

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\  
 Data File : BF079742.D  
 Acq On : 5 Jun 2015 21:47  
 Operator : TP/IZ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Jun 06 10:36:23 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 19:33:57 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 218087   | 20.00 | ng    | 0.15     |
| 21) Naphthalene-d8        | 0.00  | 136  | 0        | 0.00  | ng    | -8.80    |
| 38) Acenaphthene-d10      | 10.56 | 164  | 100822   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 12.08 | 188  | 212132   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 15.11 | 240  | 220952   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 17.07 | 264  | 220146   | 20.00 | ng    | -0.09    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 6.10  | 112 | 290378 | 22.83  | ng | -0.02 |
| 7) Phenol-d6                | 7.08  | 99  | 392252 | 23.69  | ng | -0.01 |
| 23) Nitrobenzene-d5         | 8.04  | 82  | 335731 | 0.00   | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 11.36 | 330 | 103193 | 113.98 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.86  | 172 | 727581 | 104.48 | ng | -0.01 |
| 78) Terphenyl-d14           | 13.79 | 244 | 933922 | 99.58  | ng | -0.03 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.53  | 88  | 64082  | 11.15 | ng | 97     |
| 3) Pyridine                    | 4.26  | 79  | 192186 | 11.95 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 4.18  | 42  | 73781  | 9.80  | ng | 98     |
| 6) Aniline                     | 7.14  | 93  | 249540 | 10.83 | ng | 97     |
| 8) 2-Chlorophenol              | 7.27  | 128 | 156946 | 10.76 | ng | 89     |
| 9) Benzaldehyde                | 7.04  | 77  | 121796 | 11.70 | ng | 83     |
| 10) Phenol                     | 7.10  | 94  | 213404 | 12.43 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.20  | 93  | 152794 | 10.72 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.51  | 146 | 205638 | 12.40 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.67  | 146 | 196825 | 11.12 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.67  | 146 | 180814 | 11.58 | ng | 96     |
| 15) Benzyl Alcohol             | 7.61  | 79  | 150181 | 12.02 | ng | 95     |
| 17) 2-Methylphenol             | 7.86  | 107 | 186488 | 15.64 | ng | # 81   |
| 19) n-Nitroso-di-n-propylamine | 8.04  | 70  | 42401  | 3.70  | ng | # 79   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.67  | 216 | 156829 | 48.16 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.66  | 237 | 71280  | 45.47 | ng | 97     |
| 42) 2,4,6-Trichlorophenol      | 9.77  | 196 | 104968 | 52.21 | ng | 96     |
| 43) 2,4,5-Trichlorophenol      | 9.82  | 196 | 115355 | 50.08 | ng | # 90   |
| 45) 1,1'-Biophenyl             | 9.96  | 154 | 433106 | 53.67 | ng | 97     |
| 46) 2-Chloronaphthalene        | 10.00 | 162 | 347498 | 52.71 | ng | 94     |
| 47) 2-Nitroaniline             | 10.08 | 65  | 79115  | 55.00 | ng | # 76   |
| 48) Acenaphthylene             | 10.42 | 152 | 575890 | 51.05 | ng | 99     |
| 49) Dimethylphthalate          | 10.25 | 163 | 397707 | 51.20 | ng | 98     |
| 50) 2,6-Dinitrotoluene         | 10.32 | 165 | 67943  | 46.43 | ng | # 69   |
| 51) Acenaphthene               | 10.59 | 154 | 330973 | 49.86 | ng | 97     |
| 52) 3-Nitroaniline             | 10.49 | 138 | 87181  | 55.63 | ng | 82     |
| 53) 2,4-Dinitrophenol          | 10.59 | 184 | 16621  | 52.82 | ng | # 1    |
| 54) Dibenzofuran               | 10.76 | 168 | 461484 | 48.50 | ng | 93     |
| 55) 4-Nitrophenol              | 10.63 | 139 | 61605  | 46.61 | ng | # 77   |
| 56) 2,4-Dinitrotoluene         | 10.72 | 165 | 78211  | 47.53 | ng | # 50   |
| 57) Fluorene                   | 11.12 | 166 | 407304 | 50.11 | ng | 99     |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.83 | 232 | 90899  | 53.23 | ng | 93     |
| 59) Diethylphthalate           | 10.96 | 149 | 390898 | 50.00 | ng | 95     |
| 60) 4-Chlorophenyl-phenylether | 11.10 | 204 | 187545 | 52.40 | ng | 91     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\  
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 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

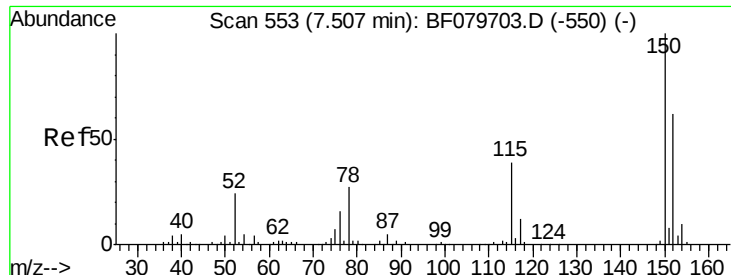
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Jun 06 10:36:23 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 19:33:57 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 61) 4-Nitroaniline             | 11.11 | 138  | 84982    | 51.86 | nq    | 82       |
| 62) Azobenzene                 | 11.26 | 77   | 401476   | 53.95 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 11.14 | 198  | 27491    | 47.40 | nq    | # 71     |
| 65) n-Nitrosodiphenylamine     | 11.21 | 169  | 344359   | 51.61 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.60 | 248  | 115635   | 51.48 | nq    | # 84     |
| 67) Hexachlorobenzene          | 11.68 | 284  | 124603   | 49.14 | nq    | # 76     |
| 68) Atrazine                   | 11.72 | 200  | 104574   | 46.57 | nq    | 93       |
| 69) Pentachlorophenol          | 11.87 | 266  | 55219    | 45.54 | nq    | 99       |
| 70) Phenanthrene               | 12.10 | 178  | 595912   | 48.29 | nq    | 99       |
| 71) Anthracene                 | 12.16 | 178  | 625321   | 51.21 | nq    | 99       |
| 72) Carbazole                  | 12.31 | 167  | 566575   | 49.78 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.64 | 149  | 642444   | 47.47 | nq    | # 80     |
| 74) Fluoranthene               | 13.39 | 202  | 666753   | 49.81 | nq    | 94       |
| 76) Benzidine                  | 13.51 | 184  | 353527   | 53.16 | nq    | 99       |
| 77) Pyrene                     | 13.66 | 202  | 685119   | 49.90 | nq    | 99       |
| 79) Butylbenzylphthalate       | 14.35 | 149  | 285005   | 53.84 | nq    | # 76     |
| 80) Benzo(a)anthracene         | 15.09 | 228  | 665917   | 49.30 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.03 | 252  | 239886   | 51.62 | nq    | 99       |
| 82) Chrysene                   | 15.13 | 228  | 622738   | 49.26 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 15.05 | 149  | 458254   | 55.17 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 15.87 | 149  | 771680   | 55.36 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.09 | 276  | 731410   | 51.27 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 16.49 | 252  | 709320   | 49.95 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 16.53 | 252  | 592737   | 43.74 | nq    | 99       |
| 89) Benzo(a)pyrene             | 16.99 | 252  | 613149   | 47.26 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 19.11 | 278  | 584901   | 48.80 | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 19.69 | 276  | 606874   | 49.52 | nq    | 97       |

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



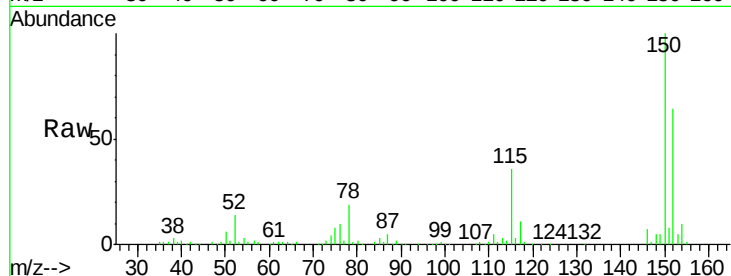


#1

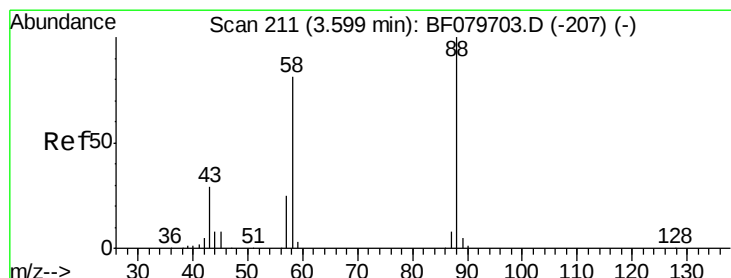
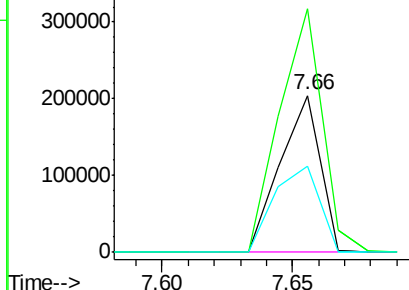
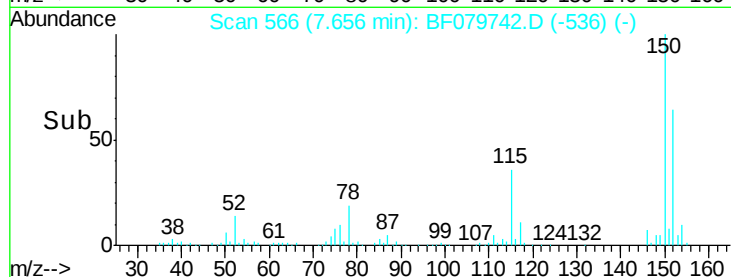
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.66 min Scan# 566  
Delta R.T. 0.15 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:152 Resp: 218087  
Ion Ratio Lower Upper  
152 100  
150 155.2 128.1 192.1  
115 55.1 49.7 74.5



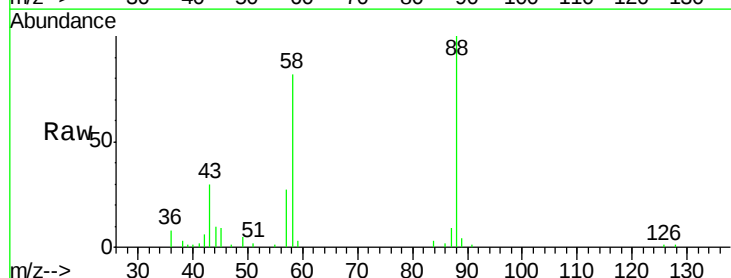
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



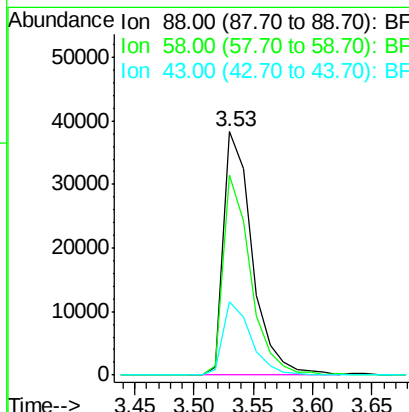
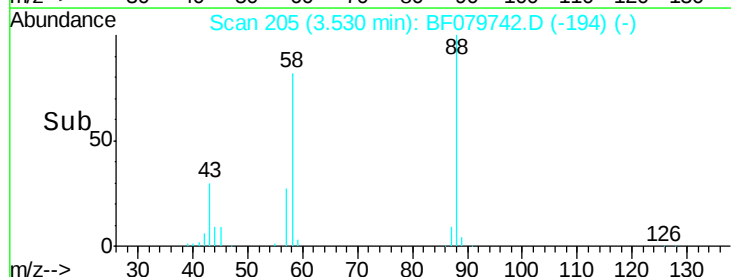
#2

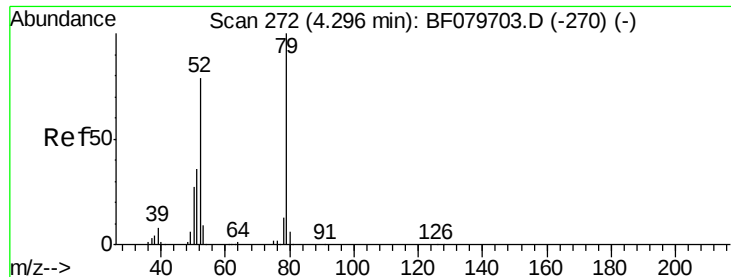
1,4-Dioxane  
Concen: 11.15 ng  
RT: 3.53 min Scan# 205  
Delta R.T. -0.07 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion: 88 Resp: 64082  
Ion Ratio Lower Upper  
88 100  
58 77.9 64.2 96.4  
43 29.3 25.1 37.7



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





#3

Pvridine

Concen: 11.95 ng

RT: 4.26 min Scan# 269

Delta R.T. -0.03 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

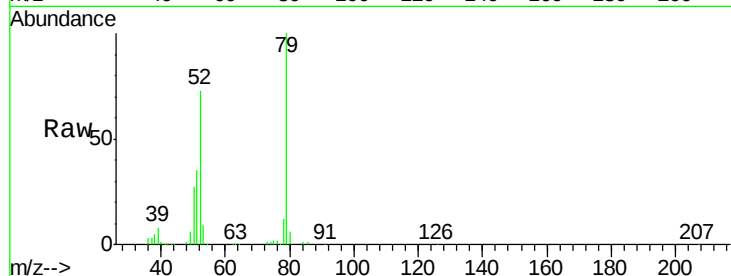
Tot Ion: 79 Resp: 192186

Ion Ratio Lower Upper

79 100

52 73.4 63.1 94.7

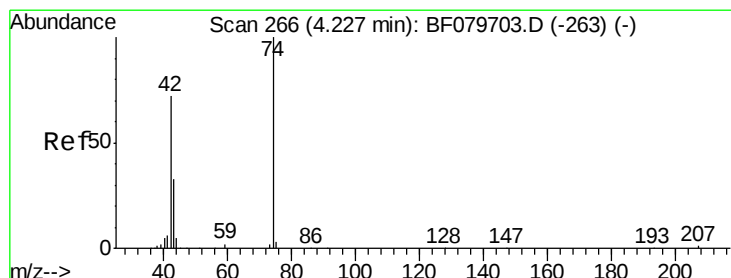
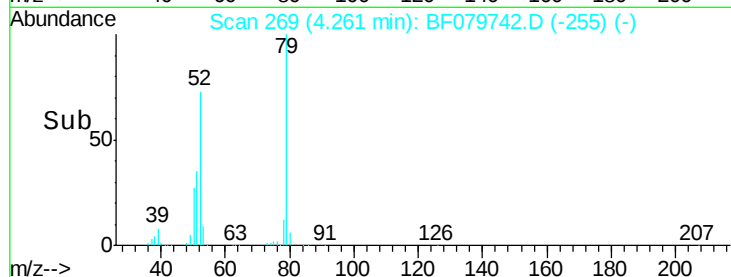
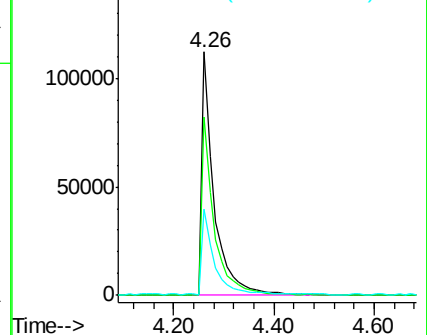
51 35.2 29.3 43.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 9.80 ng

RT: 4.18 min Scan# 262

Delta R.T. -0.05 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

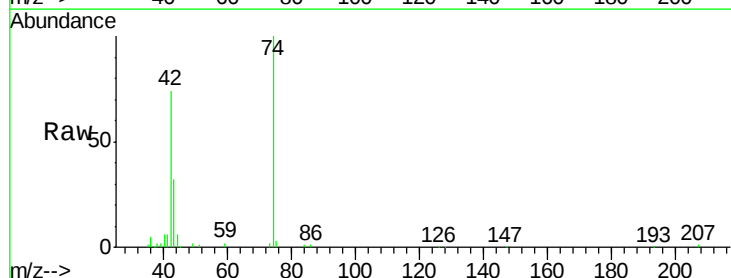
Tgt Ion: 42 Resp: 73781

Ion Ratio Lower Upper

42 100

74 135.6 110.6 165.8

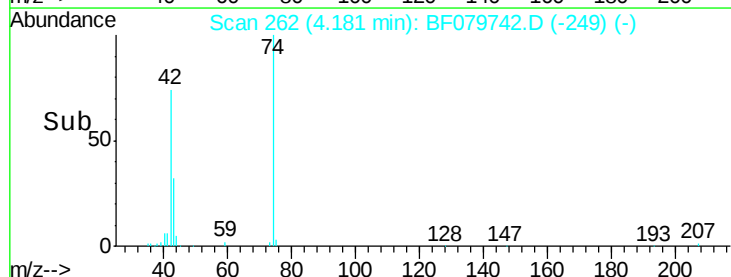
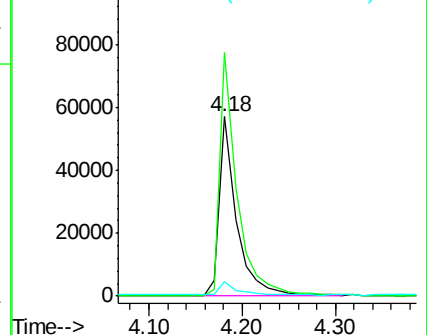
44 7.8 6.2 9.2

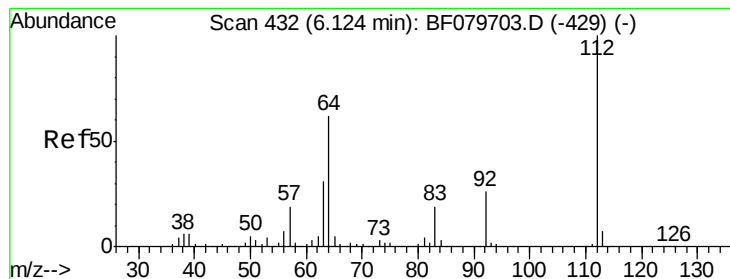


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 22.83 ng

RT: 6.10 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

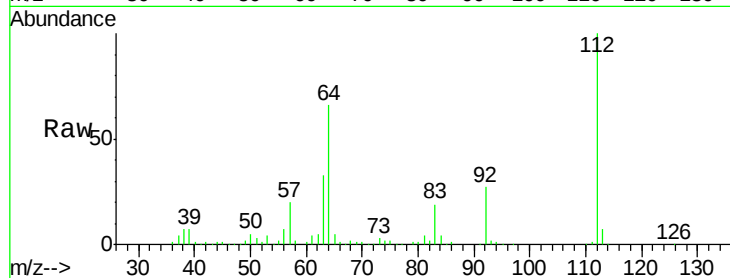
Tot Ion:112 Resp: 290378

Ion Ratio Lower Upper

112 100

64 65.6 49.6 74.4

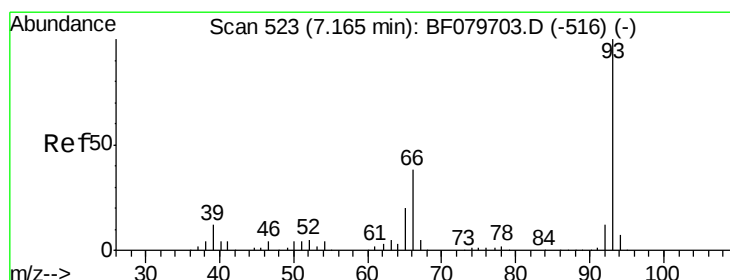
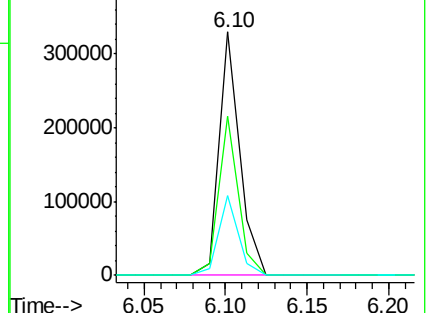
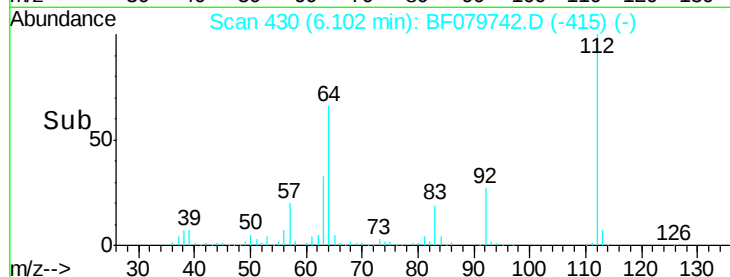
63 32.8 24.9 37.3



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: 10.83 ng

RT: 7.14 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

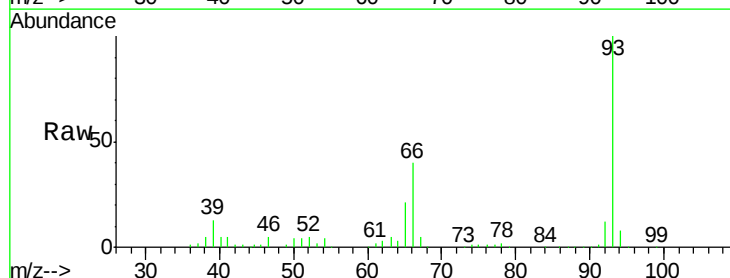
Tgt Ion: 93 Resp: 249540

Ion Ratio Lower Upper

93 100

66 39.9 30.3 45.5

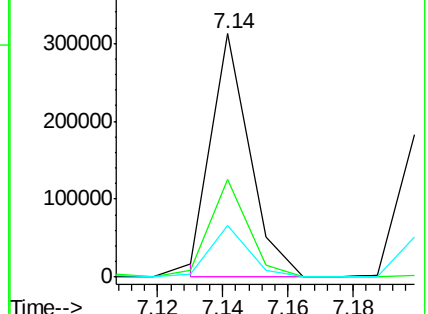
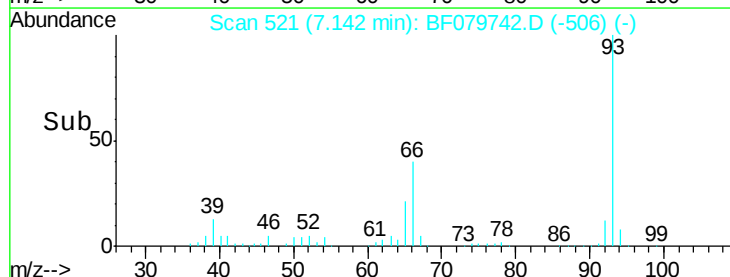
65 21.0 15.8 23.6

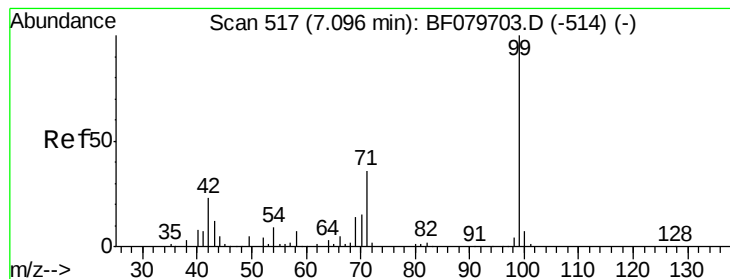


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.69 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

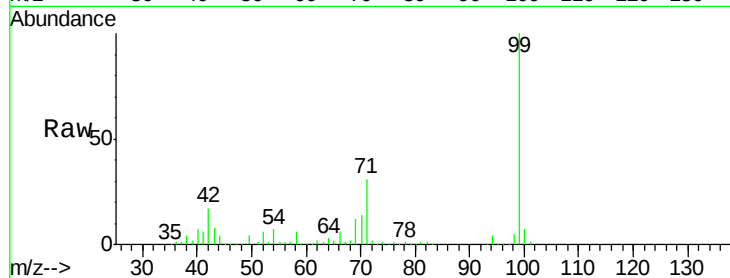
BNA\_F

ClientSampleId :

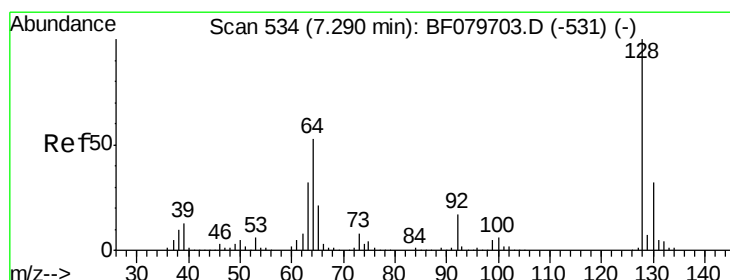
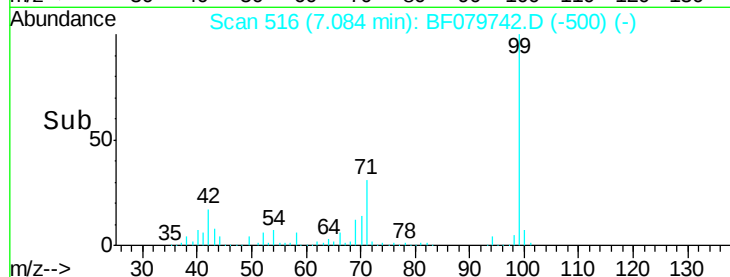
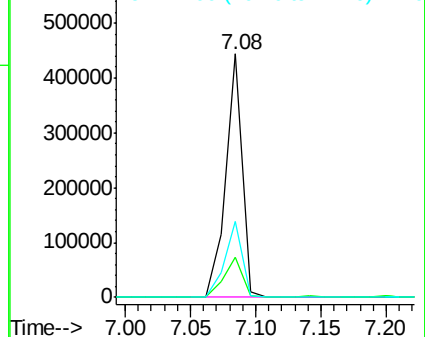
SSTDICC050

