

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\  
 Data File : BF079698.D  
 Acq On : 4 Jun 2015 10:16  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jun 05 12:02:20 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 10:52:02 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 86127    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.82  | 136  | 331339   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10      | 10.59 | 164  | 181183   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.13 | 188  | 332699   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 15.26 | 240  | 352773   | 20.00 | ng    | -0.13    |
| 86) Perylene-d12          | 17.30 | 264  | 331864   | 20.00 | ng    | -0.18    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 6.14  | 112 | 410980  | 86.60 | ng | 0.00  |
| 7) Phenol-d6                | 7.11  | 99  | 529983  | 84.95 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.08  | 82  | 501921  | 87.88 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 11.39 | 330 | 130127  | 87.02 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.90  | 172 | 1059921 | 88.87 | ng | 0.01  |
| 78) Terphenyl-d14           | 13.90 | 244 | 1211453 | 87.24 | ng | -0.06 |

|                                |      |     |        |       |        |      |
|--------------------------------|------|-----|--------|-------|--------|------|
| Target Compounds               |      |     |        |       | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.60 | 88  | 87021  | 39.62 | ng     | 98   |
| 3) Pyridine                    | 4.31 | 79  | 241309 | 38.22 | ng     | 98   |
| 4) n-Nitrosodimethylamine      | 4.23 | 42  | 108766 | 38.64 | ng     | 99   |
| 6) Aniline                     | 7.18 | 93  | 386704 | 43.19 | ng     | 95   |
| 8) 2-Chlorophenol              | 7.30 | 128 | 230393 | 41.72 | ng     | 93   |
| 9) Benzaldehyde                | 7.07 | 77  | 157705 | 43.61 | ng     | 80   |
| 10) Phenol                     | 7.13 | 94  | 281926 | 42.15 | ng     | 90   |
| 11) bis(2-Chloroethyl)ether    | 7.23 | 93  | 237479 | 44.54 | ng     | 96   |
| 12) 1,3-Dichlorobenzene        | 7.46 | 146 | 261197 | 41.37 | ng     | 97   |
| 13) 1,4-Dichlorobenzene        | 7.54 | 146 | 289334 | 44.81 | ng     | 97   |
| 14) 1,2-Dichlorobenzene        | 7.70 | 146 | 255609 | 43.73 | ng     | 98   |
| 15) Benzyl Alcohol             | 7.64 | 79  | 198354 | 43.62 | ng     | # 90 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.78 | 45  | 358332 | 40.31 | ng     | 99   |
| 17) 2-Methylphenol             | 7.75 | 107 | 188788 | 41.41 | ng     | 94   |
| 18) Hexachloroethane           | 8.04 | 117 | 74136  | 35.08 | ng     | 99   |
| 19) n-Nitroso-di-n-propylamine | 7.91 | 70  | 191758 | 44.92 | ng     | 98   |
| 20) 3+4-Methylphenols          | 7.90 | 107 | 257375 | 42.63 | ng     | 94   |
| 22) Acetophenone               | 7.92 | 105 | 347693 | 44.84 | ng     | # 96 |
| 24) Nitrobenzene               | 8.09 | 77  | 229345 | 41.30 | ng     | 93   |
| 25) Isophorone                 | 8.33 | 82  | 480453 | 42.55 | ng     | 97   |
| 26) 2-Nitrophenol              | 8.42 | 139 | 77756  | 42.40 | ng     | # 70 |
| 27) 2,4-Dimethylphenol         | 8.43 | 122 | 225176 | 43.57 | ng     | 96   |
| 28) bis(2-Chloroethoxy)methane | 8.54 | 93  | 265475 | 40.92 | ng     | # 98 |
| 29) 2,4-Dichlorophenol         | 8.66 | 162 | 194632 | 42.22 | ng     | 90   |
| 30) 1,2,4-Trichlorobenzene     | 8.75 | 180 | 240926 | 46.38 | ng     | 98   |
| 31) Naphthalene                | 8.83 | 128 | 691868 | 39.94 | ng     | 99   |
| 32) Benzoic acid               | 8.49 | 122 | 81233  | 52.70 | ng     | 94   |
| 33) 4-Chloroaniline            | 8.87 | 127 | 392555 | 41.68 | ng     | 96   |
| 34) Hexachlorobutadiene        | 8.96 | 225 | 132513 | 45.51 | ng     | 99   |
| 35) Caprolactam                | 9.21 | 113 | 60231  | 47.46 | ng     | # 79 |
| 36) 4-Chloro-3-methylphenol    | 9.34 | 107 | 208037 | 44.22 | ng     | # 81 |
| 37) 2-Methylnaphthalene        | 9.53 | 142 | 465877 | 40.32 | ng     | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.70 | 216 | 239919 | 41.26 | ng     | 99   |
| 40) Hexachlorocyclopentadiene  | 9.69 | 237 | 24898  | 8.98  | ng     | 96   |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

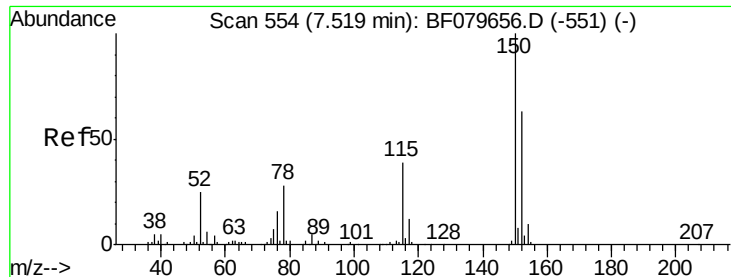
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jun 05 12:02:20 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 10:52:02 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.80  | 196  | 153101   | 48.42 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.84  | 196  | 140379   | 40.08 | nq #  | 88       |
| 45) 1,1'-Biphenyl              | 10.00 | 154  | 593857   | 42.50 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 10.03 | 162  | 454380   | 41.51 | nq    | 97       |
| 47) 2-Nitroaniline             | 10.11 | 65   | 99945    | 44.34 | nq #  | 43       |
| 48) Acenaphthylene             | 10.46 | 152  | 745210   | 41.07 | nq    | 99       |
| 49) Dimethylphthalate          | 10.27 | 163  | 517428   | 38.98 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 10.34 | 165  | 78373    | 37.16 | nq #  | 87       |
| 51) Acenaphthene               | 10.63 | 154  | 426187   | 38.76 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.51 | 138  | 115664   | 44.46 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 10.63 | 184  | 3188     | 5.32  | nq #  | 1        |
| 54) Dibenzofuran               | 10.80 | 168  | 638954   | 40.03 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.65 | 139  | 80355    | 38.30 | nq #  | 70       |
| 56) 2,4-Dinitrotoluene         | 10.75 | 165  | 103892   | 40.94 | nq #  | 85       |
| 57) Fluorene                   | 11.15 | 166  | 504133   | 38.65 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.91 | 232  | 117520   | 48.41 | nq    | 95       |
| 59) Diethylphthalate           | 10.98 | 149  | 514304   | 40.34 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.13 | 204  | 252143   | 42.83 | nq    | 97       |
| 61) 4-Nitroaniline             | 11.14 | 138  | 115056   | 44.83 | nq #  | 71       |
| 62) Azobenzene                 | 11.29 | 77   | 499813   | 41.93 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 11.17 | 198  | 5395     | 12.65 | nq #  | 68       |
| 65) n-Nitrosodiphenylamine     | 11.25 | 169  | 439653   | 42.08 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.63 | 248  | 155562   | 46.60 | nq #  | 81       |
| 67) Hexachlorobenzene          | 11.71 | 284  | 157968   | 40.27 | nq #  | 71       |
| 68) Atrazine                   | 11.76 | 200  | 113795   | 42.53 | nq    | 97       |
| 69) Pentachlorophenol          | 11.91 | 266  | 76087    | 52.95 | nq    | 98       |
| 70) Phenanthrene               | 12.15 | 178  | 755598   | 41.08 | nq    | 100      |
| 71) Anthracene                 | 12.21 | 178  | 765403   | 41.36 | nq    | 99       |
| 72) Carbazole                  | 12.35 | 167  | 684846   | 40.30 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.69 | 149  | 850657   | 45.67 | nq #  | 82       |
| 74) Fluoranthene               | 13.46 | 202  | 799351   | 40.30 | nq    | 99       |
| 76) Benzidine                  | 13.59 | 184  | 505847   | 63.03 | nq    | 99       |
| 77) Pyrene                     | 13.74 | 202  | 817269   | 40.24 | nq    | 99       |
| 79) Butylbenzylphthalate       | 14.47 | 149  | 356096   | 50.23 | nq    | 91       |
| 80) Benzo(a)anthracene         | 15.25 | 228  | 822728   | 42.65 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.18 | 252  | 304472   | 52.83 | nq #  | 98       |
| 82) Chrysene                   | 15.29 | 228  | 790004   | 40.70 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 15.21 | 149  | 550333   | 47.57 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 16.08 | 149  | 937958   | 53.33 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.36 | 276  | 813116   | 42.84 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 16.71 | 252  | 797818   | 46.52 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 16.75 | 252  | 769742   | 38.31 | nq    | 100      |
| 89) Benzo(a)pyrene             | 17.22 | 252  | 738305   | 44.03 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.38 | 278  | 676863   | 43.08 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.98 | 276  | 658165   | 39.49 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

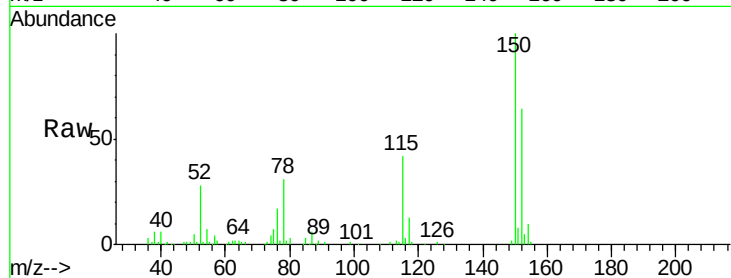
Tot Ion:152 Resp: 86127

Ion Ratio Lower Upper

152 100

150 155.1 126.7 190.1

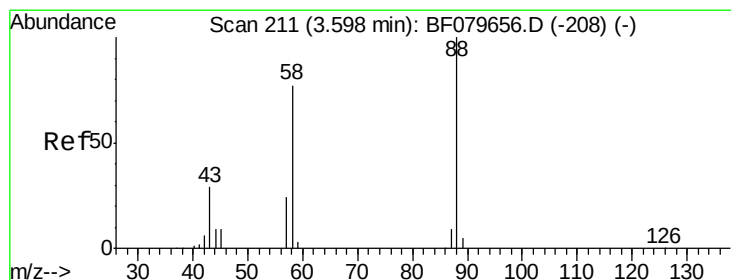
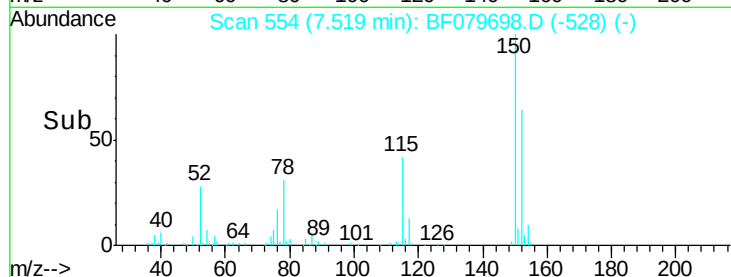
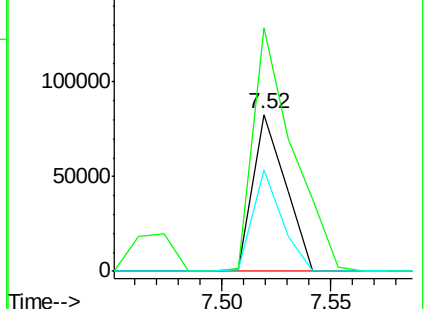
115 64.9 49.2 73.8



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: 39.62 ng

RT: 3.60 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

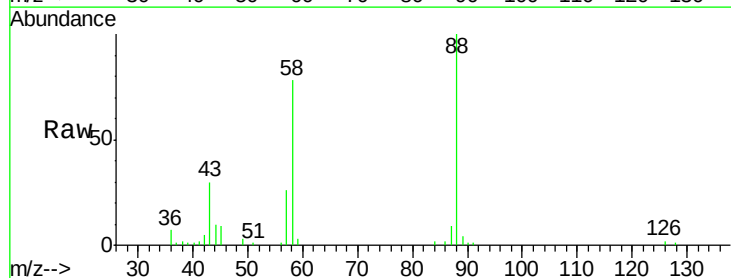
Tgt Ion: 88 Resp: 87021

Ion Ratio Lower Upper

88 100

58 79.4 64.2 96.2

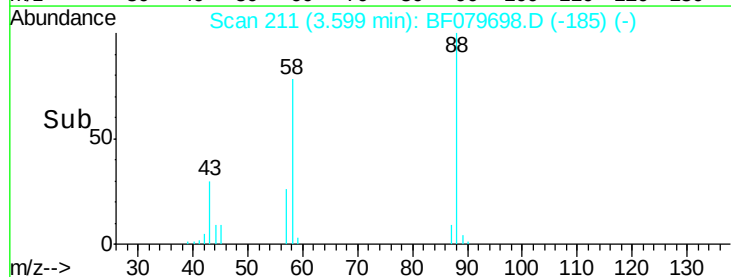
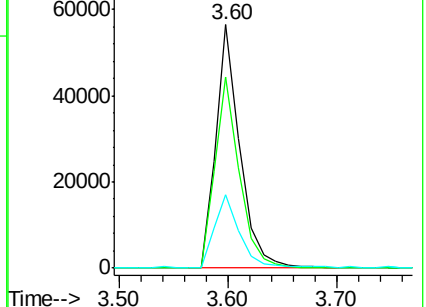
43 32.3 24.4 36.6

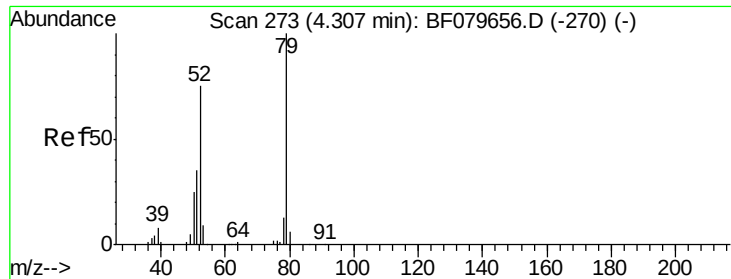


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.22 ng

RT: 4.31 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

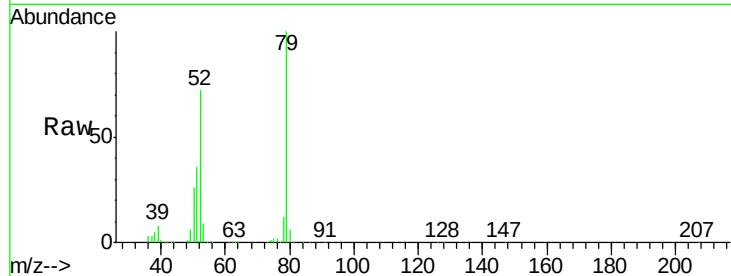
Tot Ion: 79 Resp: 241309

Ion Ratio Lower Upper

79 100

52 72.3 60.1 90.1

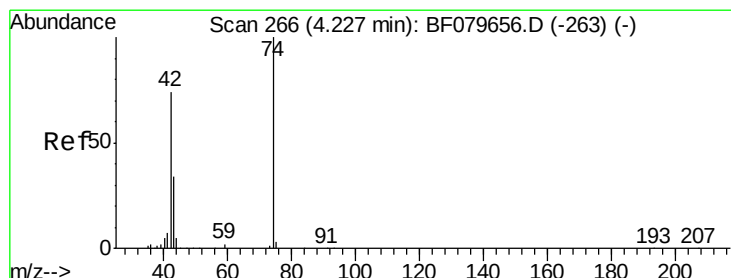
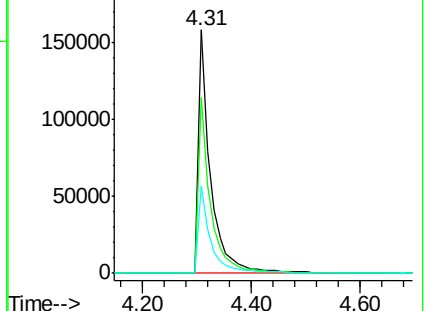
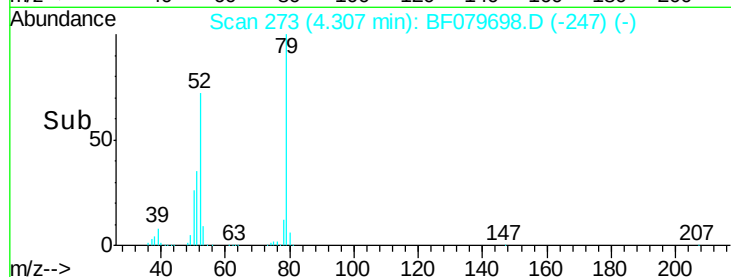
51 35.7 28.2 42.4



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: 38.64 ng

RT: 4.23 min Scan# 266

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

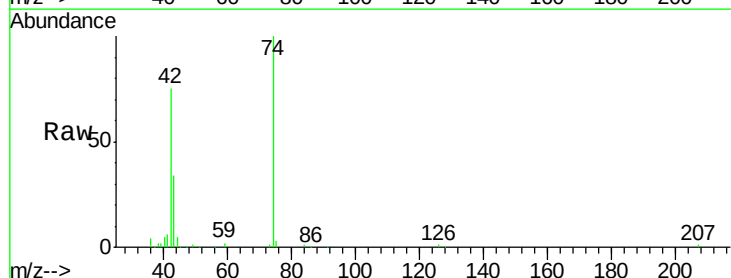
Tgt Ion: 42 Resp: 108766

Ion Ratio Lower Upper

42 100

74 132.8 107.5 161.3

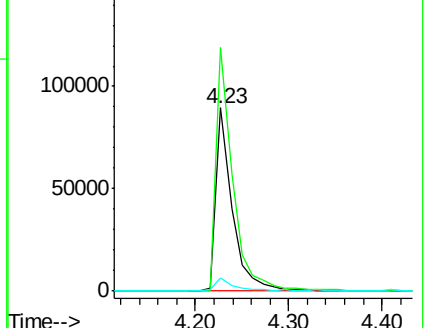
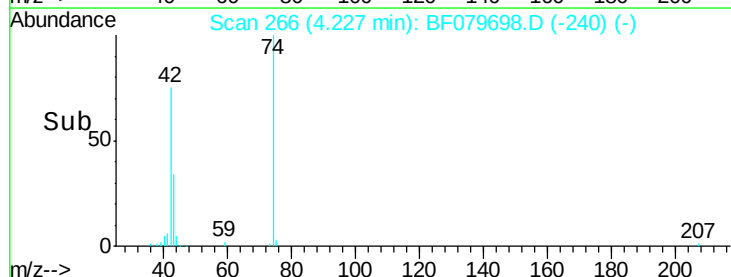
44 7.1 6.2 9.2

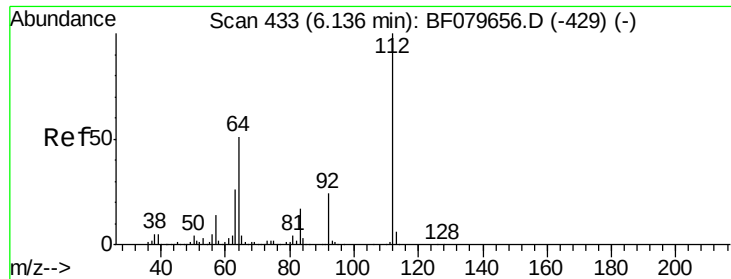


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.60 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

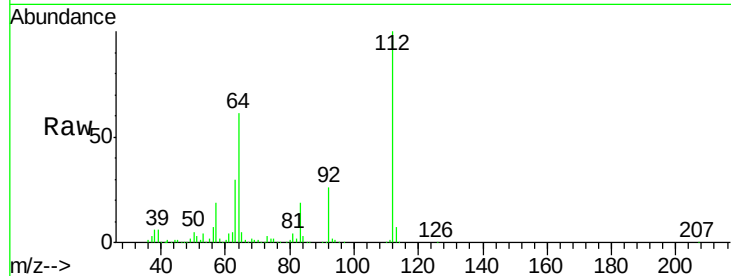
Tot Ion:112 Resp: 410980

Ion Ratio Lower Upper

112 100

64 61.3 41.1 61.7

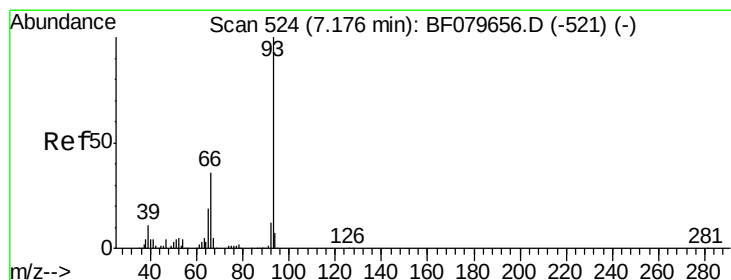
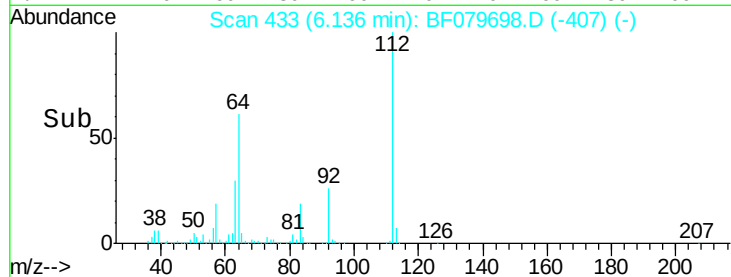
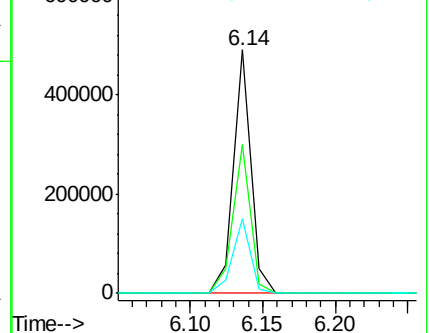
63 30.5 20.5 30.7



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: 43.19 ng

RT: 7.18 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

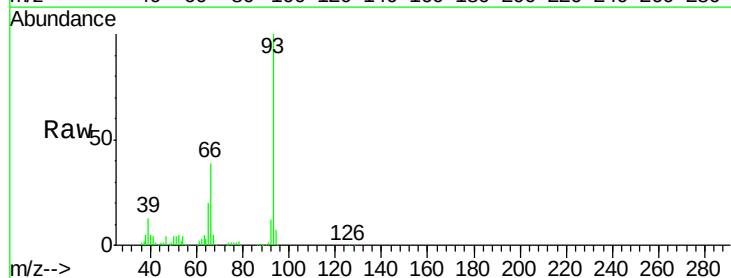
Tgt Ion: 93 Resp: 386704

Ion Ratio Lower Upper

93 100

66 38.9 28.5 42.7

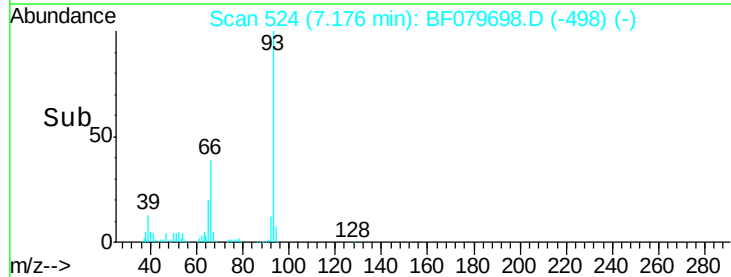
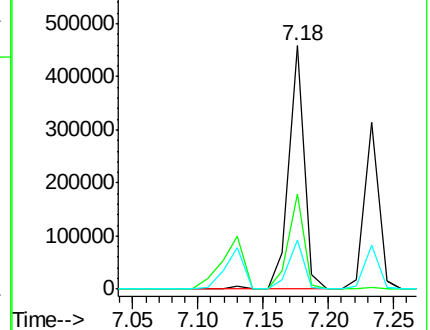
65 20.1 15.0 22.6

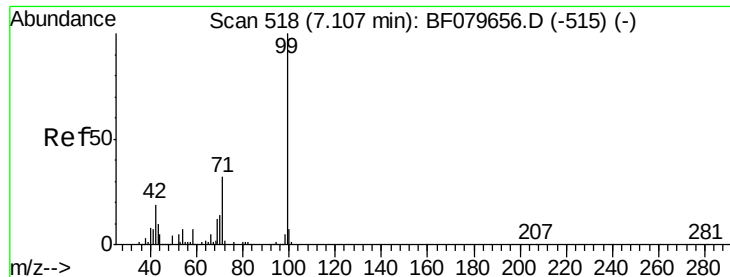


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.95 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

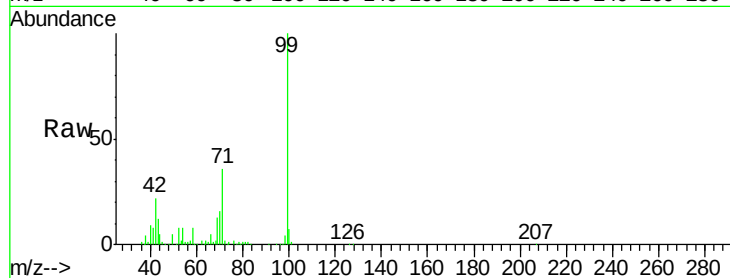
Tot Ion: 99 Resp: 529983

Ion Ratio Lower Upper

99 100

42 22.5 15.2 22.8

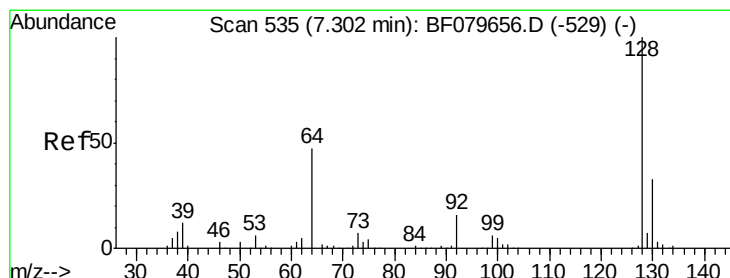
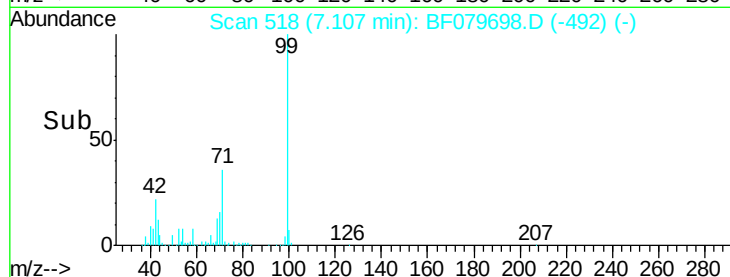
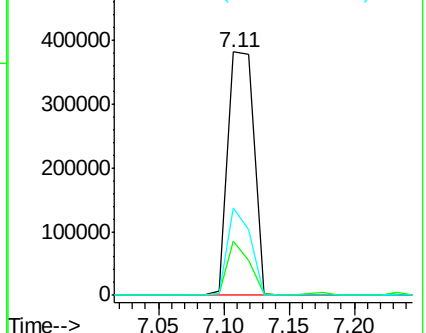
71 36.0 25.9 38.9



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: 41.72 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

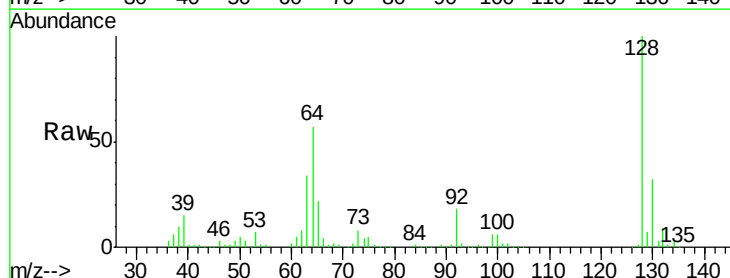
Tgt Ion: 128 Resp: 230393

Ion Ratio Lower Upper

128 100

130 31.9 12.7 52.7

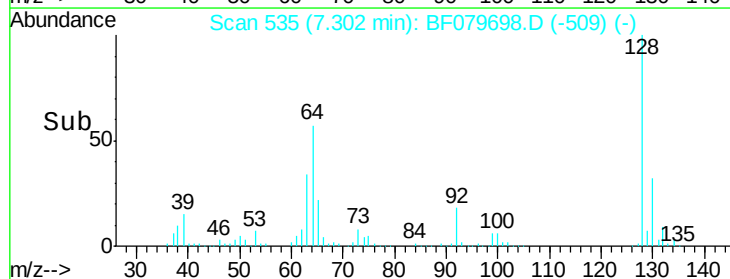
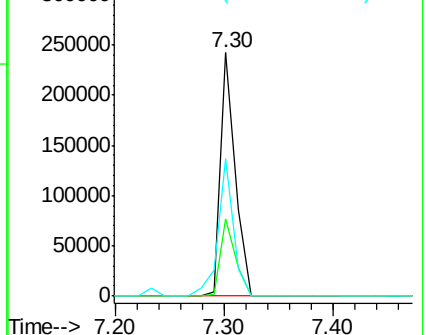
64 56.6 29.0 69.0

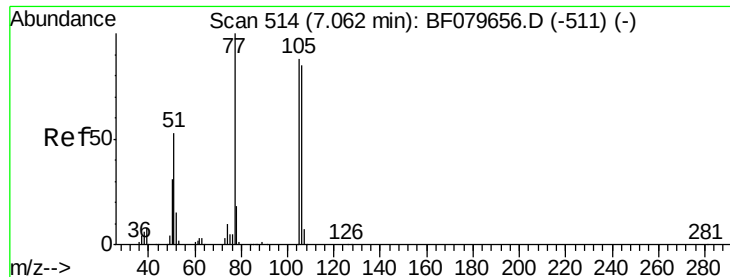


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.61 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

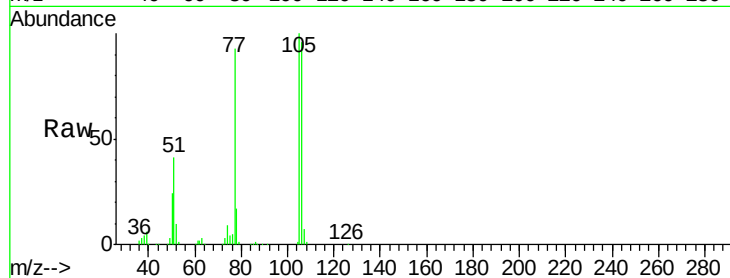
Tot Ion: 77 Resp: 157705

Ion Ratio Lower Upper

77 100

105 107.2 68.2 108.2

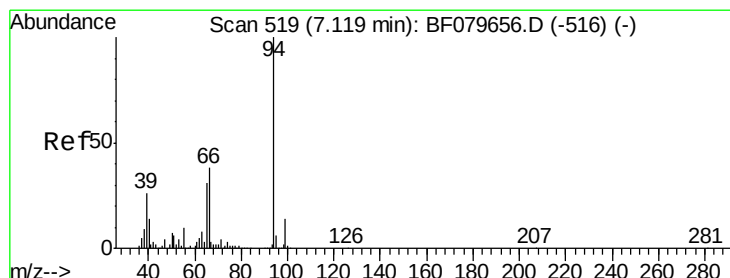
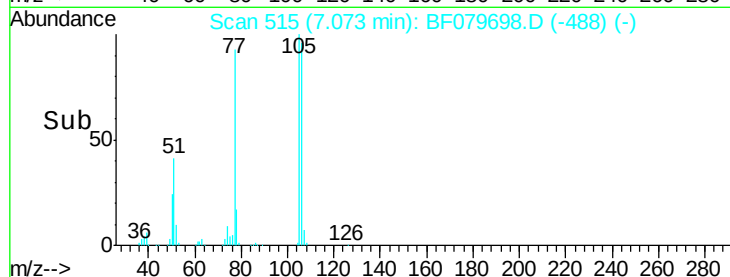
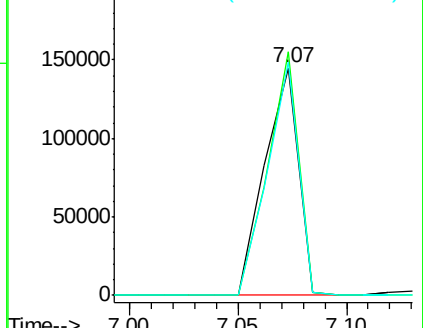
106 102.5 64.9 104.9



