

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040615\  
 Data File : BF078274.D  
 Acq On : 7 Apr 2015 00:48  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 07 03:25:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 07 04:11:17 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.98  | 152  | 43515    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.56  | 136  | 174996   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.72 | 164  | 86597    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.54 | 188  | 171513   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.81 | 240  | 179502   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.51 | 264  | 172635   | 20.00 | ng    | 0.03     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.25  | 112 | 205612 | 77.91 | ng | 0.00 |
| 7) Phenol-d6             | 6.58  | 99  | 266711 | 80.64 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.68  | 82  | 228779 | 79.24 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.70 | 330 | 64192  | 89.38 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.90  | 172 | 497068 | 82.05 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.55 | 244 | 621637 | 78.25 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.80 | 88  | 43462  | 36.42 | ng | 95     |
| 3) Pyridine                    | 2.42 | 79  | 126210 | 40.37 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.36 | 42  | 52621  | 43.73 | ng | 92     |
| 6) Aniline                     | 6.57 | 93  | 183759 | 39.18 | ng | 92     |
| 8) 2-Chlorophenol              | 6.72 | 128 | 122812 | 39.35 | ng | 96     |
| 9) Benzaldehyde                | 6.42 | 77  | 78621  | 35.86 | ng | 91     |
| 10) Phenol                     | 6.59 | 94  | 157862 | 39.83 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 112970 | 39.64 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 136247 | 39.74 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 7.00 | 146 | 134292 | 38.92 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.18 | 146 | 124632 | 38.52 | ng | 94     |
| 15) Benzyl Alcohol             | 7.17 | 79  | 91553  | 39.39 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.36 | 45  | 147573 | 38.82 | ng | 96     |
| 17) 2-Methylphenol             | 7.33 | 107 | 94811  | 39.13 | ng | 94     |
| 18) Hexachloroethane           | 7.60 | 117 | 47622  | 40.93 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 7.50 | 70  | 85583  | 39.22 | ng | # 86   |
| 20) 3+4-Methylphenols          | 7.54 | 107 | 131525 | 40.69 | ng | 90     |
| 22) Acetophenone               | 7.49 | 105 | 164823 | 40.42 | ng | # 90   |
| 24) Nitrobenzene               | 7.70 | 77  | 123108 | 40.79 | ng | # 84   |
| 25) Isophorone                 | 8.01 | 82  | 225235 | 41.11 | ng | 97     |
| 26) 2-Nitrophenol              | 8.10 | 139 | 58649  | 40.78 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 8.18 | 122 | 109335 | 40.88 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 8.29 | 93  | 144996 | 41.27 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.41 | 162 | 99506  | 40.90 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.49 | 180 | 108095 | 38.75 | ng | 97     |
| 31) Naphthalene                | 8.58 | 128 | 356218 | 39.11 | ng | 98     |
| 32) Benzoic acid               | 8.32 | 122 | 61418  | 48.73 | ng | 94     |
| 33) 4-Chloroaniline            | 8.67 | 127 | 155949 | 41.26 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.74 | 225 | 63457  | 41.43 | ng | 97     |
| 35) Caprolactam                | 9.10 | 113 | 31932  | 43.97 | ng | 86     |
| 36) 4-Chloro-3-methylphenol    | 9.29 | 107 | 102105 | 41.59 | ng | 99     |
| 37) 2-Methylnaphthalene        | 9.44 | 142 | 244207 | 39.49 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.64 | 216 | 107237 | 39.97 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.63 | 237 | 44761  | 42.26 | ng | 95     |

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

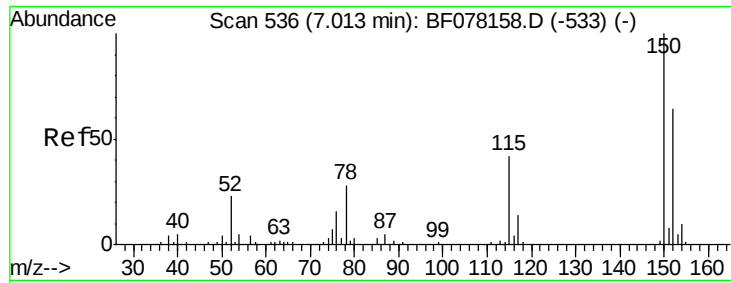
Instrument :  
 BNA\_F  
 ClientSampleId :  
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Quant Time: Apr 07 03:25:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 07 04:11:17 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.80  | 196  | 75114    | 44.39  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.85  | 196  | 77844    | 44.03  | ng    | 94       |
| 45) 1,1'-Biphenyl              | 10.02 | 154  | 281534   | 39.75  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 10.04 | 162  | 232029   | 41.63  | ng    | 95       |
| 47) 2-Nitroaniline             | 10.18 | 65   | 63365    | 45.95  | ng    | # 83     |
| 48) Acenaphthylene             | 10.54 | 152  | 375534   | 41.73  | ng    | 99       |
| 49) Dimethylphthalate          | 10.42 | 163  | 270506   | 41.58  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.49 | 165  | 56920    | 42.52  | ng    | # 58     |
| 51) Acenaphthene               | 10.76 | 154  | 216876   | 42.80  | ng    | 99       |
| 52) 3-Nitroaniline             | 10.69 | 138  | 70311    | 46.20  | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 10.83 | 184  | 11866    | 34.25  | ng    | # 89     |
| 54) Dibenzofuran               | 10.98 | 168  | 311751   | 40.28  | ng    | 92       |
| 55) 4-Nitrophenol              | 10.97 | 139  | 157758   | 138.67 | ng    | # 23     |
| 56) 2,4-Dinitrotoluene         | 10.98 | 165  | 75771    | 43.71  | ng    | # 66     |
| 57) Fluorene                   | 11.40 | 166  | 264113   | 42.10  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.14 | 232  | 57302    | 43.72  | ng    | # 99     |
| 59) Diethylphthalate           | 11.29 | 149  | 261421   | 41.67  | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.41 | 204  | 122151   | 42.33  | ng    | # 90     |
| 61) 4-Nitroaniline             | 11.45 | 138  | 67651    | 43.97  | ng    | 91       |
| 62) Azobenzene                 | 11.61 | 77   | 265141   | 46.31  | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 11.48 | 198  | 28748    | 36.30  | ng    | # 61     |
| 65) n-Nitrosodiphenylamine     | 11.56 | 169  | 236564   | 39.87  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.01 | 248  | 71444    | 39.33  | ng    | 93       |
| 67) Hexachlorobenzene          | 12.06 | 284  | 77432    | 38.90  | ng    | 99       |
| 68) Atrazine                   | 12.24 | 200  | 66521    | 38.71  | ng    | 96       |
| 69) Pentachlorophenol          | 12.33 | 266  | 31472    | 39.96  | ng    | 98       |
| 70) Phenanthrene               | 12.58 | 178  | 388857   | 39.19  | ng    | 100      |
| 71) Anthracene                 | 12.64 | 178  | 383893   | 39.27  | ng    | 100      |
| 72) Carbazole                  | 12.85 | 167  | 358830   | 39.16  | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.31 | 149  | 436245   | 42.03  | ng    | 98       |
| 74) Fluoranthene               | 14.04 | 202  | 420560   | 40.20  | ng    | 97       |
| 76) Benzidine                  | 14.24 | 184  | 221619   | 32.06  | ng    | 99       |
| 77) Pyrene                     | 14.32 | 202  | 441997   | 39.22  | ng    | 98       |
| 79) Butylbenzylphthalate       | 15.16 | 149  | 187767   | 43.72  | ng    | 97       |
| 80) Benzo(a)anthracene         | 15.80 | 228  | 418596   | 39.19  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 15.79 | 252  | 141448   | 39.54  | ng    | # 98     |
| 82) Chrysene                   | 15.85 | 228  | 401392   | 40.00  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 15.88 | 149  | 286155   | 42.48  | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 16.66 | 149  | 473629   | 42.82  | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 18.80 | 276  | 477687   | 41.95  | ng    | # 85     |
| 87) Benzo(b)fluoranthene       | 17.11 | 252  | 364285   | 34.14  | ng    | # 95     |
| 88) Benzo(k)fluoranthene       | 17.11 | 252  | 372035   | 39.24  | ng    | 97       |
| 89) Benzo(a)pyrene             | 17.45 | 252  | 394625   | 42.38  | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 18.82 | 278  | 377873   | 40.53  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 19.17 | 276  | 379892   | 40.64  | ng    | 96       |

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



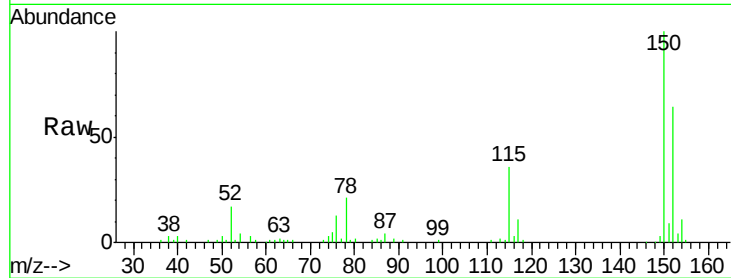


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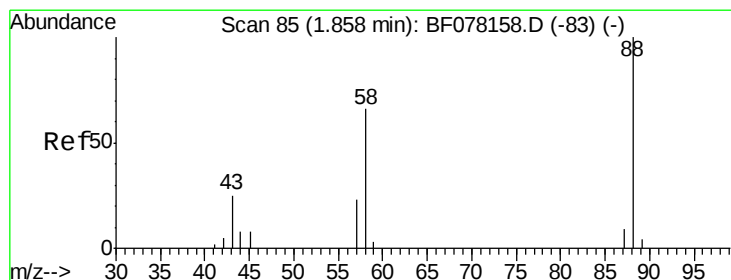
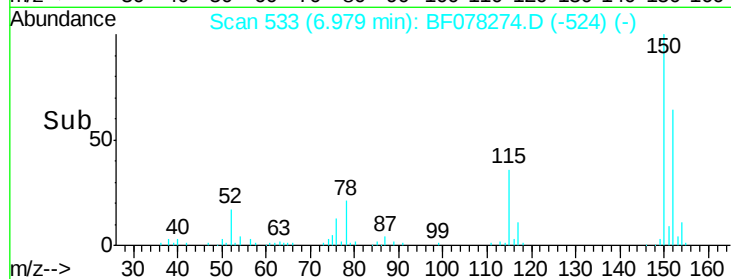
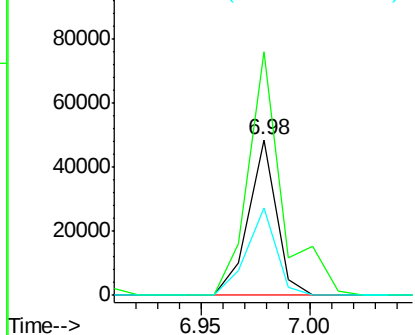
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.98 min Scan# 533  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:152 Resp: 43515  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 125.9 188.9  
 115 56.5 52.7 79.1



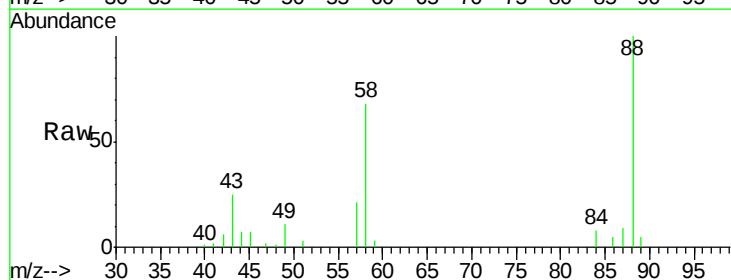
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



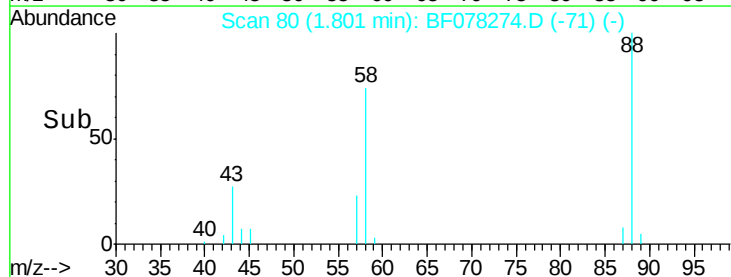
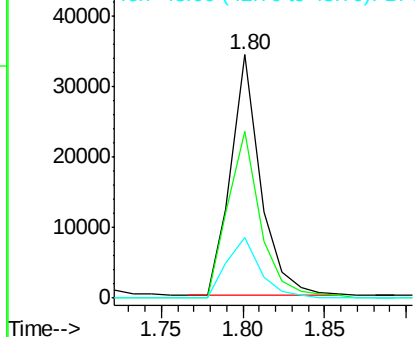
#2

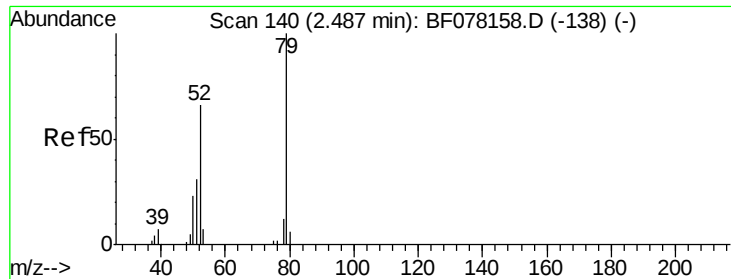
1,4-Dioxane  
 Concen: 36.42 ng  
 RT: 1.80 min Scan# 80  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion: 88 Resp: 43462  
 Ion Ratio Lower Upper  
 88 100  
 58 75.5 56.9 85.3  
 43 28.2 21.4 32.2



Abundance Ion 88.00 (87.70 to 88.70): BF0  
 Ion 58.00 (57.70 to 58.70): BF0  
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.37 ng

RT: 2.42 min Scan# 134

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

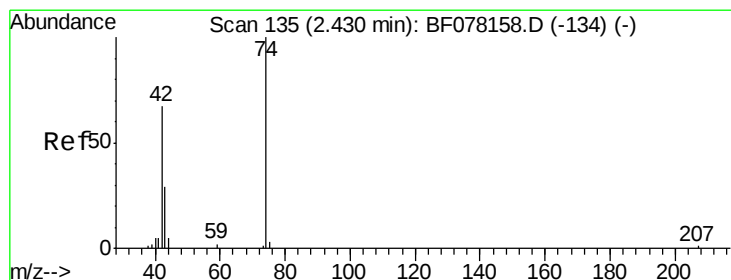
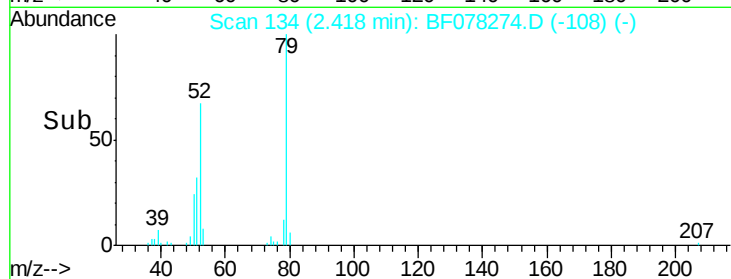
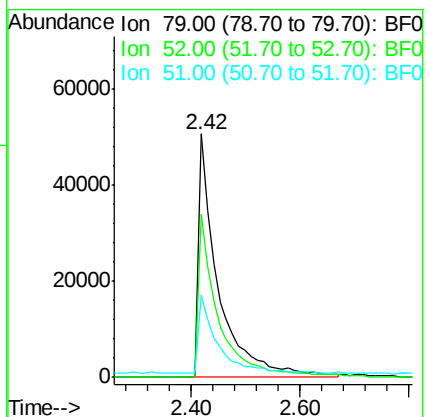
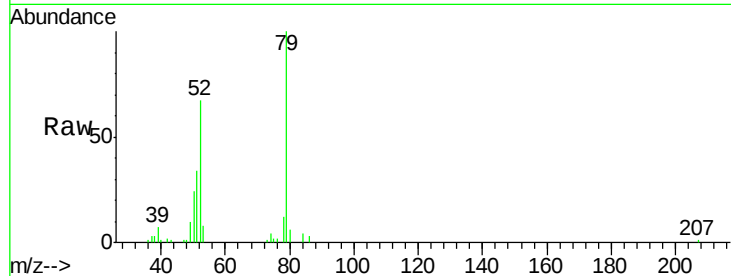
Tgt Ion: 79 Resp: 126210

Ion Ratio Lower Upper

79 100

52 66.9 52.4 78.6

51 33.7 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 43.73 ng

RT: 2.36 min Scan# 129

Delta R.T. -0.01 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

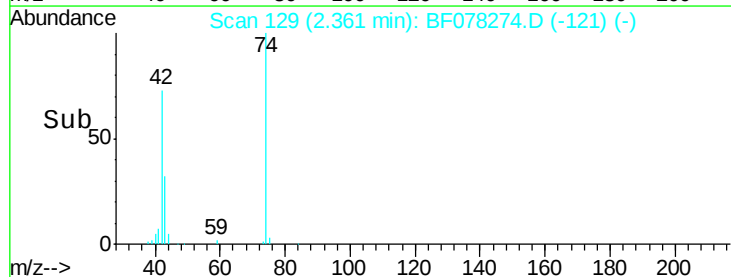
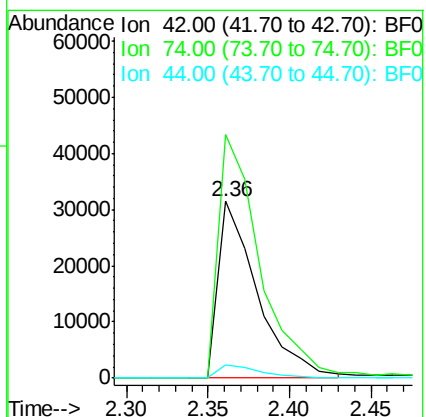
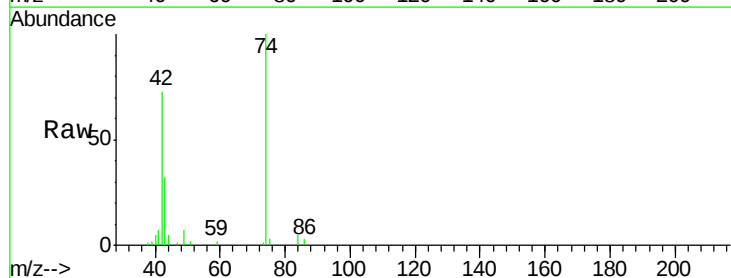
Tgt Ion: 42 Resp: 52621

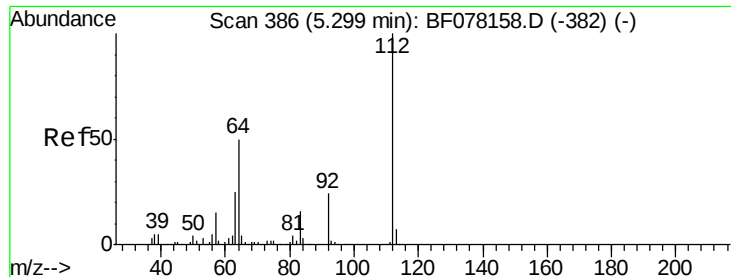
Ion Ratio Lower Upper

42 100

74 137.7 118.7 178.1

44 7.2 5.9 8.9





#5

2-Fluorophenol

Concen: 77.91 ng

RT: 5.25 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

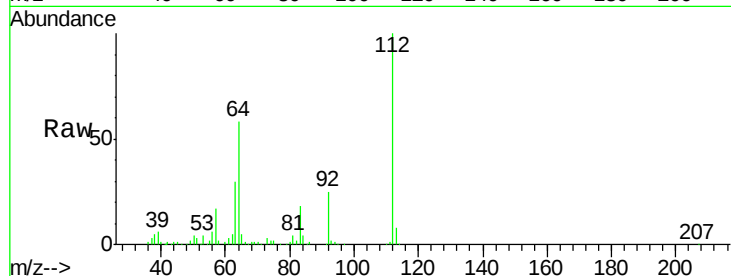
Tgt Ion: 112 Resp: 205612

Ion Ratio Lower Upper

112 100

64 57.7 39.9 59.9

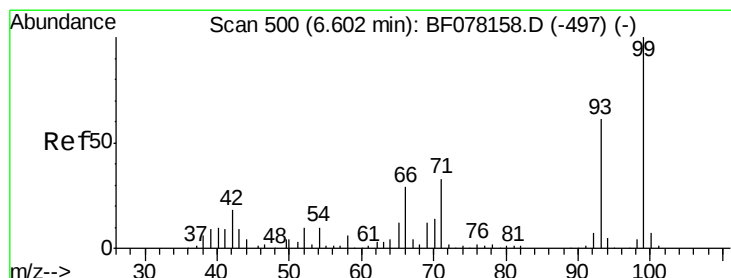
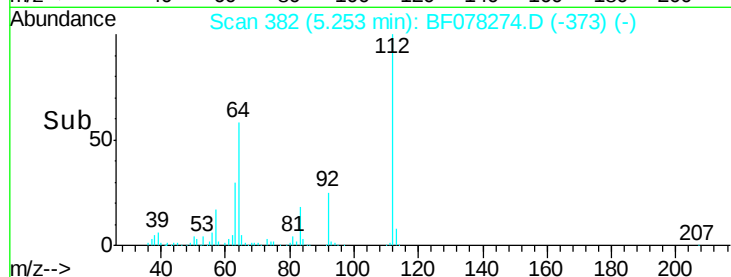
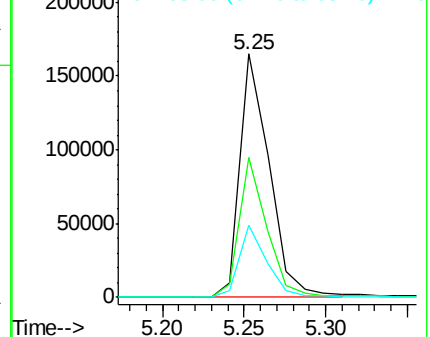
63 29.6 20.2 30.4



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: 39.18 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

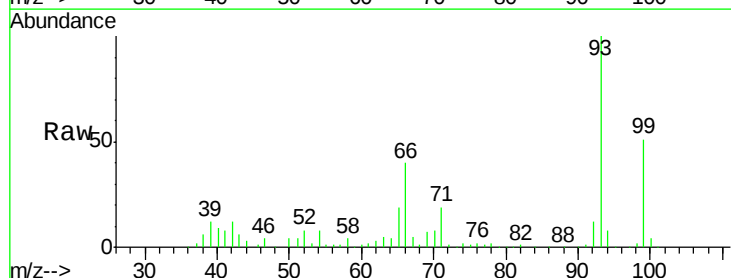
Tgt Ion: 93 Resp: 183759

Ion Ratio Lower Upper

93 100

66 40.2 38.0 57.0

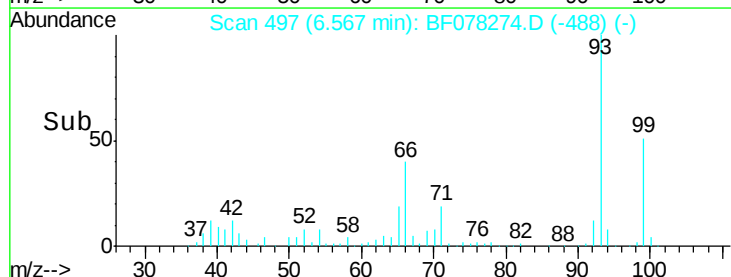
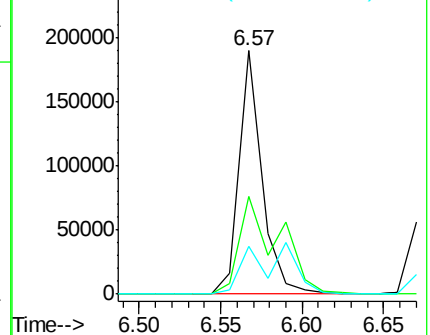
65 19.4 16.3 24.5



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: 80.64 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

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ClientSampleId :

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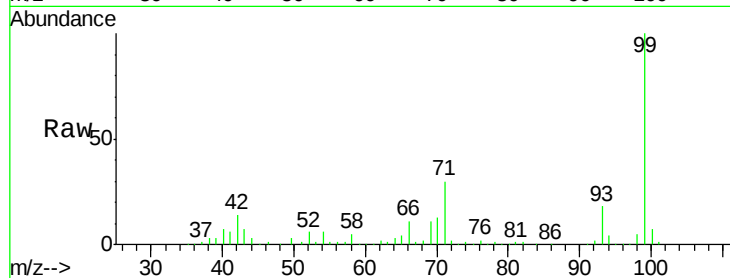
Tgt Ion: 99 Resp: 266711

Ion Ratio Lower Upper

99 100

42 14.2 14.8 22.2#

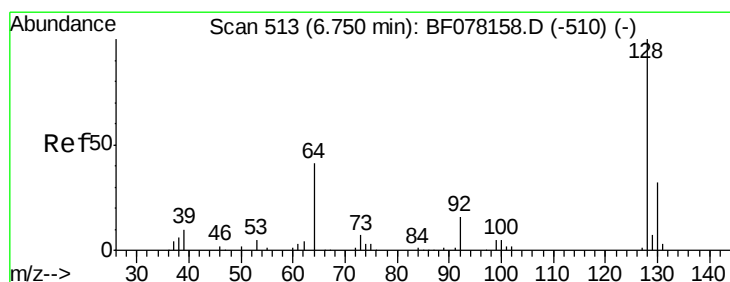
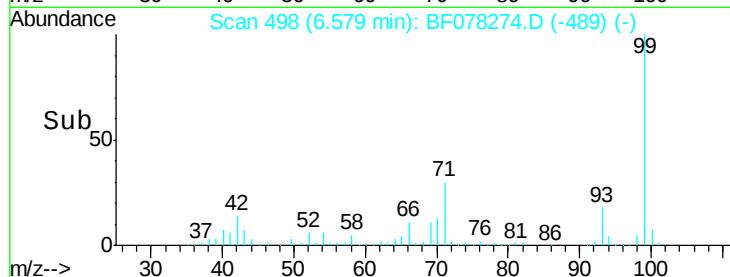
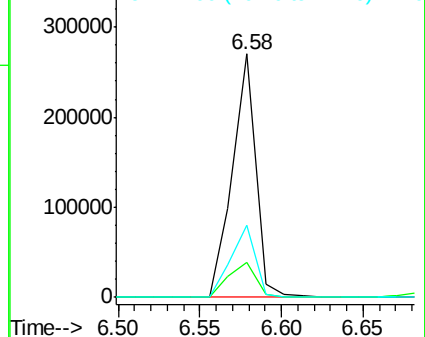
71 29.7 26.6 39.8



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: 39.35 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

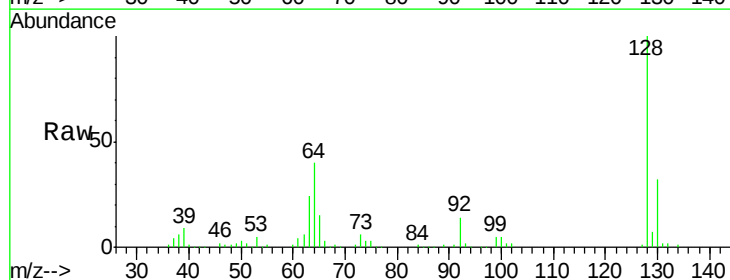
Tgt Ion: 128 Resp: 122812

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

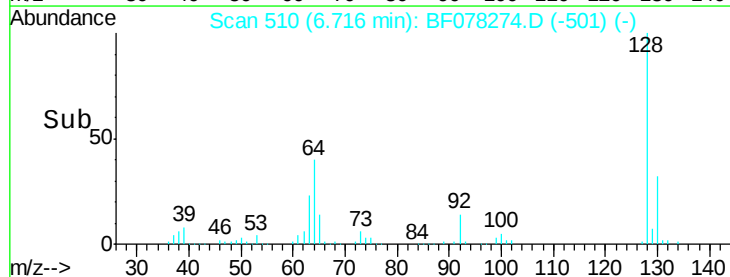
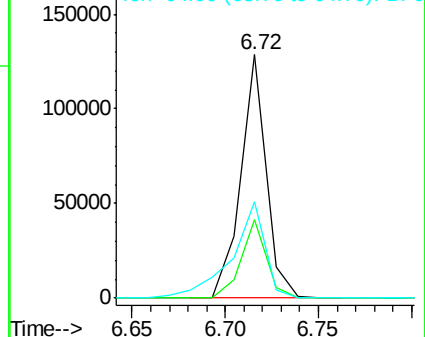
64 39.7 23.8 63.8