Tot Ion: 99 Resp: 392252

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.6  | 18.0  | 27.0# |
| 71  | 31.3  | 28.4  | 42.6  |



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: 10.76 ng

RT: 7.27 min Scan# 532

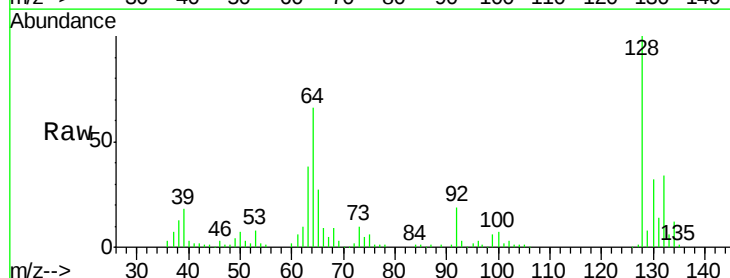
Delta R.T. -0.02 min

Lab File: BF079742.D

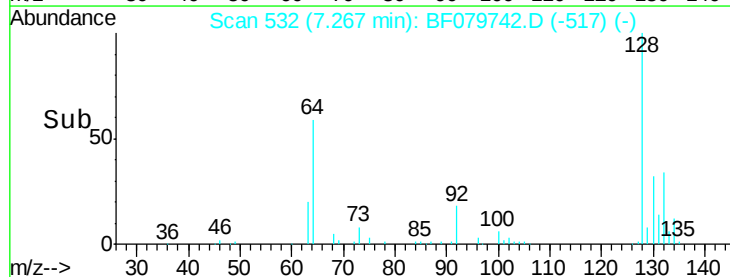
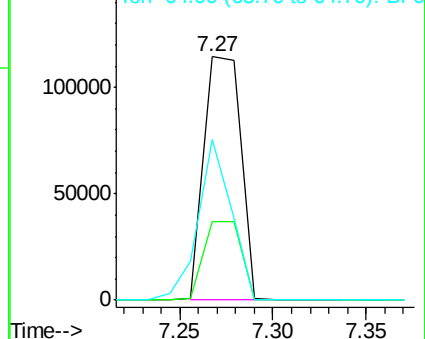
Acq: 5 Jun 2015 21:47

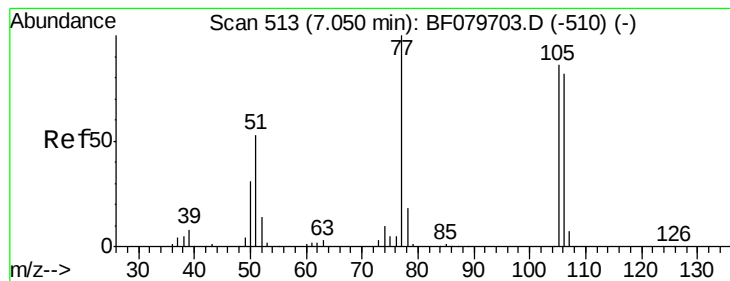
Tgt Ion: 128 Resp: 156946

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 12.3  | 52.3  |
| 64  | 65.6  | 33.3  | 73.3  |



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: 11.70 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

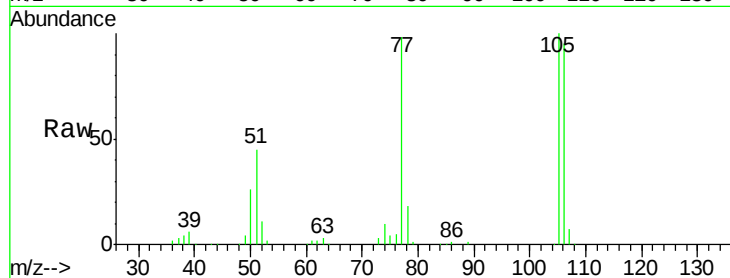
Tot Ion: 77 Resp: 121796

Ion Ratio Lower Upper

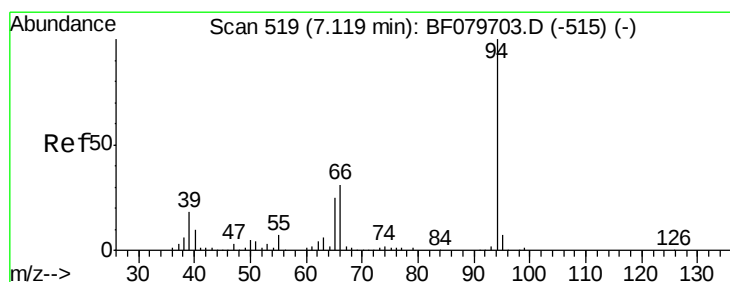
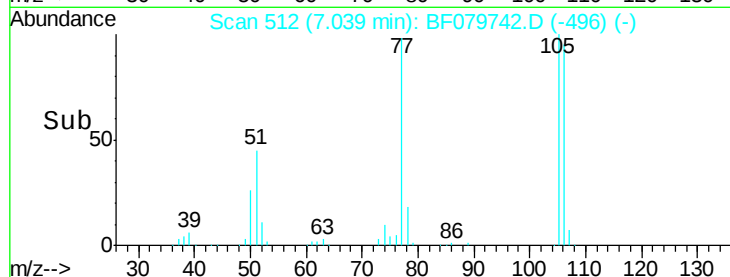
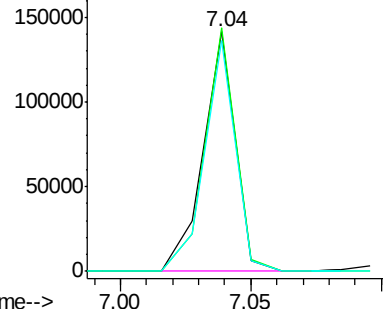
77 100

105 101.6 66.1 106.1

106 96.3 61.9 101.9



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.43 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

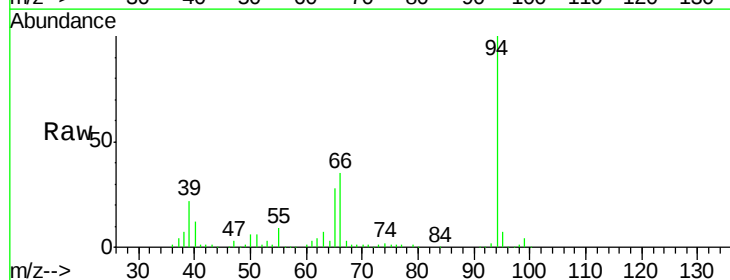
Tgt Ion: 94 Resp: 213404

Ion Ratio Lower Upper

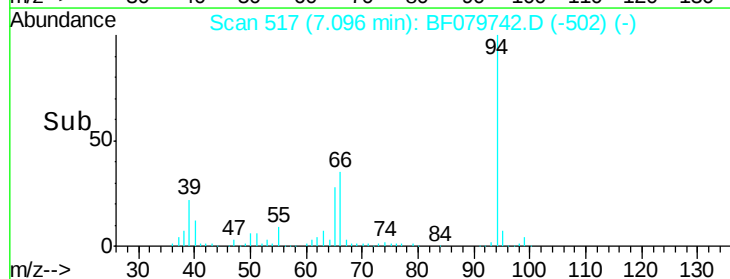
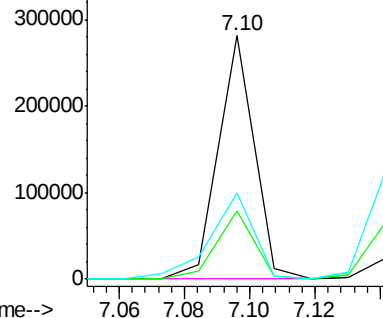
94 100

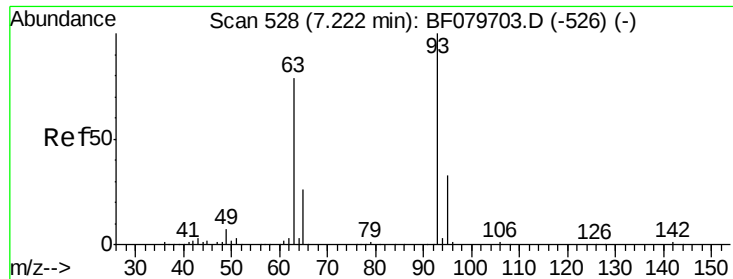
65 28.0 5.3 45.3

66 35.4 11.3 51.3



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

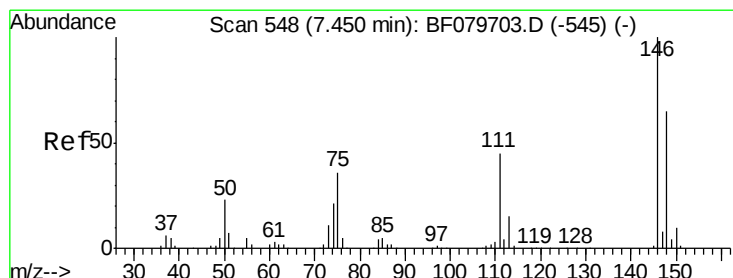
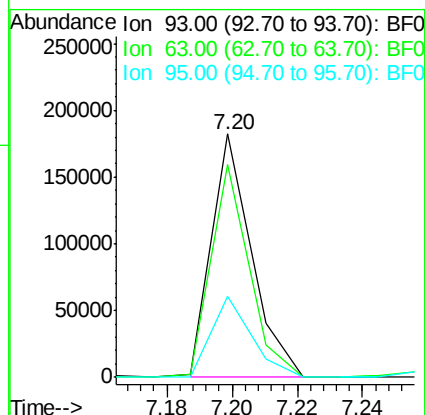
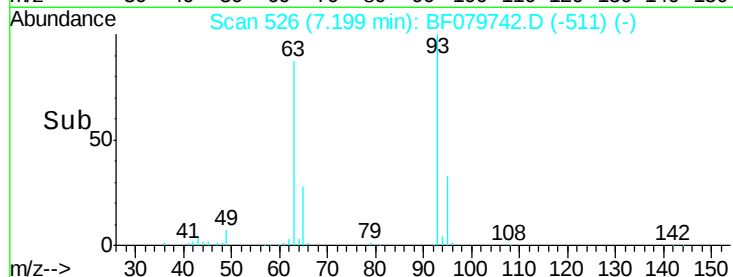
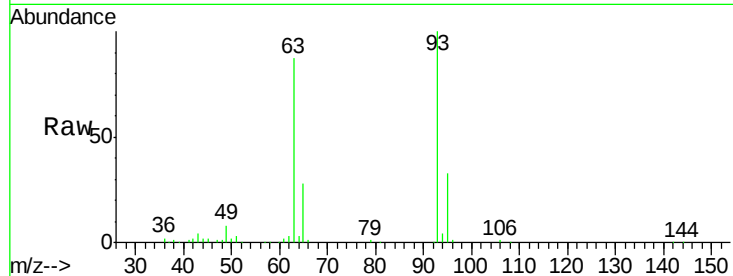




#11  
 bis(2-Chloroethyl)ether  
 Concen: 10.72 ng  
 RT: 7.20 min Scan# 526  
 Delta R.T. -0.02 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

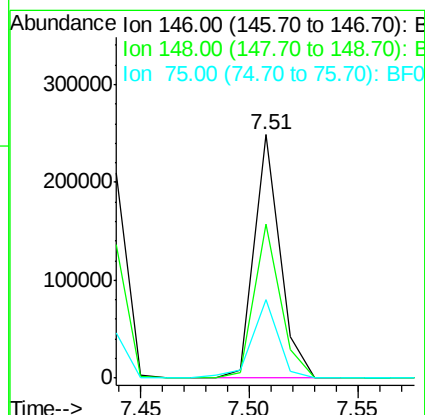
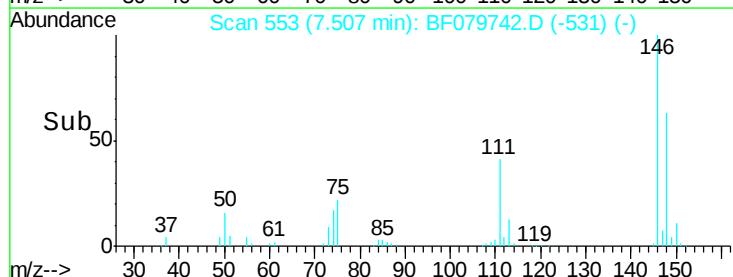
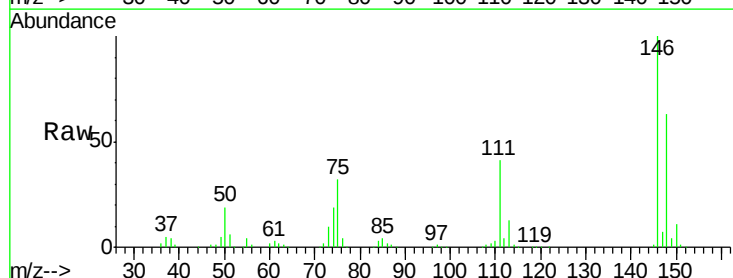
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

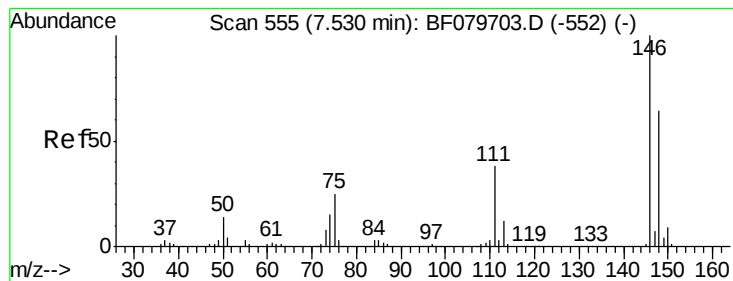
Tot Ion: 93 Resp: 152794  
 Ion Ratio Lower Upper  
 93 100  
 63 87.3 58.7 98.7  
 95 33.0 12.9 52.9



#12  
 1,3-Dichlorobenzene  
 Concen: 12.40 ng  
 RT: 7.51 min Scan# 553  
 Delta R.T. 0.06 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Tgt Ion: 146 Resp: 205638  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 51.6 77.4  
 75 32.0 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 11.12 ng

RT: 7.67 min Scan# 567

Delta R.T. 0.14 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

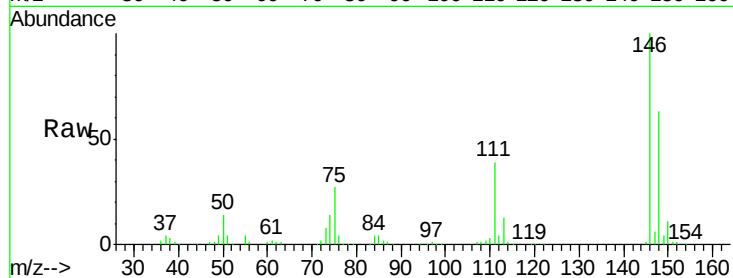
Tot Ion:146 Resp: 196825

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

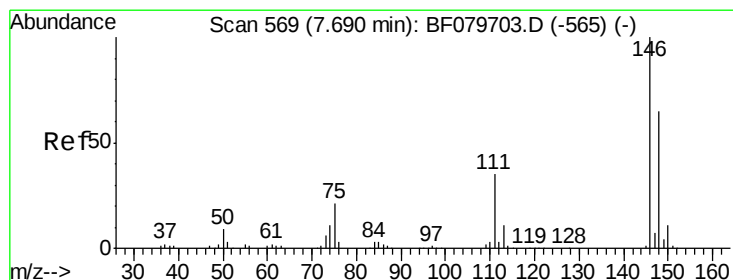
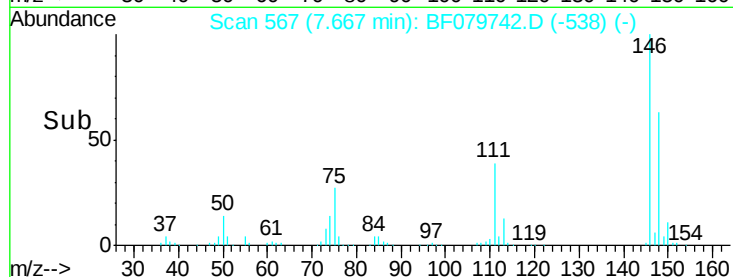
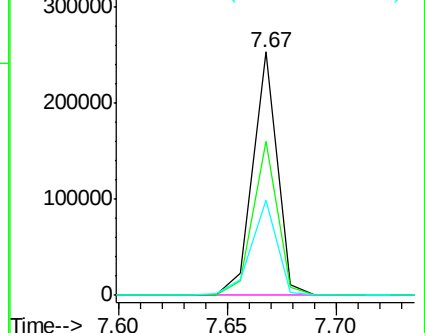
111 39.1 30.1 45.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 11.58 ng

RT: 7.67 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

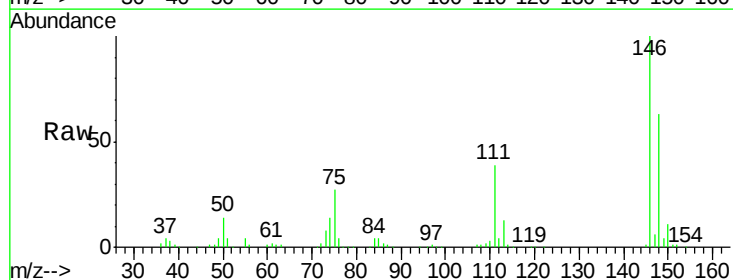
Tgt Ion:146 Resp: 180814

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.4

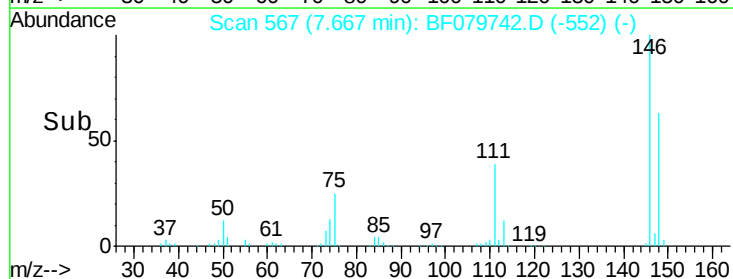
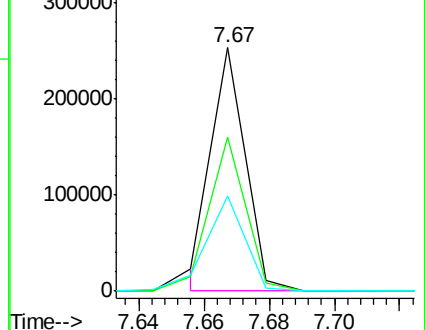
111 39.1 27.9 41.9

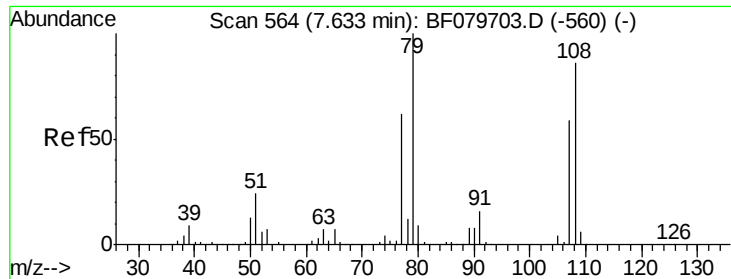


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 12.02 ng

RT: 7.61 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

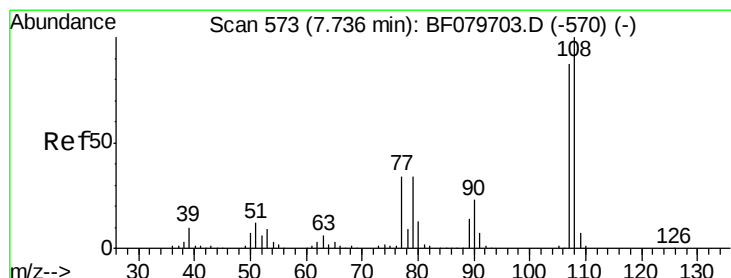
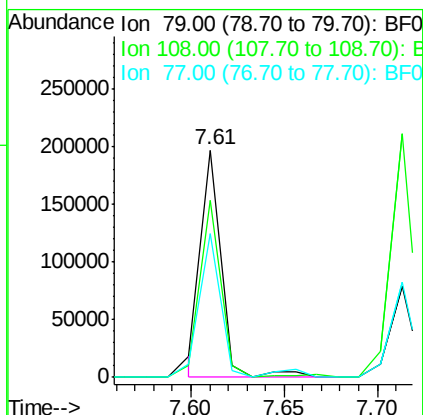
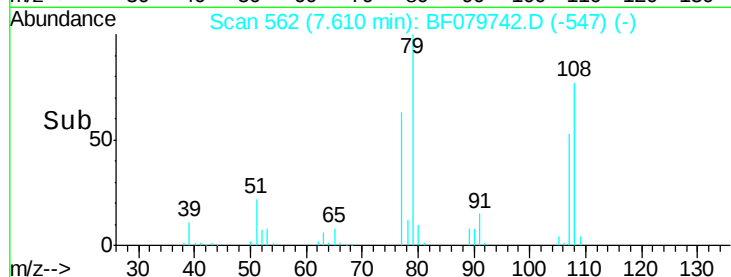
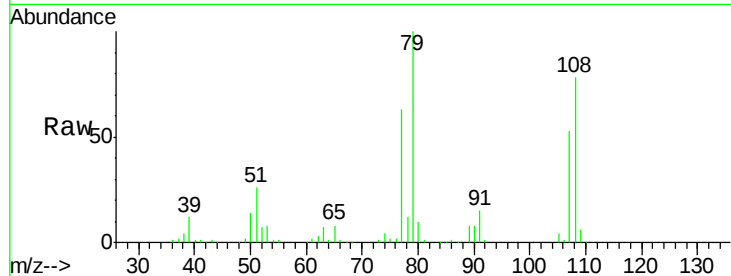
Tot Ion: 79 Resp: 150181

Ion Ratio Lower Upper

79 100

108 77.7 68.4 102.6

77 63.1 50.0 75.0



#17

2-Methylphenol

Concen: 15.64 ng

RT: 7.86 min Scan# 584

Delta R.T. 0.13 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Tgt Ion: 107 Resp: 186488

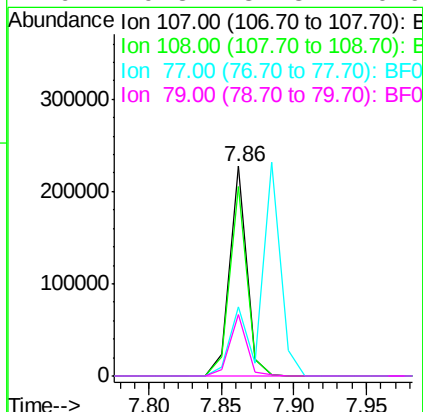
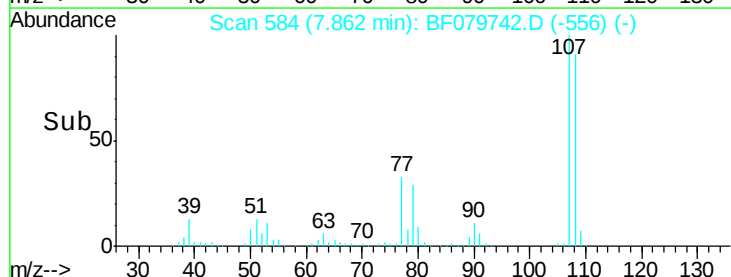
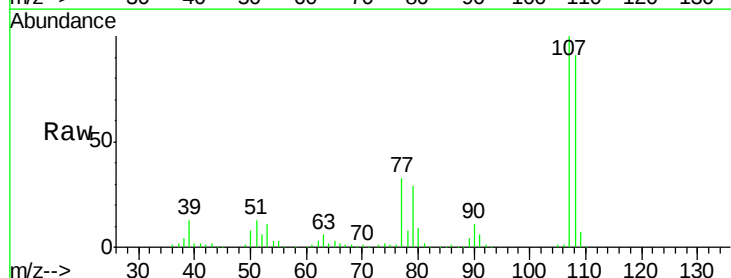
Ion Ratio Lower Upper