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: 42.15 ng

RT: 7.13 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

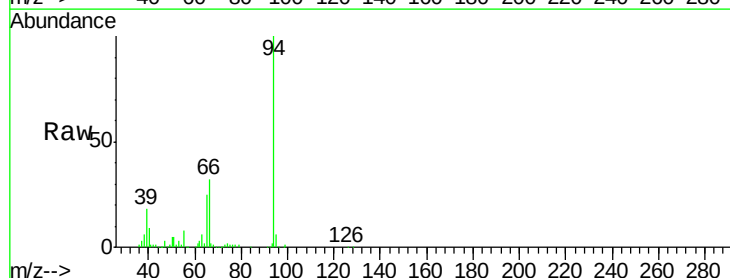
Tgt Ion: 94 Resp: 281926

Ion Ratio Lower Upper

94 100

65 25.2 10.9 50.9

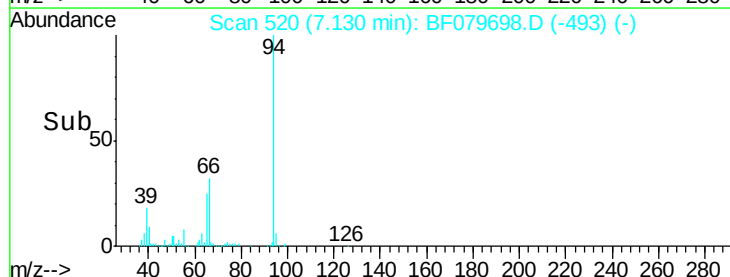
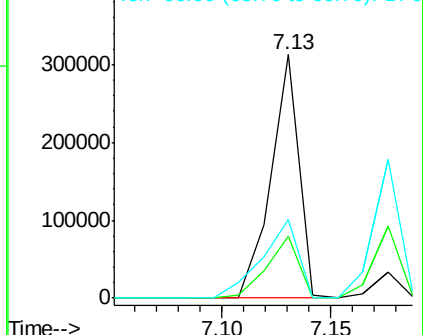
66 32.1 18.1 58.1



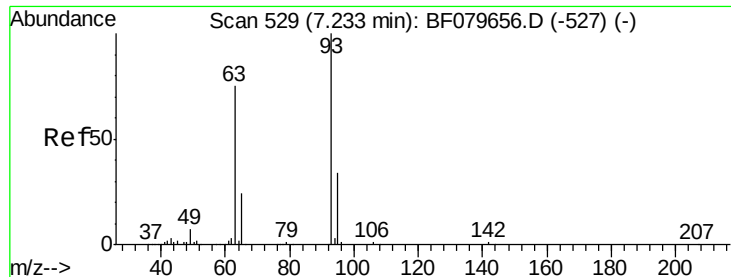
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



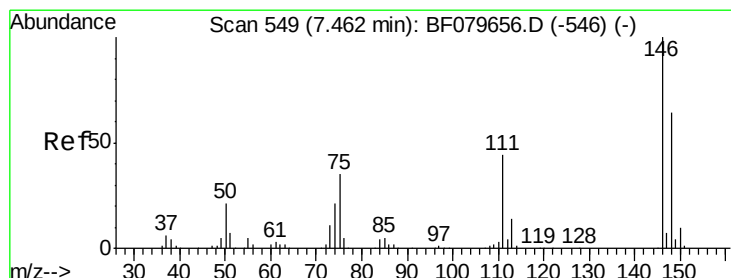
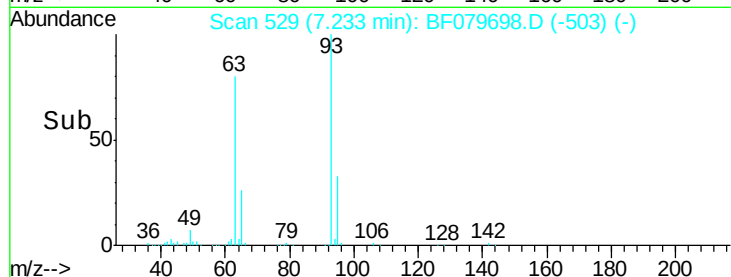
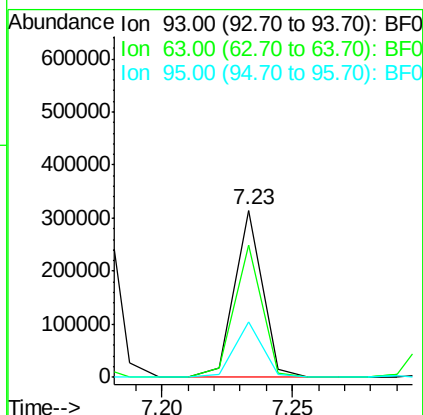
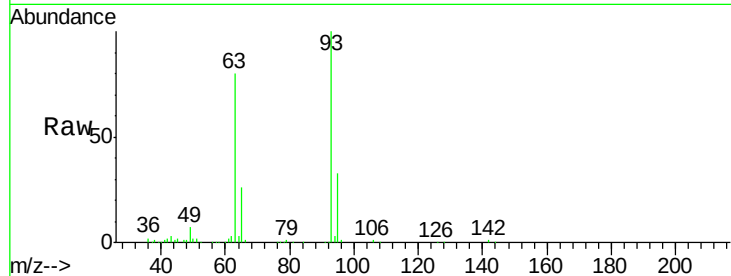




#11  
bis(2-Chloroethyl)ether  
Concen: 44.54 ng  
RT: 7.23 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

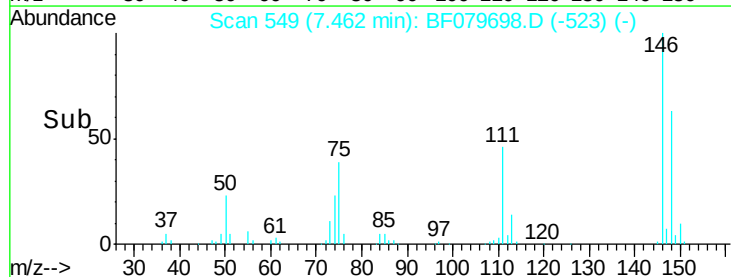
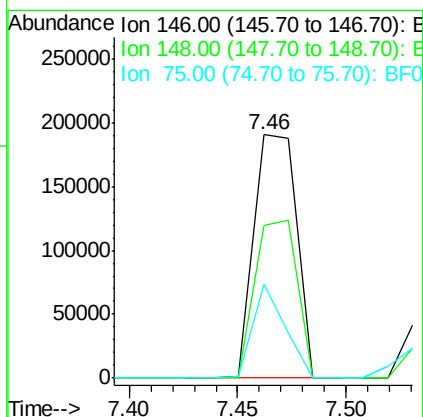
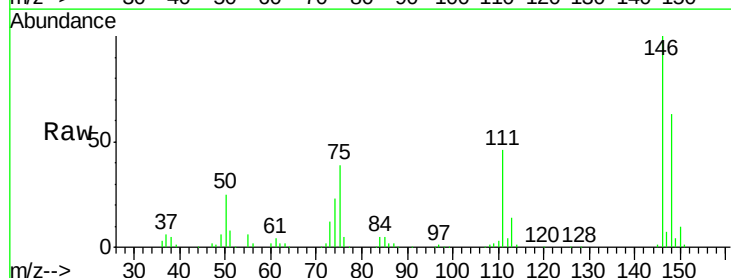
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

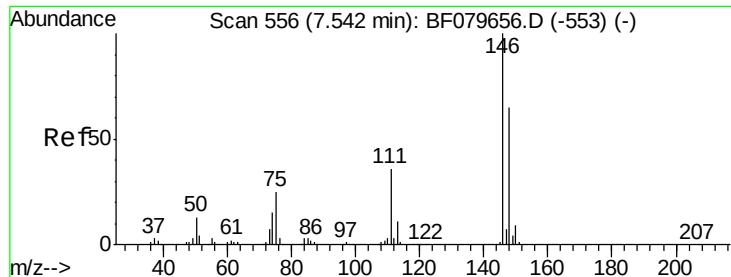
Tot Ion: 93 Resp: 237479  
Ion Ratio Lower Upper  
93 100  
63 79.5 54.7 94.7  
95 33.3 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 41.37 ng  
RT: 7.46 min Scan# 549  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion: 146 Resp: 261197  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.1 76.7  
75 38.8 28.2 42.4

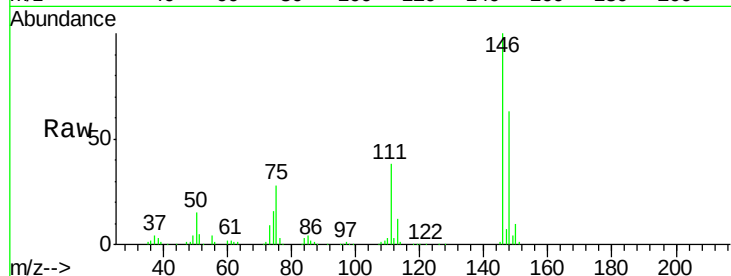




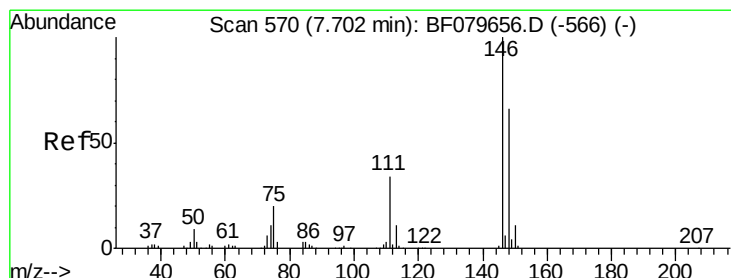
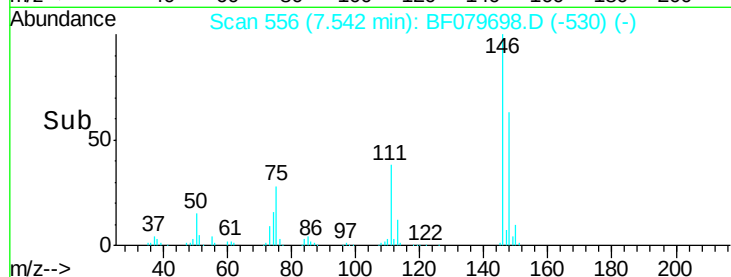
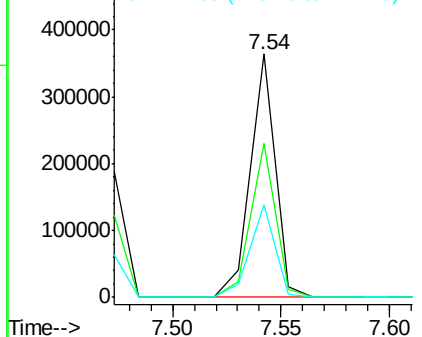
#13  
 1,4-Dichlorobenzene  
 Concen: 44.81 ng  
 RT: 7.54 min Scan# 556  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:146 Resp: 289334  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 52.1 78.1  
 111 38.1 29.1 43.7

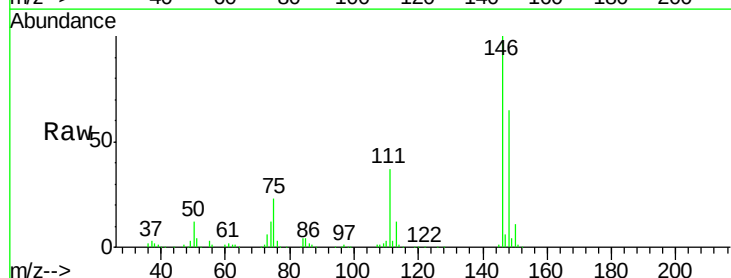


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

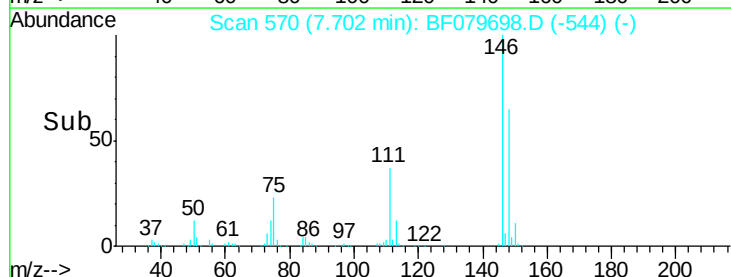
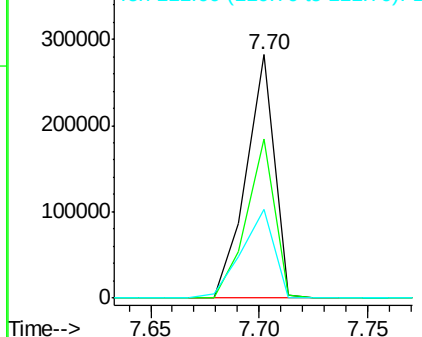


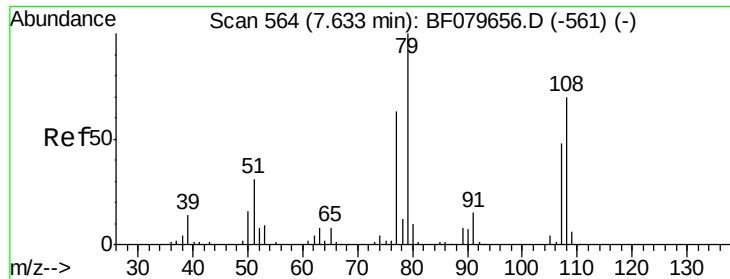
#14  
 1,2-Dichlorobenzene  
 Concen: 43.73 ng  
 RT: 7.70 min Scan# 570  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:146 Resp: 255609  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 52.6 79.0  
 111 36.5 27.3 40.9



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

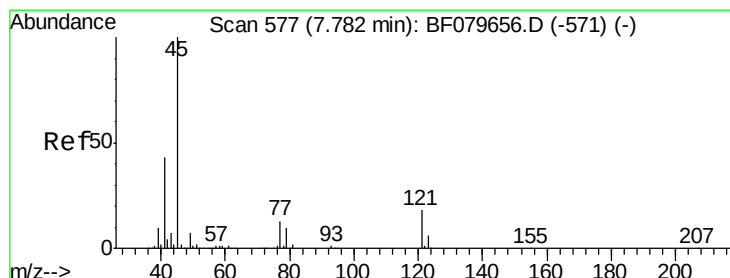
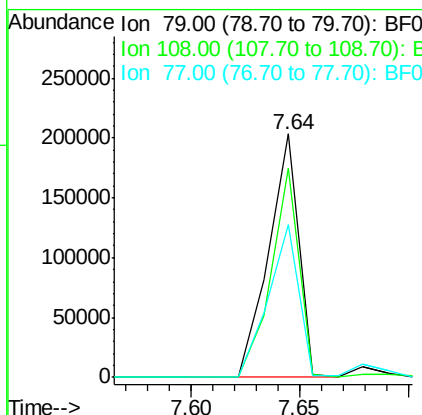
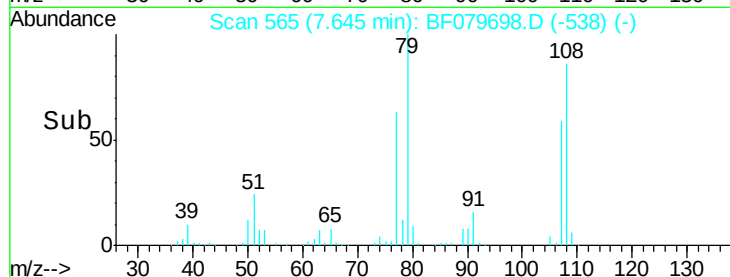
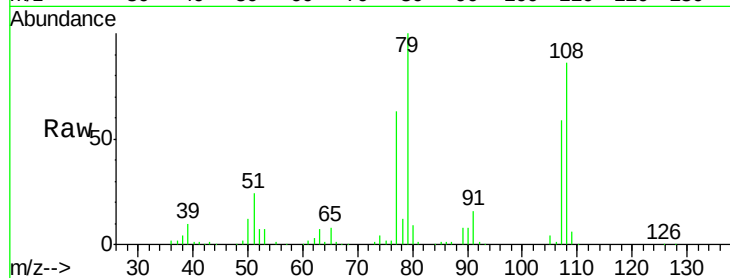




#15  
Benzyl Alcohol  
Concen: 43.62 ng  
RT: 7.64 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

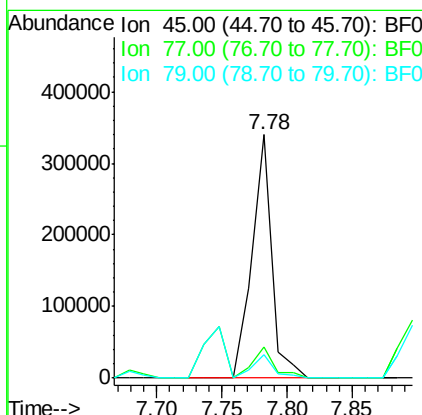
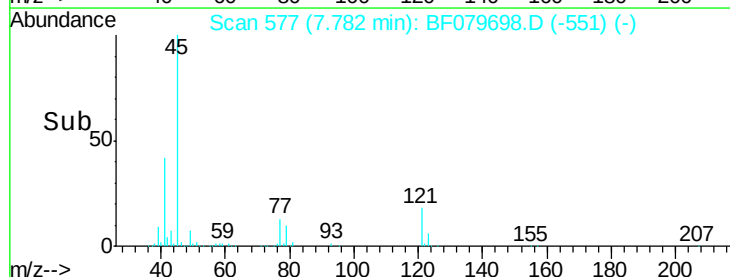
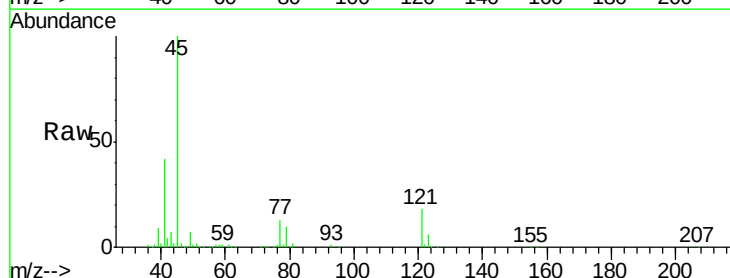
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

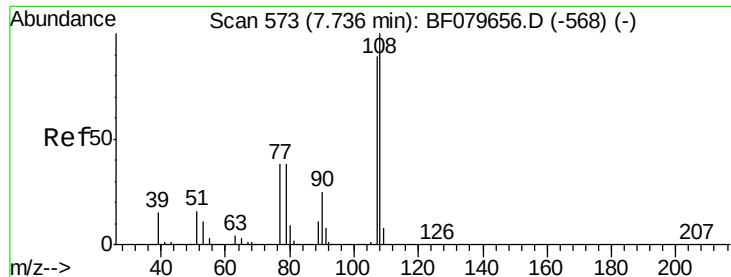
Tot Ion: 79 Resp: 198354  
Ion Ratio Lower Upper  
79 100  
108 85.8 56.2 84.4#  
77 62.9 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.31 ng  
RT: 7.78 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion: 45 Resp: 358332  
Ion Ratio Lower Upper  
45 100  
77 12.6 0.0 32.9  
79 9.5 0.0 29.8

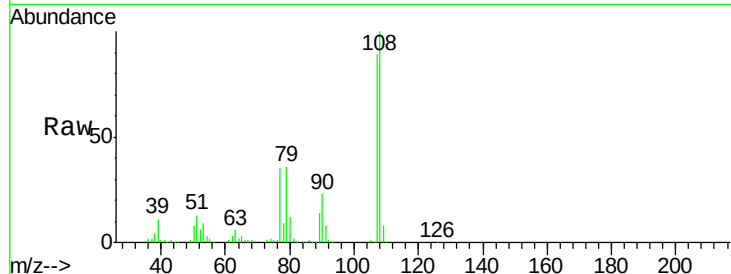




#17  
2-Methylphenol  
Concen: 41.41 ng  
RT: 7.75 min Scan# 574  
Delta R.T. 0.01 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.0 | 90.9  | 136.3 |
| 77      | 40.0  | 38.6  | 57.8  |
| 79      | 40.3  | 38.0  | 57.0  |



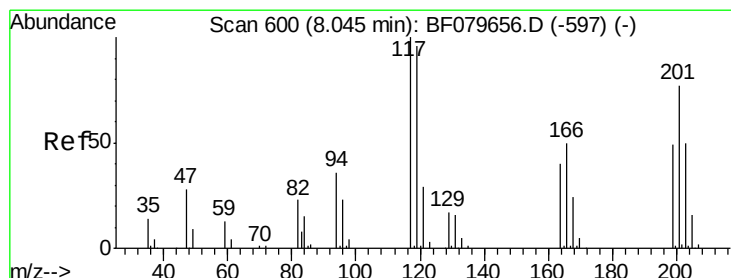
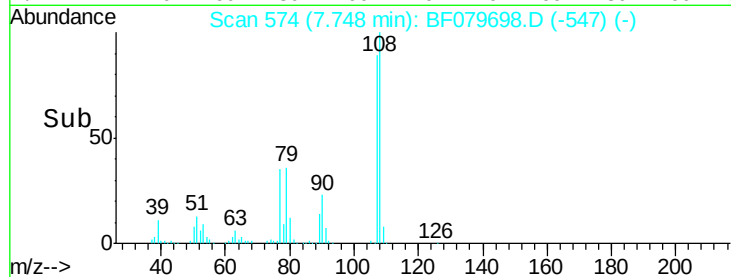
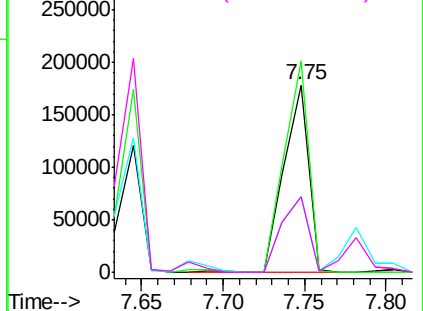
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

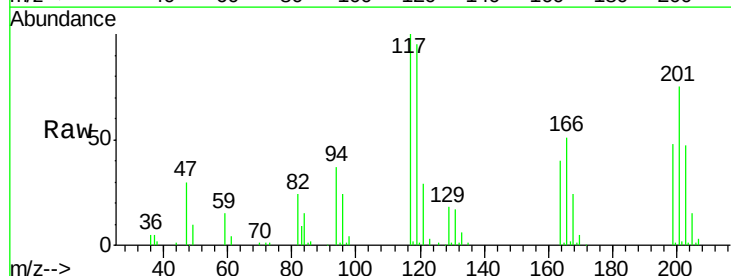
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 35.08 ng  
RT: 8.04 min Scan# 600  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.2  | 76.7  | 115.1 |
| 201     | 75.3  | 61.7  | 92.5  |

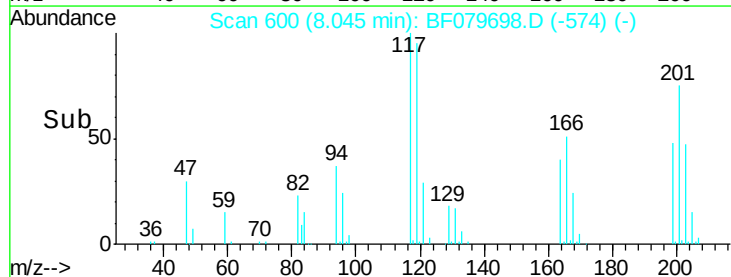
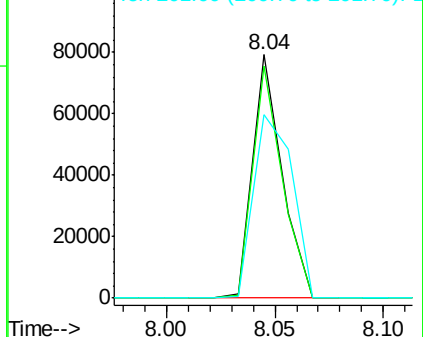


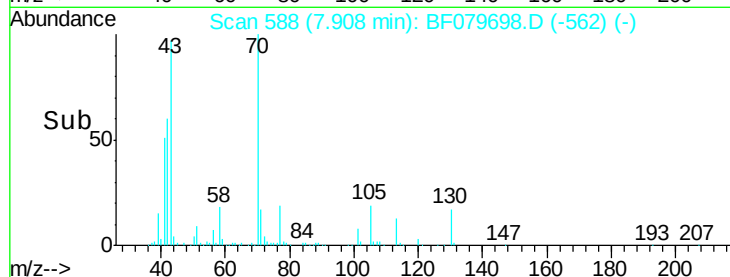
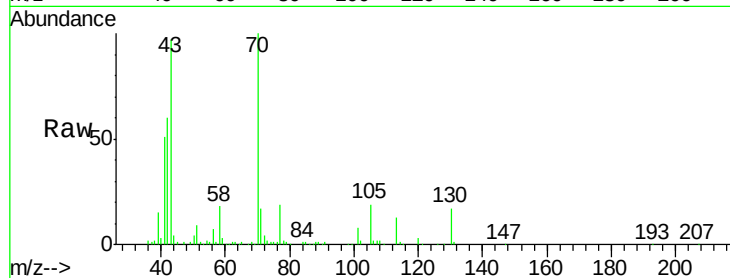
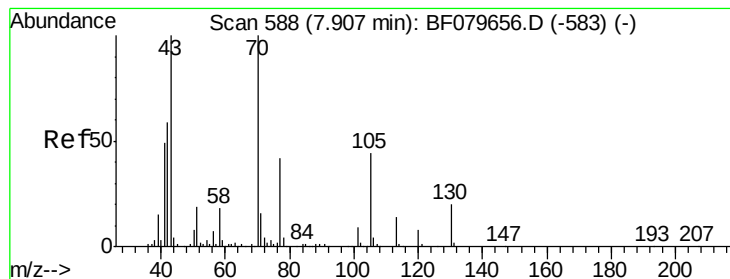
Abundance

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: 44.92 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 191758

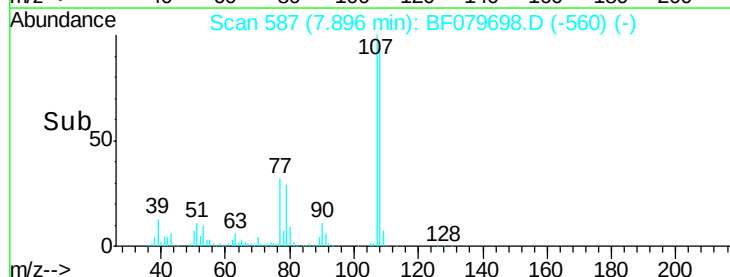
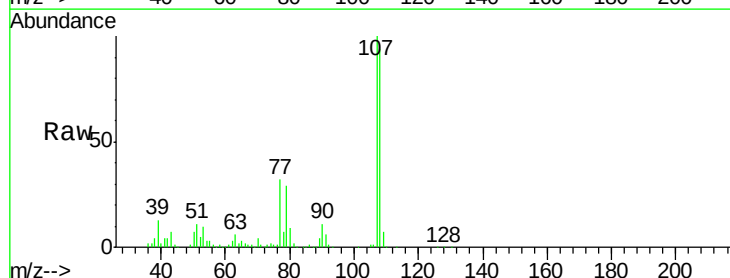
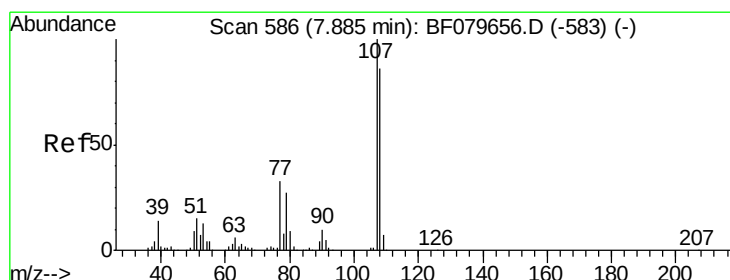
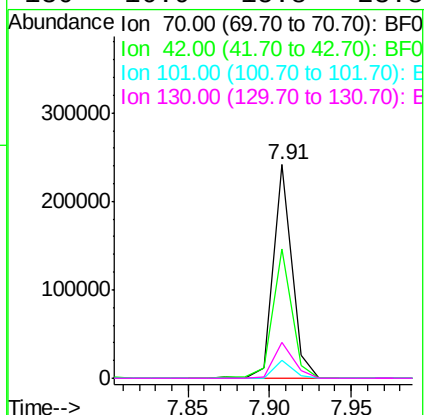
Ion Ratio Lower Upper

70 100

42 60.5 47.7 71.5

101 8.4 7.4 11.0

130 16.9 15.8 23.8



#20

3+4-Methylphenols

Concen: 42.63 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Tgt Ion:107 Resp: 257375

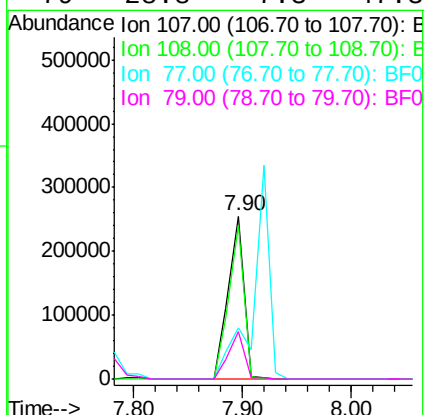
Ion Ratio Lower Upper

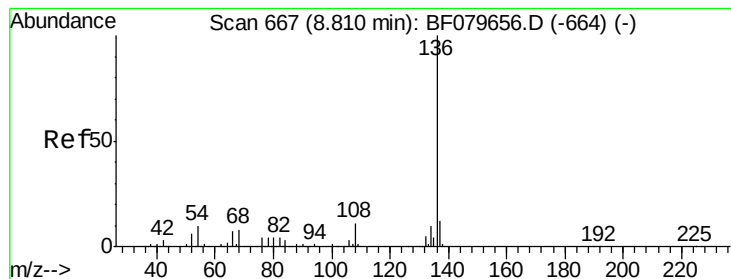
107 100

108 94.1 66.2 106.2

77 31.5 12.9 52.9

79 28.8 7.3 47.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.82 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 331339

