

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050217\  
 Data File : BF094800.D  
 Acq On : 2 May 2017 18:48  
 Operator : SJ/MA  
 Sample : PB98583BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB98583BL

Quant Time: May 03 02:08:23 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 02 17:18:57 2017  
 Response via : Initial Calibration

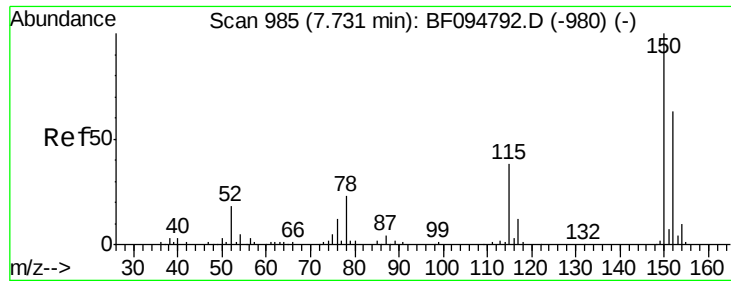
| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 89453    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.75  | 136  | 366230   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.58 | 164  | 172770   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.98 | 188  | 300451   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.64 | 240  | 283651   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 20.31 | 264  | 200089   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.69  | 112  | 773142   | 144.10 | ng    | 0.01     |
| 7) Phenol-d6                | 7.28  | 99   | 909986   | 141.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.63  | 82   | 557413   | 95.98  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 13.88 | 330  | 189399   | 133.86 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 11.52 | 172  | 1099509  | 91.60  | ng    | 0.00     |
| 78) Terphenyl-d14           | 17.31 | 244  | 1005396  | 78.07  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 4) n-Nitrosodimethylamine      | 2.89  | 42   | 108      | 0.042 | ng    | # 1    |
| 6) Aniline                     | 7.40  | 93   | 1103     | 0.136 | ng    | # 1    |
| 8) 2-Chlorophenol              | 7.42  | 128  | 397      | 0.065 | ng    | # 1    |
| 9) Benzaldehyde                | 7.28  | 77   | 1082     | 0.275 | ng    | # 1    |
| 10) Phenol                     | 7.40  | 94   | 1313     | 0.194 | ng    | # 1    |
| 11) bis(2-Chloroethyl)ether    | 7.40  | 93   | 1103     | 0.197 | ng    | # 1    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45   | 724      | 0.091 | ng    | 70     |
| 24) Nitrobenzene               | 8.62  | 77   | 1151     | 0.189 | ng    | # 31   |
| 25) Isophorone                 | 9.17  | 82   | 115      | 0.011 | ng    | # 67   |
| 45) 1,1'-Biphenyl              | 11.52 | 154  | 1750     | 0.120 | ng    | # 1    |
| 51) Acenaphthene               | 11.52 | 154  | 1750     | 0.120 | ng    | # 1    |
| 59) Diethylphthalate           | 13.37 | 149  | 782      | 0.058 | ng    | # 60   |
| 62) Azobenzene                 | 13.87 | 77   | 887      | 0.081 | ng    | # 1    |
| 64) 4,6-Dinitro-2-methylphenol | 13.87 | 198  | 313      | 0.155 | ng    | # 1    |
| 65) n-Nitrosodiphenylamine     | 13.87 | 169  | 7204     | 0.661 | ng    | # 45   |
| 73) Di-n-butylphthalate        | 15.95 | 149  | 8896     | 0.445 | ng    | 98     |
| 77) Pyrene                     | 17.31 | 202  | 3536     | 0.167 | ng    | # 62   |
| 80) Benzo(a)anthracene         | 18.64 | 228  | 557      | 0.034 | ng    | # 50   |
| 82) Chrysene                   | 18.64 | 228  | 557      | 0.035 | ng    | # 49   |
| 83) Bis(2-ethylhexyl)phthalate | 18.71 | 149  | 1364     | 0.097 | ng    | # 96   |
| 84) Di-n-octyl phthalate       | 19.59 | 149  | 118      | 0.005 | ng    | # 1    |
| 89) Benzo(a)pyrene             | 20.31 | 252  | 473      | 0.041 | ng    | # 31   |

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



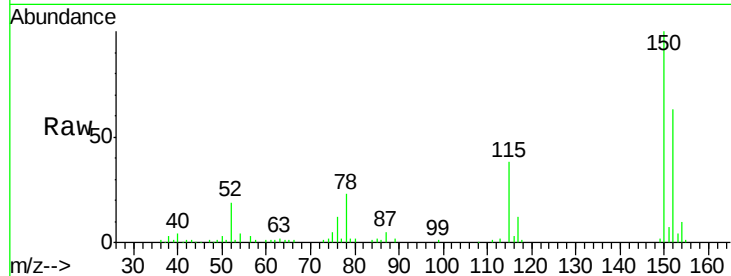


#1

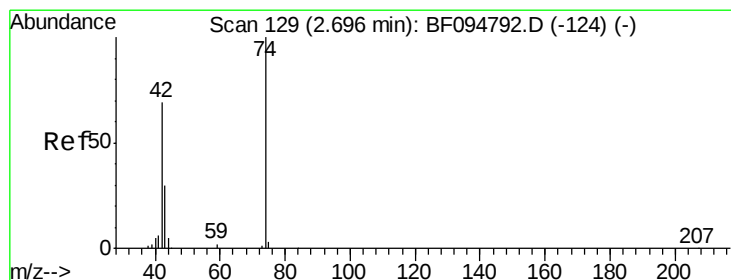
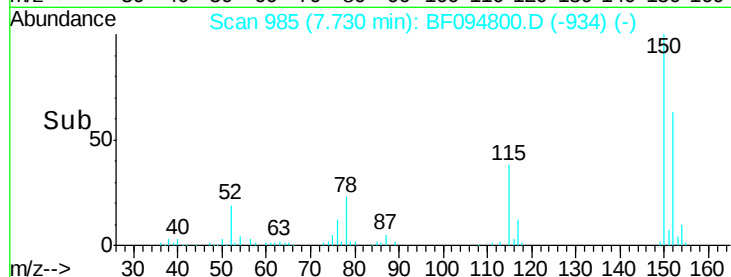
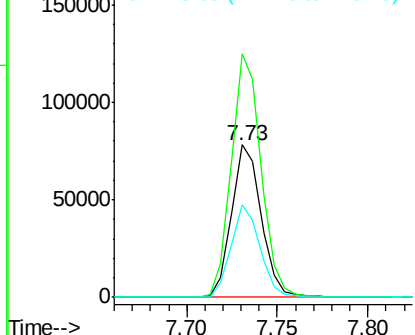
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.73 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB98583BL

Tgt Ion:152 Resp: 89453  
Ion Ratio Lower Upper  
152 100  
150 159.6 126.2 189.2  
115 61.0 52.2 78.2



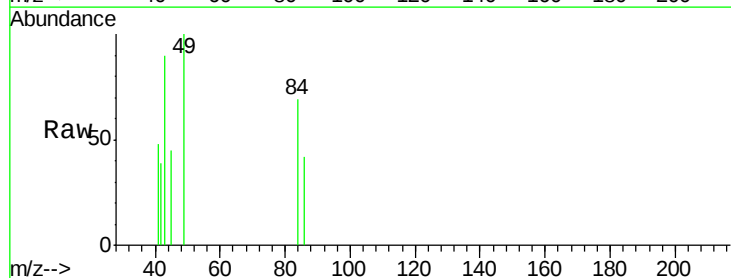
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



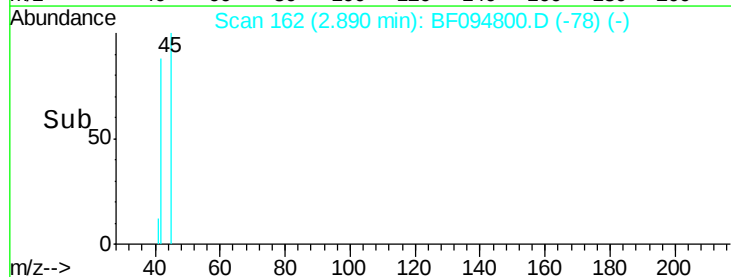
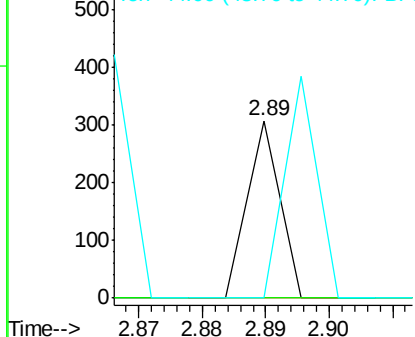
#4

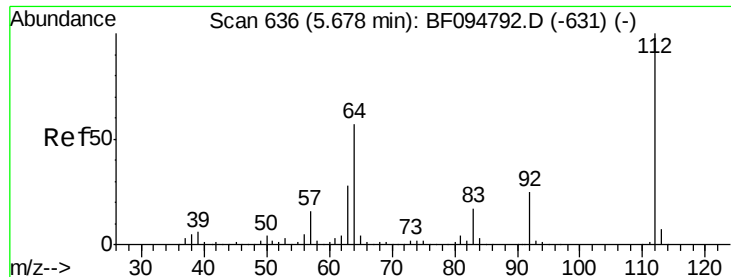
n-Nitrosodimethylamine  
Concen: 0.042 ng  
RT: 2.89 min Scan# 162  
Delta R.T. 0.19 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Tgt Ion: 42 Resp: 108  
Ion Ratio Lower Upper  
42 100  
74 0.0 103.9 155.9#  
44 0.0 5.7 8.5#



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: 144.097 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

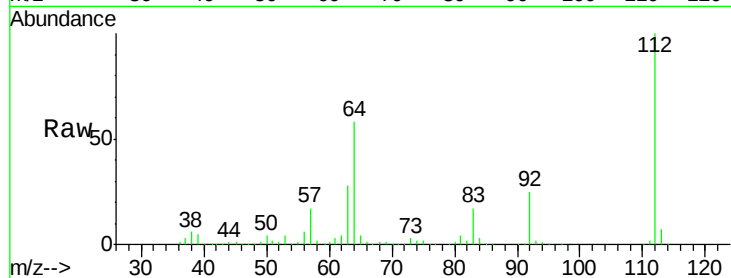
Tgt Ion: 112 Resp: 773142

Ion Ratio Lower Upper

112 100

64 57.7 46.0 69.0

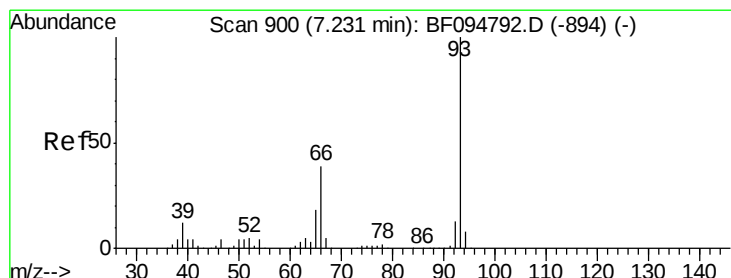
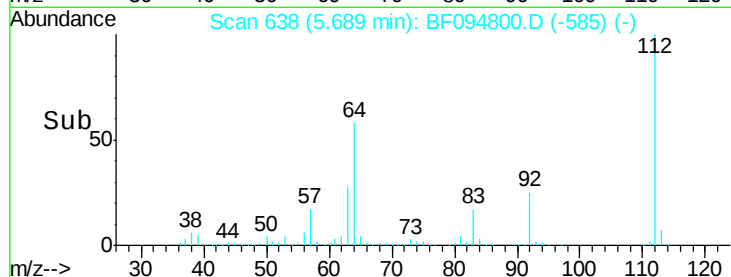
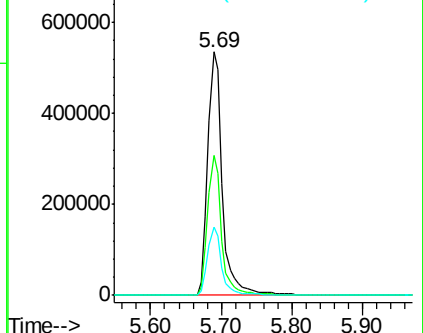
63 27.9 23.4 35.0