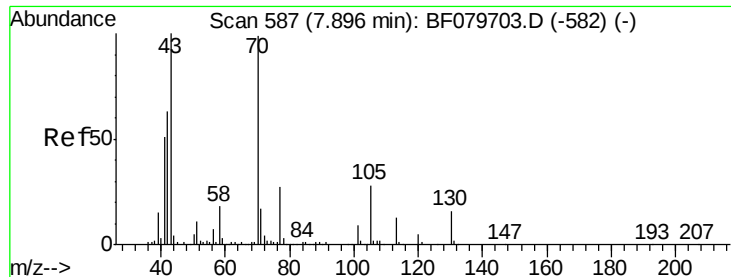
107 100

108 90.6 91.8 137.8#

77 33.0 31.4 47.2

79 29.3 31.3 46.9#

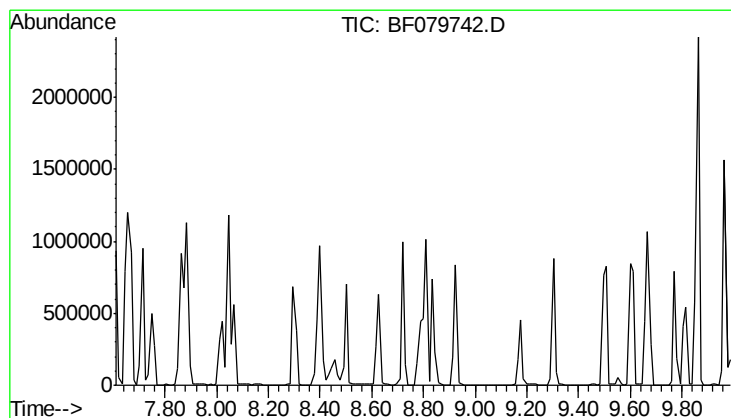
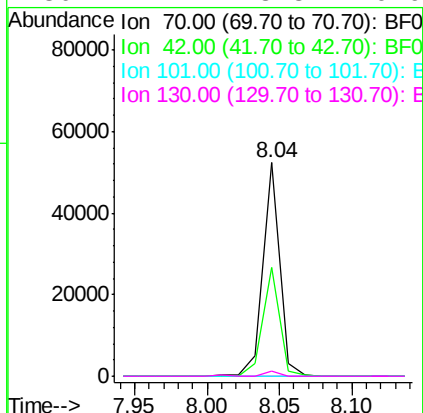
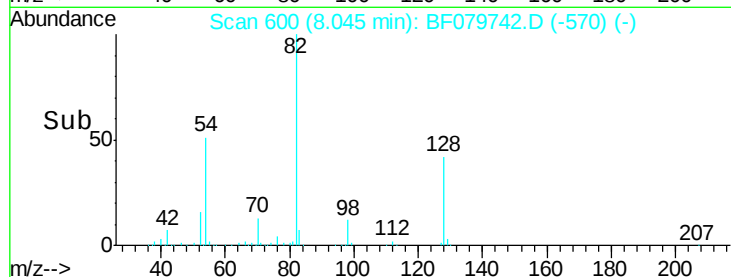
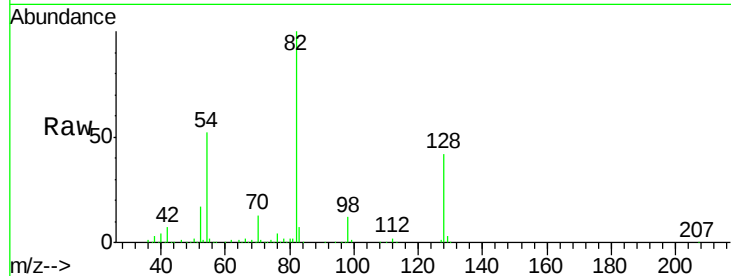




#19  
n-Nitroso-di-n-propylamine  
Concen: 3.70 ng  
RT: 8.04 min Scan# 600  
Delta R.T. 0.15 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

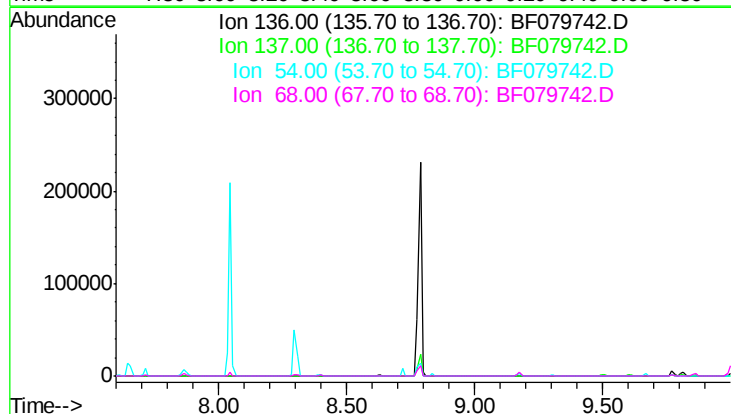
Tot Ion: 70 Resp: 42401  
Ion Ratio Lower Upper  
70 100  
42 50.8 51.1 76.7#  
101 0.0 7.0 10.6#  
130 2.2 13.3 19.9#

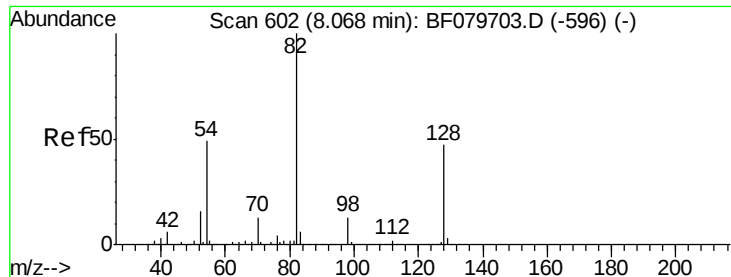


#21  
Naphthalene-d8  
Concen: 0.00 ng  
Expected RT: 8.80 min

Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion: 136  
Sig Exp Ratio  
136 100  
137 11.0  
54 10.9  
68 7.3

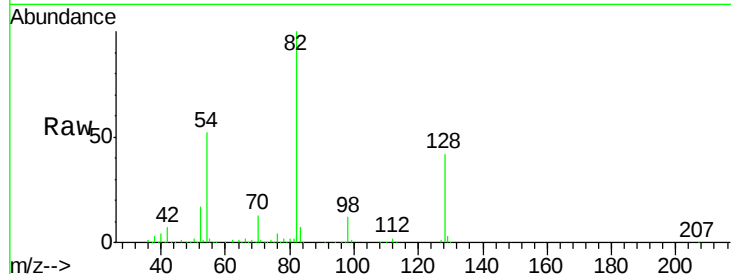




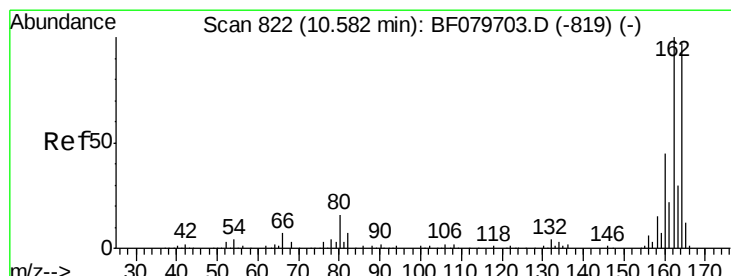
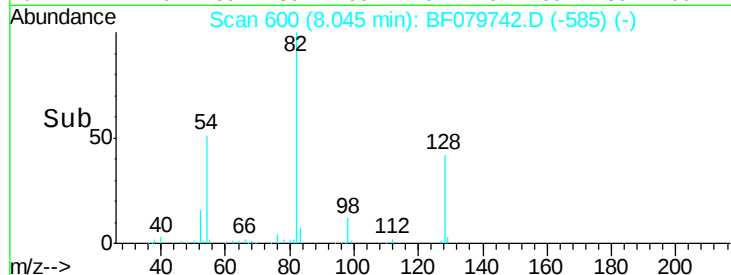
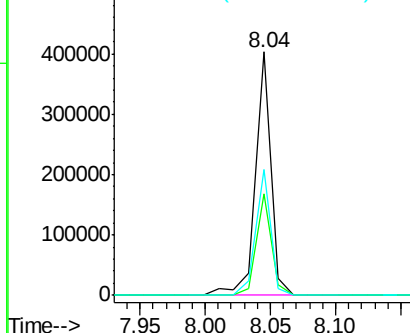
#23  
Nitrobenzene-d5  
Concen: 0.00 ng  
RT: 8.04 min Scan# 600  
Delta R.T. -0.02 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion: 82 Resp: 335731  
Ion Ratio Lower Upper  
82 100  
128 41.9 37.6 56.4  
54 51.8 39.4 59.2

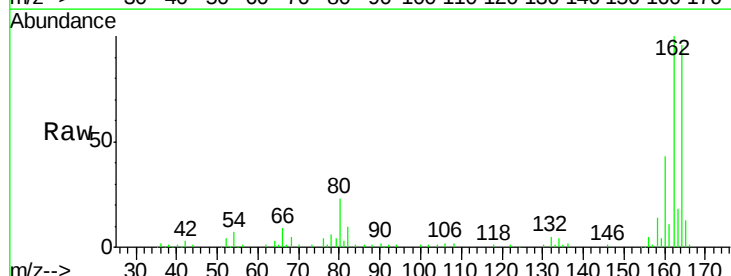


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

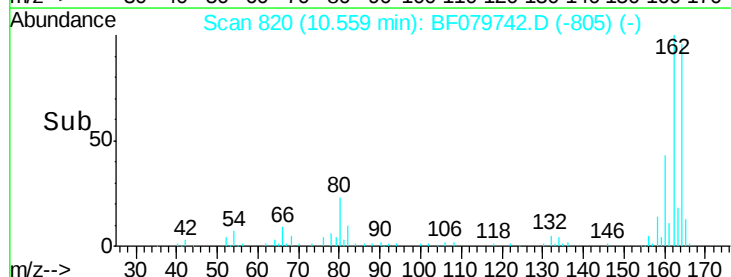
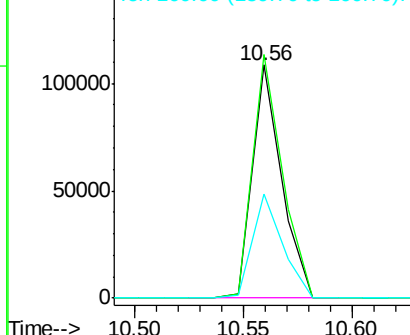


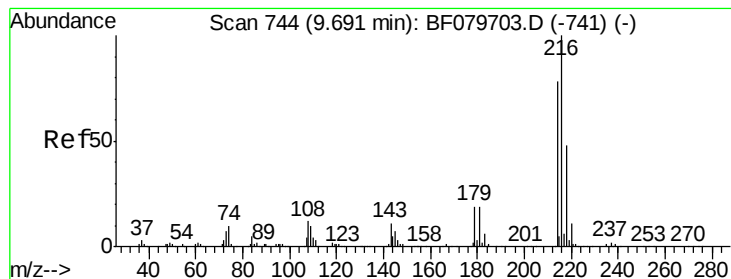
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.56 min Scan# 820  
Delta R.T. -0.02 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion: 164 Resp: 100822  
Ion Ratio Lower Upper  
164 100  
162 104.5 82.6 123.8  
160 44.9 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.16 ng

RT: 9.67 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:216 Resp: 156829

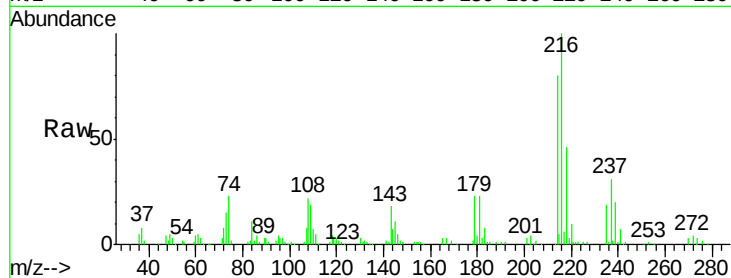
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.4

179 20.9 16.6 24.8

108 18.5 13.4 20.0

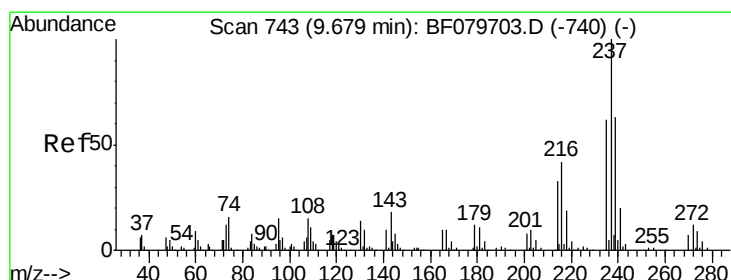
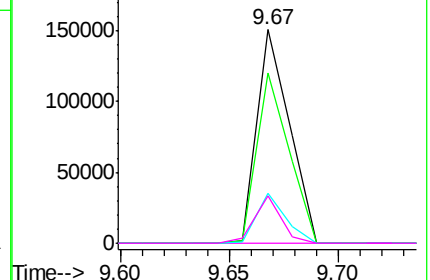
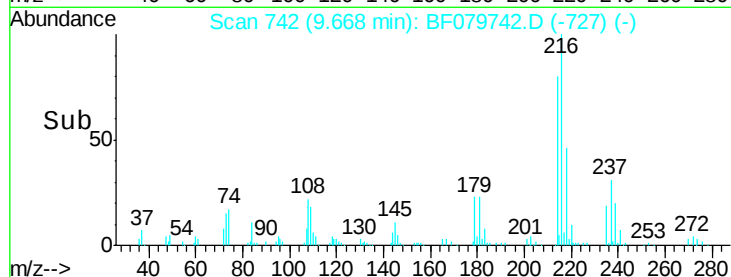


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.47 ng

RT: 9.66 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

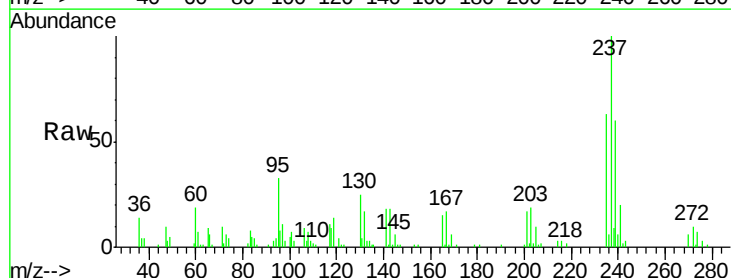
Tgt Ion:237 Resp: 71280

Ion Ratio Lower Upper

237 100

235 63.3 41.9 81.9

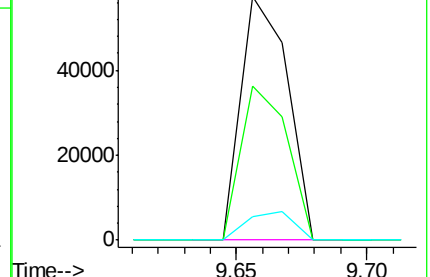
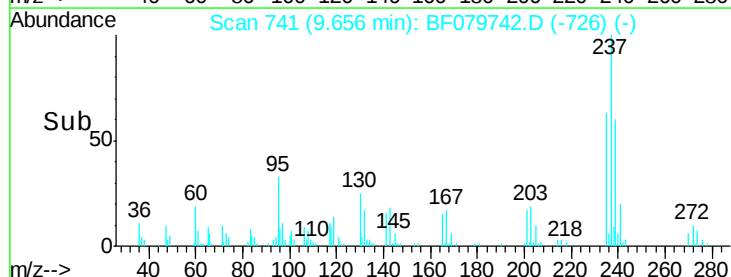
272 9.6 0.0 32.1

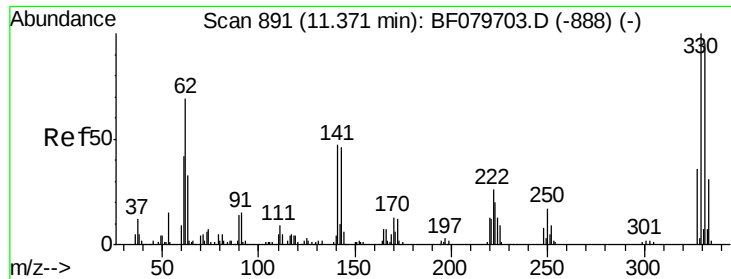


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

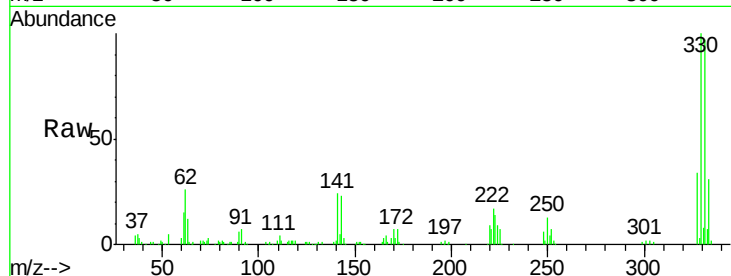




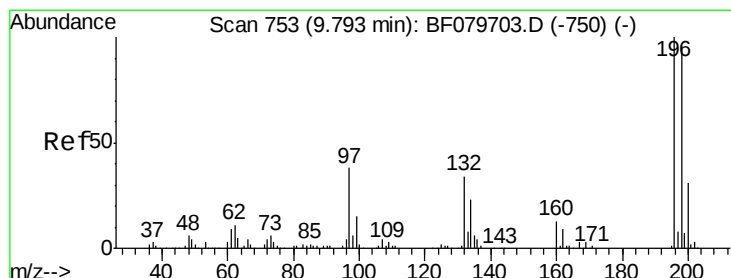
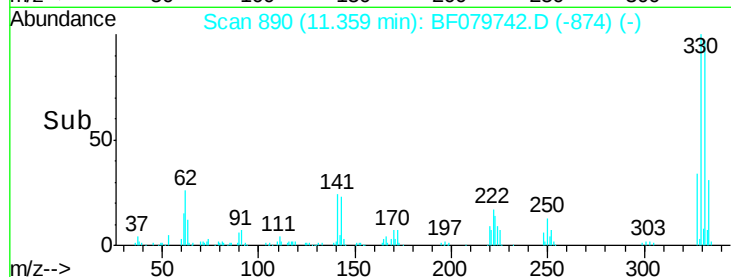
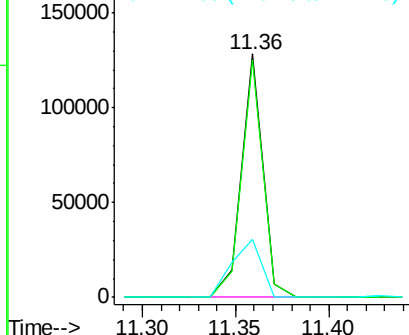
#41  
 2,4,6-Tribromophenol  
 Concen: 113.98 ng  
 RT: 11.36 min Scan# 890  
 Delta R.T. -0.01 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:330 Resp: 103193  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 77.4 116.0  
 141 33.3 30.2 45.2

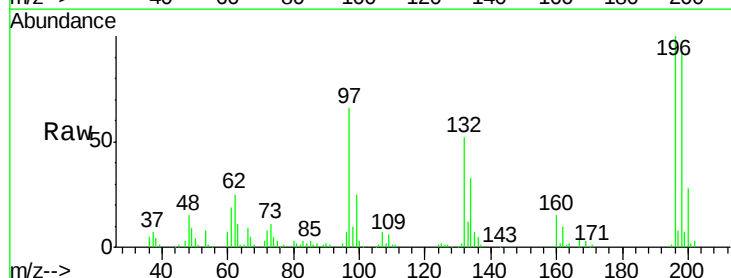


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

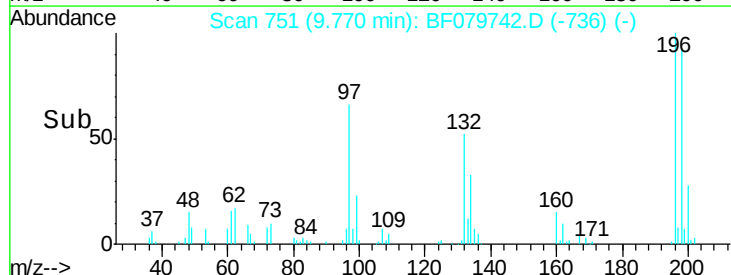
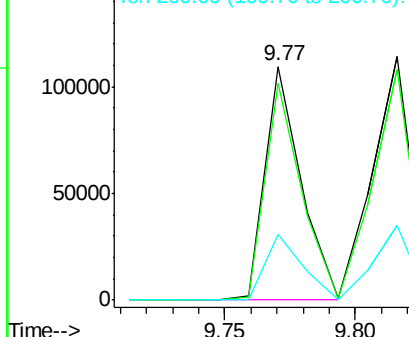


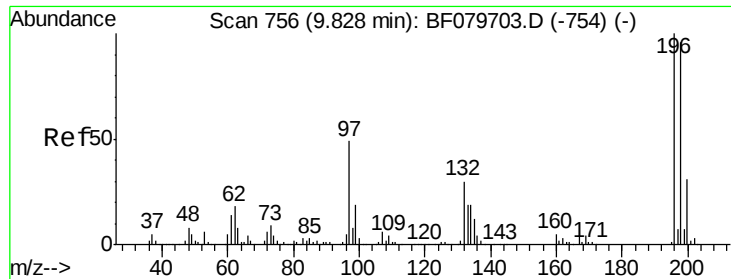
#42  
 2,4,6-Trichlorophenol  
 Concen: 52.21 ng  
 RT: 9.77 min Scan# 751  
 Delta R.T. -0.02 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Tgt Ion:196 Resp: 104968  
 Ion Ratio Lower Upper  
 196 100  
 198 92.5 76.8 115.2  
 200 28.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

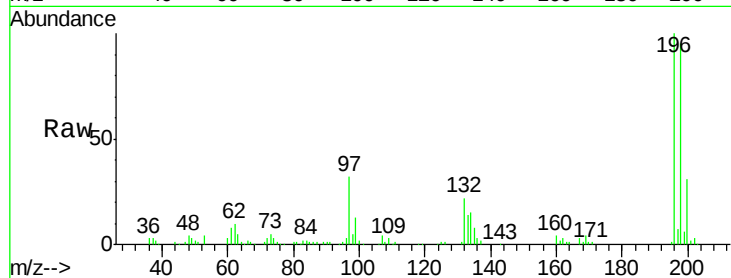




#43  
 2,4,5-Trichlorophenol  
 Concen: 50.08 ng  
 RT: 9.82 min Scan# 755  
 Delta R.T. -0.01 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.7  | 76.9  | 115.3 |
| 97      | 31.8  | 38.9  | 58.3  |
| 132     | 21.9  | 23.9  | 35.9  |



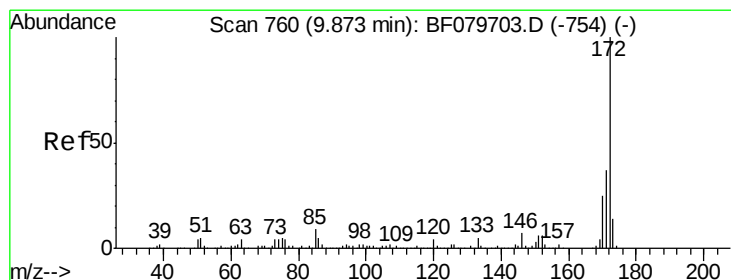
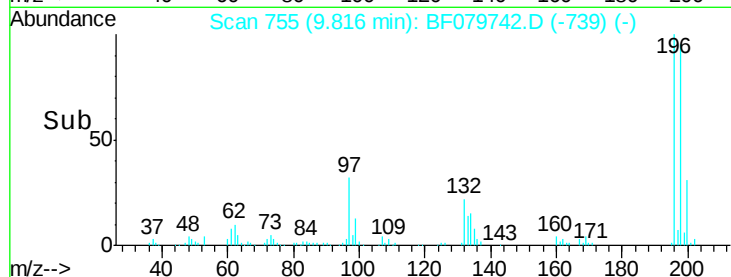
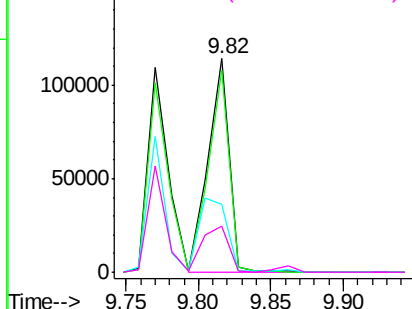
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

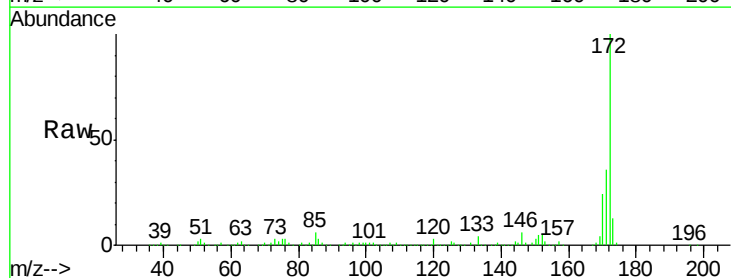
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 104.48 ng  
 RT: 9.86 min Scan# 759  
 Delta R.T. -0.01 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.4  | 44.0  |
| 170     | 23.7  | 19.7  | 29.5  |

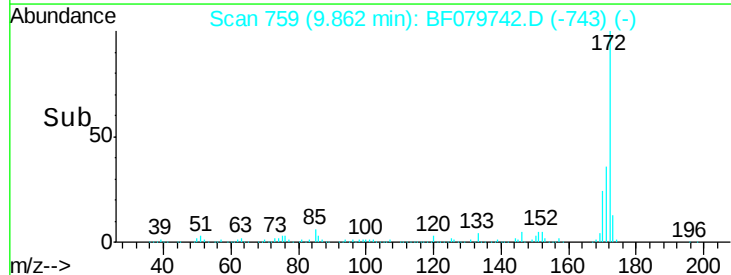
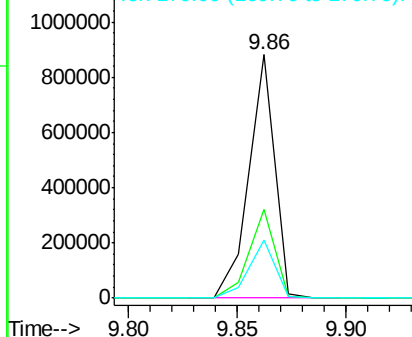