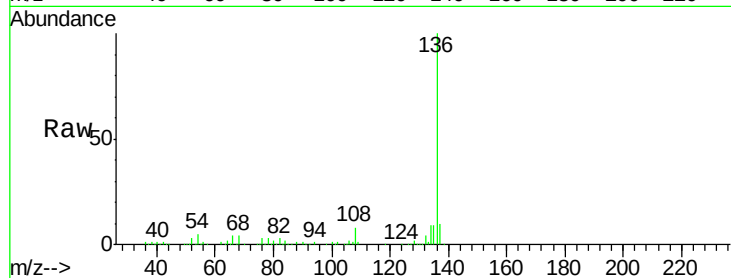
Ion Ratio Lower Upper

136 100

137 10.4 9.3 13.9

54 5.3 8.3 12.5#

68 4.2 6.1 9.1#

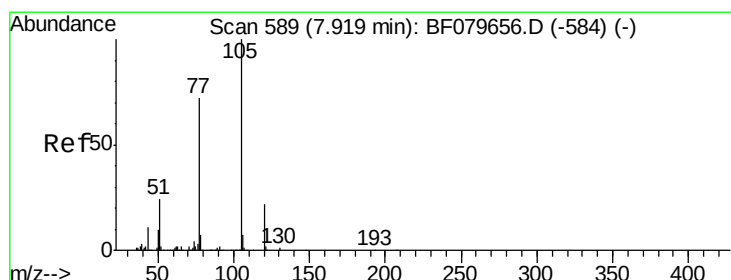
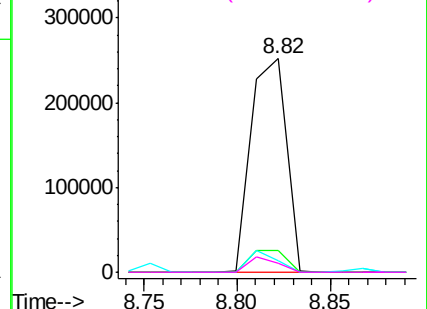
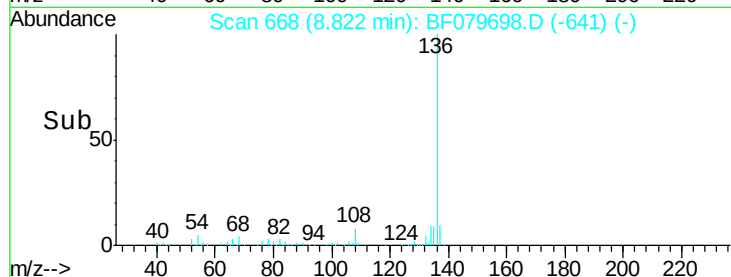


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.84 ng

RT: 7.92 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Tgt Ion:105 Resp: 347693

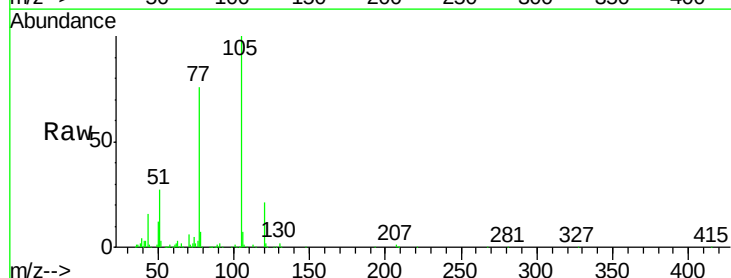
Ion Ratio Lower Upper

105 100

71 1.1 0.2 0.4#

51 27.2 19.2 28.8

120 21.4 17.6 26.4

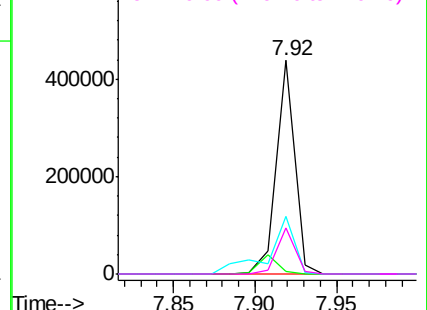
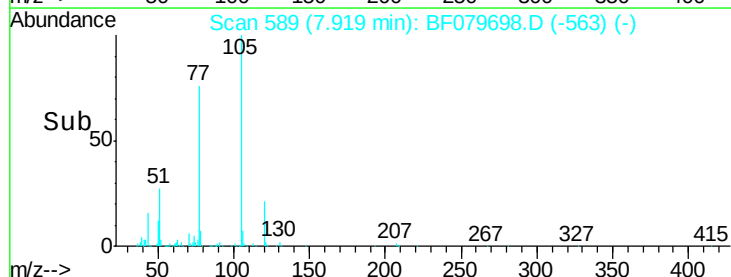


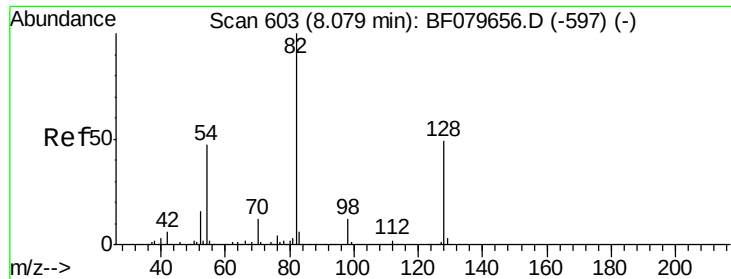
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

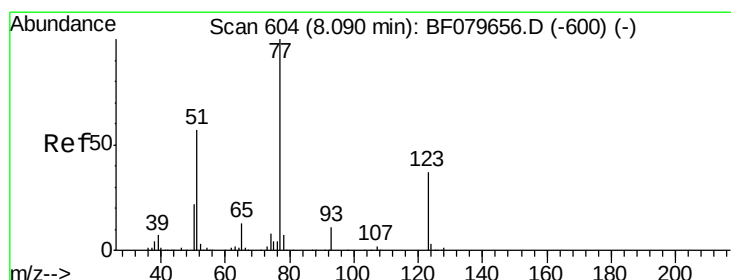
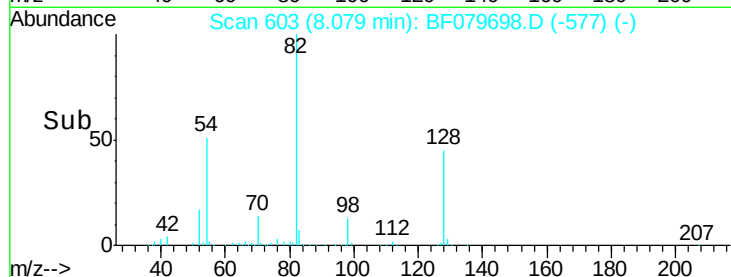
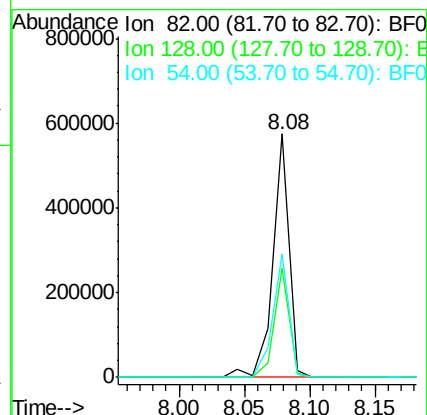
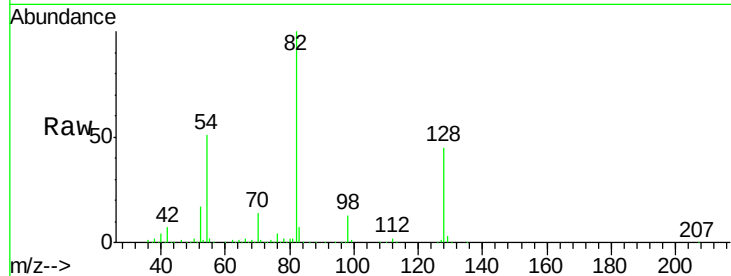




#23  
 Nitrobenzene-d5  
 Concen: 87.88 ng  
 RT: 8.08 min Scan# 603  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

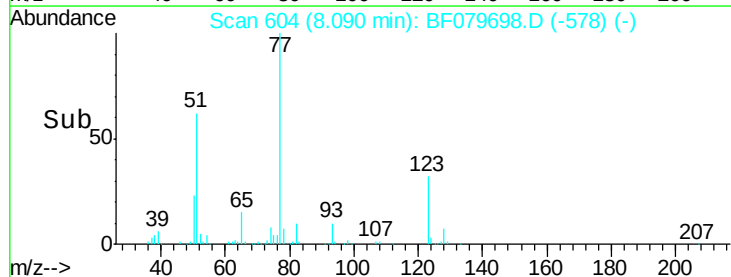
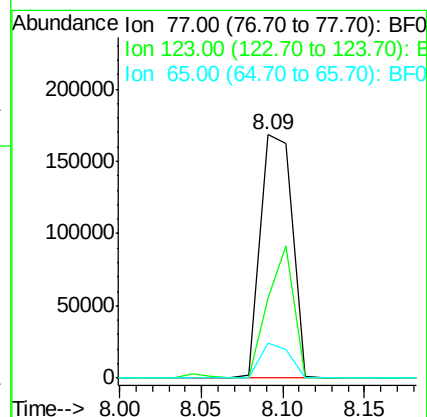
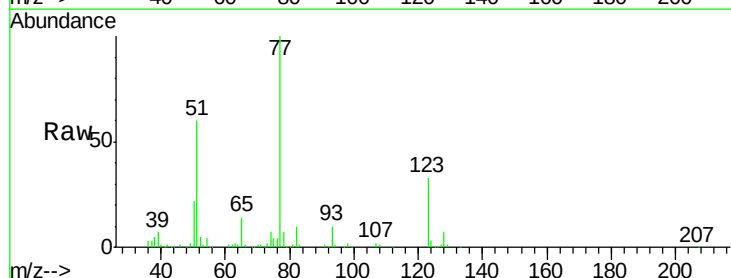
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

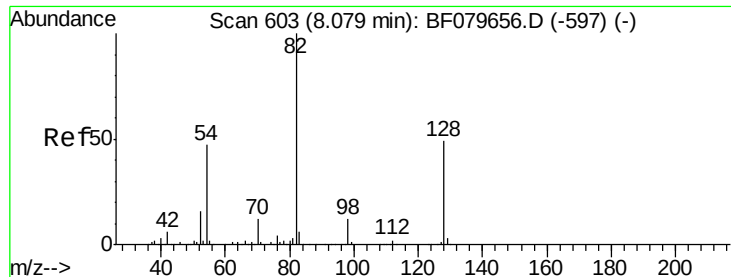
| Tot Ion   | 82   | Resp  | 501921 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.1 | 39.4  | 59.0   |
| 54        | 50.6 | 37.4  | 56.0   |



#24  
 Nitrobenzene  
 Concen: 41.30 ng  
 RT: 8.09 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

| Tgt Ion   | 77   | Resp  | 229345 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 32.7 | 30.6  | 45.8   |
| 65        | 14.2 | 10.5  | 15.7   |





#25

Isophorone

Concen: 42.55 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

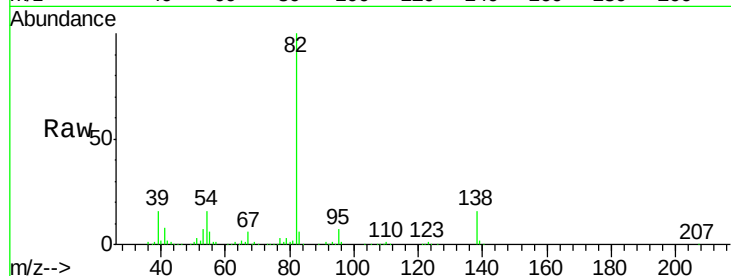
Tot Ion: 82 Resp: 480453

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

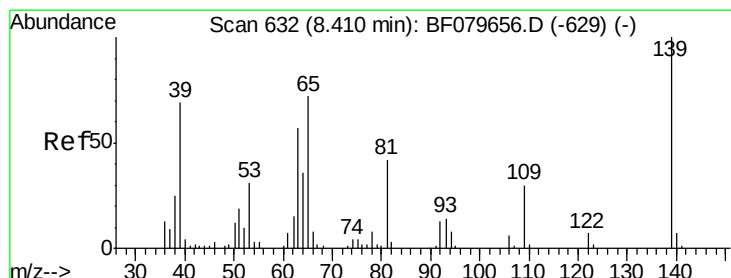
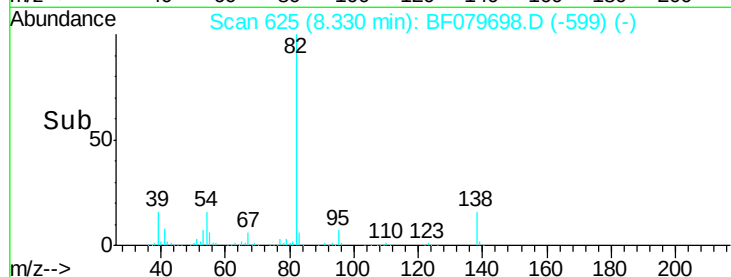
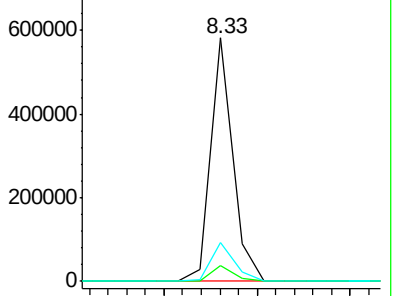
138 16.0 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF079698.D (-625) (-)

Ion 95.00 (94.70 to 95.70): BF079698.D (-625) (-)

Ion 138.00 (137.70 to 138.70): BF079698.D (-625) (-)



#26

2-Nitrophenol

Concen: 42.40 ng

RT: 8.42 min Scan# 633

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

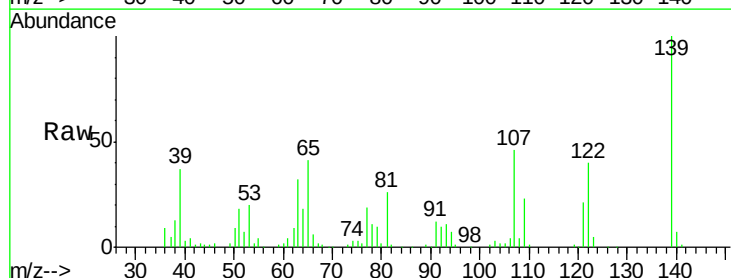
Tgt Ion: 139 Resp: 77756

Ion Ratio Lower Upper

139 100

109 23.0 23.6 35.4#

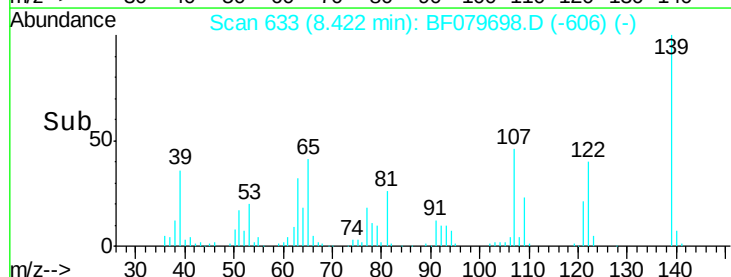
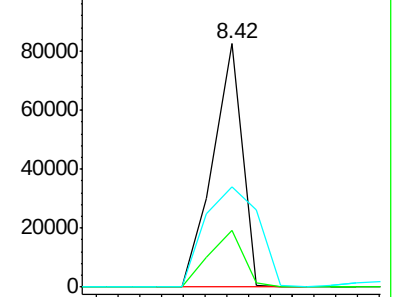
65 41.0 57.4 86.0#



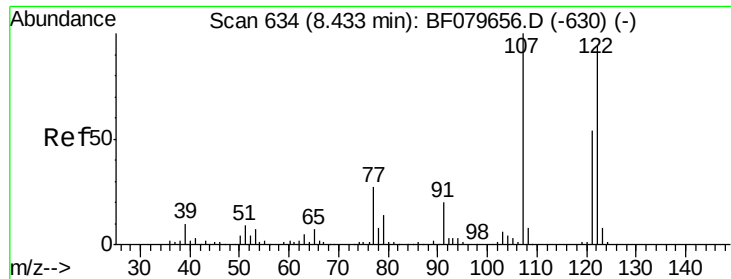
Abundance Ion 139.00 (138.70 to 139.70): BF079698.D (-633) (-)

Ion 109.00 (108.70 to 109.70): BF079698.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BF079698.D (-633) (-)







#27

2,4-Dimethylphenol

Concen: 43.57 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

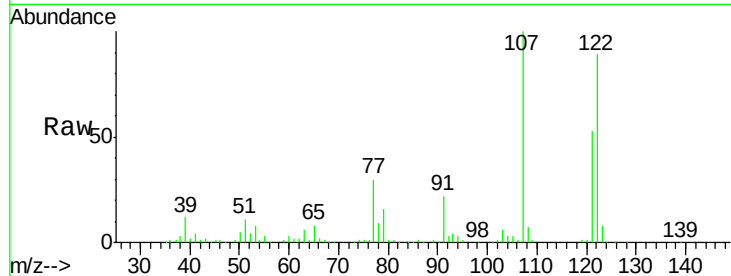
Tot Ion:122 Resp: 225176

Ion Ratio Lower Upper

122 100

107 111.9 85.0 127.6

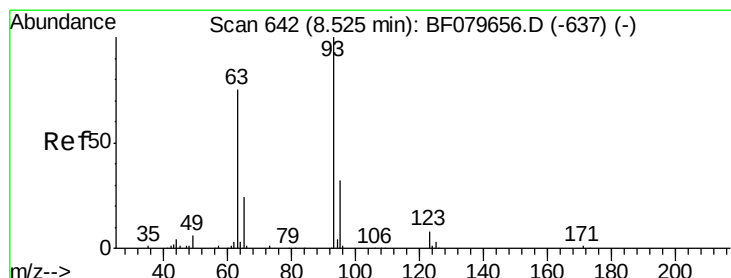
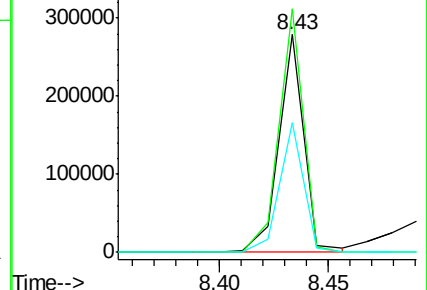
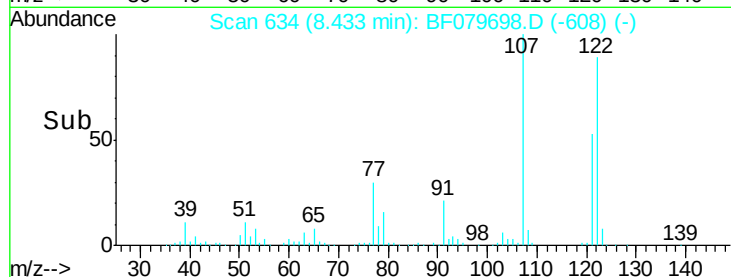
121 59.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.92 ng

RT: 8.54 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

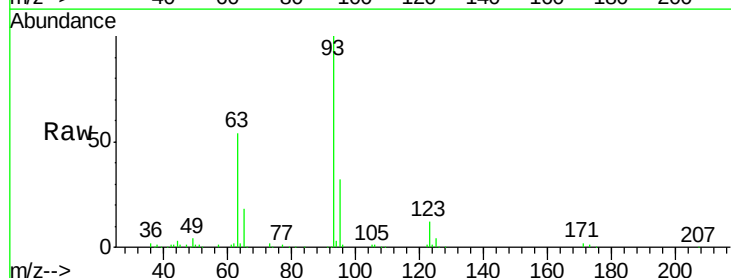
Tgt Ion: 93 Resp: 265475

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

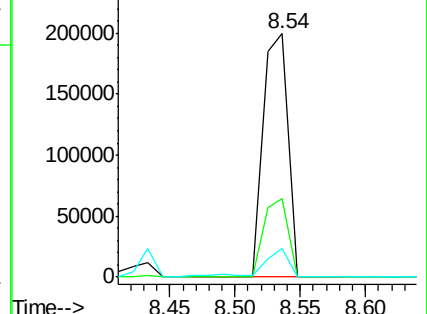
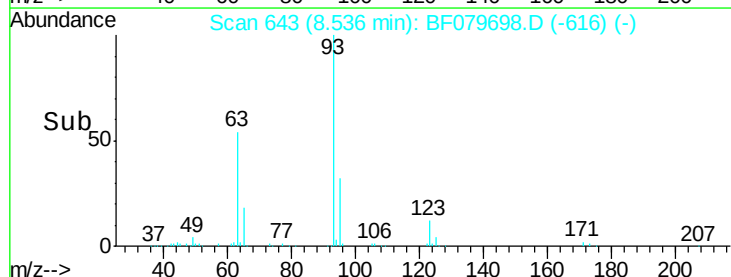
123 11.9 6.8 10.2#

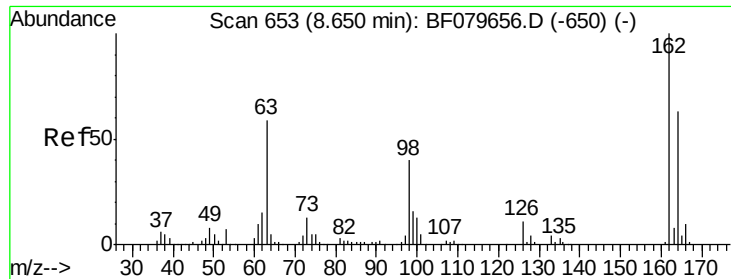


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

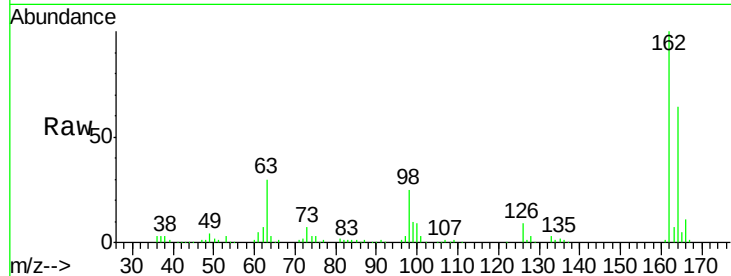




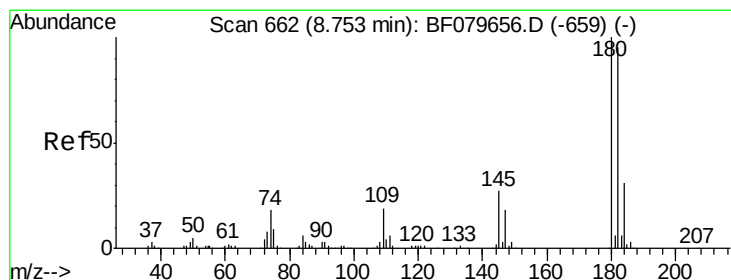
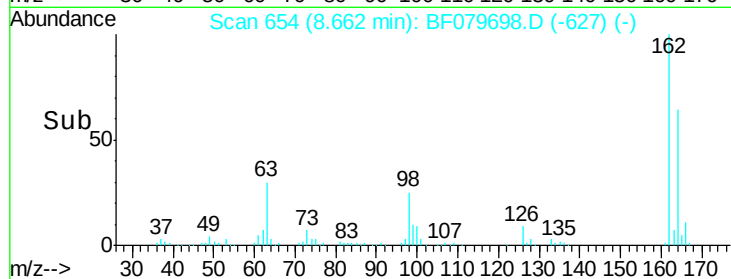
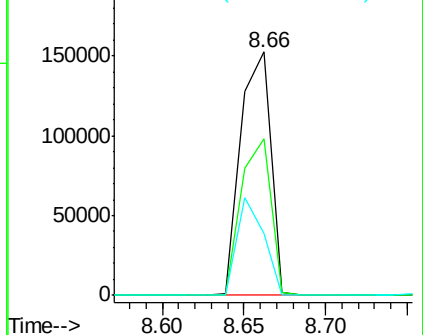
#29  
2,4-Dichlorophenol  
Concen: 42.22 ng  
RT: 8.66 min Scan# 654  
Delta R.T. 0.01 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:162 Resp: 194632  
Ion Ratio Lower Upper  
162 100  
164 64.2 43.0 83.0  
98 25.3 19.8 59.8

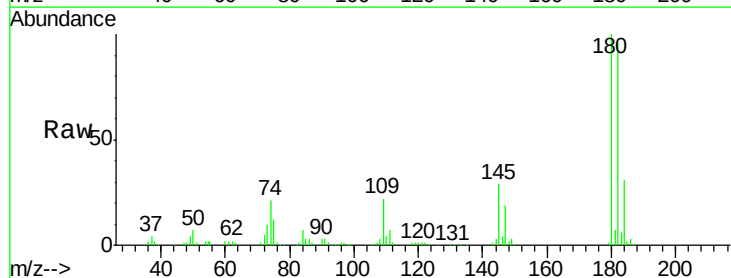


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

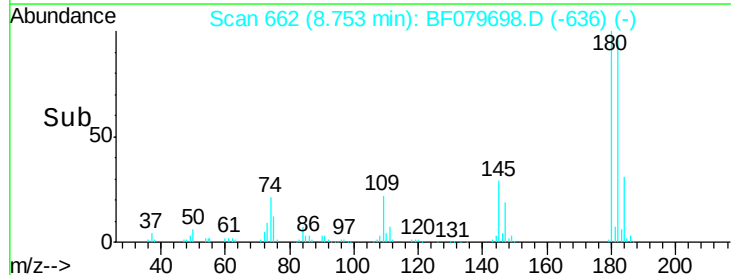
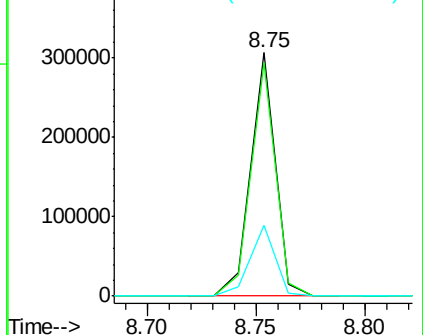


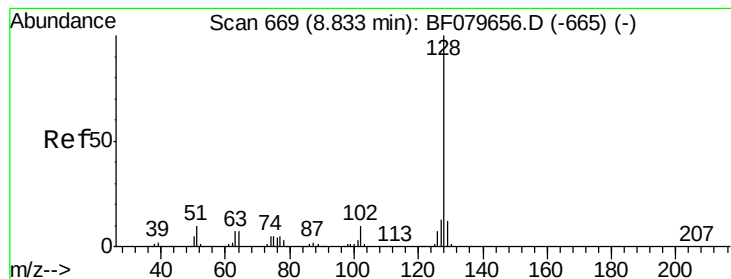
#30  
1,2,4-Trichlorobenzene  
Concen: 46.38 ng  
RT: 8.75 min Scan# 662  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion:180 Resp: 240926  
Ion Ratio Lower Upper  
180 100  
182 96.0 76.1 114.1  
145 29.3 21.8 32.8



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: 39.94 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

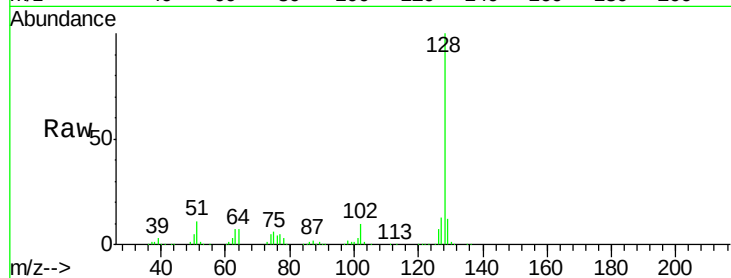
Tot Ion:128 Resp: 691868

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

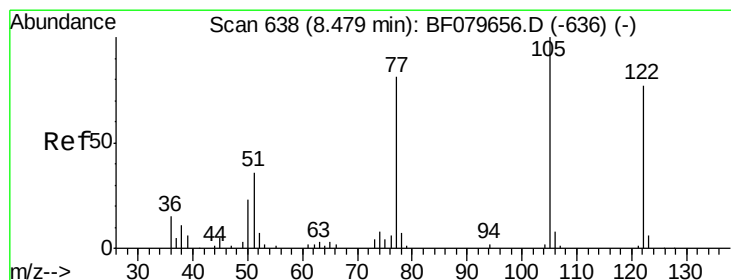
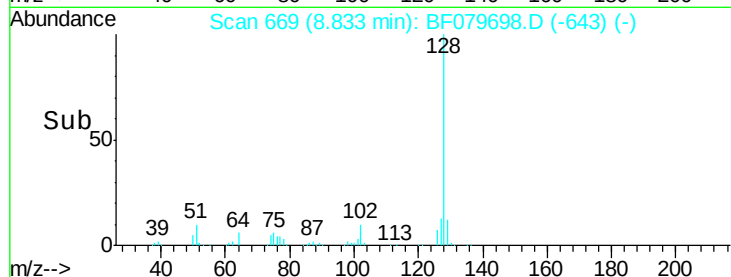
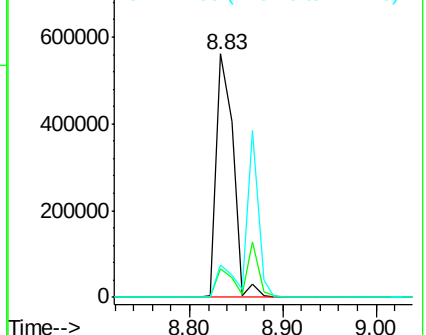
127 13.4 10.4 15.6



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: 52.70 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

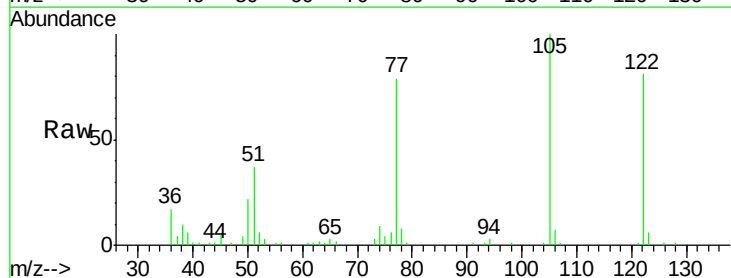
Tgt Ion:122 Resp: 81233

Ion Ratio Lower Upper

122 100

105 124.2 109.7 149.7

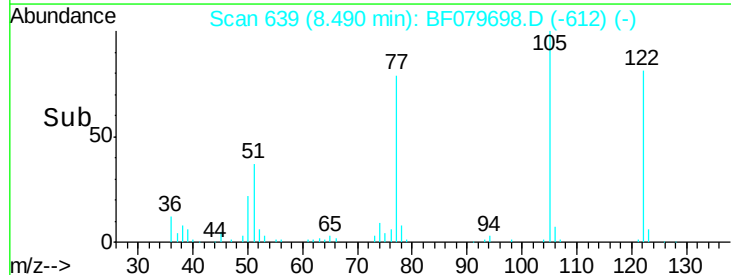
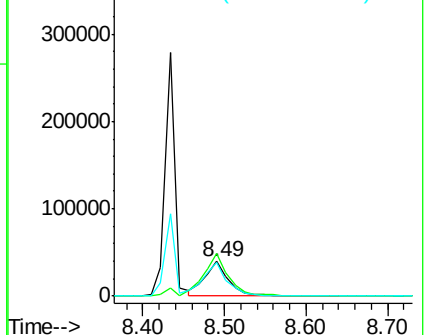
77 97.5 86.1 126.1

