

Data Path : Z:\HPCHEM1\BNA F\Data\BF010917\  
 Data File : BF092134.D  
 Acq On : 9 Jan 2017 13:17  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 09 14:47:38 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 06 15:43:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.63  | 152  | 177889   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.92  | 136  | 733892   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.67  | 164  | 375881   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.14 | 188  | 623018   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.79 | 240  | 474675   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.15 | 264  | 428301   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.24  | 112 | 916026  | 85.98  | ng | 0.00  |
| 7) Phenol-d6             | 6.31  | 99  | 1127318 | 86.67  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.21  | 82  | 1114774 | 84.46  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.46 | 330 | 261880  | 84.19  | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.01  | 172 | 1835641 | 102.76 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.73 | 244 | 1520492 | 77.69  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.09 | 88  | 200829  | 38.29 | ng | 98     |
| 3) Pyridine                    | 2.73 | 79  | 816252  | 44.59 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.70 | 42  | 289962  | 41.99 | ng | 99     |
| 6) Aniline                     | 6.30 | 93  | 733591  | 43.42 | ng | # 45   |
| 8) 2-Chlorophenol              | 6.42 | 128 | 504390  | 41.62 | ng | 100    |
| 9) Benzaldehyde                | 6.17 | 77  | 311336  | 43.19 | ng | 98     |
| 10) Phenol                     | 6.32 | 94  | 716158  | 48.32 | ng | # 70   |
| 11) bis(2-Chloroethyl)ether    | 6.38 | 93  | 521544  | 44.22 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 578007  | 44.68 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.65 | 146 | 578007  | 43.90 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 6.80 | 146 | 465446  | 40.74 | ng | 97     |
| 15) Benzyl Alcohol             | 6.79 | 79  | 395740  | 39.16 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.93 | 45  | 743861  | 42.36 | ng | # 20   |
| 17) 2-Methylphenol             | 6.93 | 107 | 412579  | 42.33 | ng | # 92   |
| 18) Hexachloroethane           | 7.14 | 117 | 203918  | 41.77 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70  | 371847  | 42.97 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.09 | 107 | 573102  | 49.30 | ng | # 71   |
| 22) Acetophenone               | 7.05 | 105 | 749303  | 41.39 | ng | # 93   |
| 24) Nitrobenzene               | 7.22 | 77  | 537249  | 38.22 | ng | 97     |
| 25) Isophorone                 | 7.46 | 82  | 946889  | 38.89 | ng | # 93   |
| 26) 2-Nitrophenol              | 7.54 | 139 | 286208  | 41.29 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.60 | 122 | 418555  | 36.40 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93  | 556309  | 37.68 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.80 | 162 | 393742  | 40.44 | ng | 87     |
| 30) 1,2,4-Trichlorobenzene     | 7.86 | 180 | 422495  | 39.60 | ng | # 94   |
| 31) Naphthalene                | 7.94 | 128 | 1439362 | 42.85 | ng | 99     |
| 32) Benzoic acid               | 7.76 | 122 | 313029  | 36.71 | ng | 97     |
| 33) 4-Chloroaniline            | 8.00 | 127 | 570115  | 37.64 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.07 | 225 | 247186  | 43.89 | ng | 97     |
| 35) Caprolactam                | 8.39 | 113 | 135653  | 42.40 | ng | # 83   |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 441090  | 39.37 | ng | # 83   |
| 37) 2-Methylnaphthalene        | 8.63 | 142 | 923412  | 45.57 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 391526  | 41.23 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.79 | 237 | 135817  | 34.49 | ng | 98     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 09 14:47:38 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 06 15:43:51 2017  
 Response via : Initial Calibration

