

Data Path : Z:\HPCHEM1\BNA\_F\Data\BF041015\  
 Data File : BF078401.D  
 Acq On : 10 Apr 2015 16:01  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 11 00:12:46 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 09 11:29:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 29996    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.44  | 136  | 125754   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 10.59 | 164  | 63061    | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 12.42 | 188  | 128266   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 15.69 | 240  | 137163   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 17.45 | 264  | 144343   | 20.00 | ng    | -0.01    |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.12  | 112 | 155405 | 85.42 | ng | -0.06 |
| 7) Phenol-d6                | 6.46  | 99  | 195142 | 85.59 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.56  | 82  | 174909 | 84.31 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 11.57 | 330 | 47750  | 91.30 | ng | -0.05 |
| 44) 2-Fluorobiphenyl        | 9.78  | 172 | 350691 | 79.49 | ng | -0.03 |
| 78) Terphenyl-d14           | 14.41 | 244 | 468066 | 77.11 | ng | -0.06 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 3) Pyridine                    | 2.22 | 79  | 101634 | 47.16  | ng | 94   |
| 6) Aniline                     | 6.44 | 93  | 135955 | 42.05  | ng | 92   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 87957  | 40.89  | ng | 97   |
| 9) Benzaldehyde                | 6.29 | 77  | 54675  | 36.18  | ng | 92   |
| 10) Phenol                     | 6.48 | 94  | 114372 | 41.87  | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 78572  | 39.99  | ng | 95   |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 94022  | 39.79  | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 96392  | 40.53  | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146 | 89714  | 40.23  | ng | 99   |
| 15) Benzyl Alcohol             | 7.06 | 79  | 71326  | 44.52  | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 105326 | 40.19  | ng | 97   |
| 17) 2-Methylphenol             | 7.23 | 107 | 67390  | 40.35  | ng | 96   |
| 18) Hexachloroethane           | 7.48 | 117 | 33445  | 41.70  | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 61646  | 40.98  | ng | # 83 |
| 20) 3+4-Methylphenols          | 7.42 | 107 | 93558  | 41.99  | ng | 91   |
| 22) Acetophenone               | 7.38 | 105 | 120652 | 41.18  | ng | # 91 |
| 24) Nitrobenzene               | 7.58 | 77  | 91566  | 42.22  | ng | 89   |
| 25) Isophorone                 | 7.88 | 82  | 163125 | 41.43  | ng | # 92 |
| 26) 2-Nitrophenol              | 7.98 | 139 | 41725  | 40.37  | ng | 92   |
| 27) 2,4-Dimethylphenol         | 8.06 | 122 | 77839  | 40.50  | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 8.18 | 93  | 101112 | 40.05  | ng | 98   |
| 29) 2,4-Dichlorophenol         | 8.28 | 162 | 73557  | 42.07  | ng | 89   |
| 30) 1,2,4-Trichlorobenzene     | 8.37 | 180 | 78018  | 38.92  | ng | 98   |
| 31) Naphthalene                | 8.46 | 128 | 272563 | 41.64  | ng | 99   |
| 32) Benzoic acid               | 8.20 | 122 | 49835  | 54.28  | ng | 98   |
| 33) 4-Chloroaniline            | 8.56 | 127 | 115552 | 42.54  | ng | 98   |
| 34) Hexachlorobutadiene        | 8.62 | 225 | 44761  | 40.66  | ng | 97   |
| 35) Caprolactam                | 8.98 | 113 | 23658  | 45.33  | ng | 94   |
| 36) 4-Chloro-3-methylphenol    | 9.17 | 107 | 77671  | 44.03  | ng | 97   |
| 37) 2-Methylnaphthalene        | 9.32 | 142 | 183739 | 41.35  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.53 | 216 | 80027  | 40.96  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 9.52 | 237 | 28235  | 37.52  | ng | 98   |
| 42) 2,4,6-Trichlorophenol      | 9.68 | 196 | 55189  | 44.79  | ng | 97   |
| 43) 2,4,5-Trichlorophenol      | 9.73 | 196 | 53947  | 41.90  | ng | # 85 |

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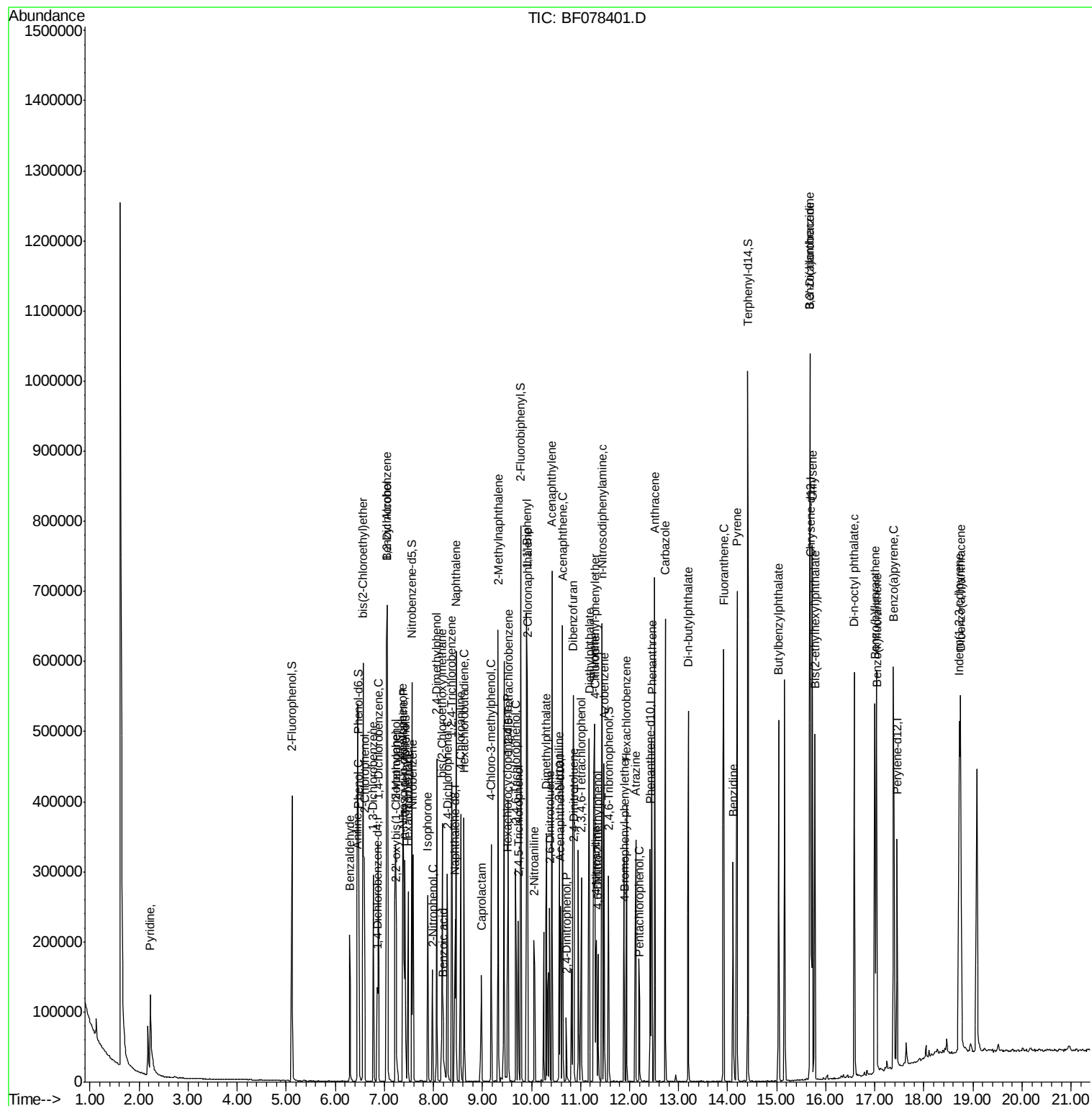
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 45) 1,1'-Biphenyl              | 9.90  | 154  | 210924   | 40.89 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.92  | 162  | 166140   | 40.94 | ng    | 98       |
| 47) 2-Nitroaniline             | 10.05 | 65   | 45675    | 45.49 | ng    | 97       |
| 48) Acenaphthylene             | 10.42 | 152  | 274793   | 41.93 | ng    | 99       |
| 49) Dimethylphthalate          | 10.30 | 163  | 195107   | 41.18 | ng    | # 97     |
| 50) 2,6-Dinitrotoluene         | 10.37 | 165  | 43613    | 44.74 | ng    | # 86     |
| 51) Acenaphthene               | 10.64 | 154  | 153812   | 41.69 | ng    | 98       |
| 52) 3-Nitroaniline             | 10.57 | 138  | 51265    | 46.25 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 10.70 | 184  | 13304    | 45.80 | ng    | 99       |
| 54) Dibenzofuran               | 10.85 | 168  | 237082   | 42.07 | ng    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.86 | 165  | 57297    | 45.39 | ng    | 98       |
| 57) Fluorene                   | 11.28 | 166  | 193919   | 42.45 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.01 | 232  | 43675    | 45.76 | ng    | 99       |
| 59) Diethylphthalate           | 11.17 | 149  | 193345   | 42.33 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.29 | 204  | 86669    | 41.24 | ng    | # 83     |
| 61) 4-Nitroaniline             | 11.32 | 138  | 54849    | 48.96 | ng    | 92       |
| 62) Azobenzene                 | 11.48 | 77   | 173685   | 41.66 | ng    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 11.36 | 198  | 25138    | 41.00 | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 11.44 | 169  | 170165   | 38.35 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.89 | 248  | 51691    | 38.05 | ng    | # 82     |
| 67) Hexachlorobenzene          | 11.94 | 284  | 55560    | 37.32 | ng    | 96       |
| 68) Atrazine                   | 12.12 | 200  | 53505    | 41.64 | ng    | 98       |
| 69) Pentachlorophenol          | 12.20 | 266  | 28107    | 46.21 | ng    | 98       |
| 70) Phenanthrene               | 12.45 | 178  | 291729   | 39.32 | ng    | 99       |
| 71) Anthracene                 | 12.51 | 178  | 296227   | 40.52 | ng    | 100      |
| 72) Carbazole                  | 12.73 | 167  | 280884   | 40.99 | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.20 | 149  | 332639   | 42.85 | ng    | 99       |
| 74) Fluoranthene               | 13.92 | 202  | 321467   | 41.08 | ng    | 93       |
| 76) Benzidine                  | 14.11 | 184  | 159891   | 30.27 | ng    | 98       |
| 77) Pyrene                     | 14.19 | 202  | 342684   | 39.80 | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.04 | 149  | 148991   | 45.40 | ng    | 95       |
| 80) Benzo(a)anthracene         | 15.68 | 228  | 330565   | 40.51 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.68 | 252  | 123975   | 45.36 | ng    | 99       |
| 82) Chrysene                   | 15.72 | 228  | 316114   | 41.23 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 15.78 | 149  | 215751   | 41.92 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 16.58 | 149  | 374773   | 44.34 | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 18.72 | 276  | 400534   | 46.04 | ng    | # 87     |
| 87) Benzo(b)fluoranthene       | 17.00 | 252  | 345280   | 38.70 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 17.04 | 252  | 316796   | 39.96 | ng    | # 93     |
| 89) Benzo(a)pyrene             | 17.38 | 252  | 314401   | 40.38 | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 18.75 | 278  | 304963   | 39.12 | ng    | 99       |

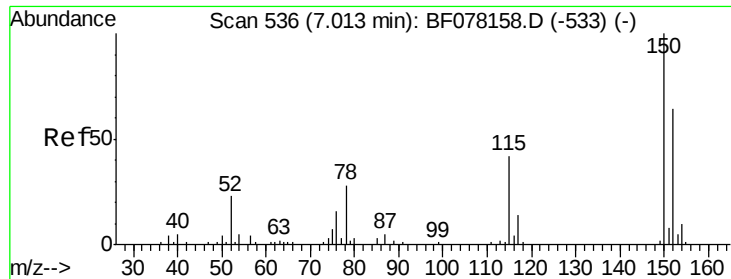
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\Data\BF041015\  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

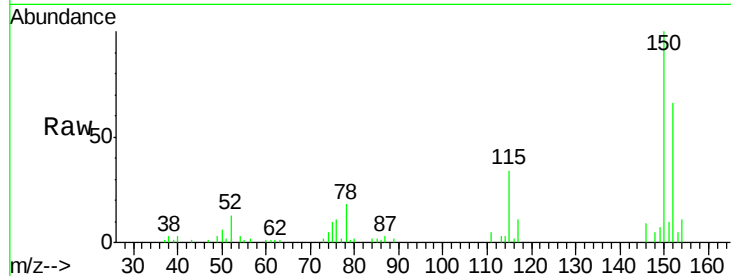
Tgt Ion:152 Resp: 29996

Ion Ratio Lower Upper

152 100

150 150.4 125.9 188.9

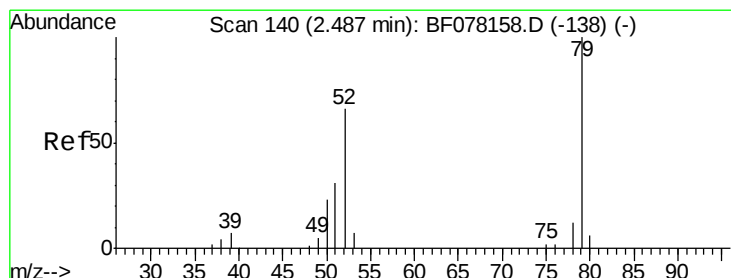
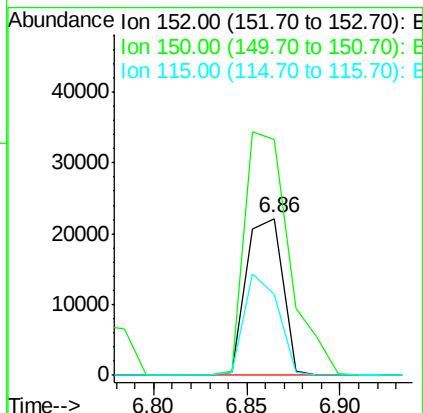
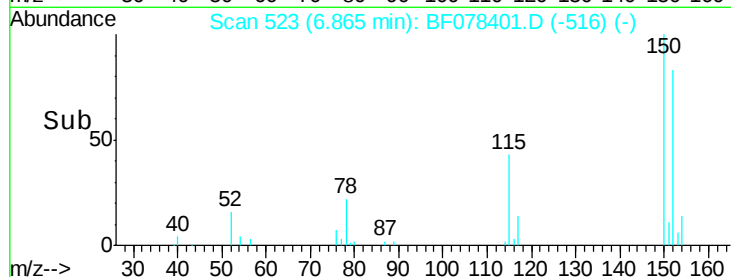
115 51.7 52.7 79.1#



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



#3

Pyridine

Concen: 47.16 ng

RT: 2.22 min Scan# 117

Delta R.T. -0.14 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

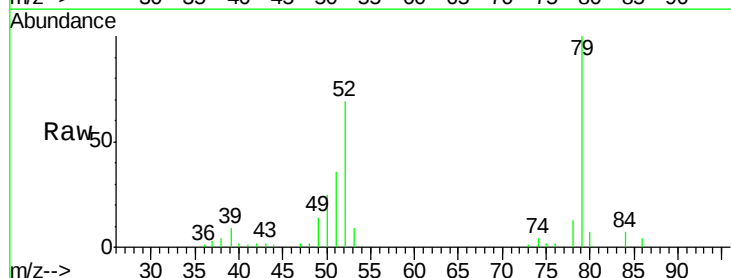
Tgt Ion: 79 Resp: 101634

Ion Ratio Lower Upper

79 100

52 69.1 52.4 78.6

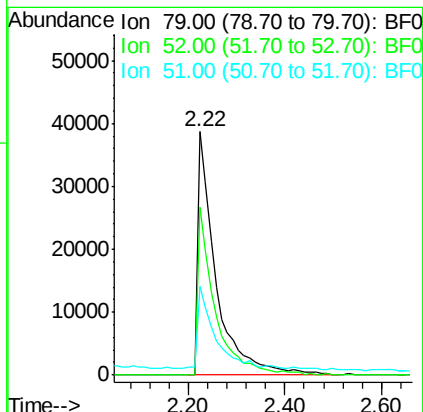
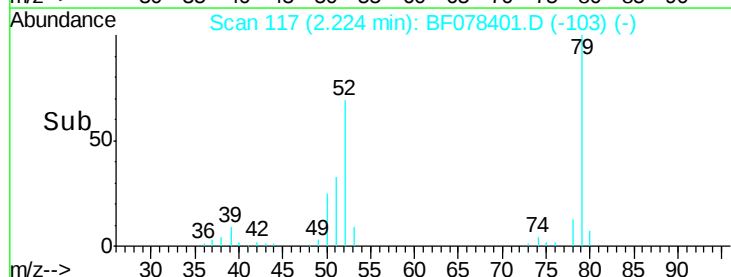
51 36.4 24.9 37.3

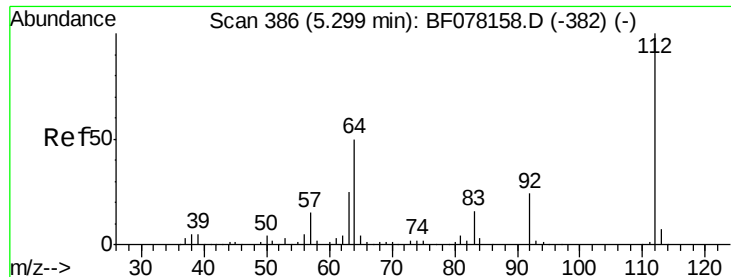


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 85.42 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.06 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

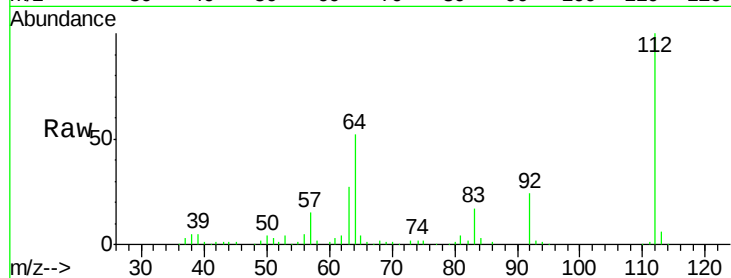
Tgt Ion: 112 Resp: 155405

Ion Ratio Lower Upper

112 100

64 52.3 39.9 59.9

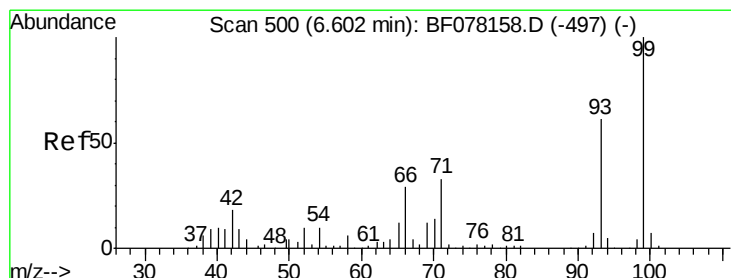
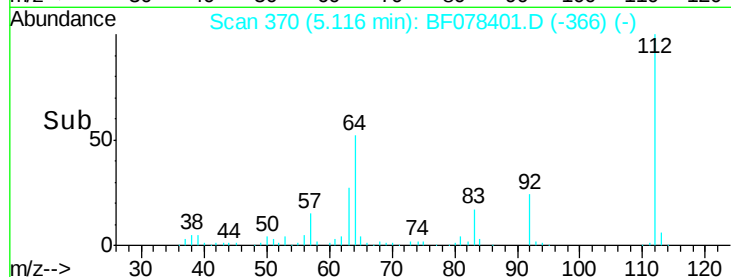
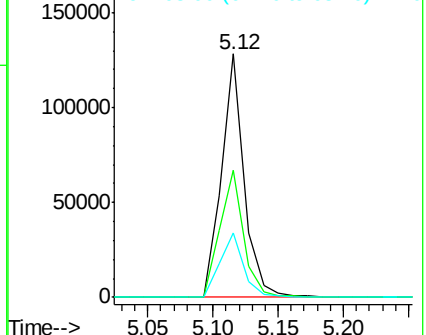
63 26.6 20.2 30.4



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: 42.05 ng

RT: 6.44 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

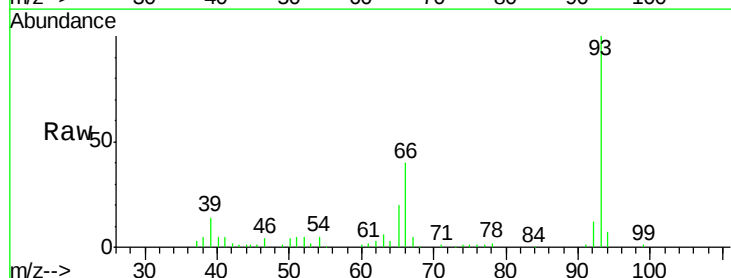
Tgt Ion: 93 Resp: 135955

Ion Ratio Lower Upper

93 100

66 40.1 38.0 57.0

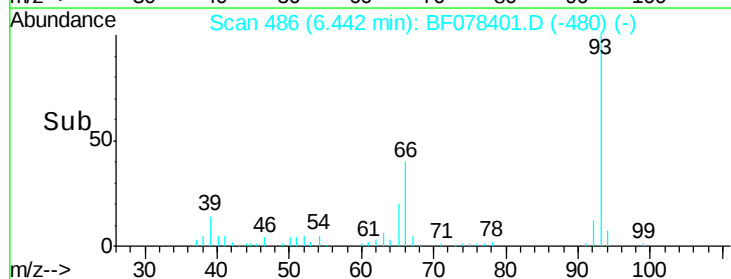
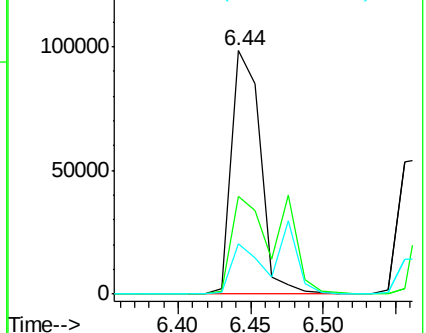
65 20.4 16.3 24.5

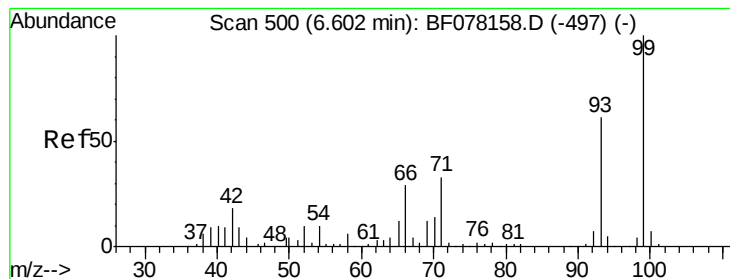


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.59 ng

RT: 6.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

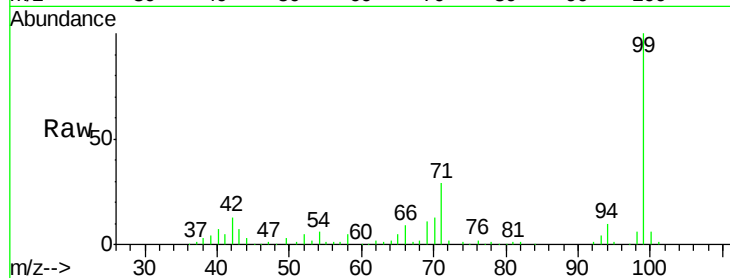
Tgt Ion: 99 Resp: 195142

Ion Ratio Lower Upper

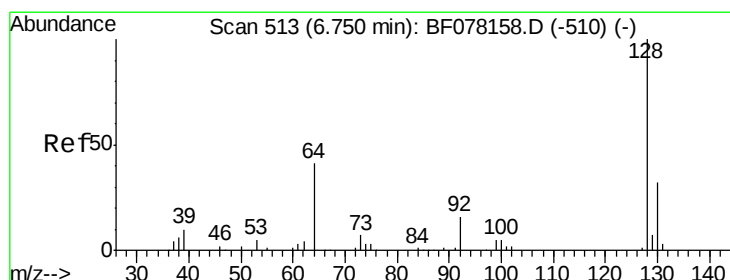
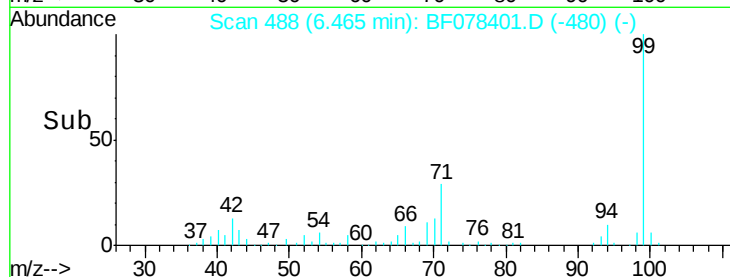
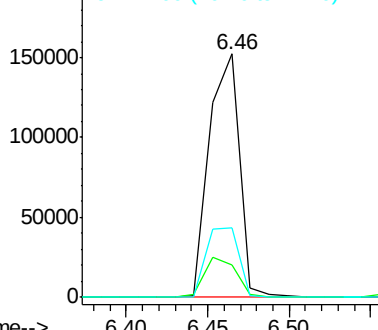
99 100

42 13.4 14.8 22.2#

71 28.8 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.89 ng

RT: 6.59 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

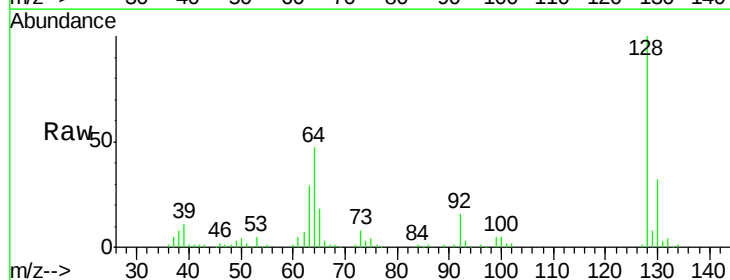
Tgt Ion: 128 Resp: 87957

Ion Ratio Lower Upper

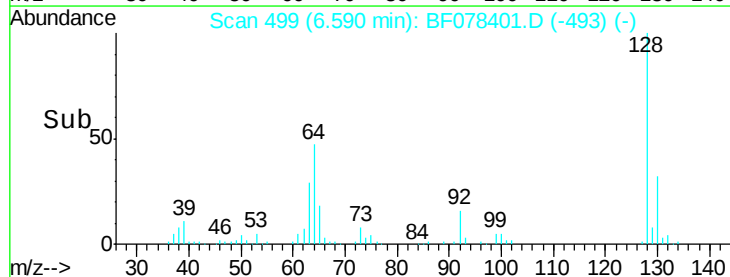
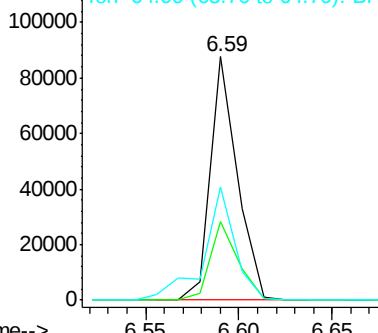
128 100

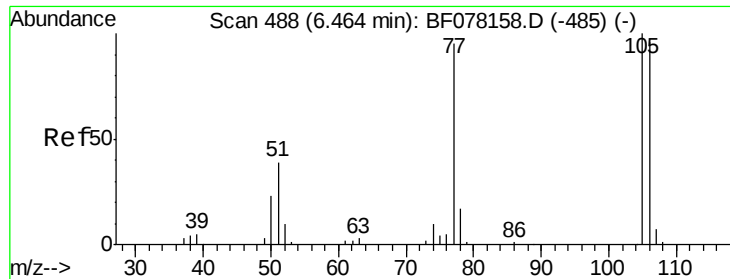
130 32.4 12.3 52.3

64 46.6 23.8 63.8



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: 36.18 ng

RT: 6.29 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF078401.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

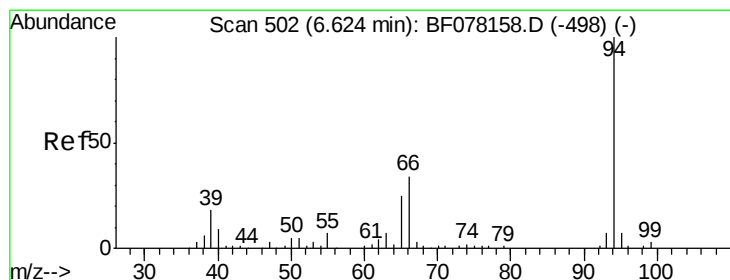
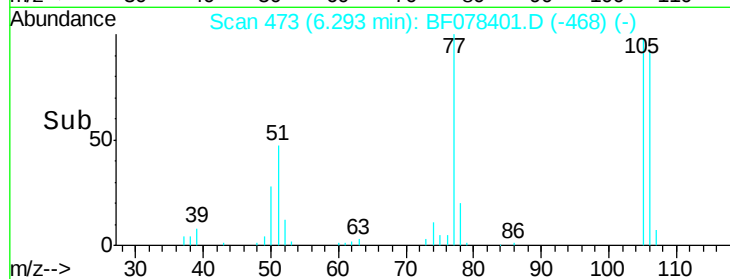
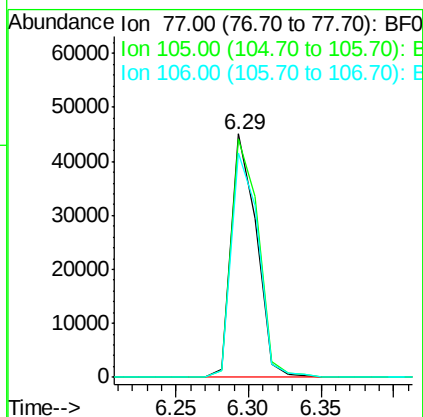
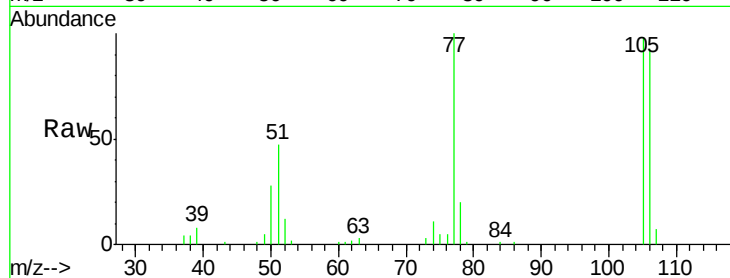
Tgt Ion: 77 Resp: 54675

