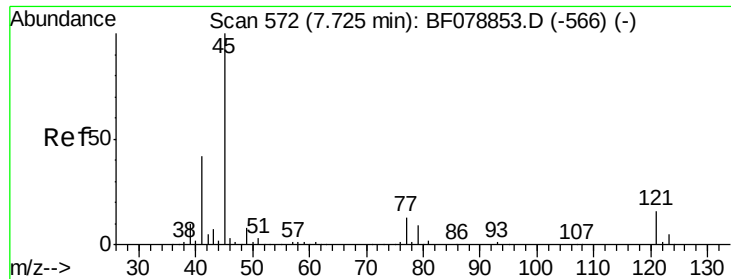


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

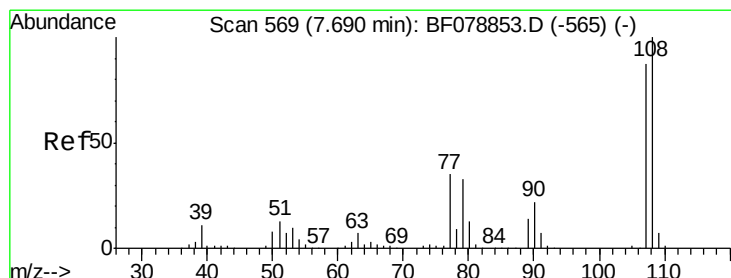
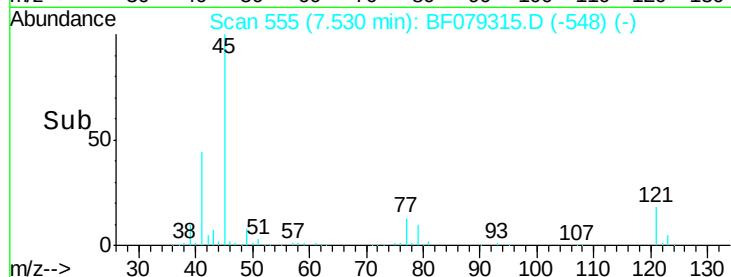
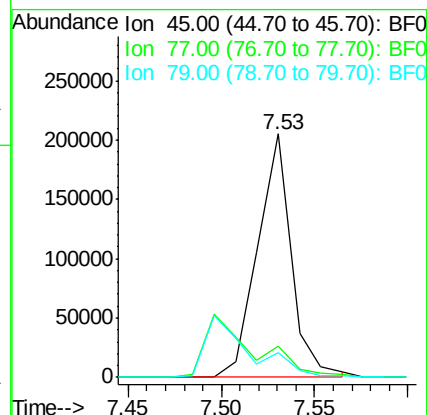
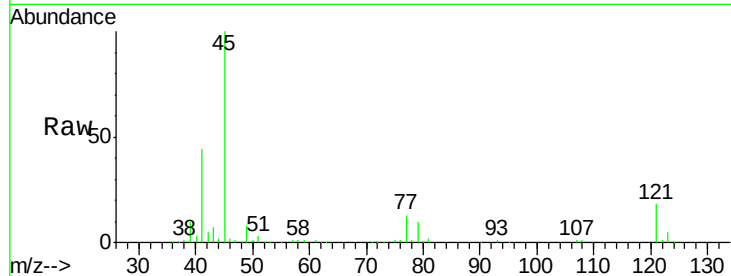




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.15 ng  
RT: 7.53 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

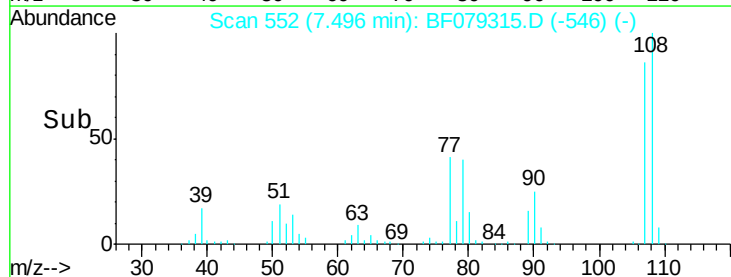
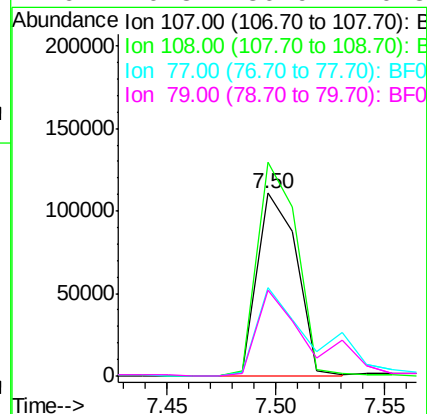
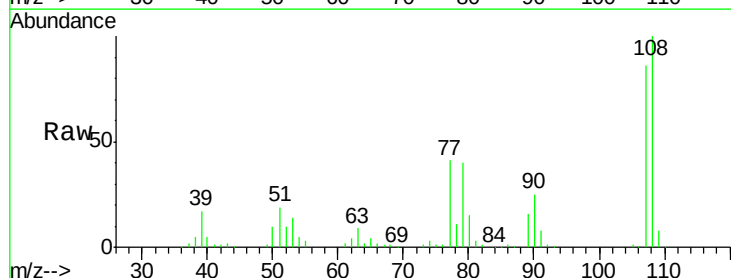
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

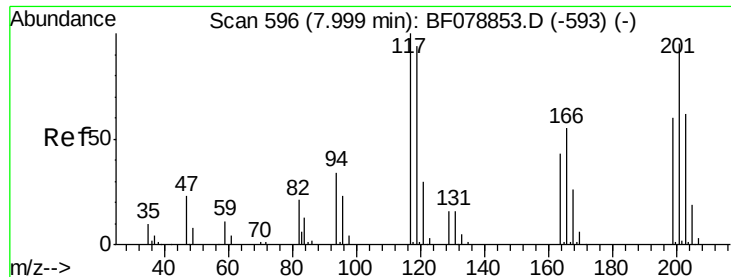
Tgt Ion: 45 Resp: 256781  
Ion Ratio Lower Upper  
45 100  
77 12.8 0.0 32.6  
79 10.4 0.0 29.3



#17  
2-Methylphenol  
Concen: 37.32 ng  
RT: 7.50 min Scan# 552  
Delta R.T. -0.01 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Tgt Ion: 107 Resp: 140672  
Ion Ratio Lower Upper  
107 100  
108 116.7 92.4 138.6  
77 47.9 32.6 49.0  
79 46.8 30.9 46.3#

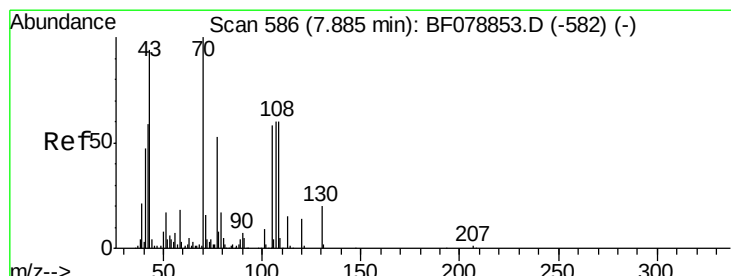
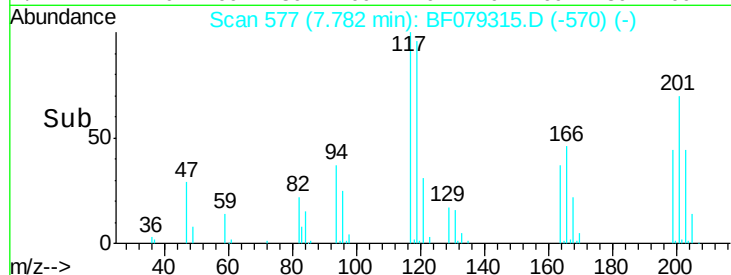
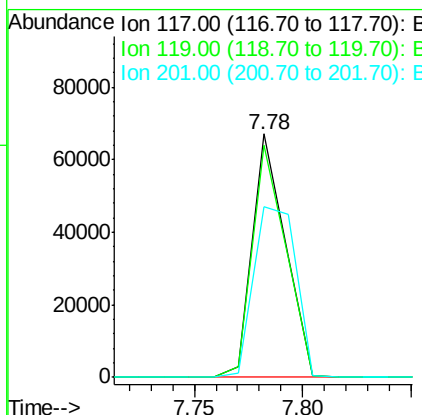
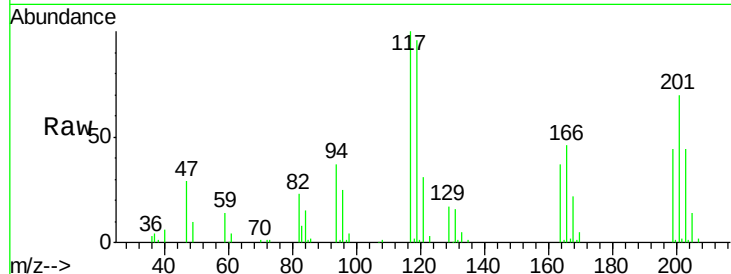




#18  
Hexachloroethane  
Concen: 38.08 ng  
RT: 7.78 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

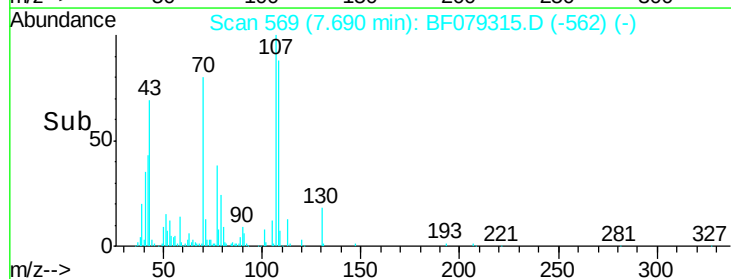
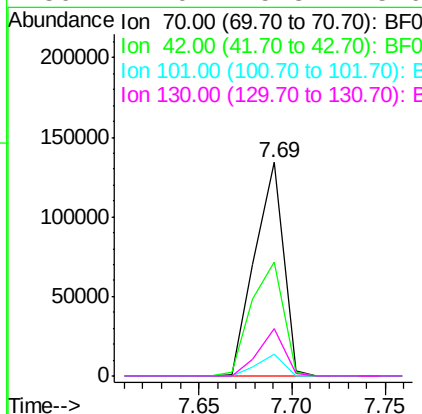
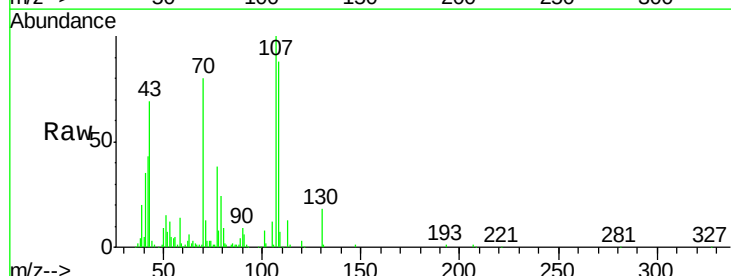
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

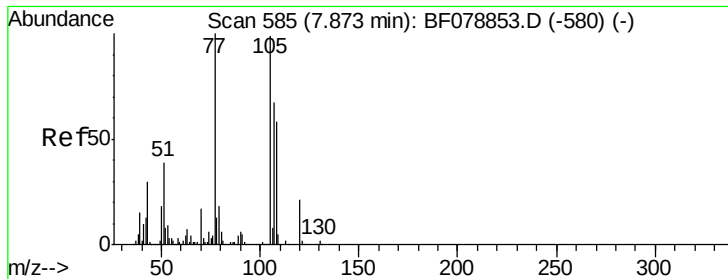
Tgt Ion: 117 Resp: 71078  
Ion Ratio Lower Upper  
117 100  
119 95.6 75.2 112.8  
201 69.9 75.8 113.8#



#19  
n-Nitroso-di-n-propylamine  
Concen: 39.07 ng  
RT: 7.69 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Tgt Ion: 70 Resp: 144061  
Ion Ratio Lower Upper  
70 100  
42 53.3 47.3 70.9  
101 10.0 7.5 11.3  
130 22.0 15.8 23.6





#20

3+4-Methylphenols

Concen: 39.49 ng

RT: 7.69 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF079315.D

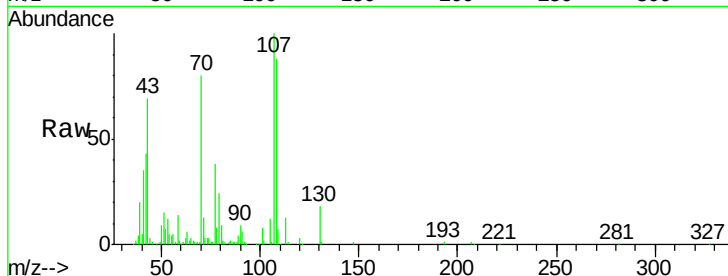
Acq: 18 May 2015 18:36

Instrument :

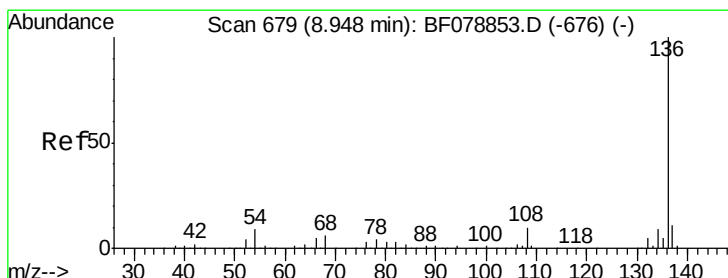
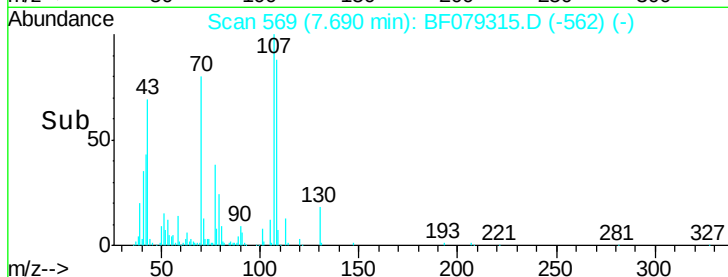
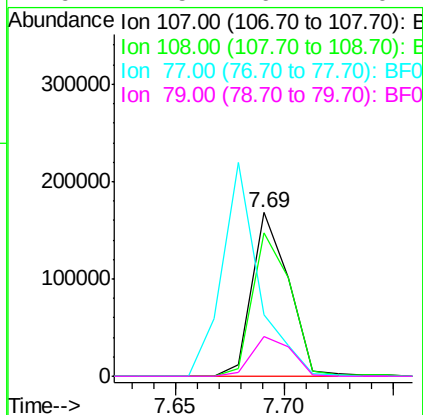
BNA\_F

ClientSampleId :

SSTDCCC040EC



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 198353 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 66.5  | 106.5  |
| 77       | 37.8  | 130.6 | 170.6# |
| 79       | 24.5  | 6.4   | 46.4   |



#21

Naphthalene-d8

Concen: 20.00 ng

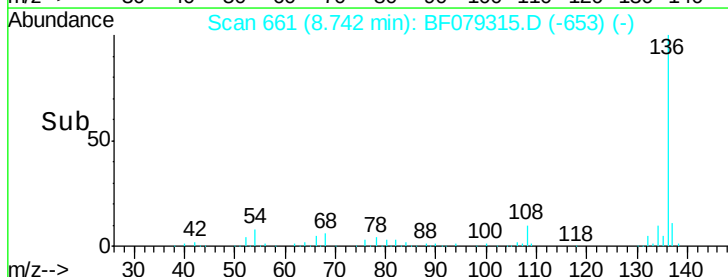
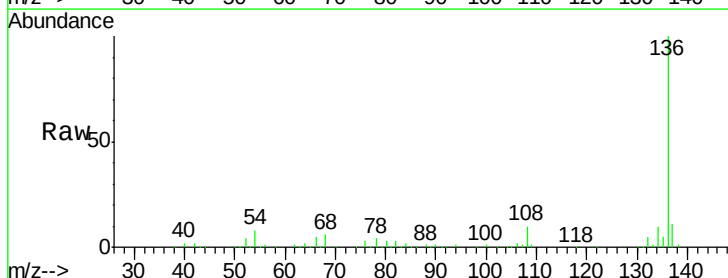
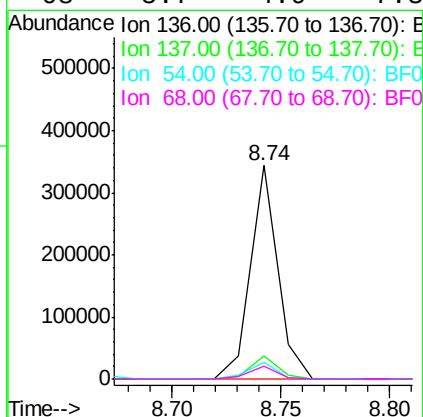
RT: 8.74 min Scan# 661

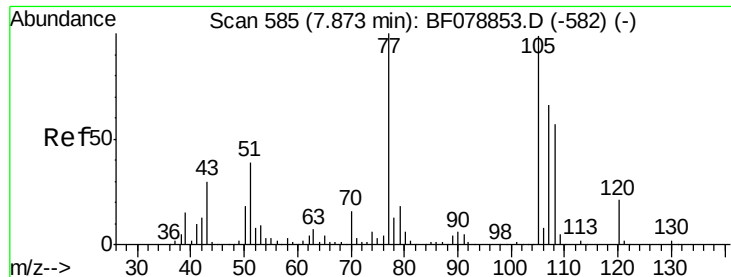
Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 299867 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.8   | 13.2   |
| 54       | 7.7   | 6.9   | 10.3   |
| 68       | 5.7   | 4.9   | 7.3    |





#22

Acetophenone

Concen: 39.04 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 105 Resp: 264509

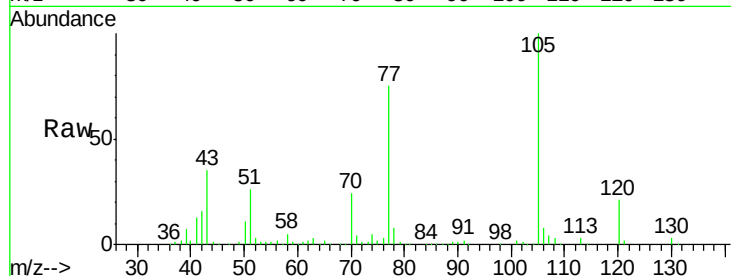
Ion Ratio Lower Upper

105 100

71 4.1 2.2 3.4#

51 26.0 31.1 46.7#

120 21.3 16.7 25.1

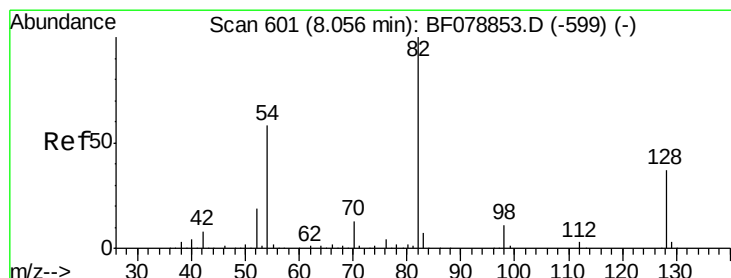
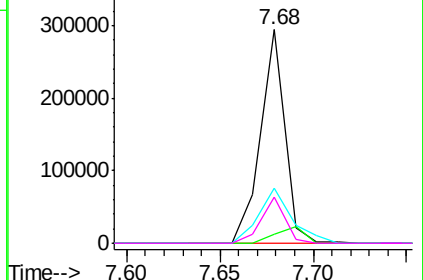
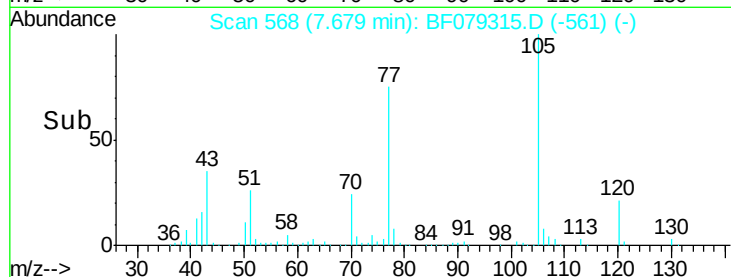


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 78.42 ng

RT: 7.86 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

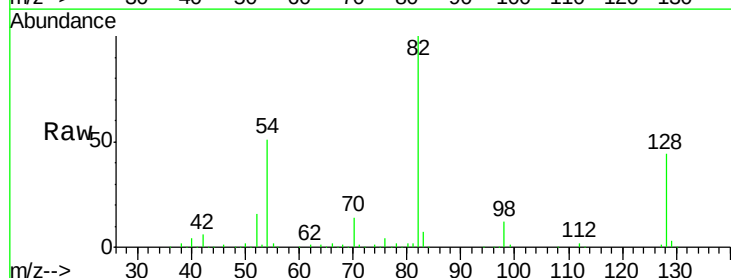
Tgt Ion: 82 Resp: 409149

Ion Ratio Lower Upper

82 100

128 44.3 29.7 44.5

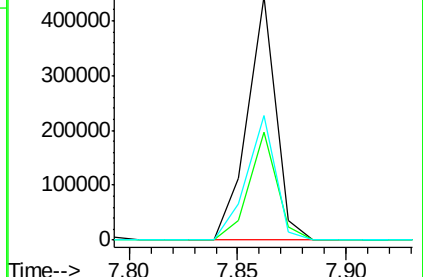
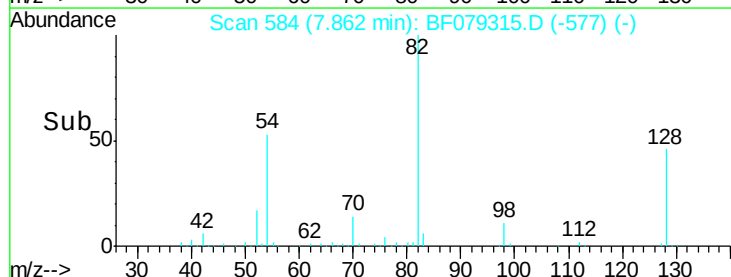
54 51.1 46.2 69.4

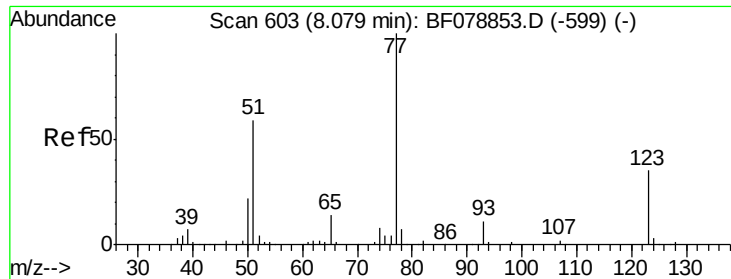


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 38.63 ng

RT: 7.88 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

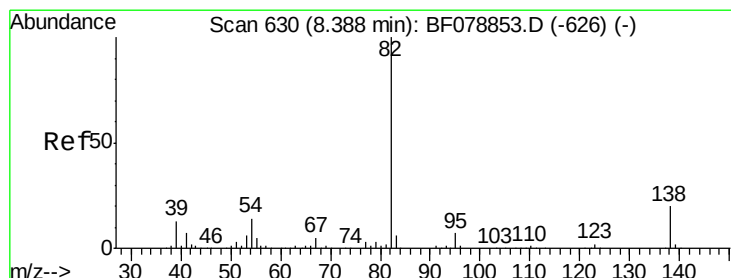
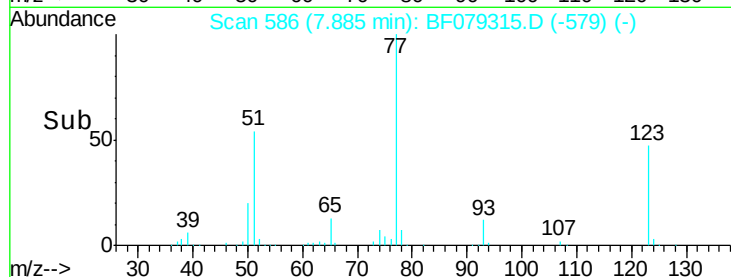
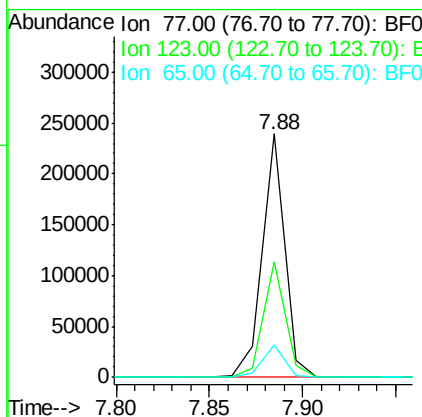
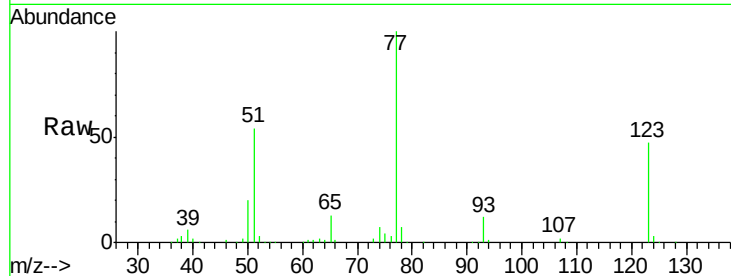
Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 199763 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 47.4  | 28.3  | 42.5#  |
| 65       | 13.2  | 11.0  | 16.4   |