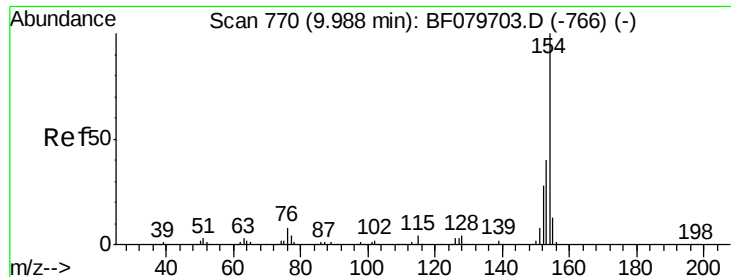
Abundance

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: 53.67 ng

RT: 9.96 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

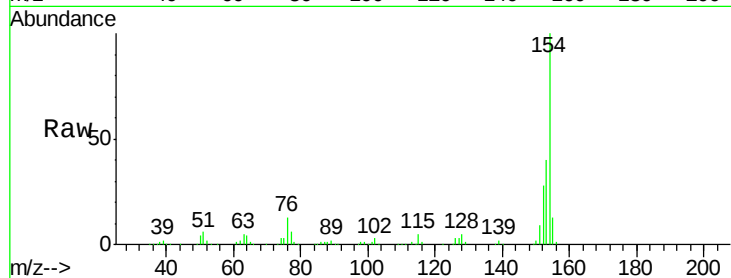
Tot Ion:154 Resp: 433106

Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

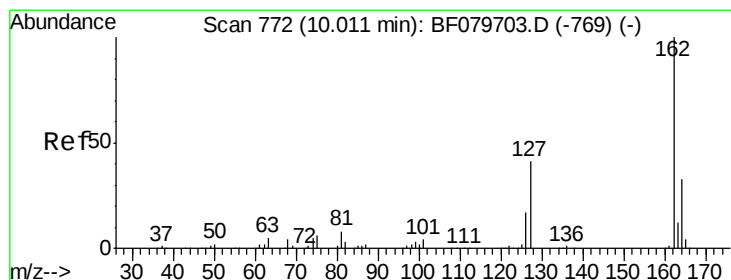
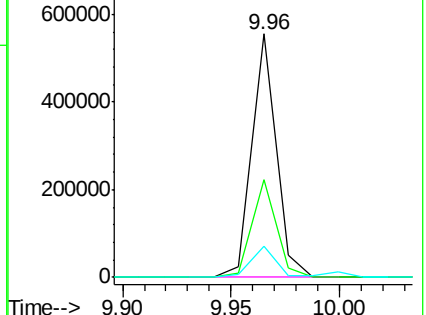
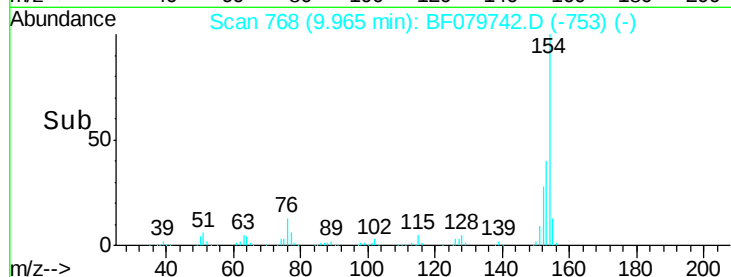
76 12.8 0.0 28.2



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: 52.71 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

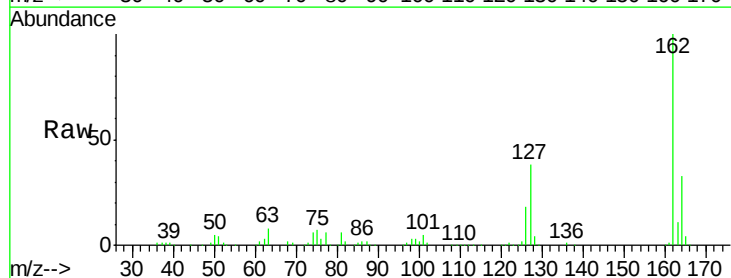
Tgt Ion:162 Resp: 347498

Ion Ratio Lower Upper

162 100

127 37.9 35.4 53.2

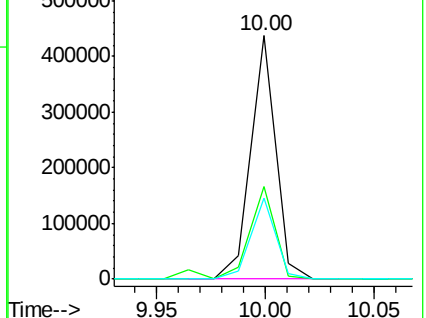
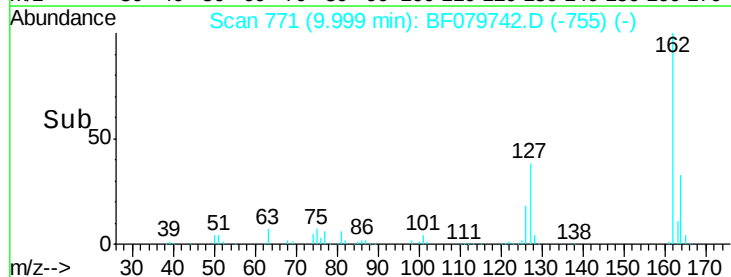
164 33.2 26.3 39.5

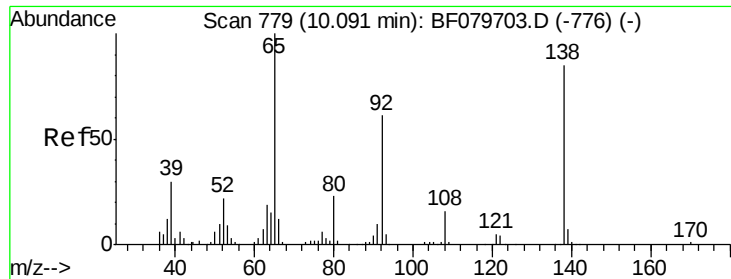


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

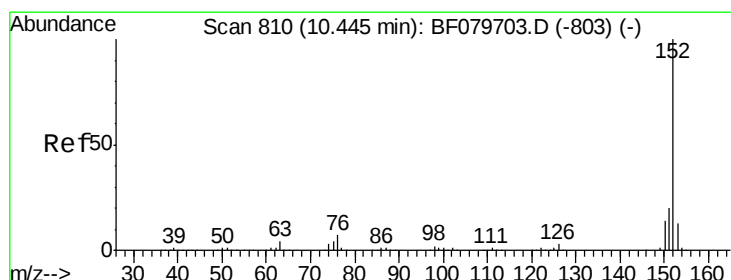
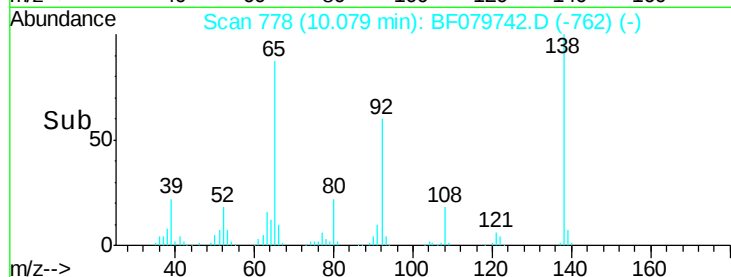
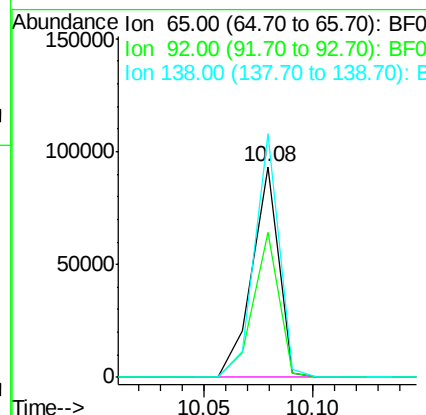
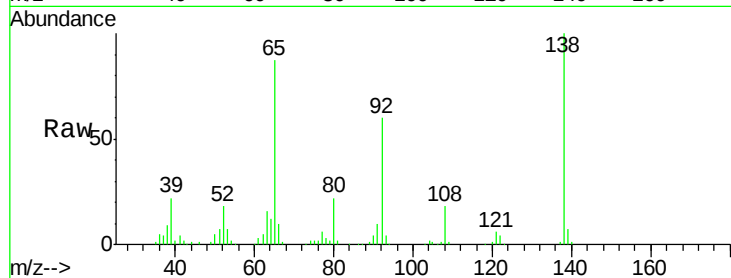




#47  
2-Nitroaniline  
Concen: 55.00 ng  
RT: 10.08 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

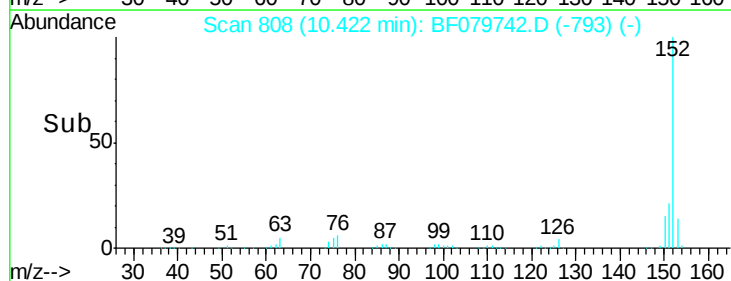
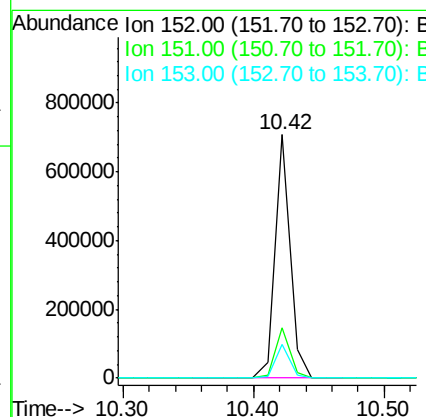
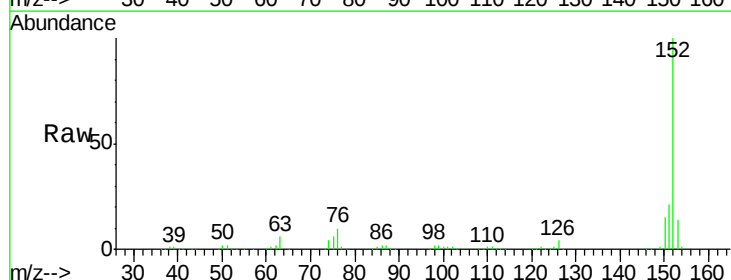
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

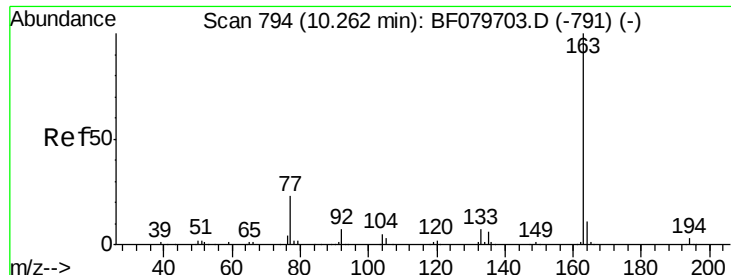
Tot Ion: 65 Resp: 79115  
Ion Ratio Lower Upper  
65 100  
92 69.1 49.0 73.6  
138 115.6 67.7 101.5#



#48  
Acenaphthylene  
Concen: 51.05 ng  
RT: 10.42 min Scan# 808  
Delta R.T. -0.02 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion:152 Resp: 575890  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.4  
153 13.8 10.4 15.6





#49

Dimethylphthalate

Concen: 51.20 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

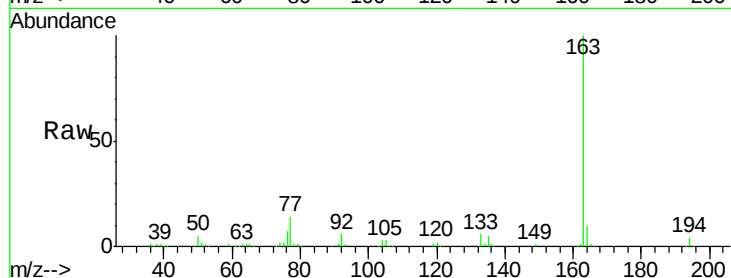
Tot Ion:163 Resp: 397707

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

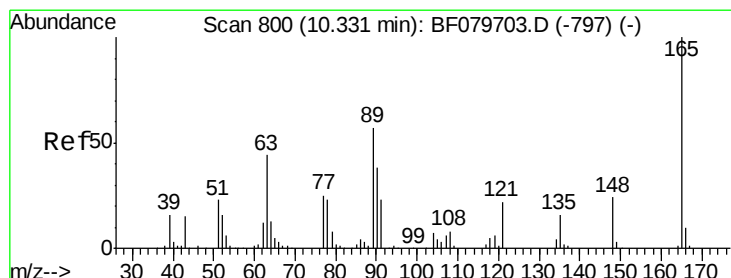
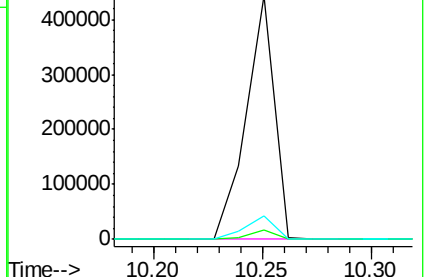
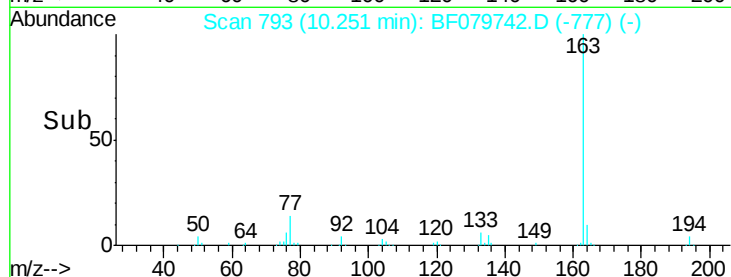
164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.43 ng

RT: 10.32 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

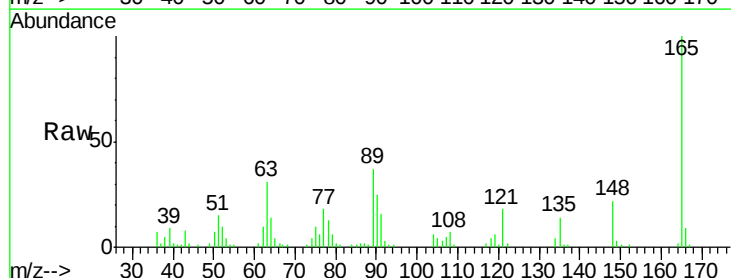
Tgt Ion:165 Resp: 67943

Ion Ratio Lower Upper

165 100

63 31.5 45.2 67.8#

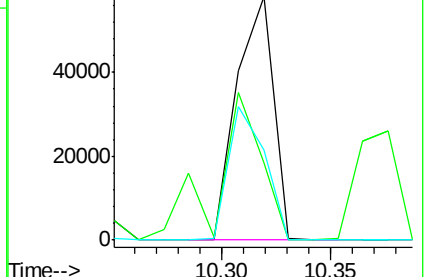
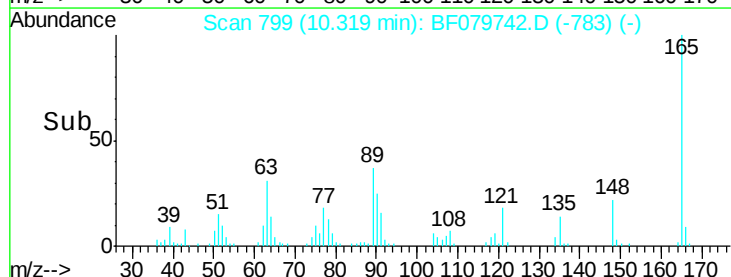
89 37.1 45.9 68.9#

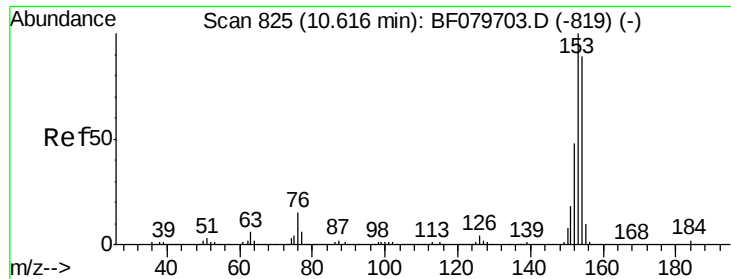


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.86 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

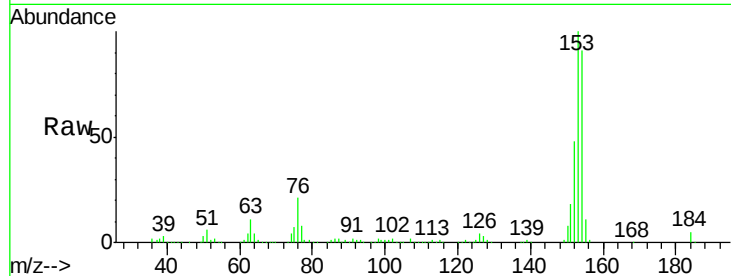
Tot Ion:154 Resp: 330973

Ion Ratio Lower Upper

154 100

153 109.3 90.1 135.1

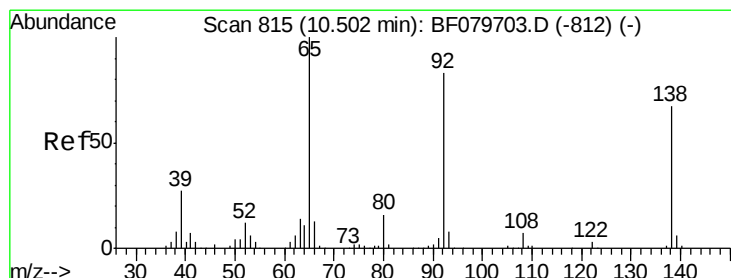
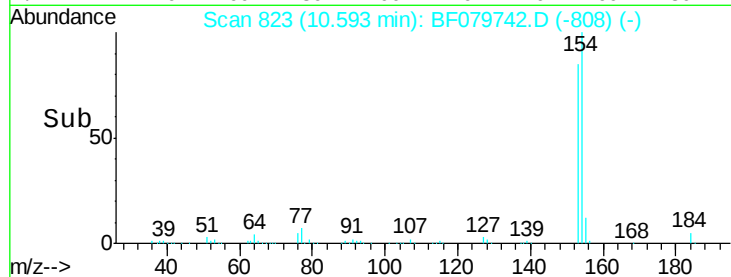
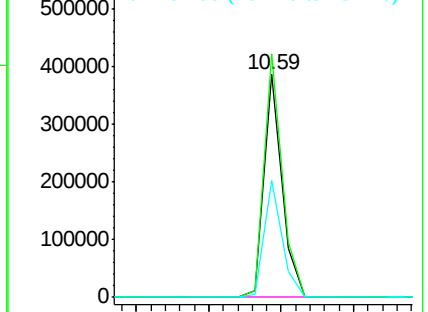
152 52.6 43.4 65.0



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: 55.63 ng

RT: 10.49 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

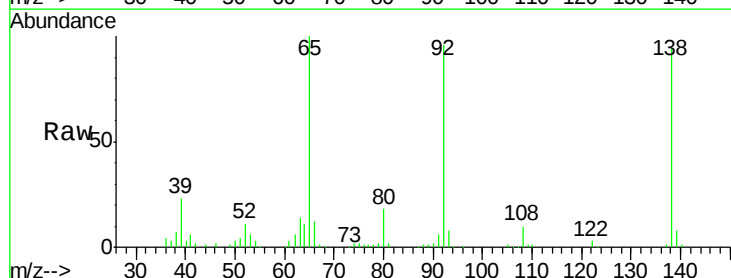
Tgt Ion:138 Resp: 87181

Ion Ratio Lower Upper

138 100

108 10.4 8.9 13.3

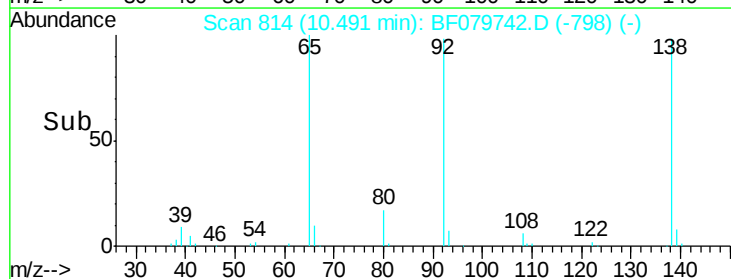
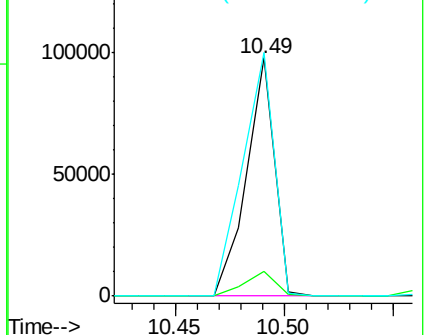
92 102.3 99.0 148.4

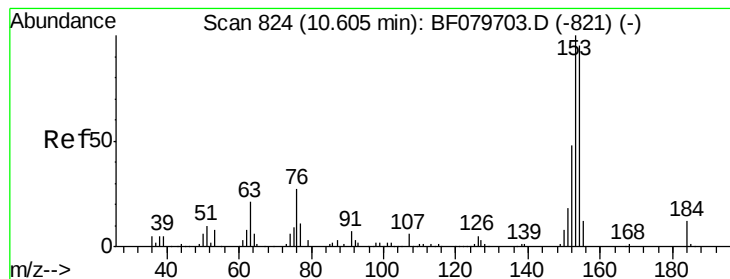


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 52.82 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

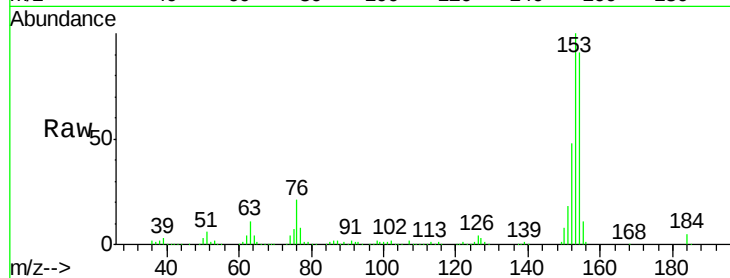
Tot Ion:184 Resp: 16621

Ion Ratio Lower Upper

184 100

63 237.4 146.9 220.3#

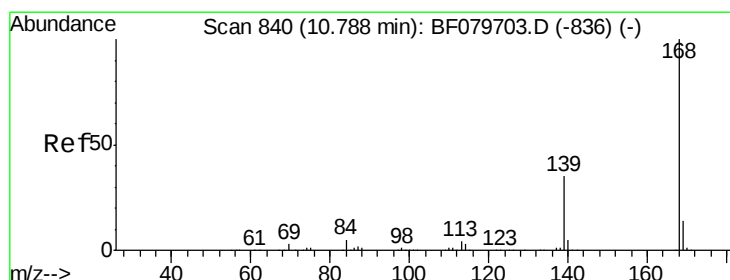
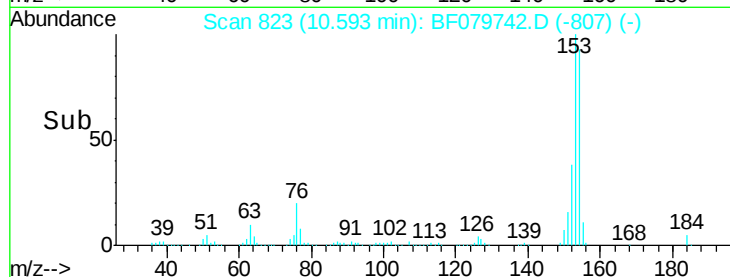
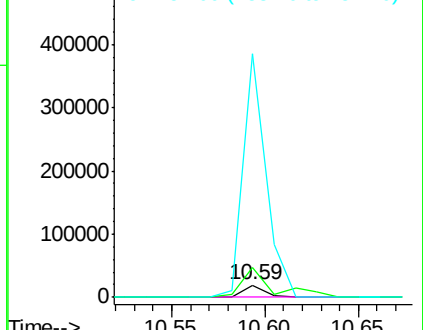
154 1958.4 653.8 980.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.50 ng