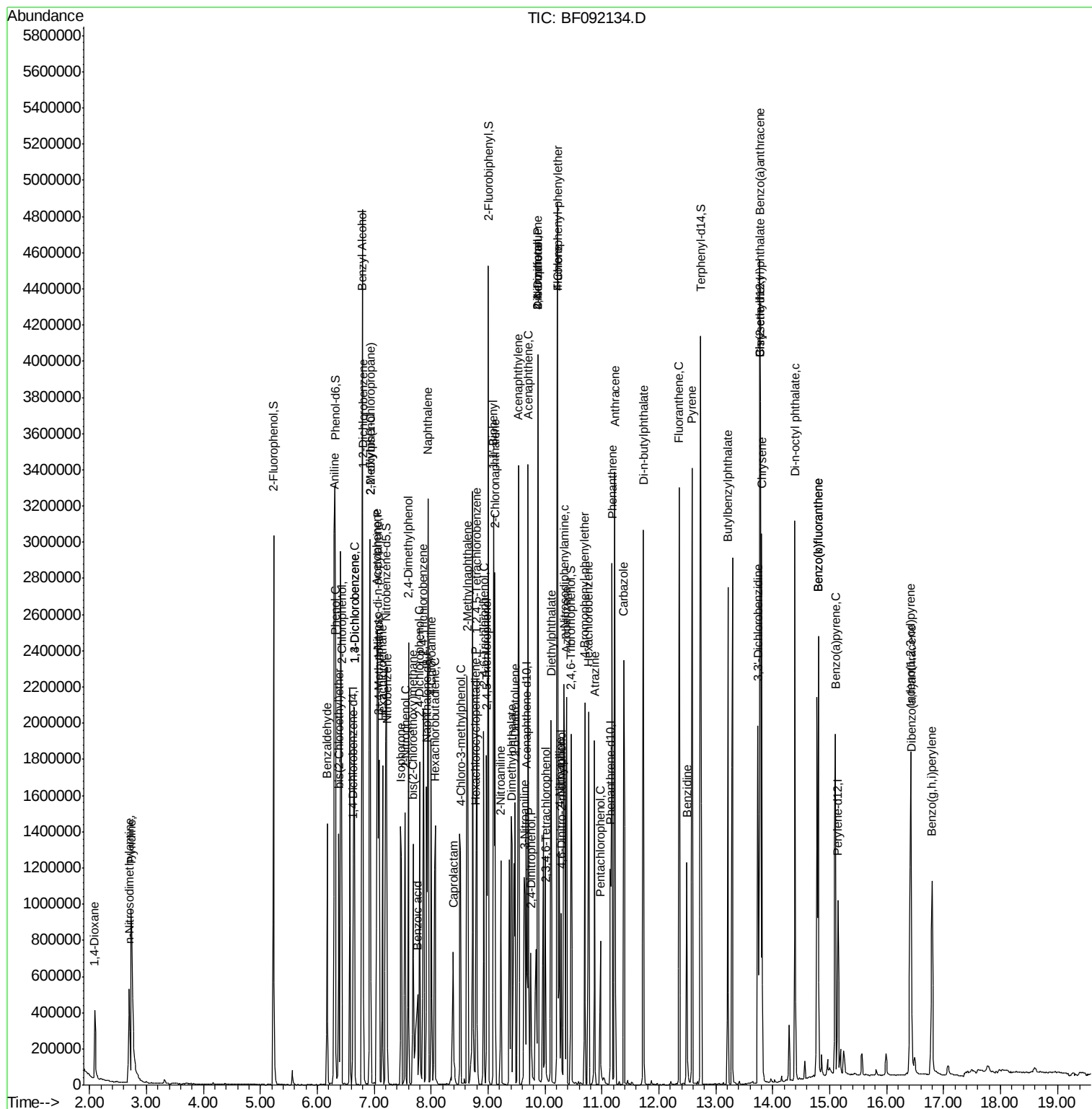
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.93  | 196  | 271002   | 40.80  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.97  | 196  | 278971   | 40.82  | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.10  | 154  | 1052874  | 40.91  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.12  | 162  | 825133   | 40.48  | nq    | 95       |
| 47) 2-Nitroaniline             | 9.22  | 65   | 276164   | 38.06  | nq    | 99       |
| 48) Acenaphthylene             | 9.53  | 152  | 1248635  | 39.83  | nq    | 98       |
| 49) Dimethylphthalate          | 9.42  | 163  | 1034418  | 43.03  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.48  | 165  | 244400   | 46.45  | nq    | 99       |
| 51) Acenaphthene               | 9.70  | 154  | 783592   | 36.87  | nq    | 100      |
| 52) 3-Nitroaniline             | 9.65  | 138  | 297645   | 45.71  | nq    | # 73     |
| 53) 2,4-Dinitrophenol          | 9.75  | 184  | 118751   | 40.56  | nq    | # 60     |
| 54) Dibenzofuran               | 9.88  | 168  | 1058588  | 36.89  | nq    | 99       |
| 55) 4-Nitrophenol              | 9.88  | 139  | 595889   | 134.77 | nq    | # 8      |
| 56) 2,4-Dinitrotoluene         | 9.88  | 165  | 274278   | 41.53  | nq    | # 84     |
| 57) Fluorene                   | 10.22 | 166  | 837354   | 40.10  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.01 | 232  | 207769   | 38.43  | nq    | 98       |
| 59) Diethylphthalate           | 10.10 | 149  | 960424   | 41.14  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204  | 416896   | 45.60  | nq    | 88       |
| 61) 4-Nitroaniline             | 10.25 | 138  | 255629   | 37.88  | nq    | 97       |
| 62) Azobenzene                 | 10.38 | 77   | 1111643  | 43.24  | nq    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 10.29 | 198  | 149392   | 39.65  | nq    | 81       |
| 65) n-Nitrosodiphenylamine     | 10.33 | 169  | 788060   | 42.63  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.70 | 248  | 257261   | 39.70  | nq    | 93       |
| 67) Hexachlorobenzene          | 10.77 | 284  | 282145   | 40.73  | nq    | 95       |
| 68) Atrazine                   | 10.87 | 200  | 198035   | 33.21  | nq    | 99       |
| 69) Pentachlorophenol          | 10.97 | 266  | 127280   | 37.45  | nq    | 98       |
| 70) Phenanthrene               | 11.18 | 178  | 1442099  | 42.69  | nq    | 98       |
| 71) Anthracene                 | 11.22 | 178  | 1314711  | 43.34  | nq    | 99       |
| 72) Carbazole                  | 11.38 | 167  | 1269455  | 46.16  | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.73 | 149  | 1570130  | 49.46  | nq    | 98       |
| 74) Fluoranthene               | 12.36 | 202  | 1328873  | 44.82  | nq    | 98       |
| 76) Benzidine                  | 12.49 | 184  | 725087   | 66.88  | nq    | 98       |
| 77) Pyrene                     | 12.59 | 202  | 1406928  | 40.40  | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.21 | 149  | 628357   | 39.67  | nq    | 99       |
| 80) Benzo(a)anthracene         | 13.77 | 228  | 1140564  | 42.57  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.74 | 252  | 404219   | 39.78  | nq    | 97       |
| 82) Chrysene                   | 13.81 | 228  | 1061857  | 39.51  | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 847813   | 45.45  | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 14.39 | 149  | 1505847  | 43.58  | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.43 | 276  | 939982   | 40.37  | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 14.80 | 252  | 2039337  | 76.48  | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 14.80 | 252  | 2039859  | 89.71  | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.10 | 252  | 978763   | 41.35  | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 16.44 | 278  | 794952   | 40.86  | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 16.80 | 276  | 817239   | 40.40  | nq    | 97       |

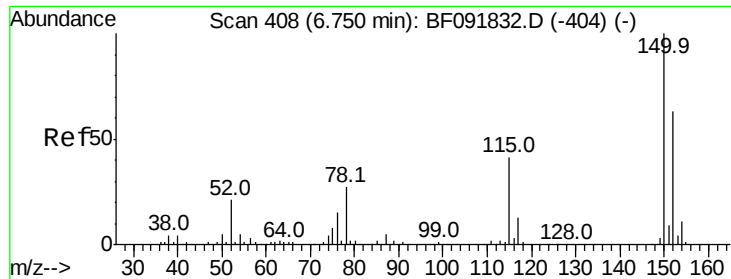
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA F\Data\BF010917\  
Data File : BF092134.D  
Acq On    : 9 Jan 2017 13:17  
Operator  : UM/SJ  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Jan 09 14:47:38 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 06 15:43:51 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :  
BNA\_F  
ClientSampleId :

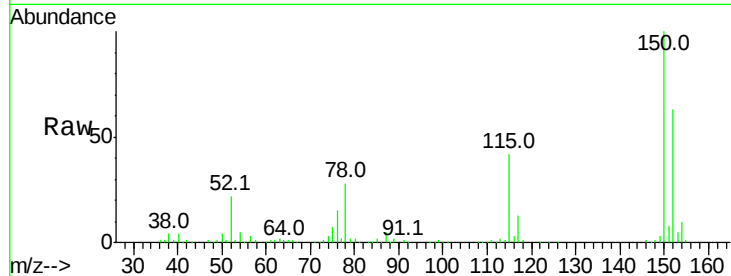
Tot Ion:152 Resp: 177889

Ion Ratio Lower Upper

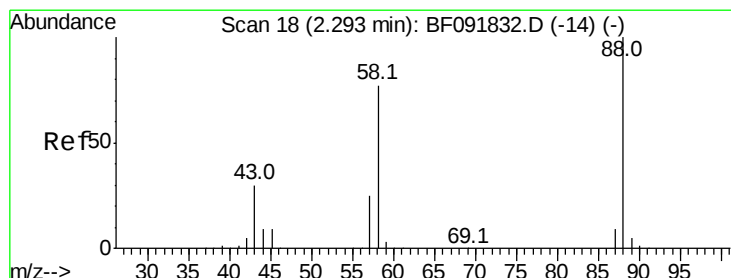
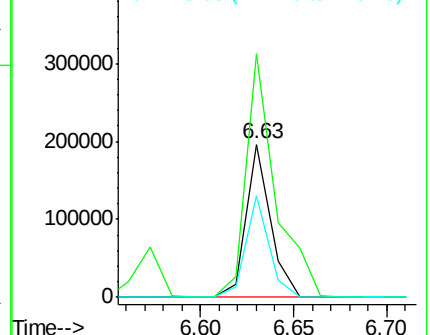
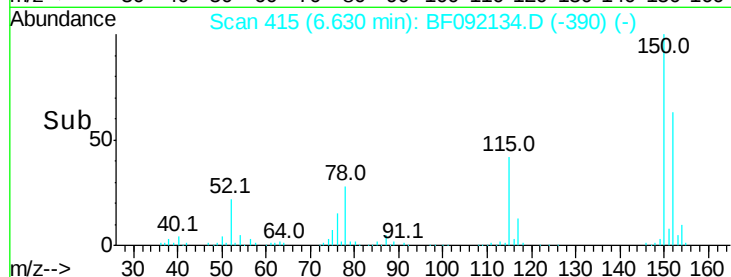
152 100

