

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\  
 Data File : BF090131.D  
 Acq On : 20 Sep 2016 11:38  
 Operator : UM/SJ  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 20 13:18:56 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 20 13:15:49 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.52  | 152  | 156744   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.80  | 136  | 639441   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.55  | 164  | 347081   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.02 | 188  | 539843   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.63 | 240  | 411429   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.96 | 264  | 349516   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.07  | 112 | 564965  | 57.97 | ng | 0.00 |
| 7) Phenol-d6             | 6.17  | 99  | 688006  | 53.92 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.10  | 82  | 653725  | 57.48 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.34 | 330 | 178372  | 51.16 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 8.89  | 172 | 1017956 | 46.06 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.61 | 244 | 910370  | 52.55 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.92 | 88  | 151816 | 29.83 | ng | 94     |
| 3) Pyridine                    | 2.52 | 79  | 319391 | 27.53 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.47 | 42  | 99799  | 27.70 | ng | 90     |
| 6) Aniline                     | 6.18 | 93  | 446968 | 28.22 | ng | 97     |
| 8) 2-Chlorophenol              | 6.30 | 128 | 321901 | 28.67 | ng | 98     |
| 9) Benzaldehyde                | 6.06 | 77  | 148931 | 21.90 | ng | 97     |
| 10) Phenol                     | 6.18 | 94  | 387790 | 27.08 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.26 | 93  | 307919 | 26.81 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.46 | 146 | 341357 | 29.55 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.54 | 146 | 347151 | 29.11 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.70 | 146 | 304566 | 28.11 | ng | 99     |
| 15) Benzyl Alcohol             | 6.67 | 79  | 213090 | 29.66 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.82 | 45  | 389987 | 28.65 | ng | 96     |
| 17) 2-Methylphenol             | 6.80 | 107 | 248287 | 27.03 | ng | 98     |
| 18) Hexachloroethane           | 7.03 | 117 | 118526 | 27.39 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 6.95 | 70  | 211032 | 26.62 | ng | 92     |
| 20) 3+4-Methylphenols          | 6.96 | 107 | 326138 | 29.25 | ng | 96     |
| 22) Acetophenone               | 6.95 | 105 | 438446 | 28.33 | ng | # 97   |
| 24) Nitrobenzene               | 7.11 | 77  | 306902 | 25.62 | ng | 99     |
| 25) Isophorone                 | 7.36 | 82  | 644820 | 27.08 | ng | 99     |
| 26) 2-Nitrophenol              | 7.43 | 139 | 161467 | 27.80 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.48 | 122 | 271048 | 26.52 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.58 | 93  | 375036 | 26.85 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.68 | 162 | 261041 | 28.92 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.76 | 180 | 258021 | 28.97 | ng | 96     |
| 31) Naphthalene                | 7.83 | 128 | 878129 | 27.94 | ng | 100    |
| 32) Benzoic acid               | 7.62 | 122 | 201167 | 27.39 | ng | 94     |
| 33) 4-Chloroaniline            | 7.90 | 127 | 359451 | 26.87 | ng | # 91   |
| 34) Hexachlorobutadiene        | 7.96 | 225 | 131529 | 28.84 | ng | 98     |
| 35) Caprolactam                | 8.26 | 113 | 82183  | 27.26 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.39 | 107 | 295716 | 28.21 | ng | 88     |
| 37) 2-Methylnaphthalene        | 8.52 | 142 | 574335 | 29.46 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.68 | 216 | 220204 | 24.67 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.68 | 237 | 111412 | 24.02 | ng | 96     |

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 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

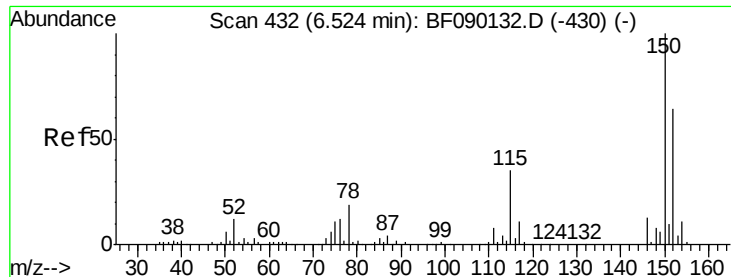
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 20 13:18:56 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
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 QLast Update : Tue Sep 20 13:15:49 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.81  | 196  | 168232   | 26.01 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.84  | 196  | 169257   | 24.33 | nq    | # 89     |
| 45) 1,1'-Biphenyl              | 8.99  | 154  | 719386   | 25.33 | nq    | 94       |
| 46) 2-Chloronaphthalene        | 9.00  | 162  | 519395   | 24.68 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.11  | 65   | 165036   | 24.57 | nq    | 89       |
| 48) Acenaphthylene             | 9.42  | 152  | 928304   | 26.27 | nq    | 99       |
| 49) Dimethylphthalate          | 9.30  | 163  | 663142   | 25.72 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.36  | 165  | 141306   | 24.53 | nq    | # 58     |
| 51) Acenaphthene               | 9.59  | 154  | 516807   | 26.18 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.52  | 138  | 171755   | 24.50 | nq    | 100      |
| 53) 2,4-Dinitrophenol          | 9.62  | 184  | 67923    | 21.69 | nq    | # 80     |
| 54) Dibenzofuran               | 9.76  | 168  | 719805   | 26.37 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.69  | 139  | 111470   | 22.60 | nq    | # 77     |
| 56) 2,4-Dinitrotoluene         | 9.75  | 165  | 163052   | 23.22 | nq    | 98       |
| 57) Fluorene                   | 10.10 | 166  | 562616   | 26.27 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.88  | 232  | 131511   | 24.78 | nq    | 96       |
| 59) Diethylphthalate           | 10.00 | 149  | 615208   | 24.65 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.10 | 204  | 240310   | 26.61 | nq    | # 83     |
| 61) 4-Nitroaniline             | 10.12 | 138  | 165814   | 23.37 | nq    | 90       |
| 62) Azobenzene                 | 10.25 | 77   | 608013   | 23.21 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.16 | 198  | 100327   | 30.37 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 10.22 | 169  | 495890   | 28.99 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.58 | 248  | 155993   | 29.98 | nq    | # 89     |
| 67) Hexachlorobenzene          | 10.64 | 284  | 174485   | 28.45 | nq    | # 93     |
| 68) Atrazine                   | 10.75 | 200  | 151021   | 29.71 | nq    | 99       |
| 69) Pentachlorophenol          | 10.83 | 266  | 104546   | 29.10 | nq    | 98       |
| 70) Phenanthrene               | 11.05 | 178  | 792376   | 30.37 | nq    | 99       |
| 71) Anthracene                 | 11.10 | 178  | 799471   | 28.07 | nq    | 99       |
| 72) Carbazole                  | 11.26 | 167  | 828662   | 28.36 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.61 | 149  | 1040178  | 31.74 | nq    | # 98     |
| 74) Fluoranthene               | 12.22 | 202  | 758611   | 27.75 | nq    | 97       |
| 76) Benzidine                  | 12.35 | 184  | 394050   | 23.48 | nq    | 98       |
| 77) Pyrene                     | 12.45 | 202  | 848715   | 28.27 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.09 | 149  | 357965   | 23.94 | nq    | # 83     |
| 80) Benzo(a)anthracene         | 13.62 | 228  | 625890   | 26.06 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.60 | 252  | 261553   | 25.98 | nq    | 99       |
| 82) Chrysene                   | 13.66 | 228  | 541905   | 24.05 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.66 | 149  | 483213   | 26.13 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.26 | 149  | 865795   | 26.19 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.13 | 276  | 468731   | 23.95 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 14.64 | 252  | 1163920  | 56.80 | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 14.64 | 252  | 1167493  | 63.29 | nq    | 99       |
| 89) Benzo(a)pyrene             | 14.90 | 252  | 520095   | 28.31 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 16.14 | 278  | 390687   | 27.15 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.47 | 276  | 369180   | 26.88 | nq    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

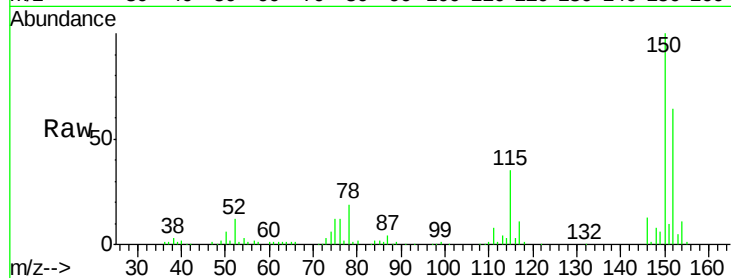
Tot Ion:152 Resp: 156744

Ion Ratio Lower Upper

152 100

150 156.3 128.9 193.3

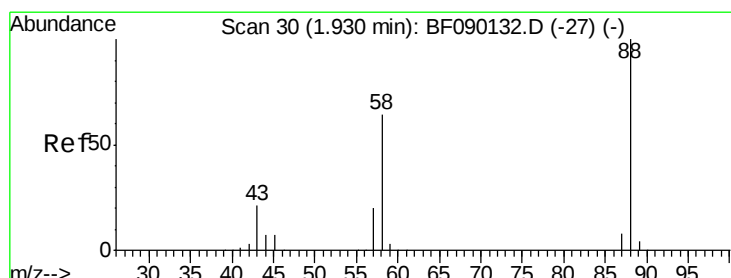
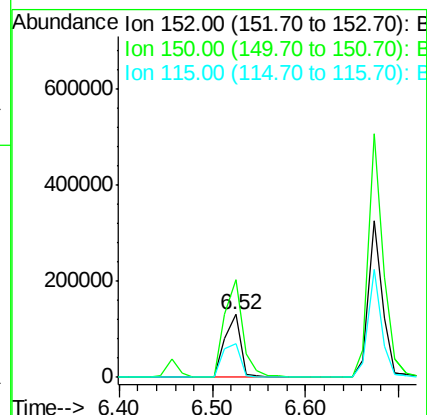
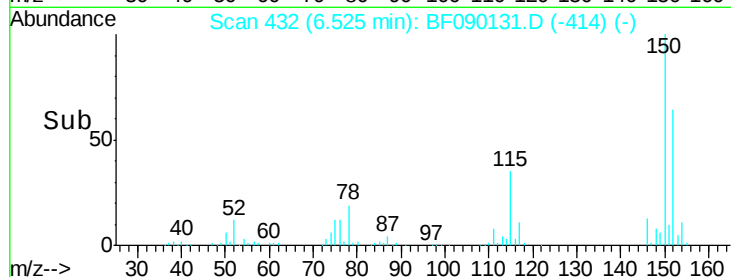
115 54.4 55.5 83.3#



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: 29.83 ng

RT: 1.92 min Scan# 29

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

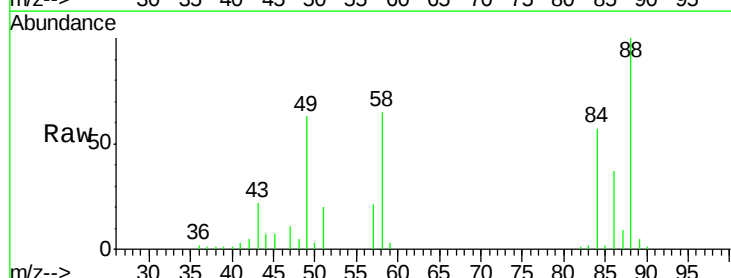
Tgt Ion: 88 Resp: 151816

Ion Ratio Lower Upper

88 100

58 60.5 53.4 80.0

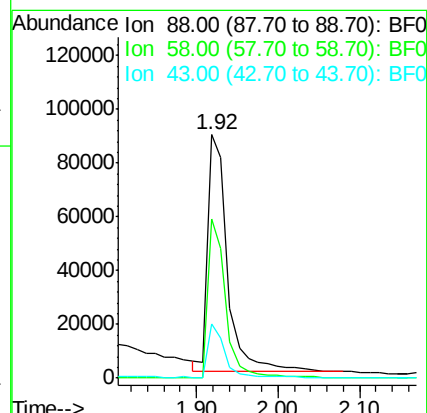
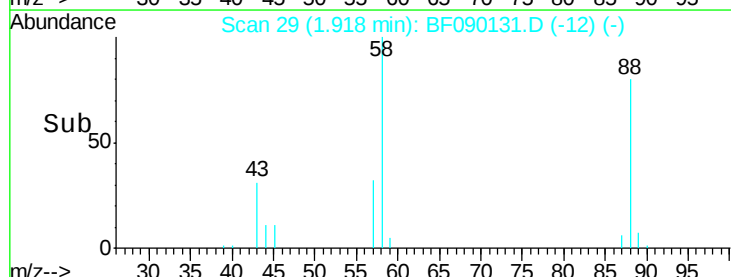
43 20.1 16.5 24.7

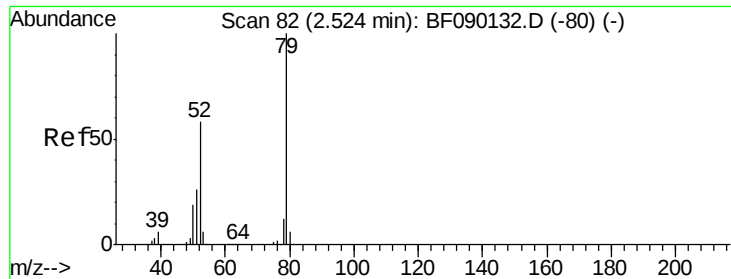


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

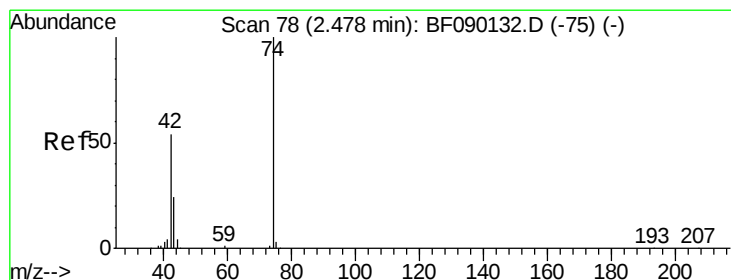
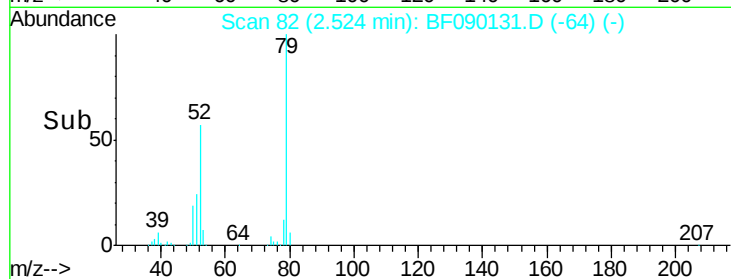
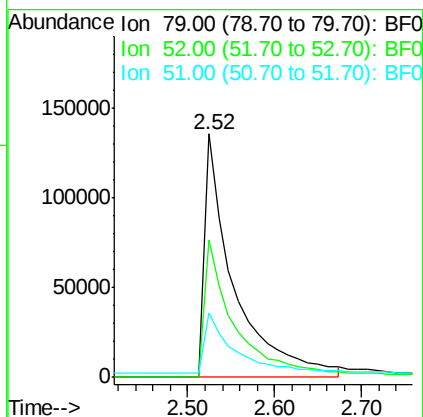
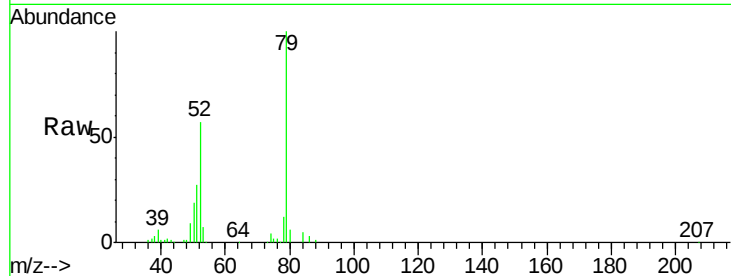




#3  
 Pvridine  
 Concen: 27.53 ng  
 RT: 2.52 min Scan# 82  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

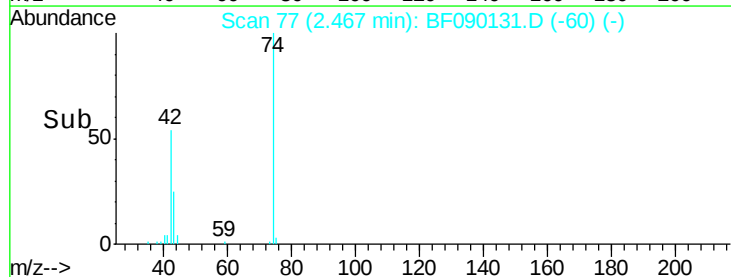
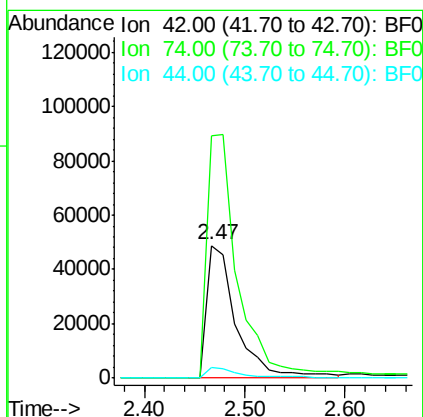
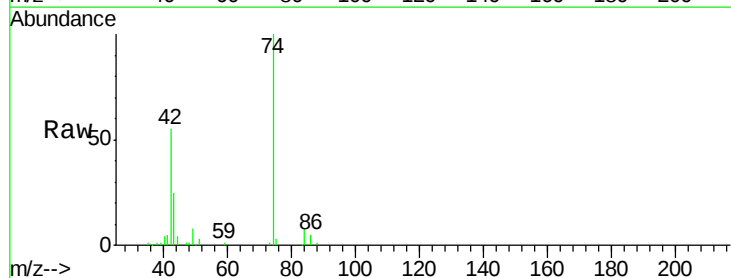
Instrument :  
 BNA\_F  
 ClientSampleId :

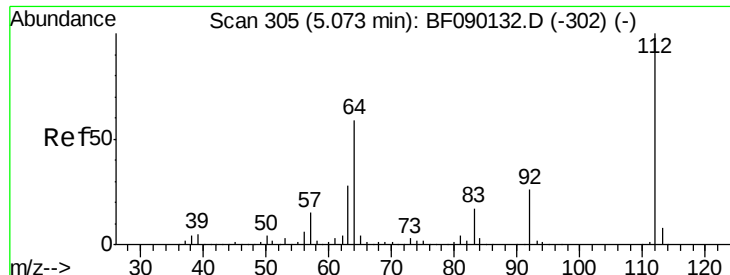
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 56.7  | 45.9  | 68.9  |
| 51      | 26.6  | 21.3  | 31.9  |



#4  
 n-Nitrosodimethylamine  
 Concen: 27.70 ng  
 RT: 2.47 min Scan# 77  
 Delta R.T. -0.01 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 182.9 | 158.7 | 238.1 |
| 44      | 8.0   | 6.4   | 9.6   |





#5

2-Fluorophenol

Concen: 57.97 ng

RT: 5.07 min Scan# 305

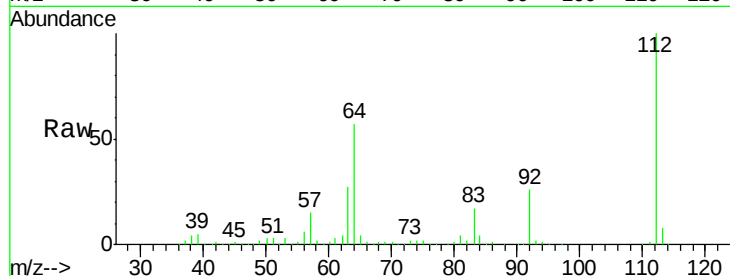
Delta R.T. 0.00 min

Lab File: BF090131.D

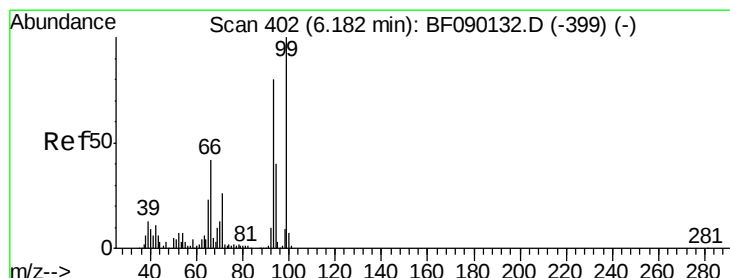
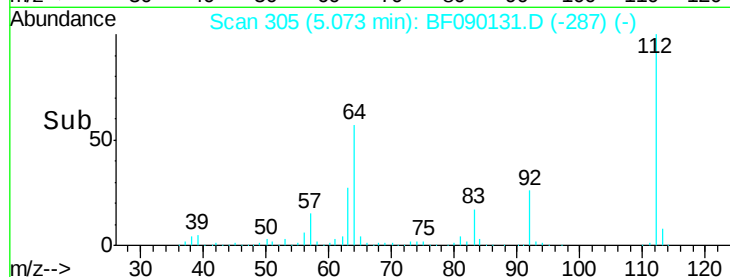
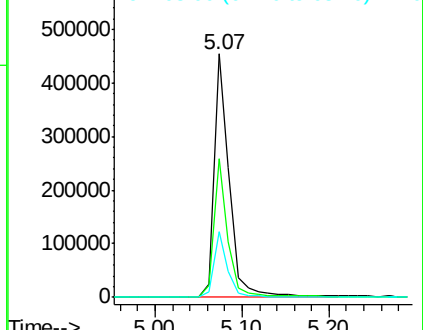
Acq: 20 Sep 2016 11:38

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 564965 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 56.7  | 39.8  | 59.6   |
| 63       | 26.9  | 18.9  | 28.3   |



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 28.22 ng

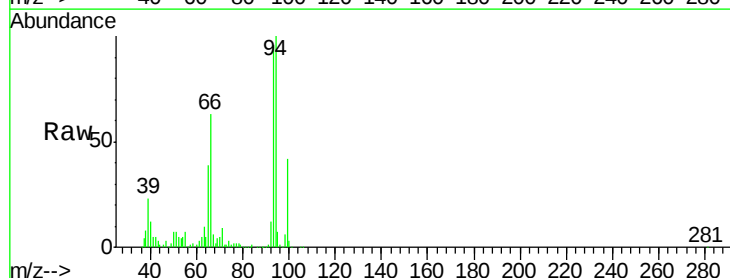
RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

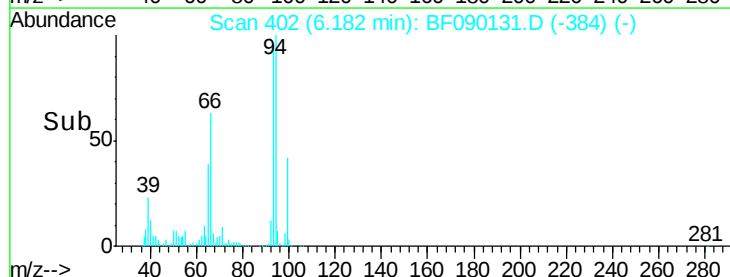
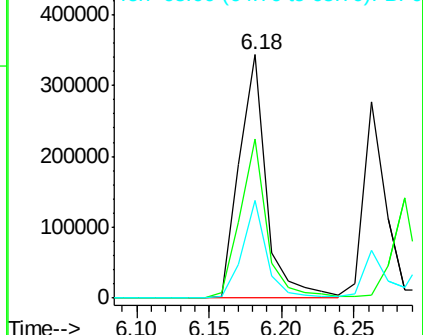
Lab File: BF090131.D

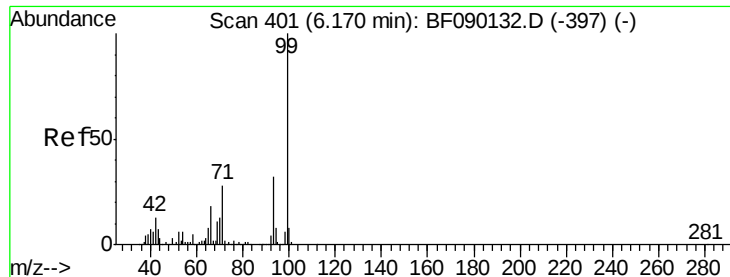
Acq: 20 Sep 2016 11:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 446968 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 65.2  | 54.2  | 81.2   |
| 65       | 40.2  | 33.8  | 50.6   |



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 53.92 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

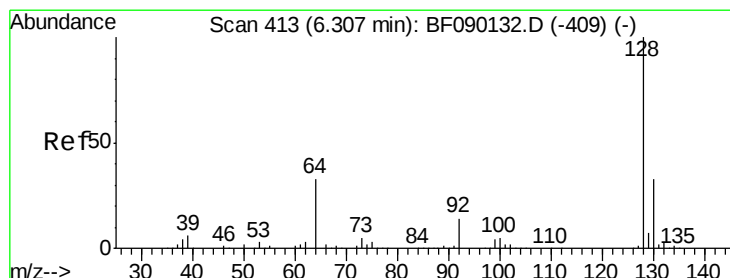
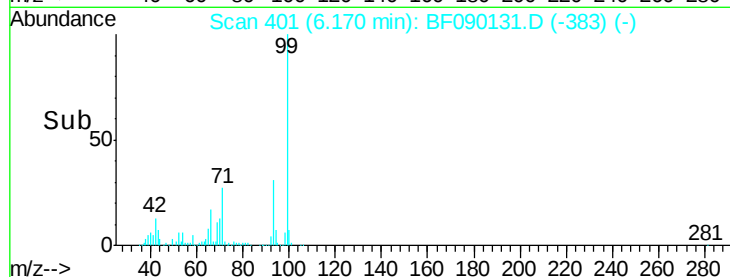
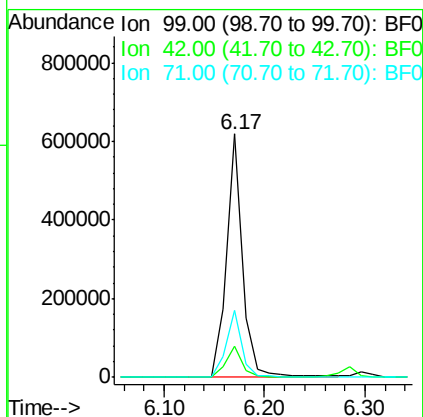
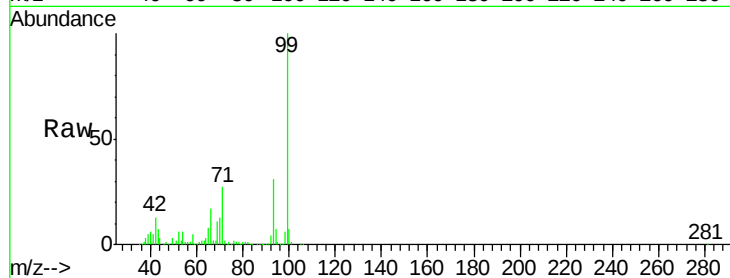
Tot Ion: 99 Resp: 688006

Ion Ratio Lower Upper

99 100

42 12.8 10.6 15.8

71 27.4 23.0 34.6



#8

2-Chlorophenol

Concen: 28.67 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

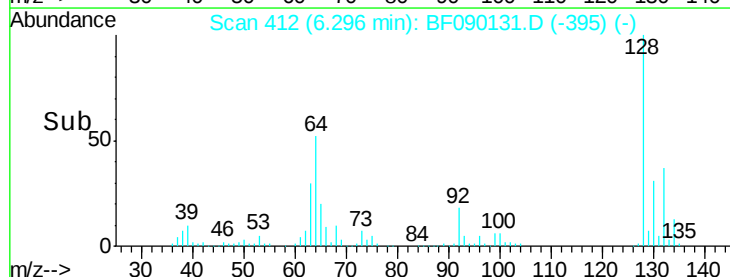
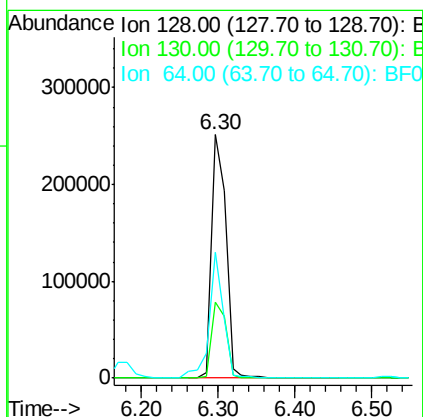
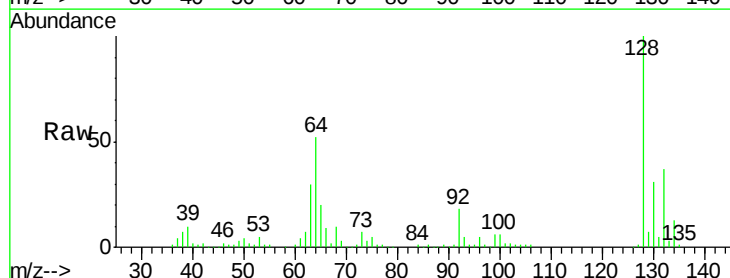
Tgt Ion: 128 Resp: 321901

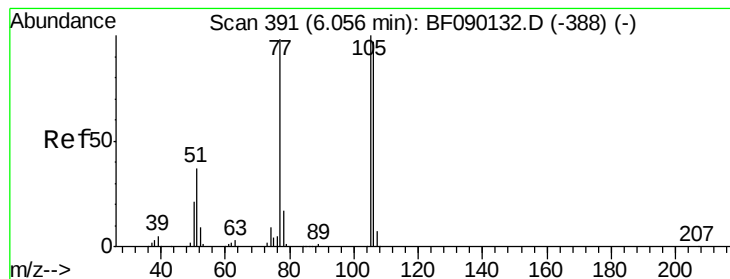
Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

64 51.6 33.6 73.6





#9

Benzaldehyde

Concen: 21.90 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

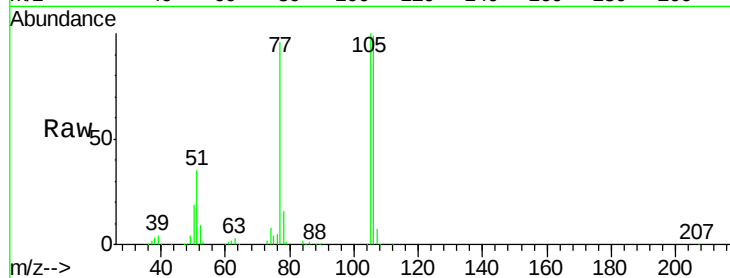
Tot Ion: 77 Resp: 148931

Ion Ratio Lower Upper

77 100

105 104.6 83.0 123.0

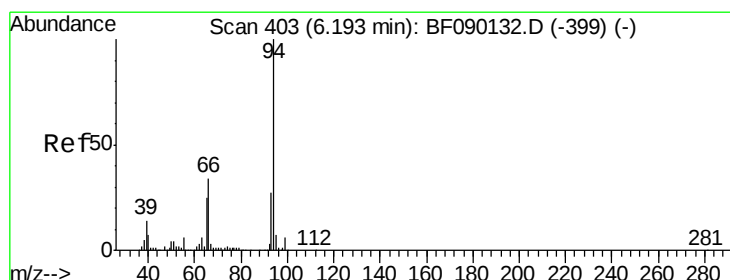
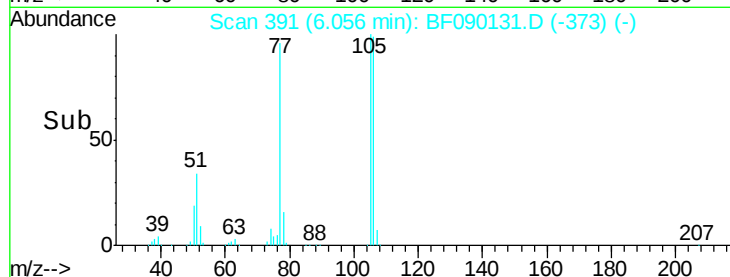
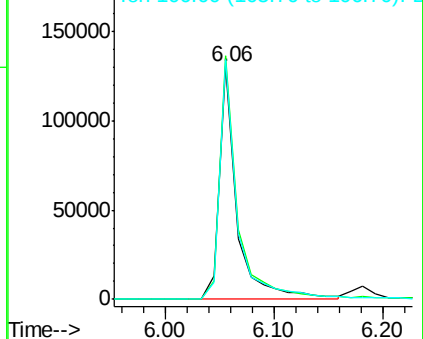
106 103.2 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 27.08 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