Ion Ratio Lower Upper

77 100

105 98.0 85.4 125.4

106 92.2 80.8 120.8



#10

Phenol

Concen: 41.87 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

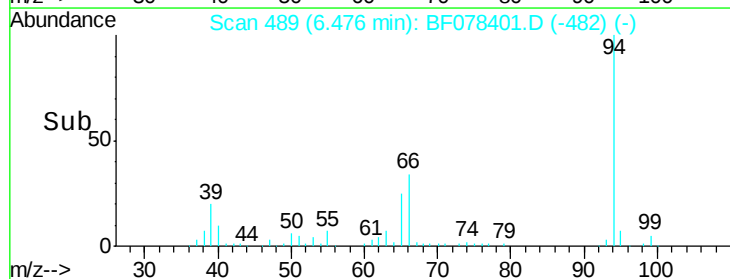
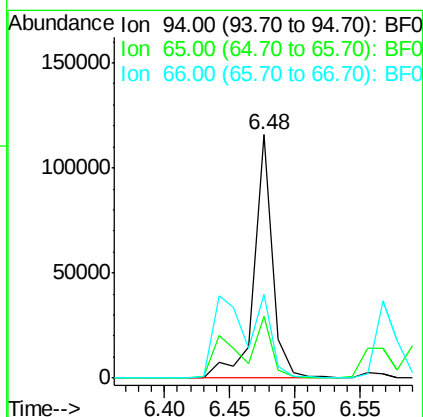
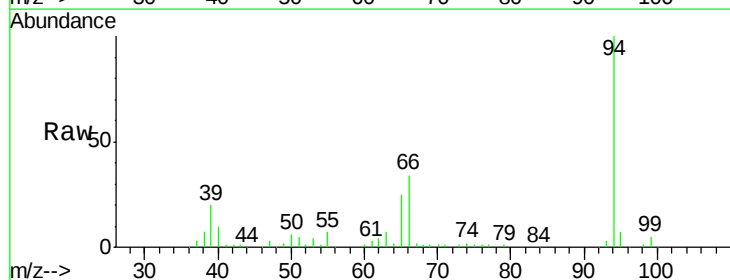
Tgt Ion: 94 Resp: 114372

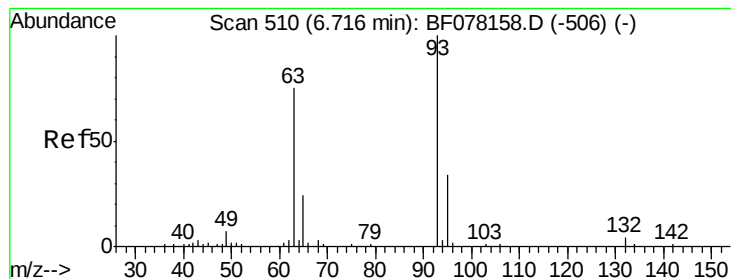
Ion Ratio Lower Upper

94 100

65 25.4 4.9 44.9

66 34.4 13.8 53.8





#11

bis(2-Chloroethyl)ether

Concen: 39.99 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

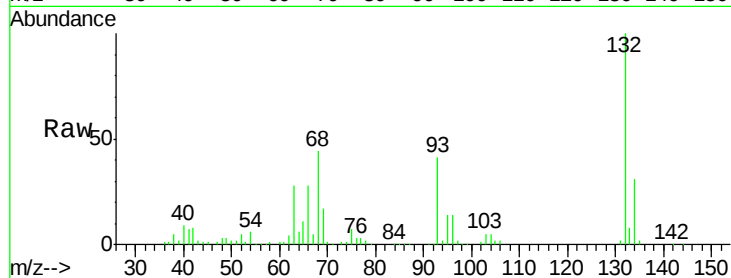
Tgt Ion: 93 Resp: 78572

Ion Ratio Lower Upper

93 100

63 68.3 54.6 94.6

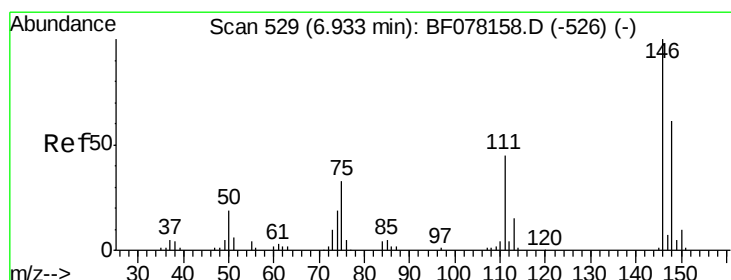
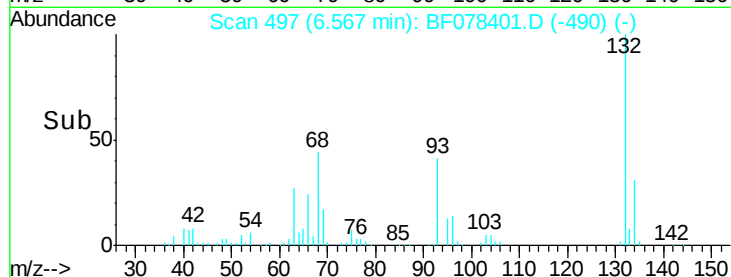
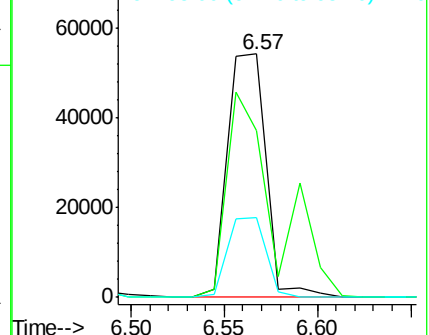
95 33.0 13.6 53.6



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: 39.79 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

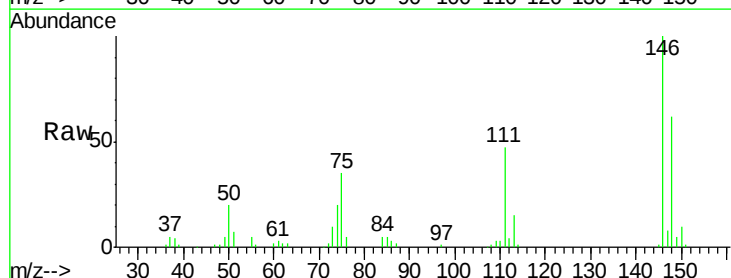
Tgt Ion: 146 Resp: 94022

Ion Ratio Lower Upper

146 100

148 62.3 49.1 73.7

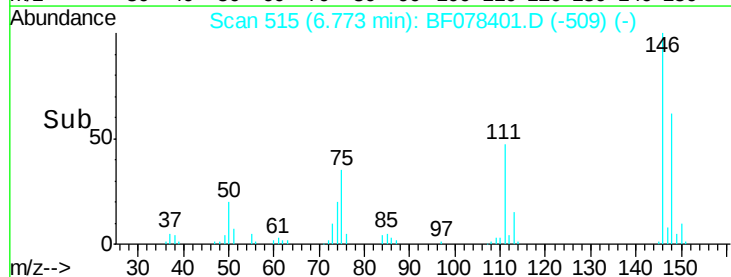
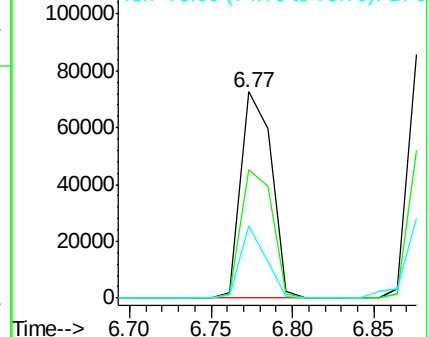
75 34.8 26.6 40.0

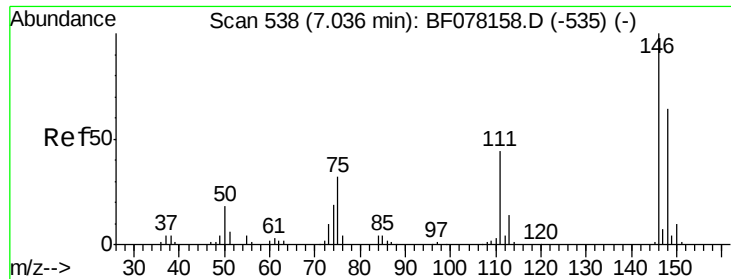


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

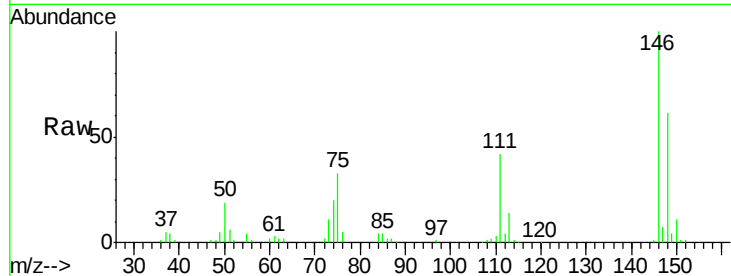




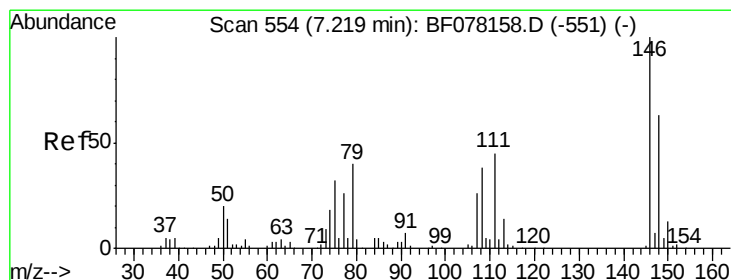
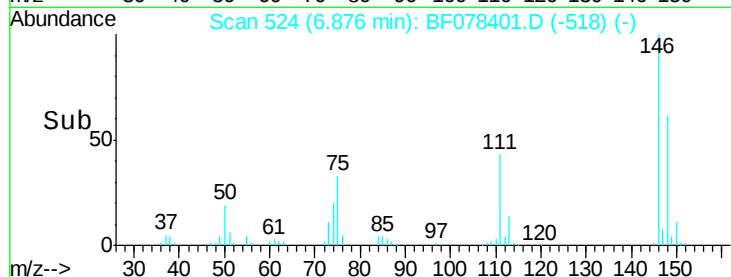
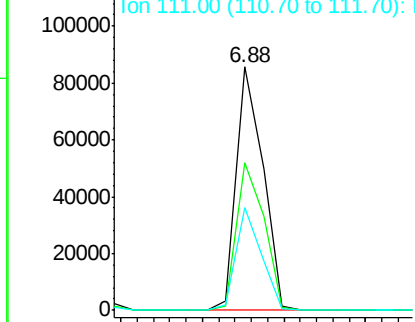
#13  
 1,4-Dichlorobenzene  
 Concen: 40.53 ng  
 RT: 6.88 min Scan# 524  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 96392  
 Ion Ratio Lower Upper  
 146 100  
 148 60.8 51.4 77.0  
 111 42.4 35.0 52.4

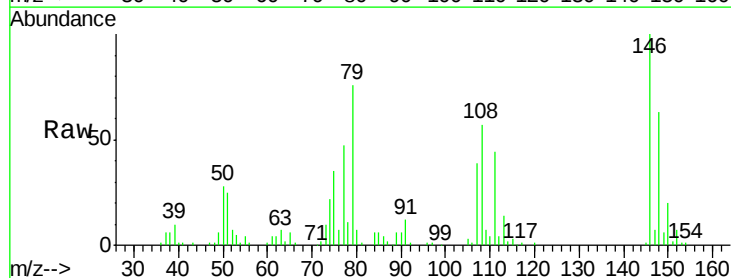


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

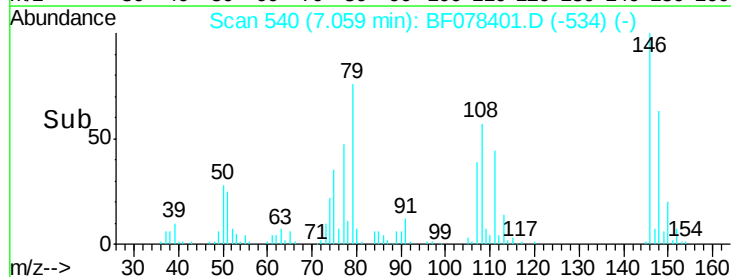
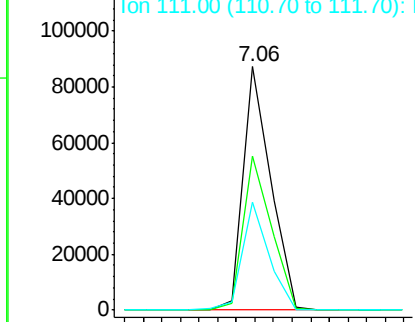


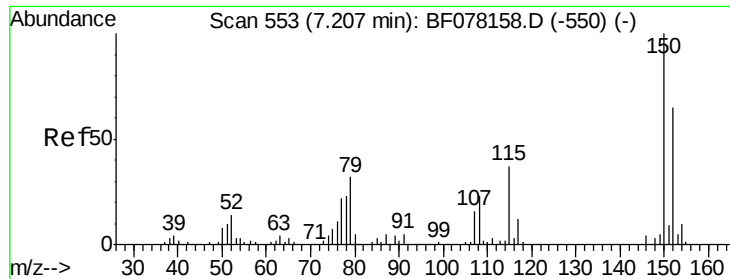
#14  
 1,2-Dichlorobenzene  
 Concen: 40.23 ng  
 RT: 7.06 min Scan# 540  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:146 Resp: 89714  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 50.2 75.4  
 111 44.5 36.1 54.1



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





#15

Benzyl Alcohol

Concen: 44.52 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

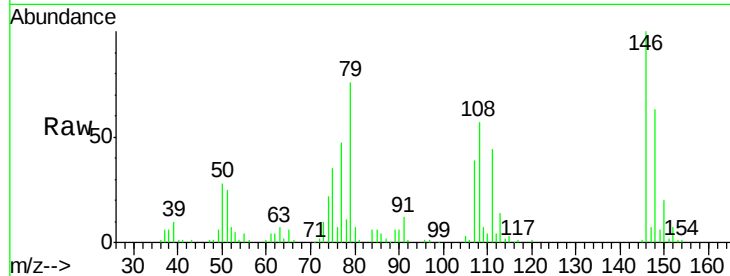
Tgt Ion: 79 Resp: 71326

Ion Ratio Lower Upper

79 100

108 75.4 57.6 86.4

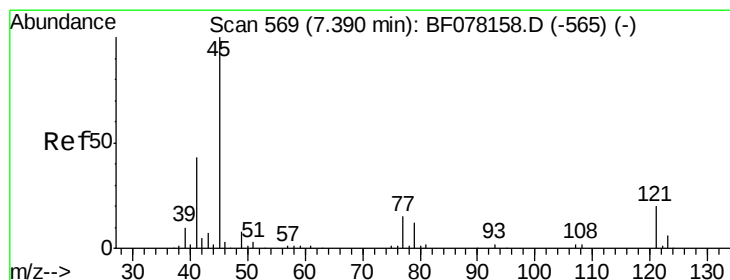
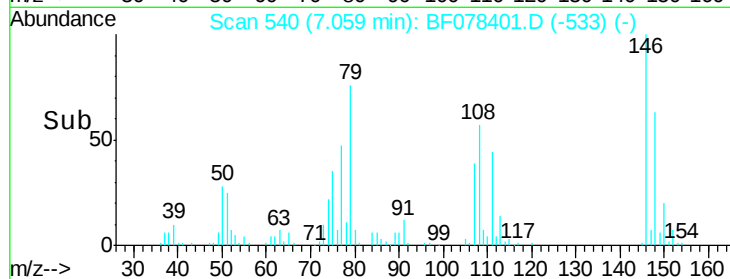
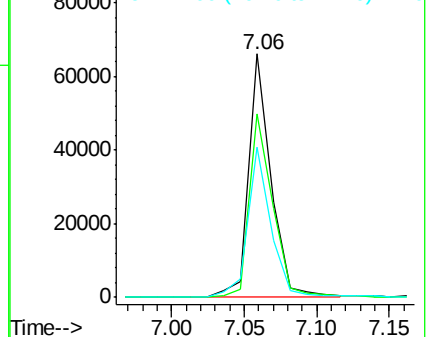
77 61.8 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.19 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

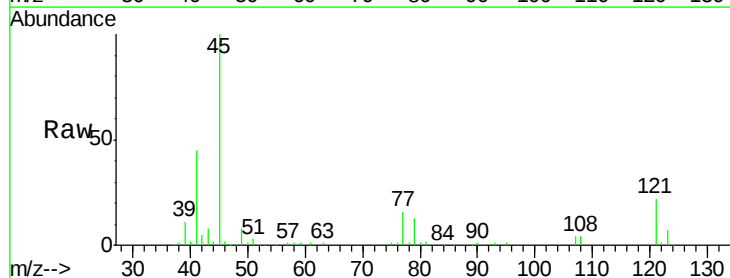
Tgt Ion: 45 Resp: 105326

Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.5

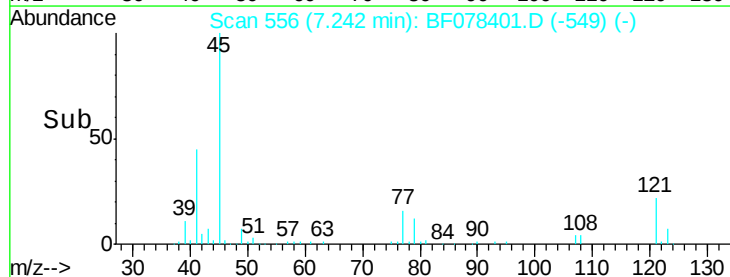
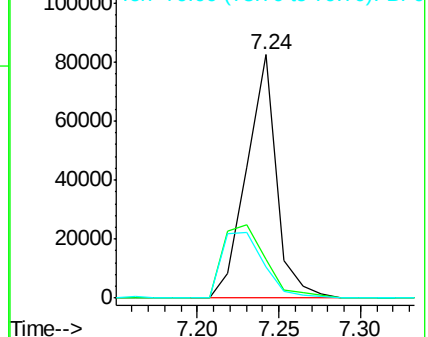
79 12.8 0.0 31.9

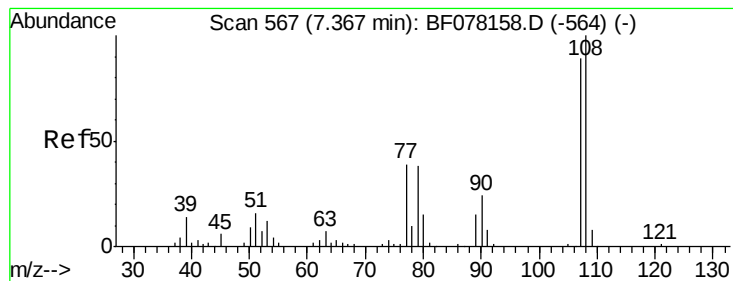


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.35 ng

RT: 7.23 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 67390

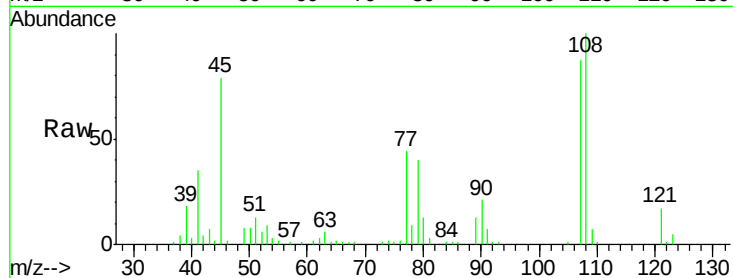
Ion Ratio Lower Upper

107 100

108 114.6 90.3 135.5

77 50.3 35.5 53.3

79 45.7 34.2 51.4



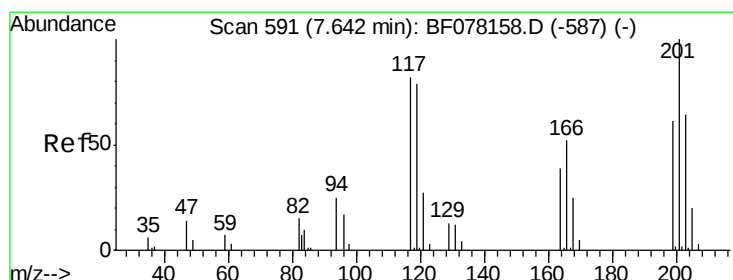
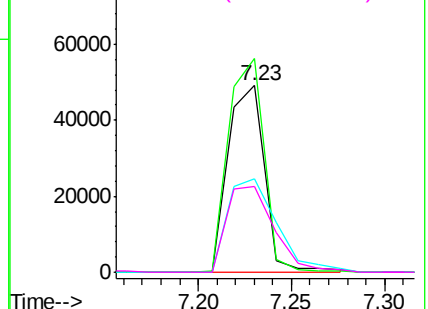
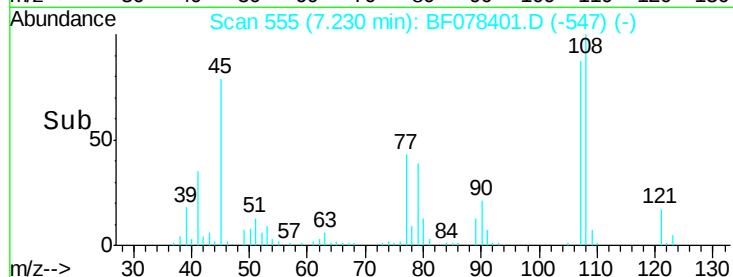
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.70 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

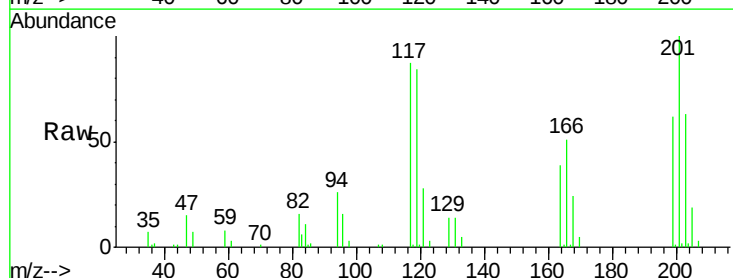
Tgt Ion:117 Resp: 33445

Ion Ratio Lower Upper

117 100

119 97.1 77.0 115.6

201 115.1 98.1 147.1

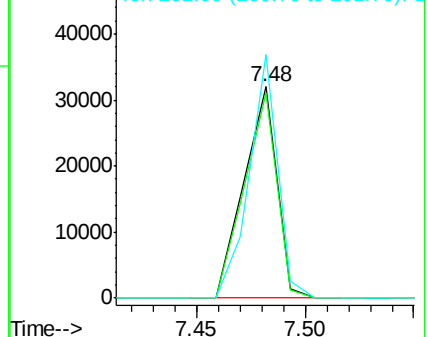
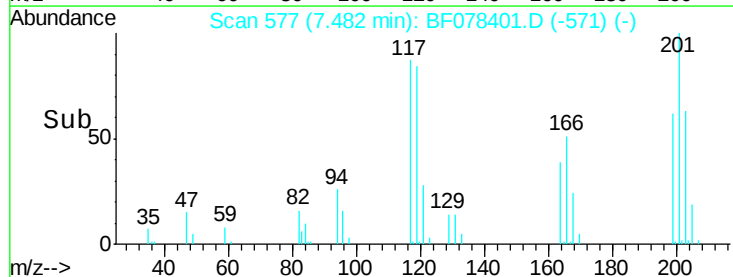


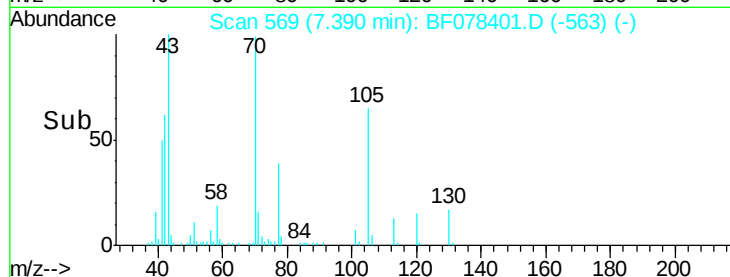
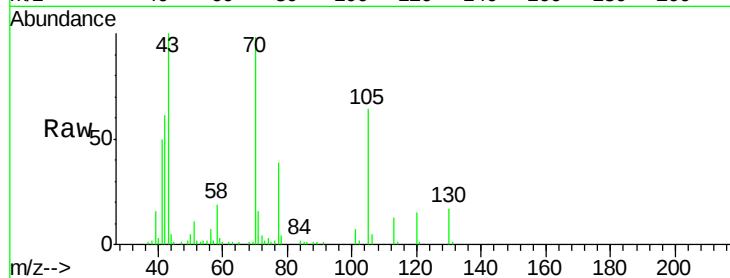
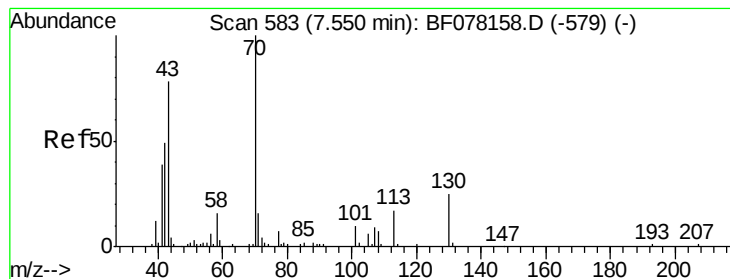
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.98 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 61646

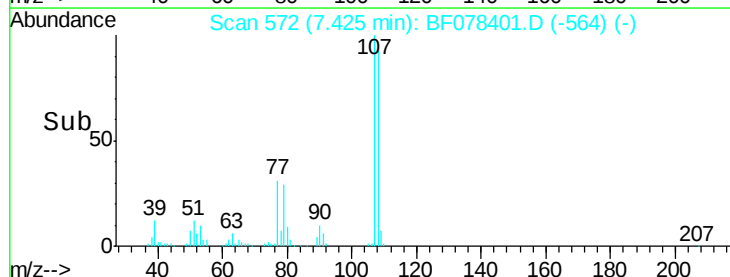
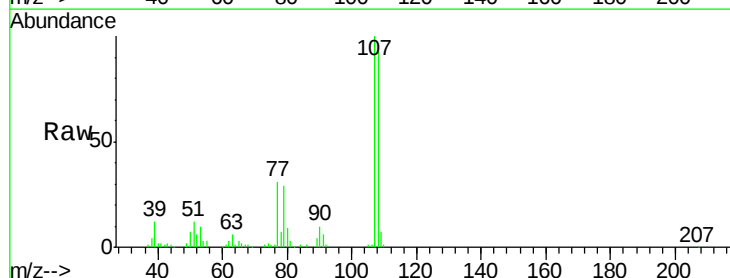
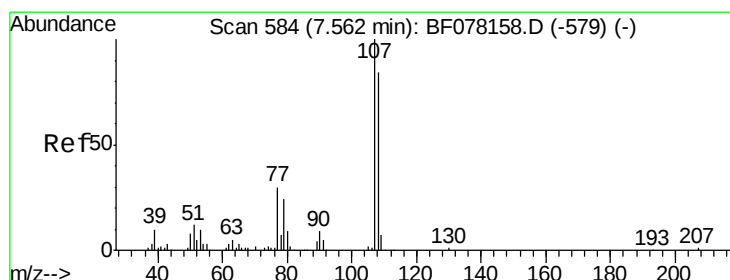
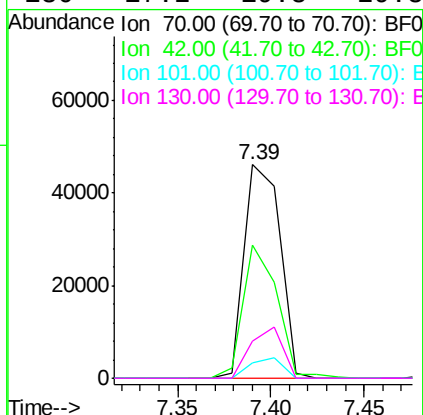
Ion Ratio Lower Upper

70 100

42 62.1 38.9 58.3#

101 7.4 8.3 12.5#

130 17.2 19.8 29.8#



#20

3+4-Methylphenols

Concen: 41.99 ng

RT: 7.42 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Tgt Ion: 107 Resp: 93558

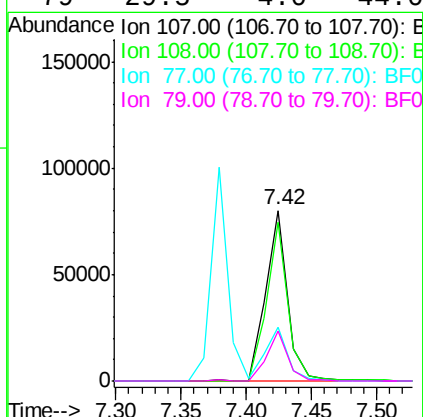
Ion Ratio Lower Upper

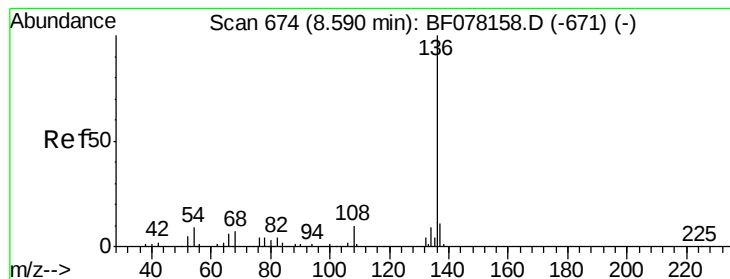
107 100

108 93.3 64.4 104.4

77 31.3 9.7 49.7

79 29.5 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 125754

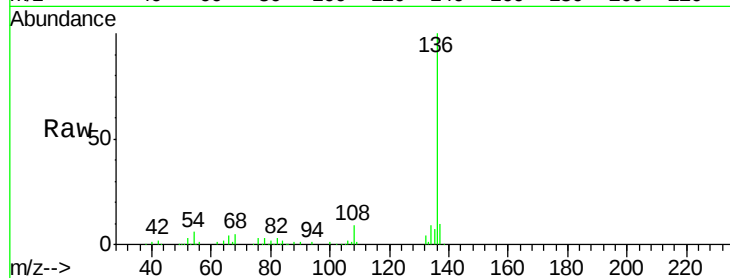
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.9 7.0 10.6#

68 4.9 5.4 8.2#

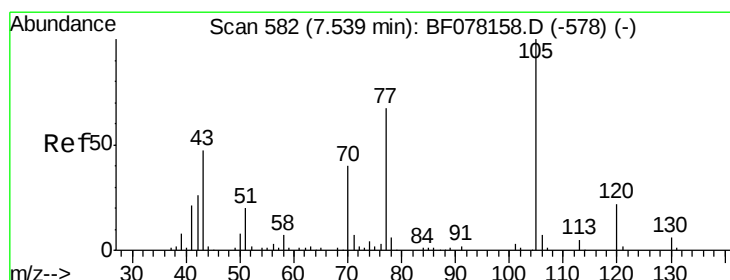
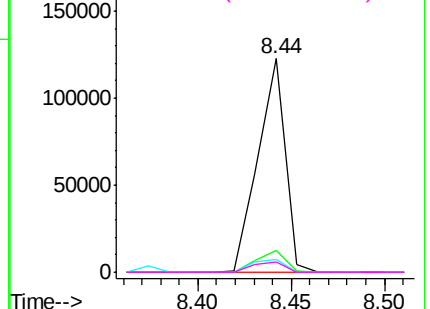
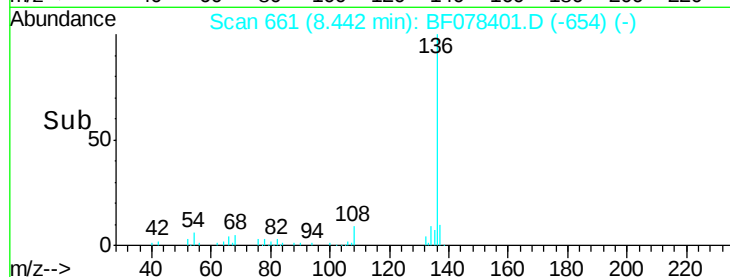