150 159.3 124.9 187.3

115 66.3 46.0 69.0



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



#2

1,4-Dioxane

Concen: 38.29 ng

RT: 2.09 min Scan# 18

Delta R.T. 0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

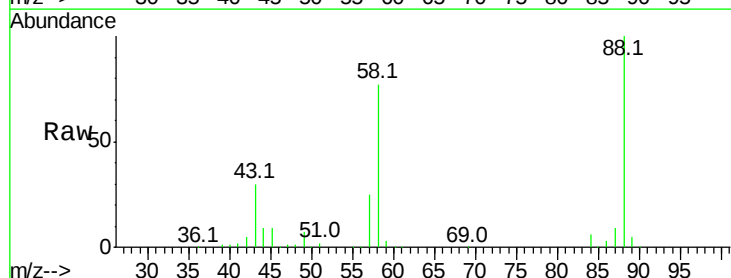
Tgt Ion: 88 Resp: 200829

Ion Ratio Lower Upper

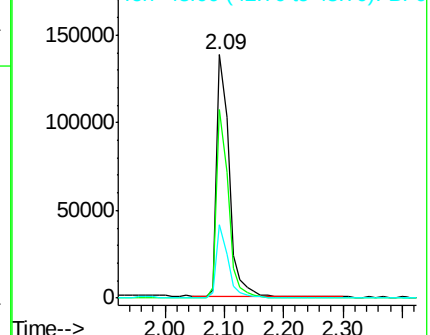
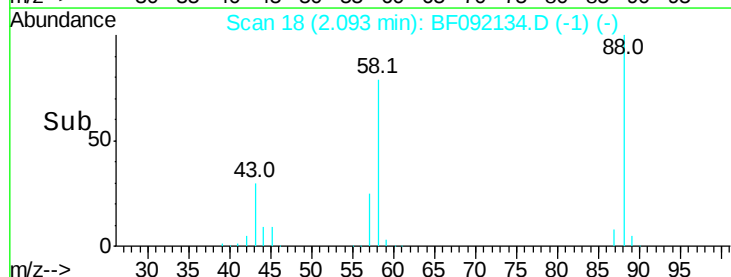
88 100

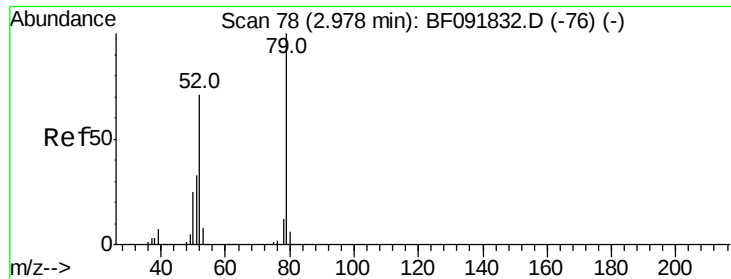
58 73.7 57.8 86.8

43 28.6 22.3 33.5



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: 44.59 ng

RT: 2.73 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

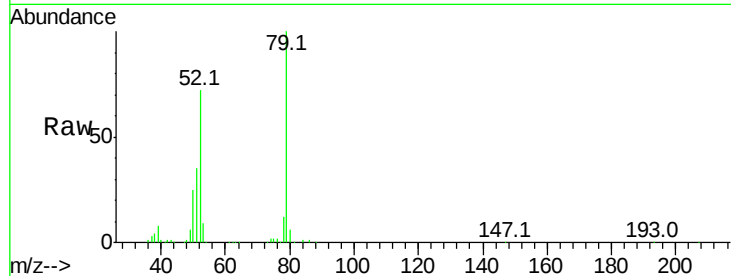
Tot Ion: 79 Resp: 816252

Ion Ratio Lower Upper

79 100

52 72.3 57.1 85.7

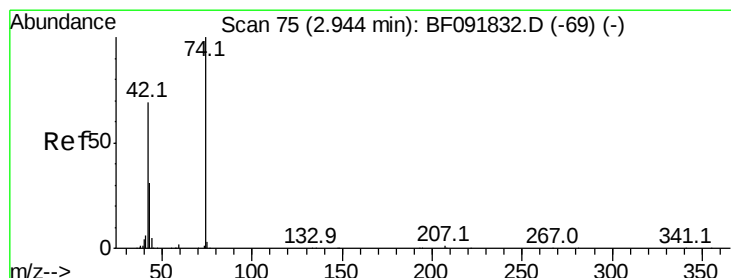
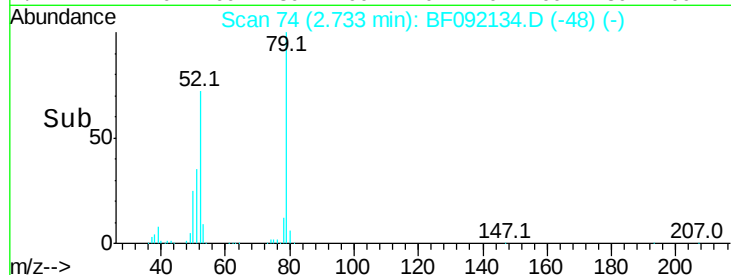
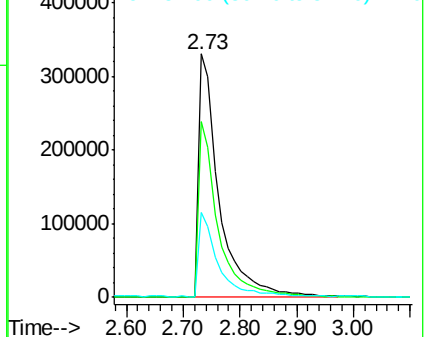
51 35.1 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.99 ng