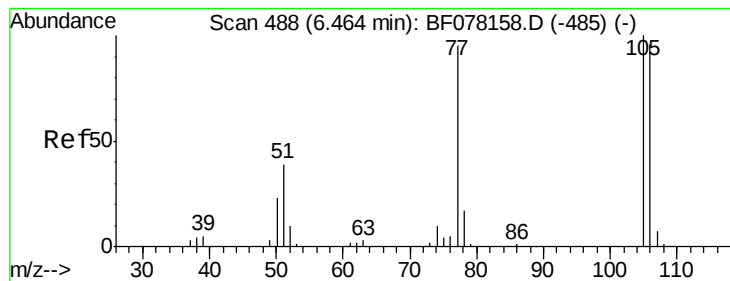


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.86 ng

RT: 6.42 min Scan# 484

Delta R.T. -0.00 min

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

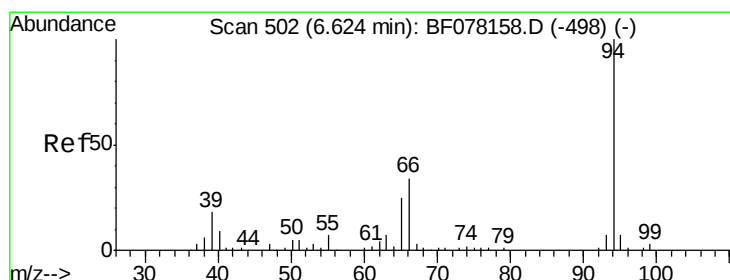
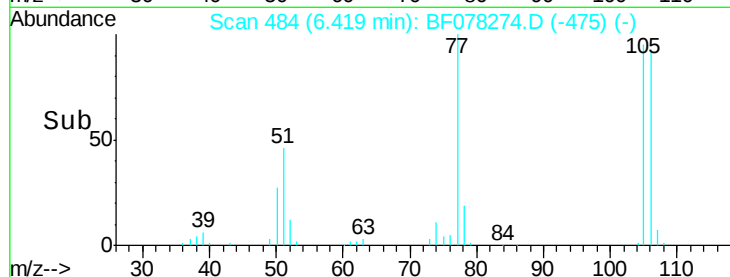
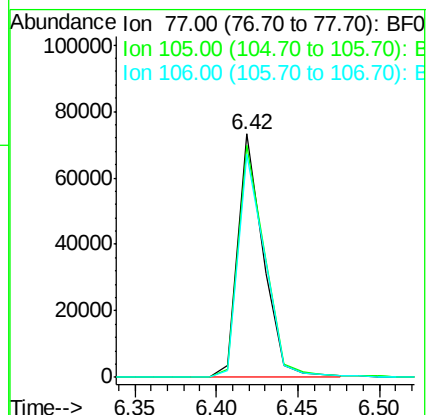
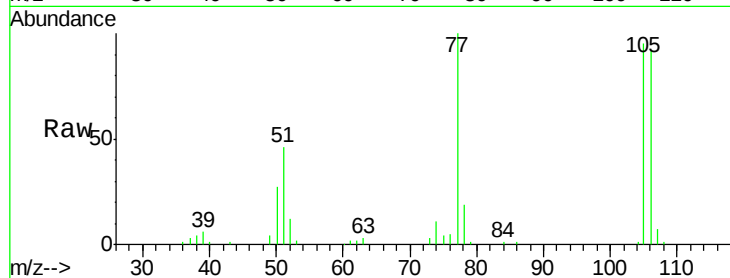
Tgt Ion: 77 Resp: 78621

Ion Ratio Lower Upper

77 100

105 95.4 85.4 125.4

106 91.9 80.8 120.8



#10

Phenol

Concen: 39.83 ng

RT: 6.59 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

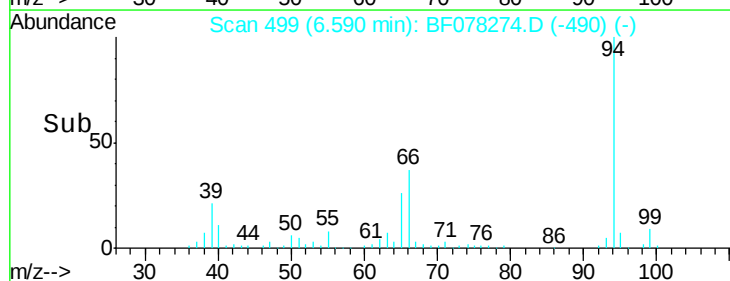
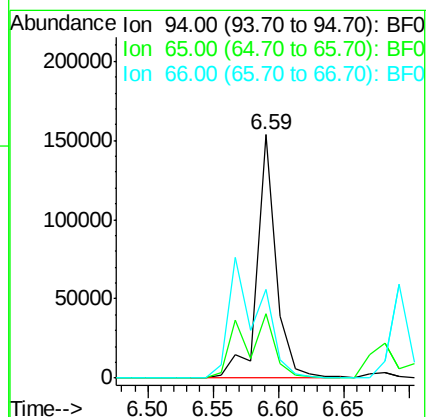
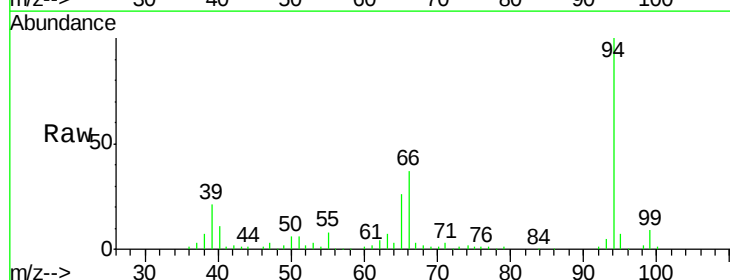
Tgt Ion: 94 Resp: 157862

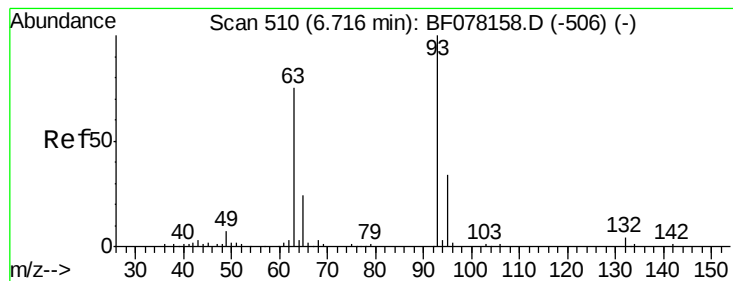
Ion Ratio Lower Upper

94 100

65 26.4 4.9 44.9

66 36.6 13.8 53.8





#11

bis(2-Chloroethyl)ether

Concen: 39.64 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

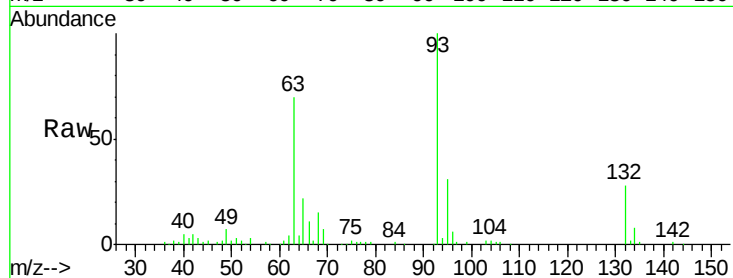
Tgt Ion: 93 Resp: 112970

Ion Ratio Lower Upper

93 100

63 69.8 54.6 94.6

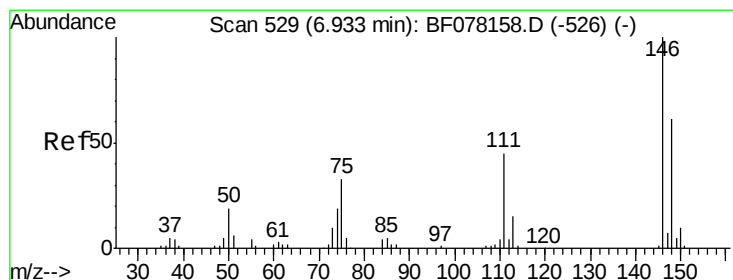
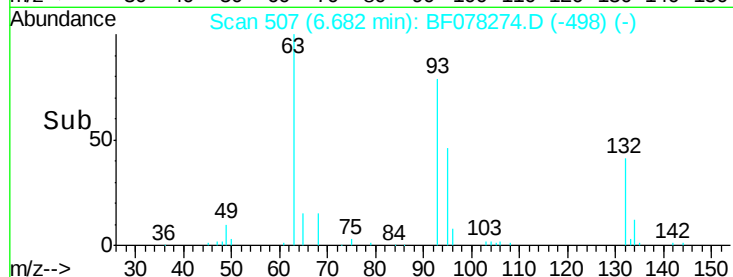
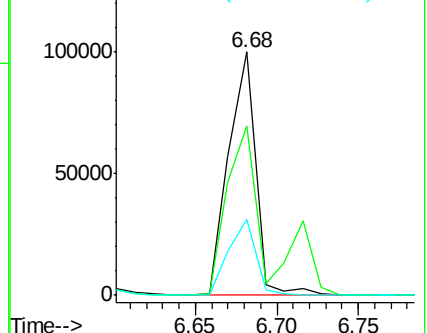
95 31.2 13.6 53.6



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: 39.74 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

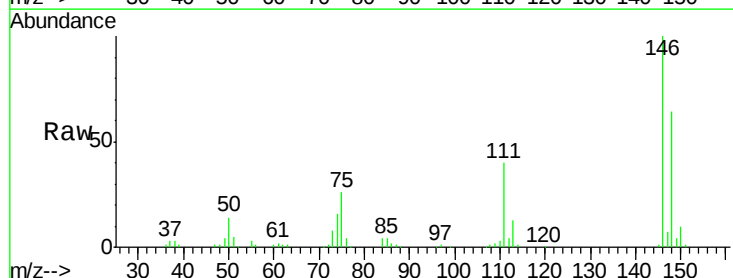
Tgt Ion: 146 Resp: 136247

Ion Ratio Lower Upper

146 100

148 64.1 49.1 73.7

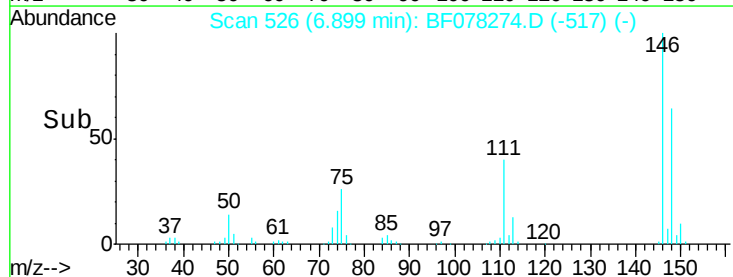
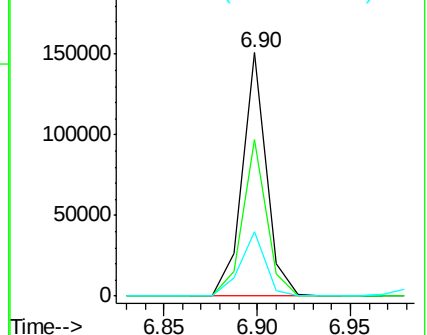
75 26.2 26.6 40.0#

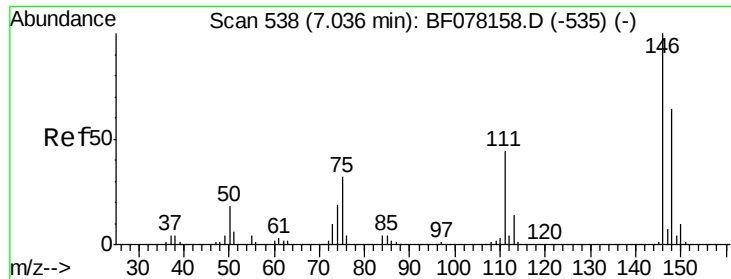


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

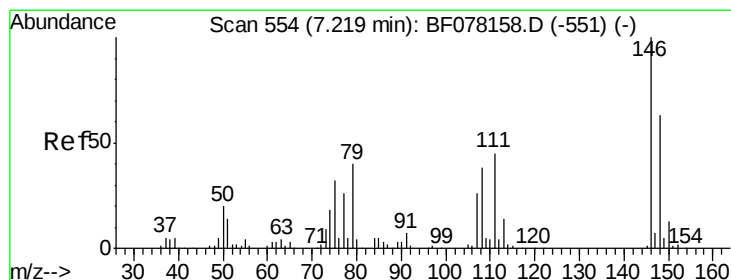
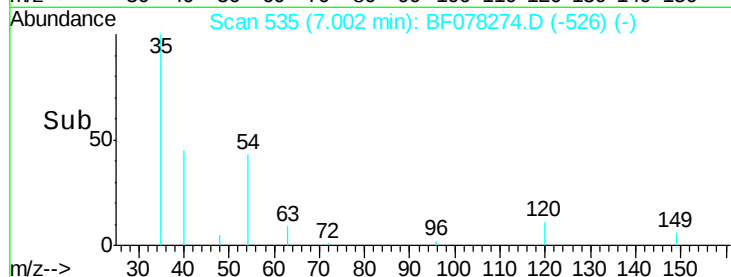
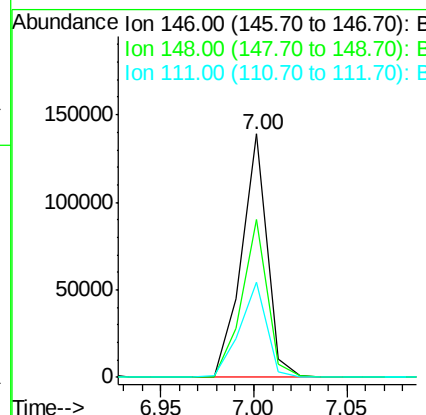
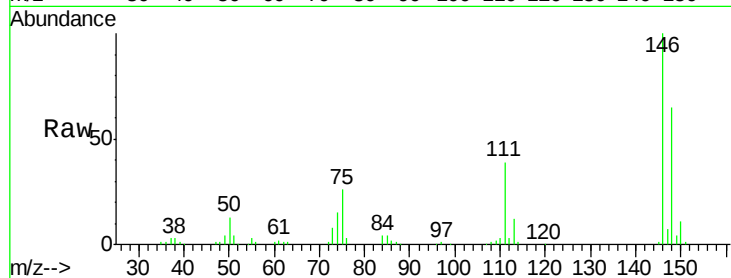




#13  
 1,4-Dichlorobenzene  
 Concen: 38.92 ng  
 RT: 7.00 min Scan# 535  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

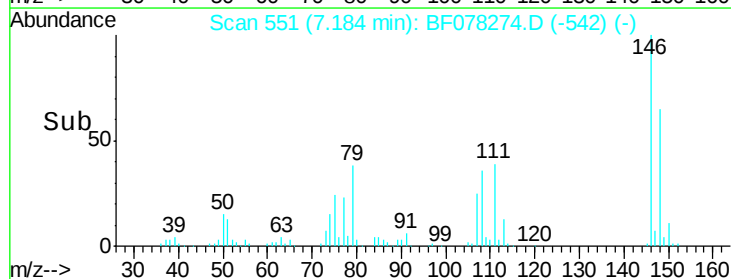
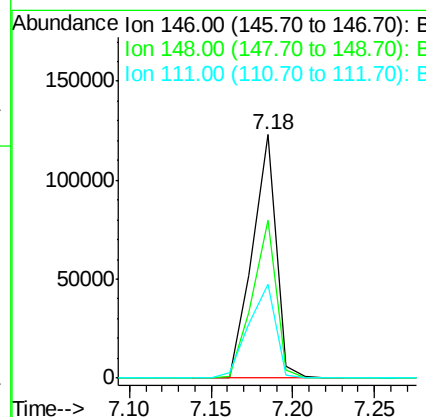
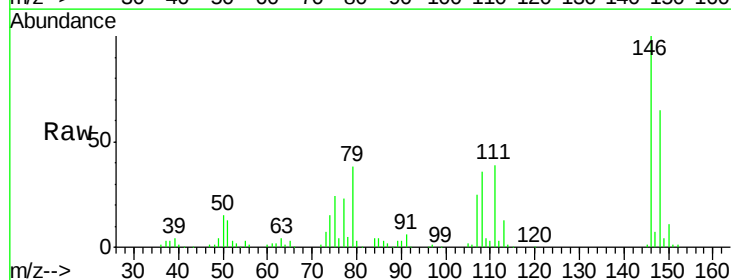
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 134292  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.4 77.0  
 111 39.1 35.0 52.4



#14  
 1,2-Dichlorobenzene  
 Concen: 38.52 ng  
 RT: 7.18 min Scan# 551  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:146 Resp: 124632  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 50.2 75.4  
 111 38.6 36.1 54.1





#15

Benzyl Alcohol

Concen: 39.39 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

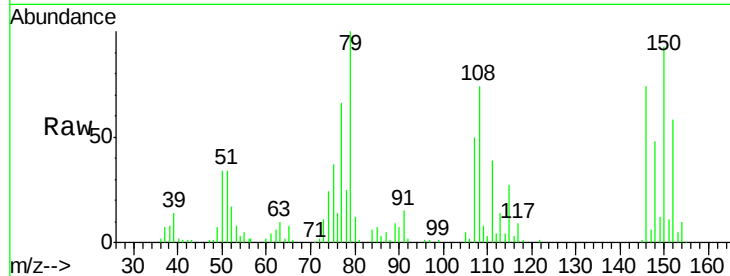
Tgt Ion: 79 Resp: 91553

Ion Ratio Lower Upper

79 100

108 73.7 57.6 86.4

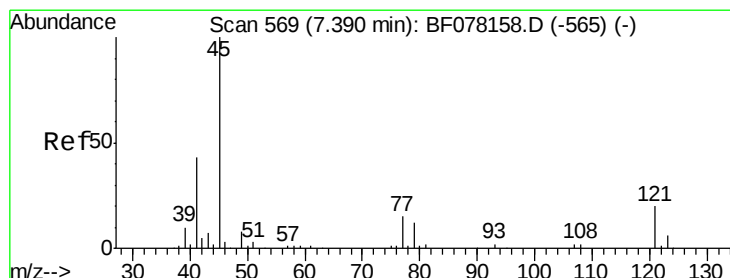
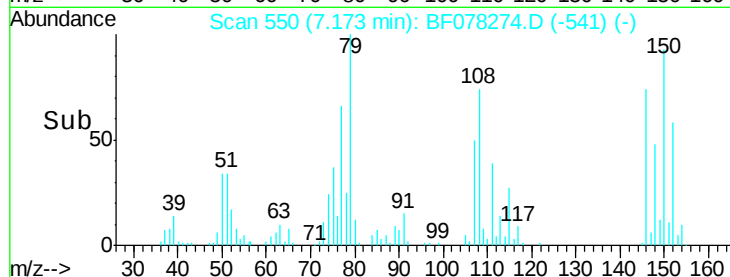
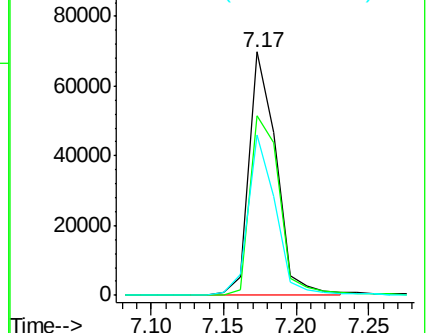
77 65.8 53.5 80.3



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: 38.82 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

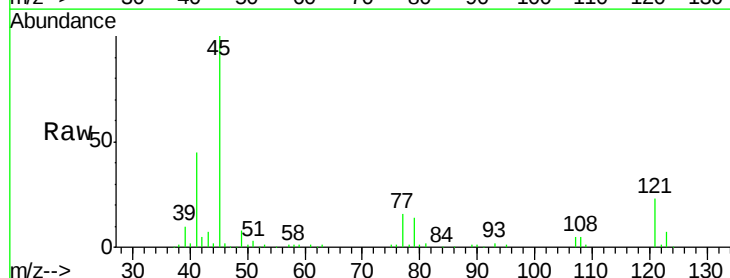
Tgt Ion: 45 Resp: 147573

Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.5

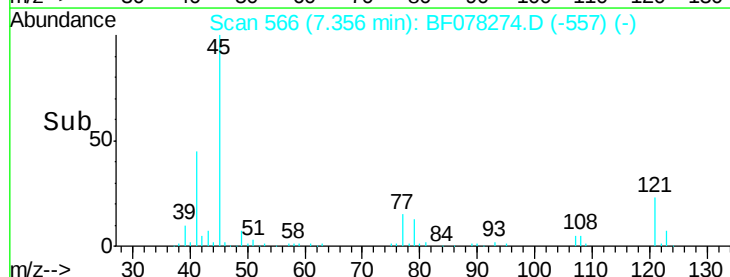
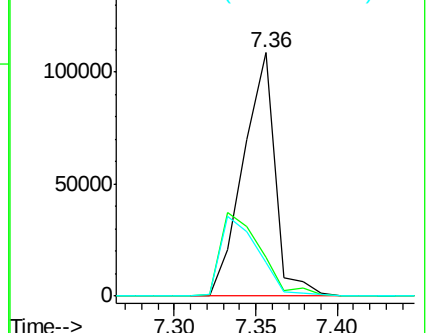
79 13.8 0.0 31.9

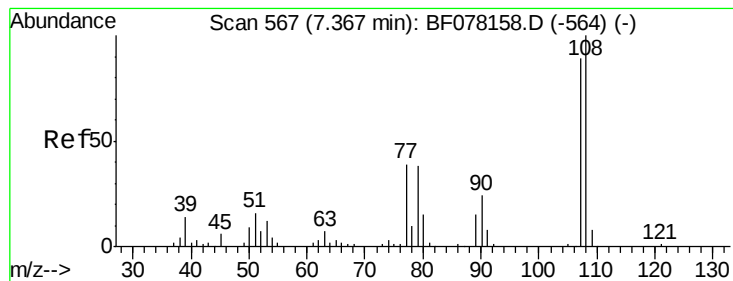


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.13 ng

RT: 7.33 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 94811

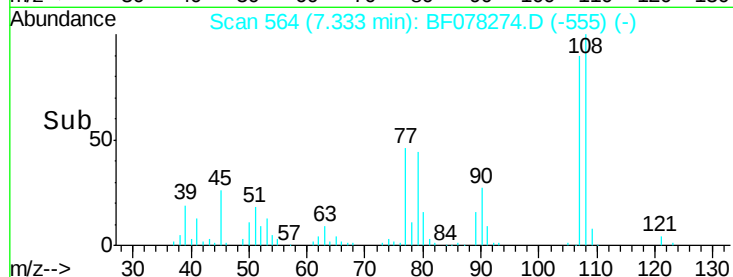
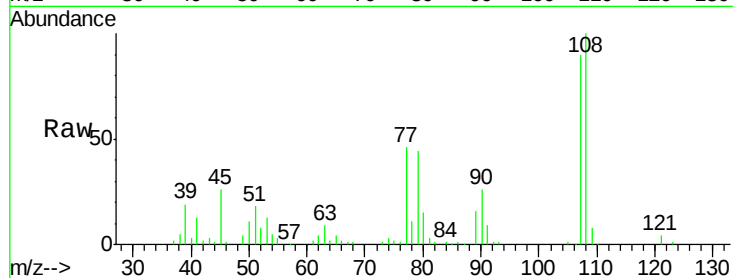
Ion Ratio Lower Upper

107 100

108 111.1 90.3 135.5

77 51.5 35.5 53.3

79 49.1 34.2 51.4

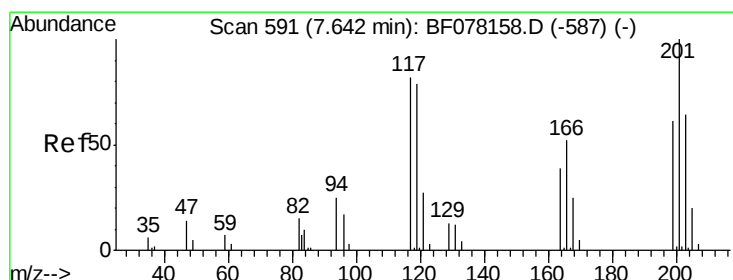
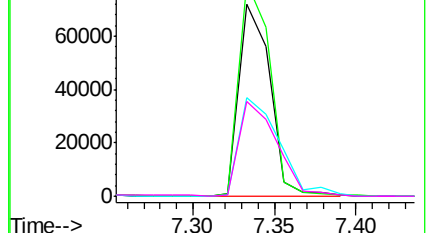


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.93 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

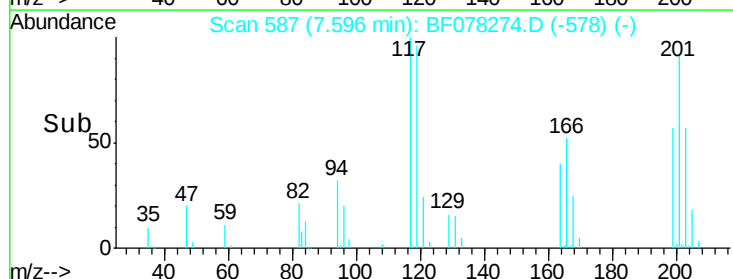
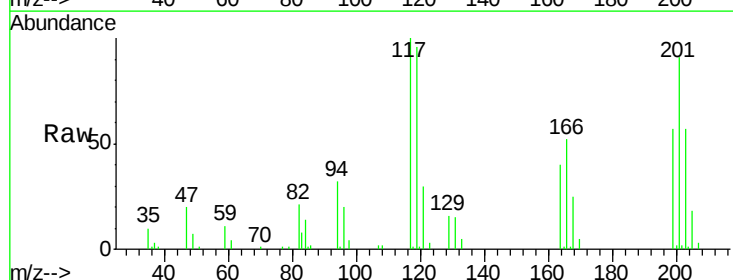
Tgt Ion:117 Resp: 47622

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

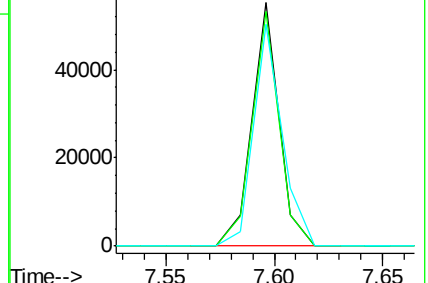
201 91.0 98.1 147.1#

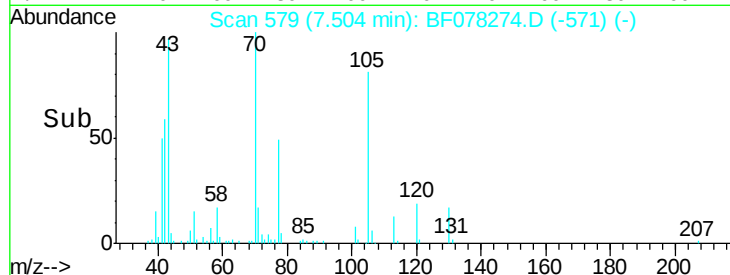
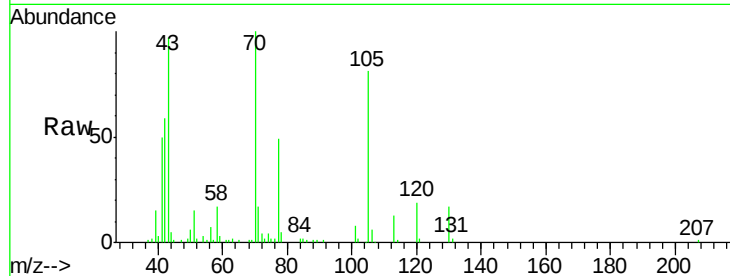
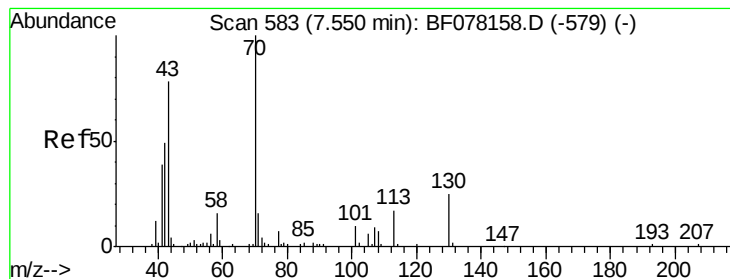


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.22 ng

RT: 7.50 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 85583

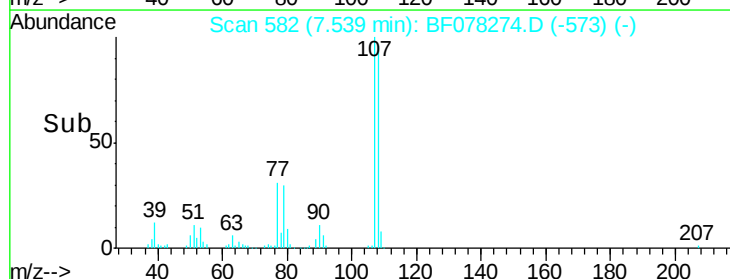
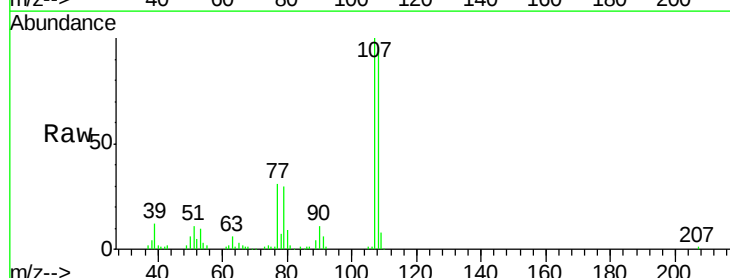
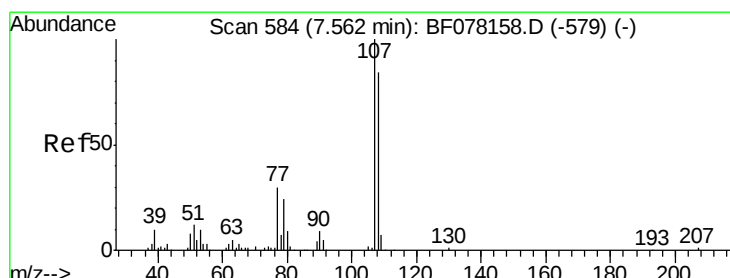
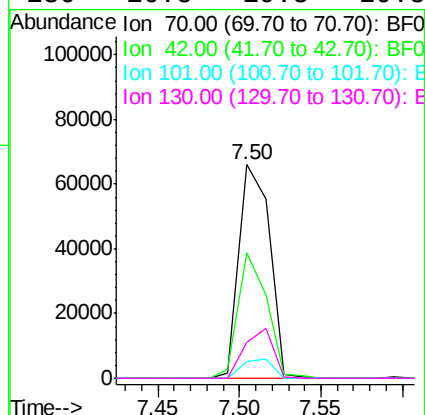
Ion Ratio Lower Upper

70 100

42 58.7 38.9 58.3#

101 8.0 8.3 12.5#

130 16.8 19.8 29.8#



#20

3+4-Methylphenols

Concen: 40.69 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Tgt Ion: 107 Resp: 131525

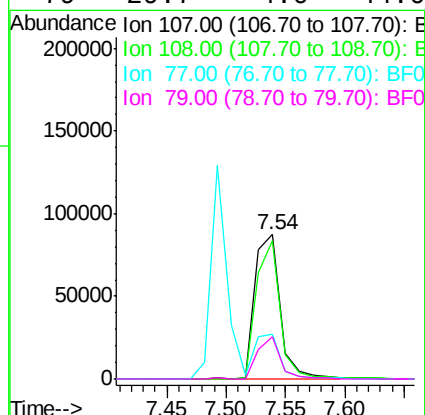
Ion Ratio Lower Upper

107 100

108 96.2 64.4 104.4

77 30.7 9.7 49.7

79 29.7 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 174996

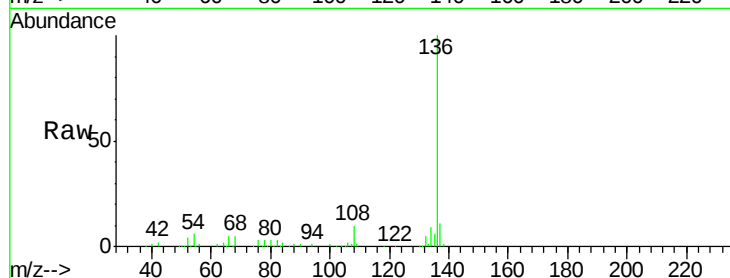
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.4 7.0 10.6#