#25

Isophorone

Concen: 38.31 ng

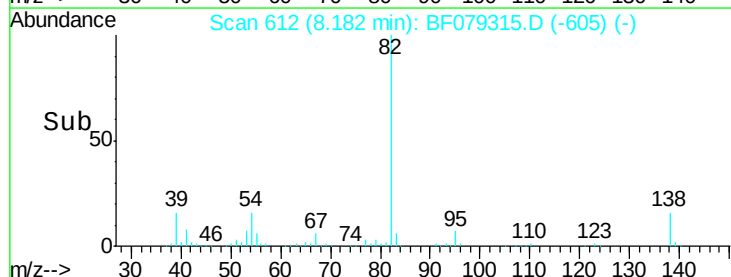
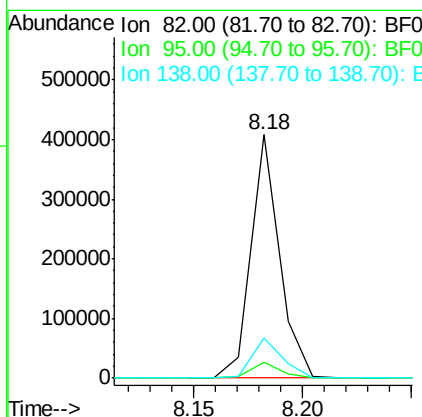
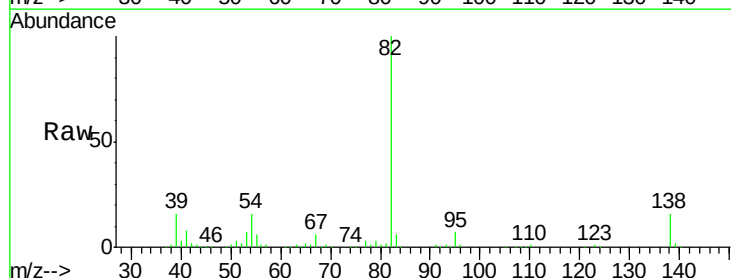
RT: 8.18 min Scan# 612

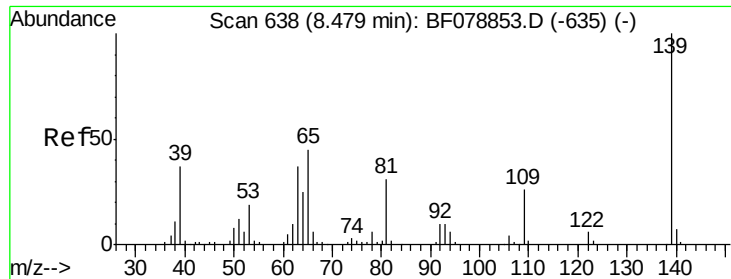
Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 370537 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 6.7   | 5.4   | 8.2    |
| 138      | 16.5  | 16.1  | 24.1   |

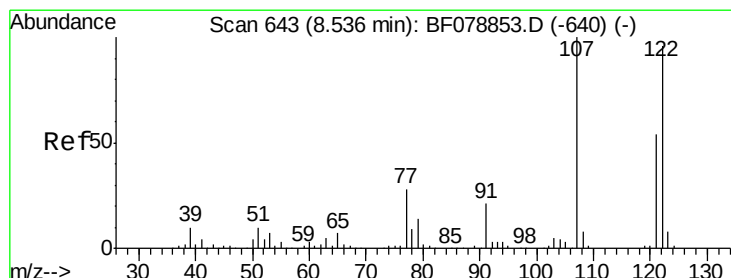
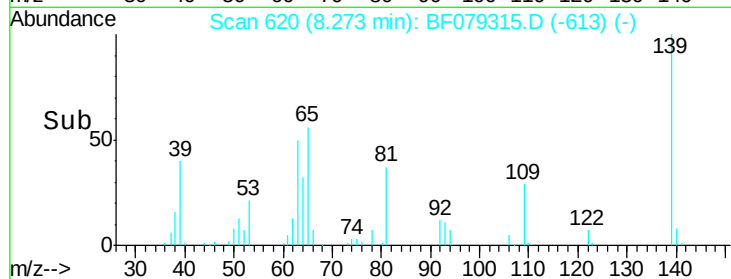
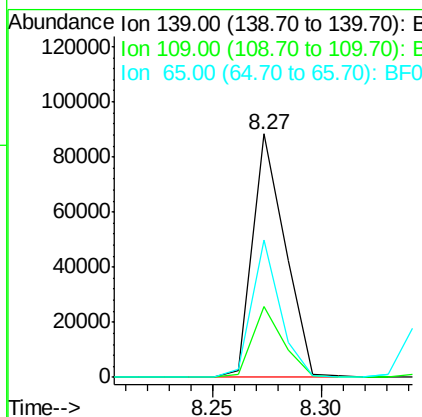
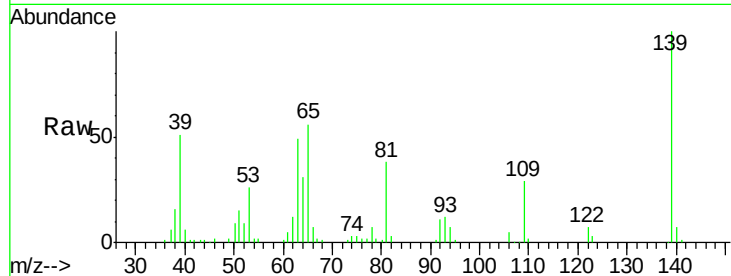




#26  
 2-Nitrophenol  
 Concen: 43.24 ng  
 RT: 8.27 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

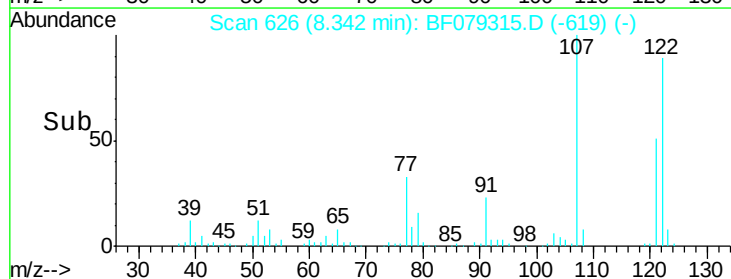
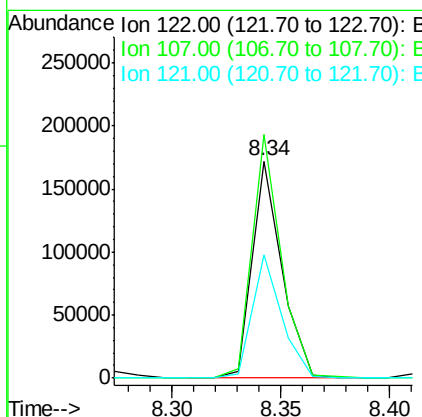
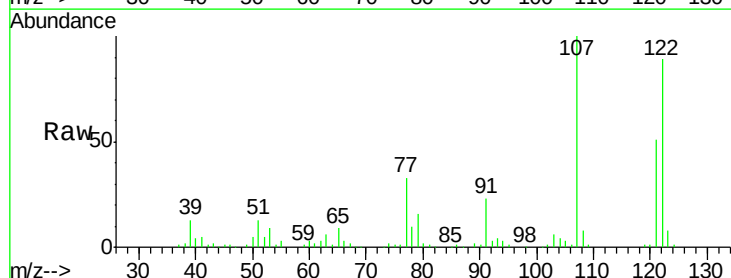
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

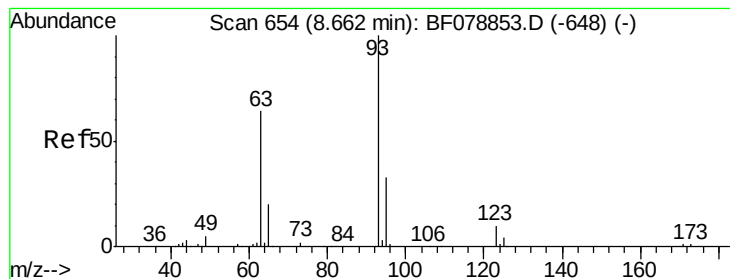
Tgt Ion:139 Resp: 92564  
 Ion Ratio Lower Upper  
 139 100  
 109 29.0 20.9 31.3  
 65 56.4 35.8 53.8#



#27  
 2,4-Dimethylphenol  
 Concen: 38.23 ng  
 RT: 8.34 min Scan# 626  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:122 Resp: 163764  
 Ion Ratio Lower Upper  
 122 100  
 107 112.2 83.6 125.4  
 121 56.7 44.9 67.3





#28

bis(2-Chloroethoxy)methane

Concen: 39.31 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

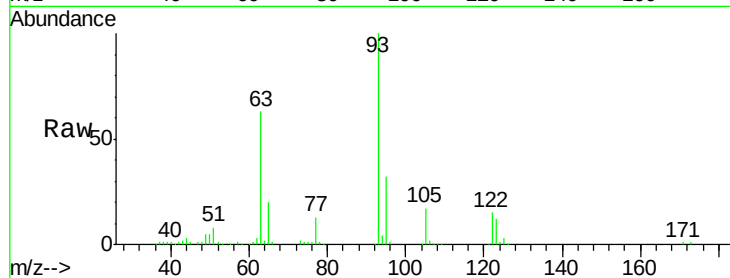
Tgt Ion: 93 Resp: 234381

Ion Ratio Lower Upper

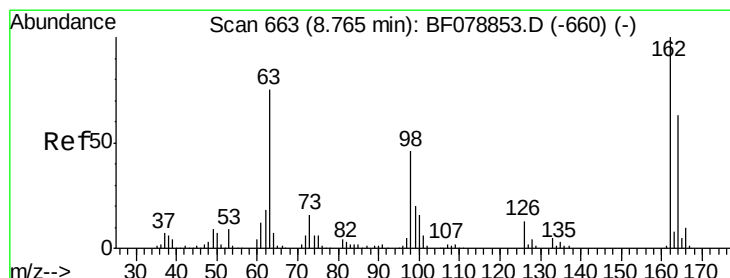
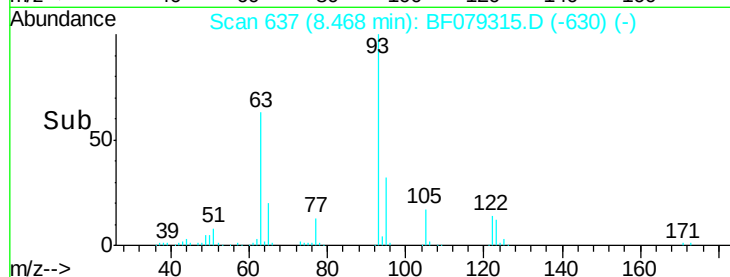
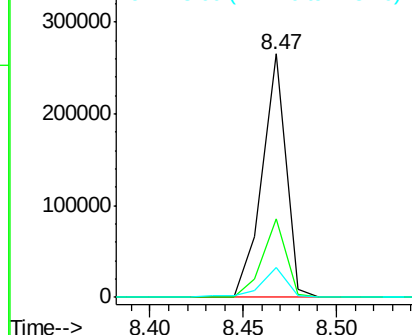
93 100

95 32.4 26.2 39.2

123 12.1 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: 39.93 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

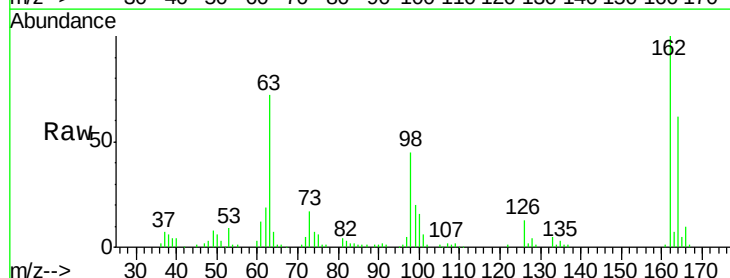
Tgt Ion: 162 Resp: 152081

Ion Ratio Lower Upper

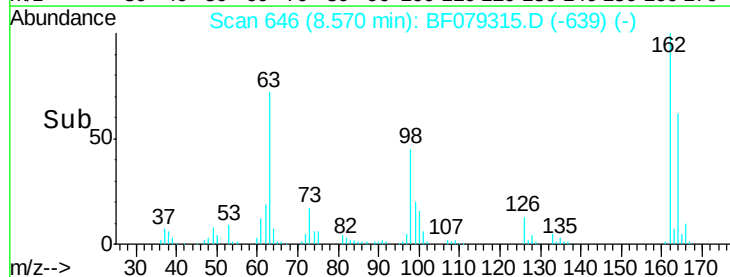
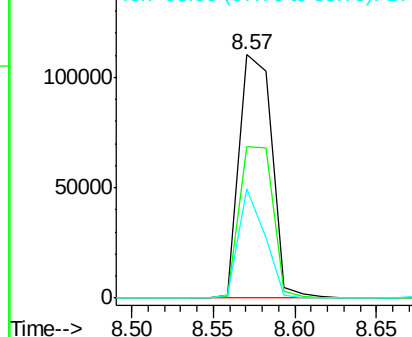
162 100

164 62.4 42.7 82.7

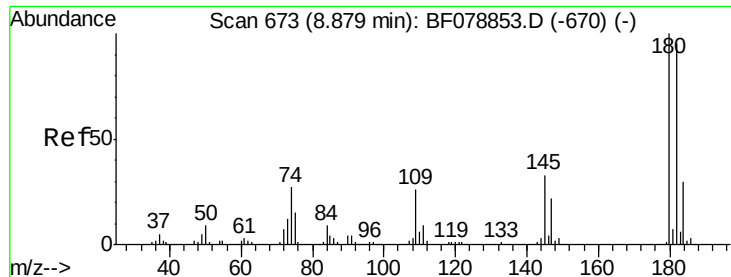
98 44.9 26.3 66.3



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



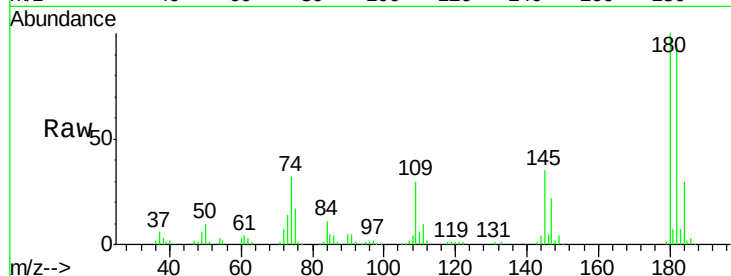




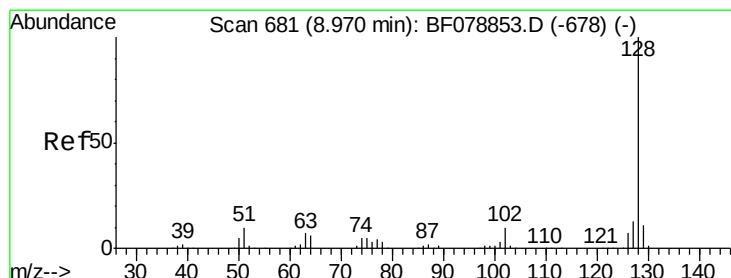
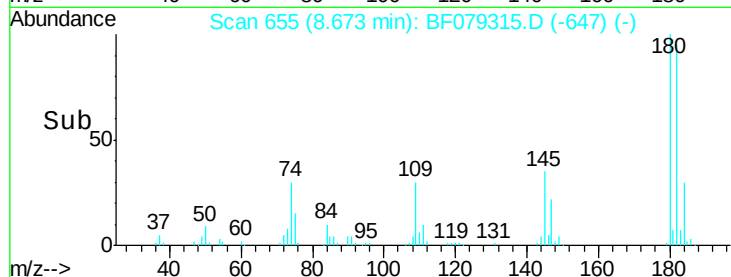
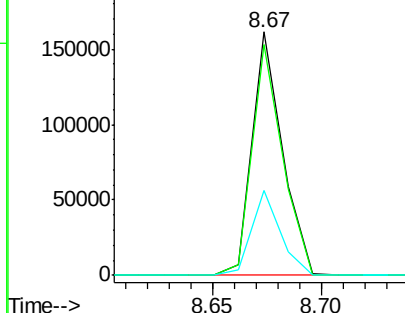
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.44 ng  
 RT: 8.67 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:180 Resp: 156652  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 75.7 113.5  
 145 34.9 26.2 39.4

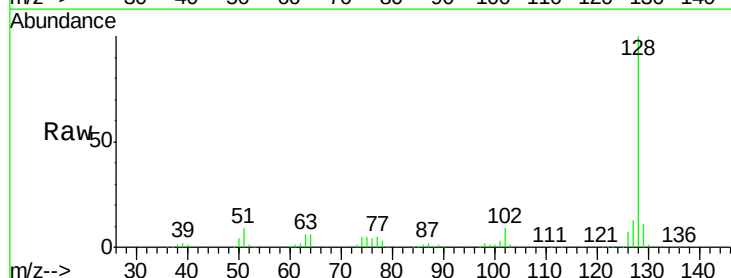


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

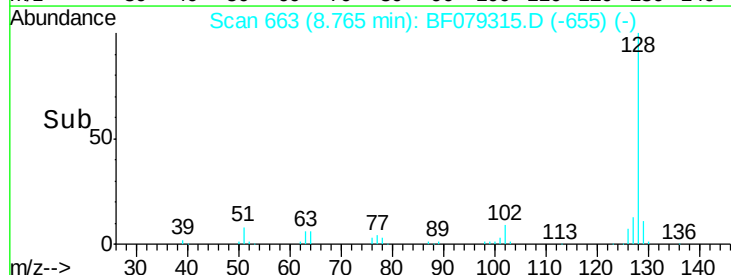
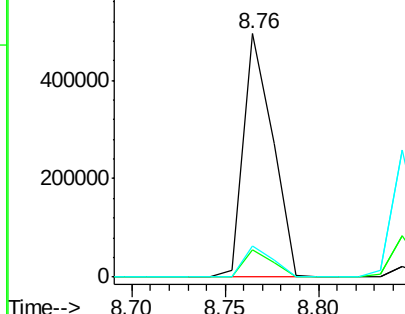


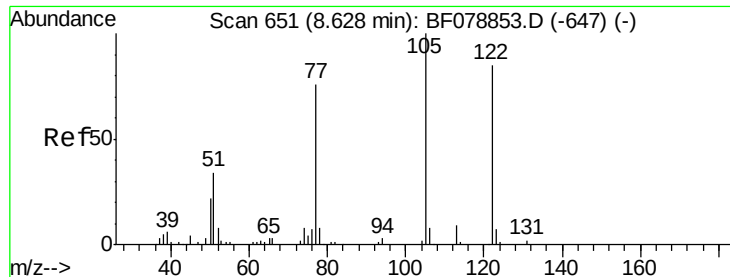
#31  
 Naphthalene  
 Concen: 37.65 ng  
 RT: 8.76 min Scan# 663  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:128 Resp: 537949  
 Ion Ratio Lower Upper  
 128 100  
 129 11.4 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

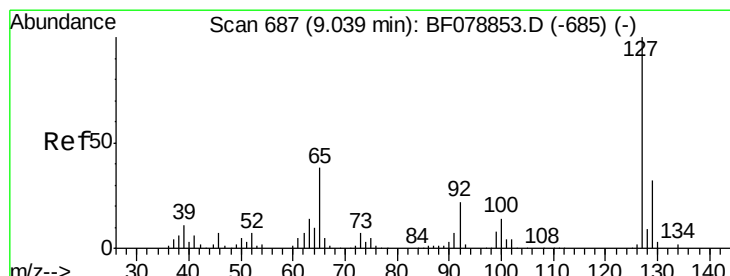
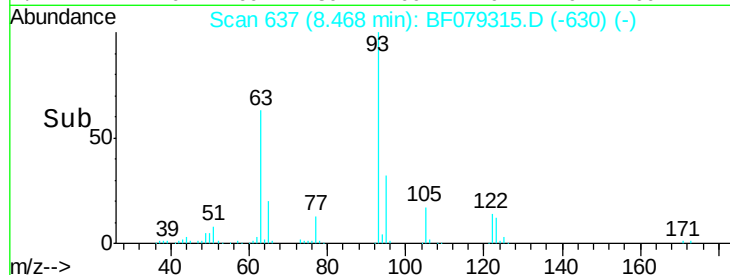
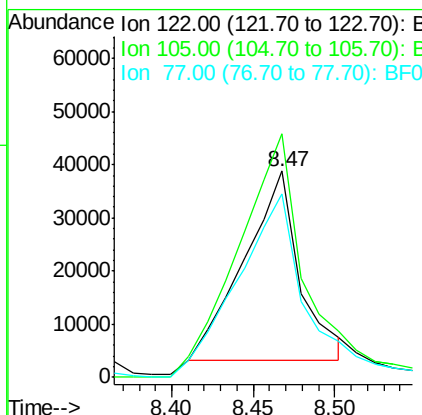
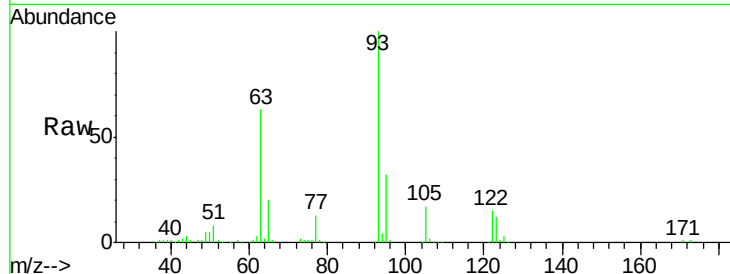




#32  
Benzoic acid  
Concen: 33.67 ng  
RT: 8.47 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

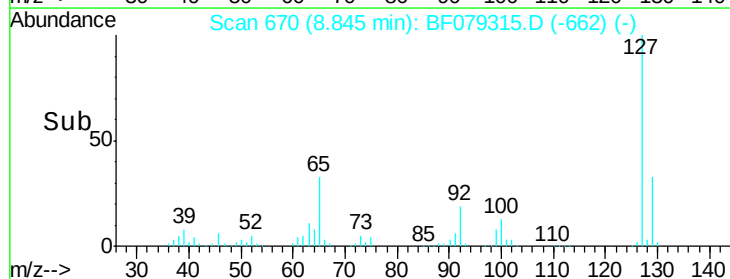
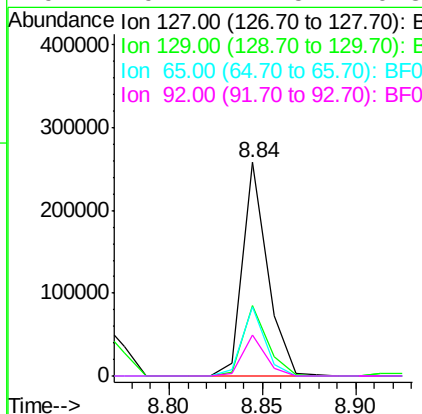
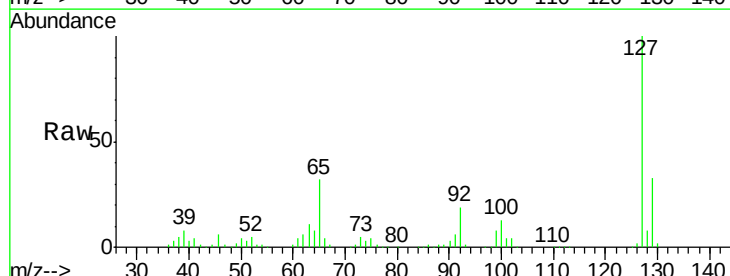
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

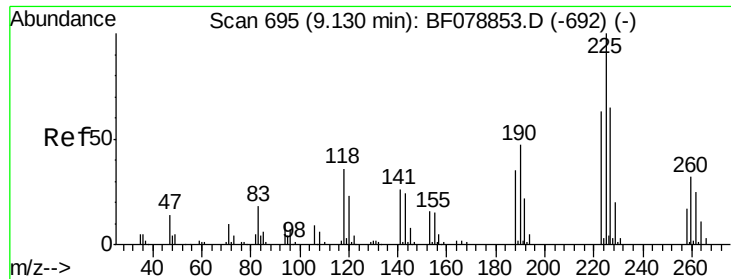
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 84531 |       |       |
| 105     | 118.1 | 100.7 | 140.7 |
| 77      | 89.0  | 72.0  | 112.0 |



#33  
4-Chloroaniline  
Concen: 39.70 ng  
RT: 8.84 min Scan# 670  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 127     | 240012 |       |       |
| 129     | 32.9   | 25.6  | 38.4  |
| 65      | 32.3   | 30.2  | 45.4  |
| 92      | 19.2   | 17.5  | 26.3  |