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.18 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Tgt Ion:105 Resp: 120652

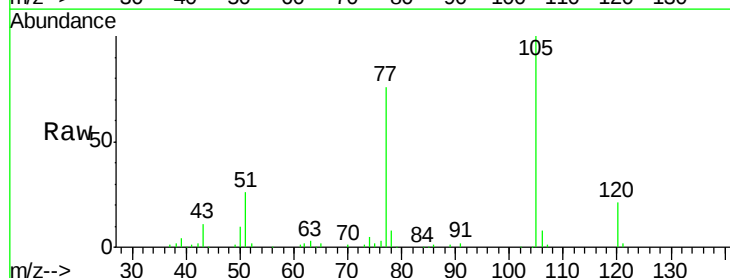
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 25.9 16.0 24.0#

120 20.7 17.8 26.6

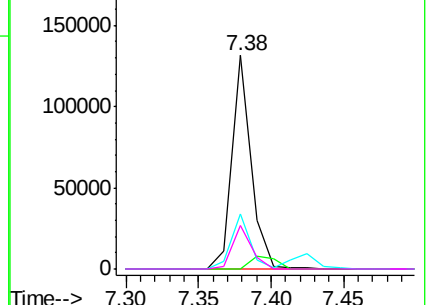
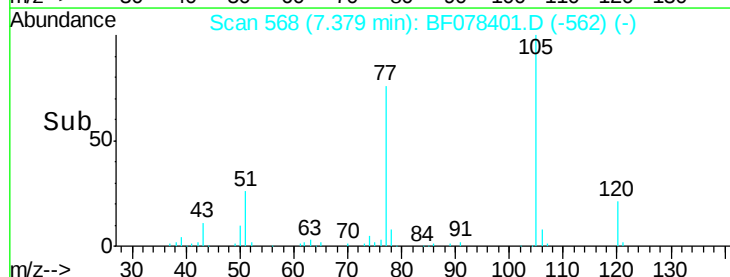


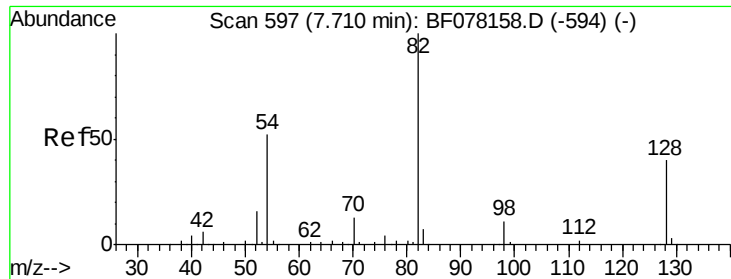
Abundance Ion 105.00 (104.70 to 105.70): E

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

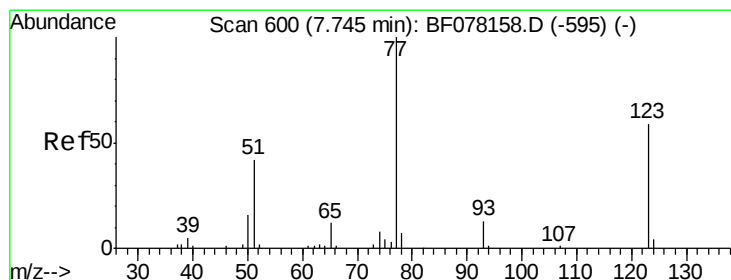
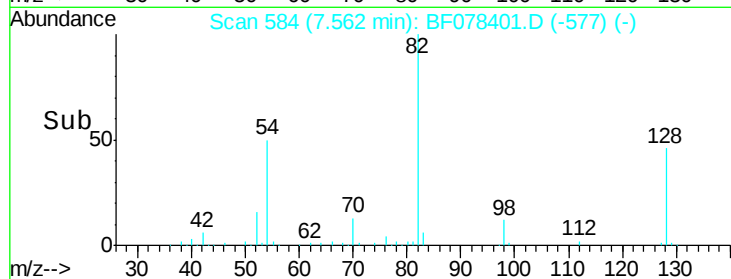
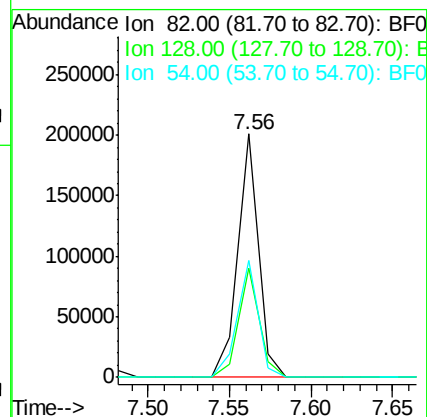
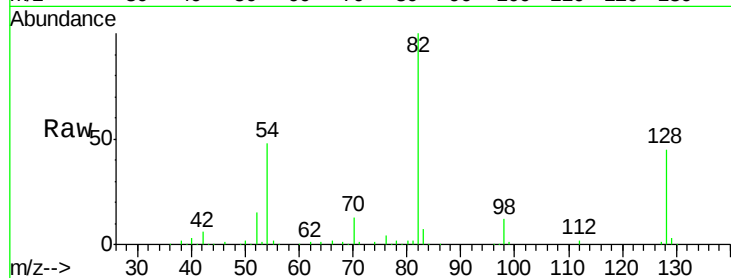




#23  
 Nitrobenzene-d5  
 Concen: 84.31 ng  
 RT: 7.56 min Scan# 584  
 Delta R.T. -0.02 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

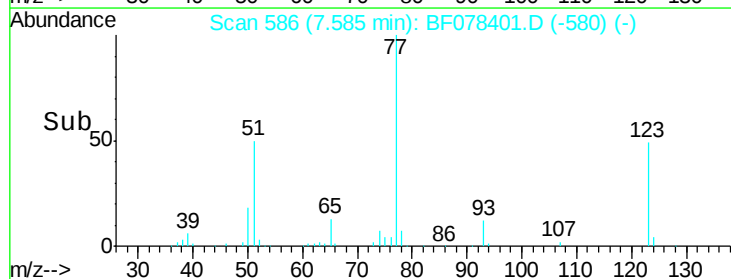
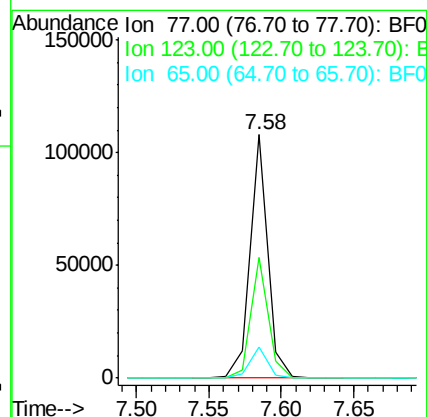
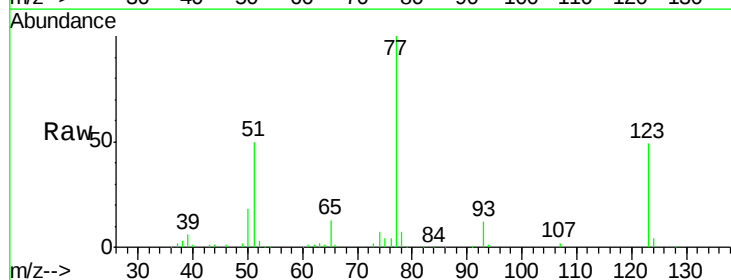
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

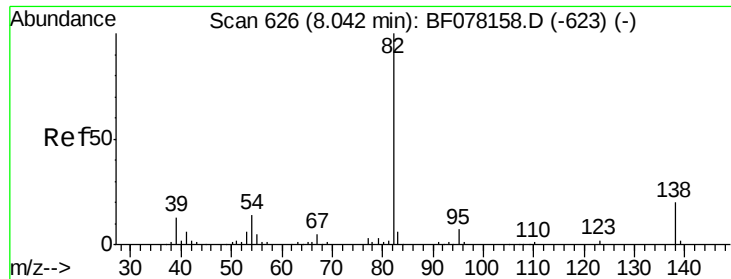
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.0  | 31.8  | 47.8  |
| 54      | 48.1  | 41.5  | 62.3  |



#24  
 Nitrobenzene  
 Concen: 42.22 ng  
 RT: 7.58 min Scan# 586  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.4  | 46.9  | 70.3  |
| 65      | 12.5  | 9.5   | 14.3  |





#25

Isophorone

Concen: 41.43 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

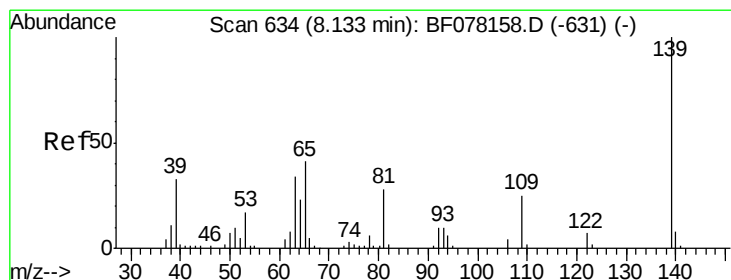
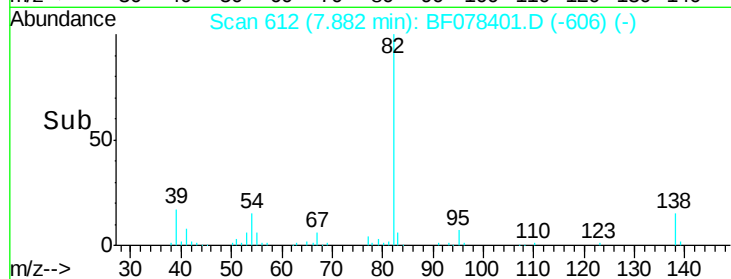
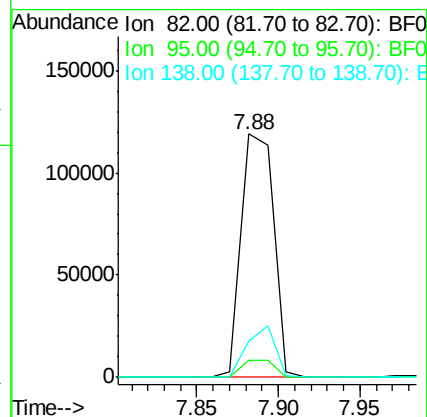
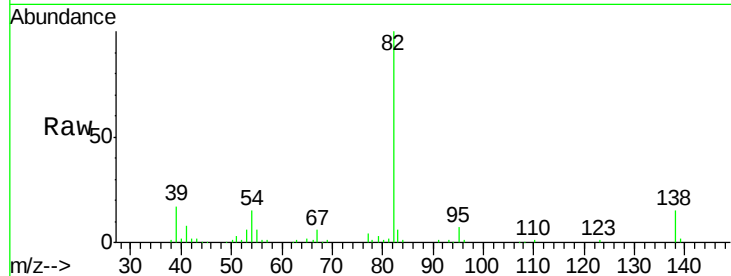
Tgt Ion: 82 Resp: 163125

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 14.7 15.8 23.8#



#26

2-Nitrophenol

Concen: 40.37 ng

RT: 7.98 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

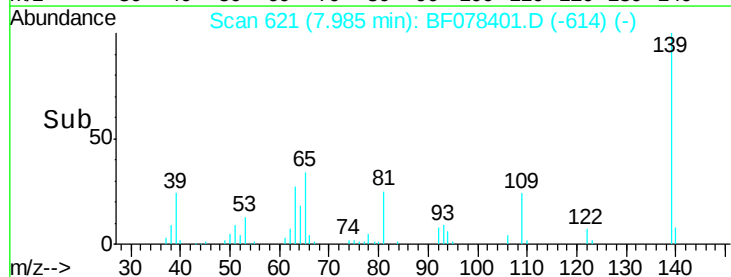
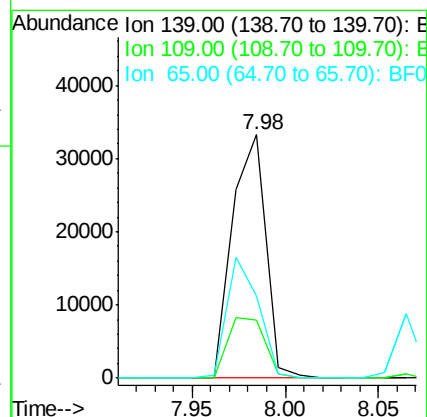
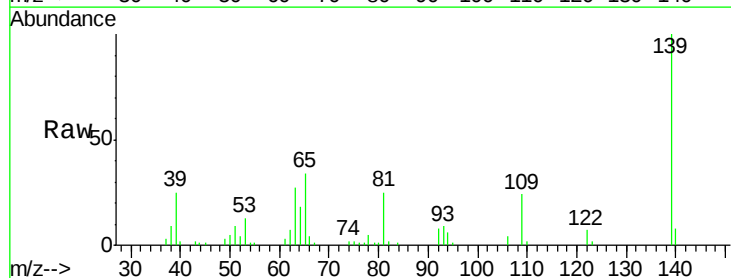
Tgt Ion: 139 Resp: 41725

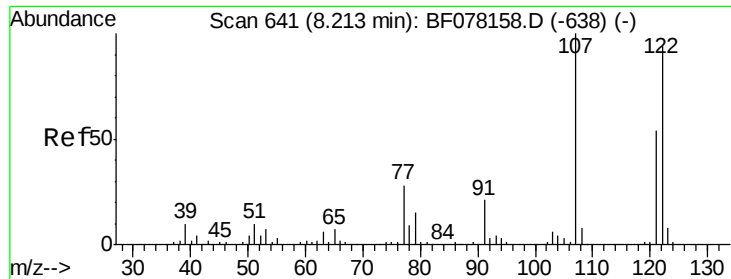
Ion Ratio Lower Upper

139 100

109 24.0 19.8 29.8

65 33.6 32.7 49.1

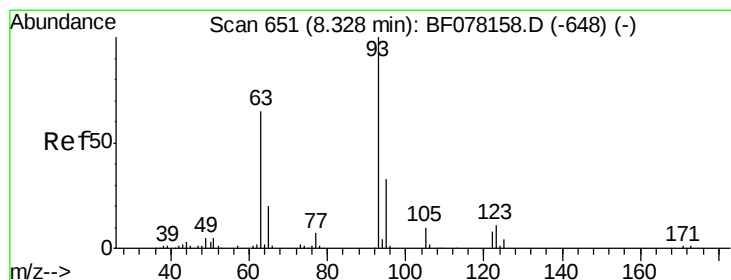
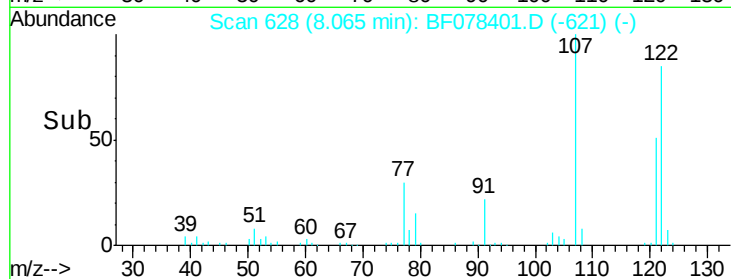
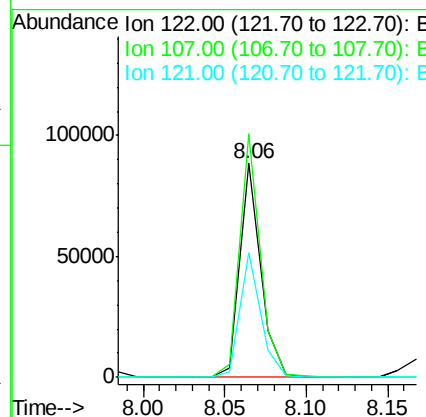
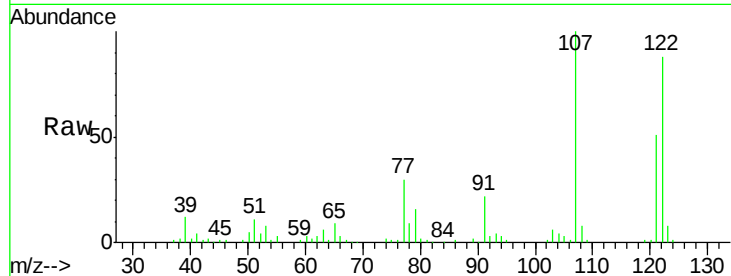




#27  
 2,4-Dimethylphenol  
 Concen: 40.50 ng  
 RT: 8.06 min Scan# 628  
 Delta R.T. -0.02 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

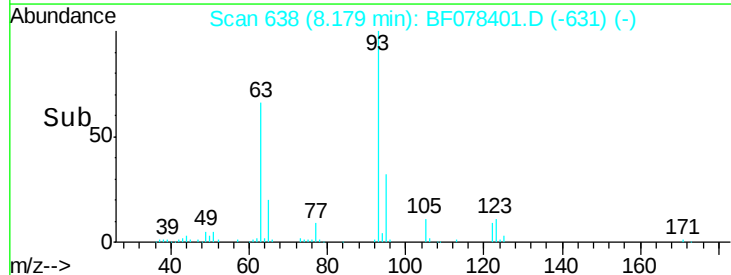
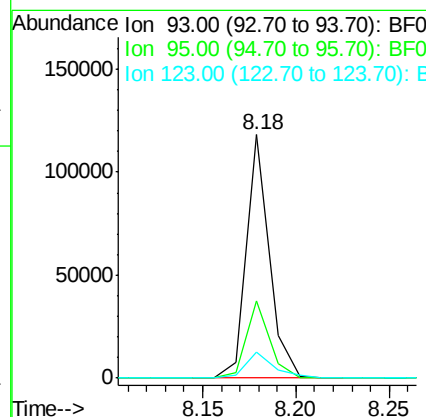
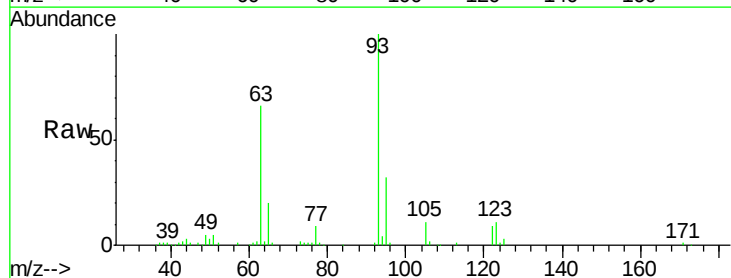
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

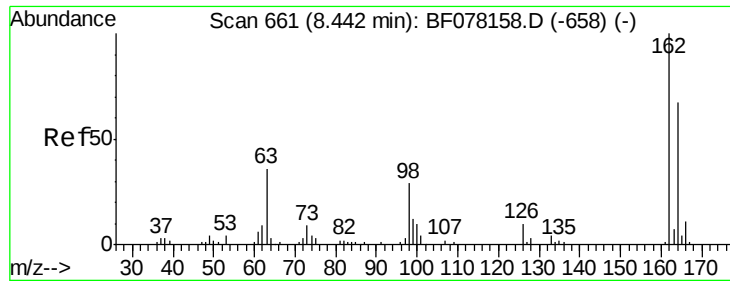
Tgt Ion:122 Resp: 77839  
 Ion Ratio Lower Upper  
 122 100  
 107 113.9 84.6 127.0  
 121 58.0 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.05 ng  
 RT: 8.18 min Scan# 638  
 Delta R.T. -0.02 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion: 93 Resp: 101112  
 Ion Ratio Lower Upper  
 93 100  
 95 31.9 26.3 39.5  
 123 10.9 9.1 13.7

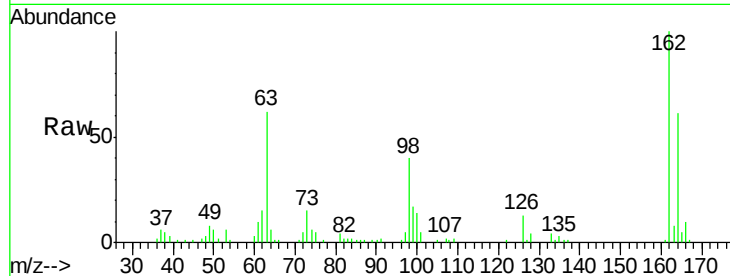




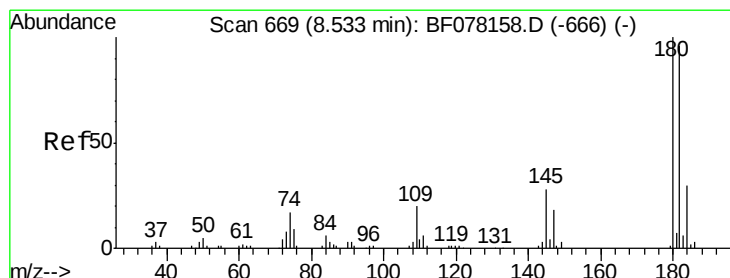
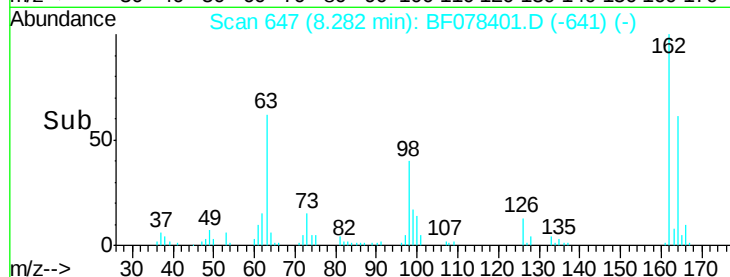
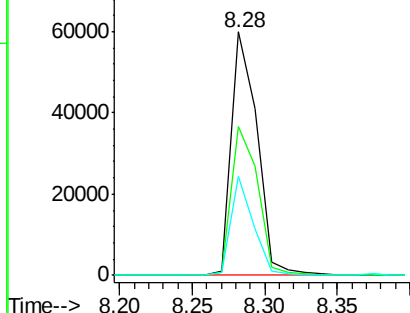
#29  
 2,4-Dichlorophenol  
 Concen: 42.07 ng  
 RT: 8.28 min Scan# 647  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:162 Resp: 73557  
 Ion Ratio Lower Upper  
 162 100  
 164 61.3 47.0 87.0  
 98 40.5 9.2 49.2

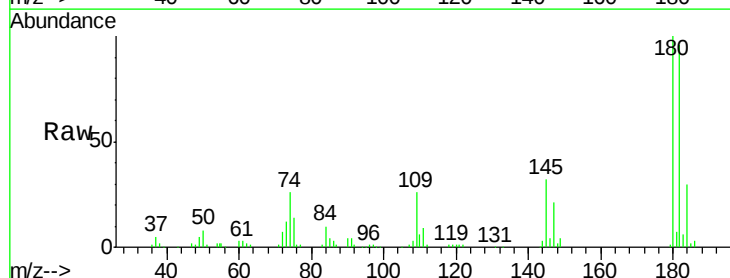


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

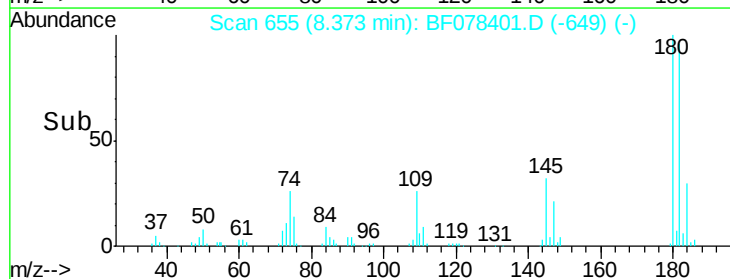
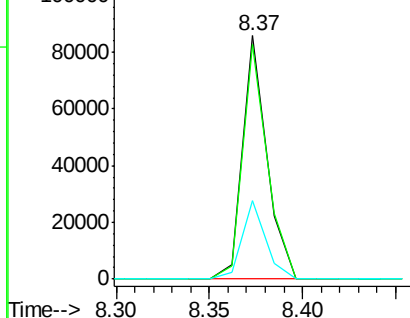


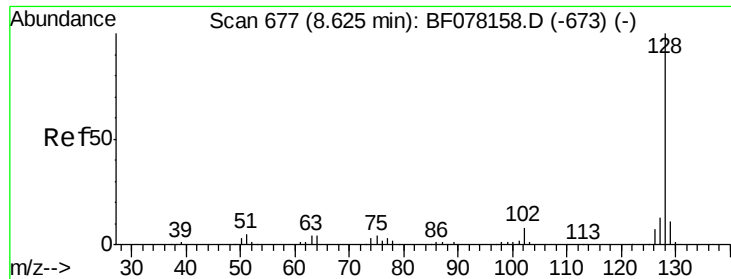
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.92 ng  
 RT: 8.37 min Scan# 655  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:180 Resp: 78018  
 Ion Ratio Lower Upper  
 180 100  
 182 96.5 76.9 115.3  
 145 32.4 22.5 33.7



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

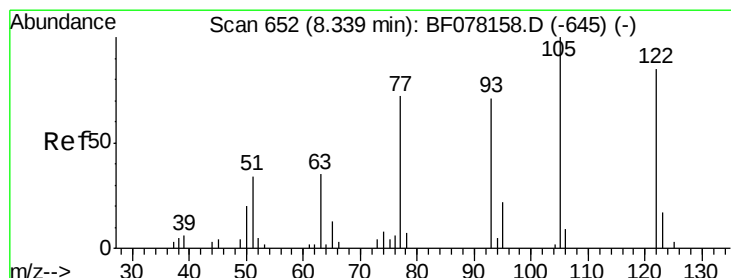
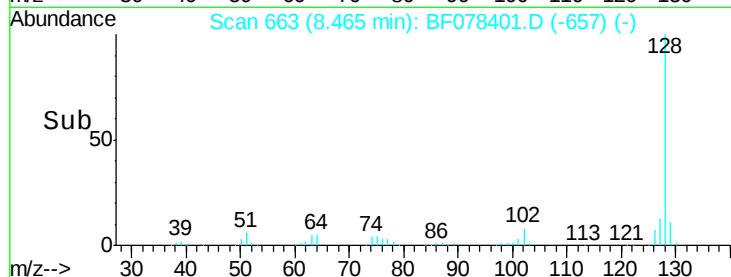
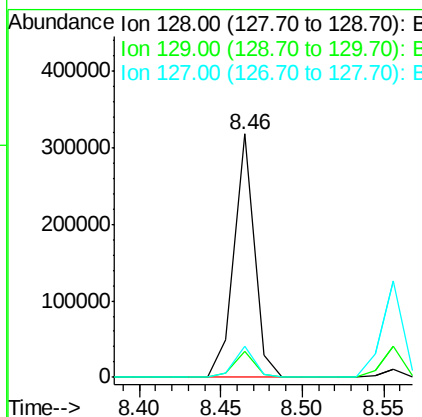
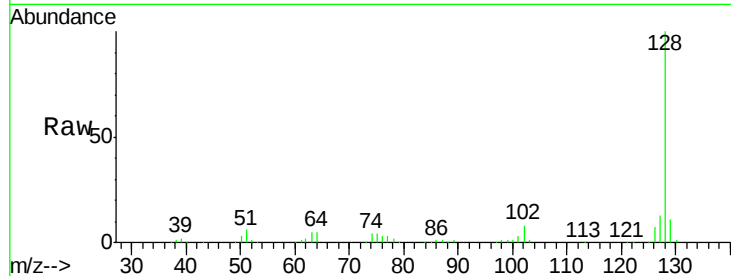




#31  
Naphthalene  
Concen: 41.64 ng  
RT: 8.46 min Scan# 663  
Delta R.T. -0.03 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

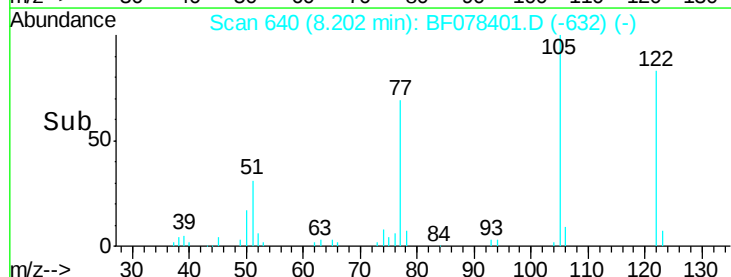
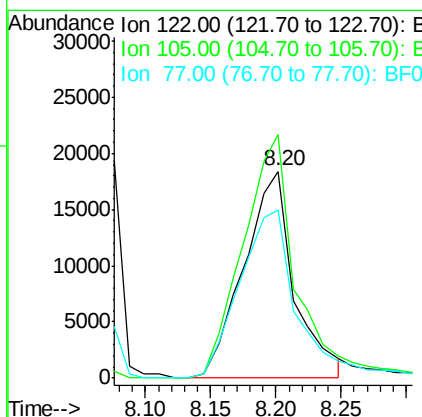
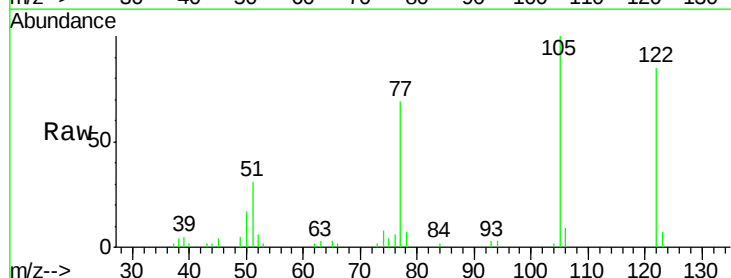
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

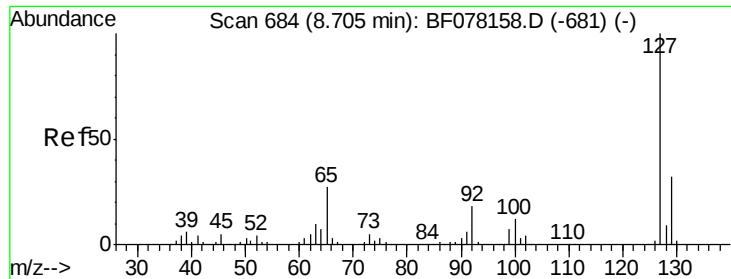
Tgt Ion:128 Resp: 272563  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 12.8  
127 13.0 10.7 16.1



#32  
Benzoic acid  
Concen: 54.28 ng  
RT: 8.20 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

Tgt Ion:122 Resp: 49835  
Ion Ratio Lower Upper  
122 100  
105 117.7 96.1 136.1  
77 81.5 64.1 104.1