RT: 2.70 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

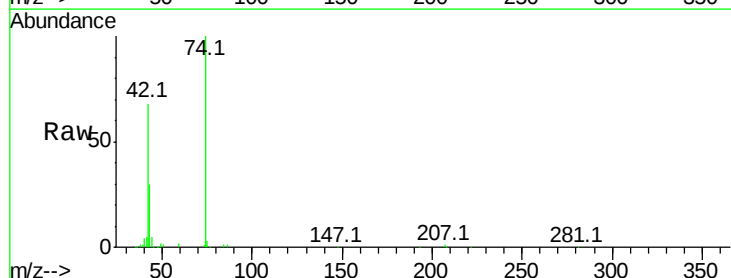
Tgt Ion: 42 Resp: 289962

Ion Ratio Lower Upper

42 100

74 148.1 117.0 175.4

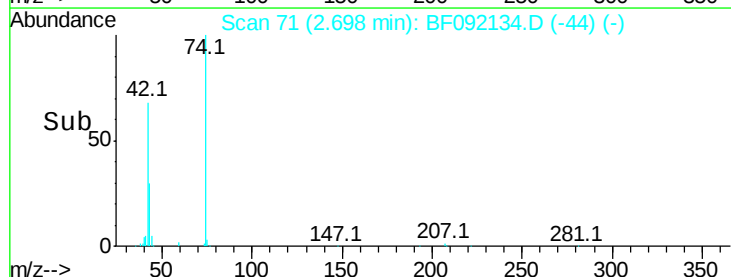
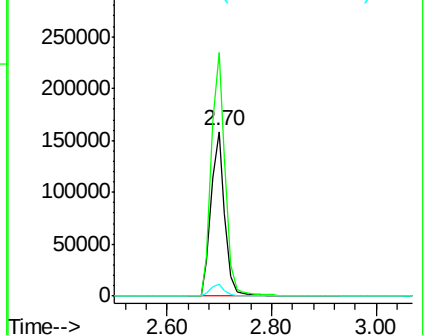
44 6.9 5.5 8.3

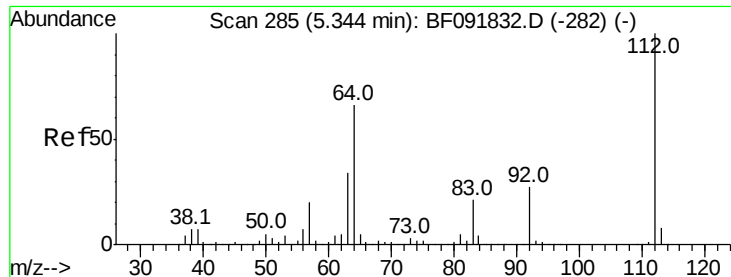


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

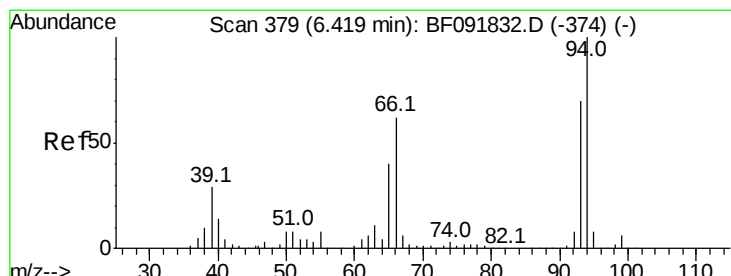
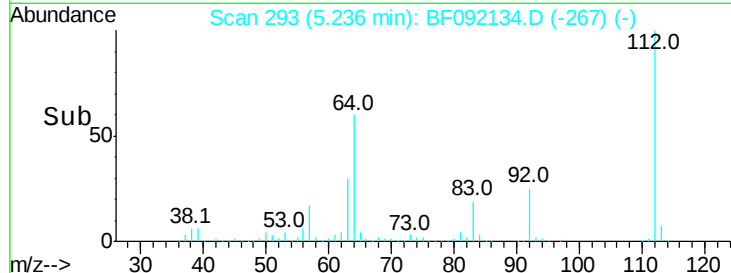
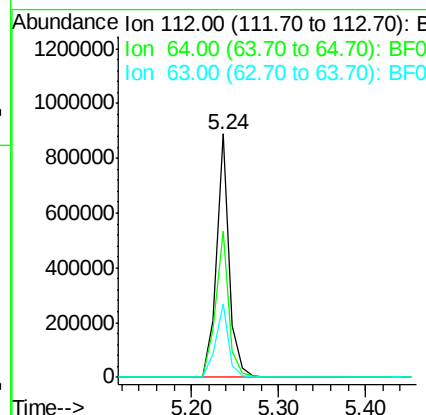
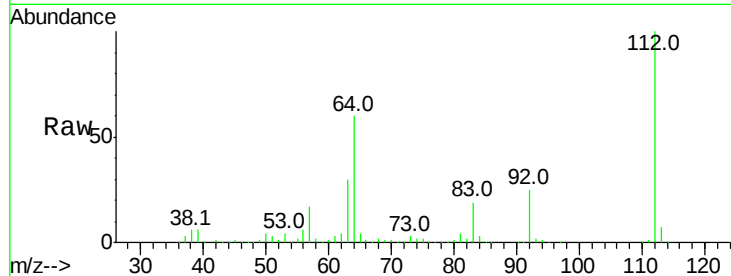




#5  
 2-Fluorophenol  
 Concen: 85.98 ng  
 RT: 5.24 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

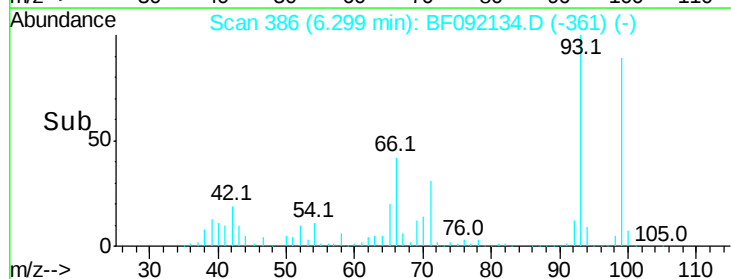
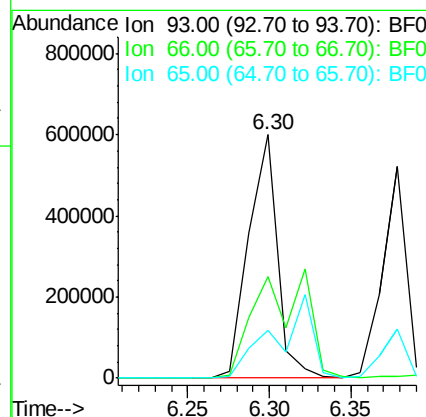
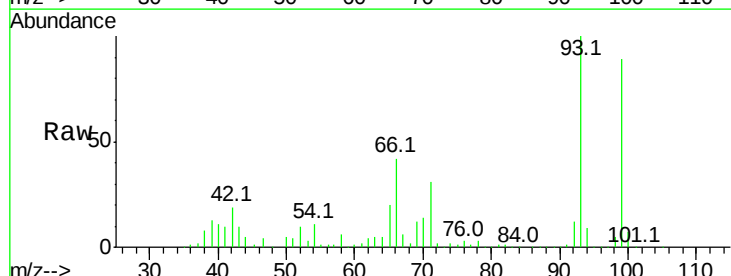
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:112 Resp: 916026  
 Ion Ratio Lower Upper  
 112 100  
 64 59.9 46.1 69.1  
 63 30.1 23.8 35.6