#34

Hexachlorobutadiene

Concen: 37.21 ng

RT: 8.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

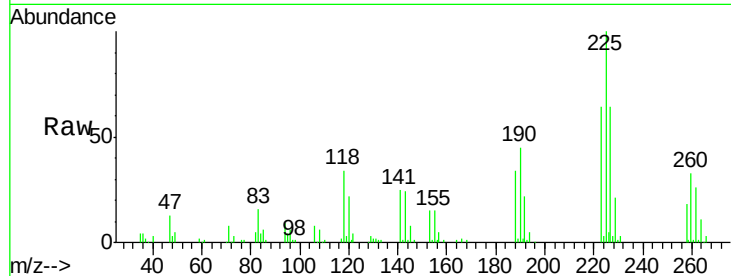
Tgt Ion:225 Resp: 89659

Ion Ratio Lower Upper

225 100

223 64.2 50.6 75.8

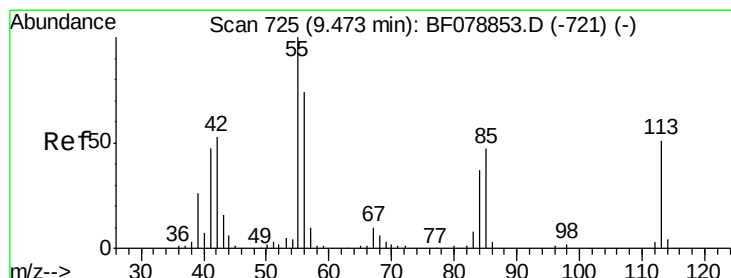
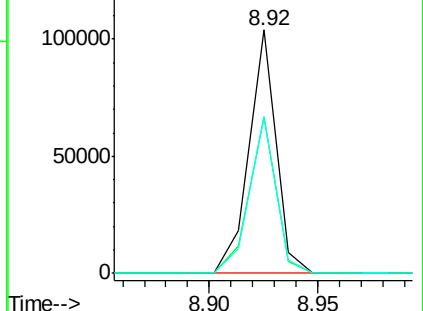
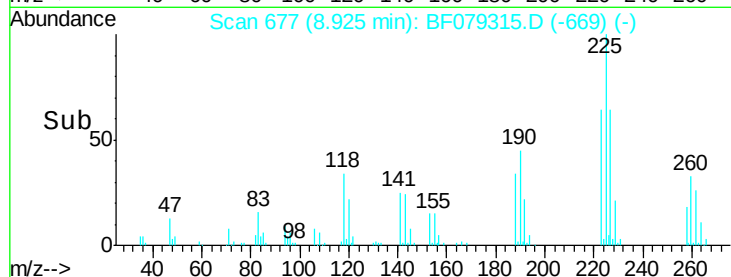
227 64.2 52.1 78.1



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: 41.19 ng

RT: 9.28 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

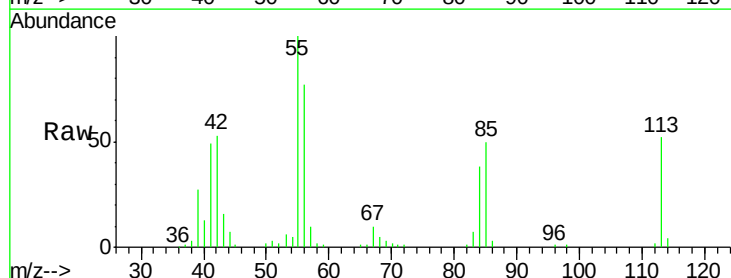
Tgt Ion:113 Resp: 50734

Ion Ratio Lower Upper

113 100

55 193.6 176.0 216.0

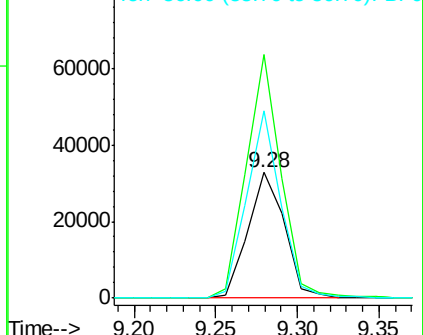
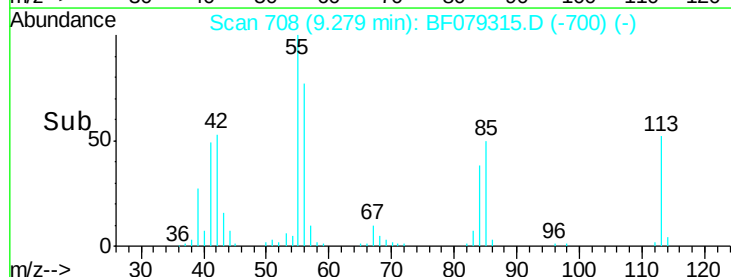
56 148.6 123.8 163.8

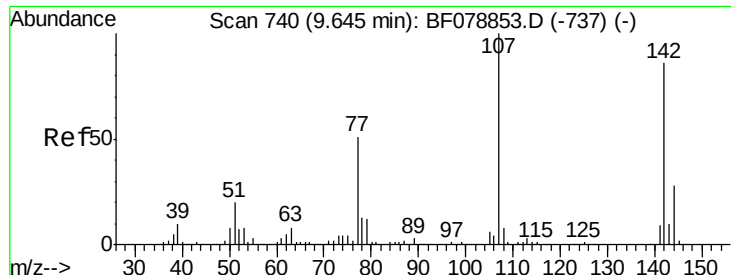


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

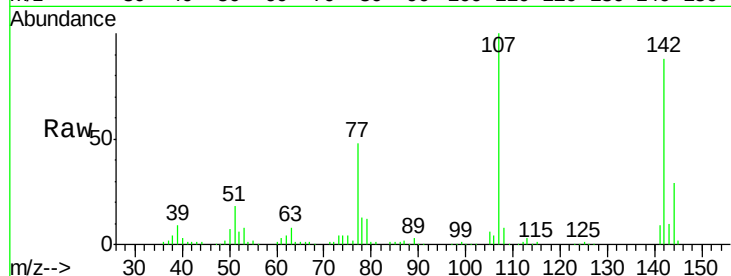




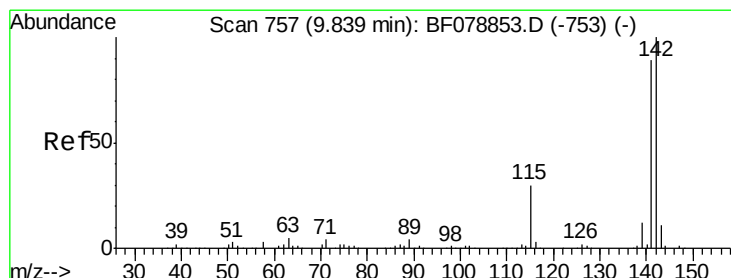
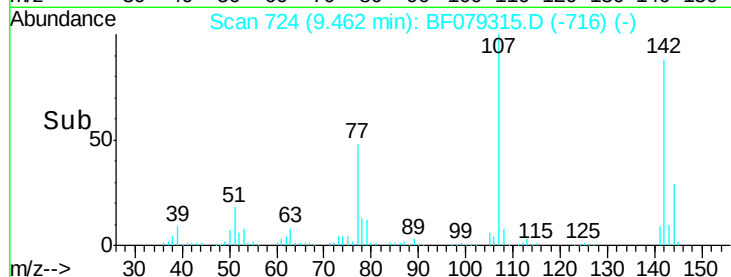
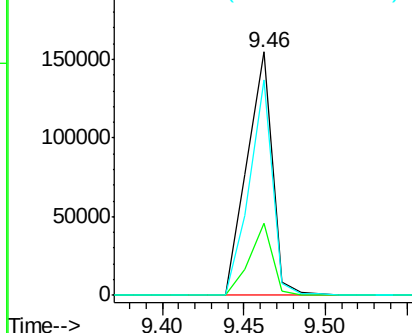
#36  
 4-Chloro-3-methylphenol  
 Concen: 41.64 ng  
 RT: 9.46 min Scan# 724  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:107 Resp: 166606  
 Ion Ratio Lower Upper  
 107 100  
 144 29.4 22.5 33.7  
 142 88.5 68.6 103.0

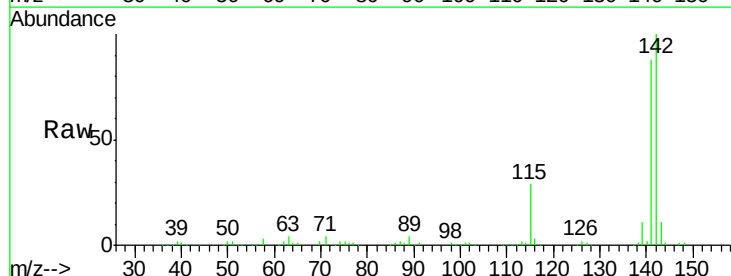


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

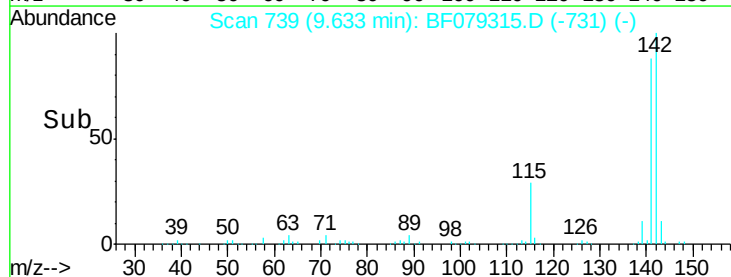
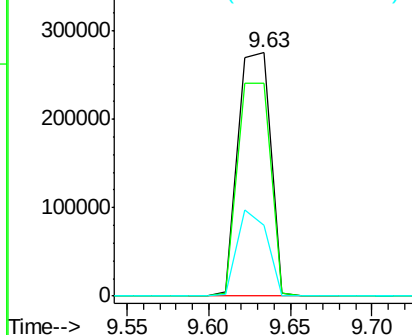


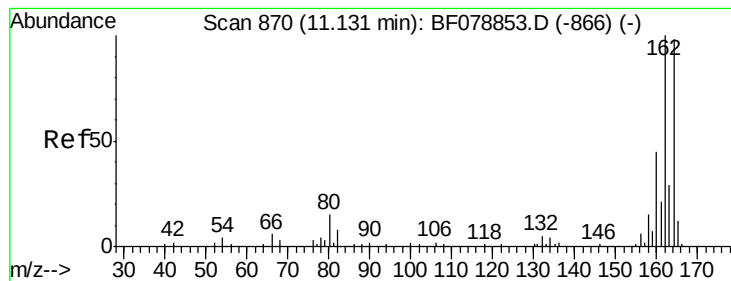
#37  
 2-Methylnaphthalene  
 Concen: 38.47 ng  
 RT: 9.63 min Scan# 739  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:142 Resp: 380876  
 Ion Ratio Lower Upper  
 142 100  
 141 87.7 71.6 107.4  
 115 29.0 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: 10.91 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

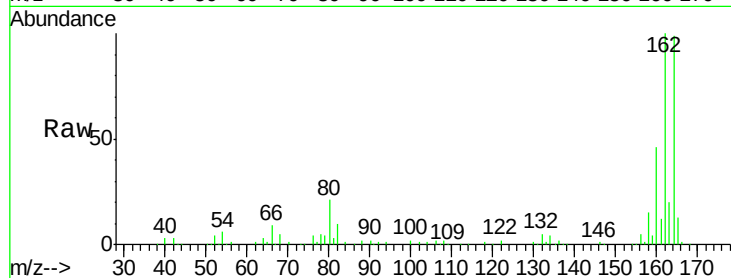
Tgt Ion:164 Resp: 154526

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

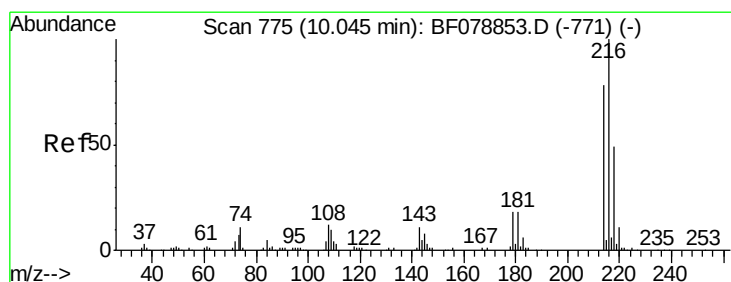
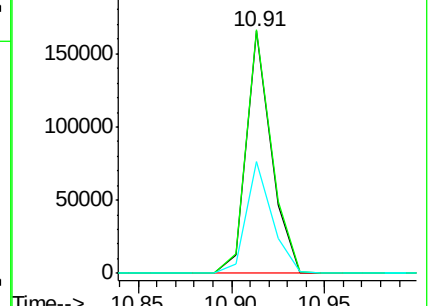
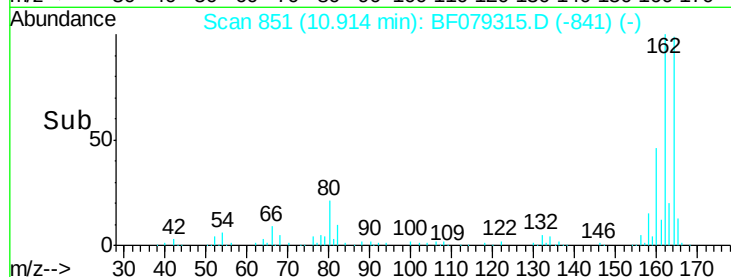
160 46.0 36.6 54.8



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: 36.33 ng

RT: 9.84 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Tgt Ion:216 Resp: 158091

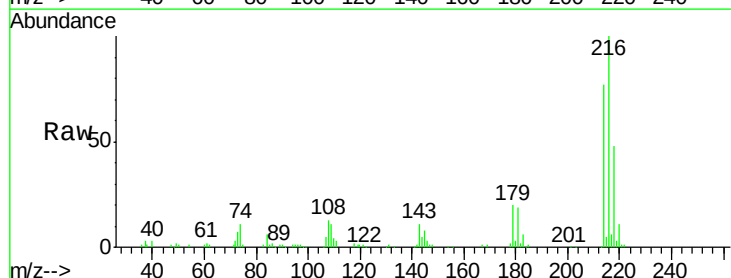
Ion Ratio Lower Upper

216 100

214 78.2 64.0 96.0

179 22.0 17.0 25.4

108 21.3 17.0 25.6

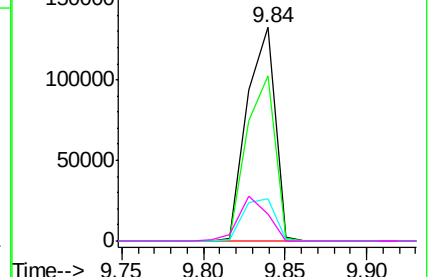
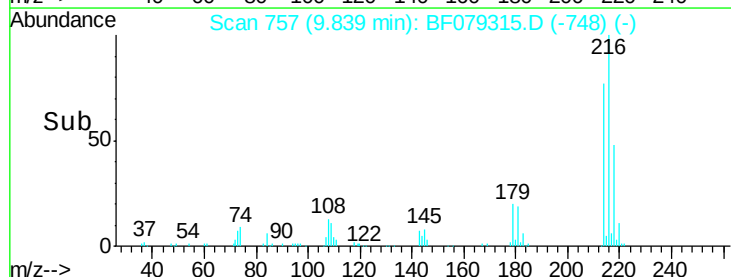


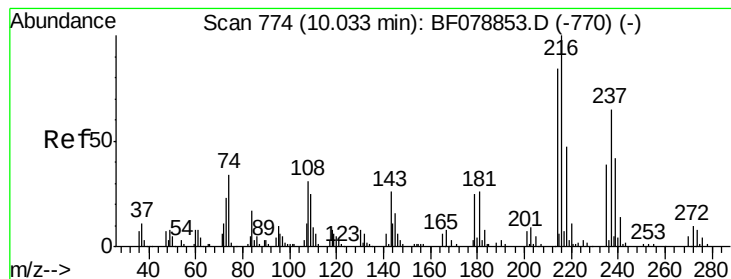
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 26.51 ng

RT: 9.82 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

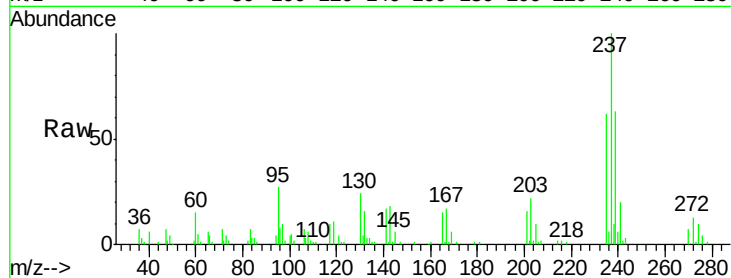
Tgt Ion:237 Resp: 58015

Ion Ratio Lower Upper

237 100

235 62.2 40.0 80.0

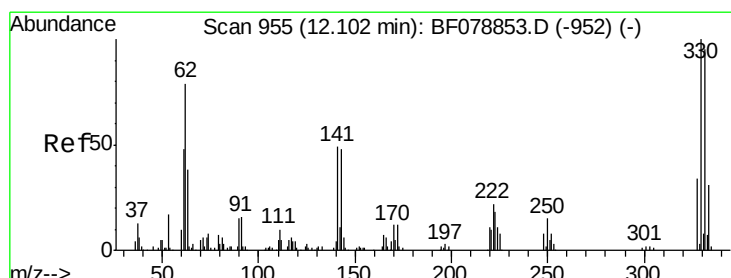
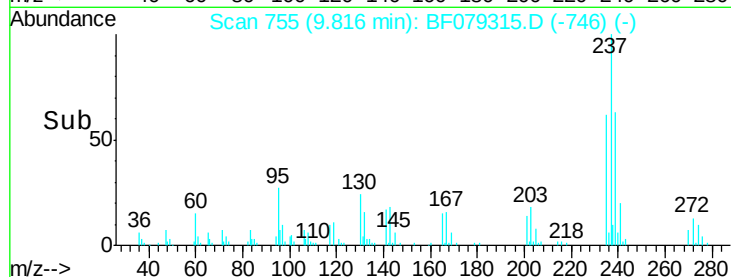
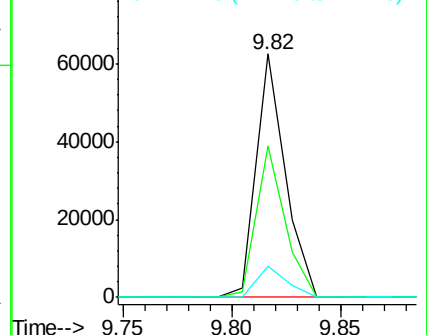
272 12.5 0.0 36.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 81.42 ng

RT: 11.90 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

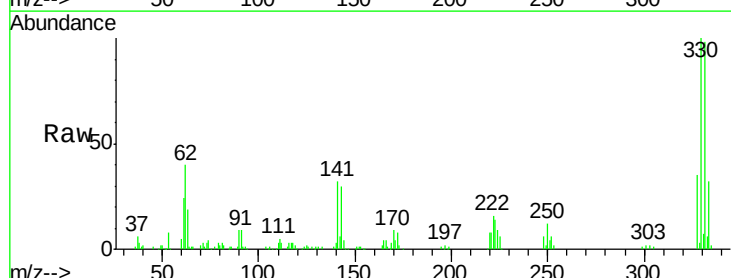
Tgt Ion:330 Resp: 136115

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

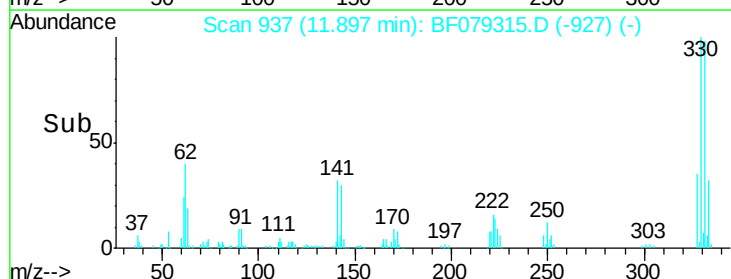
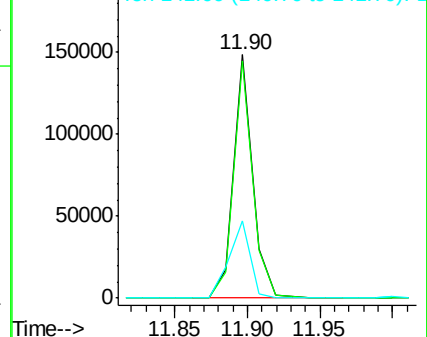
141 35.2 27.8 41.8

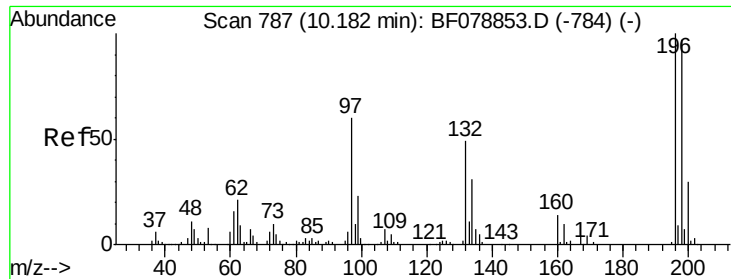


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

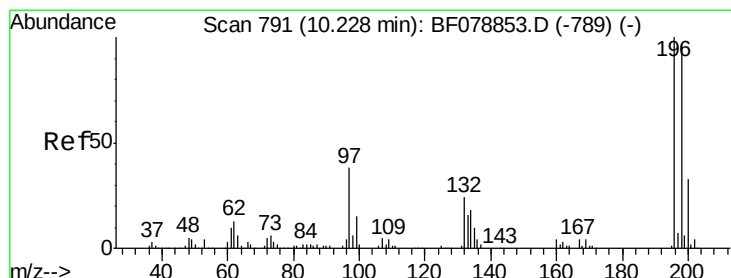
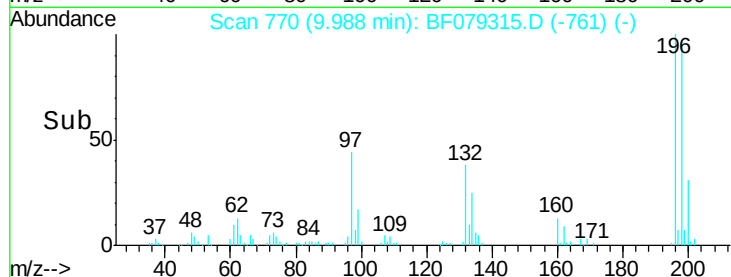
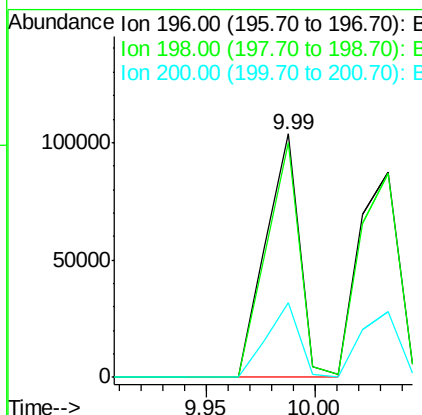
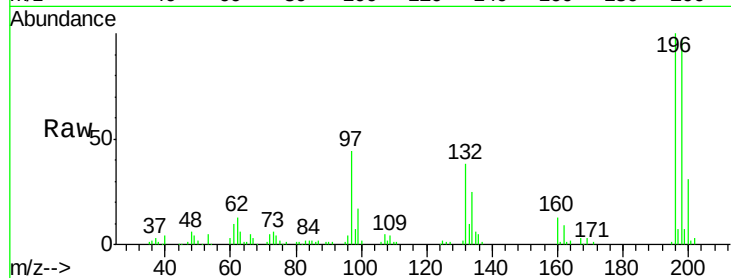




#42  
 2,4,6-Trichlorophenol  
 Concen: 37.70 ng  
 RT: 9.99 min Scan# 770  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

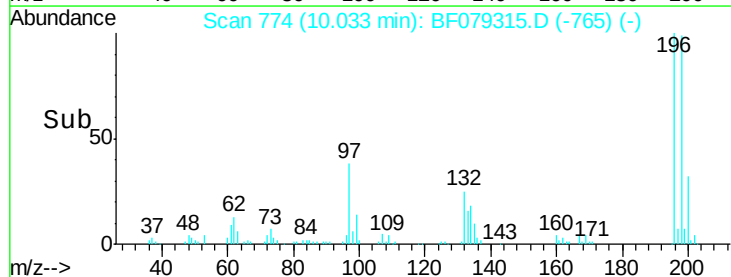
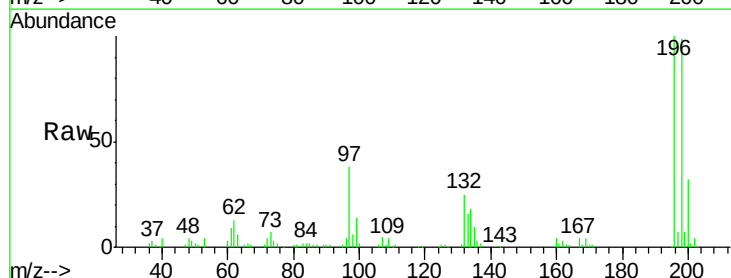
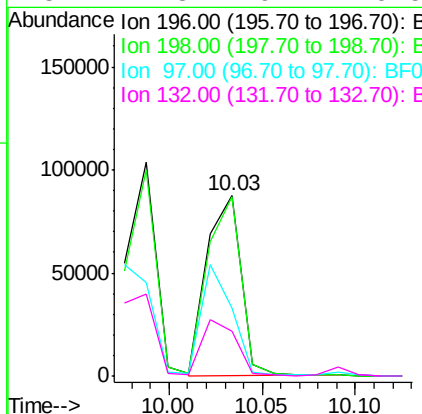
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

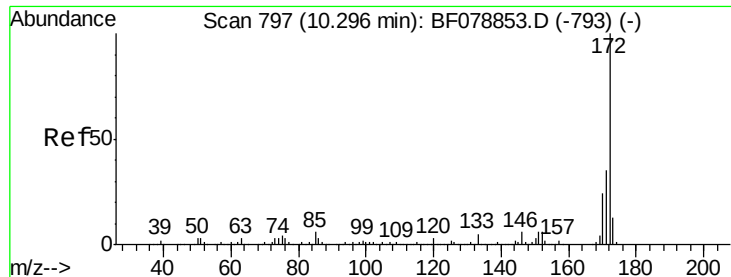
Tgt Ion:196 Resp: 112807  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 77.4 116.2  
 200 30.7 23.7 35.5



#43  
 2,4,5-Trichlorophenol  
 Concen: 36.97 ng  
 RT: 10.03 min Scan# 774  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:196 Resp: 111837  
 Ion Ratio Lower Upper  
 196 100  
 198 99.2 77.3 115.9  
 97 37.8 31.3 46.9  
 132 24.8 19.7 29.5