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: 0.136 ng

RT: 7.40 min Scan# 928

Delta R.T. 0.16 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

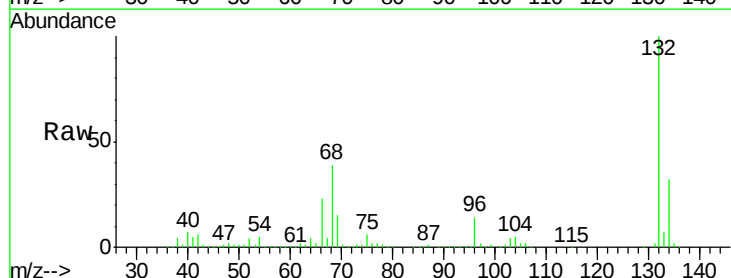
Tgt Ion: 93 Resp: 1103

Ion Ratio Lower Upper

93 100

66 14816.9 32.9 49.3#

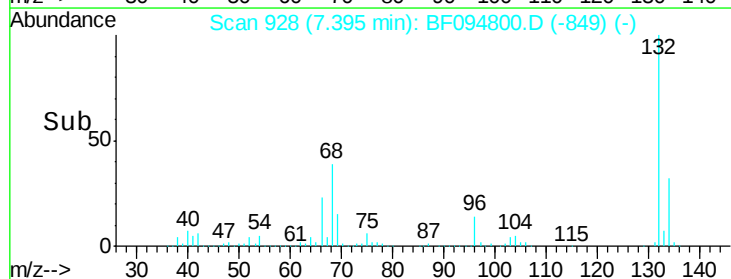
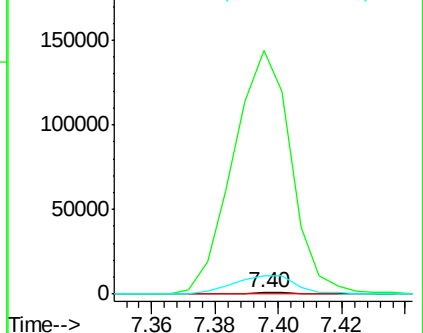
65 1129.2 16.0 24.0#

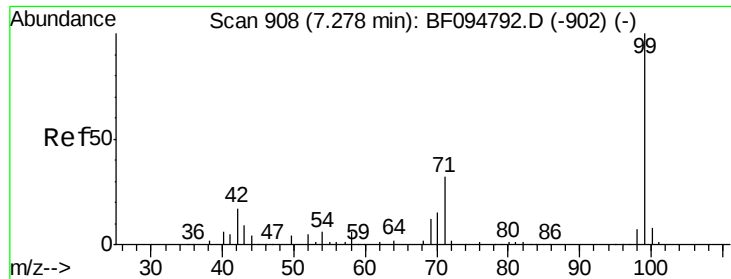


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.353 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

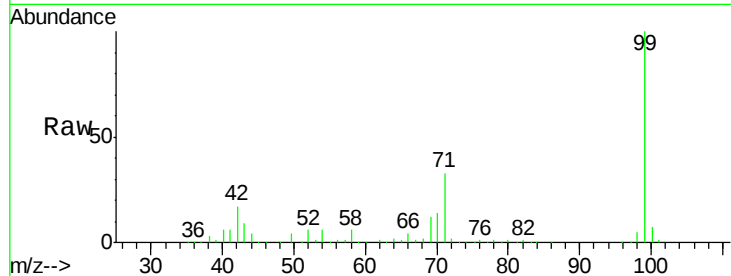
Tgt Ion: 99 Resp: 909986

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

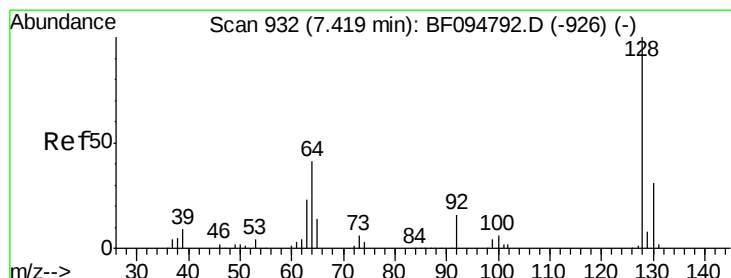
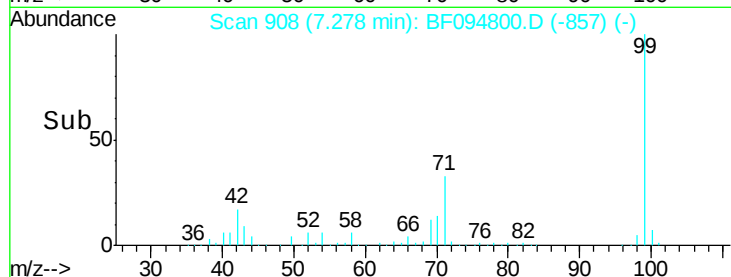
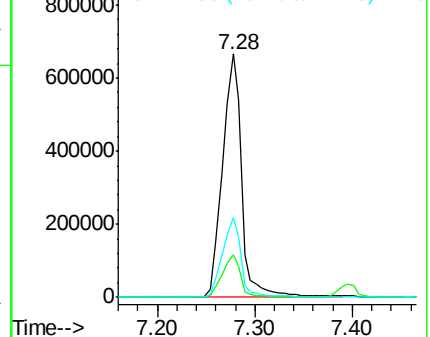
71 32.8 24.5 36.7



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: 0.065 ng

RT: 7.42 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

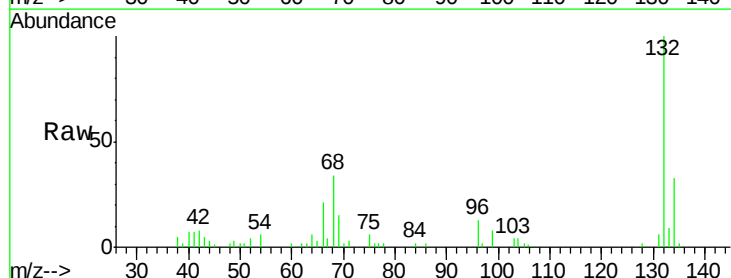
Tgt Ion: 128 Resp: 397

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

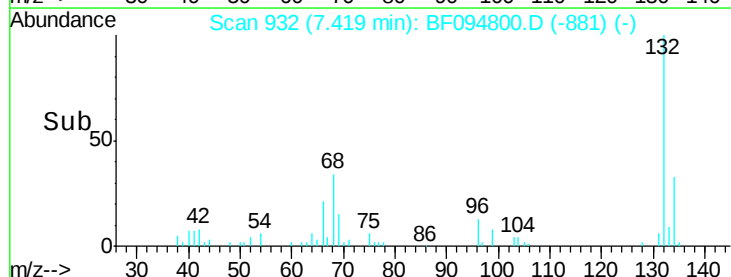
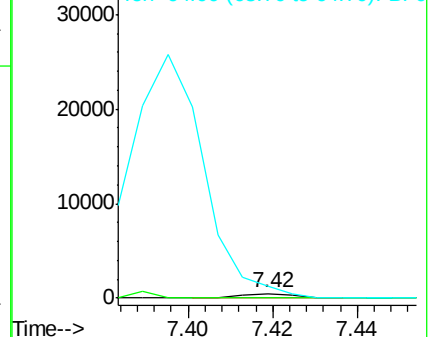
64 248.1 28.4 68.4#

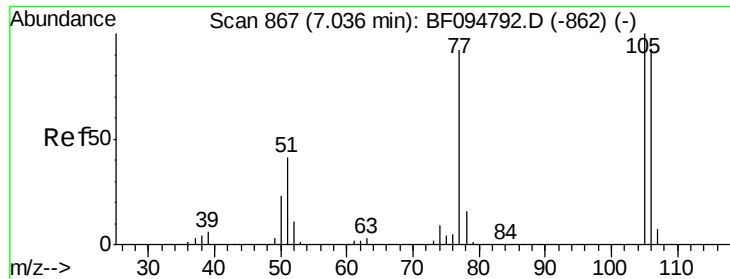


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.275 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.24 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

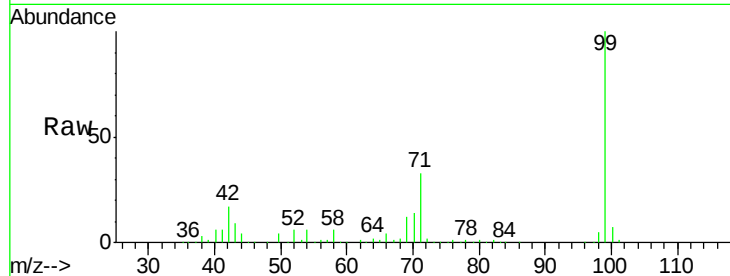
Tgt Ion: 77 Resp: 1082

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

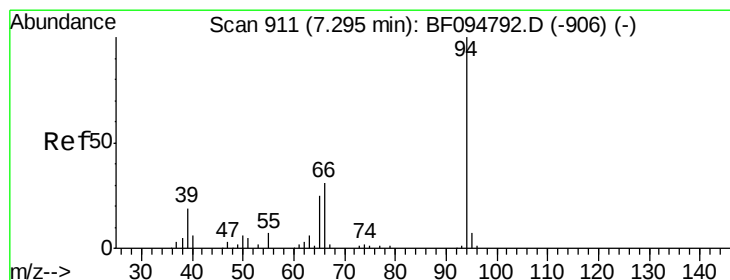
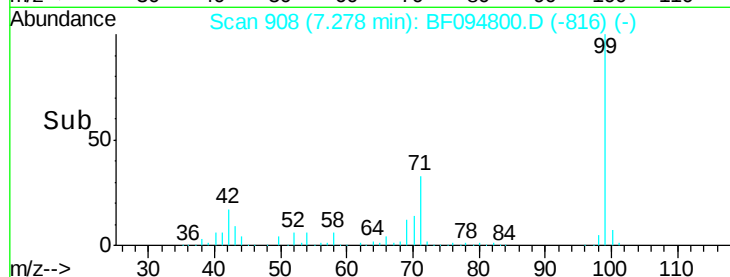
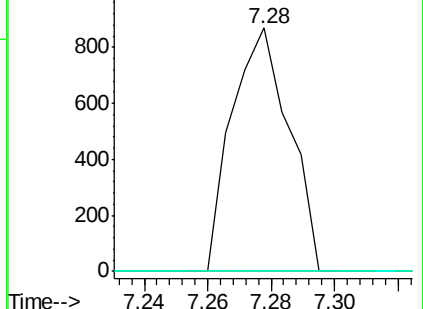
106 0.0 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.194 ng