68 5.3 5.4 8.2#

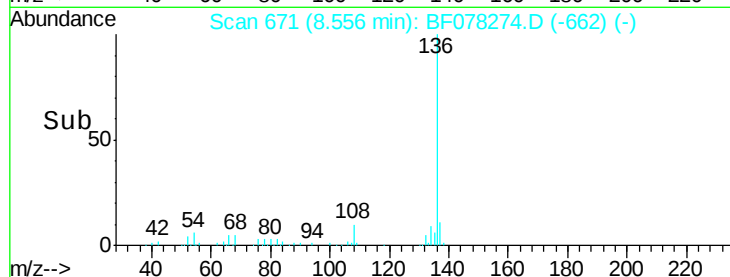


Abundance Ion 136.00 (135.70 to 136.70): E

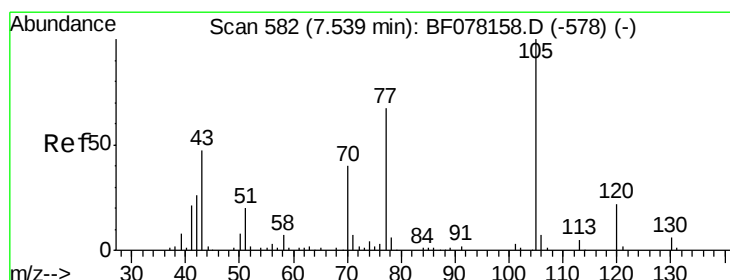
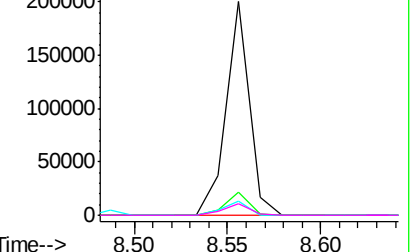
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.42 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Tgt Ion:105 Resp: 164823

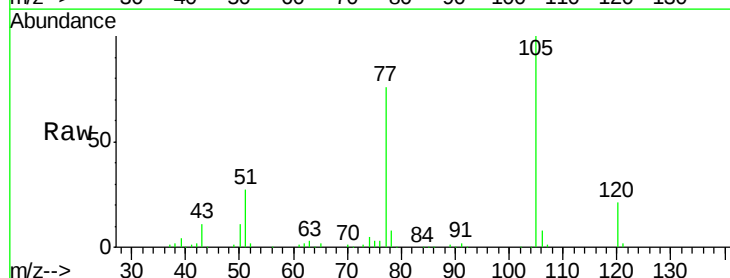
Ion Ratio Lower Upper

105 100

71 0.2 5.5 8.3#

51 26.6 16.0 24.0#

120 21.0 17.8 26.6

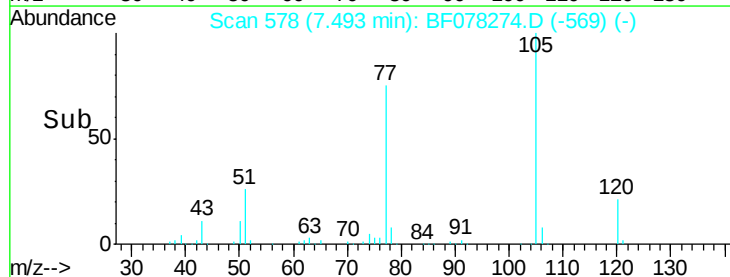


Abundance Ion 105.00 (104.70 to 105.70): E

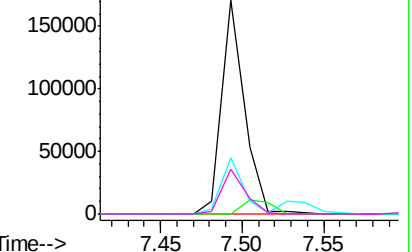
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

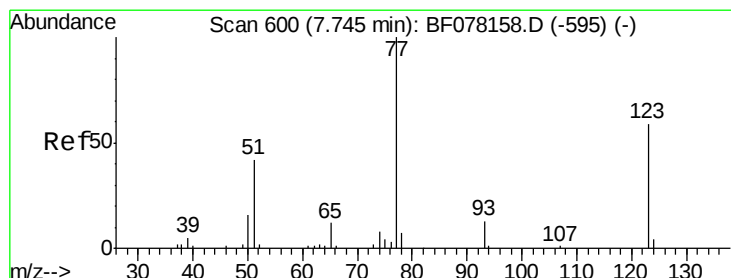
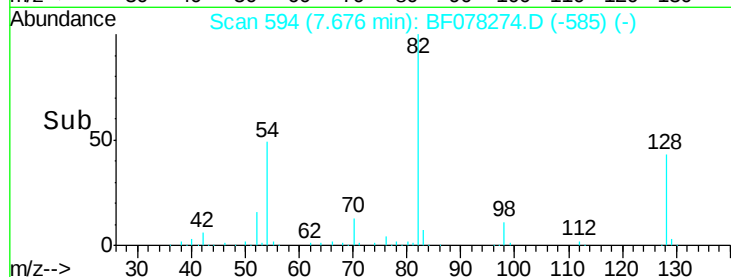
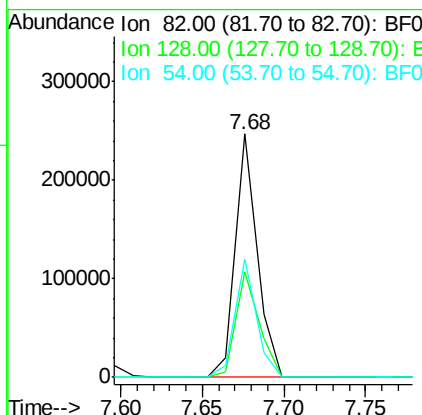
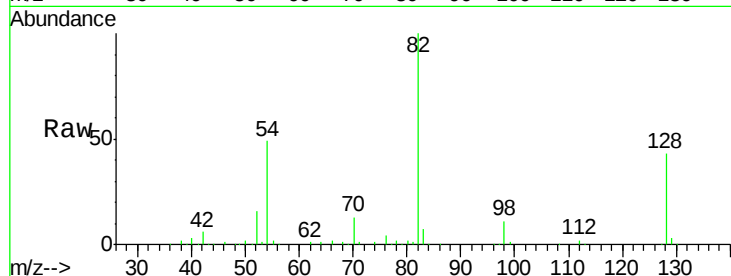




#23  
 Nitrobenzene-d5  
 Concen: 79.24 ng  
 RT: 7.68 min Scan# 594  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

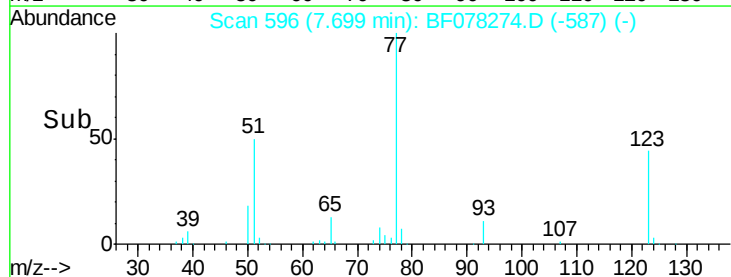
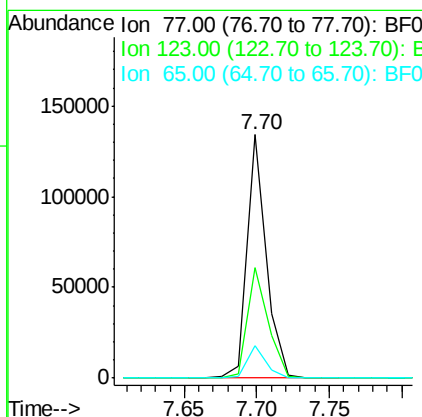
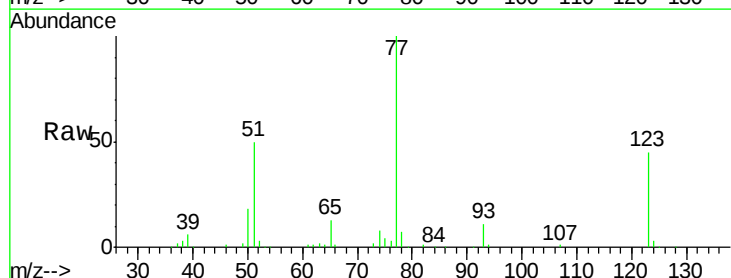
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.1  | 31.8  | 47.8  |
| 54      | 48.5  | 41.5  | 62.3  |



#24  
 Nitrobenzene  
 Concen: 40.79 ng  
 RT: 7.70 min Scan# 596  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.1  | 46.9  | 70.3# |
| 65      | 13.2  | 9.5   | 14.3  |





#25

Isophorone

Concen: 41.11 ng

RT: 8.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

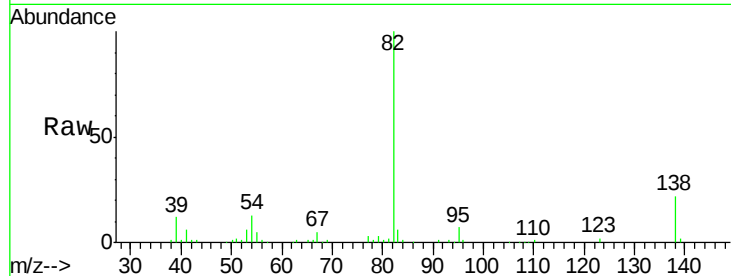
Tgt Ion: 82 Resp: 225235

Ion Ratio Lower Upper

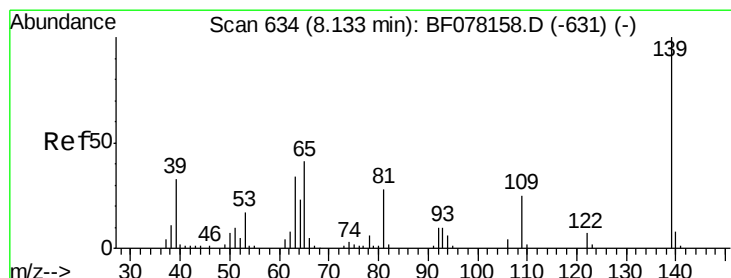
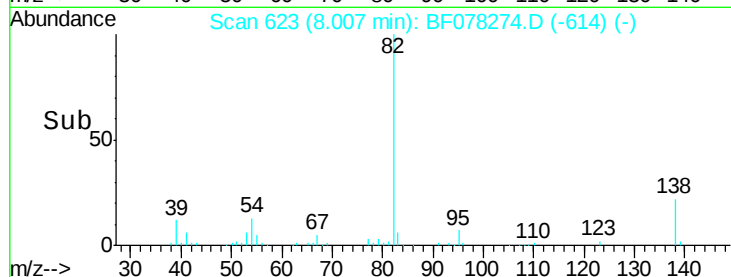
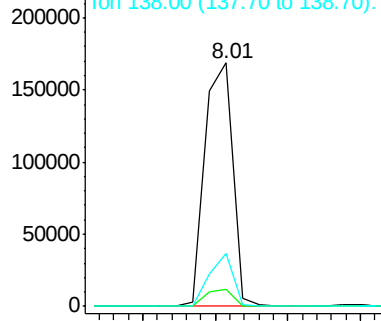
82 100

95 7.0 5.7 8.5

138 21.6 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF078274.D (-614) (-)



#26

2-Nitrophenol

Concen: 40.78 ng

RT: 8.10 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

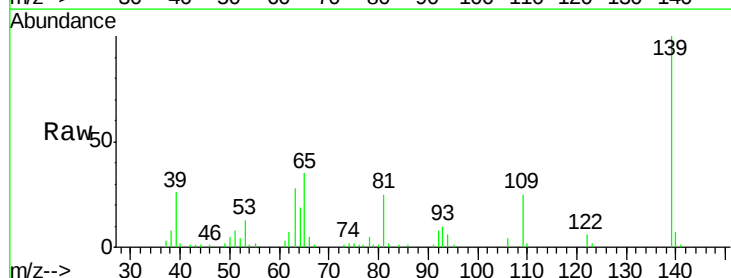
Tgt Ion: 139 Resp: 58649

Ion Ratio Lower Upper

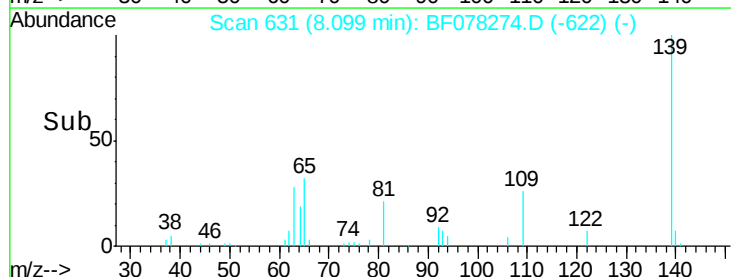
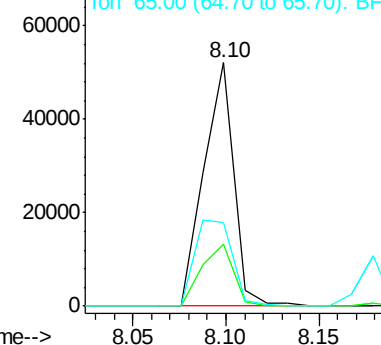
139 100

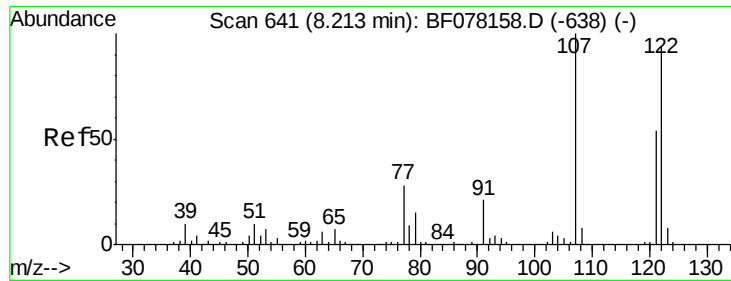
109 25.2 19.8 29.8

65 34.6 32.7 49.1



Abundance Ion 139.00 (138.70 to 139.70): BF078274.D (-622) (-)

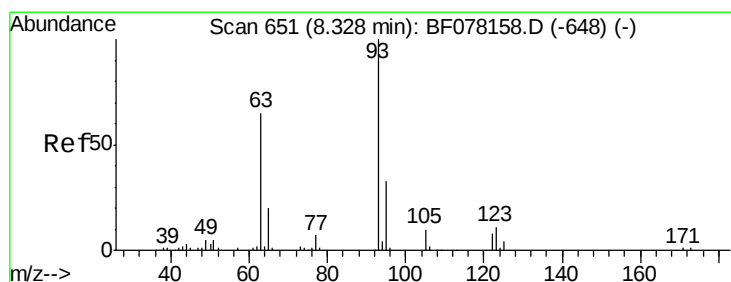
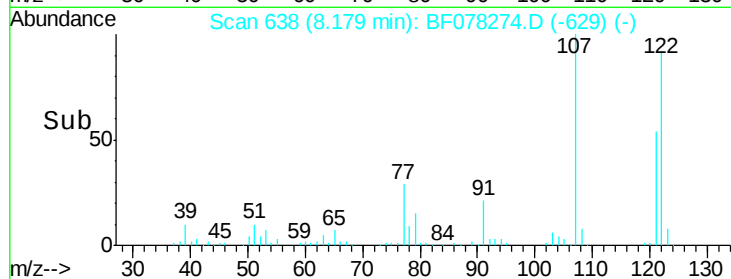
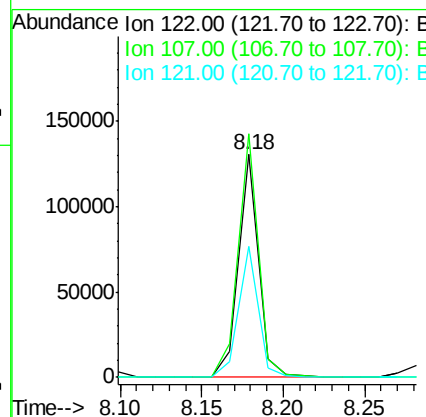
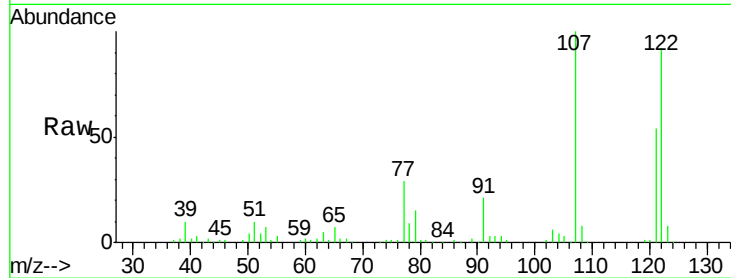




#27  
2,4-Dimethylphenol  
Concen: 40.88 ng  
RT: 8.18 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

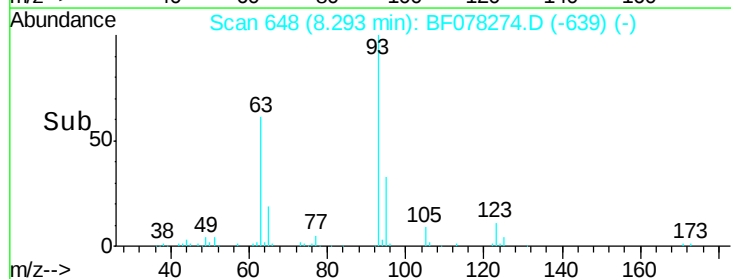
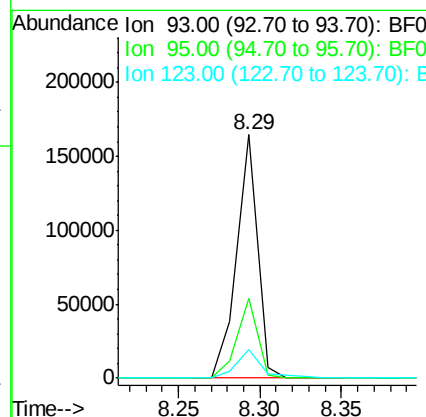
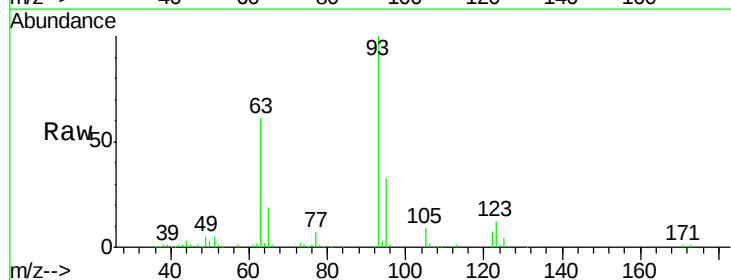
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

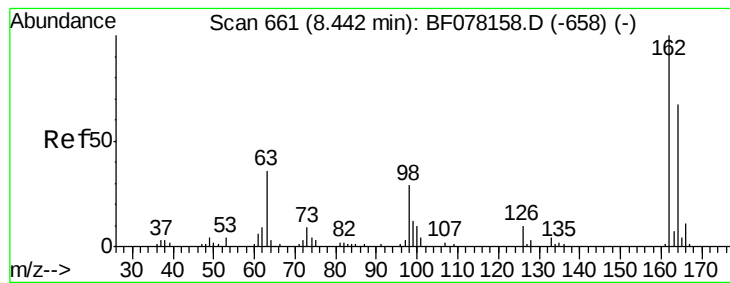
Tgt Ion:122 Resp: 109335  
Ion Ratio Lower Upper  
122 100  
107 109.3 84.6 127.0  
121 58.7 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.27 ng  
RT: 8.29 min Scan# 648  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion: 93 Resp: 144996  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.3 39.5  
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.90 ng

RT: 8.41 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

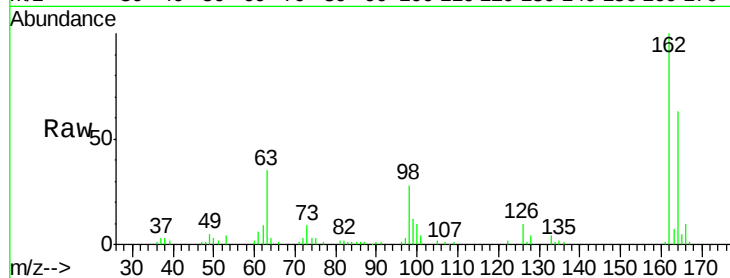
Tgt Ion:162 Resp: 99506

Ion Ratio Lower Upper

162 100

164 63.4 47.0 87.0

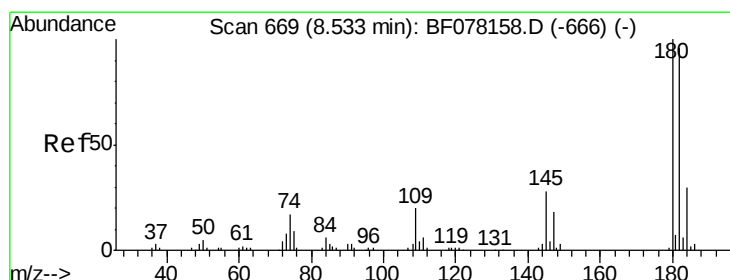
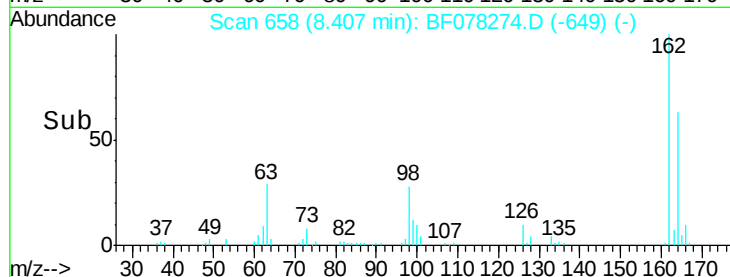
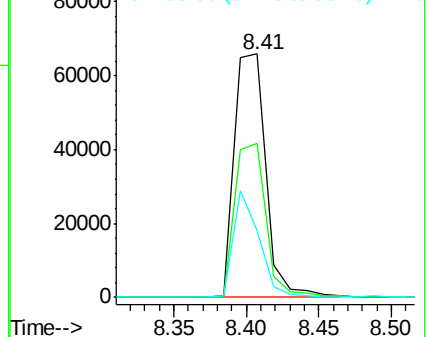
98 27.5 9.2 49.2



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.75 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

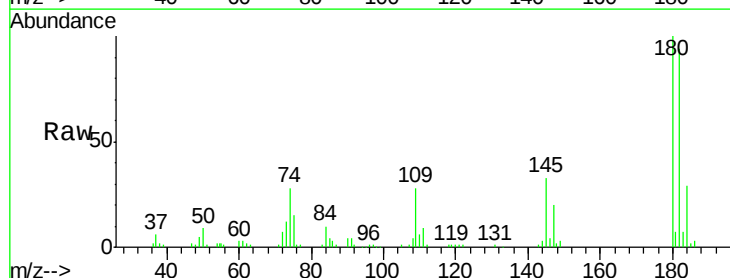
Tgt Ion:180 Resp: 108095

Ion Ratio Lower Upper

180 100

182 94.3 76.9 115.3

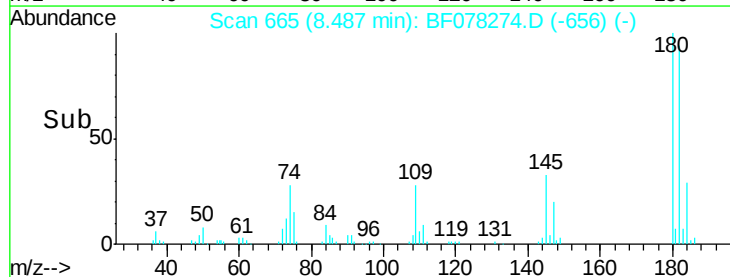
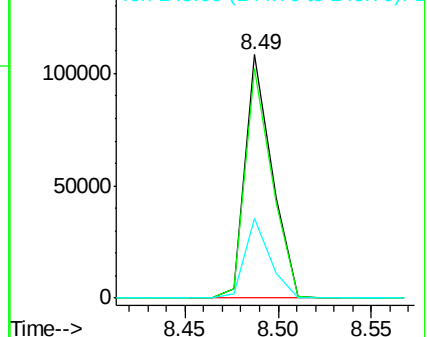
145 32.7 22.5 33.7

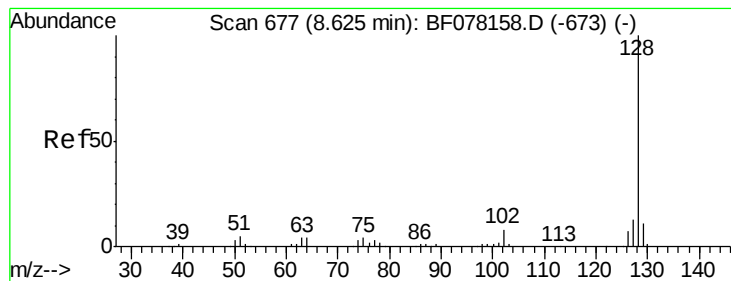


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.11 ng

RT: 8.58 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

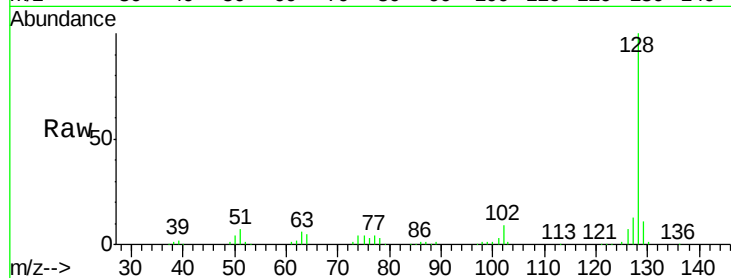
Tgt Ion:128 Resp: 356218

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

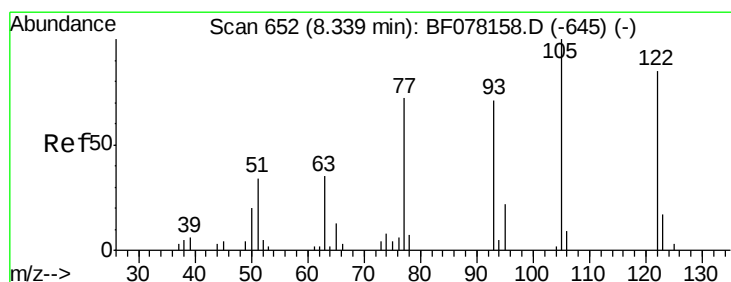
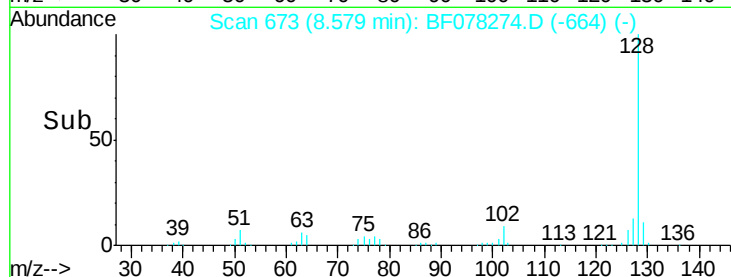
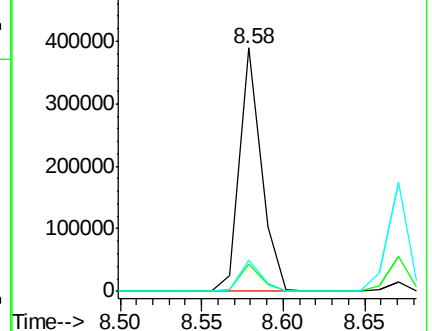
127 12.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.73 ng

RT: 8.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

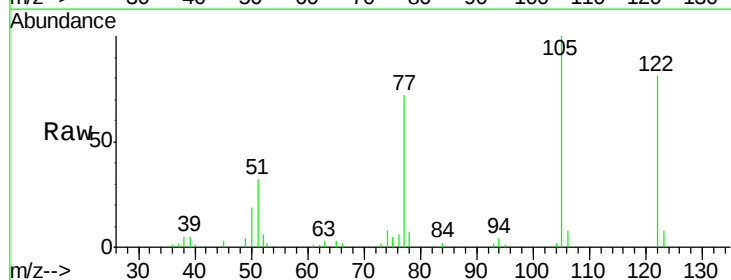
Tgt Ion:122 Resp: 61418

Ion Ratio Lower Upper

122 100

105 123.1 96.1 136.1

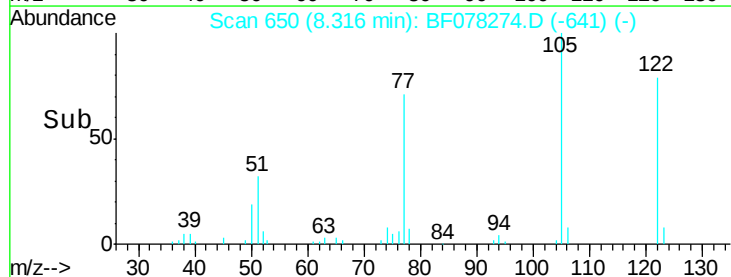
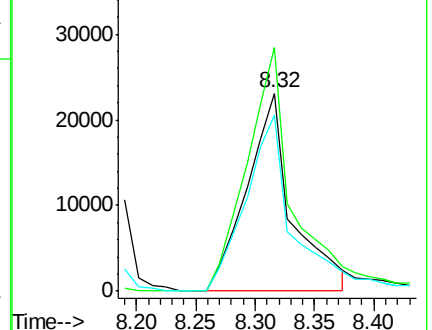
77 88.8 64.1 104.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