RT: 10.76 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

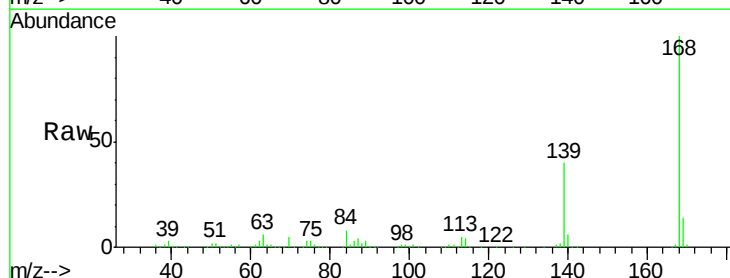
Tgt Ion:168 Resp: 461484

Ion Ratio Lower Upper

168 100

139 40.2 27.7 41.5

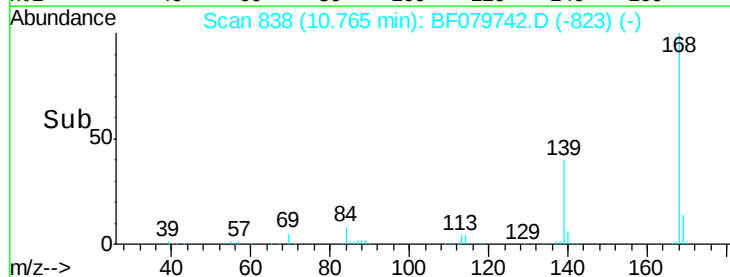
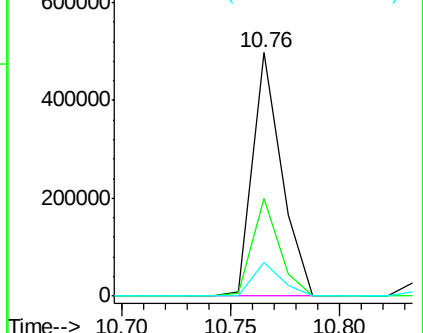
169 13.8 11.0 16.4

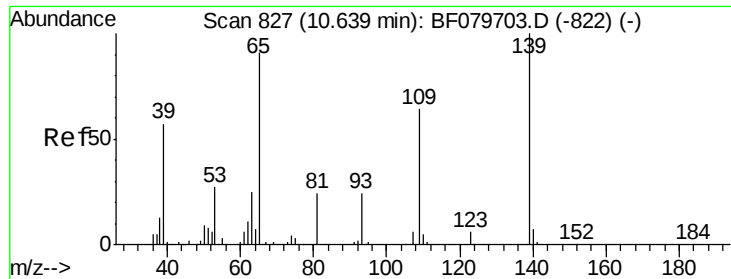


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 46.61 ng

RT: 10.63 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

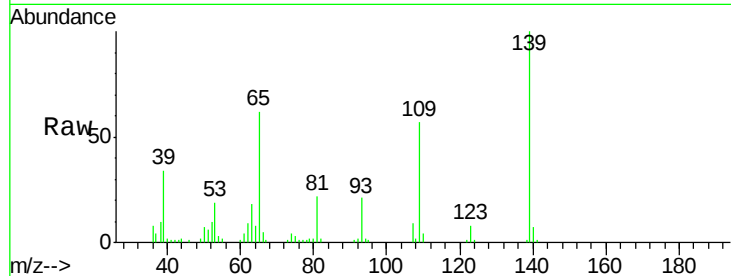
Tot Ion:139 Resp: 61605

Ion Ratio Lower Upper

139 100

109 56.7 44.2 84.2

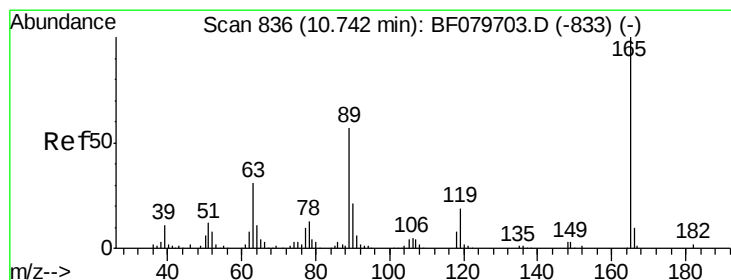
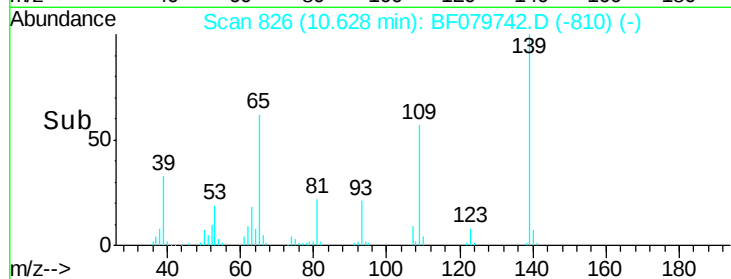
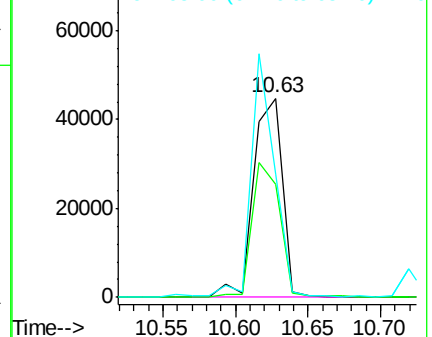
65 62.2 72.3 112.3#



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: 47.53 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Tgt Ion:165 Resp: 78211

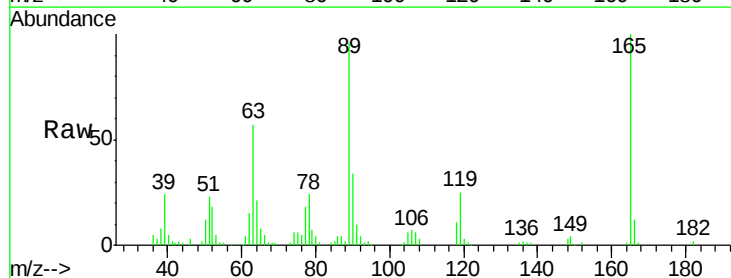
Ion Ratio Lower Upper

165 100

63 57.5 24.7 37.1#

89 96.4 45.7 68.5#

182 2.2 1.8 2.8

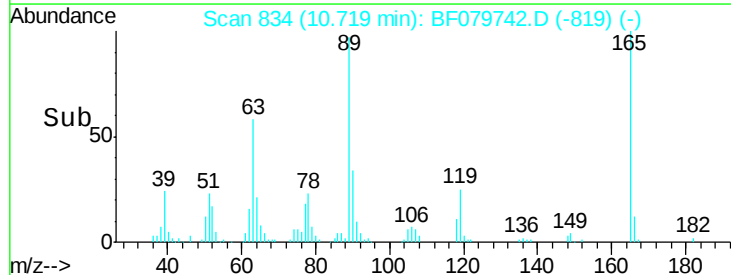
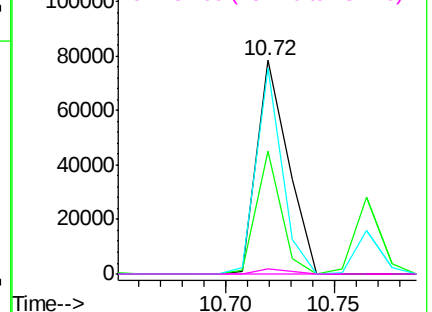


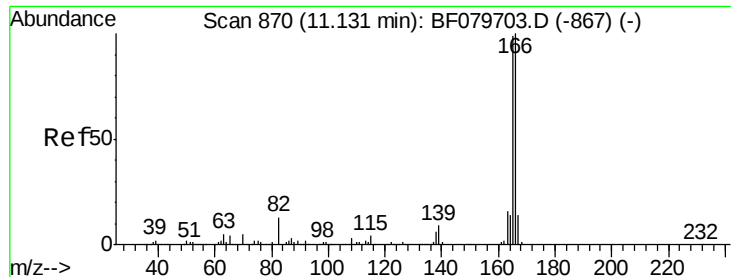
Abundance Ion 165.00 (164.70 to 165.70): E

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

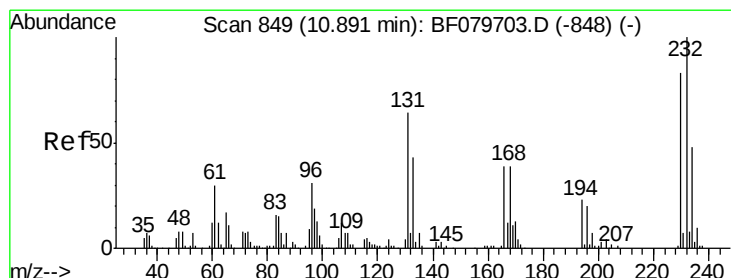
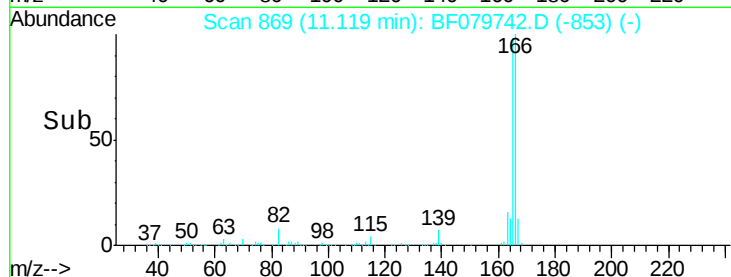
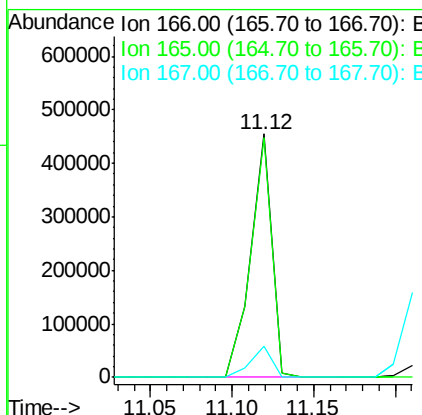
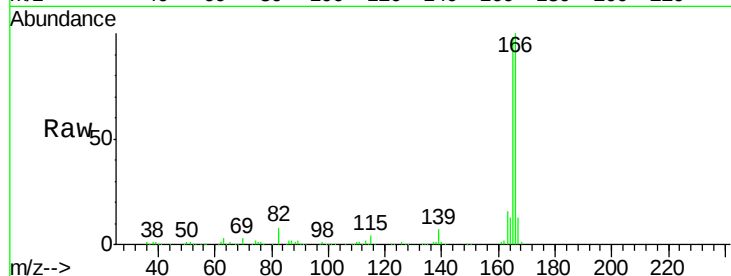




#57  
 Fluorene  
 Concen: 50.11 ng  
 RT: 11.12 min Scan# 869  
 Delta R.T. -0.01 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

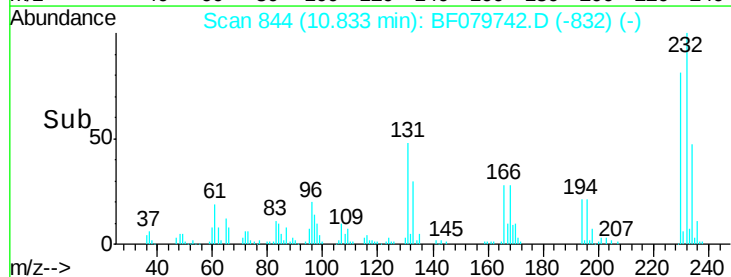
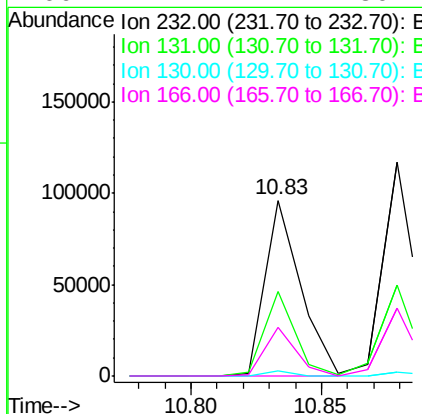
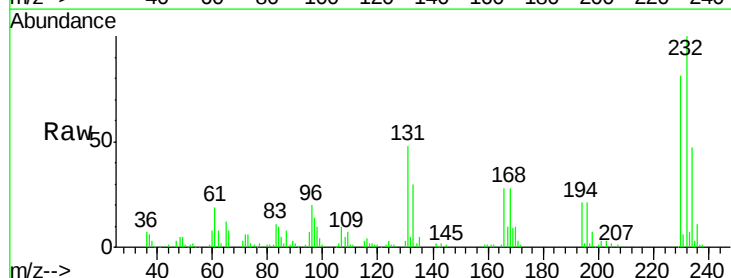
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

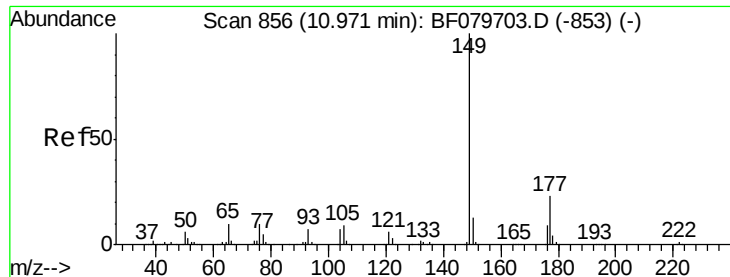
Tot Ion:166 Resp: 407304  
 Ion Ratio Lower Upper  
 166 100  
 165 98.5 79.4 119.0  
 167 12.9 11.0 16.4



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.23 ng  
 RT: 10.83 min Scan# 844  
 Delta R.T. -0.06 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Tgt Ion:232 Resp: 90899  
 Ion Ratio Lower Upper  
 232 100  
 131 41.9 36.5 54.7  
 130 2.0 1.8 2.8  
 166 24.7 24.2 36.4

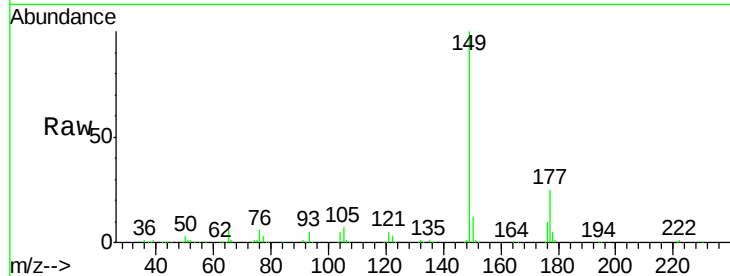




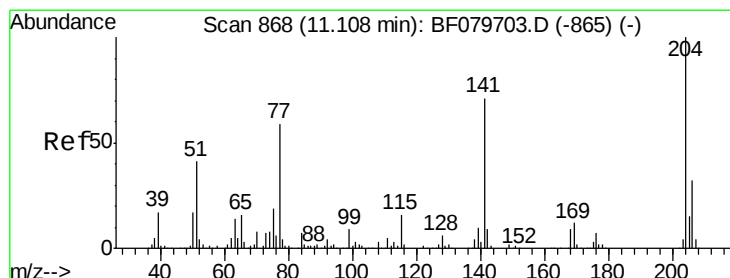
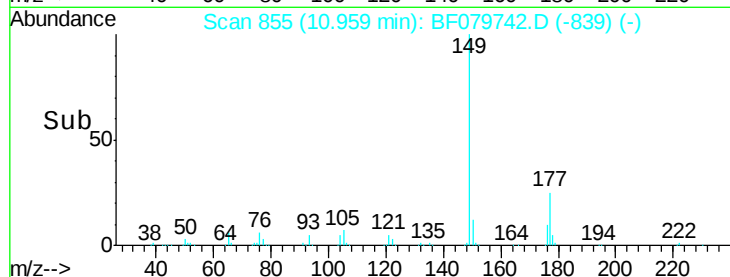
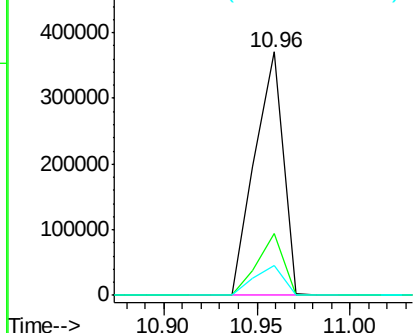
#59  
Diethylphthalate  
Concen: 50.00 ng  
RT: 10.96 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.3  | 18.1  | 27.1  |
| 150     | 12.0  | 10.5  | 15.7  |

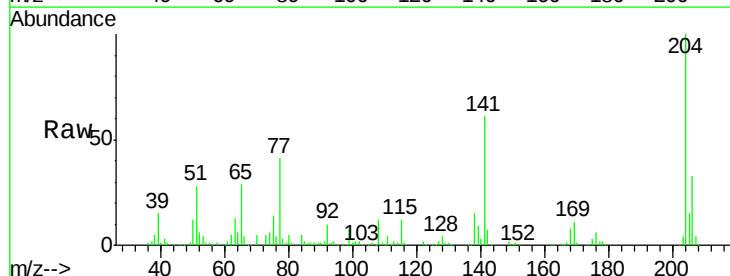


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

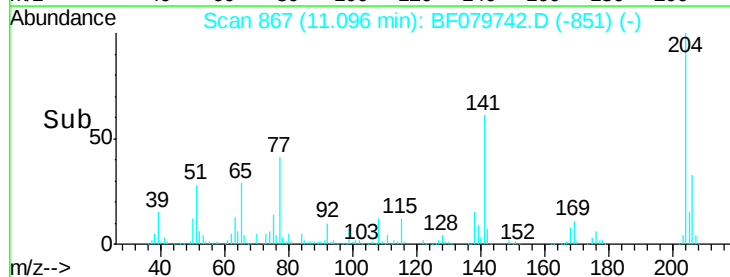
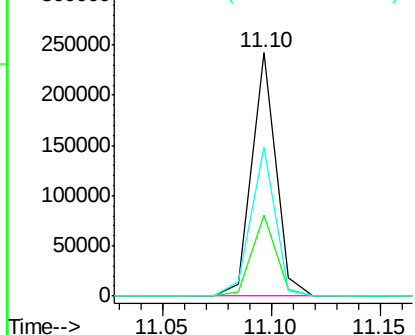


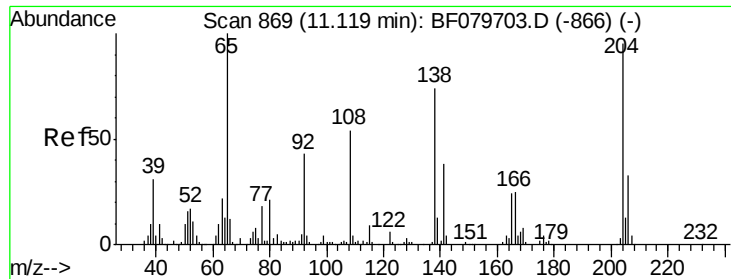
#60  
4-Chlorophenyl-phenylether  
Concen: 52.40 ng  
RT: 11.10 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.4  | 25.8  | 38.6  |
| 141     | 60.9  | 56.5  | 84.7  |



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: 51.86 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

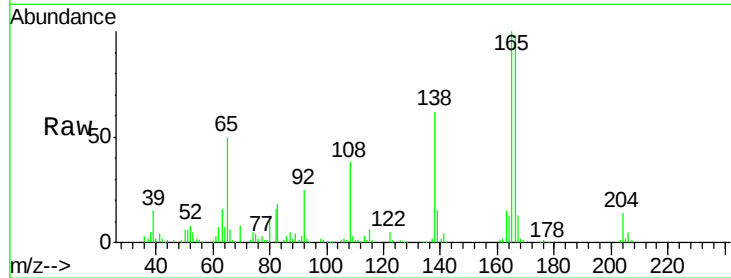
Tot Ion:138 Resp: 84982

Ion Ratio Lower Upper

138 100

92 40.5 38.2 78.2

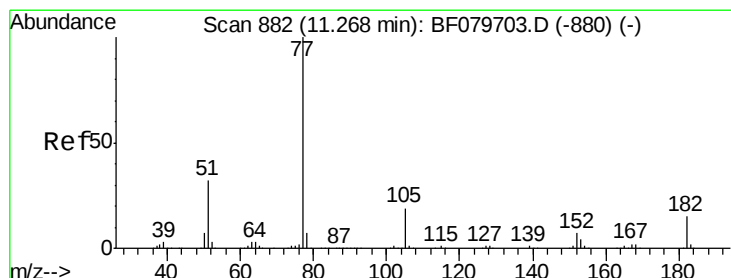
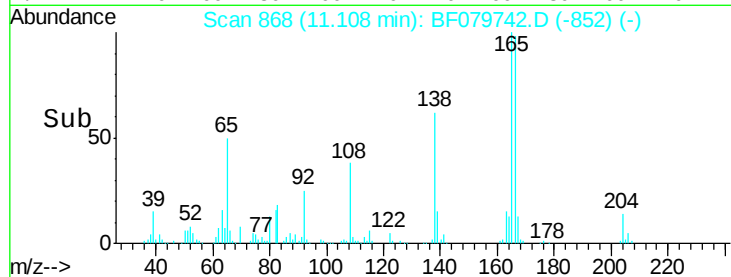
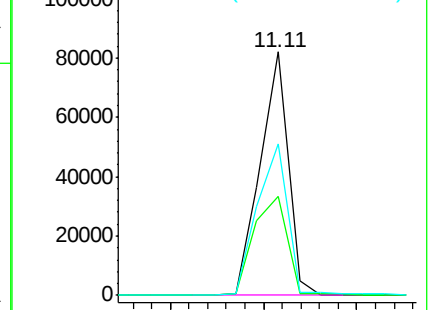
108 62.2 53.8 93.8



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: 53.95 ng

RT: 11.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Tgt Ion: 77 Resp: 401476

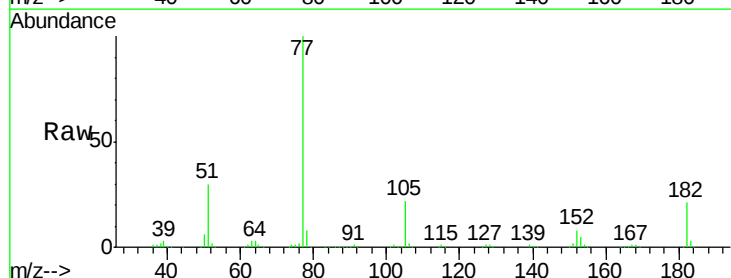
Ion Ratio Lower Upper

77 100

182 21.3 0.0 35.2

105 21.9 0.0 39.5

51 29.8 12.4 52.4

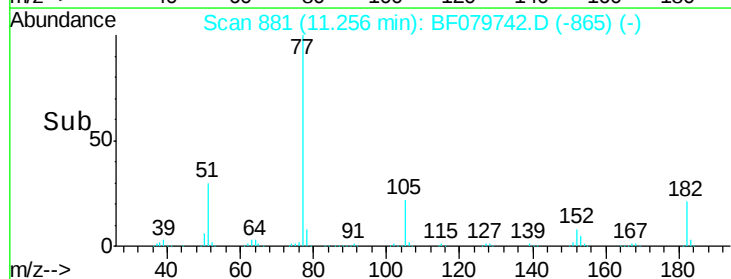
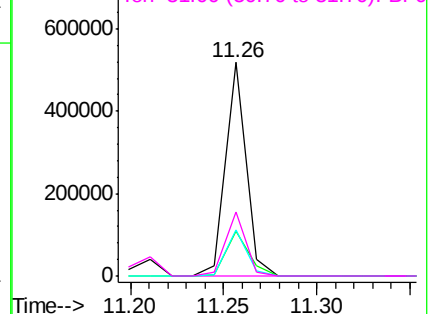


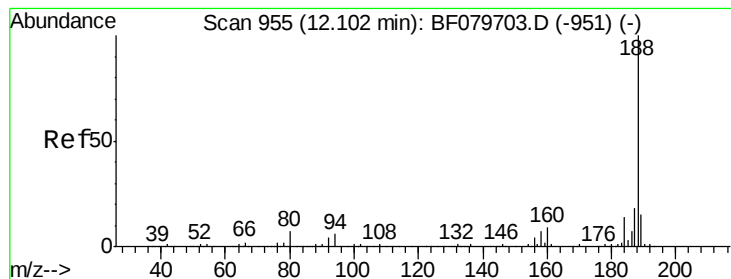
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.08 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

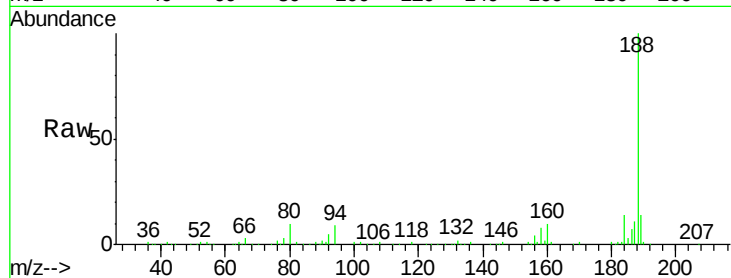
Tot Ion:188 Resp: 212132

Ion Ratio Lower Upper

188 100

94 9.0 5.0 7.4#

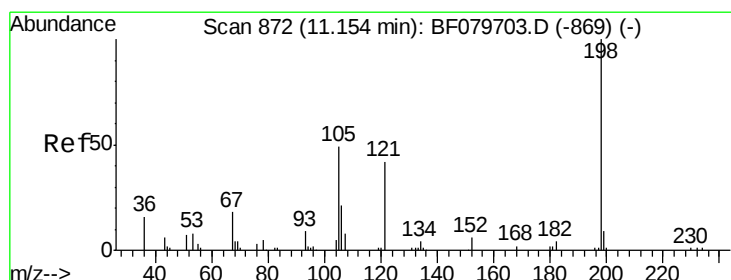
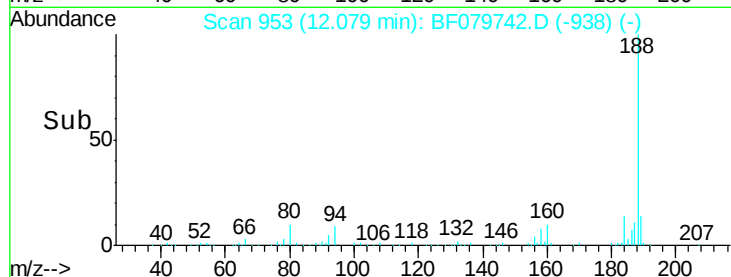
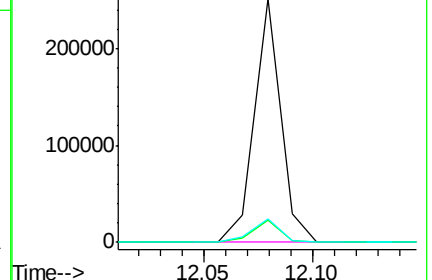
80 9.8 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.40 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