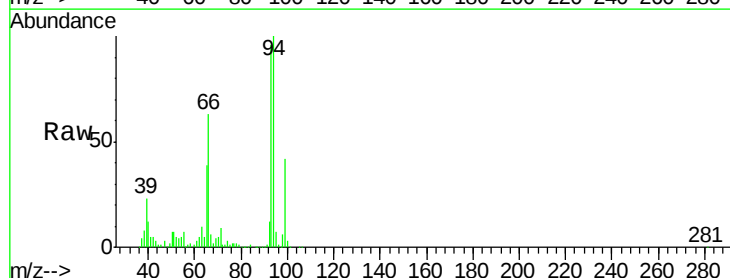
Tgt Ion: 94 Resp: 387790

Ion Ratio Lower Upper

94 100

65 38.7 20.6 60.6

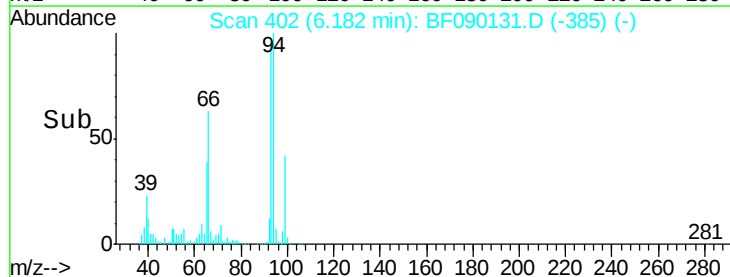
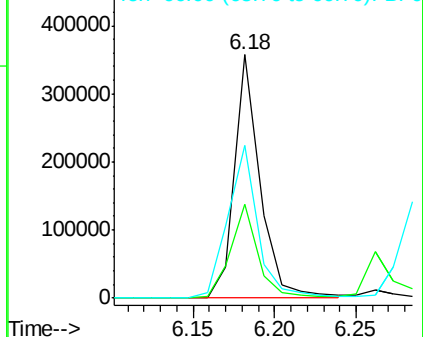
66 62.7 45.1 85.1

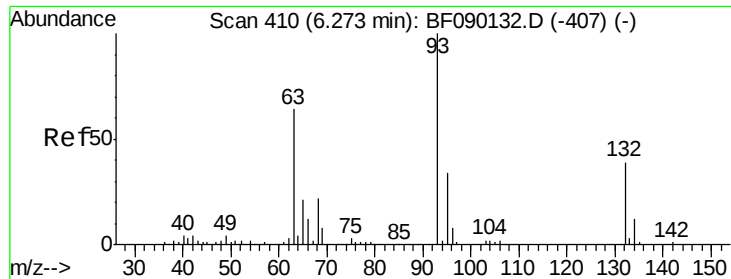


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

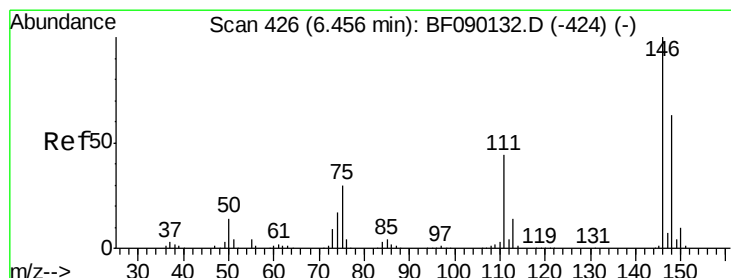
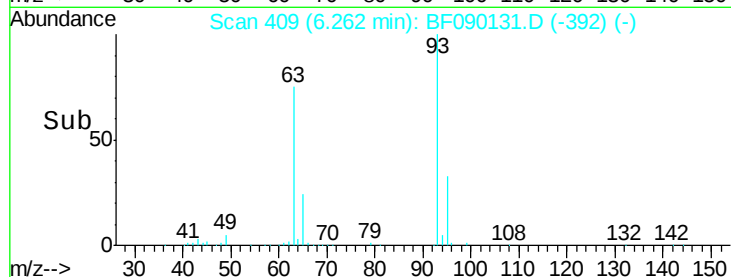
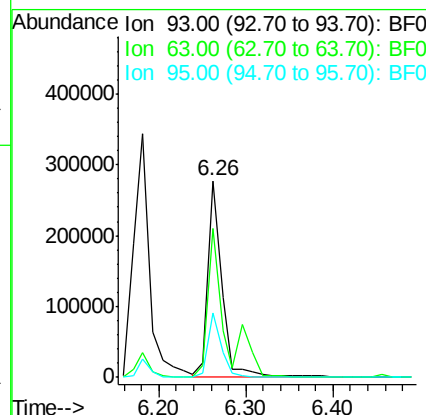
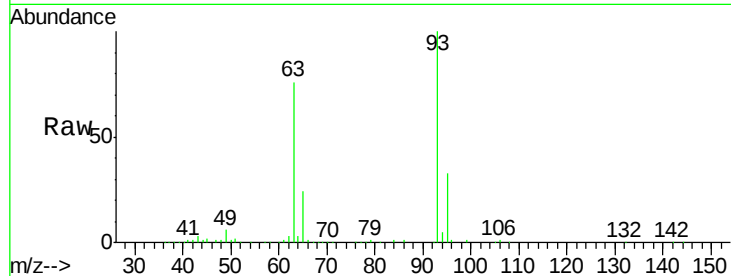




#11  
bis(2-Chloroethyl)ether  
Concen: 26.81 ng  
RT: 6.26 min Scan# 409  
Delta R.T. -0.01 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

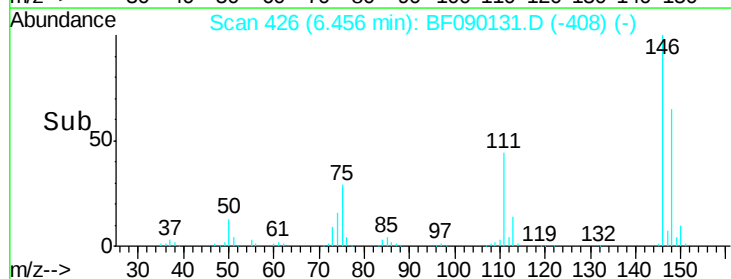
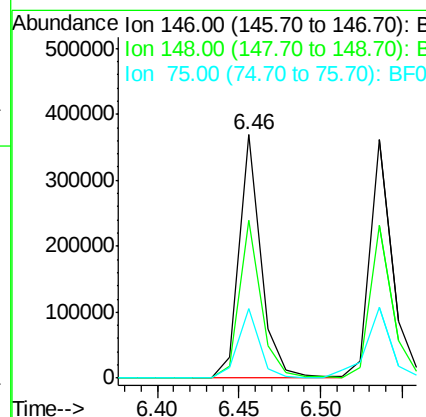
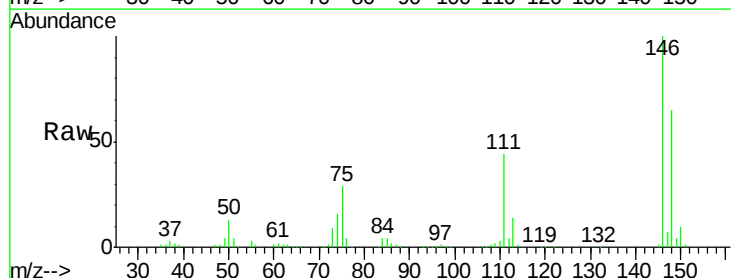
Instrument :  
BNA\_F  
ClientSampled :

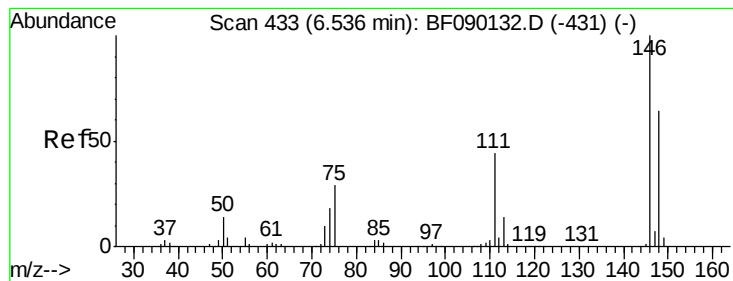
Tot Ion: 93 Resp: 307919  
Ion Ratio Lower Upper  
93 100  
63 75.7 55.6 95.6  
95 32.6 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 29.55 ng  
RT: 6.46 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Tgt Ion: 146 Resp: 341357  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.9 77.9  
75 28.6 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 29.11 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampled :

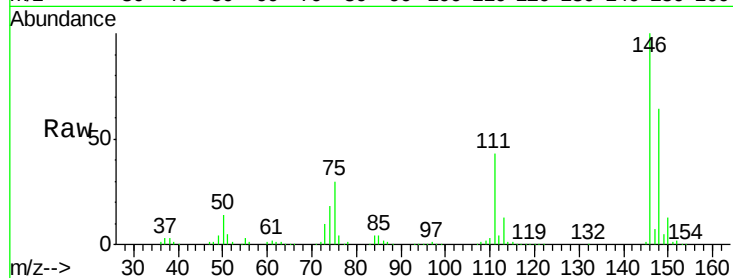
Tot Ion:146 Resp: 347151

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

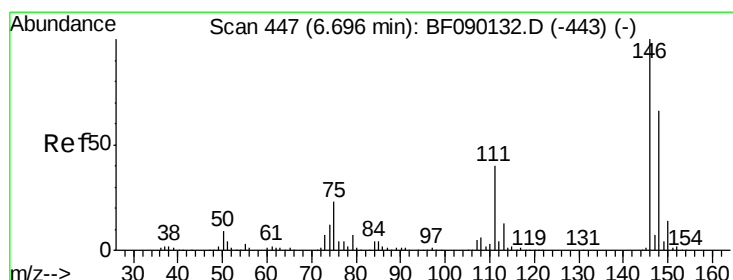
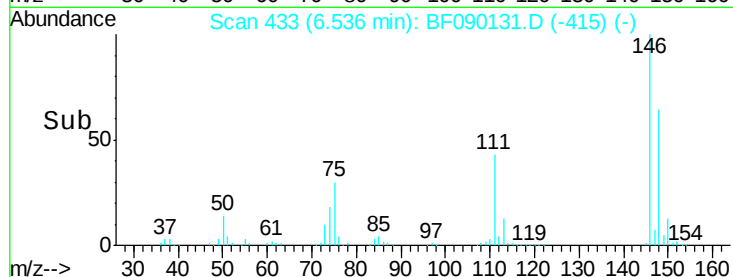
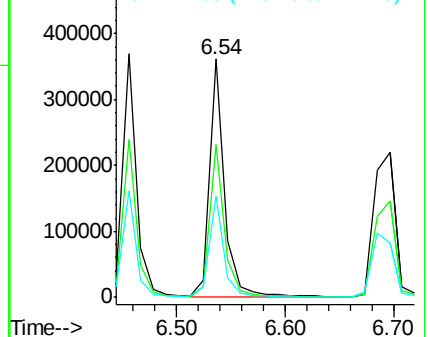
111 42.6 33.8 50.6



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: 28.11 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

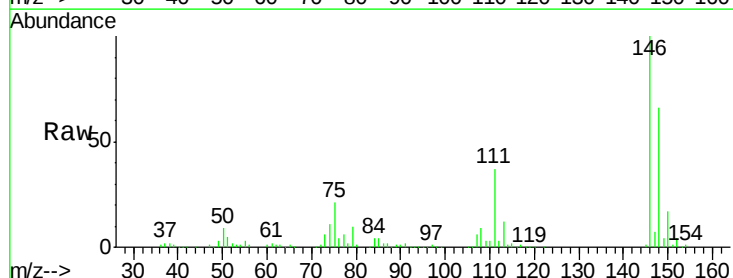
Tgt Ion:146 Resp: 304566

Ion Ratio Lower Upper

146 100

148 66.1 52.6 79.0

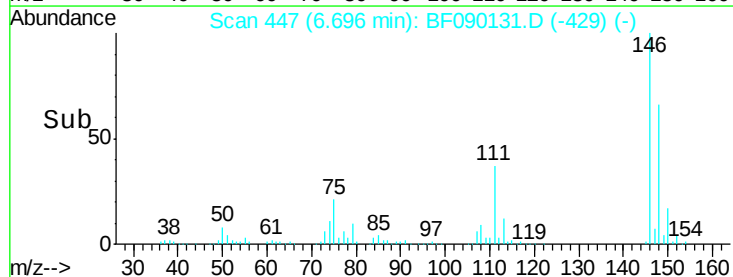
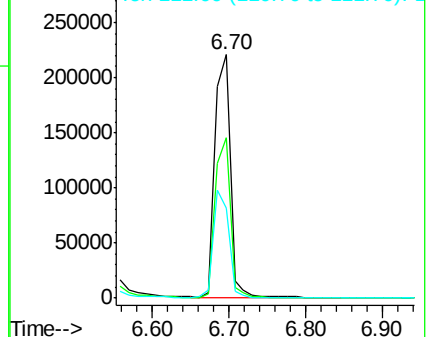
111 37.2 28.2 42.2

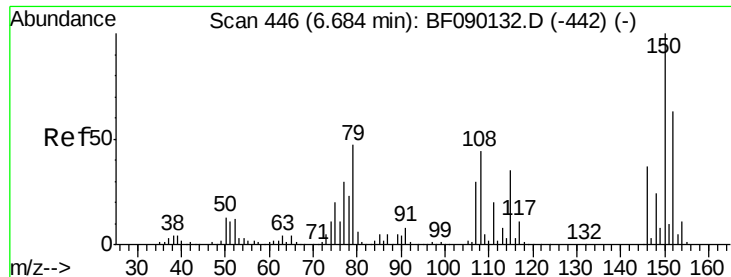


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

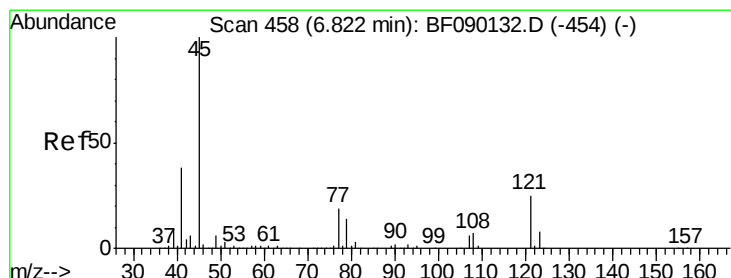
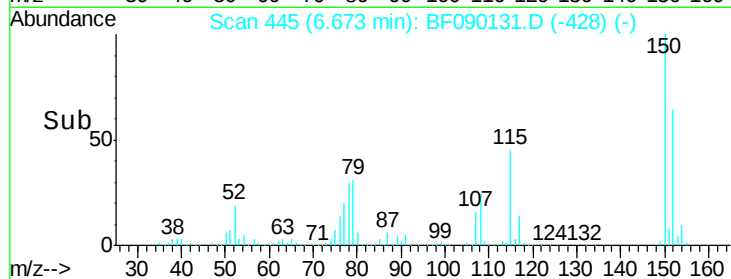
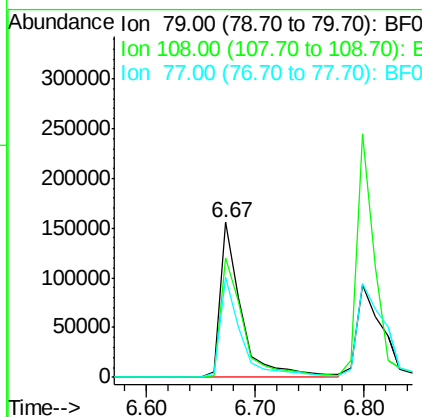
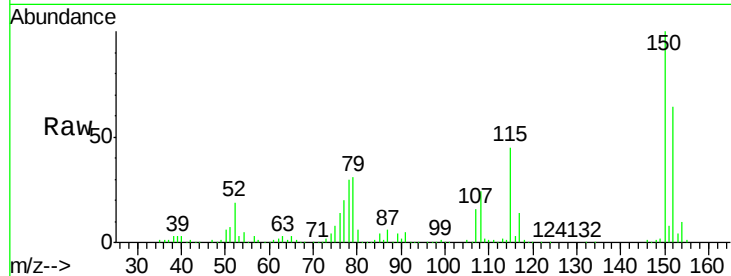




#15  
Benzyl Alcohol  
Concen: 29.66 ng  
RT: 6.67 min Scan# 445  
Delta R.T. -0.01 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

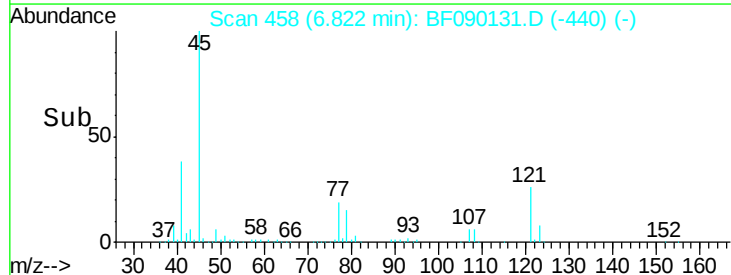
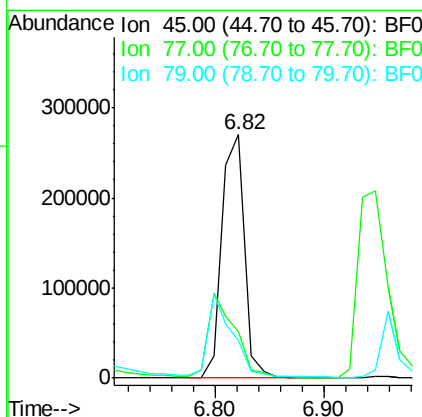
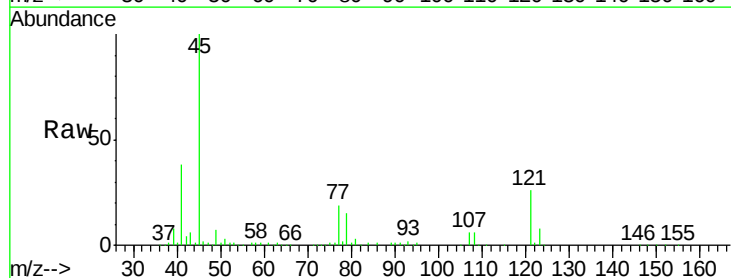
Instrument :  
BNA\_F  
ClientSampled :

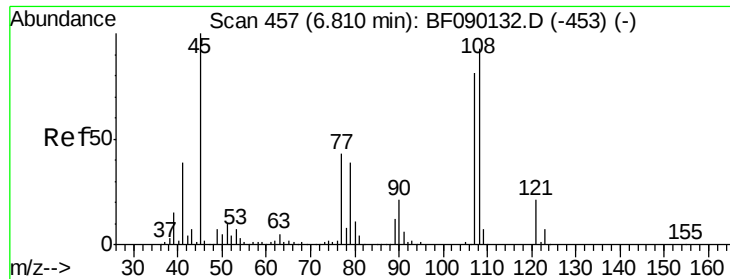
Tot Ion: 79 Resp: 213090  
Ion Ratio Lower Upper  
79 100  
108 76.8 62.2 93.4  
77 64.5 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 28.65 ng  
RT: 6.82 min Scan# 458  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Tgt Ion: 45 Resp: 389987  
Ion Ratio Lower Upper  
45 100  
77 18.8 0.5 40.5  
79 15.3 0.0 37.0





#17

2-Methylphenol

Concen: 27.03 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 248287

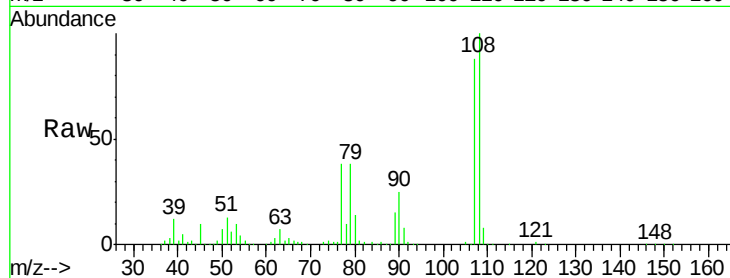
Ion Ratio Lower Upper

107 100

108 113.2 92.0 138.0

77 43.5 35.6 53.4

79 42.9 35.2 52.8

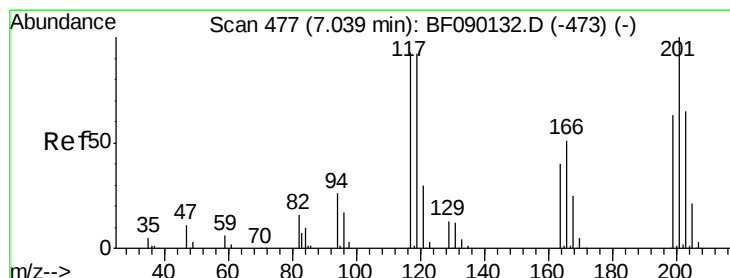
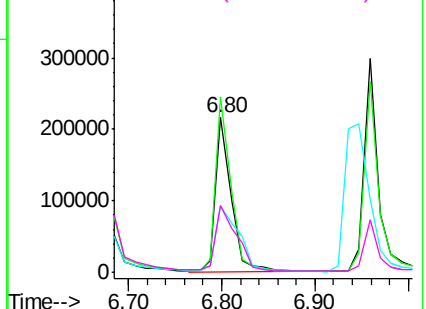
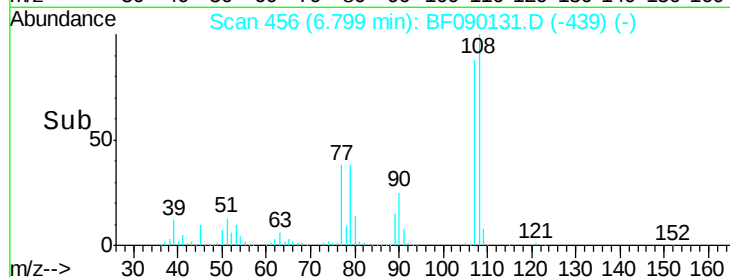


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.39 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

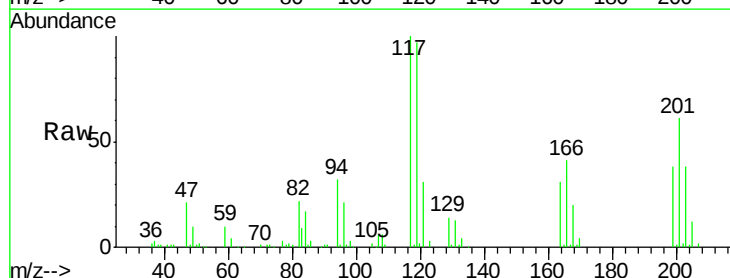
Tgt Ion:117 Resp: 118526

Ion Ratio Lower Upper

117 100

119 97.3 76.6 115.0

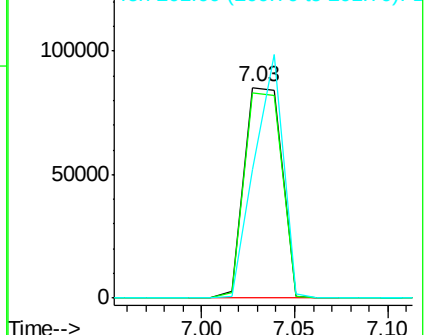
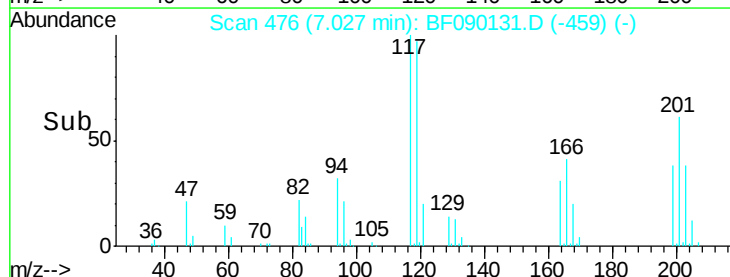
201 60.7 55.5 83.3

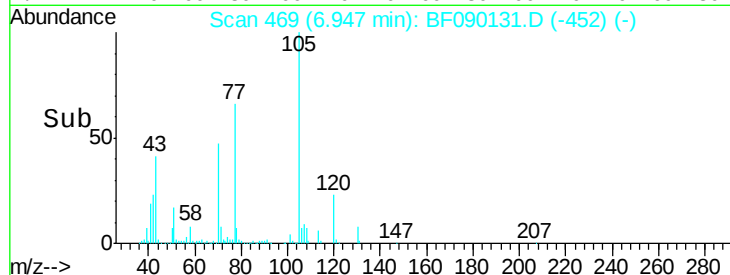
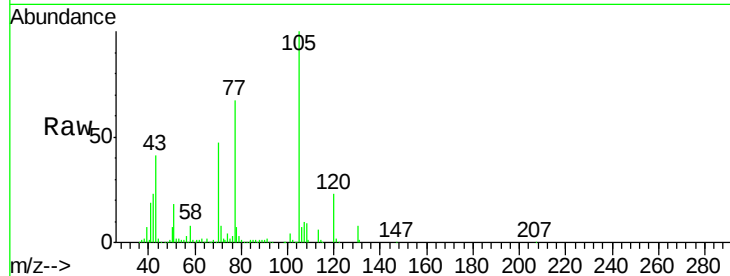


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

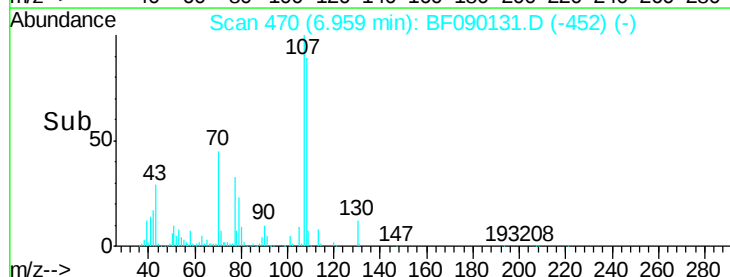
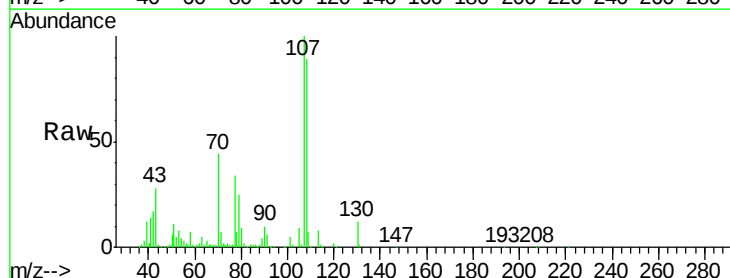
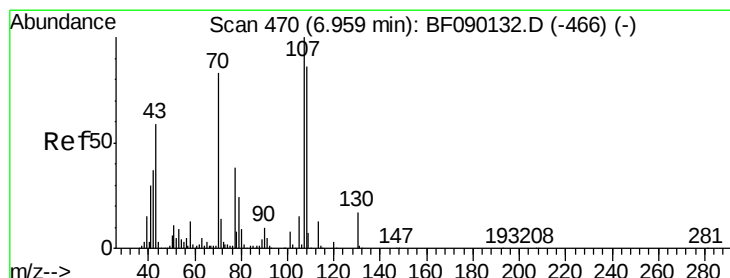
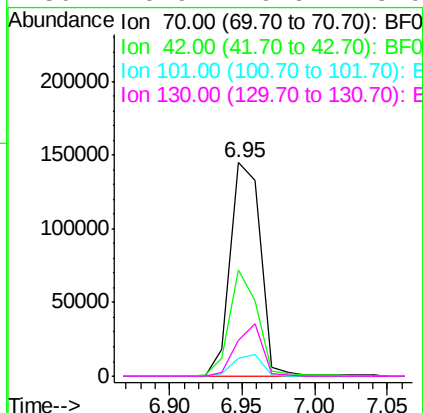




#19  
n-Nitroso-di-n-propylamine  
Concen: 26.62 ng  
RT: 6.95 min Scan# 469  
Delta R.T. -0.01 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

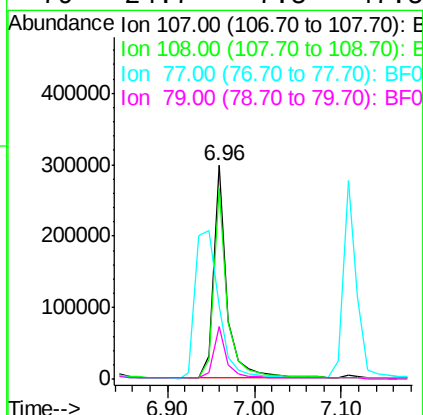
Instrument :  
BNA\_F  
ClientSampleId :

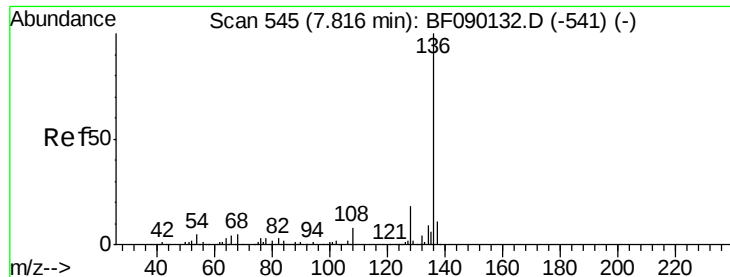
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 211032 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.5  | 35.1  | 52.7   |
| 101      | 8.4   | 7.5   | 11.3   |
| 130      | 16.9  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 29.25 ng  
RT: 6.96 min Scan# 470  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 326138 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.1  | 73.3  | 113.3  |
| 77       | 34.0  | 14.1  | 54.1   |
| 79       | 24.7  | 7.5   | 47.5   |