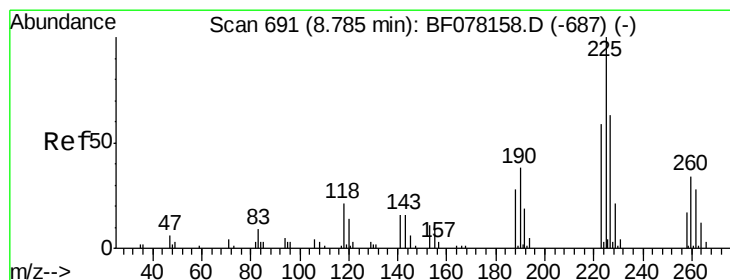
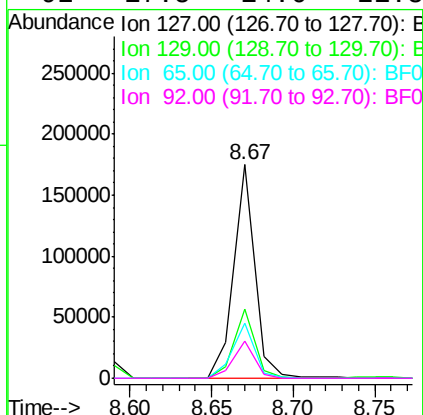
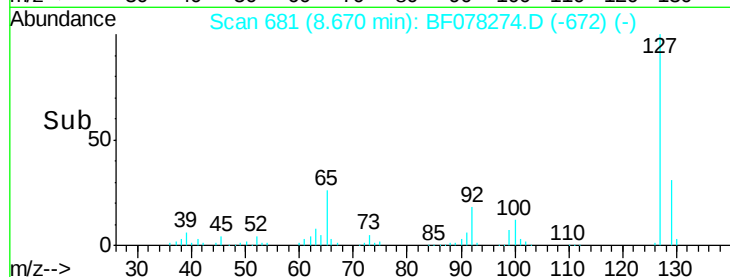
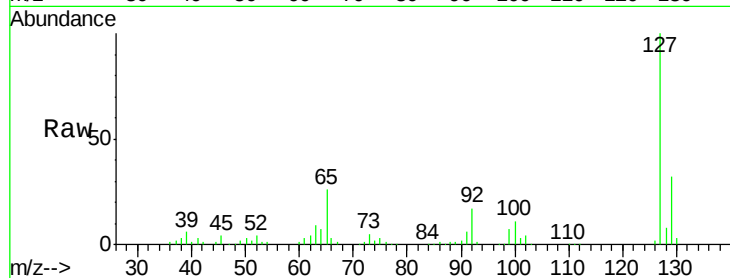




#33  
4-Chloroaniline  
Concen: 41.26 ng  
RT: 8.67 min Scan# 681  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

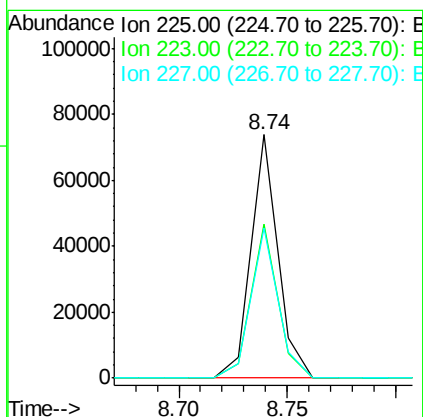
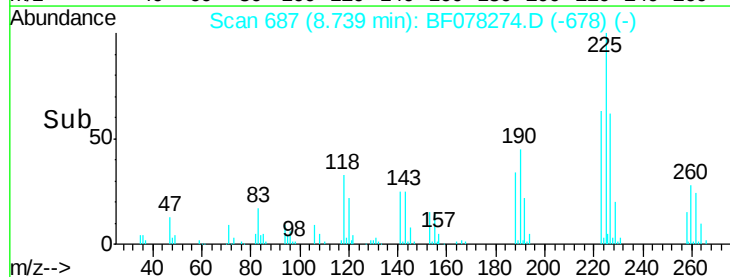
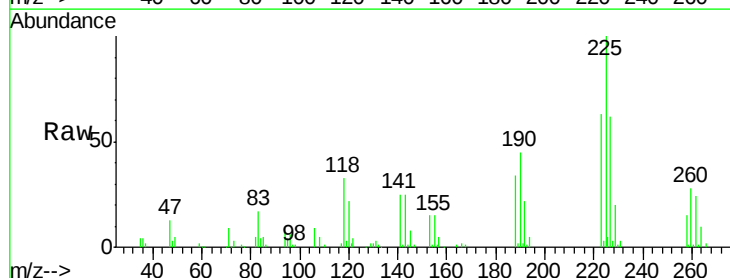
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

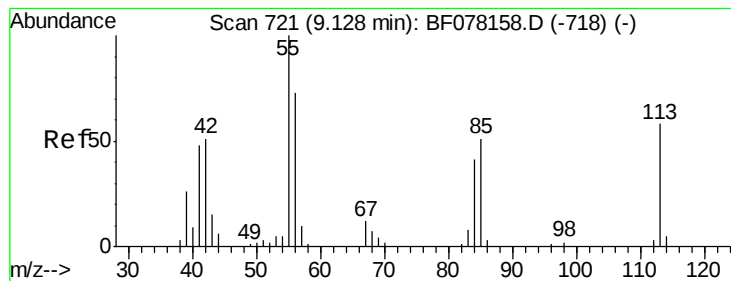
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 155949 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 25.5  | 38.3   |
| 65       | 25.9  | 21.7  | 32.5   |
| 92       | 17.5  | 14.6  | 21.8   |



#34  
Hexachlorobutadiene  
Concen: 41.43 ng  
RT: 8.74 min Scan# 687  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 63457 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.4  | 47.5  | 71.3  |
| 227      | 61.6  | 50.2  | 75.2  |





#35

Caprolactam

Concen: 43.97 ng

RT: 9.10 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

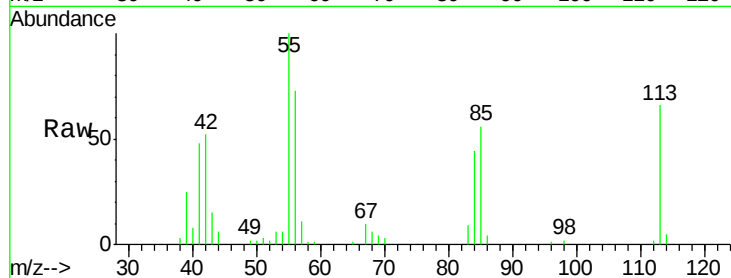
Tgt Ion:113 Resp: 31932

Ion Ratio Lower Upper

113 100

55 152.2 151.9 191.9

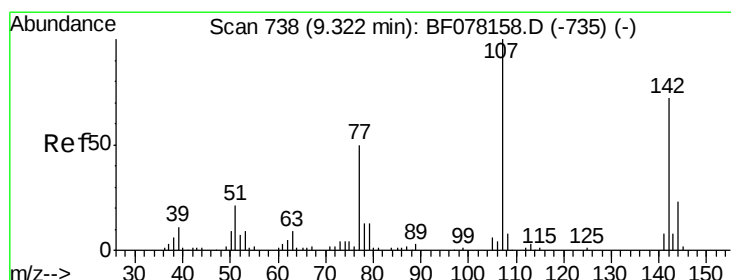
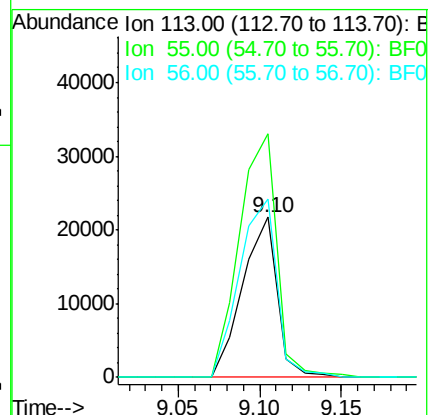
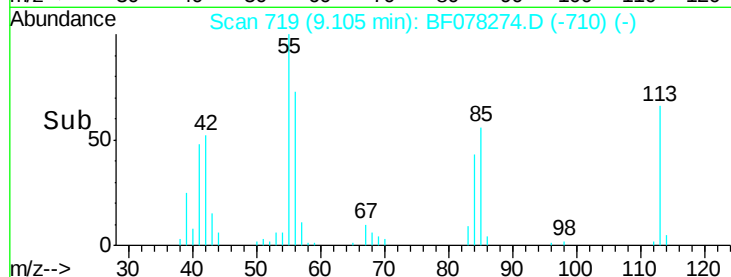
56 111.6 106.1 146.1



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: 41.59 ng

RT: 9.29 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

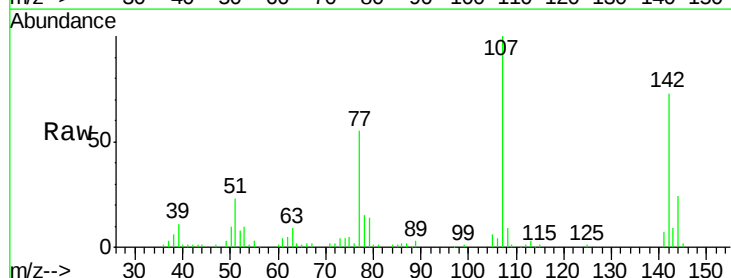
Tgt Ion:107 Resp: 102105

Ion Ratio Lower Upper

107 100

144 23.9 18.2 27.2

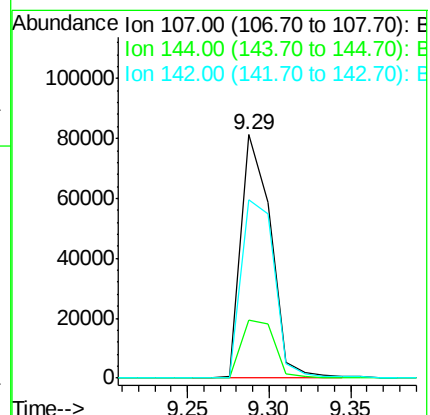
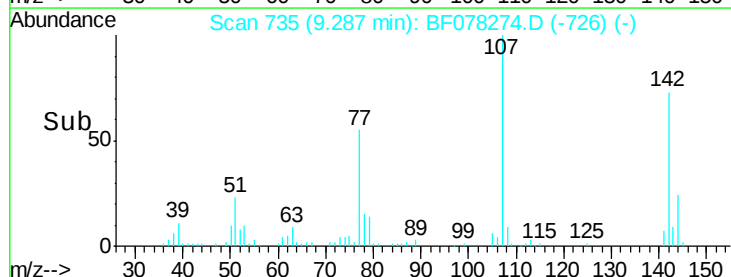
142 73.3 58.0 87.0



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

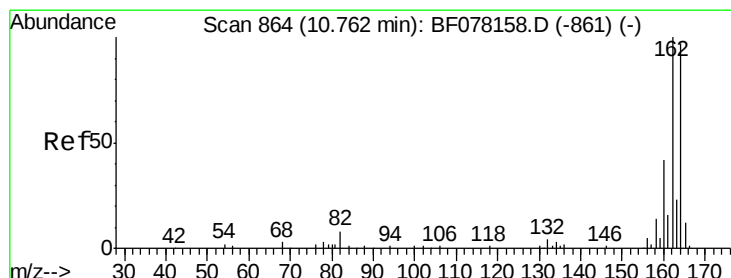
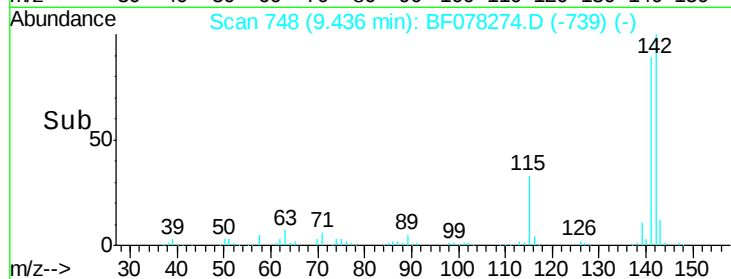
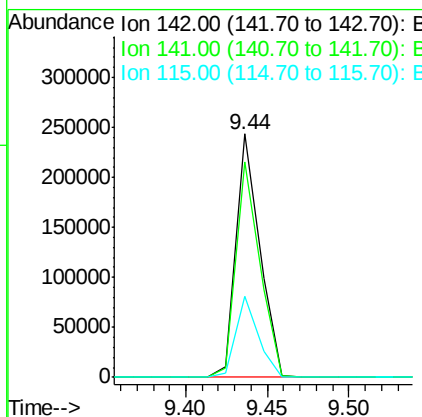
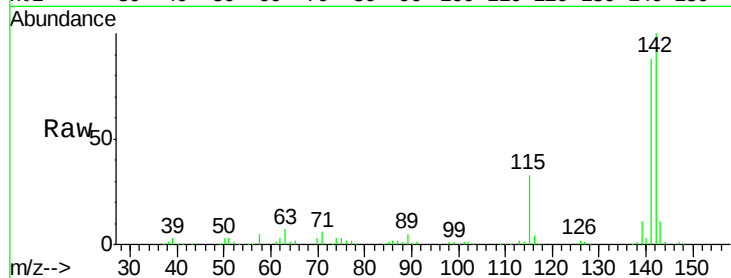




#37  
 2-Methylnaphthalene  
 Concen: 39.49 ng  
 RT: 9.44 min Scan# 748  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

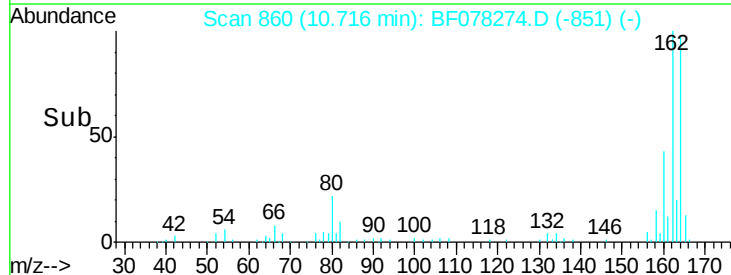
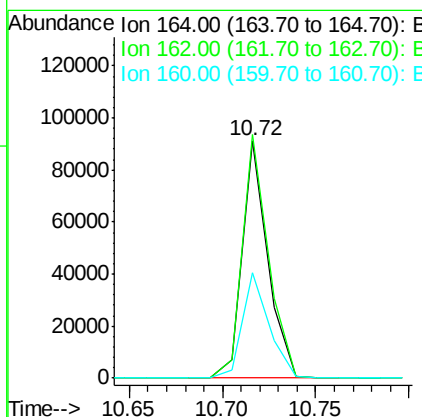
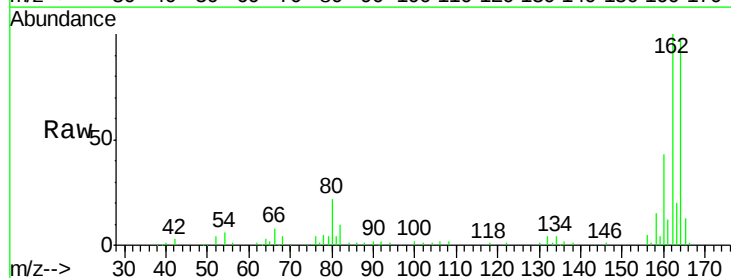
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

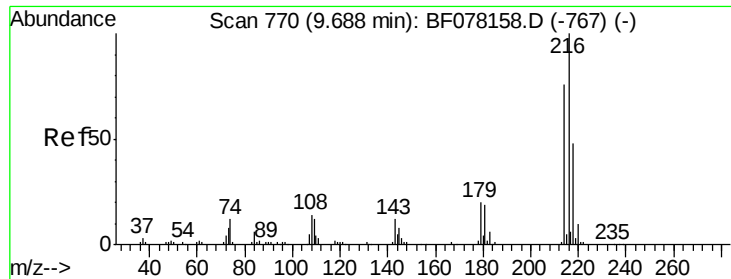
Tgt Ion:142 Resp: 244207  
 Ion Ratio Lower Upper  
 142 100  
 141 88.3 70.3 105.5  
 115 33.4 24.6 37.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.72 min Scan# 860  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:164 Resp: 86597  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 82.2 123.2  
 160 44.4 34.7 52.1

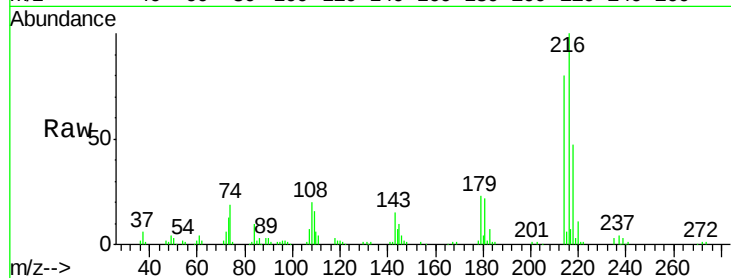




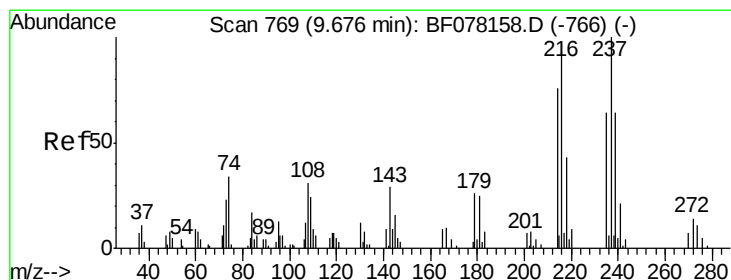
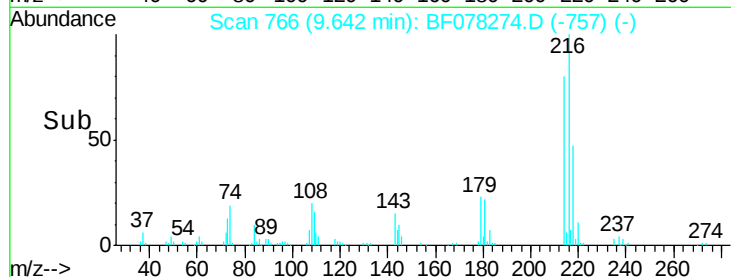
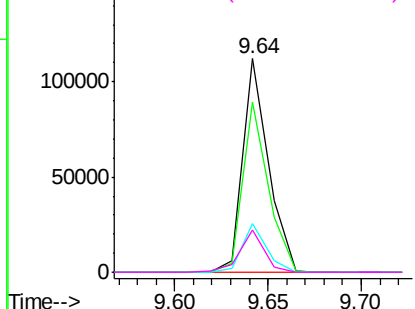
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.97 ng  
 RT: 9.64 min Scan# 766  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 107237 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.8  | 62.0  | 93.0   |
| 179      | 21.6  | 17.3  | 25.9   |
| 108      | 18.8  | 14.6  | 21.8   |

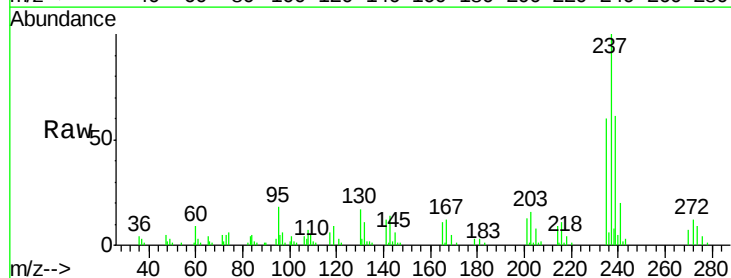


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

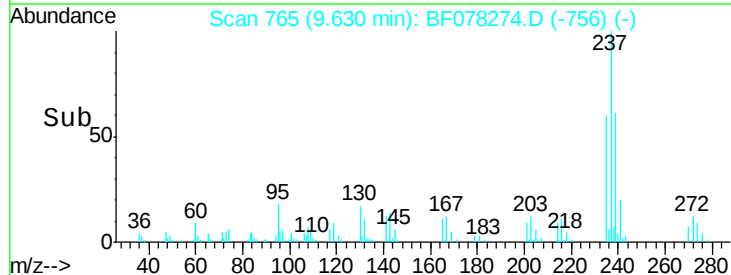
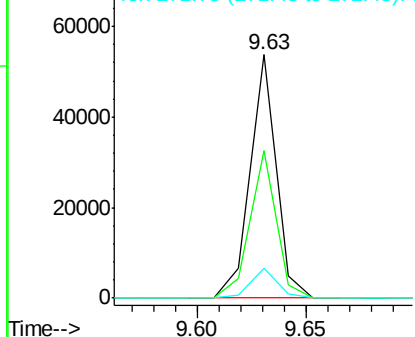


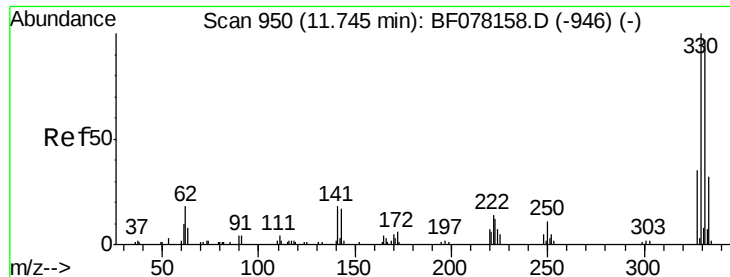
#40  
 Hexachlorocyclopentadiene  
 Concen: 42.26 ng  
 RT: 9.63 min Scan# 765  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 44761 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.5  | 44.1  | 84.1  |
| 272      | 12.2  | 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

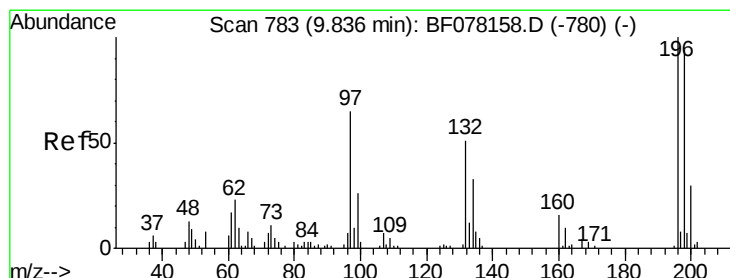
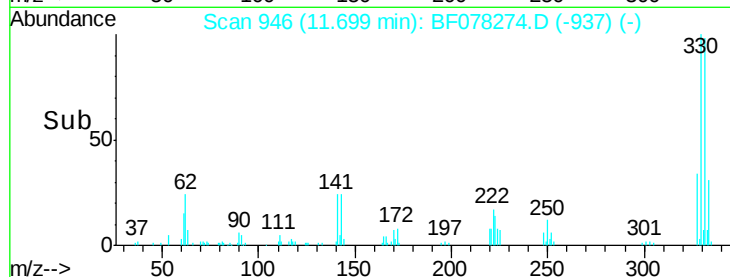
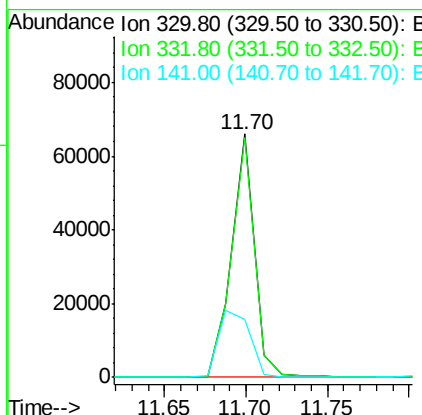
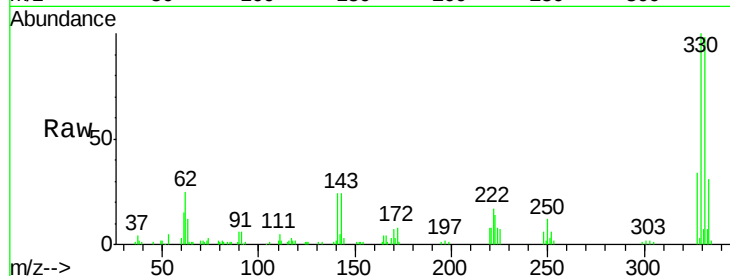




#41  
 2,4,6-Tribromophenol  
 Concen: 89.38 ng  
 RT: 11.70 min Scan# 946  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

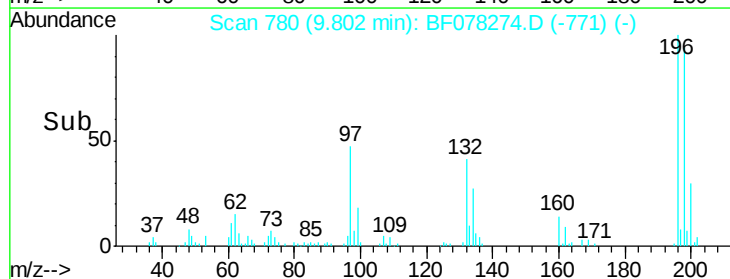
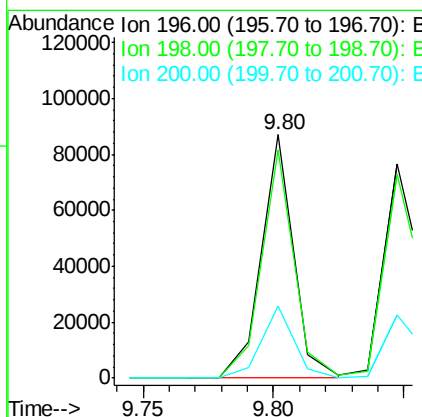
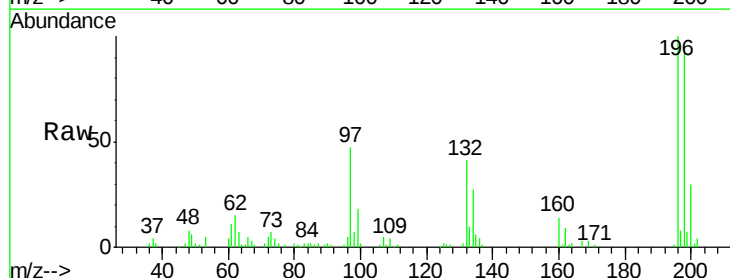
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:330 Resp: 64192  
 Ion Ratio Lower Upper  
 330 100  
 332 98.5 78.6 117.8  
 141 38.0 31.2 46.8



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.39 ng  
 RT: 9.80 min Scan# 780  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:196 Resp: 75114  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 75.4 113.2  
 200 29.8 24.0 36.0

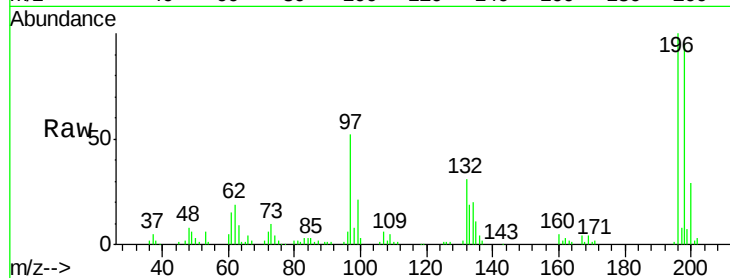




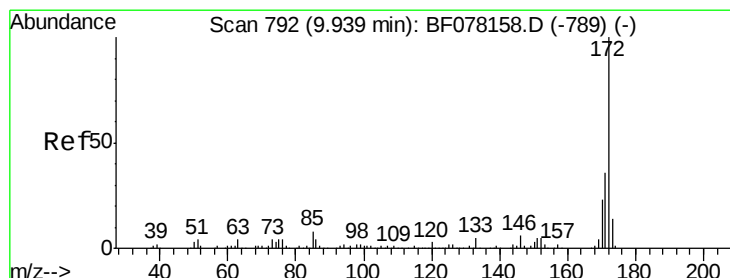
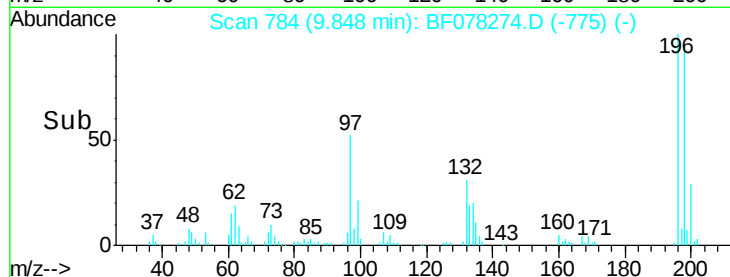
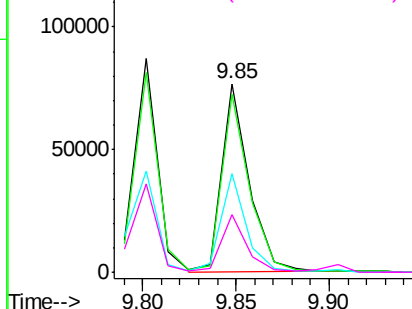
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.03 ng  
 RT: 9.85 min Scan# 784  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 77844  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 76.6 115.0  
 97 52.3 50.6 75.8  
 132 30.8 27.7 41.5

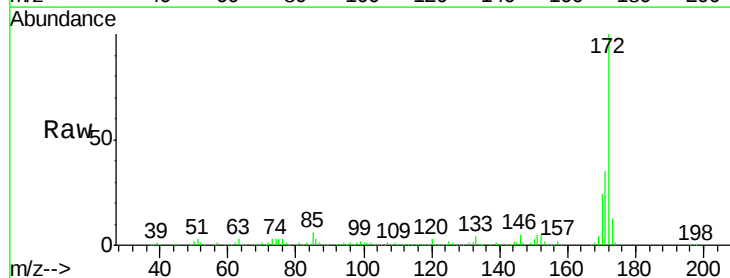


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

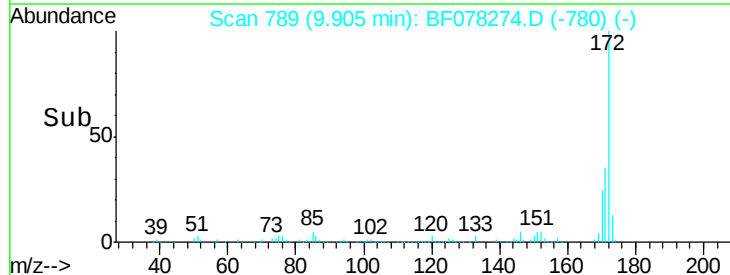
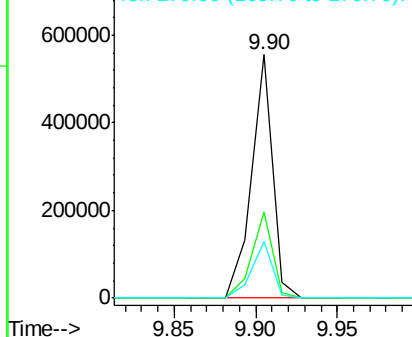