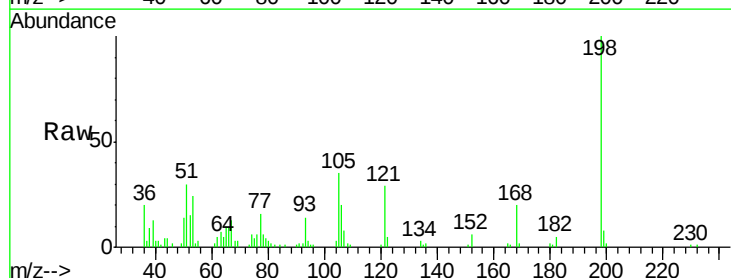
Tgt Ion:198 Resp: 27491

Ion Ratio Lower Upper

198 100

51 30.5 34.4 74.4#

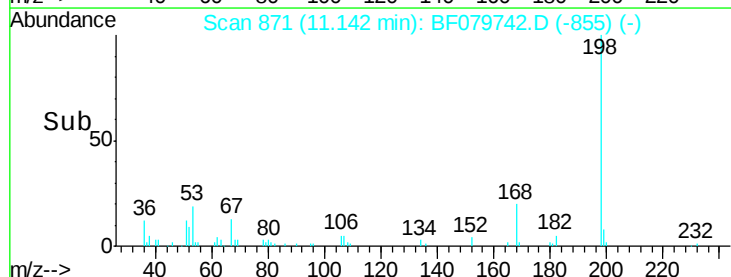
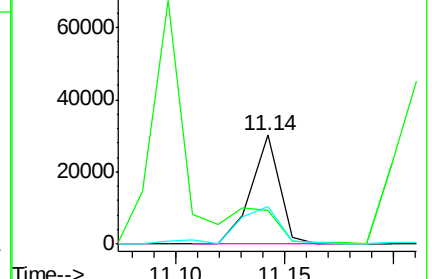
105 34.7 32.7 72.7

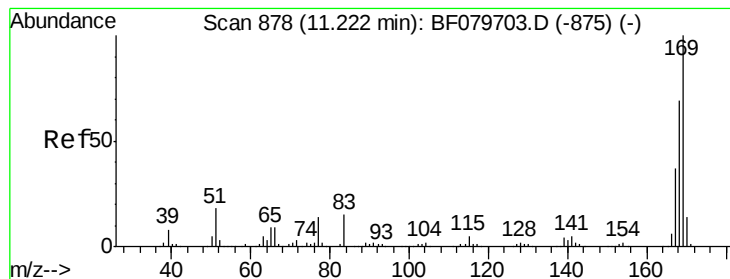


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.61 ng

RT: 11.21 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

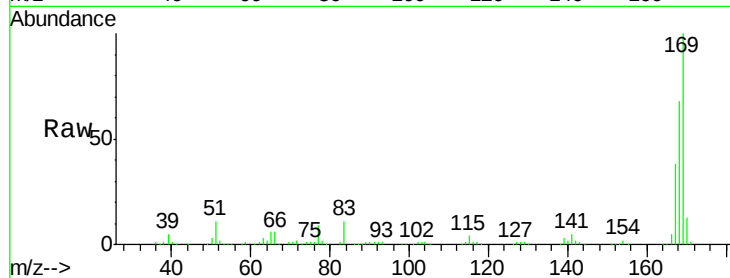
Tot Ion:169 Resp: 344359

Ion Ratio Lower Upper

169 100

168 68.5 54.8 82.2

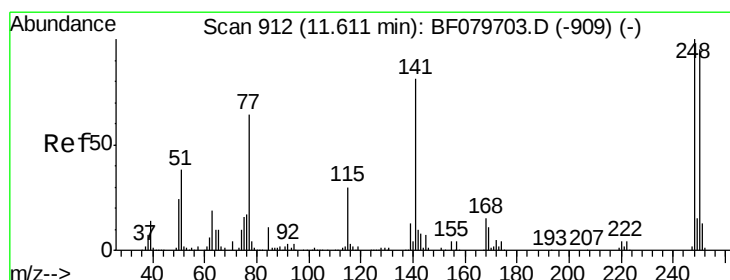
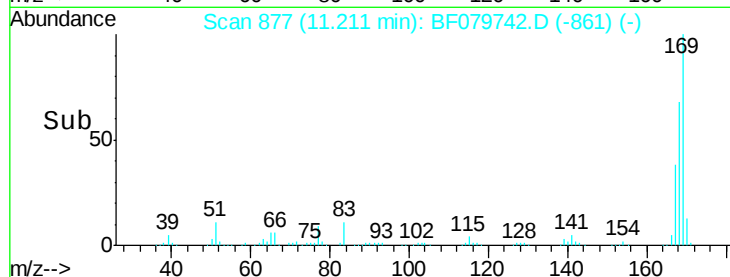
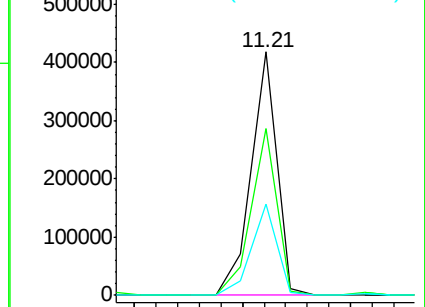
167 37.7 29.7 44.5



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: 51.48 ng

RT: 11.60 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

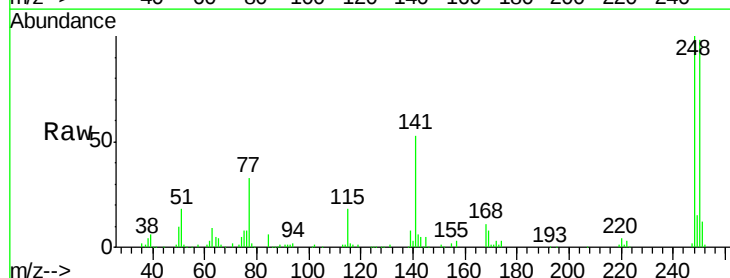
Tgt Ion:248 Resp: 115635

Ion Ratio Lower Upper

248 100

250 98.3 76.1 114.1

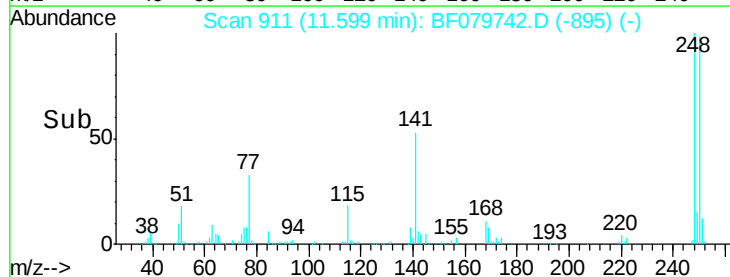
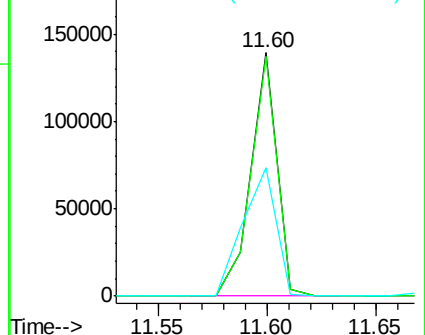
141 52.6 64.6 96.8#

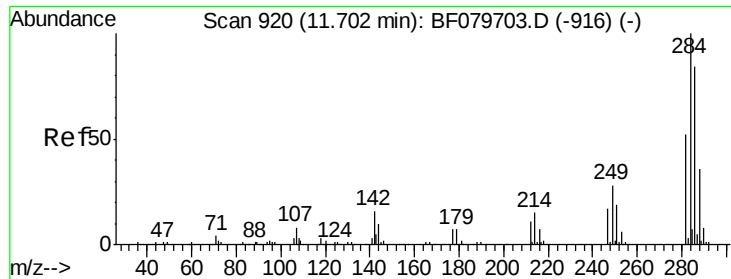


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

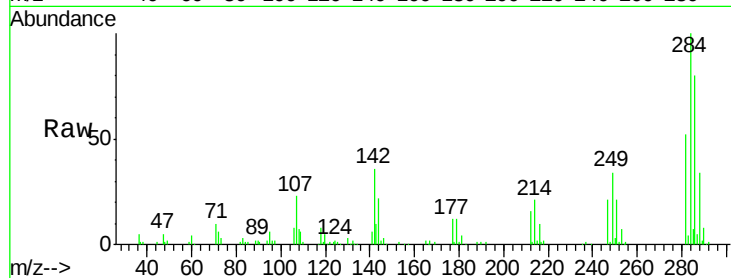




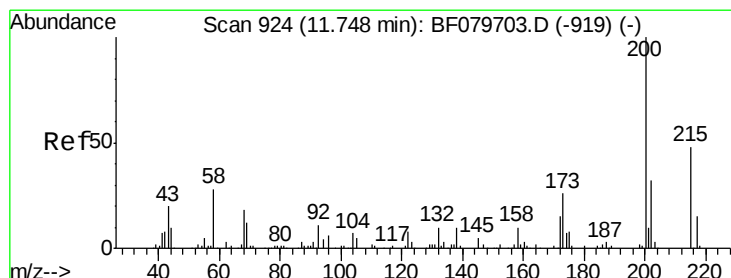
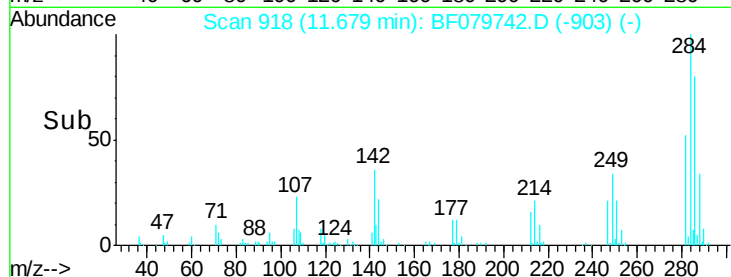
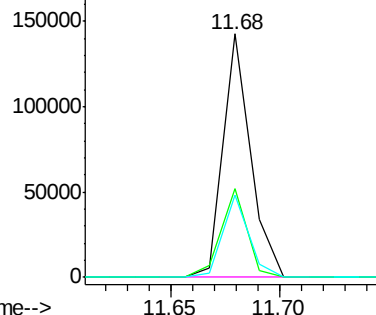
#67  
Hexachlorobenzene  
Concen: 49.14 ng  
RT: 11.68 min Scan# 918  
Delta R.T. -0.02 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:284 Resp: 124603  
Ion Ratio Lower Upper  
284 100  
142 36.3 13.0 19.4#  
249 33.6 22.3 33.5#

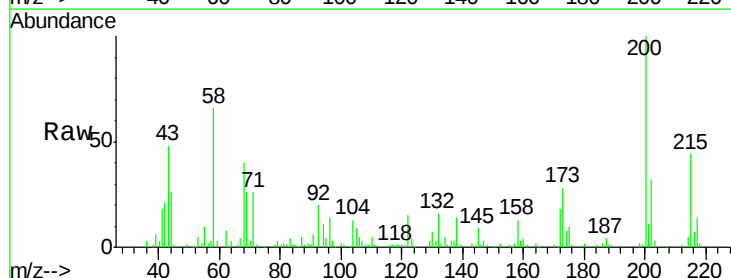


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

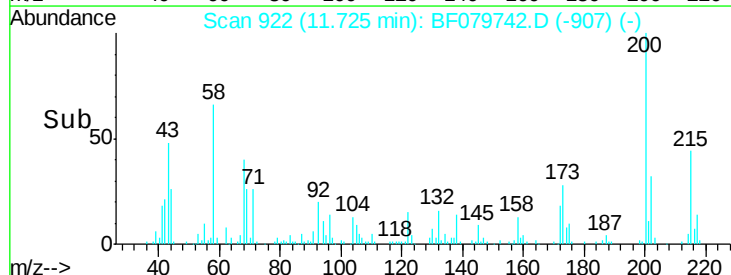
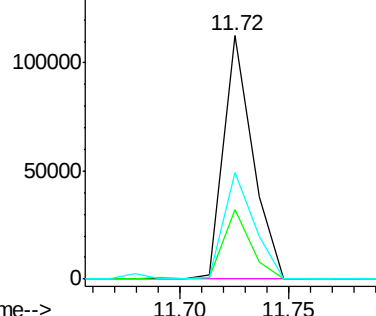


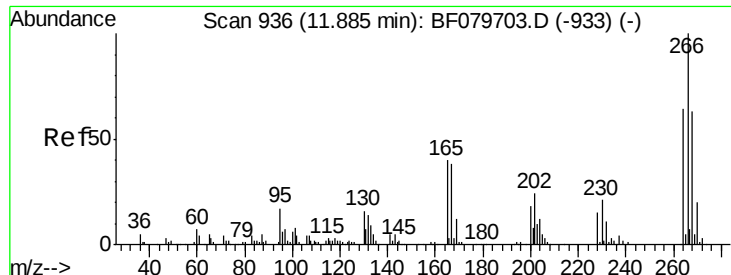
#68  
Atrazine  
Concen: 46.57 ng  
RT: 11.72 min Scan# 922  
Delta R.T. -0.02 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion:200 Resp: 104574  
Ion Ratio Lower Upper  
200 100  
173 28.3 5.5 45.5  
215 43.7 28.5 68.5



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

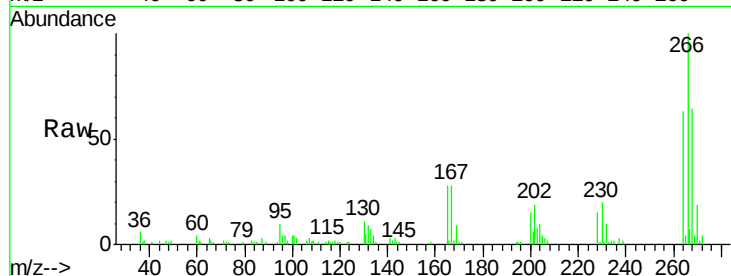




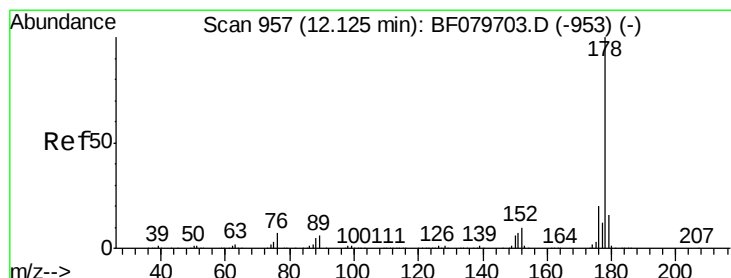
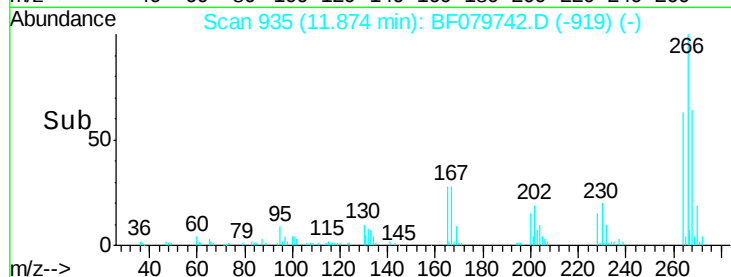
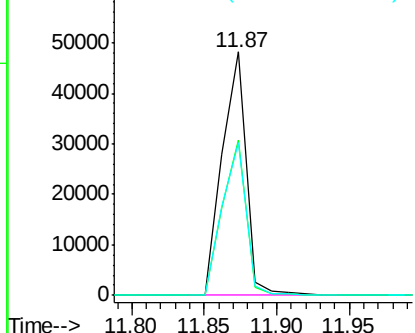
#69  
 Pentachlorophenol  
 Concen: 45.54 ng  
 RT: 11.87 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:266 Resp: 55219  
 Ion Ratio Lower Upper  
 266 100  
 268 63.9 50.4 75.6  
 264 62.9 51.3 76.9

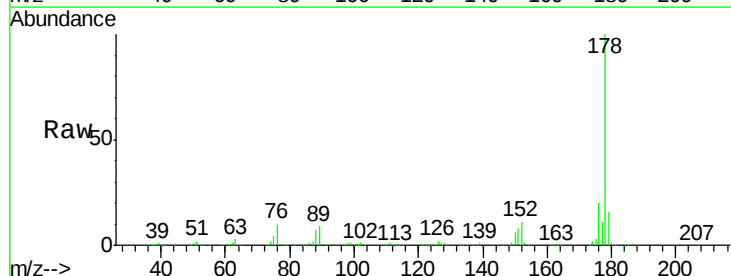


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

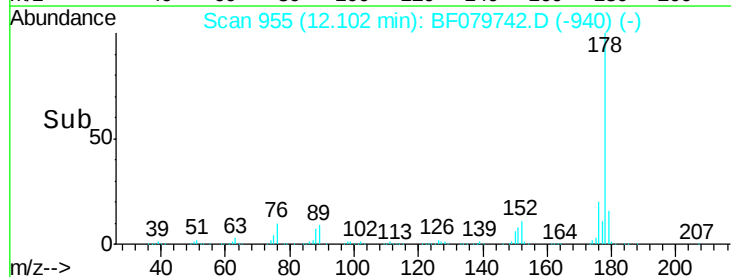
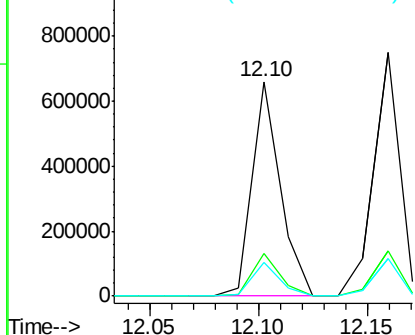


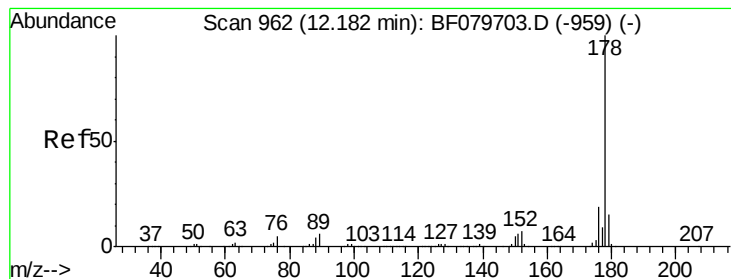
#70  
 Phenanthrene  
 Concen: 48.29 ng  
 RT: 12.10 min Scan# 955  
 Delta R.T. -0.02 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Tgt Ion:178 Resp: 595912  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 16.2 24.4  
 179 15.7 12.6 19.0



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





#71

Anthracene

Concen: 51.21 ng

RT: 12.16 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

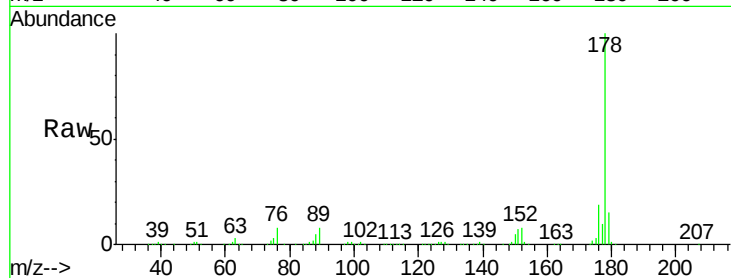
Tot Ion:178 Resp: 625321

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

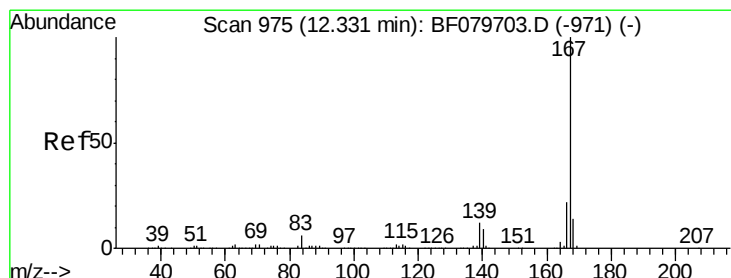
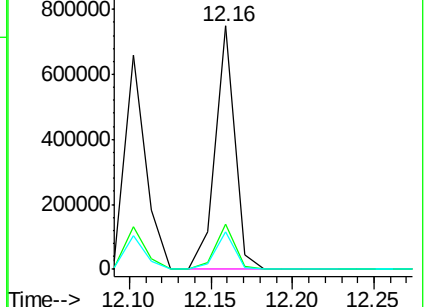
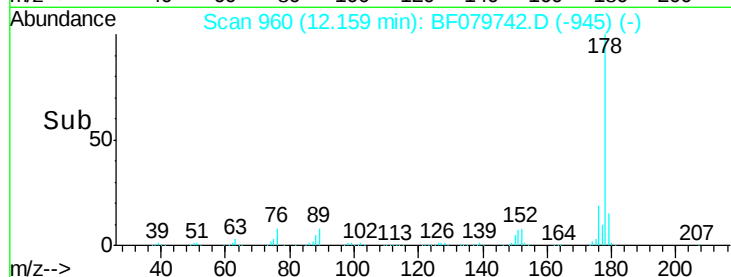
179 15.5 12.2 18.2



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



#72

Carbazole

Concen: 49.78 ng

RT: 12.31 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

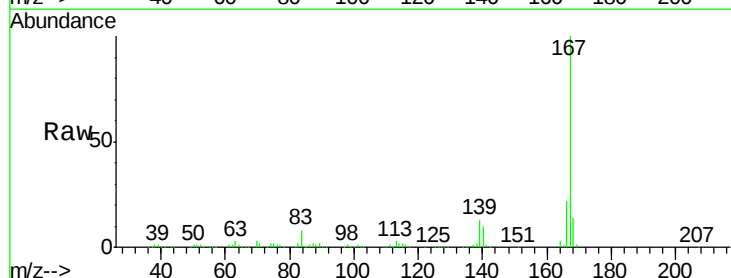
Tgt Ion:167 Resp: 566575

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

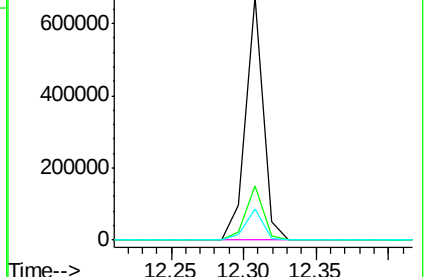
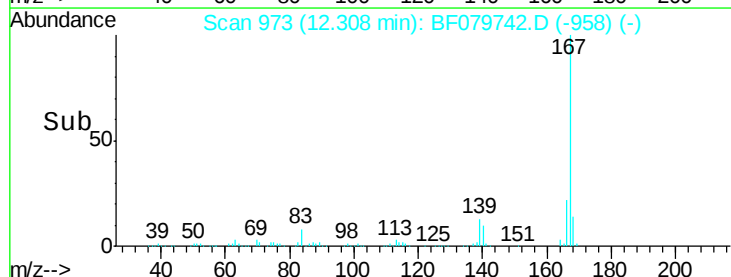
139 12.9 9.3 13.9

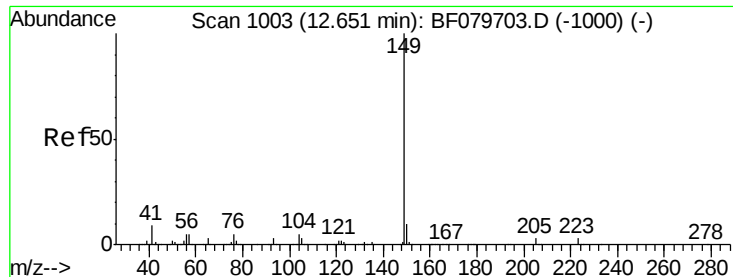


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 12.64 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