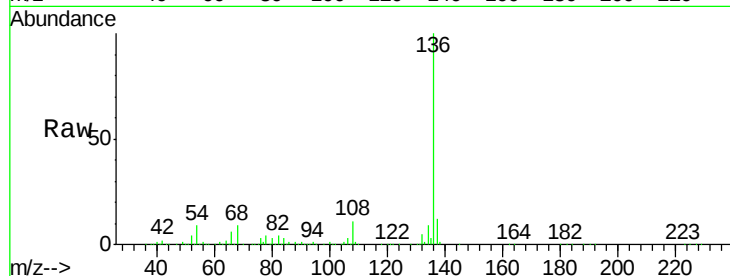




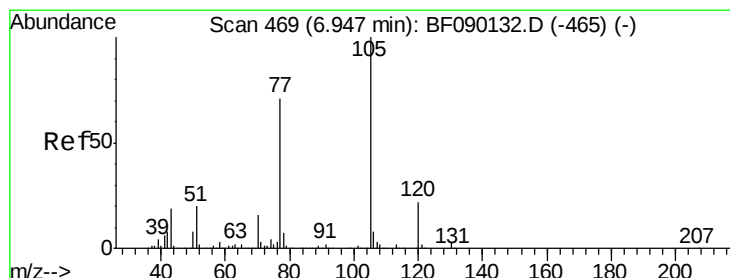
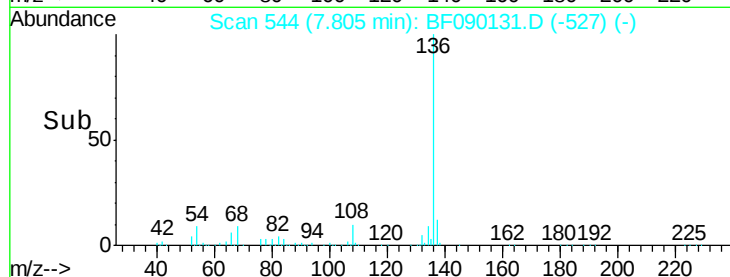
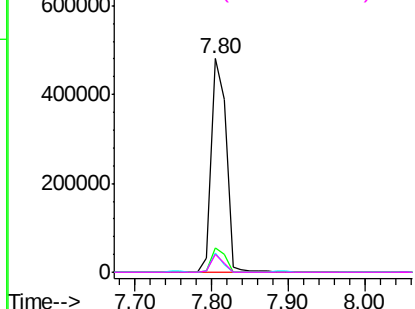
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.80 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Instrument :  
BNA\_F  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 639441 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.6    | 9.0 13.4     |
| 54 9.1      | 6.4 9.6      |
| 68 8.6      | 6.3 9.5      |

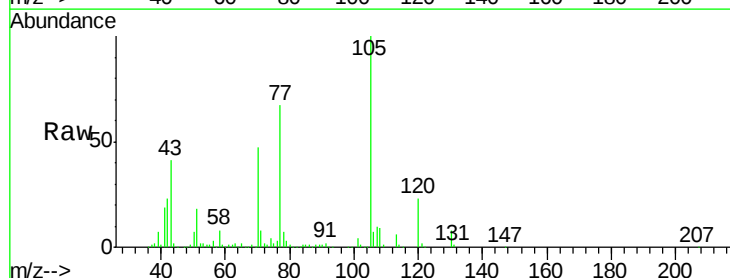


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

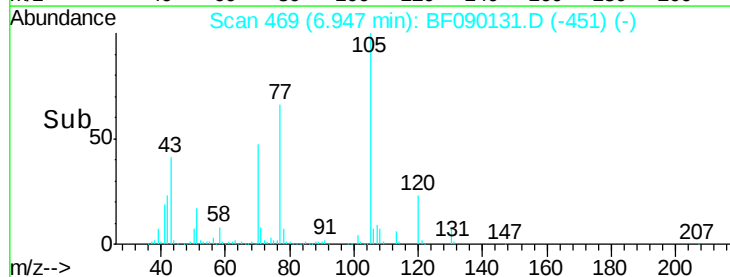
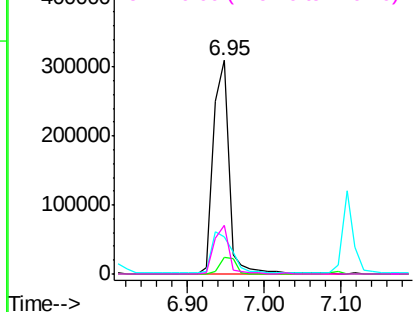


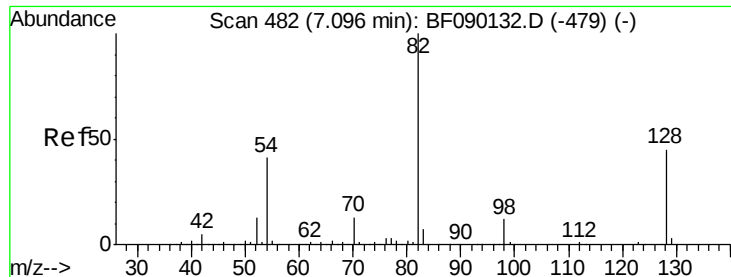
#22  
Acetophenone  
Concen: 28.33 ng  
RT: 6.95 min Scan# 469  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 438446 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.8     | 4.1   | 6.1#   |
| 51  | 17.5    | 16.2  | 24.2   |
| 120 | 22.7    | 18.2  | 27.2   |



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

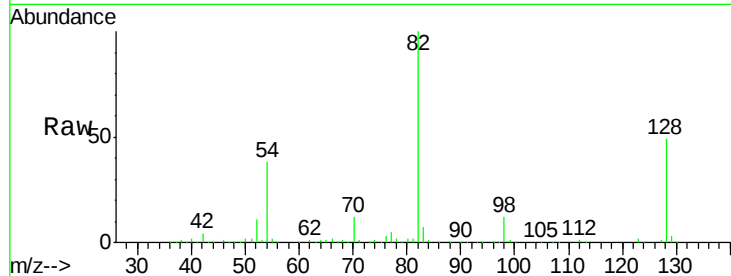




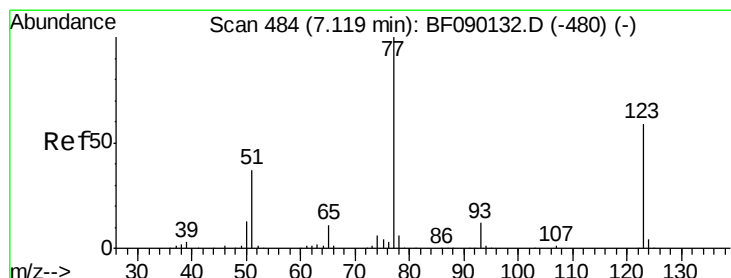
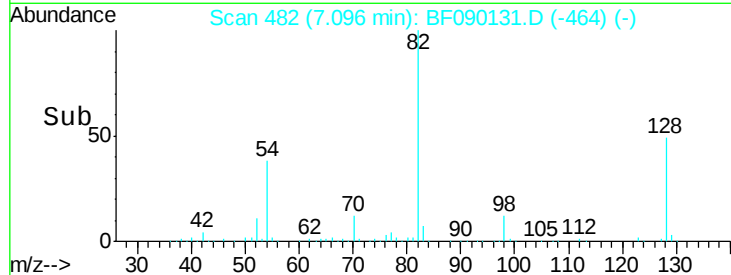
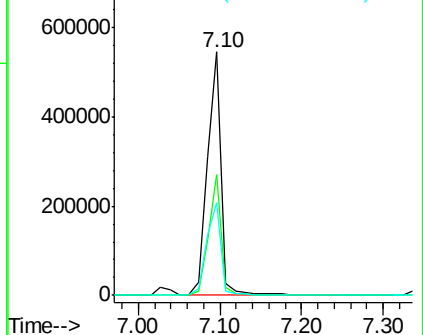
#23  
Nitrobenzene-d5  
Concen: 57.48 ng  
RT: 7.10 min Scan# 482  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 653725  
Ion Ratio Lower Upper  
82 100  
128 49.4 37.5 56.3  
54 37.9 31.9 47.9

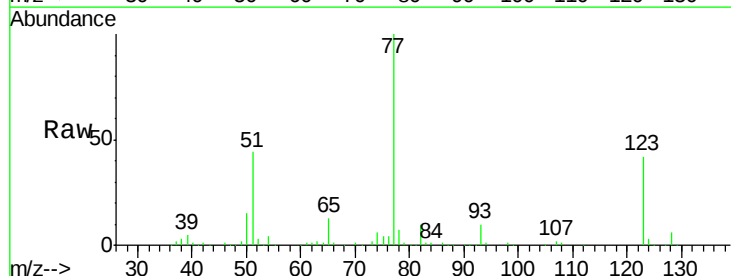


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

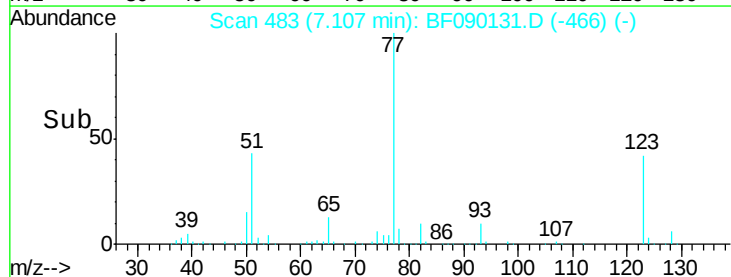
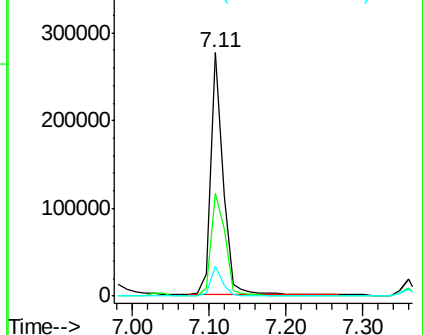


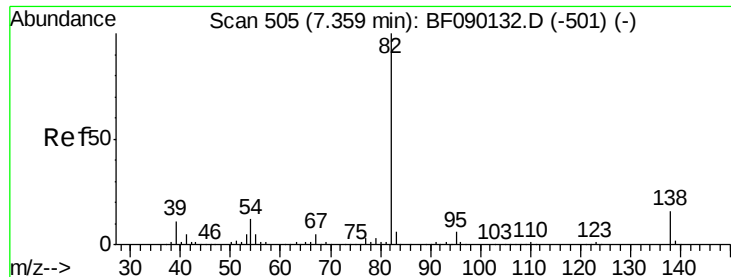
#24  
Nitrobenzene  
Concen: 25.62 ng  
RT: 7.11 min Scan# 483  
Delta R.T. -0.01 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Tgt Ion: 77 Resp: 306902  
Ion Ratio Lower Upper  
77 100  
123 42.2 33.4 50.2  
65 12.5 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 27.08 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

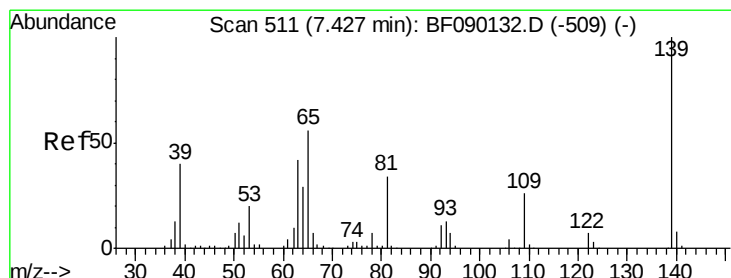
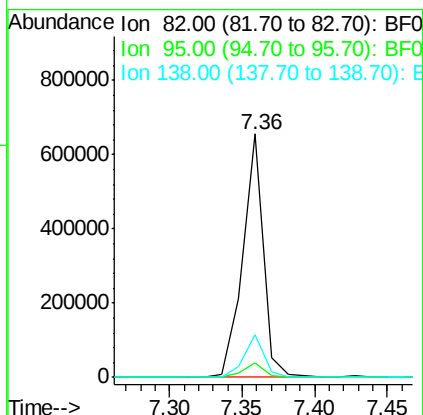
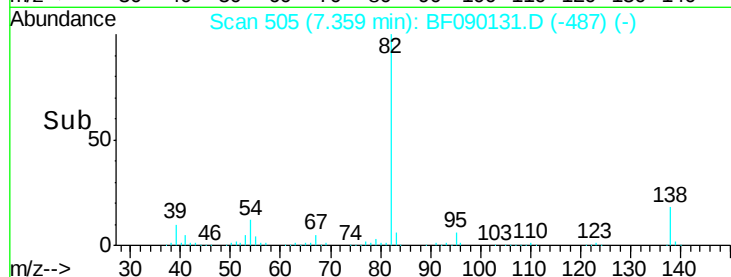
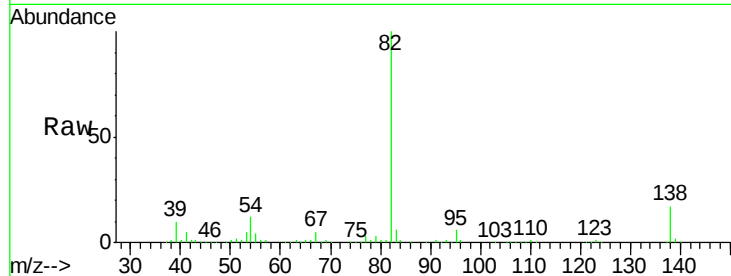
Tot Ion: 82 Resp: 644820

Ion Ratio Lower Upper

82 100

95 6.1 5.1 7.7

138 17.5 13.5 20.3



#26

2-Nitrophenol

Concen: 27.80 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

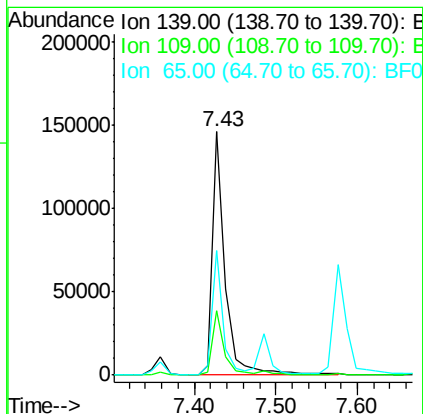
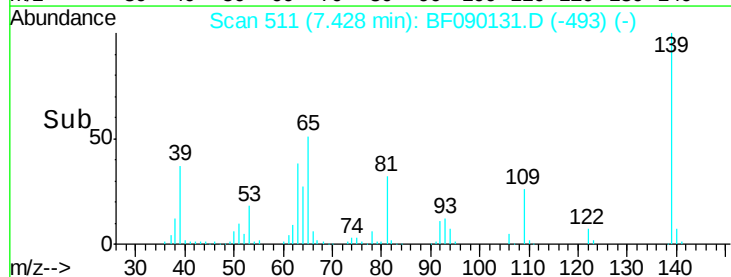
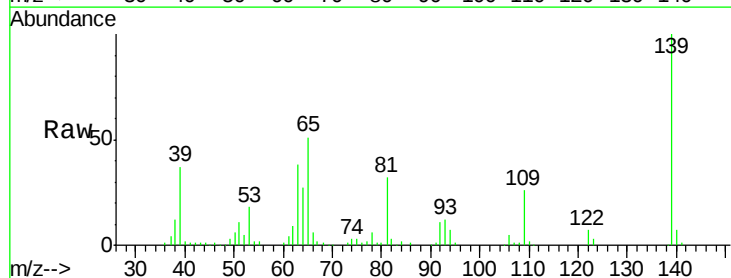
Tgt Ion: 139 Resp: 161467

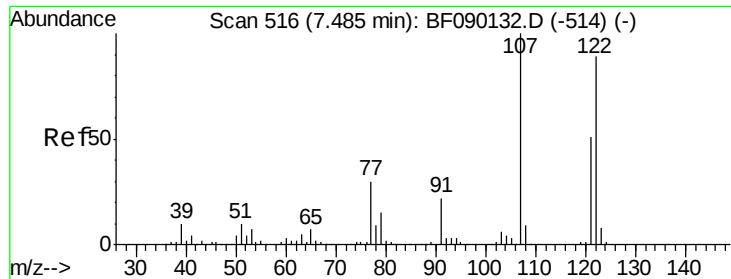
Ion Ratio Lower Upper

139 100

109 26.5 20.5 30.7

65 51.0 37.9 56.9

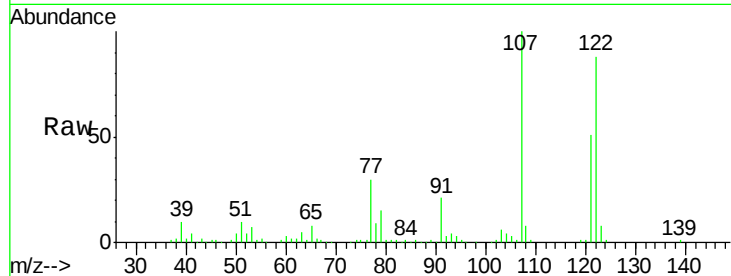




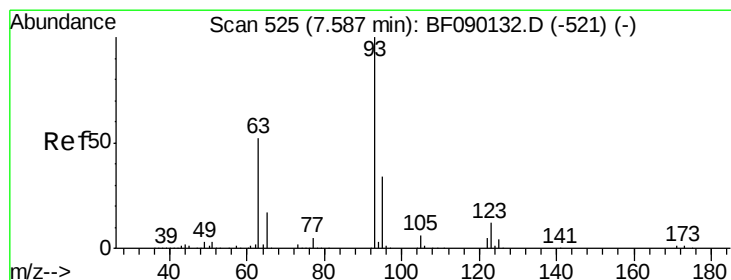
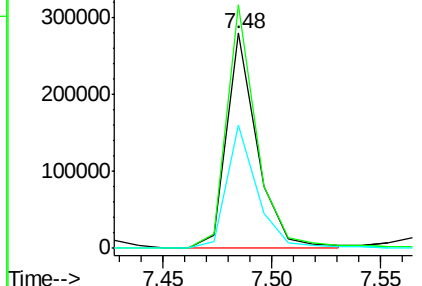
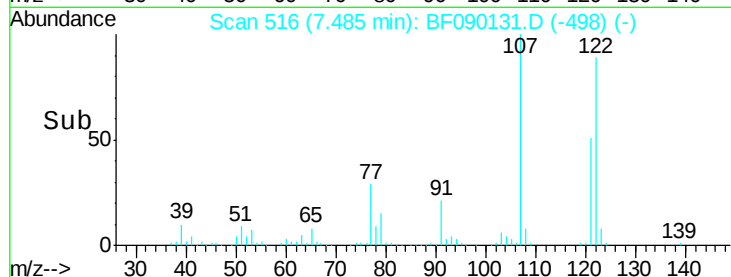
#27  
 2,4-Dimethylphenol  
 Concen: 26.52 ng  
 RT: 7.48 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.2 | 87.8  | 131.6 |
| 121     | 57.2  | 45.7  | 68.5  |

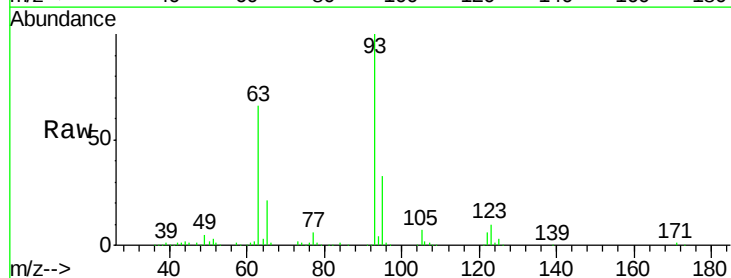


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

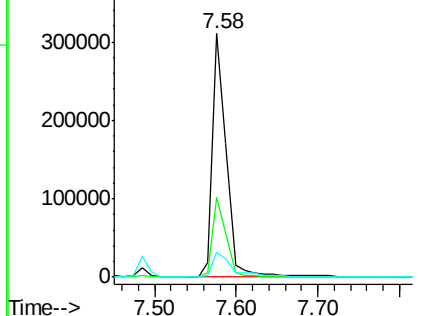
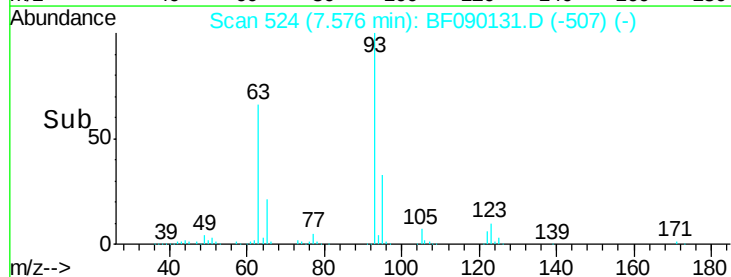


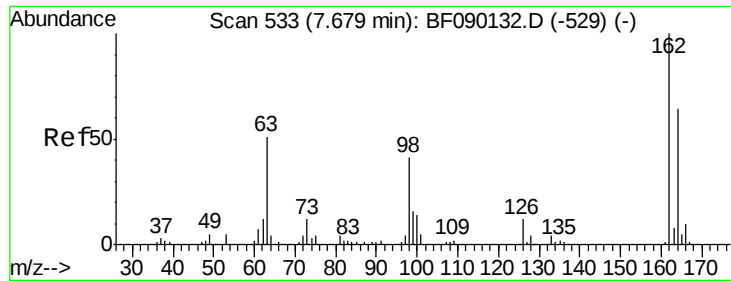
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 26.85 ng  
 RT: 7.58 min Scan# 524  
 Delta R.T. -0.01 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 26.8  | 40.2  |
| 123     | 10.0  | 8.5   | 12.7  |



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

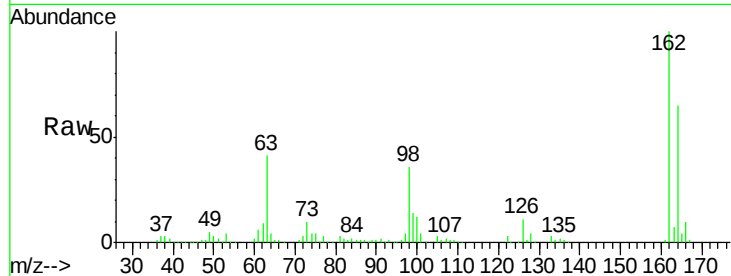




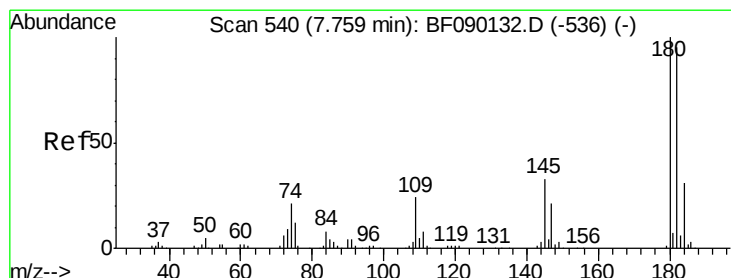
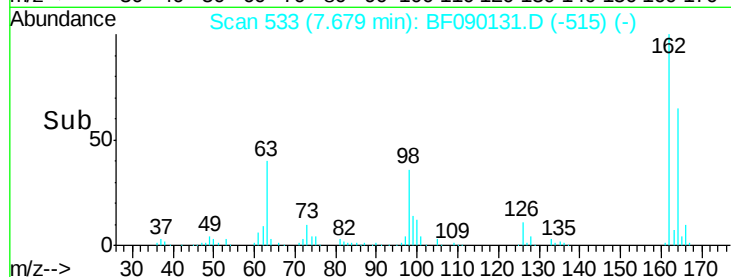
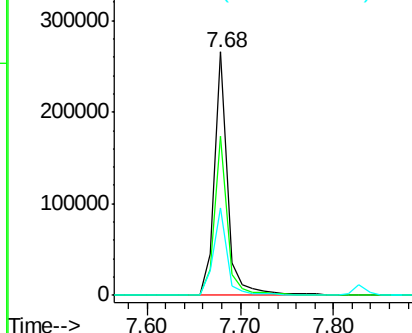
#29  
 2,4-Dichlorophenol  
 Concen: 28.92 ng  
 RT: 7.68 min Scan# 533  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 46.2  | 86.2  |
| 98      | 35.7  | 10.4  | 50.4  |

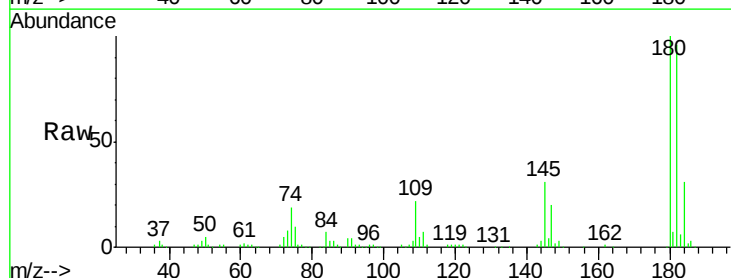


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

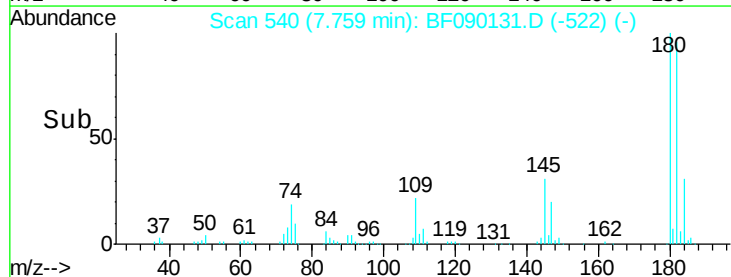
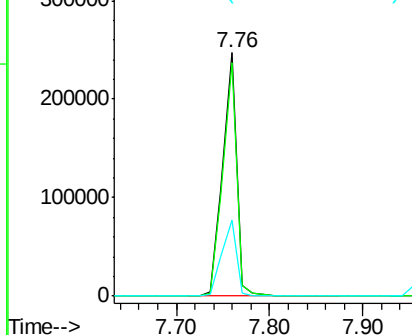


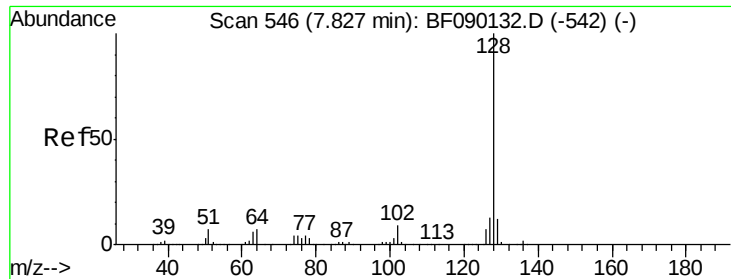
#30  
 1,2,4-Trichlorobenzene  
 Concen: 28.97 ng  
 RT: 7.76 min Scan# 540  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 75.0  | 112.6 |
| 145     | 31.0  | 28.6  | 42.8  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

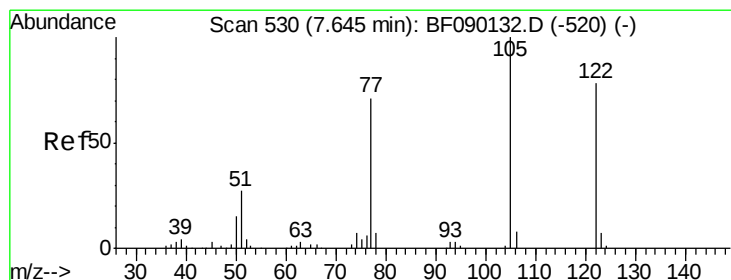
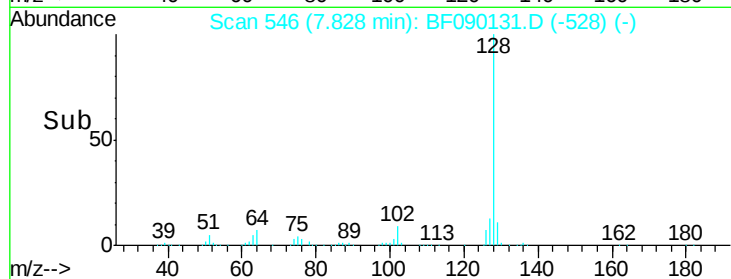
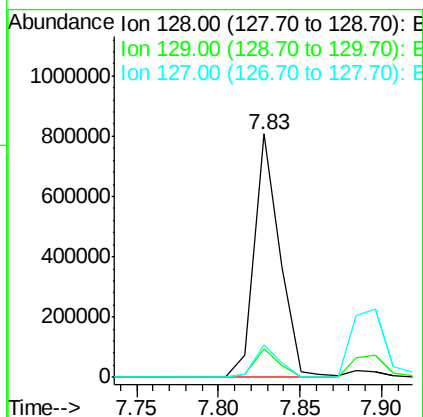
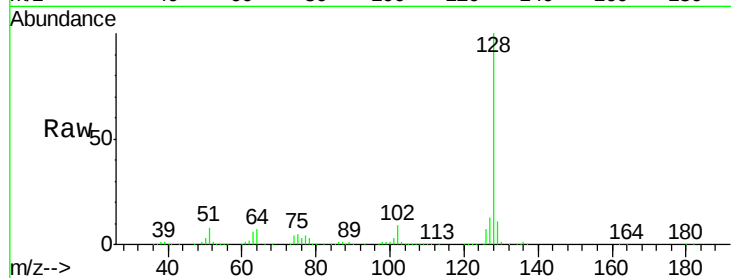




#31  
Naphthalene  
Concen: 27.94 ng  
RT: 7.83 min Scan# 546  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

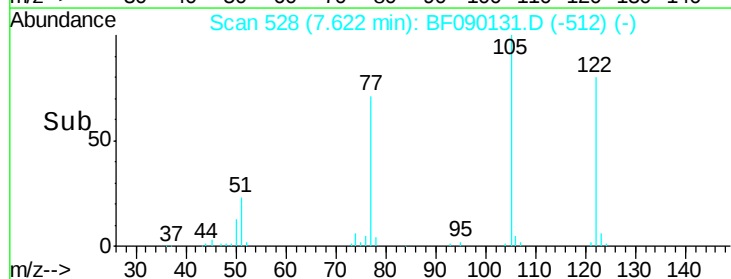
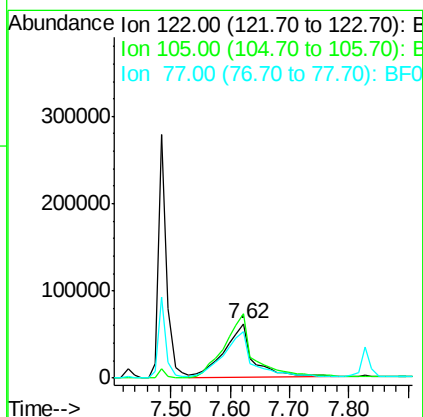
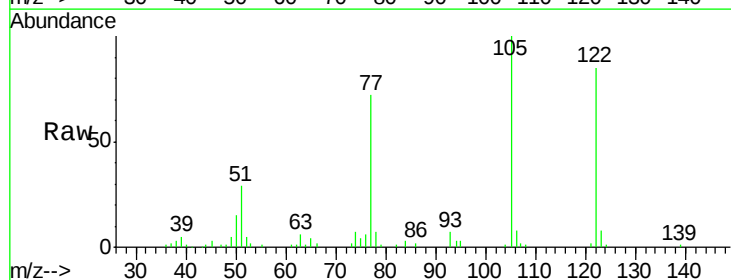
Instrument :  
BNA\_F  
ClientSampleId :