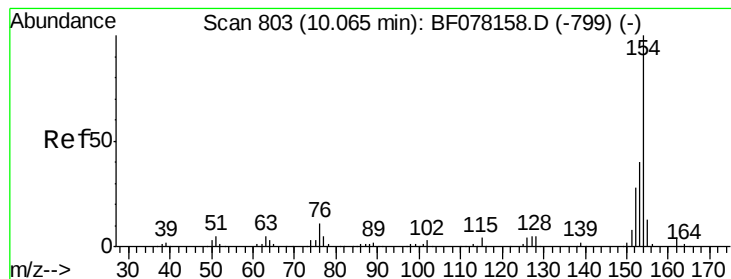
#44  
 2-Fluorobiphenyl  
 Concen: 82.05 ng  
 RT: 9.90 min Scan# 789  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:172 Resp: 497068  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.6 42.8  
 170 23.6 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: 39.75 ng

RT: 10.02 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

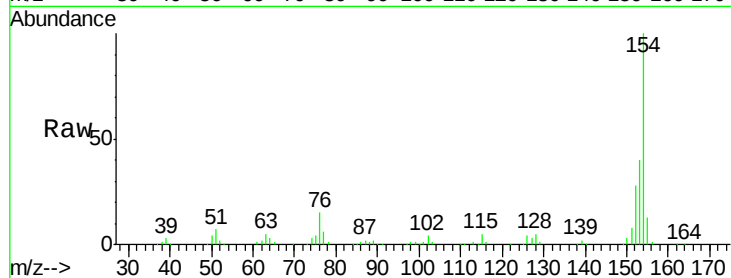
Tgt Ion:154 Resp: 281534

Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

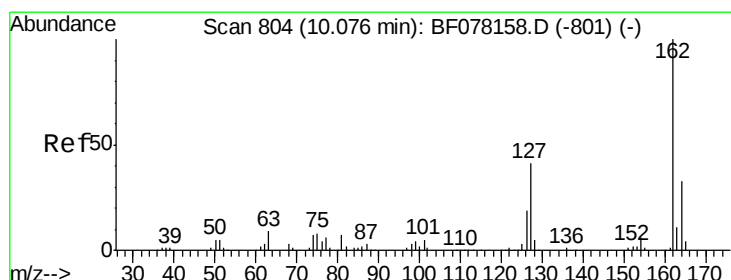
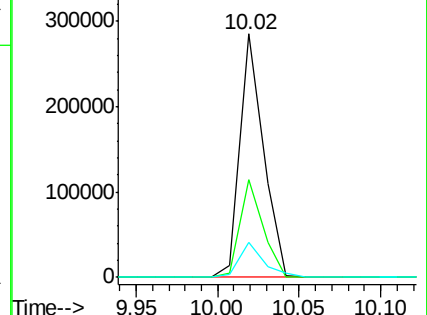
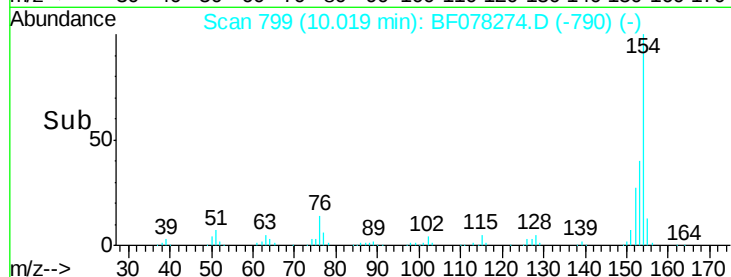
76 14.5 0.0 30.6



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: 41.63 ng

RT: 10.04 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

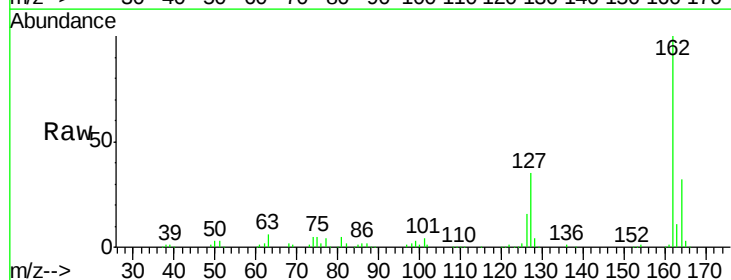
Tgt Ion:162 Resp: 232029

Ion Ratio Lower Upper

162 100

127 35.4 32.6 49.0

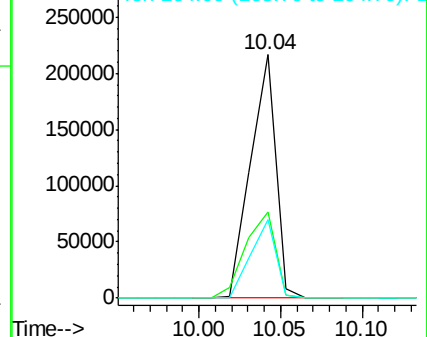
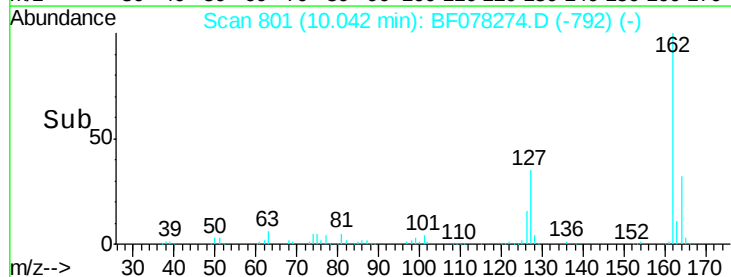
164 32.3 26.0 39.0

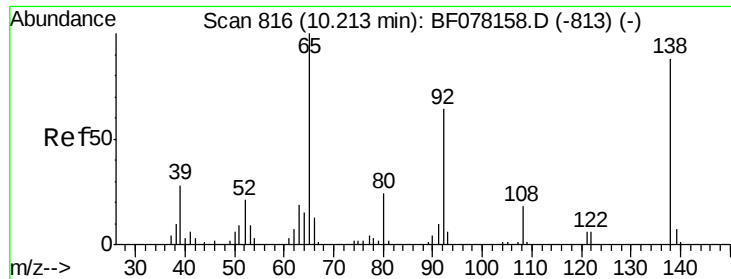


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

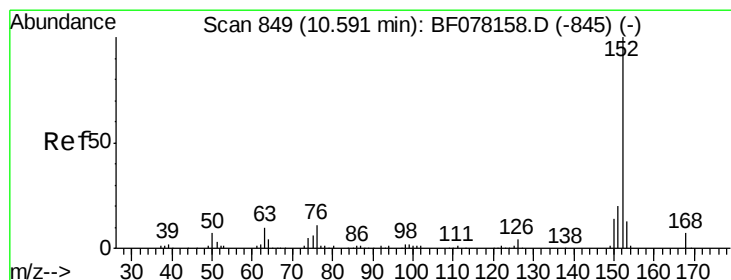
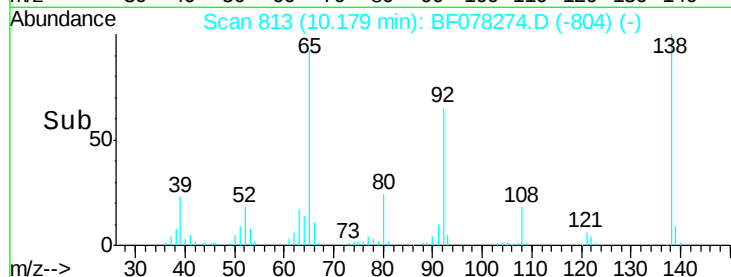
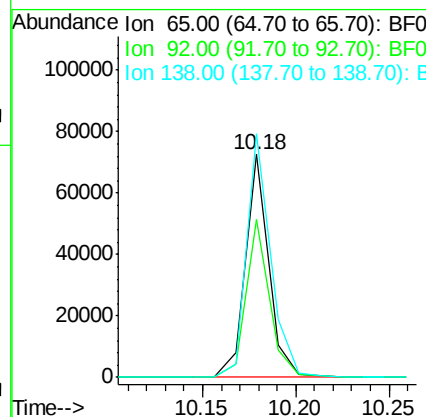
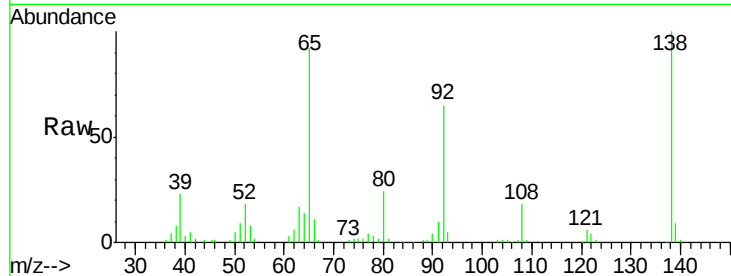




#47  
2-Nitroaniline  
Concen: 45.95 ng  
RT: 10.18 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

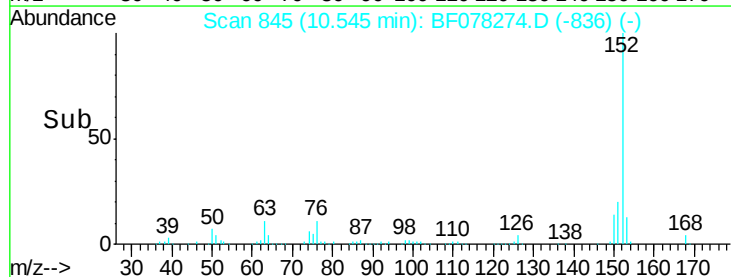
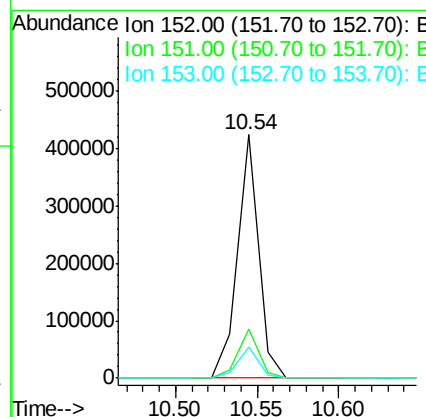
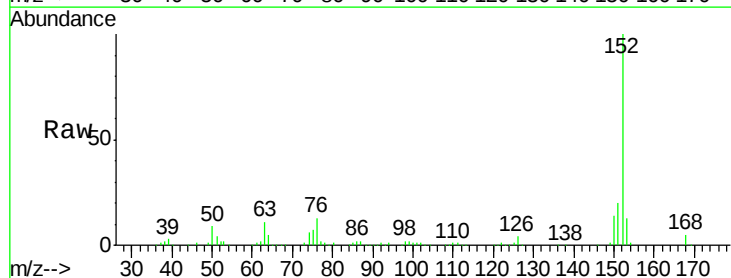
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

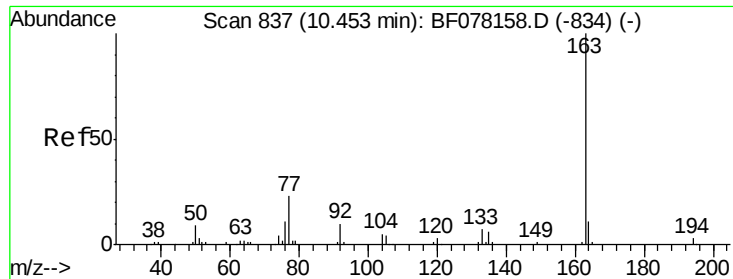
Tgt Ion: 65 Resp: 63365  
Ion Ratio Lower Upper  
65 100  
92 70.7 51.3 76.9  
138 109.2 70.4 105.6#



#48  
Acenaphthylene  
Concen: 41.73 ng  
RT: 10.54 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion: 152 Resp: 375534  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 12.9 10.2 15.2

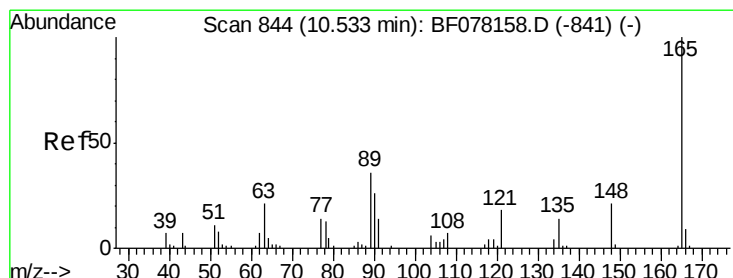
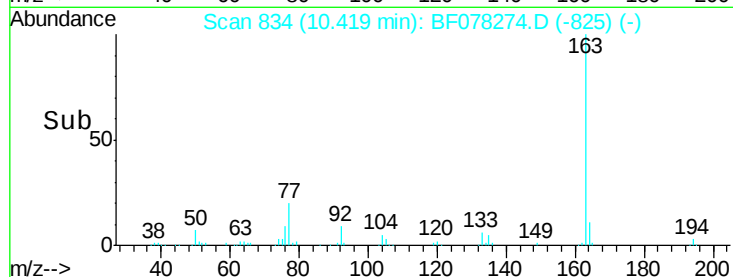
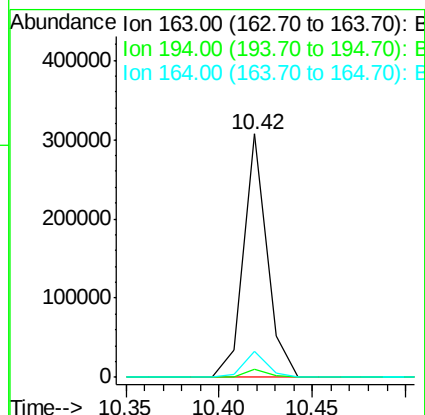
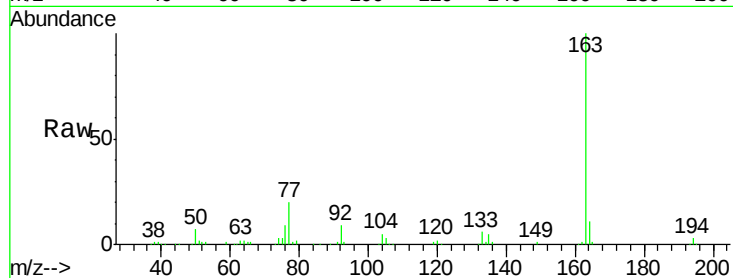




#49  
Dimethylphthalate  
Concen: 41.58 ng  
RT: 10.42 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

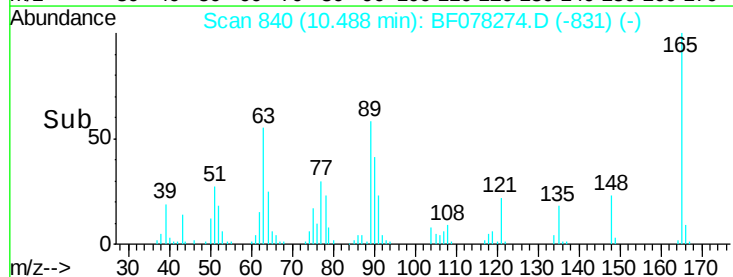
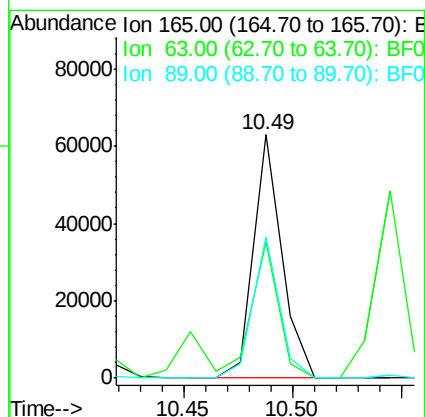
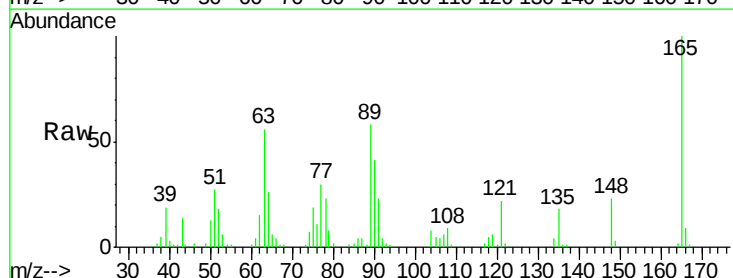
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

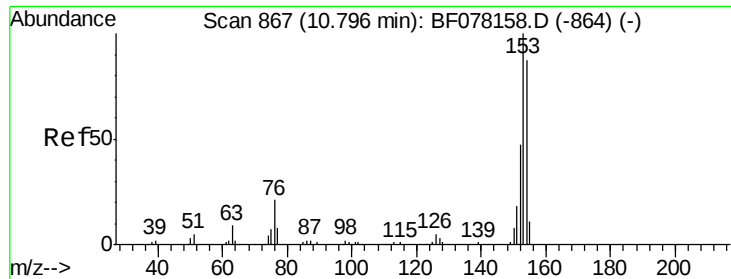
Tgt Ion:163 Resp: 270506  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.3 3.5  
164 10.5 8.6 13.0



#50  
2,6-Dinitrotoluene  
Concen: 42.52 ng  
RT: 10.49 min Scan# 840  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion:165 Resp: 56920  
Ion Ratio Lower Upper  
165 100  
63 55.9 24.1 36.1#  
89 57.9 28.9 43.3#

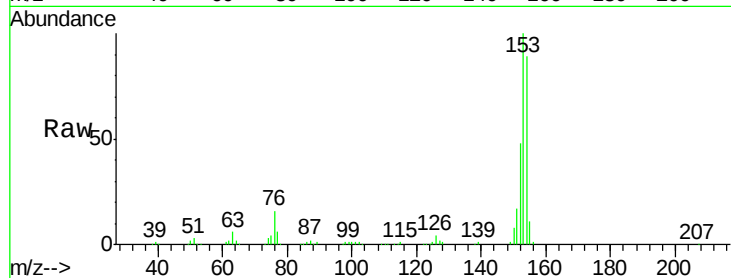




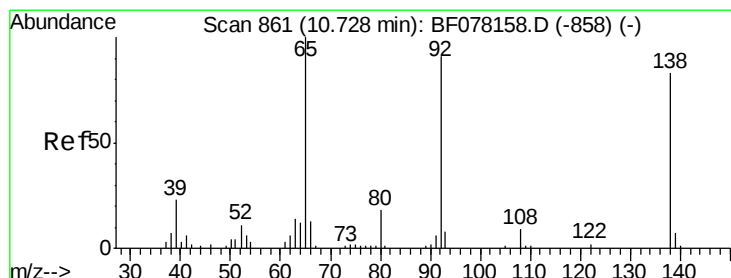
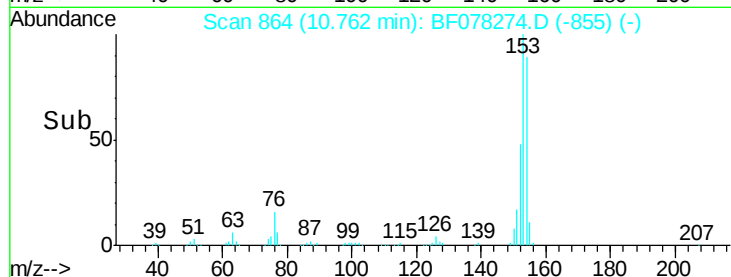
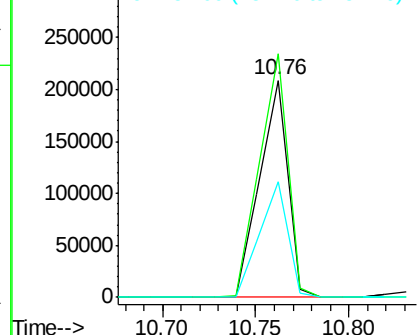
#51  
Acenaphthene  
Concen: 42.80 ng  
RT: 10.76 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:154 Resp: 216876  
Ion Ratio Lower Upper  
154 100  
153 112.3 91.4 137.2  
152 53.4 43.0 64.6

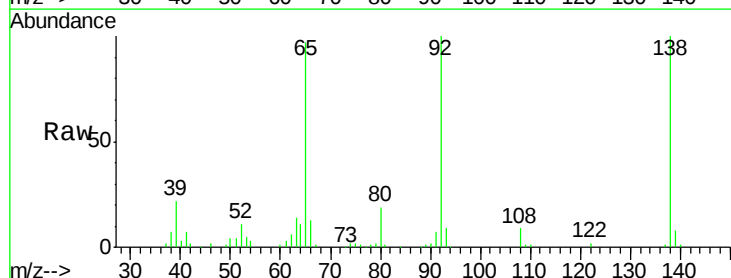


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

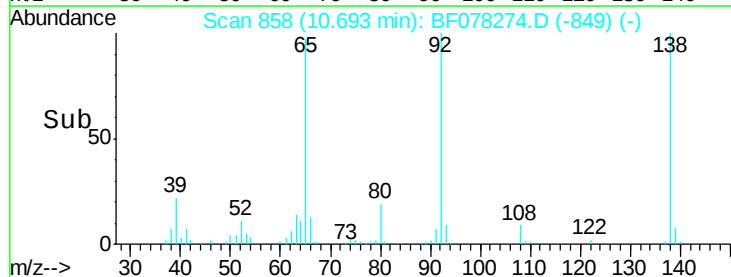
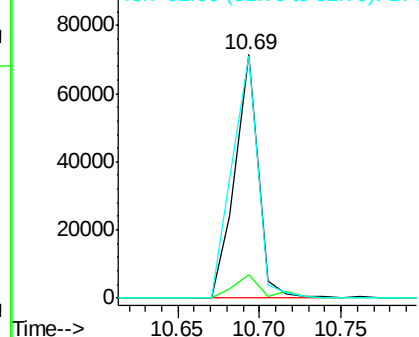


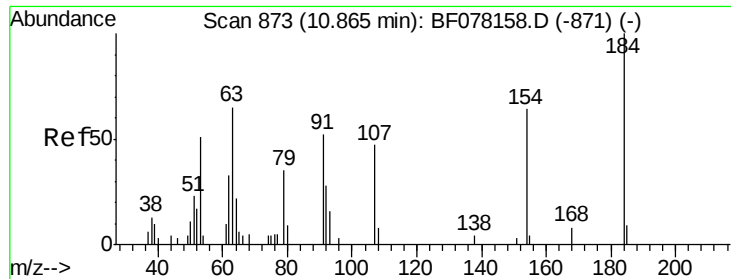
#52  
3-Nitroaniline  
Concen: 46.20 ng  
RT: 10.69 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion:138 Resp: 70311  
Ion Ratio Lower Upper  
138 100  
108 9.4 8.2 12.4  
92 99.8 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

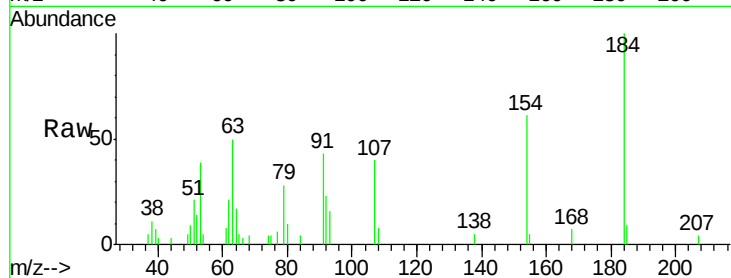




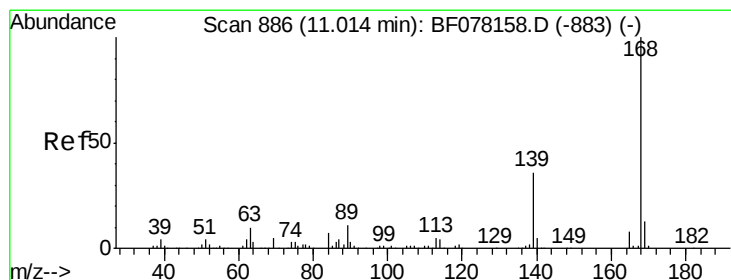
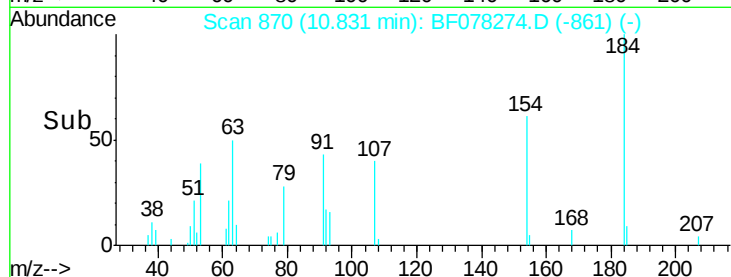
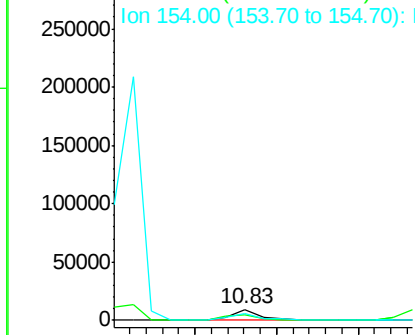
#53  
 2,4-Dinitrophenol  
 Concen: 34.25 ng  
 RT: 10.83 min Scan# 870  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:184 Resp: 11866  
 Ion Ratio Lower Upper  
 184 100  
 63 50.4 51.9 77.9#  
 154 60.8 51.0 76.4

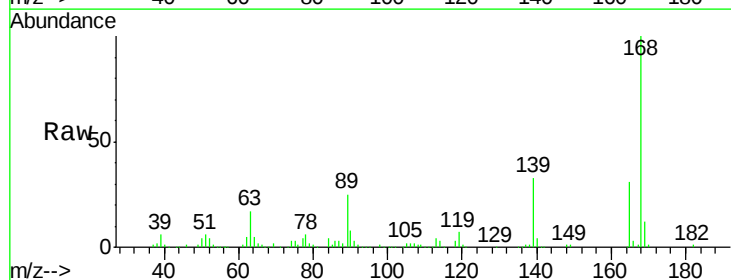


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF078158.D (-871) (-)  
 Ion 154.00 (153.70 to 154.70): E

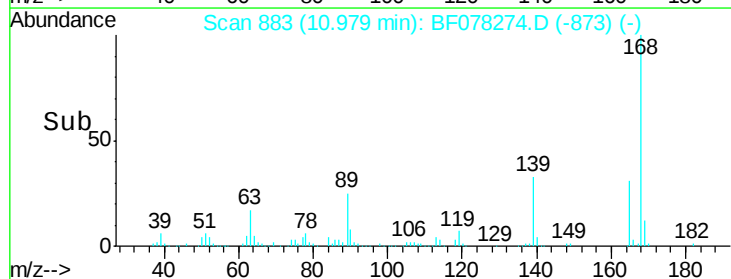
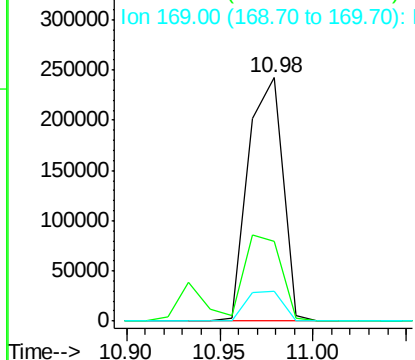


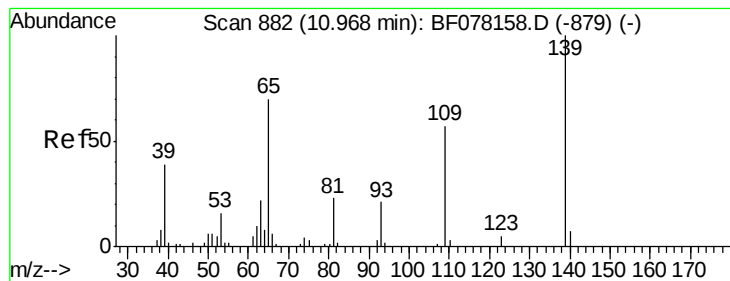
#54  
 Dibenzofuran  
 Concen: 40.28 ng  
 RT: 10.98 min Scan# 883  
 Delta R.T. 0.01 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:168 Resp: 311751  
 Ion Ratio Lower Upper  
 168 100  
 139 33.0 31.0 46.4  
 169 12.5 10.7 16.1



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





#55

4-Nitrophenol

Concen: 138.67 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.03 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

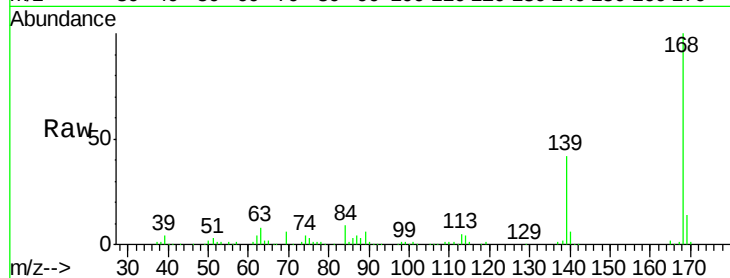
Tgt Ion:139 Resp: 157758

Ion Ratio Lower Upper

139 100

109 2.4 36.7 76.7#

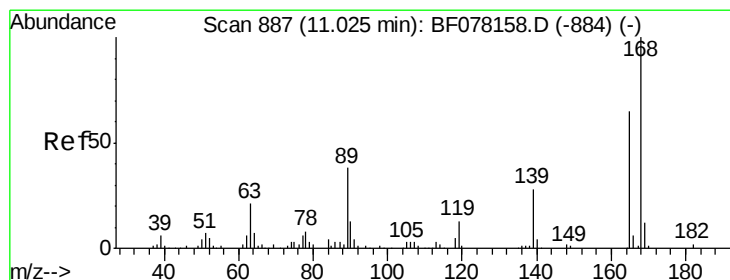
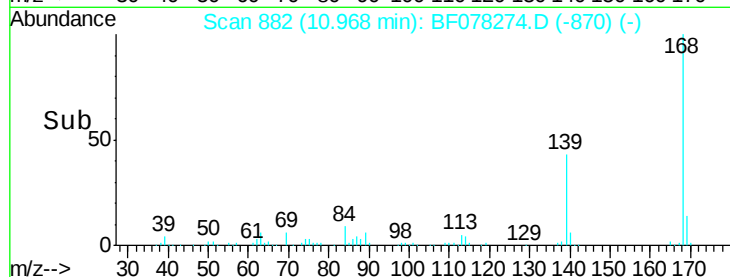
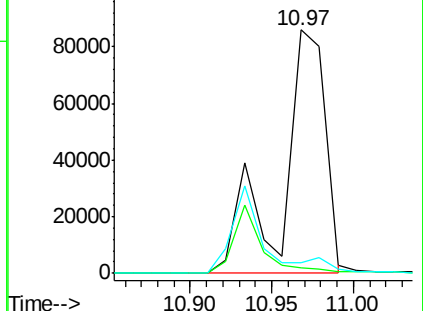
65 4.5 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.71 ng