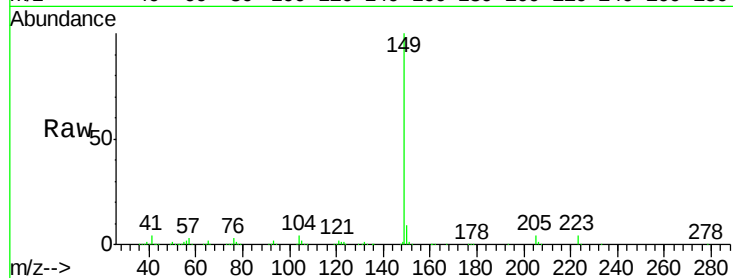
Tot Ion:149 Resp: 642444

Ion Ratio Lower Upper

149 100

150 9.0 9.8 14.8#

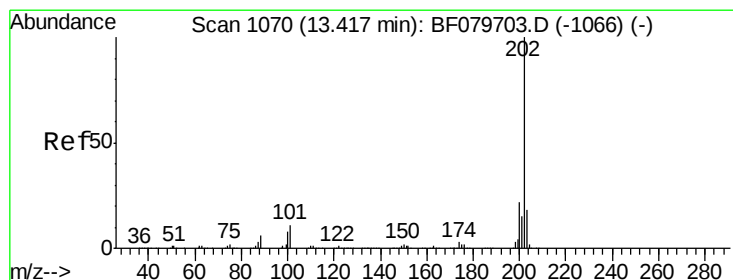
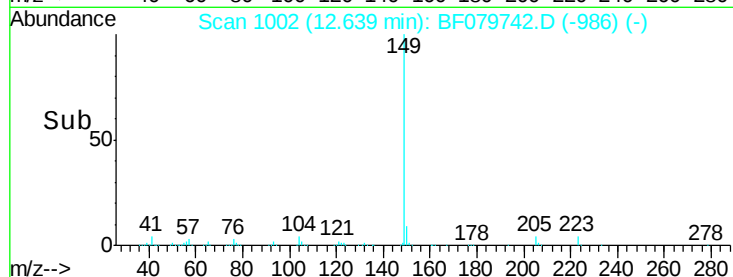
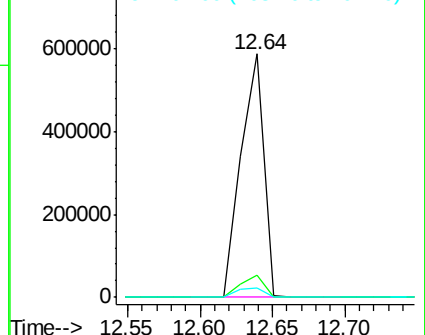
104 3.6 12.9 19.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.81 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

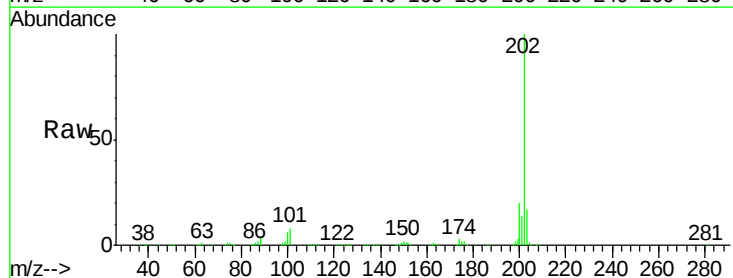
Tgt Ion:202 Resp: 666753

Ion Ratio Lower Upper

202 100

101 7.6 0.0 31.3

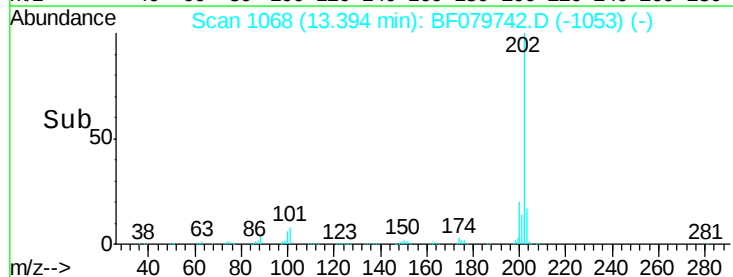
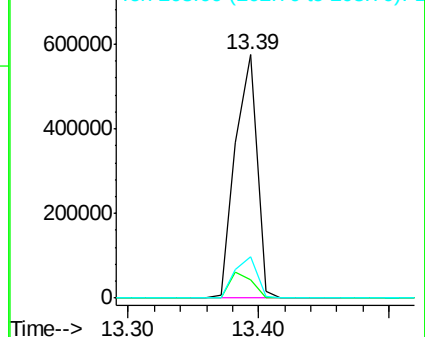
203 17.1 0.0 38.4

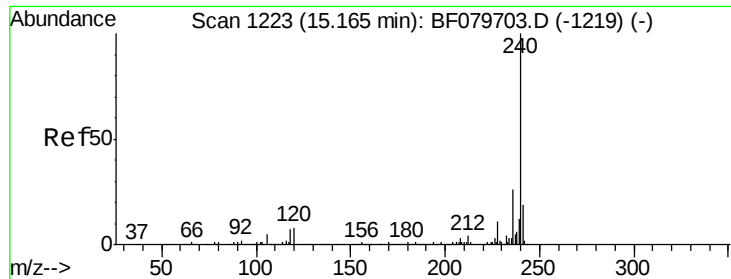


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

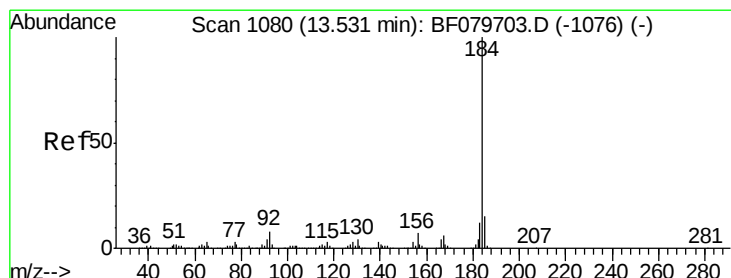
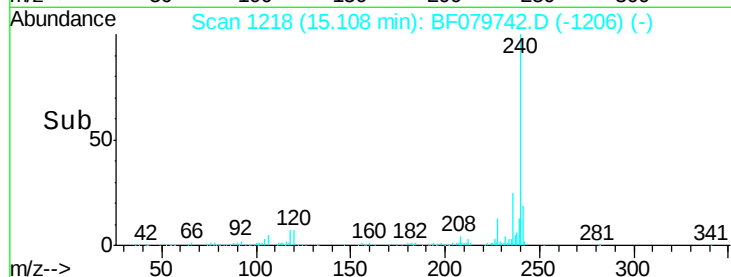
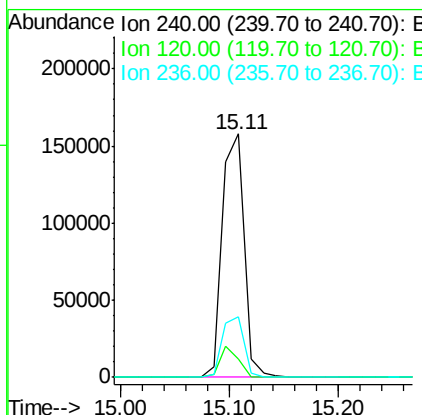
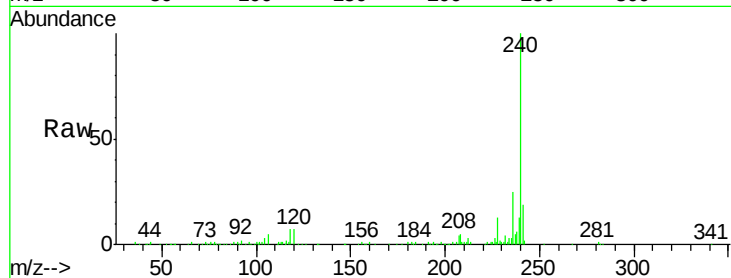




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.11 min Scan# 1218  
Delta R.T. -0.06 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

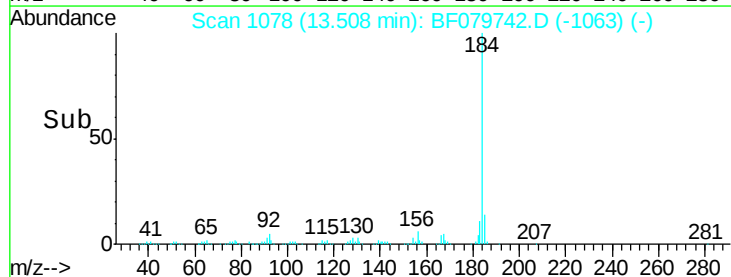
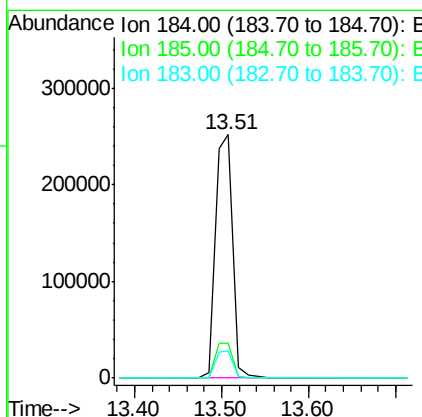
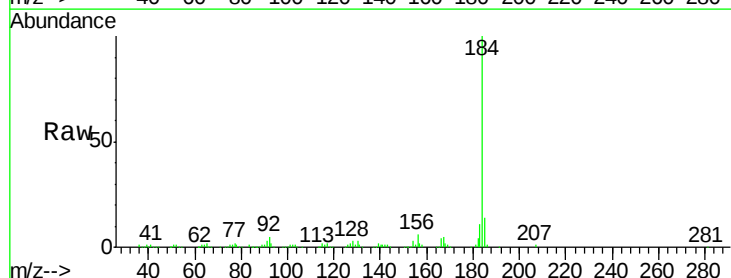
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

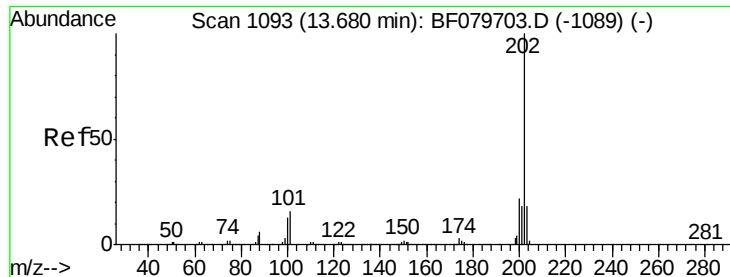
Tot Ion:240 Resp: 220952  
Ion Ratio Lower Upper  
240 100  
120 7.5 6.2 9.2  
236 25.0 21.0 31.4



#76  
Benzidine  
Concen: 53.16 ng  
RT: 13.51 min Scan# 1078  
Delta R.T. -0.02 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion:184 Resp: 353527  
Ion Ratio Lower Upper  
184 100  
185 14.4 12.2 18.2  
183 11.4 9.3 13.9

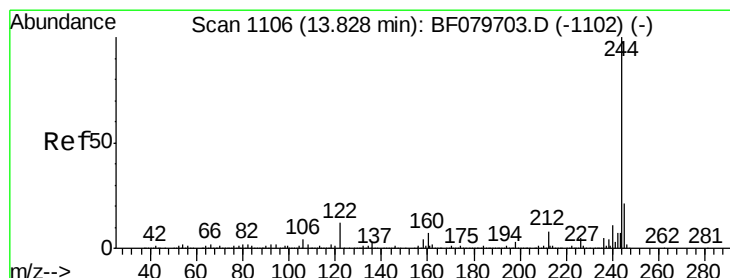
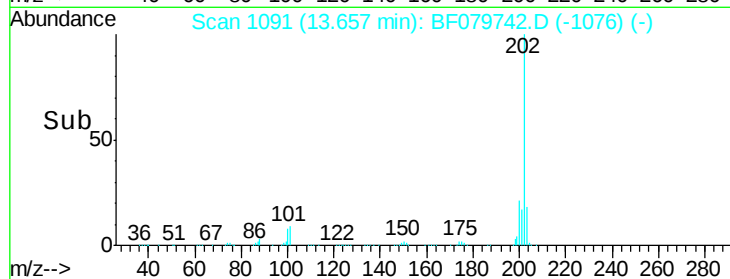
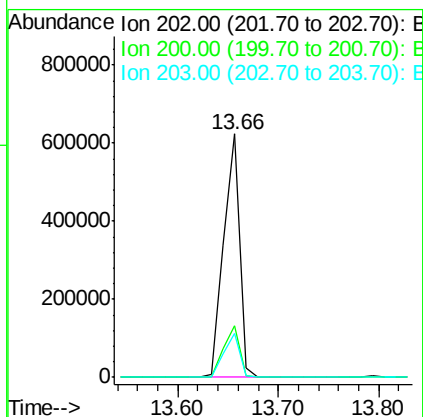
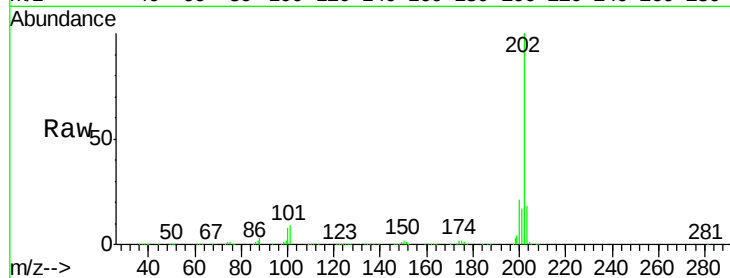




#77  
Pvrene  
Concen: 49.90 ng  
RT: 13.66 min Scan# 1091  
Delta R.T. -0.02 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

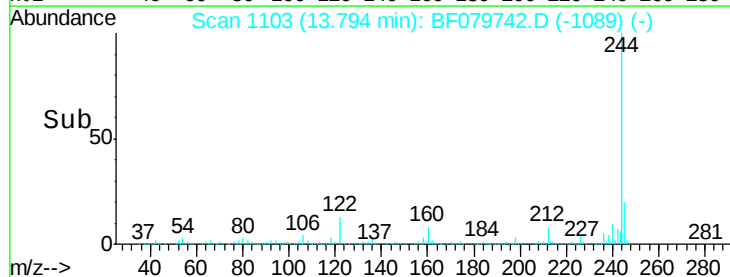
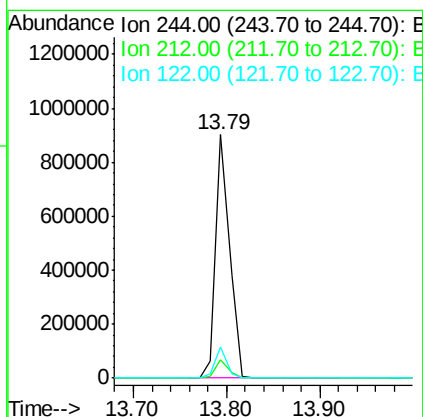
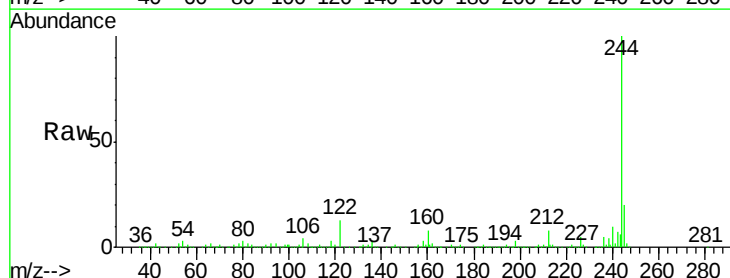
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

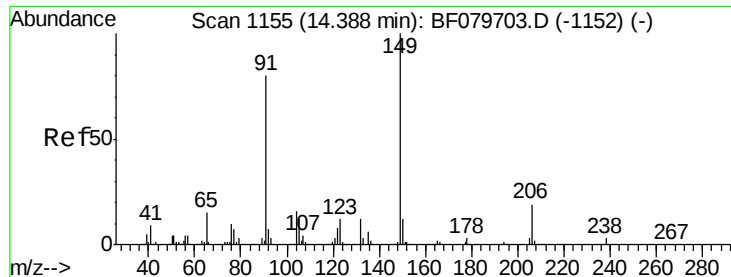
Tot Ion:202 Resp: 685119  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.5 26.3  
203 17.8 14.8 22.2



#78  
Terphenyl-d14  
Concen: 99.58 ng  
RT: 13.79 min Scan# 1103  
Delta R.T. -0.03 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion:244 Resp: 933922  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.1 9.1  
122 13.0 9.3 13.9

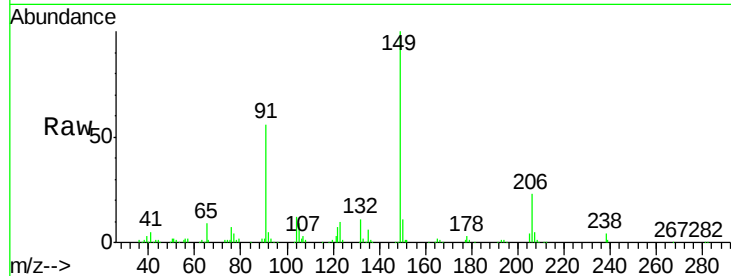




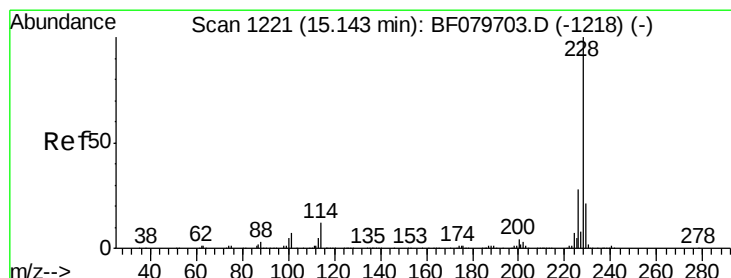
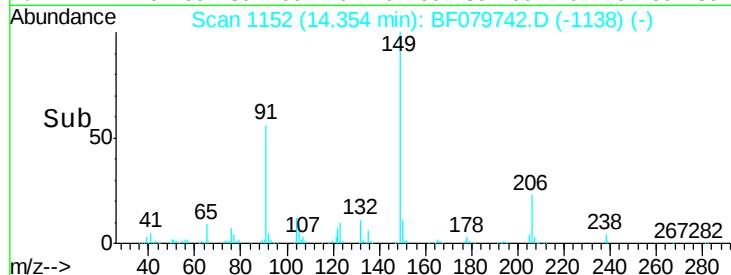
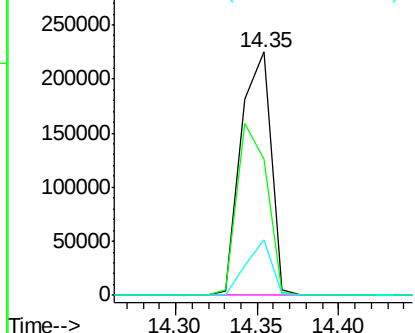
#79  
Butylbenzylphthalate  
Concen: 53.84 ng  
RT: 14.35 min Scan# 1152  
Delta R.T. -0.03 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 55.9  | 64.4  | 96.6# |
| 206     | 23.0  | 14.8  | 22.2# |

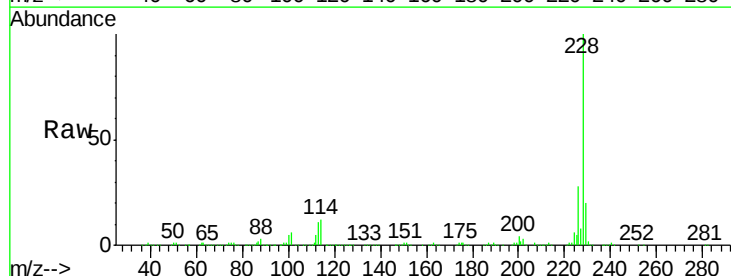


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

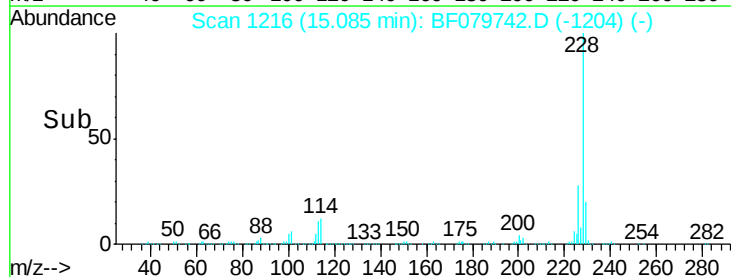
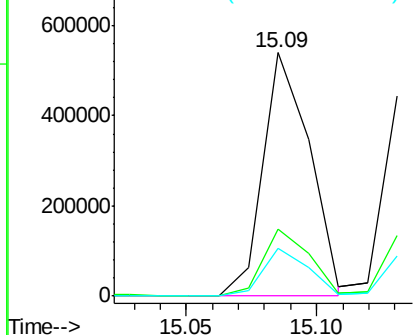


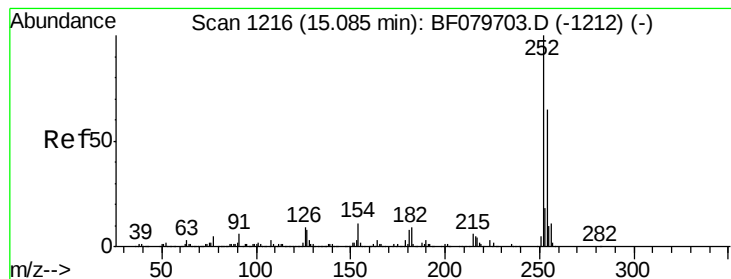
#80  
Benzo(a)anthracene  
Concen: 49.30 ng  
RT: 15.09 min Scan# 1216  
Delta R.T. -0.06 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 22.2  | 33.4  |
| 229     | 19.8  | 16.6  | 25.0  |



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

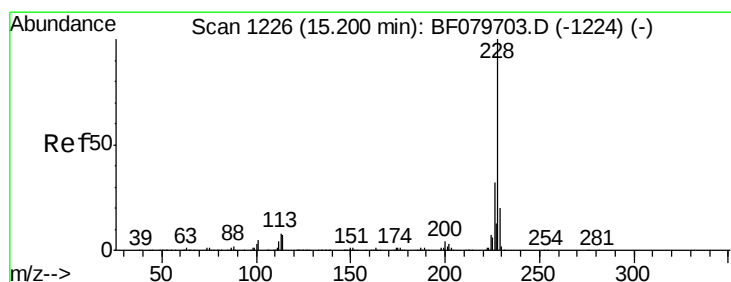
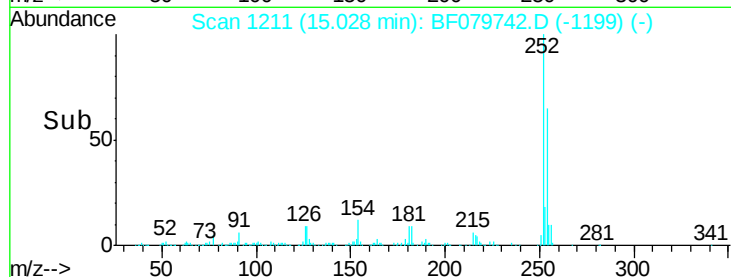
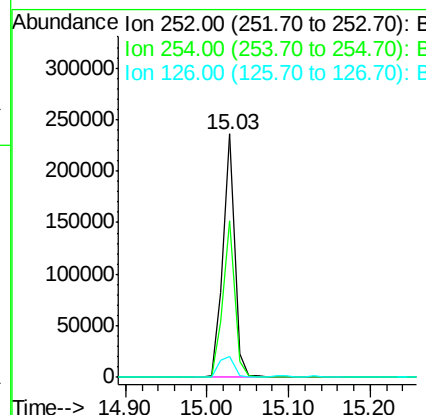
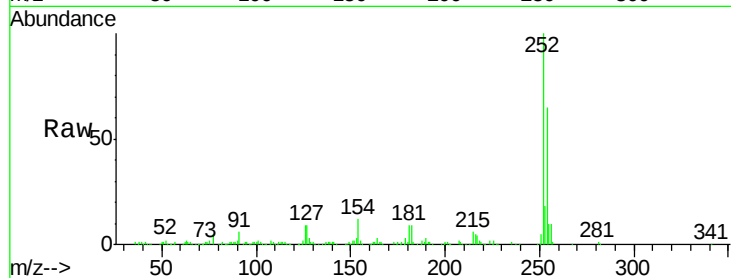




#81  
 3,3'-Dichlorobenzidine  
 Concen: 51.62 ng  
 RT: 15.03 min Scan# 1211  
 Delta R.T. -0.06 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

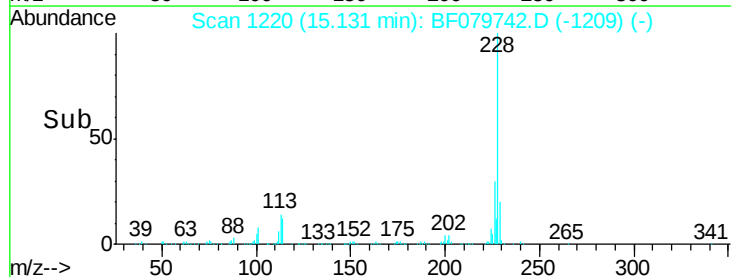
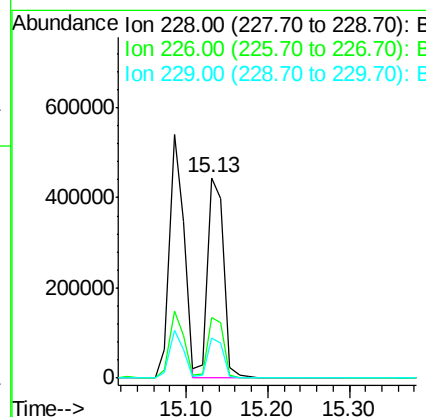
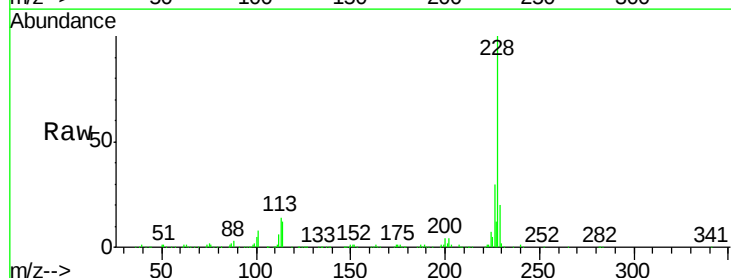
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

