

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072715\  
 Data File : BF080686.D  
 Acq On : 27 Jul 2015 23:05  
 Operator : TP/UM  
 Sample : PB84679BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Quant Time: Jul 28 07:46:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 28 07:40:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 36562    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 130646   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.96  | 164  | 57704    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.45 | 188  | 90903    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.20 | 240  | 60358    | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.84 | 264  | 28660    | 20.00 | ng    | -0.08    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.50  | 112 | 195642 | 83.69  | ng | 0.00  |
| 7) Phenol-d6                | 6.53  | 99  | 232345 | 93.84  | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.48  | 82  | 246469 | 96.59  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 10.75 | 330 | 53669  | 105.18 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.29  | 172 | 435513 | 94.46  | ng | 0.00  |
| 78) Terphenyl-d14           | 13.06 | 244 | 292358 | 82.49  | ng | -0.01 |

|                                |      |     |        |       |         |
|--------------------------------|------|-----|--------|-------|---------|
| Target Compounds               |      |     |        |       | Qvalue  |
| 2) 1,4-Dioxane                 | 2.52 | 88  | 37744  | 38.26 | ng 95   |
| 3) Pyridine                    | 3.29 | 79  | 112068 | 44.90 | ng 96   |
| 4) n-Nitrosodimethylamine      | 3.20 | 42  | 58528  | 36.50 | ng 97   |
| 6) Aniline                     | 6.58 | 93  | 72086  | 20.39 | ng 95   |
| 8) 2-Chlorophenol              | 6.70 | 128 | 105557 | 46.39 | ng 97   |
| 9) Benzaldehyde                | 6.46 | 77  | 26091  | 15.61 | ng 99   |
| 10) Phenol                     | 6.54 | 94  | 117002 | 42.09 | ng 95   |
| 11) bis(2-Chloroethyl)ether    | 6.65 | 93  | 92418  | 45.58 | ng 98   |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146 | 123408 | 44.52 | ng 99   |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 119174 | 44.00 | ng 99   |
| 14) 1,2-Dichlorobenzene        | 7.09 | 146 | 113935 | 44.37 | ng 99   |
| 15) Benzyl Alcohol             | 7.06 | 79  | 100521 | 50.28 | ng 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 183669 | 48.75 | ng 98   |
| 17) 2-Methylphenol             | 7.17 | 107 | 74028  | 46.83 | ng # 88 |
| 18) Hexachloroethane           | 7.44 | 117 | 41143  | 46.20 | ng 99   |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70  | 72807  | 50.09 | ng # 77 |
| 20) 3+4-Methylphenols          | 7.32 | 107 | 105895 | 49.06 | ng 93   |
| 22) Acetophenone               | 7.33 | 105 | 144157 | 42.62 | ng 97   |
| 24) Nitrobenzene               | 7.50 | 77  | 109791 | 43.49 | ng 99   |
| 25) Isophorone                 | 7.74 | 82  | 189634 | 47.94 | ng 97   |
| 26) 2-Nitrophenol              | 7.82 | 139 | 43853  | 43.45 | ng 96   |
| 27) 2,4-Dimethylphenol         | 7.86 | 122 | 88270  | 45.18 | ng 96   |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93  | 107054 | 45.85 | ng 99   |
| 29) 2,4-Dichlorophenol         | 8.06 | 162 | 74969  | 45.72 | ng # 82 |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 88166  | 42.32 | ng 98   |
| 31) Naphthalene                | 8.24 | 128 | 274019 | 42.64 | ng 99   |
| 32) Benzoic acid               | 7.92 | 122 | 45761  | 47.99 | ng 92   |
| 33) 4-Chloroaniline            | 8.28 | 127 | 42885  | 18.64 | ng 95   |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 53153  | 40.68 | ng 93   |
| 35) Caprolactam                | 8.60 | 113 | 18585  | 54.97 | ng # 80 |
| 36) 4-Chloro-3-methylphenol    | 8.75 | 107 | 84809  | 51.20 | ng 98   |
| 37) 2-Methylnaphthalene        | 8.92 | 142 | 193749 | 47.29 | ng 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 84709  | 39.92 | ng 99   |
| 40) Hexachlorocyclopentadiene  | 9.08 | 237 | 121175 | 89.04 | ng 96   |

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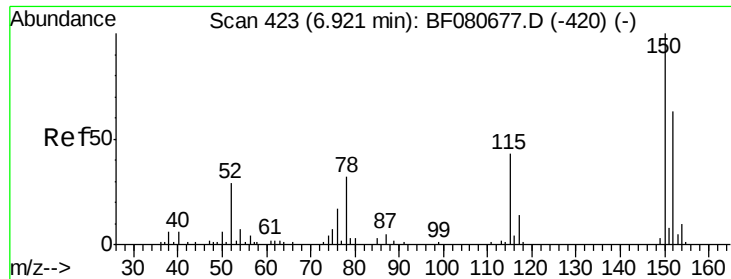
Instrument :  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.20  | 196  | 59961    | 42.04  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.23  | 196  | 58698    | 45.60  | ng    | 94       |
| 45) 1,1'-Biphenyl              | 9.39  | 154  | 209739   | 43.00  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.41  | 162  | 175193   | 43.14  | ng    | 96       |
| 47) 2-Nitroaniline             | 9.50  | 65   | 45379    | 47.30  | ng    | # 38     |
| 48) Acenaphthylene             | 9.82  | 152  | 275680   | 42.89  | ng    | 98       |
| 49) Dimethylphthalate          | 9.68  | 163  | 173035   | 45.39  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.74  | 165  | 38206    | 51.34  | ng    | # 83     |
| 51) Acenaphthene               | 10.00 | 154  | 175931   | 46.50  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.90  | 138  | 26902    | 31.70  | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 10.01 | 184  | 22359    | 115.26 | ng    | # 48     |
| 54) Dibenzofuran               | 10.17 | 168  | 237181   | 45.92  | ng    | 96       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 53672    | 93.95  | ng    | # 81     |
| 56) 2,4-Dinitrotoluene         | 10.14 | 165  | 48687    | 57.30  | ng    | 95       |
| 57) Fluorene                   | 10.51 | 166  | 181068   | 46.21  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.28 | 232  | 42592    | 49.45  | ng    | # 82     |
| 59) Diethylphthalate           | 10.38 | 149  | 186111   | 51.92  | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.51 | 204  | 84330    | 48.95  | ng    | 100      |
| 61) 4-Nitroaniline             | 10.51 | 138  | 30753    | 42.04  | ng    | 95       |
| 62) Azobenzene                 | 10.66 | 77   | 174313   | 49.71  | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198  | 17533    | 50.73  | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 145345   | 46.60  | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 11.00 | 248  | 46176    | 47.26  | ng    | 94       |
| 67) Hexachlorobenzene          | 11.06 | 284  | 51632    | 44.67  | ng    | 96       |
| 68) Atrazine                   | 11.15 | 200  | 39463    | 64.77  | ng    | 93       |
| 69) Pentachlorophenol          | 11.25 | 266  | 51463    | 113.97 | ng    | 95       |
| 70) Phenanthrene               | 11.47 | 178  | 237494   | 45.63  | ng    | 99       |
| 71) Anthracene                 | 11.53 | 178  | 255512   | 50.49  | ng    | 96       |
| 72) Carbazole                  | 11.68 | 167  | 196310   | 46.20  | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.02 | 149  | 239889   | 55.23  | ng    | 98       |
| 74) Fluoranthene               | 12.67 | 202  | 221250   | 53.60  | ng    | 97       |
| 76) Benzidine                  | 12.80 | 184  | 41186    | 25.10  | ng    | 100      |
| 77) Pyrene                     | 12.91 | 202  | 213687   | 42.44  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 71918    | 48.82  | ng    | 92       |
| 80) Benzo(a)anthracene         | 14.19 | 228  | 149838   | 42.86  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.16 | 252  | 16686    | 18.30  | ng    | # 96     |
| 82) Chrysene                   | 14.24 | 228  | 153864   | 43.90  | ng    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 14.21 | 149  | 90710    | 50.43  | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 14.93 | 149  | 115126   | 53.89  | ng    | # 99     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.31 | 276  | 50164    | 35.04  | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.40 | 252  | 95634    | 46.71  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 15.40 | 252  | 95634    | 48.47  | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.77 | 252  | 77166    | 48.32  | ng    | 94       |
| 90) Dibenzo(a,h)anthracene     | 17.35 | 278  | 43890    | 41.13  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.76 | 276  | 41177    | 39.80  | ng    | # 92     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

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PB84679BSD

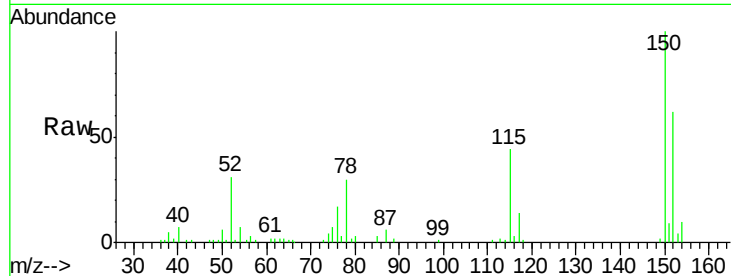
Tgt Ion:152 Resp: 36562

Ion Ratio Lower Upper

152 100

150 160.2 127.7 191.5

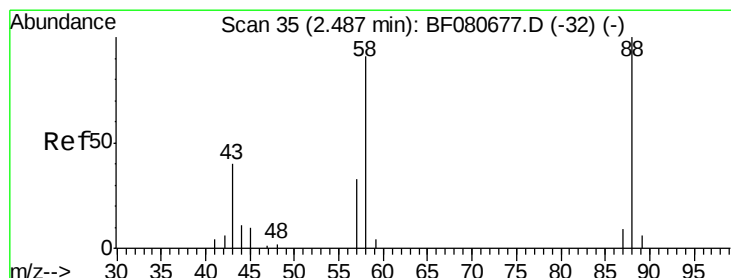
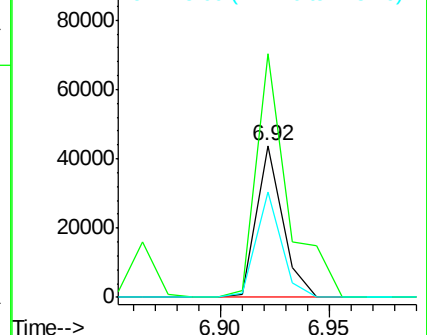
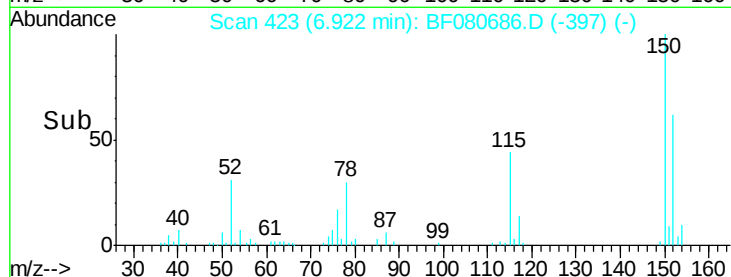
115 69.8 54.2 81.4



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: 38.26 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.04 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

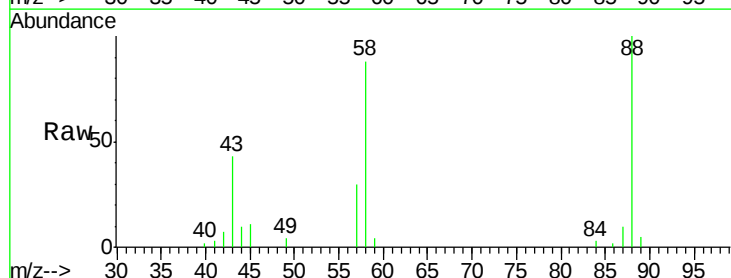
Tgt Ion: 88 Resp: 37744

Ion Ratio Lower Upper

88 100

58 93.7 71.6 107.4

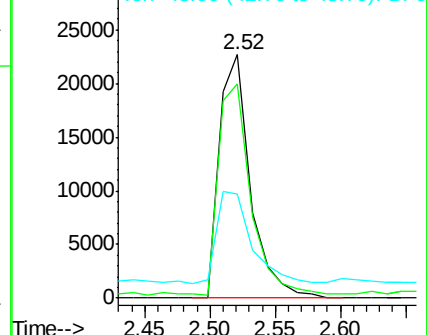
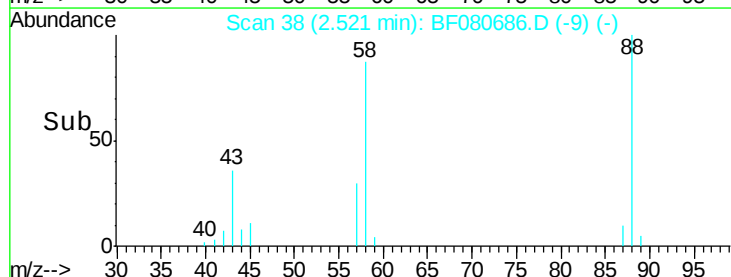
43 42.4 31.4 47.0

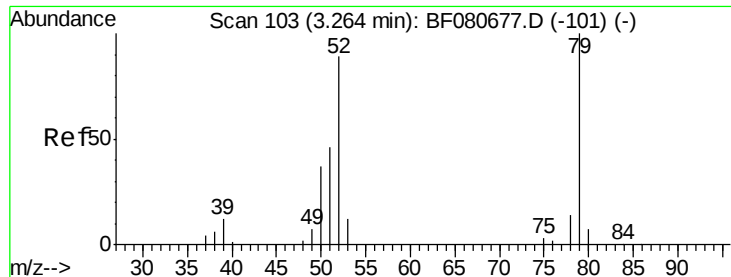


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.90 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

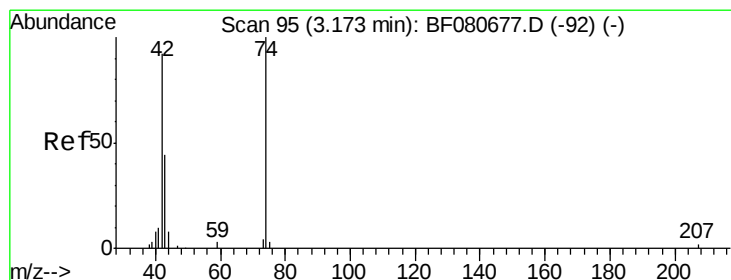
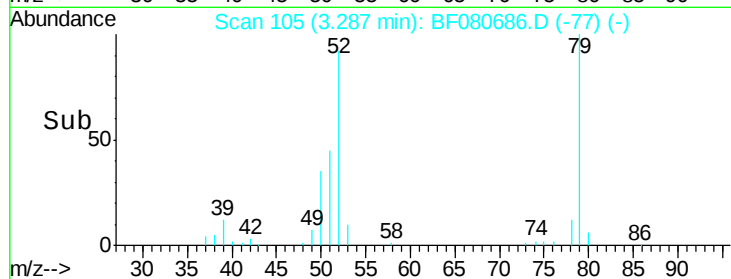
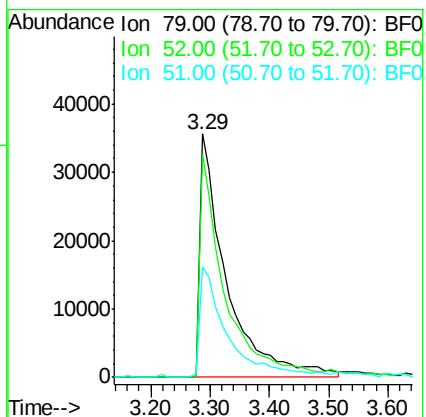
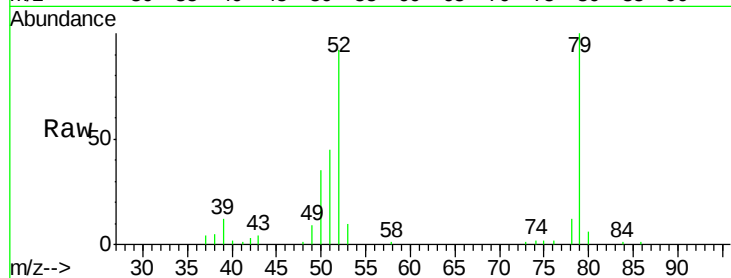
Tgt Ion: 79 Resp: 112068

Ion Ratio Lower Upper

79 100

52 91.5 71.1 106.7

51 45.3 39.0 58.4



#4

n-Nitrosodimethylamine

Concen: 36.50 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.02 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

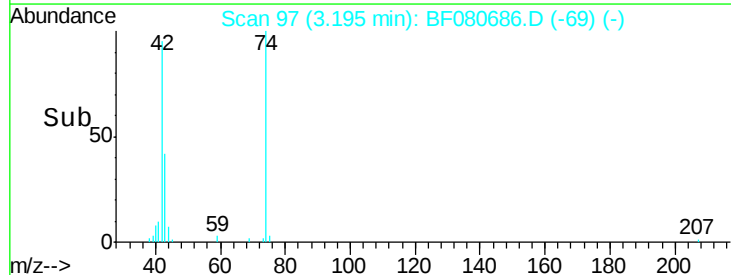
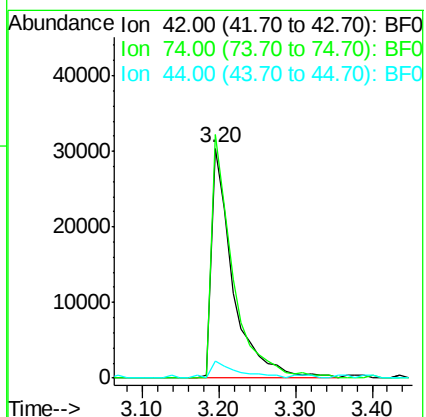
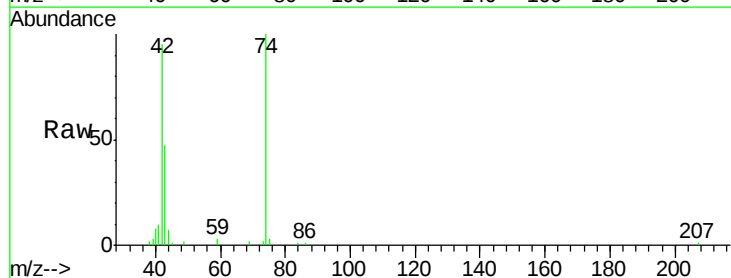
Tgt Ion: 42 Resp: 58528

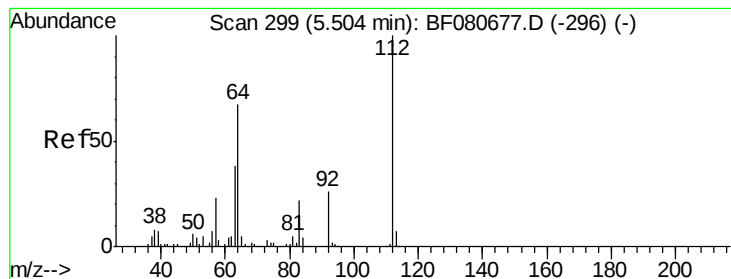
Ion Ratio Lower Upper

42 100

74 105.8 87.0 130.6

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 83.69 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

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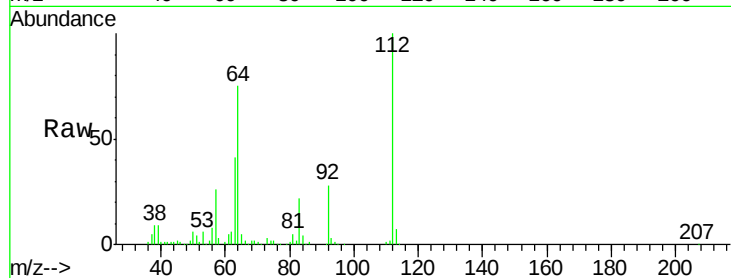
Tgt Ion: 112 Resp: 195642

Ion Ratio Lower Upper

112 100

64 75.2 53.2 79.8

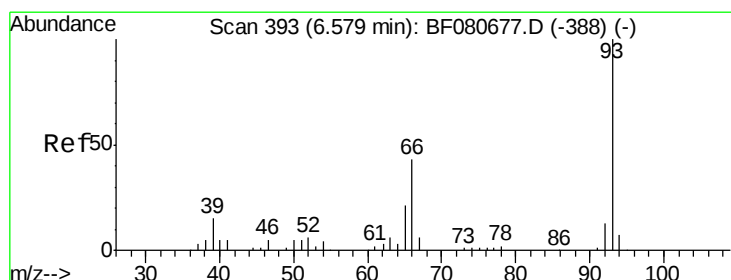
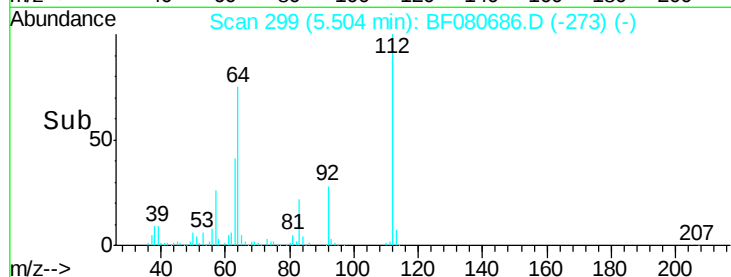
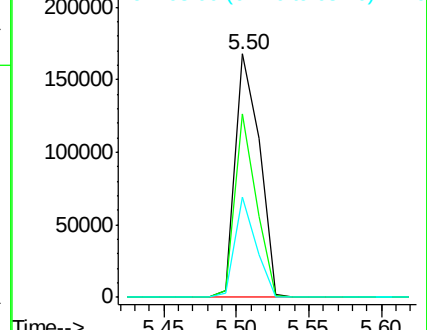
63 41.3 30.4 45.6



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: 20.39 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

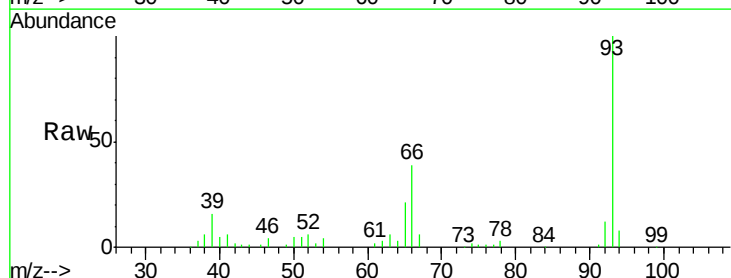
Tgt Ion: 93 Resp: 72086

Ion Ratio Lower Upper

93 100

66 38.8 34.6 52.0

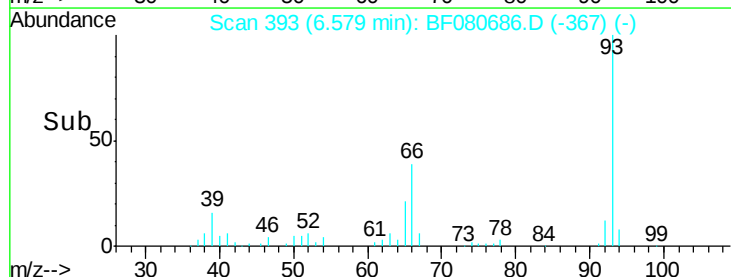
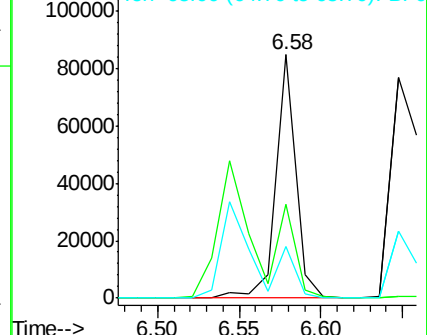
65 21.2 16.5 24.7

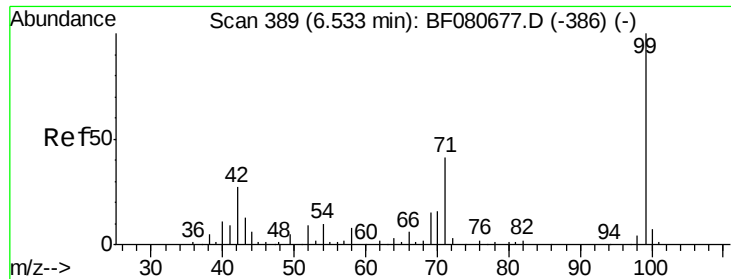


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.84 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

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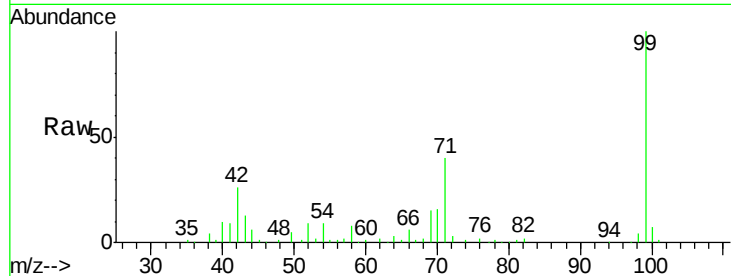
Tgt Ion: 99 Resp: 232345

Ion Ratio Lower Upper

99 100

42 26.4 21.8 32.8

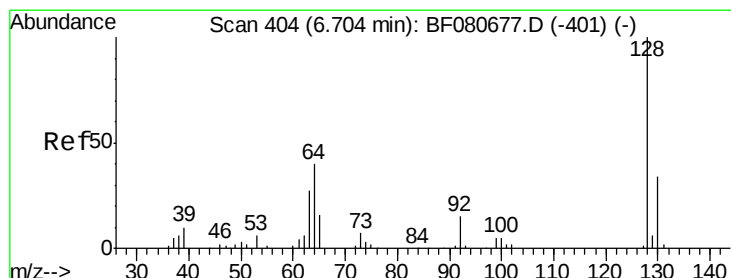
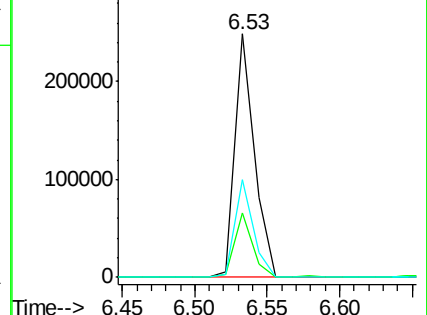
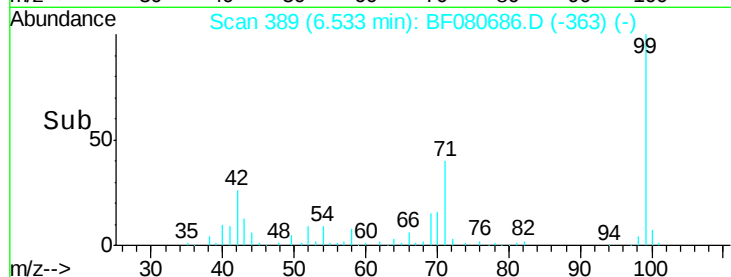
71 40.3 32.9 49.3



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: 46.39 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

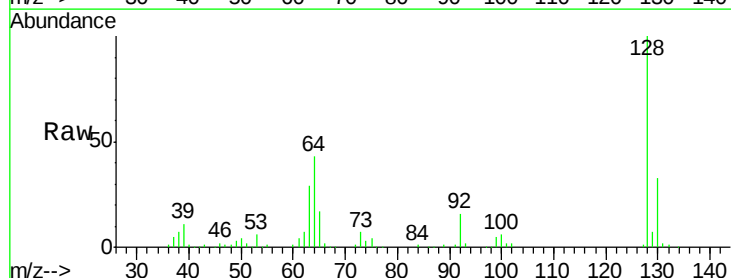
Tgt Ion: 128 Resp: 105557

Ion Ratio Lower Upper

128 100

130 33.0 14.0 54.0

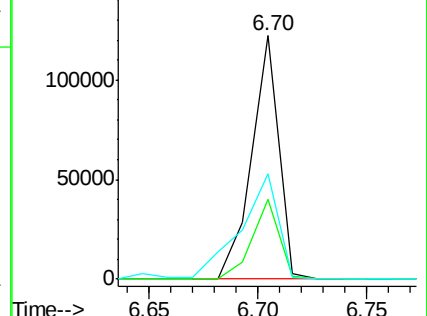
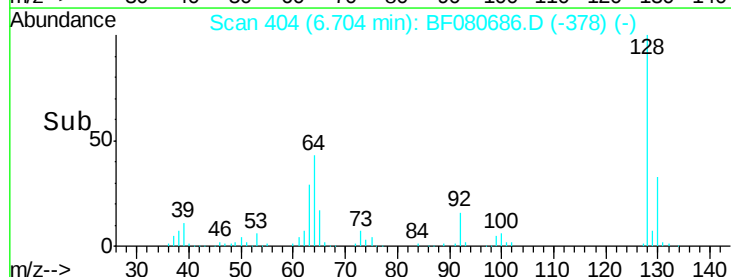
64 43.1 20.6 60.6

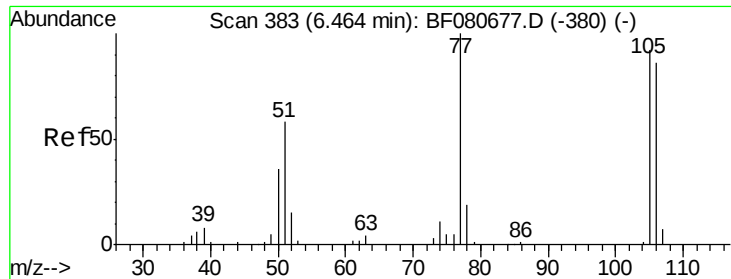


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

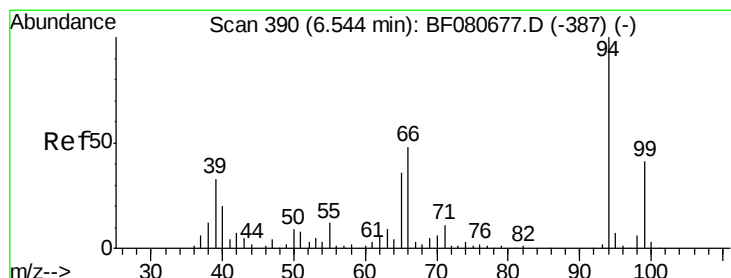
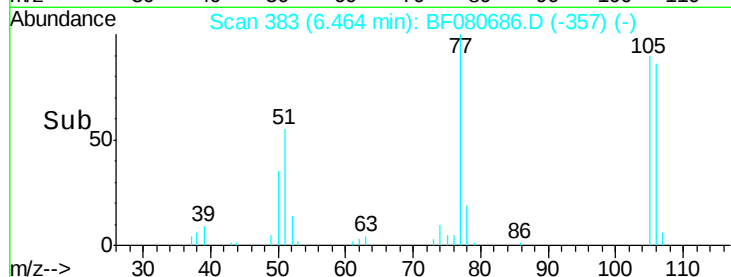
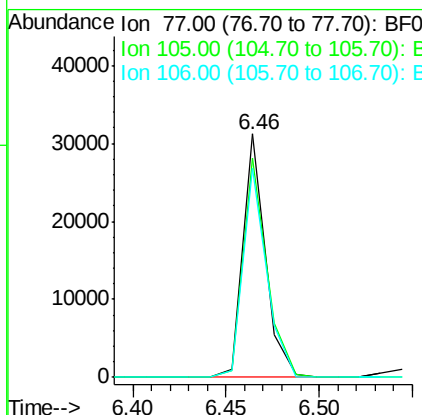
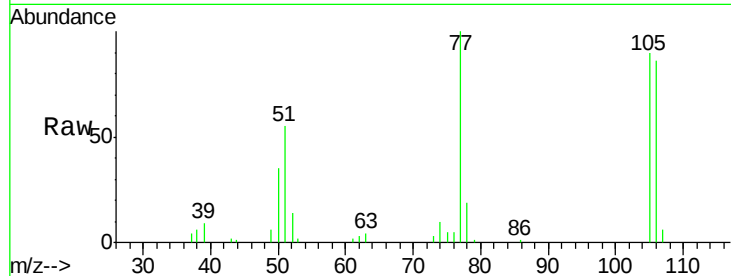