RT: 10.98 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Tgt Ion:165 Resp: 75771

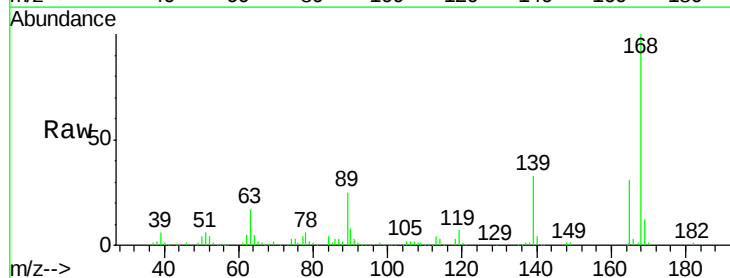
Ion Ratio Lower Upper

165 100

63 54.6 26.5 39.7#

89 82.1 46.4 69.6#

182 2.4 2.0 3.0

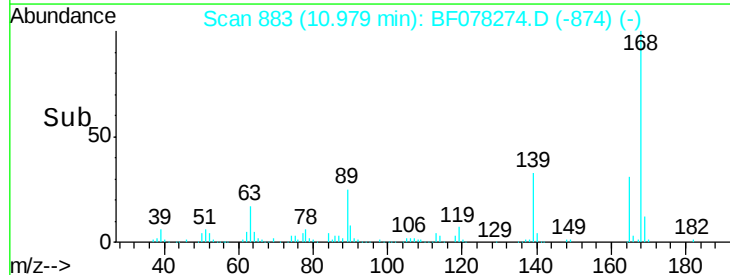
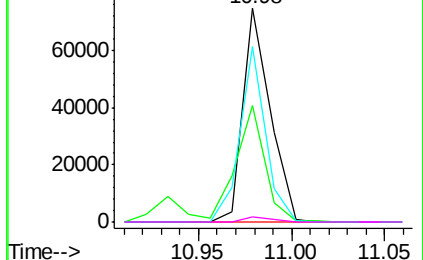


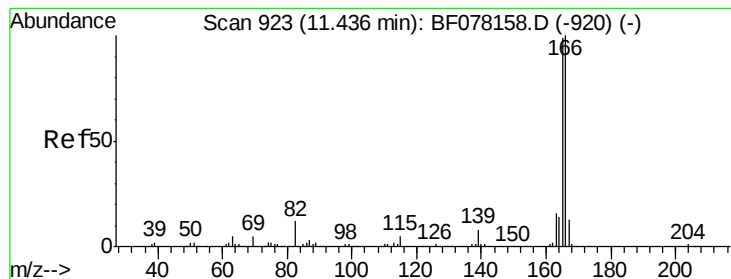
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.10 ng

RT: 11.40 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

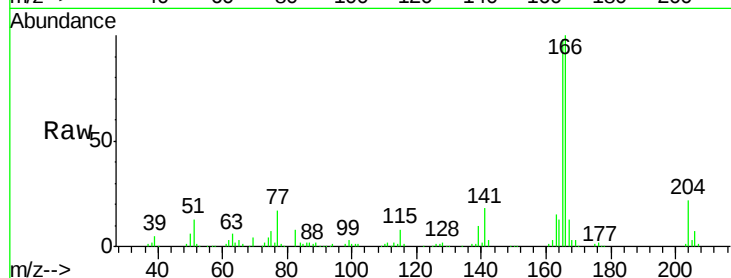
Tgt Ion:166 Resp: 264113

Ion Ratio Lower Upper

166 100

165 97.8 78.9 118.3

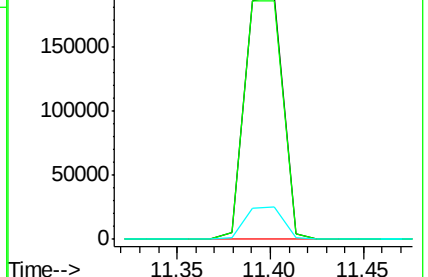
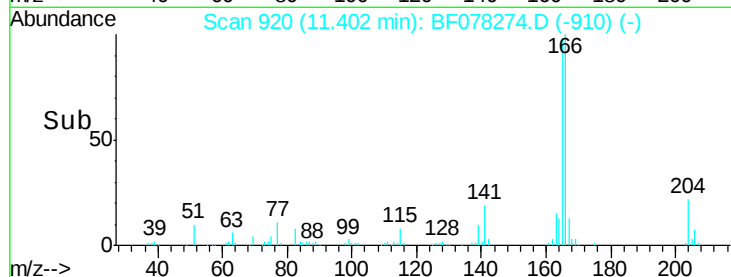
167 13.2 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.72 ng

RT: 11.14 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Tgt Ion:232 Resp: 57302

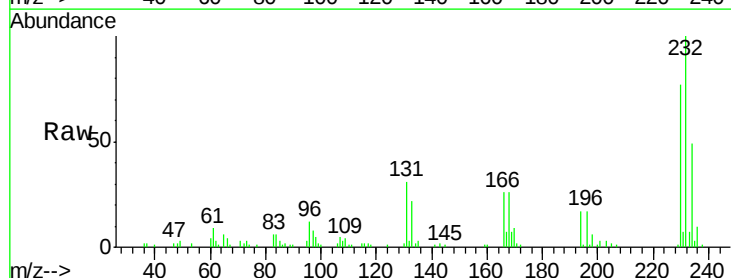
Ion Ratio Lower Upper

232 100

131 47.0 37.8 56.8

130 2.3 1.5 2.3#

166 32.9 25.8 38.6

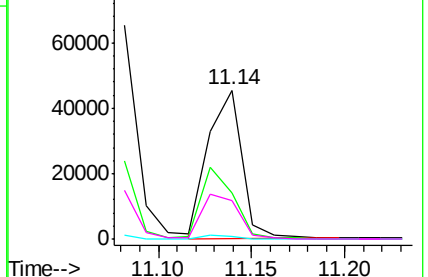
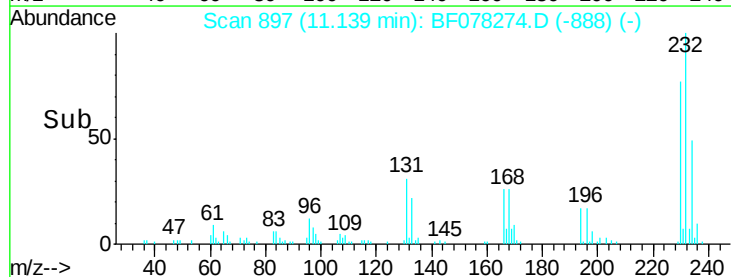


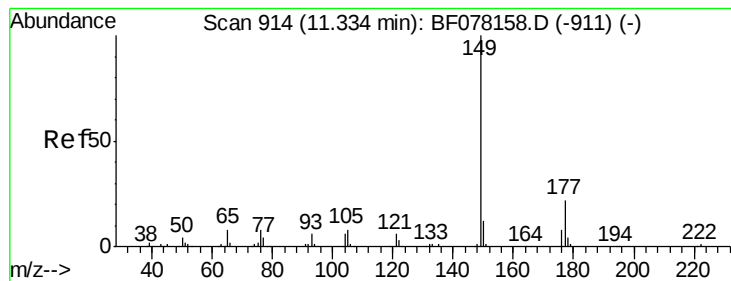
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.67 ng

RT: 11.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

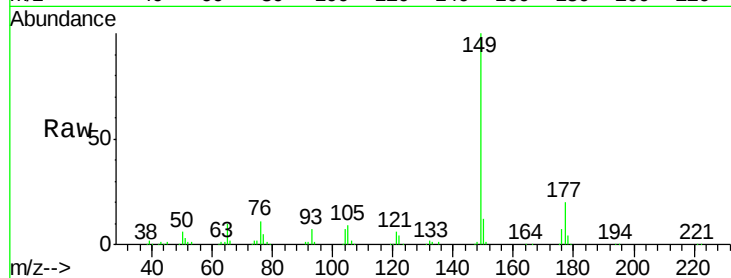
Tgt Ion:149 Resp: 261421

Ion Ratio Lower Upper

149 100

177 20.0 17.4 26.2

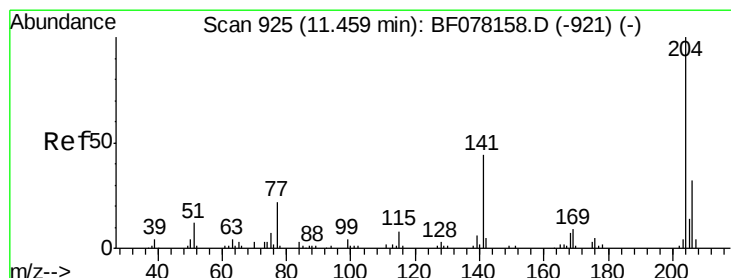
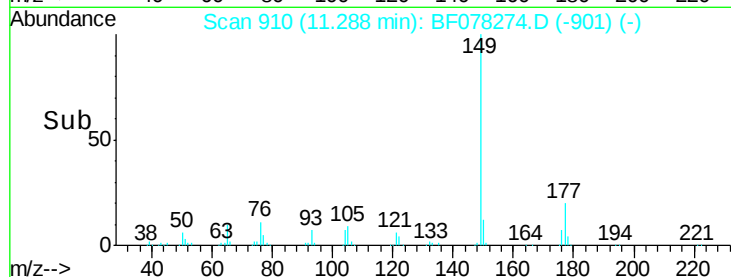
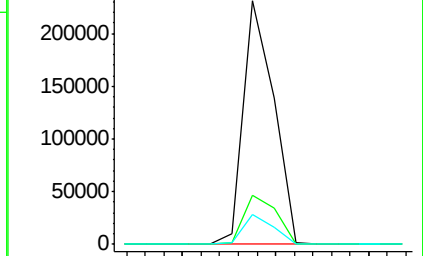
150 12.3 9.4 14.2



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: 42.33 ng

RT: 11.41 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

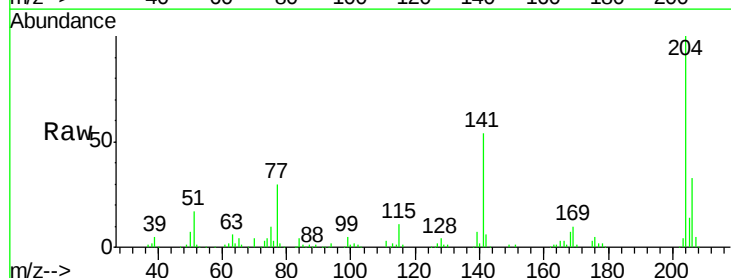
Tgt Ion:204 Resp: 122151

Ion Ratio Lower Upper

204 100

206 33.1 25.6 38.4

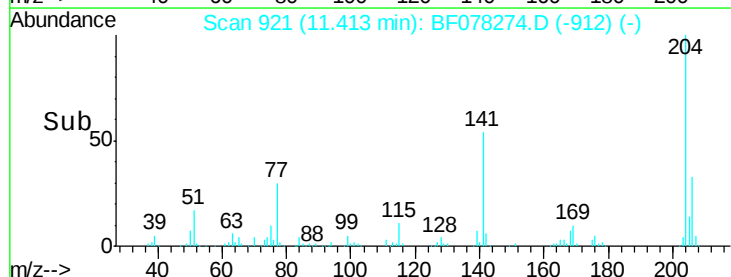
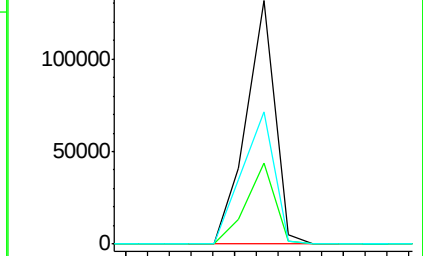
141 54.1 35.4 53.0#

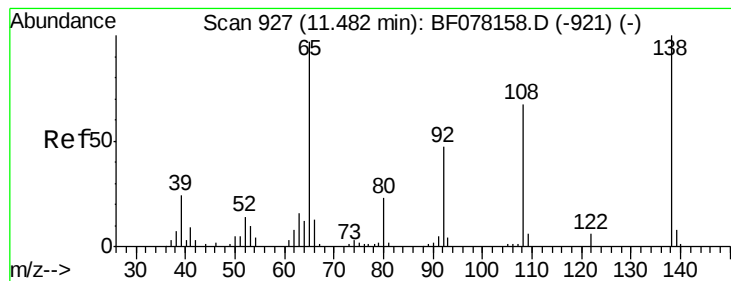


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.97 ng

RT: 11.45 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

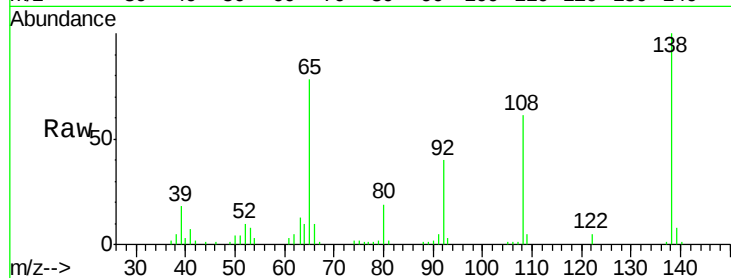
Tgt Ion:138 Resp: 67651

Ion Ratio Lower Upper

138 100

92 40.4 27.3 67.3

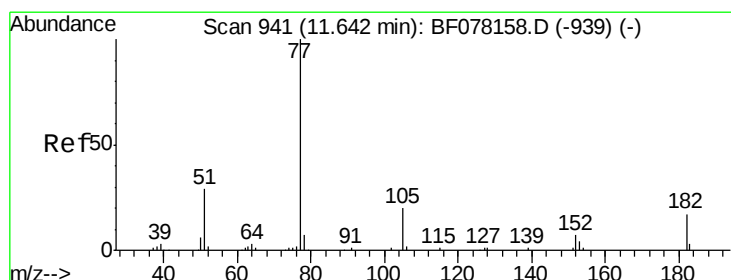
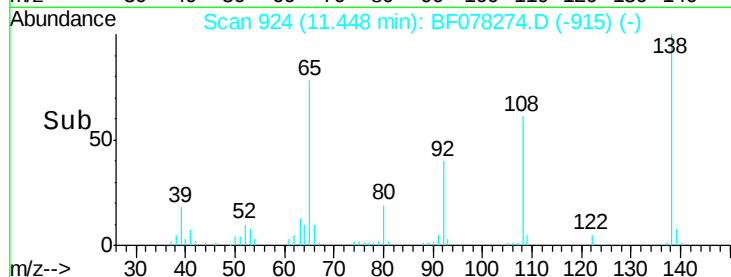
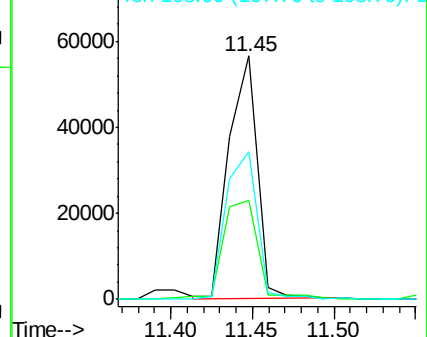
108 60.8 47.2 87.2



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: 46.31 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Tgt Ion: 77 Resp: 265141

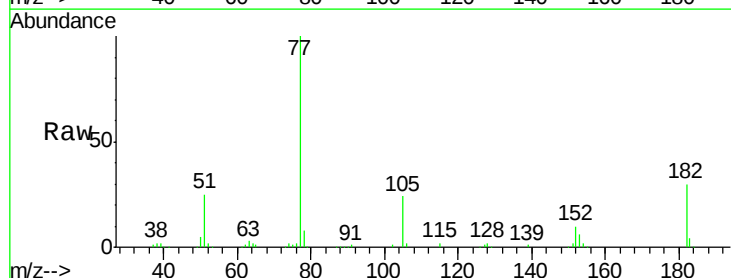
Ion Ratio Lower Upper

77 100

182 29.5 0.0 36.8

105 24.0 0.3 40.3

51 25.4 9.1 49.1

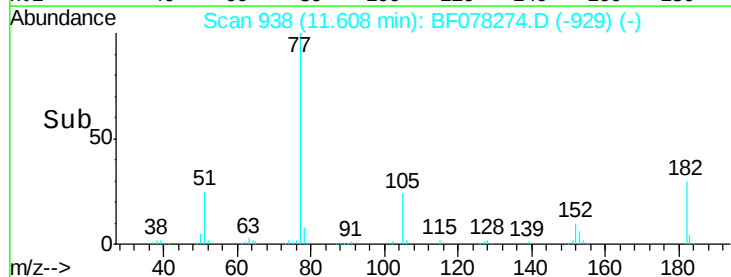
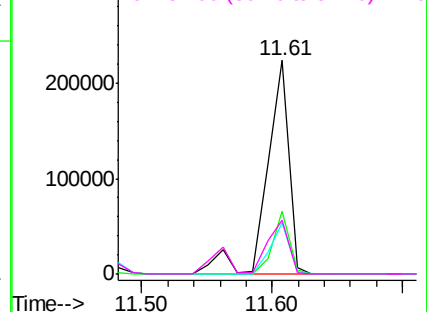


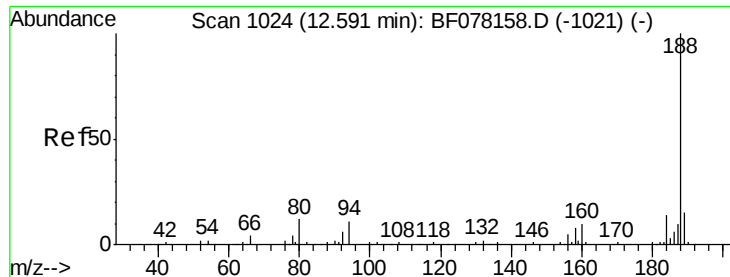
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

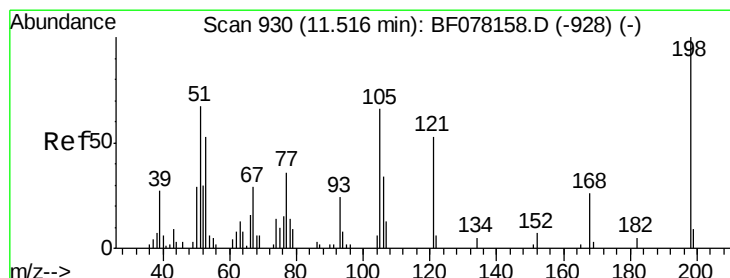
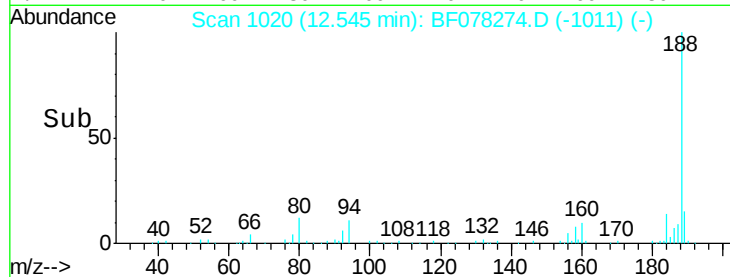
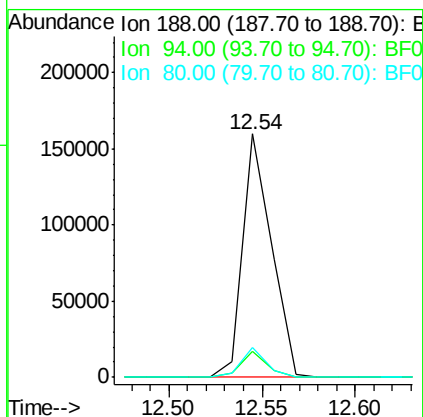
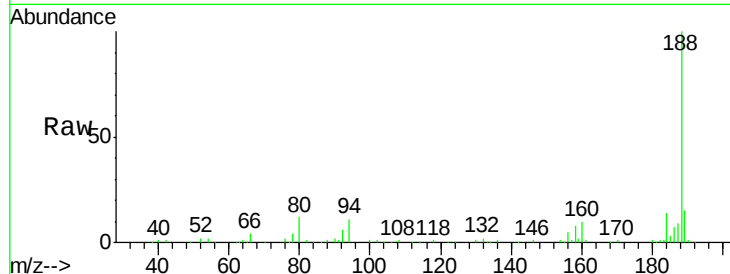




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.54 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

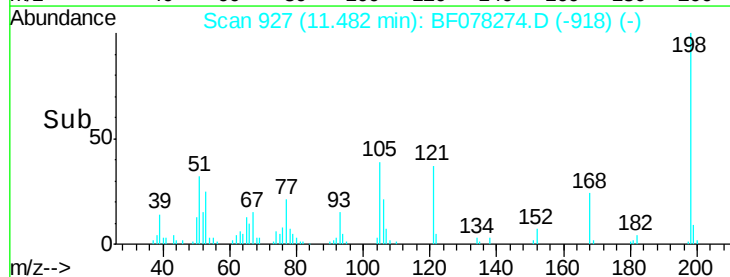
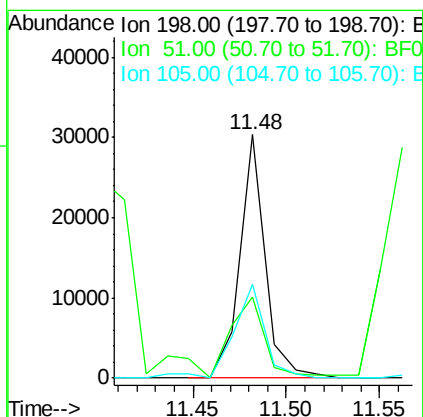
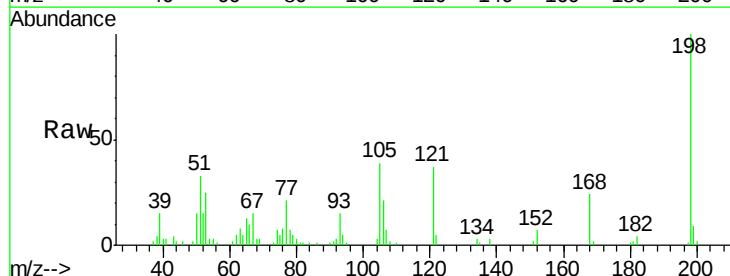
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:188 Resp: 171513  
 Ion Ratio Lower Upper  
 188 100  
 94 10.7 9.0 13.4  
 80 12.2 9.5 14.3



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.30 ng  
 RT: 11.48 min Scan# 927  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:198 Resp: 28748  
 Ion Ratio Lower Upper  
 198 100  
 51 33.4 48.6 88.6#  
 105 38.7 45.8 85.8#

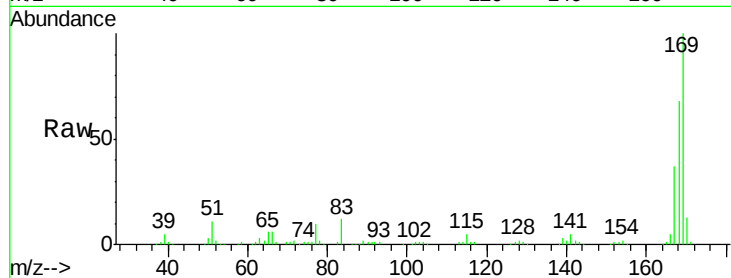




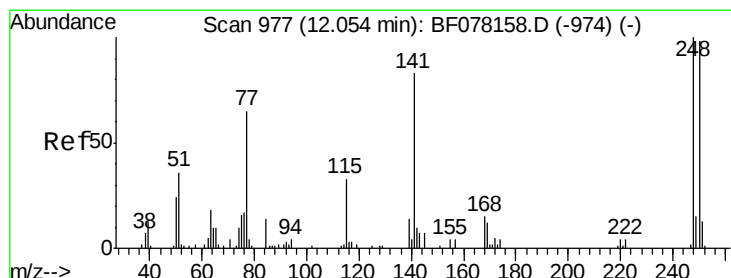
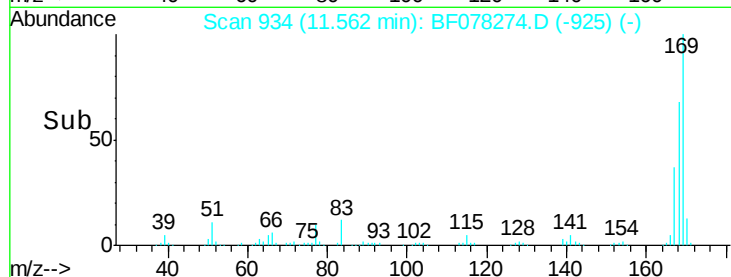
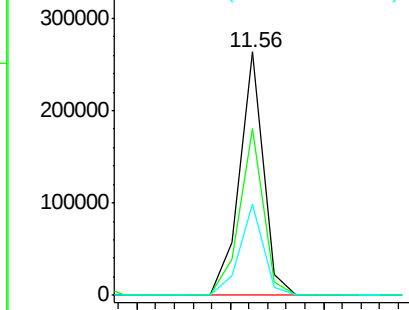
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.87 ng  
 RT: 11.56 min Scan# 934  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:169 Resp: 236564  
 Ion Ratio Lower Upper  
 169 100  
 168 68.4 55.0 82.4  
 167 37.3 29.3 43.9

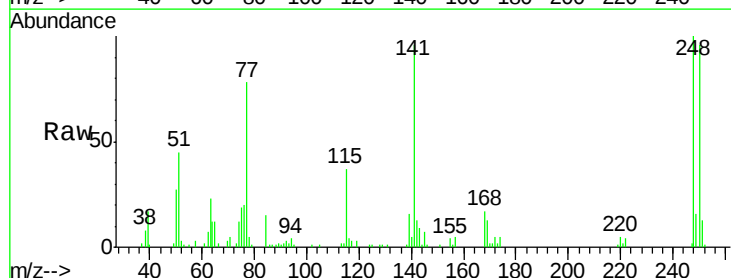


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

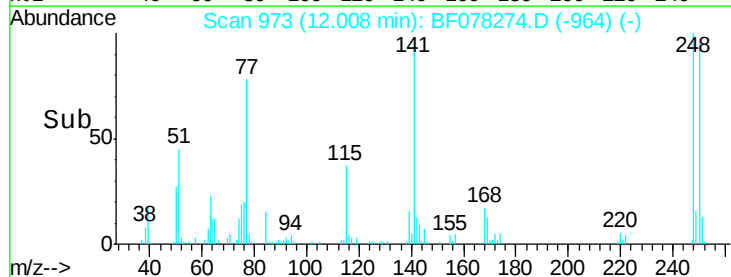
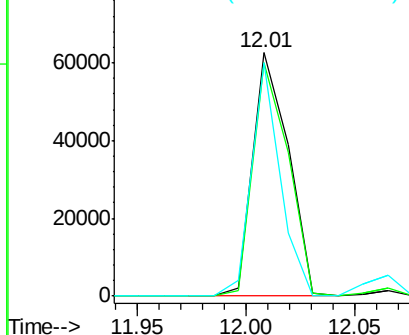


#66  
 4-Bromophenyl-phenylether  
 Concen: 39.33 ng  
 RT: 12.01 min Scan# 973  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:248 Resp: 71444  
 Ion Ratio Lower Upper  
 248 100  
 250 96.1 78.2 117.2  
 141 95.9 66.4 99.6



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





#67

Hexachlorobenzene

Concen: 38.90 ng

RT: 12.06 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

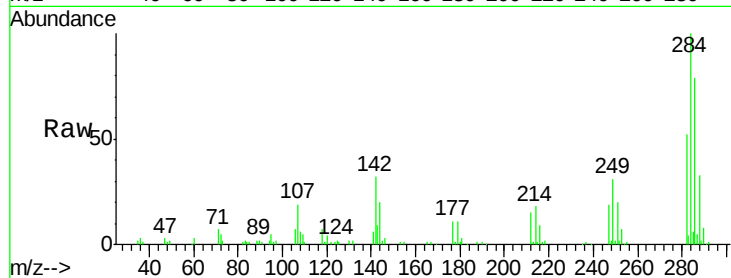
Tgt Ion:284 Resp: 77432

Ion Ratio Lower Upper

284 100

142 31.6 24.5 36.7

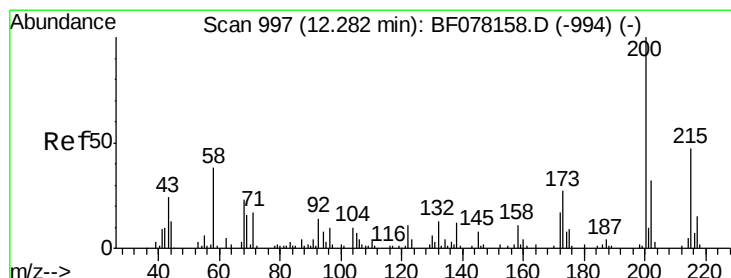
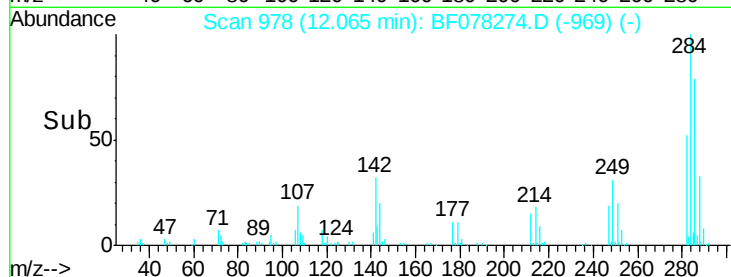
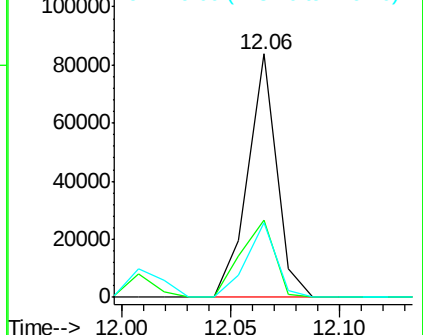
249 30.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.71 ng