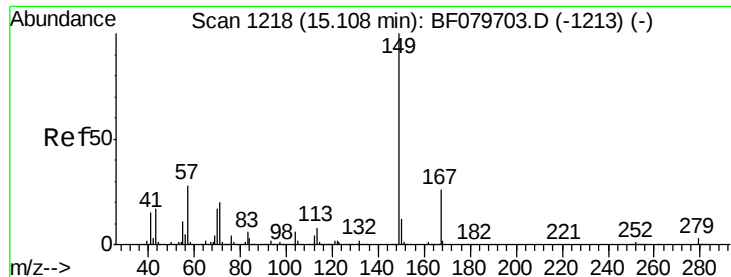
Tot Ion:252 Resp: 239886  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 52.0 78.0  
 126 8.5 6.9 10.3



#82  
 Chrysene  
 Concen: 49.26 ng  
 RT: 15.13 min Scan# 1220  
 Delta R.T. -0.07 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Tgt Ion:228 Resp: 622738  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 25.2 37.8  
 229 20.3 16.2 24.4

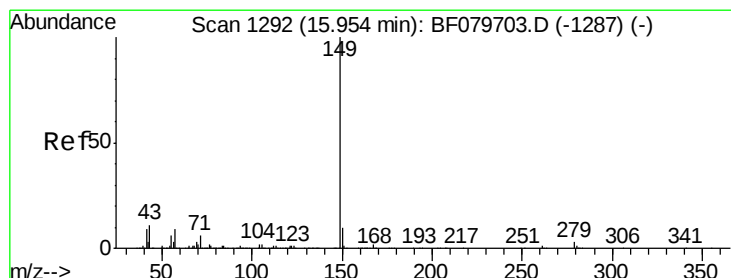
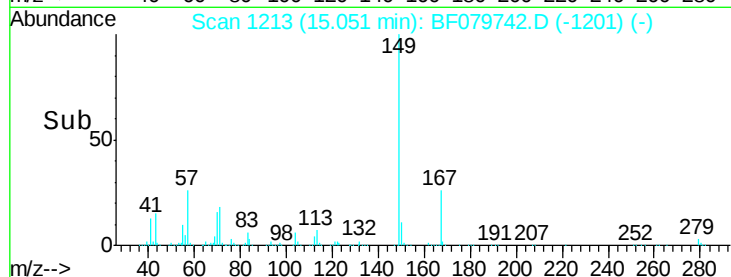
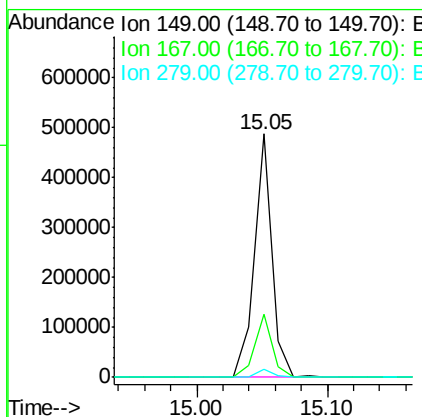
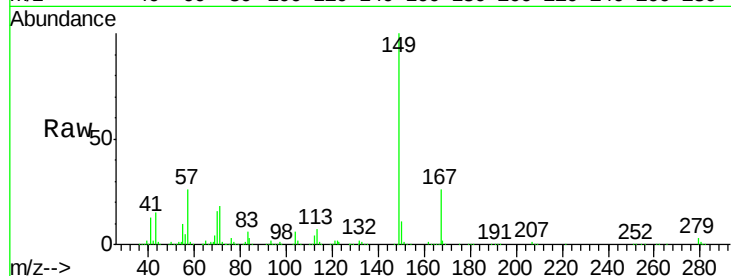




#83  
Bis(2-ethylhexyl)phthalate  
Concen: 55.17 ng  
RT: 15.05 min Scan# 1213  
Delta R.T. -0.06 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

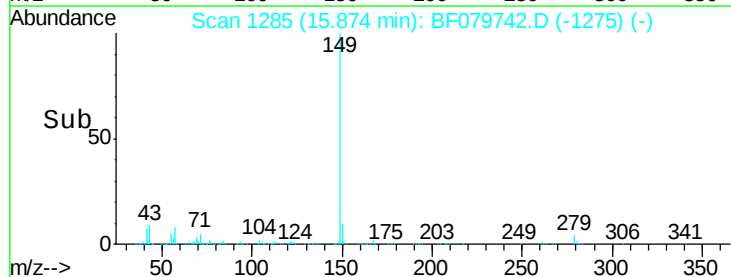
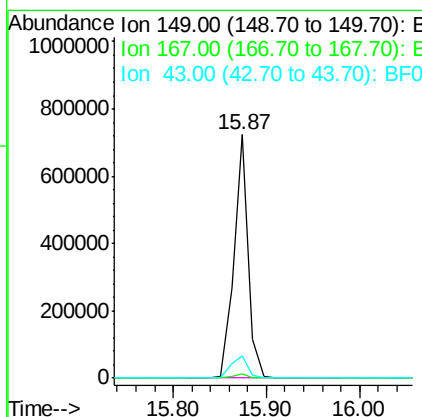
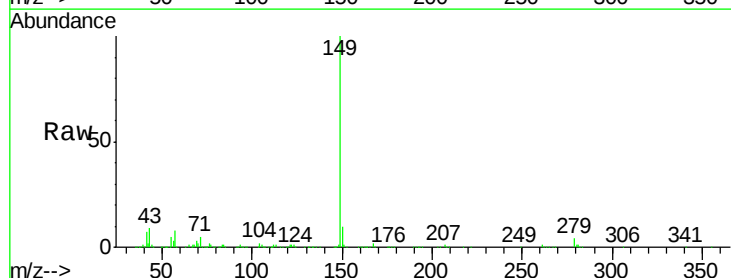
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

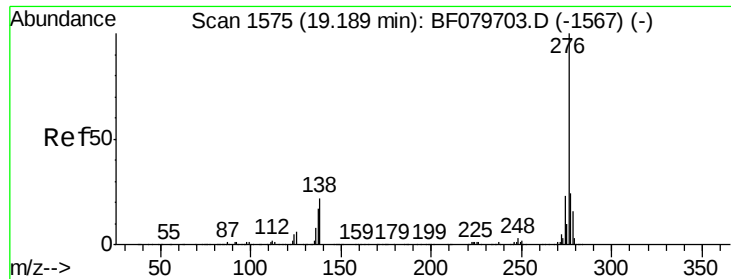
Tot Ion:149 Resp: 458254  
Ion Ratio Lower Upper  
149 100  
167 26.1 20.9 31.3  
279 3.1 2.2 3.2



#84  
Di-n-octyl phthalate  
Concen: 55.36 ng  
RT: 15.87 min Scan# 1285  
Delta R.T. -0.08 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion:149 Resp: 771680  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 10.4 9.0 13.4

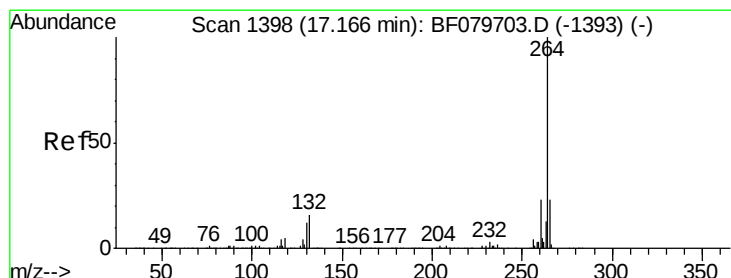
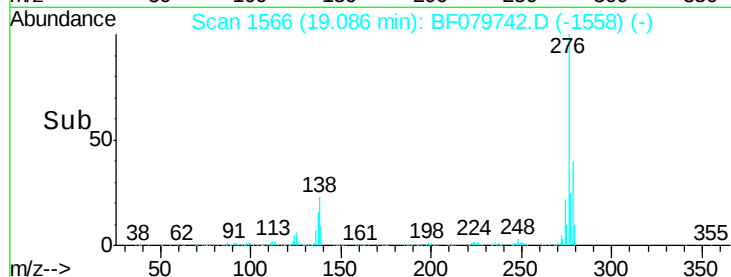
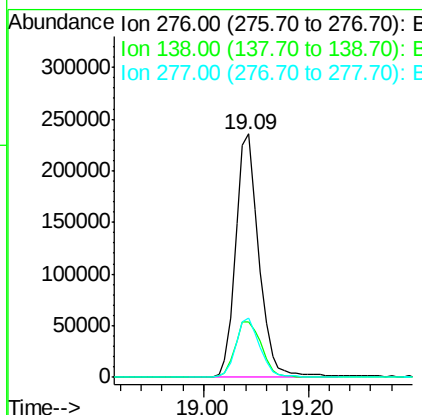
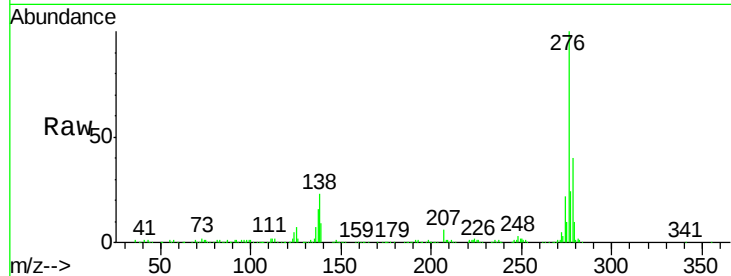




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 51.27 ng  
 RT: 19.09 min Scan# 1566  
 Delta R.T. -0.10 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

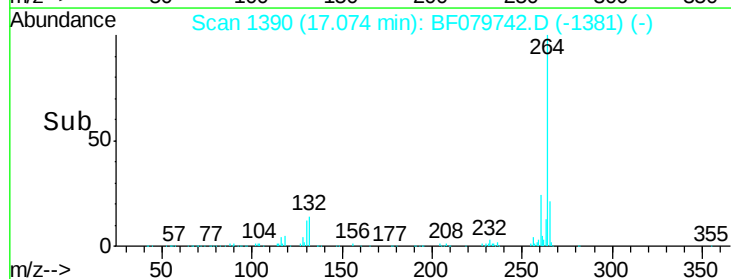
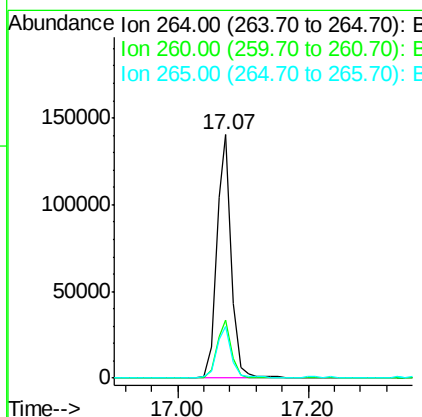
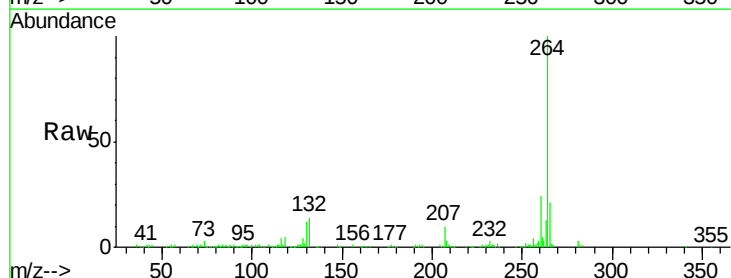
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

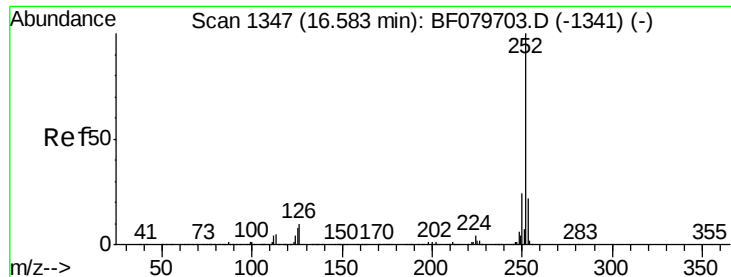
Tot Ion:276 Resp: 731410  
 Ion Ratio Lower Upper  
 276 100  
 138 26.5 20.8 31.2  
 277 25.0 20.0 30.0



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.07 min Scan# 1390  
 Delta R.T. -0.09 min  
 Lab File: BF079742.D  
 Acq: 5 Jun 2015 21:47

Tgt Ion:264 Resp: 220146  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.6 27.8  
 265 21.0 18.2 27.4

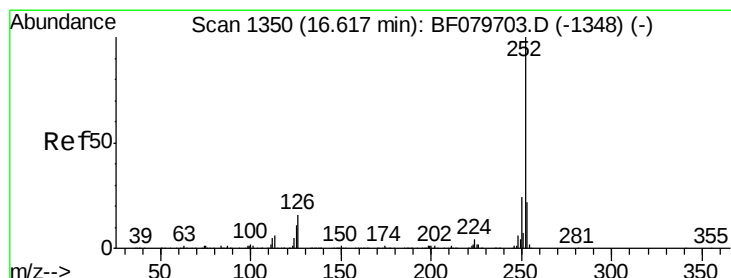
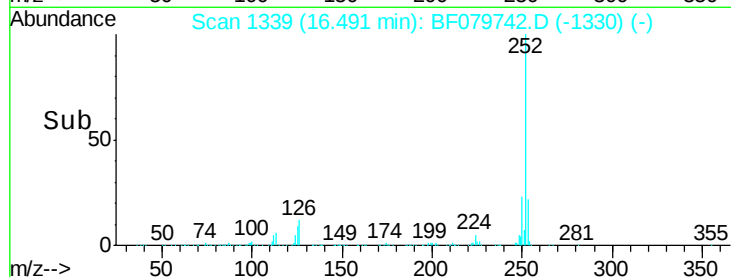
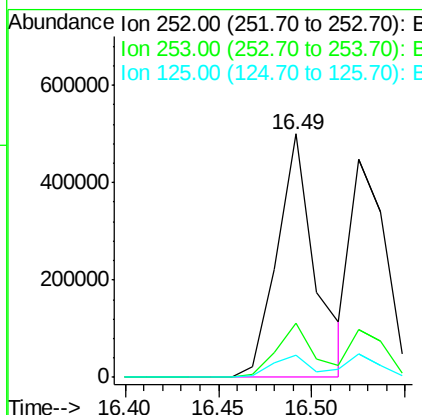
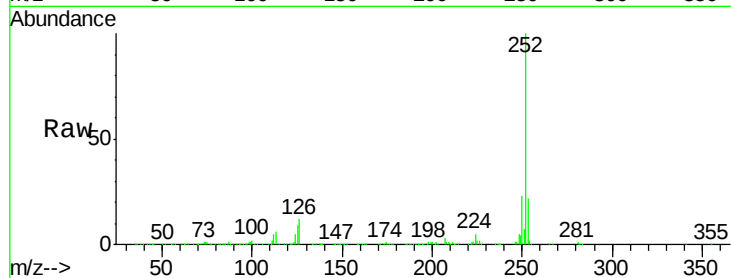




#87  
Benzo(b)fluoranthene  
Concen: 49.95 ng  
RT: 16.49 min Scan# 1339  
Delta R.T. -0.09 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

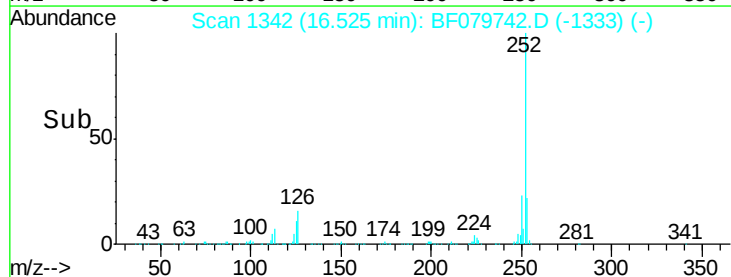
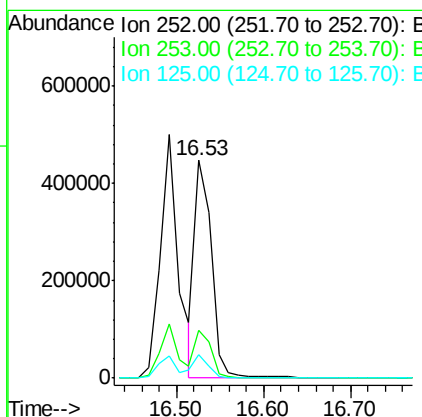
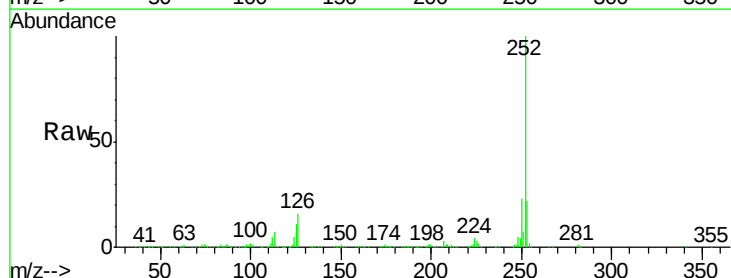
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

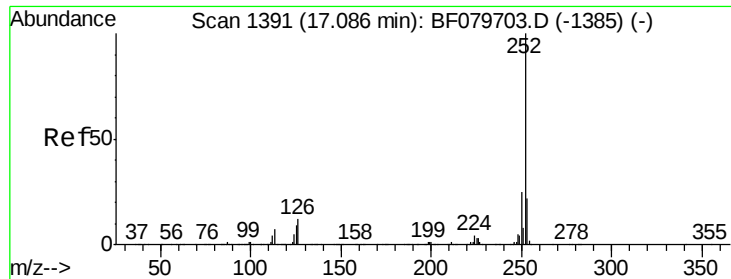
Tot Ion:252 Resp: 709320  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 9.1 6.5 9.7



#88  
Benzo(k)fluoranthene  
Concen: 43.74 ng  
RT: 16.53 min Scan# 1342  
Delta R.T. -0.09 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion:252 Resp: 592737  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 10.9 8.4 12.6

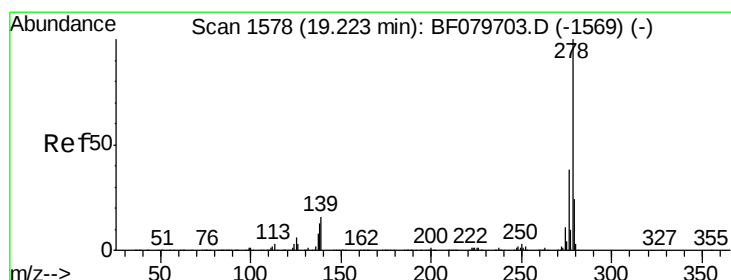
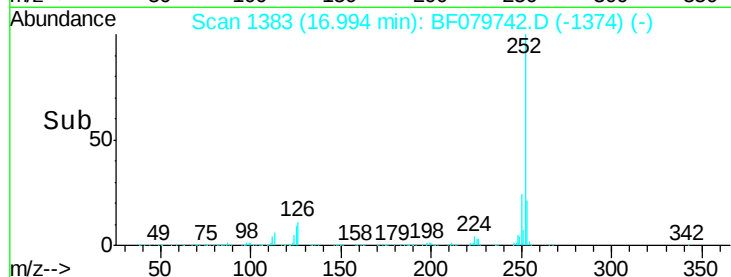
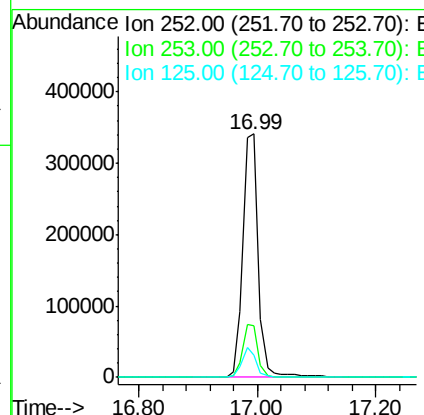
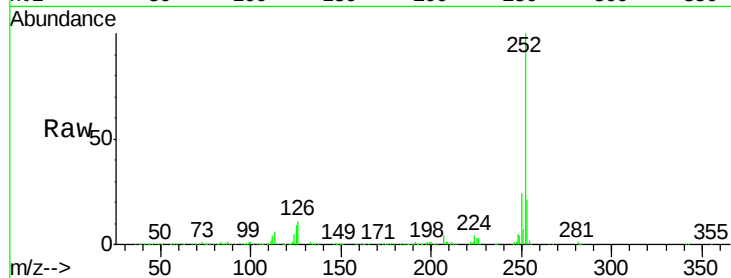




#89  
Benzo(a)pyrene  
Concen: 47.26 ng  
RT: 16.99 min Scan# 1383  
Delta R.T. -0.09 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

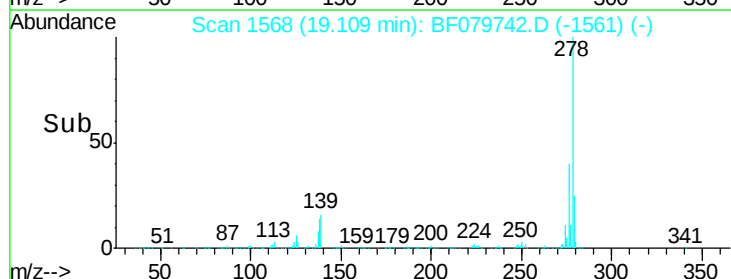
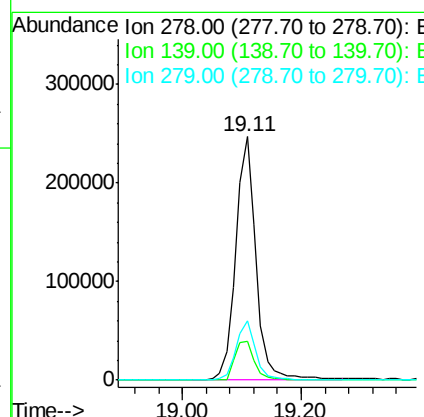
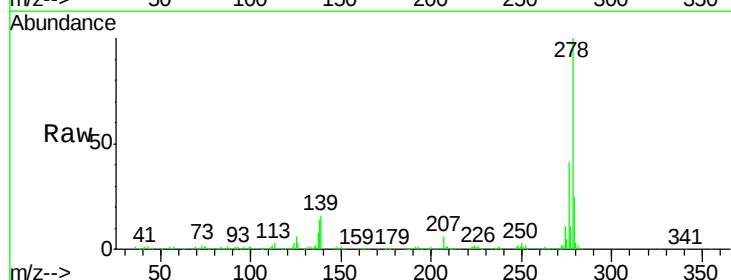
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

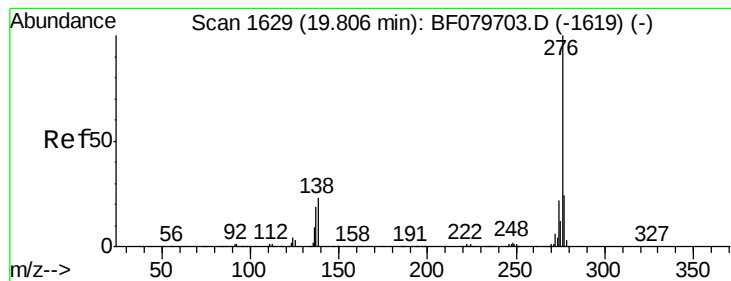
Tot Ion:252 Resp: 613149  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.6 26.4  
125 9.0 7.4 11.0



#90  
Dibenzo(a,h)anthracene  
Concen: 48.80 ng  
RT: 19.11 min Scan# 1568  
Delta R.T. -0.11 min  
Lab File: BF079742.D  
Acq: 5 Jun 2015 21:47

Tgt Ion:278 Resp: 584901  
Ion Ratio Lower Upper  
278 100  
139 15.8 12.7 19.1  
279 24.6 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 49.52 ng

RT: 19.69 min Scan# 1619

Delta R.T. -0.11 min

Lab File: BF079742.D

Acq: 5 Jun 2015 21:47

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

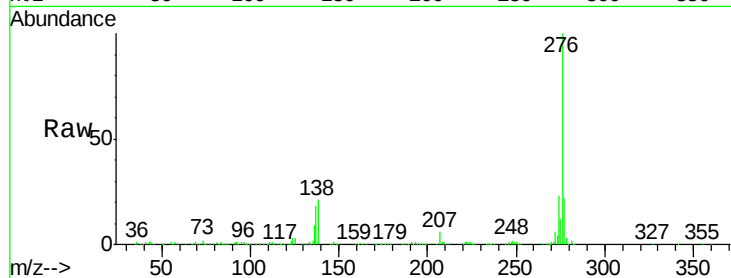
Tot Ion:276 Resp: 606874

Ion Ratio Lower Upper

276 100

277 22.4 18.8 28.2

138 21.3 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