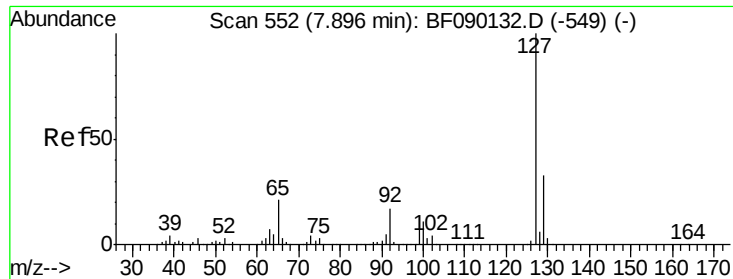
| Tot Ion | 128   | Resp  | 878129 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 129     | 11.5  | 9.3   | 13.9   |
| 127     | 13.3  | 10.8  | 16.2   |



#32  
Benzoic acid  
Concen: 27.39 ng  
RT: 7.62 min Scan# 528  
Delta R.T. -0.02 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

| Tgt Ion | 122   | Resp  | 201167 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 122     | 100   |       |        |
| 105     | 118.3 | 105.0 | 145.0  |
| 77      | 85.1  | 70.4  | 110.4  |

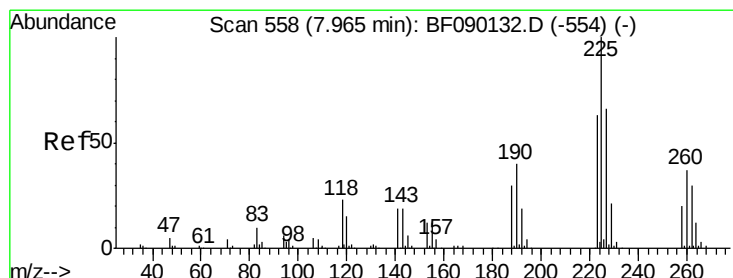
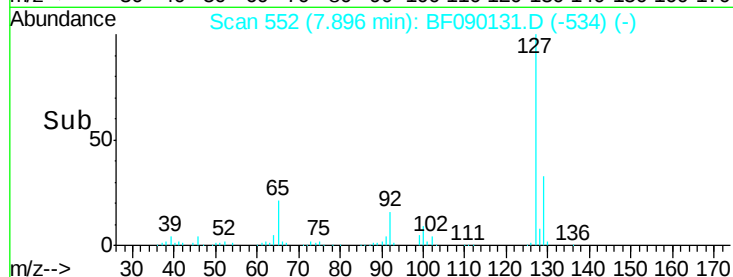
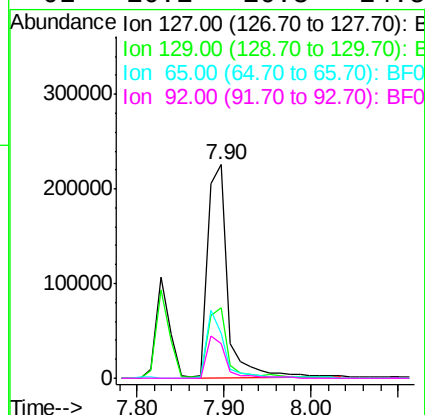
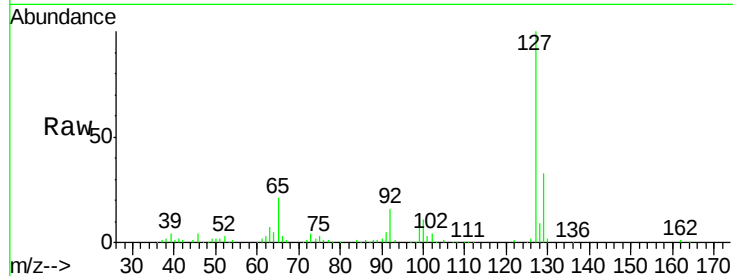




#33  
4-Chloroaniline  
Concen: 26.87 ng  
RT: 7.90 min Scan# 552  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

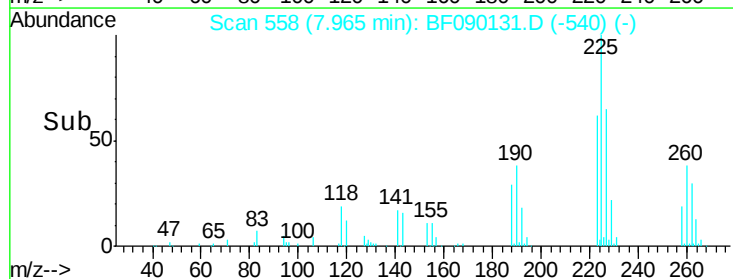
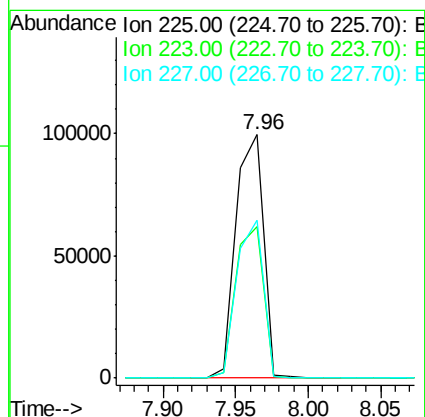
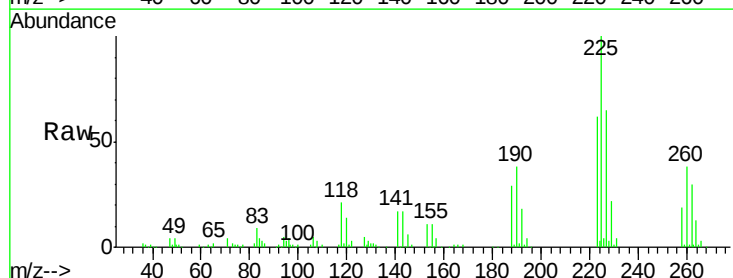
Instrument :  
BNA\_F  
ClientSampleId :

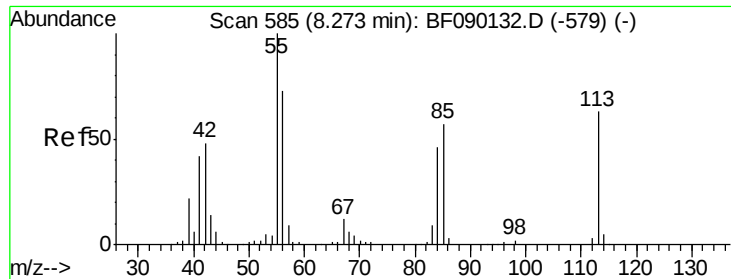
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 359451 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.3  | 25.8  | 38.6   |
| 65       | 20.8  | 24.1  | 36.1#  |
| 92       | 16.1  | 16.3  | 24.5#  |



#34  
Hexachlorobutadiene  
Concen: 28.84 ng  
RT: 7.96 min Scan# 558  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 131529 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 51.3  | 76.9   |
| 227      | 64.9  | 51.4  | 77.0   |

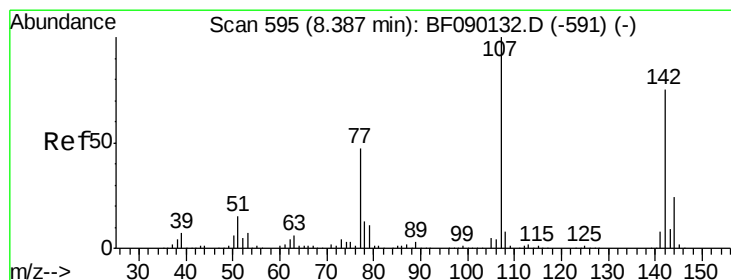
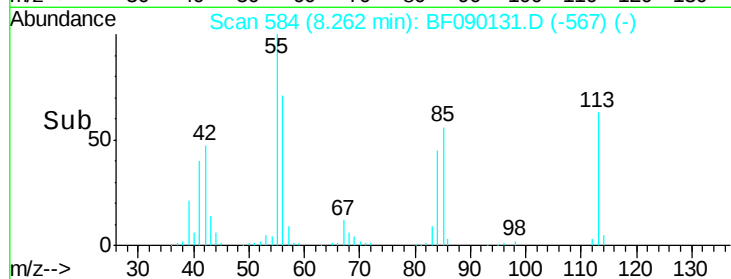
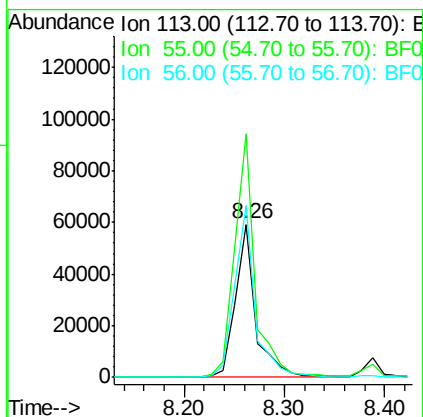
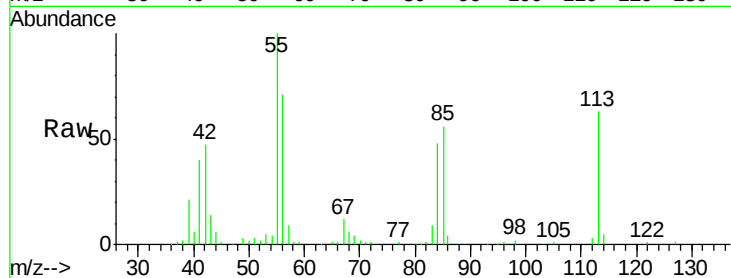




#35  
 Caprolactam  
 Concen: 27.26 ng  
 RT: 8.26 min Scan# 584  
 Delta R.T. -0.01 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

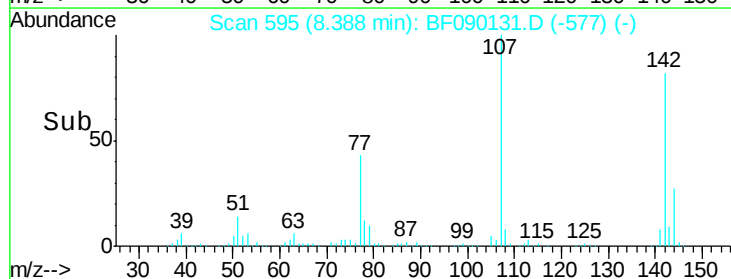
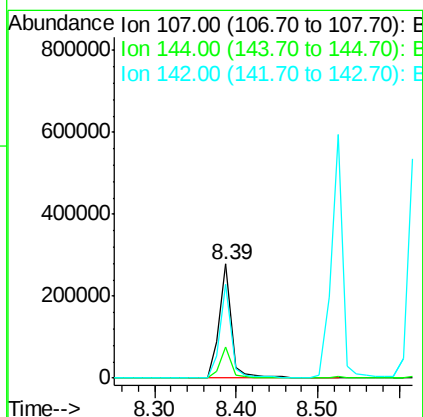
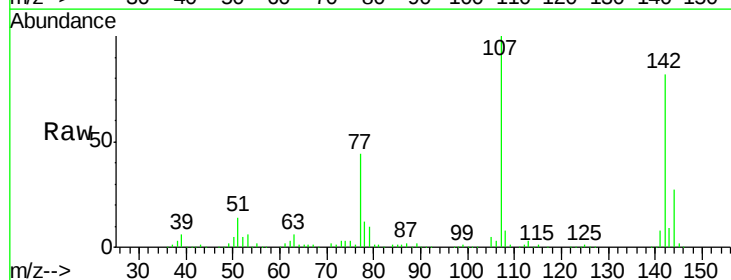
Instrument :  
 BNA\_F  
 ClientSampleId :

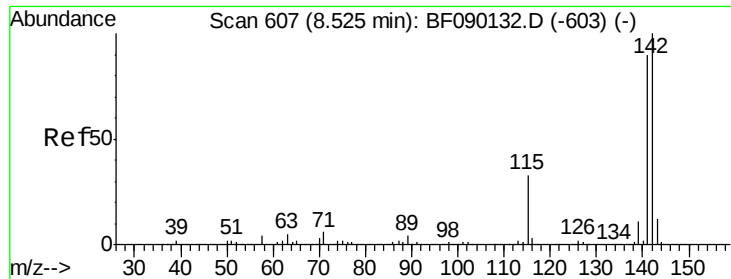
Tot Ion:113 Resp: 82183  
 Ion Ratio Lower Upper  
 113 100  
 55 159.4 134.5 174.5  
 56 112.8 93.7 133.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 28.21 ng  
 RT: 8.39 min Scan# 595  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Tgt Ion:107 Resp: 295716  
 Ion Ratio Lower Upper  
 107 100  
 144 27.0 18.6 27.8  
 142 81.9 57.0 85.6

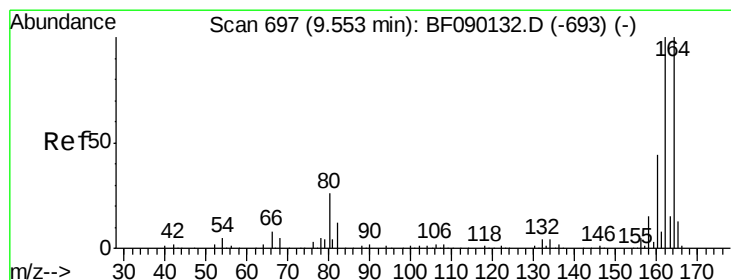
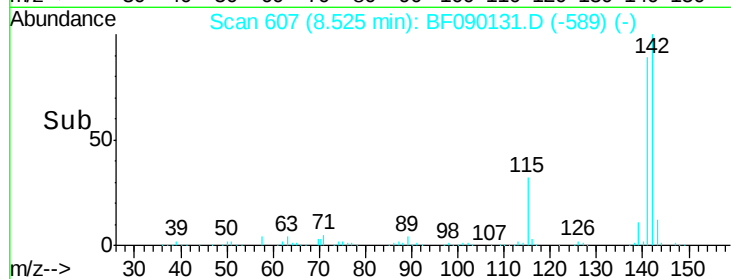
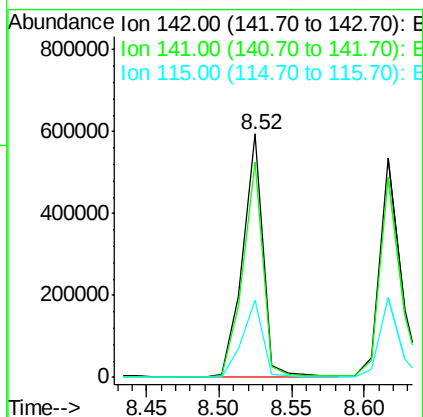
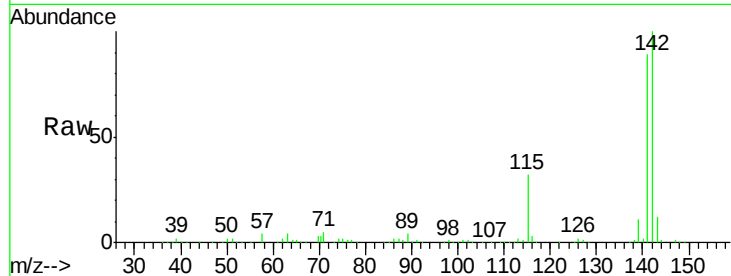




#37  
2-Methylnaphthalene  
Concen: 29.46 ng  
RT: 8.52 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

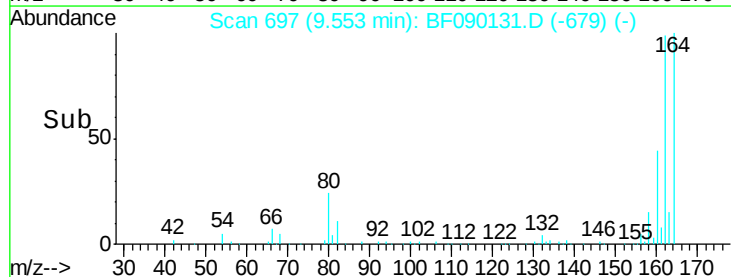
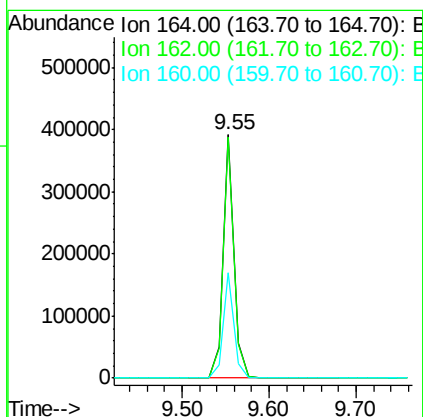
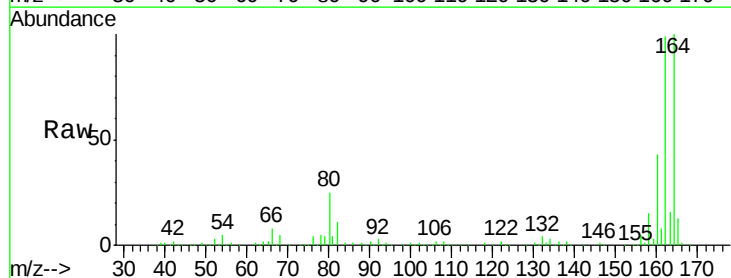
Instrument :  
BNA\_F  
ClientSampleId :

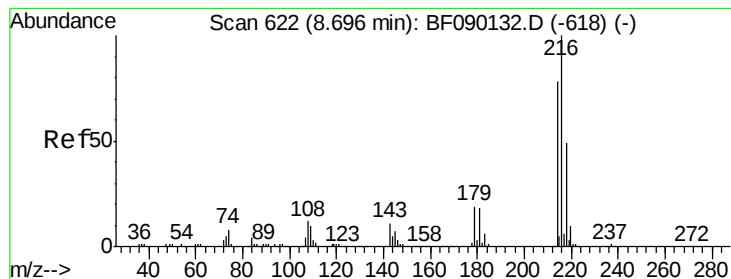
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.7  | 71.4  | 107.2 |
| 115     | 31.5  | 28.3  | 42.5  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.55 min Scan# 697  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.0  | 81.4  | 122.2 |
| 160     | 43.4  | 36.6  | 54.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.67 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 220204

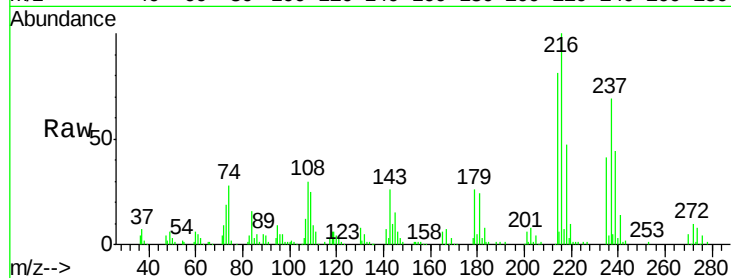
Ion Ratio Lower Upper

216 100

214 80.7 63.7 95.5

179 22.0 18.5 27.7

108 22.2 19.5 29.3

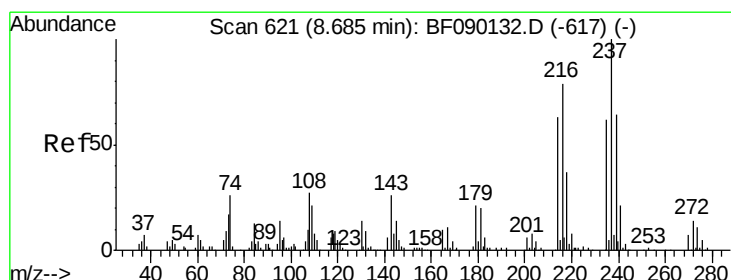
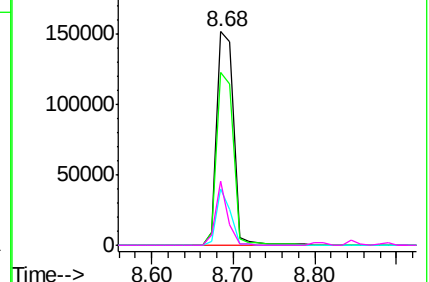
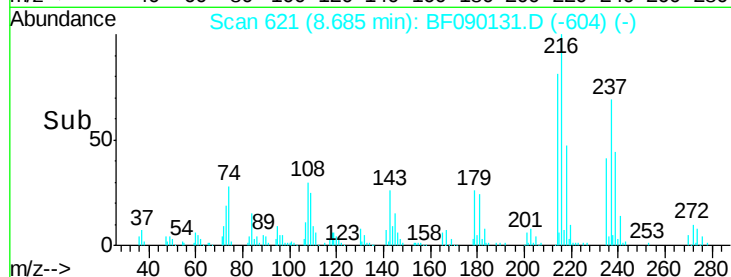


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.02 ng

RT: 8.68 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

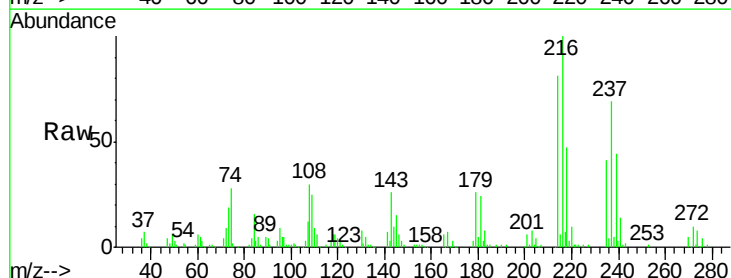
Tgt Ion:237 Resp: 111412

Ion Ratio Lower Upper

237 100

235 59.7 42.5 82.5

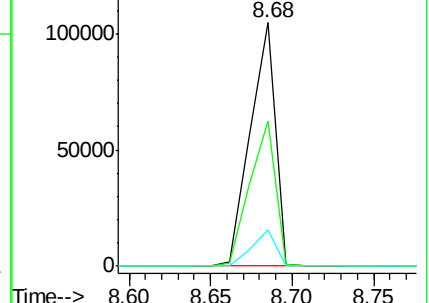
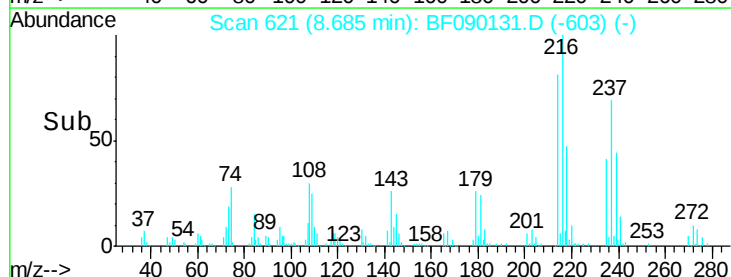
272 14.9 0.0 32.0

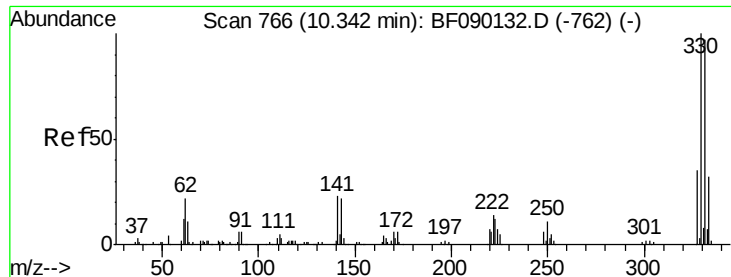


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

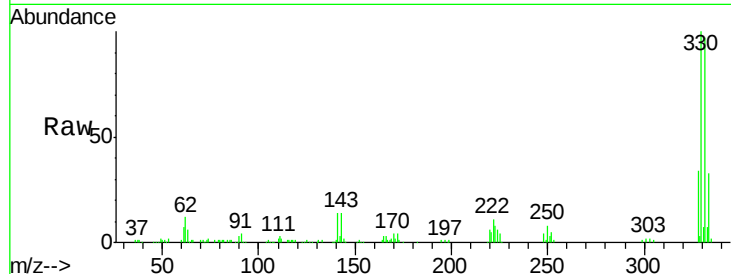




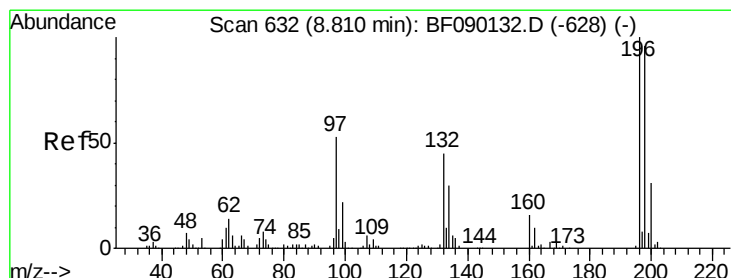
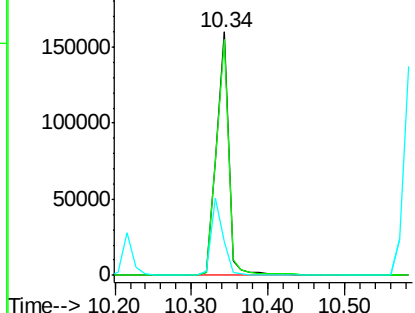
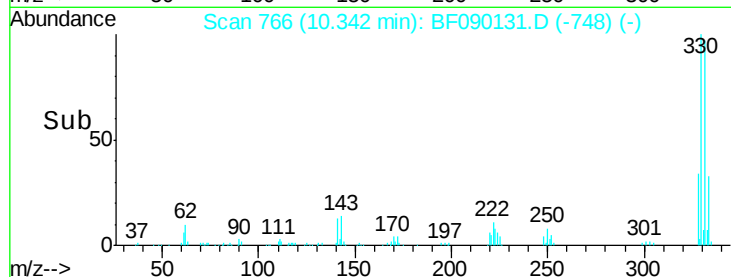
#41  
 2,4,6-Tribromophenol  
 Concen: 51.16 ng  
 RT: 10.34 min Scan# 766  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 178372  
 Ion Ratio Lower Upper  
 330 100  
 332 98.1 78.1 117.1  
 141 32.0 23.9 35.9

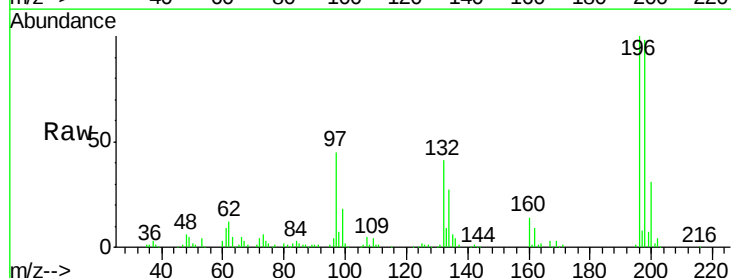


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

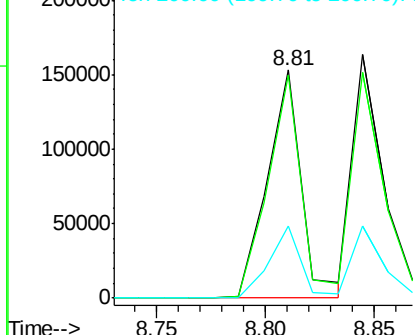
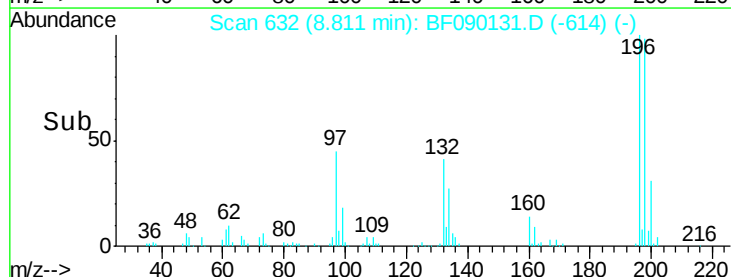


#42  
 2,4,6-Trichlorophenol  
 Concen: 26.01 ng  
 RT: 8.81 min Scan# 632  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Tgt Ion:196 Resp: 168232  
 Ion Ratio Lower Upper  
 196 100  
 198 97.7 76.3 114.5  
 200 31.5 24.1 36.1



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

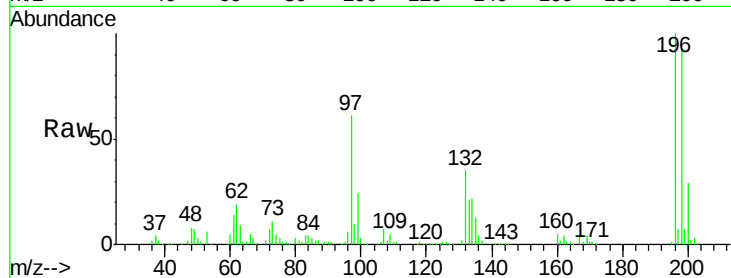




#43  
 2,4,5-Trichlorophenol  
 Concen: 24.33 ng  
 RT: 8.84 min Scan# 635  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.6  | 76.6  | 114.8 |
| 97      | 60.9  | 34.4  | 51.6  |
| 132     | 34.7  | 22.2  | 33.2  |



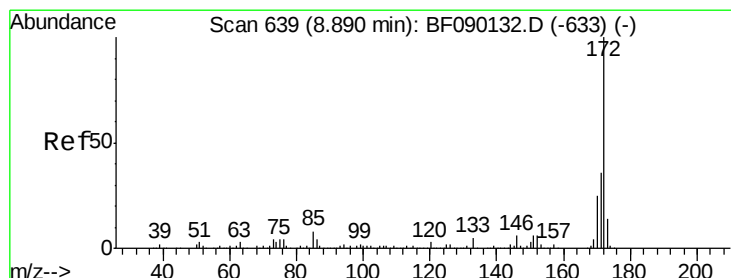
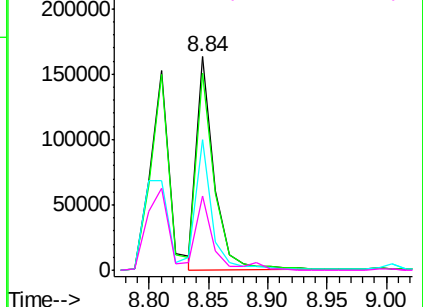
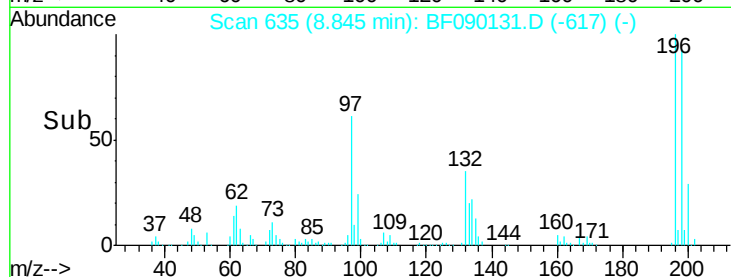
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

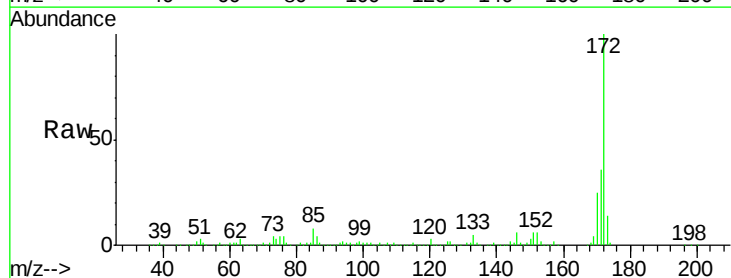
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 46.06 ng  
 RT: 8.89 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.1  | 29.2  | 43.8  |
| 170     | 24.8  | 19.8  | 29.8  |