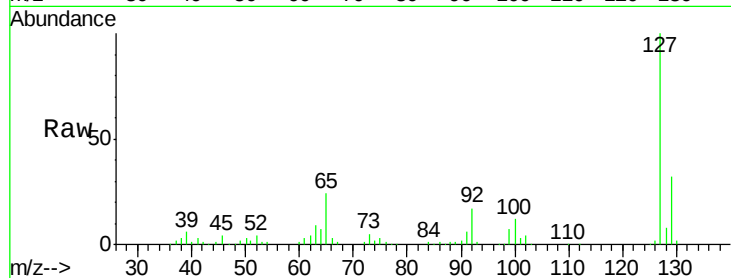




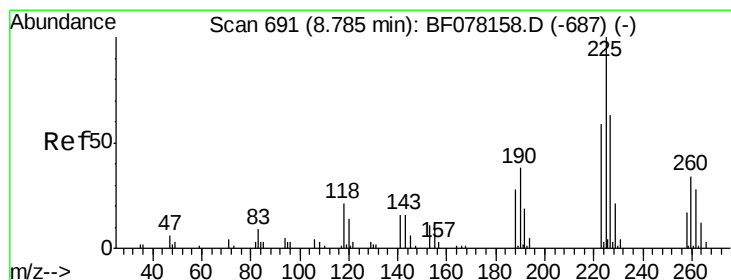
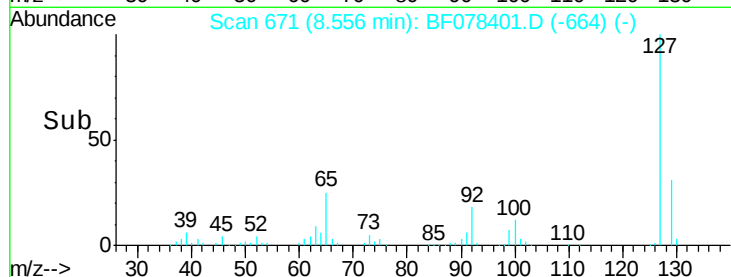
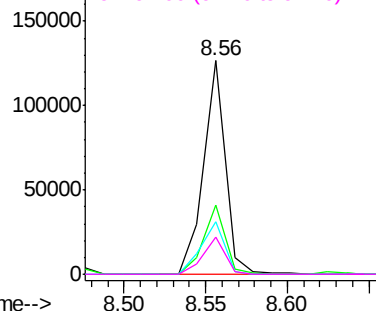
#33  
 4-Chloroaniline  
 Concen: 42.54 ng  
 RT: 8.56 min Scan# 671  
 Delta R.T. -0.02 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 115552 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.5  | 38.3   |
| 65       | 24.5  | 21.7  | 32.5   |
| 92       | 17.3  | 14.6  | 21.8   |

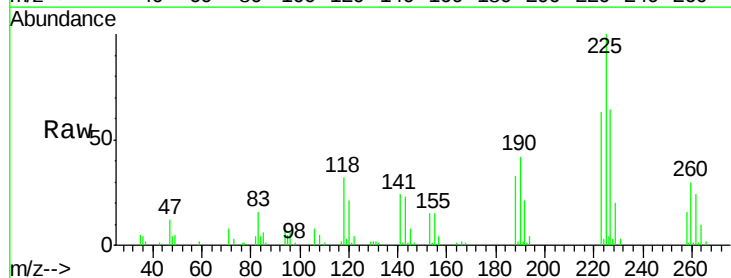


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0

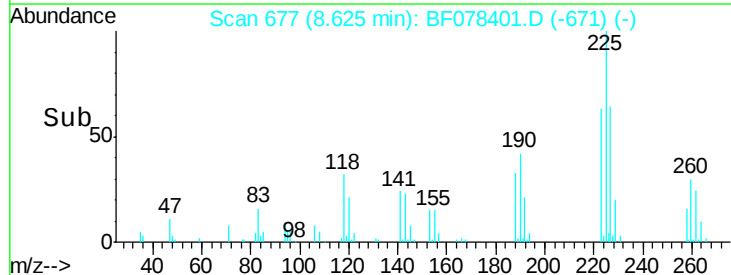
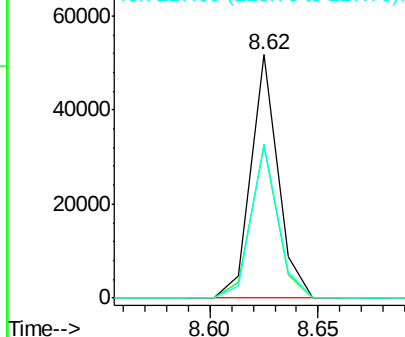


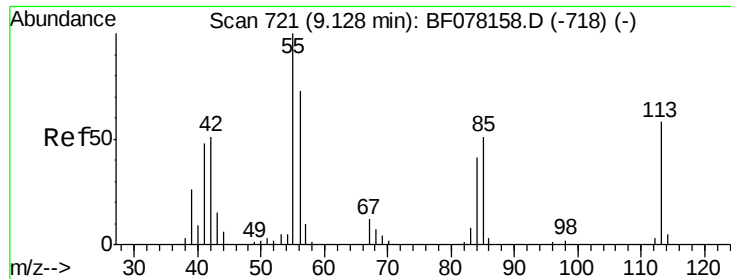
#34  
 Hexachlorobutadiene  
 Concen: 40.66 ng  
 RT: 8.62 min Scan# 677  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 44761 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.8  | 47.5  | 71.3  |
| 227      | 63.5  | 50.2  | 75.2  |



Abundance Ion 225.00 (224.70 to 225.70): E  
 Ion 223.00 (222.70 to 223.70): E  
 Ion 227.00 (226.70 to 227.70): E

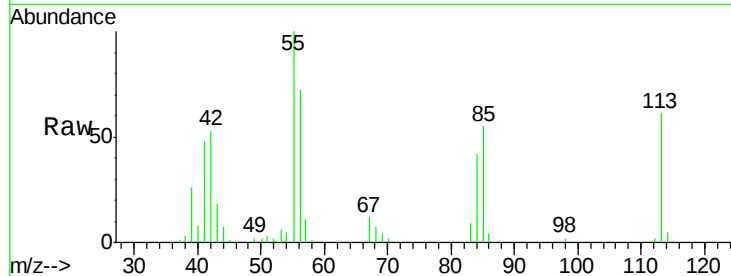




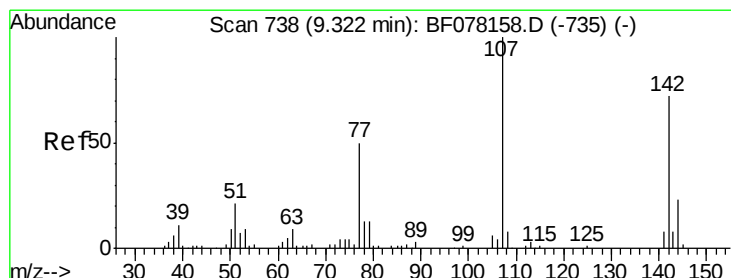
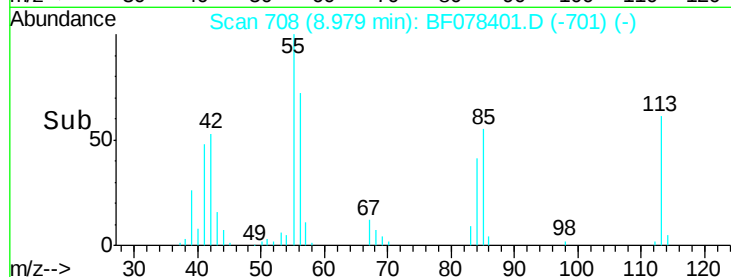
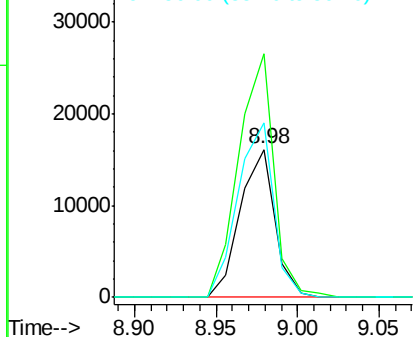
#35  
 Caprolactam  
 Concen: 45.33 ng  
 RT: 8.98 min Scan# 708  
 Delta R.T. -0.02 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 23658  
 Ion Ratio Lower Upper  
 113 100  
 55 164.9 151.9 191.9  
 56 118.3 106.1 146.1

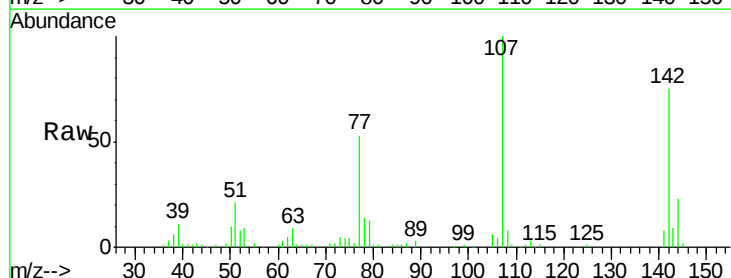


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

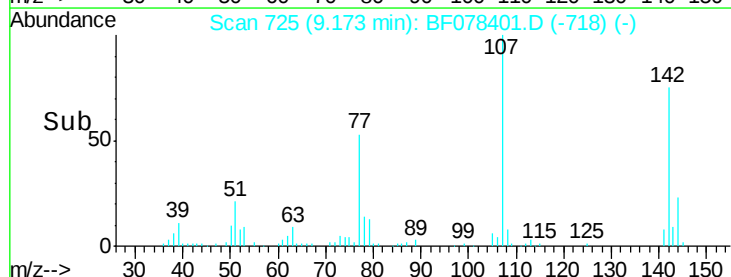
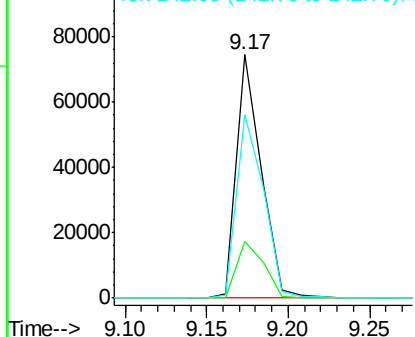


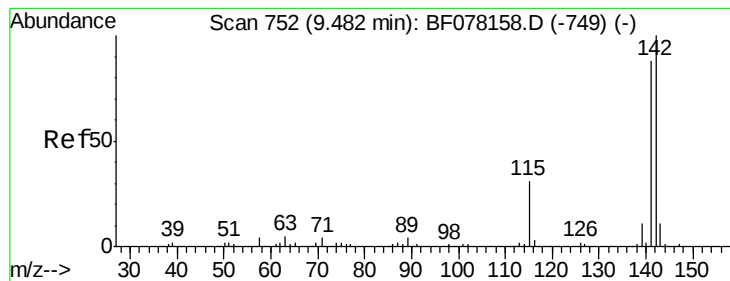
#36  
 4-Chloro-3-methylphenol  
 Concen: 44.03 ng  
 RT: 9.17 min Scan# 725  
 Delta R.T. -0.02 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:107 Resp: 77671  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 18.2 27.2  
 142 75.2 58.0 87.0



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





#37

2-Methylnaphthalene

Concen: 41.35 ng

RT: 9.32 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

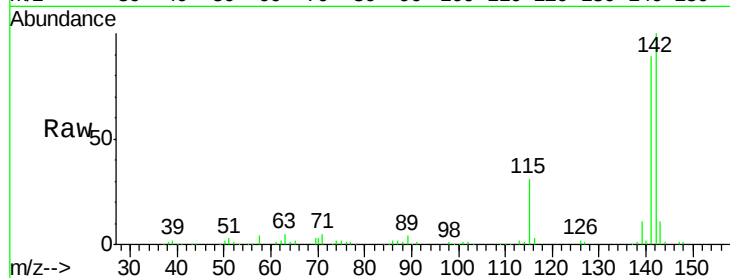
Tgt Ion:142 Resp: 183739

Ion Ratio Lower Upper

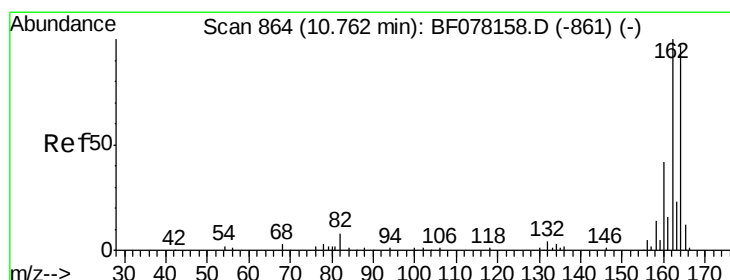
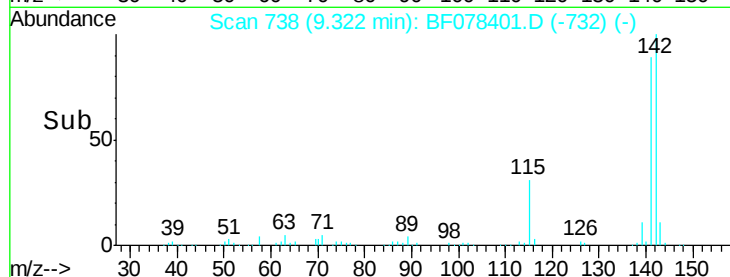
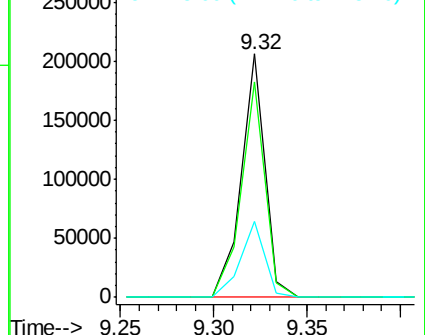
142 100

141 88.5 70.3 105.5

115 31.4 24.6 37.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

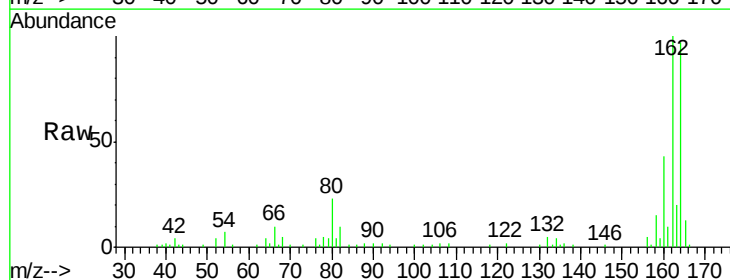
Tgt Ion:164 Resp: 63061

Ion Ratio Lower Upper

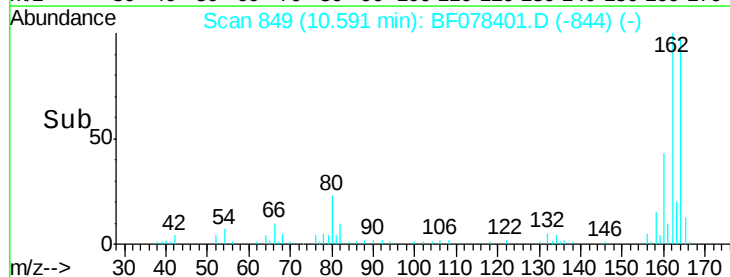
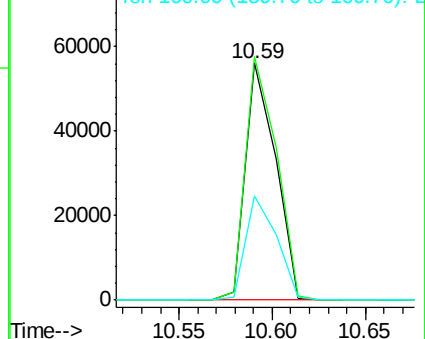
164 100

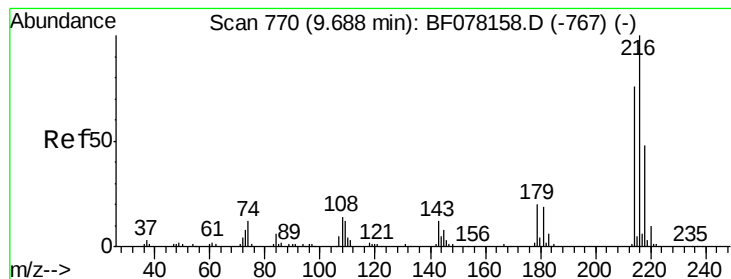
162 102.9 82.2 123.2

160 43.7 34.7 52.1



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: 40.96 ng

RT: 9.53 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 80027

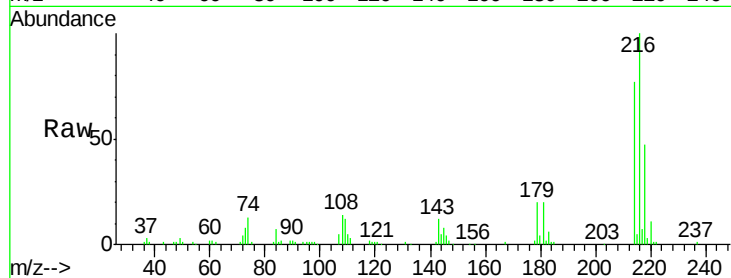
Ion Ratio Lower Upper

216 100

214 77.2 62.0 93.0

179 20.9 17.3 25.9

108 18.5 14.6 21.8

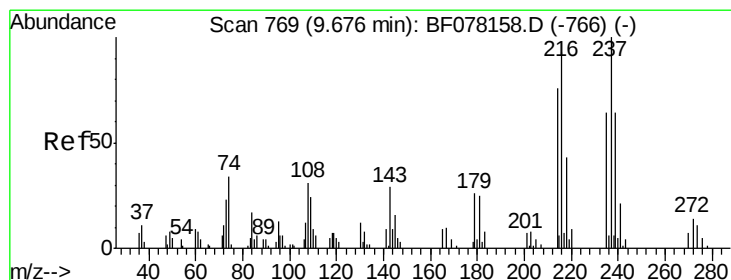
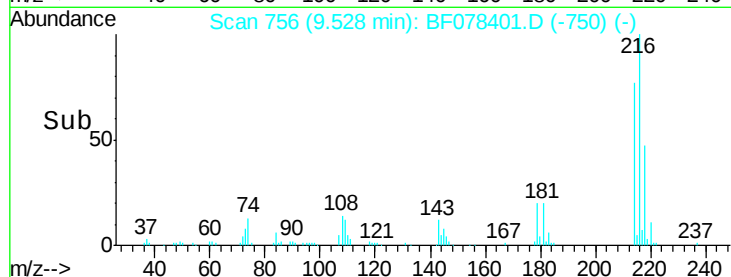
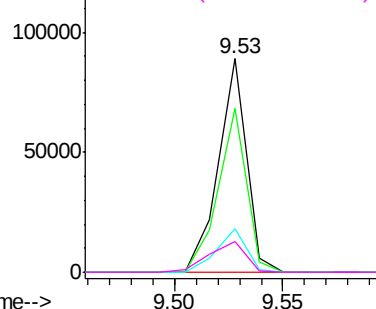


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.52 ng

RT: 9.52 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

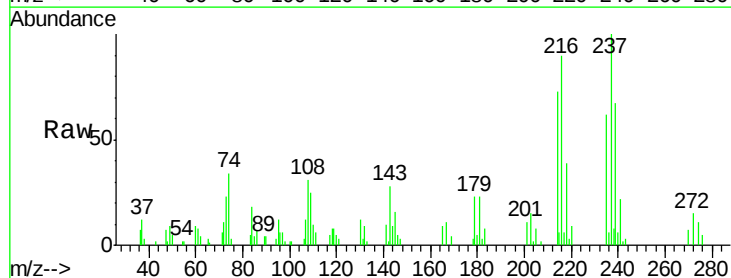
Tgt Ion:237 Resp: 28235

Ion Ratio Lower Upper

237 100

235 62.0 44.1 84.1

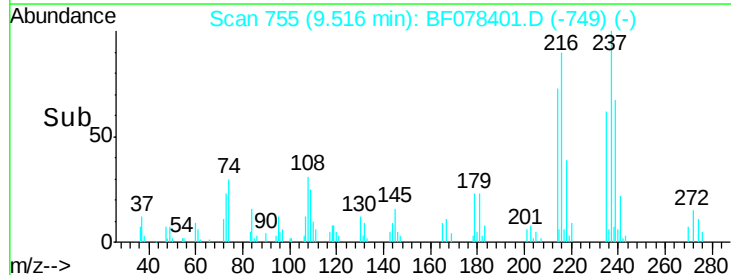
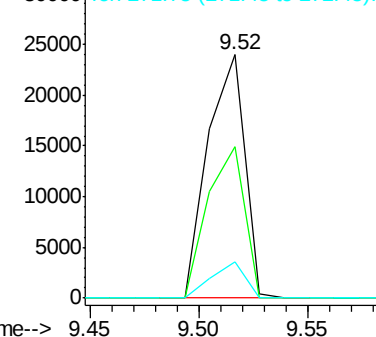
272 14.8 0.0 34.4

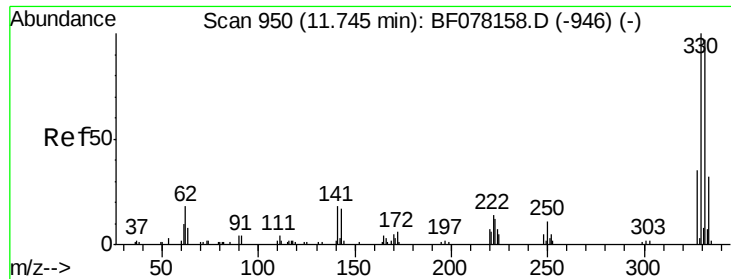


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

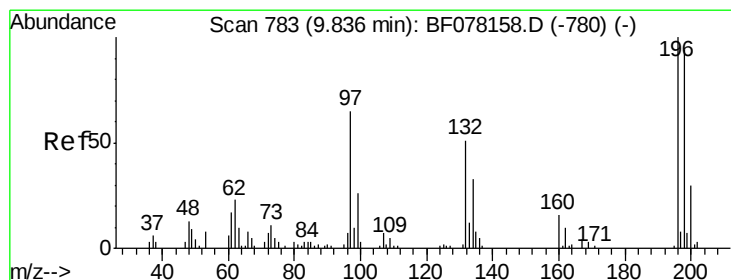
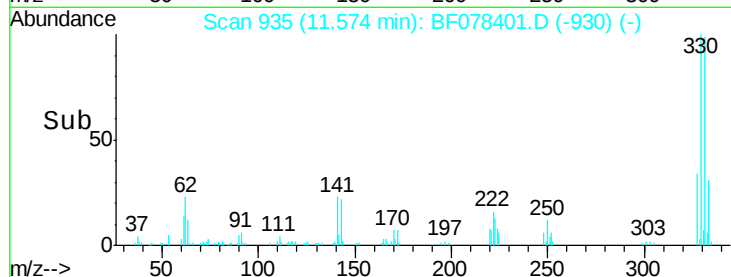
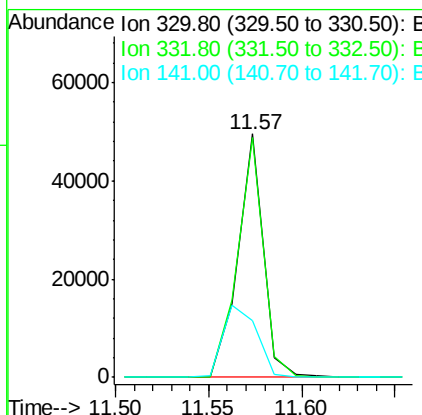
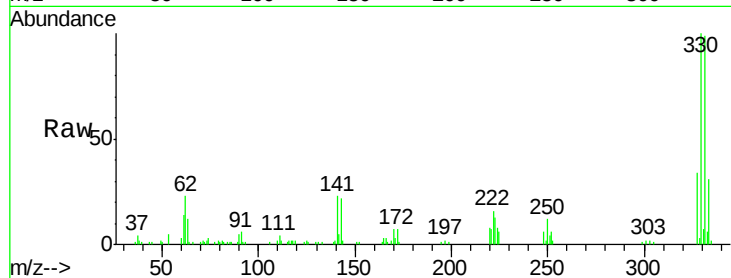




#41  
 2,4,6-Tribromophenol  
 Concen: 91.30 ng  
 RT: 11.57 min Scan# 935  
 Delta R.T. -0.05 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

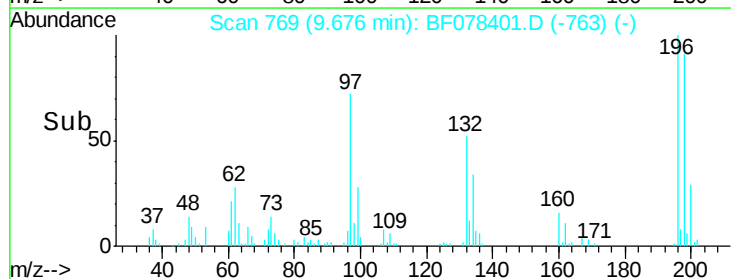
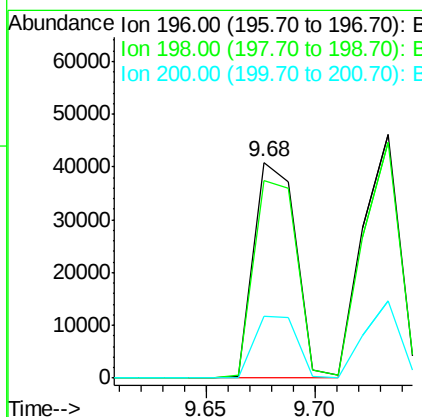
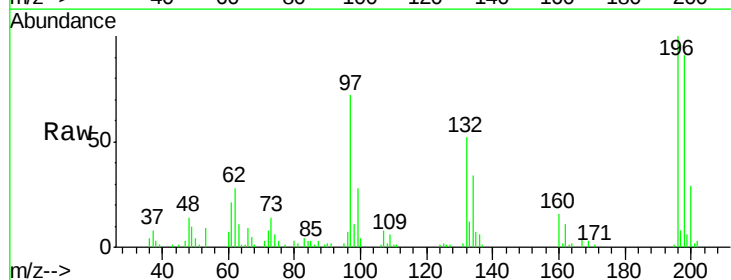
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

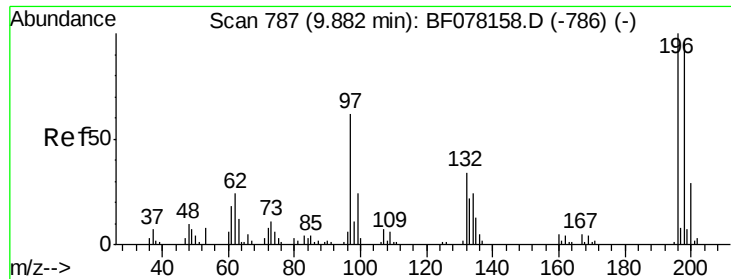
Tgt Ion:330 Resp: 47750  
 Ion Ratio Lower Upper  
 330 100  
 332 99.3 78.6 117.8  
 141 39.0 31.2 46.8



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.79 ng  
 RT: 9.68 min Scan# 769  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:196 Resp: 55189  
 Ion Ratio Lower Upper  
 196 100  
 198 91.5 75.4 113.2  
 200 28.6 24.0 36.0

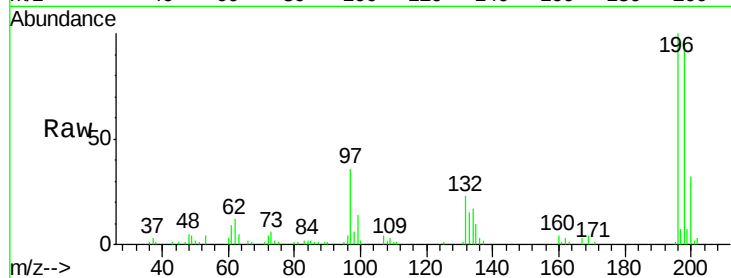




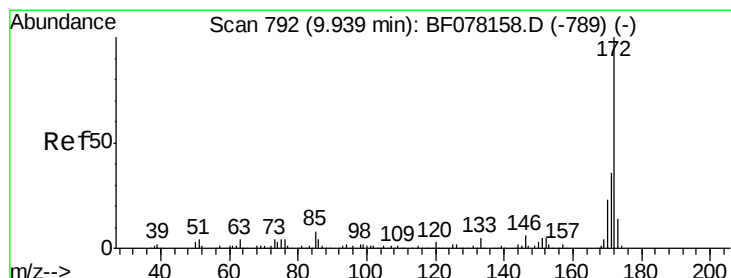
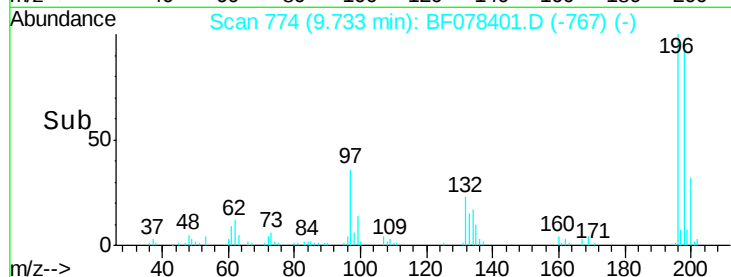
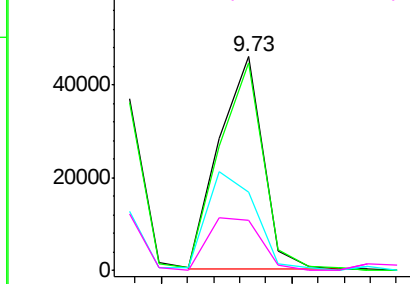
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.90 ng  
 RT: 9.73 min Scan# 774  
 Delta R.T. -0.02 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 53947  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 76.6 115.0  
 97 36.4 50.6 75.8#  
 132 23.5 27.7 41.5#

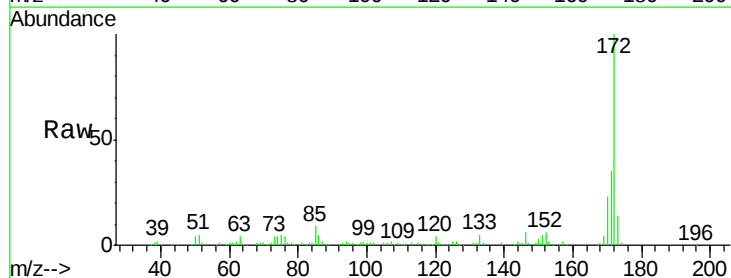


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

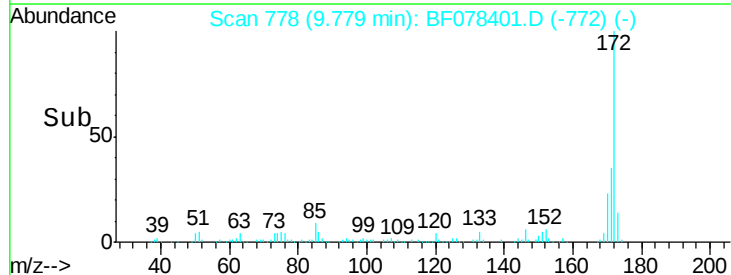
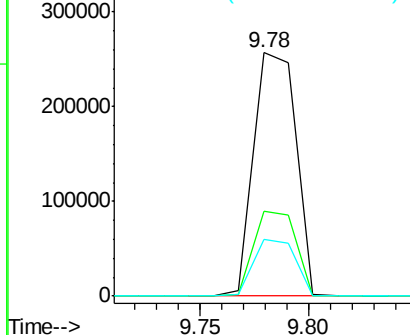