RT: 7.40 min Scan# 929

Delta R.T. 0.11 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

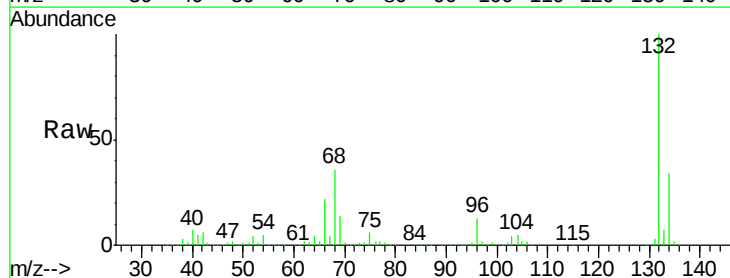
Tgt Ion: 94 Resp: 1313

Ion Ratio Lower Upper

94 100

65 895.6 9.9 49.9#

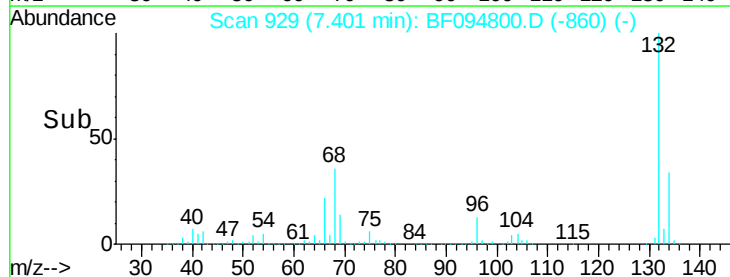
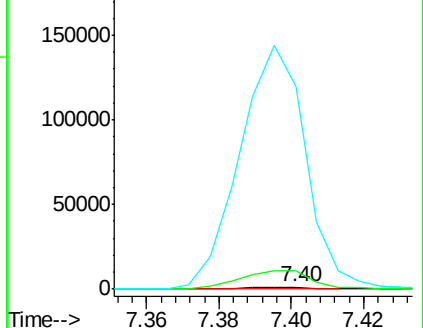
66 9678.7 23.1 63.1#

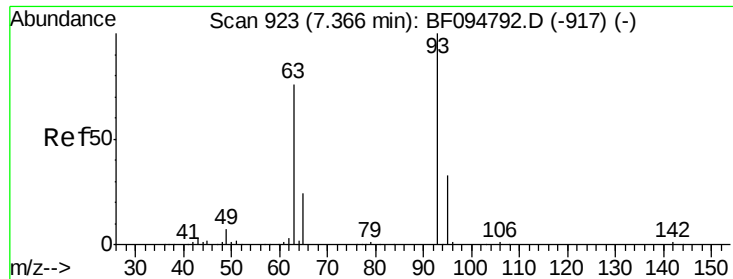


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

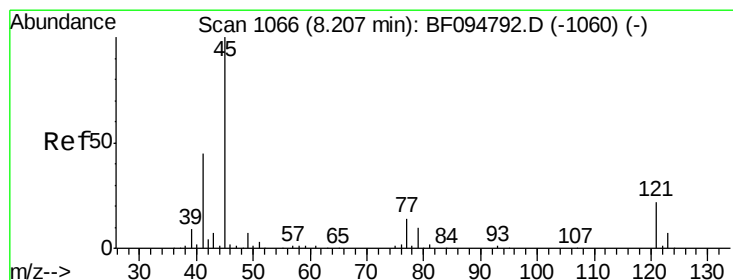
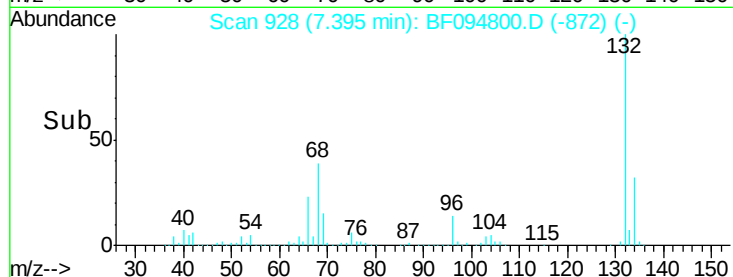
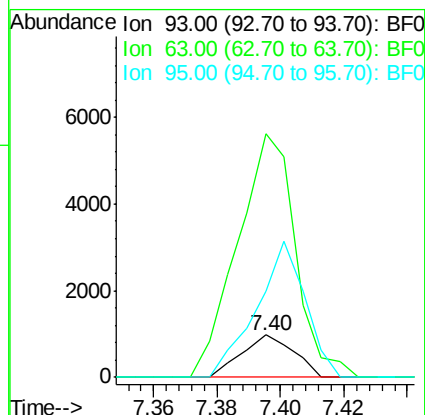
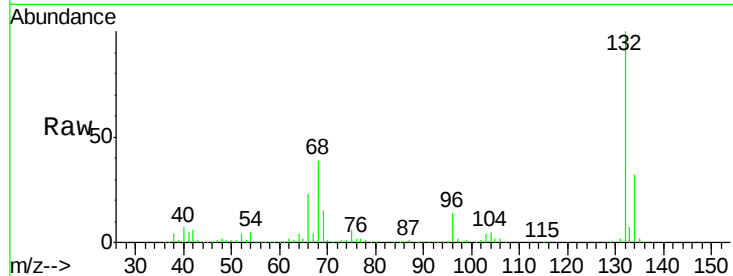




#11  
bis(2-Chloroethyl)ether  
Concen: 0.197 ng  
RT: 7.40 min Scan# 928  
Delta R.T. 0.03 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

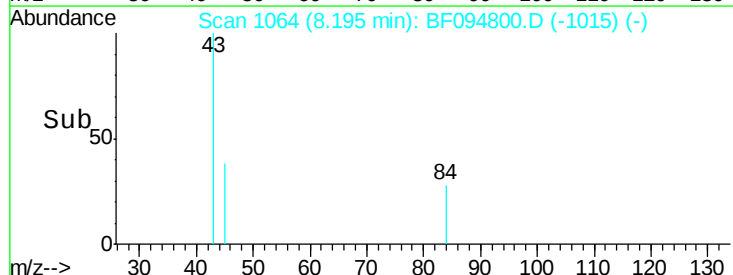
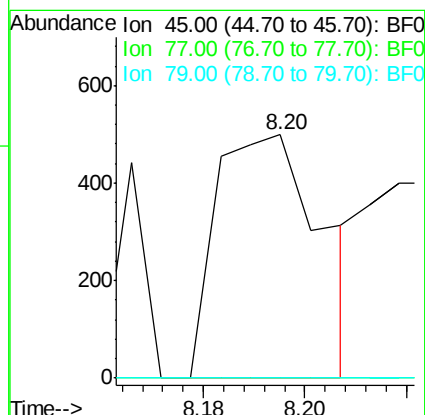
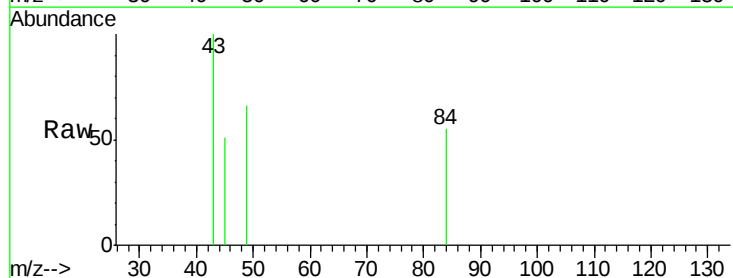
Instrument :  
BNA\_F  
ClientSampleId :  
PB98583BL

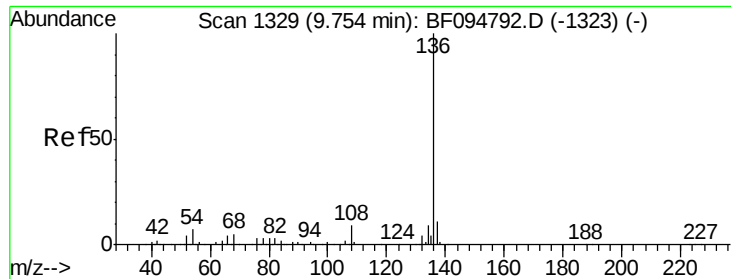
Tgt Ion: 93 Resp: 1103  
Ion Ratio Lower Upper  
93 100  
63 578.8 59.2 99.2#  
95 204.0 12.8 52.8#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.091 ng  
RT: 8.20 min Scan# 1064  
Delta R.T. -0.01 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Tgt Ion: 45 Resp: 724  
Ion Ratio Lower Upper  
45 100  
77 0.0 0.0 33.2  
79 0.0 0.0 30.0

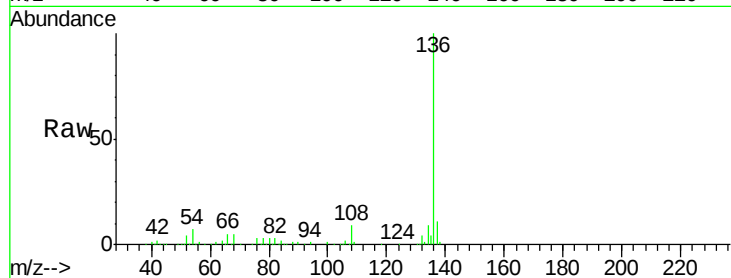




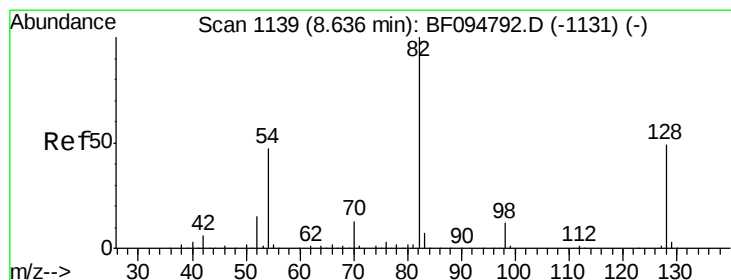
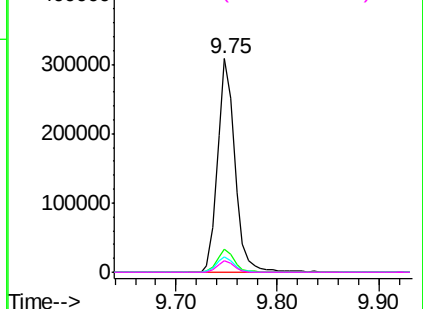
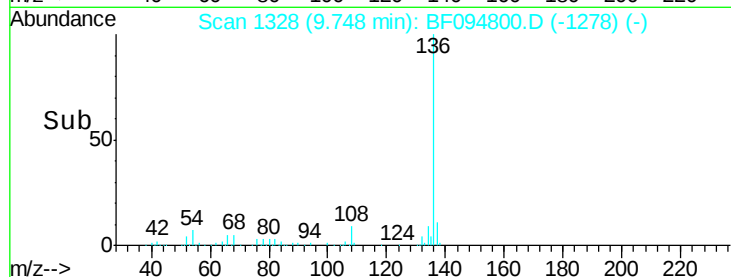
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 9.75 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB98583BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 366230 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.5   | 12.7   |
| 54       | 7.0   | 4.9   | 7.3    |
| 68       | 5.5   | 4.1   | 6.1    |

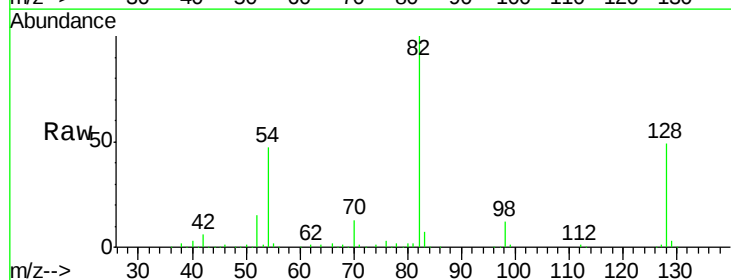


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

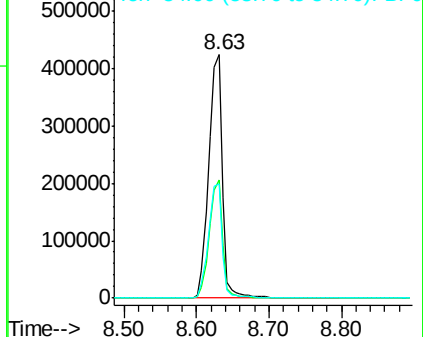
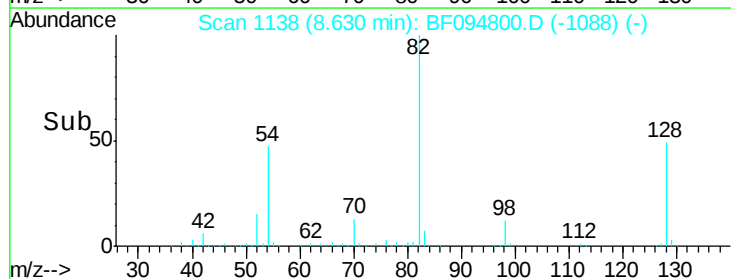