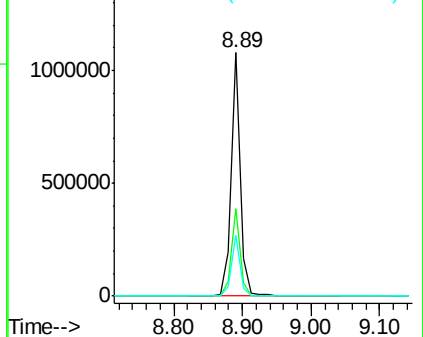
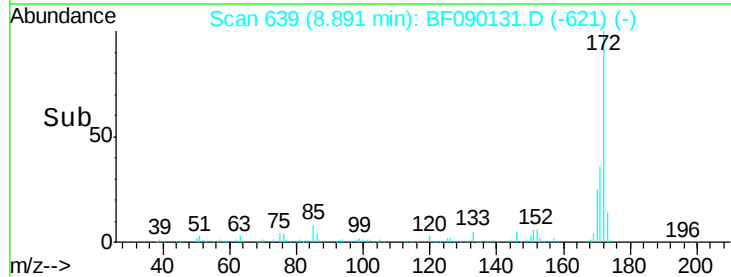


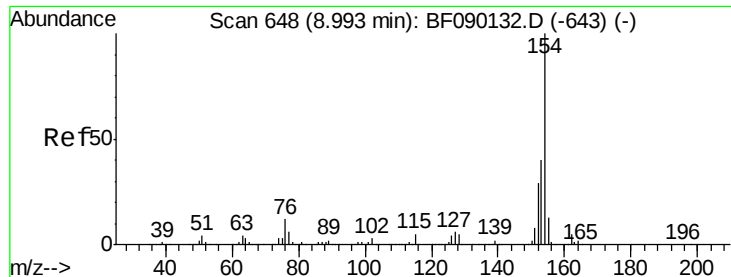
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

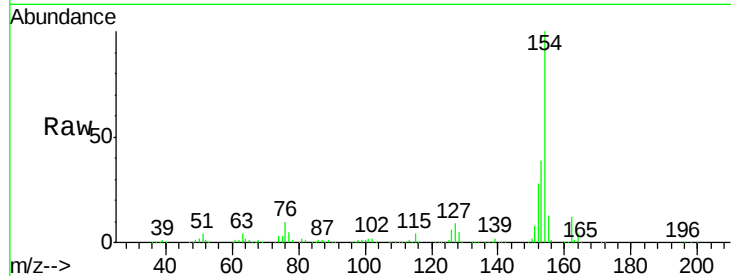




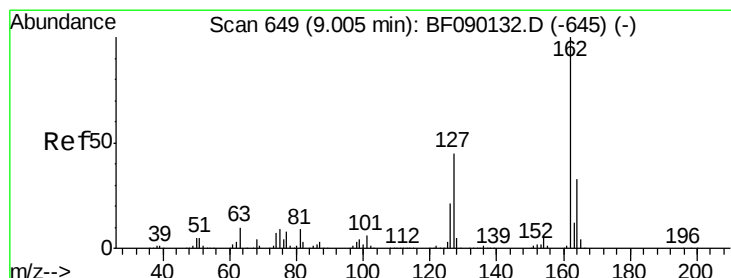
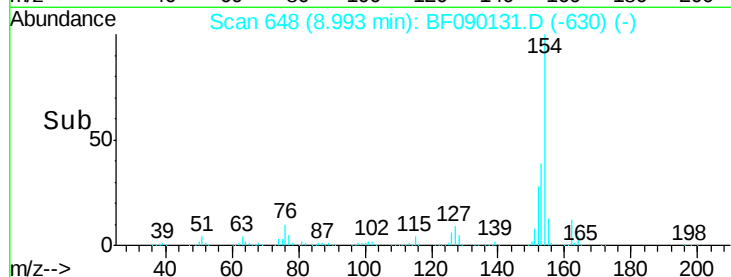
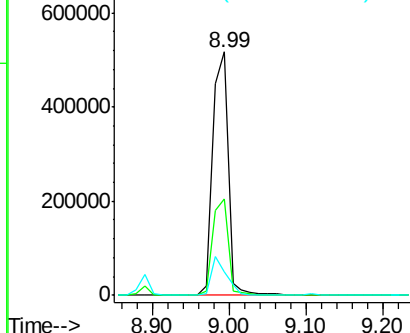
#45  
 1,1'-Biphenyl  
 Concen: 25.33 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:154 Resp: 719386  
 Ion Ratio Lower Upper  
 154 100  
 153 39.4 20.6 60.6  
 76 9.8 0.0 36.7

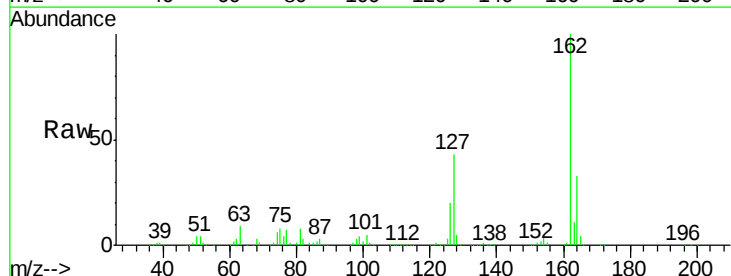


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

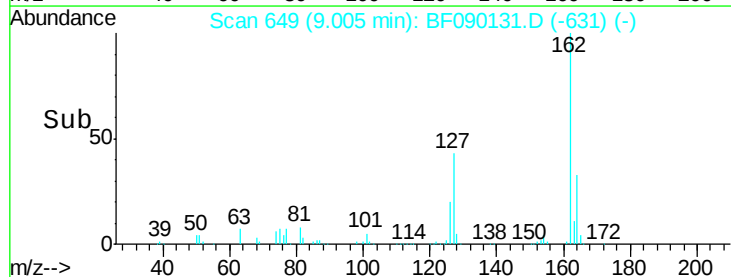
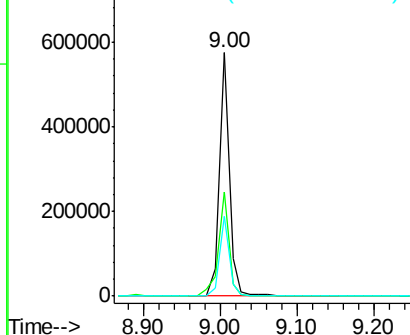


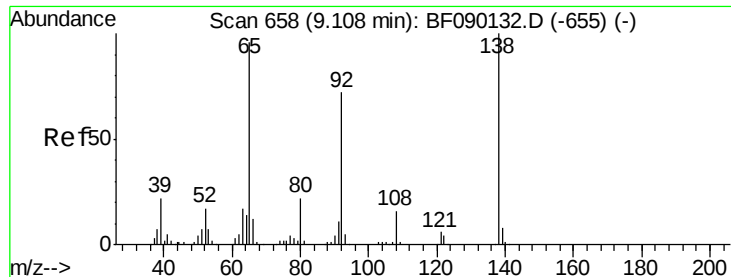
#46  
 2-Chloronaphthalene  
 Concen: 24.68 ng  
 RT: 9.00 min Scan# 649  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Tgt Ion:162 Resp: 519395  
 Ion Ratio Lower Upper  
 162 100  
 127 43.0 34.0 51.0  
 164 32.8 26.8 40.2



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

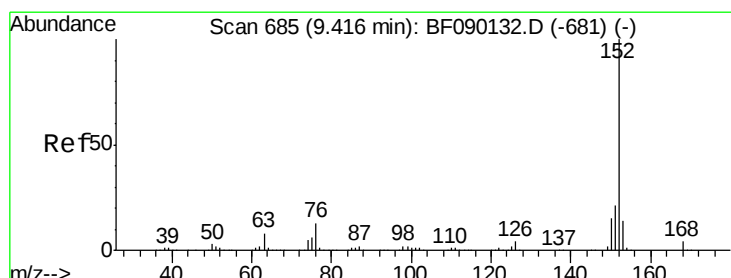
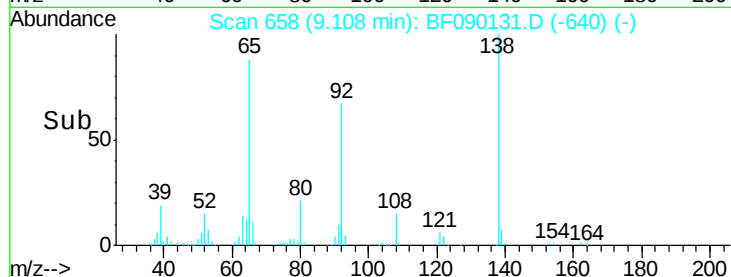
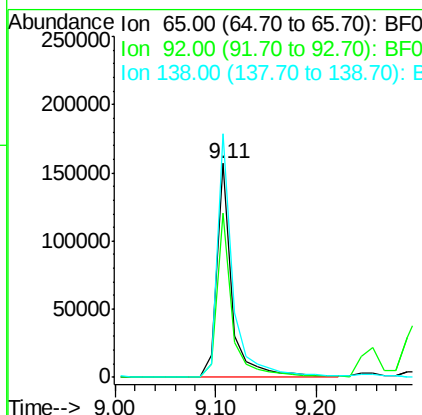
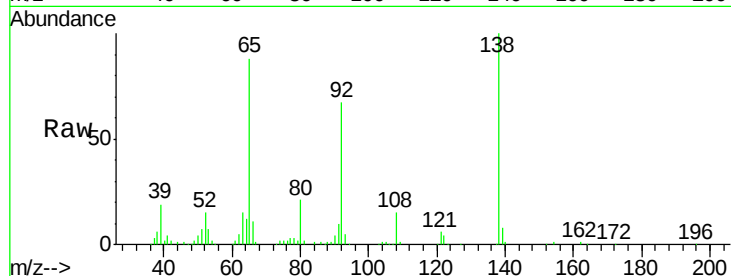




#47  
2-Nitroaniline  
Concen: 24.57 ng  
RT: 9.11 min Scan# 658  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

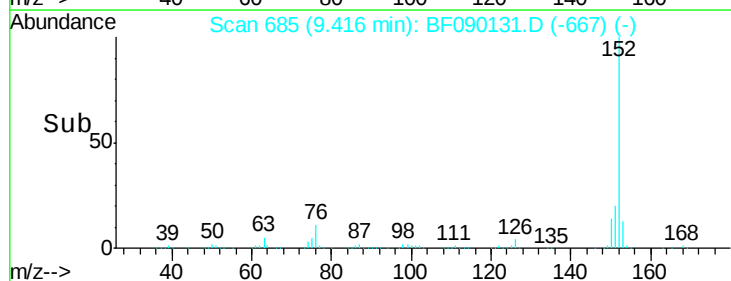
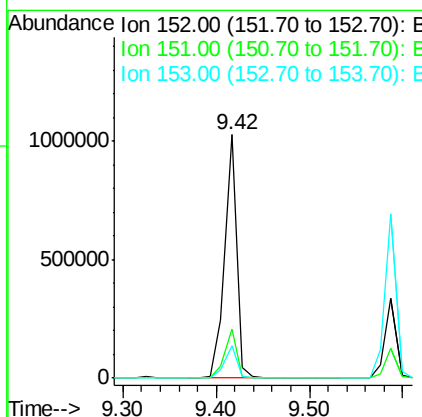
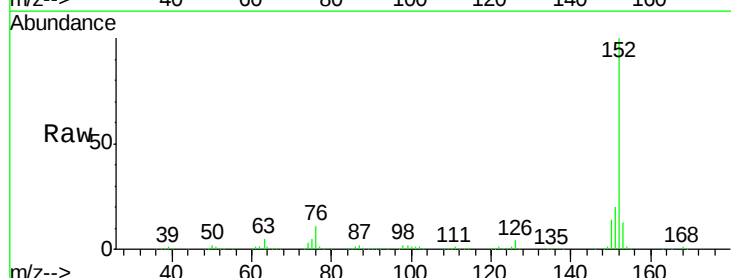
Instrument :  
BNA\_F  
ClientSampleId :

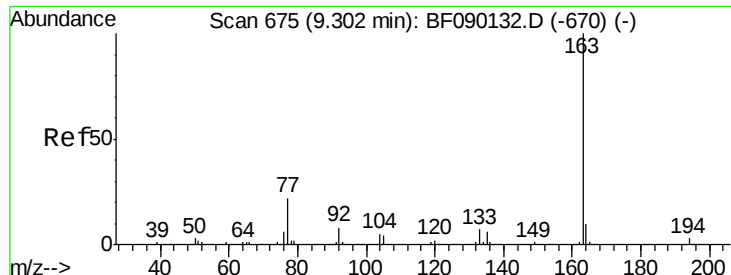
Tot Ion: 65 Resp: 165036  
Ion Ratio Lower Upper  
65 100  
92 76.9 66.1 99.1  
138 114.0 104.1 156.1



#48  
Acenaphthylene  
Concen: 26.27 ng  
RT: 9.42 min Scan# 685  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Tgt Ion: 152 Resp: 928304  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.5 24.7  
153 13.2 10.6 15.8





#49

Dimethylphthalate

Concen: 25.72 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

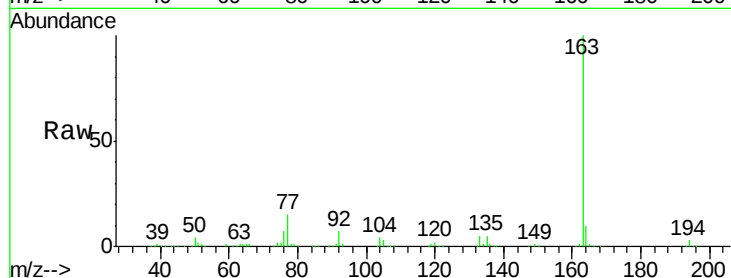
Tot Ion:163 Resp: 663142

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

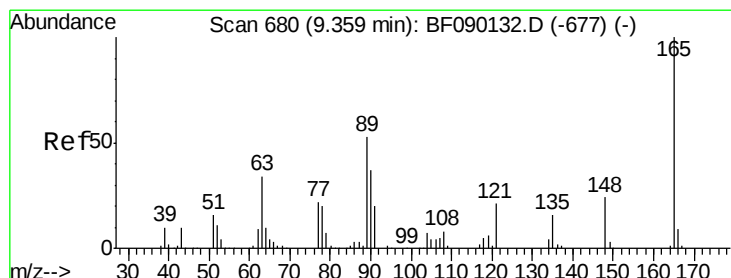
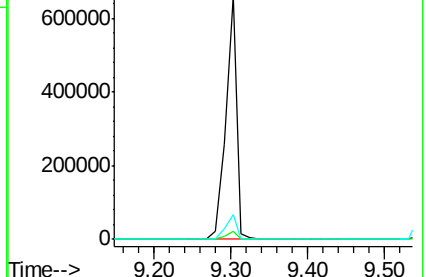
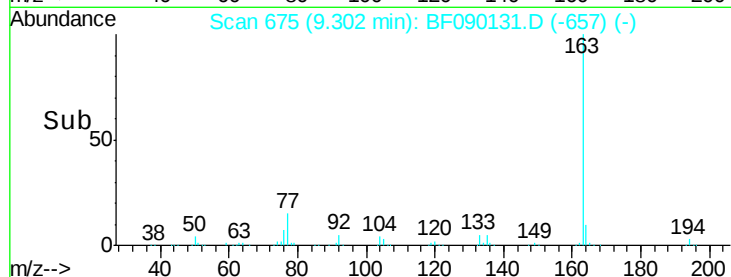
164 10.1 8.1 12.1



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: 24.53 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

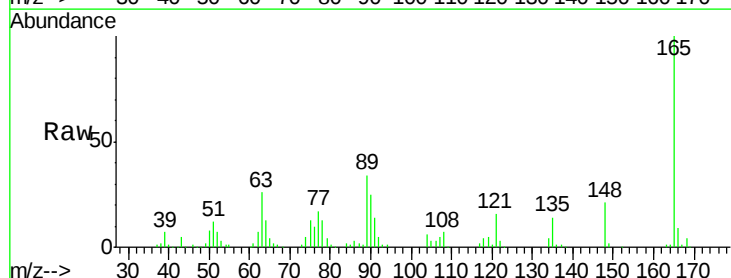
Tgt Ion:165 Resp: 141306

Ion Ratio Lower Upper

165 100

63 26.3 49.9 74.9#

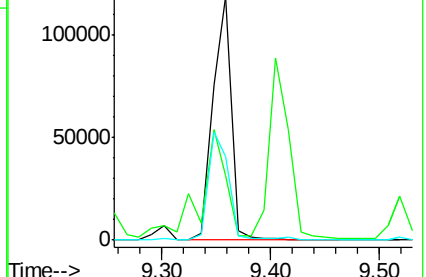
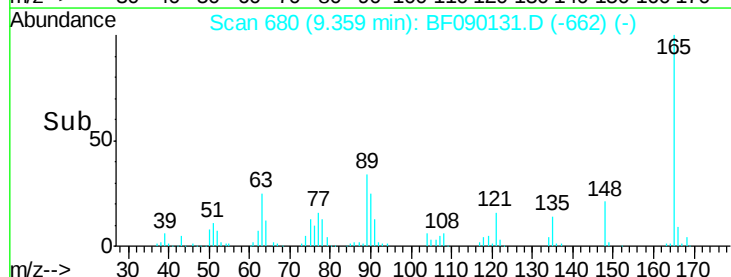
89 34.3 51.0 76.4#

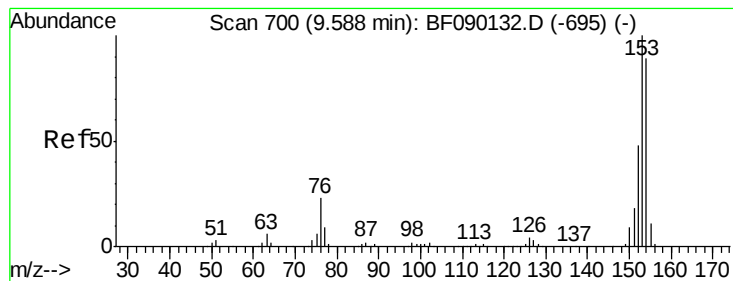


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.18 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

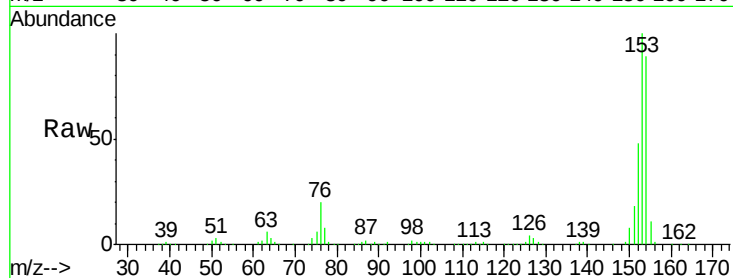
Tot Ion:154 Resp: 516807

Ion Ratio Lower Upper

154 100

153 112.9 90.8 136.2

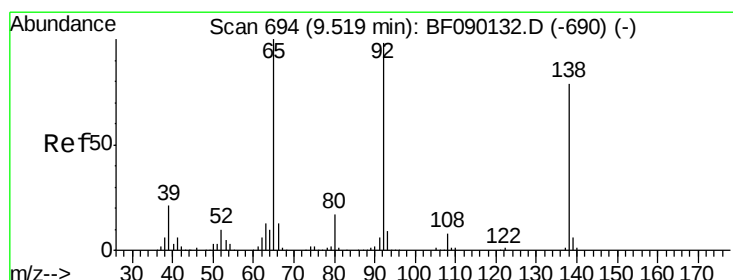
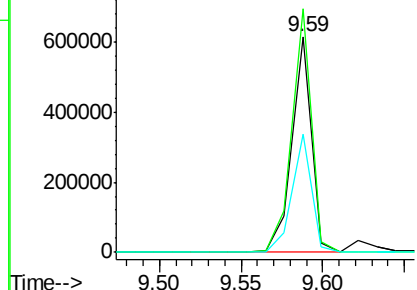
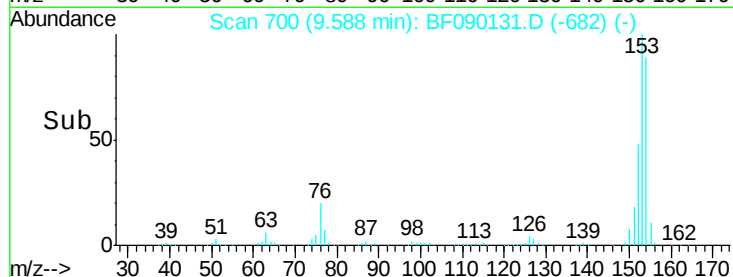
152 54.7 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.50 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

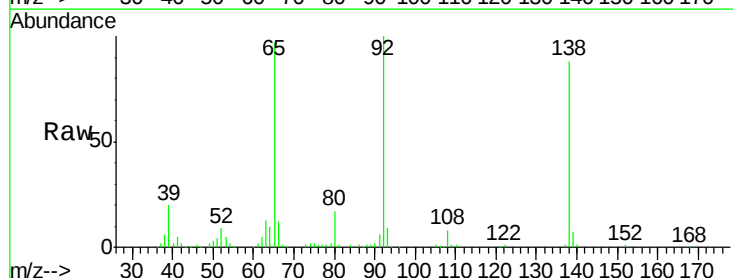
Tgt Ion:138 Resp: 171755

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

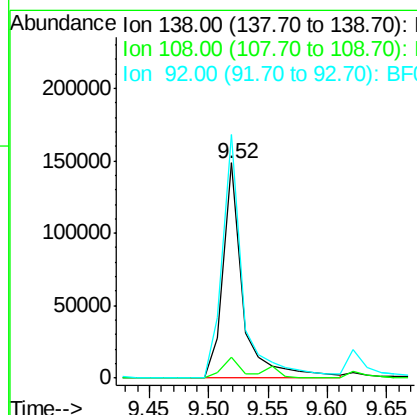
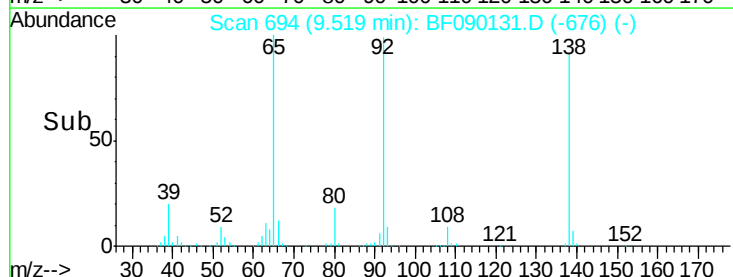
92 113.0 90.7 136.1

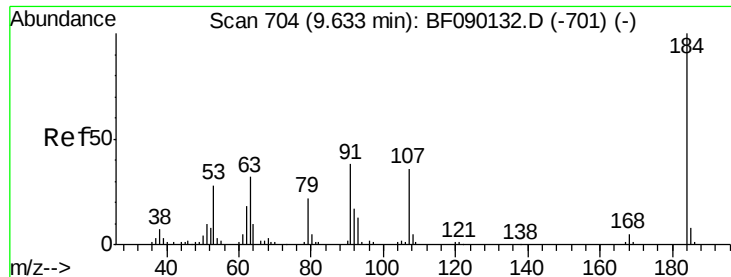


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

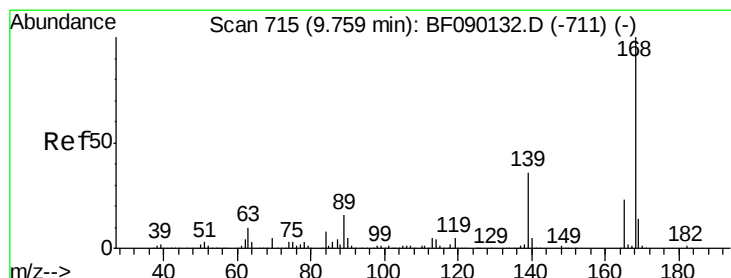
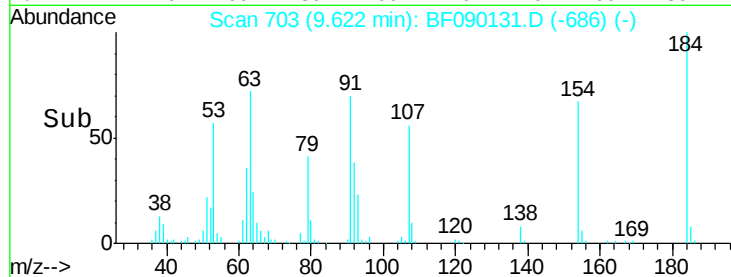
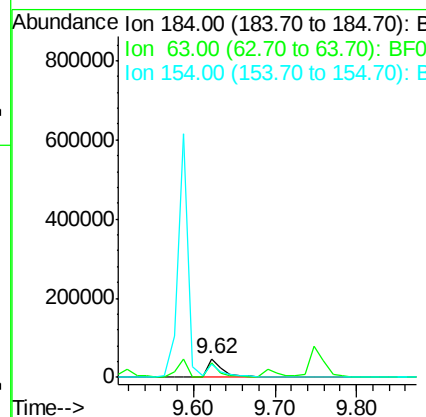
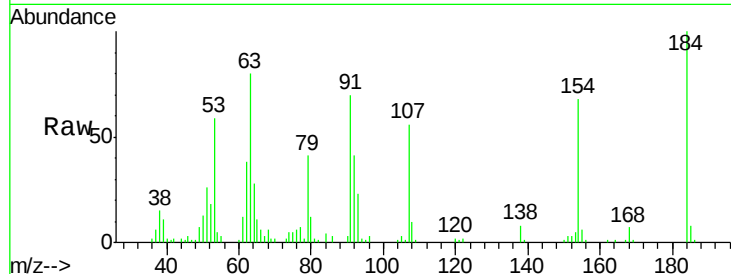




#53  
 2,4-Dinitrophenol  
 Concen: 21.69 ng  
 RT: 9.62 min Scan# 703  
 Delta R.T. -0.01 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

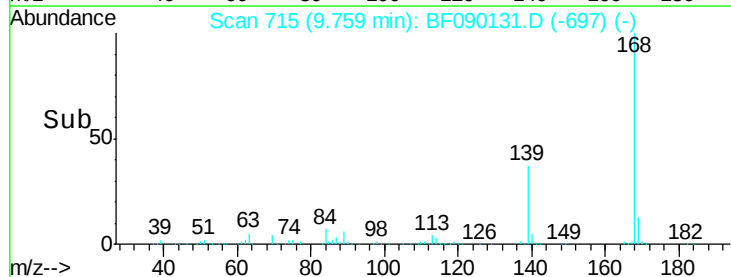
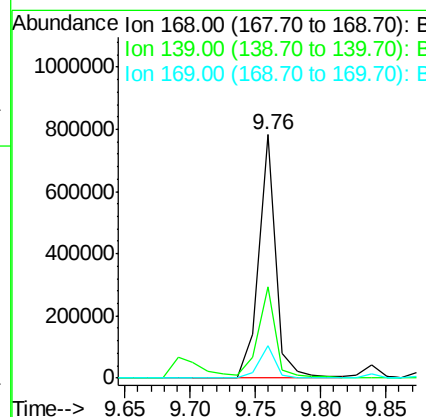
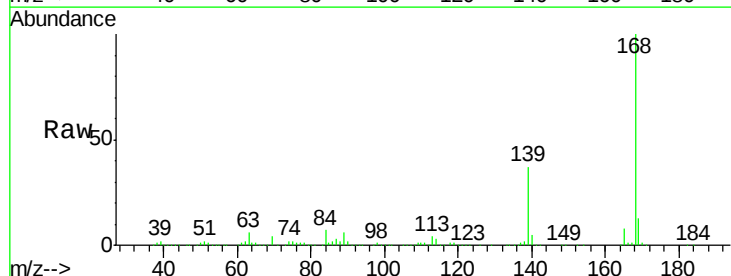
Instrument :  
 BNA\_F  
 ClientSampled :

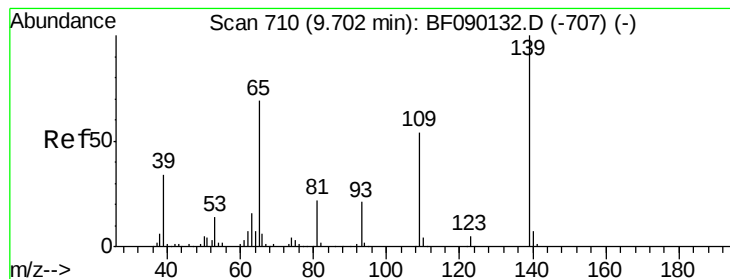
Tot Ion:184 Resp: 67923  
 Ion Ratio Lower Upper  
 184 100  
 63 79.9 44.6 67.0#  
 154 67.9 49.7 74.5



#54  
 Dibenzofuran  
 Concen: 26.37 ng  
 RT: 9.76 min Scan# 715  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Tgt Ion:168 Resp: 719805  
 Ion Ratio Lower Upper  
 168 100  
 139 37.2 28.8 43.2  
 169 13.3 10.7 16.1





#55

4-Nitrophenol

Concen: 22.60 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

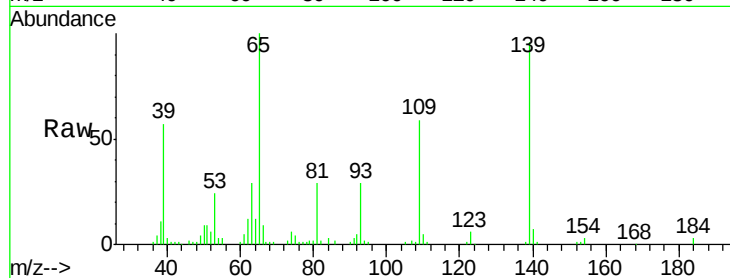
Tot Ion:139 Resp: 111470

Ion Ratio Lower Upper

139 100

109 61.6 35.6 75.6

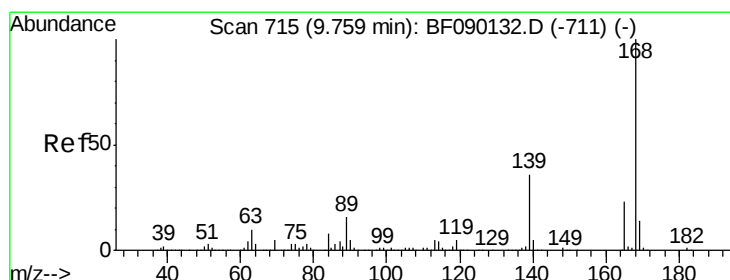
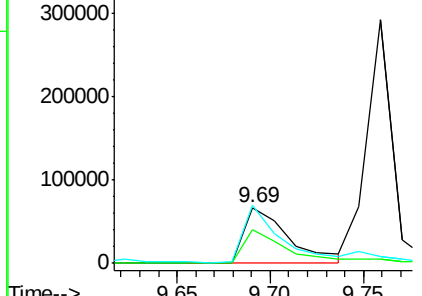
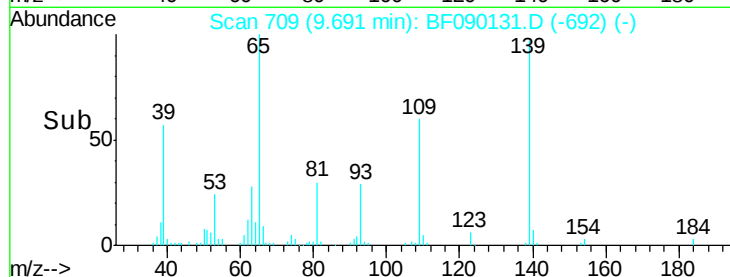
65 103.8 55.5 95.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 23.22 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Tgt Ion:165 Resp: 163052