#9  
Benzaldehyde  
Concen: 15.61 ng  
RT: 6.46 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

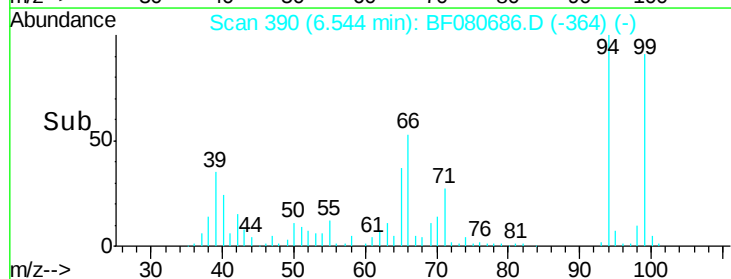
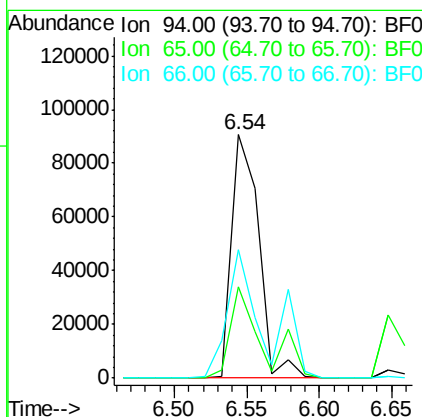
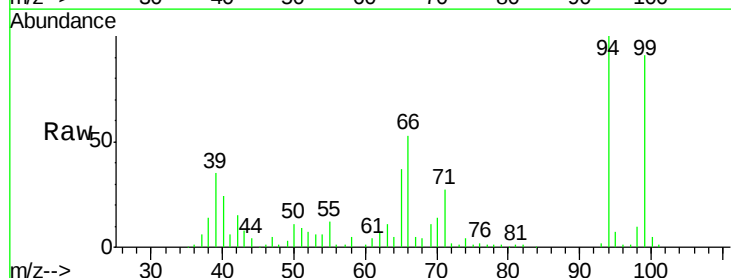
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

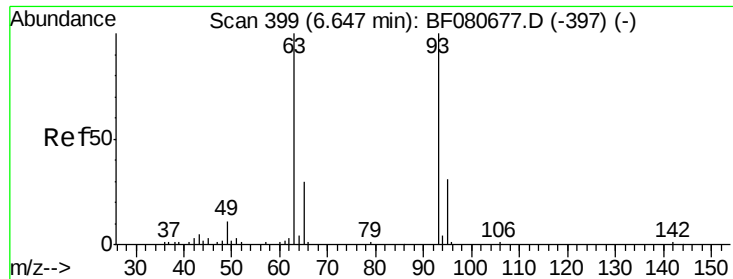
Tgt Ion: 77 Resp: 26091  
Ion Ratio Lower Upper  
77 100  
105 89.9 72.1 112.1  
106 85.6 65.5 105.5



#10  
Phenol  
Concen: 42.09 ng  
RT: 6.54 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion: 94 Resp: 117002  
Ion Ratio Lower Upper  
94 100  
65 37.2 16.0 56.0  
66 52.8 28.1 68.1

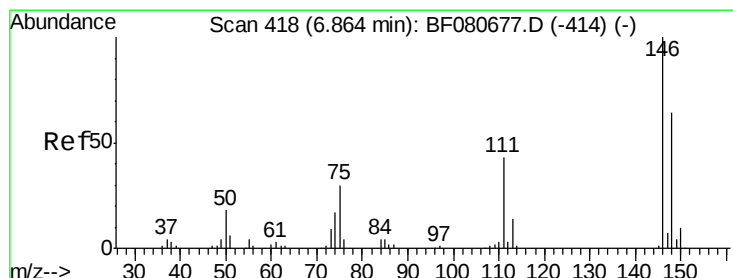
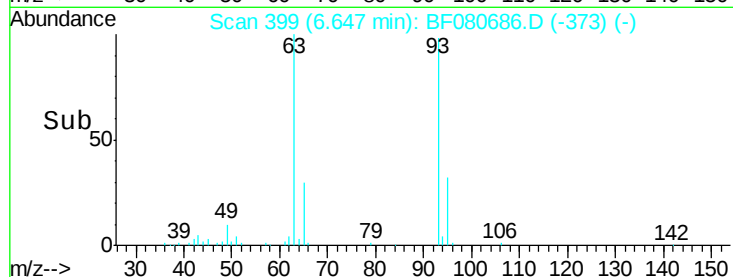
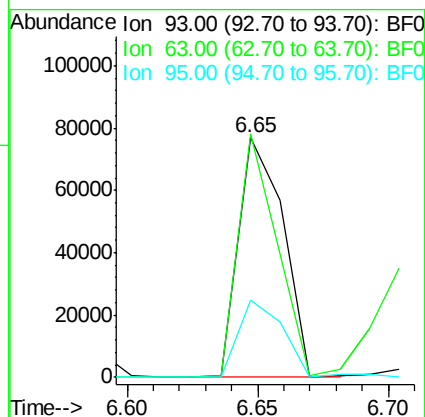
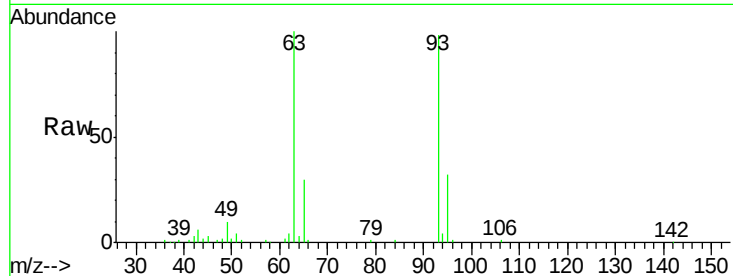




#11  
bis(2-Chloroethyl)ether  
Concen: 45.58 ng  
RT: 6.65 min Scan# 399  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

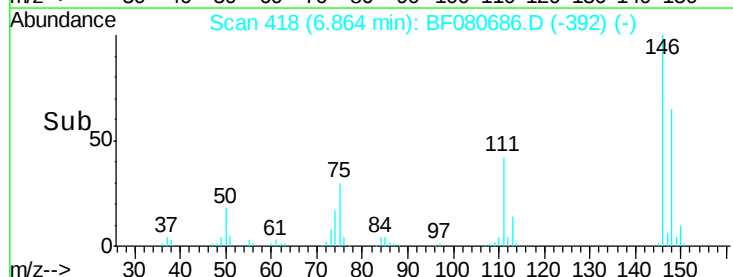
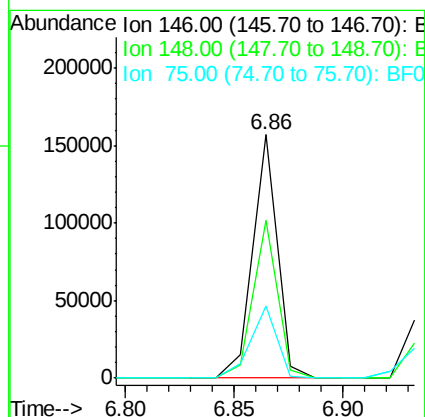
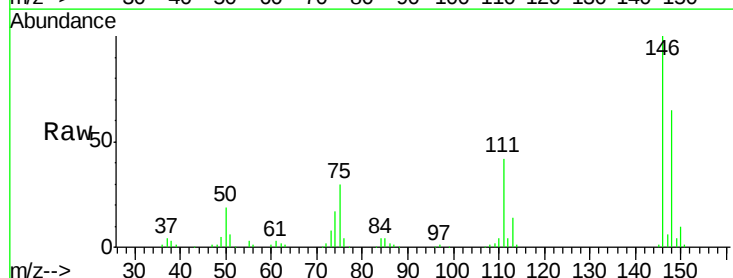
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

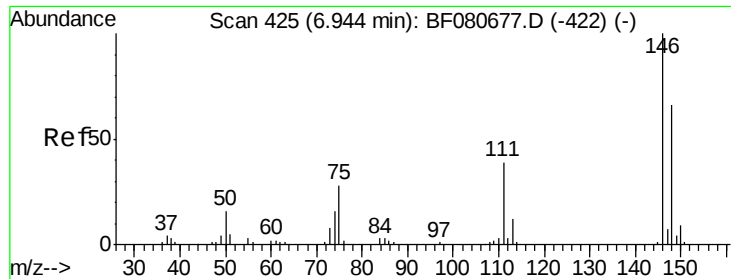
Tgt Ion: 93 Resp: 92418  
Ion Ratio Lower Upper  
93 100  
63 101.8 79.7 119.7  
95 32.4 11.0 51.0



#12  
1,3-Dichlorobenzene  
Concen: 44.52 ng  
RT: 6.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion: 146 Resp: 123408  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.2 76.8  
75 29.9 23.9 35.9

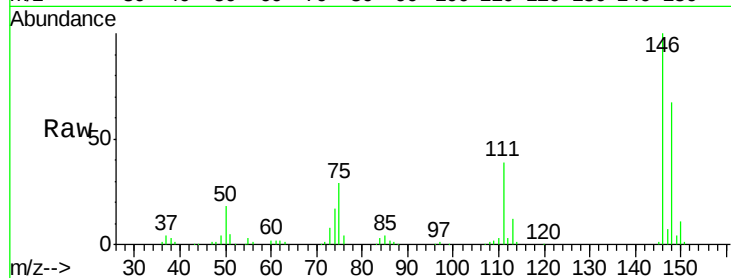




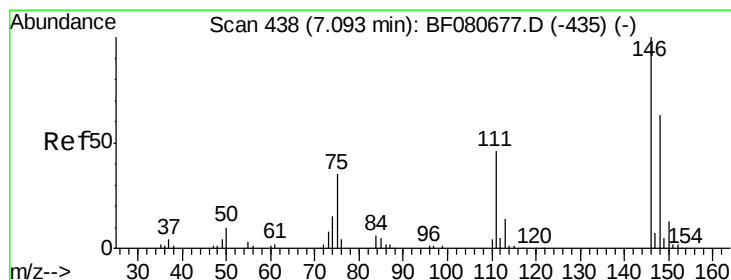
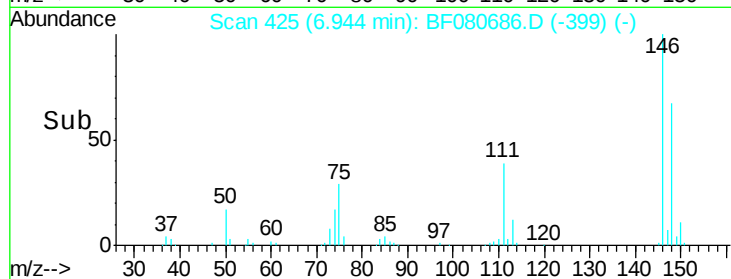
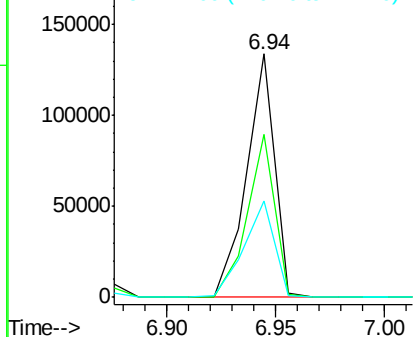
#13  
 1,4-Dichlorobenzene  
 Concen: 44.00 ng  
 RT: 6.94 min Scan# 425  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:146 Resp: 119174  
 Ion Ratio Lower Upper  
 146 100  
 148 66.9 52.7 79.1  
 111 39.5 31.1 46.7

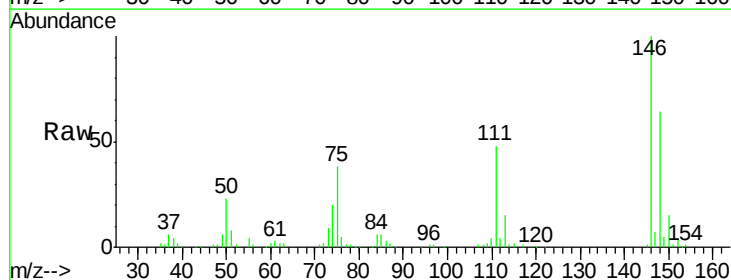


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

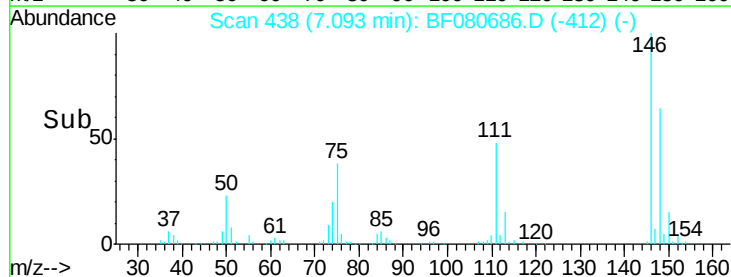
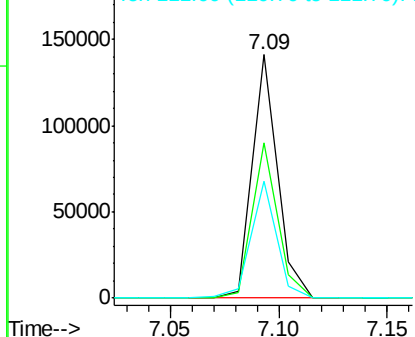


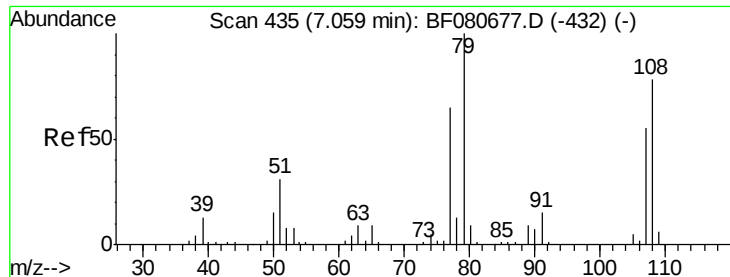
#14  
 1,2-Dichlorobenzene  
 Concen: 44.37 ng  
 RT: 7.09 min Scan# 438  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:146 Resp: 113935  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 50.6 76.0  
 111 47.9 37.2 55.8



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: 50.28 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

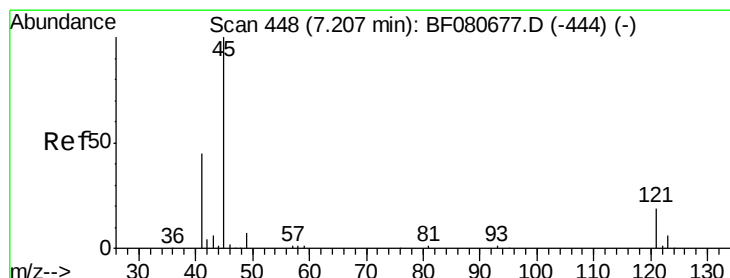
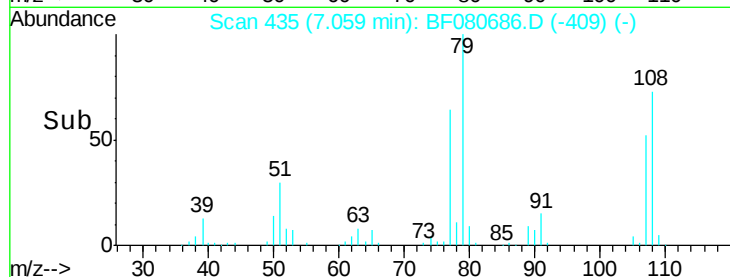
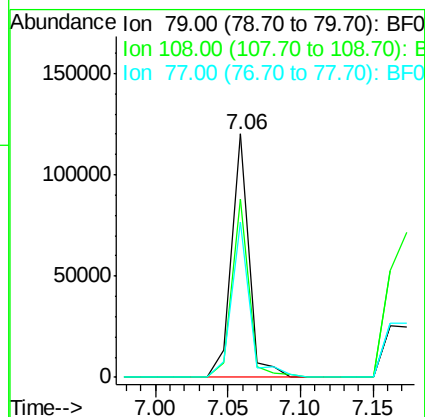
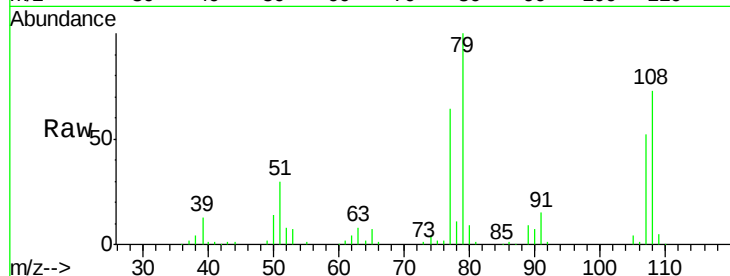
Tgt Ion: 79 Resp: 100521

Ion Ratio Lower Upper

79 100

108 73.1 62.7 94.1

77 63.8 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.75 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

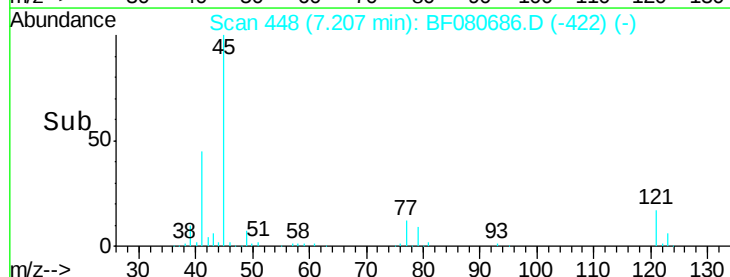
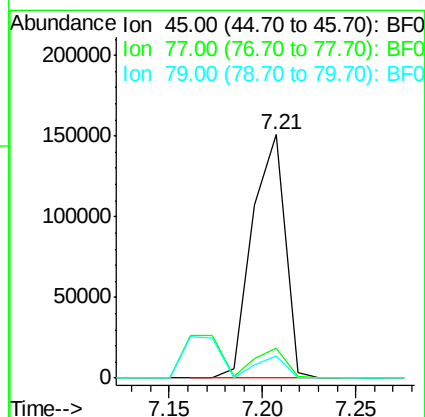
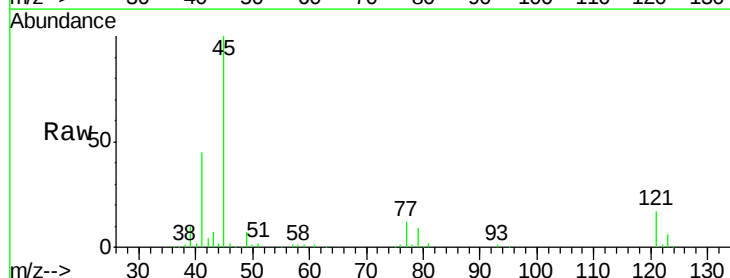
Tgt Ion: 45 Resp: 183669

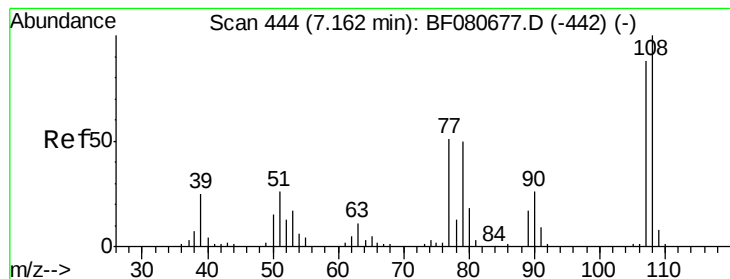
Ion Ratio Lower Upper

45 100

77 12.2 0.0 33.4

79 9.0 0.0 28.8





#17

2-Methylphenol

Concen: 46.83 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

Tgt Ion:107 Resp: 74028

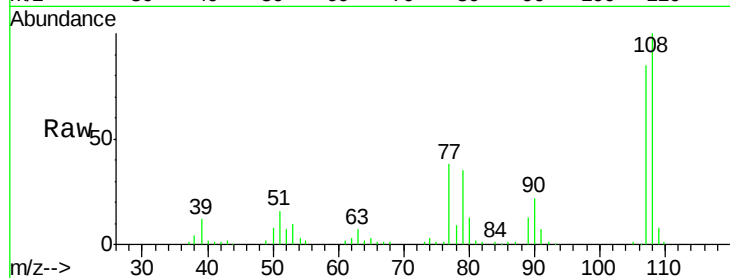
Ion Ratio Lower Upper

107 100

108 117.5 91.3 136.9

77 44.1 47.0 70.4#

79 40.7 45.6 68.4#

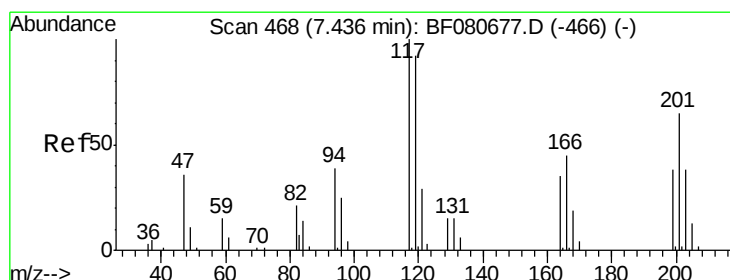
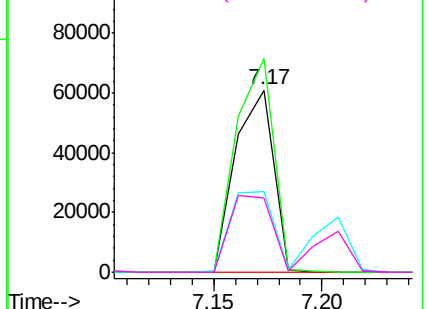
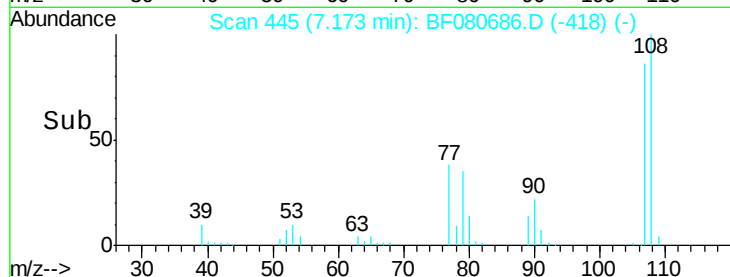


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.20 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

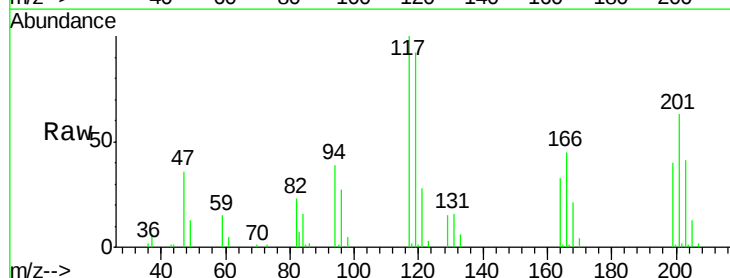
Tgt Ion:117 Resp: 41143

Ion Ratio Lower Upper

117 100

119 91.8 73.6 110.4

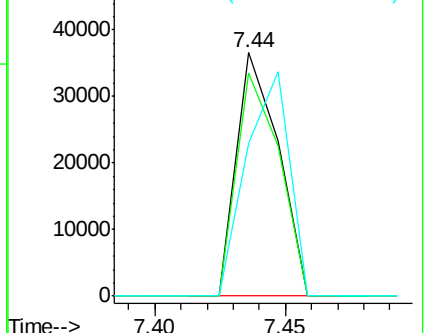
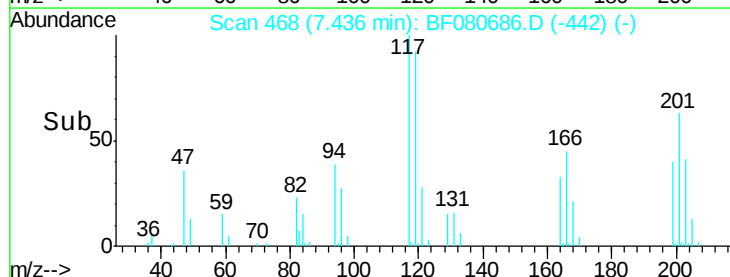
201 62.7 52.2 78.2

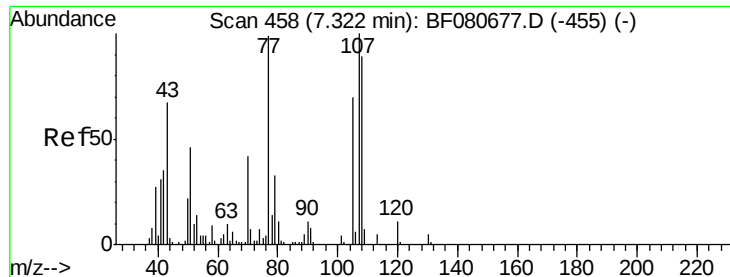


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

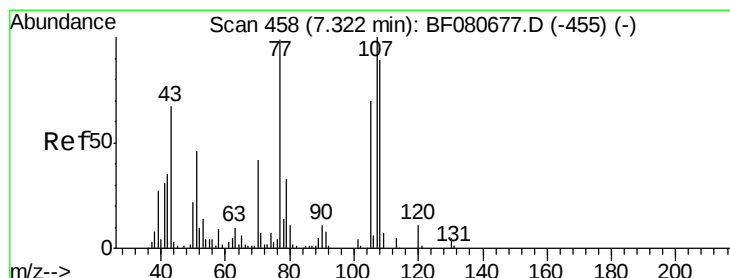
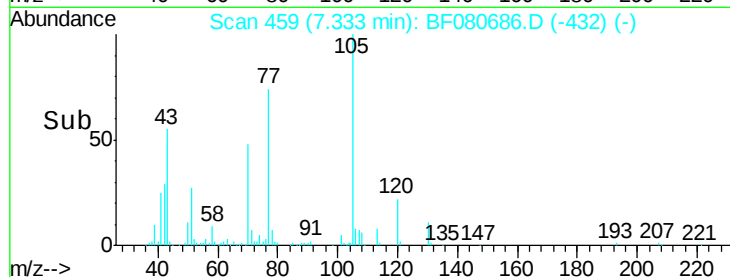
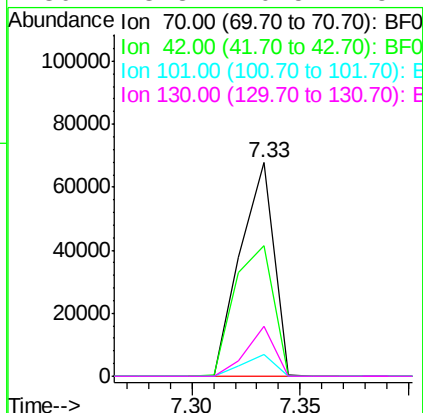
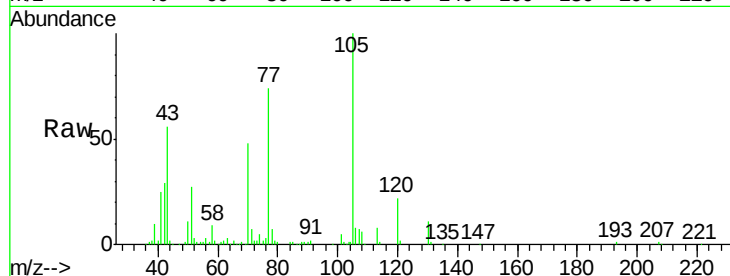




#19  
n-Nitroso-di-n-propylamine  
Concen: 50.09 ng  
RT: 7.33 min Scan# 459  
Delta R.T. 0.01 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

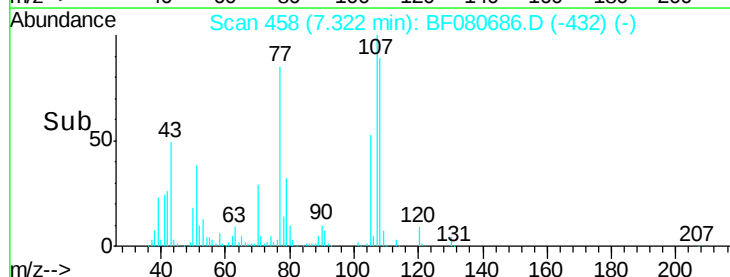
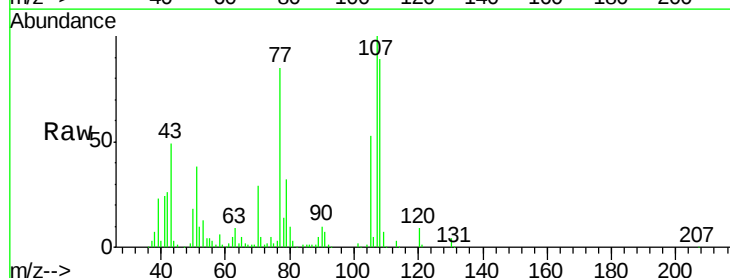
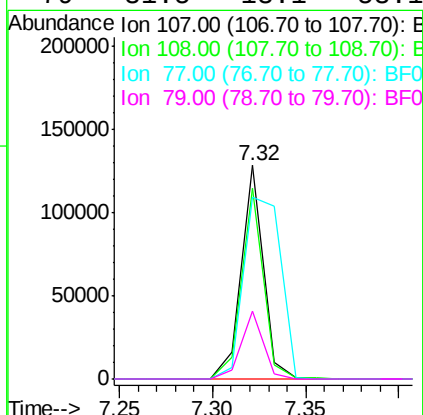
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

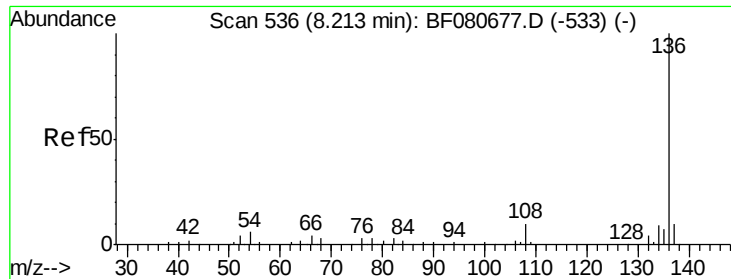
Tgt Ion: 70 Resp: 72807  
Ion Ratio Lower Upper  
70 100  
42 61.3 67.4 101.2#  
101 10.3 7.3 10.9  
130 23.3 10.5 15.7#



#20  
3+4-Methylphenols  
Concen: 49.06 ng  
RT: 7.32 min Scan# 458  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion: 107 Resp: 105895  
Ion Ratio Lower Upper  
107 100  
108 89.5 68.7 108.7  
77 85.0 78.9 118.9  
79 31.5 13.1 53.1