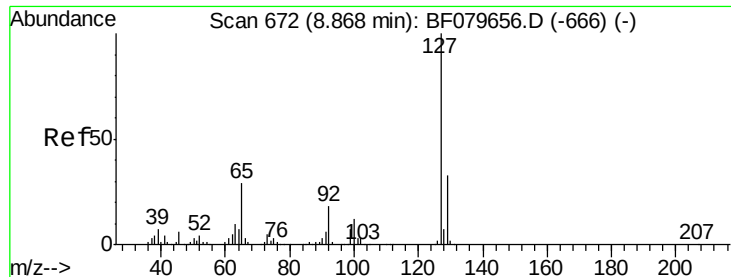


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

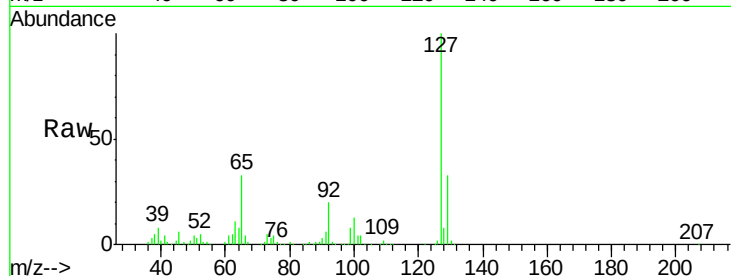




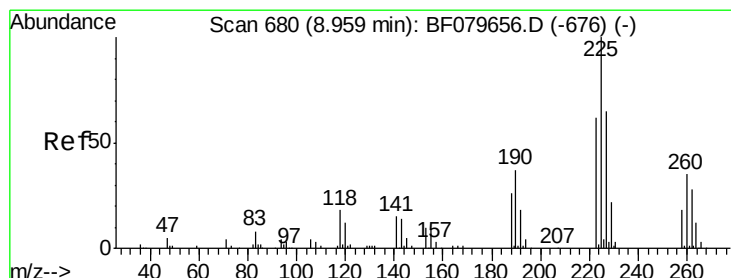
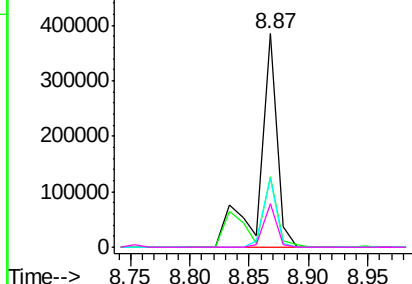
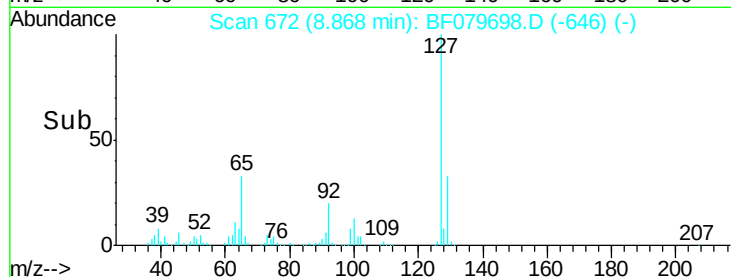
#33  
4-Chloroaniline  
Concen: 41.68 ng  
RT: 8.87 min Scan# 672  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 392555    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.9  | 26.5 39.7 |
| 65          | 32.6  | 23.0 34.6 |
| 92          | 20.2  | 14.7 22.1 |

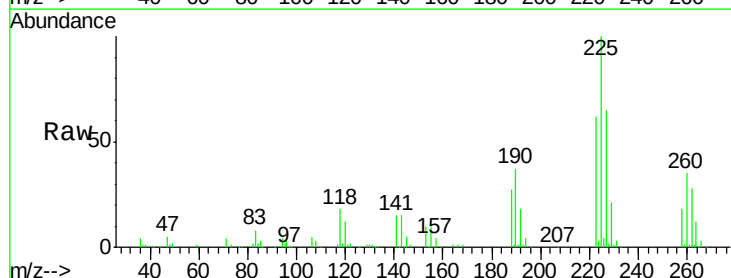


Abundance Ion 127.00 (126.70 to 127.70): E  
600000  
Ion 129.00 (128.70 to 129.70): E  
500000  
Ion 65.00 (64.70 to 65.70): BF0  
400000  
Ion 92.00 (91.70 to 92.70): BF0  
300000  
200000  
100000  
0

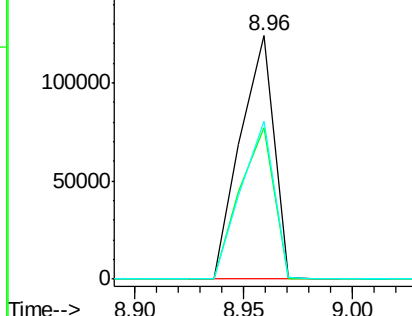
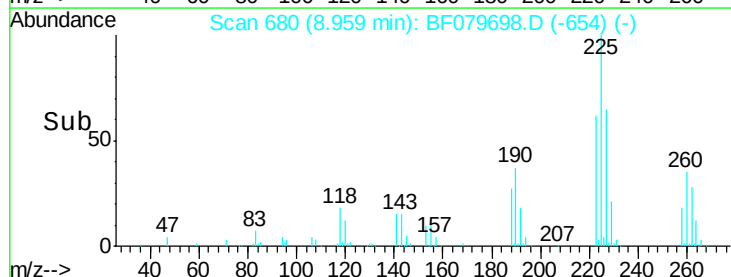


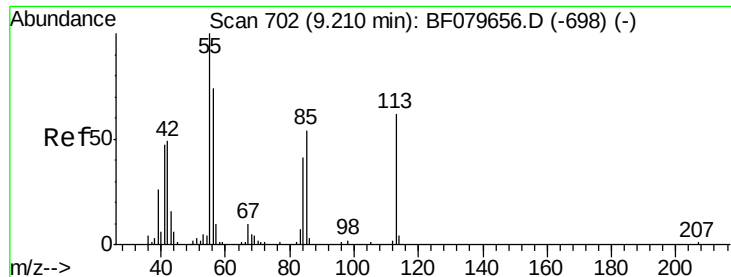
#34  
Hexachlorobutadiene  
Concen: 45.51 ng  
RT: 8.96 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 132513    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.2  | 49.6 74.4 |
| 227         | 64.7  | 52.3 78.5 |



Abundance Ion 225.00 (224.70 to 225.70): E  
150000  
Ion 223.00 (222.70 to 223.70): E  
100000  
Ion 227.00 (226.70 to 227.70): E  
50000  
0





#35

Caprolactam

Concen: 47.46 ng

RT: 9.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

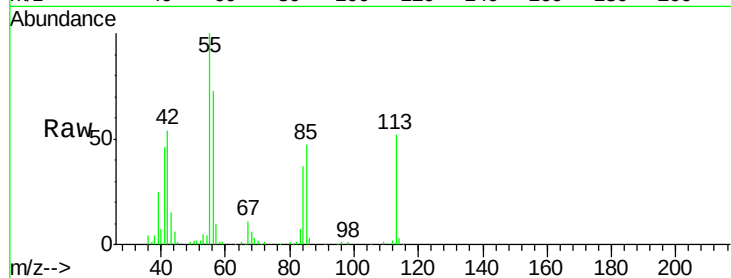
Tot Ion:113 Resp: 60231

Ion Ratio Lower Upper

113 100

55 192.1 142.3 182.3#

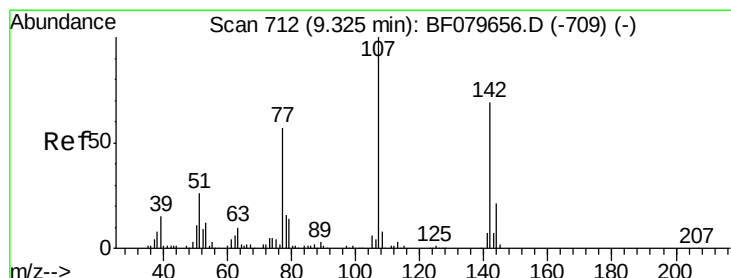
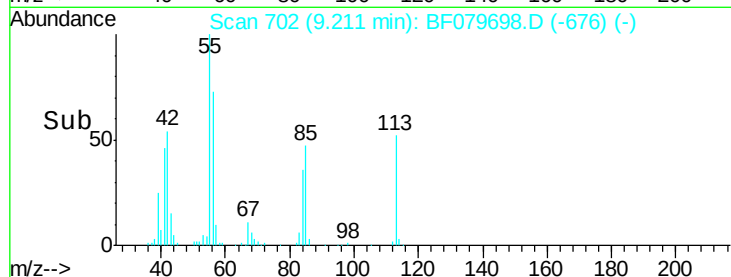
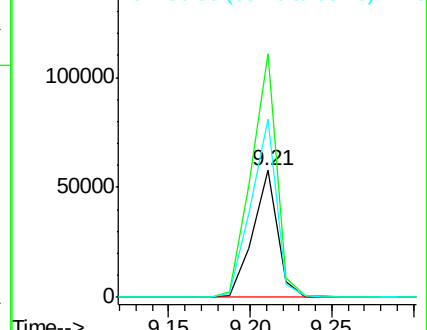
56 140.7 99.8 139.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.22 ng

RT: 9.34 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

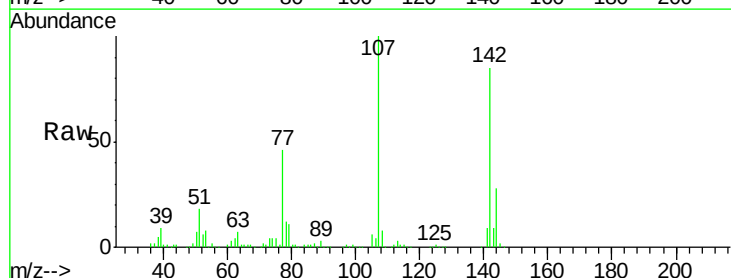
Tgt Ion:107 Resp: 208037

Ion Ratio Lower Upper

107 100

144 27.6 17.0 25.4#

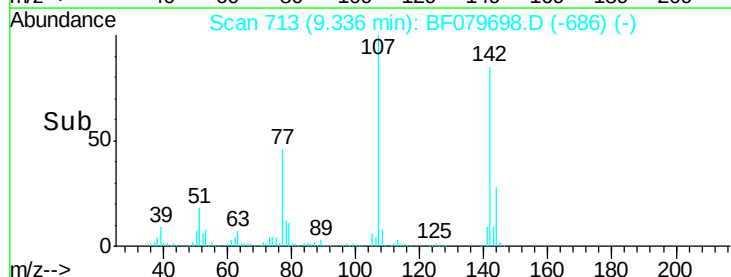
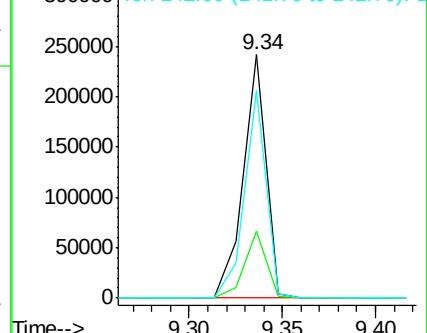
142 85.3 55.1 82.7#

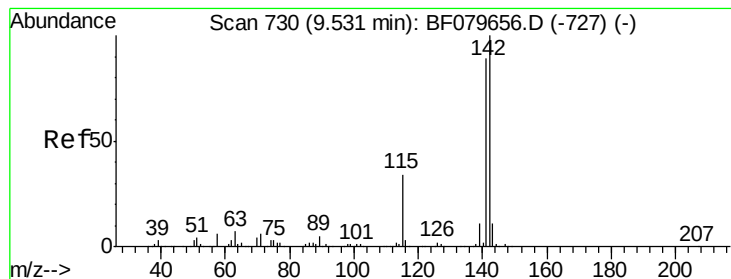


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

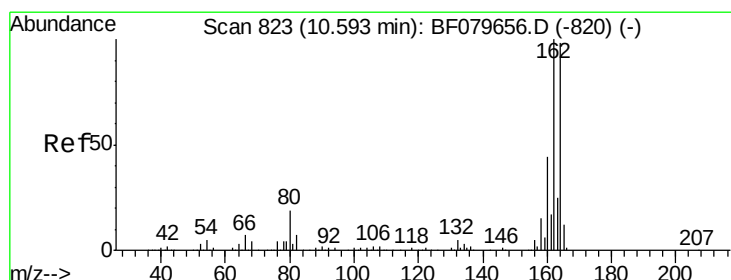
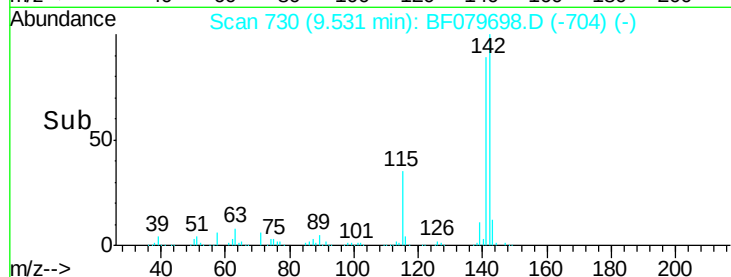
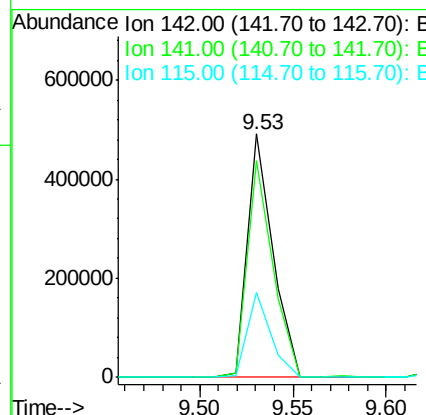
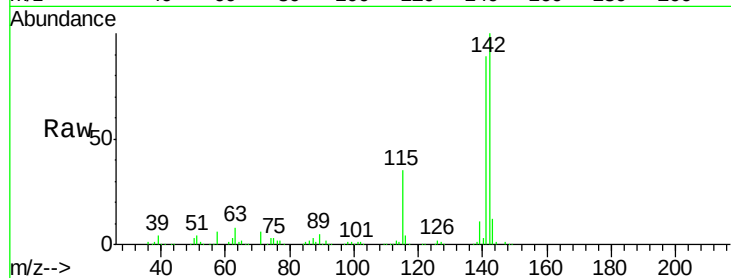




#37  
2-Methylnaphthalene  
Concen: 40.32 ng  
RT: 9.53 min Scan# 730  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

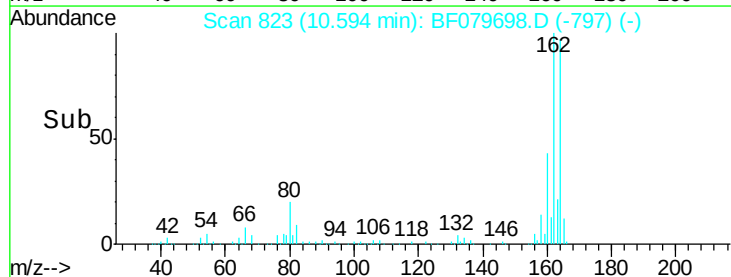
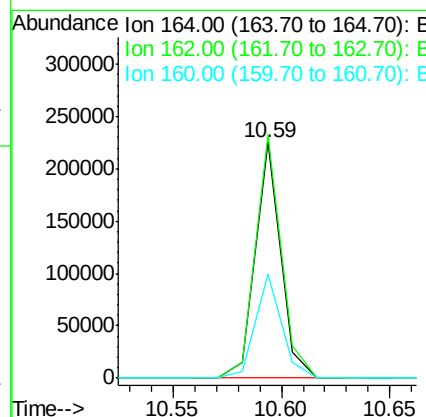
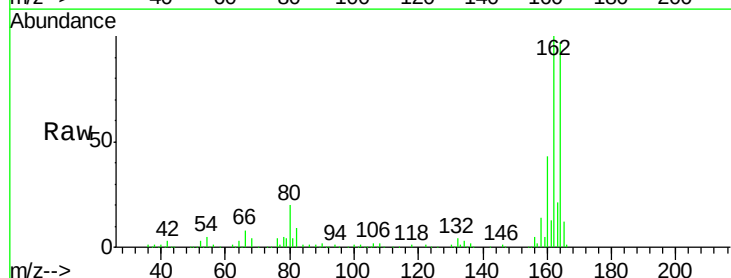
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

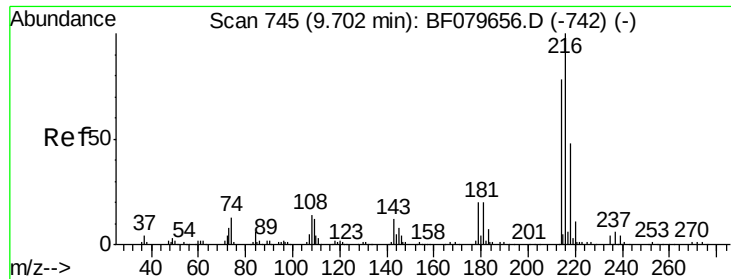
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 71.4  | 107.0 |
| 115     | 34.8  | 27.3  | 40.9  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.59 min Scan# 823  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.5 | 82.0  | 123.0 |
| 160     | 44.3  | 35.9  | 53.9  |

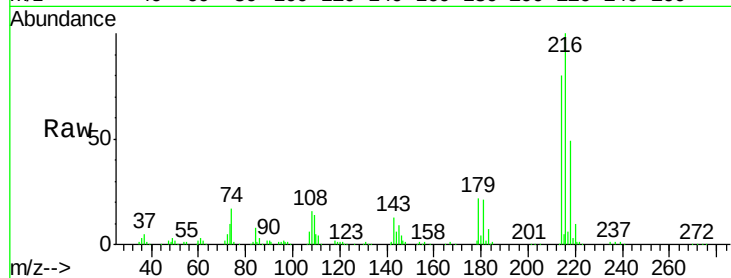




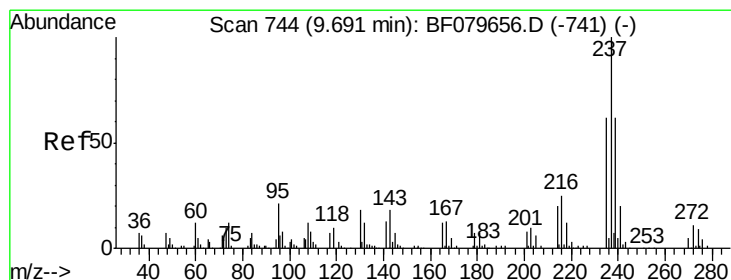
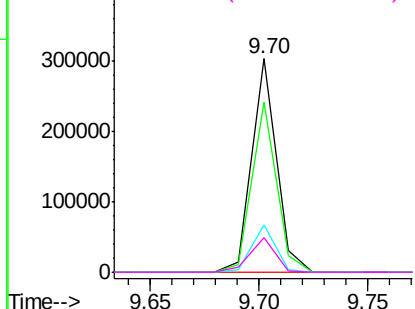
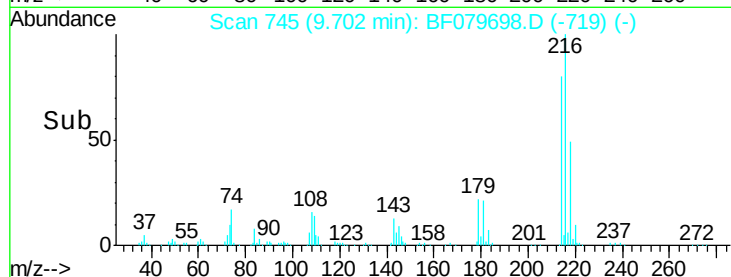
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.26 ng  
 RT: 9.70 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 239919    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.1  | 62.8 94.2 |
| 179         | 21.9  | 16.6 24.8 |
| 108         | 16.6  | 14.2 21.4 |

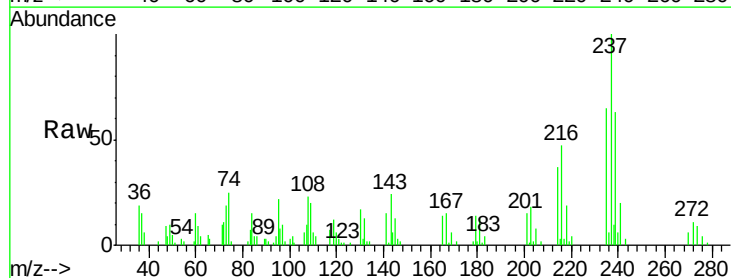


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

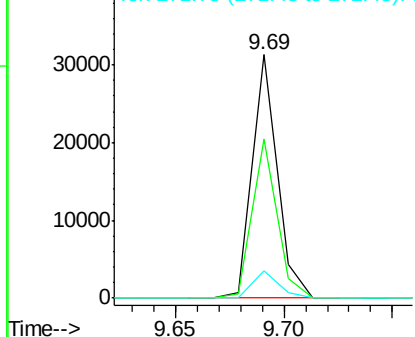
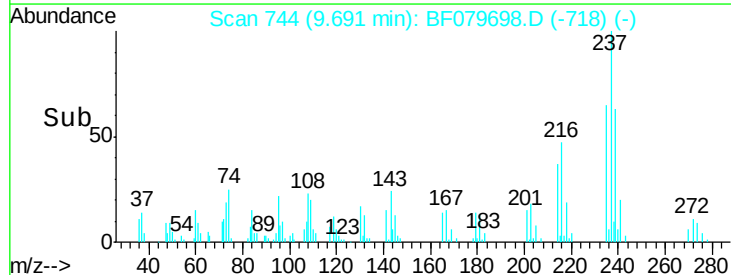


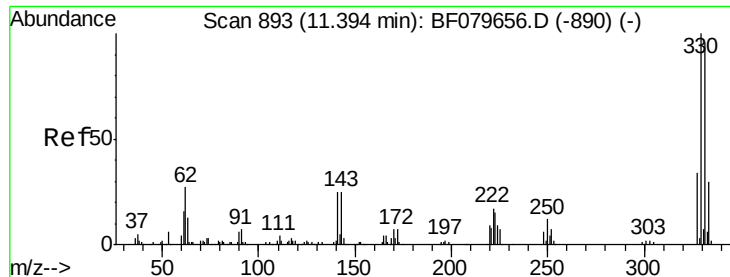
#40  
 Hexachlorocyclopentadiene  
 Concen: 8.98 ng  
 RT: 9.69 min Scan# 744  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 24898     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 65.4  | 41.7 81.7 |
| 272         | 11.2  | 0.0 31.1  |



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: 87.02 ng

RT: 11.39 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

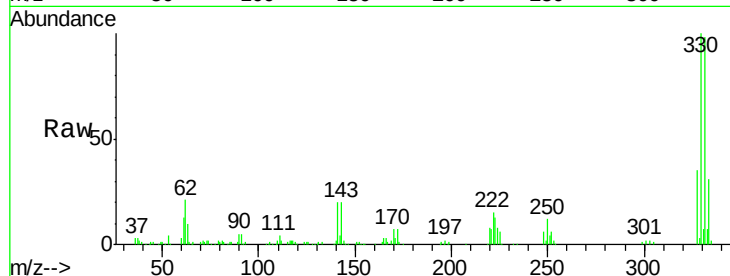
Tot Ion:330 Resp: 130127

Ion Ratio Lower Upper

330 100

332 98.6 77.3 115.9

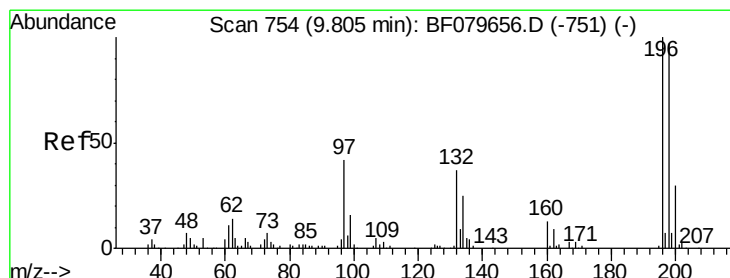
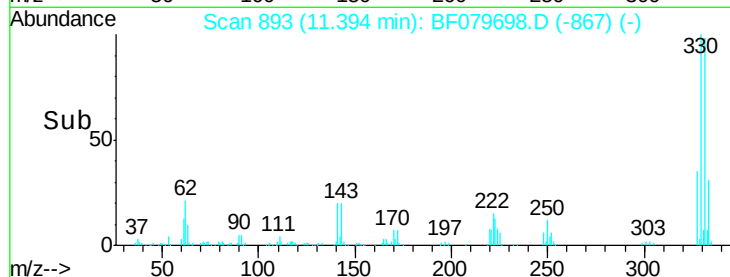
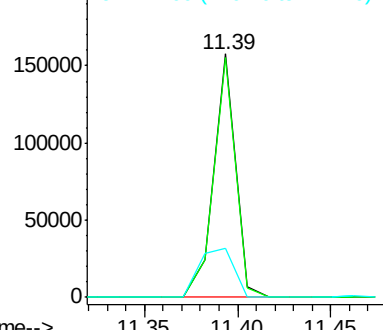
141 32.1 27.4 41.2



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: 48.42 ng

RT: 9.80 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

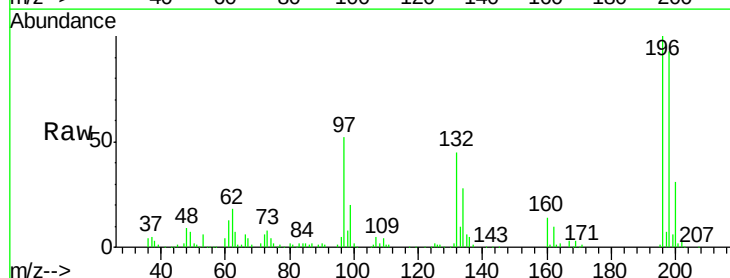
Tgt Ion:196 Resp: 153101

Ion Ratio Lower Upper

196 100

198 93.3 77.3 115.9

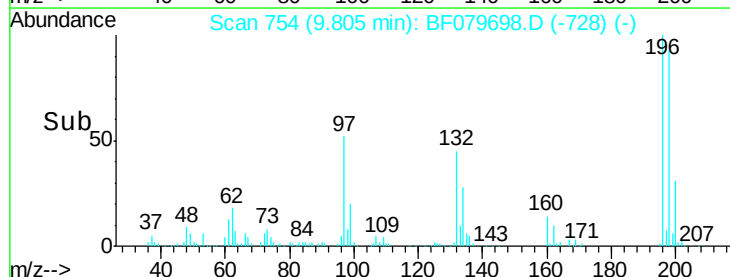
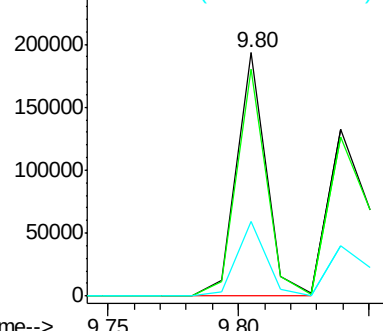
200 30.7 24.0 36.0



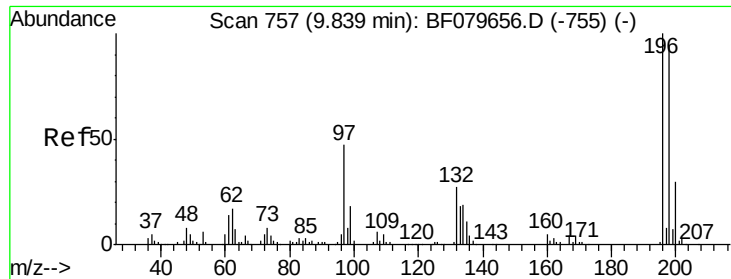
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



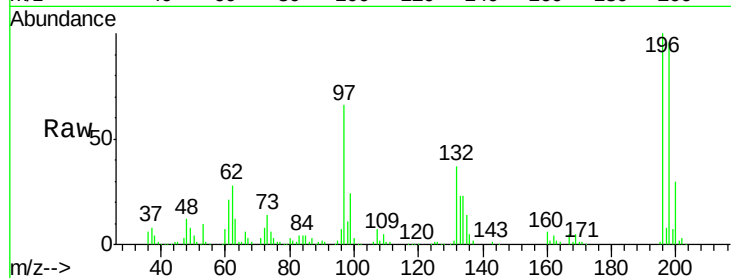




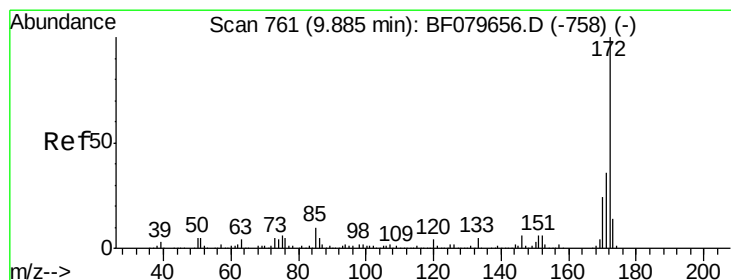
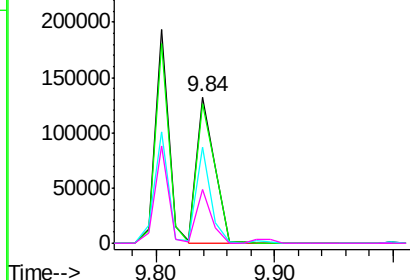
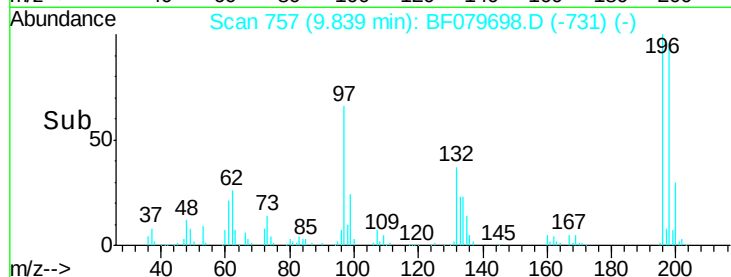
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.08 ng  
 RT: 9.84 min Scan# 757  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:196 Resp: 140379  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 75.3 112.9  
 97 65.6 37.6 56.4#  
 132 37.2 21.5 32.3#

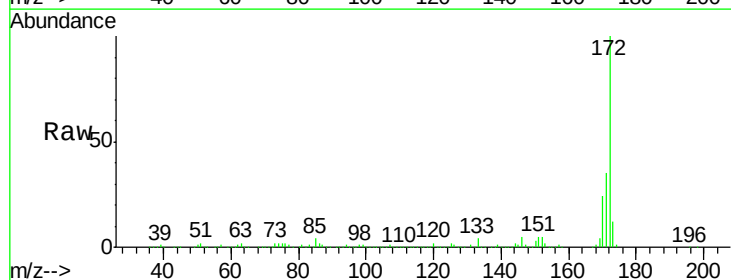


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

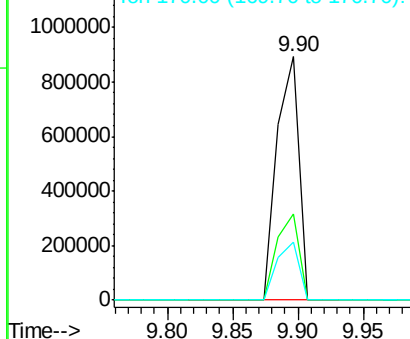
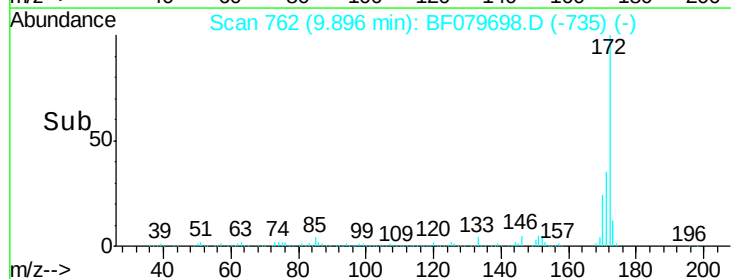