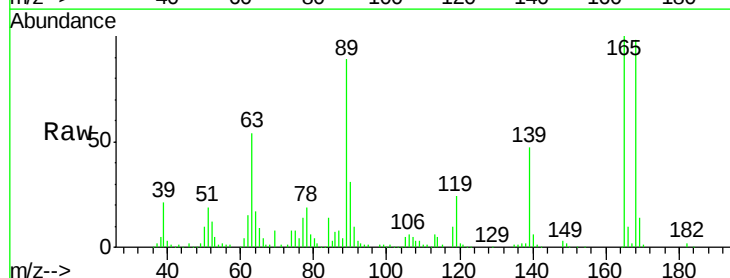
Ion Ratio Lower Upper

165 100

63 53.6 44.4 66.6

89 89.1 70.1 105.1

182 2.1 1.7 2.5

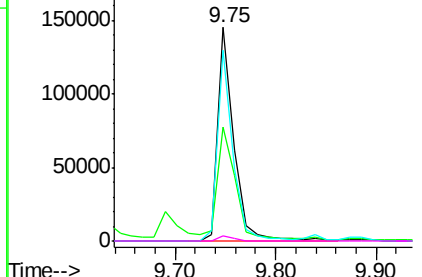
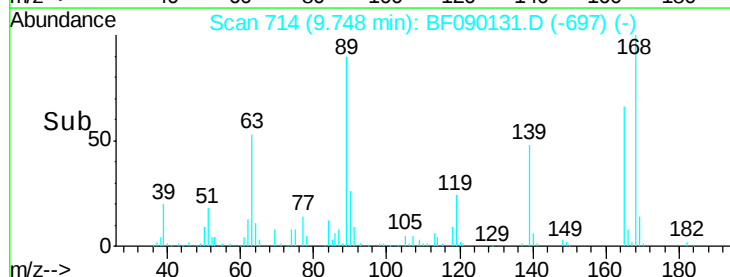


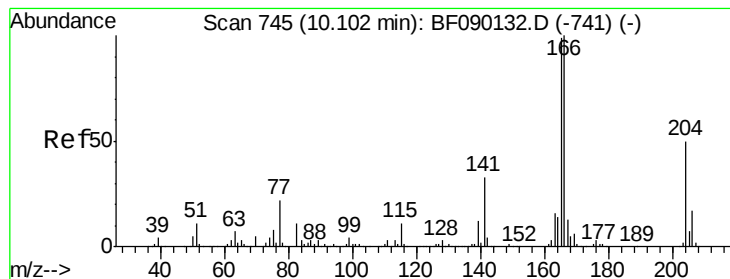
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 26.27 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

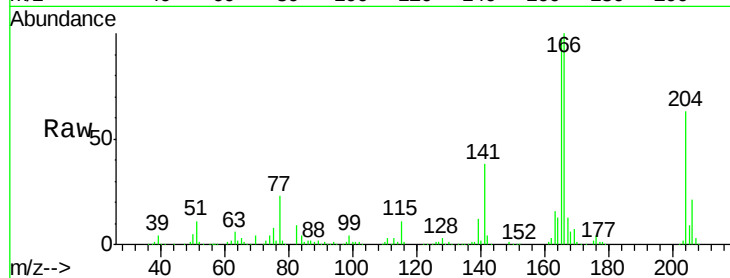
Tot Ion:166 Resp: 562616

Ion Ratio Lower Upper

166 100

165 97.4 78.5 117.7

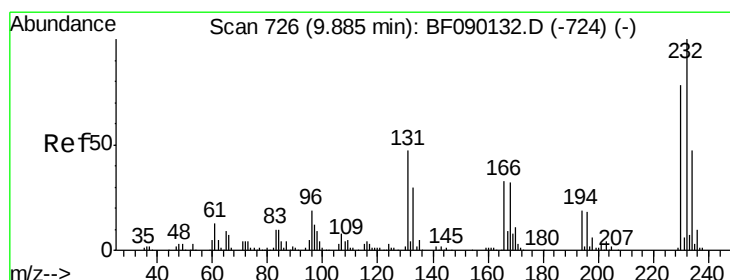
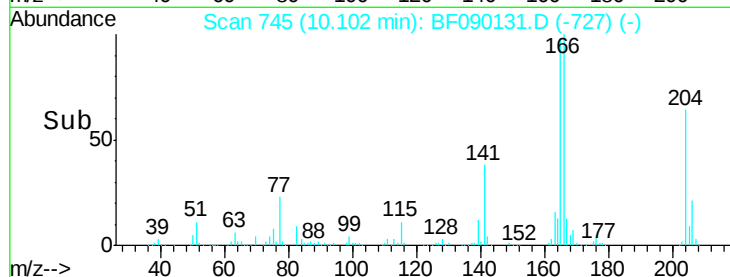
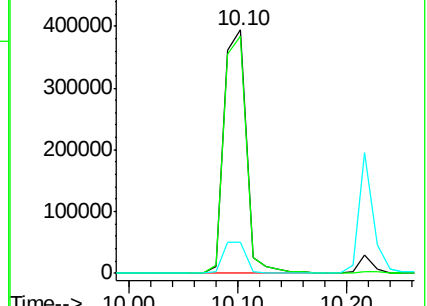
167 12.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.78 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Tgt Ion:232 Resp: 131511

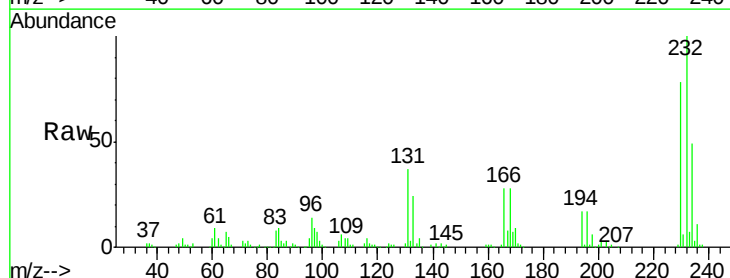
Ion Ratio Lower Upper

232 100

131 48.7 42.2 63.4

130 2.0 1.9 2.9

166 32.1 26.4 39.6

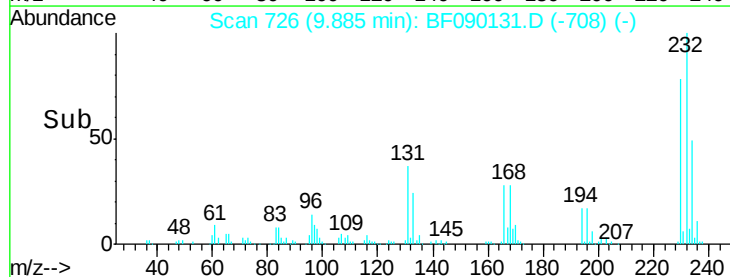
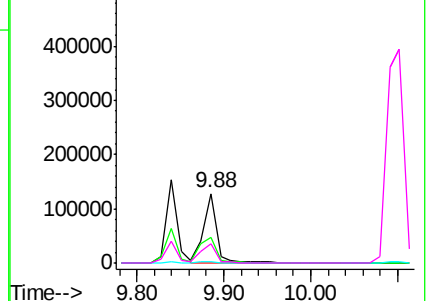


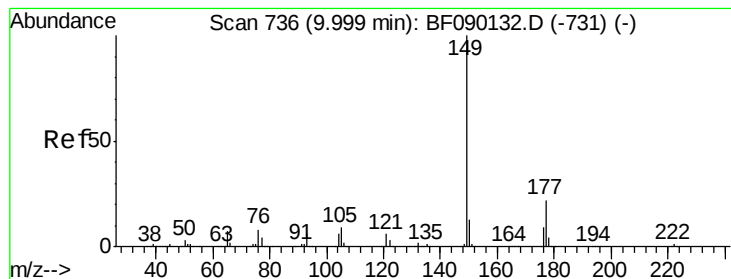
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 24.65 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

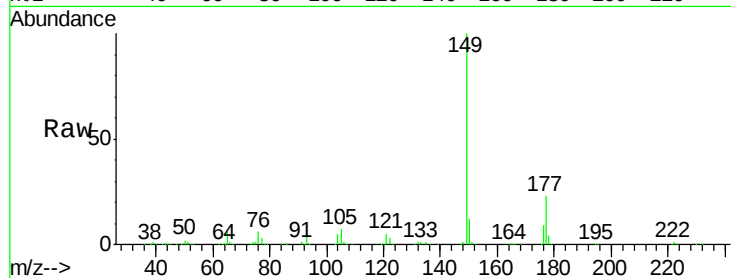
Tot Ion:149 Resp: 615208

Ion Ratio Lower Upper

149 100

177 22.7 15.8 23.6

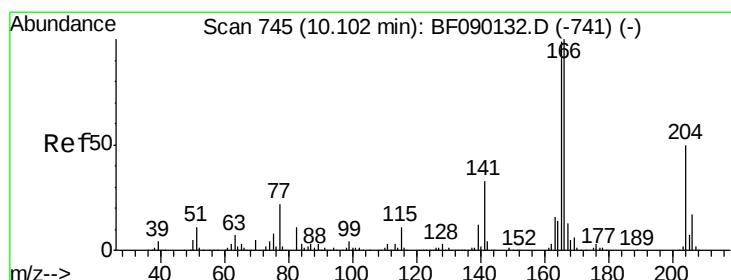
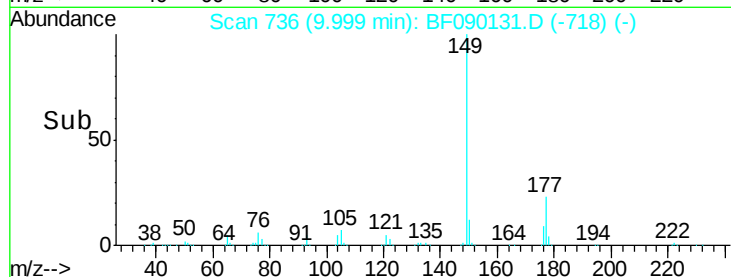
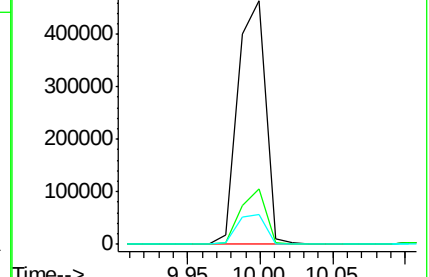
150 12.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 26.61 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

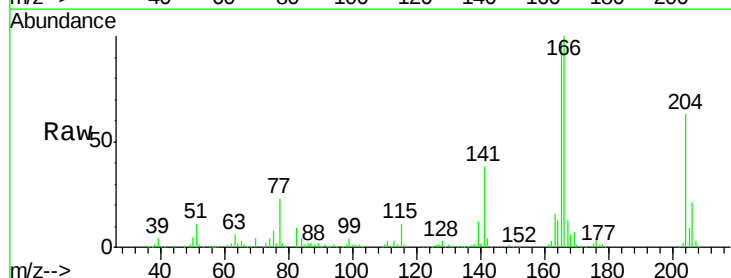
Tgt Ion:204 Resp: 240310

Ion Ratio Lower Upper

204 100

206 32.6 25.6 38.4

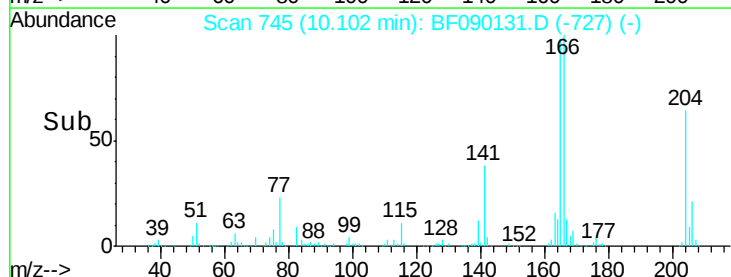
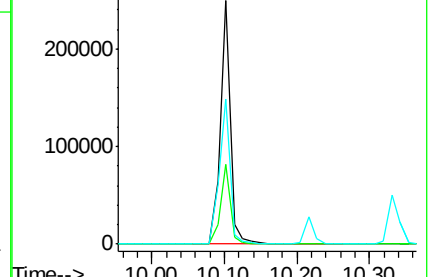
141 59.7 64.4 96.6#

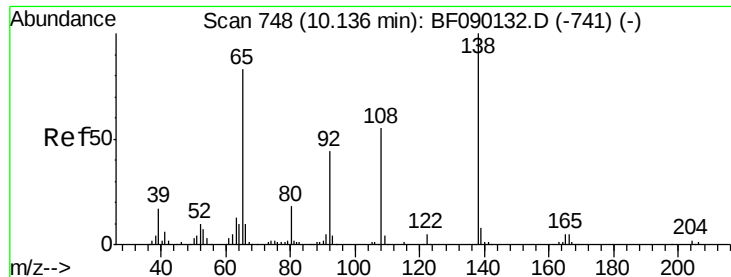


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 23.37 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

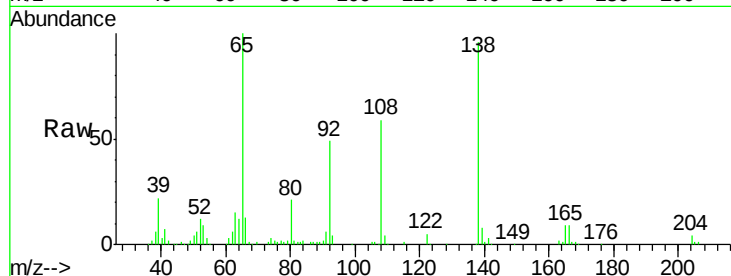
Tot Ion:138 Resp: 165814

Ion Ratio Lower Upper

138 100

92 51.4 23.8 63.8

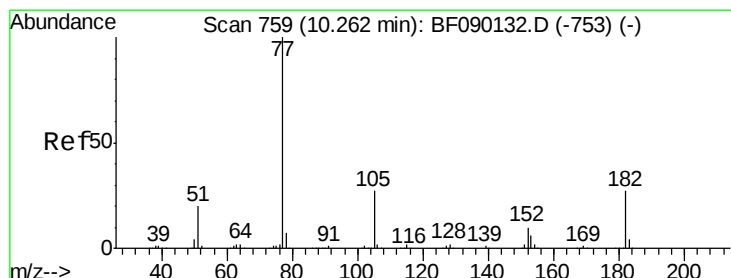
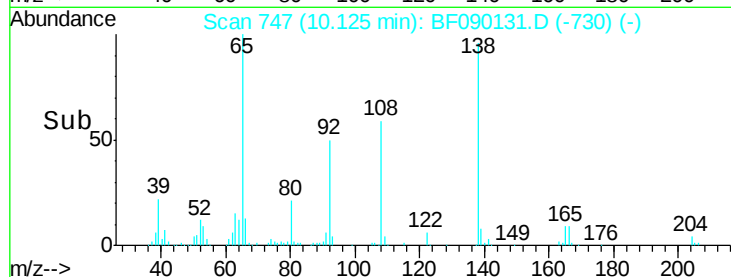
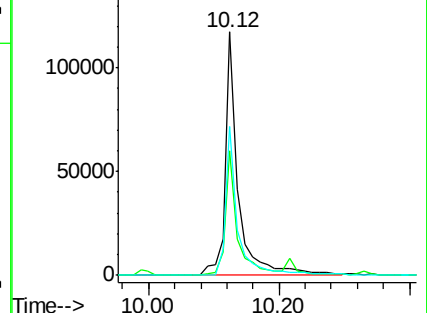
108 61.4 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 23.21 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Tgt Ion: 77 Resp: 608013

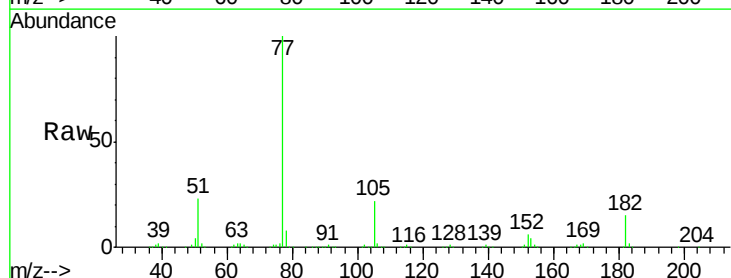
Ion Ratio Lower Upper

77 100

182 14.8 0.0 38.4

105 22.5 3.8 43.8

51 23.5 2.6 42.6

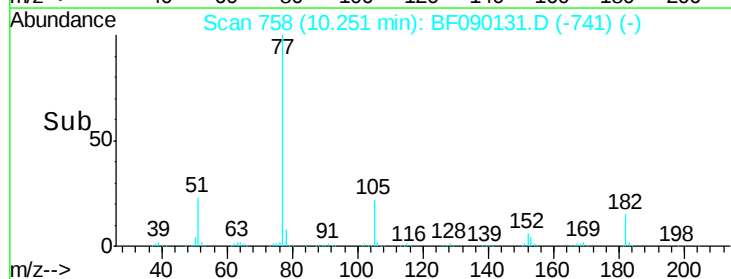
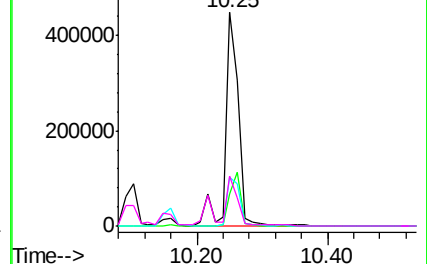


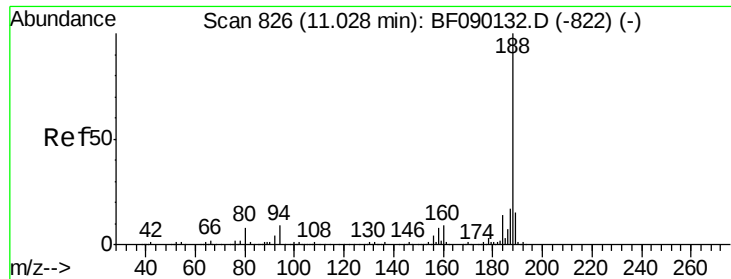
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampled :

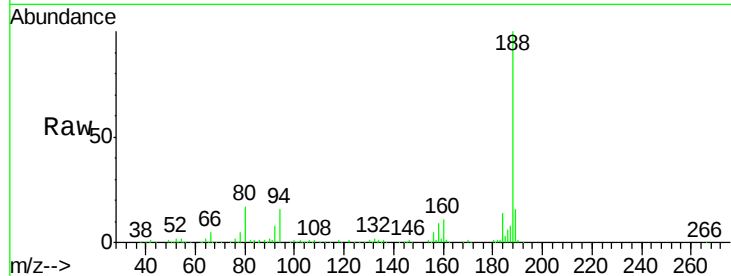
Tot Ion:188 Resp: 539843

Ion Ratio Lower Upper

188 100

94 16.0 10.5 15.7#

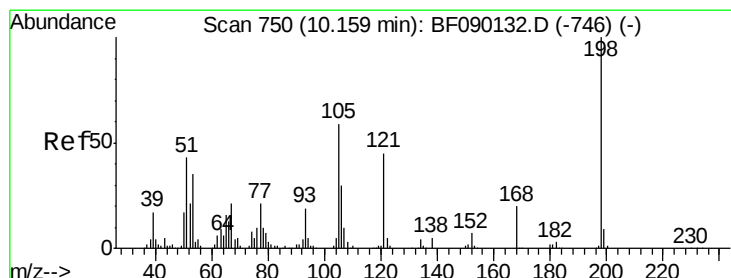
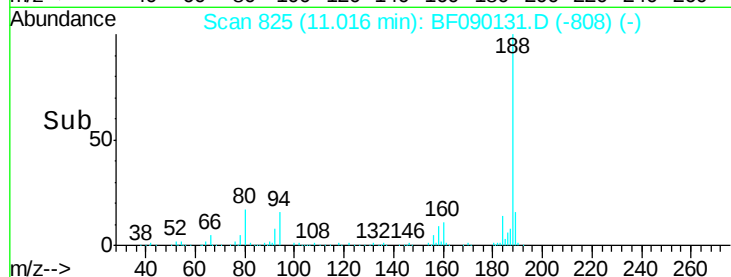
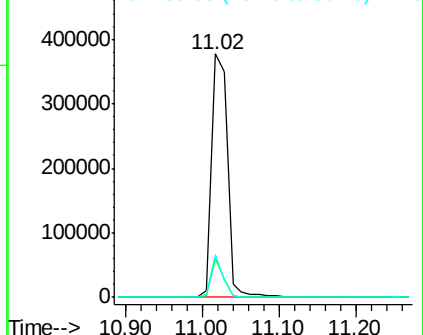
80 17.4 11.2 16.8#



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: 30.37 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

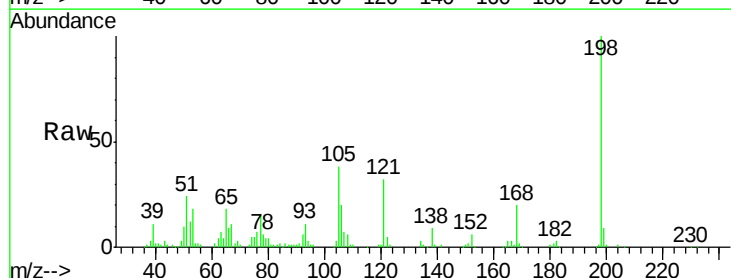
Tgt Ion:198 Resp: 100327

Ion Ratio Lower Upper

198 100

51 24.0 5.5 45.5

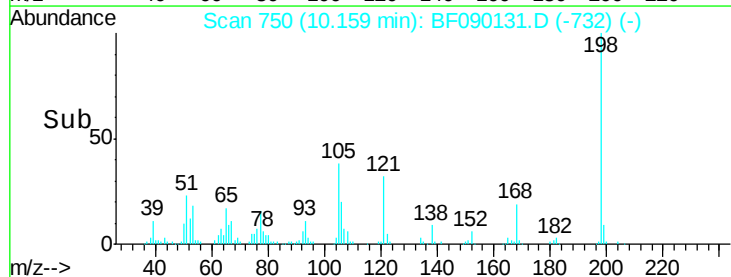
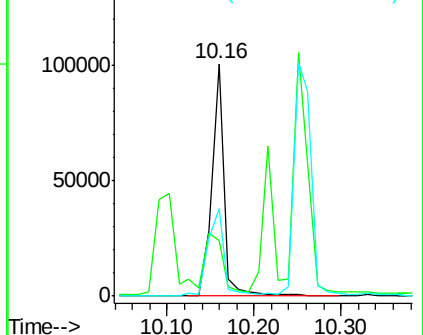
105 37.8 21.8 61.8

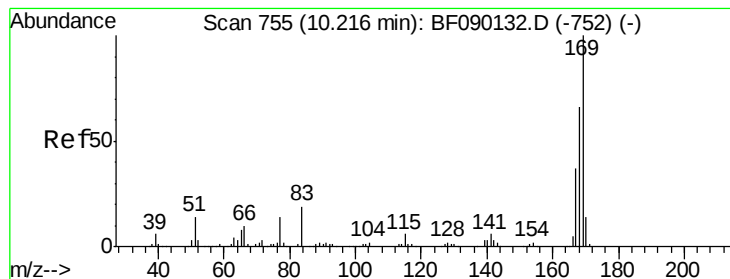


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

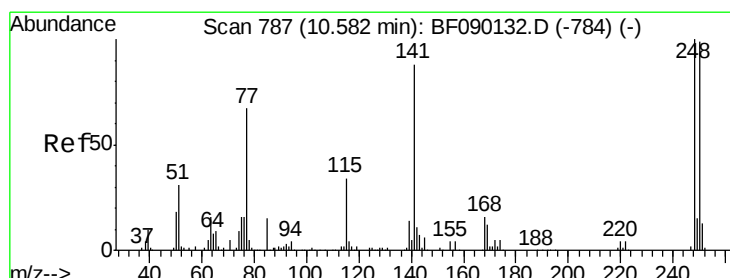
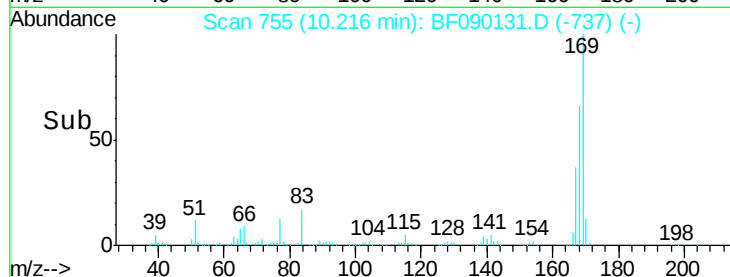
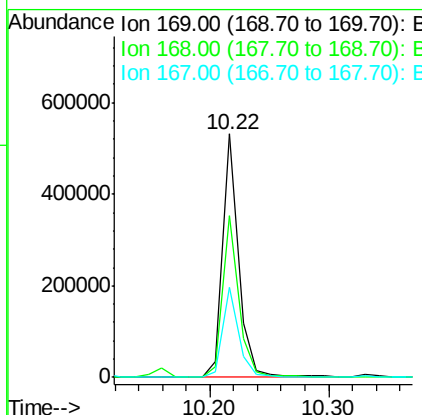
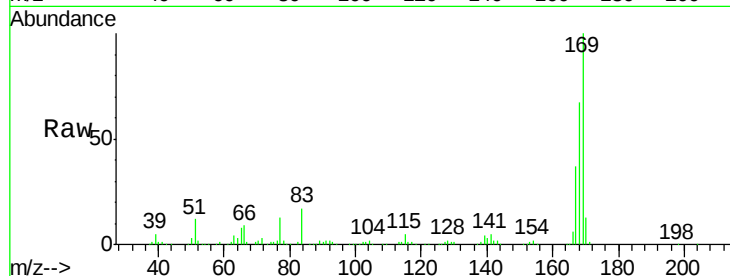




#65  
 n-Nitrosodiphenylamine  
 Concen: 28.99 ng  
 RT: 10.22 min Scan# 755  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

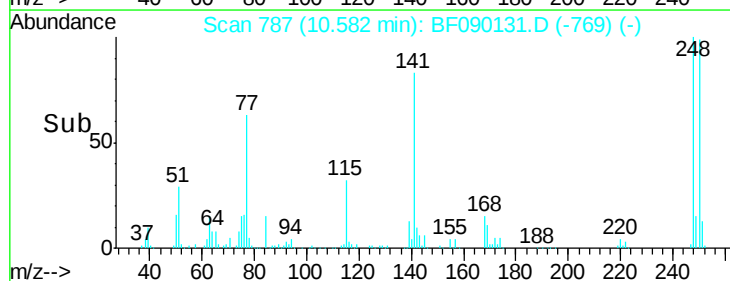
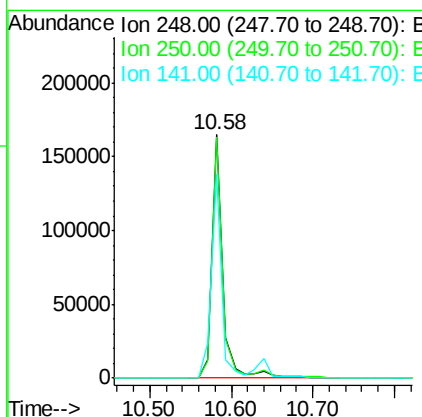
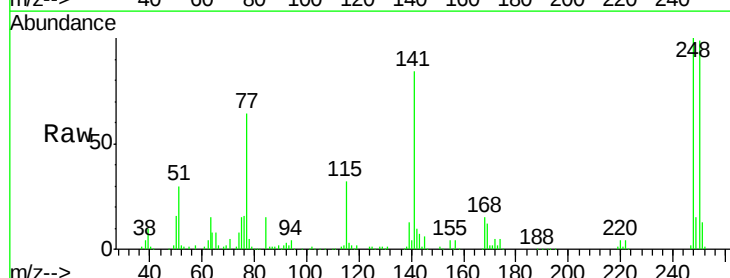
Instrument :  
 BNA\_F  
 ClientSampleId :

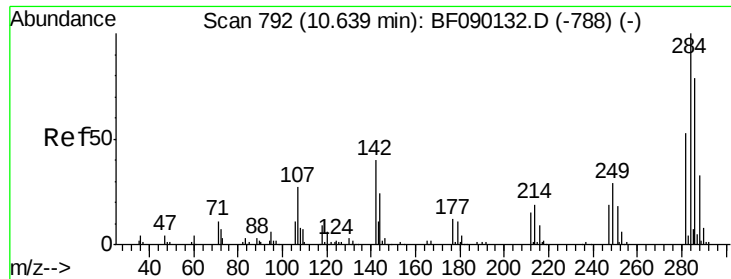
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.5  | 54.2  | 81.4  |
| 167     | 36.9  | 30.3  | 45.5  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 29.98 ng  
 RT: 10.58 min Scan# 787  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.0  | 79.4  | 119.2 |
| 141     | 83.6  | 49.3  | 73.9  |

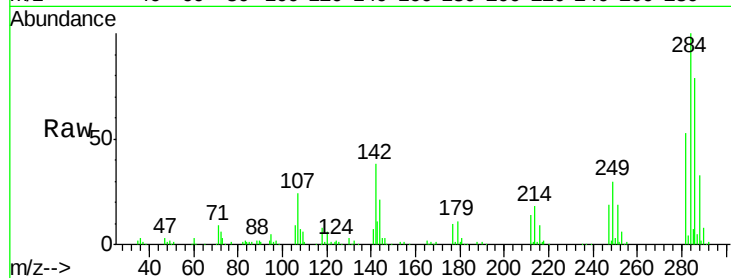




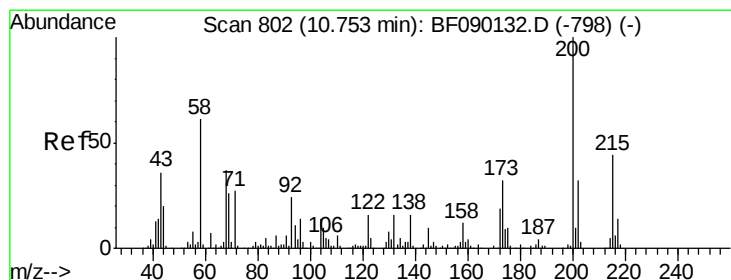
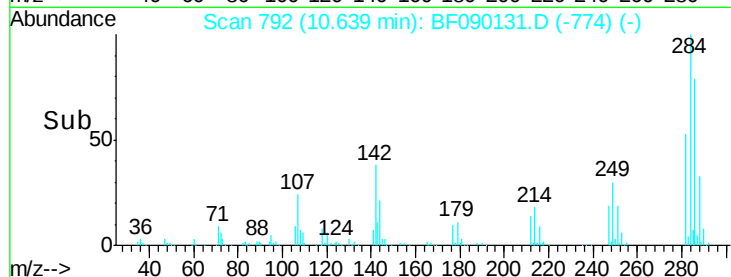
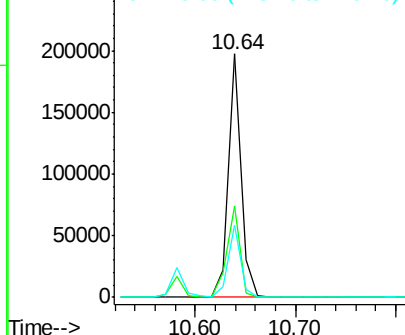
#67  
Hexachlorobenzene  
Concen: 28.45 ng  
RT: 10.64 min Scan# 792  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:284 Resp: 174485  
Ion Ratio Lower Upper  
284 100  
142 37.6 24.0 36.0#  
249 29.8 23.8 35.6