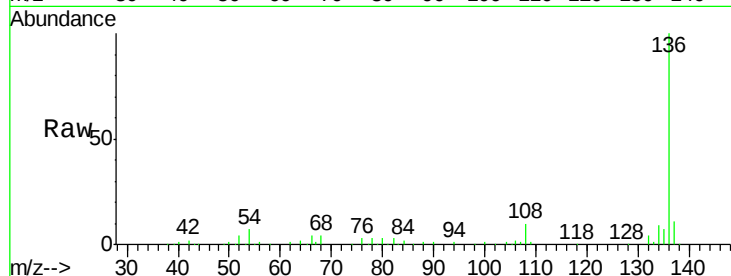




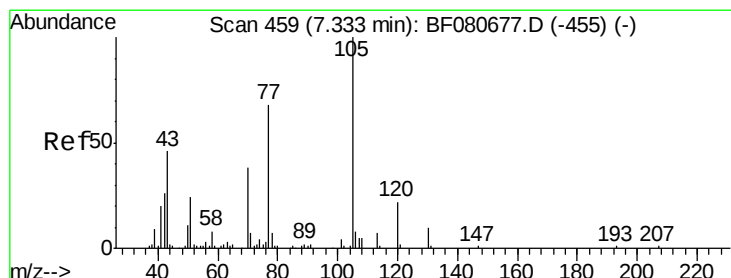
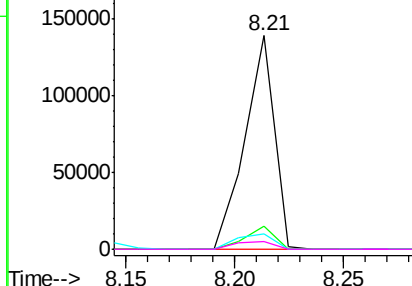
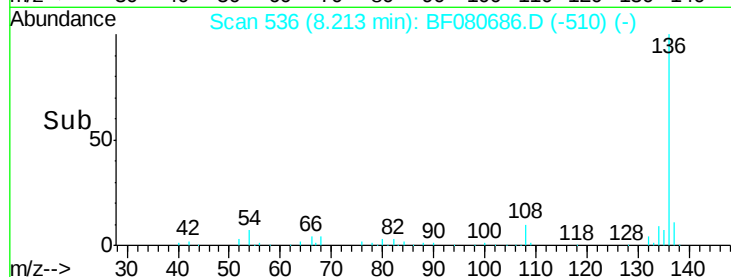
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.21 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 130646 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.2   | 12.2   |
| 54       | 7.4   | 5.0   | 7.4    |
| 68       | 3.6   | 2.7   | 4.1    |

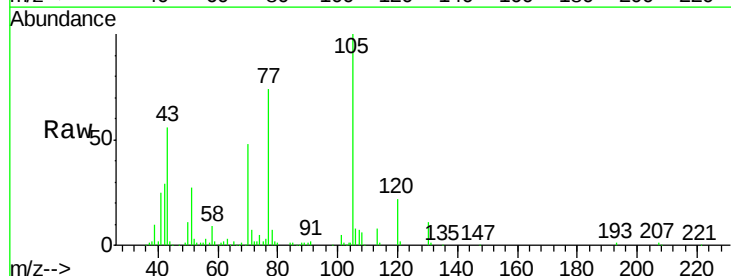


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

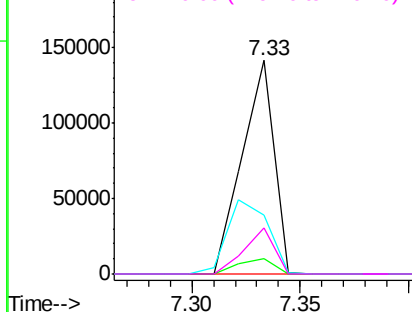
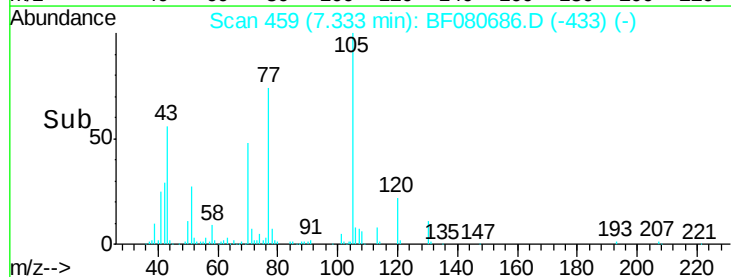


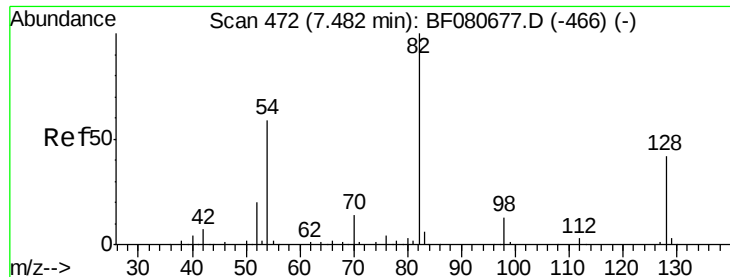
#22  
Acetophenone  
Concen: 42.62 ng  
RT: 7.33 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 144157 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 7.1   | 5.4   | 8.2    |
| 51       | 27.5  | 19.6  | 29.4   |
| 120      | 21.8  | 17.4  | 26.2   |



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

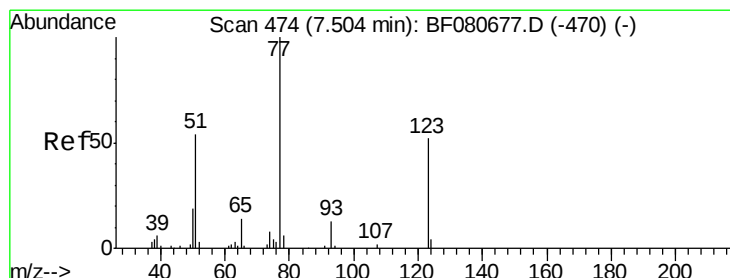
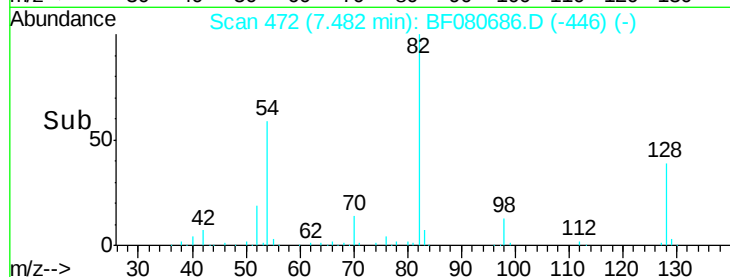
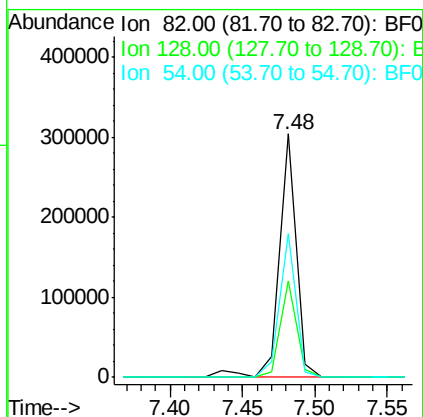
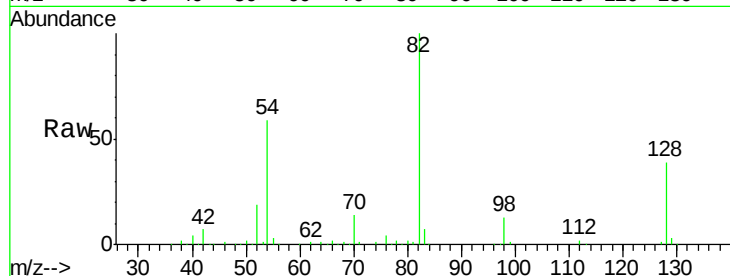




#23  
 Nitrobenzene-d5  
 Concen: 96.59 ng  
 RT: 7.48 min Scan# 472  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

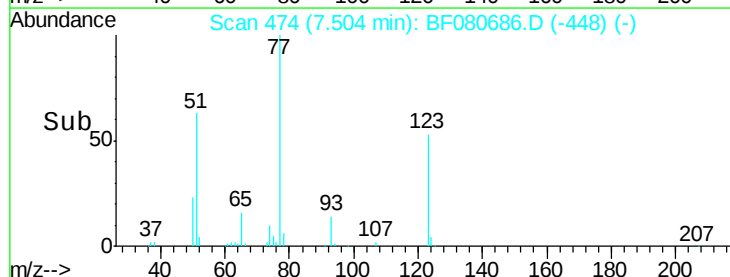
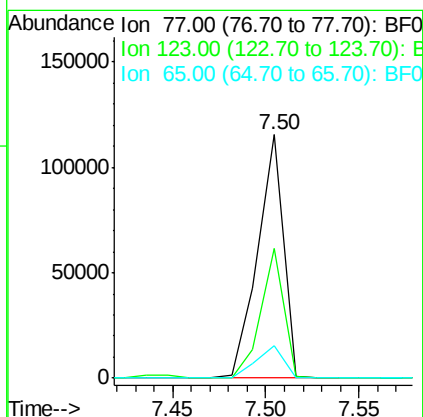
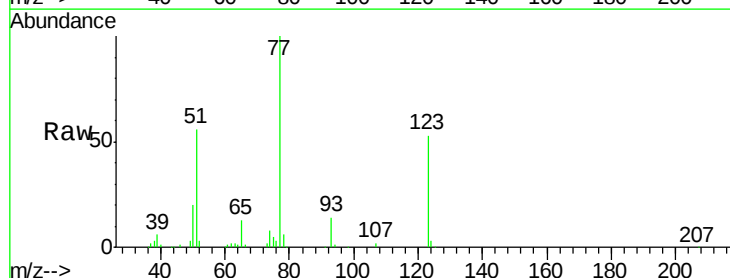
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

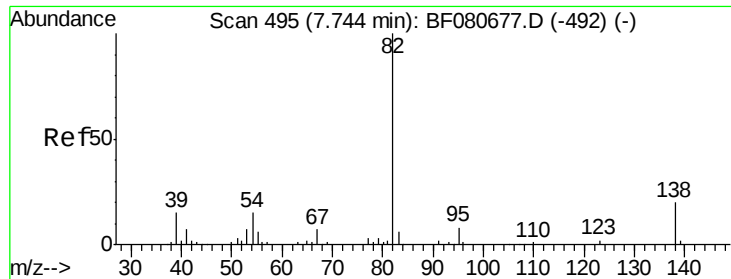
Tgt Ion: 82 Resp: 246469  
 Ion Ratio Lower Upper  
 82 100  
 128 39.4 33.7 50.5  
 54 59.0 47.3 70.9



#24  
 Nitrobenzene  
 Concen: 43.49 ng  
 RT: 7.50 min Scan# 474  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion: 77 Resp: 109791  
 Ion Ratio Lower Upper  
 77 100  
 123 53.0 41.8 62.8  
 65 13.4 10.8 16.2

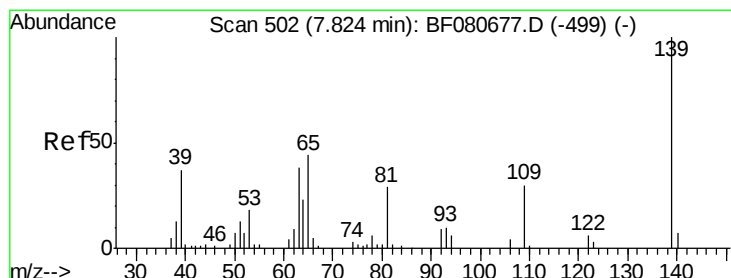
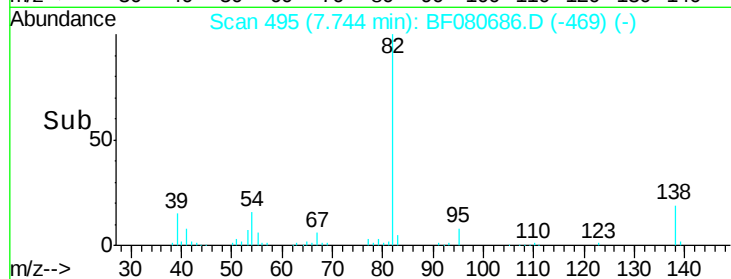
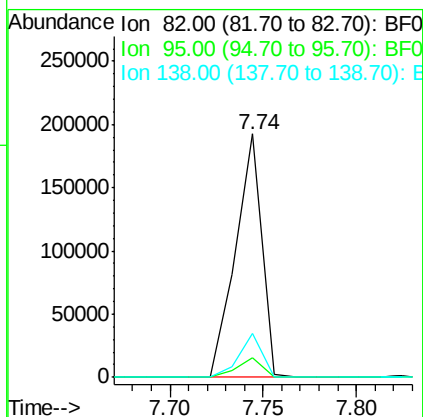
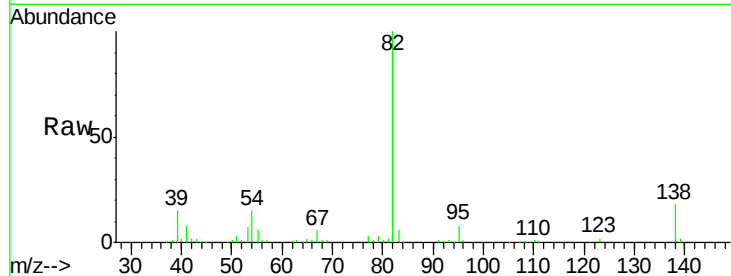




#25  
Isophorone  
Concen: 47.94 ng  
RT: 7.74 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

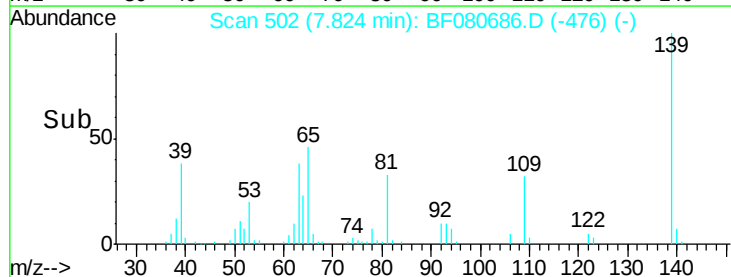
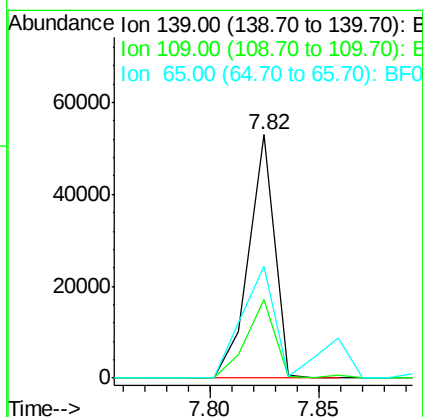
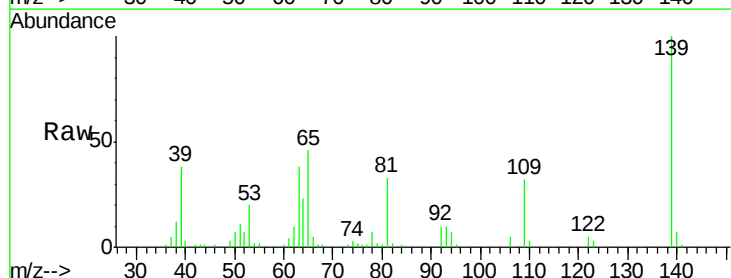
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

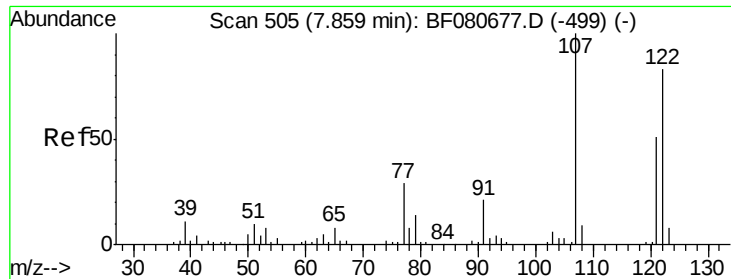
Tgt Ion: 82 Resp: 189634  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.2 9.2  
138 18.2 15.8 23.6



#26  
2-Nitrophenol  
Concen: 43.45 ng  
RT: 7.82 min Scan# 502  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion: 139 Resp: 43853  
Ion Ratio Lower Upper  
139 100  
109 32.5 24.2 36.2  
65 45.9 35.0 52.6

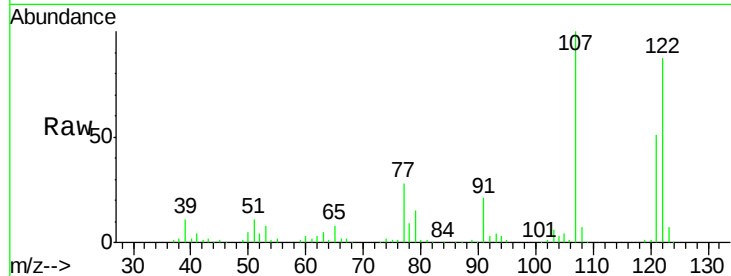




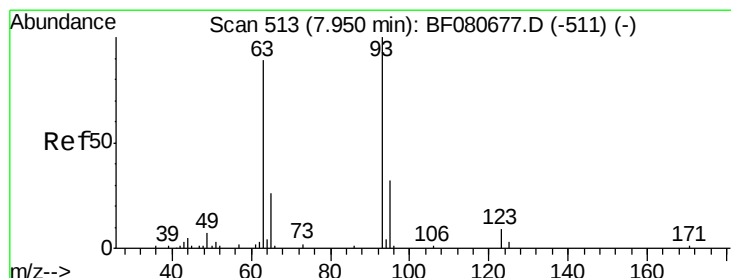
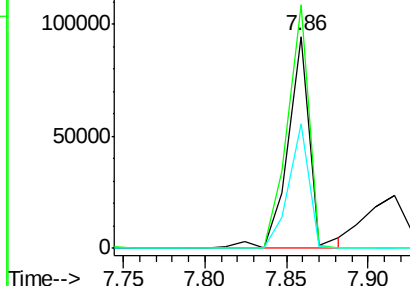
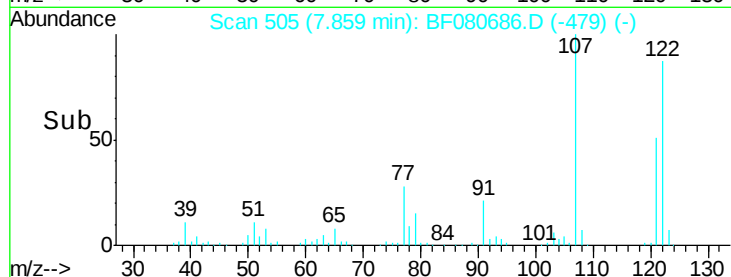
#27  
 2,4-Dimethylphenol  
 Concen: 45.18 ng  
 RT: 7.86 min Scan# 505  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:122 Resp: 88270  
 Ion Ratio Lower Upper  
 122 100  
 107 114.9 95.8 143.8  
 121 58.5 49.0 73.4

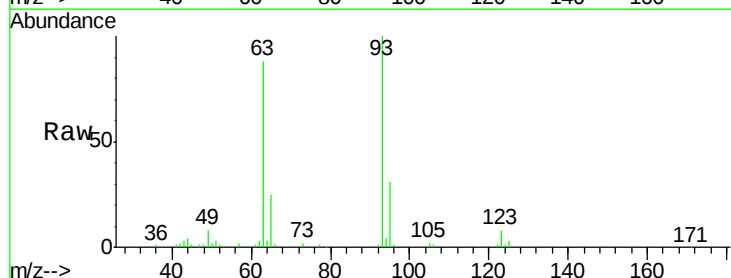


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

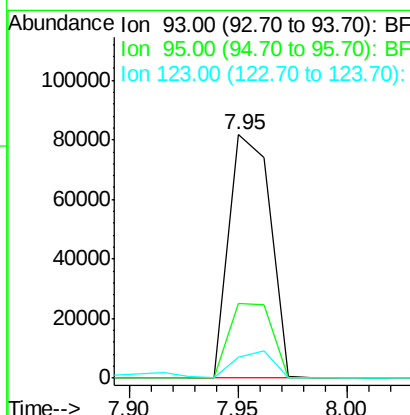
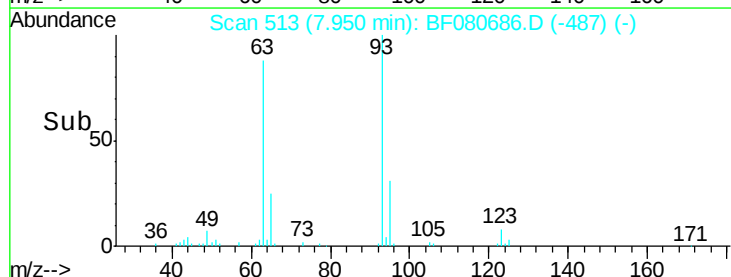


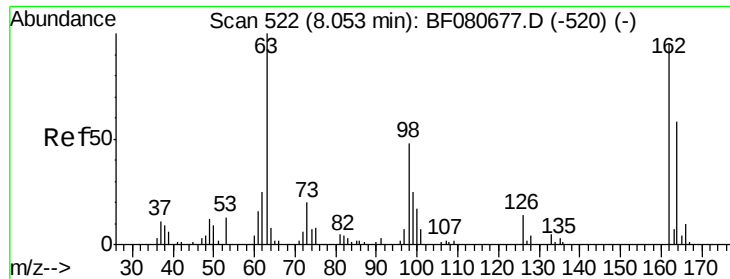
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.85 ng  
 RT: 7.95 min Scan# 513  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion: 93 Resp: 107054  
 Ion Ratio Lower Upper  
 93 100  
 95 30.9 25.3 37.9  
 123 8.4 7.0 10.4



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

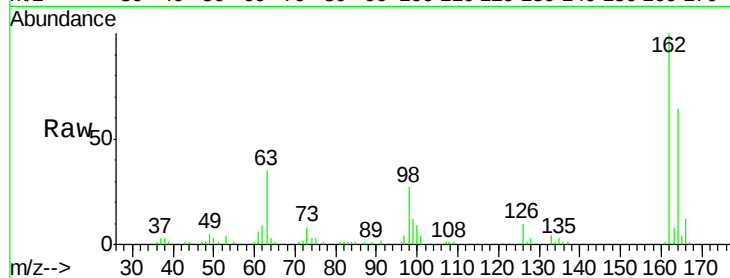




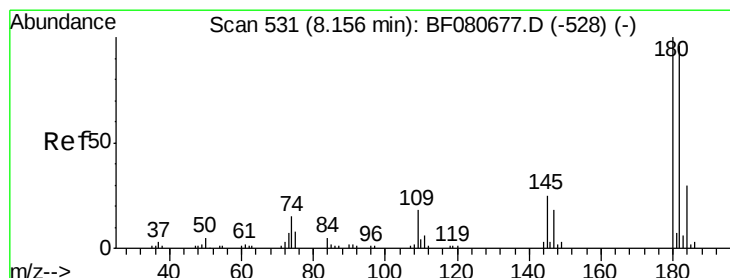
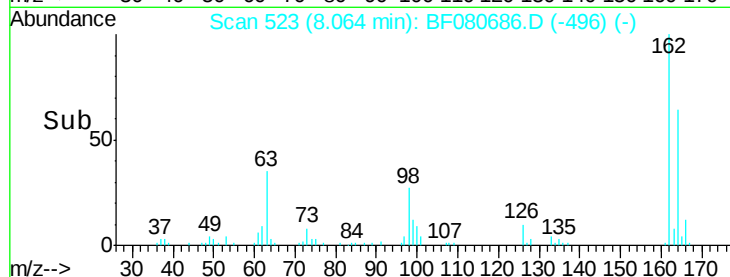
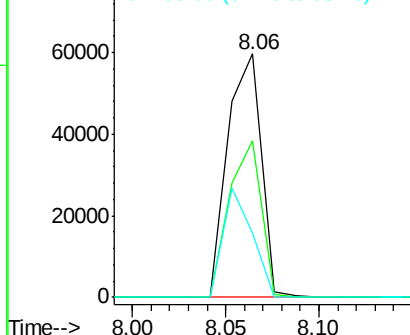
#29  
 2,4-Dichlorophenol  
 Concen: 45.72 ng  
 RT: 8.06 min Scan# 523  
 Delta R.T. 0.01 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:162 Resp: 74969  
 Ion Ratio Lower Upper  
 162 100  
 164 64.1 41.2 81.2  
 98 26.7 30.4 70.4#

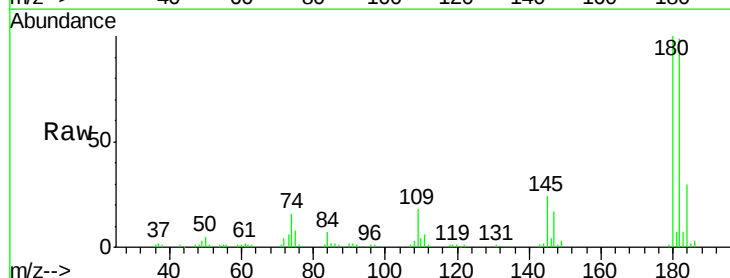


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

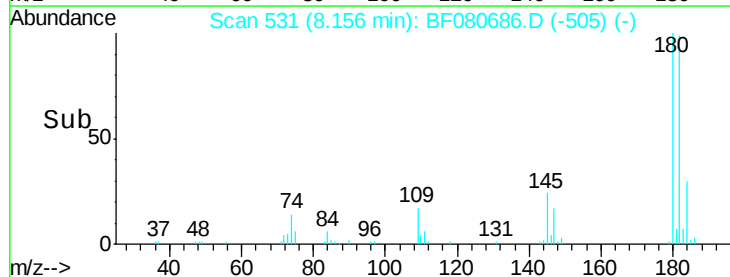
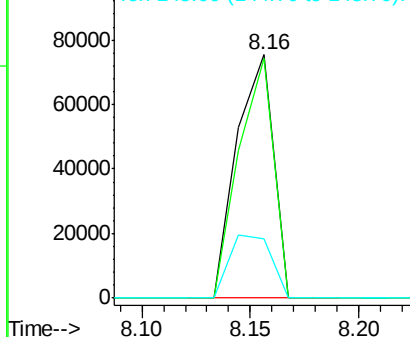


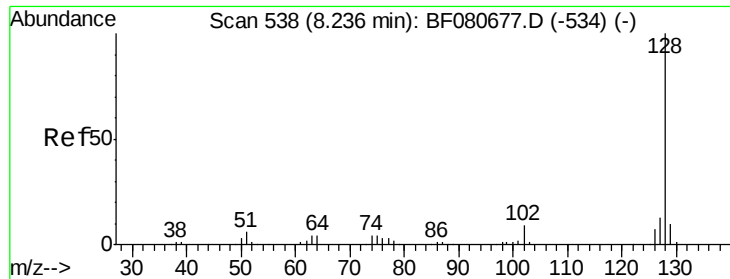
#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.32 ng  
 RT: 8.16 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:180 Resp: 88166  
 Ion Ratio Lower Upper  
 180 100  
 182 98.6 77.1 115.7  
 145 24.3 20.0 30.0



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

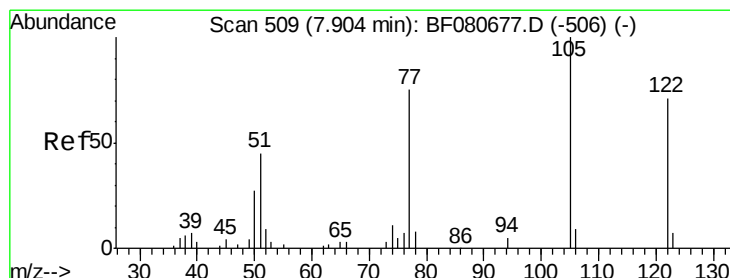
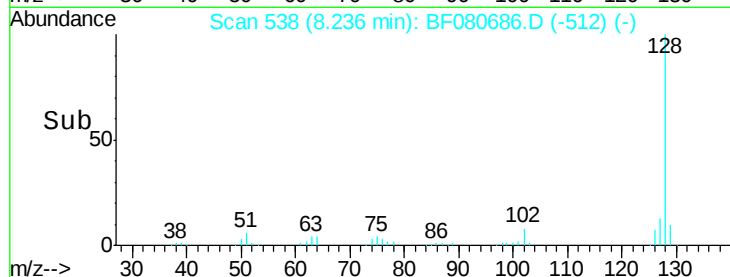
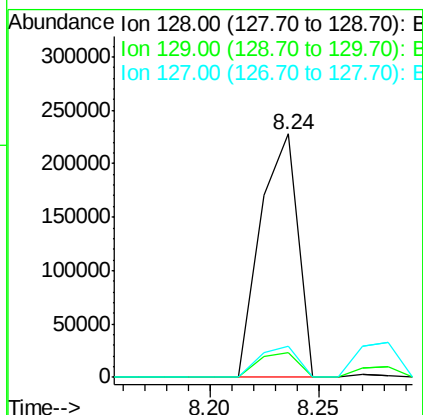
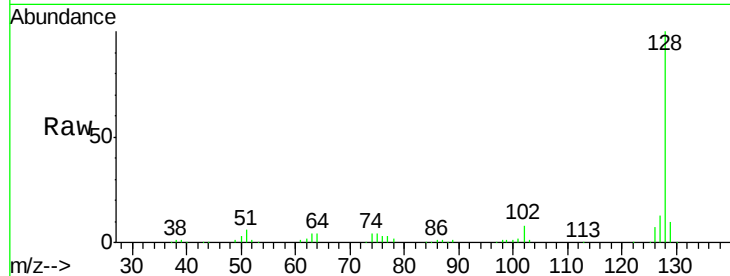




#31  
Naphthalene  
Concen: 42.64 ng  
RT: 8.24 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

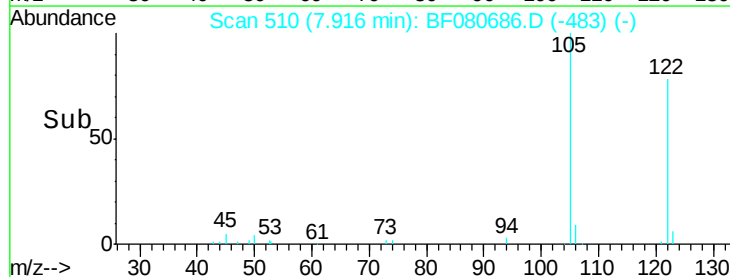
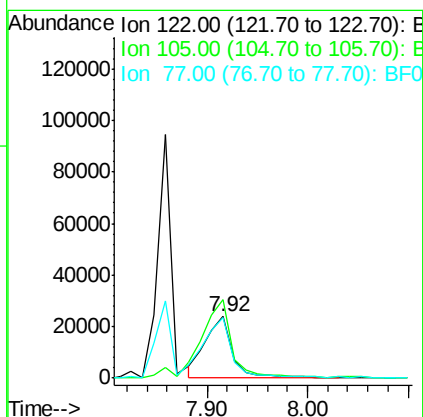
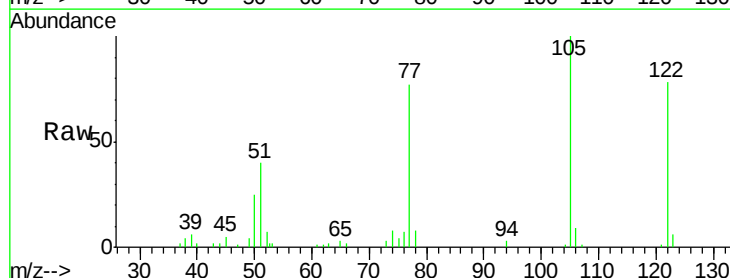
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

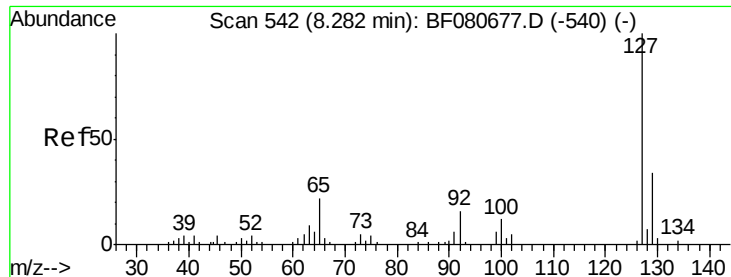
Tgt Ion:128 Resp: 274019  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.3 12.5  
127 12.7 10.5 15.7