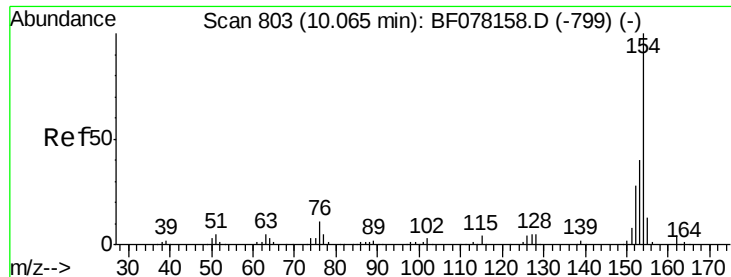
#44  
 2-Fluorobiphenyl  
 Concen: 79.49 ng  
 RT: 9.78 min Scan# 778  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:172 Resp: 350691  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 28.6 42.8  
 170 23.2 18.5 27.7



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





#45

1,1'-Biphenyl

Concen: 40.89 ng

RT: 9.90 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

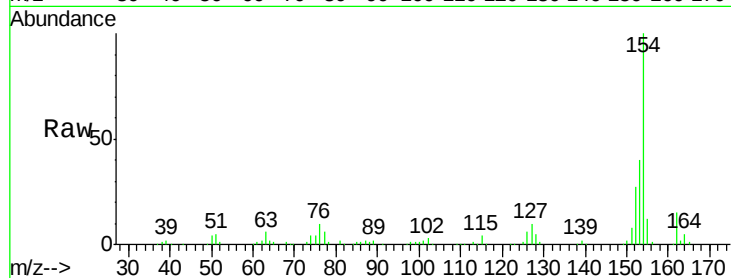
Tgt Ion:154 Resp: 210924

Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

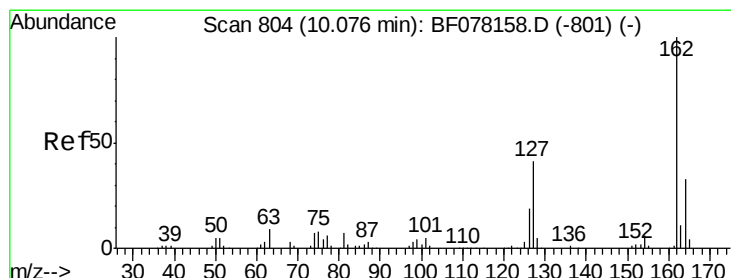
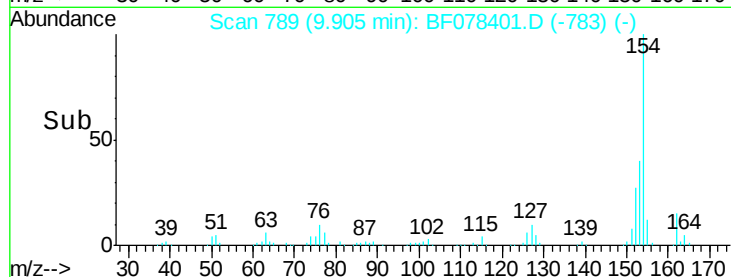
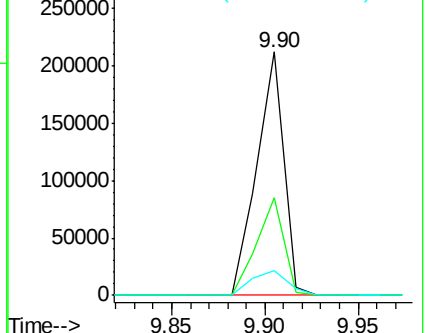
76 10.3 0.0 30.6



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: 40.94 ng

RT: 9.92 min Scan# 790

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

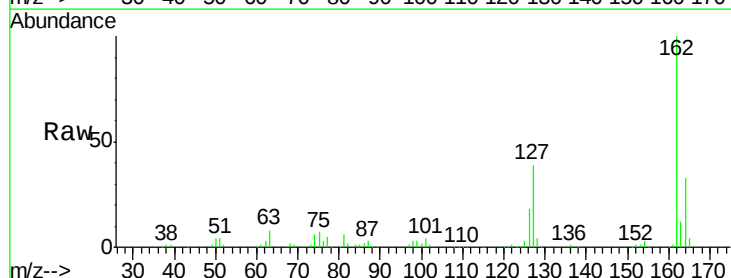
Tgt Ion:162 Resp: 166140

Ion Ratio Lower Upper

162 100

127 38.7 32.6 49.0

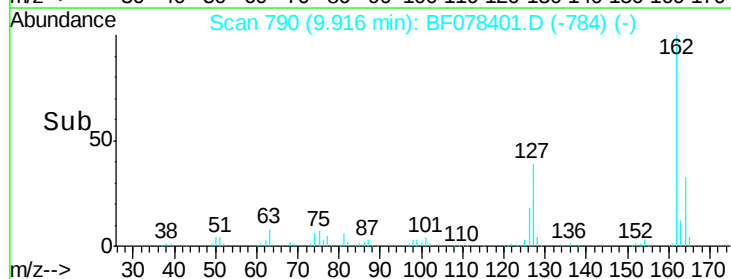
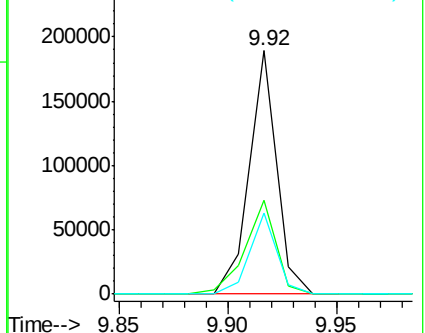
164 33.1 26.0 39.0

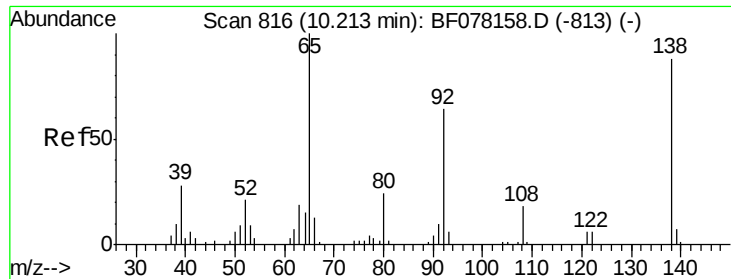


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

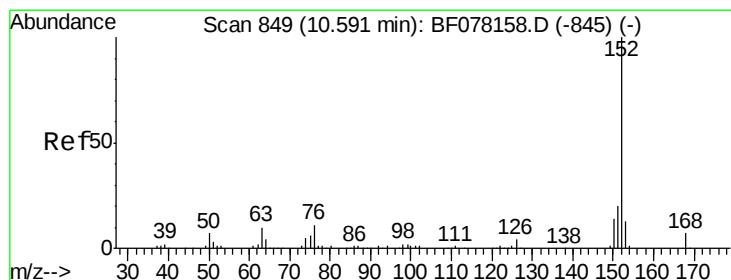
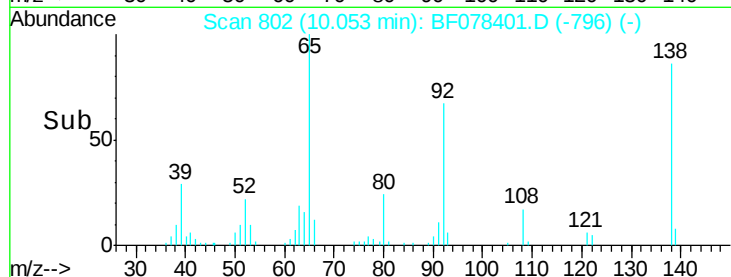
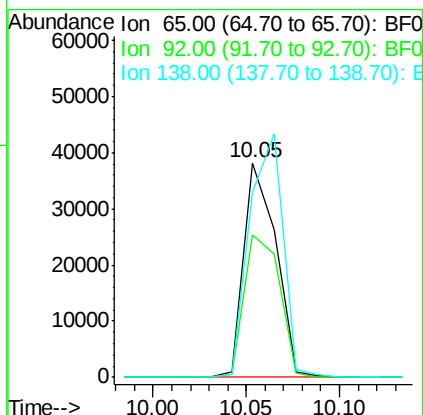
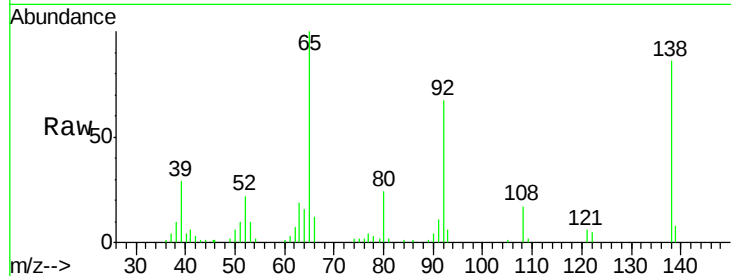




#47  
2-Nitroaniline  
Concen: 45.49 ng  
RT: 10.05 min Scan# 802  
Delta R.T. -0.03 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

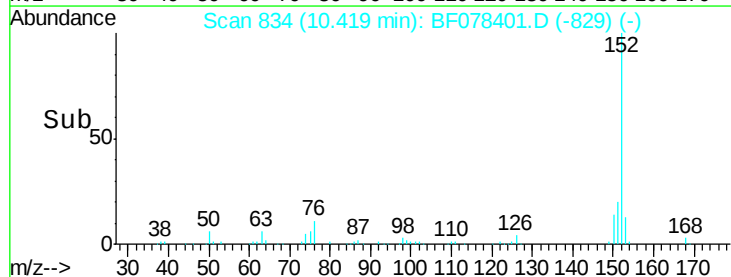
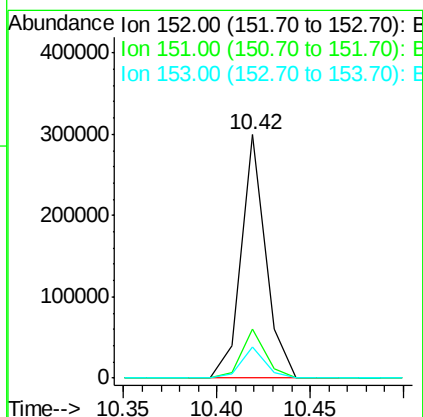
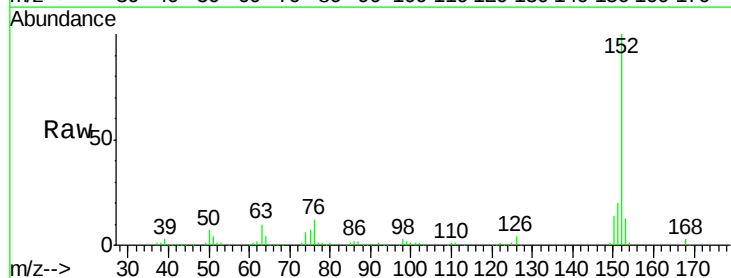
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

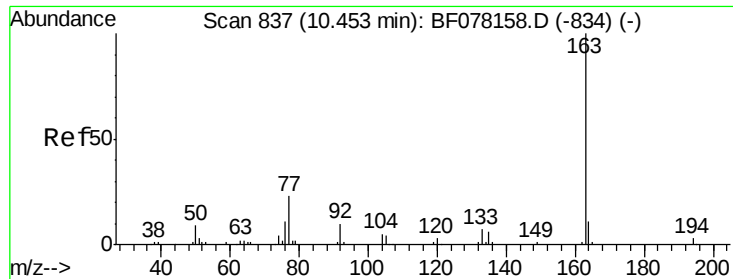
Tgt Ion: 65 Resp: 45675  
Ion Ratio Lower Upper  
65 100  
92 66.6 51.3 76.9  
138 86.1 70.4 105.6



#48  
Acenaphthylene  
Concen: 41.93 ng  
RT: 10.42 min Scan# 834  
Delta R.T. -0.05 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

Tgt Ion: 152 Resp: 274793  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.7 23.5  
153 12.8 10.2 15.2

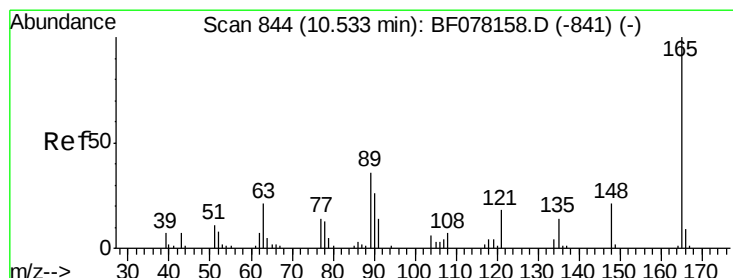
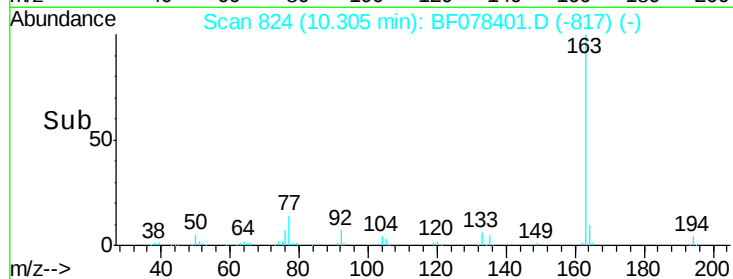
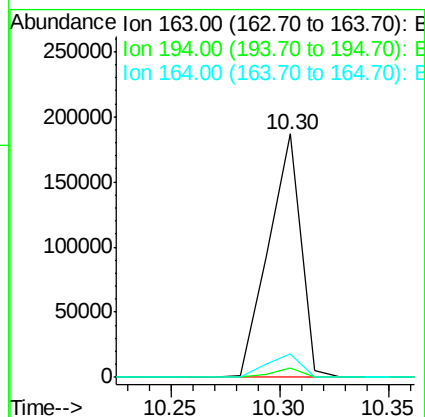
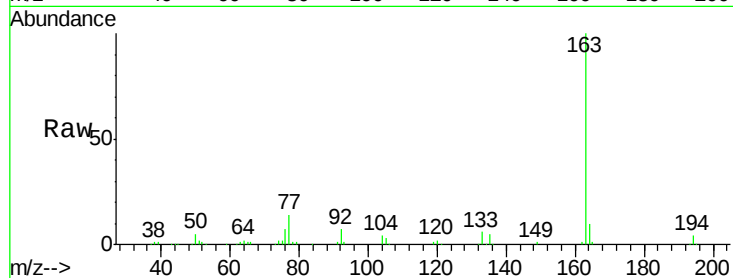




#49  
Dimethylphthalate  
Concen: 41.18 ng  
RT: 10.30 min Scan# 824  
Delta R.T. -0.02 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

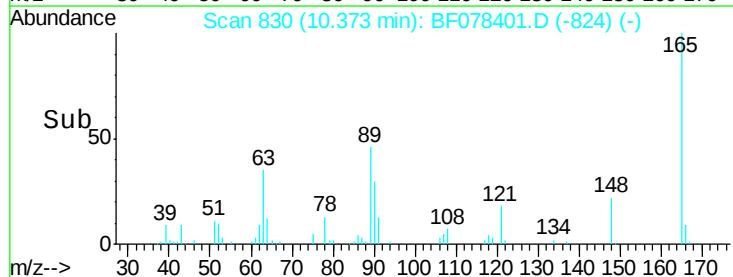
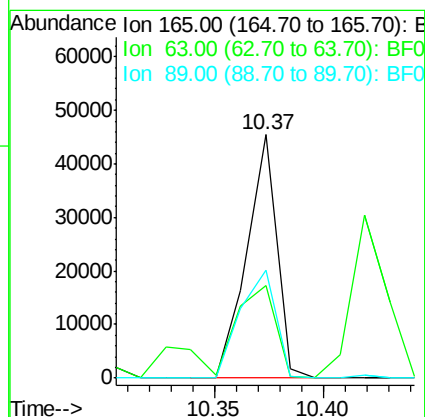
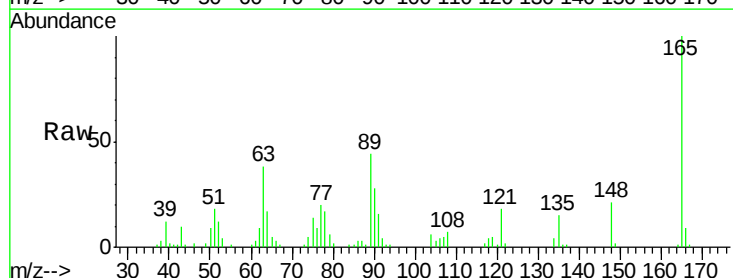
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

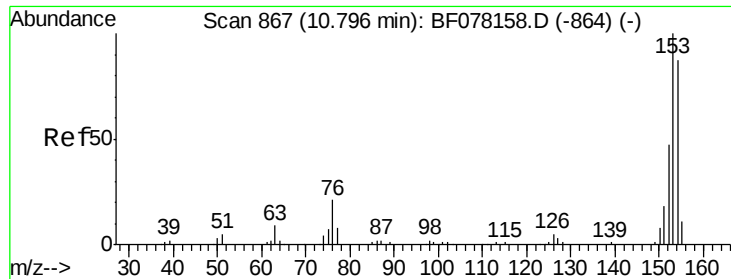
Tgt Ion:163 Resp: 195107  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.3 3.5#  
164 9.6 8.6 13.0



#50  
2,6-Dinitrotoluene  
Concen: 44.74 ng  
RT: 10.37 min Scan# 830  
Delta R.T. -0.03 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

Tgt Ion:165 Resp: 43613  
Ion Ratio Lower Upper  
165 100  
63 38.1 24.1 36.1#  
89 44.1 28.9 43.3#





#51

Acenaphthene

Concen: 41.69 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

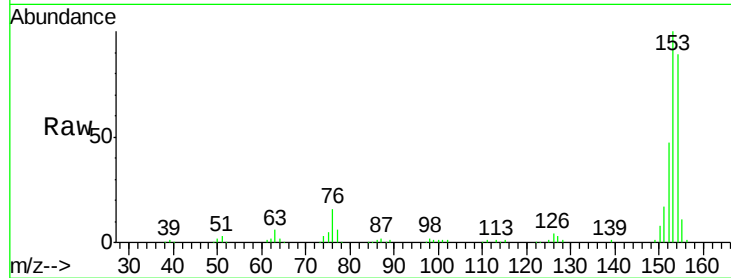
Tgt Ion:154 Resp: 153812

Ion Ratio Lower Upper

154 100

153 112.5 91.4 137.2

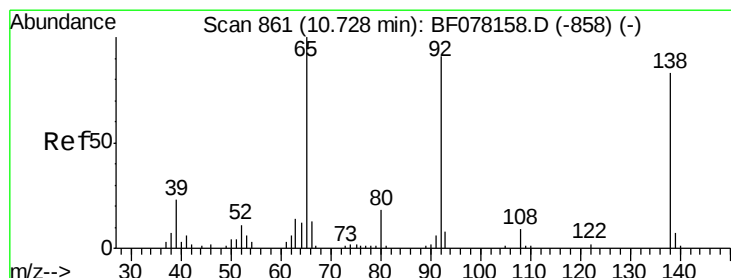
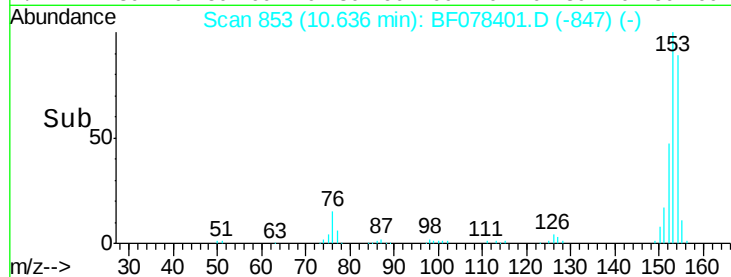
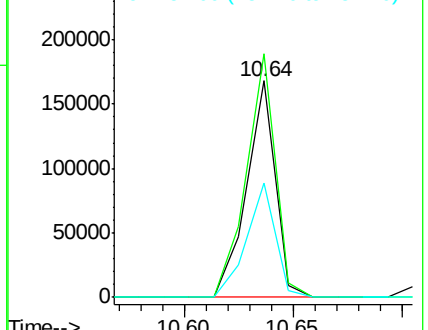
152 52.9 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.25 ng

RT: 10.57 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

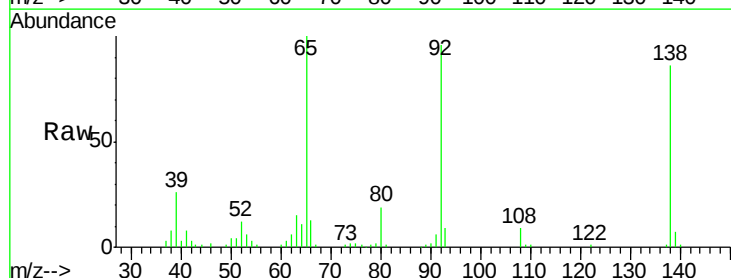
Tgt Ion:138 Resp: 51265

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.4

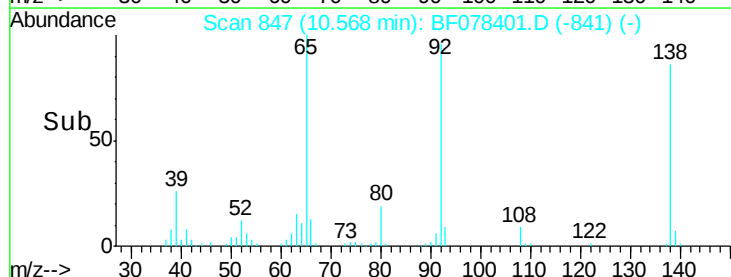
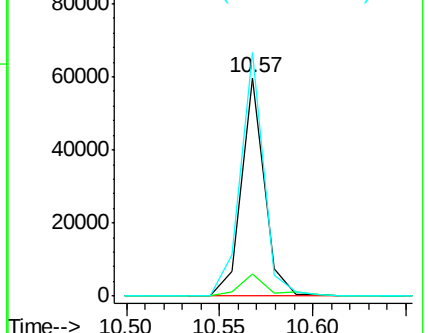
92 111.6 88.4 132.6

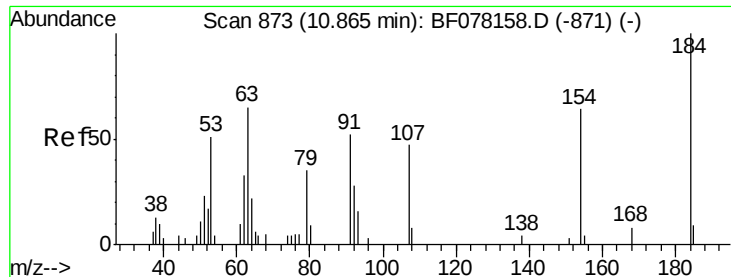


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

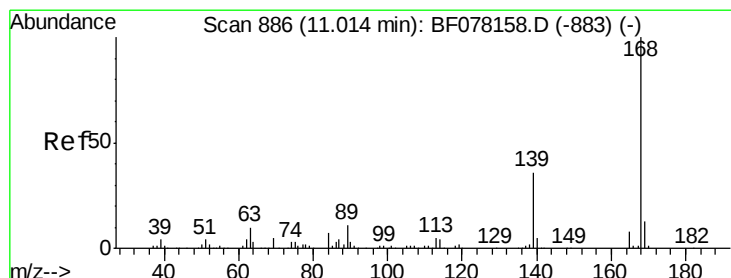
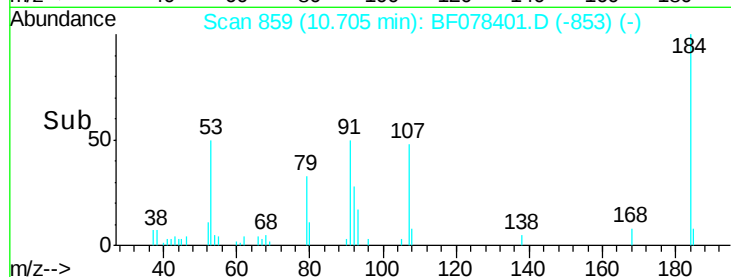
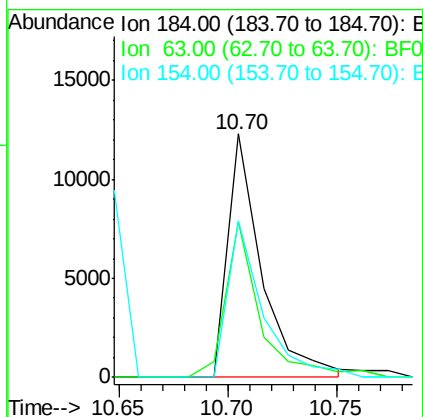
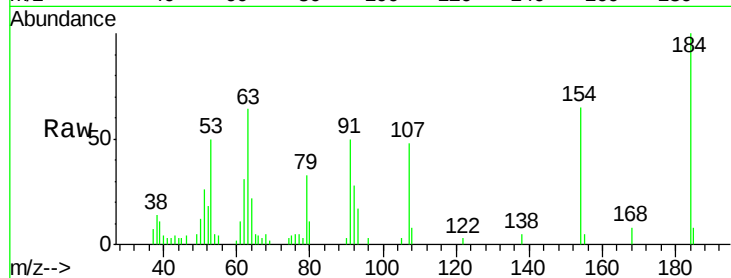




#53  
2,4-Dinitrophenol  
Concen: 45.80 ng  
RT: 10.70 min Scan# 859  
Delta R.T. -0.03 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

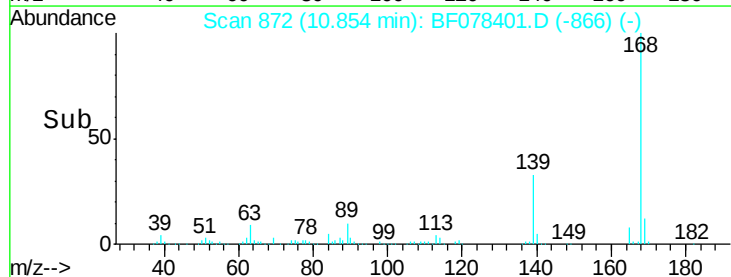
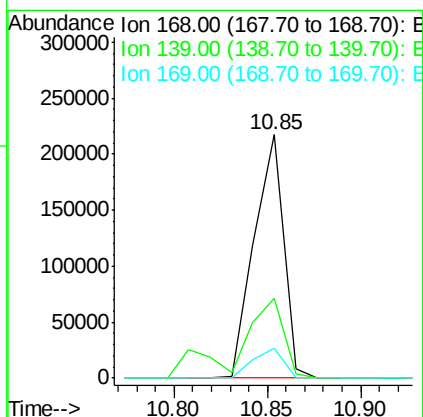
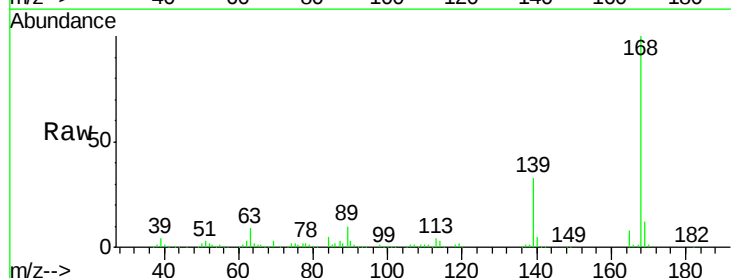
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

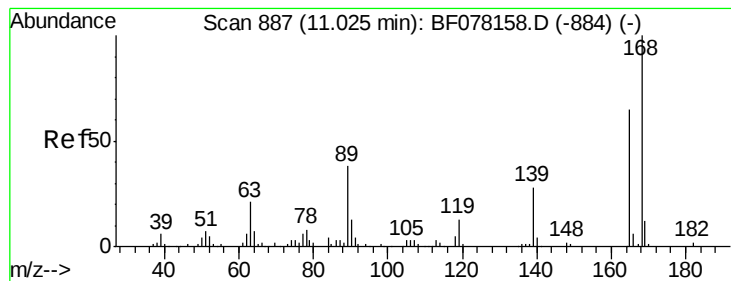
Tgt Ion:184 Resp: 13304  
Ion Ratio Lower Upper  
184 100  
63 63.8 51.9 77.9  
154 64.5 51.0 76.4



#54  
Dibenzofuran  
Concen: 42.07 ng  
RT: 10.85 min Scan# 872  
Delta R.T. -0.03 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

Tgt Ion:168 Resp: 237082  
Ion Ratio Lower Upper  
168 100  
139 32.8 31.0 46.4  
169 12.3 10.7 16.1

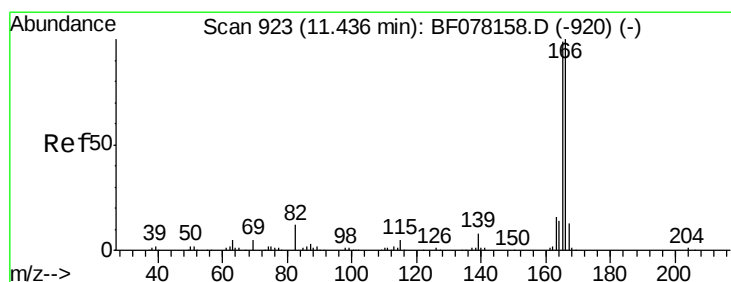
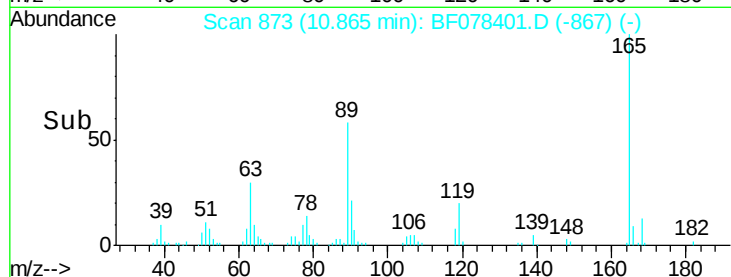
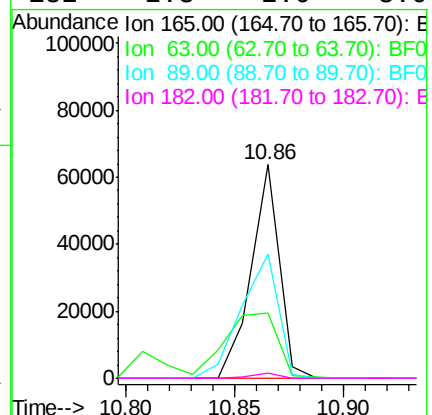
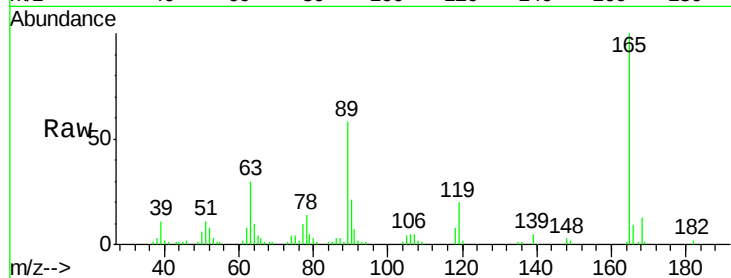