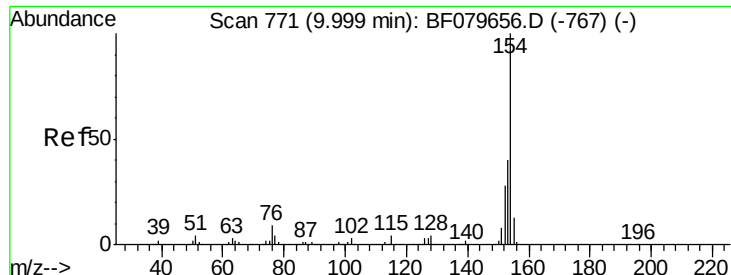
#44  
 2-Fluorobiphenyl  
 Concen: 88.87 ng  
 RT: 9.90 min Scan# 762  
 Delta R.T. 0.01 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:172 Resp: 1059921  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.8 43.2  
 170 23.6 19.2 28.8



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: 42.50 ng

RT: 10.00 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

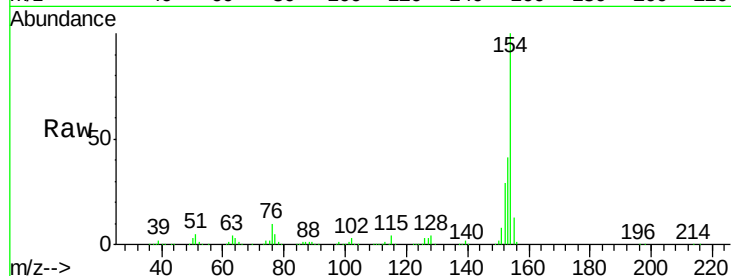
Tot Ion:154 Resp: 593857

Ion Ratio Lower Upper

154 100

153 40.6 19.6 59.6

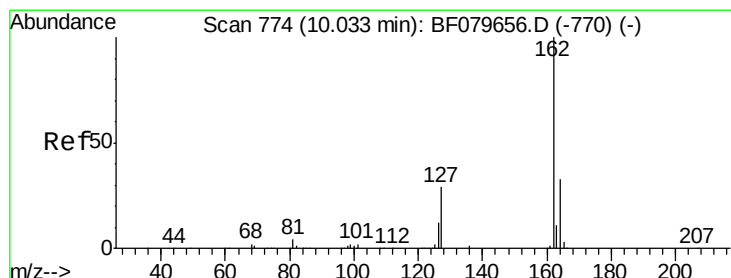
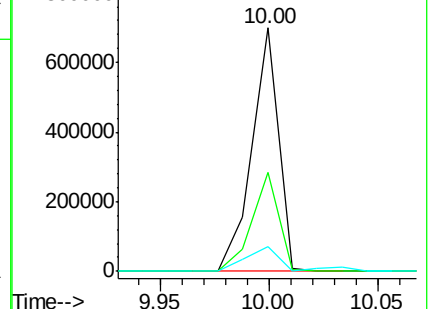
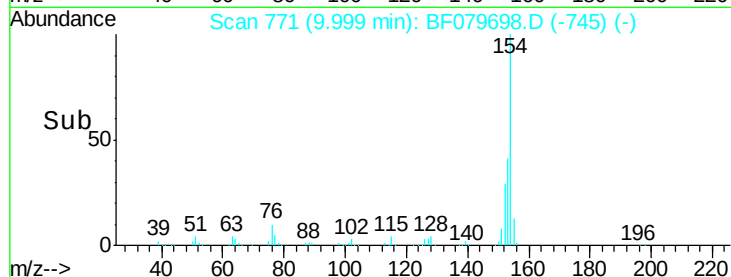
76 10.2 0.0 29.5



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: 41.51 ng

RT: 10.03 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

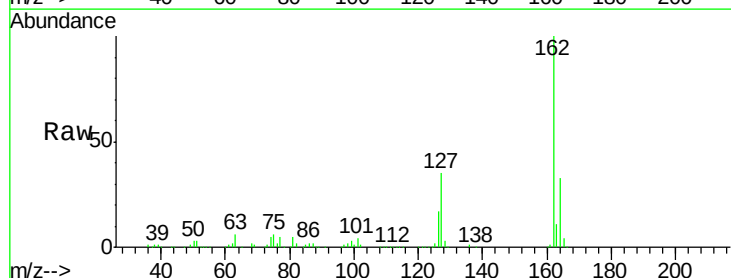
Tgt Ion:162 Resp: 454380

Ion Ratio Lower Upper

162 100

127 34.8 25.6 38.4

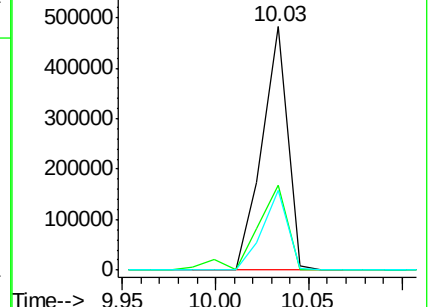
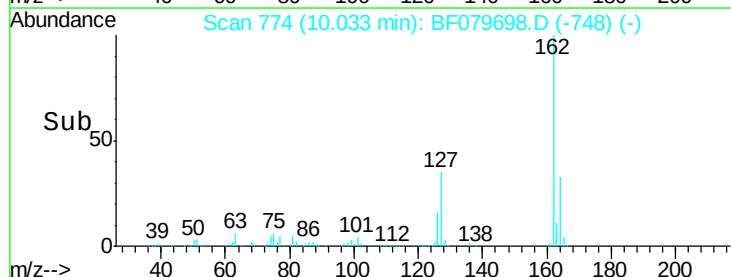
164 33.0 26.3 39.5

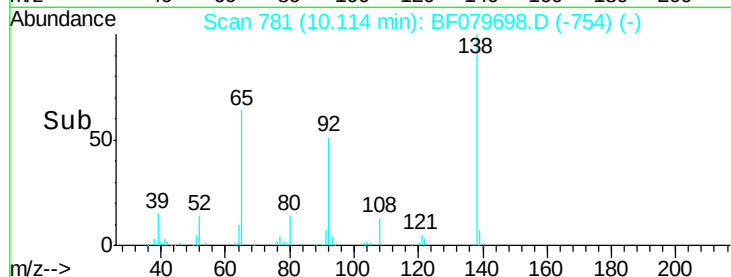
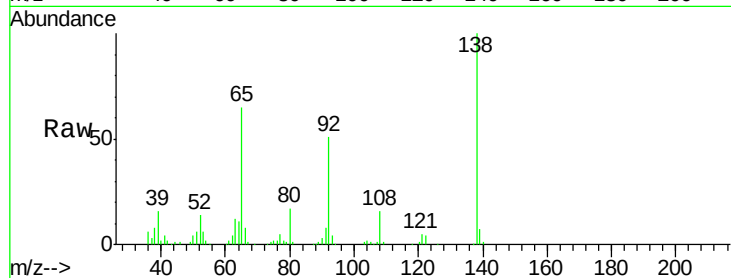
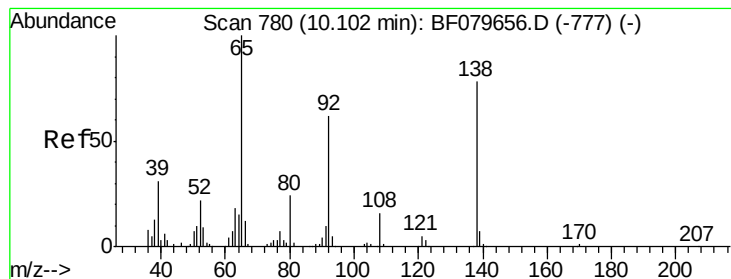


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.34 ng

RT: 10.11 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

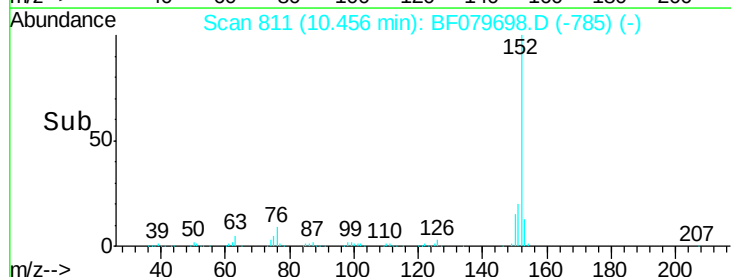
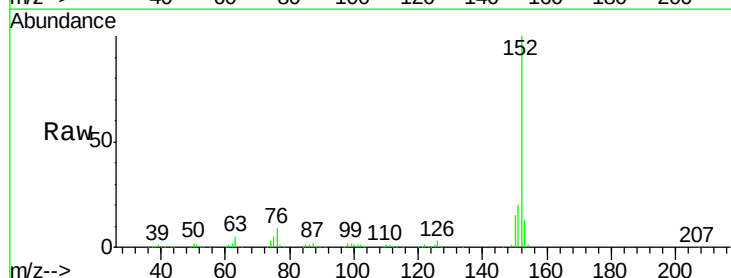
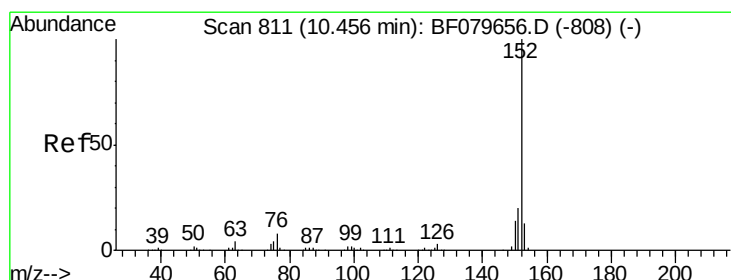
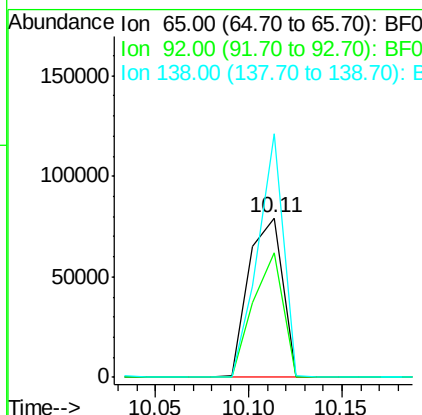
Tot Ion: 65 Resp: 99945

Ion Ratio Lower Upper

65 100

92 78.2 49.7 74.5#

138 152.9 62.6 94.0#



#48

Acenaphthylene

Concen: 41.07 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

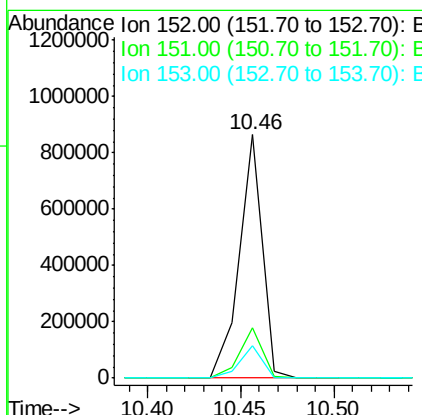
Tgt Ion: 152 Resp: 745210

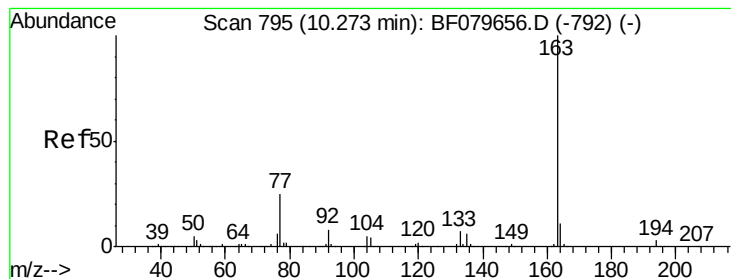
Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 38.98 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

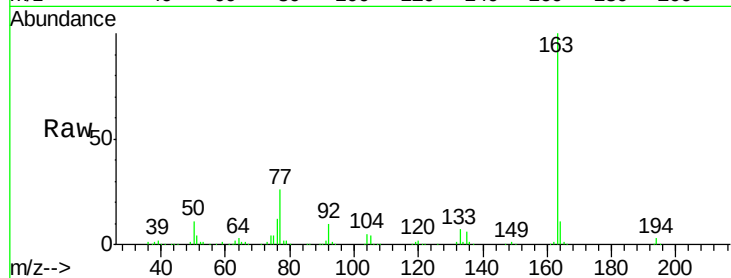
Tot Ion:163 Resp: 517428

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

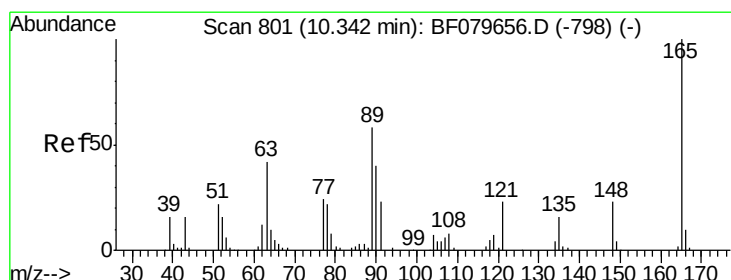
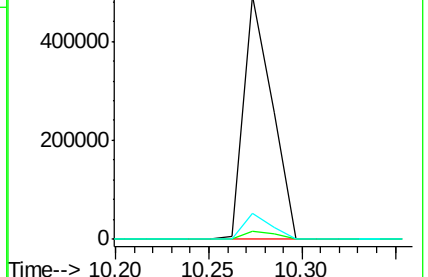
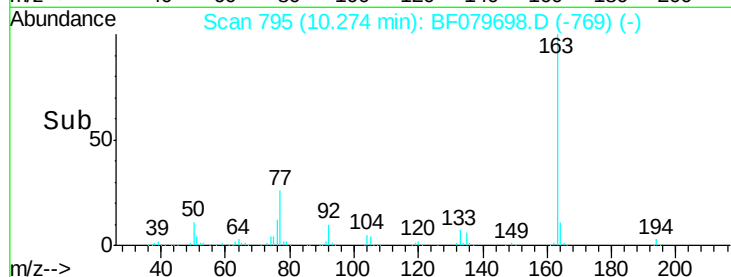
164 10.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.16 ng

RT: 10.34 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

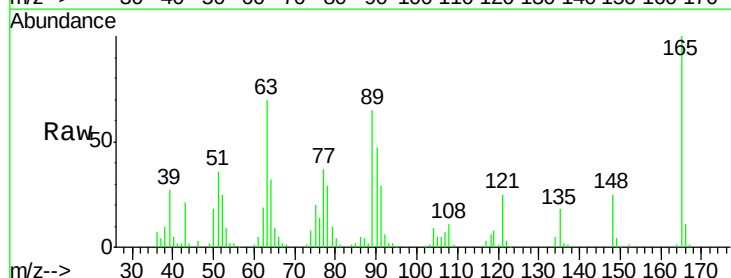
Tgt Ion:165 Resp: 78373

Ion Ratio Lower Upper

165 100

63 69.9 45.9 68.9#

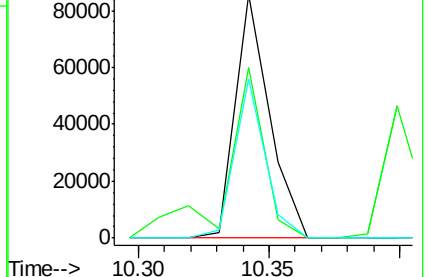
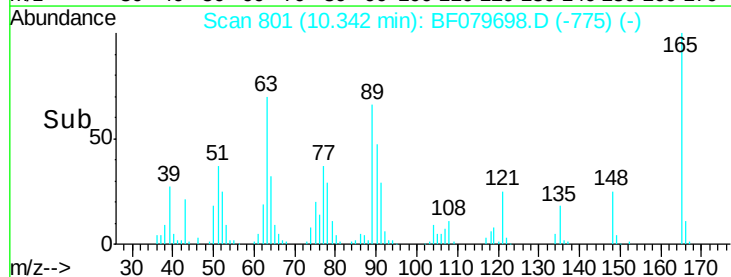
89 65.2 46.8 70.2

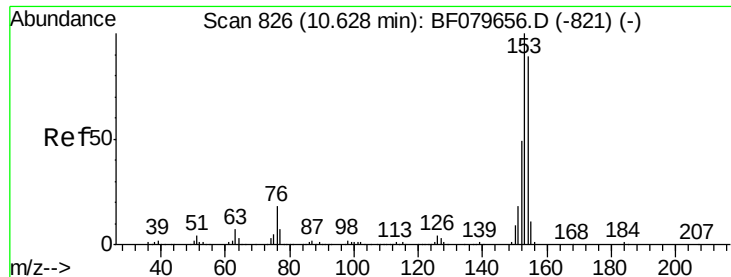


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.76 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

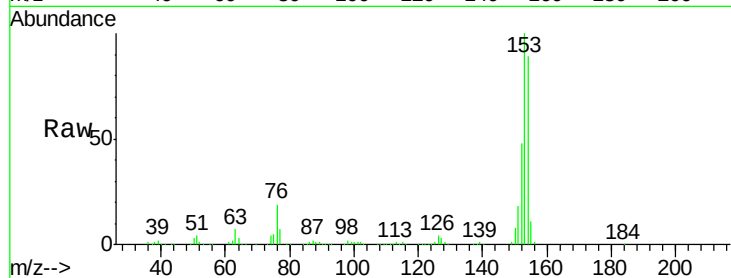
Tot Ion:154 Resp: 426187

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

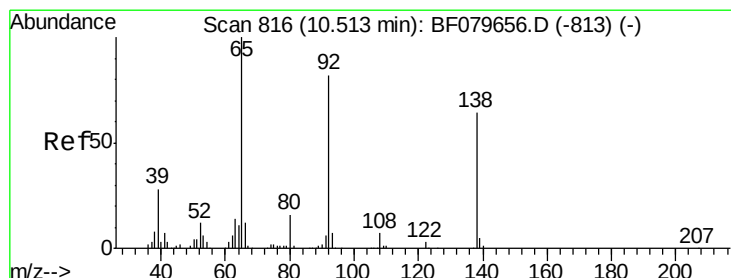
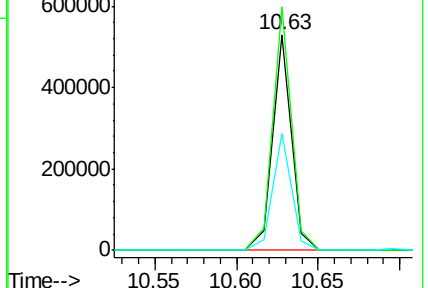
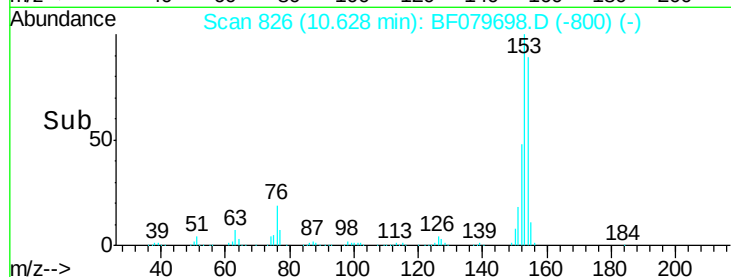
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.46 ng

RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

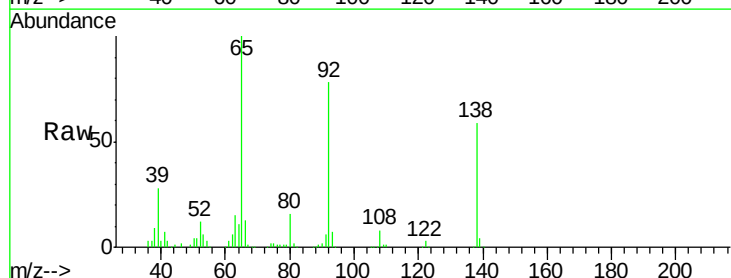
Tgt Ion:138 Resp: 115664

Ion Ratio Lower Upper

138 100

108 13.3 9.1 13.7

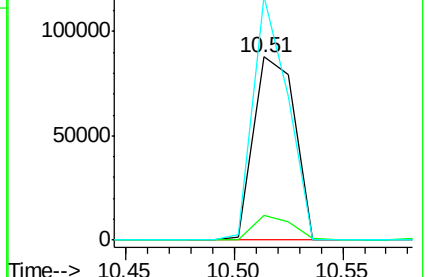
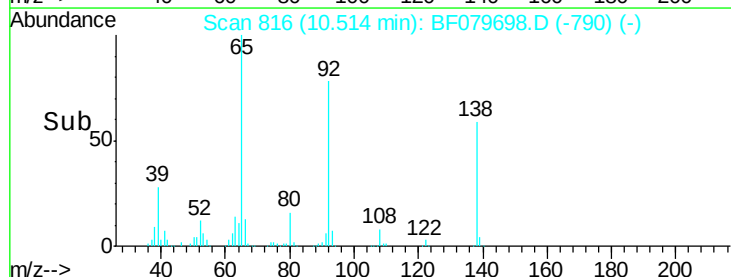
92 132.9 101.4 152.2

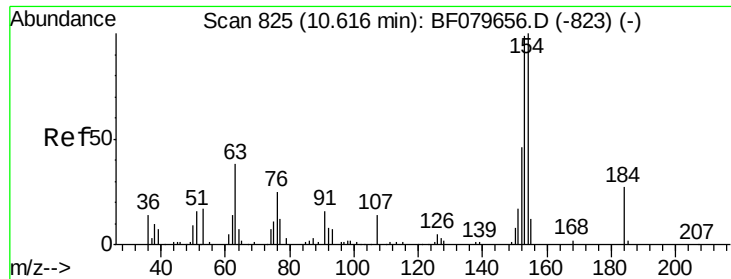


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

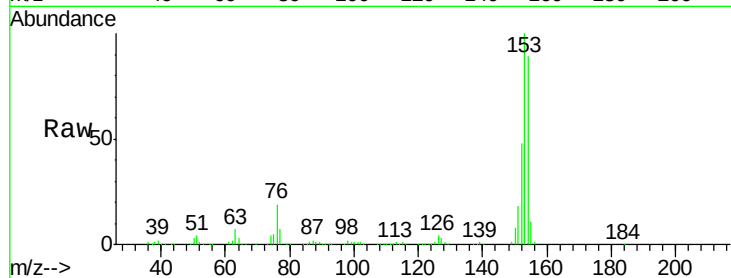




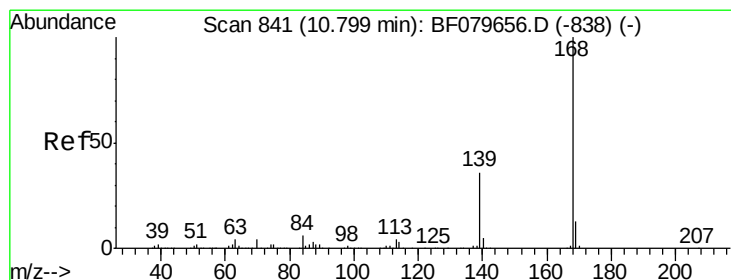
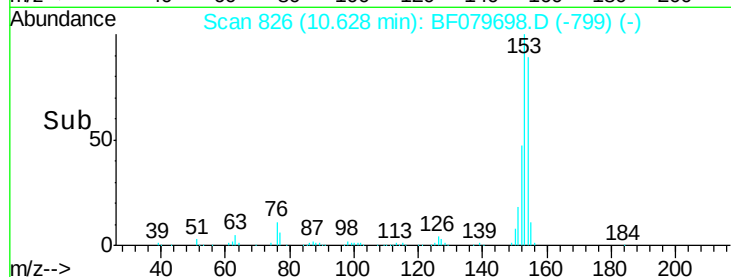
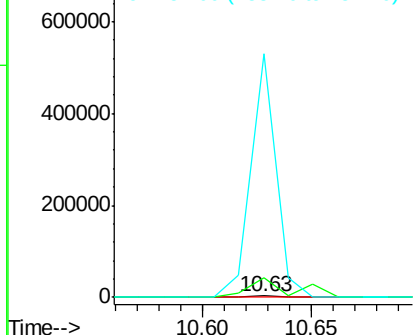
#53  
 2,4-Dinitrophenol  
 Concen: 5.32 ng  
 RT: 10.63 min Scan# 826  
 Delta R.T. 0.01 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:184 Resp: 3188  
 Ion Ratio Lower Upper  
 184 100  
 63 1603.9 114.0 171.0#  
 154 19947.0 297.0 445.4#

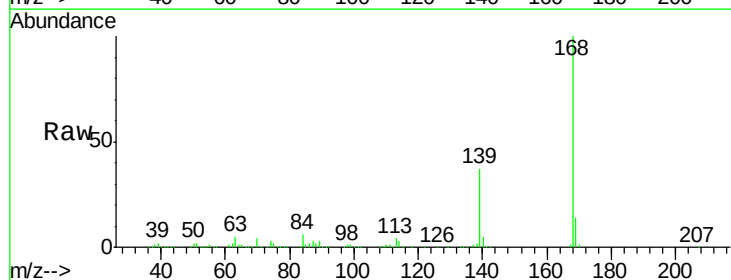


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

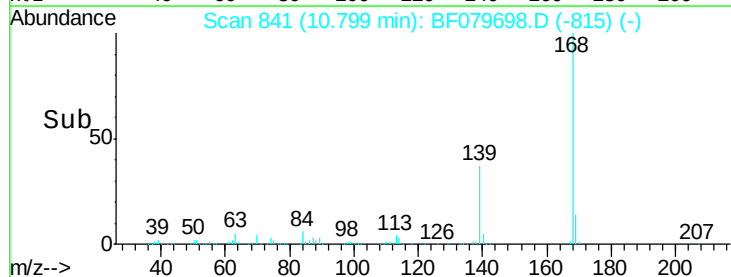
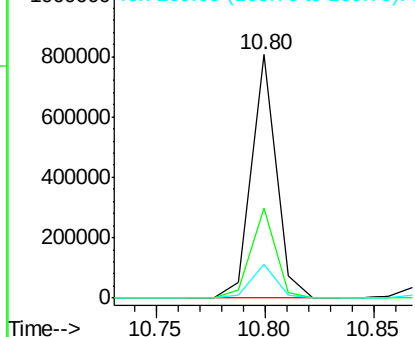


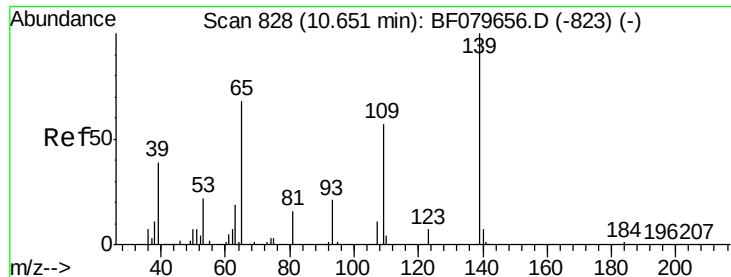
#54  
 Dibenzofuran  
 Concen: 40.03 ng  
 RT: 10.80 min Scan# 841  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:168 Resp: 638954  
 Ion Ratio Lower Upper  
 168 100  
 139 37.2 29.1 43.7  
 169 13.6 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: 38.30 ng

RT: 10.65 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

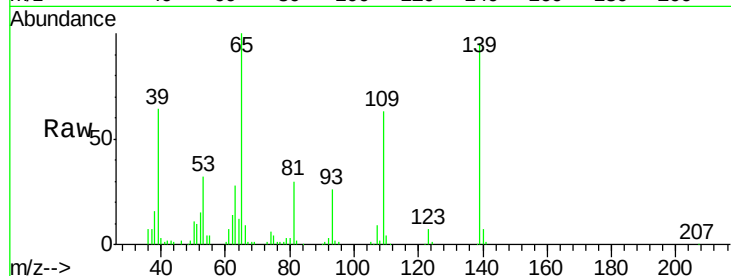
Tot Ion:139 Resp: 80355

Ion Ratio Lower Upper

139 100

109 66.4 37.1 77.1

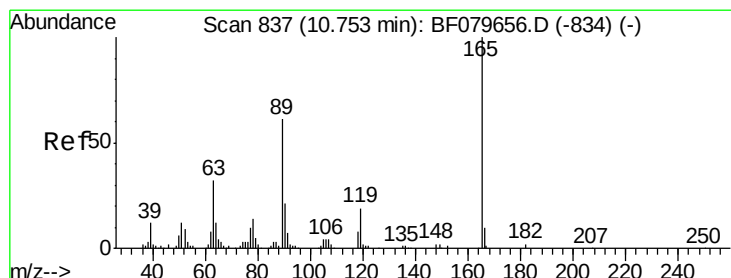
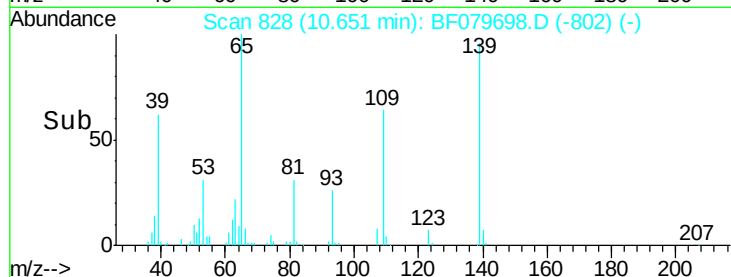
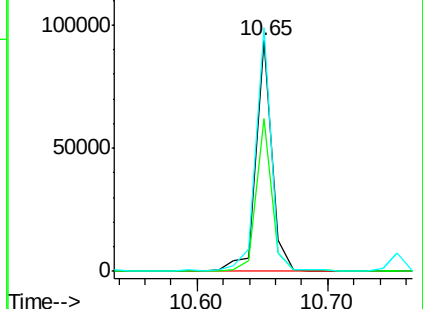
65 105.5 49.2 89.2#



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): E



#56

2,4-Dinitrotoluene

Concen: 40.94 ng

RT: 10.75 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Tgt Ion:165 Resp: 103892

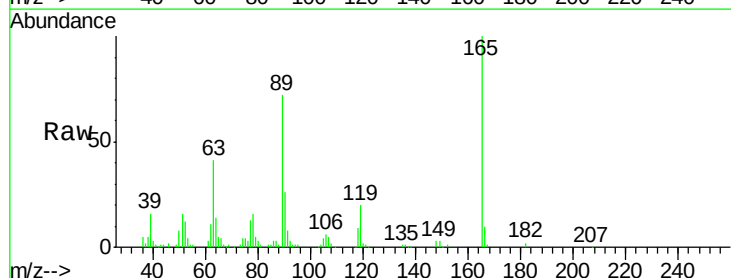
Ion Ratio Lower Upper

165 100

63 41.5 25.5 38.3#

89 71.6 48.5 72.7

182 2.1 1.9 2.9

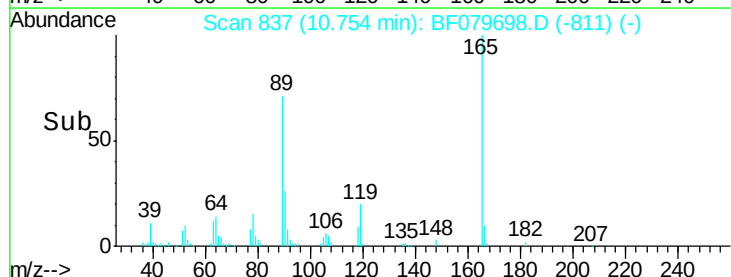
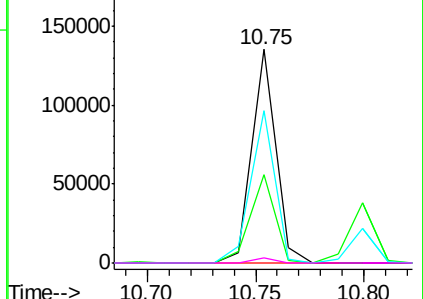