#6  
 Aniline  
 Concen: 43.42 ng  
 RT: 6.30 min Scan# 386  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion: 93 Resp: 733591  
 Ion Ratio Lower Upper  
 93 100  
 66 41.6 76.2 114.2#  
 65 19.6 49.3 73.9#





#7

Phenol-d6

Concen: 86.67 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampled :

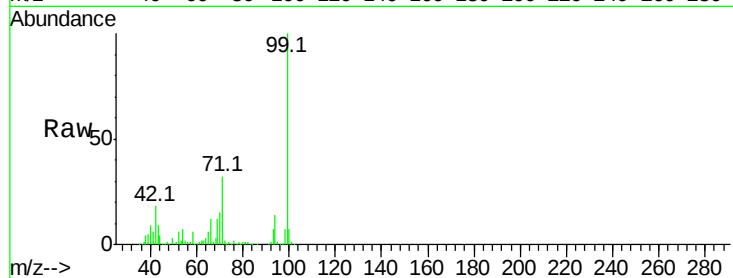
Tot Ion: 99 Resp: 1127318

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

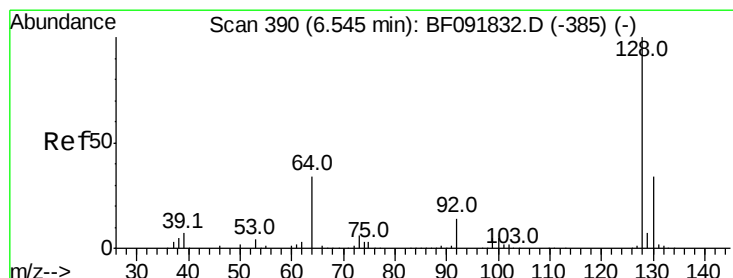
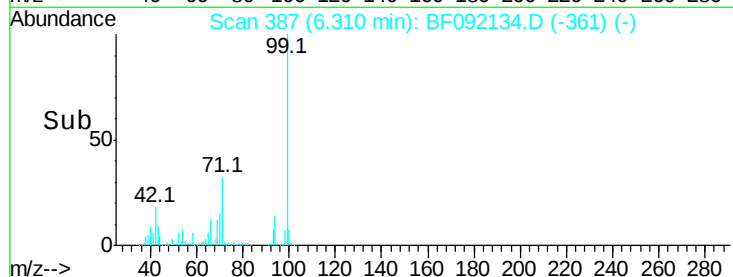
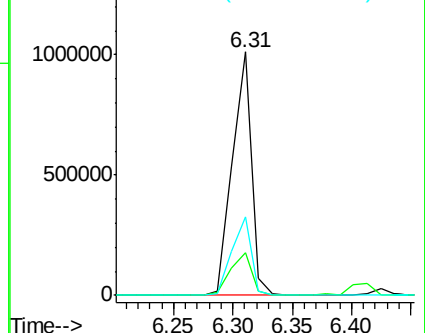
71 32.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.62 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

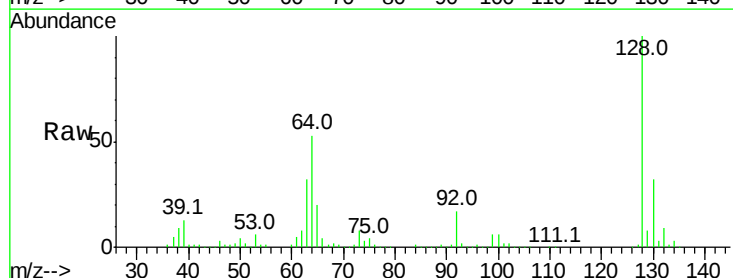
Tgt Ion:128 Resp: 504390

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

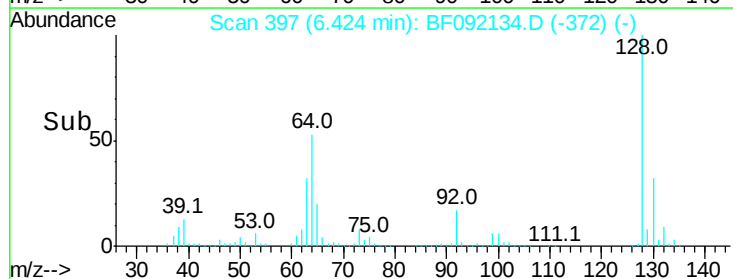
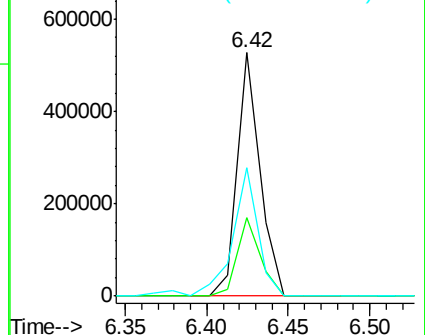
64 52.6 32.2 72.2

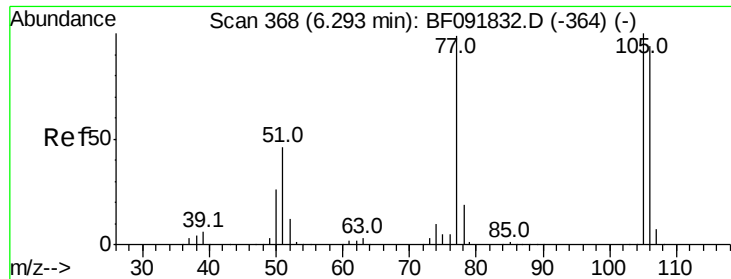


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.19 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