#56  
 2,4-Dinitrotoluene  
 Concen: 45.39 ng  
 RT: 10.86 min Scan# 873  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

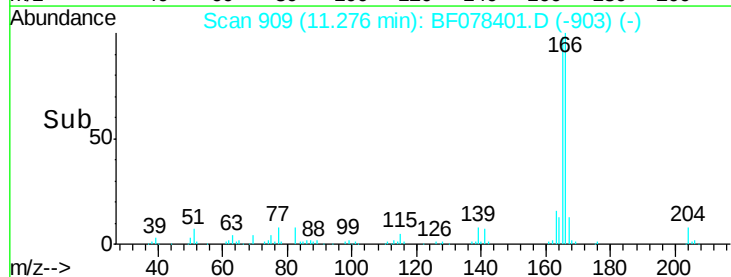
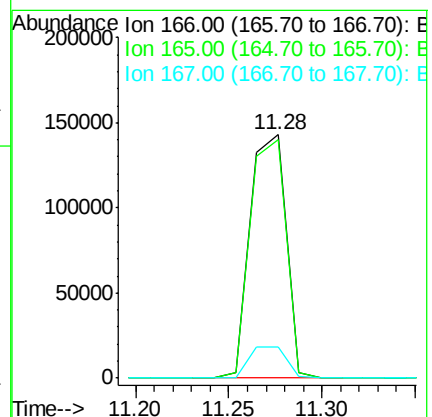
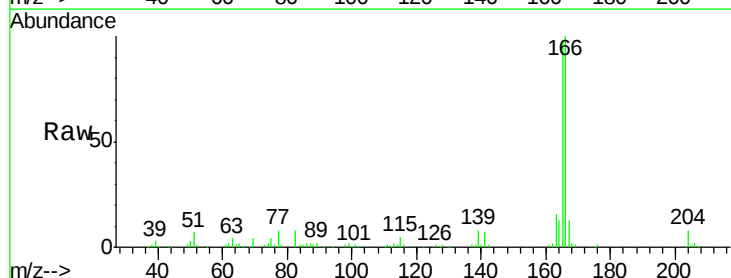
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

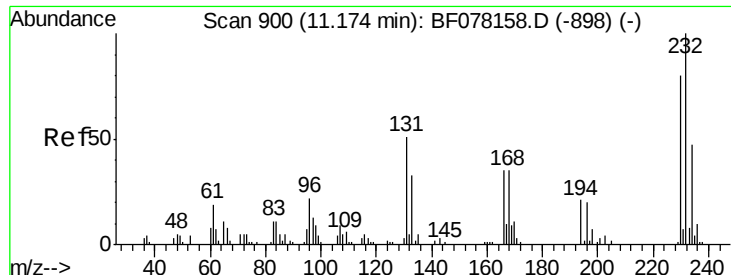
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 57297 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 30.5  | 26.5  | 39.7  |
| 89       | 58.1  | 46.4  | 69.6  |
| 182      | 2.3   | 2.0   | 3.0   |



#57  
 Fluorene  
 Concen: 42.45 ng  
 RT: 11.28 min Scan# 909  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 193919 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.1  | 78.9  | 118.3  |
| 167      | 12.7  | 10.7  | 16.1   |

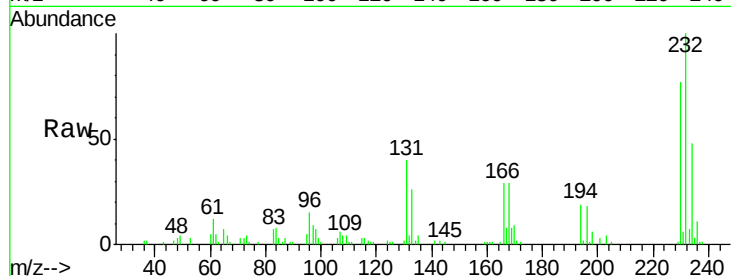




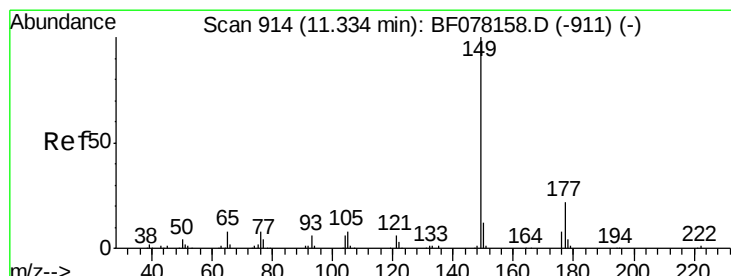
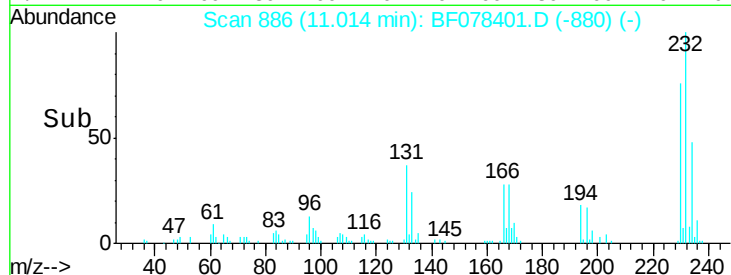
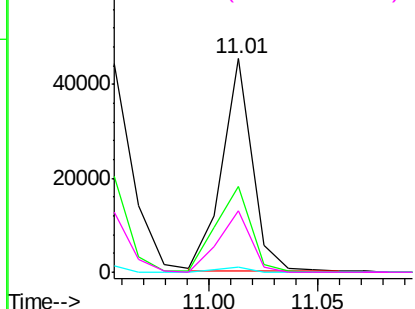
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.76 ng  
 RT: 11.01 min Scan# 886  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 232 Resp: 43675  
 Ion Ratio Lower Upper  
 232 100  
 131 47.0 37.8 56.8  
 130 2.3 1.5 2.3  
 166 31.0 25.8 38.6

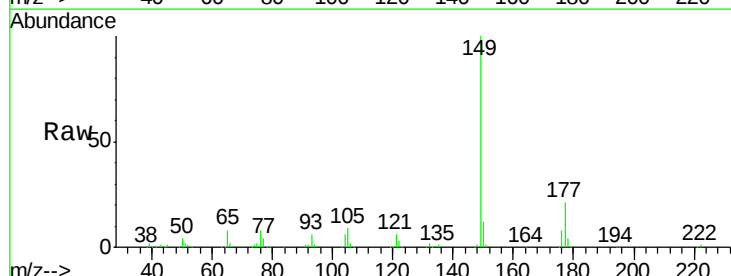


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

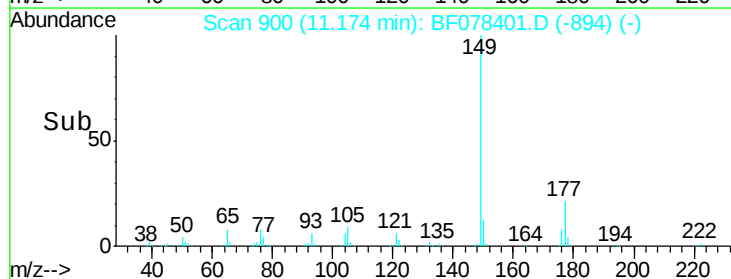
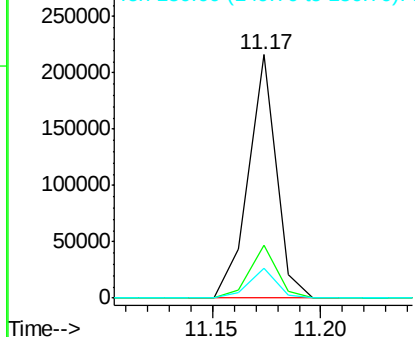


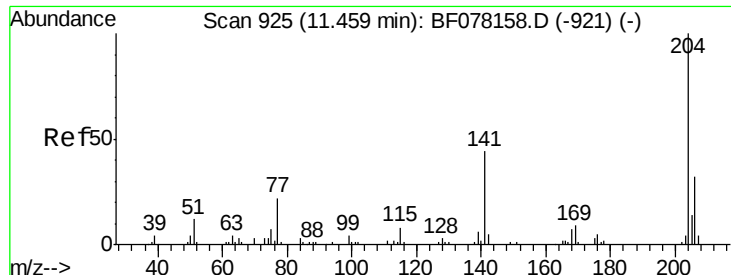
#59  
 Diethylphthalate  
 Concen: 42.33 ng  
 RT: 11.17 min Scan# 900  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion: 149 Resp: 193345  
 Ion Ratio Lower Upper  
 149 100  
 177 21.5 17.4 26.2  
 150 12.0 9.4 14.2



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

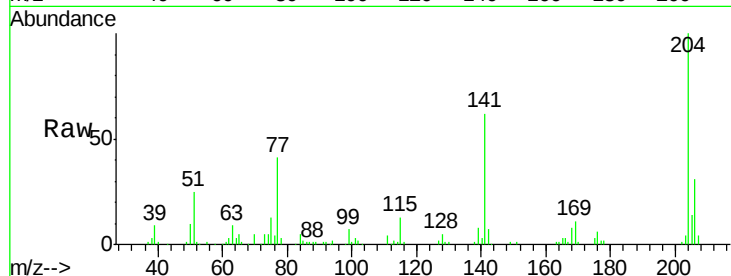




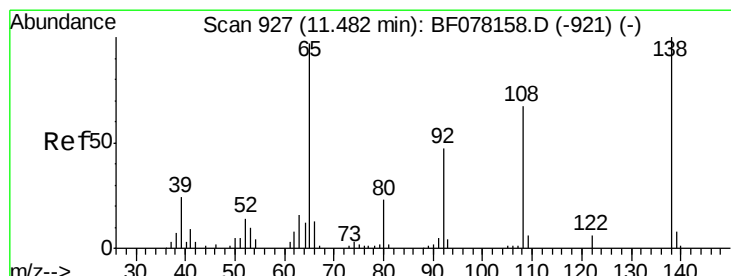
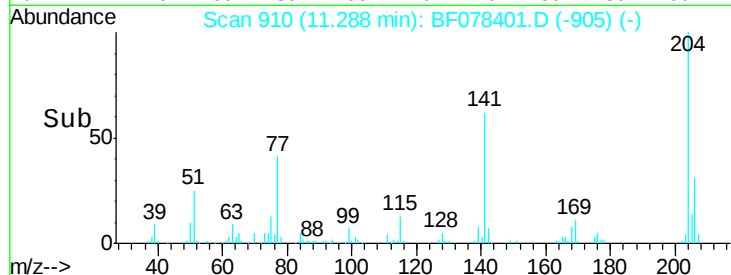
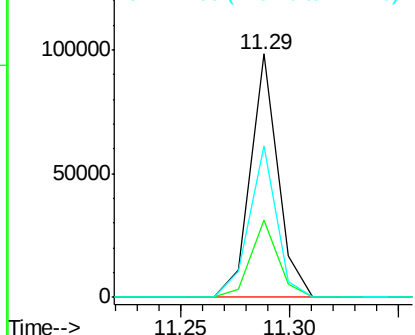
#60  
 4-Chlorophenyl-phenylether  
 Concen: 41.24 ng  
 RT: 11.29 min Scan# 910  
 Delta R.T. -0.05 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 204 Resp: 86669  
 Ion Ratio Lower Upper  
 204 100  
 206 31.5 25.6 38.4  
 141 62.3 35.4 53.0#

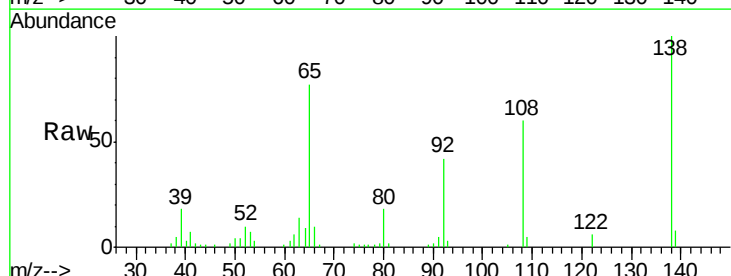


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

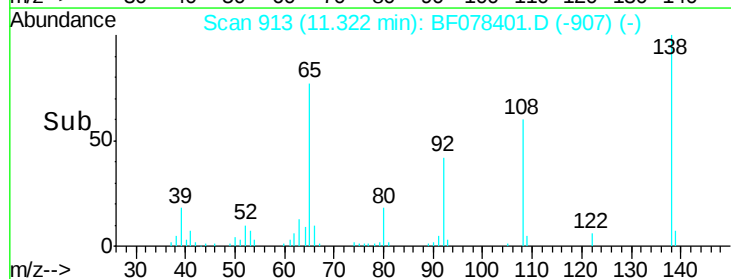
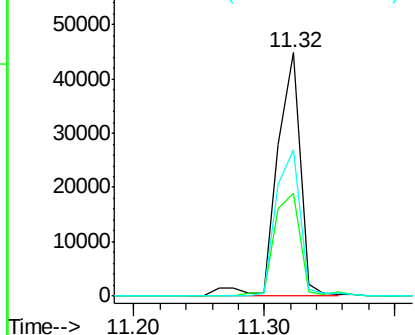


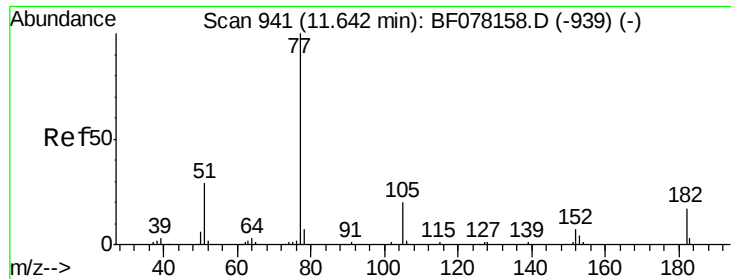
#61  
 4-Nitroaniline  
 Concen: 48.96 ng  
 RT: 11.32 min Scan# 913  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion: 138 Resp: 54849  
 Ion Ratio Lower Upper  
 138 100  
 92 42.1 27.3 67.3  
 108 60.3 47.2 87.2



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: 41.66 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 173685

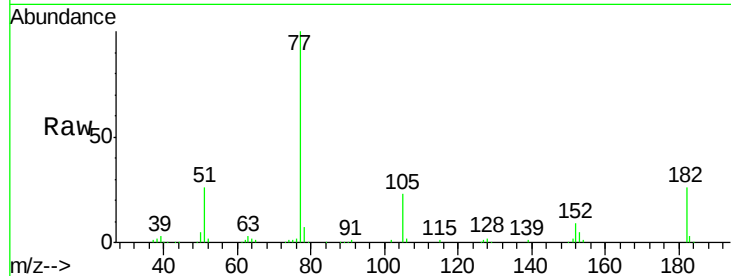
Ion Ratio Lower Upper

77 100

182 25.6 0.0 36.8

105 22.6 0.3 40.3

51 26.4 9.1 49.1

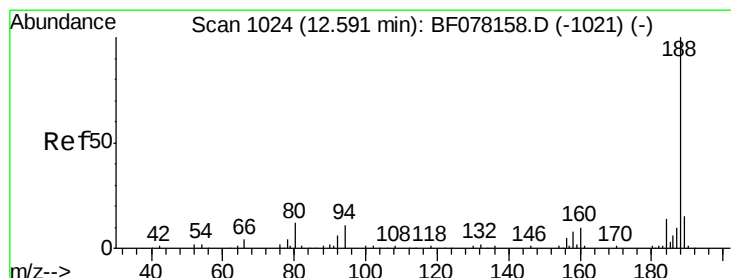
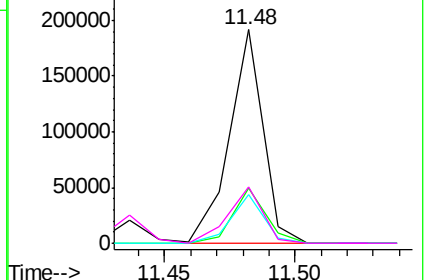
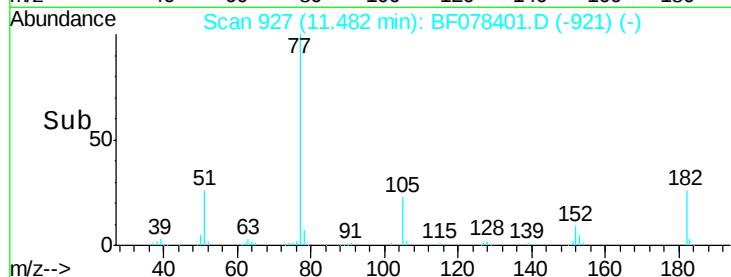


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.42 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

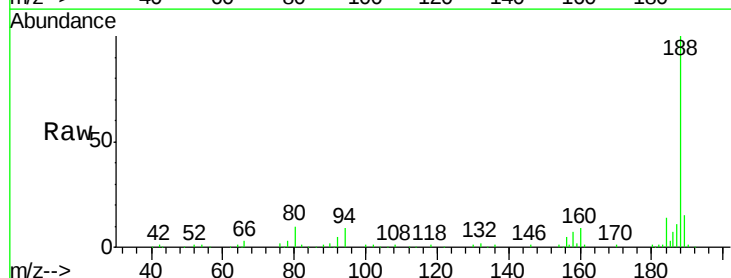
Tgt Ion: 188 Resp: 128266

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

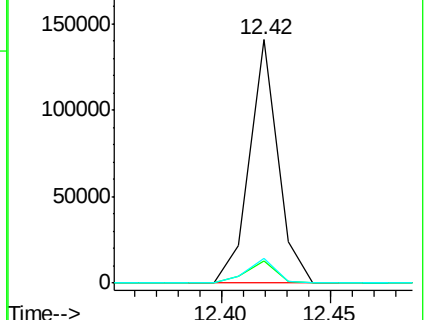
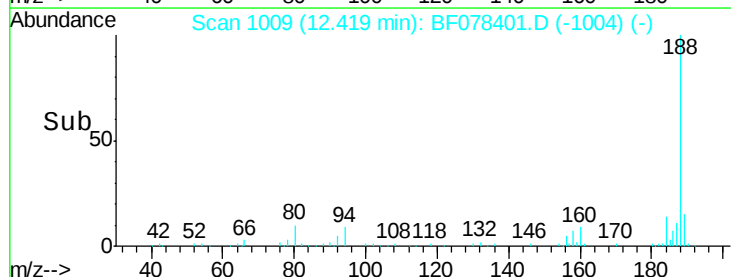
80 10.1 9.5 14.3

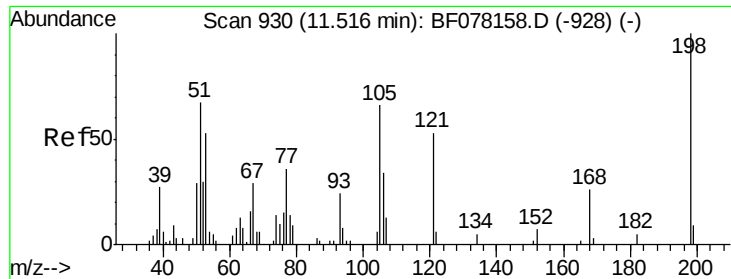


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

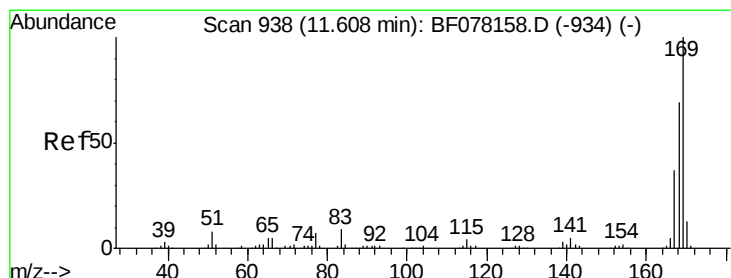
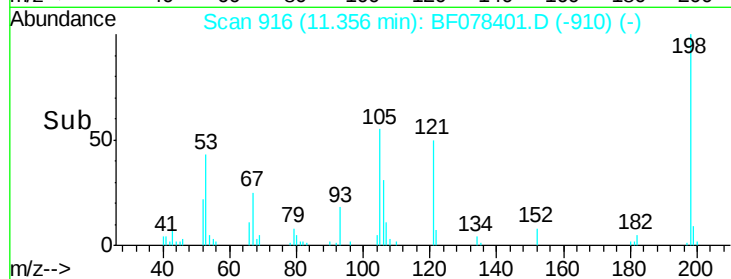
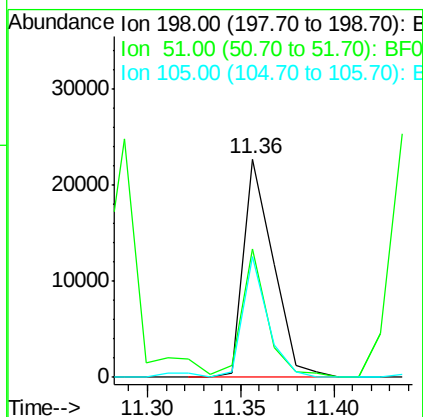
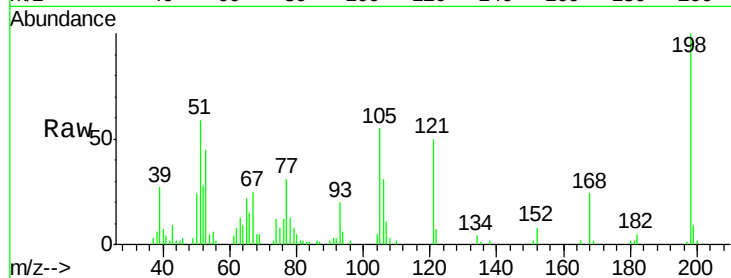




#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.00 ng  
 RT: 11.36 min Scan# 916  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

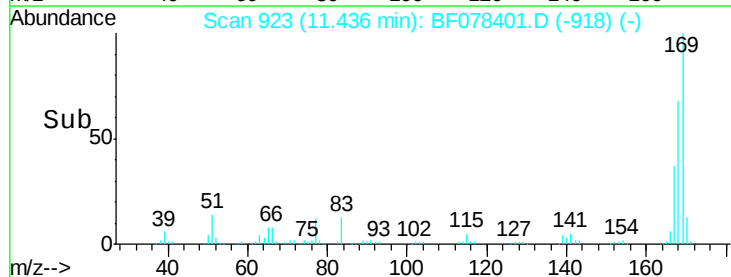
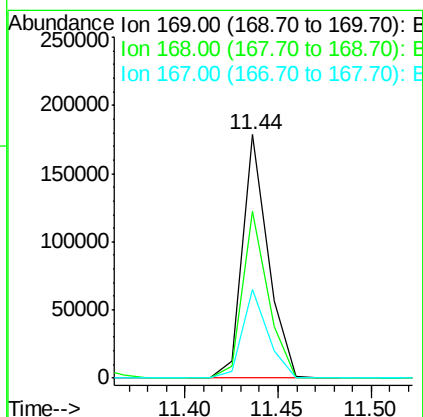
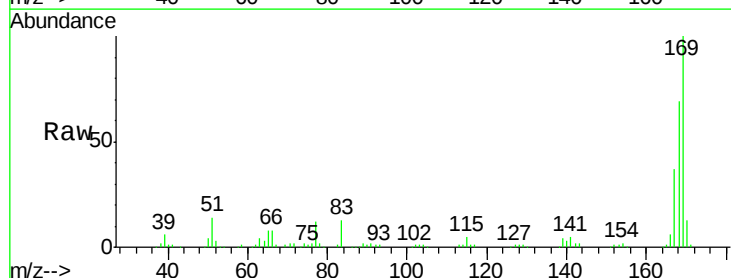
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

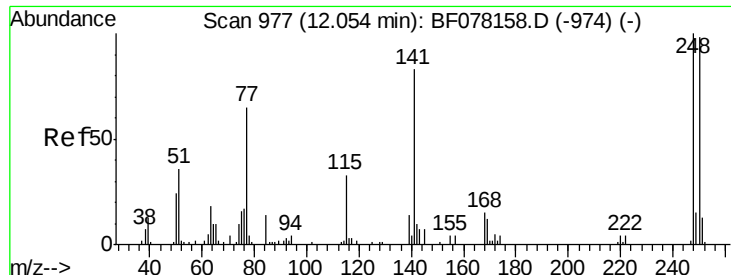
Tgt Ion:198 Resp: 25138  
 Ion Ratio Lower Upper  
 198 100  
 51 58.6 48.6 88.6  
 105 55.1 45.8 85.8



#65  
 n-Nitrosodiphenylamine  
 Concen: 38.35 ng  
 RT: 11.44 min Scan# 923  
 Delta R.T. -0.05 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:169 Resp: 170165  
 Ion Ratio Lower Upper  
 169 100  
 168 68.5 55.0 82.4  
 167 36.7 29.3 43.9

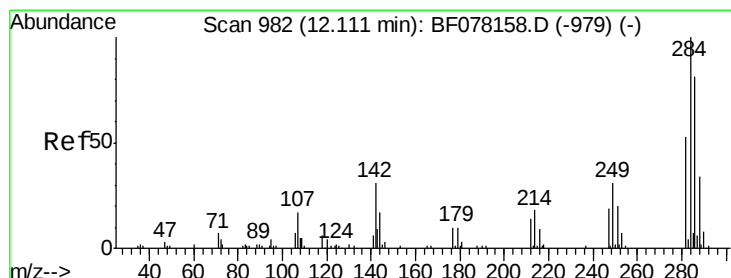
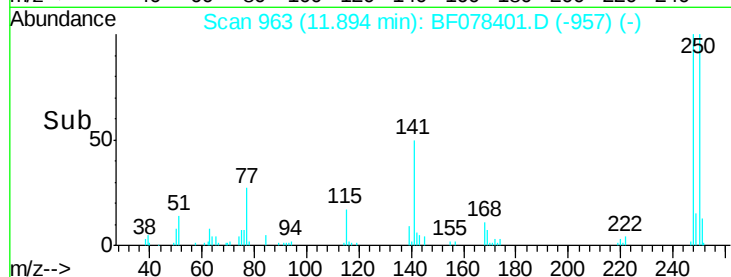
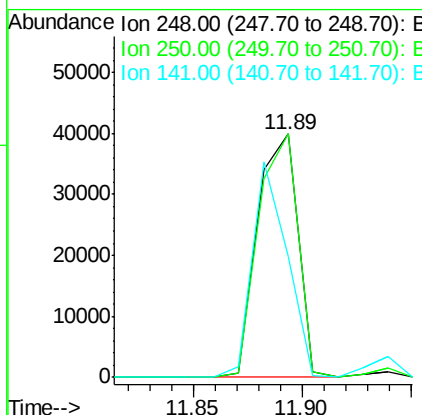
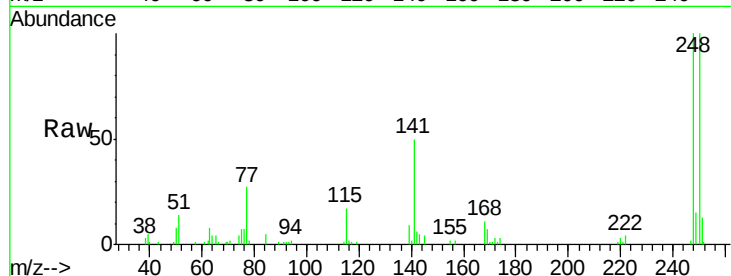




#66  
 4-Bromophenyl-phenylether  
 Concen: 38.05 ng  
 RT: 11.89 min Scan# 963  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

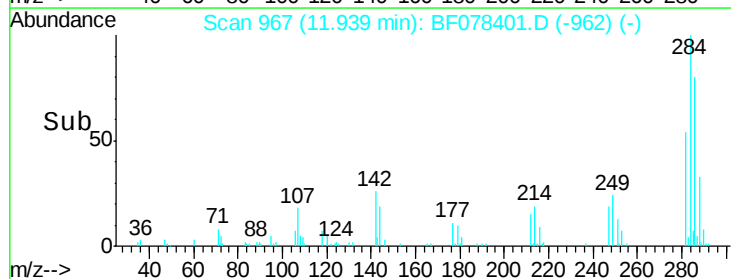
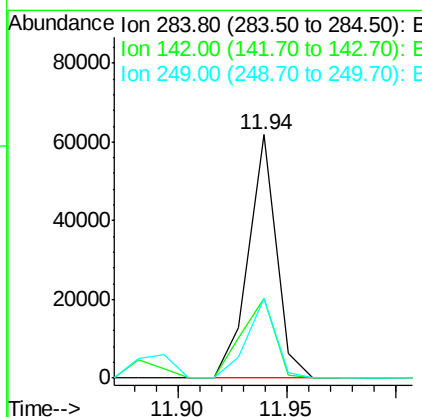
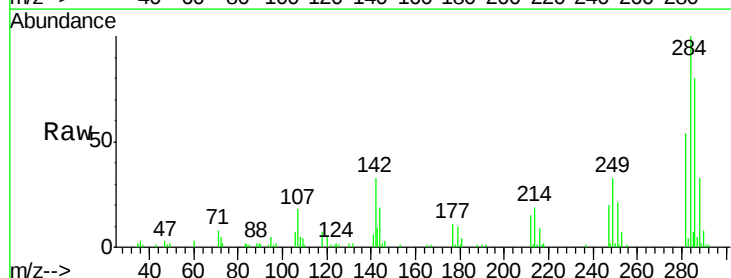
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

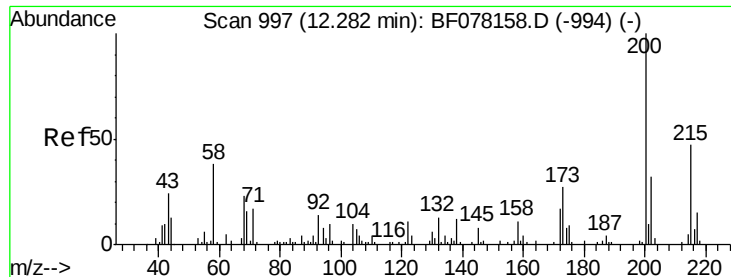
Tgt Ion:248 Resp: 51691  
 Ion Ratio Lower Upper  
 248 100  
 250 100.2 78.2 117.2  
 141 49.8 66.4 99.6#