#32  
Benzoic acid  
Concen: 47.99 ng  
RT: 7.92 min Scan# 510  
Delta R.T. 0.01 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:122 Resp: 45761  
Ion Ratio Lower Upper  
122 100  
105 128.4 117.6 157.6  
77 98.2 86.6 126.6

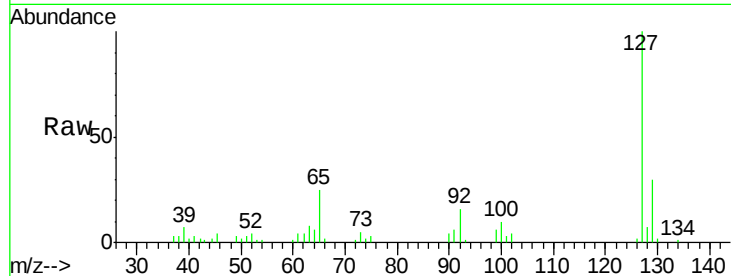




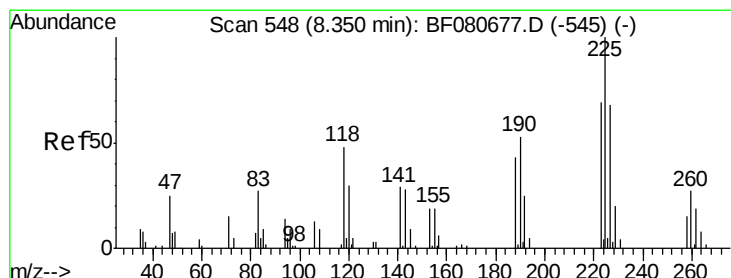
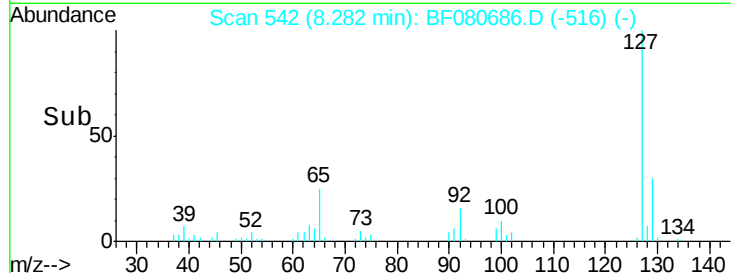
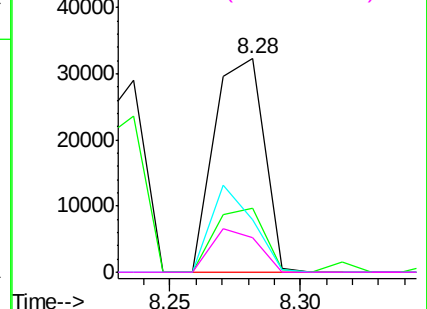
#33  
4-Chloroaniline  
Concen: 18.64 ng  
RT: 8.28 min Scan# 542  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 42885 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.9  | 26.8  | 40.2  |
| 65       | 24.6  | 17.6  | 26.4  |
| 92       | 16.2  | 13.0  | 19.6  |

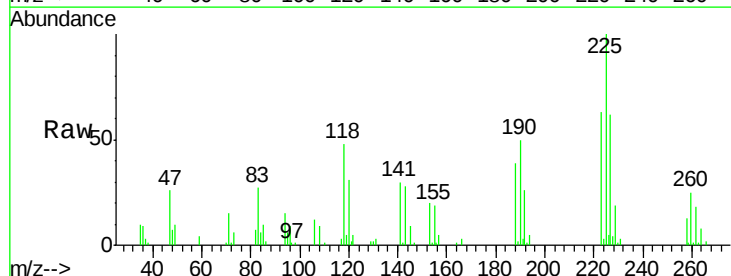


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

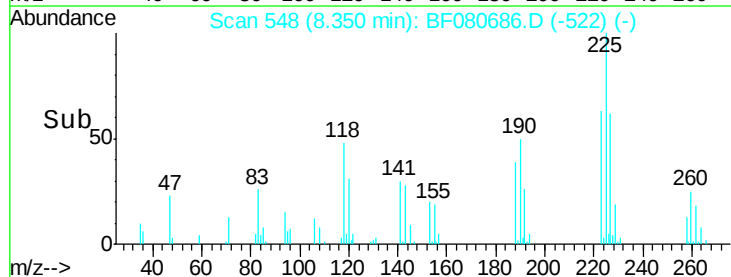
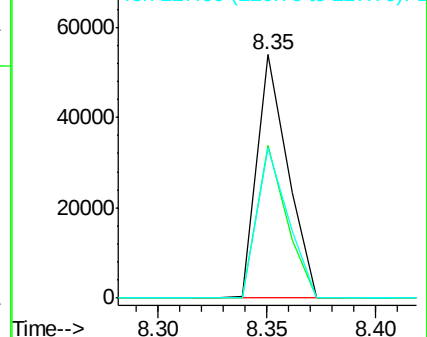


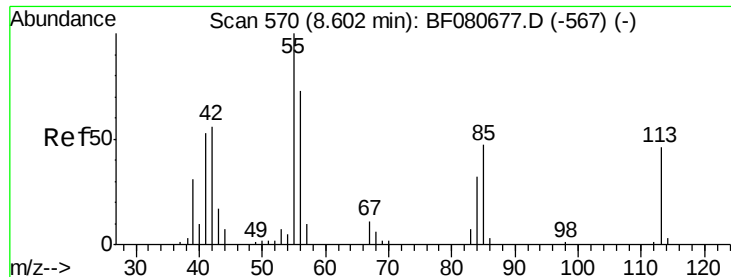
#34  
Hexachlorobutadiene  
Concen: 40.68 ng  
RT: 8.35 min Scan# 548  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 53153 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.5  | 55.0  | 82.6  |
| 227      | 61.9  | 54.0  | 81.0  |



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

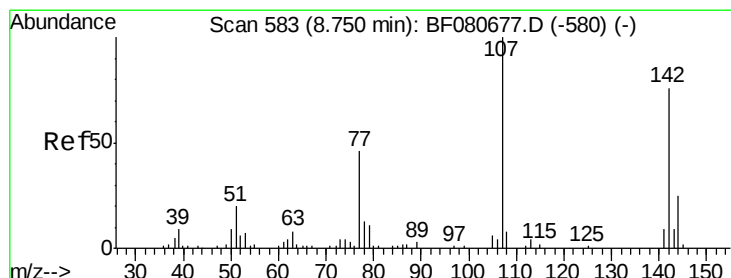
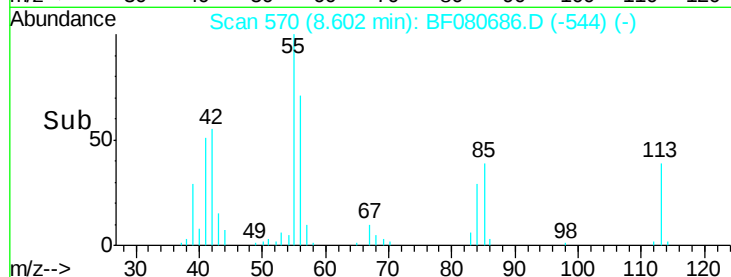
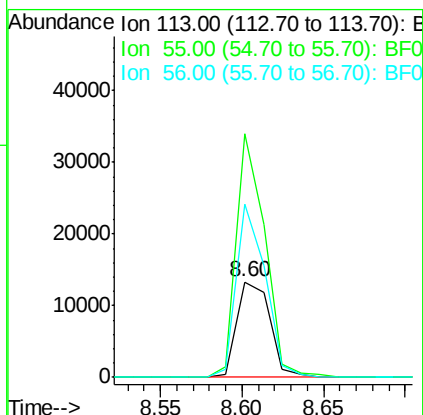
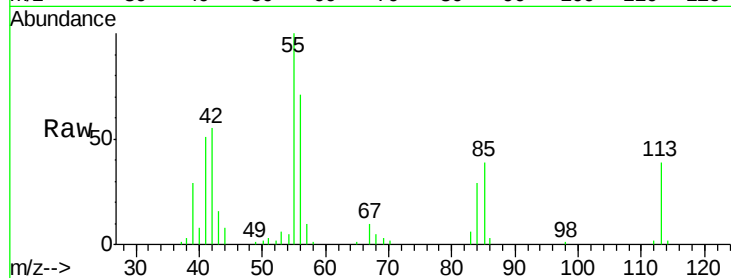




#35  
 Caprolactam  
 Concen: 54.97 ng  
 RT: 8.60 min Scan# 570  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

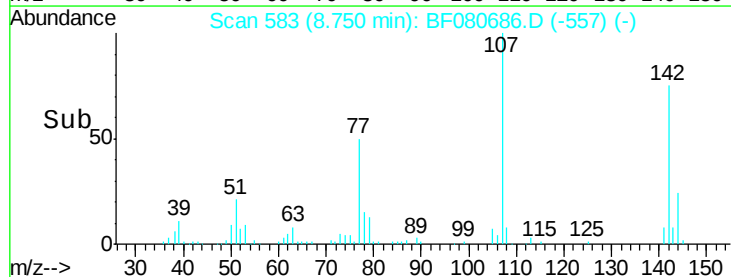
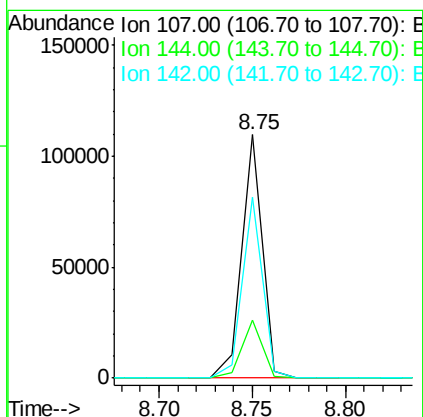
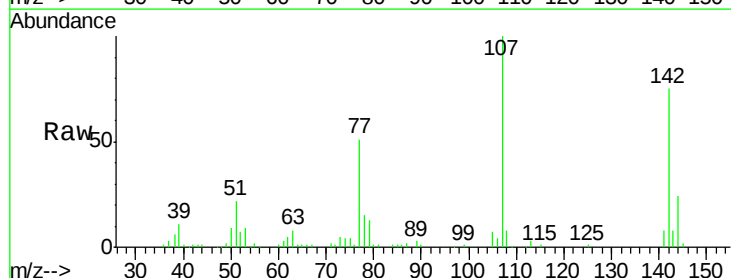
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

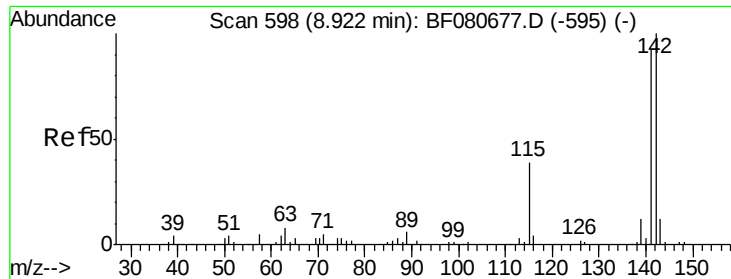
Tgt Ion:113 Resp: 18585  
 Ion Ratio Lower Upper  
 113 100  
 55 254.2 198.5 238.5#  
 56 180.7 139.5 179.5#



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.20 ng  
 RT: 8.75 min Scan# 583  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:107 Resp: 84809  
 Ion Ratio Lower Upper  
 107 100  
 144 24.0 20.0 30.0  
 142 74.5 61.0 91.6

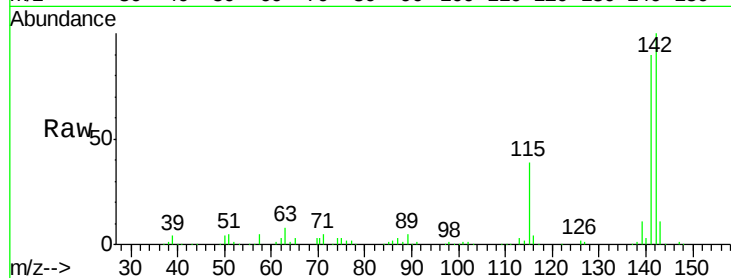




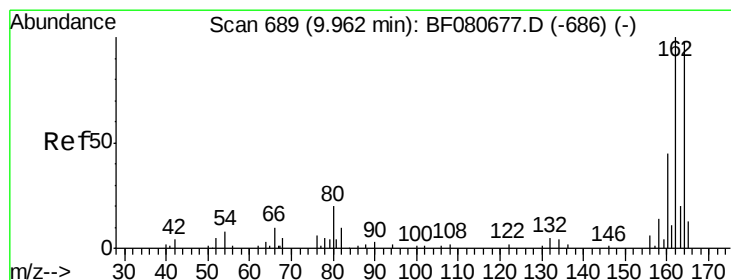
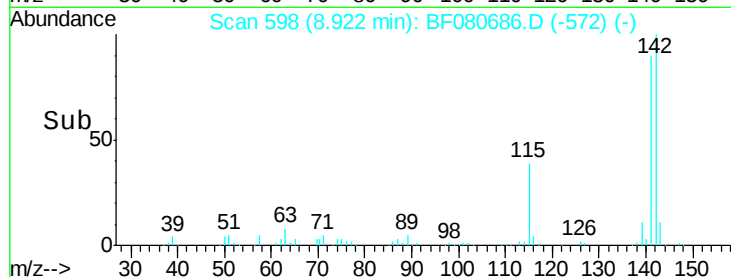
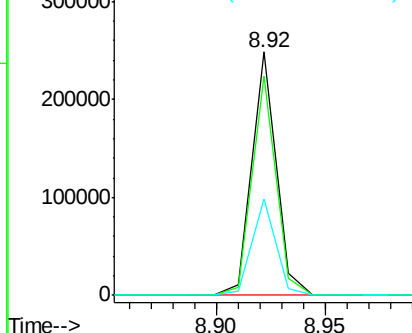
#37  
 2-Methylnaphthalene  
 Concen: 47.29 ng  
 RT: 8.92 min Scan# 598  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:142 Resp: 193749  
 Ion Ratio Lower Upper  
 142 100  
 141 90.2 73.4 110.0  
 115 39.3 31.0 46.4

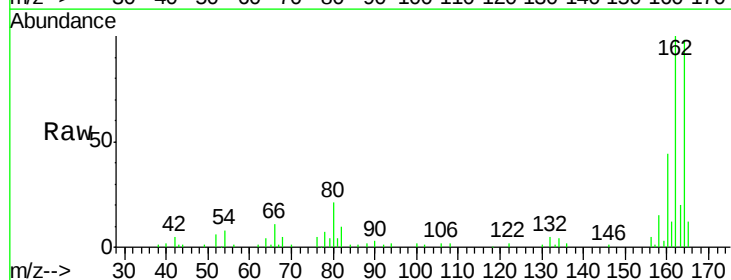


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

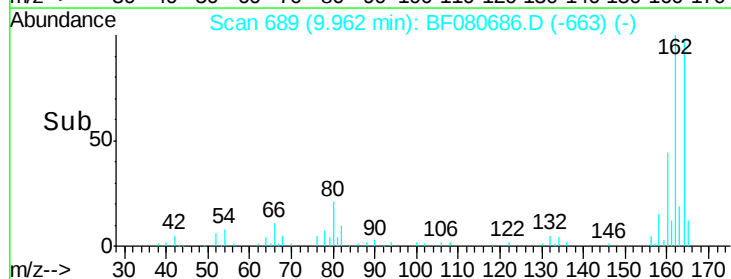
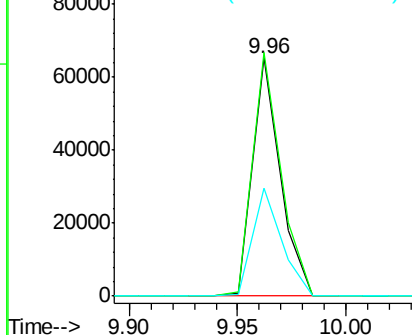


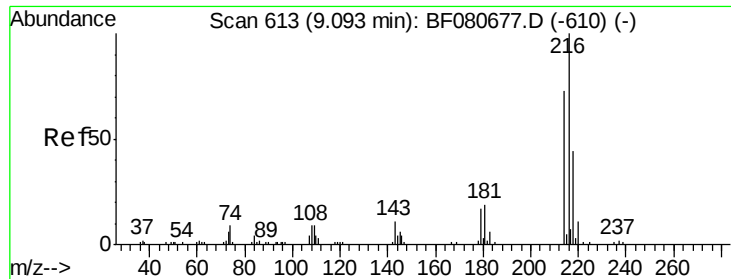
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.96 min Scan# 689  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:164 Resp: 57704  
 Ion Ratio Lower Upper  
 164 100  
 162 102.3 82.0 123.0  
 160 45.3 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.92 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

Tgt Ion:216 Resp: 84709

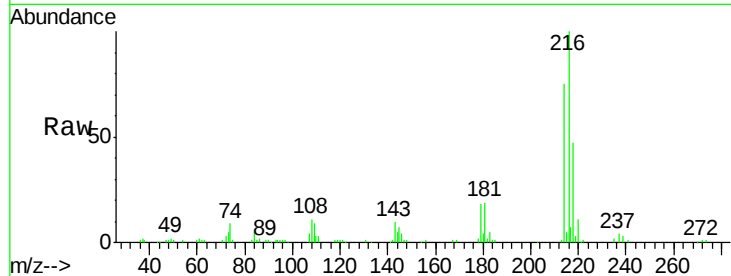
Ion Ratio Lower Upper

216 100

214 76.8 61.6 92.4

179 21.1 17.4 26.0

108 22.1 16.2 24.2

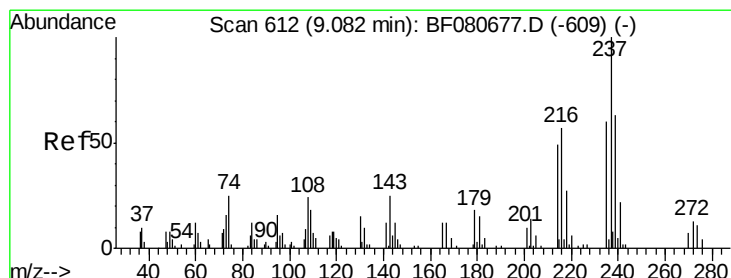
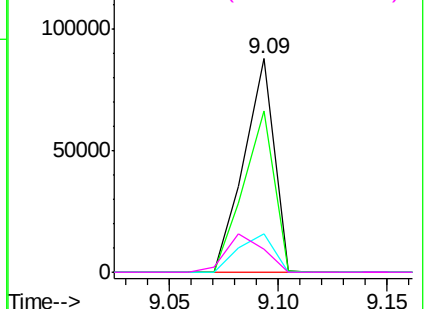
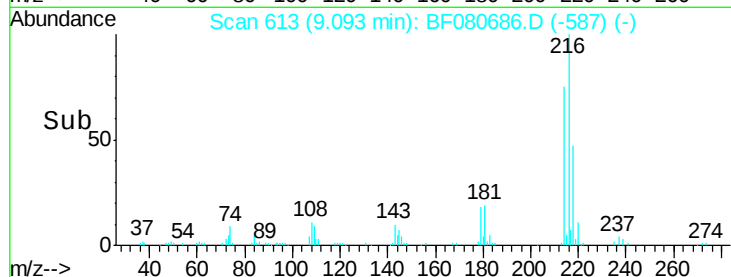


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.04 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

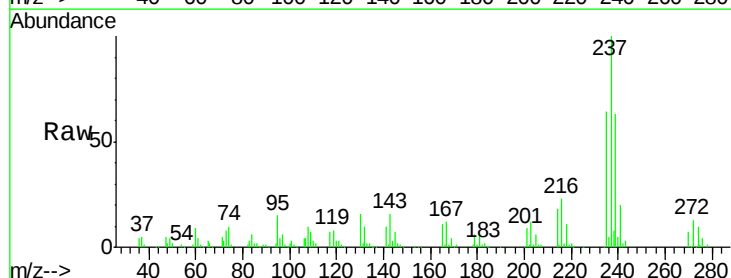
Tgt Ion:237 Resp: 121175

Ion Ratio Lower Upper

237 100

235 63.6 40.5 80.5

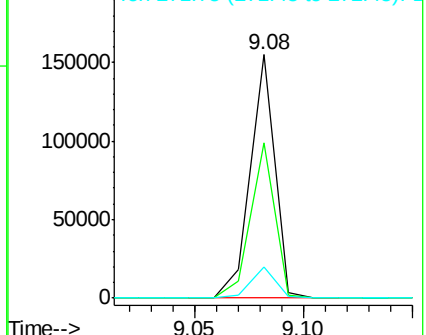
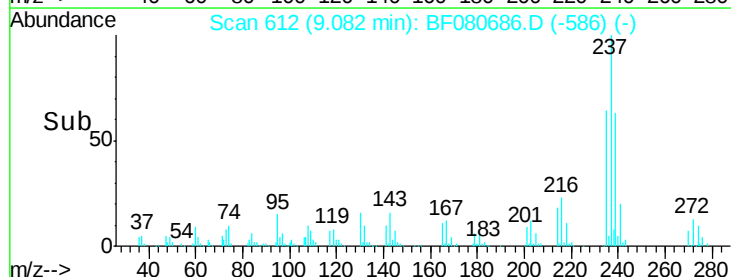
272 12.5 0.0 33.5

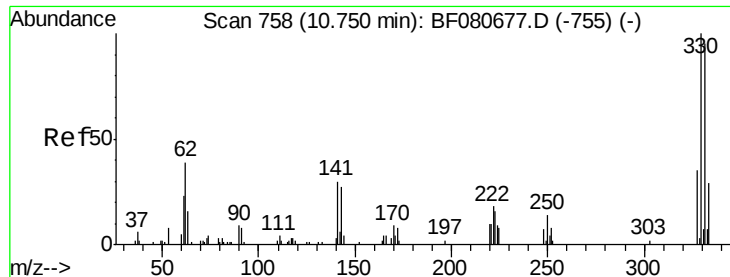


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

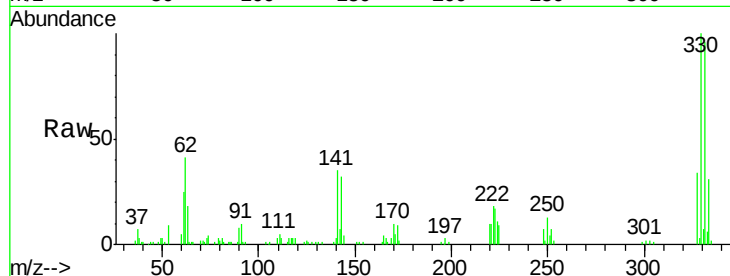




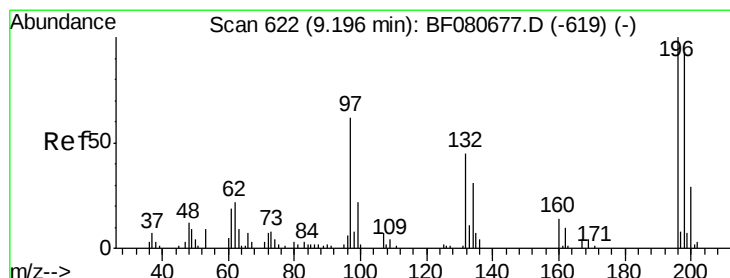
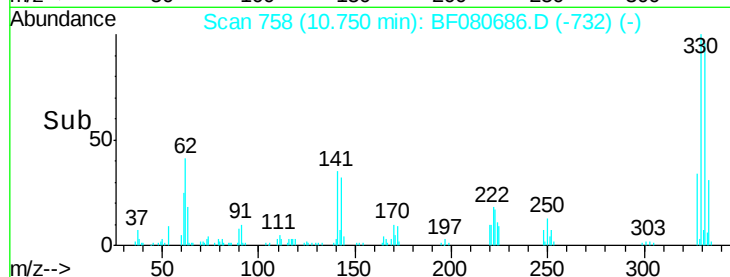
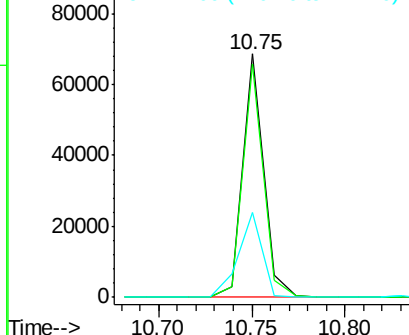
#41  
 2,4,6-Tribromophenol  
 Concen: 105.18 ng  
 RT: 10.75 min Scan# 758  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:330 Resp: 53669  
 Ion Ratio Lower Upper  
 330 100  
 332 94.0 76.9 115.3  
 141 39.2 30.6 45.8

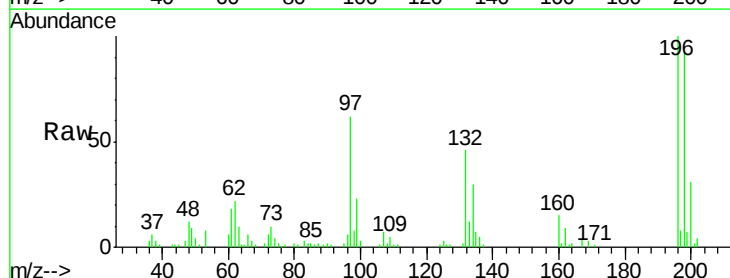


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

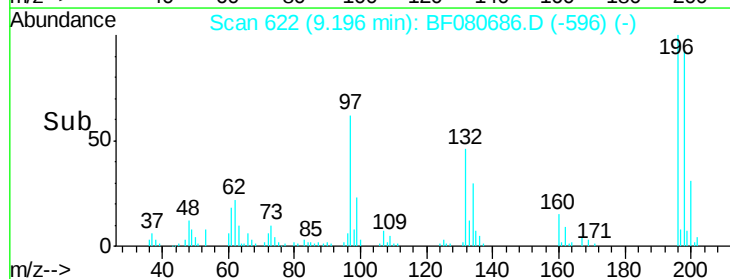
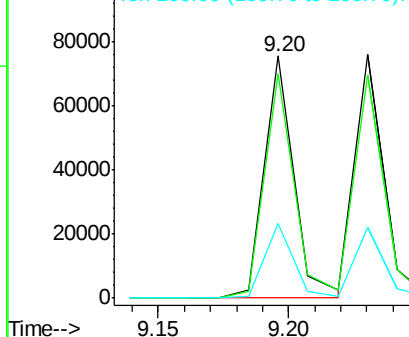


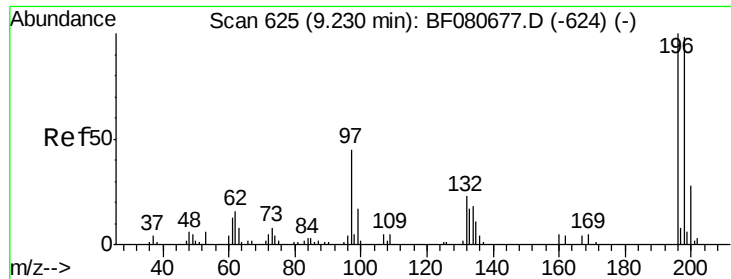
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.04 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:196 Resp: 59961  
 Ion Ratio Lower Upper  
 196 100  
 198 92.9 74.4 111.6  
 200 30.8 23.6 35.4



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

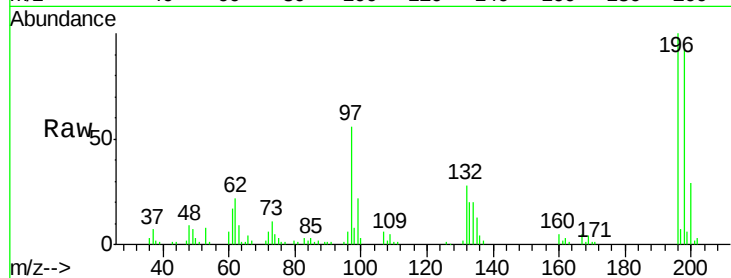




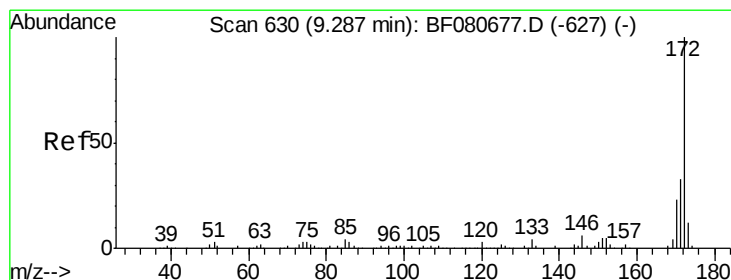
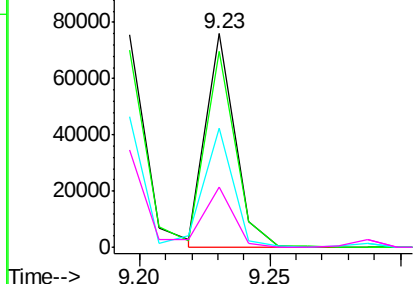
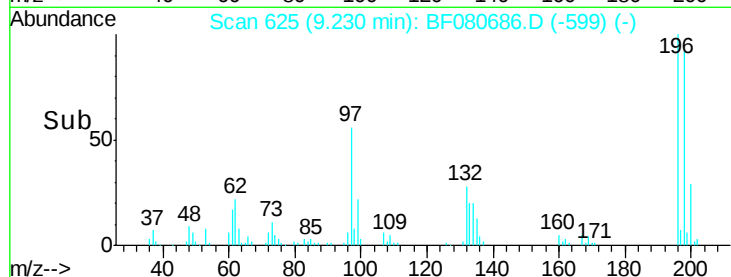
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.60 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:196 Resp: 58698  
 Ion Ratio Lower Upper  
 196 100  
 198 91.7 77.3 115.9  
 97 55.7 39.6 59.4  
 132 28.4 20.7 31.1

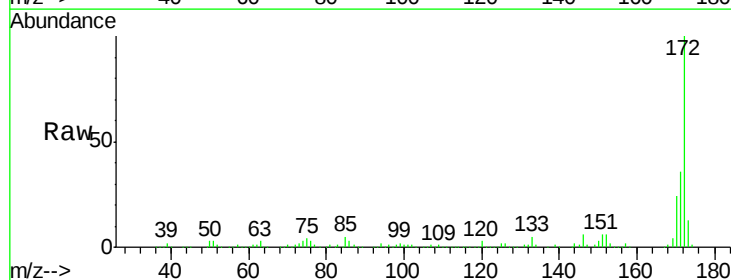


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

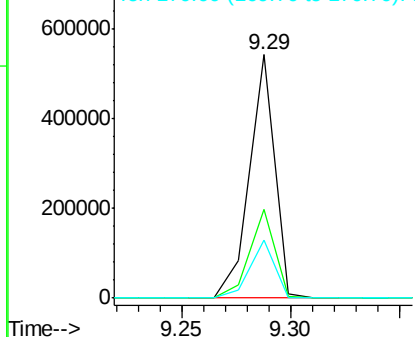
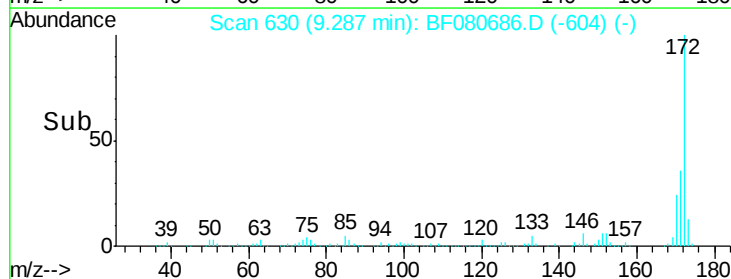