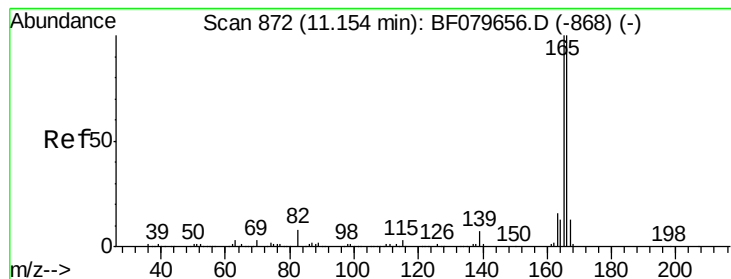
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.65 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

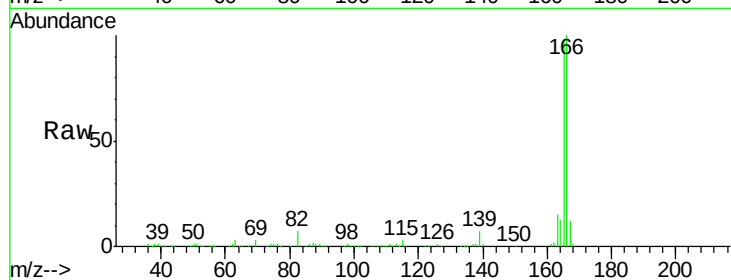
Tot Ion:166 Resp: 504133

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.6

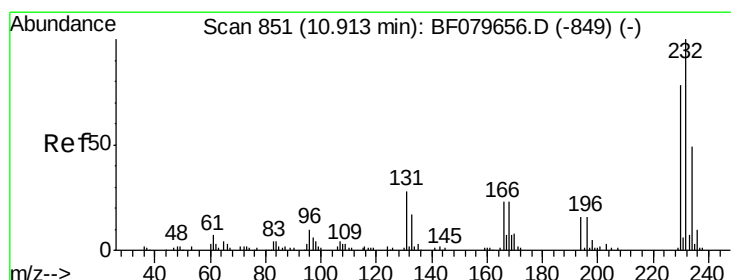
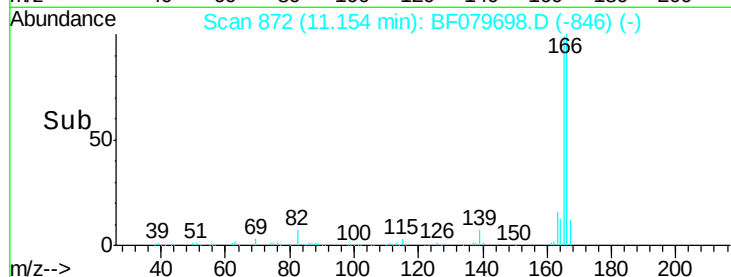
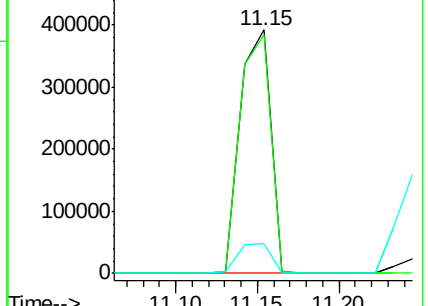
167 12.2 10.6 15.8



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: 48.41 ng

RT: 10.91 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Tgt Ion:232 Resp: 117520

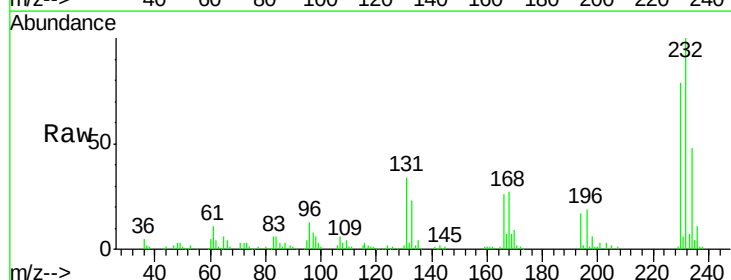
Ion Ratio Lower Upper

232 100

131 40.8 36.6 54.8

130 1.9 1.6 2.4

166 28.5 24.1 36.1

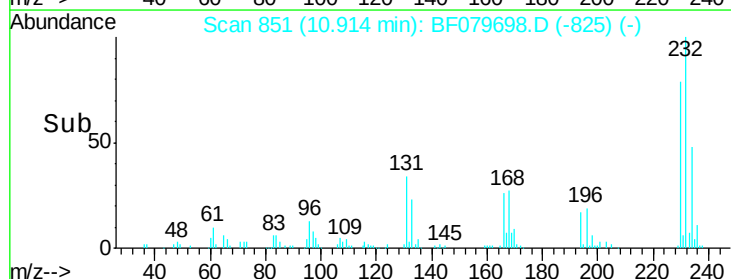
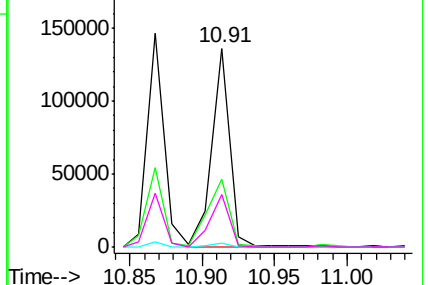


Abundance Ion 232.00 (231.70 to 232.70): E

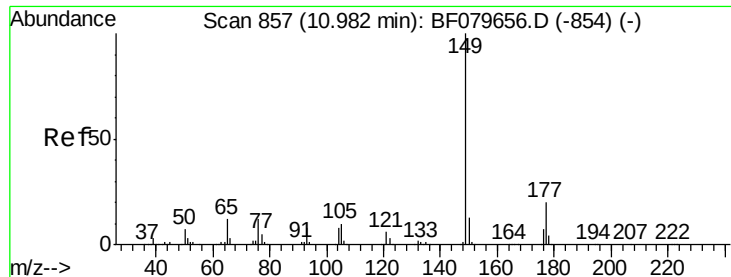
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 40.34 ng

RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

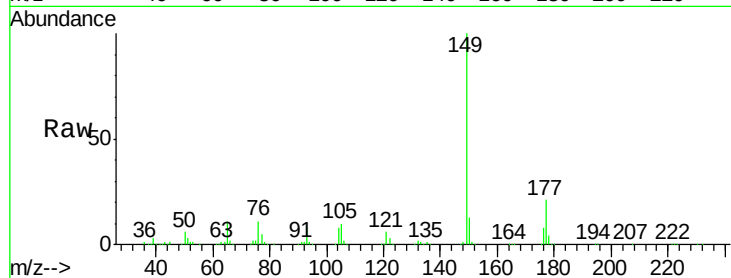
Tot Ion:149 Resp: 514304

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

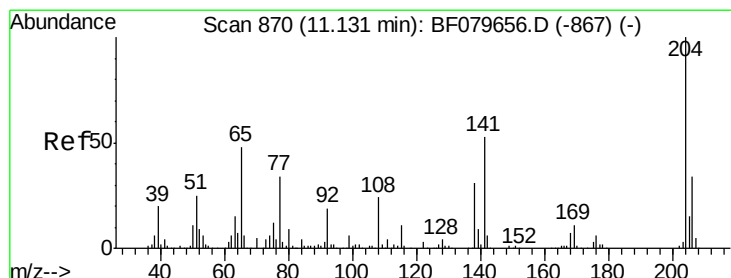
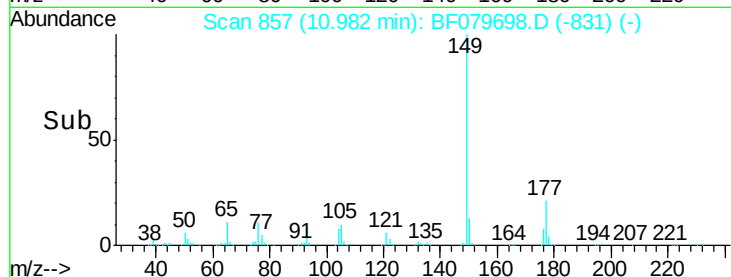
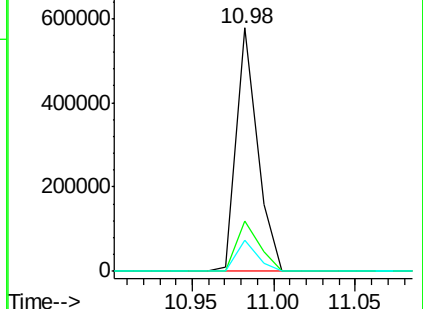
150 13.0 10.2 15.2



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: 42.83 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

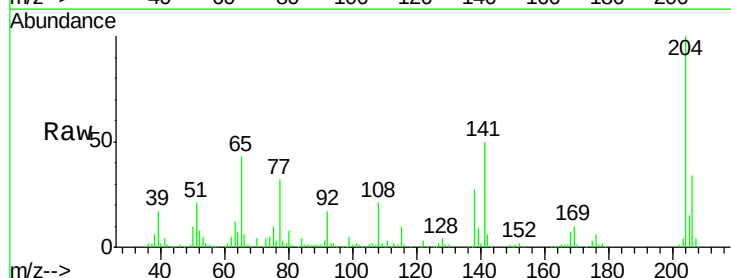
Tgt Ion:204 Resp: 252143

Ion Ratio Lower Upper

204 100

206 33.7 27.5 41.3

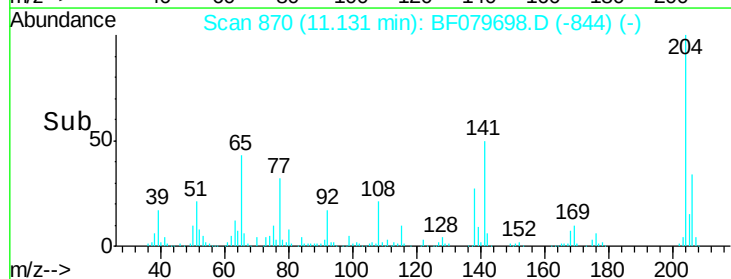
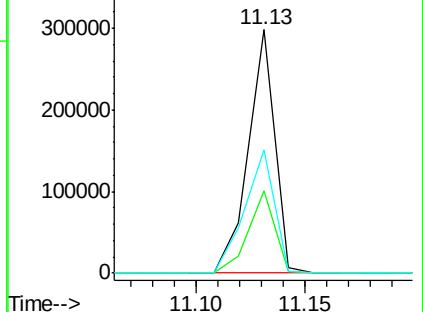
141 50.4 42.8 64.2

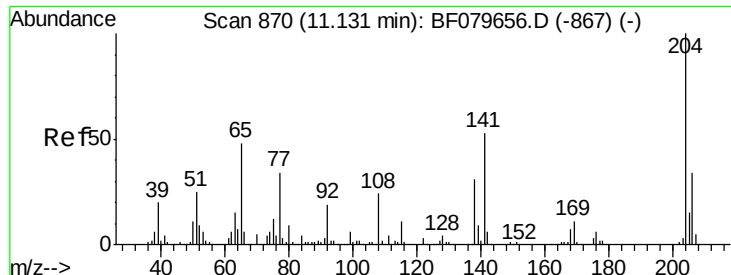


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

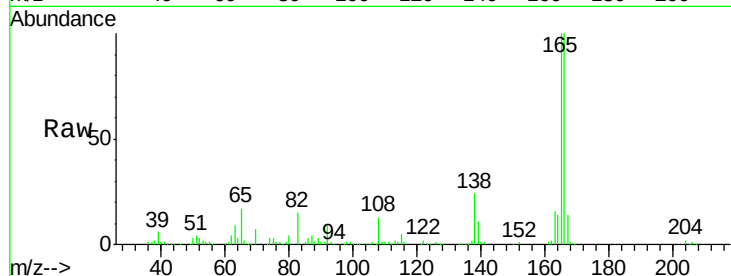




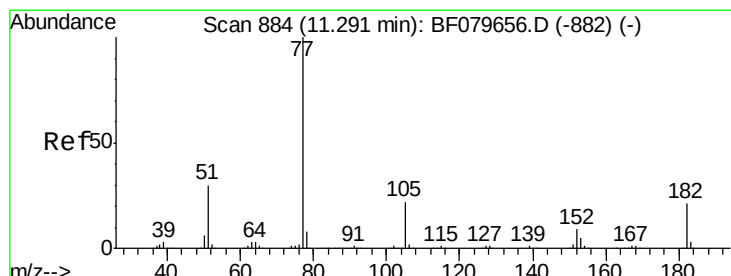
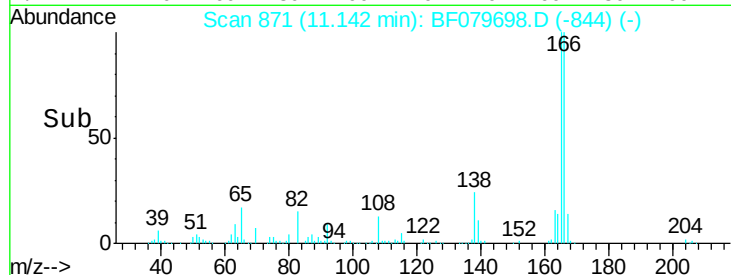
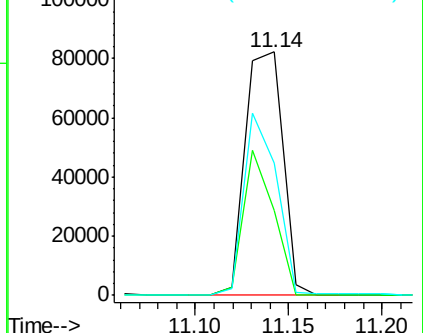
#61  
4-Nitroaniline  
Concen: 44.83 ng  
RT: 11.14 min Scan# 871  
Delta R.T. 0.01 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:138 Resp: 115056  
Ion Ratio Lower Upper  
138 100  
92 35.0 40.7 80.7#  
108 54.3 56.0 96.0#

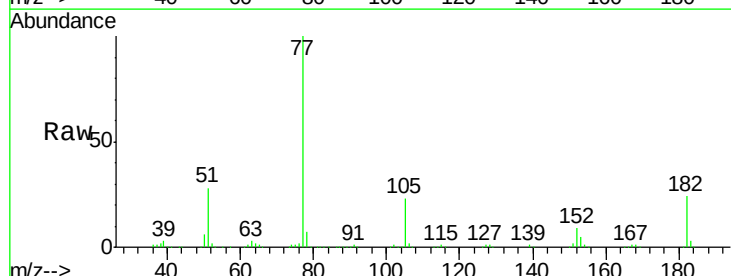


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

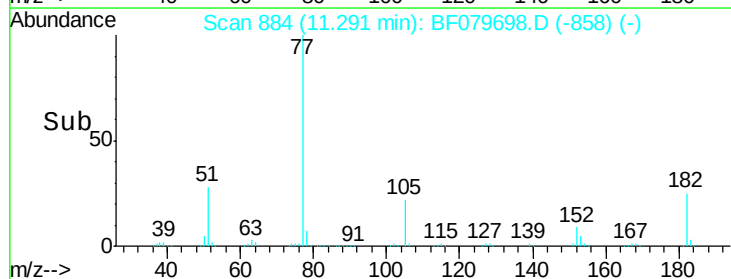
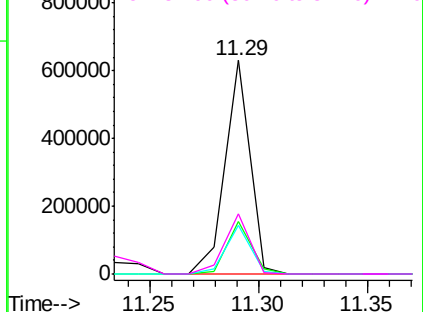


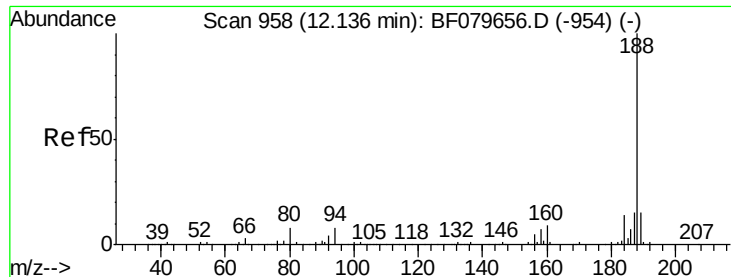
#62  
Azobenzene  
Concen: 41.93 ng  
RT: 11.29 min Scan# 884  
Delta R.T. 0.00 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion: 77 Resp: 499813  
Ion Ratio Lower Upper  
77 100  
182 24.4 1.3 41.3  
105 23.0 2.3 42.3  
51 28.2 9.9 49.9



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: 12.13 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

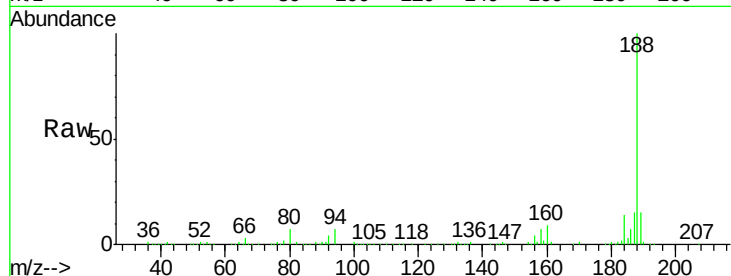
Tot Ion:188 Resp: 332699

Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

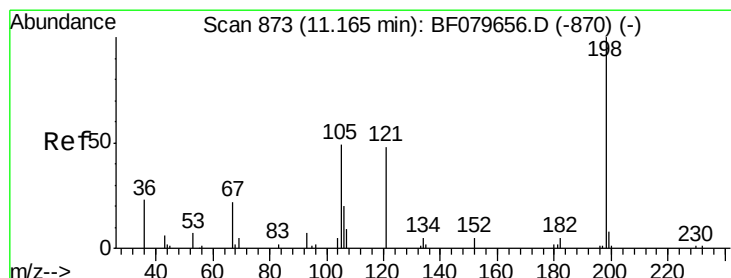
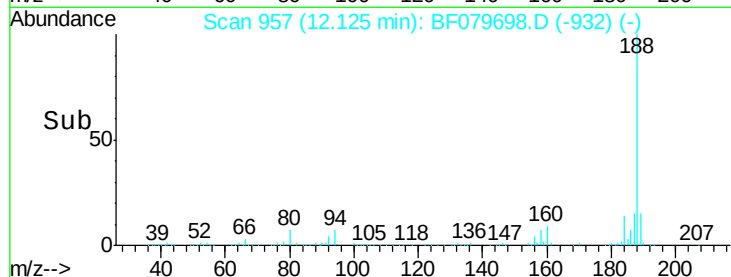
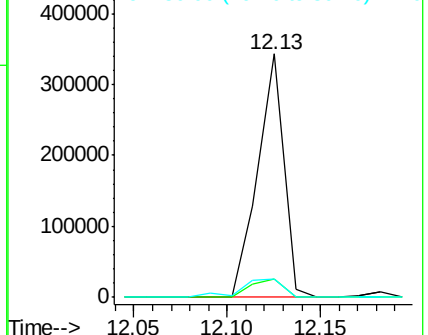
80 7.5 6.2 9.2



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: 12.65 ng

RT: 11.17 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

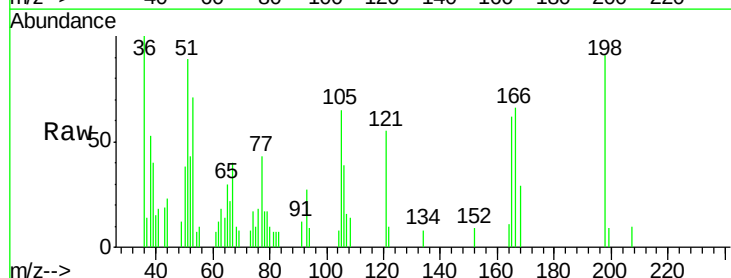
Tgt Ion:198 Resp: 5395

Ion Ratio Lower Upper

198 100

51 97.4 46.1 86.1#

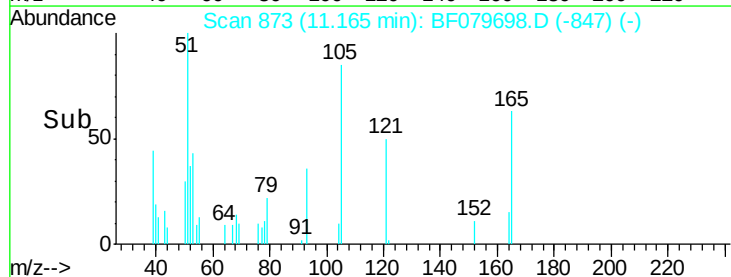
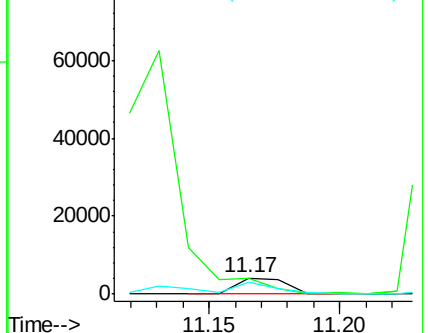
105 70.6 34.6 74.6

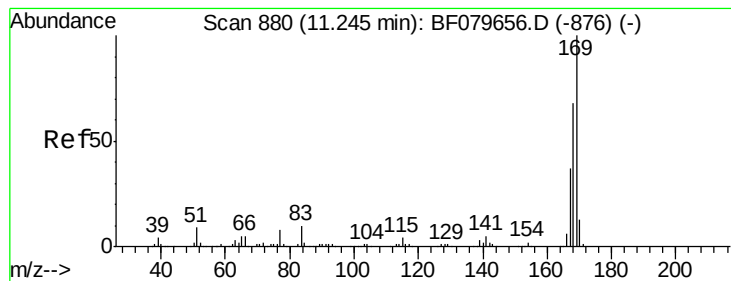


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

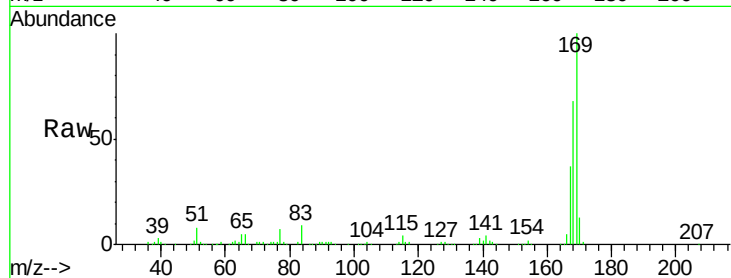




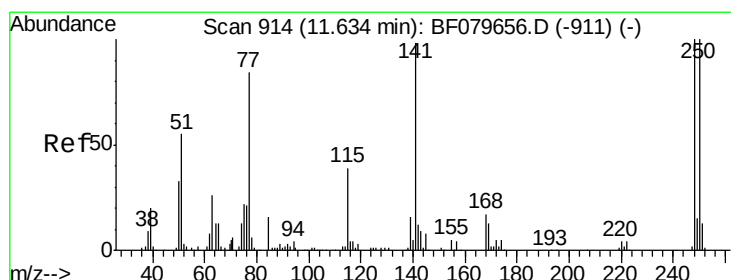
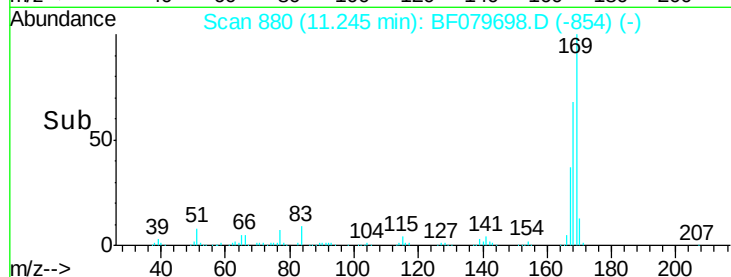
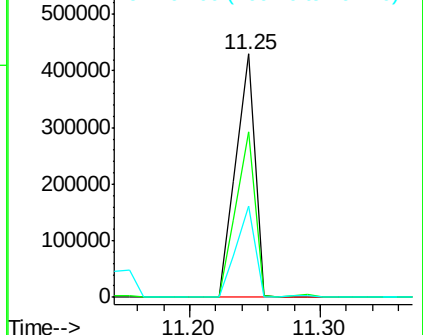
#65  
 n-Nitrosodiphenylamine  
 Concen: 42.08 ng  
 RT: 11.25 min Scan# 880  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:169 Resp: 439653  
 Ion Ratio Lower Upper  
 169 100  
 168 68.0 54.3 81.5  
 167 37.2 29.4 44.0

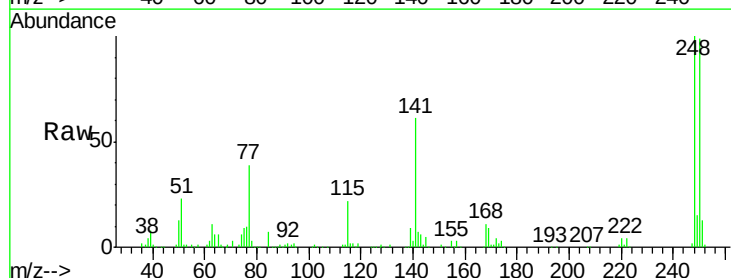


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

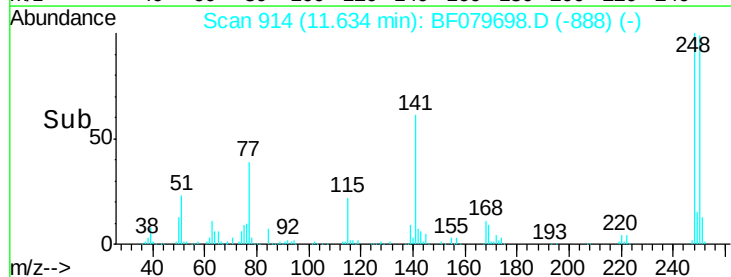
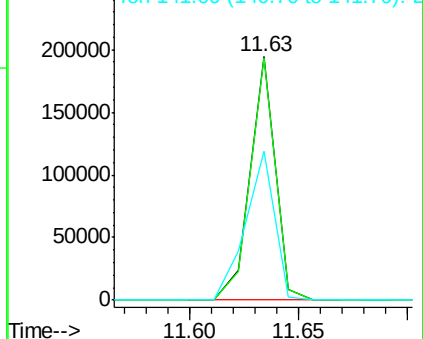


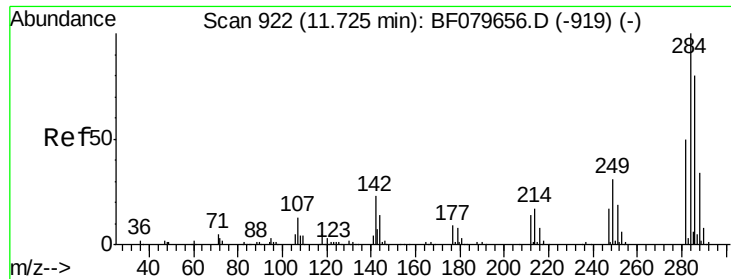
#66  
 4-Bromophenyl-phenylether  
 Concen: 46.60 ng  
 RT: 11.63 min Scan# 914  
 Delta R.T. 0.00 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:248 Resp: 155562  
 Ion Ratio Lower Upper  
 248 100  
 250 99.3 80.0 120.0  
 141 61.0 78.8 118.2#



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

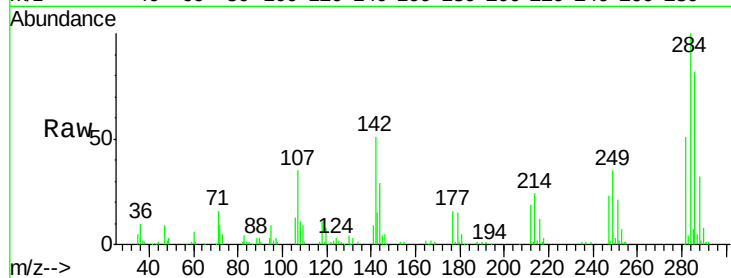




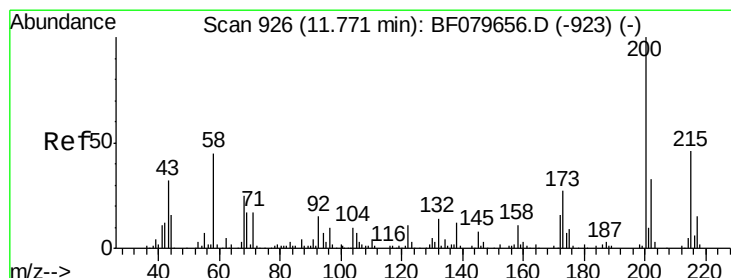
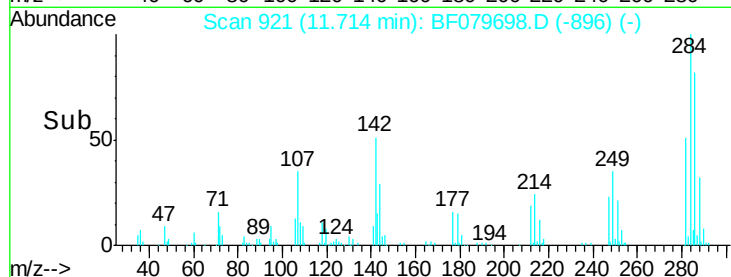
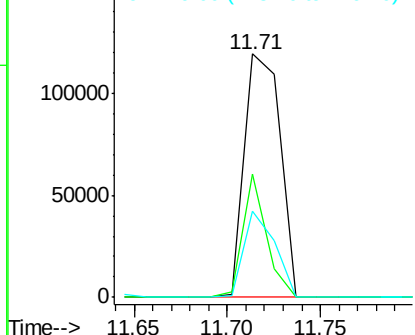
#67  
Hexachlorobenzene  
Concen: 40.27 ng  
RT: 11.71 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:284 Resp: 157968  
Ion Ratio Lower Upper  
284 100  
142 50.7 18.6 28.0#  
249 35.4 24.5 36.7