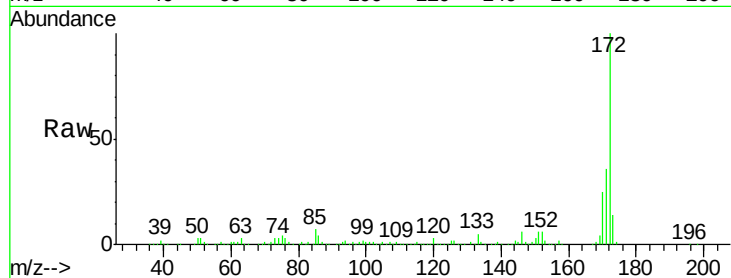




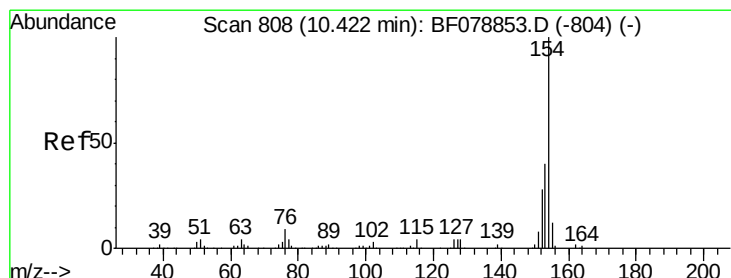
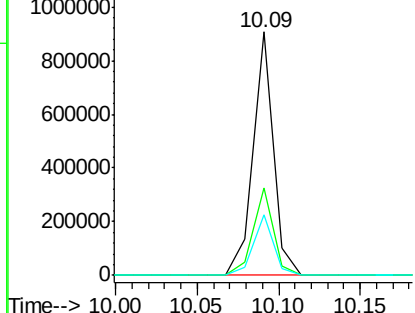
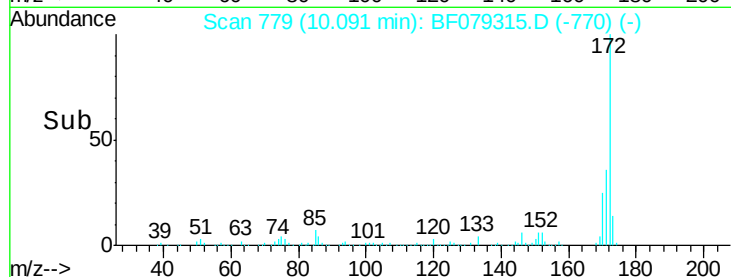
#44  
 2-Fluorobiphenyl  
 Concen: 71.03 ng  
 RT: 10.09 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:172 Resp: 787855  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.3 42.5  
 170 24.6 19.4 29.2

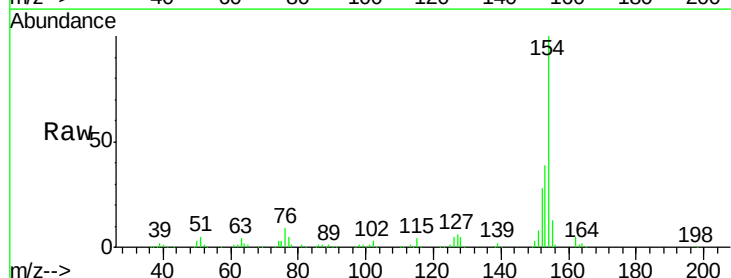


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

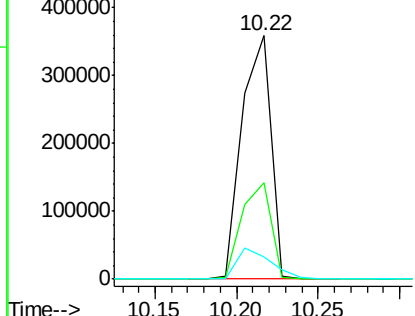
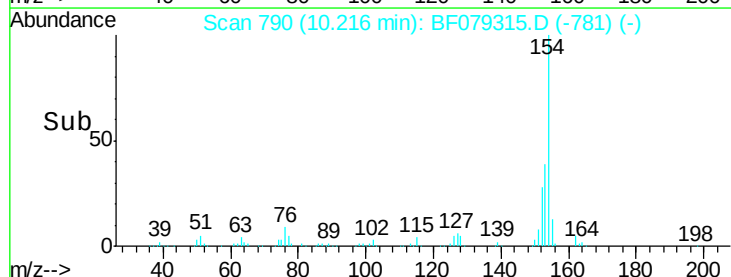


#45  
 1,1'-Biphenyl  
 Concen: 35.83 ng  
 RT: 10.22 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

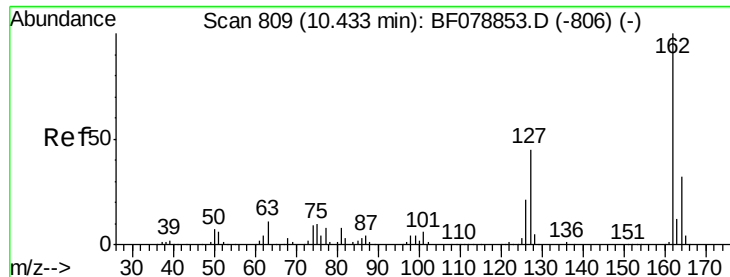
Tgt Ion:154 Resp: 440158  
 Ion Ratio Lower Upper  
 154 100  
 153 39.4 19.7 59.7  
 76 9.3 0.0 29.1



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



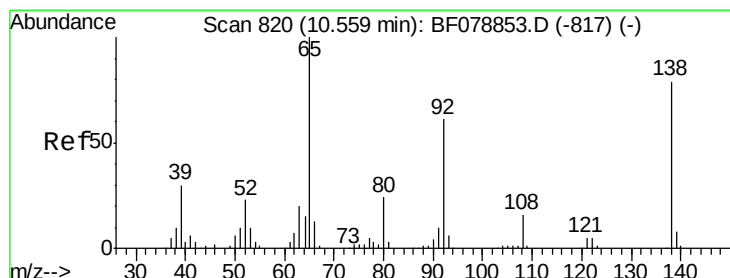
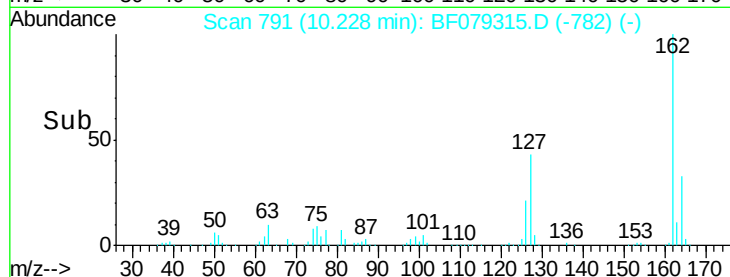
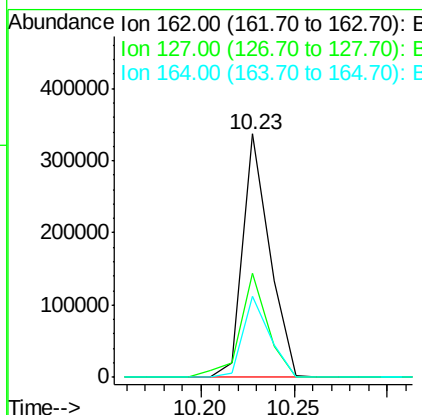
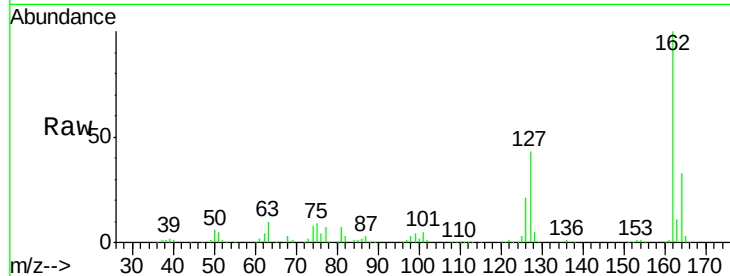




#46  
 2-Chloronaphthalene  
 Concen: 35.22 ng  
 RT: 10.23 min Scan# 791  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

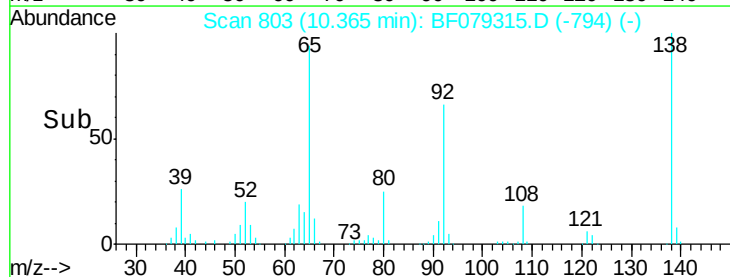
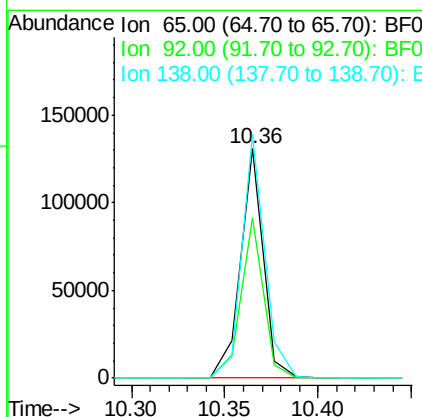
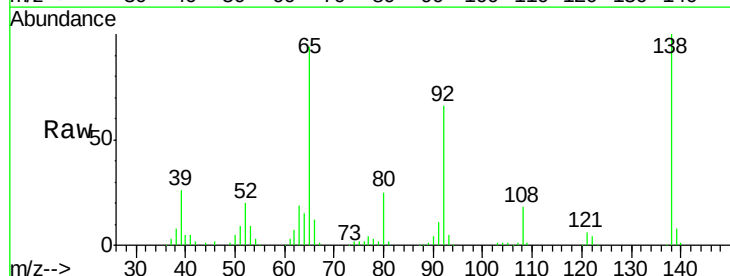
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

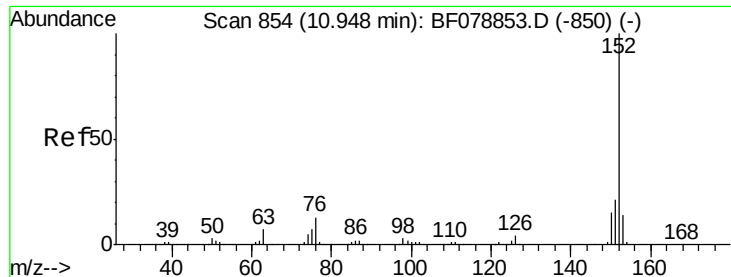
Tgt Ion: 162 Resp: 337519  
 Ion Ratio Lower Upper  
 162 100  
 127 43.0 36.3 54.5  
 164 33.2 25.9 38.9



#47  
 2-Nitroaniline  
 Concen: 40.21 ng  
 RT: 10.36 min Scan# 803  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion: 65 Resp: 111634  
 Ion Ratio Lower Upper  
 65 100  
 92 70.0 49.1 73.7  
 138 106.2 63.2 94.8#





#48

Acenaphthylene

Concen: 37.88 ng

RT: 10.74 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

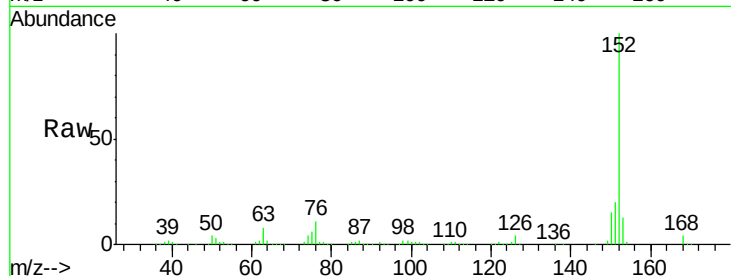
Tgt Ion:152 Resp: 596029

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

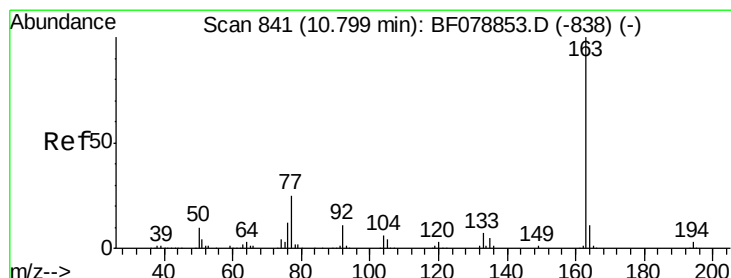
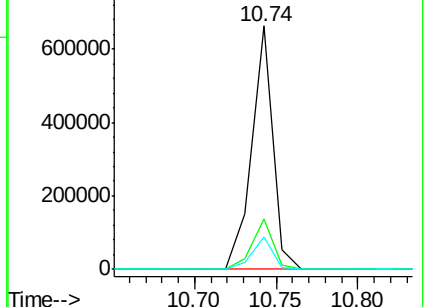
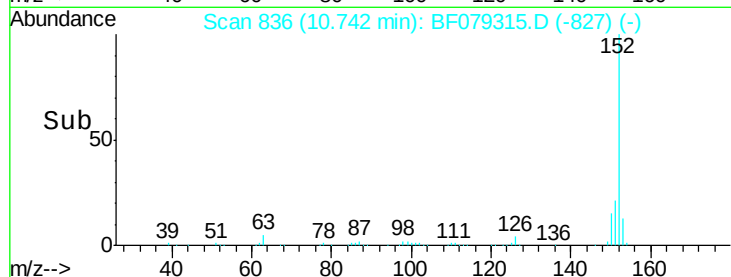
153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.75 ng

RT: 10.60 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

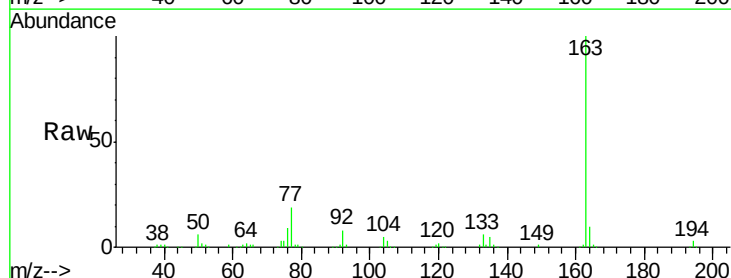
Tgt Ion:163 Resp: 439458

Ion Ratio Lower Upper

163 100

194 3.3 2.4 3.6

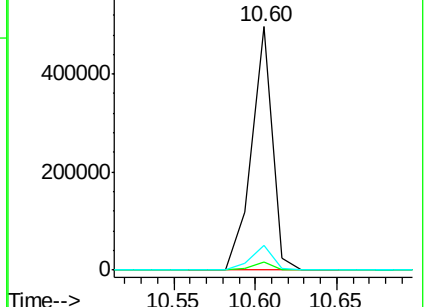
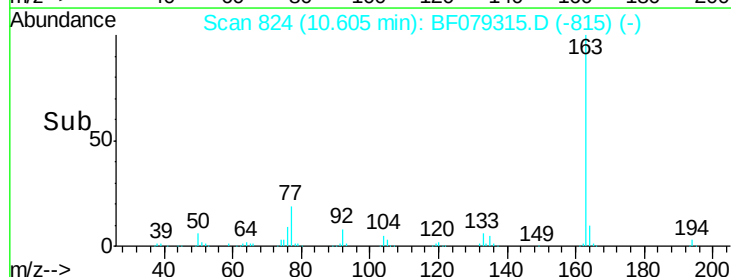
164 10.0 8.6 12.8

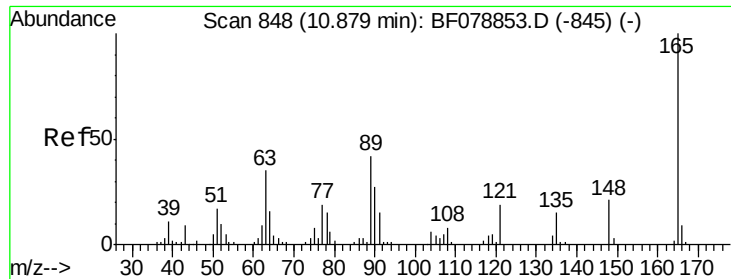


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

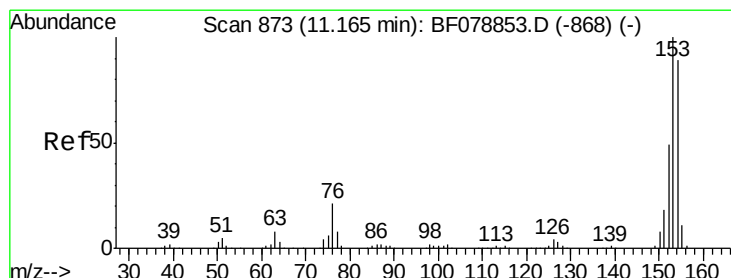
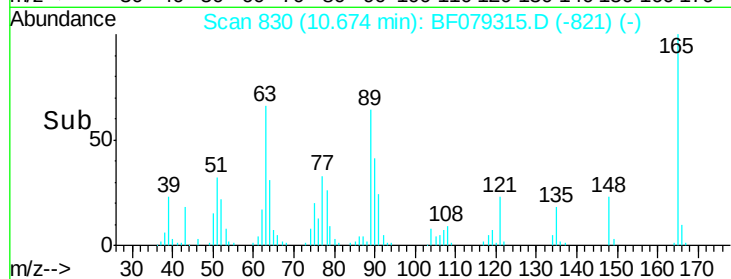
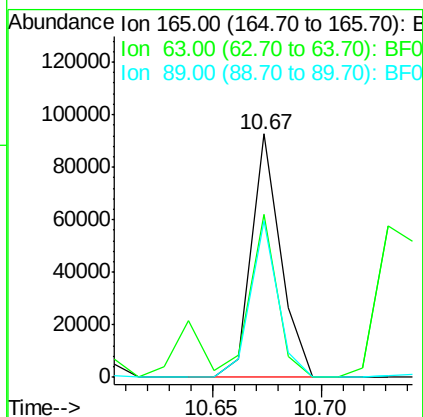
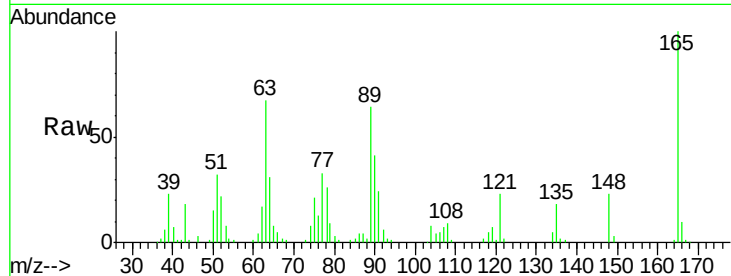




#50  
 2,6-Dinitrotoluene  
 Concen: 38.53 ng  
 RT: 10.67 min Scan# 830  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

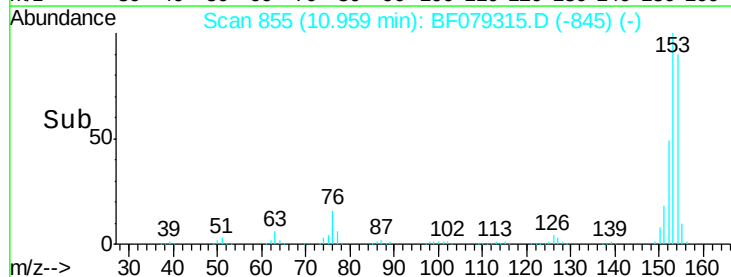
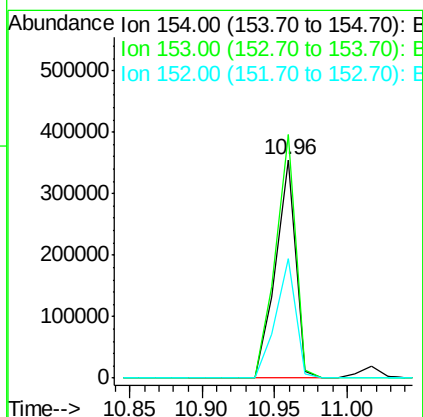
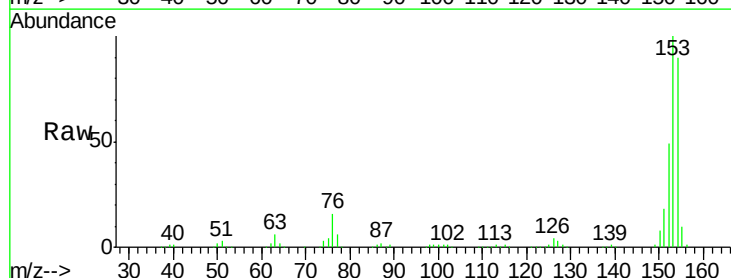
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

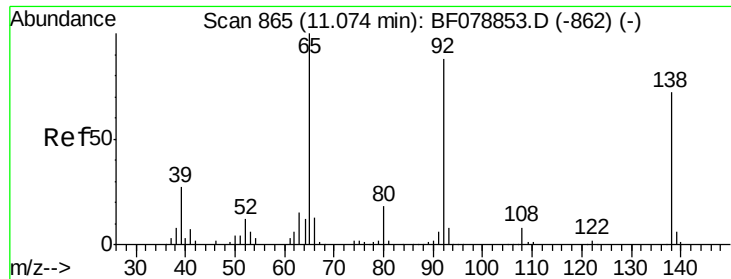
Tgt Ion:165 Resp: 86231  
 Ion Ratio Lower Upper  
 165 100  
 63 67.1 29.2 43.8#  
 89 64.2 33.3 49.9#



#51  
 Acenaphthene  
 Concen: 36.62 ng  
 RT: 10.96 min Scan# 855  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:154 Resp: 343551  
 Ion Ratio Lower Upper  
 154 100  
 153 111.6 90.2 135.2  
 152 54.9 43.8 65.8

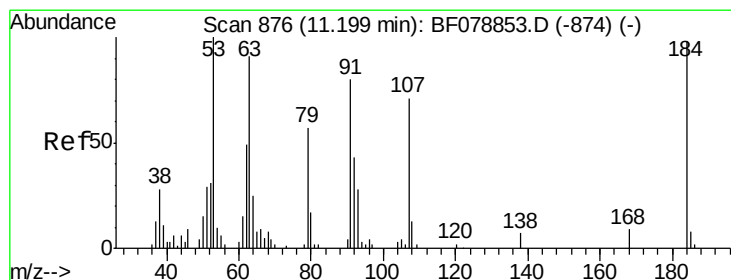
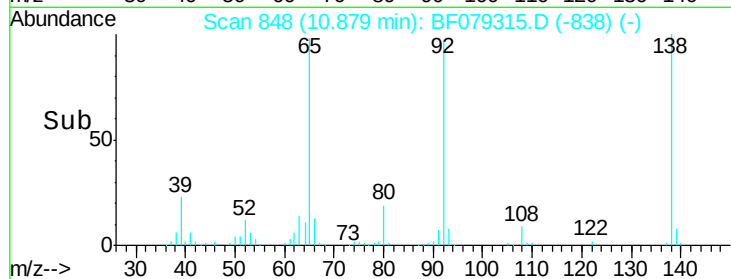
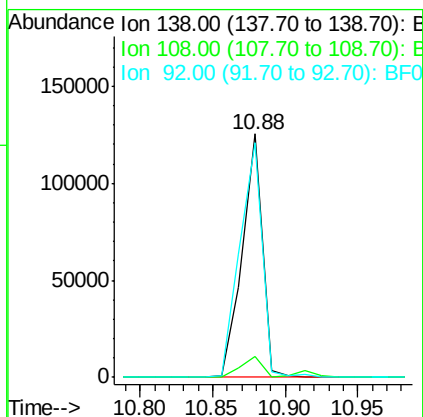
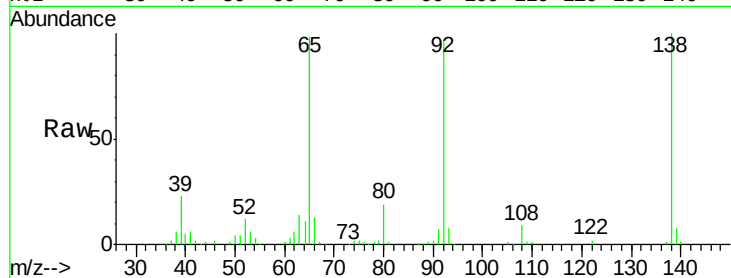




#52  
 3-Nitroaniline  
 Concen: 43.32 ng  
 RT: 10.88 min Scan# 848  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