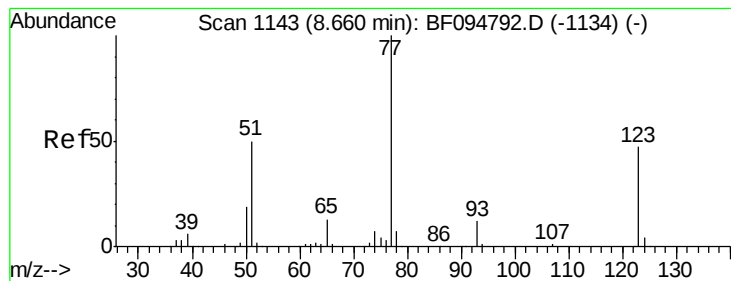
#23  
Nitrobenzene-d5  
Concen: 95.977 ng  
RT: 8.63 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 557413 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 48.6  | 34.0  | 51.0   |
| 54       | 47.0  | 42.2  | 63.2   |



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





#24

Nitrobenzene

Concen: 0.189 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.04 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

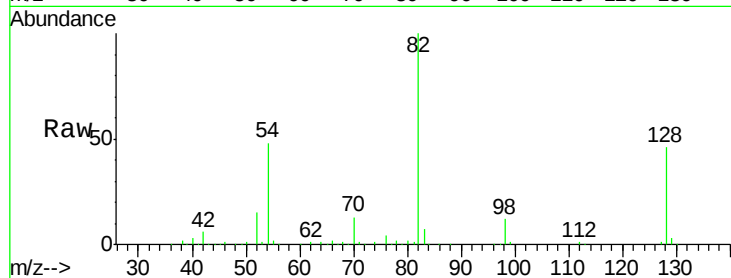
Tgt Ion: 77 Resp: 1151

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

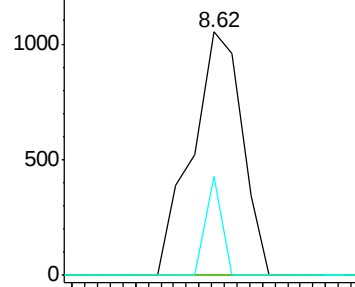
65 40.8 10.6 15.8#



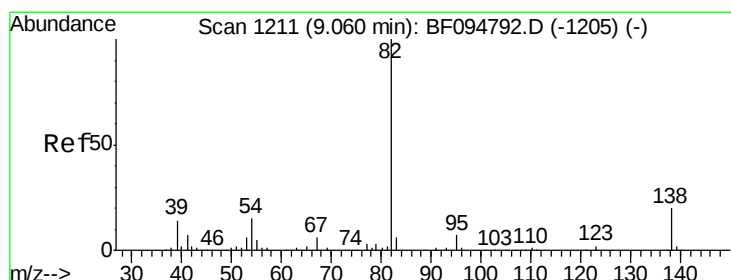
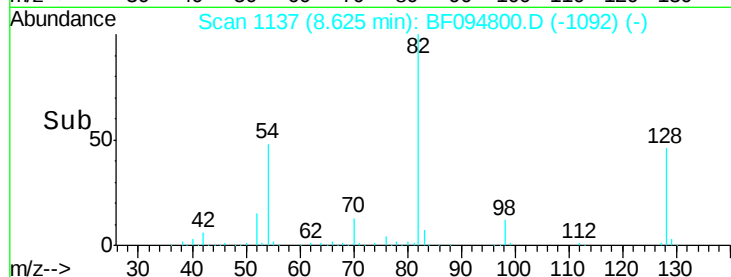
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time--> 8.58 8.60 8.62 8.64 8.66



#25

Isophorone

Concen: 0.011 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.11 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

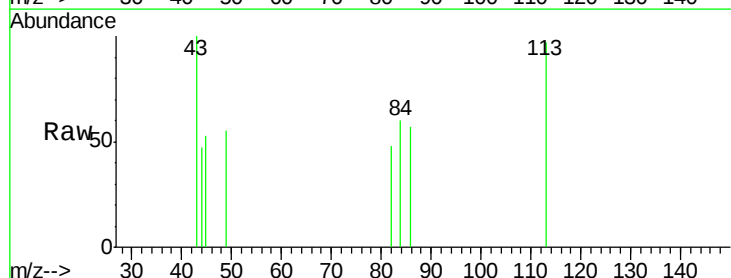
Tgt Ion: 82 Resp: 115

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

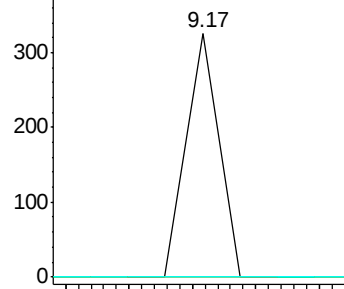
138 0.0 13.1 19.7#



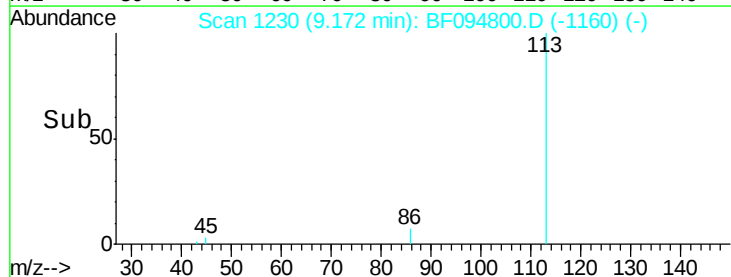
Abundance Ion 82.00 (81.70 to 82.70): BF0

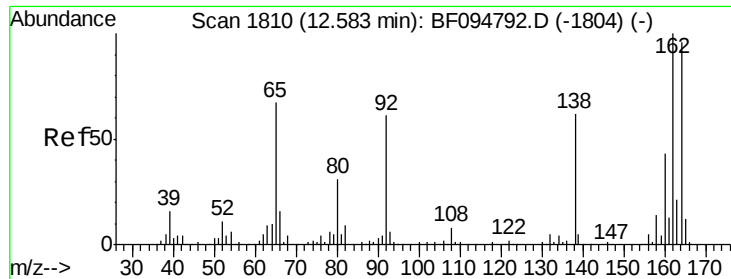
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



Time--> 9.15 9.16 9.17 9.18 9.19





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

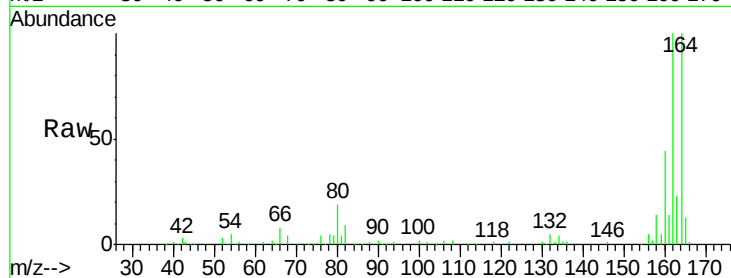
Tgt Ion:164 Resp: 172770

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

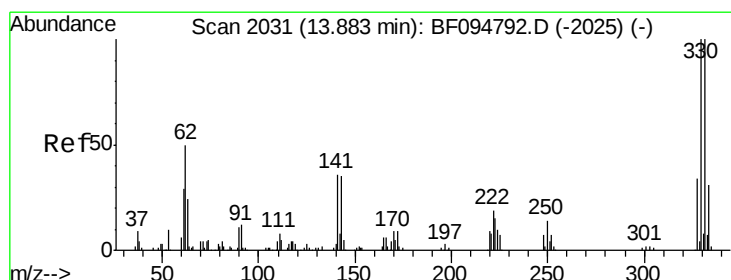
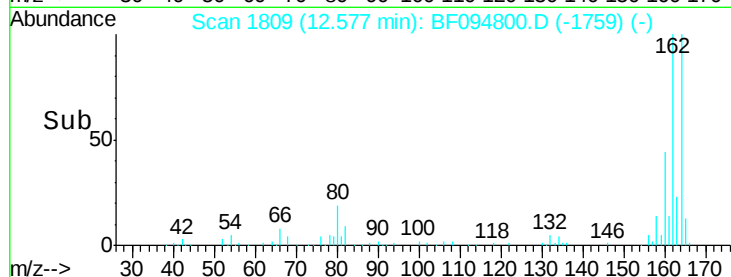
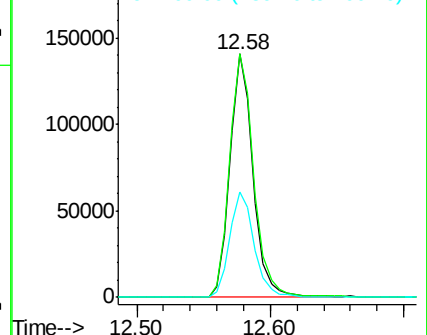
160 43.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.857 ng

RT: 13.88 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

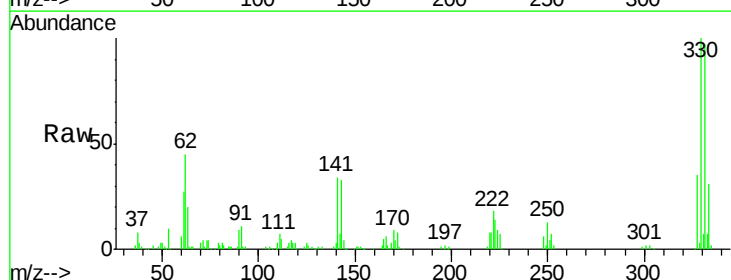
Tgt Ion:330 Resp: 189399

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

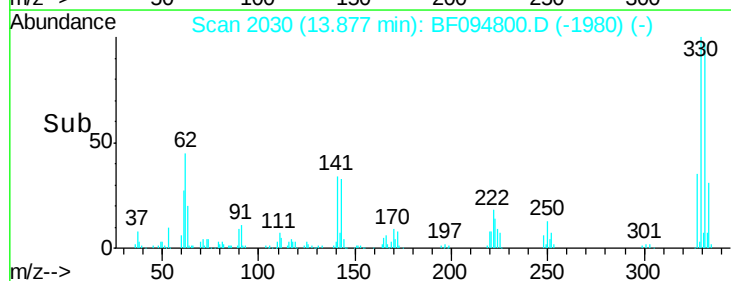
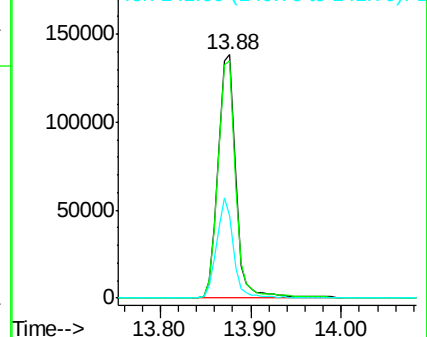
141 38.9 31.4 47.2