RT: 12.24 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

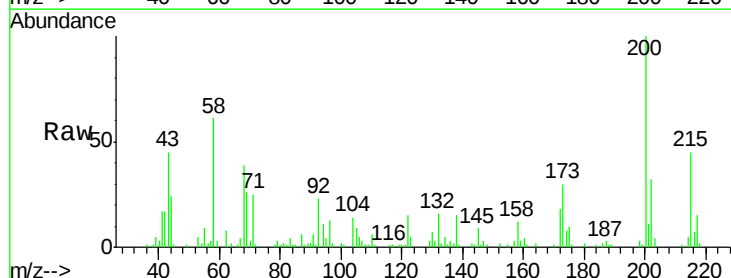
Tgt Ion:200 Resp: 66521

Ion Ratio Lower Upper

200 100

173 29.9 6.9 46.9

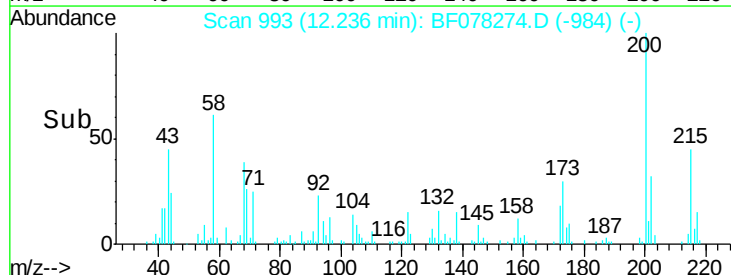
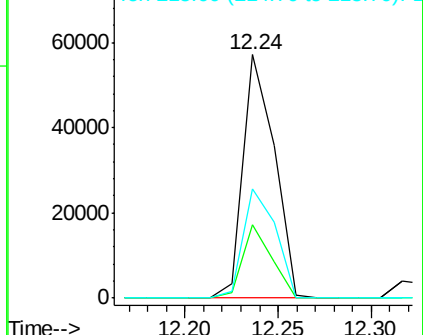
215 44.7 27.1 67.1



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

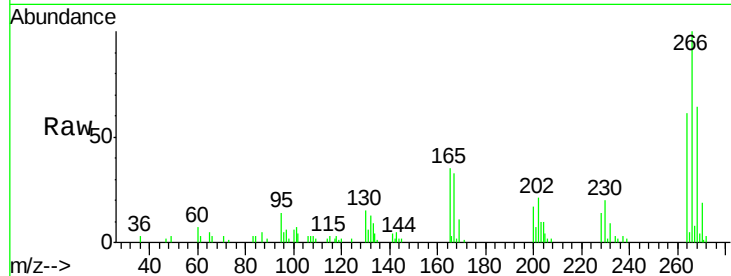




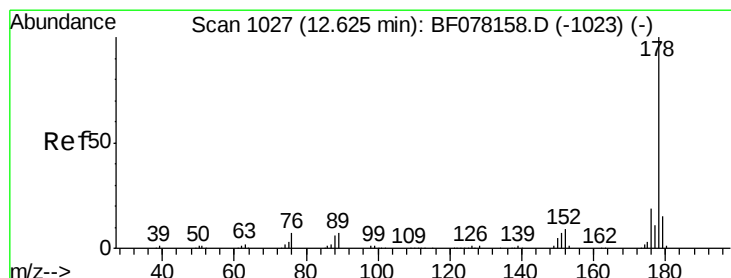
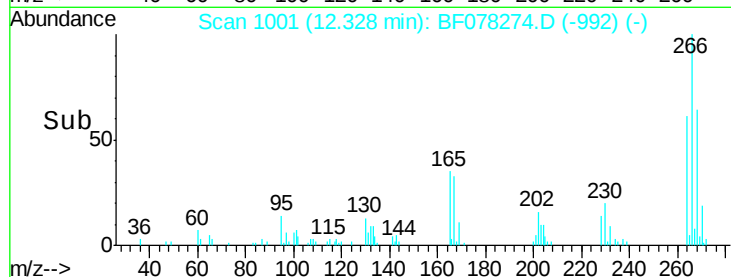
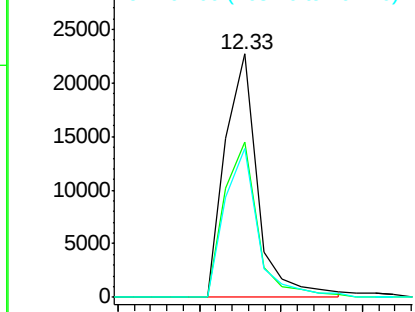
#69  
 Pentachlorophenol  
 Concen: 39.96 ng  
 RT: 12.33 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 266 Resp: 31472  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 50.1 75.1  
 264 61.2 50.0 75.0

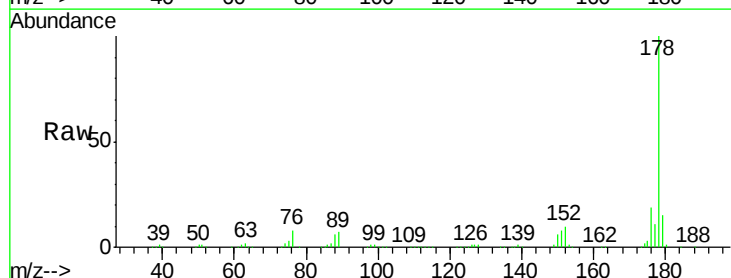


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

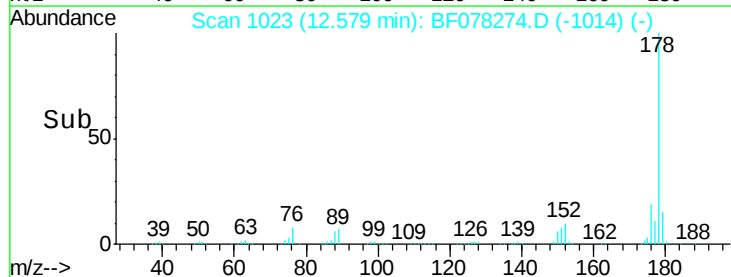
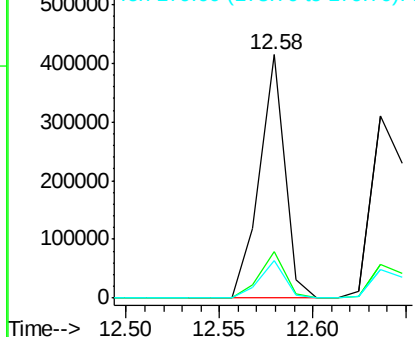


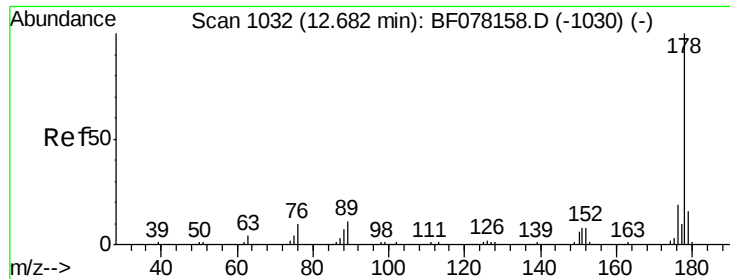
#70  
 Phenanthrene  
 Concen: 39.19 ng  
 RT: 12.58 min Scan# 1023  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion: 178 Resp: 388857  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.4 23.0  
 179 15.4 12.2 18.2



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

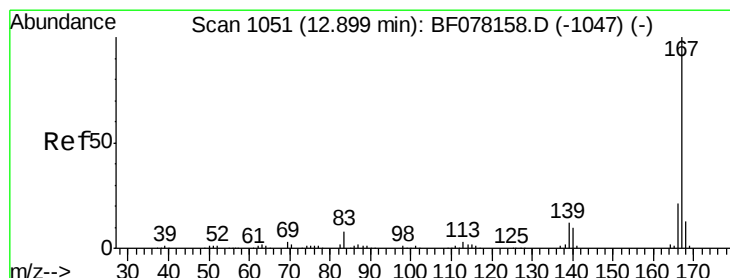
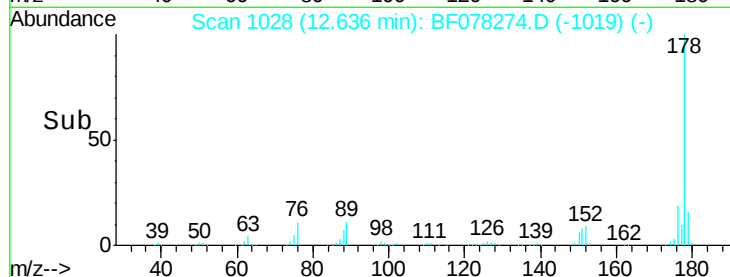
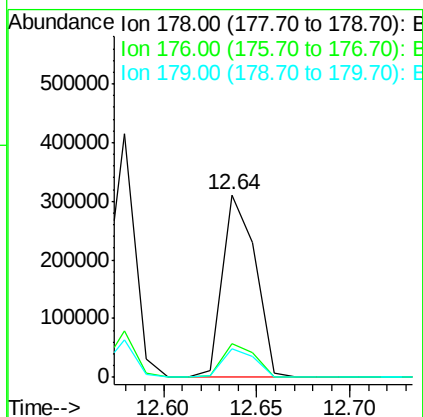
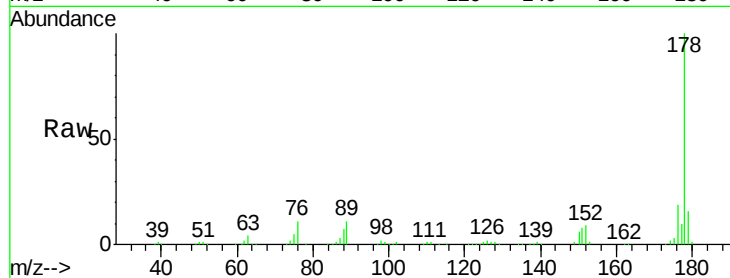




#71  
 Anthracene  
 Concen: 39.27 ng  
 RT: 12.64 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

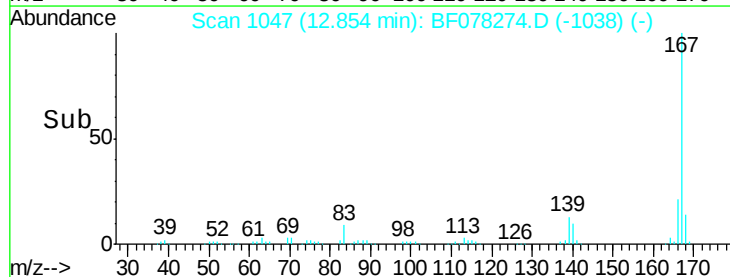
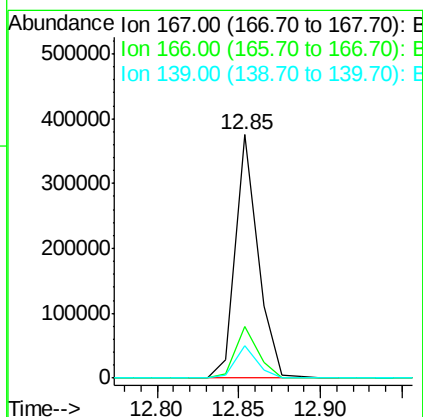
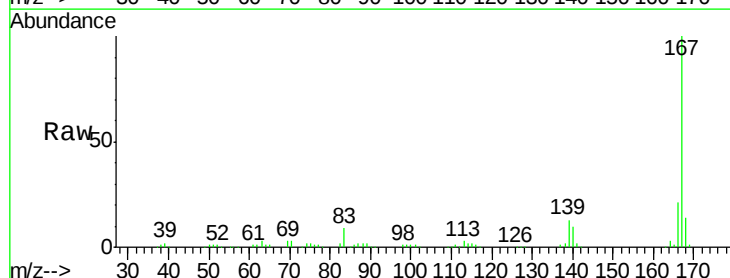
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 383893  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 14.8 22.2  
 179 15.6 12.4 18.6



#72  
 Carbazole  
 Concen: 39.16 ng  
 RT: 12.85 min Scan# 1047  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:167 Resp: 358830  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 16.8 25.2  
 139 13.1 10.0 15.0

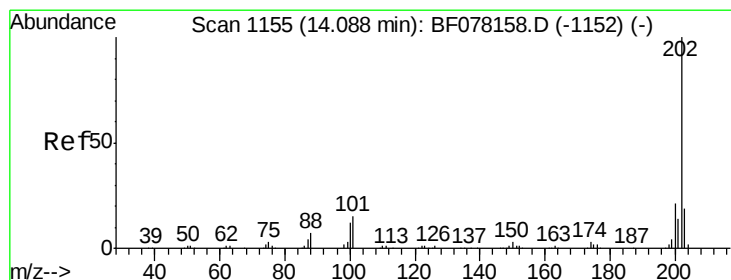
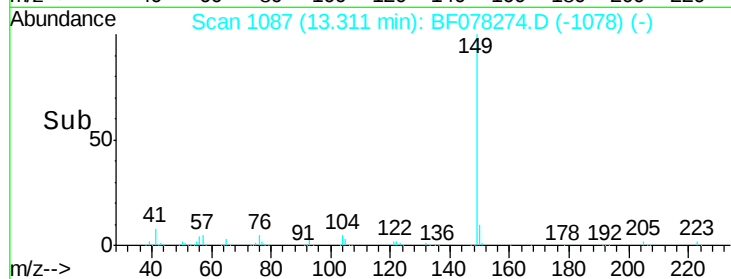
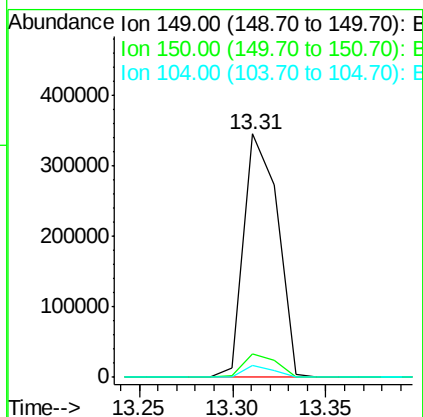
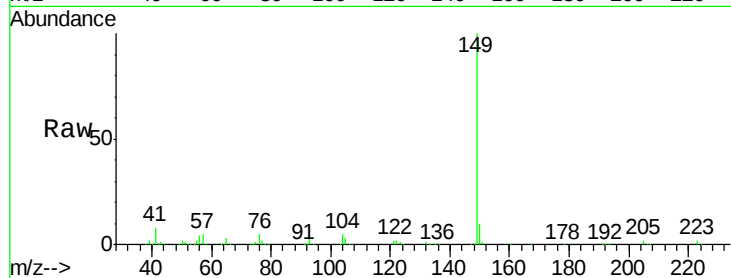




#73  
Di-n-butylphthalate  
Concen: 42.03 ng  
RT: 13.31 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

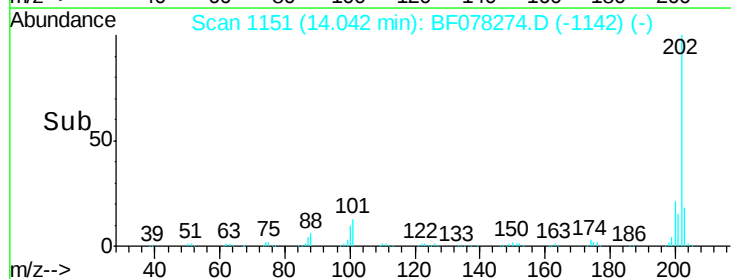
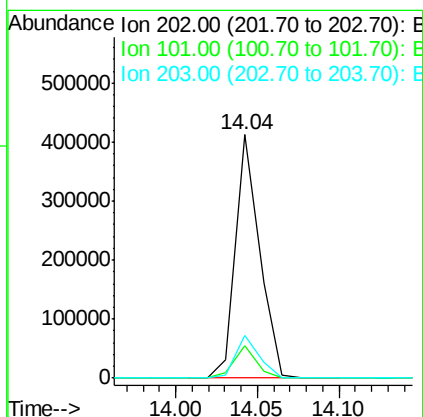
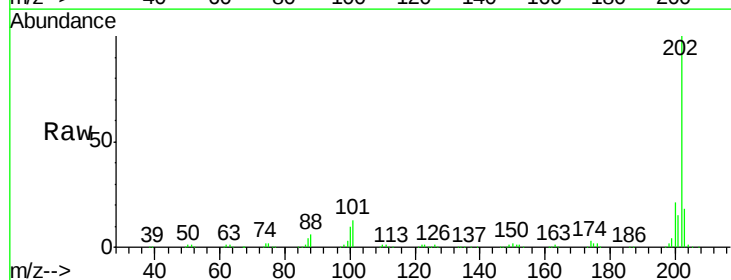
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

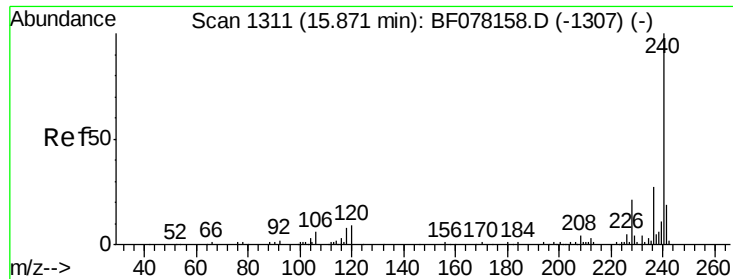
Tgt Ion:149 Resp: 436245  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.1 10.7  
104 5.1 3.8 5.6



#74  
Fluoranthene  
Concen: 40.20 ng  
RT: 14.04 min Scan# 1151  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion:202 Resp: 420560  
Ion Ratio Lower Upper  
202 100  
101 13.4 0.0 35.2  
203 17.6 0.0 38.5

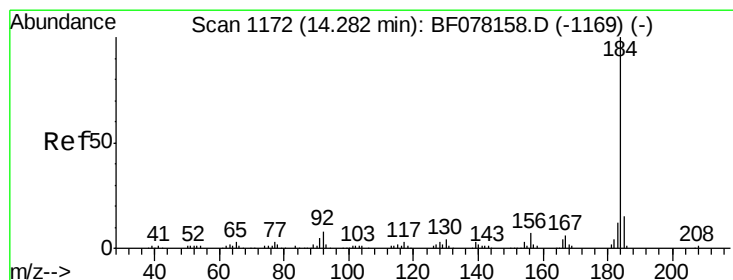
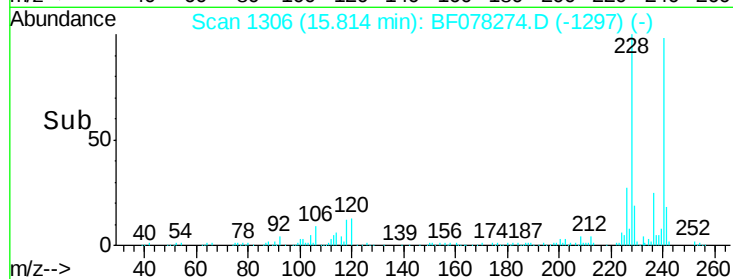
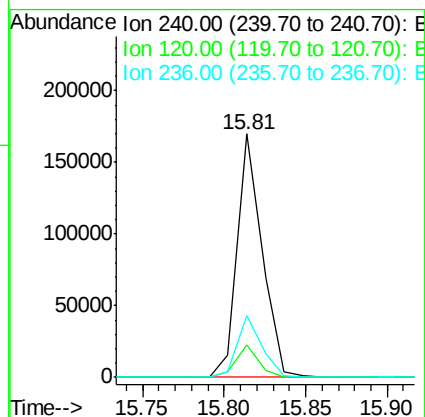
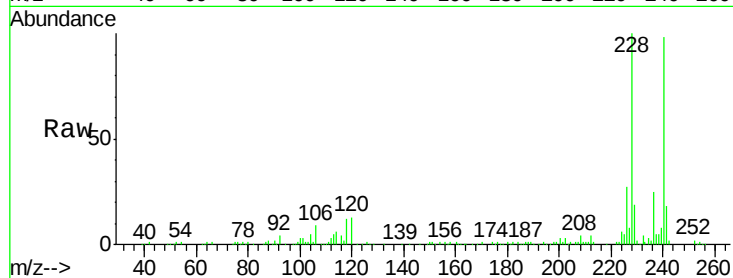




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.81 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

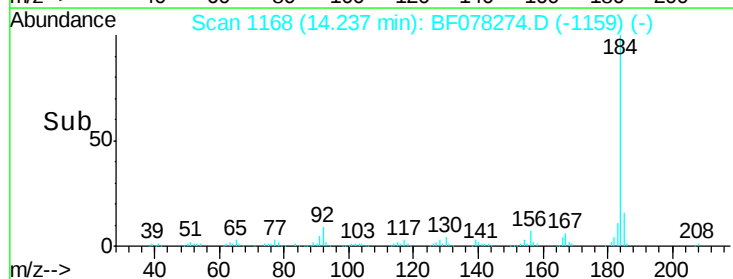
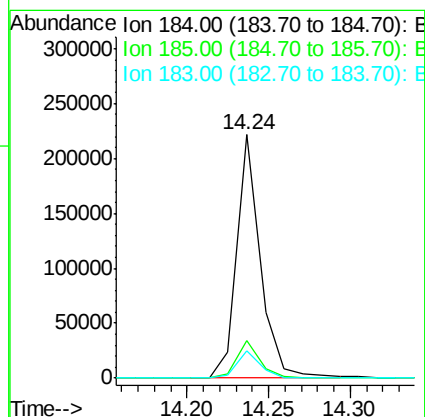
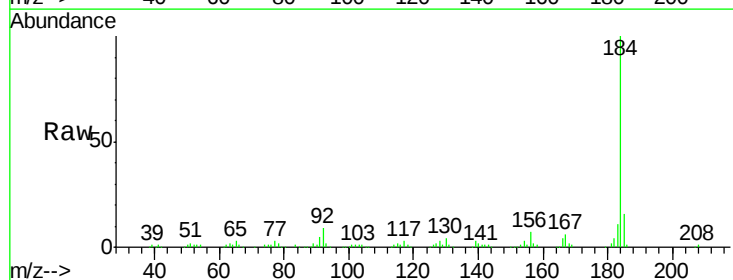
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

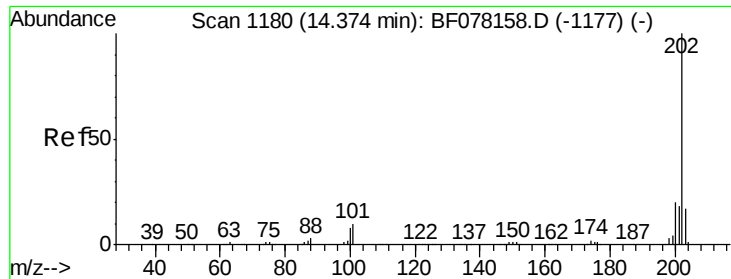
Tgt Ion:240 Resp: 179502  
Ion Ratio Lower Upper  
240 100  
120 13.5 7.1 10.7#  
236 25.4 21.4 32.2



#76  
Benzidine  
Concen: 32.06 ng  
RT: 14.24 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion:184 Resp: 221619  
Ion Ratio Lower Upper  
184 100  
185 15.5 12.2 18.2  
183 11.3 9.5 14.3

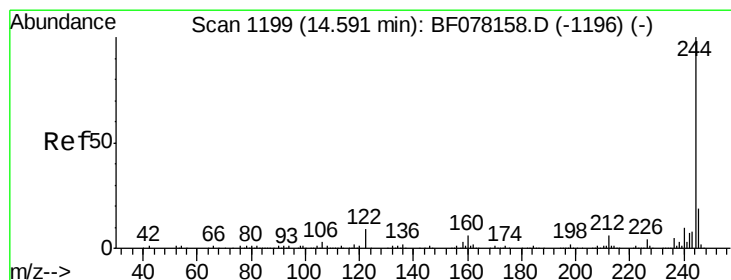
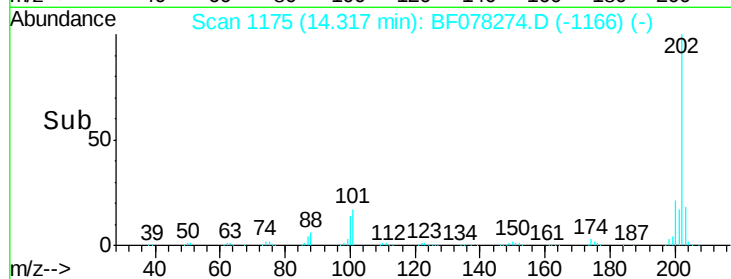
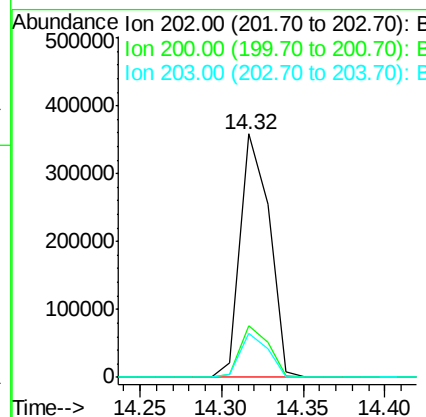
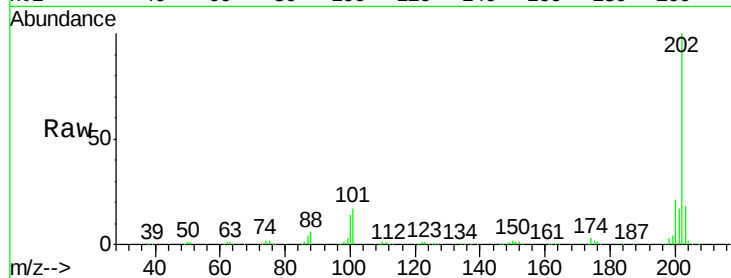




#77  
 Pyrene  
 Concen: 39.22 ng  
 RT: 14.32 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

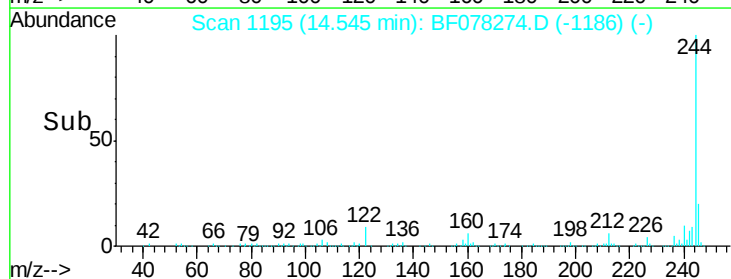
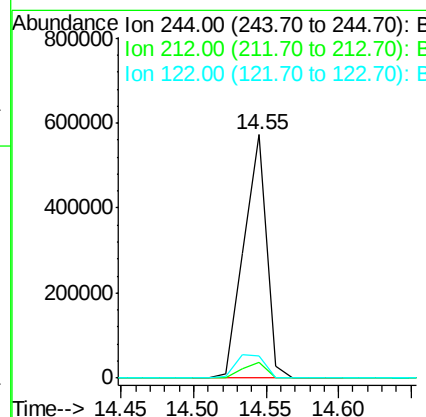
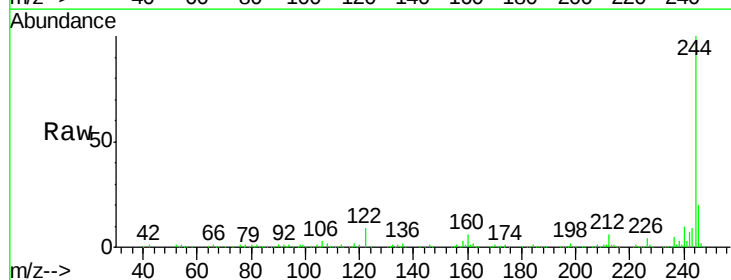
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 16.3  | 24.5  |
| 203     | 18.0  | 13.8  | 20.6  |



#78  
 Terphenyl-d14  
 Concen: 78.25 ng  
 RT: 14.55 min Scan# 1195  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.4   | 5.0   | 7.4   |
| 122     | 9.0   | 7.1   | 10.7  |

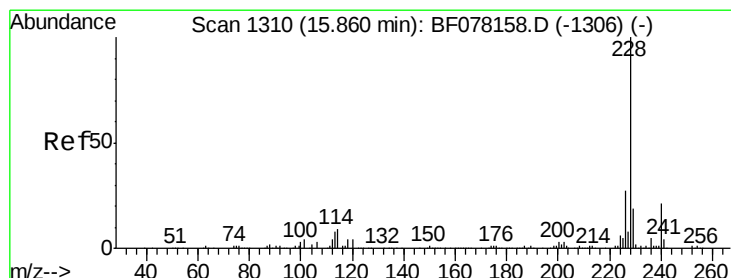
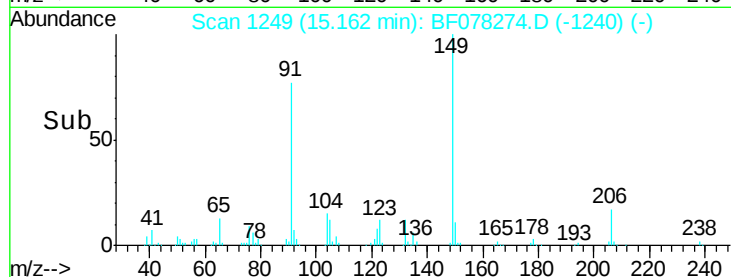
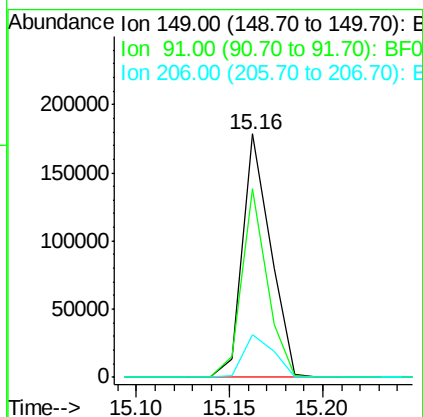
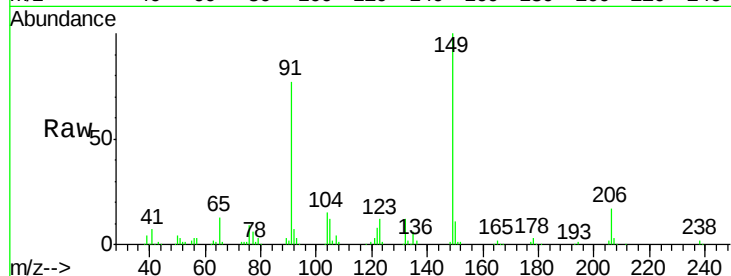