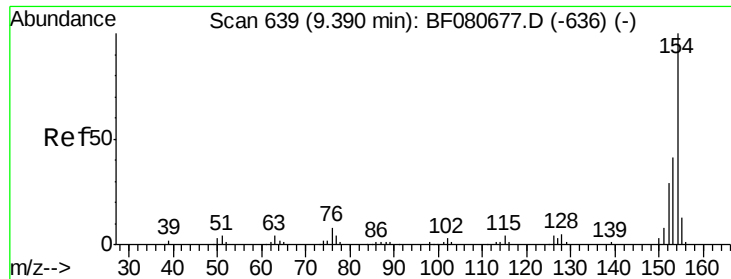
#44  
 2-Fluorobiphenyl  
 Concen: 94.46 ng  
 RT: 9.29 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:172 Resp: 435513  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 26.6 39.8  
 170 23.7 18.6 28.0



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

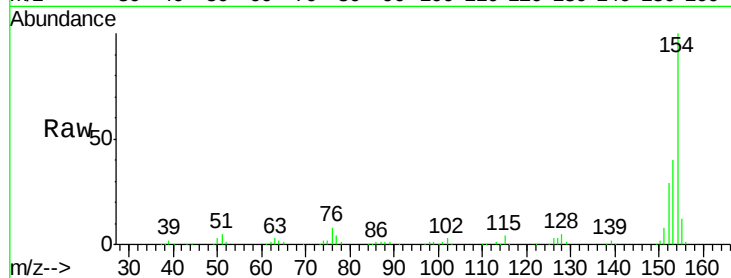




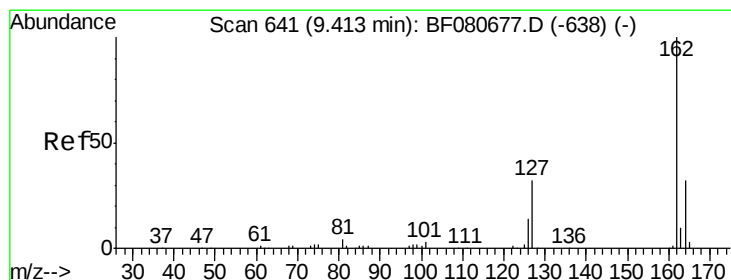
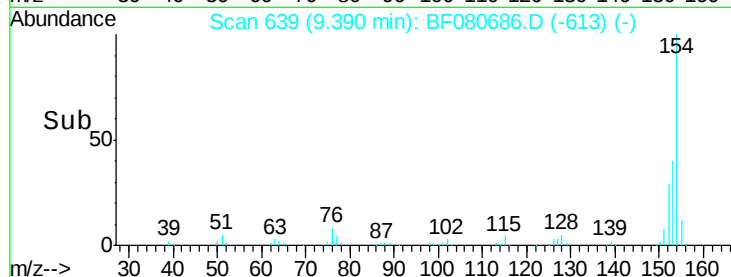
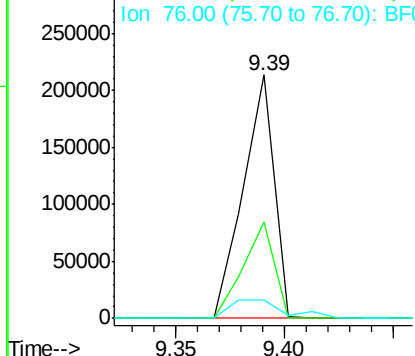
#45  
 1,1'-Biphenyl  
 Concen: 43.00 ng  
 RT: 9.39 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.5  | 21.1  | 61.1  |
| 76      | 7.7   | 0.0   | 28.0  |

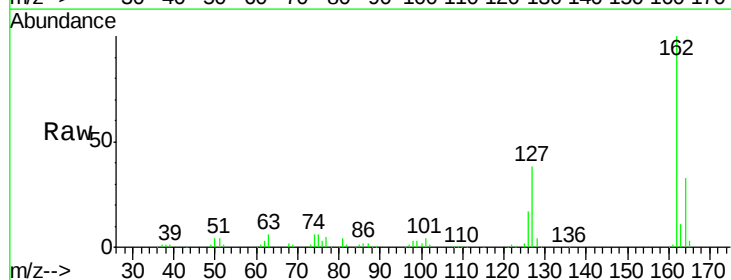


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

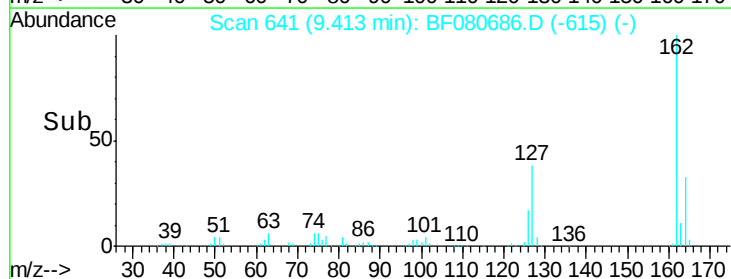
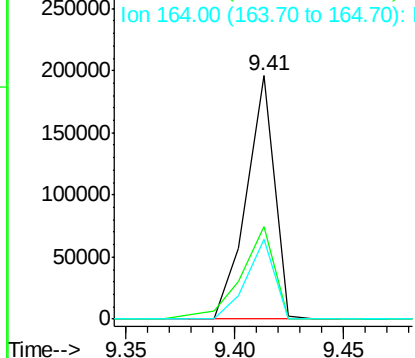


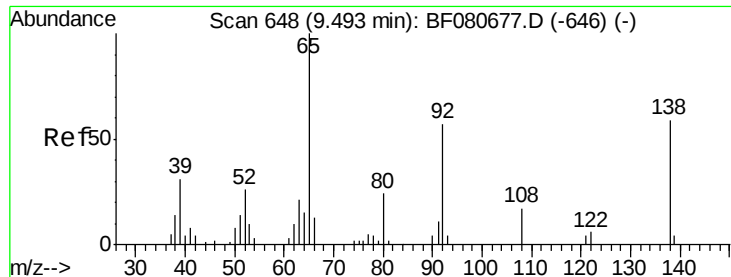
#46  
 2-Chloronaphthalene  
 Concen: 43.14 ng  
 RT: 9.41 min Scan# 641  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.2  | 27.2  | 40.8  |
| 164     | 32.7  | 25.8  | 38.6  |



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

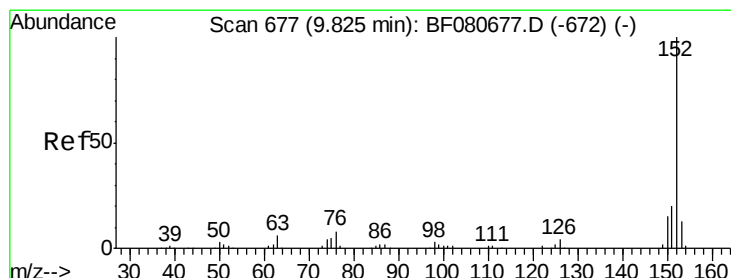
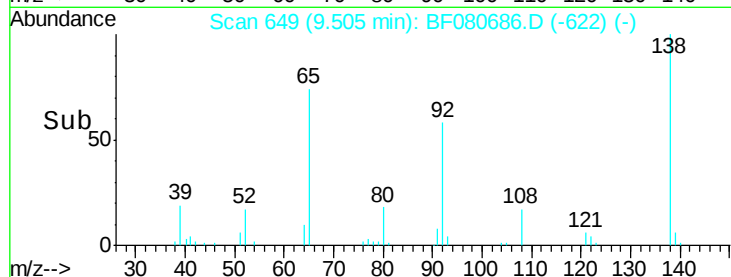
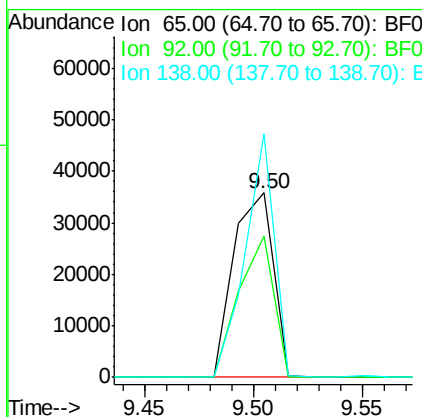
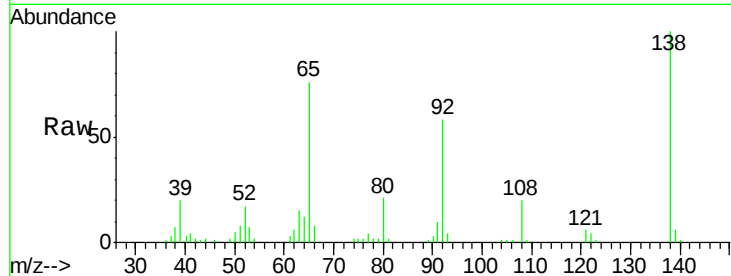




#47  
2-Nitroaniline  
Concen: 47.30 ng  
RT: 9.50 min Scan# 649  
Delta R.T. 0.01 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

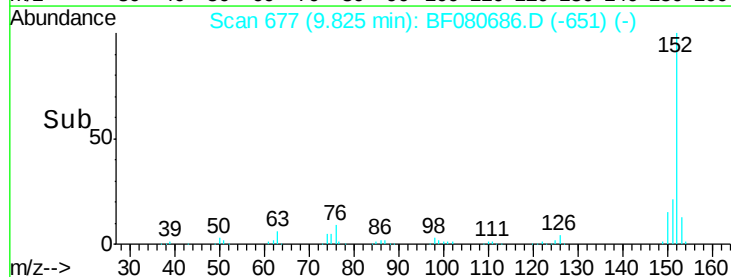
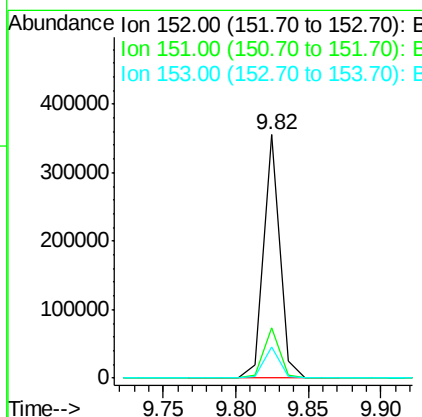
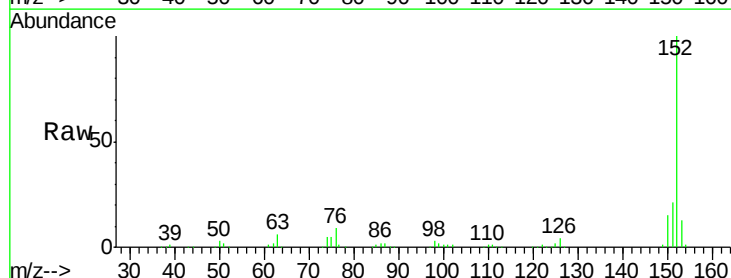
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

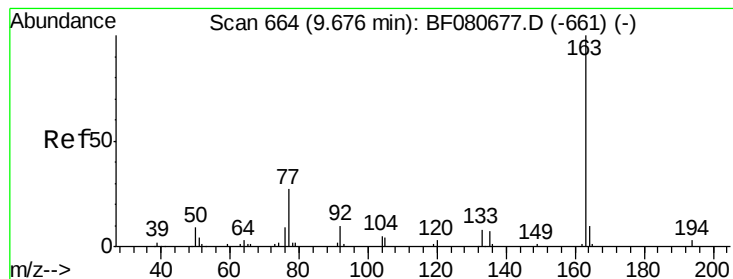
Tgt Ion: 65 Resp: 45379  
Ion Ratio Lower Upper  
65 100  
92 76.7 45.9 68.9#  
138 131.9 47.0 70.4#



#48  
Acenaphthylene  
Concen: 42.89 ng  
RT: 9.82 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion: 152 Resp: 275680  
Ion Ratio Lower Upper  
152 100  
151 20.6 15.7 23.5  
153 12.6 10.2 15.4





#49

Dimethylphthalate

Concen: 45.39 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

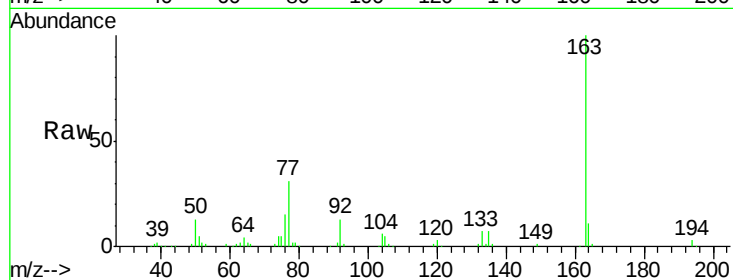
Tgt Ion:163 Resp: 173035

Ion Ratio Lower Upper

163 100

194 2.9 2.4 3.6

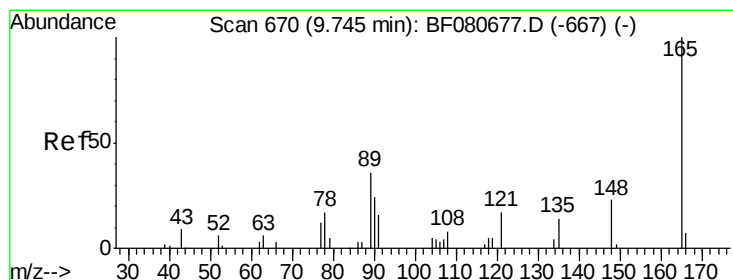
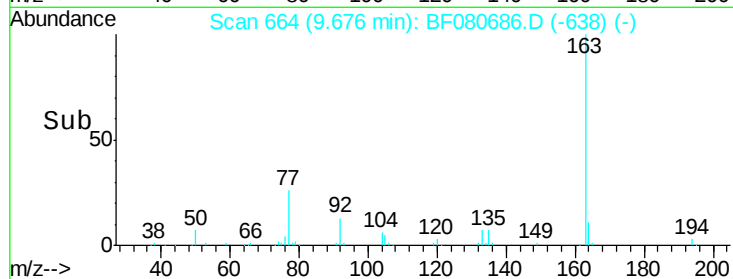
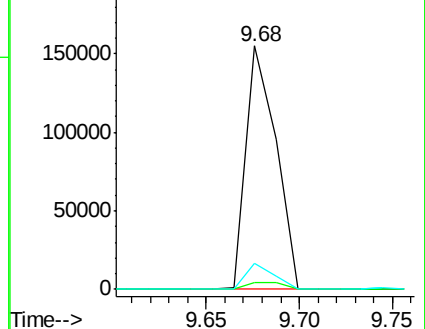
164 10.8 8.1 12.1



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: 51.34 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

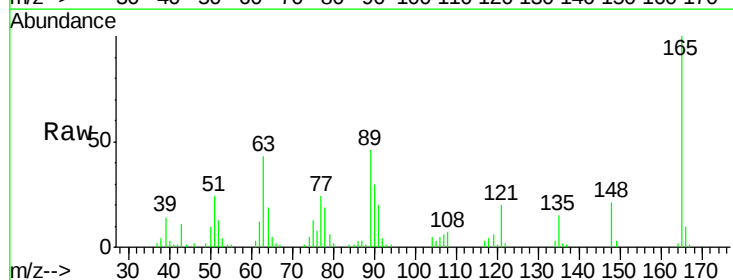
Tgt Ion:165 Resp: 38206

Ion Ratio Lower Upper

165 100

63 43.1 27.1 40.7#

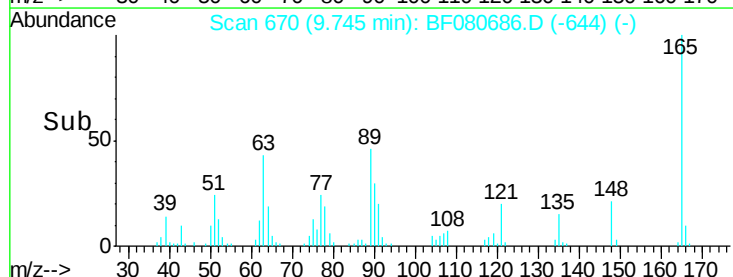
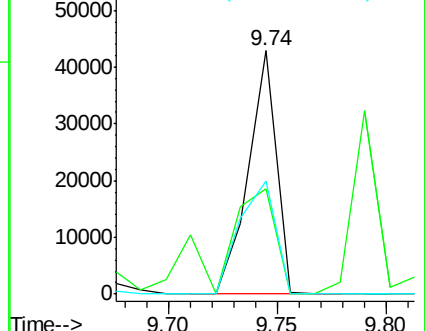
89 46.5 29.0 43.6#

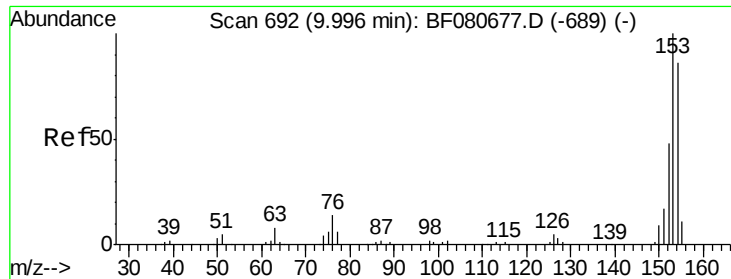


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

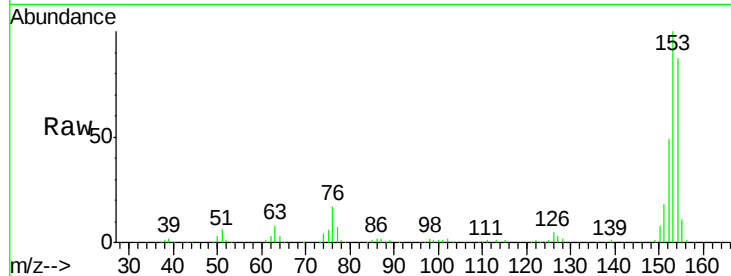




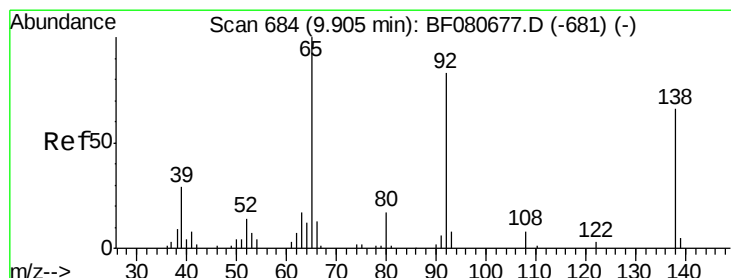
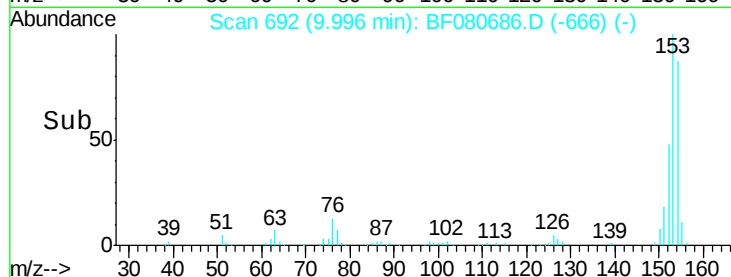
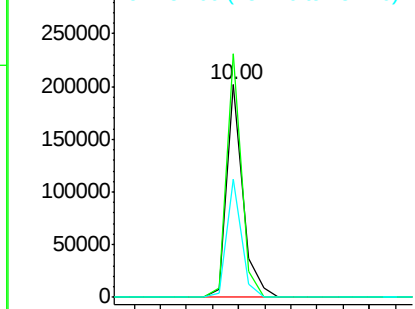
#51  
Acenaphthene  
Concen: 46.50 ng  
RT: 10.00 min Scan# 692  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

Tgt Ion:154 Resp: 175931  
Ion Ratio Lower Upper  
154 100  
153 114.5 92.8 139.2  
152 55.7 44.6 66.8

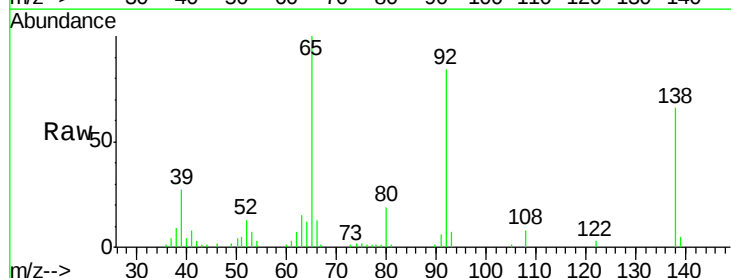


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

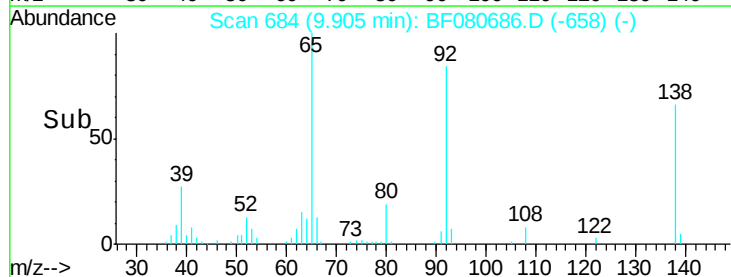
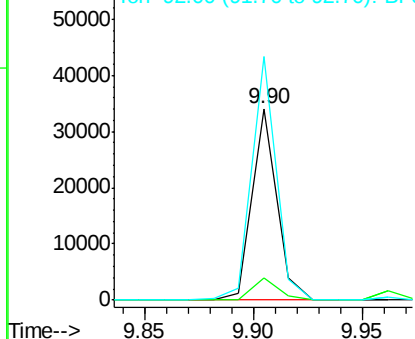


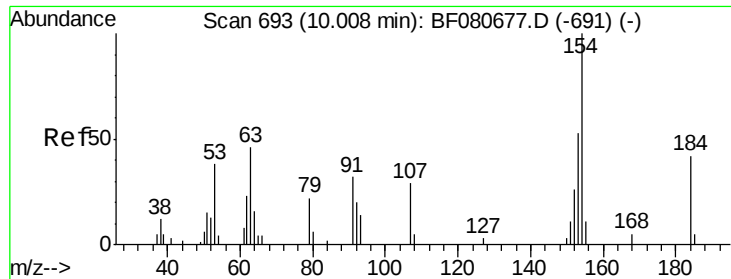
#52  
3-Nitroaniline  
Concen: 31.70 ng  
RT: 9.90 min Scan# 684  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:138 Resp: 26902  
Ion Ratio Lower Upper  
138 100  
108 11.7 10.3 15.5  
92 127.2 100.6 151.0



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

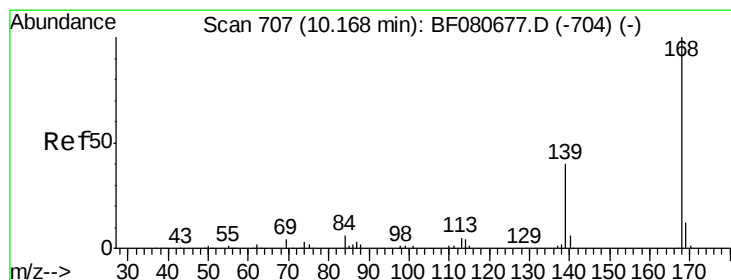
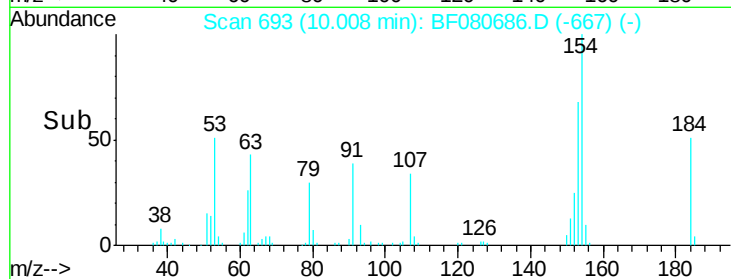
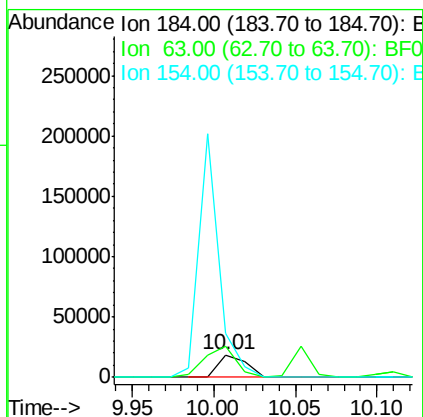
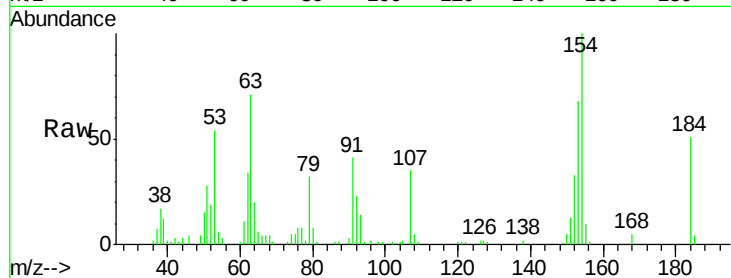




#53  
2,4-Dinitrophenol  
Concen: 115.26 ng  
RT: 10.01 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

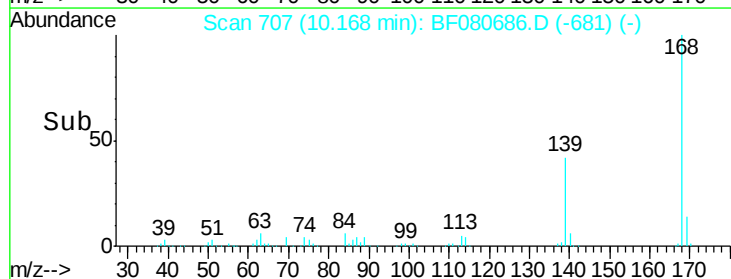
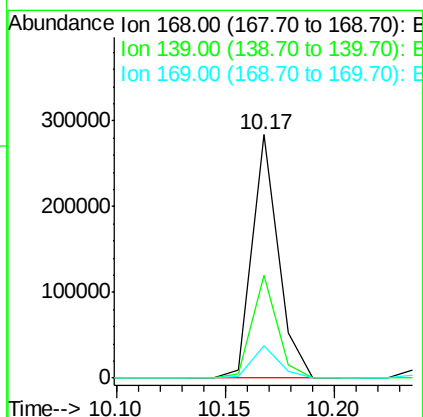
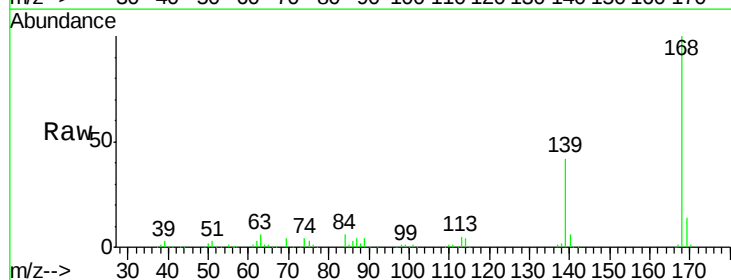
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

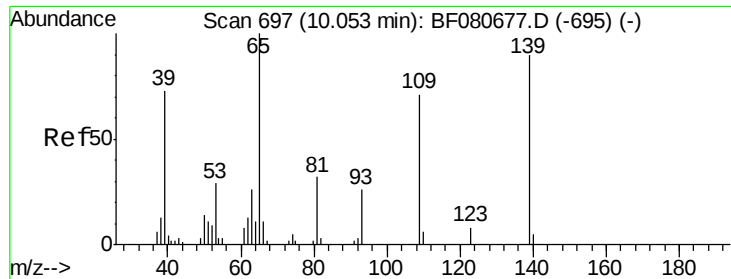
Tgt Ion:184 Resp: 22359  
Ion Ratio Lower Upper  
184 100  
63 140.5 104.5 156.7  
154 197.9 276.3 414.5#



#54  
Dibenzofuran  
Concen: 45.92 ng  
RT: 10.17 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:168 Resp: 237181  
Ion Ratio Lower Upper  
168 100  
139 42.3 31.8 47.8  
169 13.6 9.8 14.6

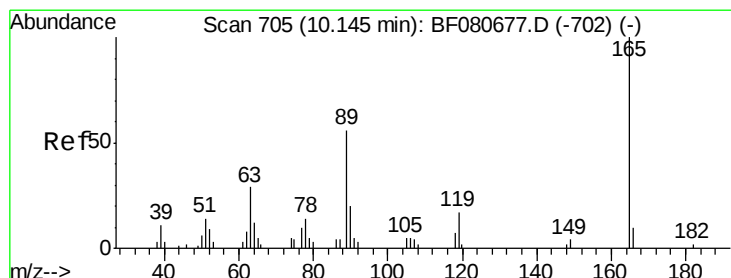
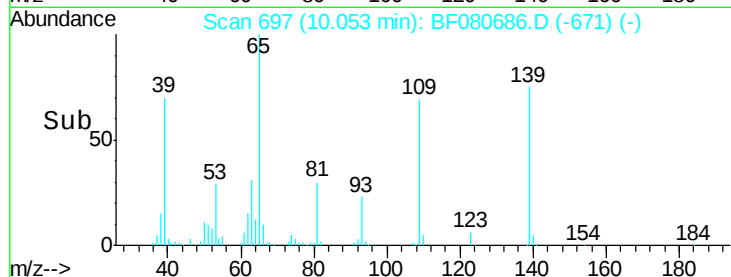
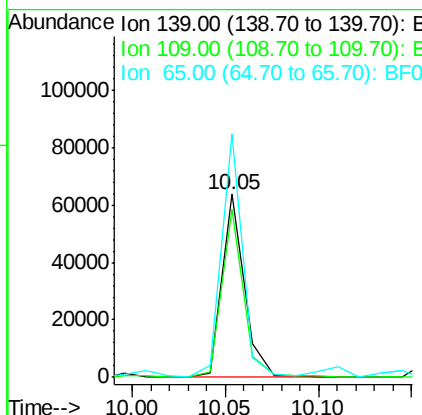
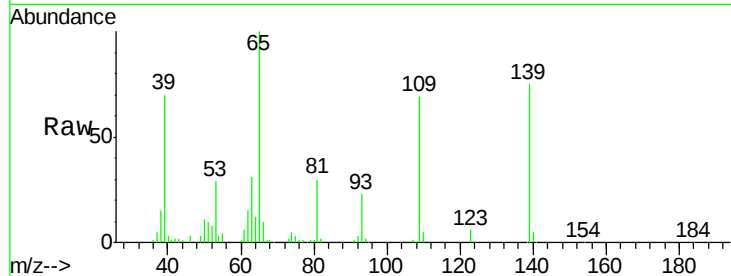




#55  
4-Nitrophenol  
Concen: 93.95 ng  
RT: 10.05 min Scan# 697  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