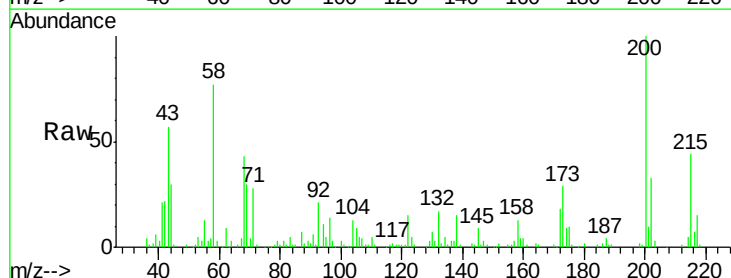


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

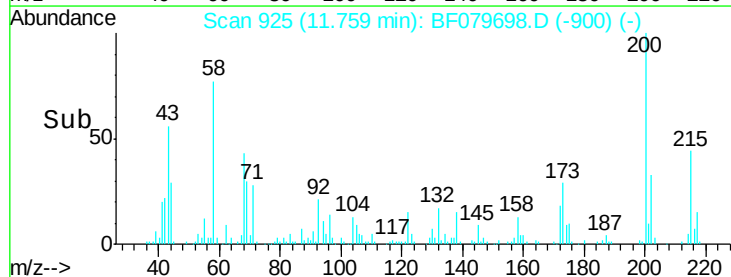
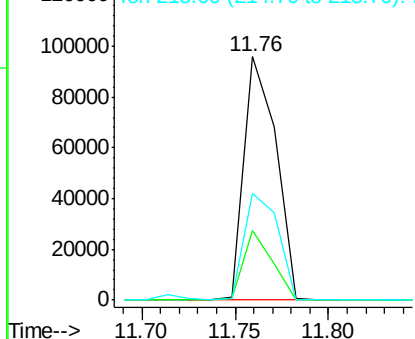


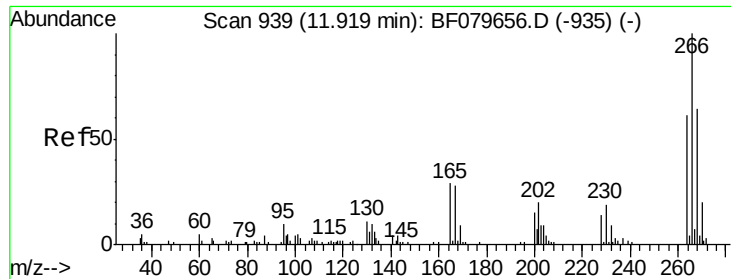
#68  
Atrazine  
Concen: 42.53 ng  
RT: 11.76 min Scan# 925  
Delta R.T. -0.01 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion:200 Resp: 113795  
Ion Ratio Lower Upper  
200 100  
173 28.6 6.7 46.7  
215 44.0 26.1 66.1



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

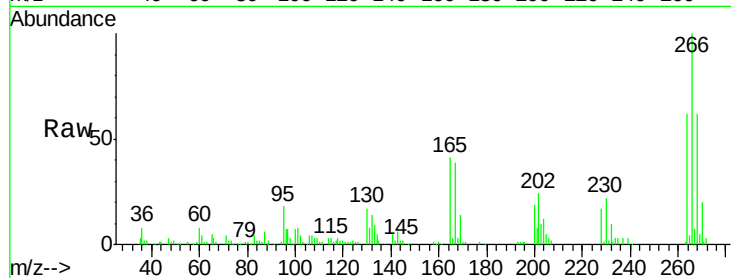




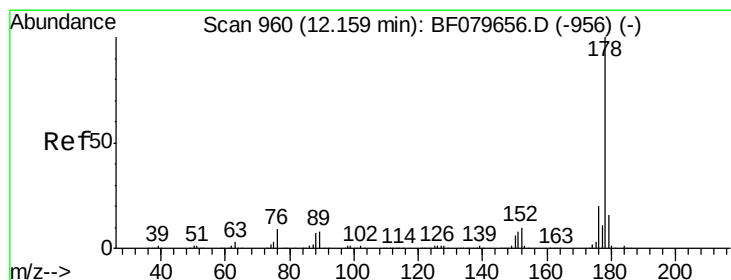
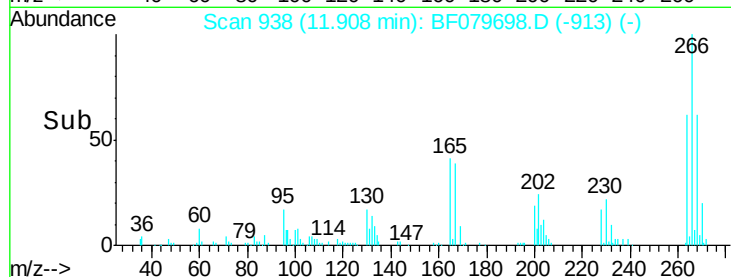
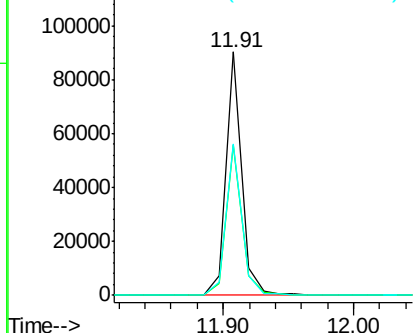
#69  
 Pentachlorophenol  
 Concen: 52.95 ng  
 RT: 11.91 min Scan# 938  
 Delta R.T. -0.01 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:266 Resp: 76087  
 Ion Ratio Lower Upper  
 266 100  
 268 61.6 51.0 76.4  
 264 62.1 48.6 72.8

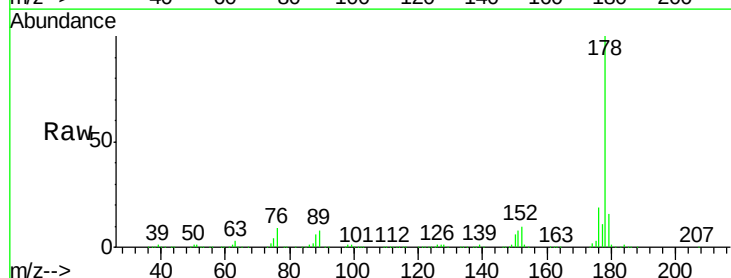


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

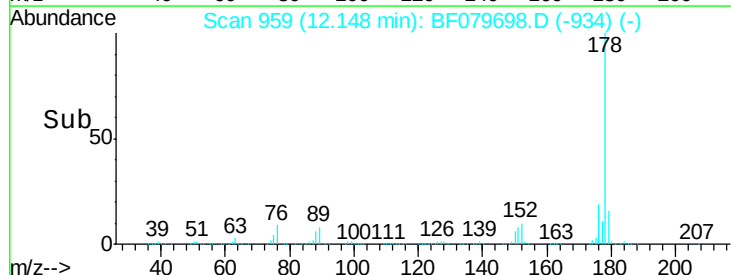
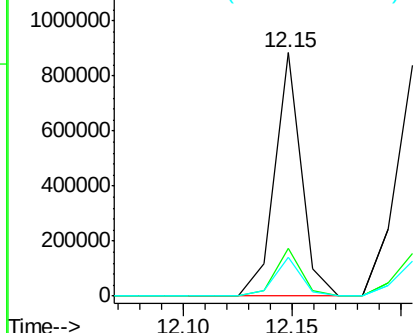


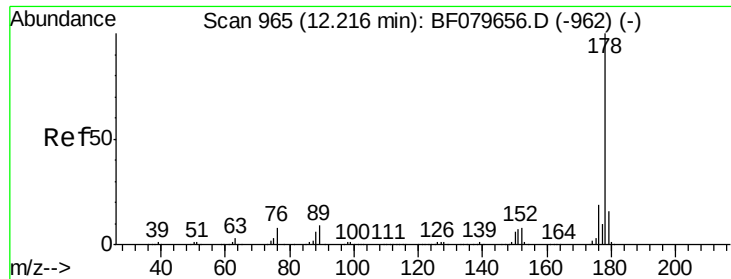
#70  
 Phenanthrene  
 Concen: 41.08 ng  
 RT: 12.15 min Scan# 959  
 Delta R.T. -0.01 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:178 Resp: 755598  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.8 23.8  
 179 15.9 12.7 19.1



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

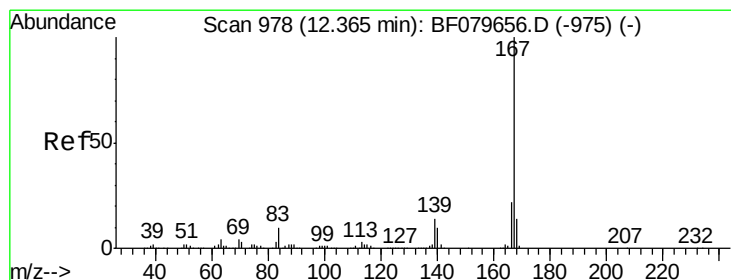
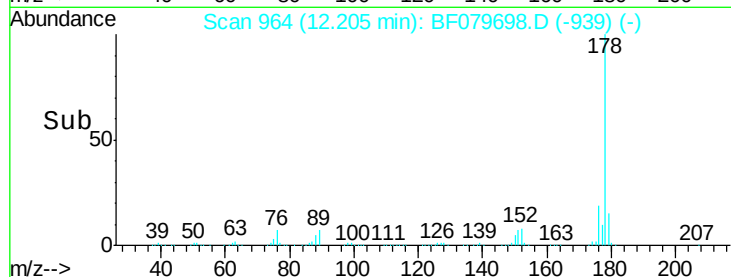
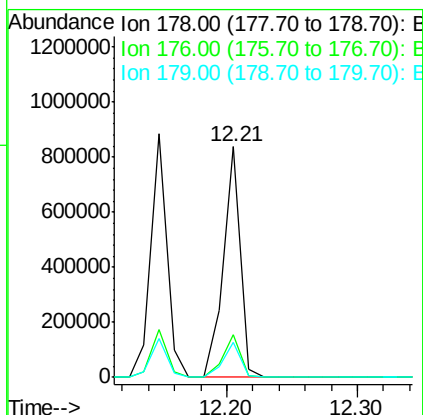
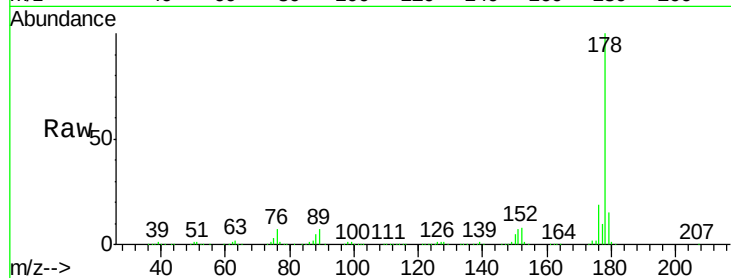




#71  
 Anthracene  
 Concen: 41.36 ng  
 RT: 12.21 min Scan# 964  
 Delta R.T. -0.01 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

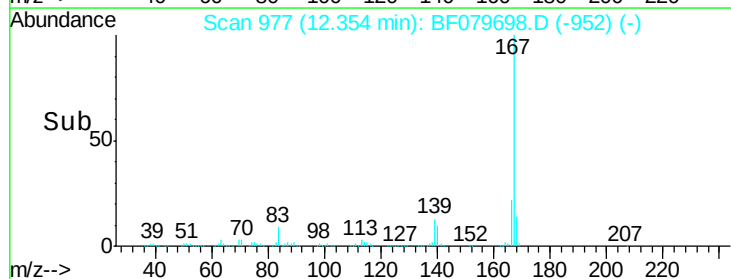
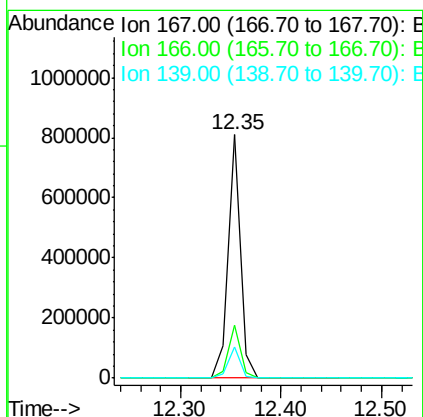
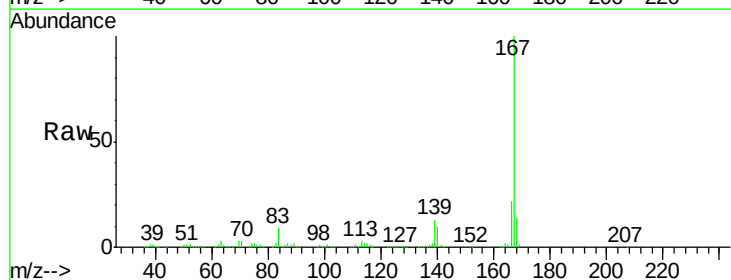
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

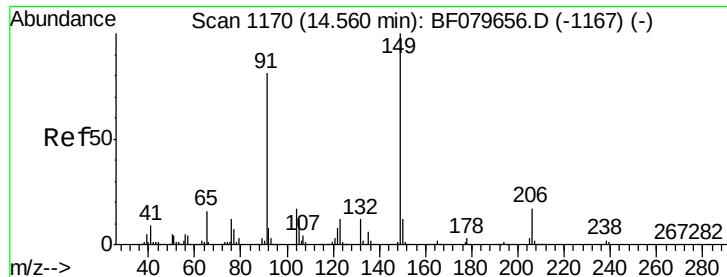
Tot Ion:178 Resp: 765403  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 15.4 23.0  
 179 15.3 12.6 19.0



#72  
 Carbazole  
 Concen: 40.30 ng  
 RT: 12.35 min Scan# 977  
 Delta R.T. -0.01 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:167 Resp: 684846  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 12.9 11.3 16.9





#73

Di-n-butylphthalate

Concen: 45.67 ng

RT: 12.69 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

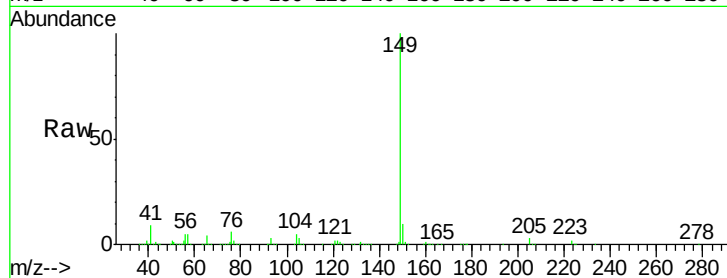
Tot Ion:149 Resp: 850657

Ion Ratio Lower Upper

149 100

150 10.0 9.5 14.3

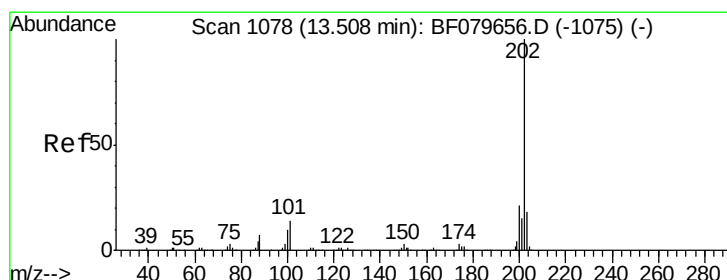
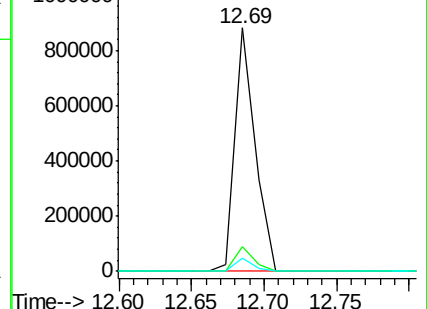
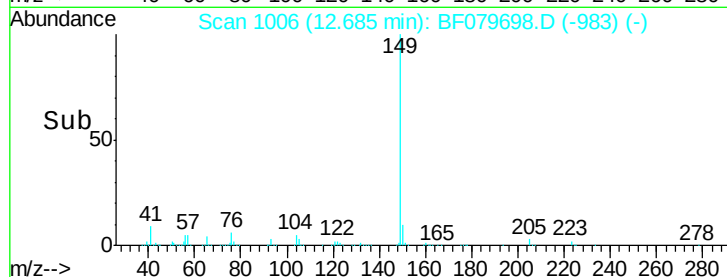
104 5.2 13.8 20.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.30 ng

RT: 13.46 min Scan# 1074

Delta R.T. -0.05 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

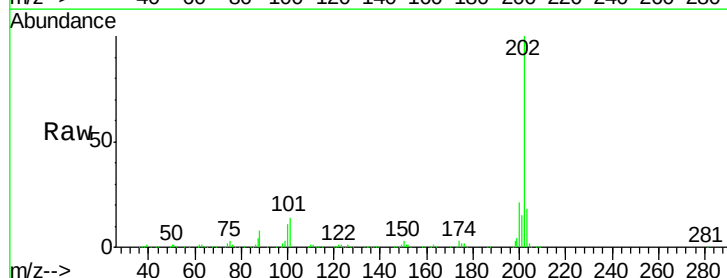
Tgt Ion:202 Resp: 799351

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.0

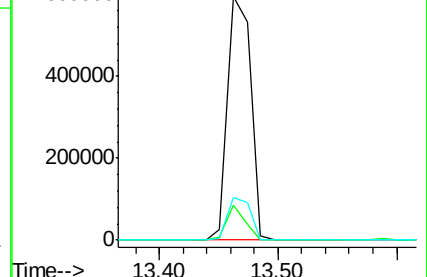
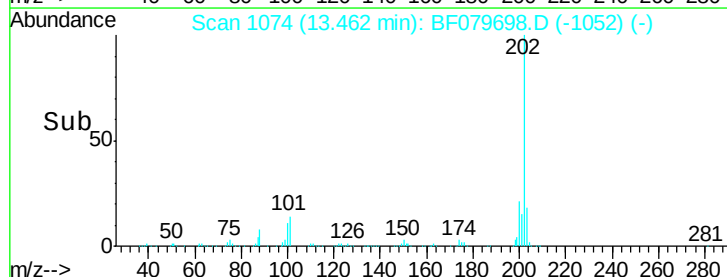
203 17.7 0.0 37.9



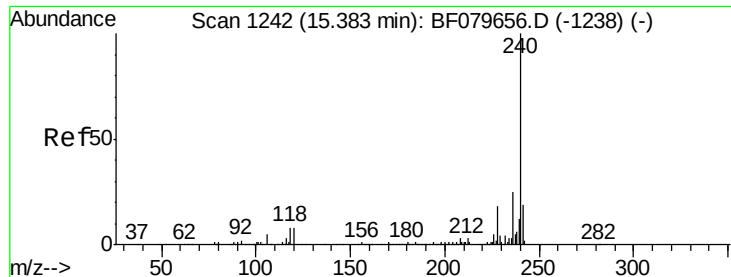
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.26 min Scan# 1231

Delta R.T. -0.13 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

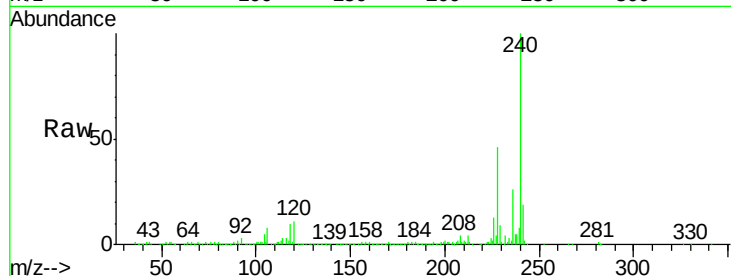
Tot Ion:240 Resp: 352773

Ion Ratio Lower Upper

240 100

120 11.5 6.4 9.6#

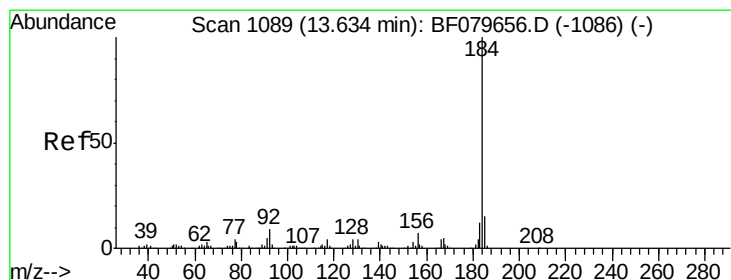
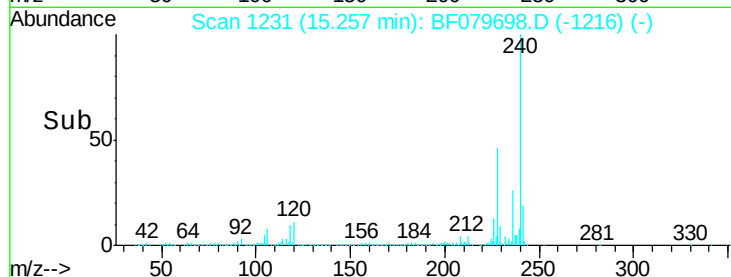
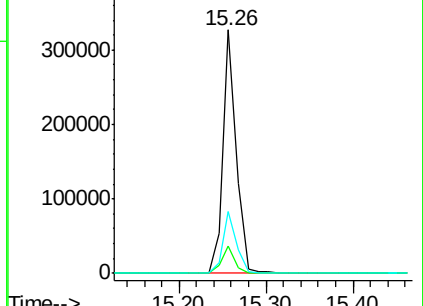
236 25.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 63.03 ng

RT: 13.59 min Scan# 1085

Delta R.T. -0.05 min

Lab File: BF079698.D

Acq: 4 Jun 2015 10:16

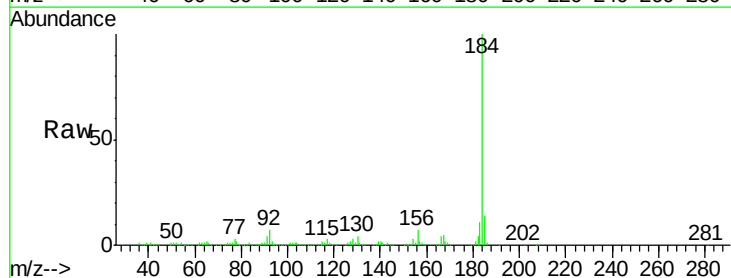
Tgt Ion:184 Resp: 505847

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

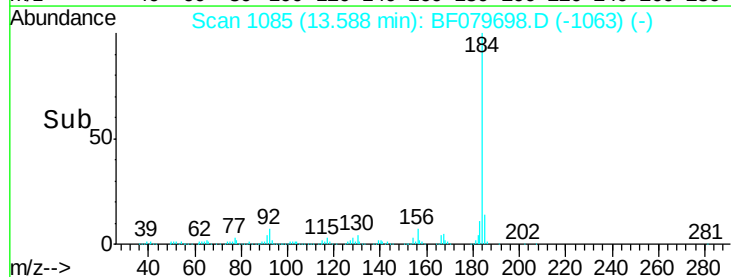
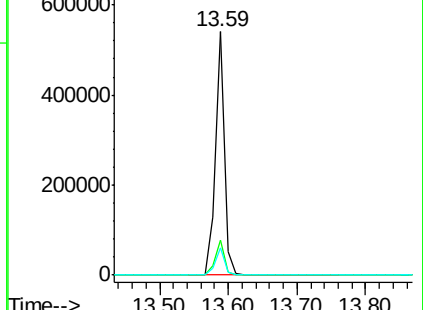
183 11.2 9.2 13.8

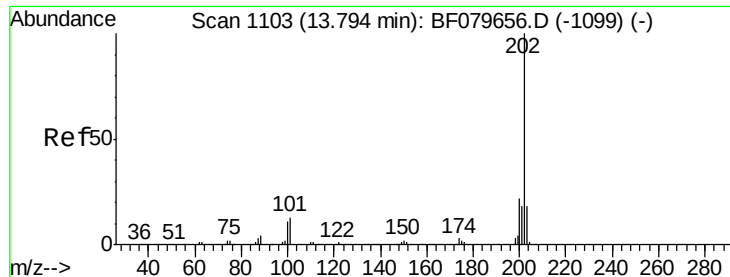


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

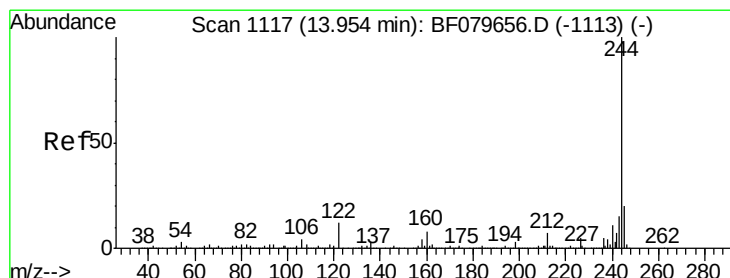
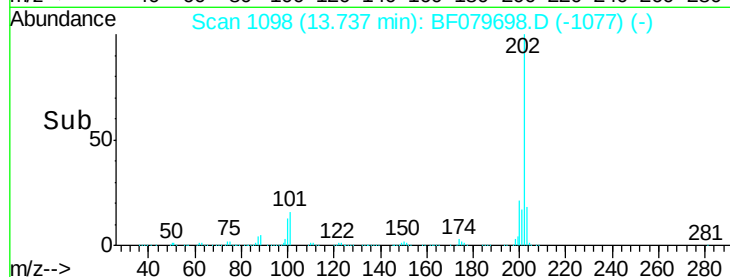
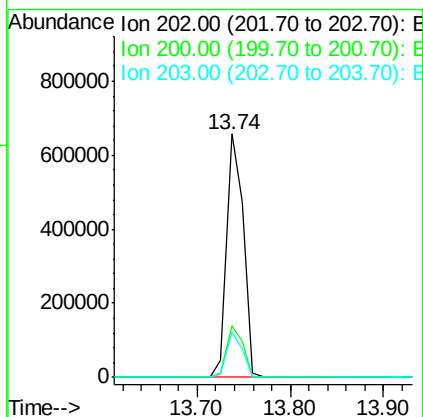
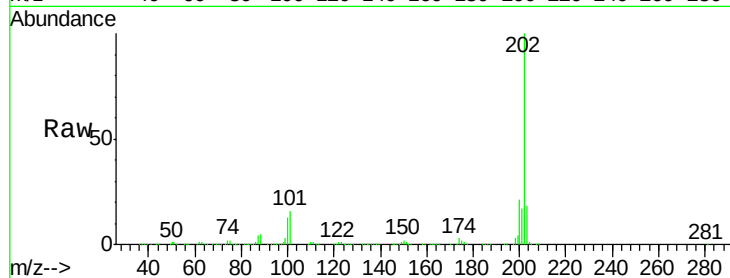




#77  
Pvrene  
Concen: 40.24 ng  
RT: 13.74 min Scan# 1098  
Delta R.T. -0.06 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

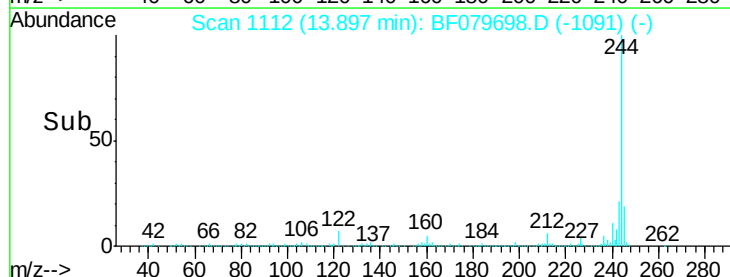
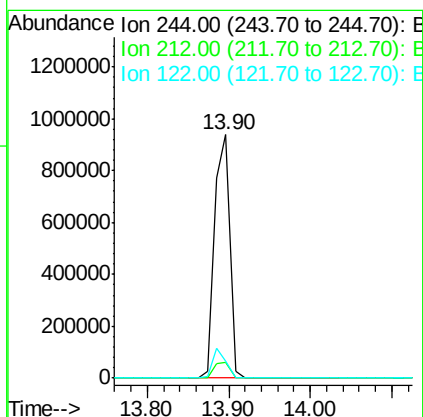
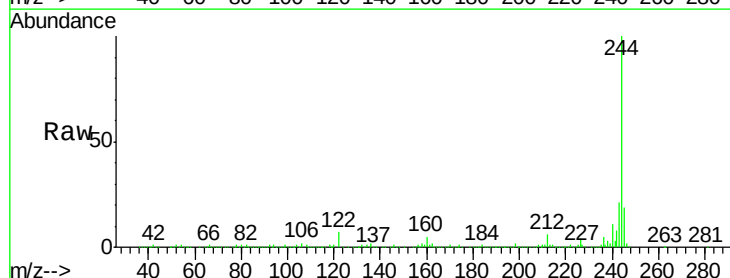
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

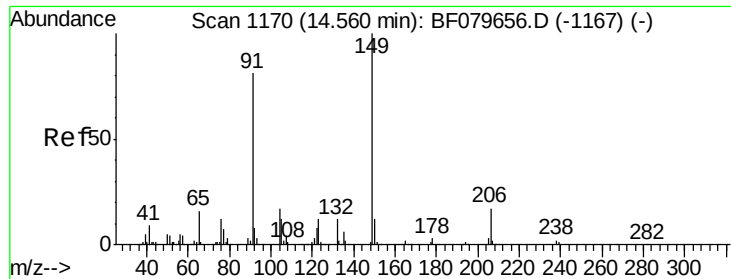
Tot Ion:202 Resp: 817269  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.4 26.0  
203 18.4 14.5 21.7



#78  
Terphenyl-d14  
Concen: 87.24 ng  
RT: 13.90 min Scan# 1112  
Delta R.T. -0.06 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion:244 Resp: 1211453  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.9 8.9  
122 7.0 9.8 14.6#

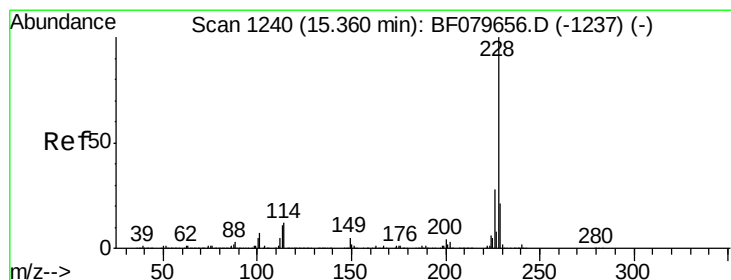
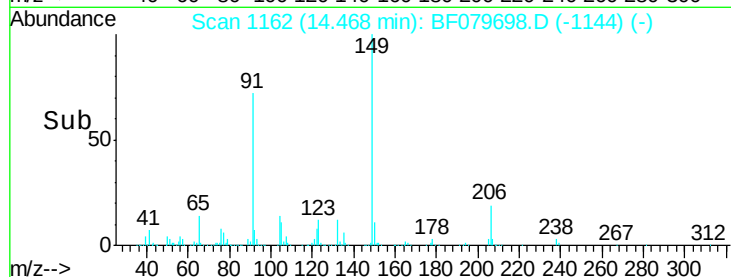
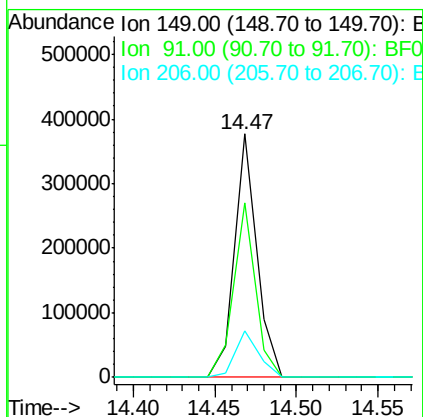
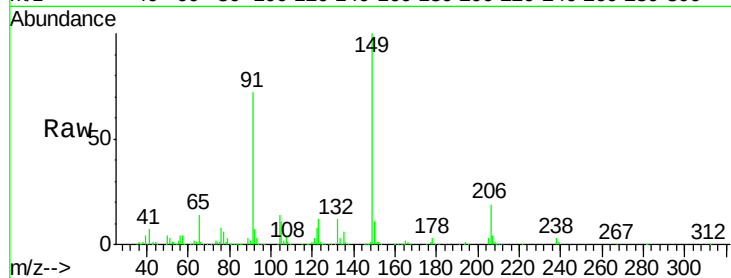