#67  
 Hexachlorobenzene  
 Concen: 37.32 ng  
 RT: 11.94 min Scan# 967  
 Delta R.T. -0.05 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:284 Resp: 55560  
 Ion Ratio Lower Upper  
 284 100  
 142 32.9 24.5 36.7  
 249 32.5 24.8 37.2

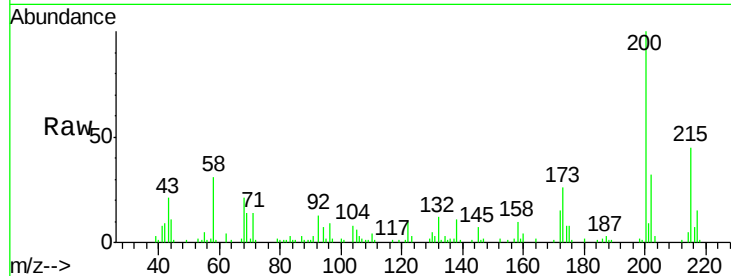




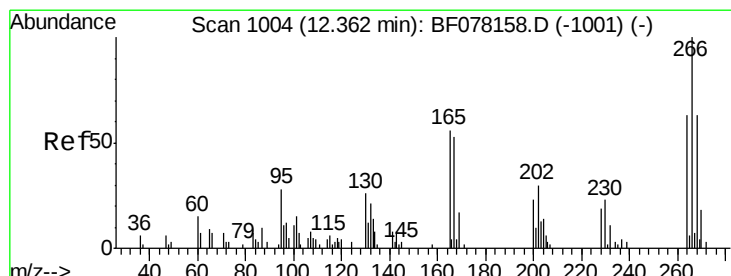
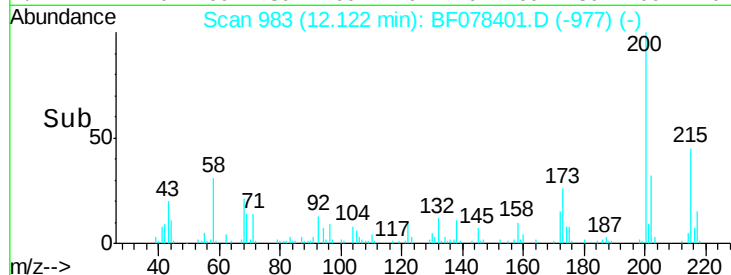
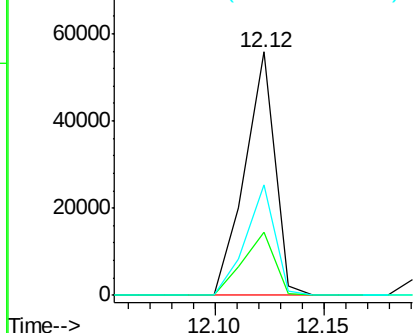
#68  
 Atrazine  
 Concen: 41.64 ng  
 RT: 12.12 min Scan# 983  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:200 Resp: 53505  
 Ion Ratio Lower Upper  
 200 100  
 173 26.0 6.9 46.9  
 215 45.4 27.1 67.1

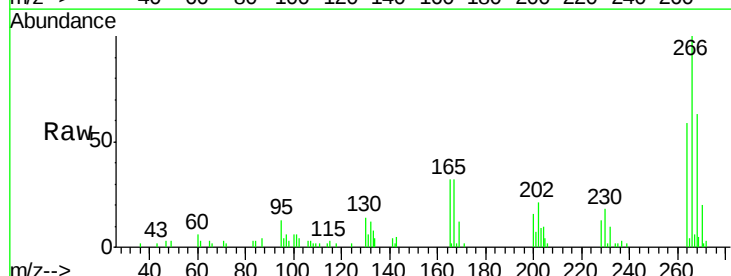


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

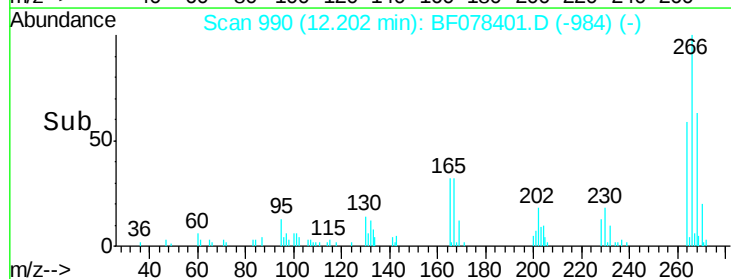
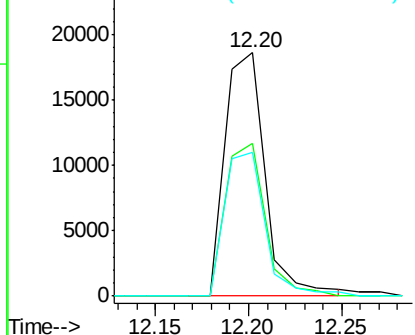


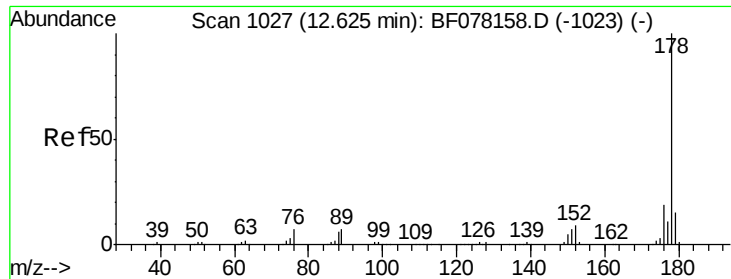
#69  
 Pentachlorophenol  
 Concen: 46.21 ng  
 RT: 12.20 min Scan# 990  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:266 Resp: 28107  
 Ion Ratio Lower Upper  
 266 100  
 268 62.8 50.1 75.1  
 264 59.2 50.0 75.0



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

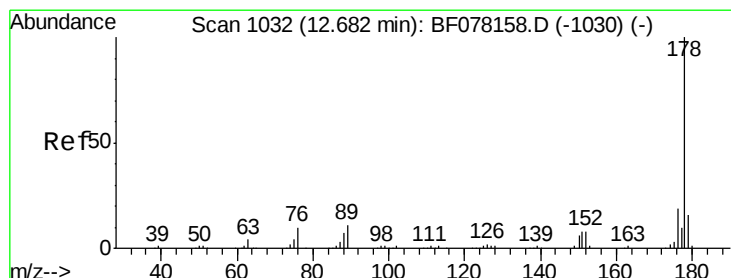
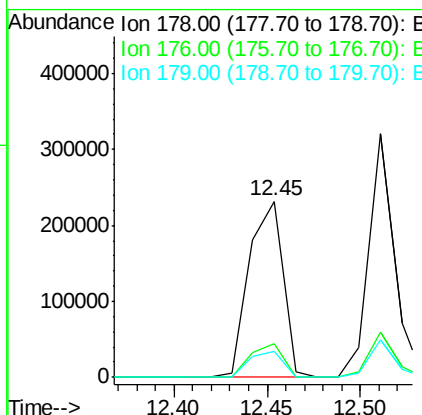
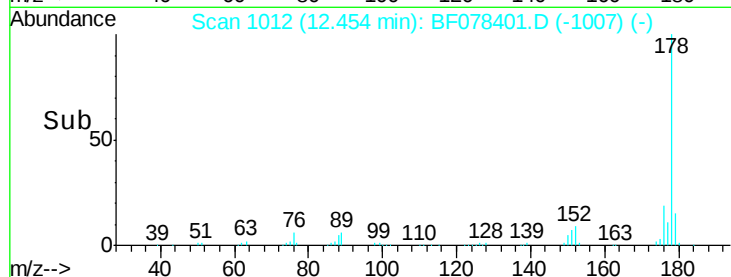
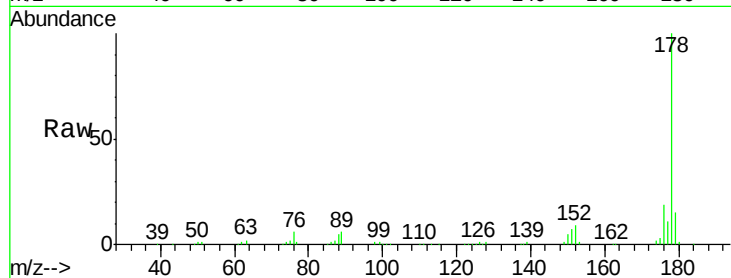




#70  
Phenanthrene  
Concen: 39.32 ng  
RT: 12.45 min Scan# 1012  
Delta R.T. -0.05 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

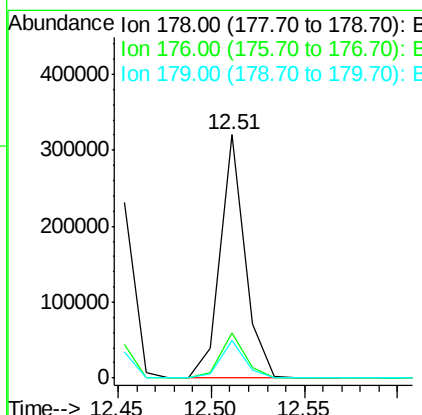
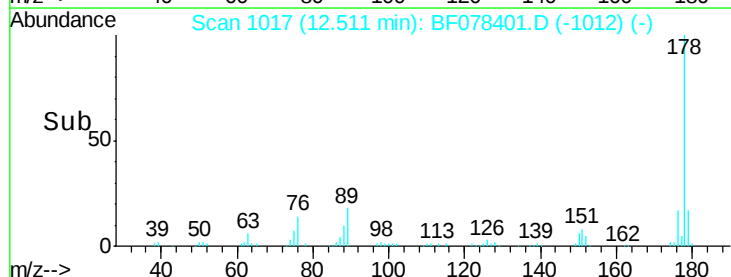
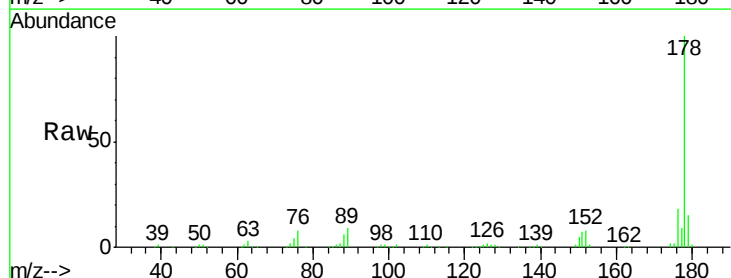
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

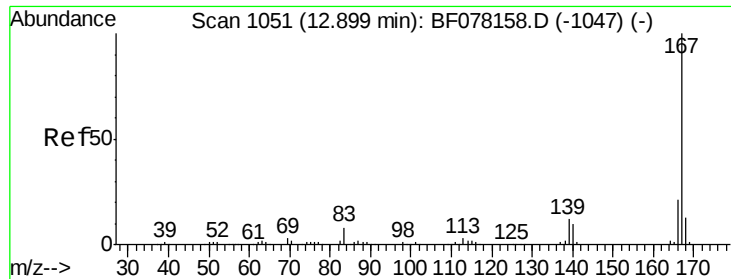
Tgt Ion:178 Resp: 291729  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 14.7 12.2 18.2



#71  
Anthracene  
Concen: 40.52 ng  
RT: 12.51 min Scan# 1017  
Delta R.T. -0.05 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

Tgt Ion:178 Resp: 296227  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.4 12.4 18.6





#72

Carbazole

Concen: 40.99 ng

RT: 12.73 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

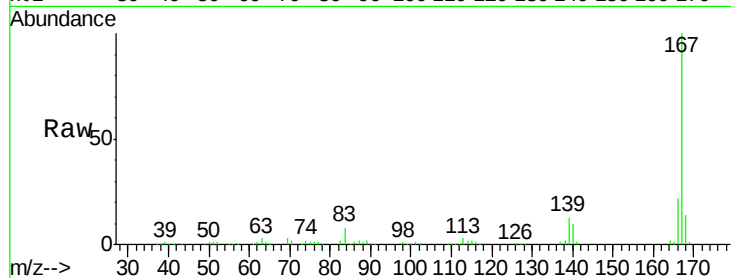
Tgt Ion:167 Resp: 280884

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

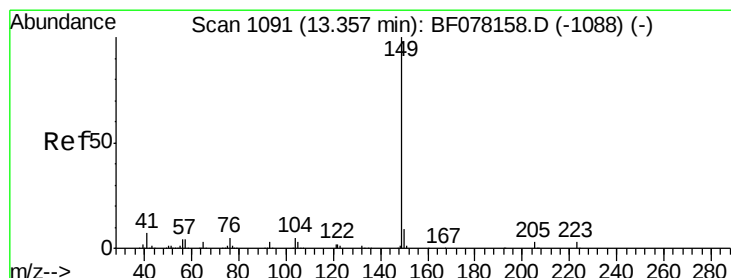
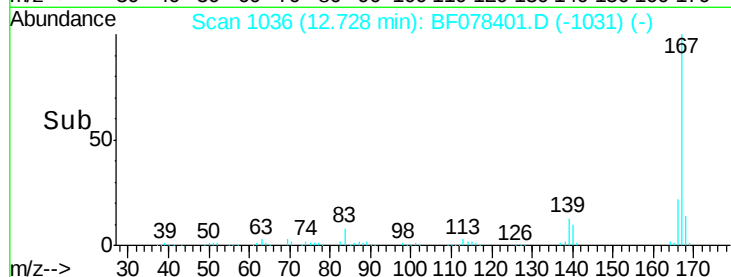
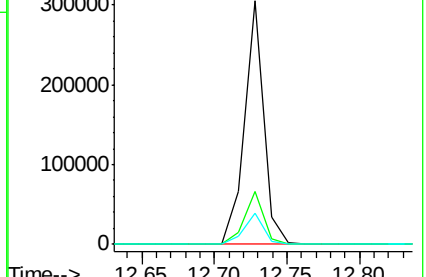
139 12.7 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 42.85 ng

RT: 13.20 min Scan# 1077

Delta R.T. -0.03 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

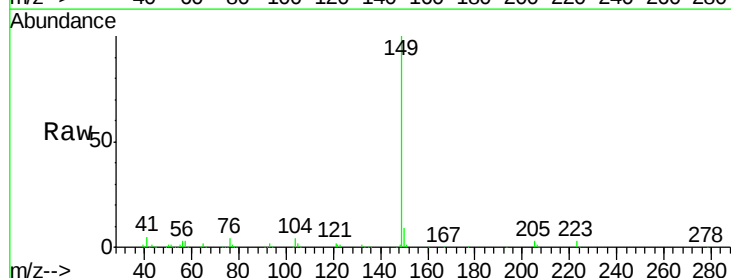
Tgt Ion:149 Resp: 332639

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

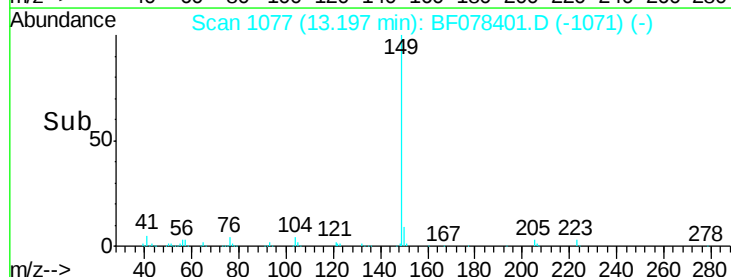
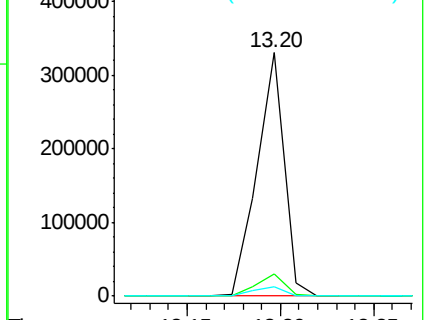
104 3.9 3.8 5.6

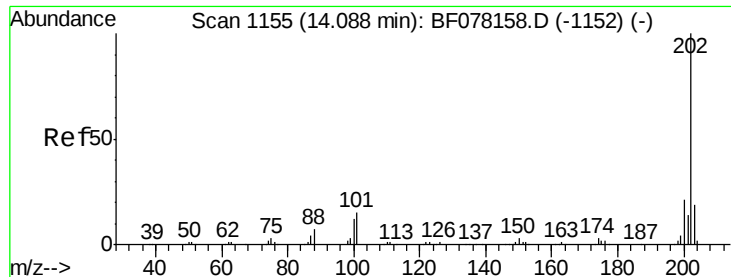


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

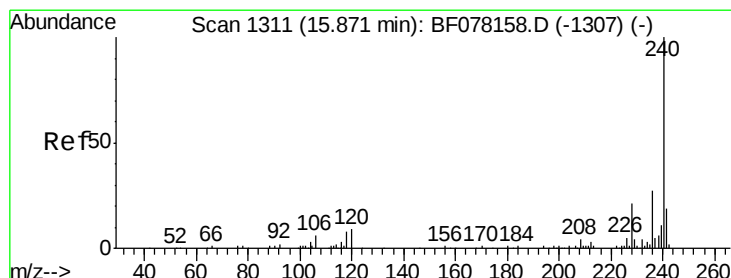
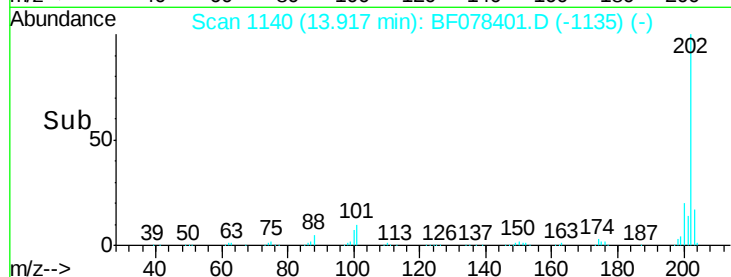
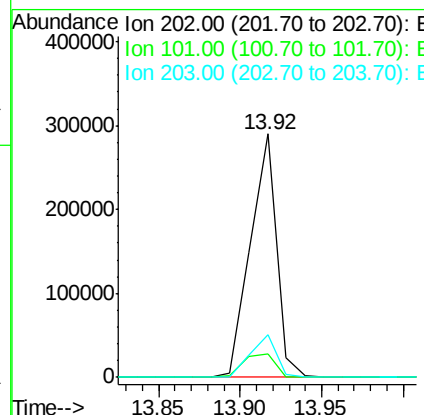
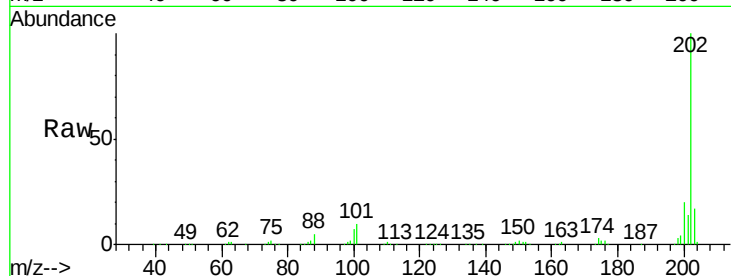




#74  
 Fluoranthene  
 Concen: 41.08 ng  
 RT: 13.92 min Scan# 1140  
 Delta R.T. -0.05 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

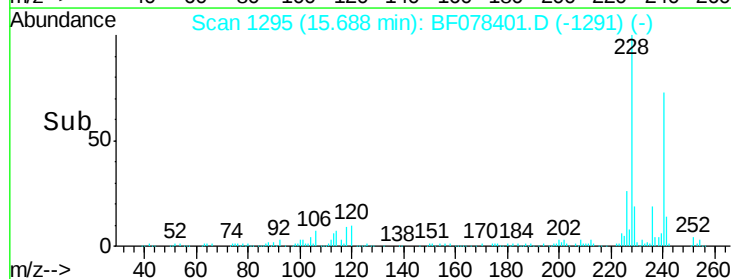
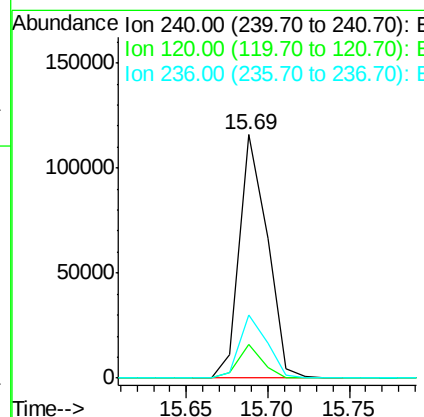
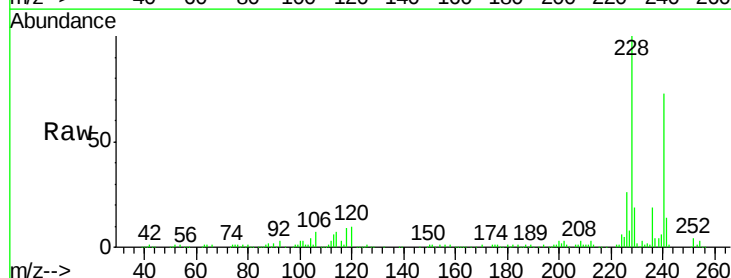
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

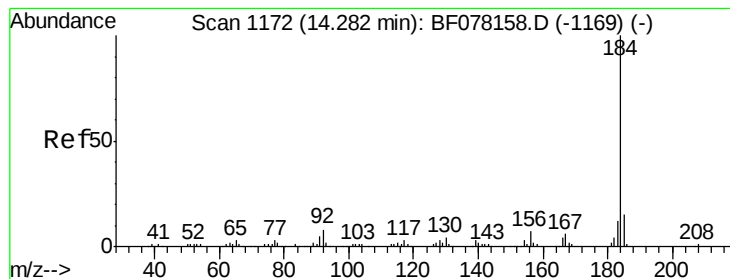
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 0.0   | 35.2  |
| 203     | 17.3  | 0.0   | 38.5  |



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 15.69 min Scan# 1295  
 Delta R.T. -0.06 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.9  | 7.1   | 10.7# |
| 236     | 25.7  | 21.4  | 32.2  |





#76

Benzidine

Concen: 30.27 ng

RT: 14.11 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

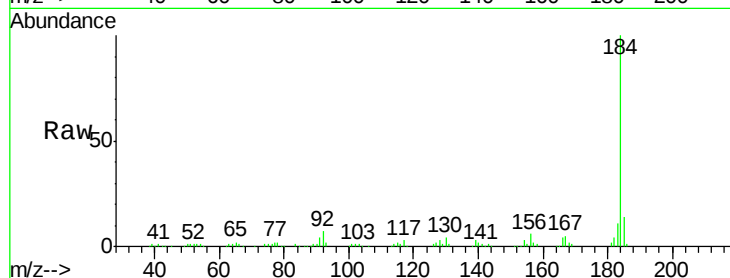
Tgt Ion:184 Resp: 159891

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

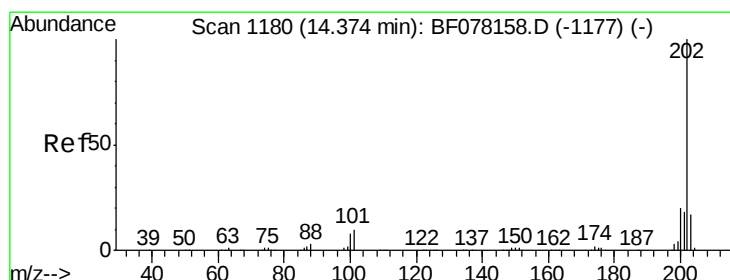
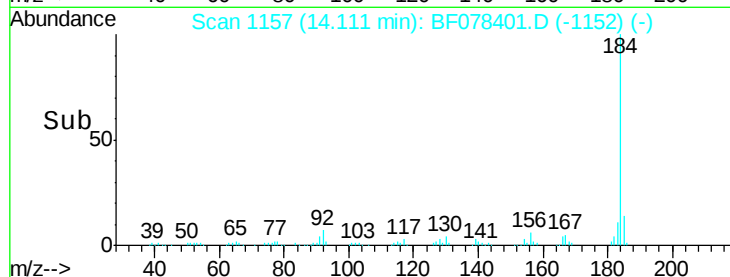
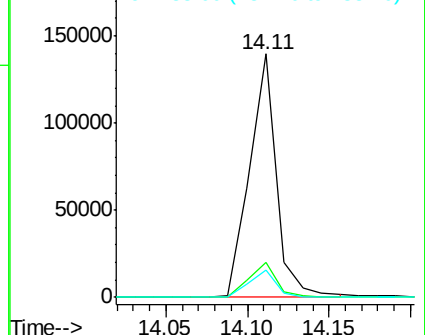
183 11.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 39.80 ng

RT: 14.19 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

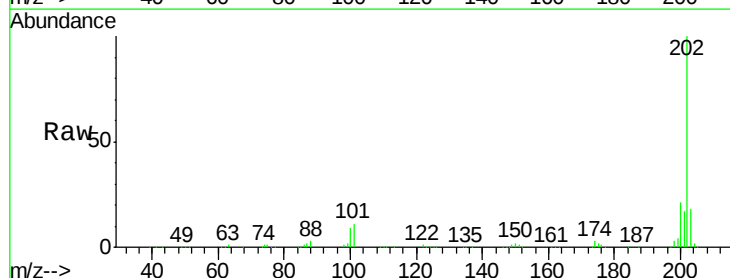
Tgt Ion:202 Resp: 342684

Ion Ratio Lower Upper

202 100

200 20.9 16.3 24.5

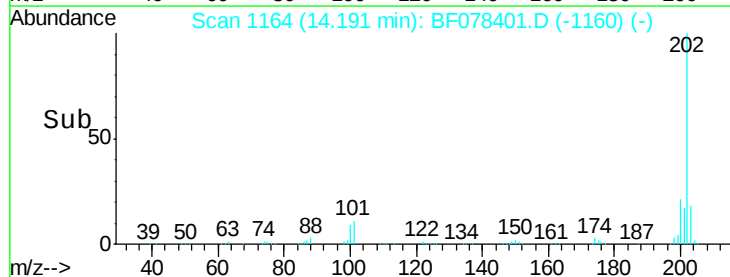
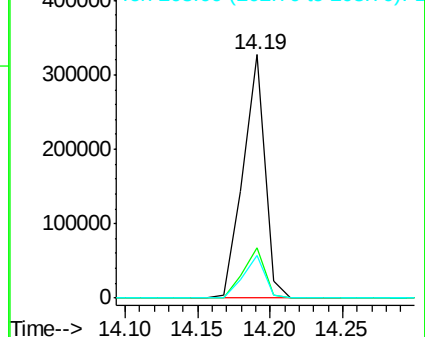
203 17.7 13.8 20.6

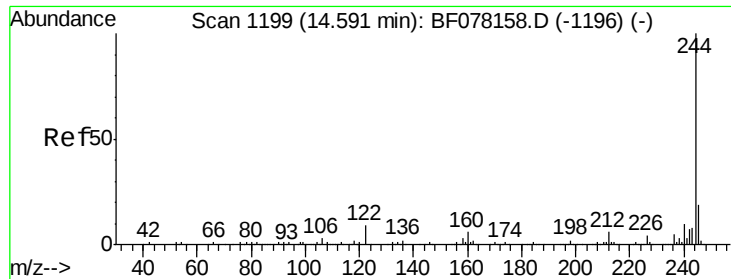


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

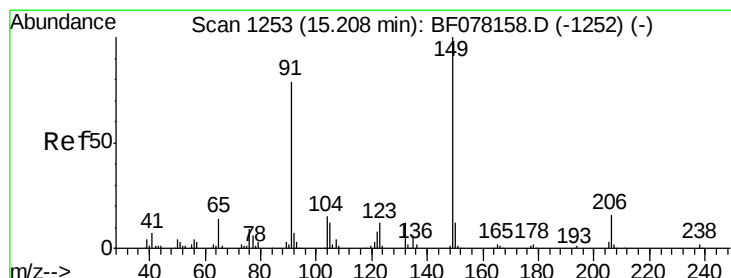
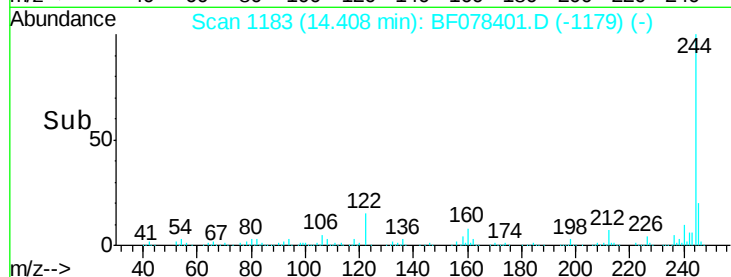
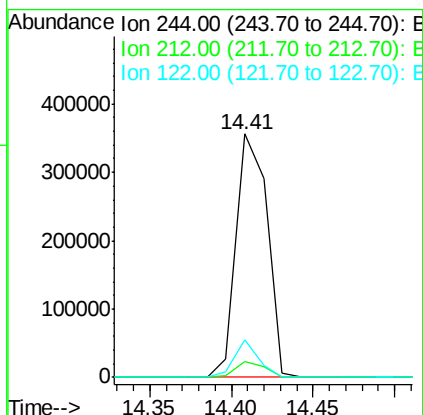
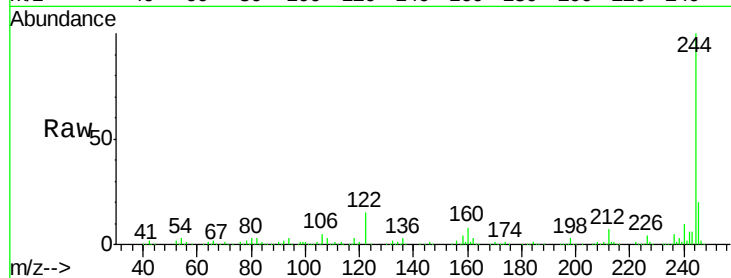




#78  
 Terphenyl-d14  
 Concen: 77.11 ng  
 RT: 14.41 min Scan# 1183  
 Delta R.T. -0.06 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

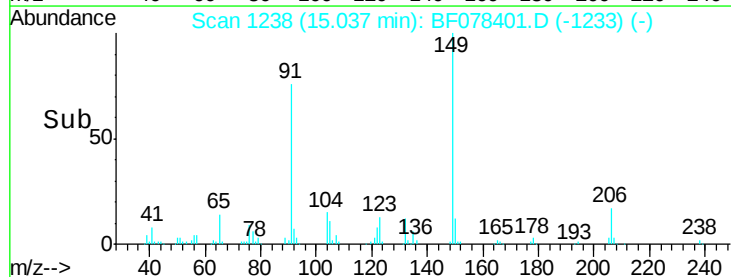
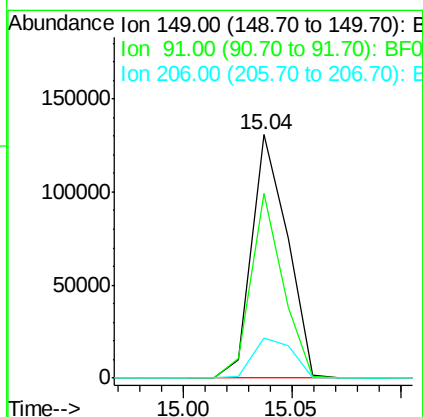
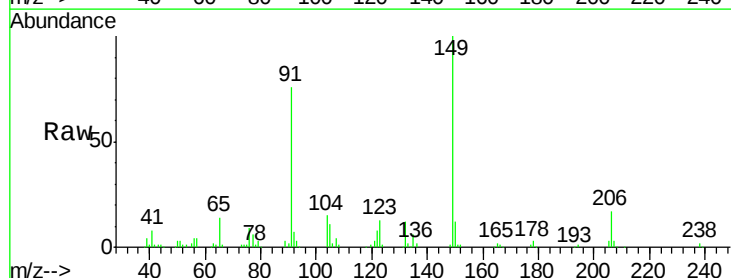
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