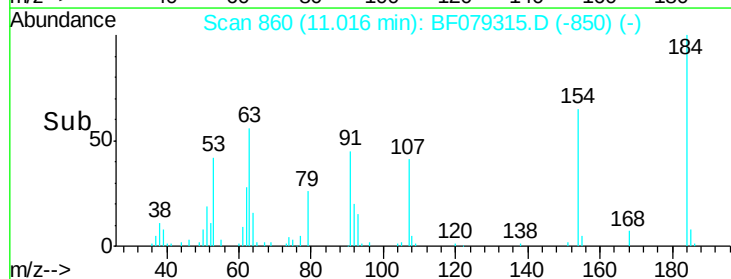
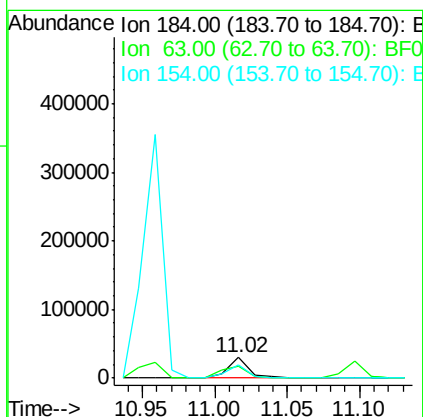
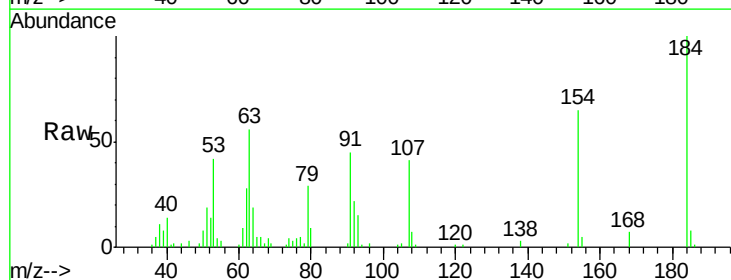
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

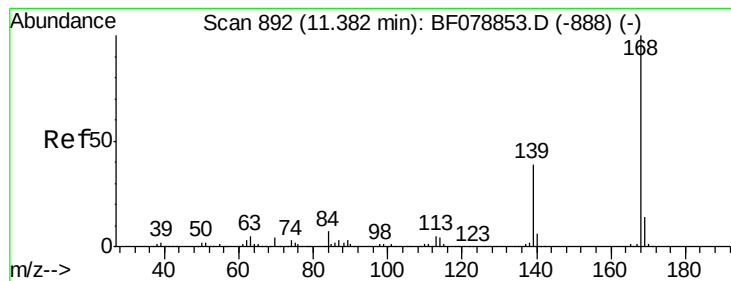
Tgt Ion:138 Resp: 121122  
 Ion Ratio Lower Upper  
 138 100  
 108 8.6 8.5 12.7  
 92 96.6 97.4 146.0#



#53  
 2,4-Dinitrophenol  
 Concen: 46.85 ng  
 RT: 11.02 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:184 Resp: 31641  
 Ion Ratio Lower Upper  
 184 100  
 63 55.5 98.8 148.2#  
 154 64.6 63.4 95.0





#54

Dibenzenofuran

Concen: 36.99 ng

RT: 11.18 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

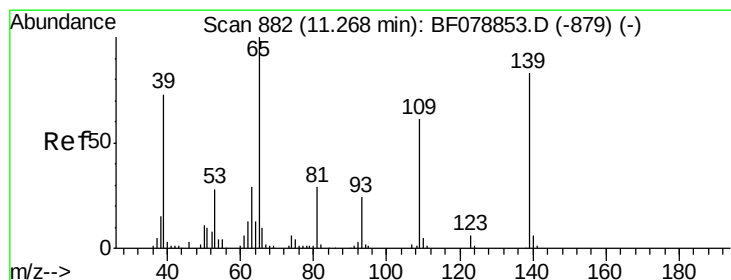
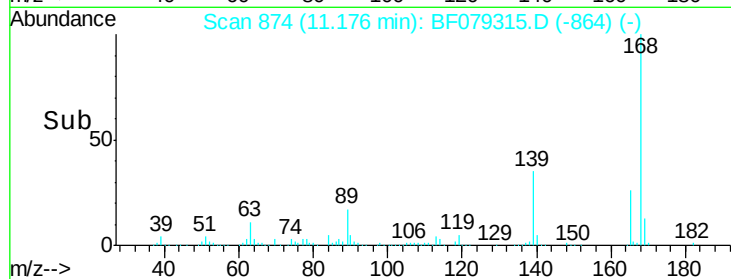
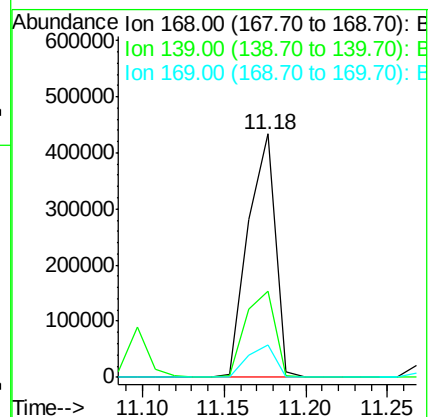
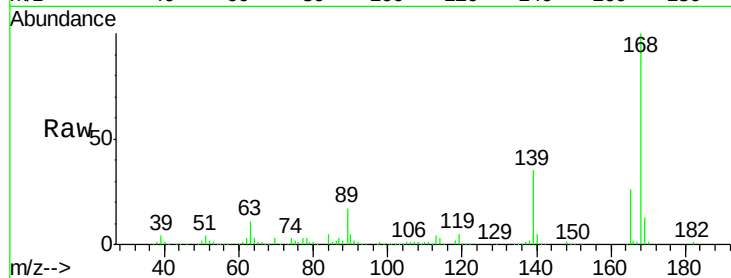
Tgt Ion:168 Resp: 501255

Ion Ratio Lower Upper

168 100

139 35.5 31.5 47.3

169 13.1 11.0 16.4



#55

4-Nitrophenol

Concen: 36.70 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

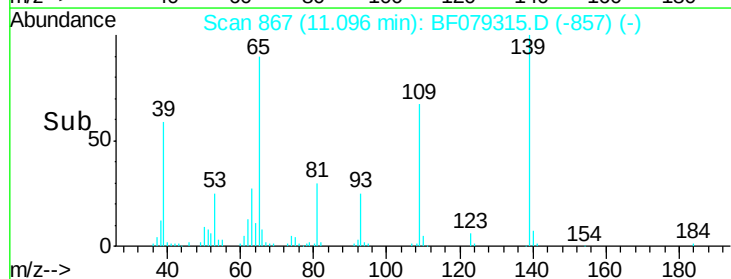
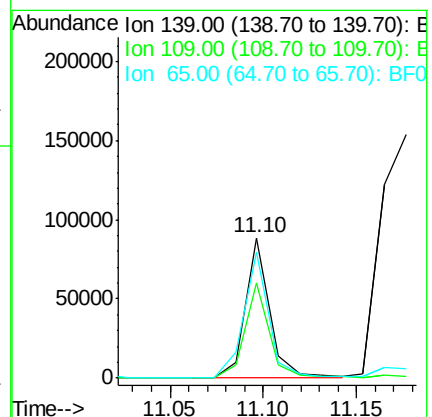
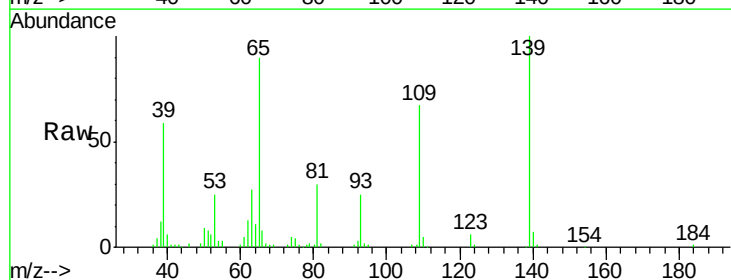
Tgt Ion:139 Resp: 81207

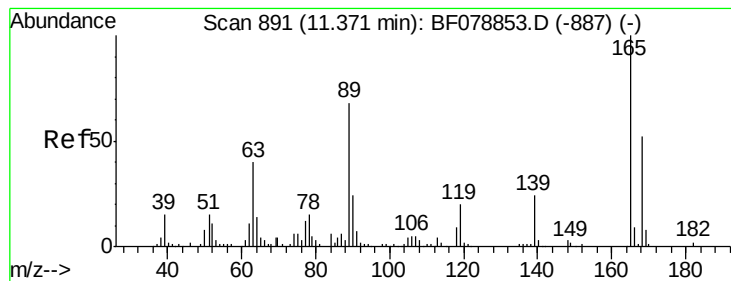
Ion Ratio Lower Upper

139 100

109 67.3 54.4 94.4

65 89.8 101.0 141.0#





#56

2,4-Dinitrotoluene

Concen: 41.17 ng

RT: 11.18 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 121827

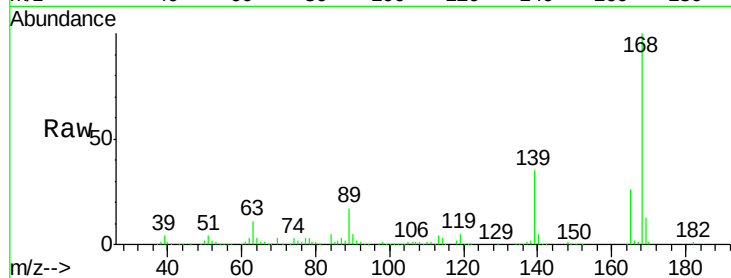
Ion Ratio Lower Upper

165 100

63 42.5 32.3 48.5

89 64.3 54.6 81.8

182 2.1 1.8 2.6

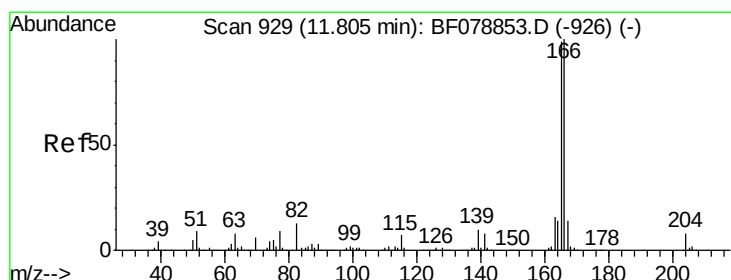
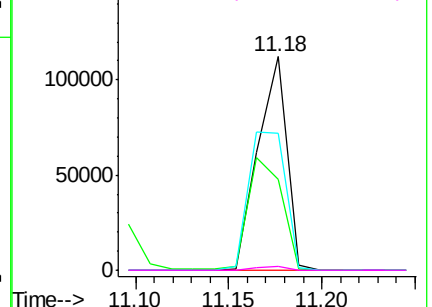
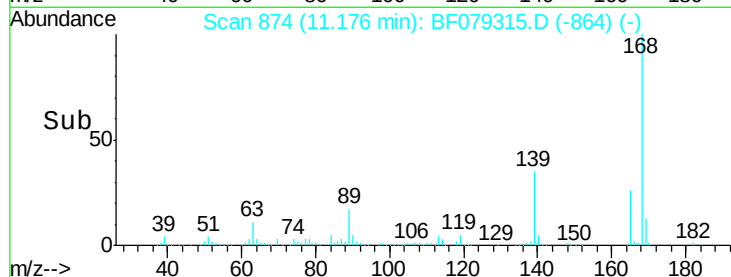


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 37.85 ng

RT: 11.60 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

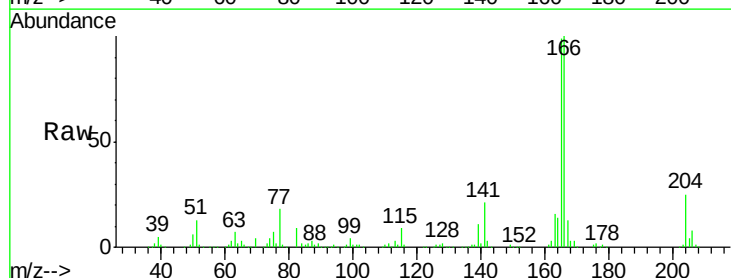
Tgt Ion:166 Resp: 420992

Ion Ratio Lower Upper

166 100

165 98.6 79.5 119.3

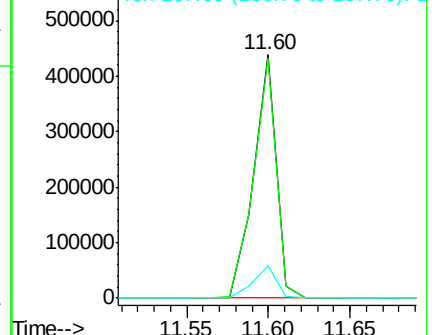
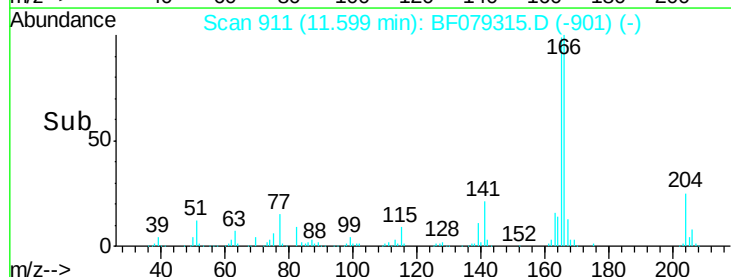
167 13.3 11.0 16.6

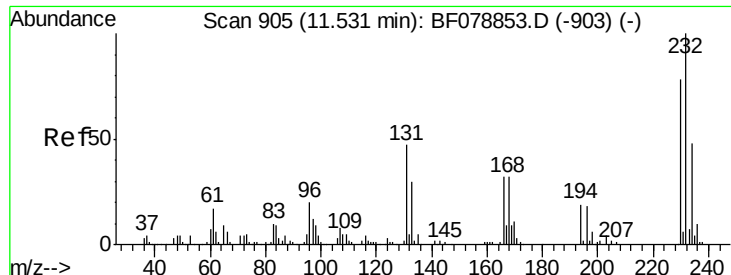


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

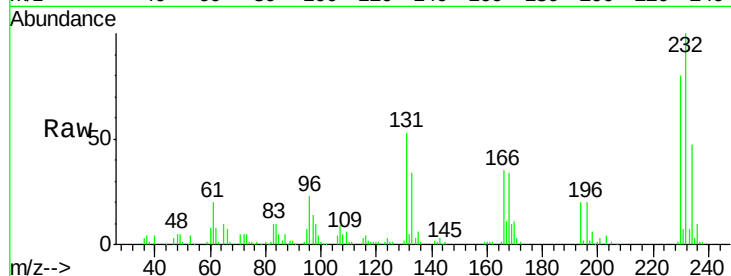




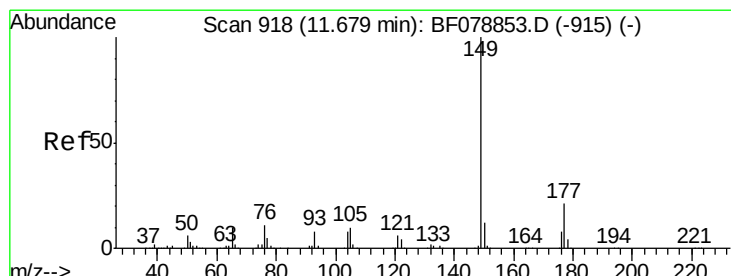
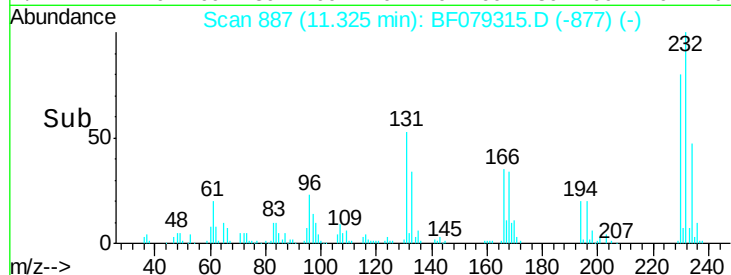
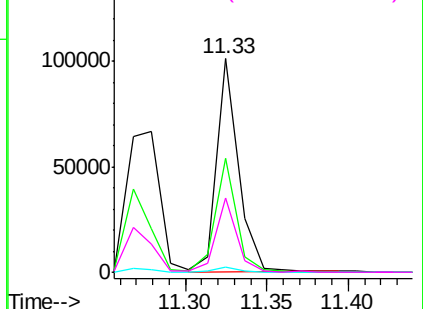
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.74 ng  
 RT: 11.33 min Scan# 887  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 93298 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 53.0  | 41.9  | 62.9  |
| 130      | 2.4   | 1.9   | 2.9   |
| 166      | 33.9  | 27.0  | 40.6  |

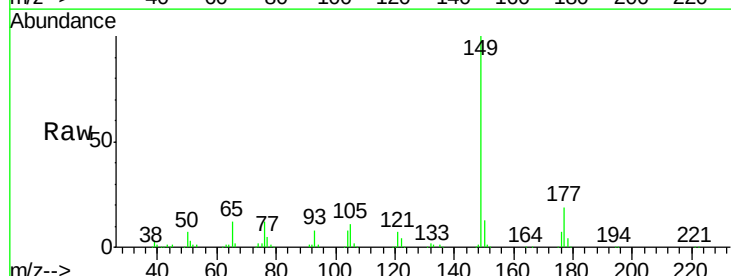


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

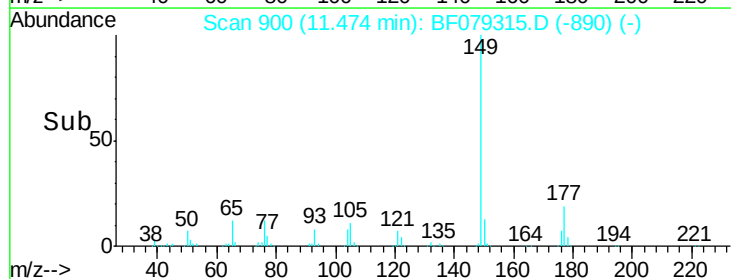
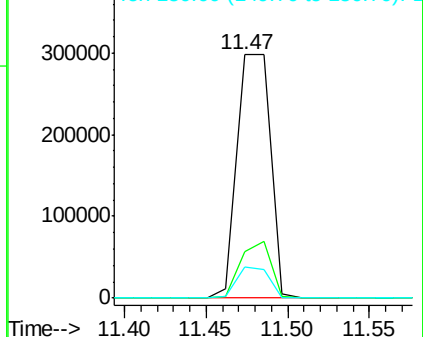


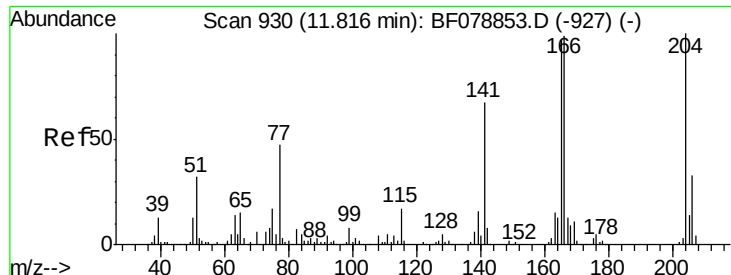
#59  
 Diethylphthalate  
 Concen: 37.46 ng  
 RT: 11.47 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 420900 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 18.8  | 16.4  | 24.6   |
| 150      | 12.8  | 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

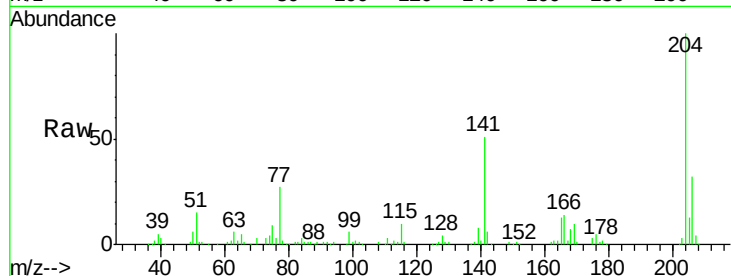




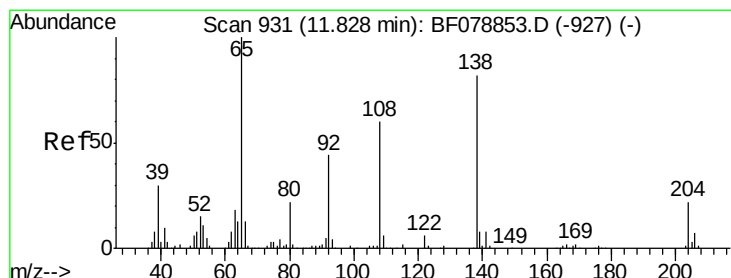
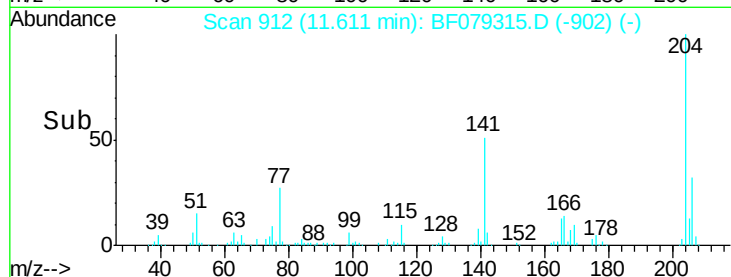
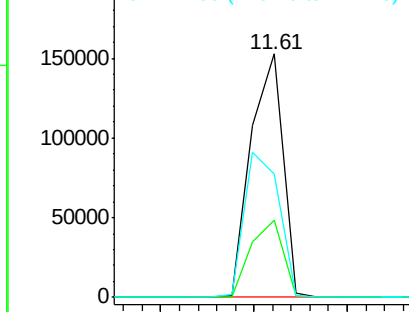
#60  
 4-Chlorophenyl-phenylether  
 Concen: 36.80 ng  
 RT: 11.61 min Scan# 912  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 204 Resp: 181614  
 Ion Ratio Lower Upper  
 204 100  
 206 31.7 26.2 39.4  
 141 50.6 53.6 80.4#

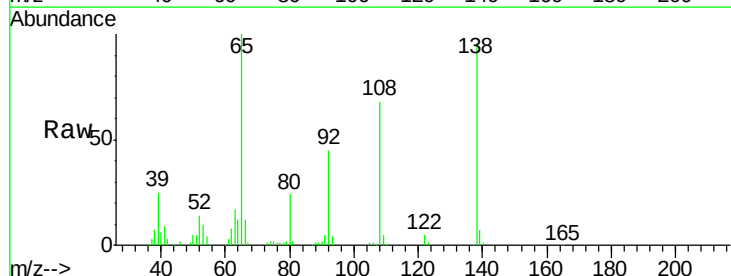


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

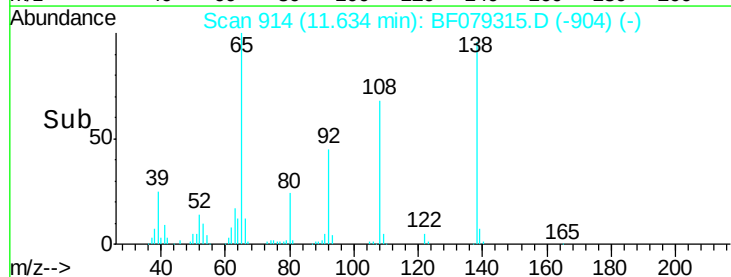
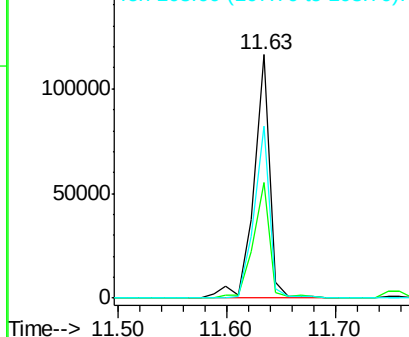


#61  
 4-Nitroaniline  
 Concen: 42.54 ng  
 RT: 11.63 min Scan# 914  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

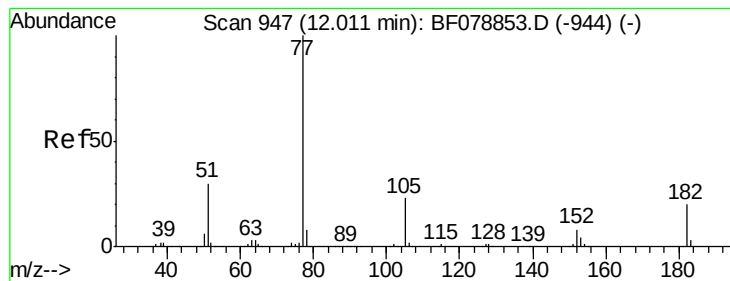
Tgt Ion: 138 Resp: 118982  
 Ion Ratio Lower Upper  
 138 100  
 92 47.6 33.7 73.7  
 108 70.7 53.4 93.4



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: 37.51 ng

RT: 11.81 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 415287

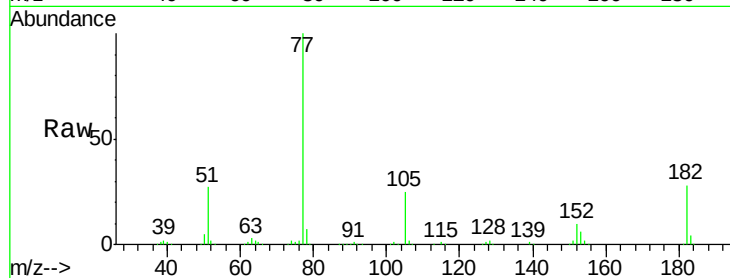
Ion Ratio Lower Upper

77 100

182 27.6 0.0 40.0

105 25.0 2.9 42.9

51 26.8 10.0 50.0

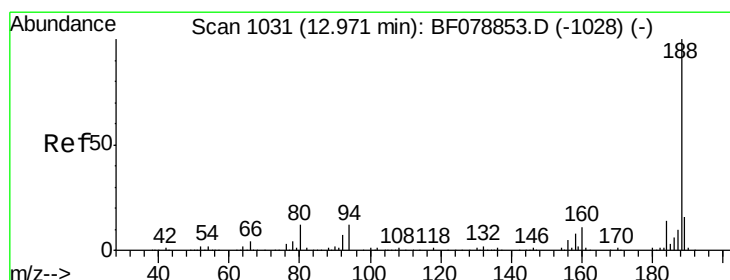
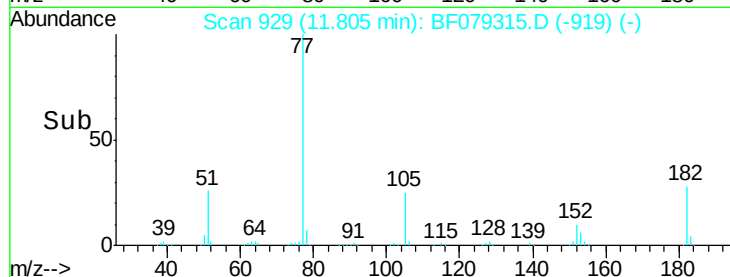
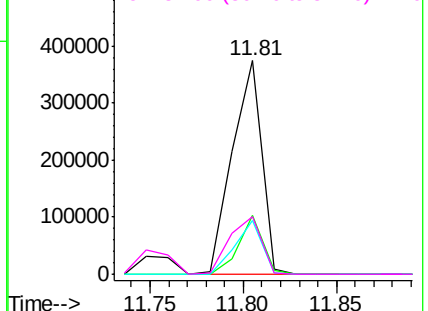