#79  
Butylbenzylphthalate  
Concen: 43.72 ng  
RT: 15.16 min Scan# 1249  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

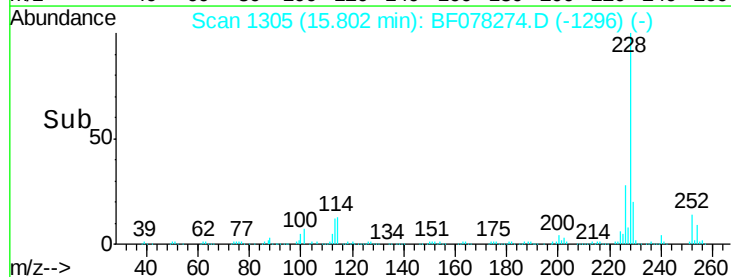
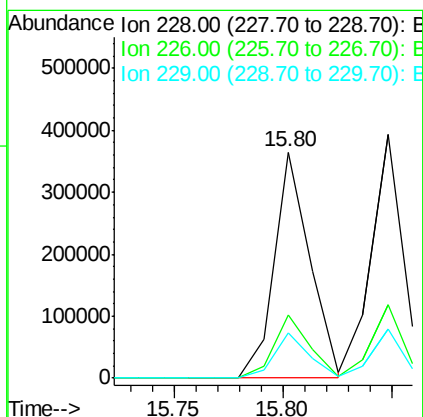
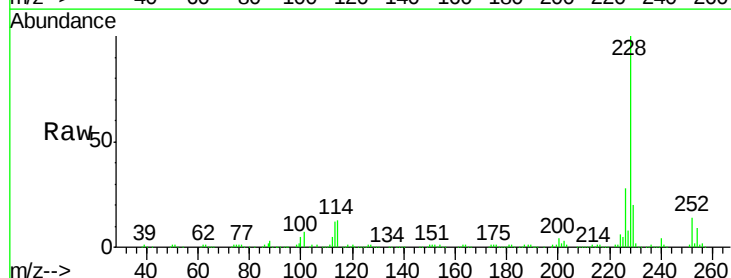
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

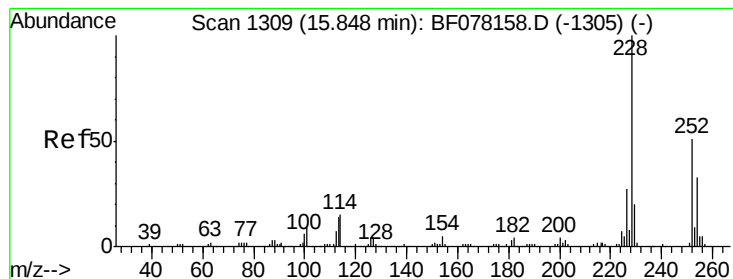
Tgt Ion:149 Resp: 187767  
Ion Ratio Lower Upper  
149 100  
91 77.2 64.2 96.2  
206 17.3 12.6 18.8



#80  
Benzo(a)anthracene  
Concen: 39.19 ng  
RT: 15.80 min Scan# 1305  
Delta R.T. -0.00 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion:228 Resp: 418596  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.3 31.9  
229 20.1 15.4 23.2

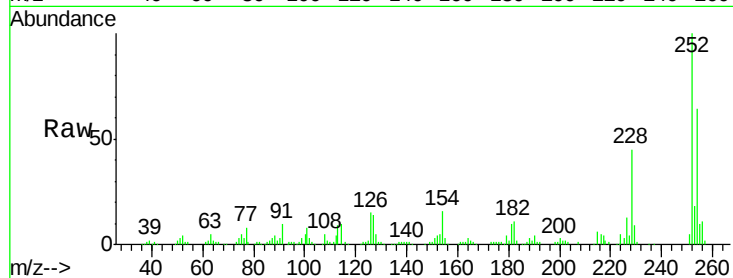




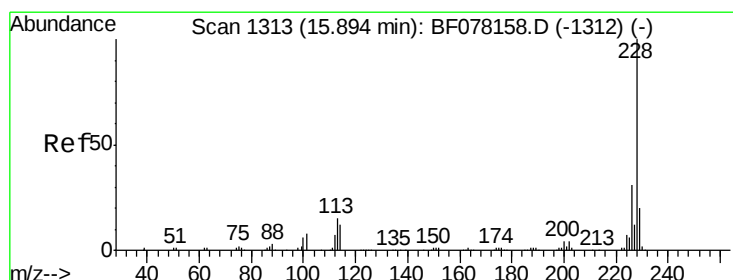
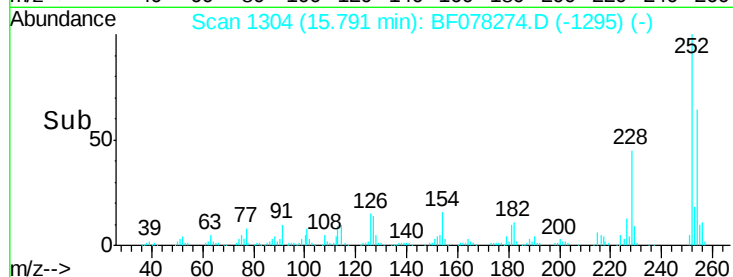
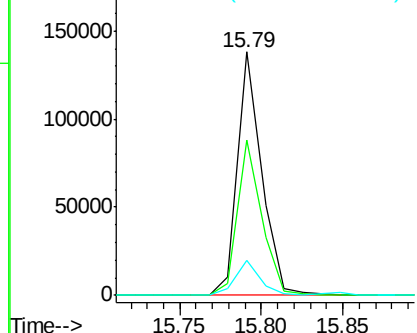
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.54 ng  
 RT: 15.79 min Scan# 1304  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 252 Resp: 141448  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 51.2 76.8  
 126 14.5 6.3 9.5#

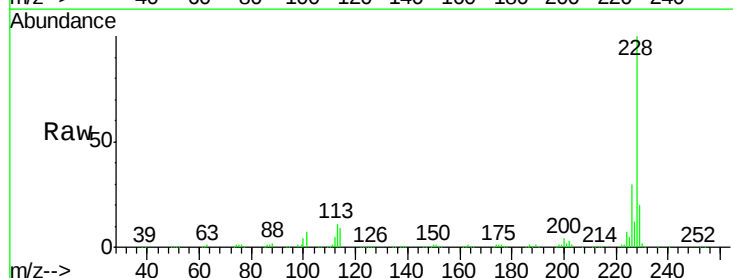


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

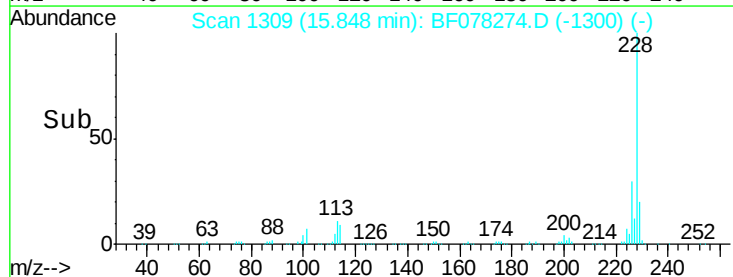
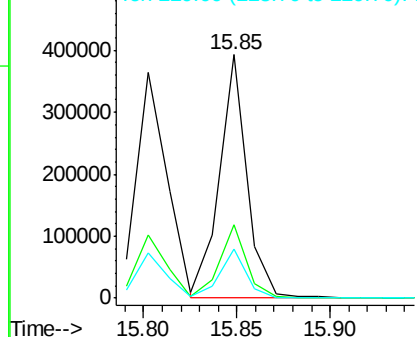


#82  
 Chrysene  
 Concen: 40.00 ng  
 RT: 15.85 min Scan# 1309  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion: 228 Resp: 401392  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 24.2 36.4  
 229 19.9 15.8 23.8



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

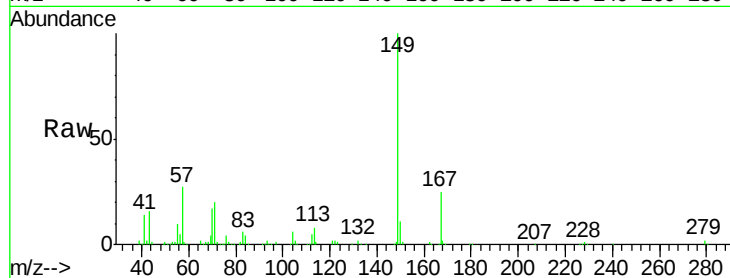




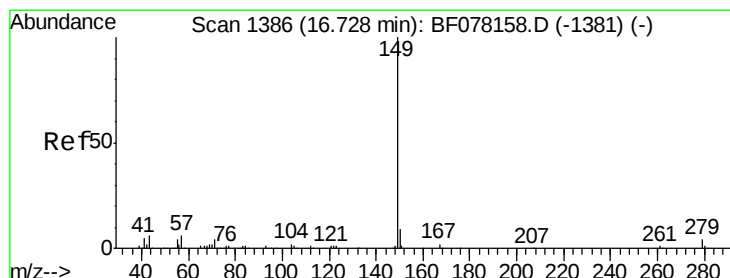
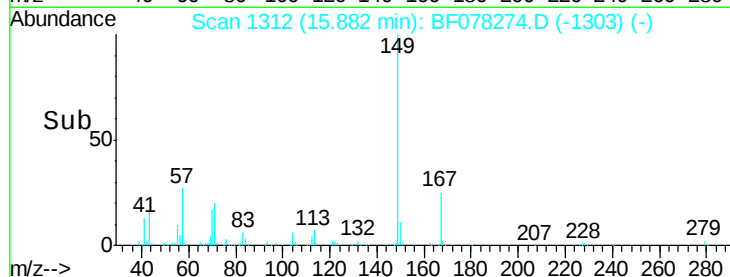
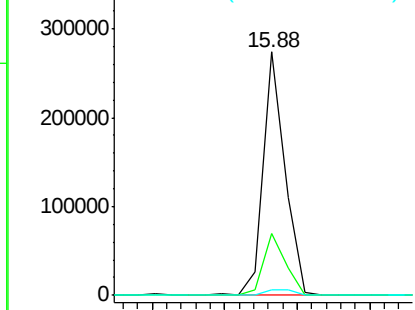
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.48 ng  
 RT: 15.88 min Scan# 1312  
 Delta R.T. -0.00 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:149 Resp: 286155  
 Ion Ratio Lower Upper  
 149 100  
 167 25.5 22.2 33.2  
 279 2.4 3.2 4.8#

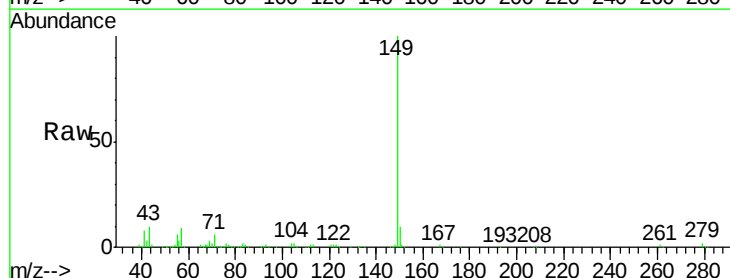


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

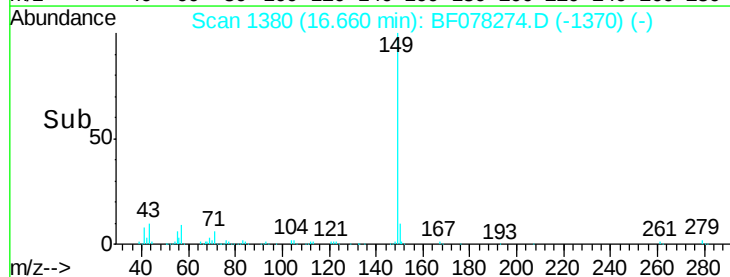
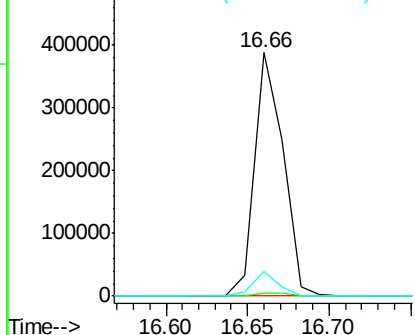


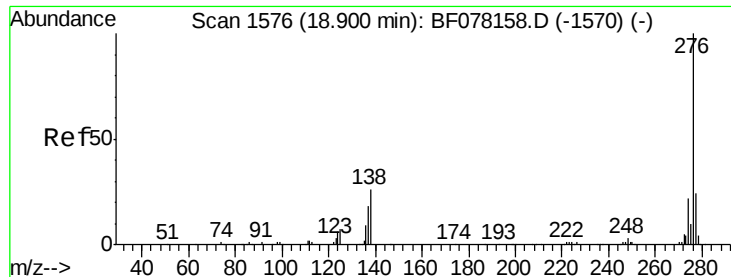
#84  
 Di-n-octyl phthalate  
 Concen: 42.82 ng  
 RT: 16.66 min Scan# 1380  
 Delta R.T. 0.01 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion:149 Resp: 473629  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 0.0 0.0#  
 43 9.3 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

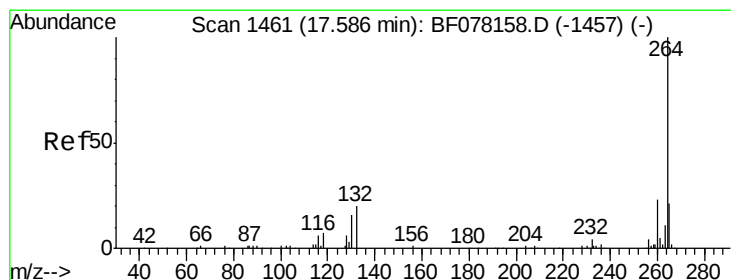
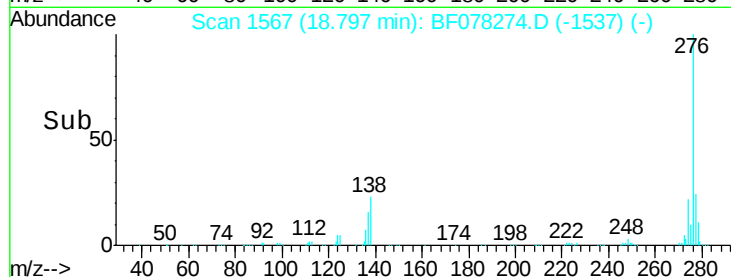
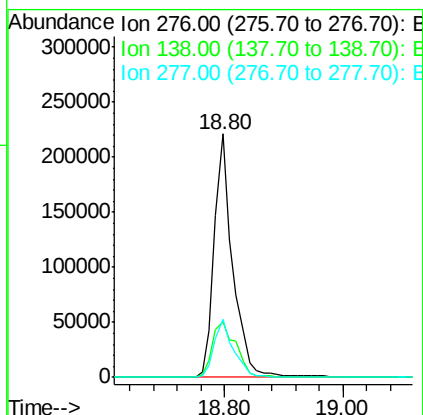
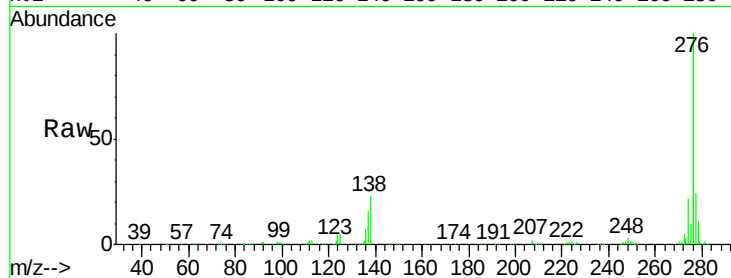




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.95 ng  
 RT: 18.80 min Scan# 1567  
 Delta R.T. 0.05 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

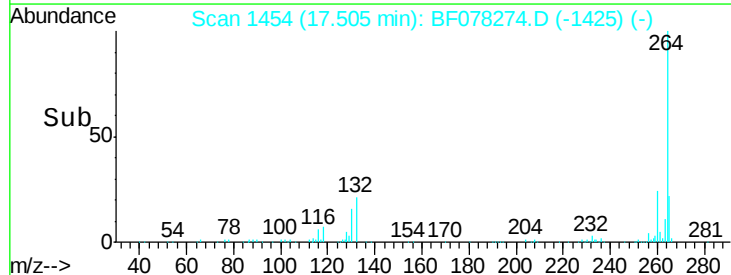
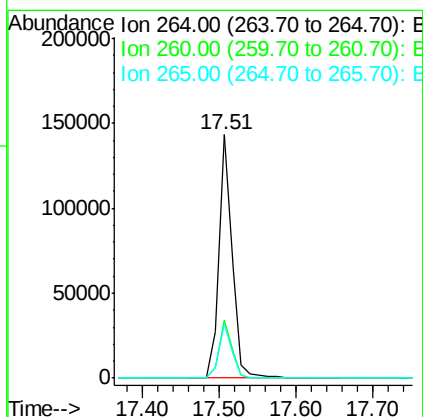
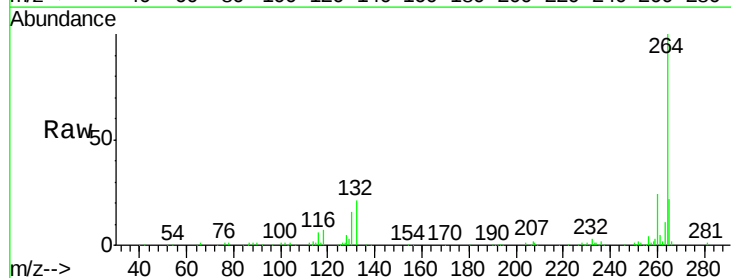
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 276 Resp: 477687  
 Ion Ratio Lower Upper  
 276 100  
 138 29.2 16.9 25.3#  
 277 25.0 15.8 23.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.51 min Scan# 1454  
 Delta R.T. 0.03 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Tgt Ion: 264 Resp: 172635  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.6 27.8  
 265 22.3 17.0 25.6

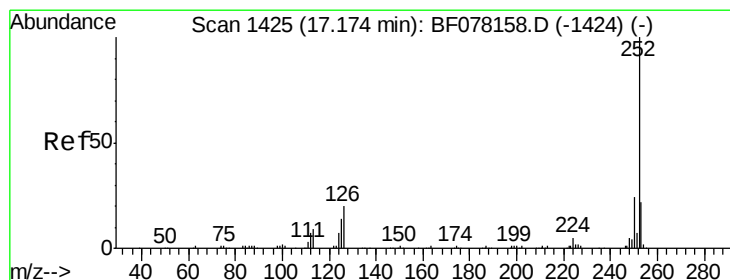
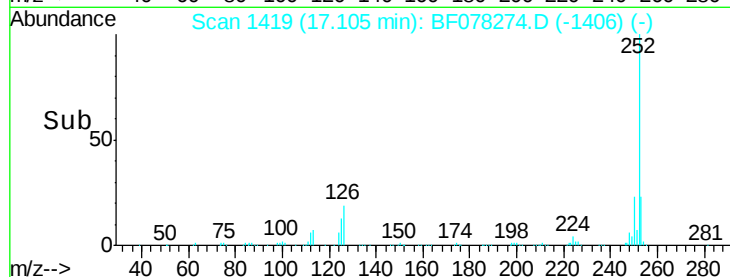
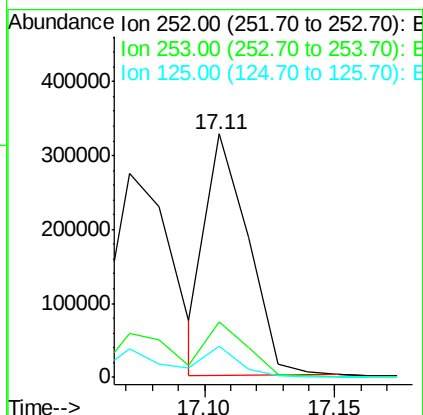
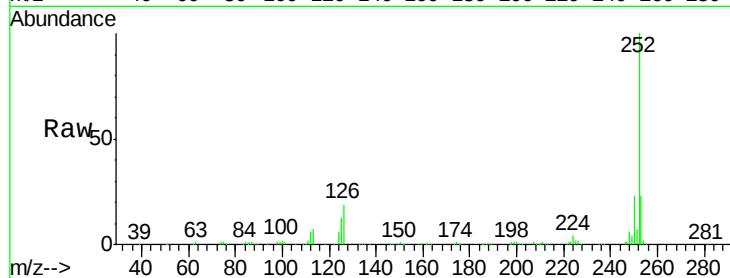




#87  
Benzo(b)fluoranthene  
Concen: 34.14 ng  
RT: 17.11 min Scan# 1419  
Delta R.T. 0.05 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

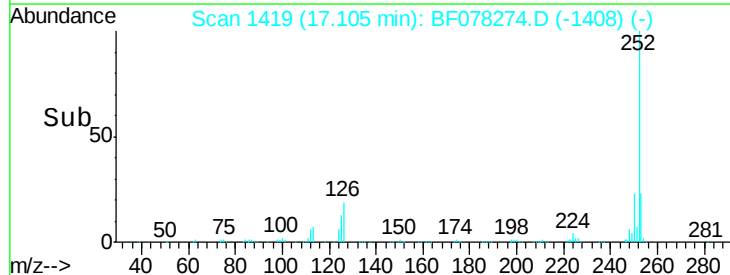
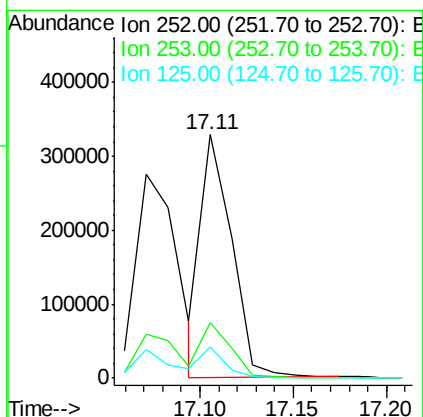
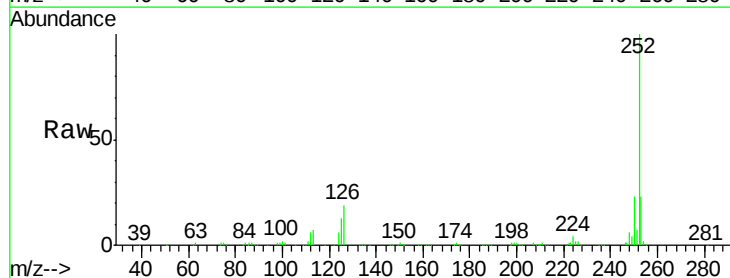
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

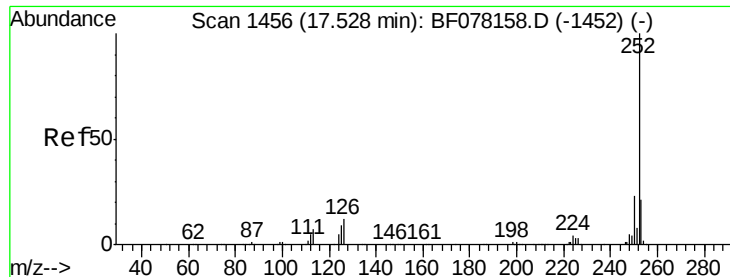
Tgt Ion:252 Resp: 364285  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.2 25.8  
125 12.6 7.0 10.4#



#88  
Benzo(k)fluoranthene  
Concen: 39.24 ng  
RT: 17.11 min Scan# 1419  
Delta R.T. 0.02 min  
Lab File: BF078274.D  
Acq: 7 Apr 2015 00:48

Tgt Ion:252 Resp: 372035  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.5 26.3  
125 12.6 11.6 17.4





#89

Benzo(a)pyrene

Concen: 42.38 ng

RT: 17.45 min Scan# 1449

Delta R.T. 0.03 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

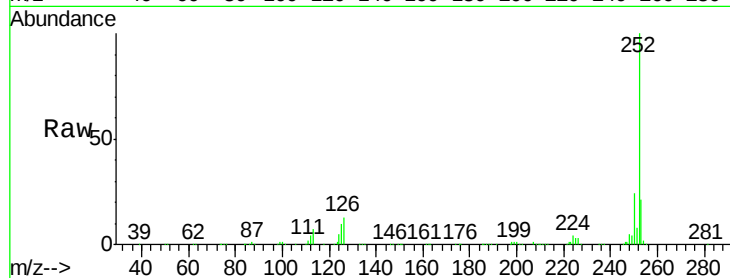
Tgt Ion:252 Resp: 394625

Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

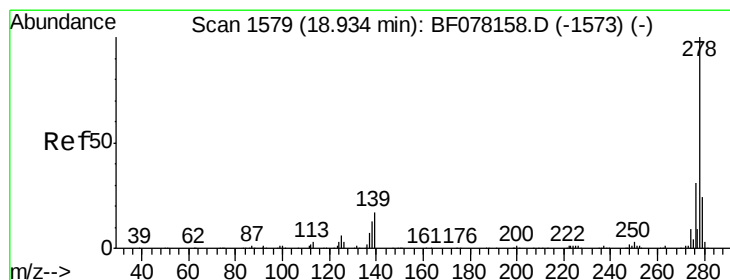
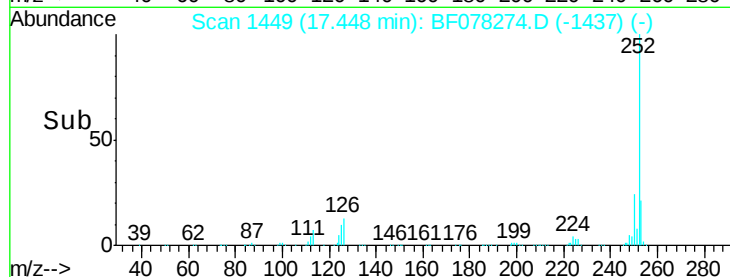
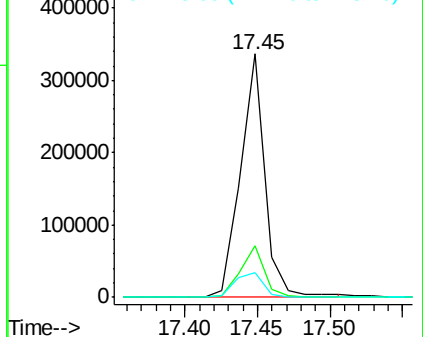
125 10.1 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.53 ng

RT: 18.82 min Scan# 1569

Delta R.T. 0.05 min

Lab File: BF078274.D

Acq: 7 Apr 2015 00:48

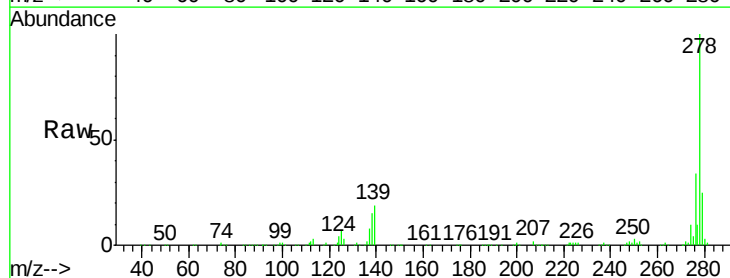
Tgt Ion:278 Resp: 377873

Ion Ratio Lower Upper

278 100

139 19.1 13.6 20.4

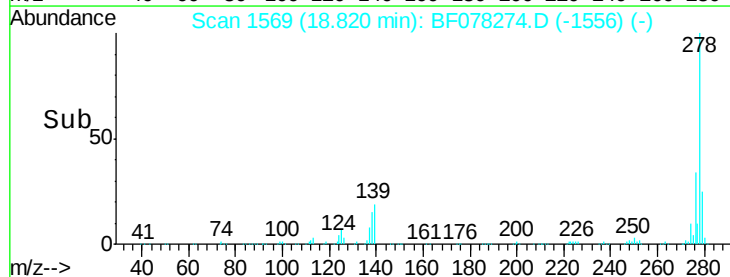
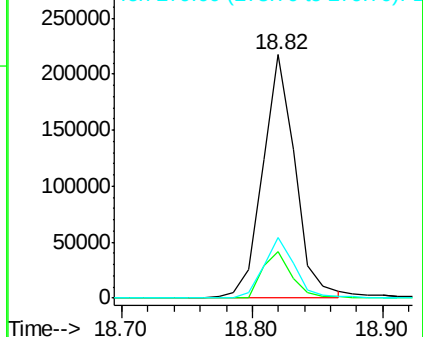
279 24.8 19.0 28.6

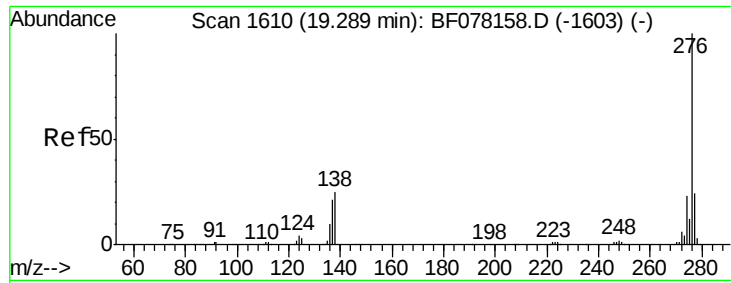


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 40.64 ng  
 RT: 19.17 min Scan# 1600  
 Delta R.T. 0.05 min  
 Lab File: BF078274.D  
 Acq: 7 Apr 2015 00:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 379892 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.3  | 19.0  | 28.4   |
| 138      | 21.5  | 19.9  | 29.9   |