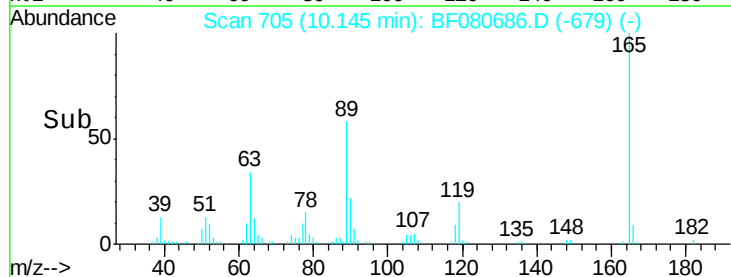
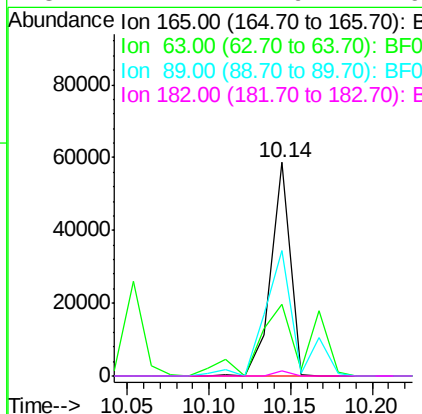
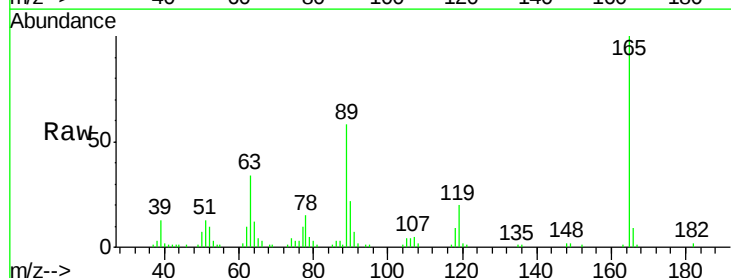
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

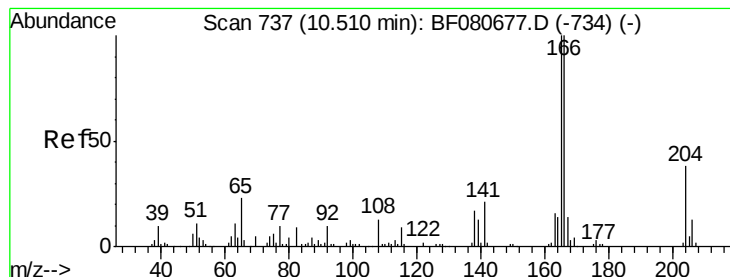
Tgt Ion:139 Resp: 53672  
Ion Ratio Lower Upper  
139 100  
109 91.4 58.4 98.4  
65 132.9 90.5 130.5#



#56  
2,4-Dinitrotoluene  
Concen: 57.30 ng  
RT: 10.14 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:165 Resp: 48687  
Ion Ratio Lower Upper  
165 100  
63 33.6 23.2 34.8  
89 58.5 44.6 67.0  
182 2.4 1.9 2.9





#57

Fluorene

Concen: 46.21 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

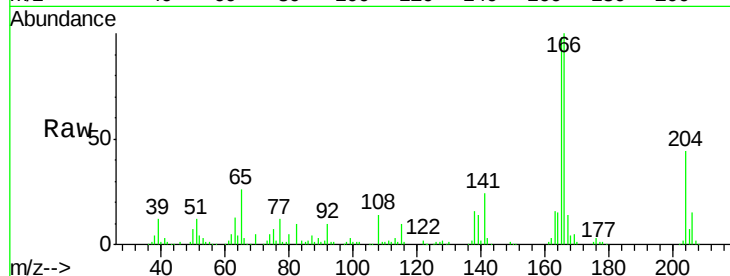
Tgt Ion:166 Resp: 181068

Ion Ratio Lower Upper

166 100

165 97.6 80.2 120.4

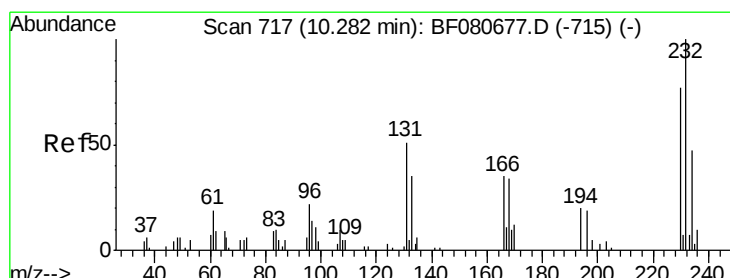
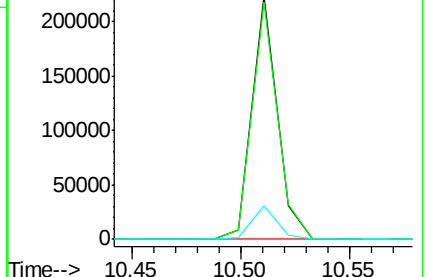
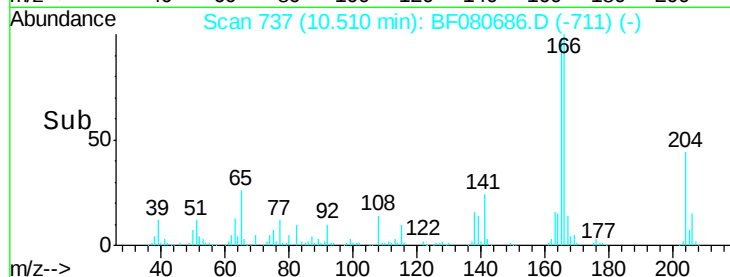
167 13.9 11.0 16.4



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: 49.45 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Tgt Ion:232 Resp: 42592

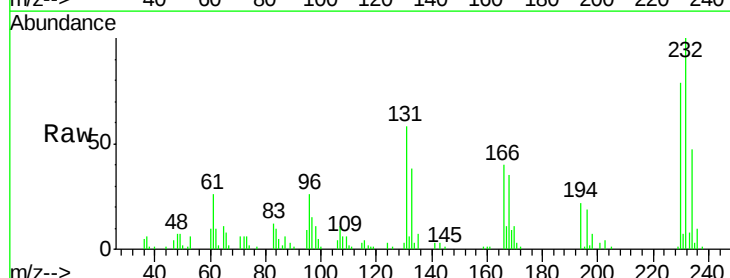
Ion Ratio Lower Upper

232 100

131 52.7 33.4 50.0#

130 2.7 1.5 2.3#

166 37.2 21.9 32.9#

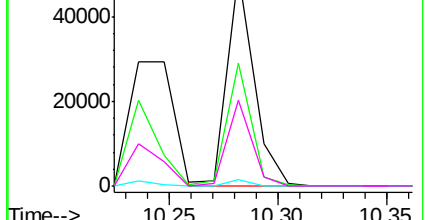
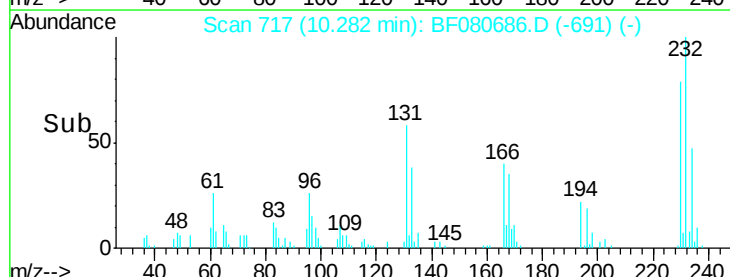


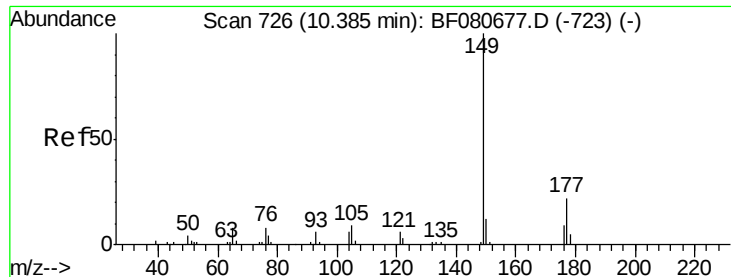
Abundance Ion 232.00 (231.70 to 232.70): E

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

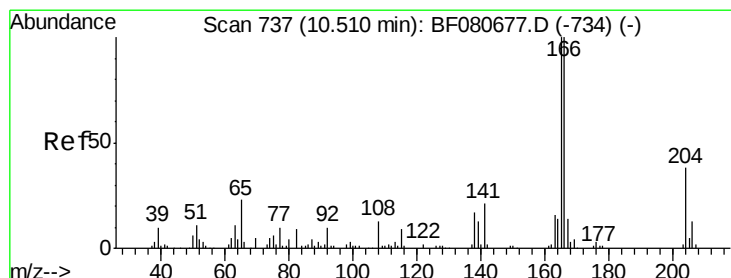
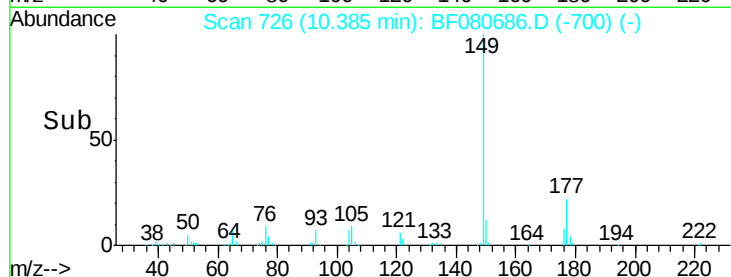
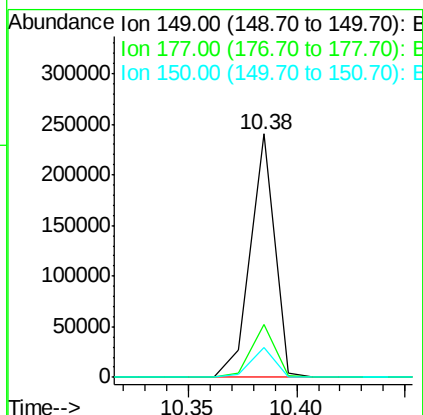
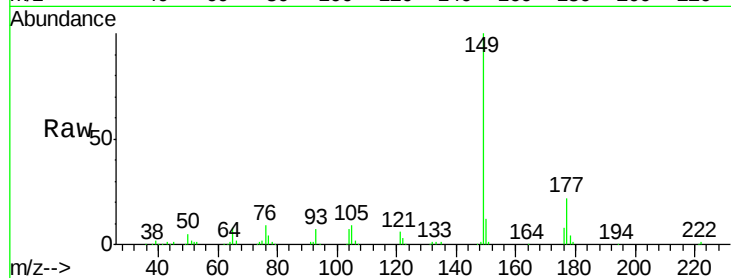




#59  
Diethylphthalate  
Concen: 51.92 ng  
RT: 10.38 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

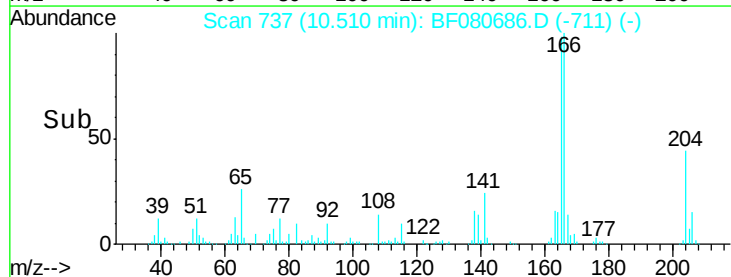
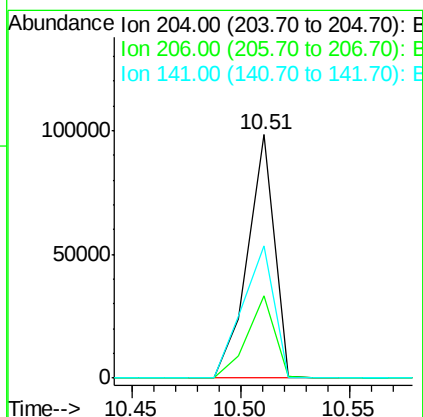
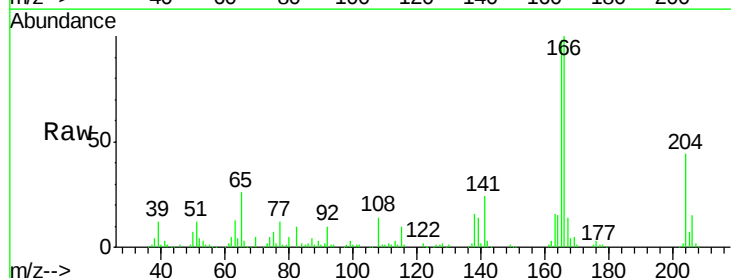
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

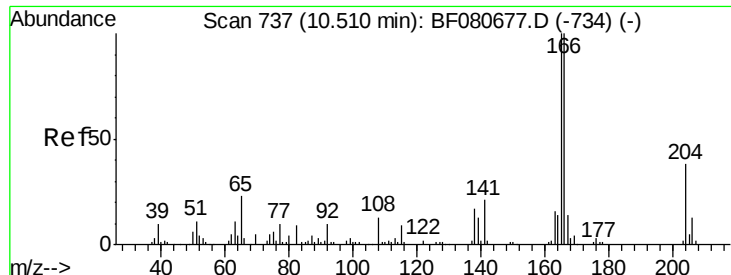
Tgt Ion:149 Resp: 186111  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.4 26.2  
150 12.2 9.5 14.3



#60  
4-Chlorophenyl-phenylether  
Concen: 48.95 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:204 Resp: 84330  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.5 39.7  
141 54.5 43.8 65.6

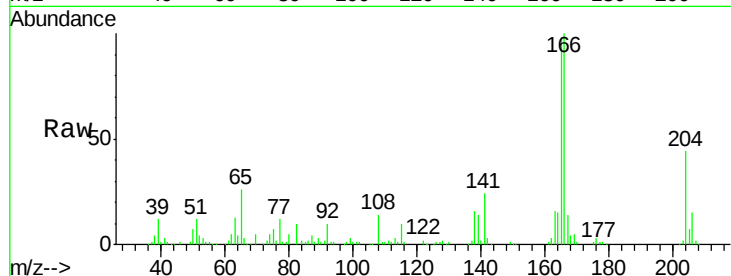




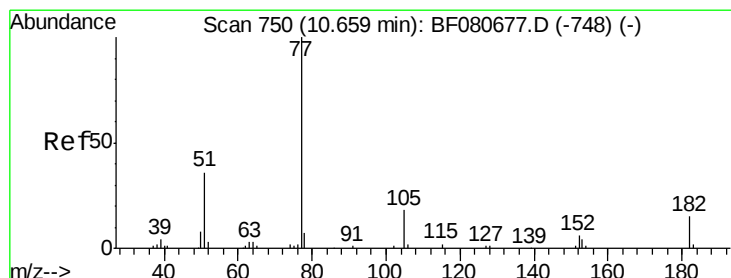
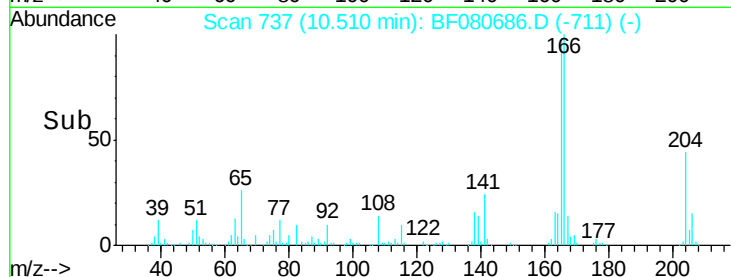
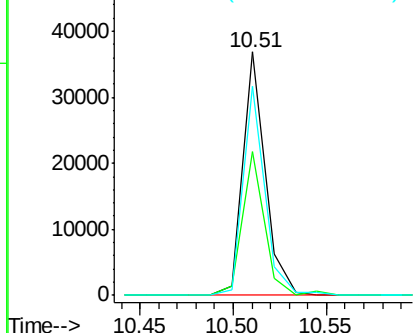
#61  
4-Nitroaniline  
Concen: 42.04 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

Tgt Ion:138 Resp: 30753  
Ion Ratio Lower Upper  
138 100  
92 59.0 38.1 78.1  
108 85.9 59.7 99.7



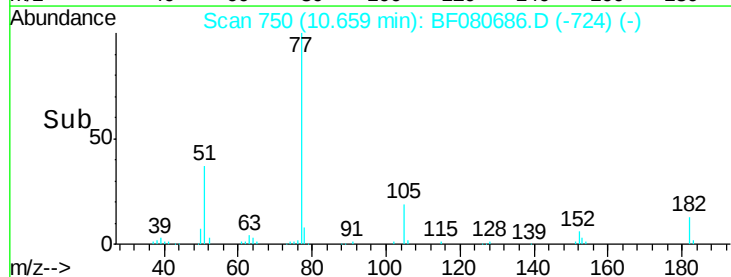
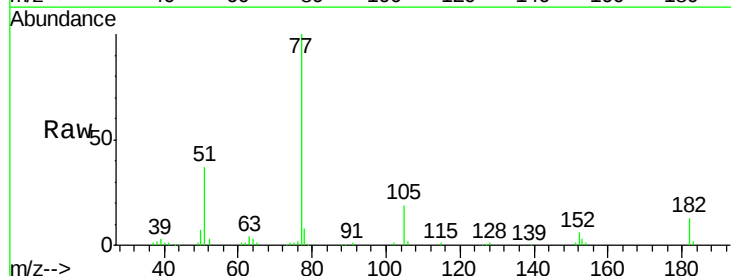
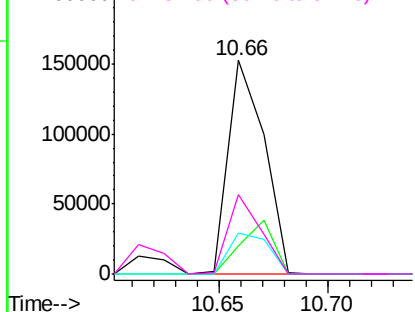
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

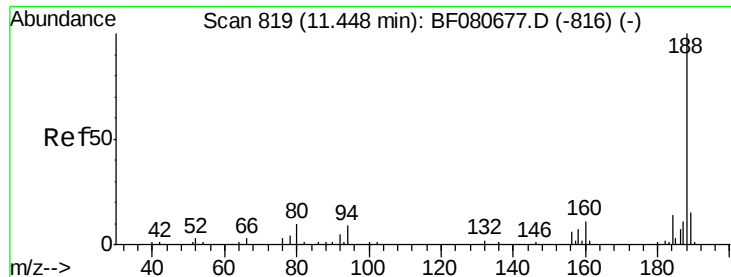


#62  
Azobenzene  
Concen: 49.71 ng  
RT: 10.66 min Scan# 750  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion: 77 Resp: 174313  
Ion Ratio Lower Upper  
77 100  
182 13.4 0.0 34.7  
105 19.1 0.0 37.8  
51 37.0 16.3 56.3

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

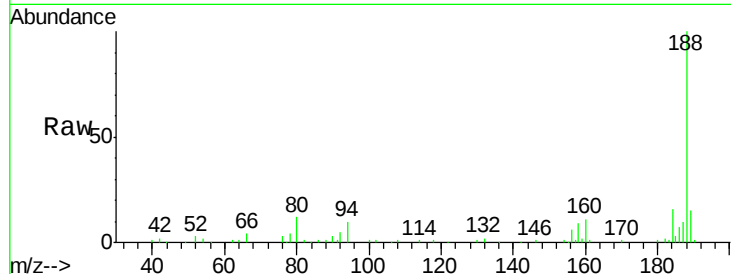




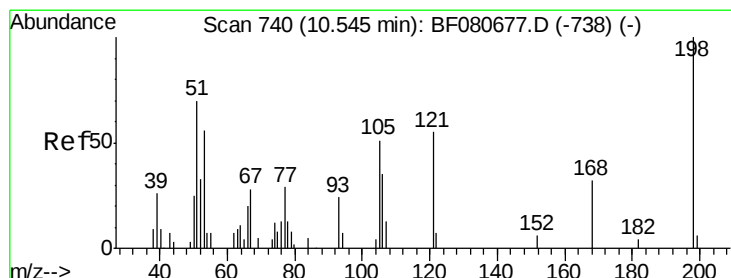
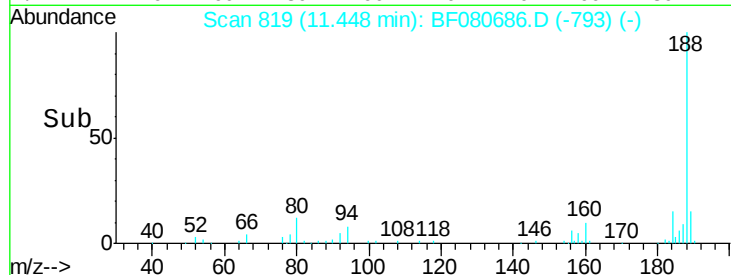
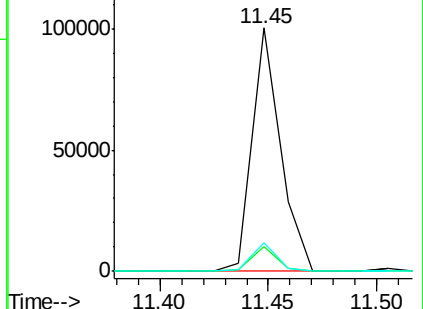
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.45 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:188 Resp: 90903  
 Ion Ratio Lower Upper  
 188 100  
 94 10.0 7.2 10.8  
 80 11.9 8.2 12.2

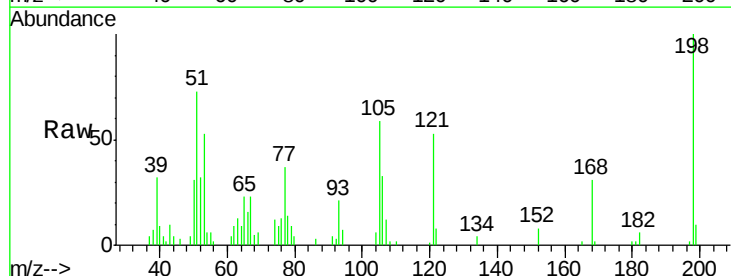


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

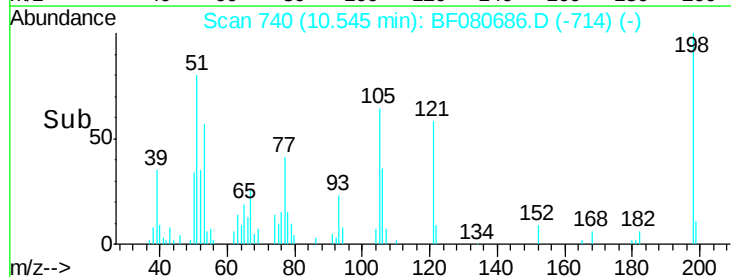
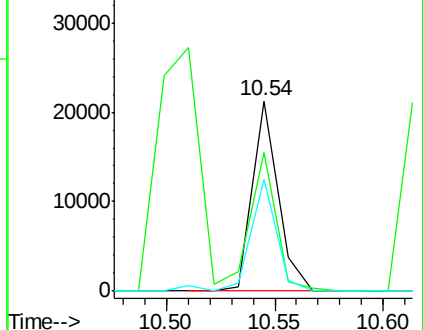


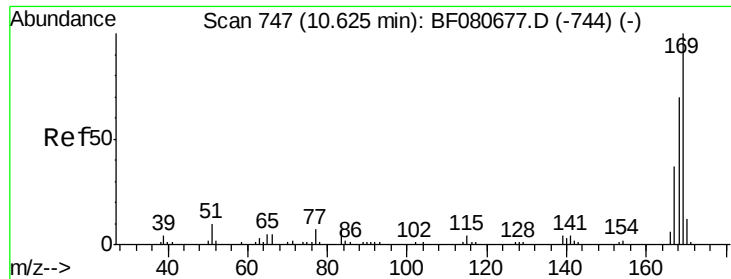
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.73 ng  
 RT: 10.54 min Scan# 740  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:198 Resp: 17533  
 Ion Ratio Lower Upper  
 198 100  
 51 72.8 55.1 95.1  
 105 58.6 30.9 70.9



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

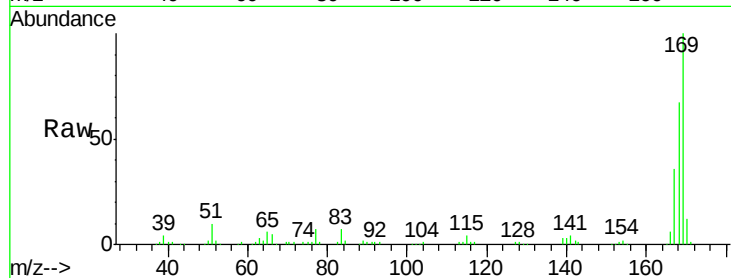




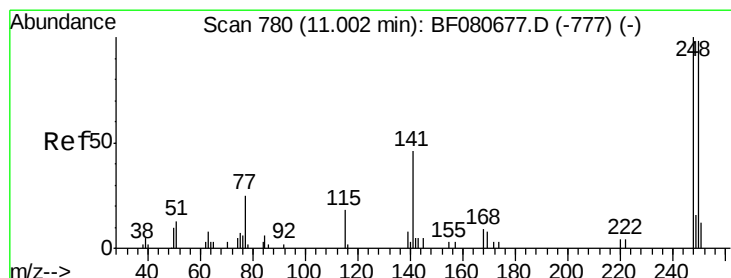
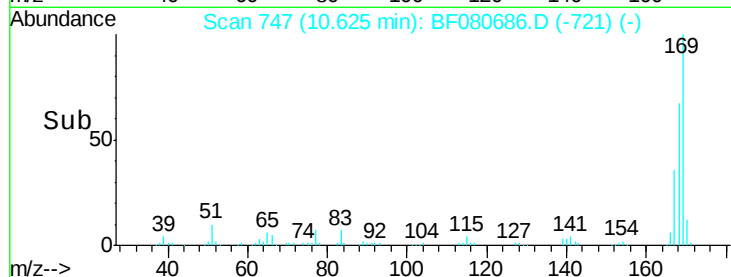
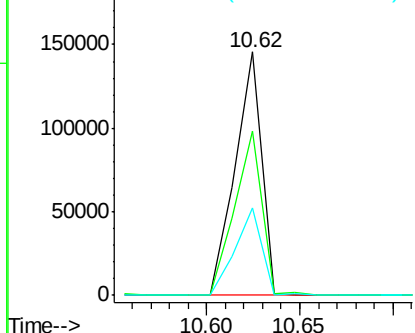
#65  
 n-Nitrosodiphenylamine  
 Concen: 46.60 ng  
 RT: 10.62 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:169 Resp: 145345  
 Ion Ratio Lower Upper  
 169 100  
 168 67.4 56.2 84.2  
 167 35.7 29.3 43.9

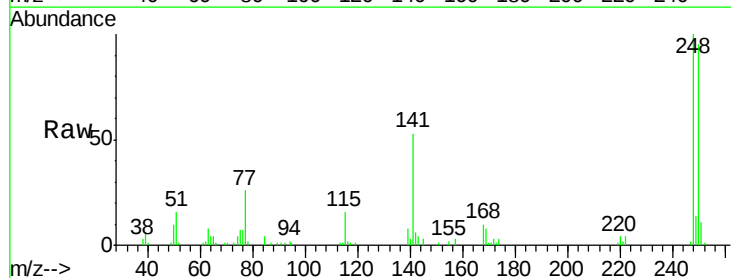


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

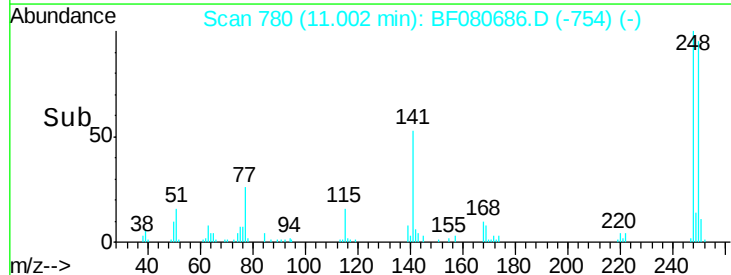
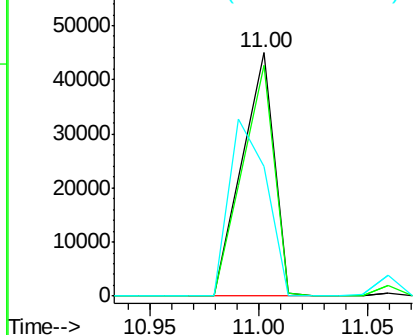


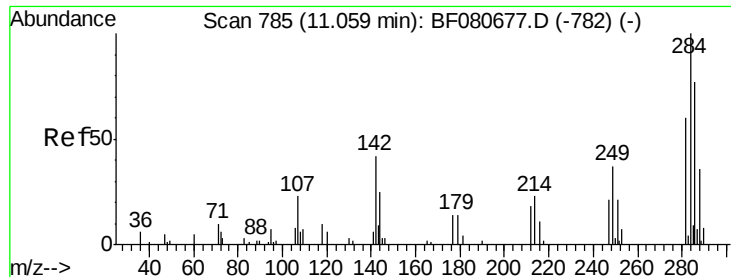
#66  
 4-Bromophenyl-phenylether  
 Concen: 47.26 ng  
 RT: 11.00 min Scan# 780  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:248 Resp: 46176  
 Ion Ratio Lower Upper  
 248 100  
 250 94.7 78.5 117.7  
 141 53.2 36.8 55.2



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

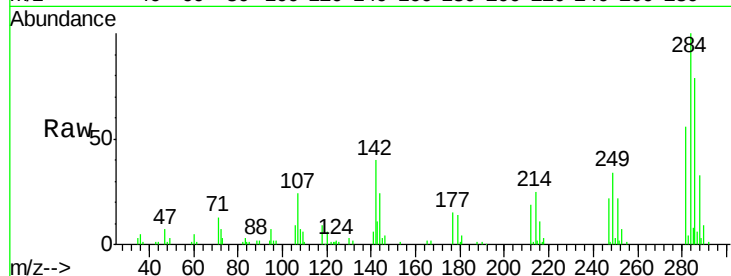




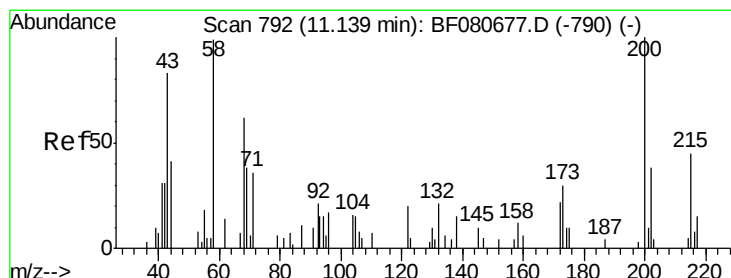
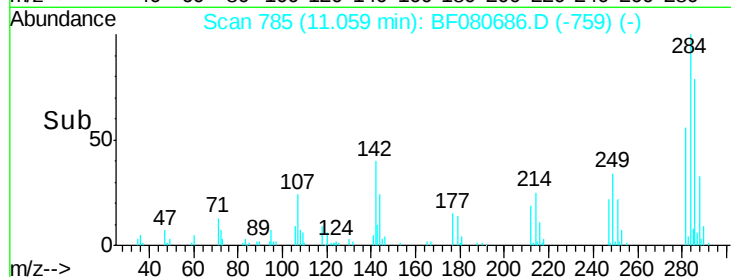
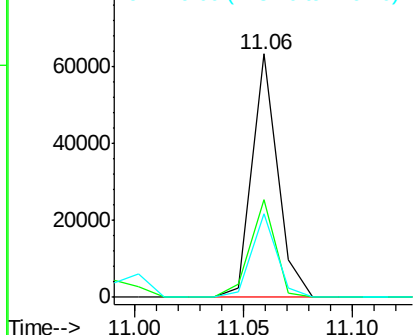
#67  
Hexachlorobenzene  
Concen: 44.67 ng  
RT: 11.06 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

Tgt Ion:284 Resp: 51632  
Ion Ratio Lower Upper  
284 100  
142 40.2 34.0 51.0  
249 34.5 29.4 44.0