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.75 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

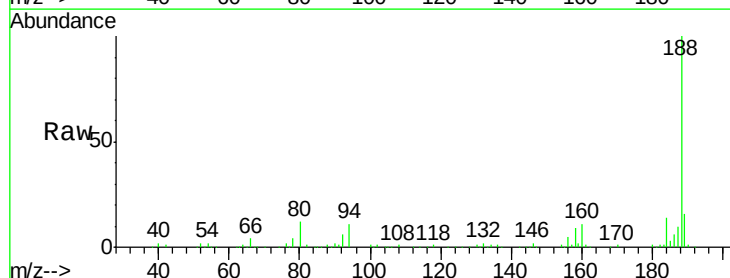
Tgt Ion: 188 Resp: 294044

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.0

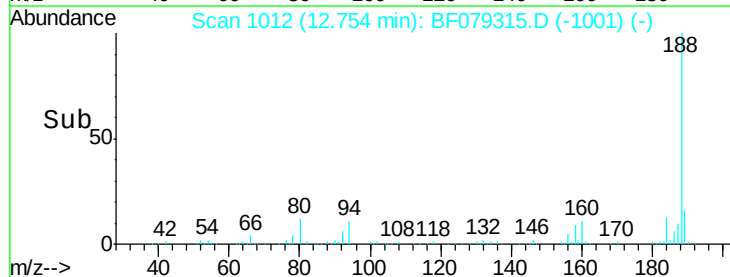
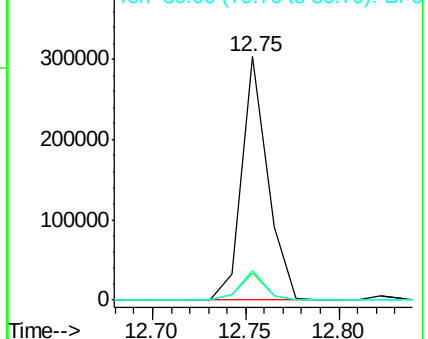
80 12.1 9.8 14.6

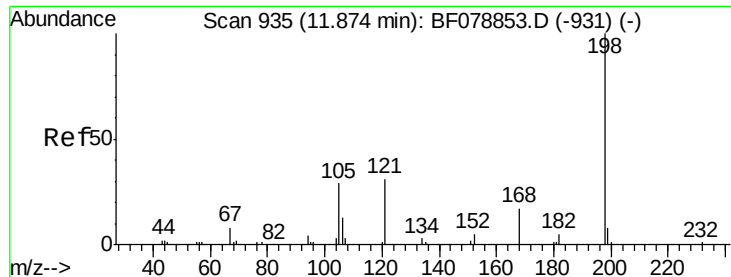


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

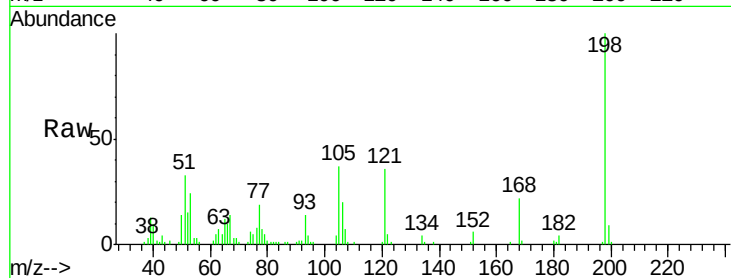




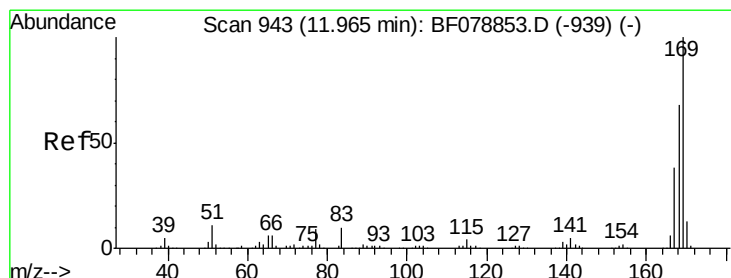
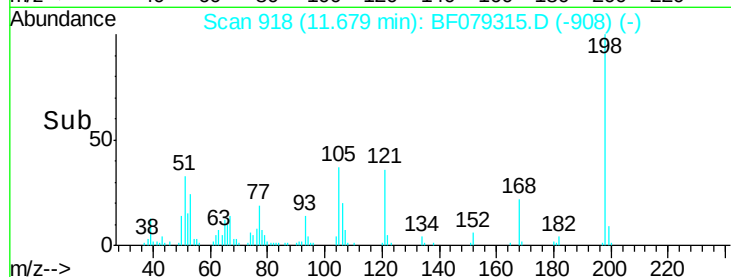
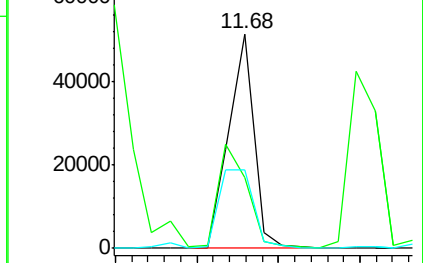
#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.67 ng  
RT: 11.68 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:198 Resp: 54887  
Ion Ratio Lower Upper  
198 100  
51 32.8 7.0 47.0  
105 36.9 13.7 53.7

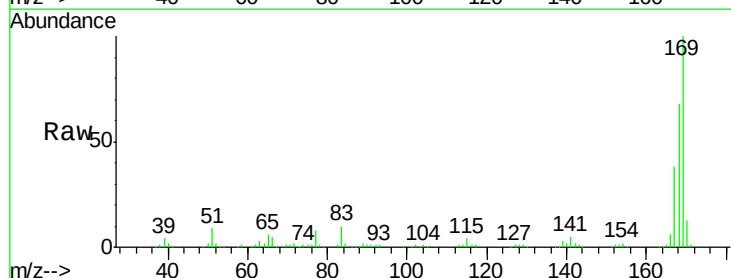


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

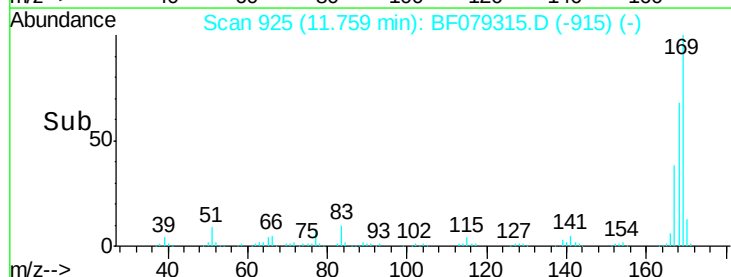
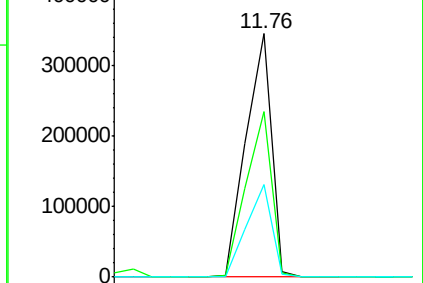


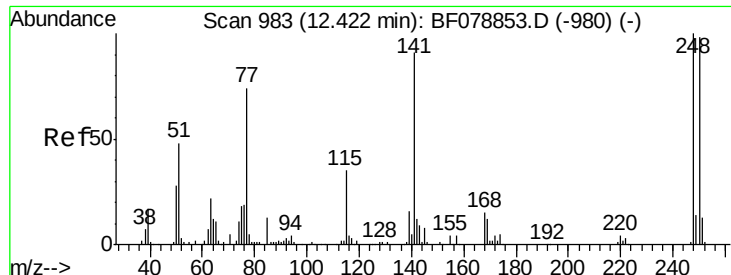
#65  
n-Nitrosodiphenylamine  
Concen: 38.24 ng  
RT: 11.76 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Tgt Ion:169 Resp: 374435  
Ion Ratio Lower Upper  
169 100  
168 67.9 54.1 81.1  
167 38.1 30.1 45.1



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

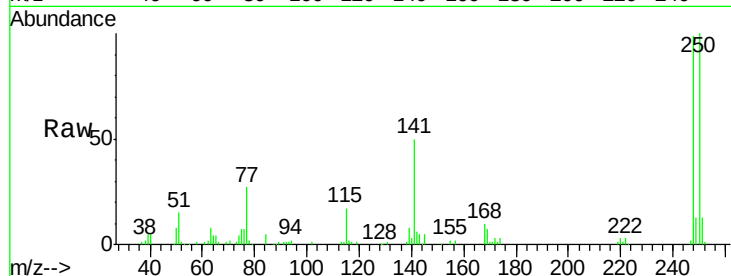




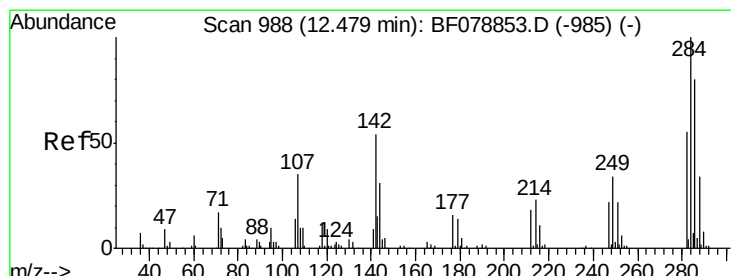
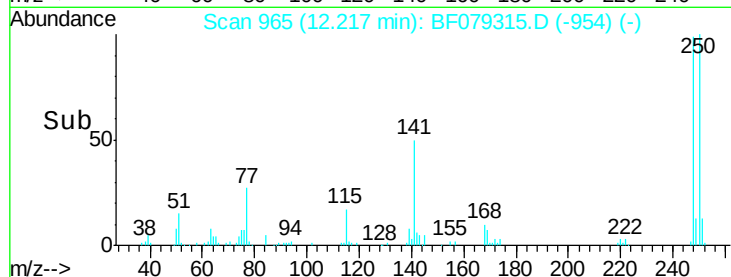
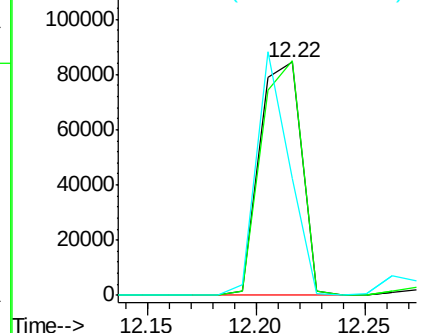
#66  
 4-Bromophenyl-phenylether  
 Concen: 37.32 ng  
 RT: 12.22 min Scan# 965  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:248 Resp: 114382  
 Ion Ratio Lower Upper  
 248 100  
 250 100.7 78.0 117.0  
 141 50.3 72.6 109.0#

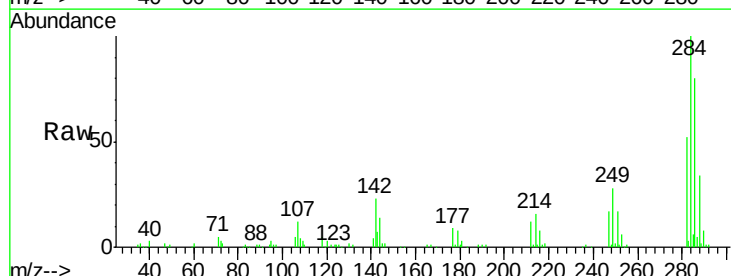


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

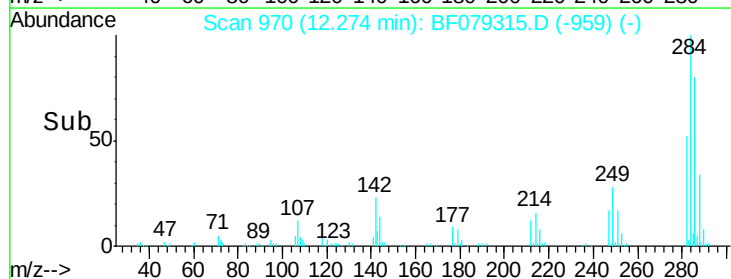
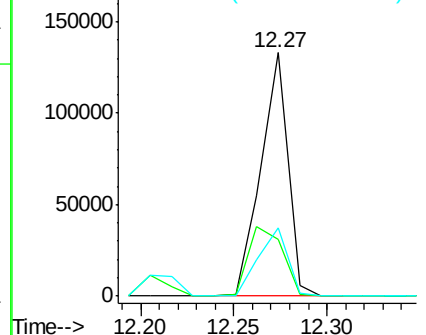


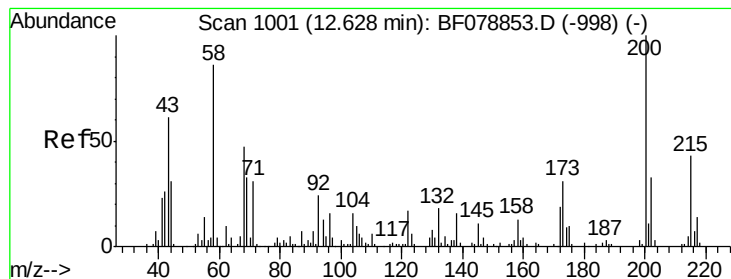
#67  
 Hexachlorobenzene  
 Concen: 38.08 ng  
 RT: 12.27 min Scan# 970  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

Tgt Ion:284 Resp: 133407  
 Ion Ratio Lower Upper  
 284 100  
 142 23.4 43.2 64.8#  
 249 28.3 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: 39.48 ng

RT: 12.43 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

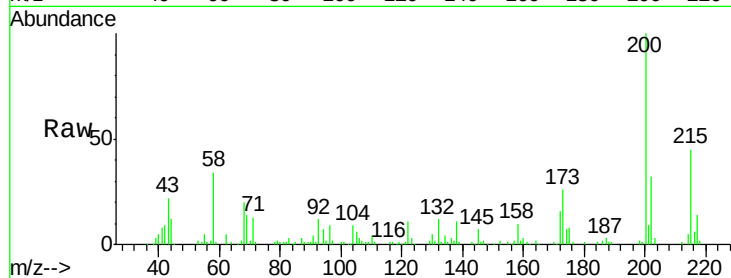
Tgt Ion:200 Resp: 112434

Ion Ratio Lower Upper

200 100

173 25.7 10.9 50.9

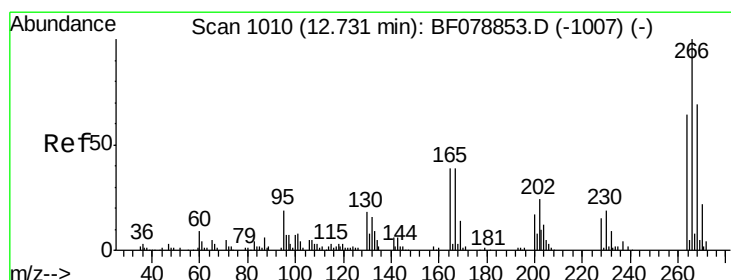
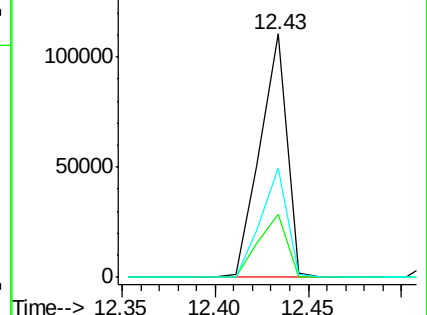
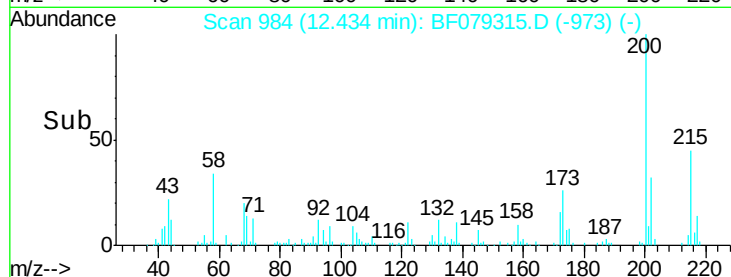
215 44.7 23.2 63.2



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: 36.11 ng

RT: 12.53 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

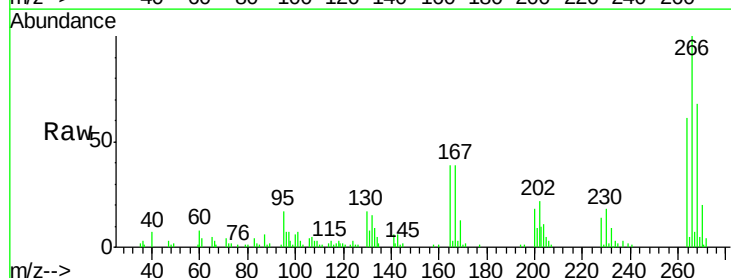
Tgt Ion:266 Resp: 65588

Ion Ratio Lower Upper

266 100

268 68.0 55.0 82.6

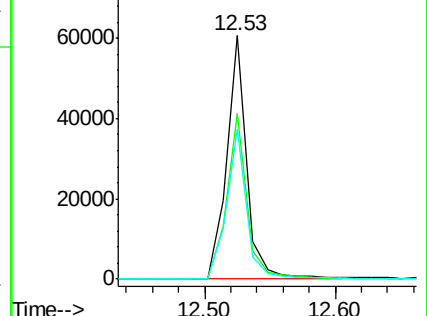
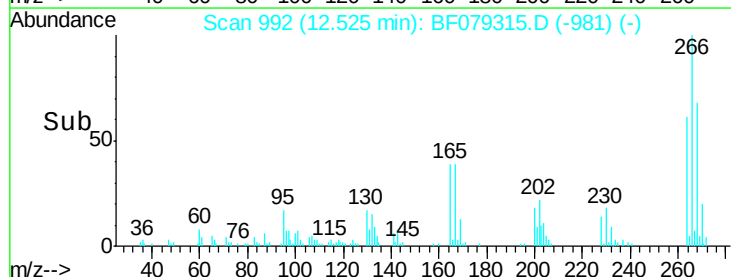
264 61.4 50.9 76.3

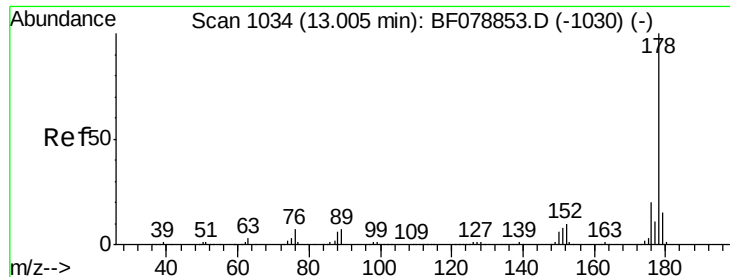


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

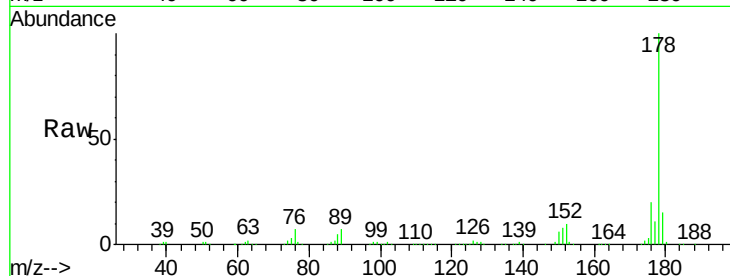




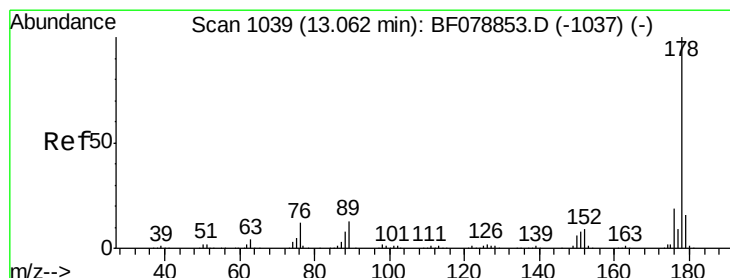
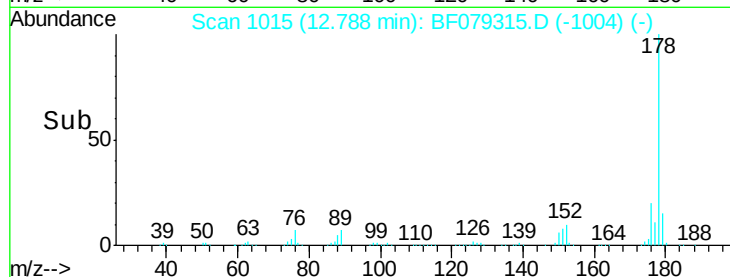
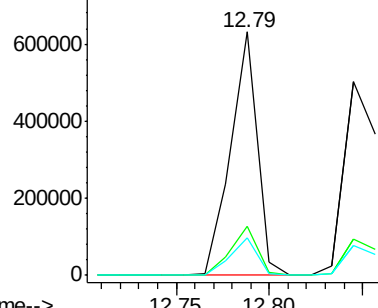
#70  
Phenanthrene  
Concen: 37.83 ng  
RT: 12.79 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:178 Resp: 622284  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.9 23.9  
179 15.4 12.2 18.4

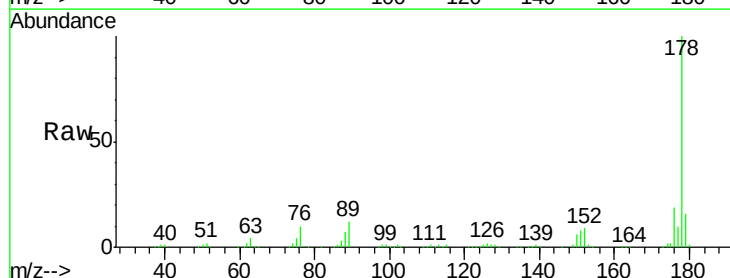


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

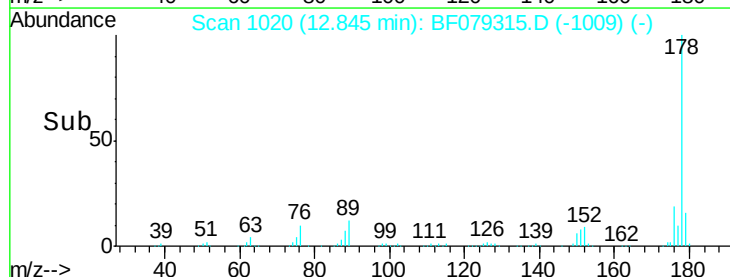
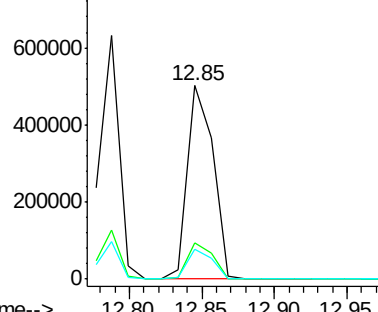


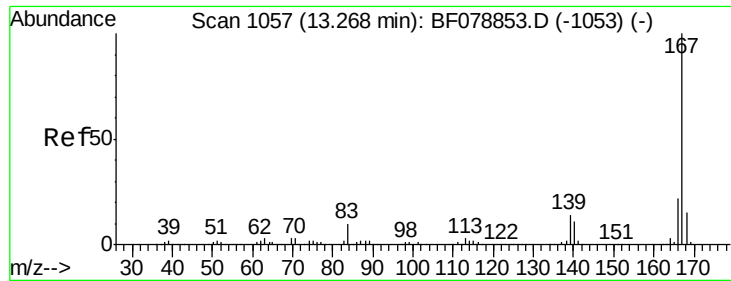
#71  
Anthracene  
Concen: 38.38 ng  
RT: 12.85 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Tgt Ion:178 Resp: 619404  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.7 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: 39.34 ng