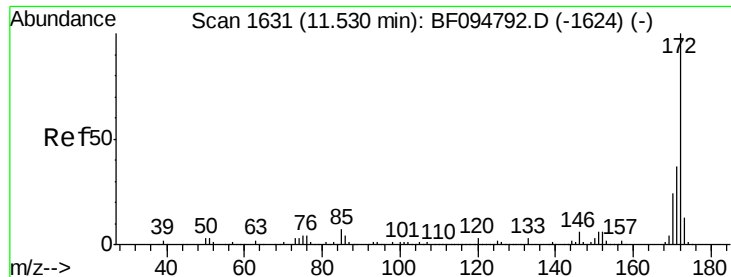


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

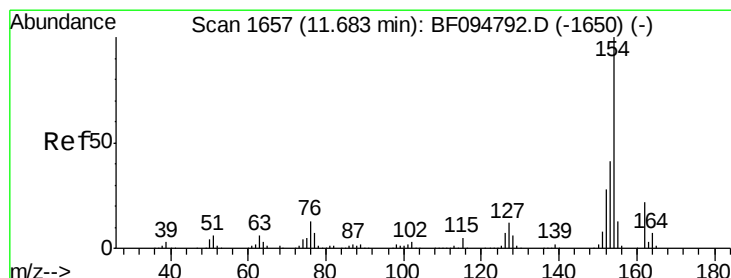
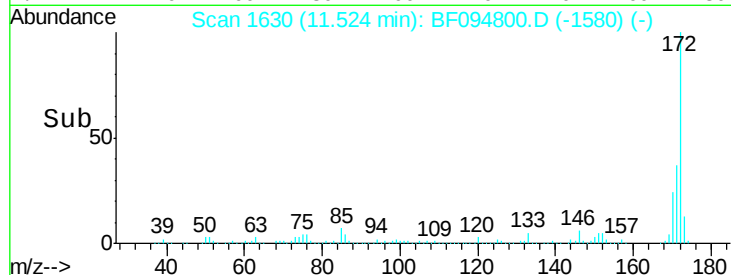
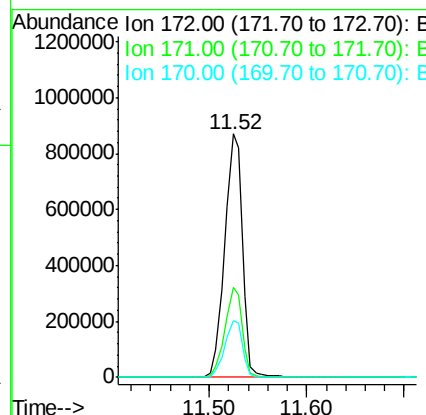
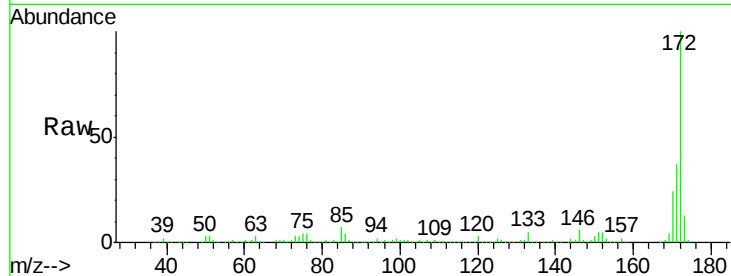




#44  
 2-Fluorobiphenyl  
 Concen: 91.600 ng  
 RT: 11.52 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BF094800.D  
 Acq: 2 May 2017 18:48

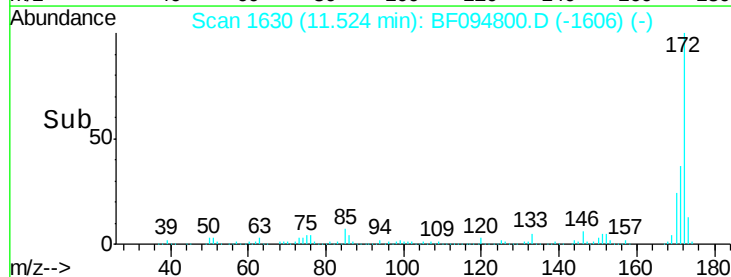
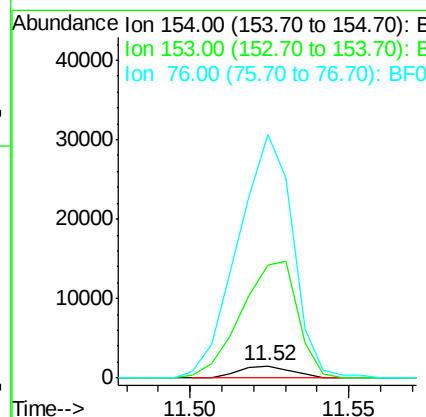
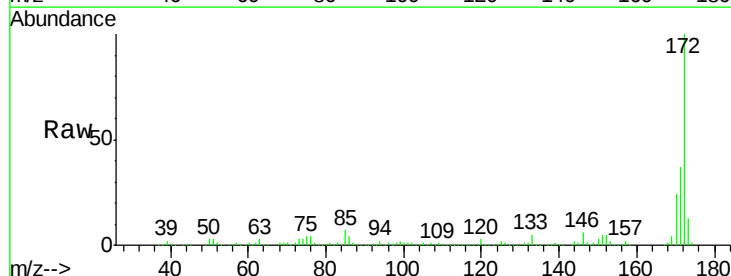
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB98583BL

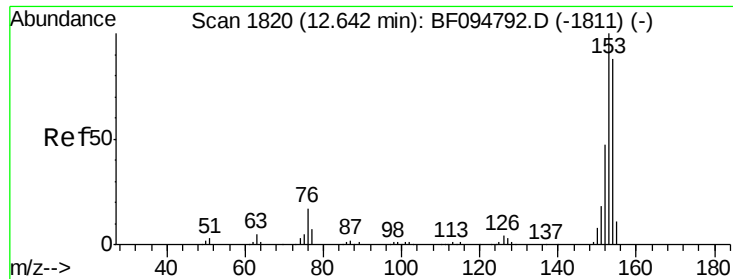
Tgt Ion:172 Resp: 1099509  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.6 44.4  
 170 23.6 19.8 29.8



#45  
 1,1'-Biphenyl  
 Concen: 0.120 ng  
 RT: 11.52 min Scan# 1630  
 Delta R.T. -0.16 min  
 Lab File: BF094800.D  
 Acq: 2 May 2017 18:48

Tgt Ion:154 Resp: 1750  
 Ion Ratio Lower Upper  
 154 100  
 153 913.7 21.2 61.2#  
 76 1957.3 0.0 29.9#





#51

Acenaphthene

Concen: 0.120 ng

RT: 11.52 min Scan# 1630

Delta R.T. -0.16 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

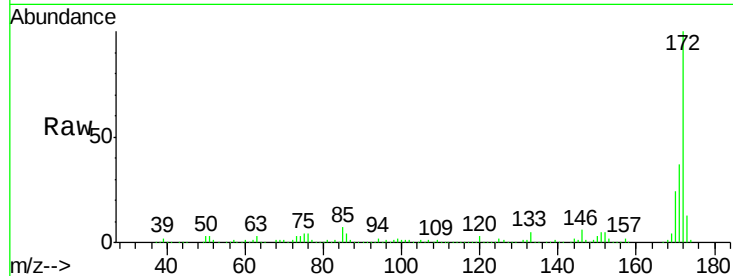
Tgt Ion:154 Resp: 1750

Ion Ratio Lower Upper

154 100

153 913.7 90.5 135.7#

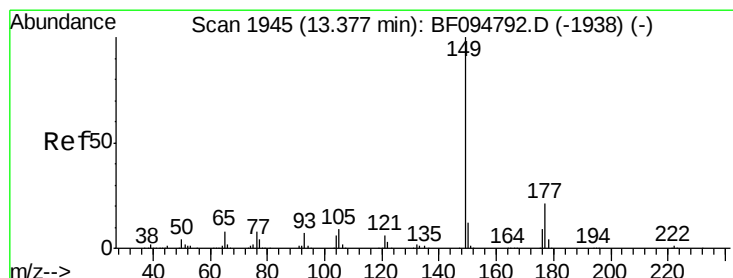
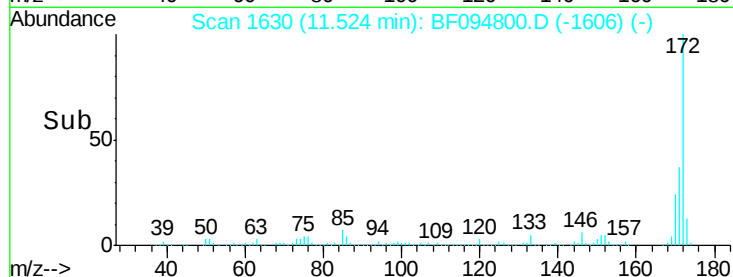
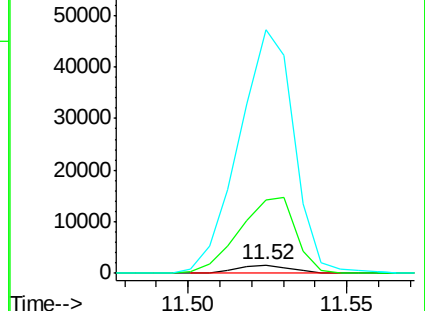
152 3015.5 43.6 65.4#



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



#59

Diethylphthalate

Concen: 0.058 ng

RT: 13.37 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

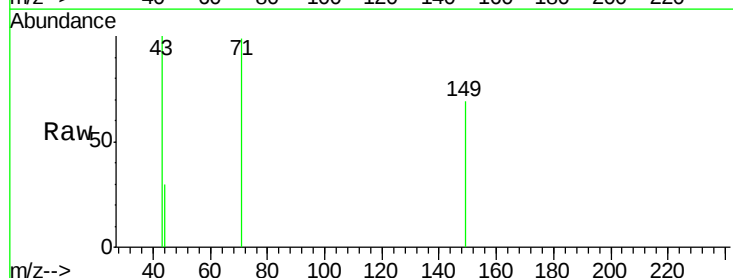
Tgt Ion:149 Resp: 782

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

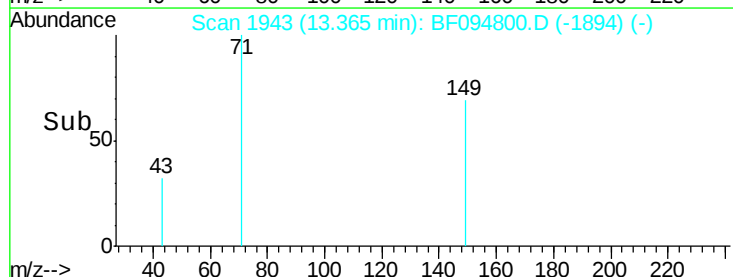
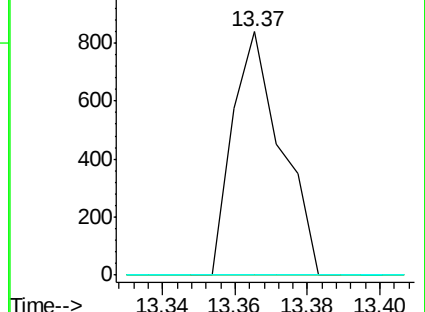
150 0.0 10.2 15.2#

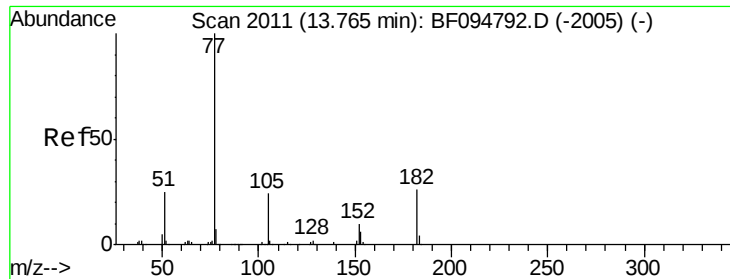


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.081 ng

RT: 13.87 min Scan# 2029

Delta R.T. 0.11 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

Tgt Ion: 77 Resp: 887

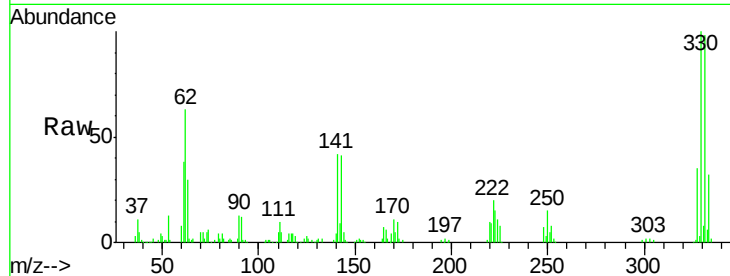
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 96.9 3.6 43.6#