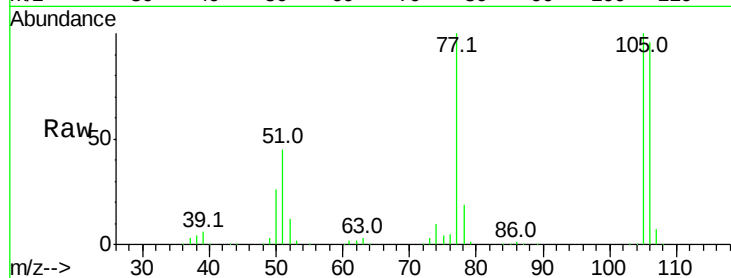
Tot Ion: 77 Resp: 311336

Ion Ratio Lower Upper

77 100

105 100.2 83.9 123.9

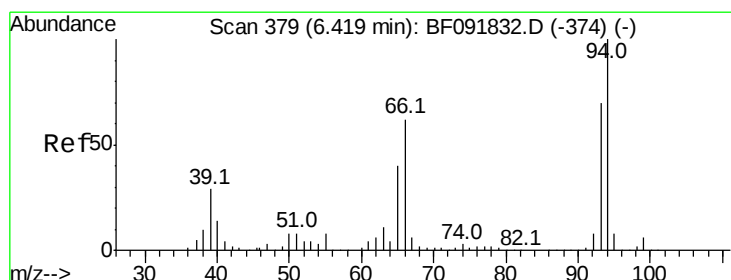
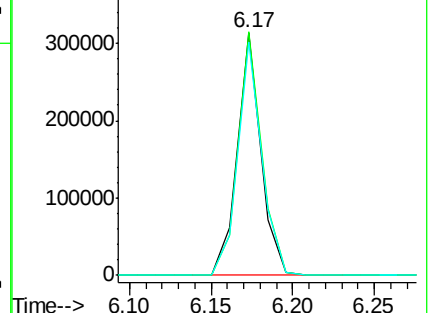
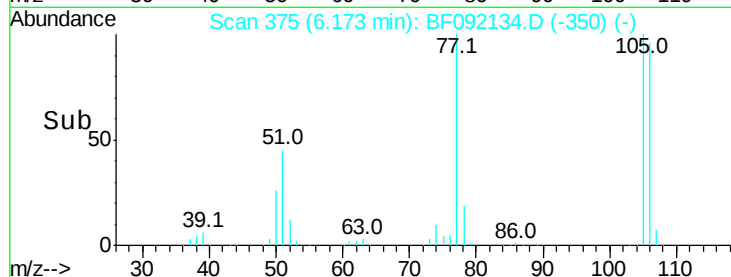
106 96.3 77.6 117.6



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: 48.32 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

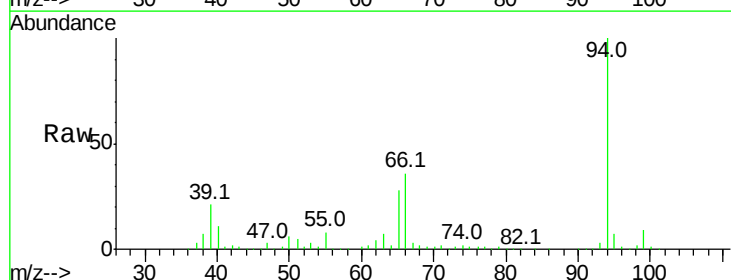
Tgt Ion: 94 Resp: 716158

Ion Ratio Lower Upper

94 100

65 27.8 21.4 61.4

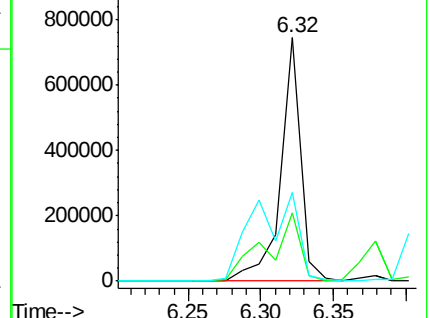
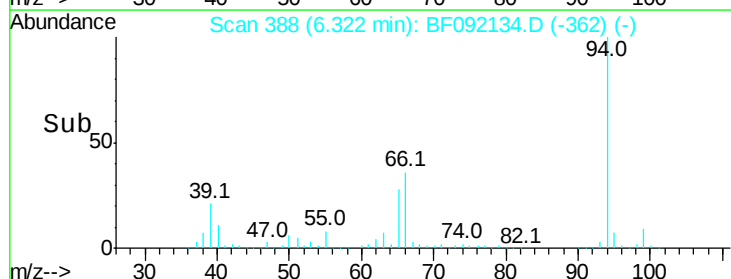
66 36.3 44.0 84.0#

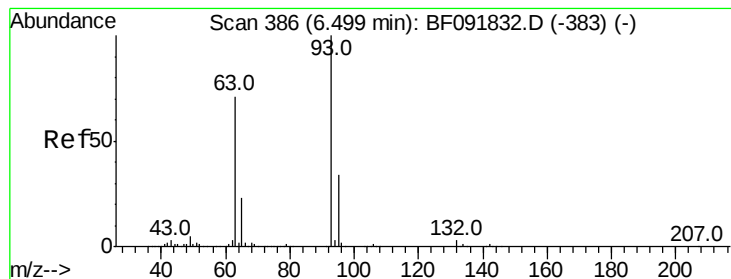


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.22 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

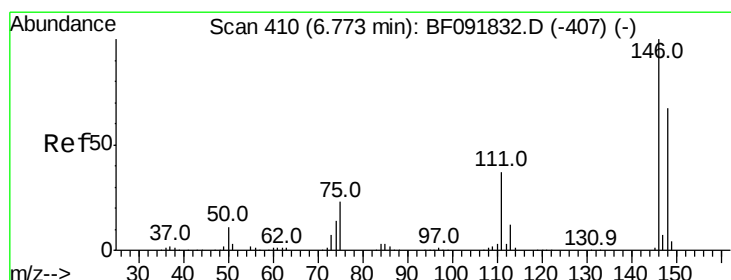
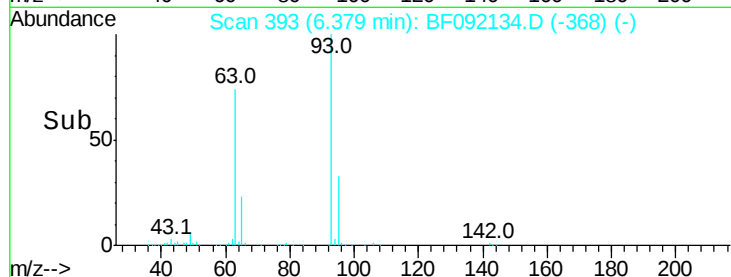
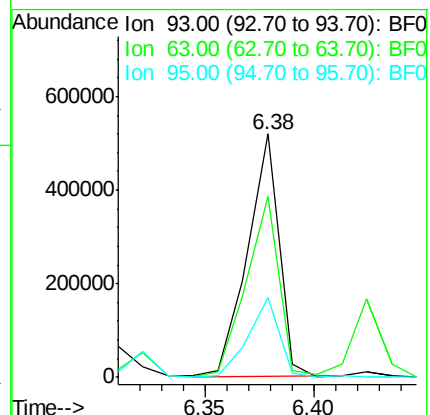
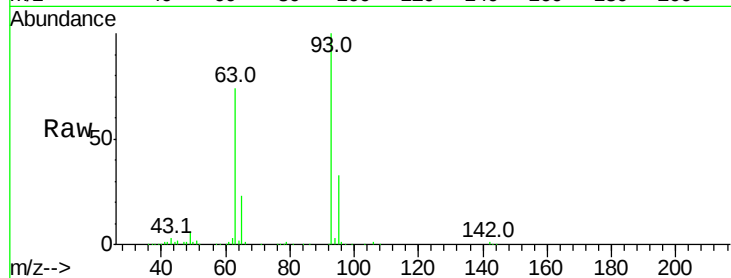
Tot Ion: 93 Resp: 521544