RT: 13.06 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

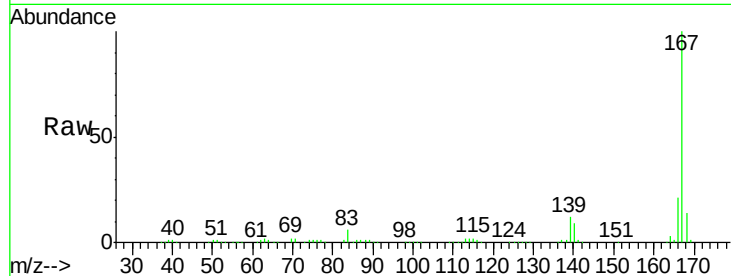
Tgt Ion:167 Resp: 605114

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

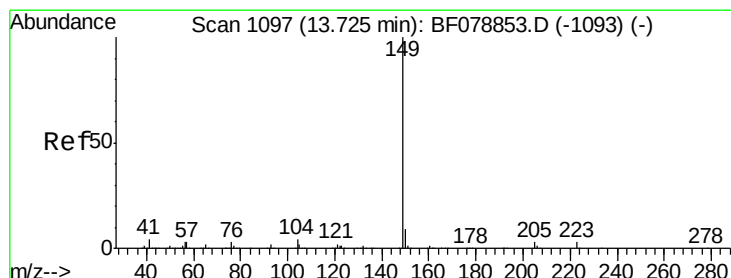
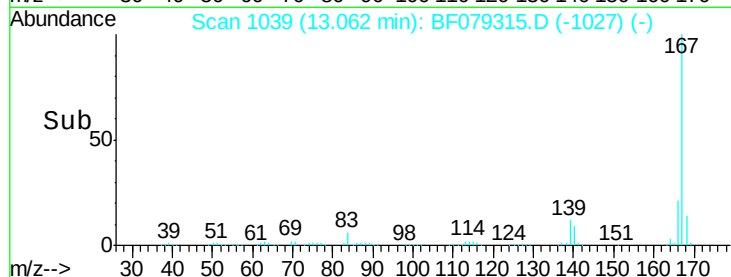
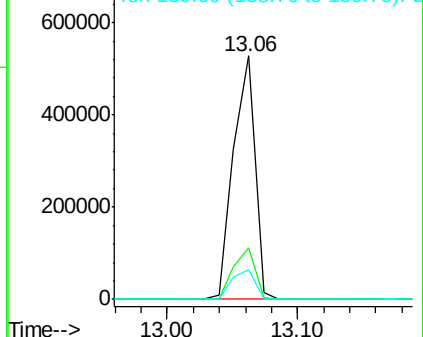
139 12.5 11.0 16.4



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: 38.96 ng

RT: 13.51 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

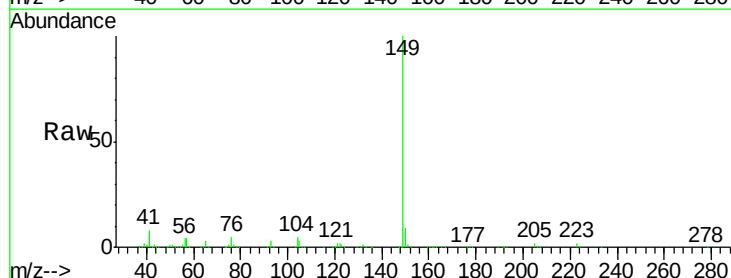
Tgt Ion:149 Resp: 718629

Ion Ratio Lower Upper

149 100

150 9.5 7.0 10.4

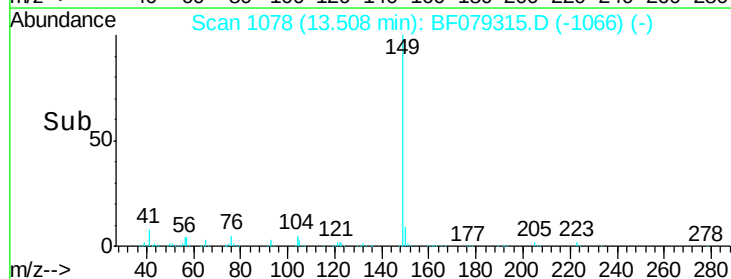
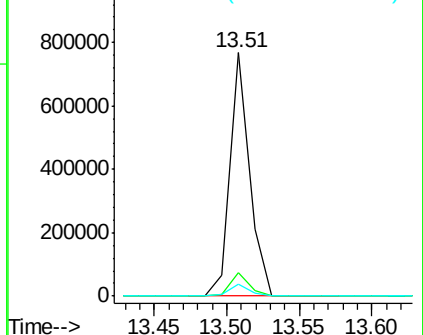
104 5.0 3.3 4.9#

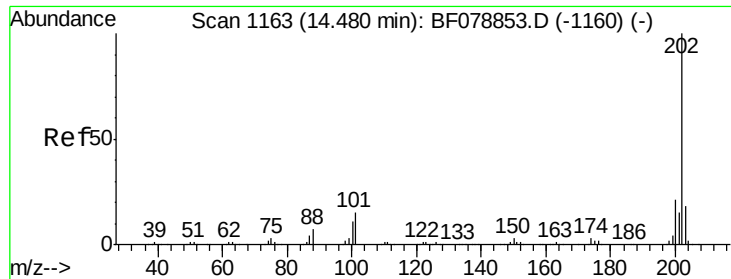


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

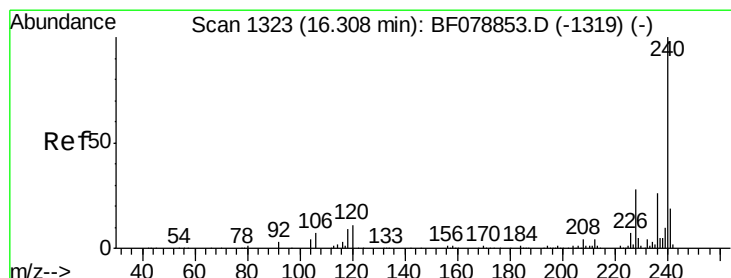
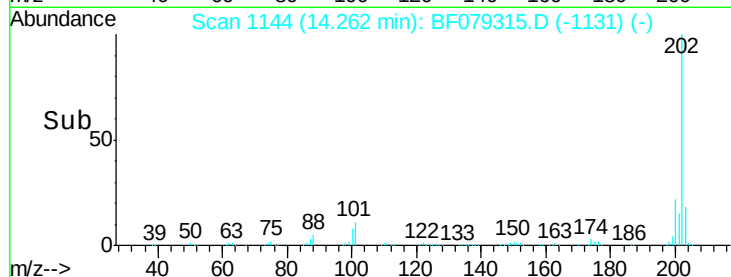
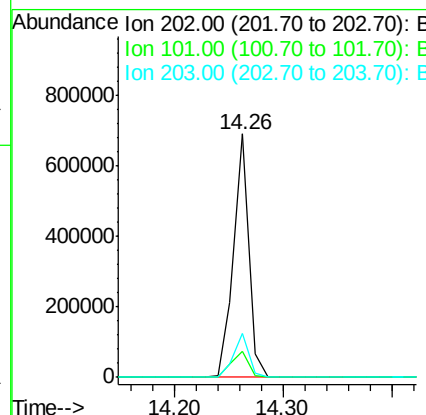
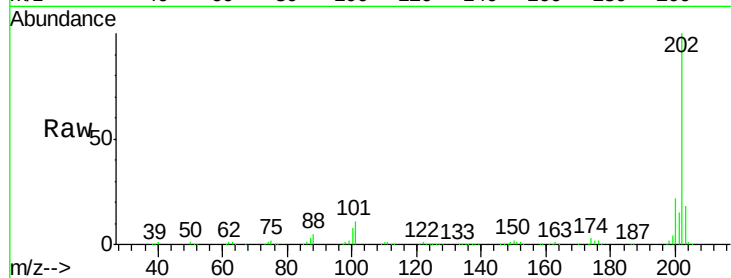




#74  
 Fluoranthene  
 Concen: 39.12 ng  
 RT: 14.26 min Scan# 1144  
 Delta R.T. 0.00 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

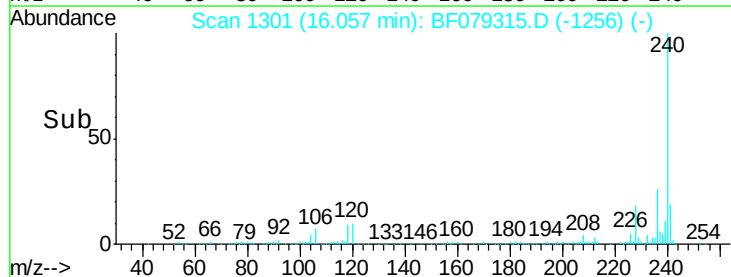
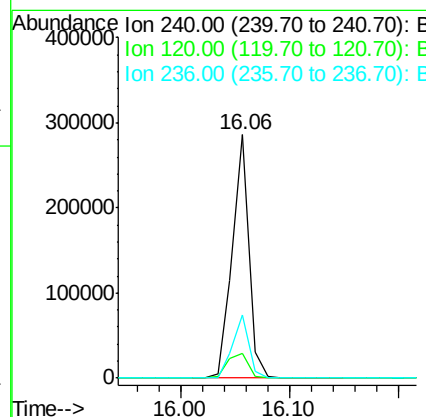
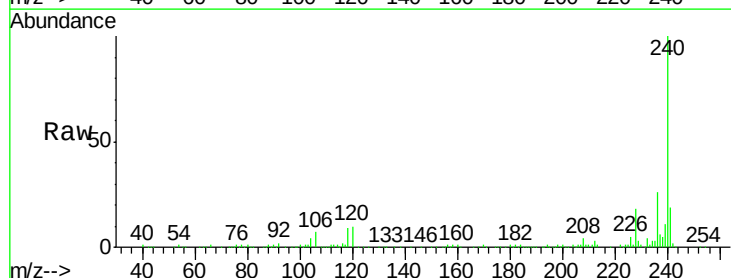
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

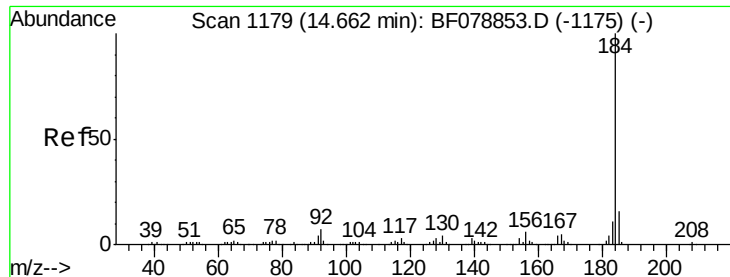
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.7  | 0.0   | 34.7  |
| 203     | 17.9  | 0.0   | 37.9  |



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 16.06 min Scan# 1301  
 Delta R.T. 0.01 min  
 Lab File: BF079315.D  
 Acq: 18 May 2015 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.1  | 8.6   | 12.8  |
| 236     | 26.1  | 21.0  | 31.6  |





#76

Benzidine

Concen: 44.24 ng

RT: 14.45 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

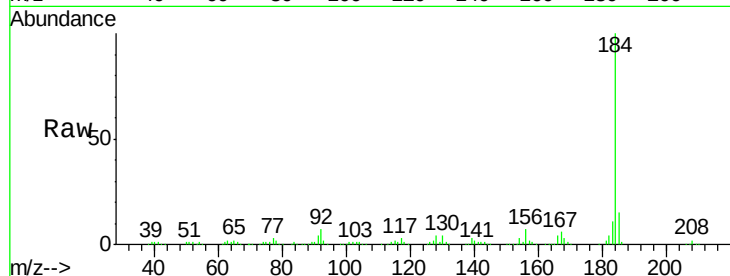
Tgt Ion:184 Resp: 360204

Ion Ratio Lower Upper

184 100

185 14.6 12.8 19.2

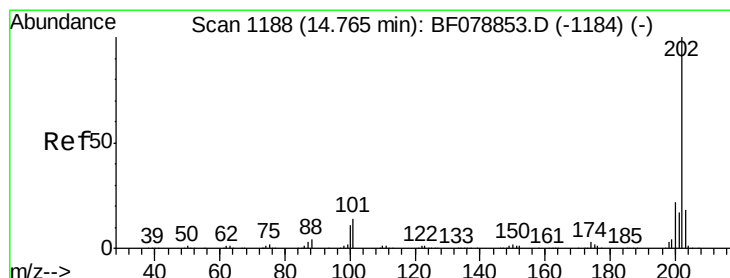
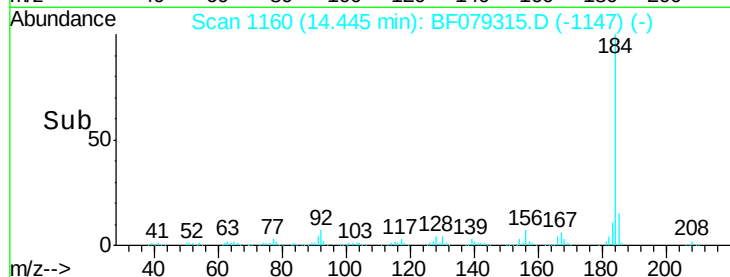
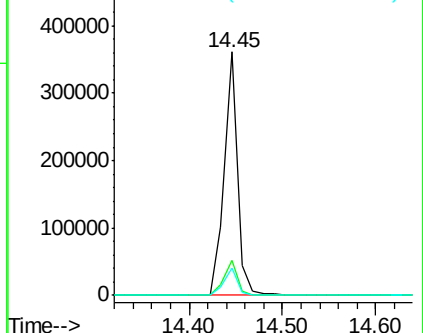
183 11.1 9.0 13.4



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: 38.98 ng

RT: 14.54 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

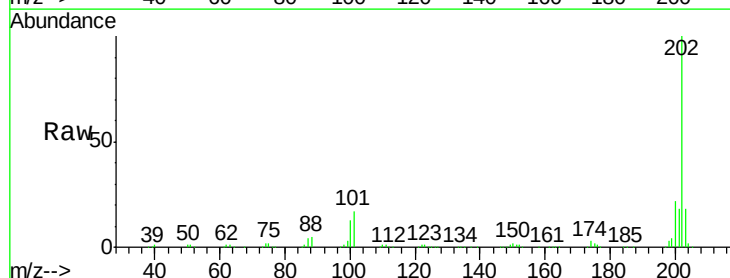
Tgt Ion:202 Resp: 678685

Ion Ratio Lower Upper

202 100

200 22.1 17.5 26.3

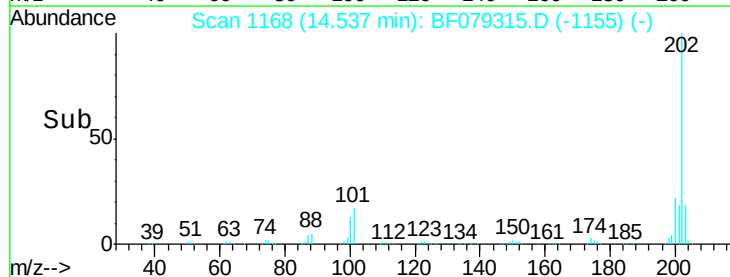
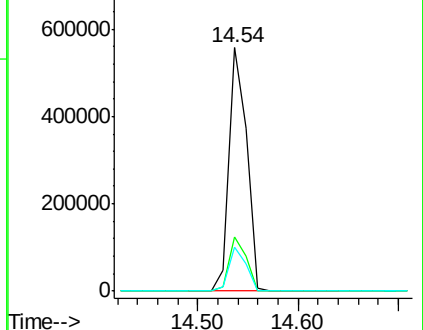
203 18.1 14.7 22.1



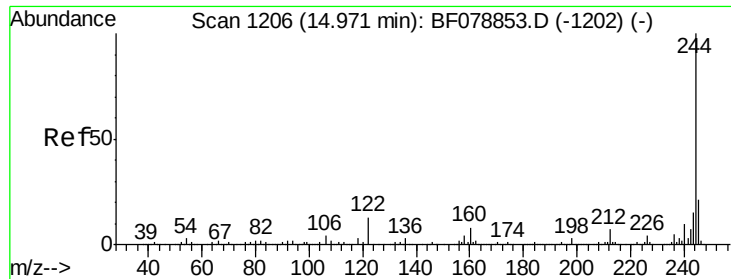
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







#78

Terphenyl-d14

Concen: 76.22 ng

RT: 14.75 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

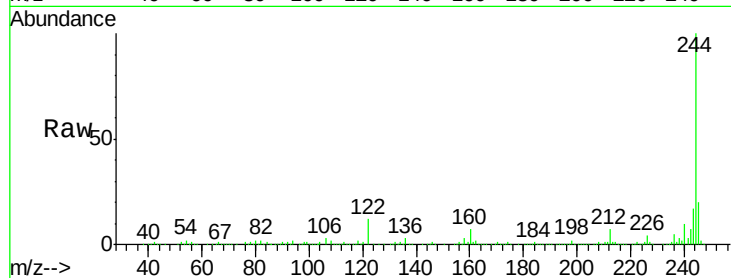
Tgt Ion:244 Resp: 961896

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

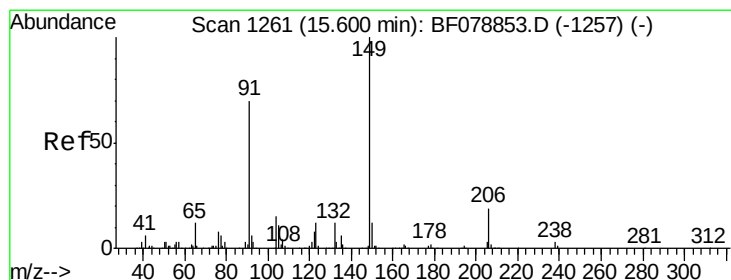
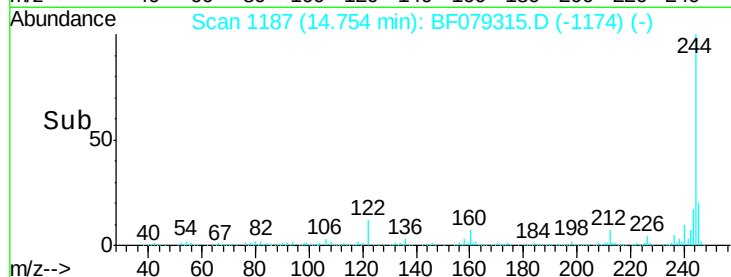
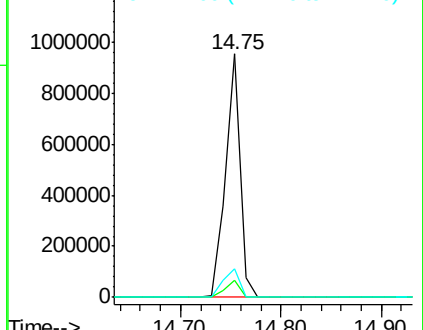
122 11.5 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.06 ng

RT: 15.37 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

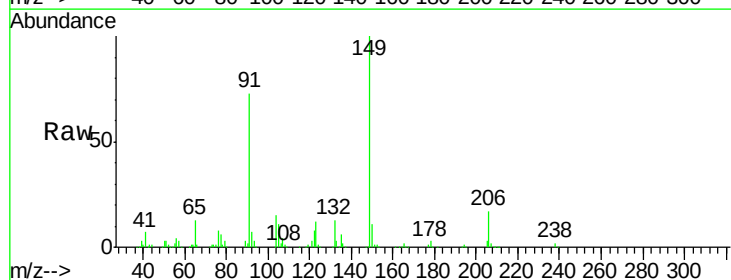
Tgt Ion:149 Resp: 327690

Ion Ratio Lower Upper

149 100

91 72.8 56.2 84.2

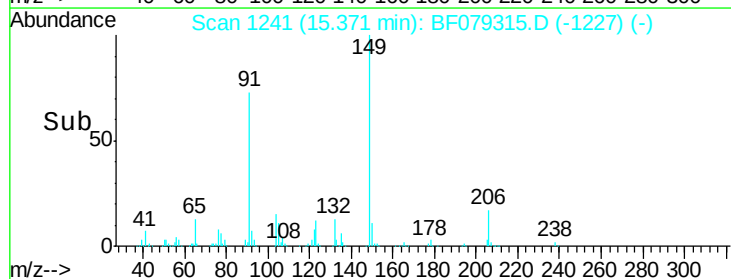
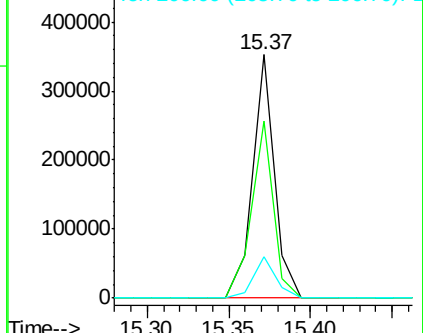
206 16.9 15.2 22.8

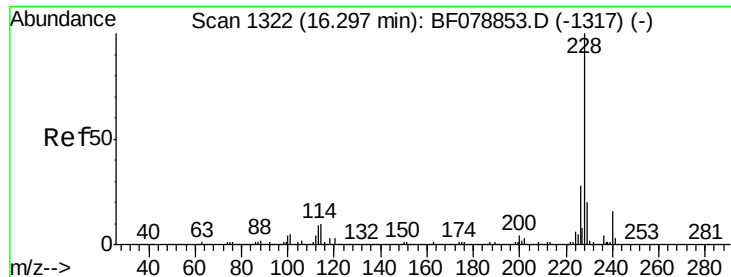


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.92 ng

RT: 16.05 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

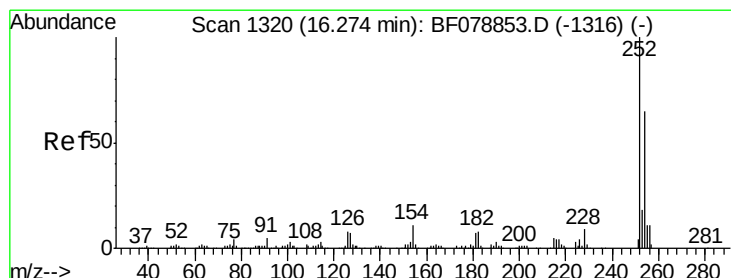
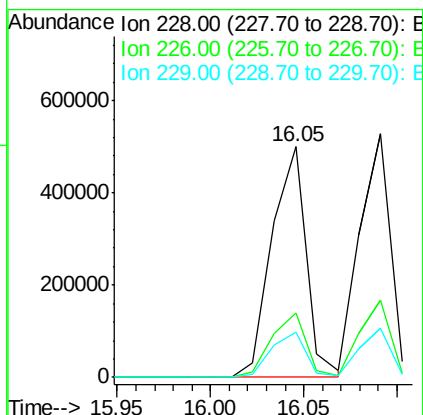
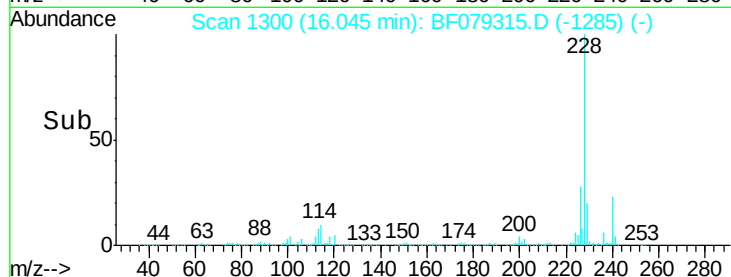
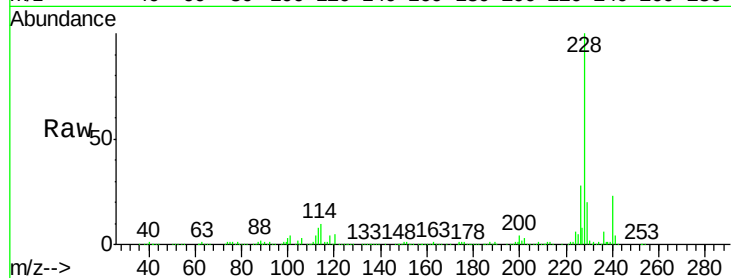
Tgt Ion:228 Resp: 643897

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

229 19.6 16.1 24.1



#81

3,3'-Dichlorobenzidine

Concen: 40.83 ng

RT: 16.02 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

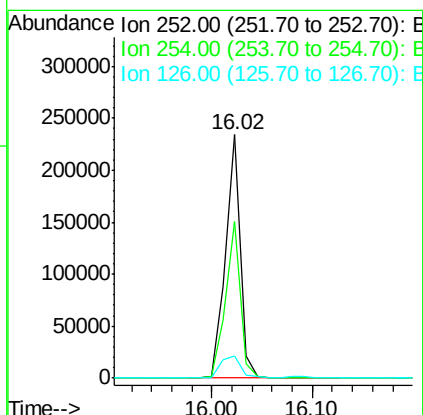
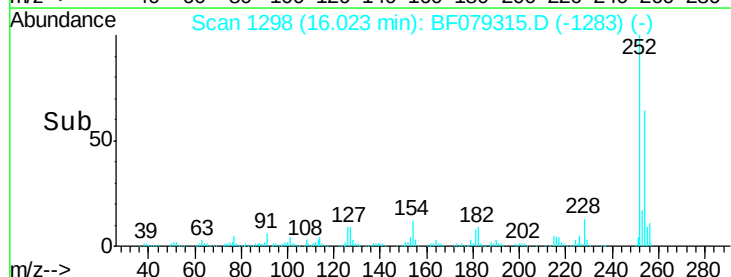
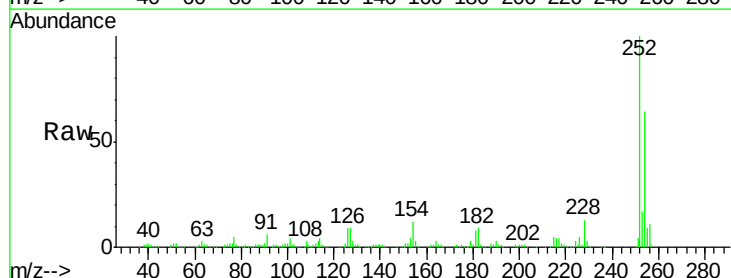
Tgt Ion:252 Resp: 240630

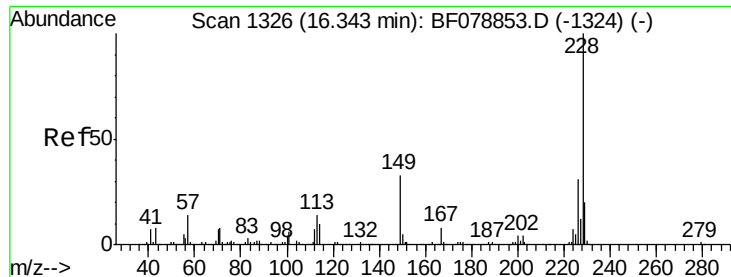
Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.2