#79  
Butylbenzylphthalate  
Concen: 50.23 ng  
RT: 14.47 min Scan# 1162  
Delta R.T. -0.09 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

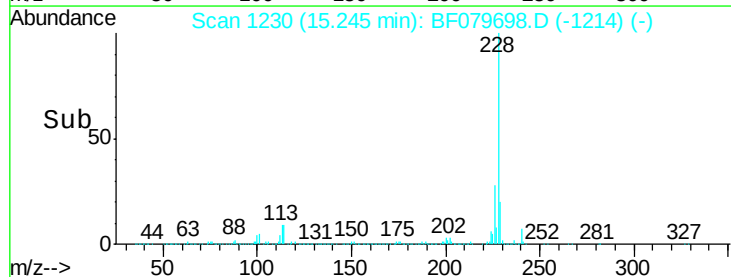
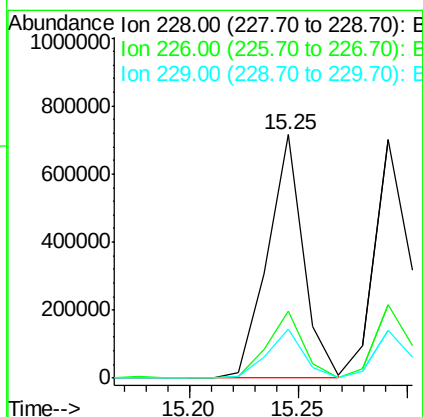
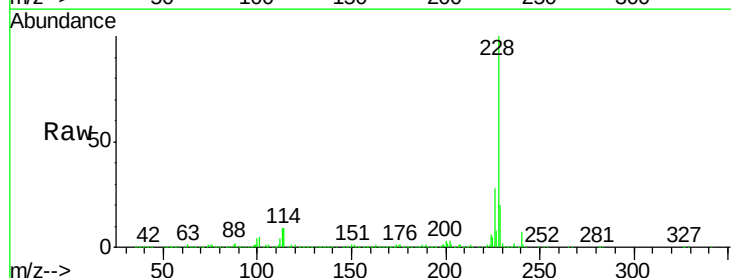
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

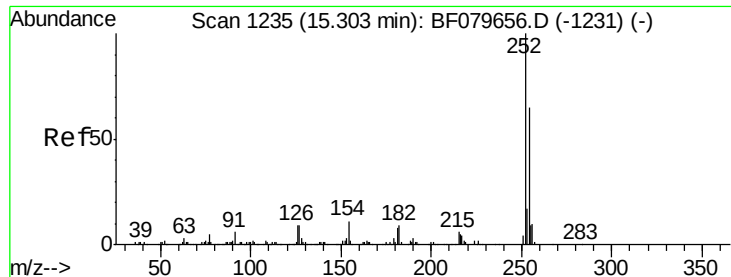
Tot Ion:149 Resp: 356096  
Ion Ratio Lower Upper  
149 100  
91 71.7 64.4 96.6  
206 19.0 13.6 20.4



#80  
Benzo(a)anthracene  
Concen: 42.65 ng  
RT: 15.25 min Scan# 1230  
Delta R.T. -0.11 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion:228 Resp: 822728  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.5 33.7  
229 20.1 16.6 24.8

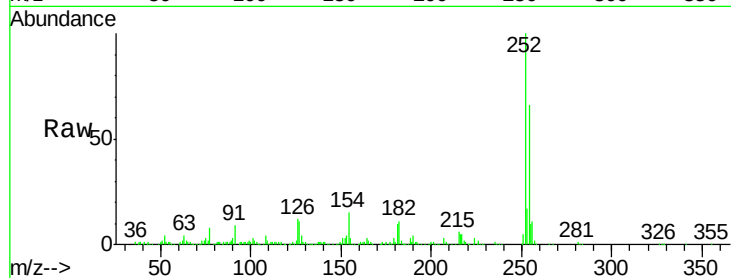




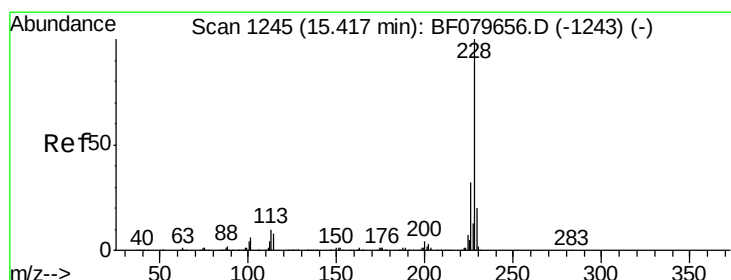
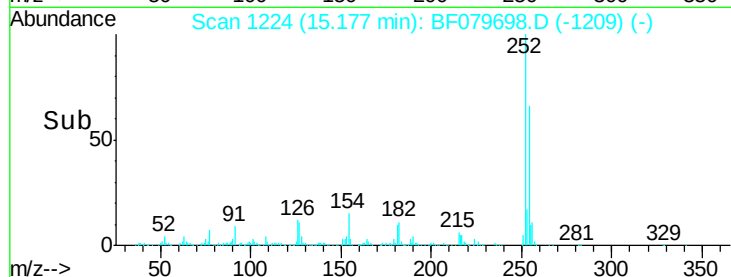
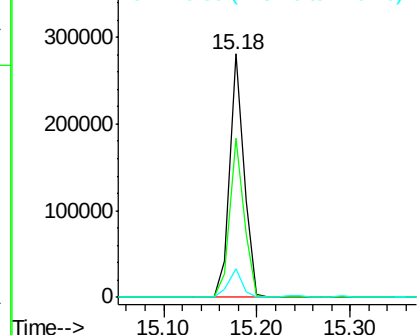
#81  
 3,3'-Dichlorobenzidine  
 Concen: 52.83 ng  
 RT: 15.18 min Scan# 1224  
 Delta R.T. -0.13 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:252 Resp: 304472  
 Ion Ratio Lower Upper  
 252 100  
 254 65.5 51.6 77.4  
 126 11.8 7.3 10.9#

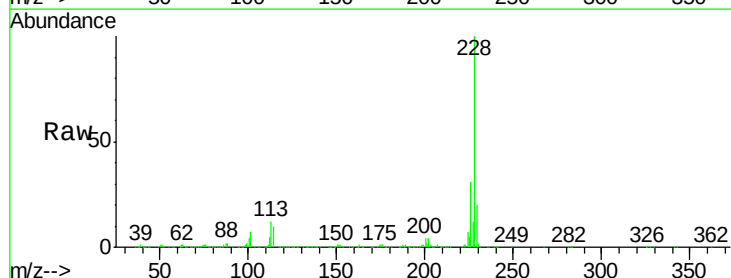


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

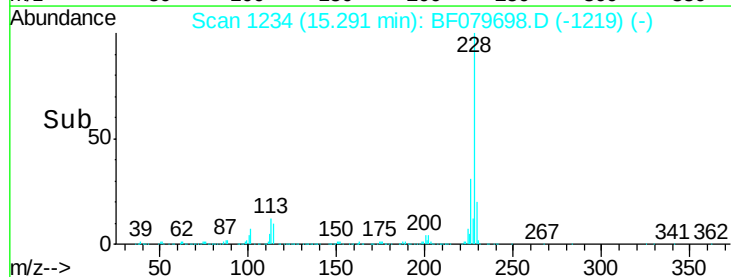
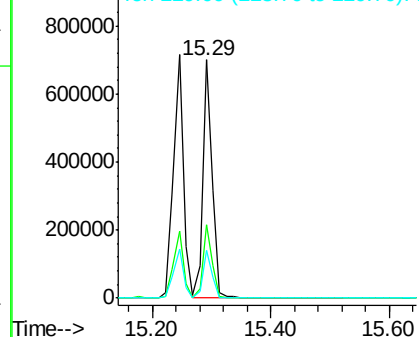


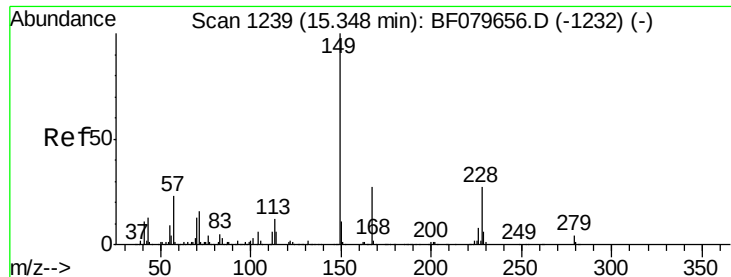
#82  
 Chrysene  
 Concen: 40.70 ng  
 RT: 15.29 min Scan# 1234  
 Delta R.T. -0.13 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:228 Resp: 790004  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 25.2 37.8  
 229 19.8 16.3 24.5



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

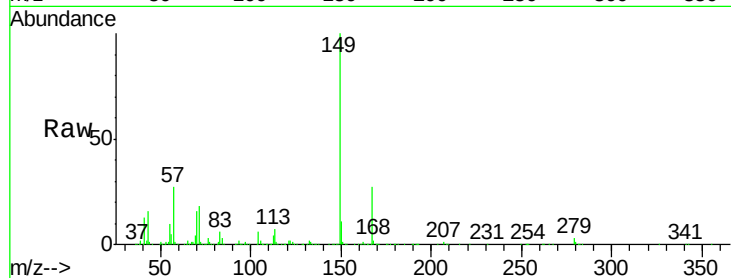




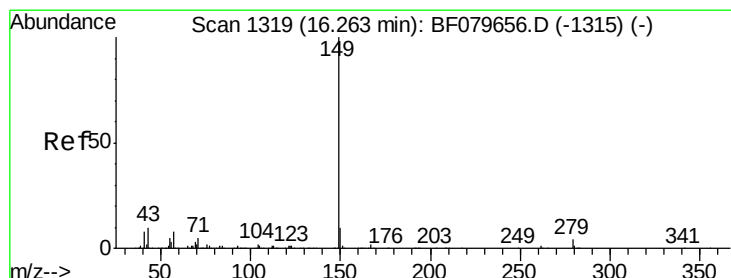
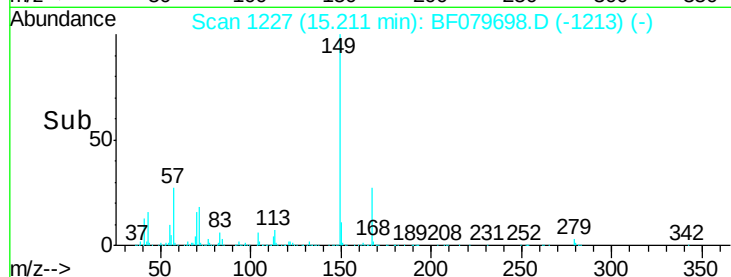
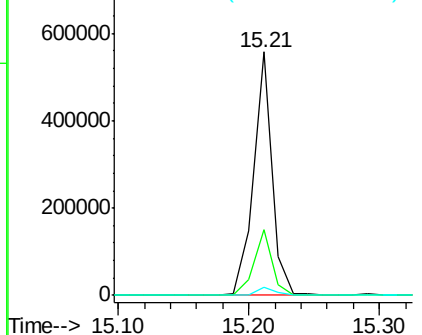
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.57 ng  
 RT: 15.21 min Scan# 1227  
 Delta R.T. -0.14 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:149 Resp: 550333  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 21.6 32.4  
 279 3.2 3.1 4.7

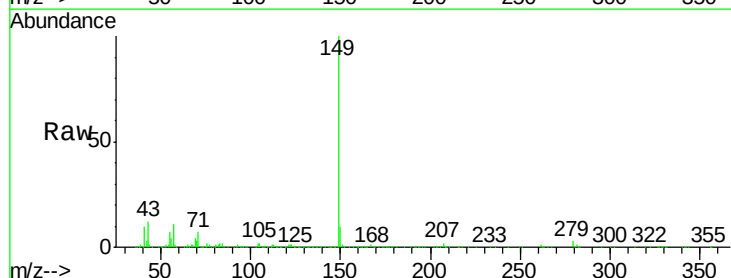


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

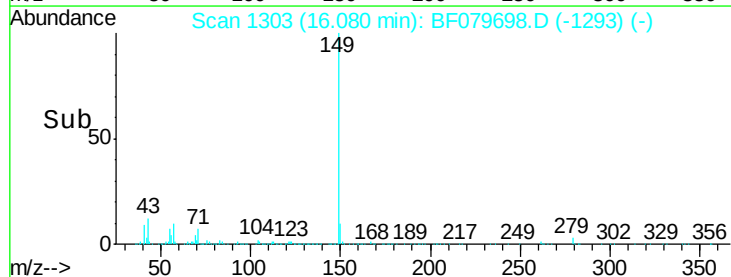
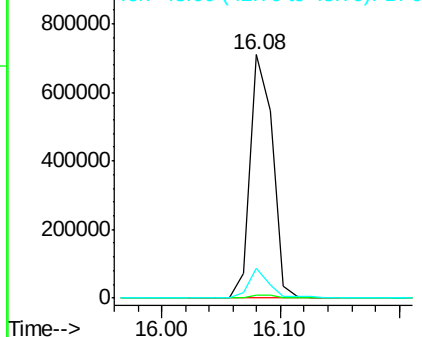


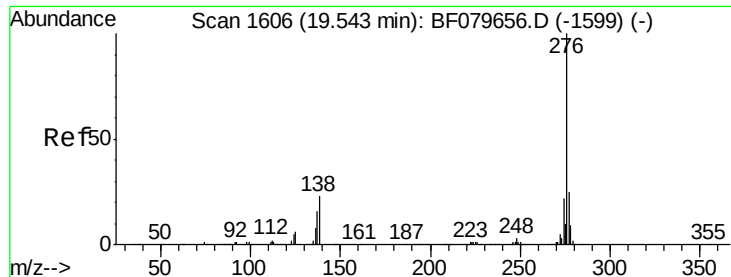
#84  
 Di-n-octyl phthalate  
 Concen: 53.33 ng  
 RT: 16.08 min Scan# 1303  
 Delta R.T. -0.18 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:149 Resp: 937958  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.2 1.8  
 43 10.7 9.4 14.2



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

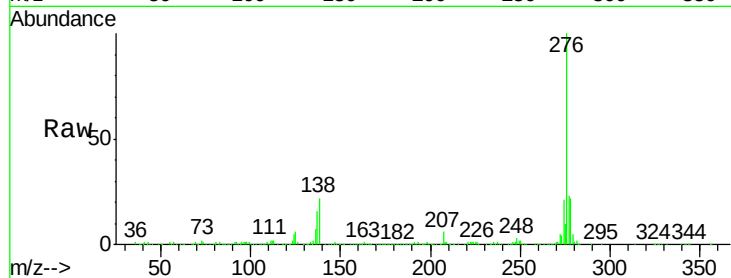




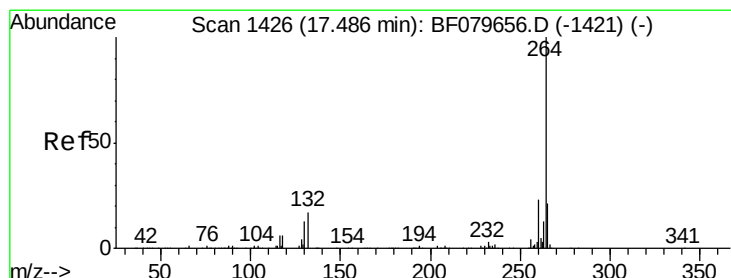
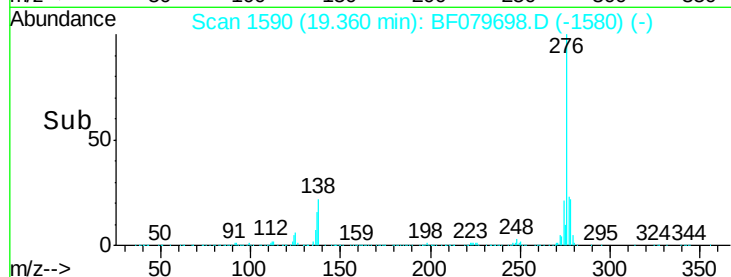
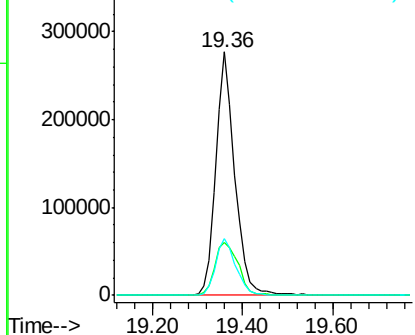
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.84 ng  
 RT: 19.36 min Scan# 1590  
 Delta R.T. -0.18 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:276 Resp: 813116  
 Ion Ratio Lower Upper  
 276 100  
 138 27.0 21.9 32.9  
 277 25.3 20.2 30.4

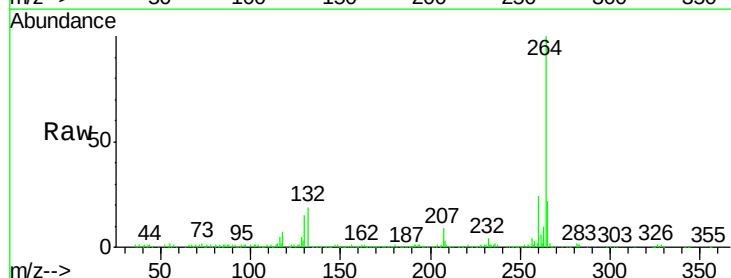


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

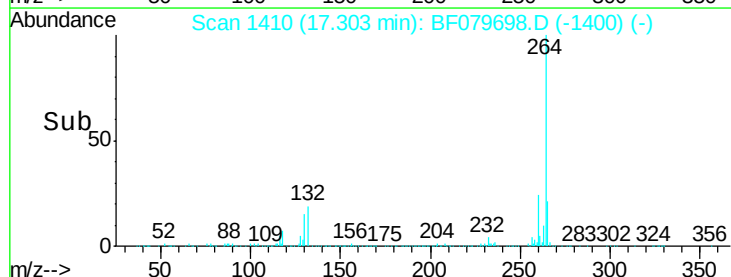
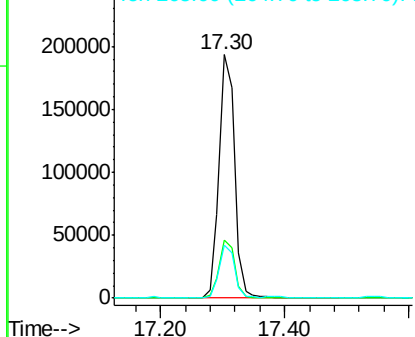


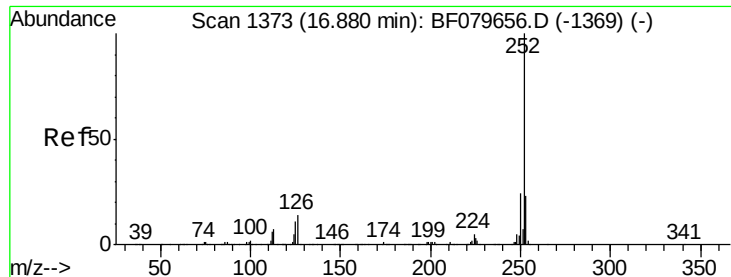
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.30 min Scan# 1410  
 Delta R.T. -0.18 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Tgt Ion:264 Resp: 331864  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.8 28.2  
 265 21.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

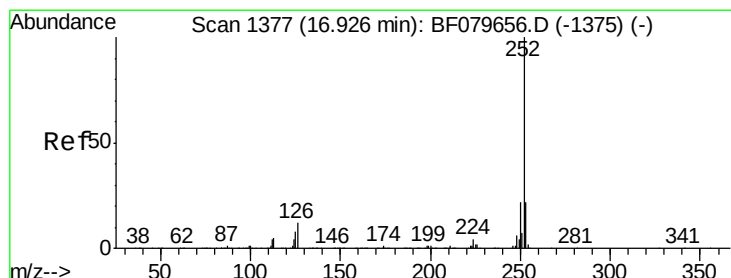
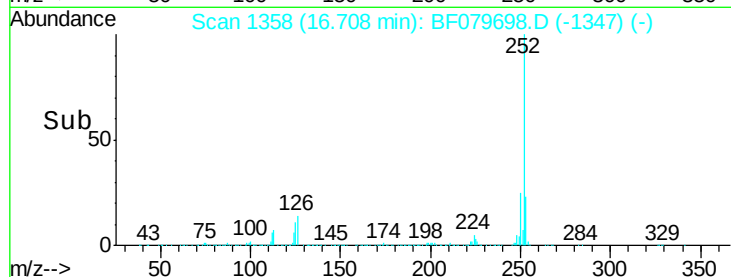
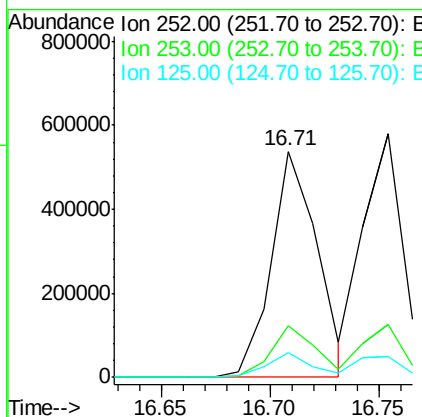
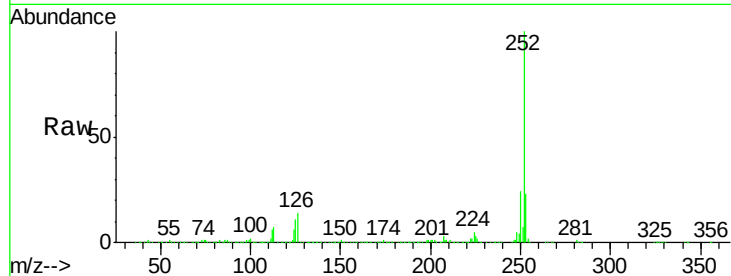




#87  
Benzo(b)fluoranthene  
Concen: 46.52 ng  
RT: 16.71 min Scan# 1358  
Delta R.T. -0.17 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

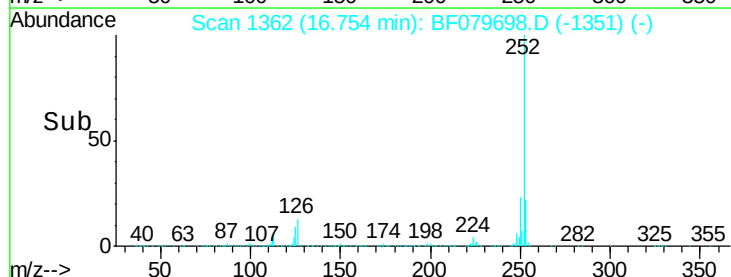
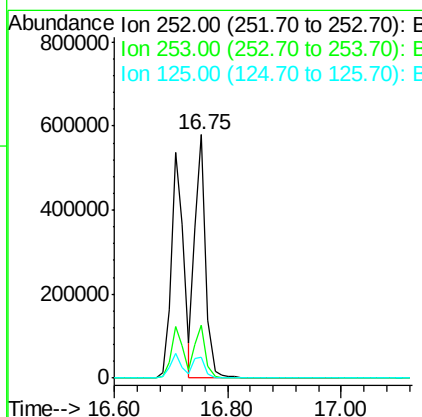
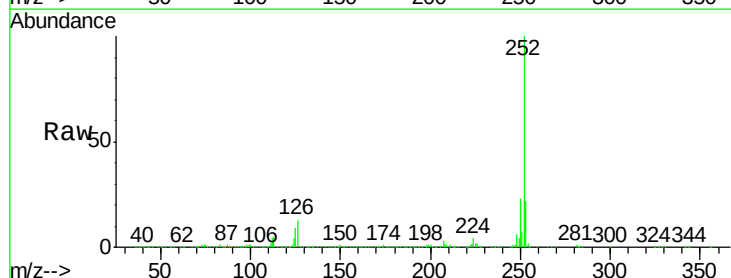
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

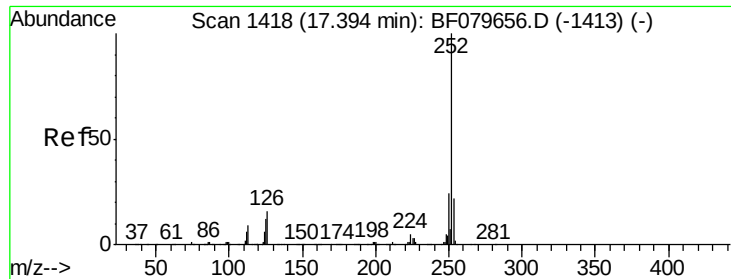
Tot Ion:252 Resp: 797818  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 10.8 8.7 13.1



#88  
Benzo(k)fluoranthene  
Concen: 38.31 ng  
RT: 16.75 min Scan# 1362  
Delta R.T. -0.17 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion:252 Resp: 769742  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 8.8 7.1 10.7

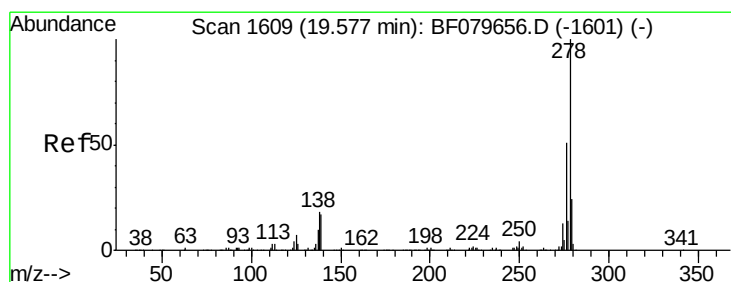
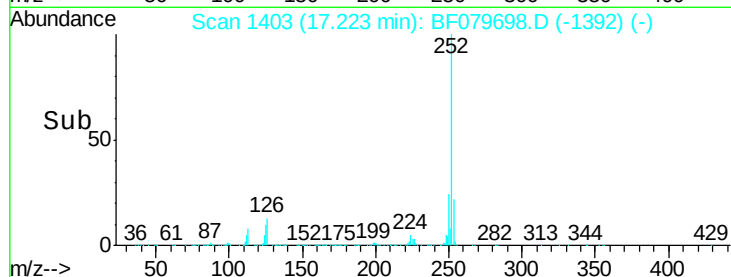
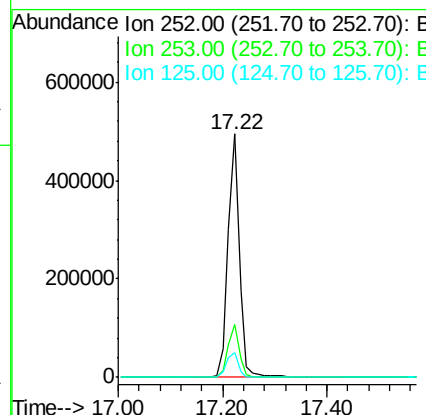
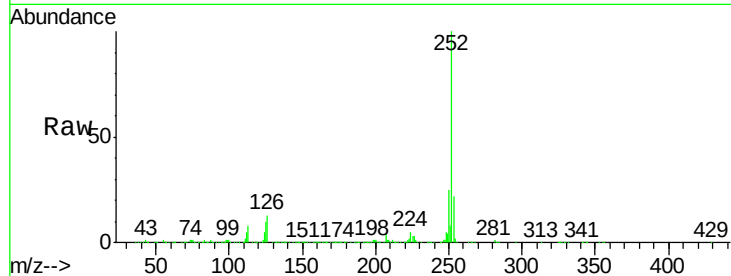




#89  
Benzo(a)pyrene  
Concen: 44.03 ng  
RT: 17.22 min Scan# 1403  
Delta R.T. -0.17 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

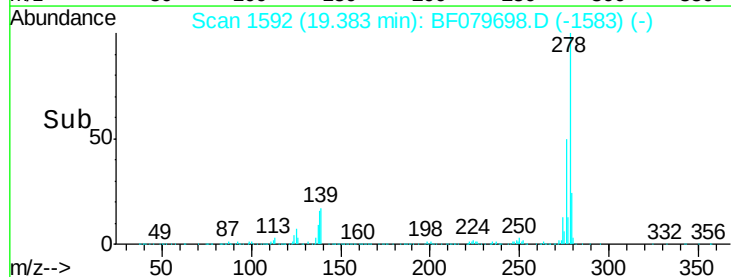
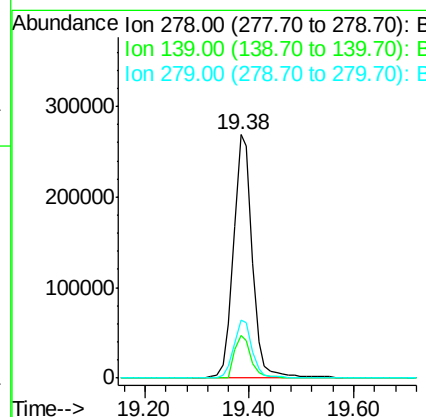
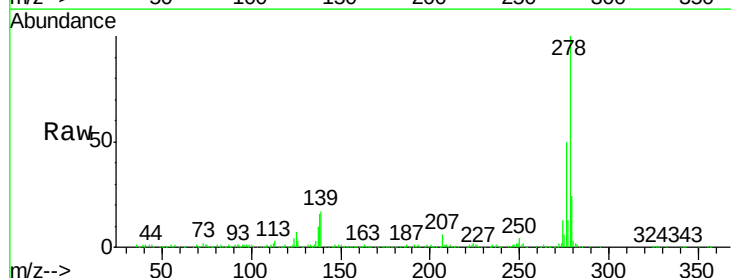
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:252 Resp: 738305  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 10.1 9.4 14.0

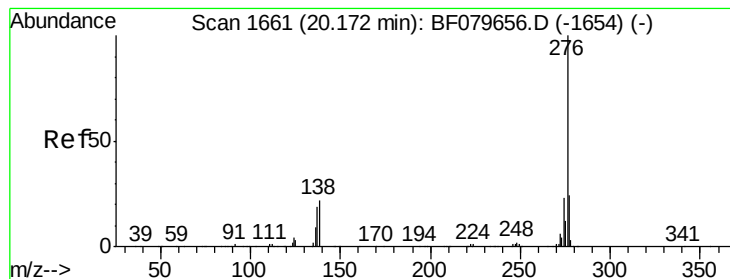


#90  
Dibenzo(a,h)anthracene  
Concen: 43.08 ng  
RT: 19.38 min Scan# 1592  
Delta R.T. -0.19 min  
Lab File: BF079698.D  
Acq: 4 Jun 2015 10:16

Tgt Ion:278 Resp: 676863  
Ion Ratio Lower Upper  
278 100  
139 17.4 13.7 20.5  
279 23.8 19.6 29.4



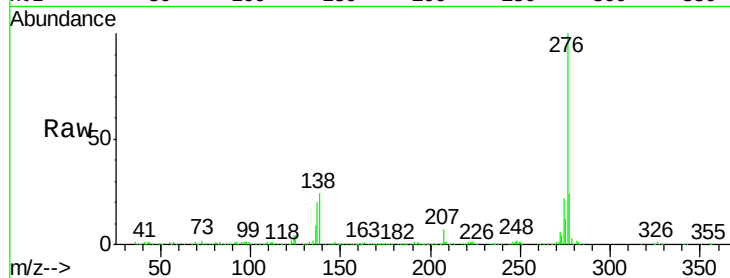




#91  
 Benzo(a,h,i)perylene  
 Concen: 39.49 ng  
 RT: 19.98 min Scan# 1644  
 Delta R.T. -0.19 min  
 Lab File: BF079698.D  
 Acq: 4 Jun 2015 10:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 19.1  | 28.7  |
| 138     | 23.6  | 17.4  | 26.0  |



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