Ion Ratio Lower Upper

93 100

63 74.3 60.4 100.4

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.68 ng

RT: 6.65 min Scan# 417

Delta R.T. 0.07 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

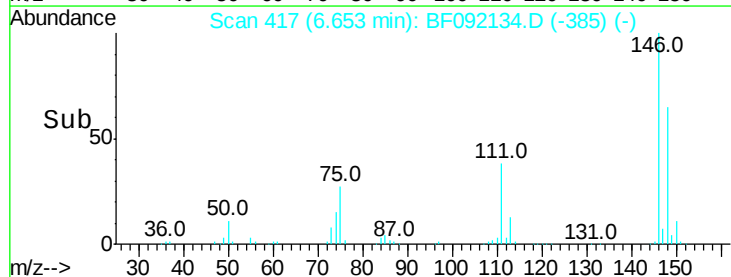
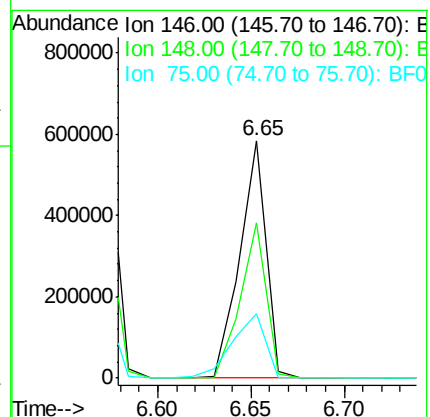
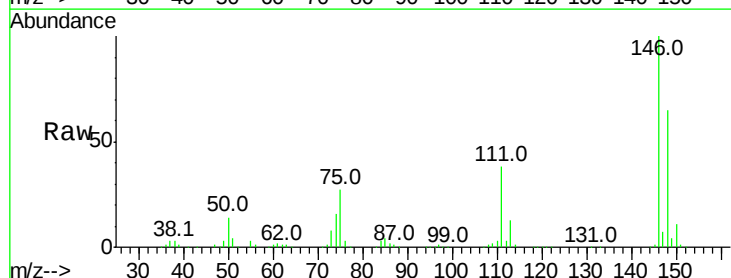
Tgt Ion: 146 Resp: 578007

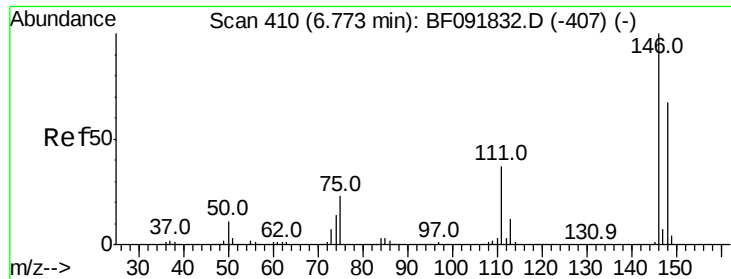
Ion Ratio Lower Upper

146 100

148 65.3 53.4 80.0

75 27.2 18.5 27.7

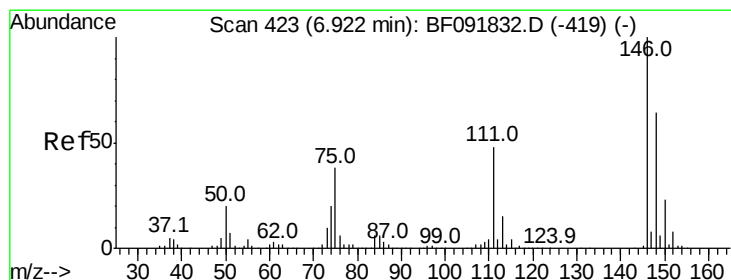
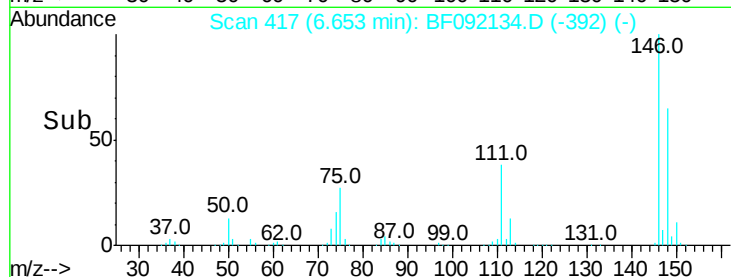
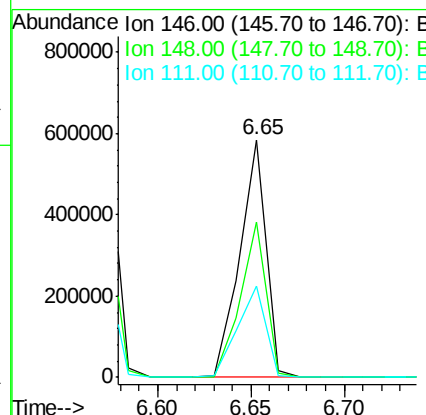
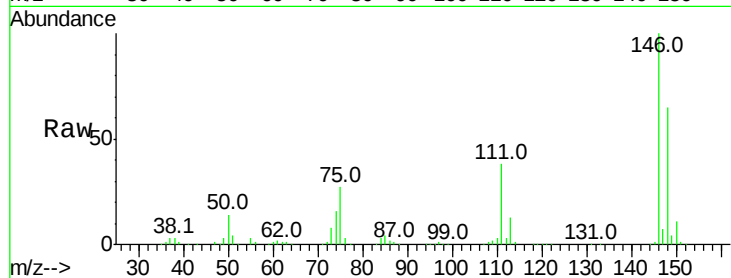




#13  
 1,4-Dichlorobenzene  
 Concen: 43.90 ng  
 RT: 6.65 min Scan# 417  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

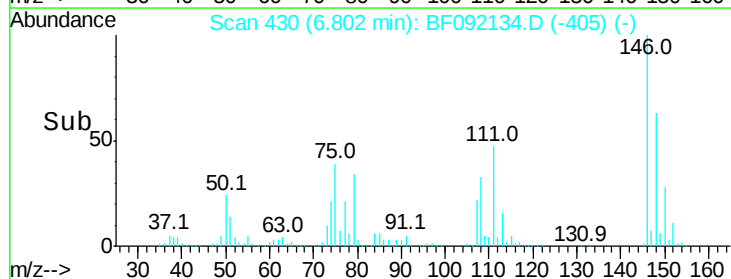
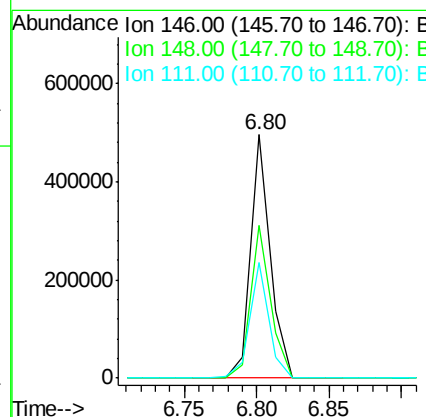
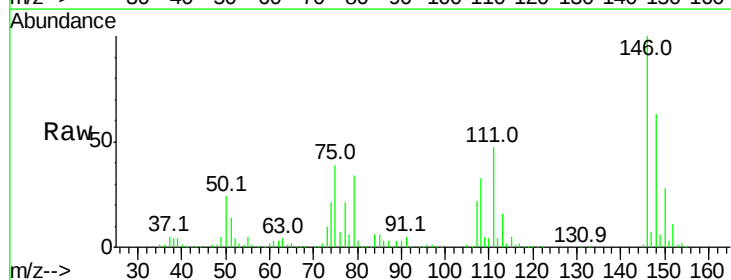
Instrument :  
 BNA\_F  
 ClientSampleId :