126 9.3 6.6 9.8





#82

Chrysene

Concen: 37.90 ng

RT: 16.09 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

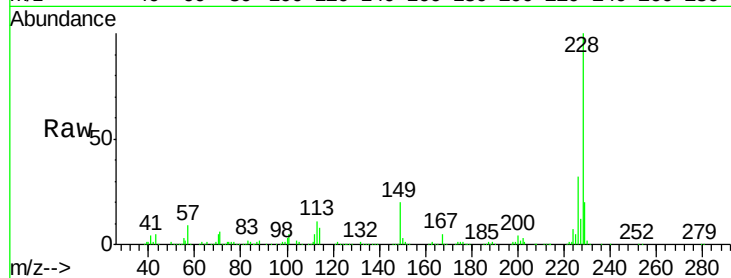
Tgt Ion:228 Resp: 603096

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

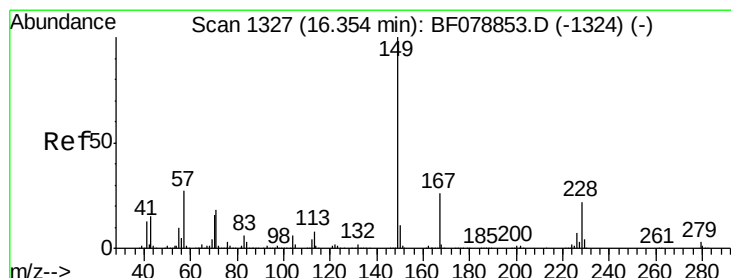
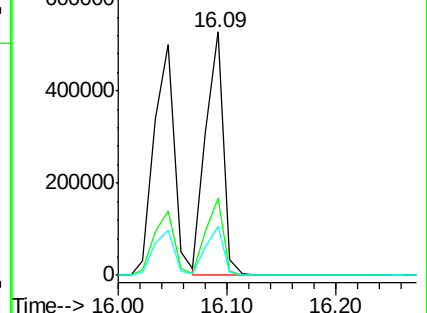
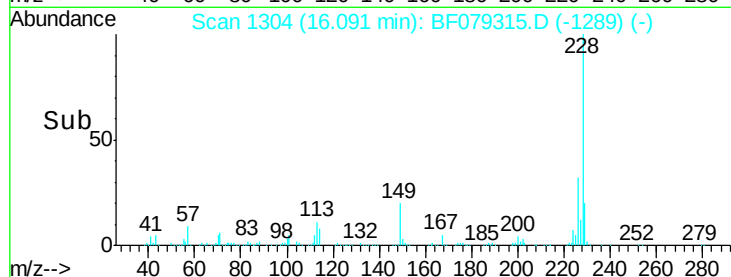
229 20.0 16.1 24.1



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: 40.31 ng

RT: 16.10 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

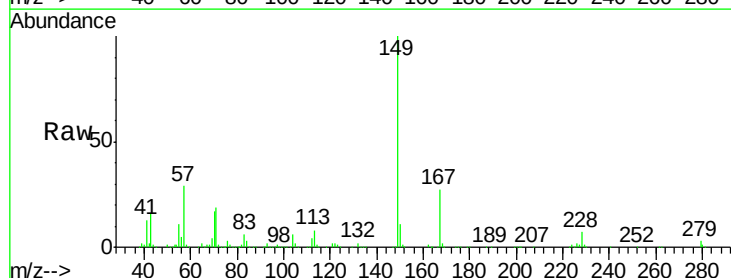
Tgt Ion:149 Resp: 464633

Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

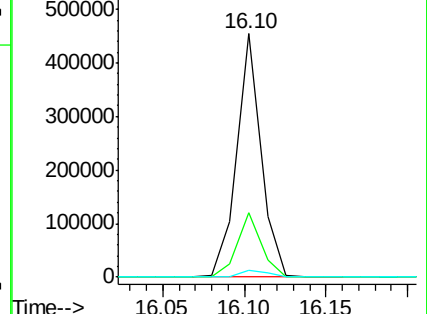
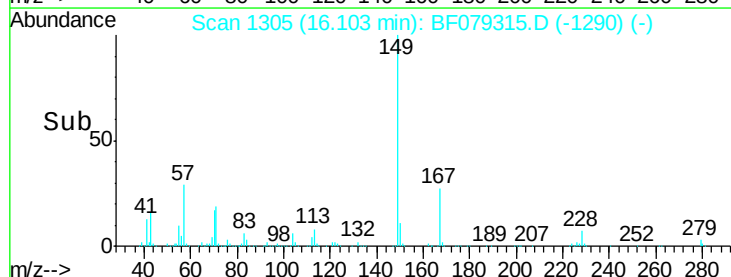
279 2.7 2.6 4.0

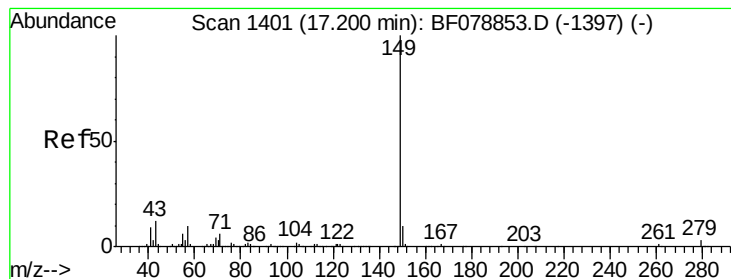


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.61 ng

RT: 16.93 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

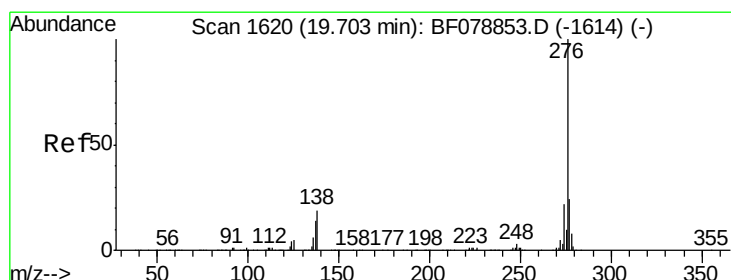
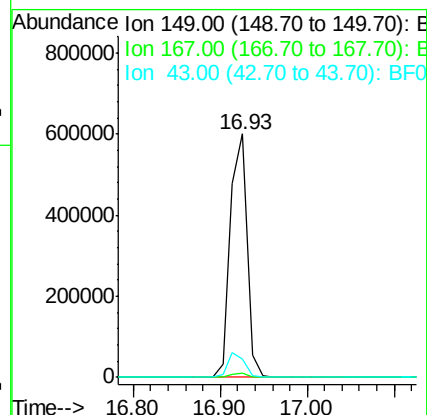
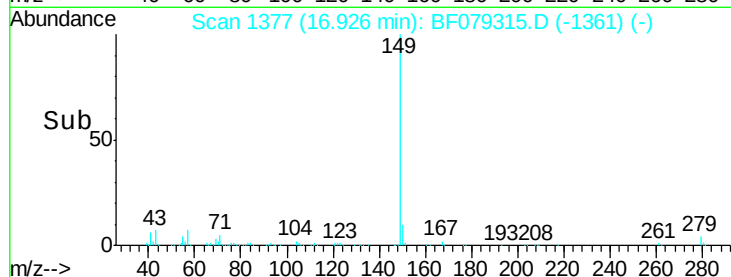
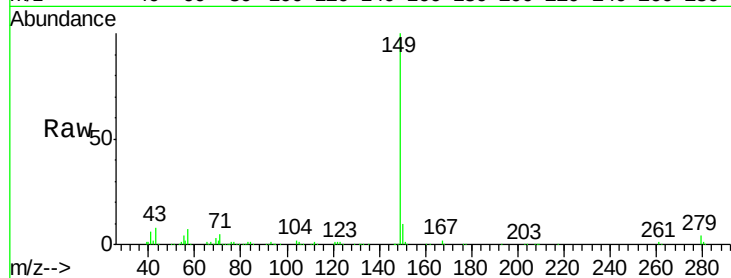
Tgt Ion:149 Resp: 804122

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.1 9.0 13.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 37.34 ng

RT: 19.26 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

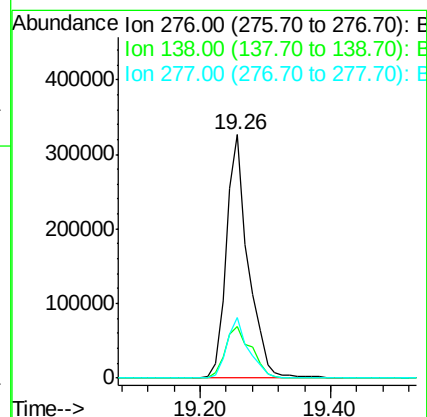
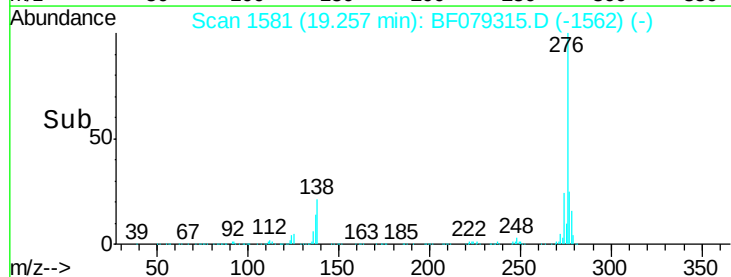
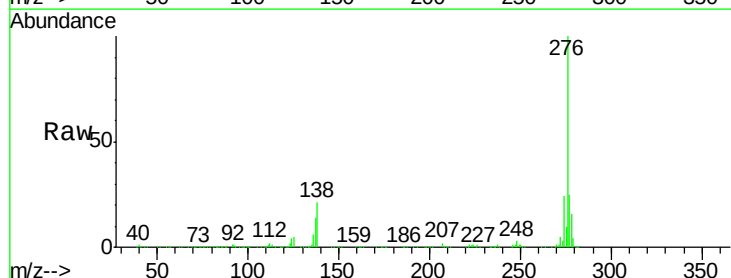
Tgt Ion:276 Resp: 757114

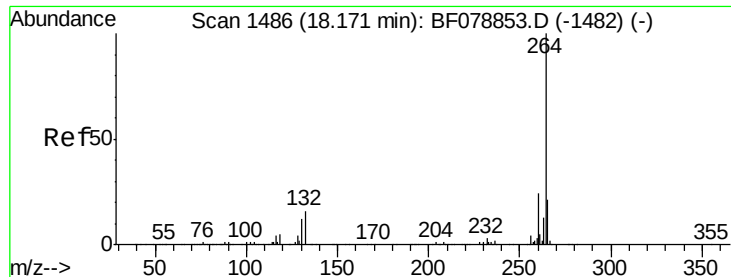
Ion Ratio Lower Upper

276 100

138 25.6 21.1 31.7

277 24.9 19.9 29.9

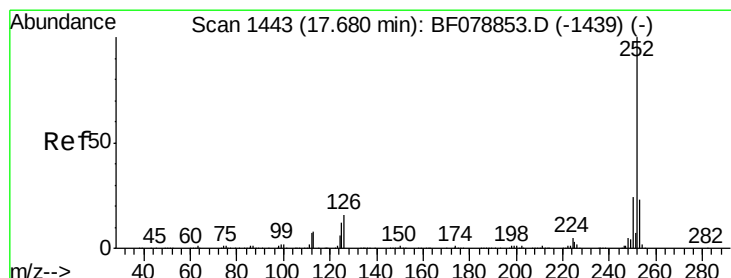
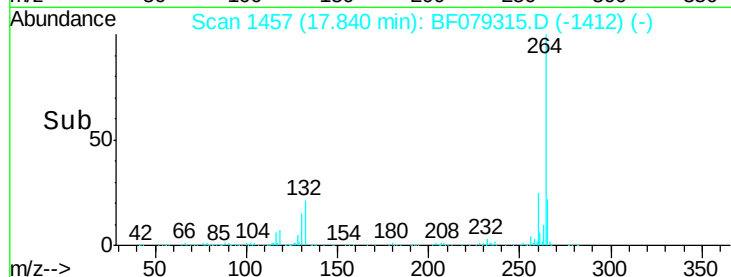
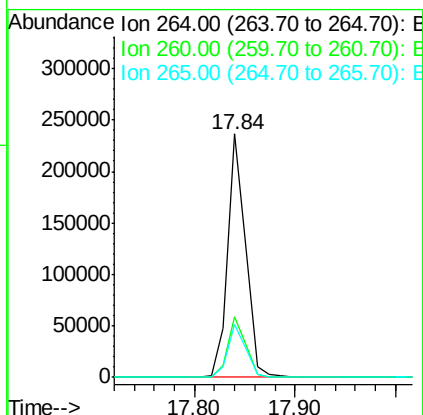
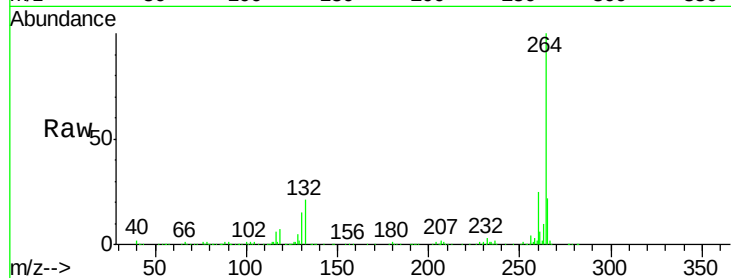




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.84 min Scan# 1457  
Delta R.T. 0.01 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

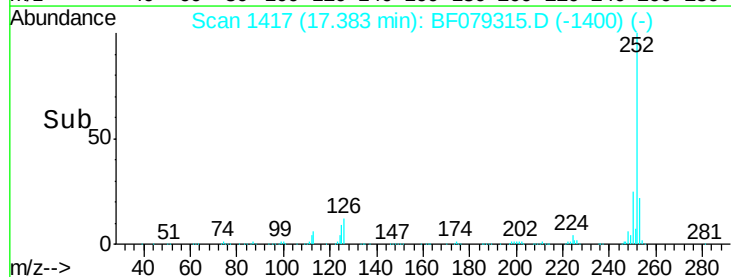
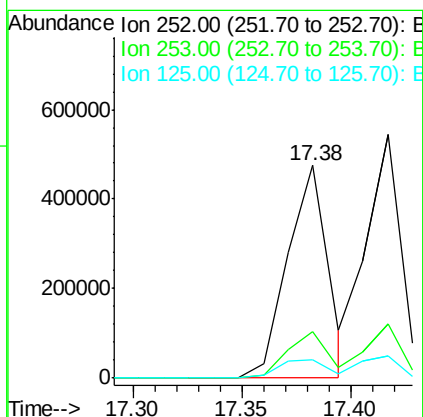
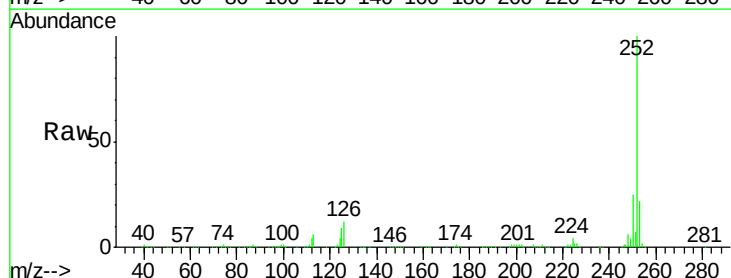
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

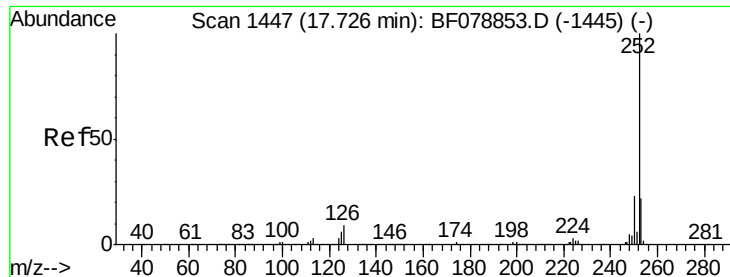
Tgt Ion: 264 Resp: 294468  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.2 28.8  
265 21.7 17.2 25.8



#87  
Benzo(b)fluoranthene  
Concen: 38.10 ng  
RT: 17.38 min Scan# 1417  
Delta R.T. 0.01 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Tgt Ion: 252 Resp: 614086  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.1 27.1  
125 8.6 9.4 14.2#

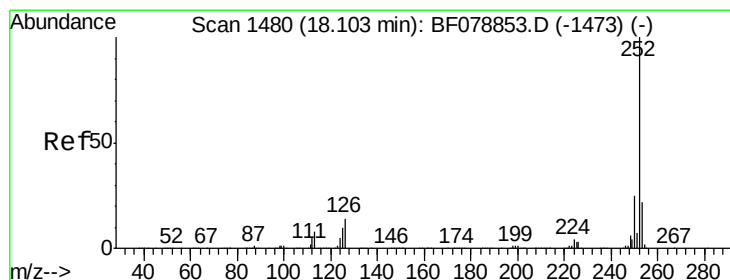
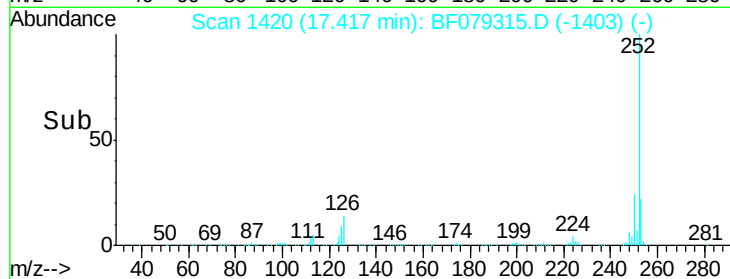
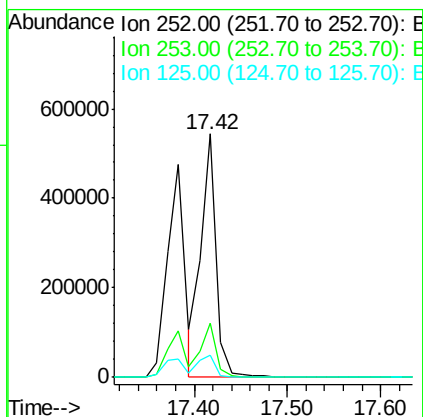
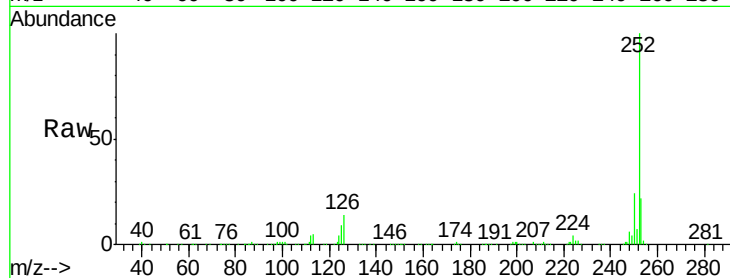




#88  
Benzo(k)fluoranthene  
Concen: 39.95 ng  
RT: 17.42 min Scan# 1420  
Delta R.T. 0.01 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

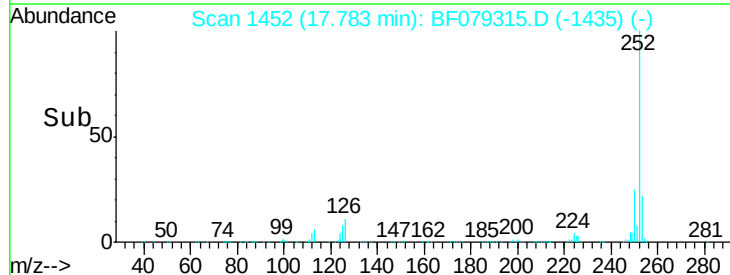
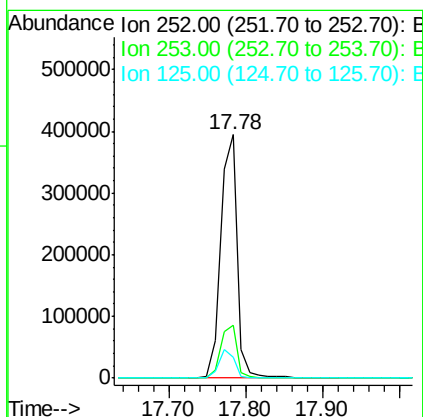
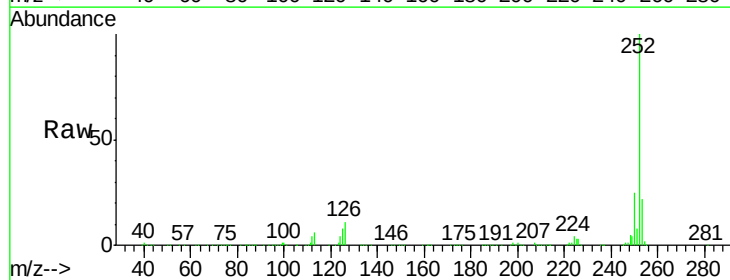
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

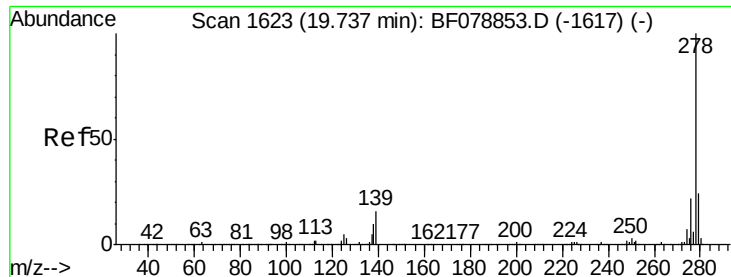
Tgt Ion:252 Resp: 623283  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.0  
125 8.9 6.1 9.1



#89  
Benzo(a)pyrene  
Concen: 40.17 ng  
RT: 17.78 min Scan# 1452  
Delta R.T. 0.01 min  
Lab File: BF079315.D  
Acq: 18 May 2015 18:36

Tgt Ion:252 Resp: 596196  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 8.4 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 39.08 ng

RT: 19.28 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

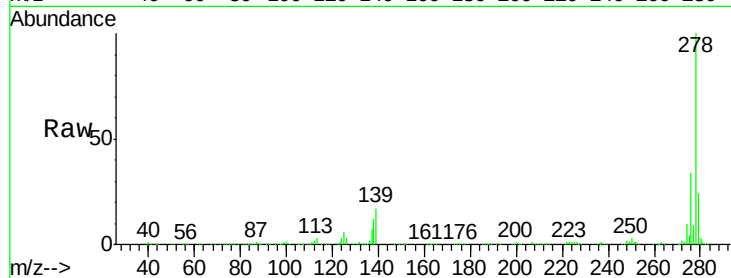
Tgt Ion: 278 Resp: 616348

Ion Ratio Lower Upper

278 100

139 17.2 13.1 19.7

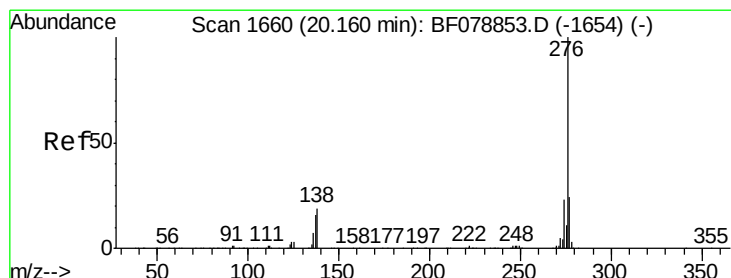
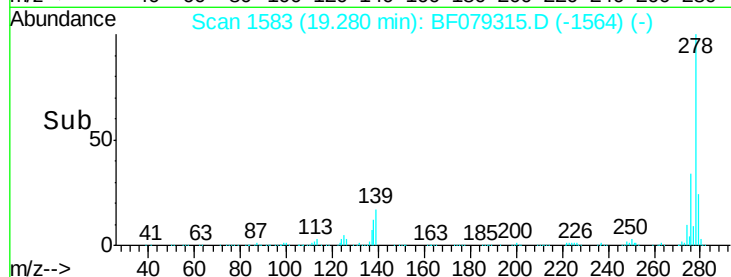
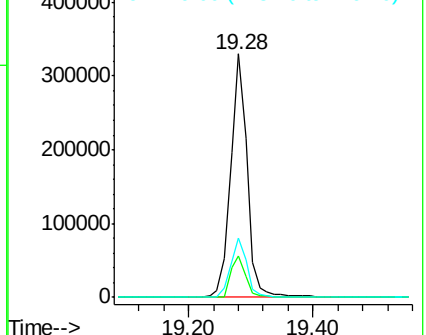
279 24.4 19.1 28.7



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: 38.64 ng

RT: 19.67 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BF079315.D

Acq: 18 May 2015 18:36

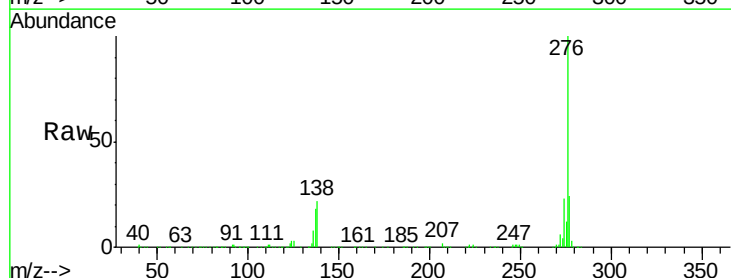
Tgt Ion: 276 Resp: 610844

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 22.0 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