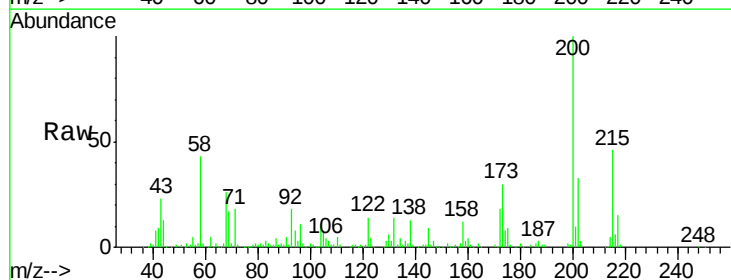


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

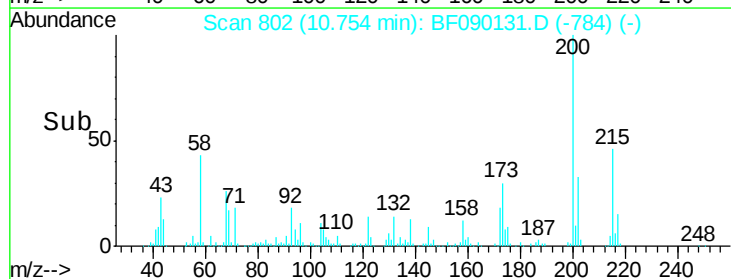
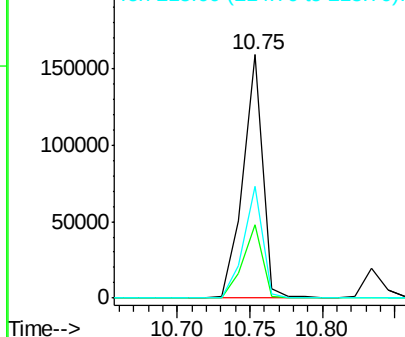


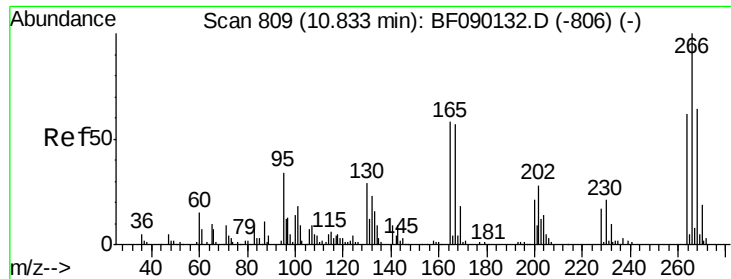
#68  
Atrazine  
Concen: 29.71 ng  
RT: 10.75 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

Tgt Ion:200 Resp: 151021  
Ion Ratio Lower Upper  
200 100  
173 30.2 9.3 49.3  
215 45.8 26.1 66.1



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

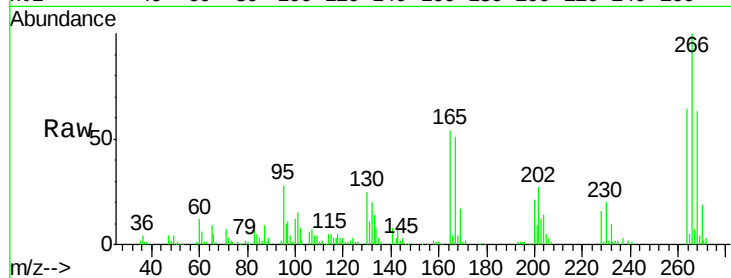




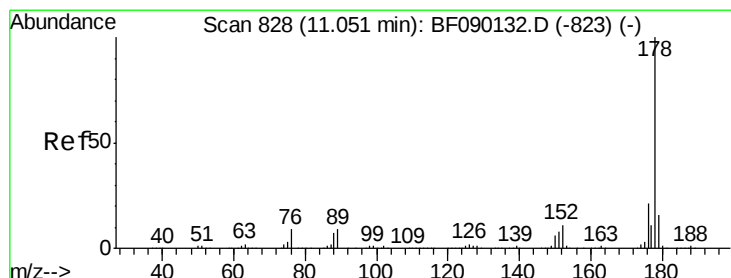
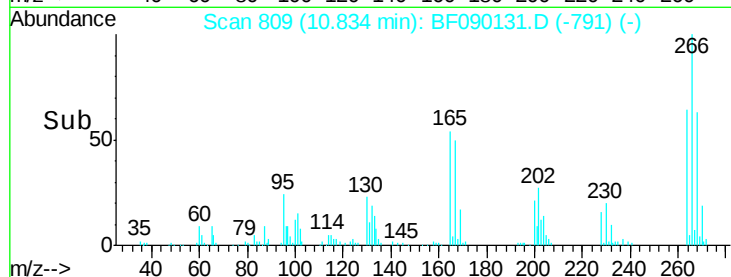
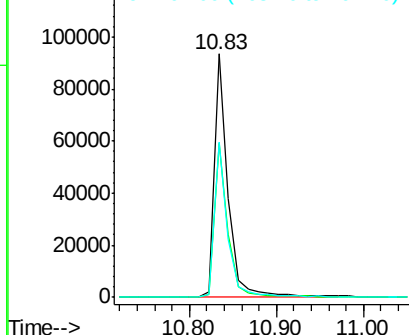
#69  
 Pentachlorophenol  
 Concen: 29.10 ng  
 RT: 10.83 min Scan# 809  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 104546  
 Ion Ratio Lower Upper  
 266 100  
 268 63.3 52.1 78.1  
 264 63.7 50.3 75.5

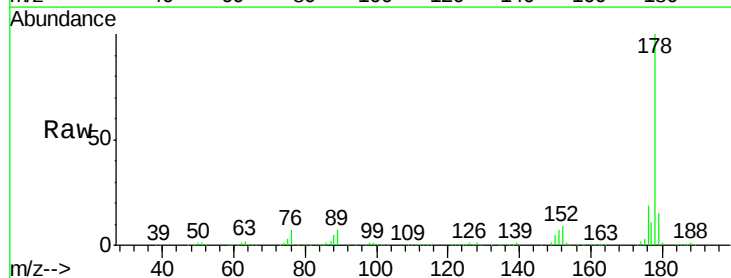


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

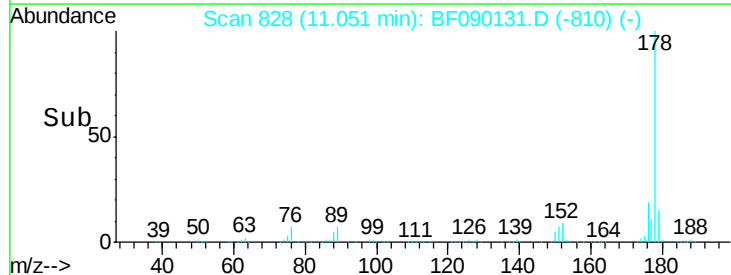
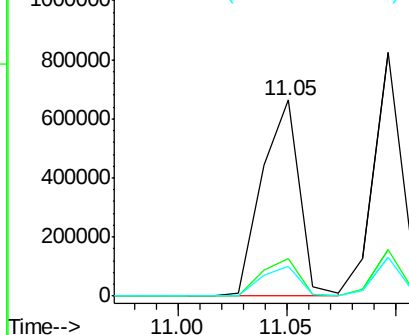


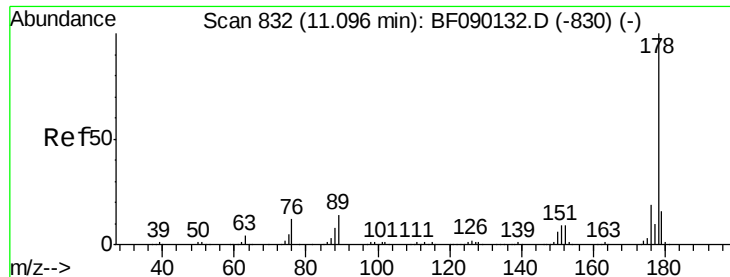
#70  
 Phenanthrene  
 Concen: 30.37 ng  
 RT: 11.05 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Tgt Ion:178 Resp: 792376  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.9 23.9  
 179 15.4 12.9 19.3



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

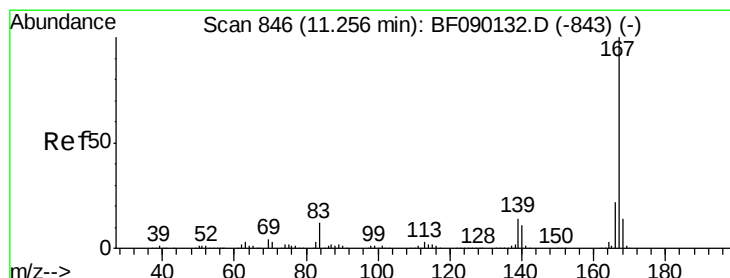
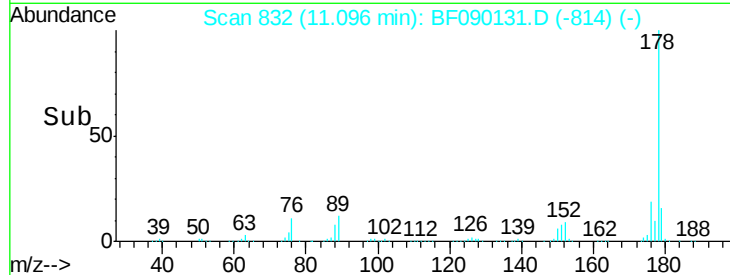
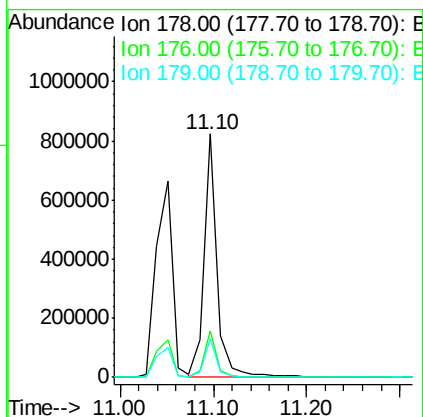
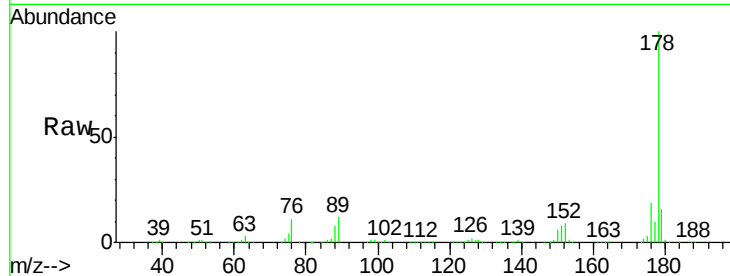




#71  
 Anthracene  
 Concen: 28.07 ng  
 RT: 11.10 min Scan# 832  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

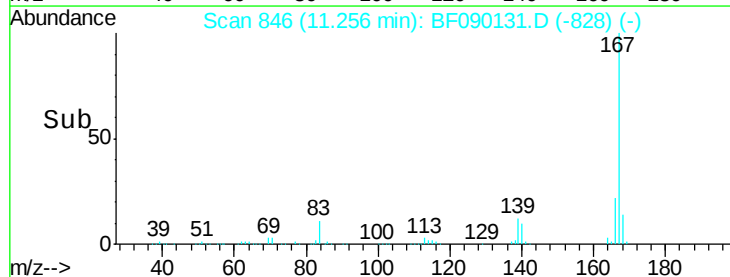
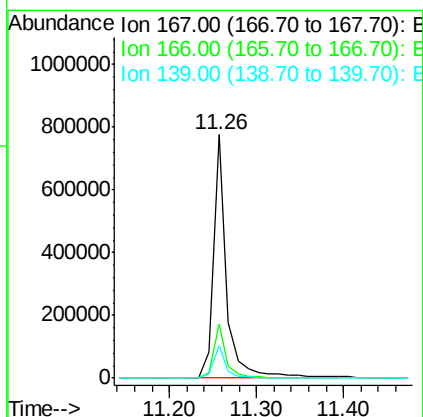
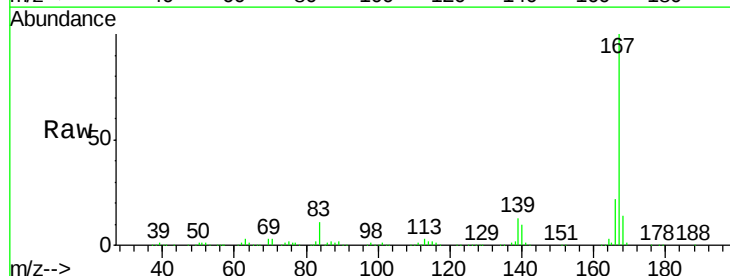
Instrument :  
 BNA\_F  
 ClientSampleId :

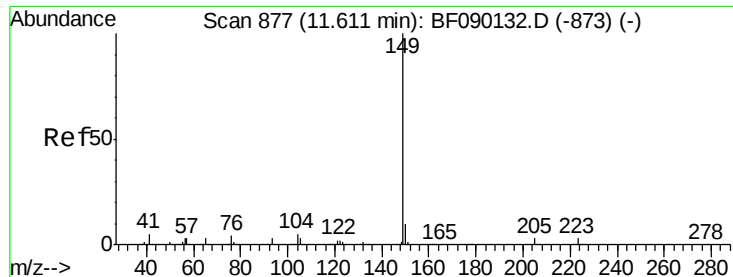
Tot Ion:178 Resp: 799471  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.8 23.6  
 179 15.8 12.6 19.0



#72  
 Carbazole  
 Concen: 28.36 ng  
 RT: 11.26 min Scan# 846  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Tgt Ion:167 Resp: 828662  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 18.0 27.0  
 139 13.2 10.4 15.6





#73

Di-n-butylphthalate

Concen: 31.74 ng

RT: 11.61 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampled :

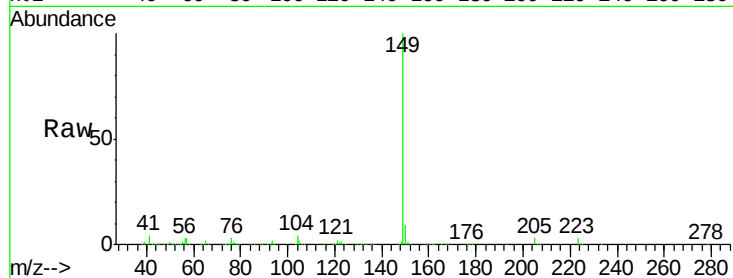
Tot Ion:149 Resp: 1040178

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

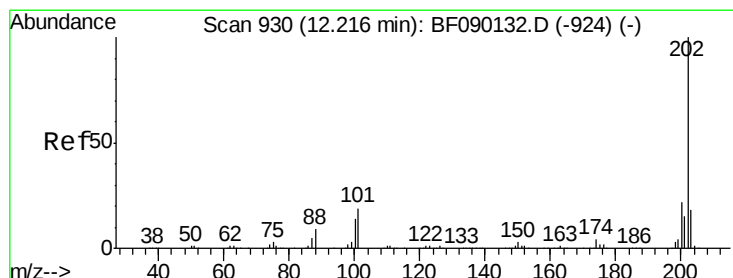
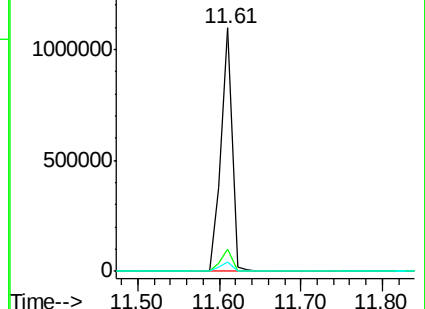
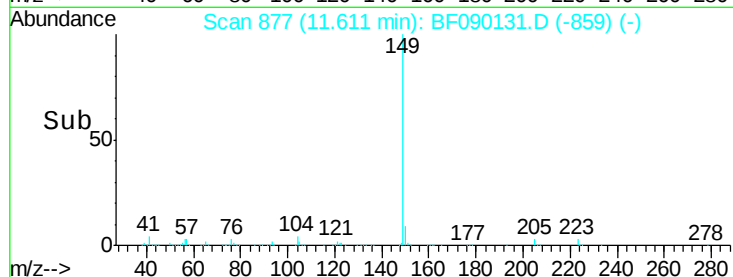
104 3.9 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.75 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

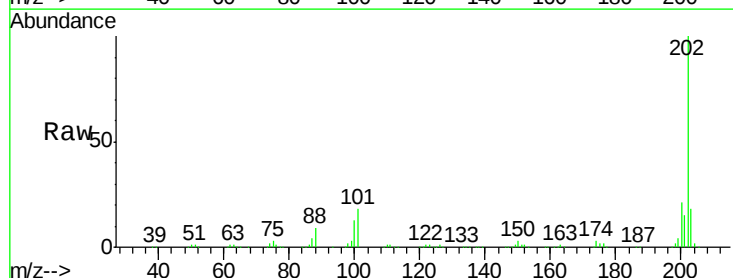
Tgt Ion:202 Resp: 758611

Ion Ratio Lower Upper

202 100

101 18.1 0.0 36.1

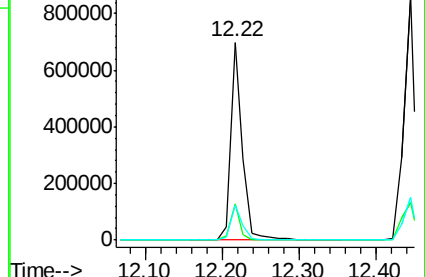
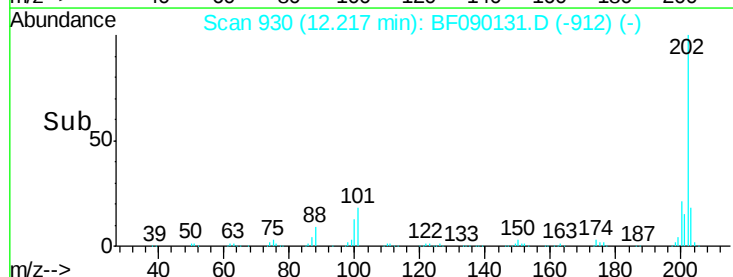
203 17.7 0.0 38.2

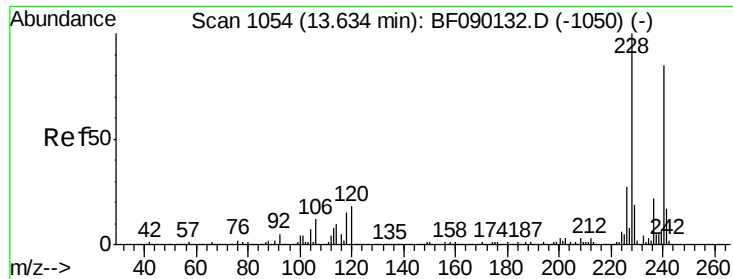


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

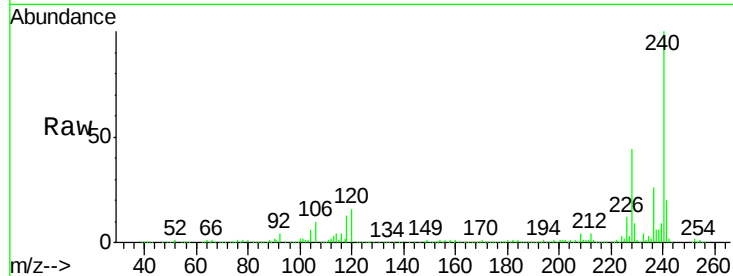
Tot Ion:240 Resp: 411429

Ion Ratio Lower Upper

240 100

120 15.6 10.6 16.0

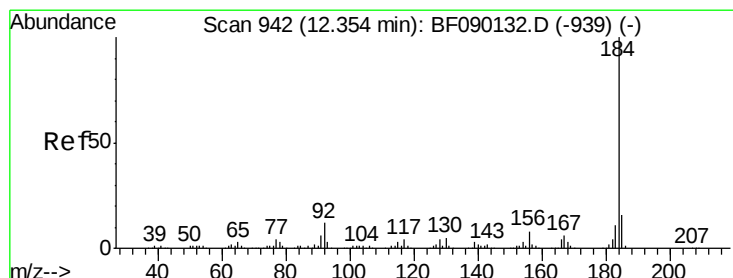
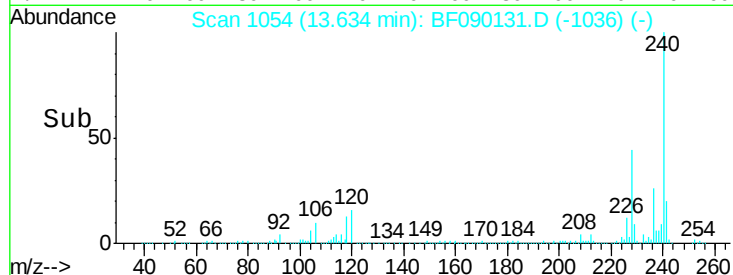
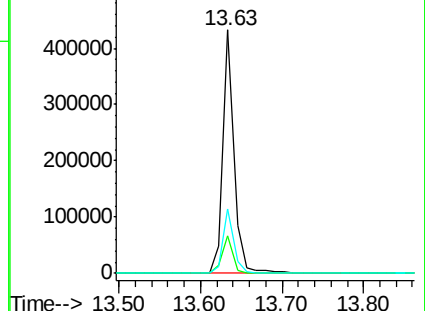
236 26.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.48 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

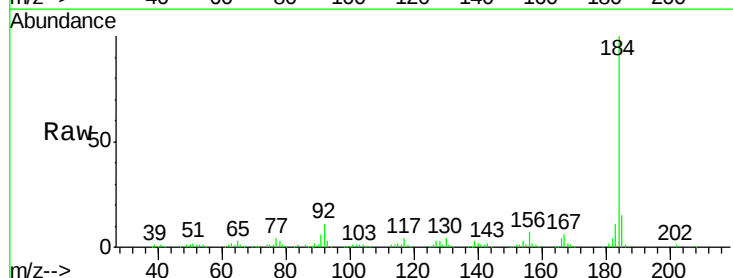
Tgt Ion:184 Resp: 394050

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

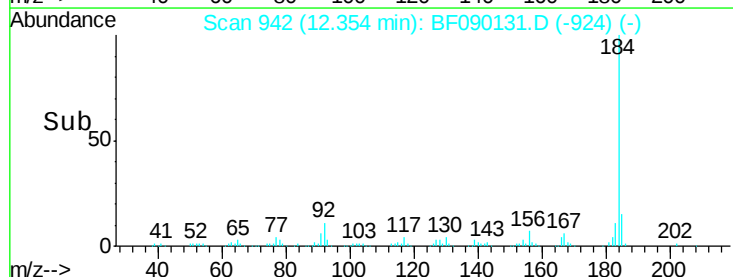
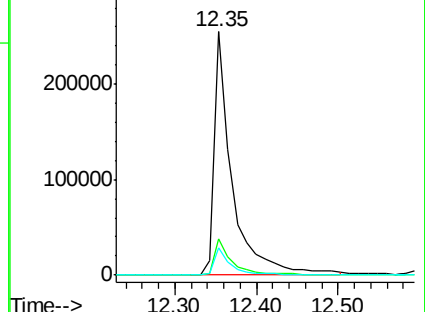
183 11.2 9.2 13.8

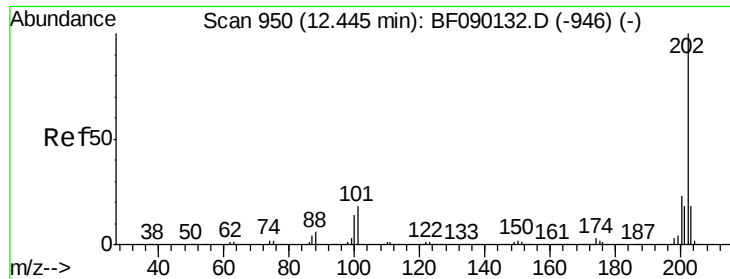


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.27 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :  
BNA\_F  
ClientSampleId :

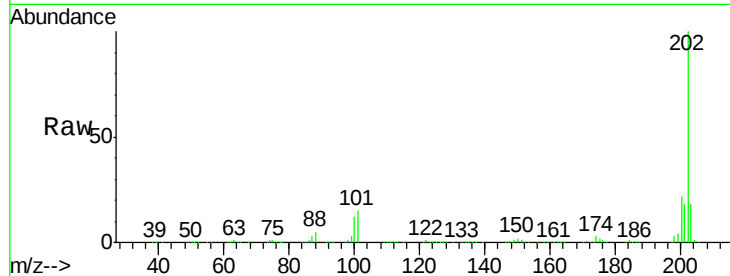
Tot Ion:202 Resp: 848715

Ion Ratio Lower Upper

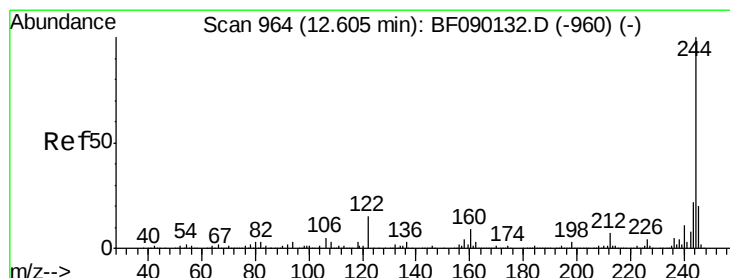
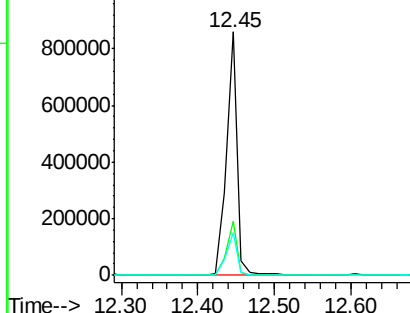
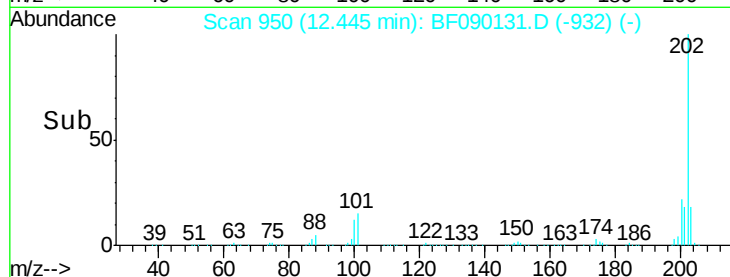
202 100

200 22.1 17.9 26.9

203 17.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 52.55 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

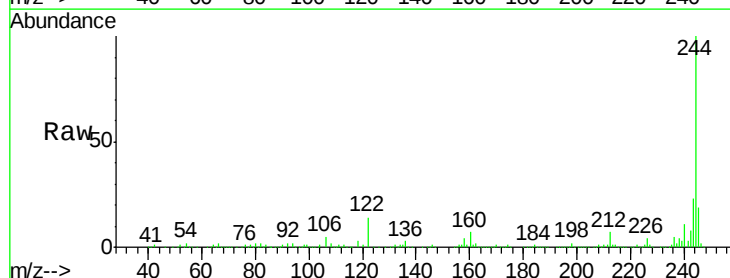
Tgt Ion:244 Resp: 910370

Ion Ratio Lower Upper

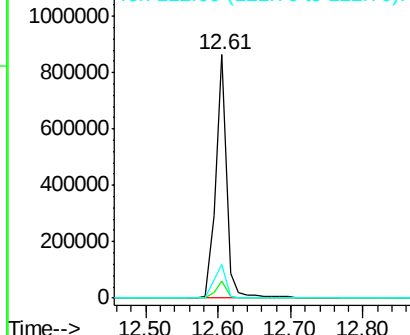
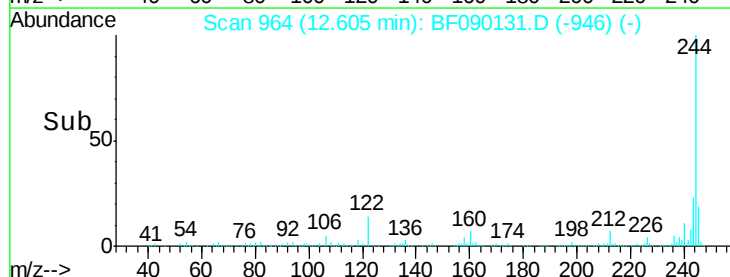
244 100

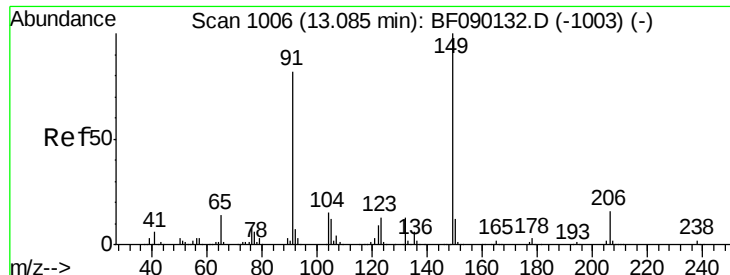
212 6.9 5.8 8.8

122 13.8 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 23.94 ng

RT: 13.09 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampled :

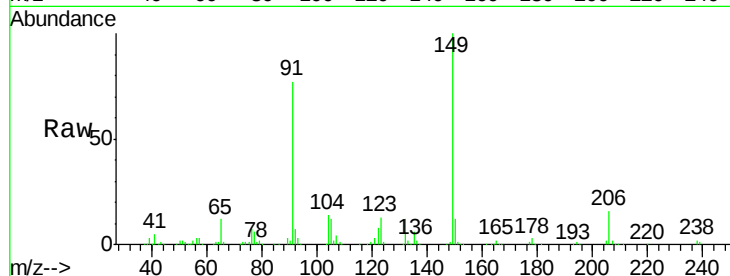
Tot Ion:149 Resp: 357965

Ion Ratio Lower Upper

149 100

91 77.0 49.8 74.6#

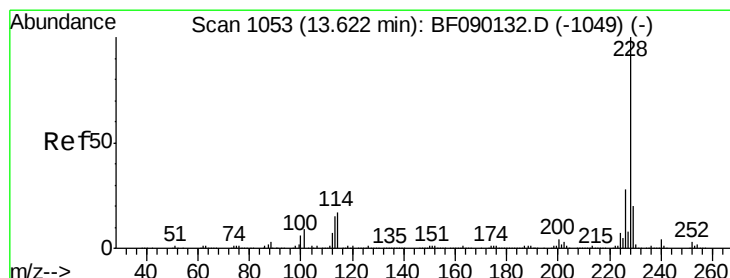
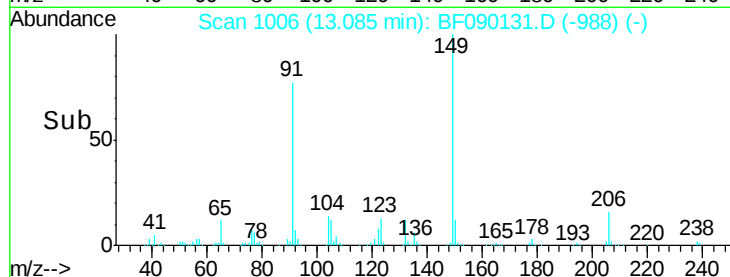
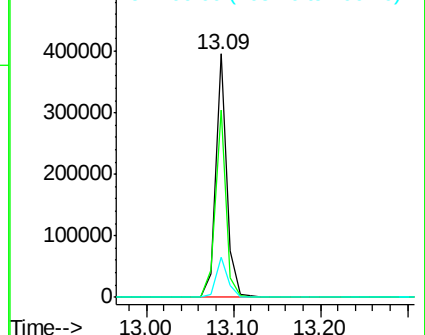
206 16.3 16.3 24.5#