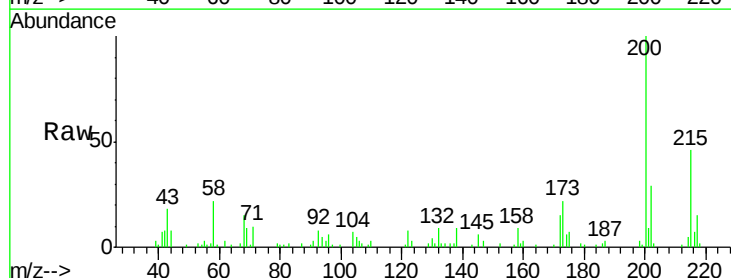


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

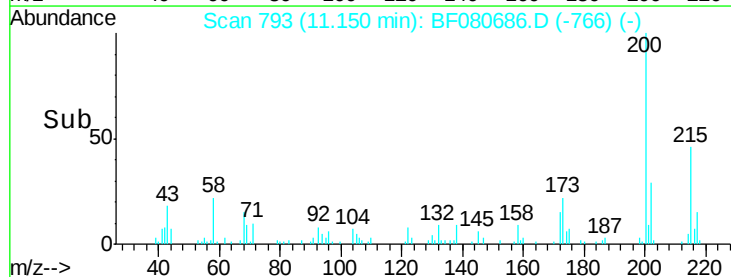
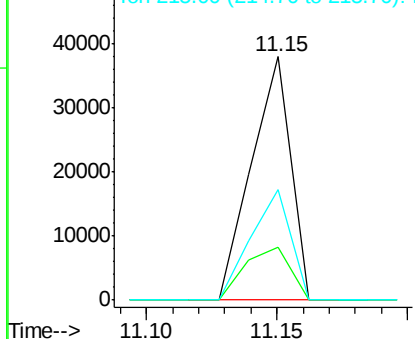


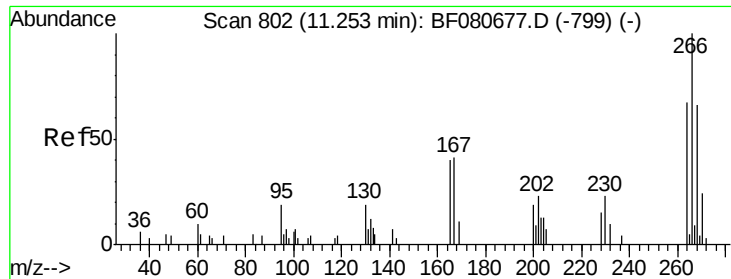
#68  
Atrazine  
Concen: 64.77 ng  
RT: 11.15 min Scan# 793  
Delta R.T. 0.01 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:200 Resp: 39463  
Ion Ratio Lower Upper  
200 100  
173 22.0 9.7 49.7  
215 45.6 24.7 64.7



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

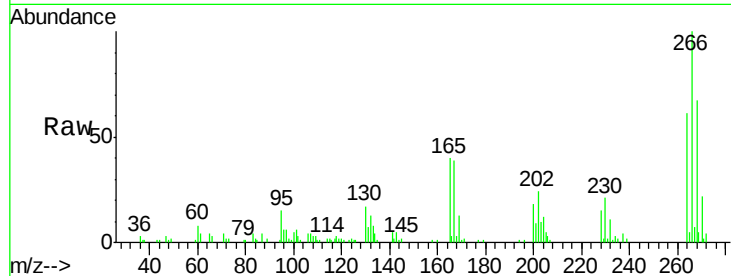




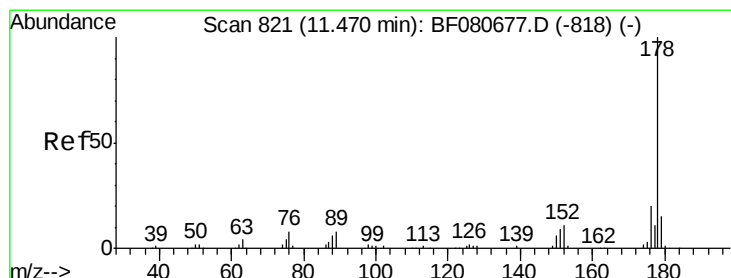
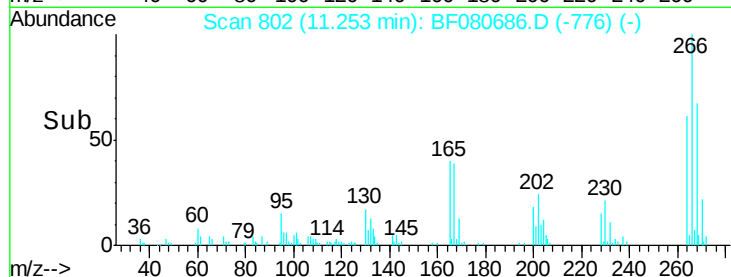
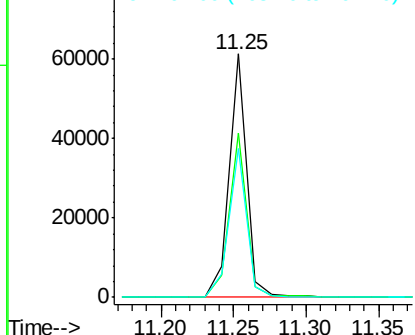
#69  
 Pentachlorophenol  
 Concen: 113.97 ng  
 RT: 11.25 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:266 Resp: 51463  
 Ion Ratio Lower Upper  
 266 100  
 268 67.5 52.6 78.8  
 264 61.1 53.4 80.2

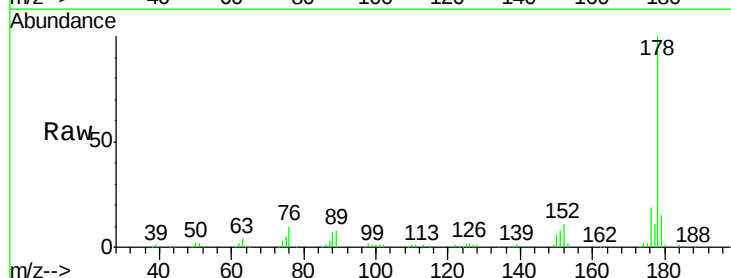


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

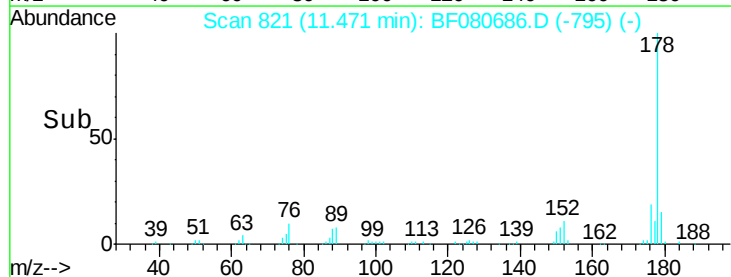
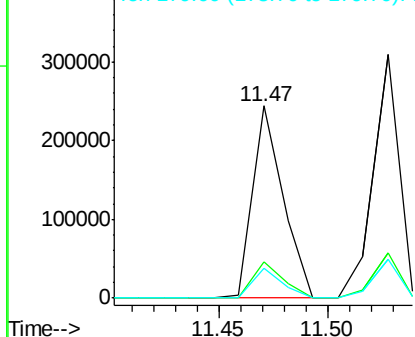


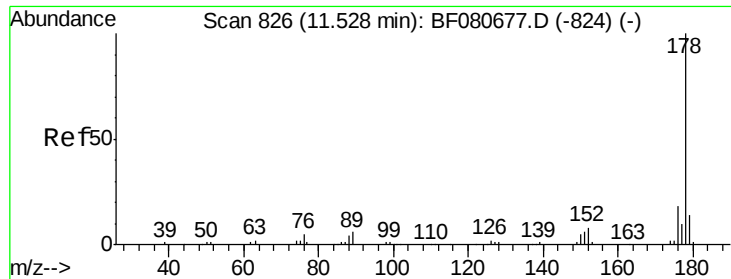
#70  
 Phenanthrene  
 Concen: 45.63 ng  
 RT: 11.47 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:178 Resp: 237494  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.6 23.4  
 179 15.2 12.3 18.5



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

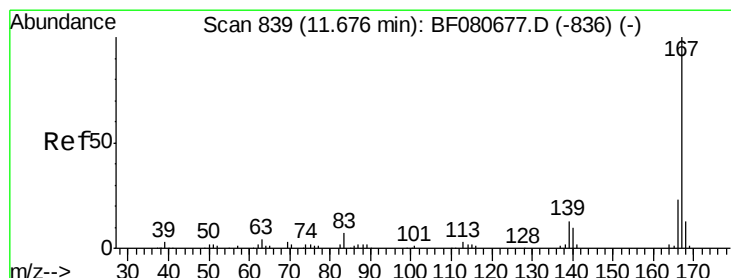
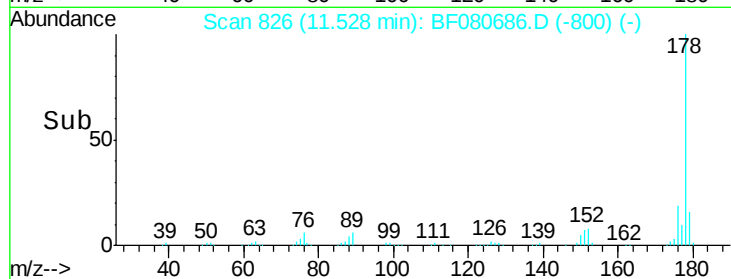
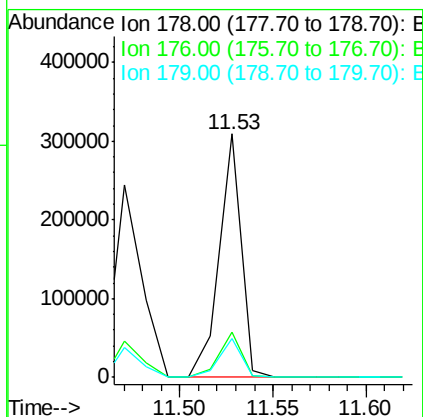
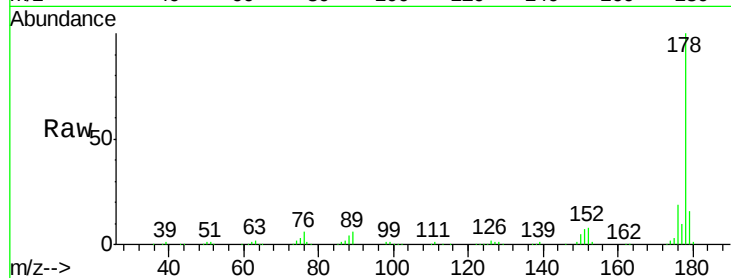




#71  
Anthracene  
Concen: 50.49 ng  
RT: 11.53 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

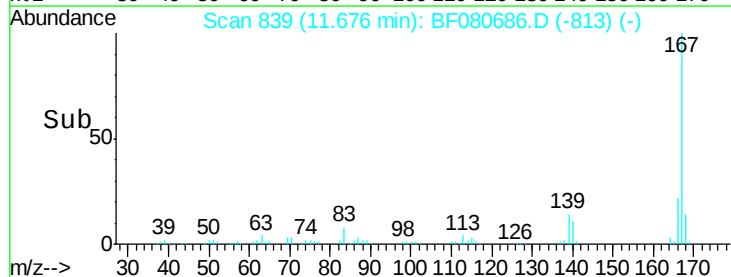
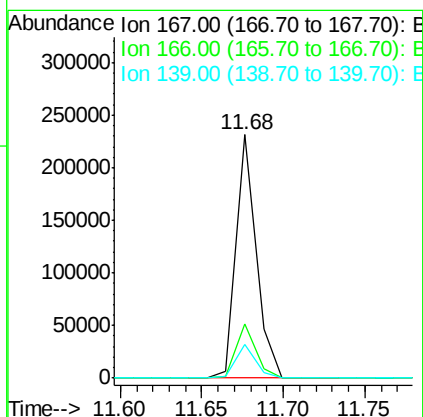
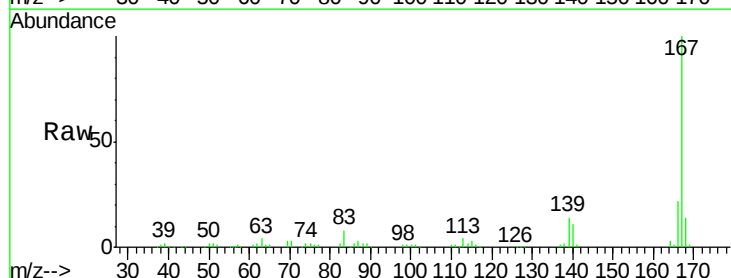
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

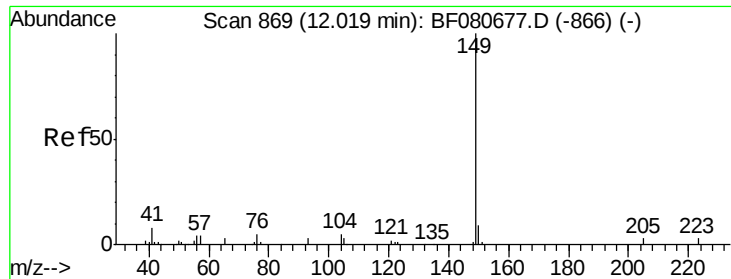
Tgt Ion:178 Resp: 255512  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.3 21.5  
179 15.8 10.8 16.2



#72  
Carbazole  
Concen: 46.20 ng  
RT: 11.68 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:167 Resp: 196310  
Ion Ratio Lower Upper  
167 100  
166 22.4 18.1 27.1  
139 13.9 10.1 15.1

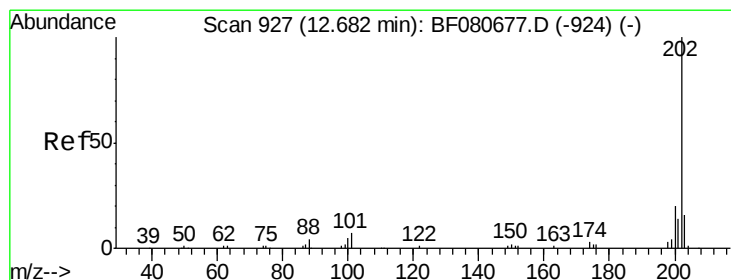
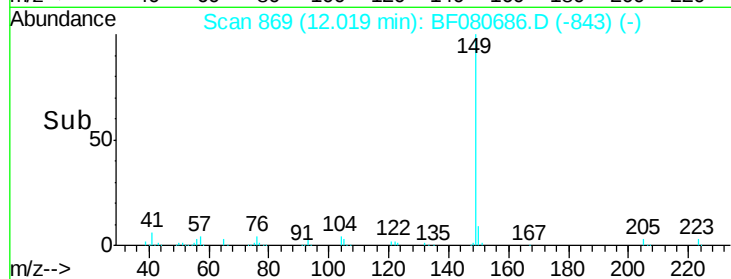
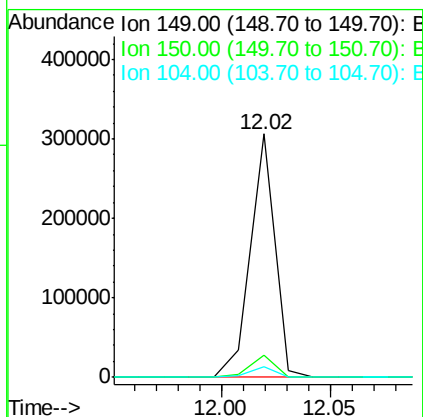
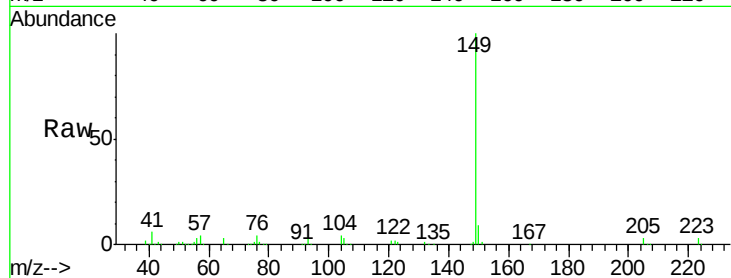




#73  
Di-n-butylphthalate  
Concen: 55.23 ng  
RT: 12.02 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

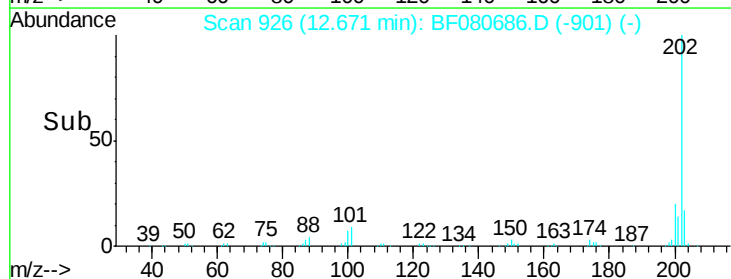
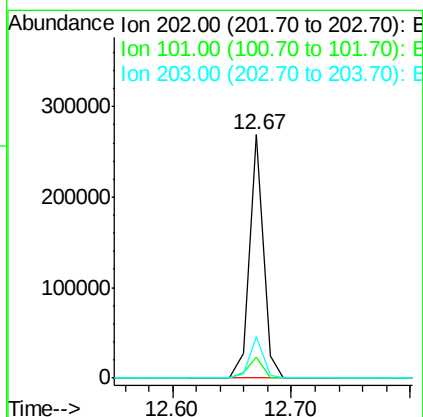
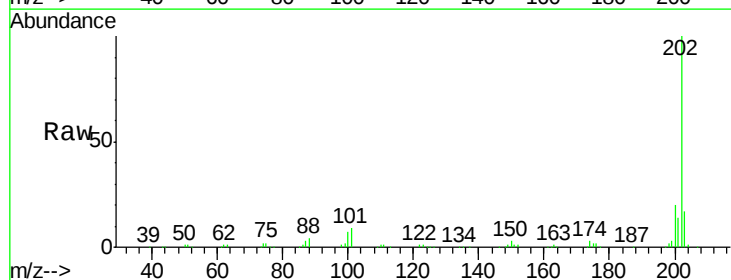
Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

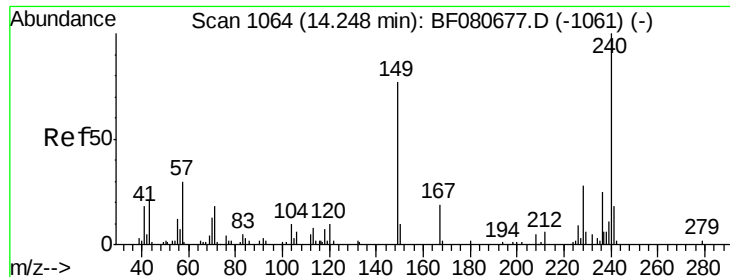
Tgt Ion:149 Resp: 239889  
Ion Ratio Lower Upper  
149 100  
150 9.1 6.8 10.2  
104 4.4 4.0 6.0



#74  
Fluoranthene  
Concen: 53.60 ng  
RT: 12.67 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:202 Resp: 221250  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 27.3  
203 16.9 0.0 36.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

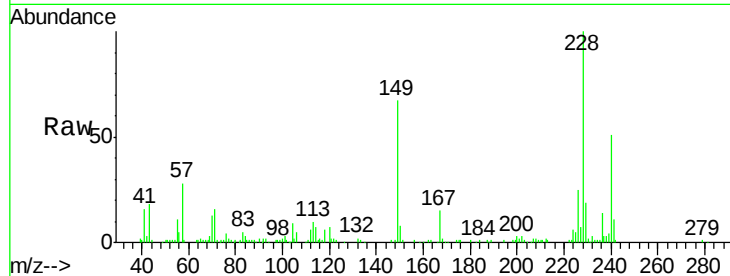
Tgt Ion:240 Resp: 60358

Ion Ratio Lower Upper

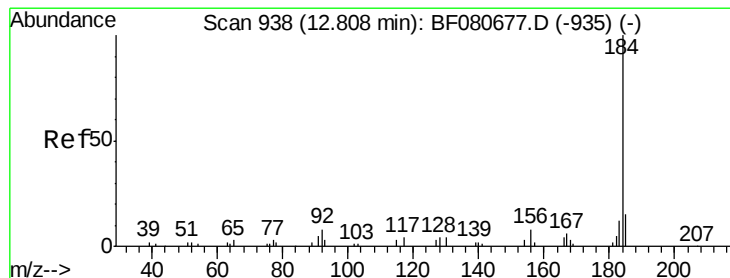
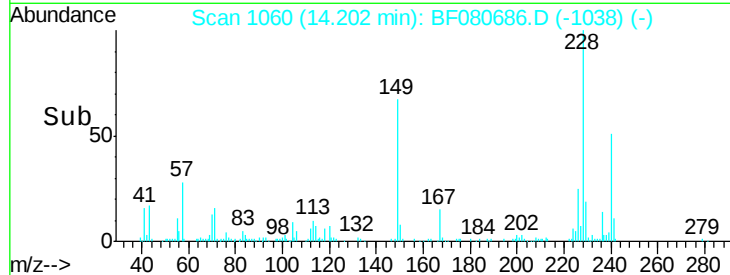
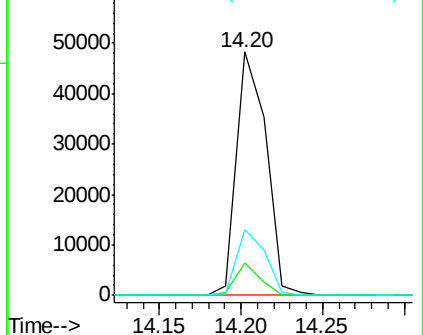
240 100

120 13.6 8.0 12.0#

236 27.0 20.0 30.0



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: 25.10 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

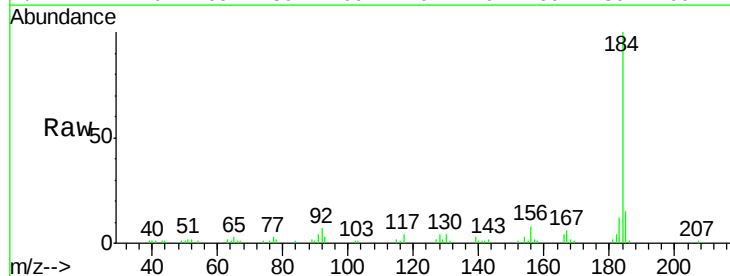
Tgt Ion:184 Resp: 41186

Ion Ratio Lower Upper

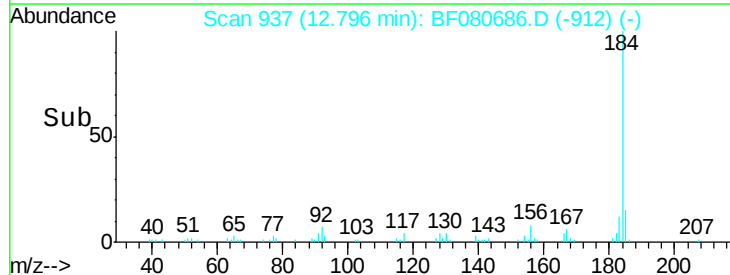
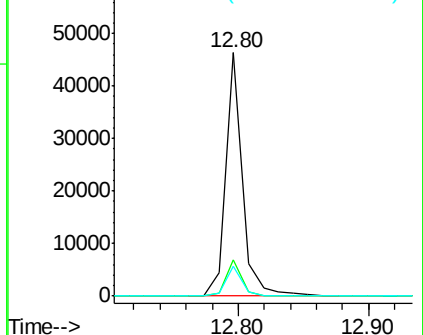
184 100

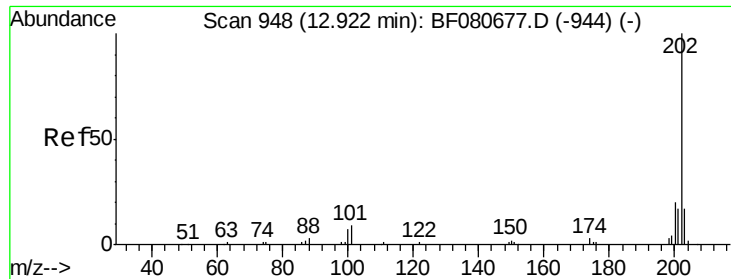
185 14.8 11.8 17.6

183 12.2 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

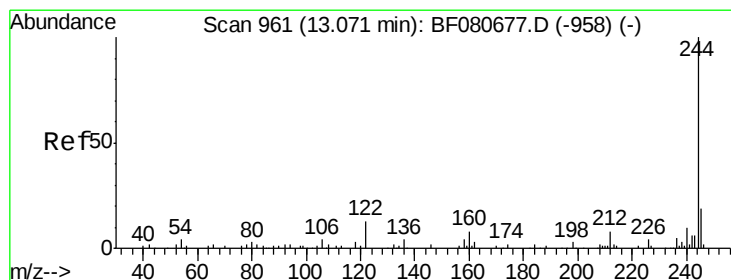
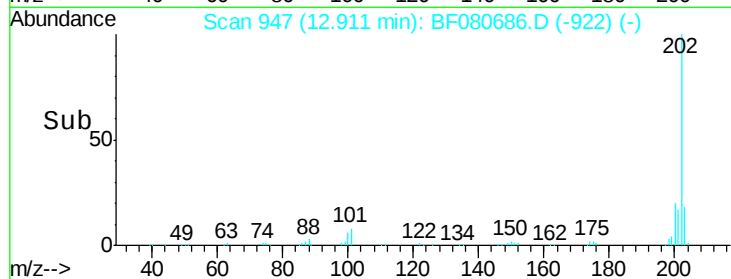
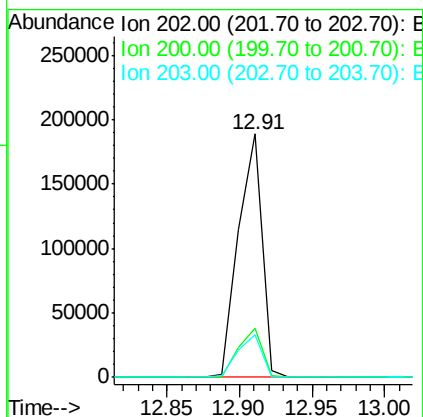
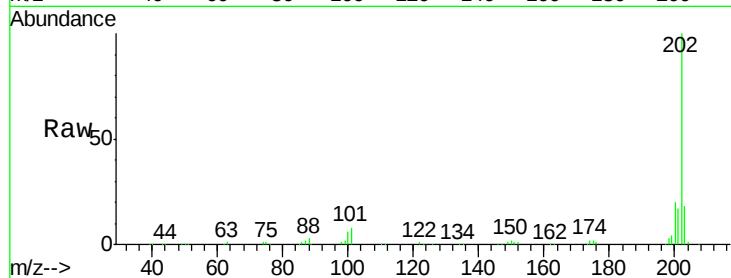




#77  
 Pyrene  
 Concen: 42.44 ng  
 RT: 12.91 min Scan# 947  
 Delta R.T. -0.01 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

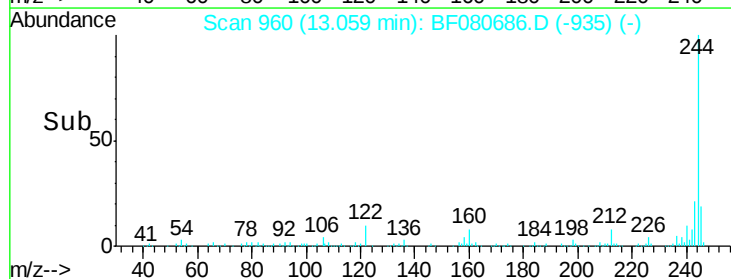
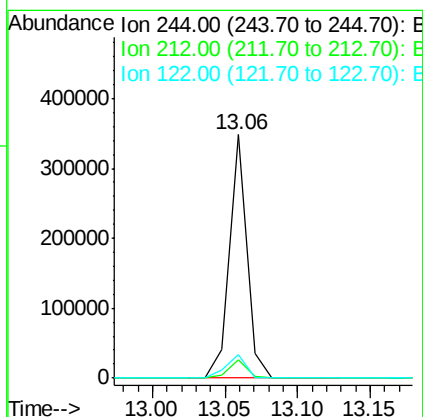
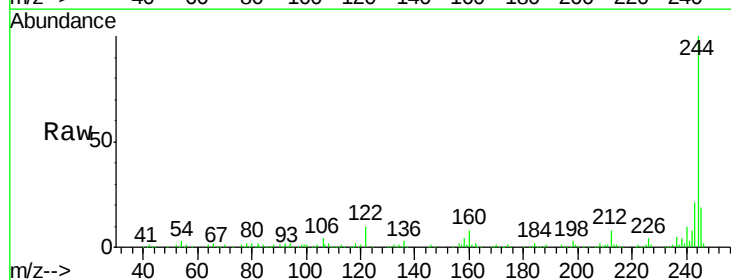
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

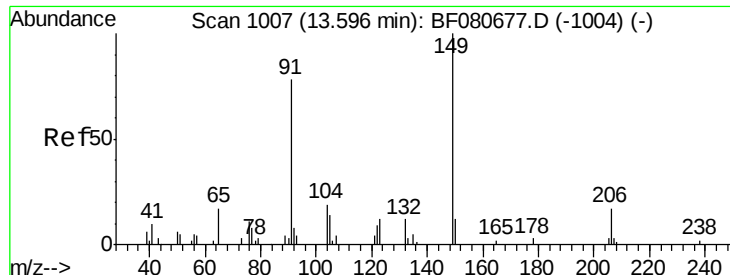
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.2  | 16.3  | 24.5  |
| 203     | 17.7  | 13.4  | 20.2  |



#78  
 Terphenyl-d14  
 Concen: 82.49 ng  
 RT: 13.06 min Scan# 960  
 Delta R.T. -0.01 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 6.1   | 9.1   |
| 122     | 9.7   | 10.2  | 15.2  |

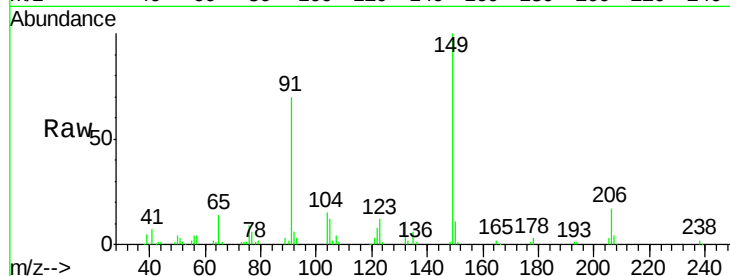




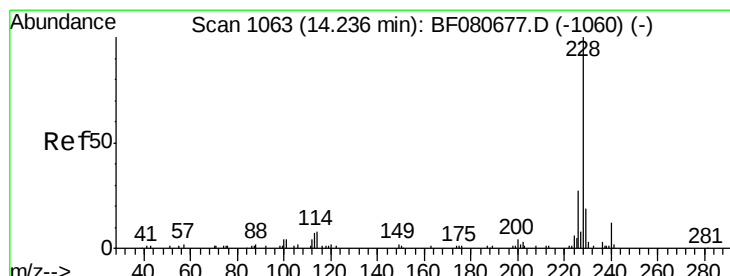
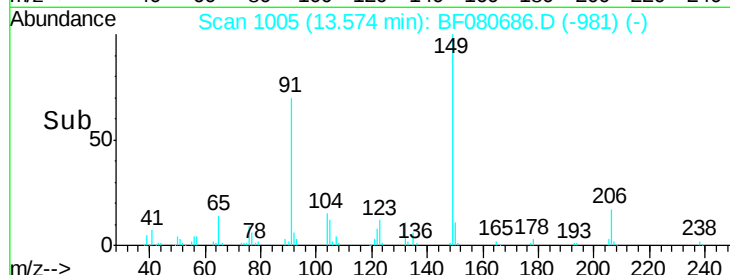
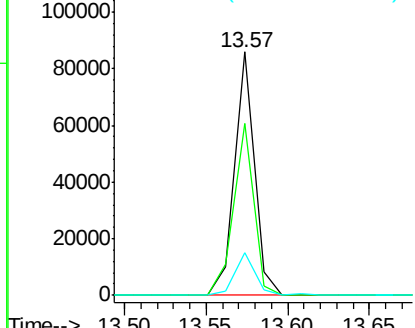
#79  
Butylbenzylphthalate  
Concen: 48.82 ng  
RT: 13.57 min Scan# 1005  
Delta R.T. -0.02 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB84679BSD