51 89.7 9.4 49.4#

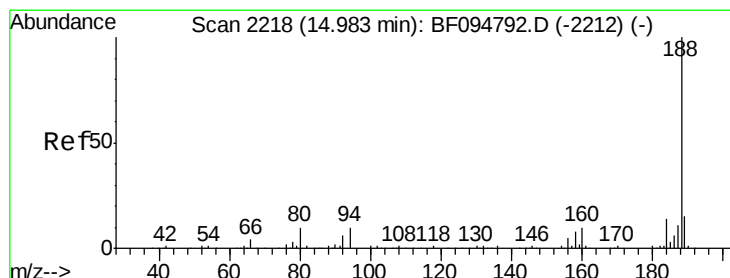
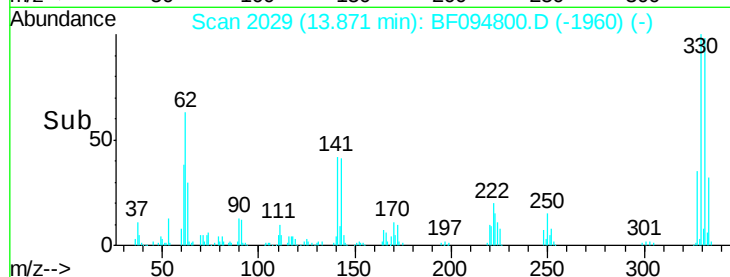
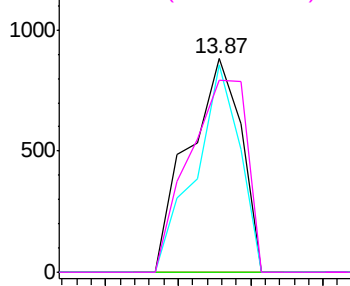


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

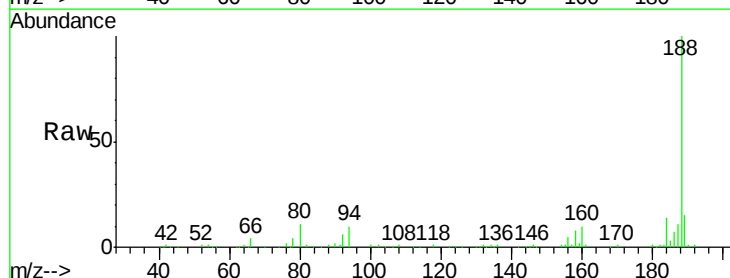
Tgt Ion: 188 Resp: 300451

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

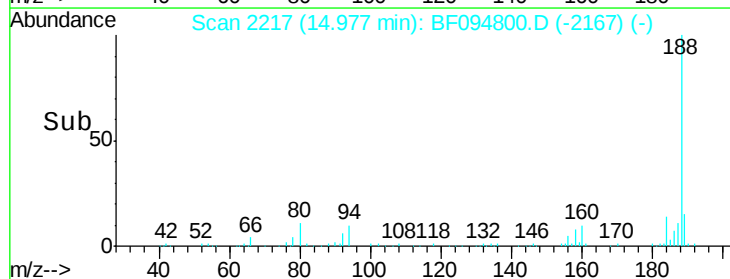
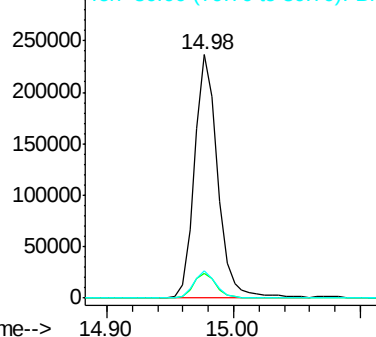
80 11.2 10.2 15.2

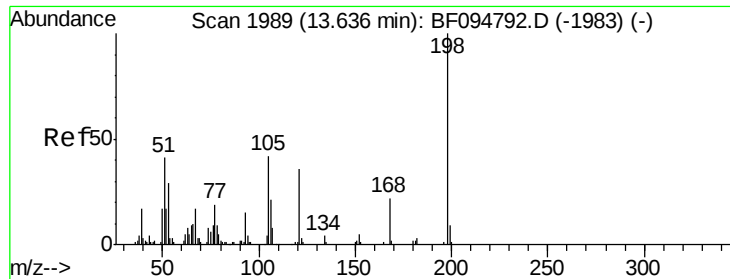


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

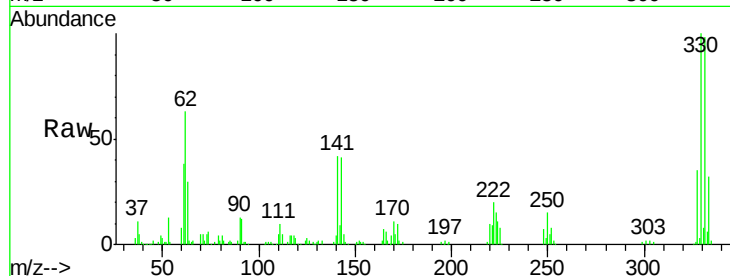




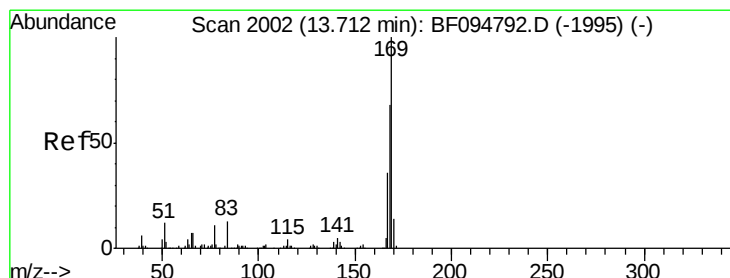
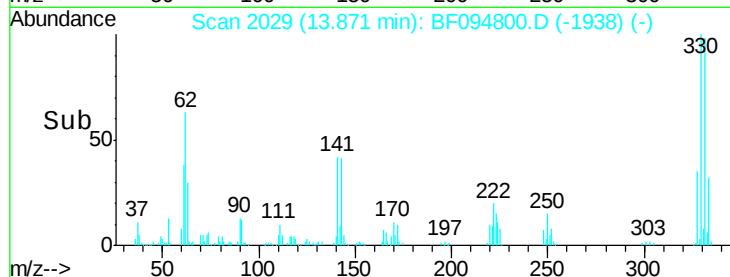
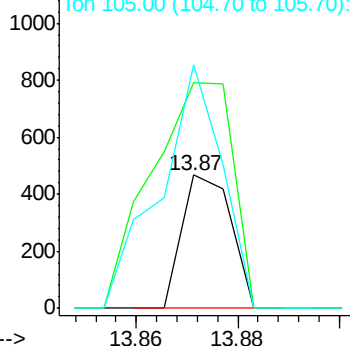
#64  
4,6-Dinitro-2-methylphenol  
Concen: 0.155 ng  
RT: 13.87 min Scan# 2029  
Delta R.T. 0.24 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB98583BL

Tgt Ion:198 Resp: 313  
Ion Ratio Lower Upper  
198 100  
51 168.8 53.2 93.2#  
105 182.5 45.8 85.8#

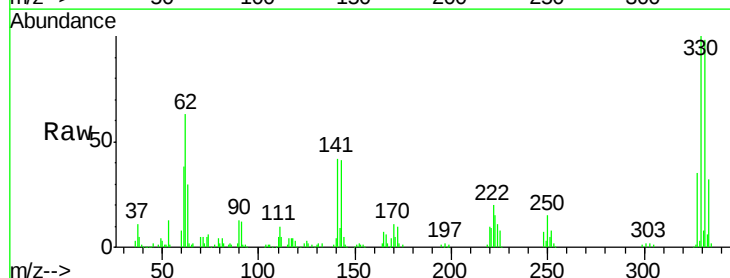


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

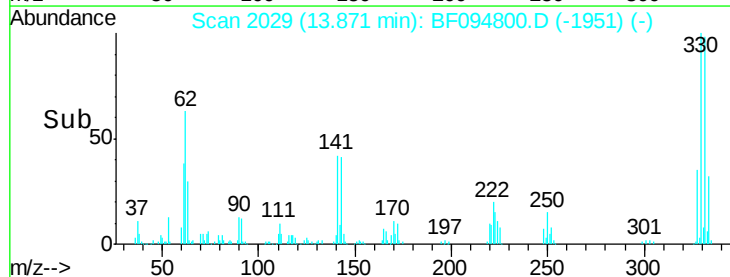
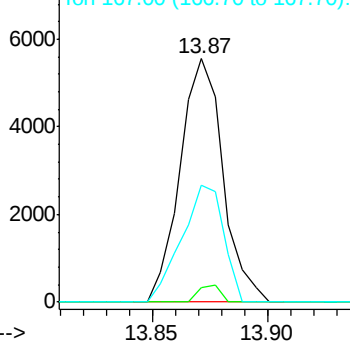


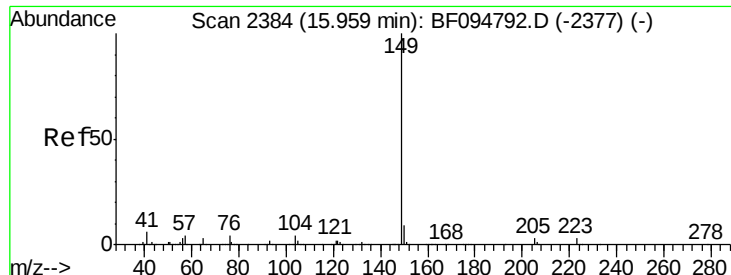
#65  
n-Nitrosodiphenylamine  
Concen: 0.661 ng  
RT: 13.87 min Scan# 2029  
Delta R.T. 0.16 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Tgt Ion:169 Resp: 7204  
Ion Ratio Lower Upper  
169 100  
168 6.2 53.2 79.8#  
167 48.2 29.5 44.3#



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

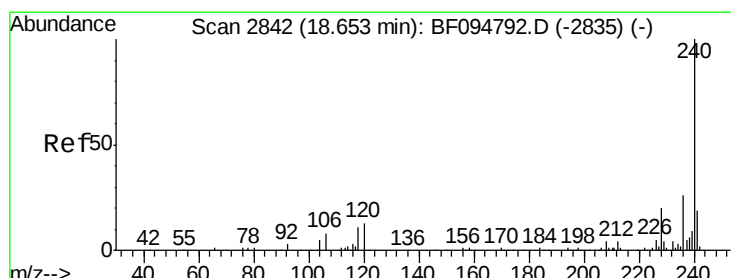
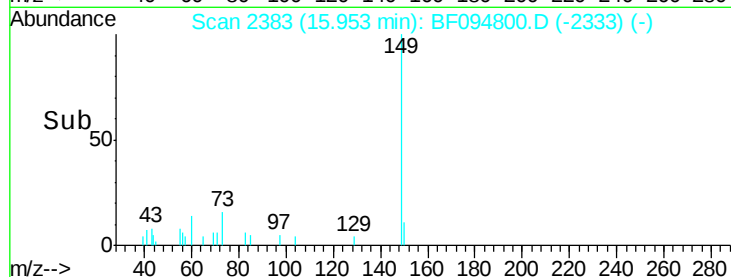
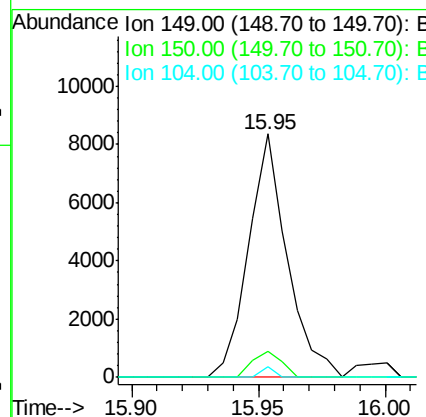
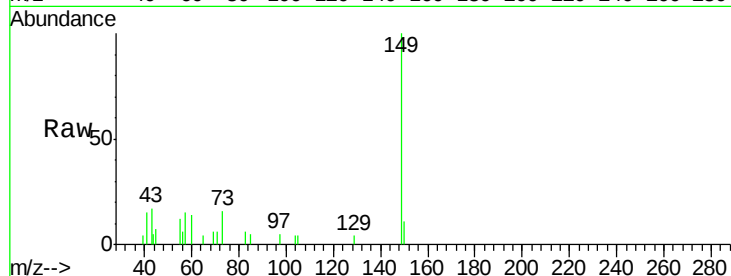