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: 26.06 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

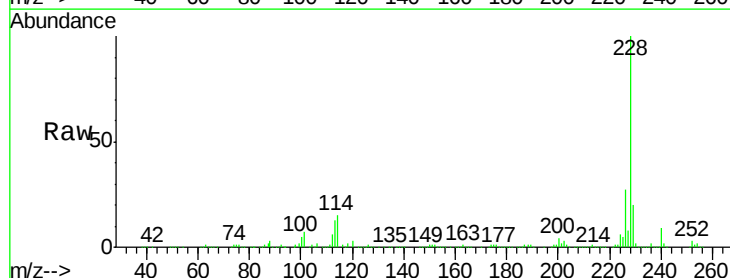
Tgt Ion:228 Resp: 625890

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

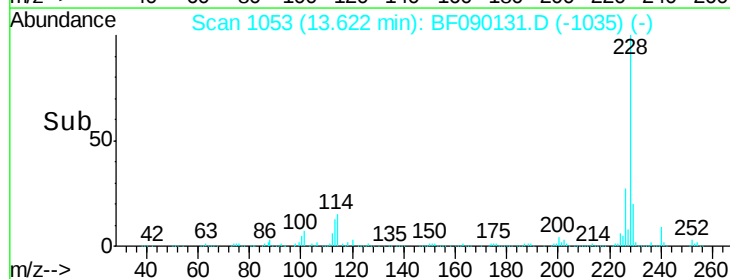
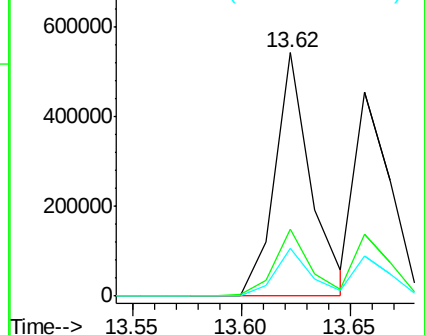
229 19.9 16.2 24.2

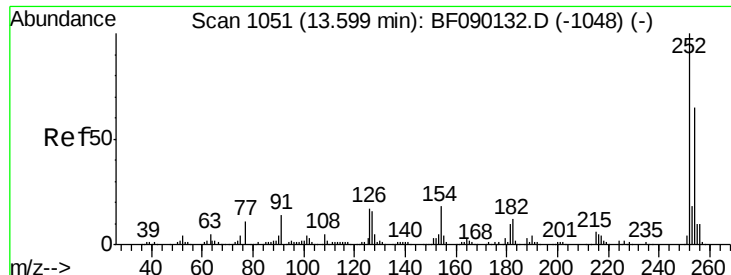


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

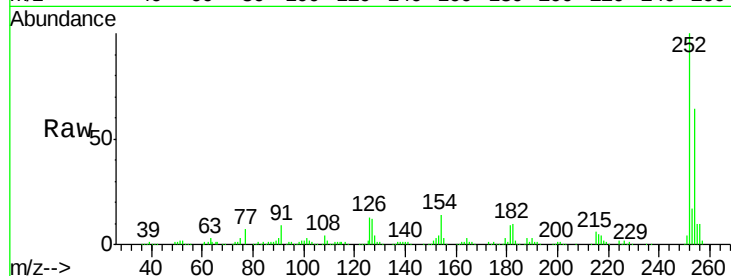




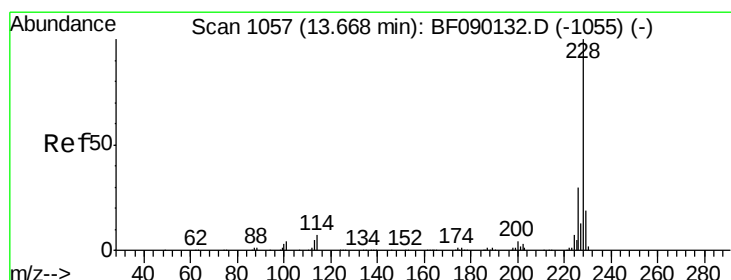
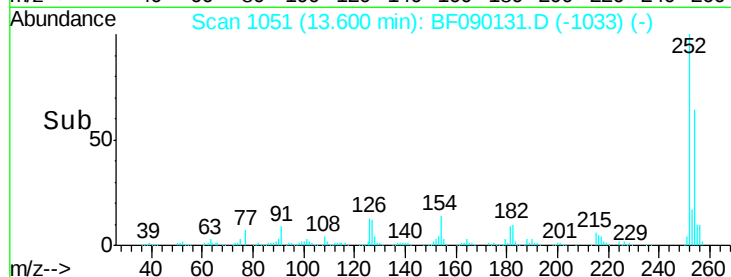
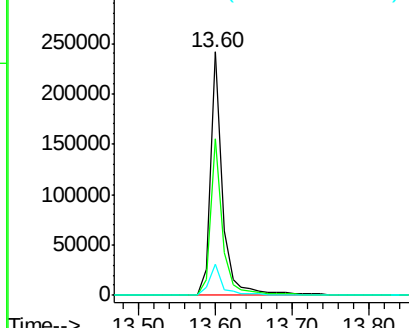
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.98 ng  
 RT: 13.60 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 261553  
 Ion Ratio Lower Upper  
 252 100  
 254 64.3 50.7 76.1  
 126 12.7 9.2 13.8

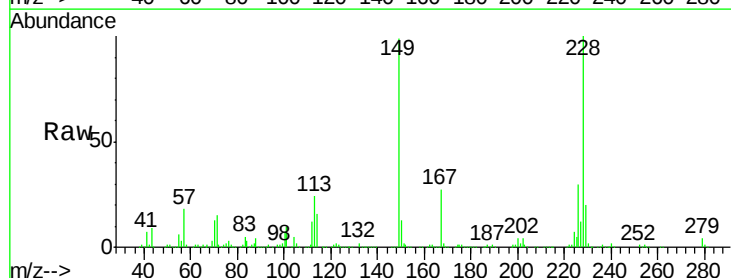


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

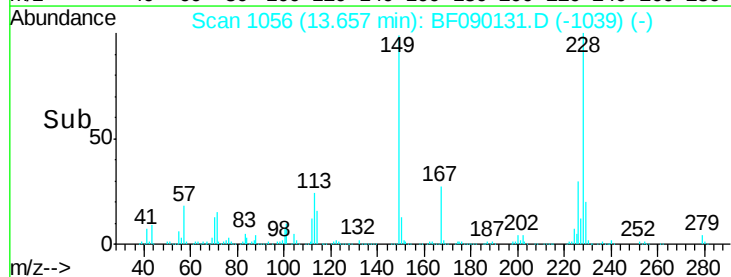
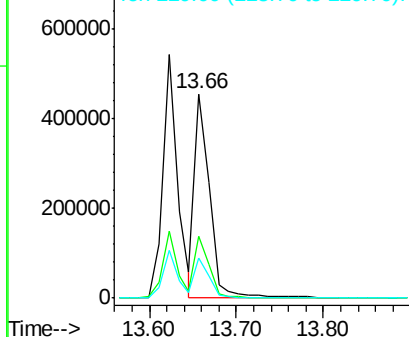


#82  
 Chrysene  
 Concen: 24.05 ng  
 RT: 13.66 min Scan# 1056  
 Delta R.T. -0.01 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Tgt Ion:228 Resp: 541905  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 24.6 37.0  
 229 19.8 16.2 24.4



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: 26.13 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

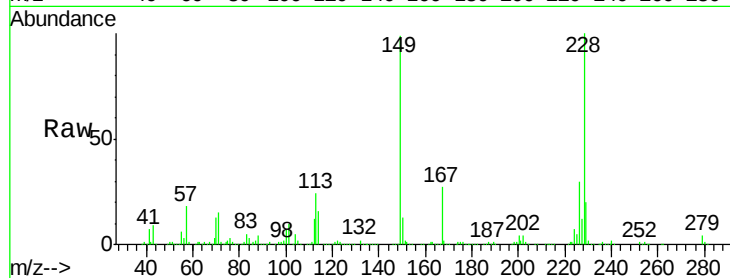
Tot Ion:149 Resp: 483213

Ion Ratio Lower Upper

149 100

167 27.5 21.2 31.8

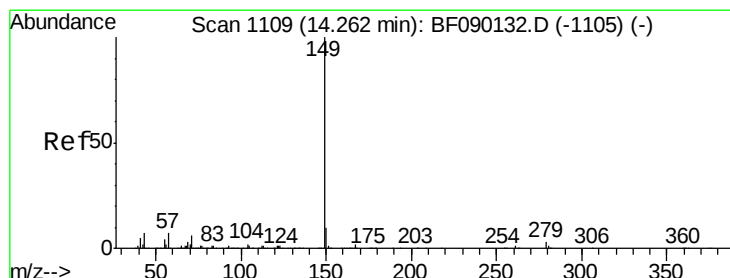
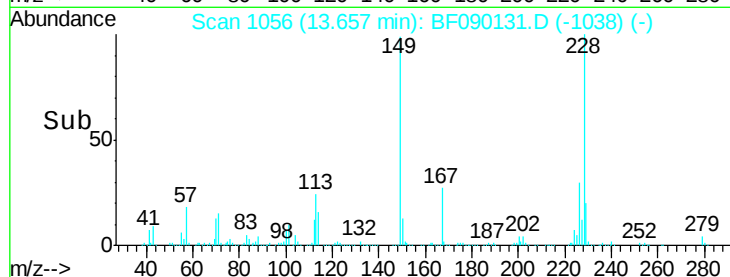
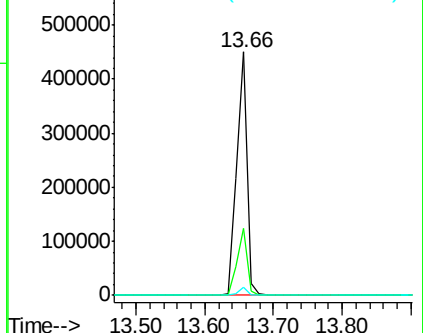
279 3.6 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 26.19 ng

RT: 14.26 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

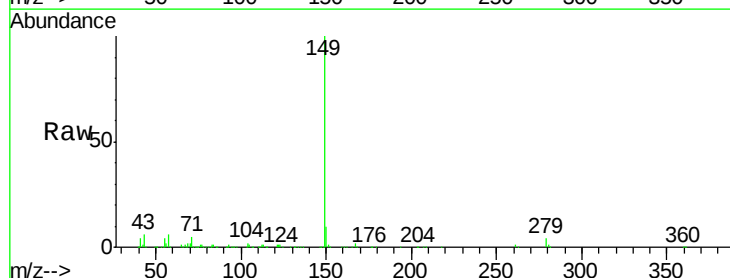
Tgt Ion:149 Resp: 865795

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

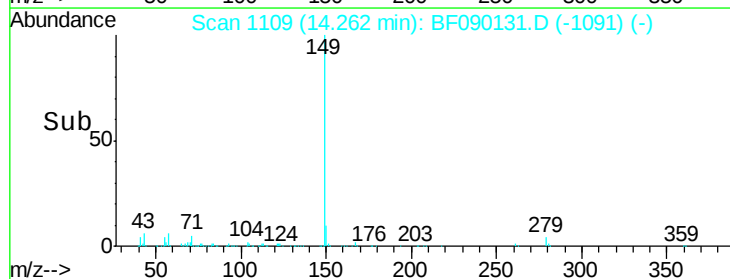
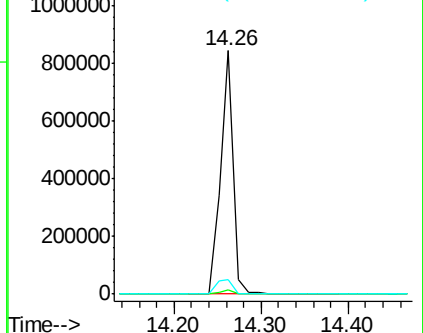
43 8.0 6.8 10.2

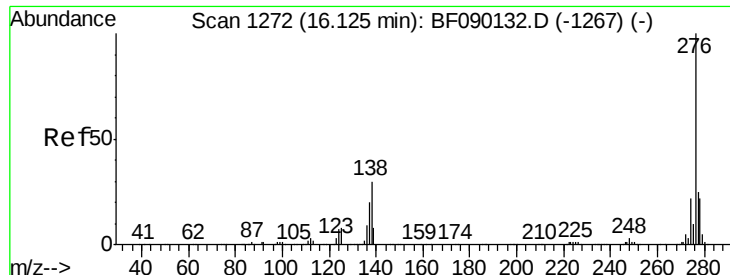


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

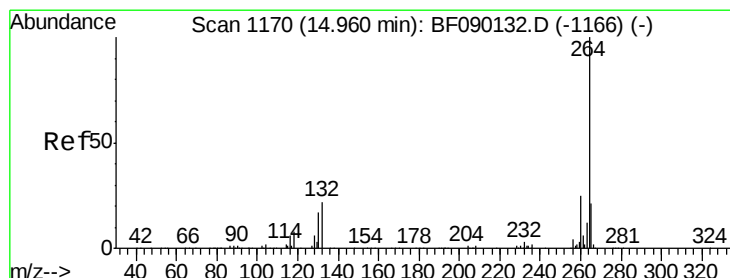
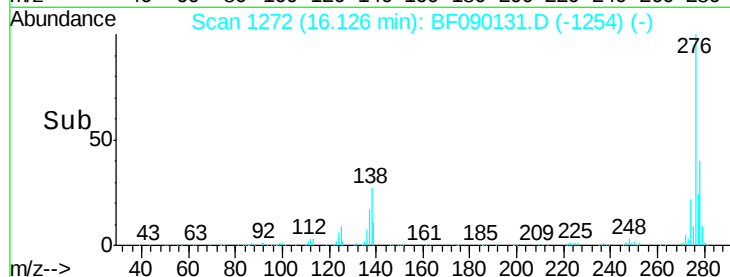
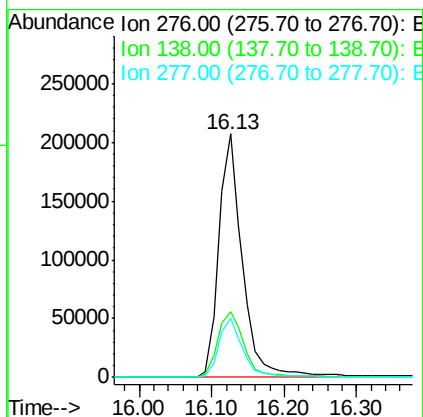
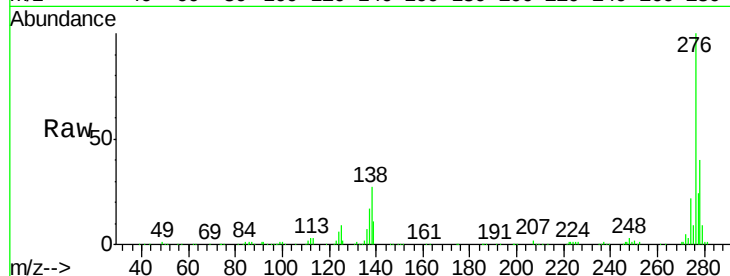




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 23.95 ng  
RT: 16.13 min Scan# 1272  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

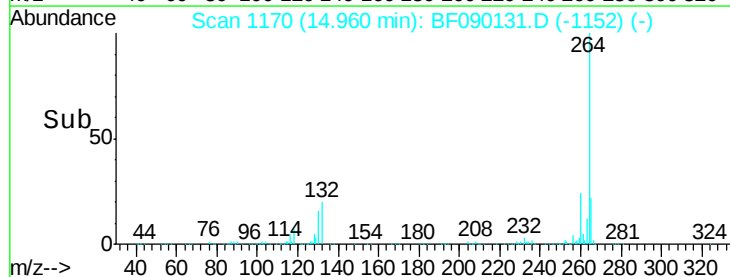
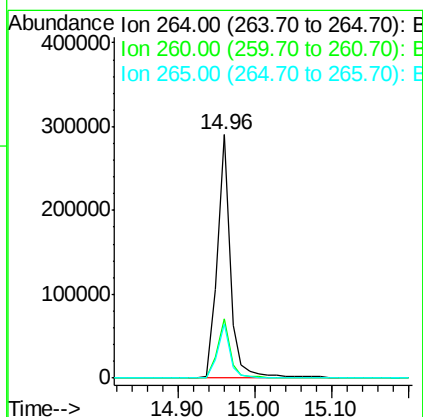
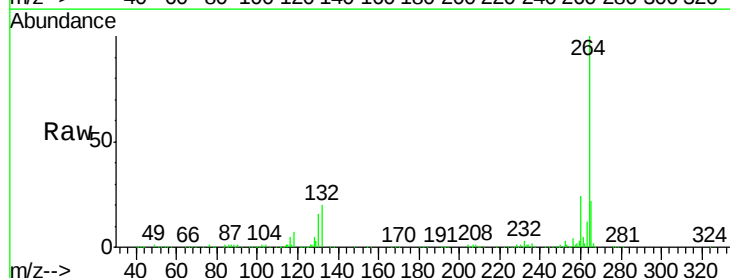
Instrument :  
BNA\_F  
ClientSampleId :

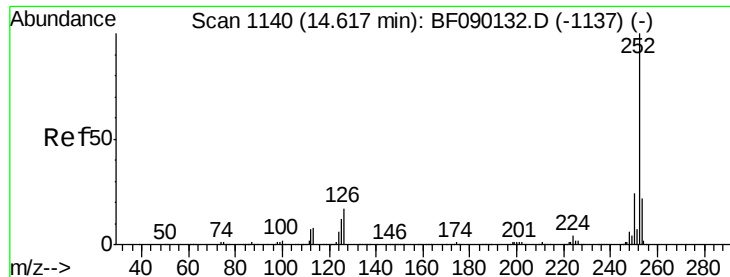
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.8  | 25.9  | 38.9  |
| 277     | 25.0  | 19.9  | 29.9  |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.96 min Scan# 1170  
Delta R.T. 0.00 min  
Lab File: BF090131.D  
Acq: 20 Sep 2016 11:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.5  | 29.3  |
| 265     | 22.0  | 17.0  | 25.4  |





#87

Benzo(b)fluoranthene

Concen: 56.80 ng

RT: 14.64 min Scan# 1142

Delta R.T. 0.02 min

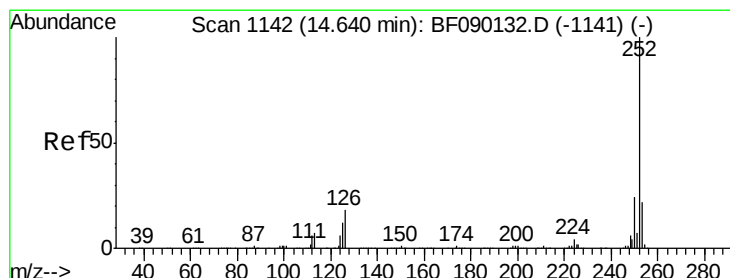
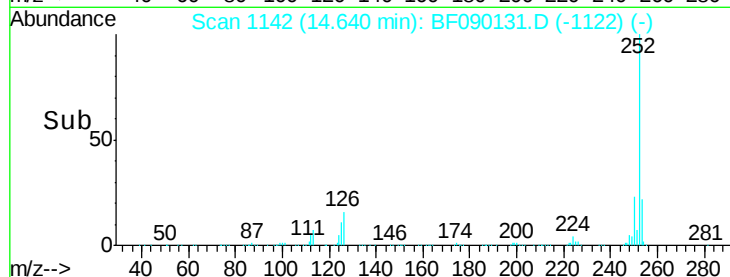
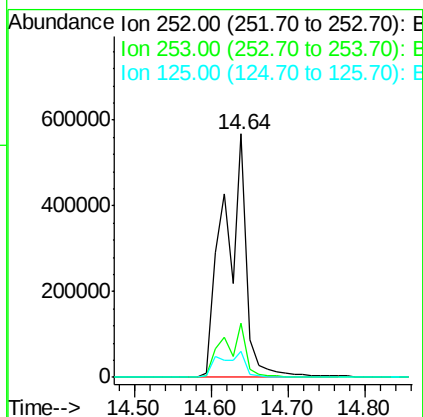
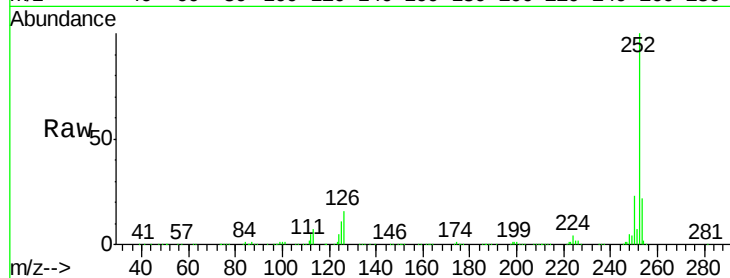
Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 1163920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.9  | 26.9  |
| 125 | 10.7  | 12.7  | 19.1# |



#88

Benzo(k)fluoranthene

Concen: 63.29 ng

RT: 14.64 min Scan# 1142

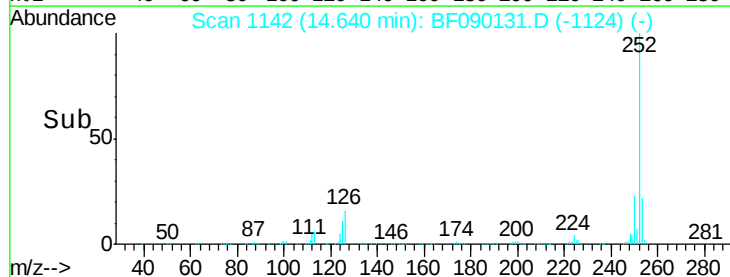
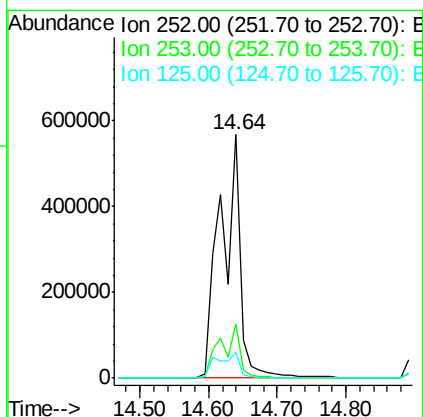
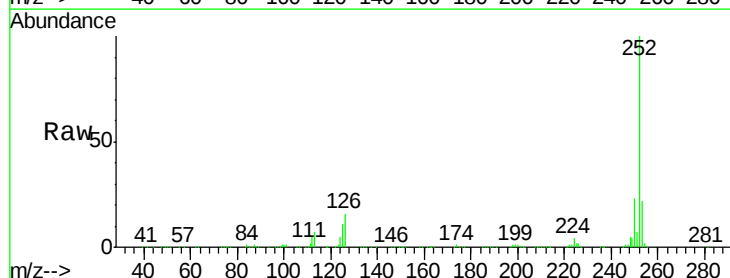
Delta R.T. 0.00 min

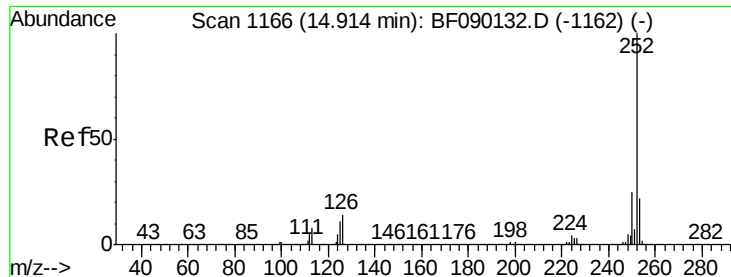
Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Tgt Ion:252 Resp: 1167493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.8  | 26.8  |
| 125 | 10.7  | 7.8   | 11.6  |





#89

Benzo(a)pyrene

Concen: 28.31 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

Instrument :

BNA\_F

ClientSampleId :

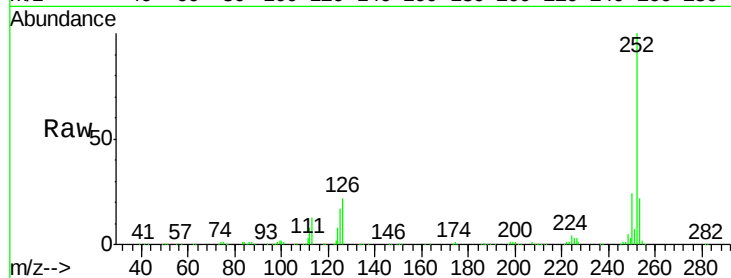
Tot Ion:252 Resp: 520095

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

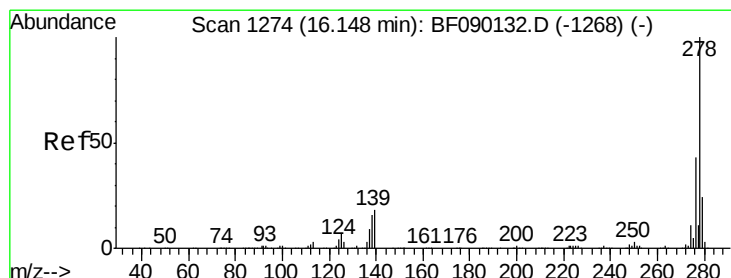
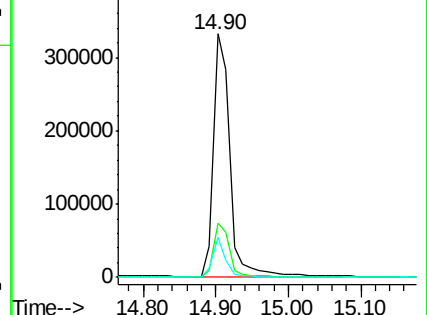
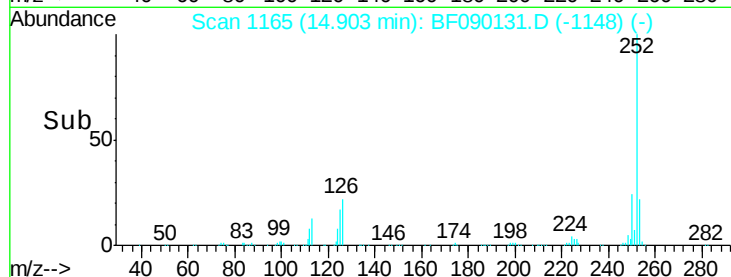
125 16.5 7.7 11.5#



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: 27.15 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF090131.D

Acq: 20 Sep 2016 11:38

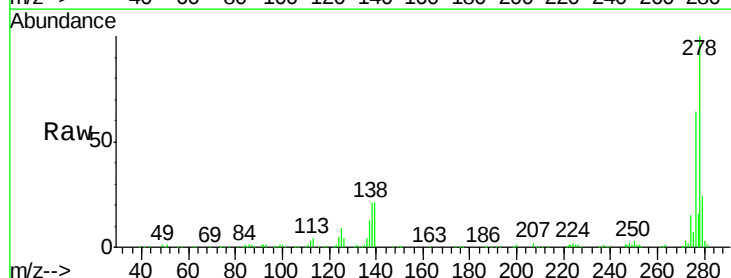
Tgt Ion:278 Resp: 390687

Ion Ratio Lower Upper

278 100

139 20.8 14.6 21.8

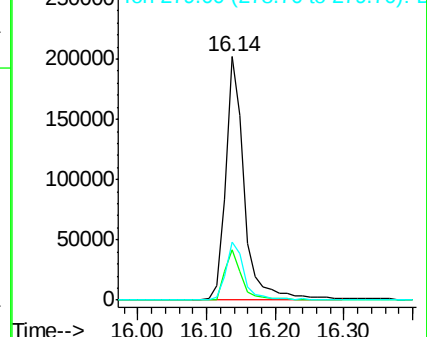
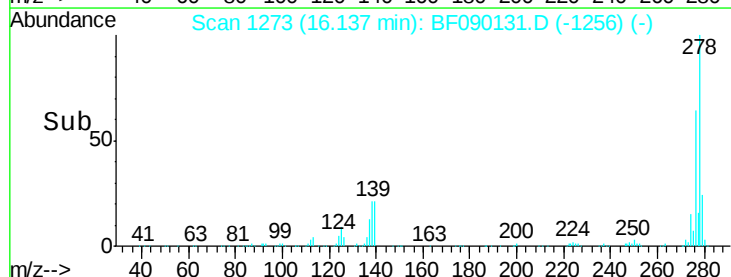
279 24.0 18.8 28.2

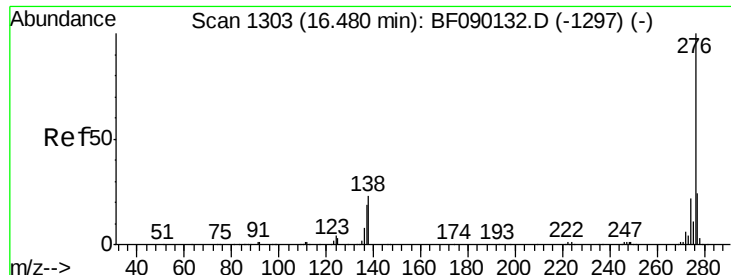


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

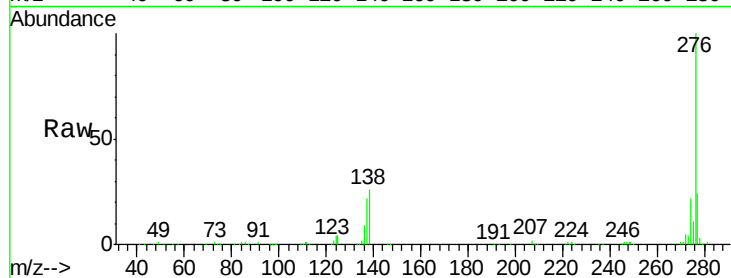




#91  
 Benzo(a,h,i)perylene  
 Concen: 26.88 ng  
 RT: 16.47 min Scan# 1302  
 Delta R.T. -0.01 min  
 Lab File: BF090131.D  
 Acq: 20 Sep 2016 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 18.9  | 28.3  |
| 138     | 26.4  | 23.3  | 34.9  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