Tgt Ion:149 Resp: 71918  
Ion Ratio Lower Upper  
149 100  
91 70.4 62.6 93.8  
206 17.3 13.3 19.9

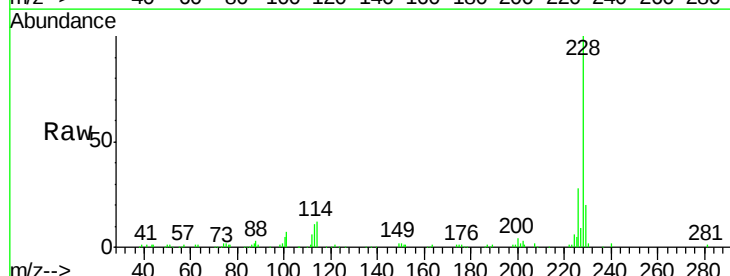


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

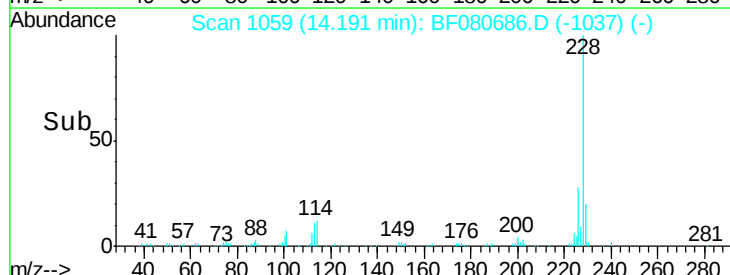
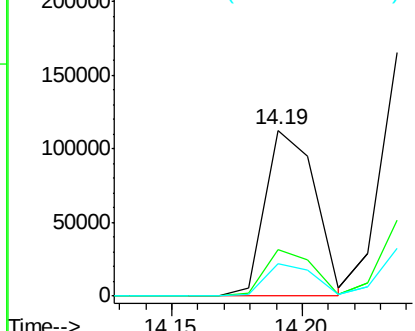


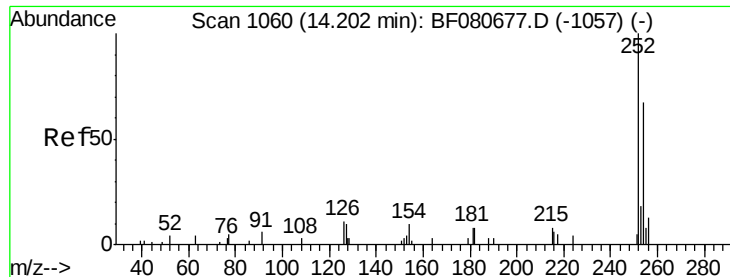
#80  
Benzo(a)anthracene  
Concen: 42.86 ng  
RT: 14.19 min Scan# 1059  
Delta R.T. -0.05 min  
Lab File: BF080686.D  
Acq: 27 Jul 2015 23:05

Tgt Ion:228 Resp: 149838  
Ion Ratio Lower Upper  
228 100  
226 28.1 21.8 32.6  
229 19.8 14.9 22.3



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

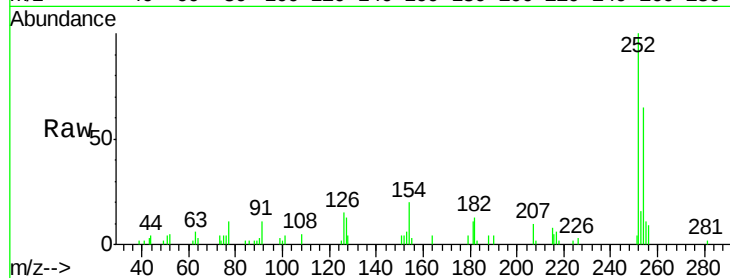




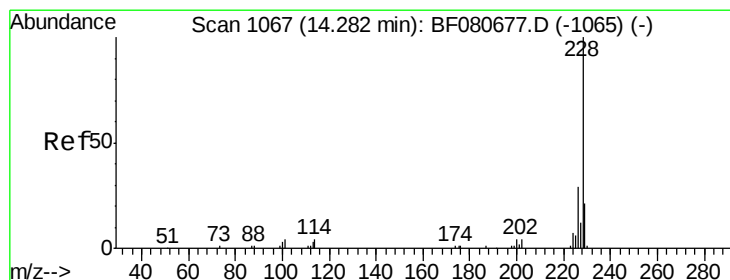
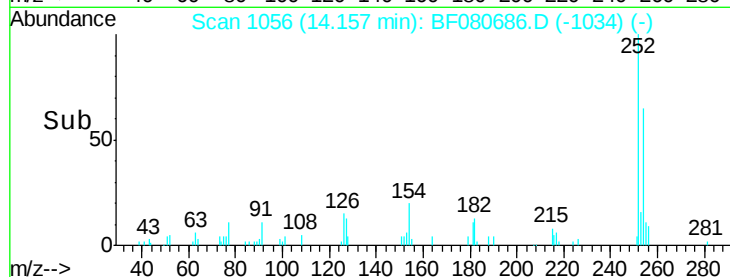
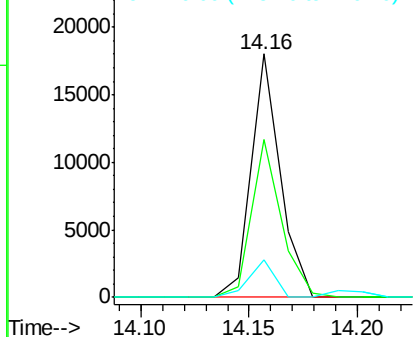
#81  
 3,3'-Dichlorobenzidine  
 Concen: 18.30 ng  
 RT: 14.16 min Scan# 1056  
 Delta R.T. -0.05 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion:252 Resp: 16686  
 Ion Ratio Lower Upper  
 252 100  
 254 65.0 53.8 80.8  
 126 15.2 9.0 13.4#

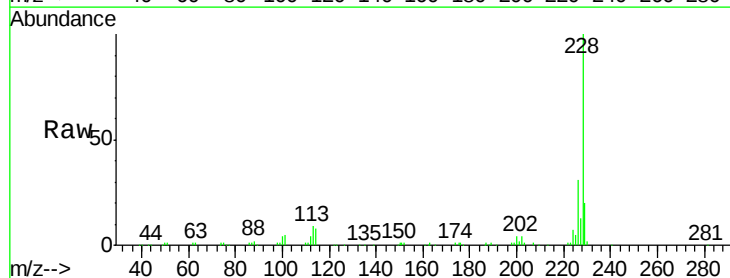


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

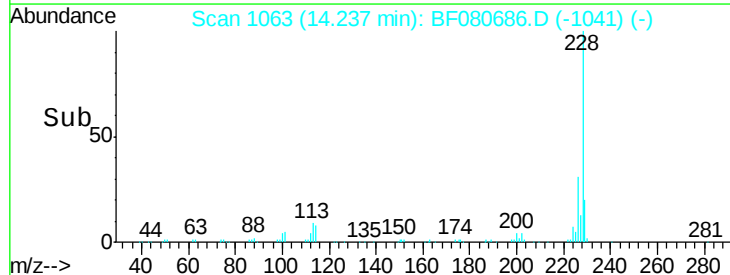
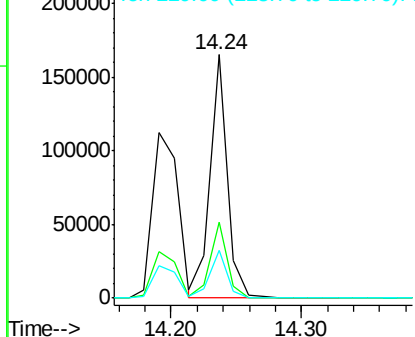


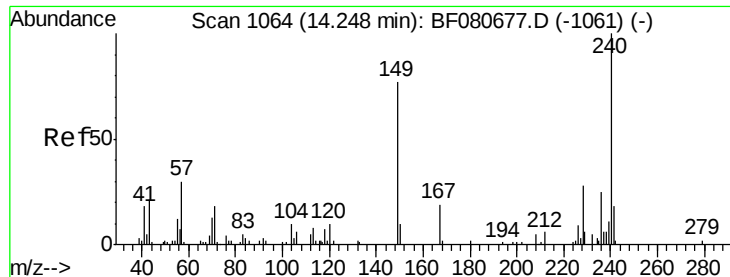
#82  
 Chrysene  
 Concen: 43.90 ng  
 RT: 14.24 min Scan# 1063  
 Delta R.T. -0.05 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:228 Resp: 153864  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 23.0 34.4  
 229 19.6 17.1 25.7



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

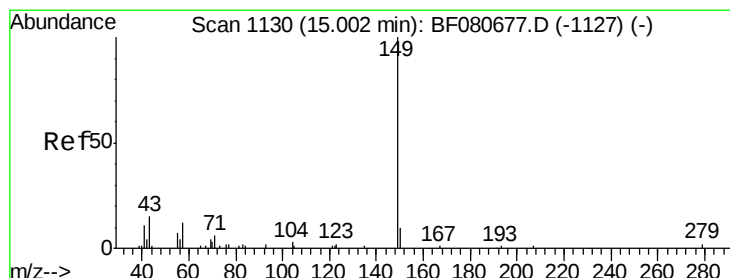
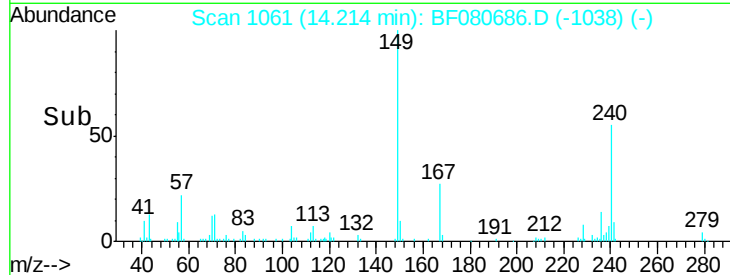
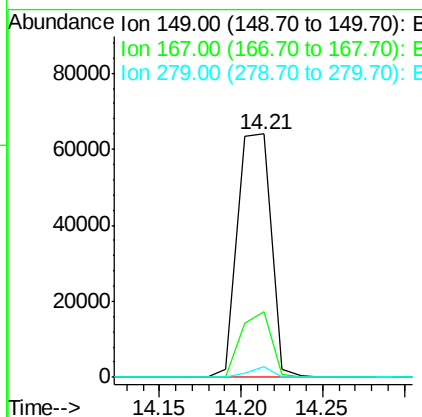
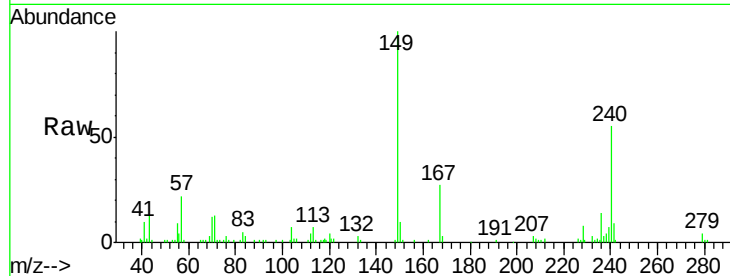




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.43 ng  
 RT: 14.21 min Scan# 1061  
 Delta R.T. -0.03 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

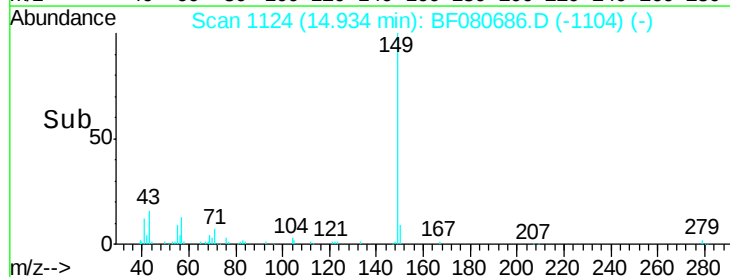
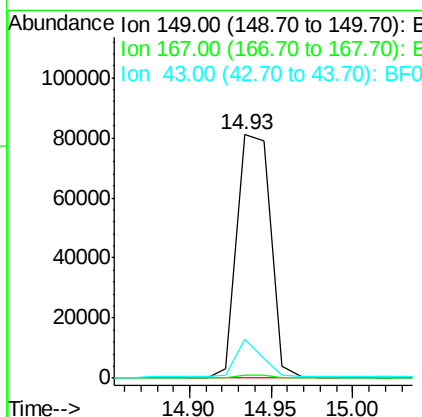
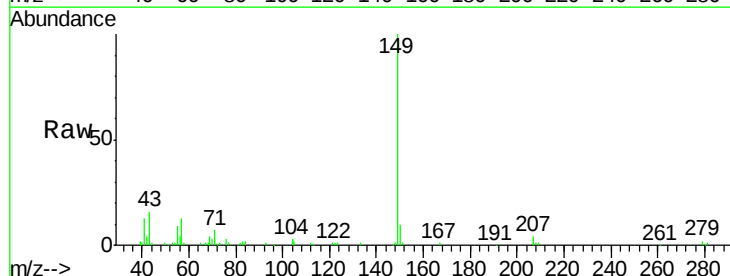
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

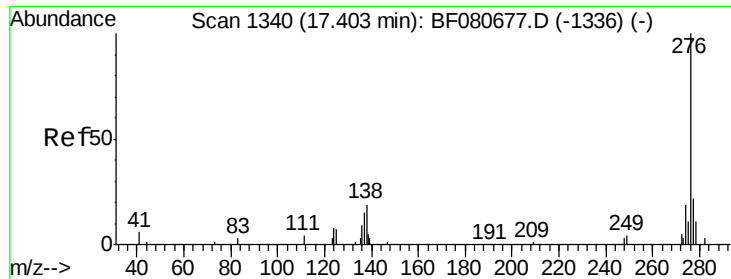
Tgt Ion:149 Resp: 90710  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 20.0 30.0  
 279 4.4 2.1 3.1#



#84  
 Di-n-octyl phthalate  
 Concen: 53.89 ng  
 RT: 14.93 min Scan# 1124  
 Delta R.T. -0.07 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion:149 Resp: 115126  
 Ion Ratio Lower Upper  
 149 100  
 167 1.3 0.6 1.0#  
 43 14.8 11.6 17.4

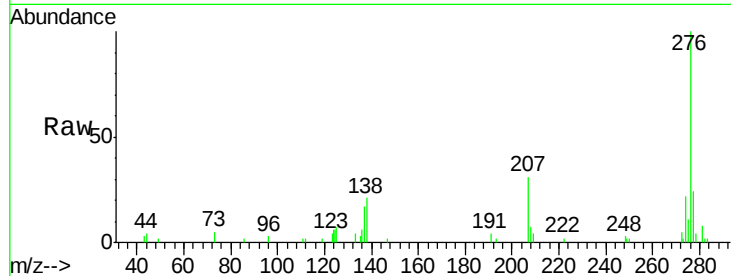




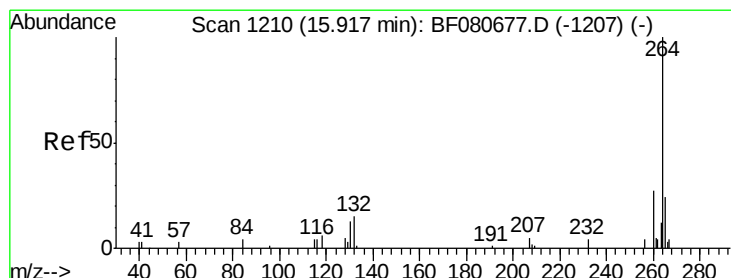
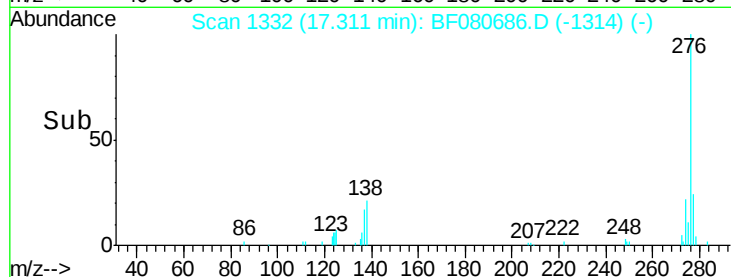
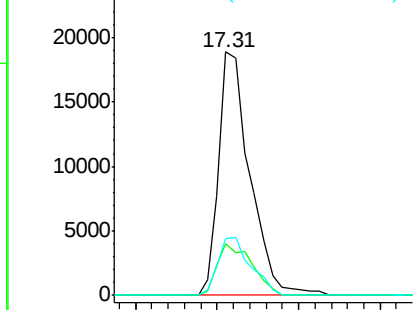
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.04 ng  
 RT: 17.31 min Scan# 1332  
 Delta R.T. -0.09 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84679BSD

Tgt Ion: 276 Resp: 50164  
 Ion Ratio Lower Upper  
 276 100  
 138 23.5 19.7 29.5  
 277 24.8 18.2 27.4

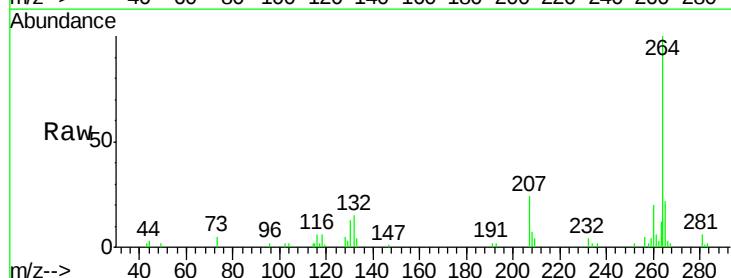


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

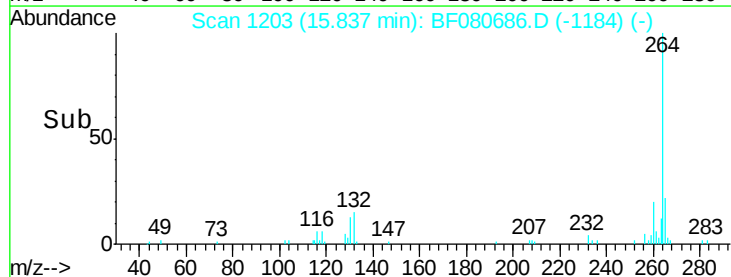
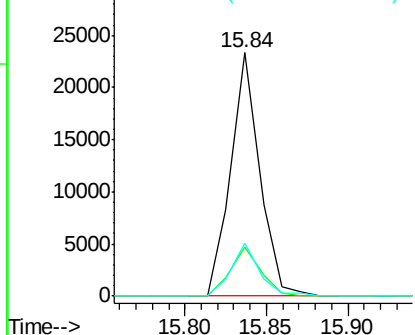


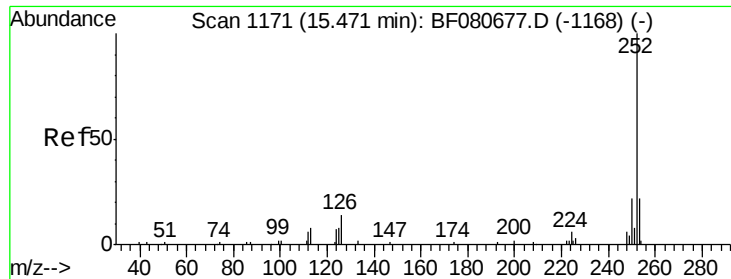
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.84 min Scan# 1203  
 Delta R.T. -0.08 min  
 Lab File: BF080686.D  
 Acq: 27 Jul 2015 23:05

Tgt Ion: 264 Resp: 28660  
 Ion Ratio Lower Upper  
 264 100  
 260 20.3 21.6 32.4#  
 265 21.8 19.3 28.9



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: 46.71 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.07 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

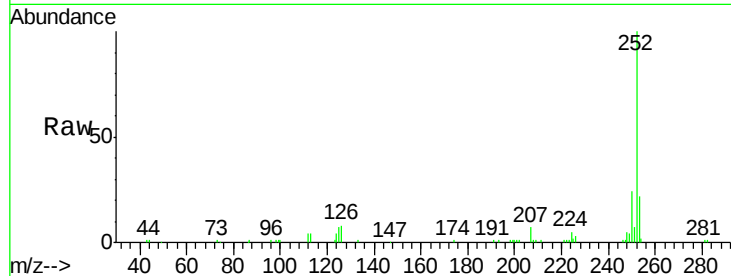
Tgt Ion:252 Resp: 95634

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

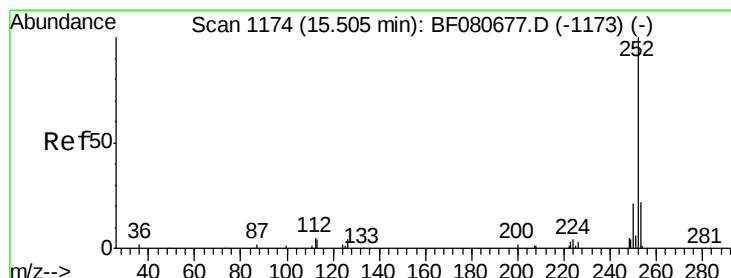
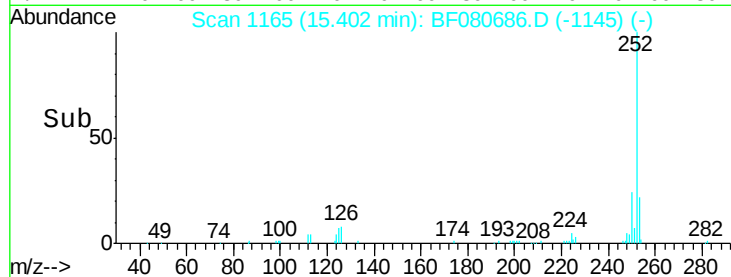
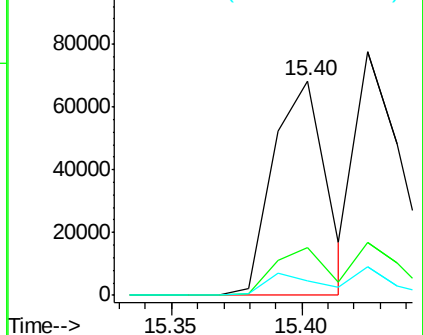
125 6.8 6.7 10.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.47 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.10 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

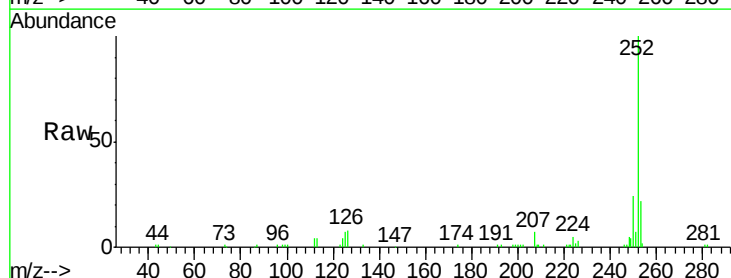
Tgt Ion:252 Resp: 95634

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

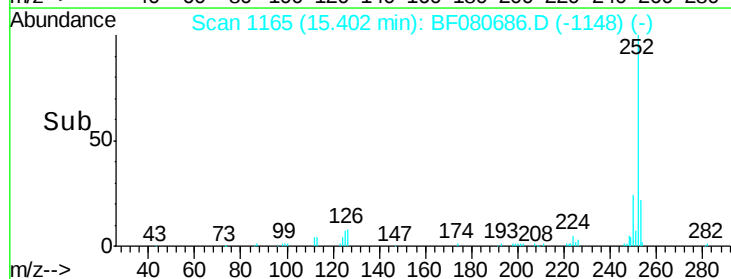
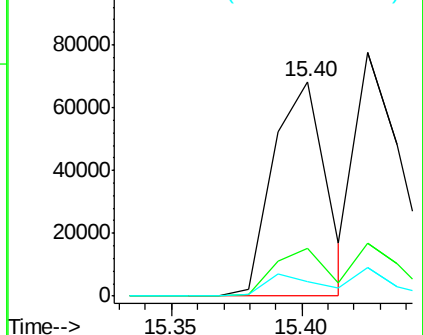
125 6.8 6.7 10.1

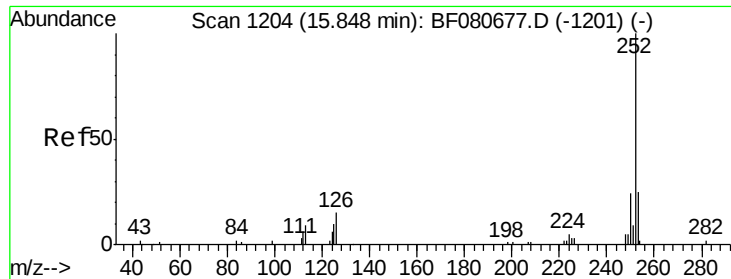


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.32 ng

RT: 15.77 min Scan# 1197

Delta R.T. -0.08 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD

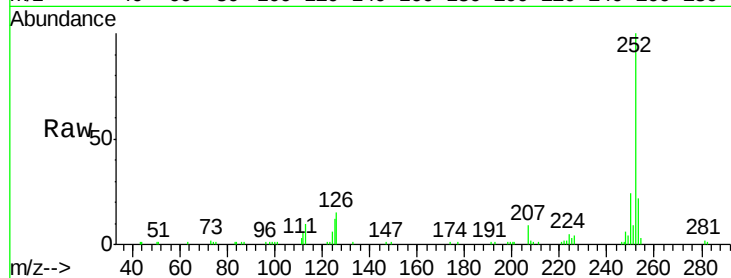
Tgt Ion:252 Resp: 77166

Ion Ratio Lower Upper

252 100

253 21.6 20.2 30.2

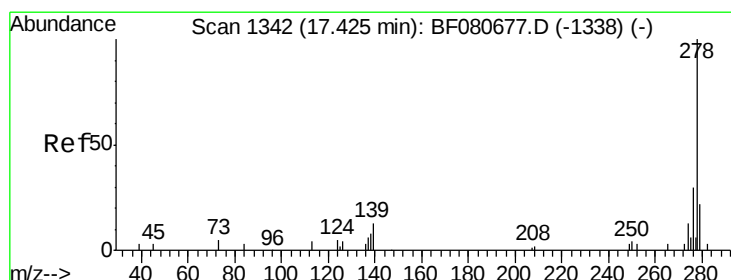
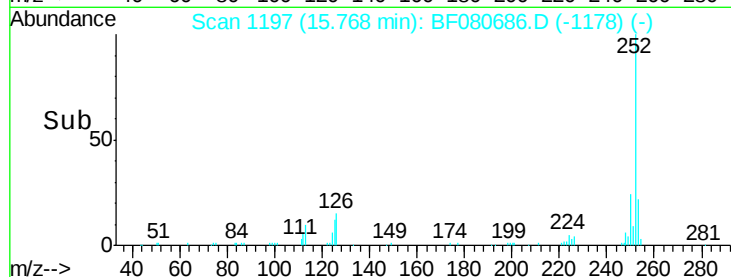
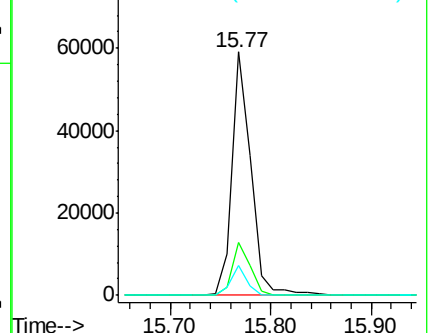
125 12.2 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.13 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.08 min

Lab File: BF080686.D

Acq: 27 Jul 2015 23:05

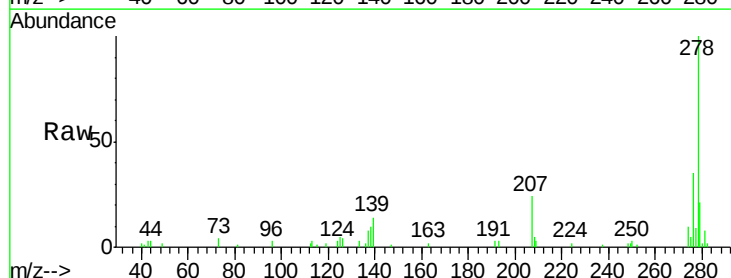
Tgt Ion:278 Resp: 43890

Ion Ratio Lower Upper

278 100

139 14.1 10.3 15.5

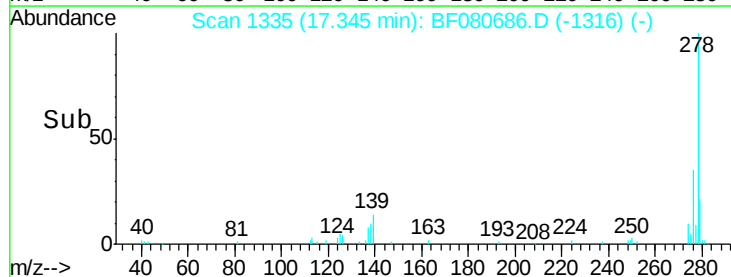
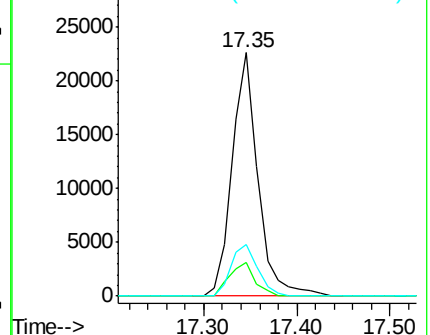
279 21.1 17.4 26.0

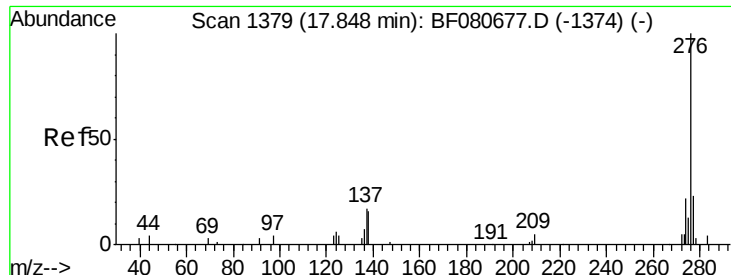


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.80 ng

RT: 17.76 min Scan# 1371

Delta R.T. -0.09 min

Lab File: BF080686.D

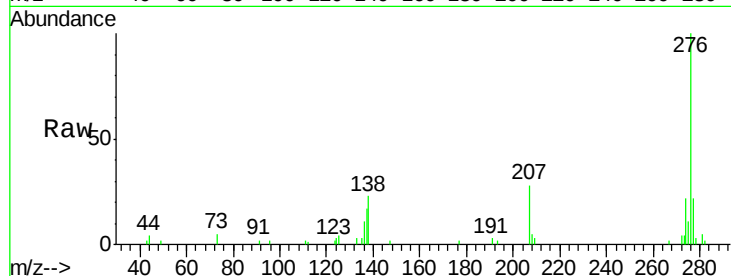
Acq: 27 Jul 2015 23:05

Instrument :

BNA\_F

ClientSampleId :

PB84679BSD



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 41177 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 22.3  | 18.7  | 28.1  |
| 138      | 22.8  | 12.7  | 19.1  |