#73  
Di-n-butylphthalate  
Concen: 0.445 ng  
RT: 15.95 min Scan# 2383  
Delta R.T. -0.01 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

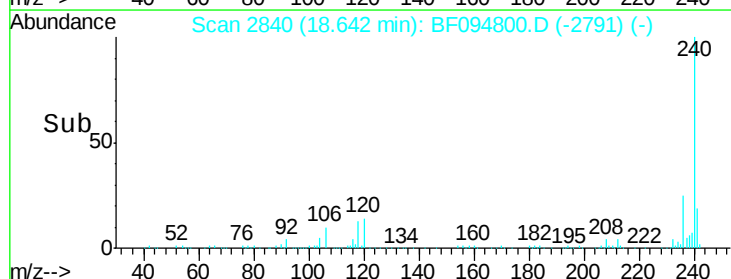
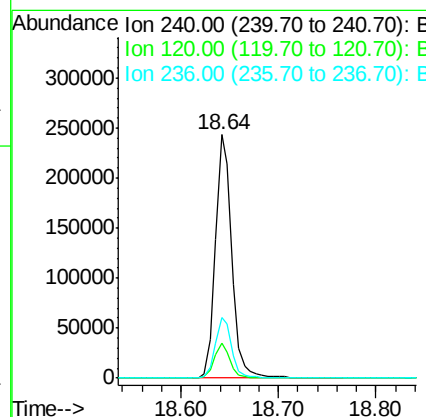
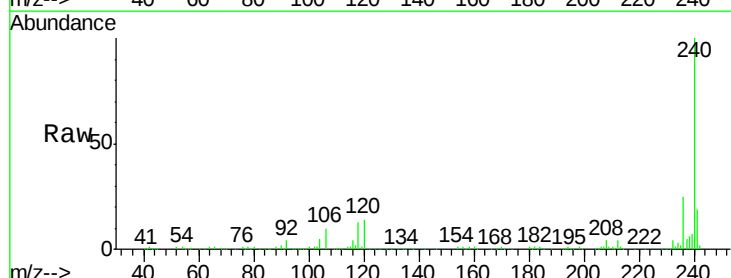
Instrument :  
BNA\_F  
ClientSampleId :  
PB98583BL

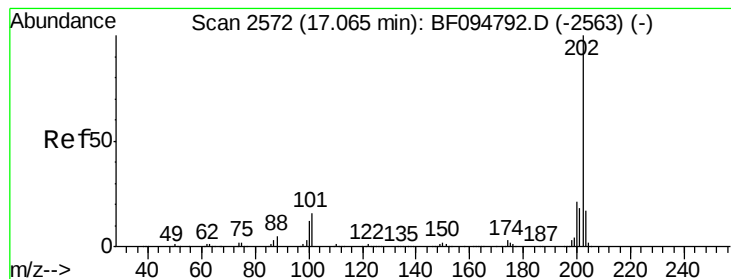
Tgt Ion:149 Resp: 8896  
Ion Ratio Lower Upper  
149 100  
150 10.6 7.7 11.5  
104 4.3 4.0 6.0



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 18.64 min Scan# 2840  
Delta R.T. -0.01 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Tgt Ion:240 Resp: 283651  
Ion Ratio Lower Upper  
240 100  
120 14.2 5.8 8.8#  
236 24.7 20.5 30.7





#77

Pyrene

Concen: 0.167 ng

RT: 17.31 min Scan# 2613

Delta R.T. 0.24 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

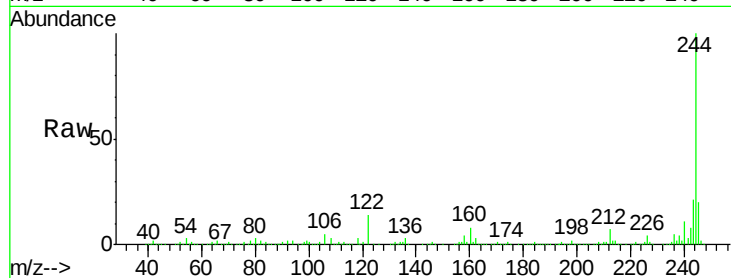
Tgt Ion:202 Resp: 3536

Ion Ratio Lower Upper

202 100

200 53.7 17.6 26.4#

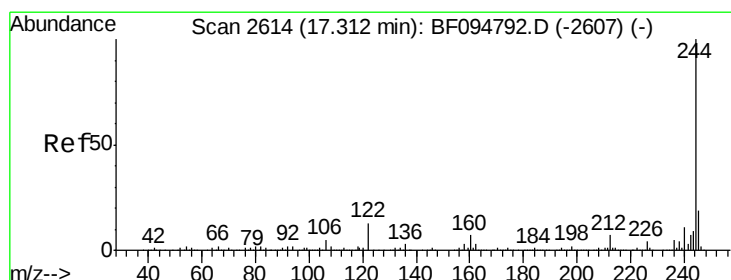
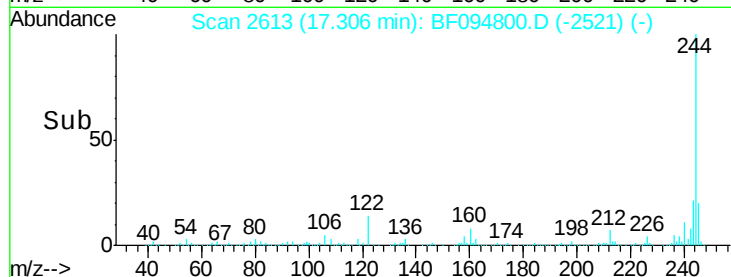
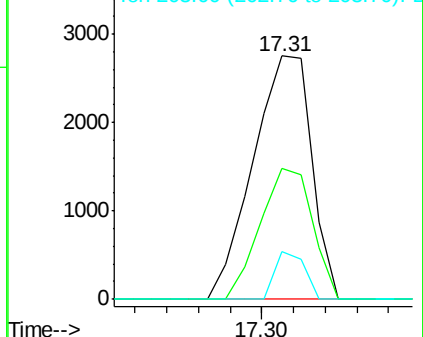
203 19.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.069 ng

RT: 17.31 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

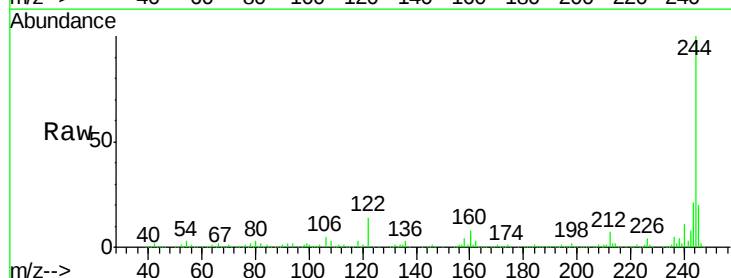
Tgt Ion:244 Resp: 1005396

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

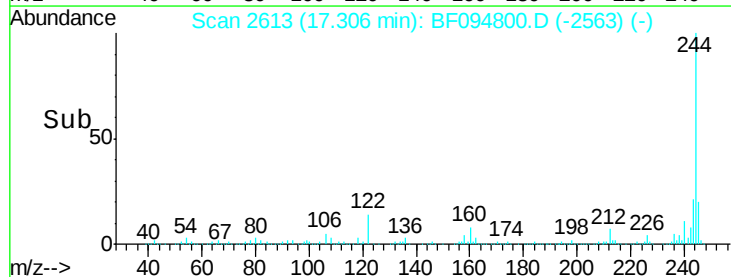
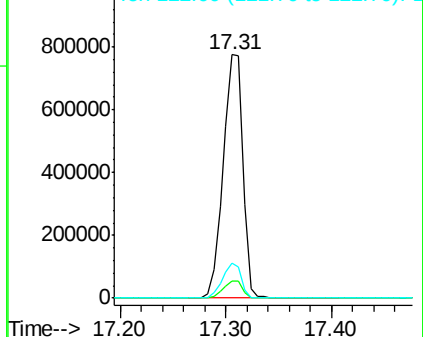
122 14.3 10.3 15.5

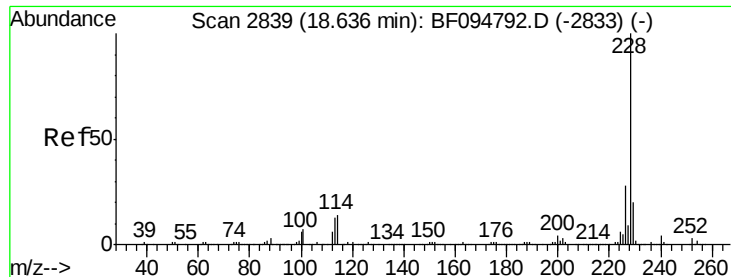


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.034 ng

RT: 18.64 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

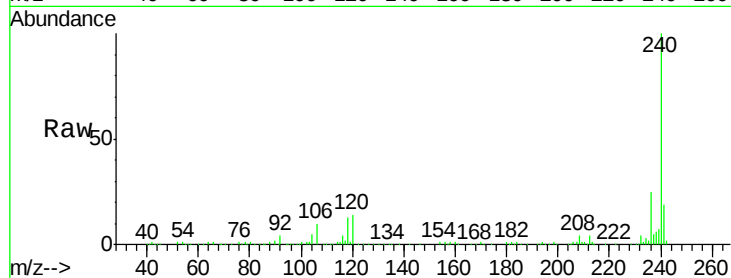
Tgt Ion:228 Resp: 557

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

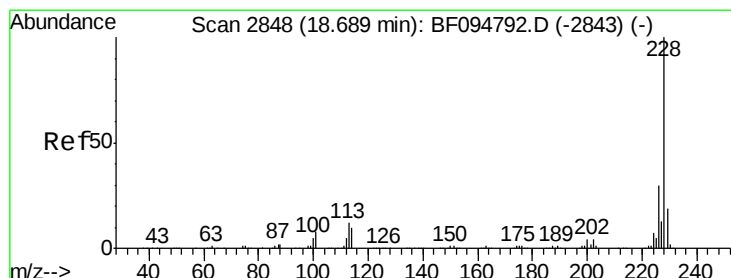
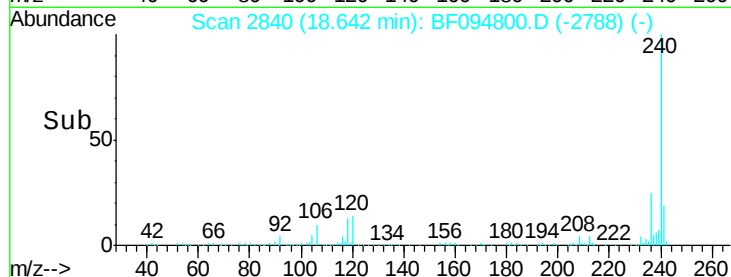
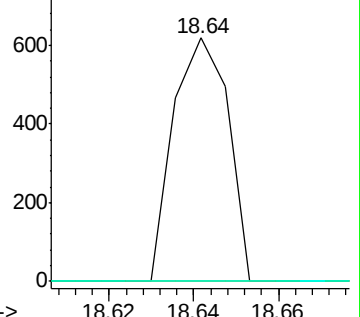
229 0.0 16.3 24.5#