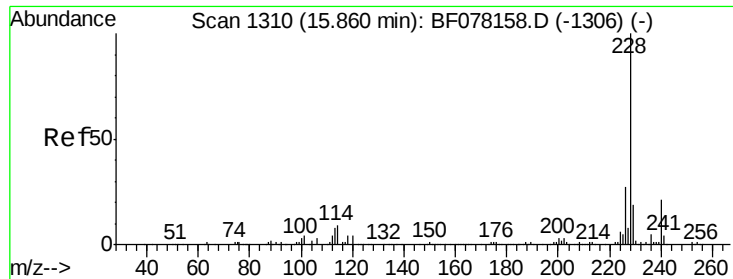
Tgt Ion:244 Resp: 468066  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.0 7.4  
 122 15.2 7.1 10.7#



#79  
 Butylbenzylphthalate  
 Concen: 45.40 ng  
 RT: 15.04 min Scan# 1238  
 Delta R.T. -0.05 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion:149 Resp: 148991  
 Ion Ratio Lower Upper  
 149 100  
 91 75.7 64.2 96.2  
 206 16.6 12.6 18.8

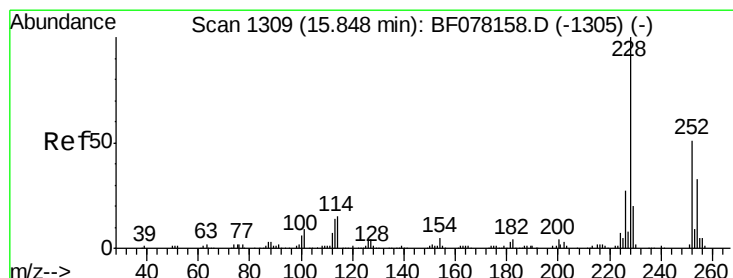
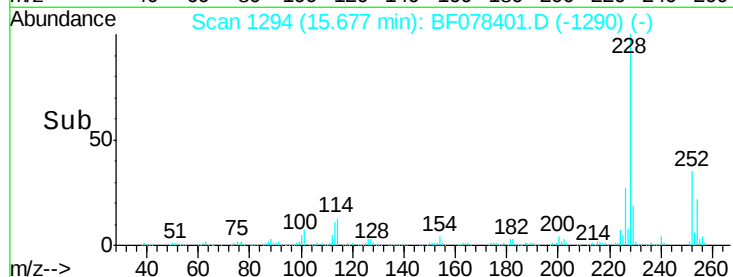
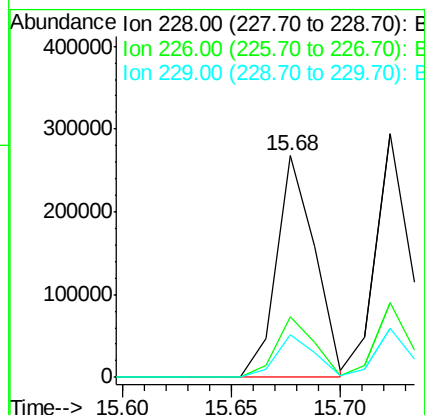
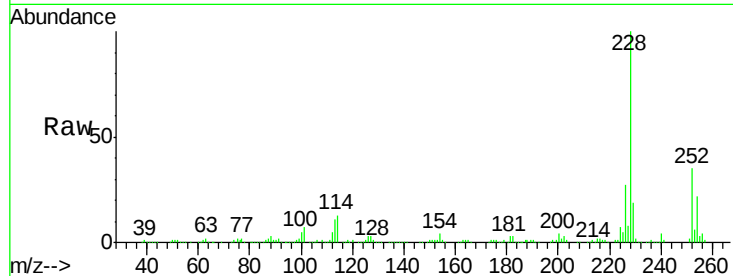




#80  
Benzo(a)anthracene  
Concen: 40.51 ng  
RT: 15.68 min Scan# 1294  
Delta R.T. -0.06 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

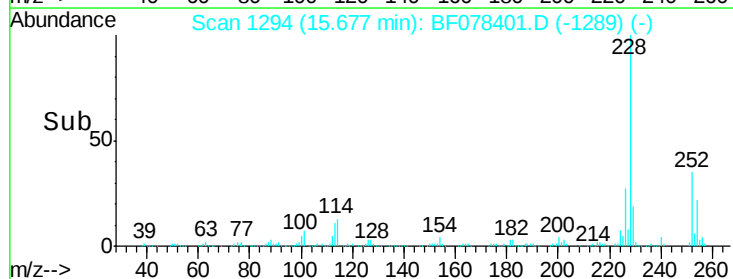
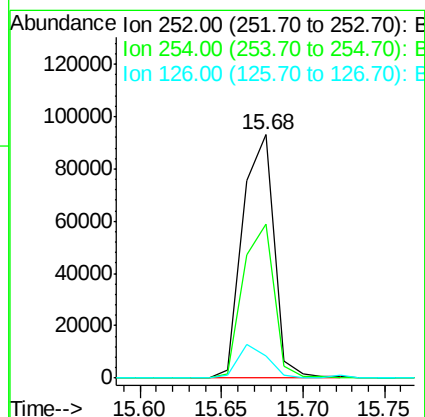
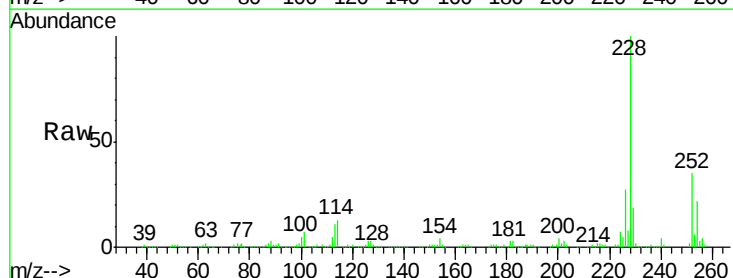
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

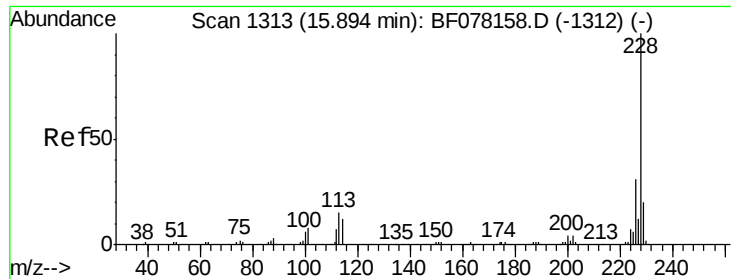
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.3  | 21.3  | 31.9  |
| 229     | 19.2  | 15.4  | 23.2  |



#81  
3,3'-Dichlorobenzidine  
Concen: 45.36 ng  
RT: 15.68 min Scan# 1294  
Delta R.T. -0.05 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 51.2  | 76.8  |
| 126     | 9.0   | 6.3   | 9.5   |

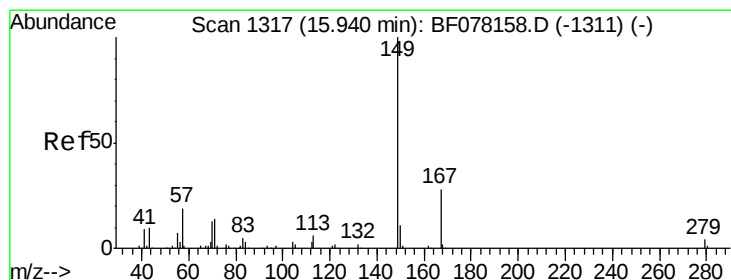
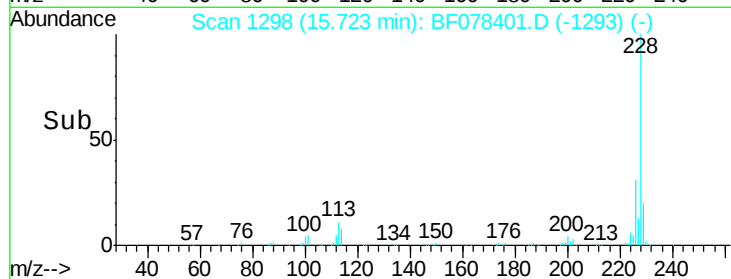
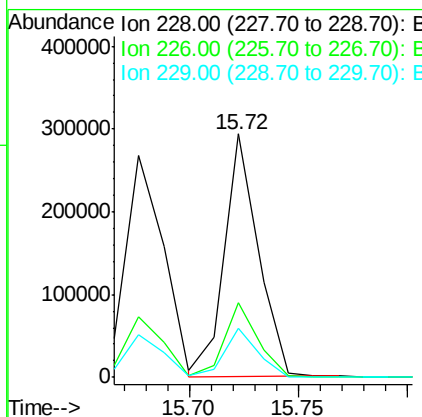
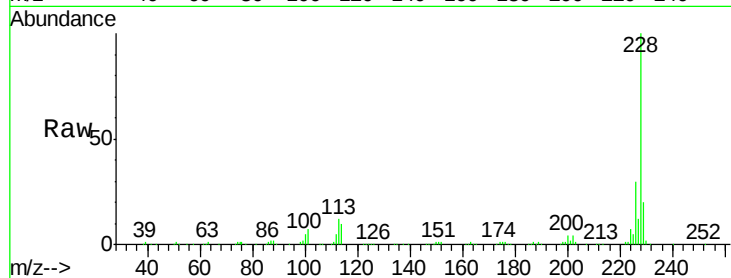




#82  
 Chrysene  
 Concen: 41.23 ng  
 RT: 15.72 min Scan# 1298  
 Delta R.T. -0.05 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

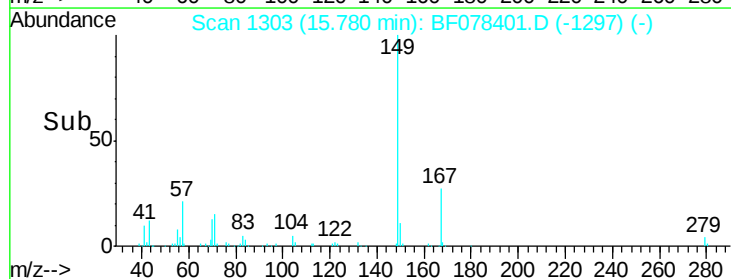
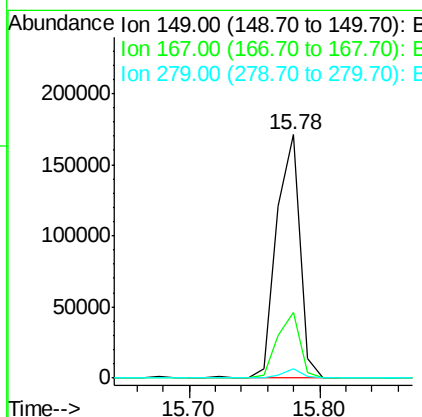
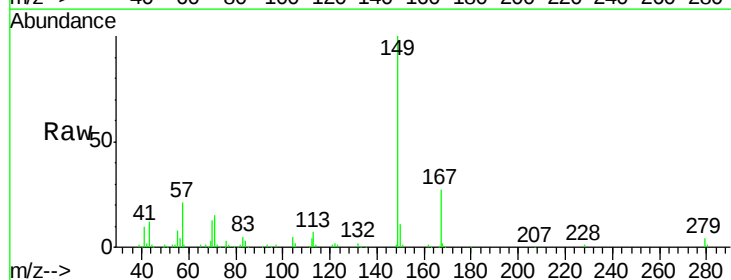
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

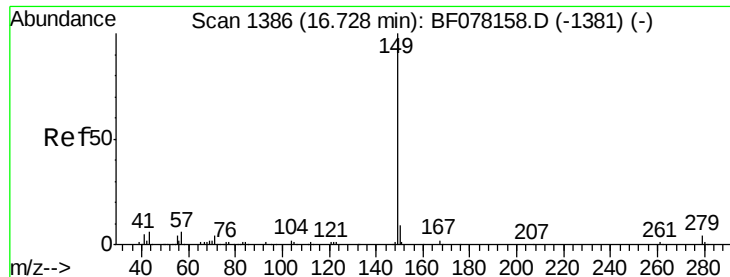
Tgt Ion: 228 Resp: 316114  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 24.2 36.4  
 229 20.0 15.8 23.8



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.92 ng  
 RT: 15.78 min Scan# 1303  
 Delta R.T. -0.03 min  
 Lab File: BF078401.D  
 Acq: 10 Apr 2015 16:01

Tgt Ion: 149 Resp: 215751  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 22.2 33.2  
 279 3.9 3.2 4.8





#84

Di-n-octyl phthalate

Concen: 44.34 ng

RT: 16.58 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

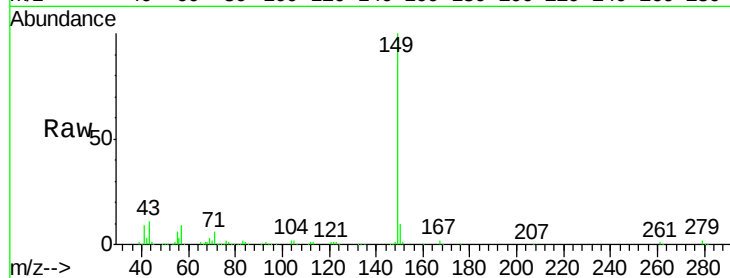
Tgt Ion:149 Resp: 374773

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

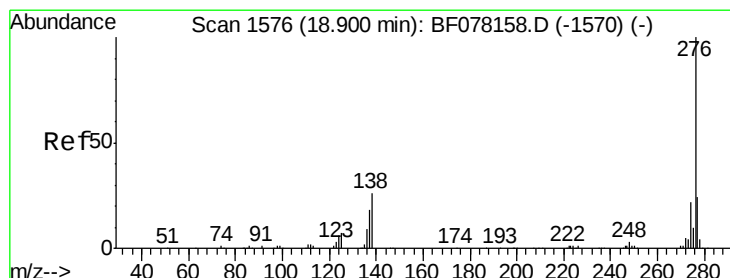
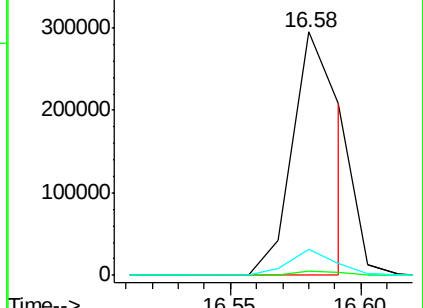
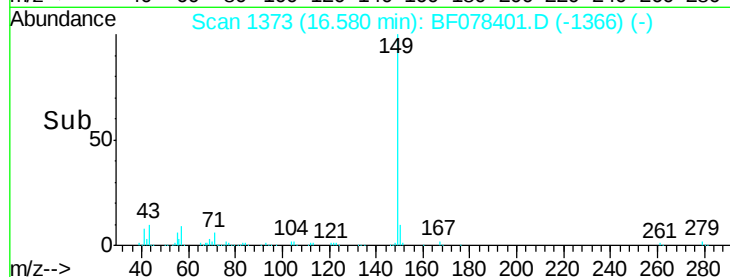
43 9.4 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.04 ng

RT: 18.72 min Scan# 1560

Delta R.T. -0.06 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

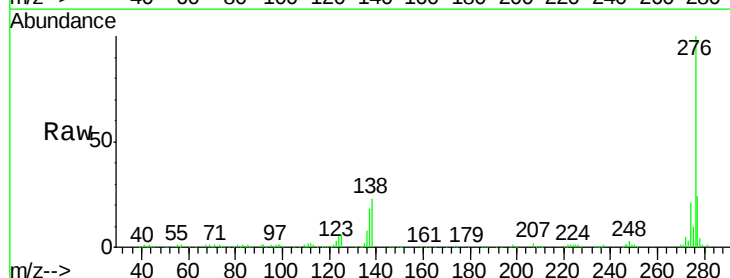
Tgt Ion:276 Resp: 400534

Ion Ratio Lower Upper

276 100

138 28.0 16.9 25.3#

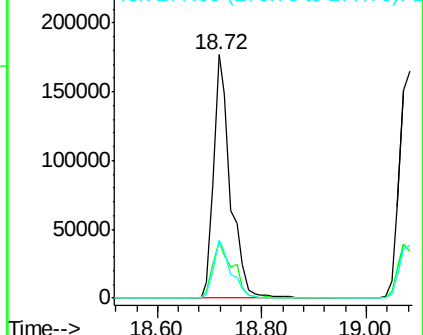
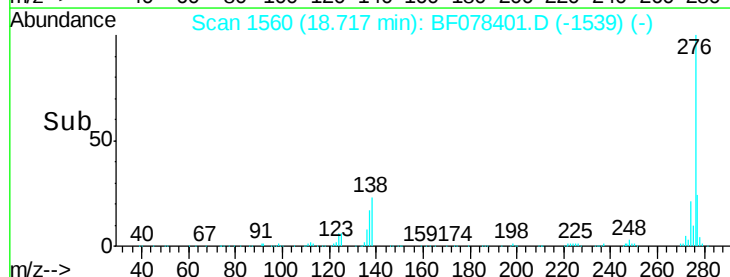
277 24.7 15.8 23.6#

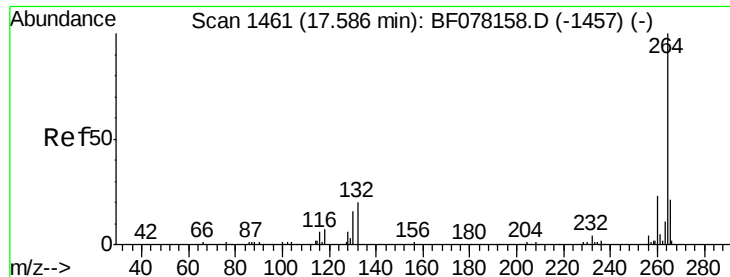


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

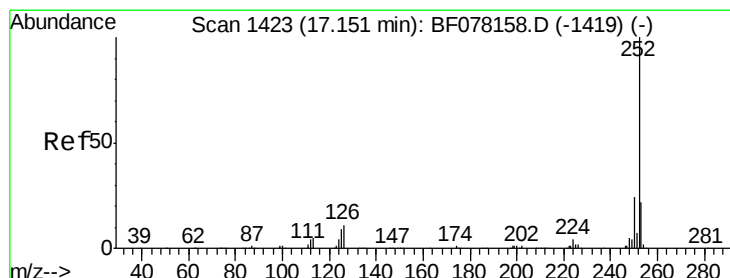
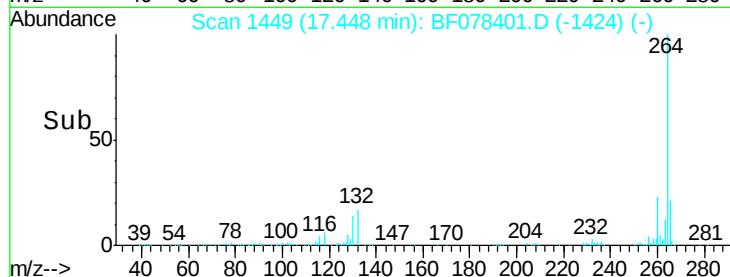
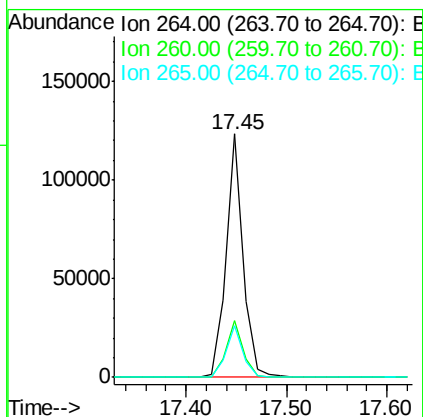
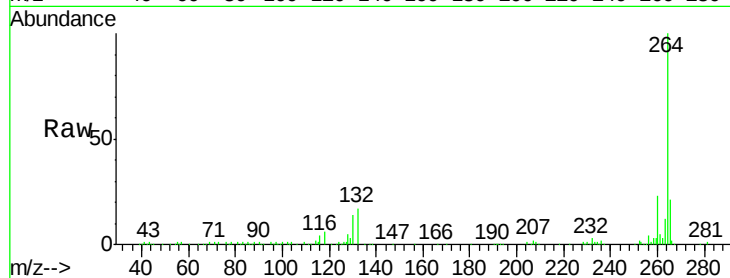




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.45 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

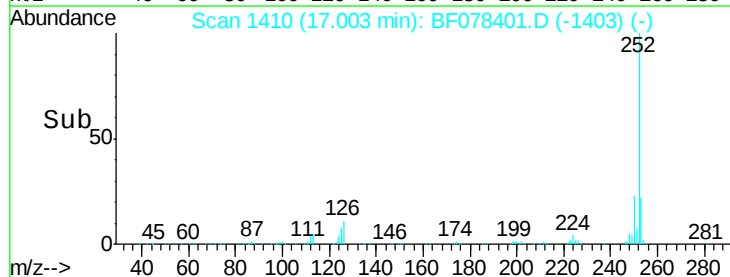
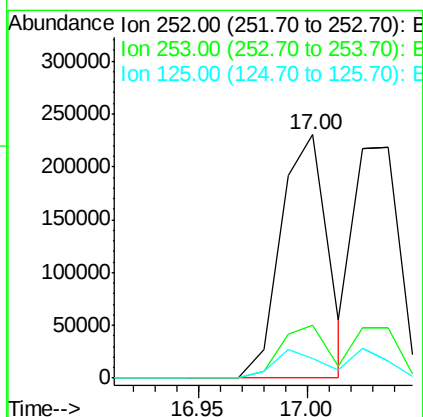
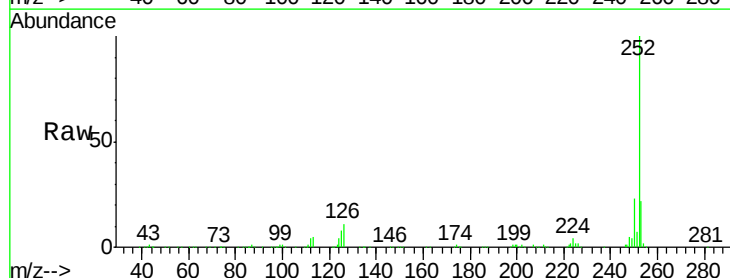
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

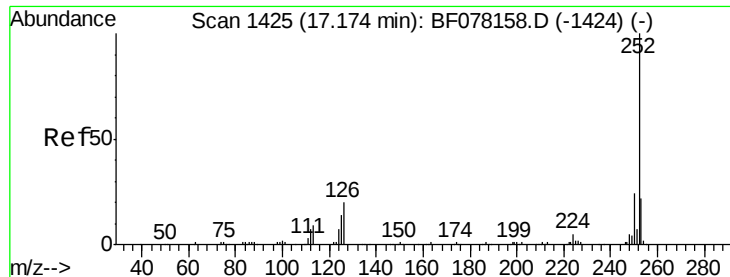
Tgt Ion: 264 Resp: 144343  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.6 27.8  
265 21.2 17.0 25.6



#87  
Benzo(b)fluoranthene  
Concen: 38.70 ng  
RT: 17.00 min Scan# 1410  
Delta R.T. -0.02 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

Tgt Ion: 252 Resp: 345280  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.2 25.8  
125 8.1 7.0 10.4

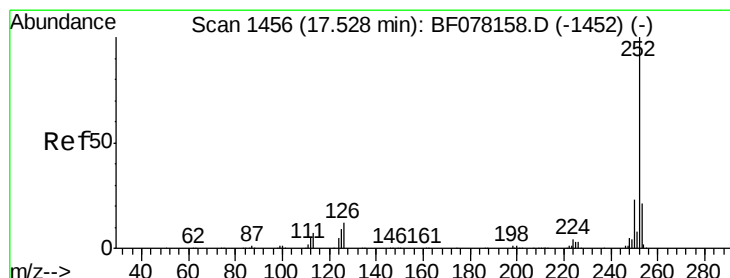
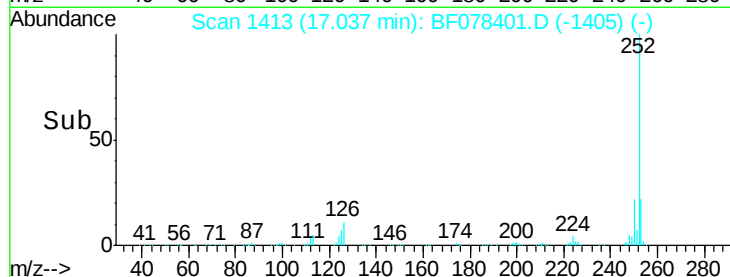
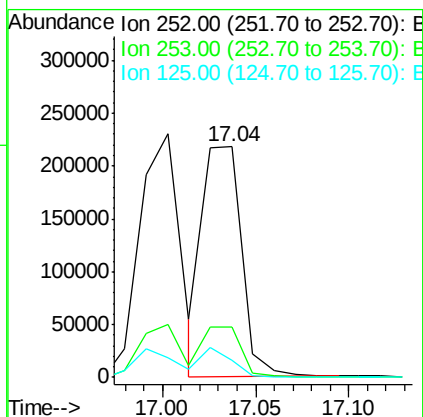
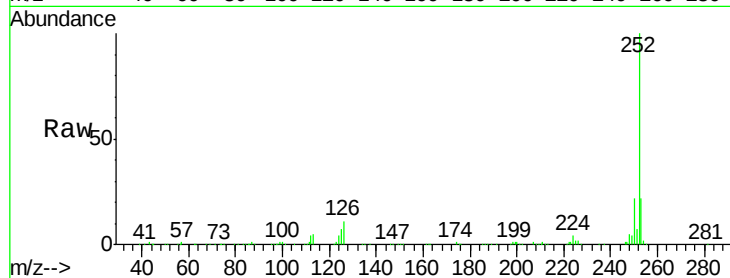




#88  
Benzo(k)fluoranthene  
Concen: 39.96 ng  
RT: 17.04 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

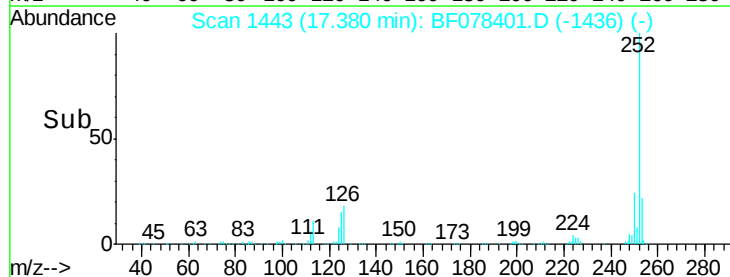
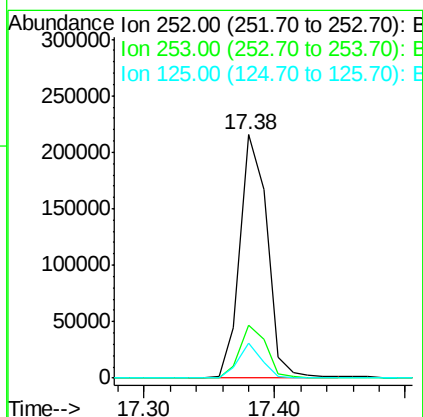
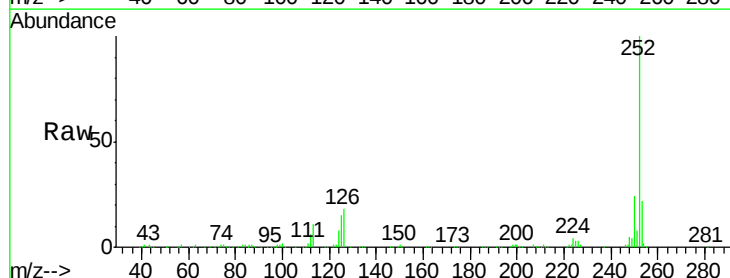
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

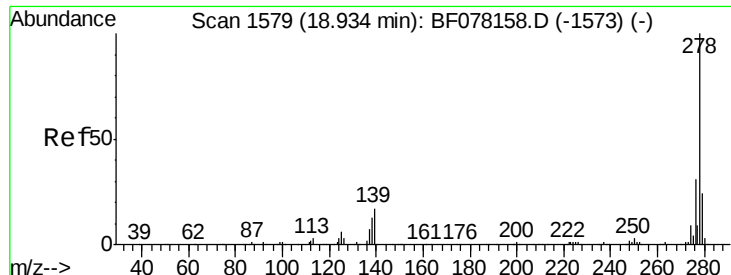
Tgt Ion:252 Resp: 316796  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 7.3 11.6 17.4#



#89  
Benzo(a)pyrene  
Concen: 40.38 ng  
RT: 17.38 min Scan# 1443  
Delta R.T. -0.02 min  
Lab File: BF078401.D  
Acq: 10 Apr 2015 16:01

Tgt Ion:252 Resp: 314401  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.8 25.2  
125 14.6 7.4 11.0#





#90

Dibenzo(a,h)anthracene

Concen: 39.12 ng

RT: 18.75 min Scan# 1563

Delta R.T. -0.06 min

Lab File: BF078401.D

Acq: 10 Apr 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

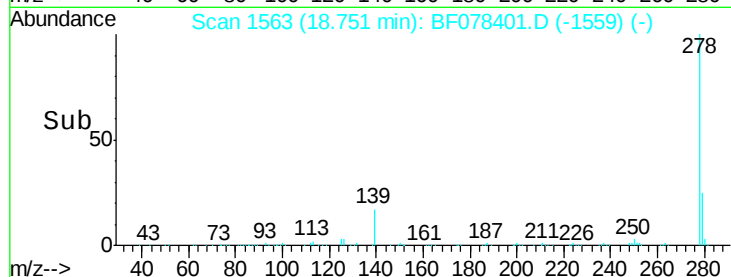
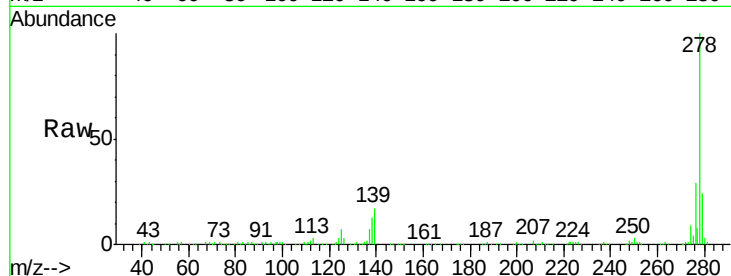
Tgt Ion:278 Resp: 304963

Ion Ratio Lower Upper

278 100

139 16.9 13.6 20.4

279 24.4 19.0 28.6



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