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



#82

Chrysene

Concen: 0.035 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.05 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

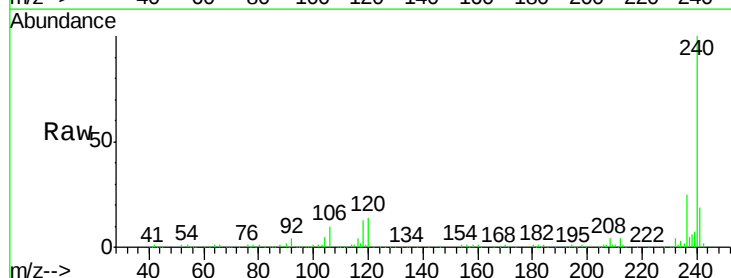
Tgt Ion:228 Resp: 557

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

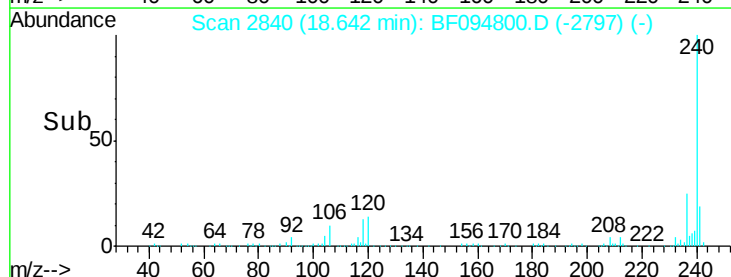
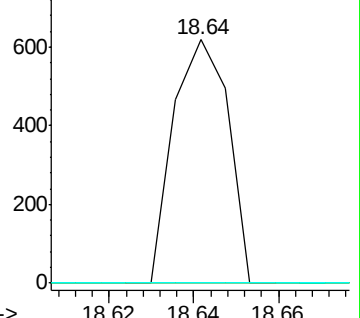
229 0.0 15.8 23.6#

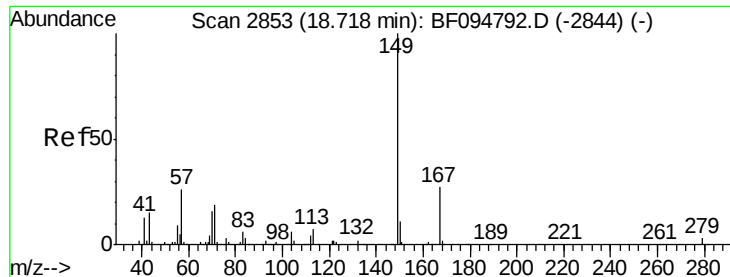


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

Instrument :

BNA\_F

ClientSampleId :

PB98583BL

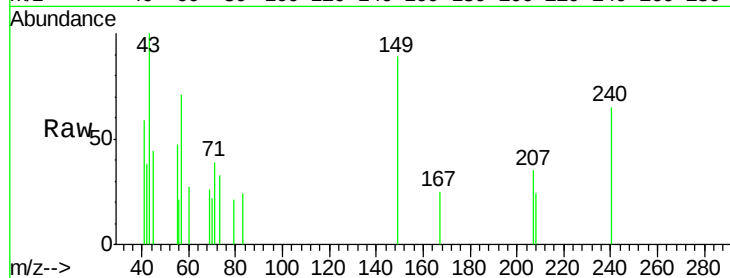
Tgt Ion:149 Resp: 1364

Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.4

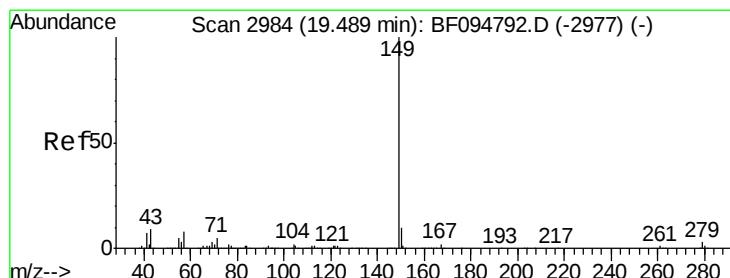
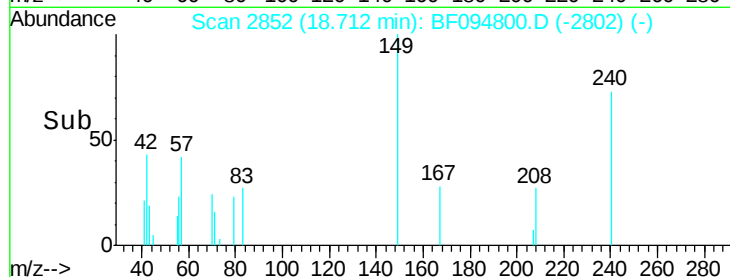
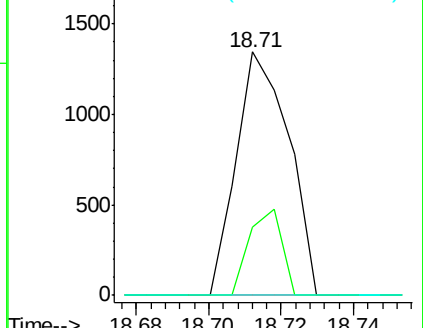
279 0.0 1.9 2.9#



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: 0.005 ng

RT: 19.59 min Scan# 3002

Delta R.T. 0.11 min

Lab File: BF094800.D

Acq: 2 May 2017 18:48

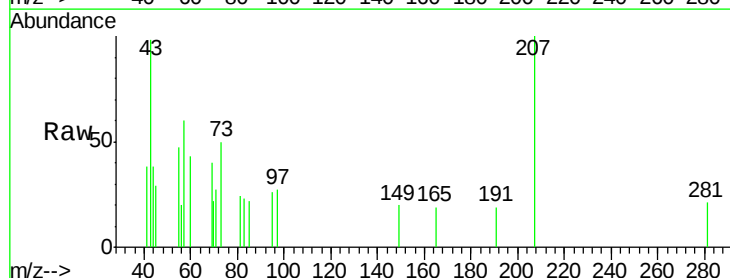
Tgt Ion:149 Resp: 118

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

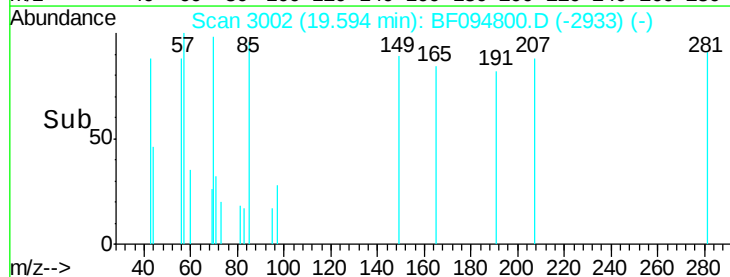
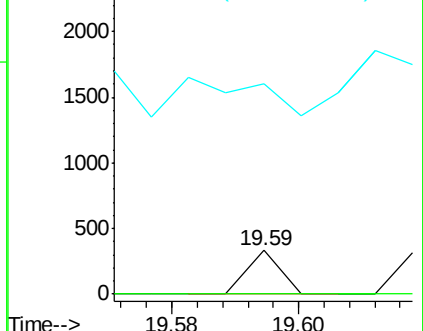
43 404.2 8.5 12.7#

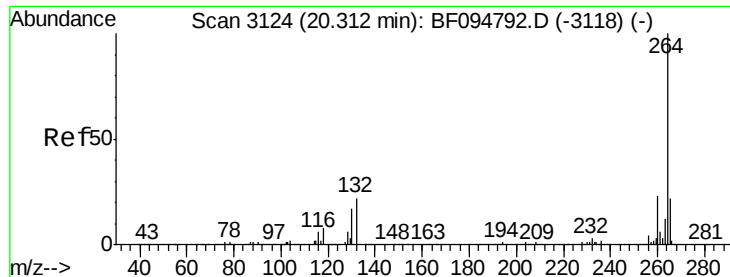


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



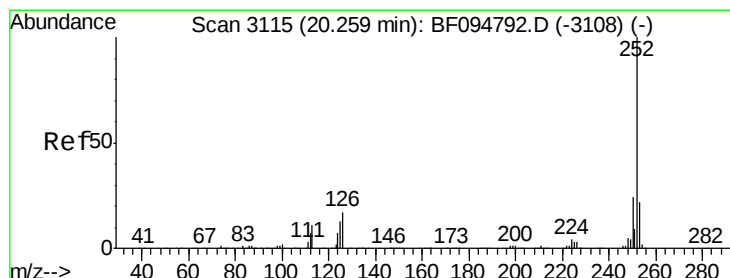
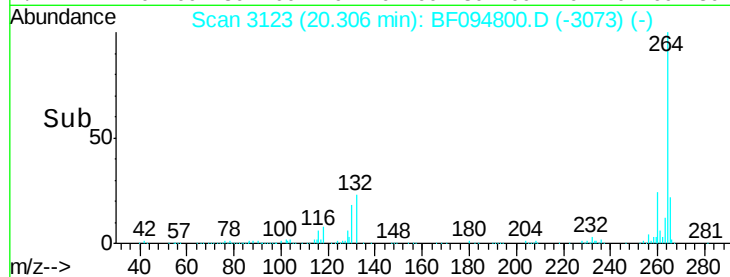
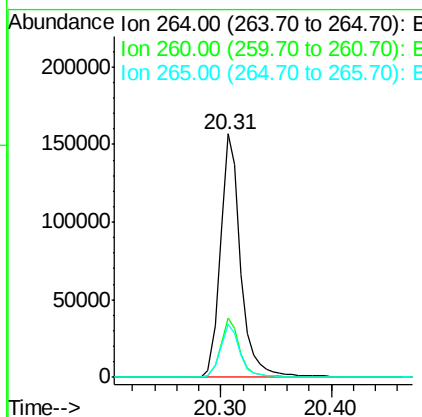
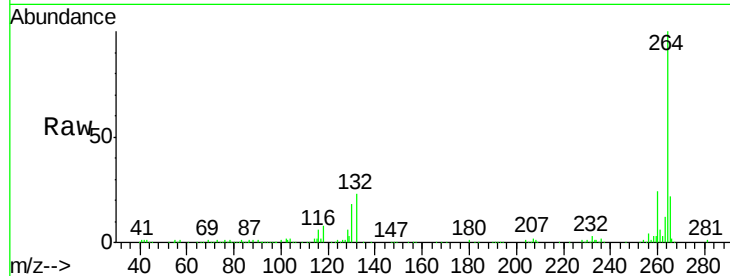


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 20.31 min Scan# 3123  
Delta R.T. -0.01 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB98583BL

Tgt Ion: 264 Resp: 200089  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 19.5  | 29.3  |
| 265 | 21.5  | 17.2  | 25.8  |



#89  
Benzo(a)pyrene  
Concen: 0.041 ng  
RT: 20.31 min Scan# 3123  
Delta R.T. 0.05 min  
Lab File: BF094800.D  
Acq: 2 May 2017 18:48

Tgt Ion: 252 Resp: 473  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 0.0   | 17.5  | 26.3# |
| 125 | 56.4  | 11.0  | 16.4# |