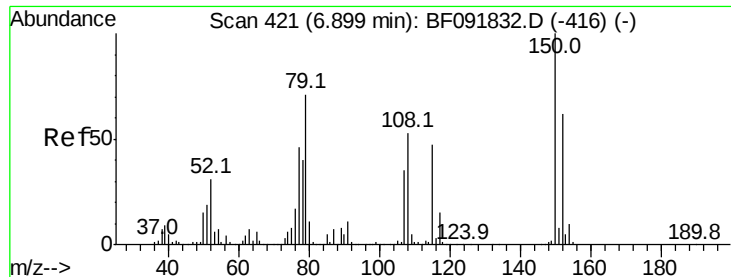
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 50.6  | 76.0  |
| 111     | 38.3  | 36.2  | 54.4  |



#14  
 1,2-Dichlorobenzene  
 Concen: 40.74 ng  
 RT: 6.80 min Scan# 430  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 52.2  | 78.2  |
| 111     | 47.4  | 36.2  | 54.2  |





#15

Benzyl Alcohol

Concen: 39.16 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

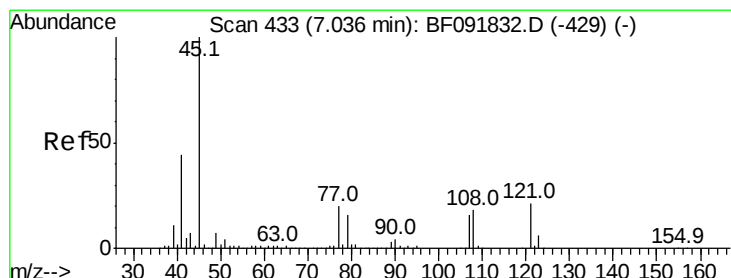
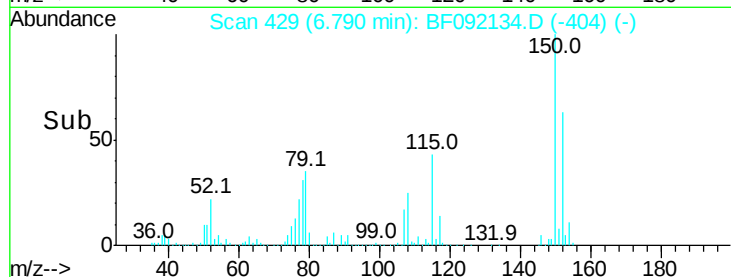
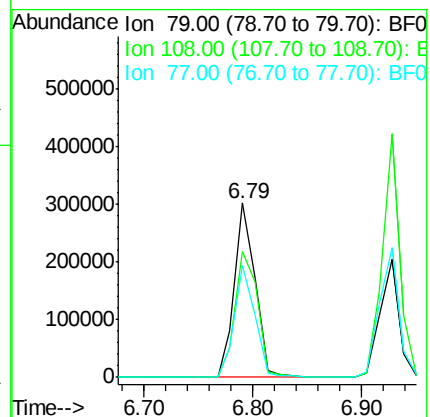
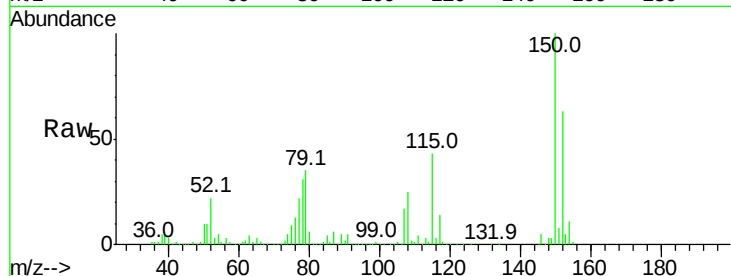
Tot Ion: 79 Resp: 395740

Ion Ratio Lower Upper

79 100

108 72.0 61.4 92.0

77 64.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.36 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

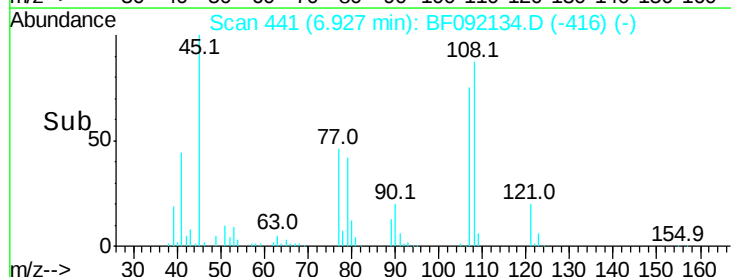
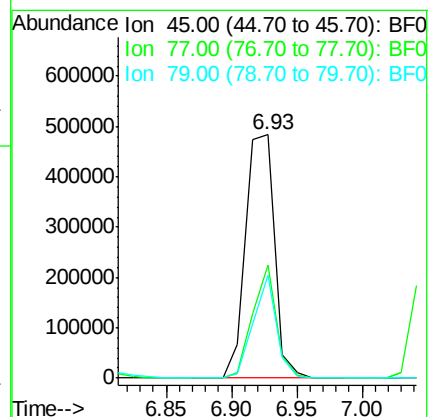
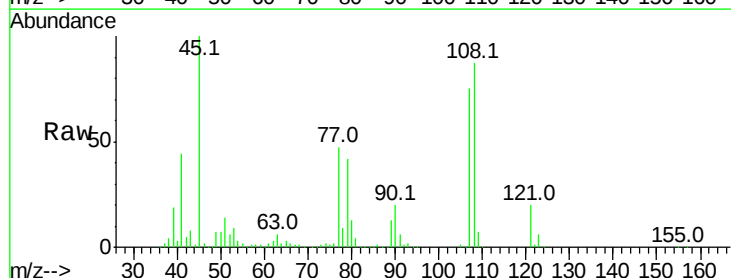
Tgt Ion: 45 Resp: 743861

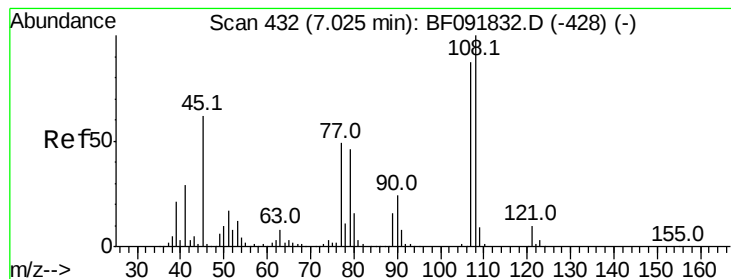
Ion Ratio Lower Upper

45 100

77 46.7 0.0 34.6#

79 42.5 0.0 31.2#





#17

2-Methylphenol

Concen: 42.33 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 412579

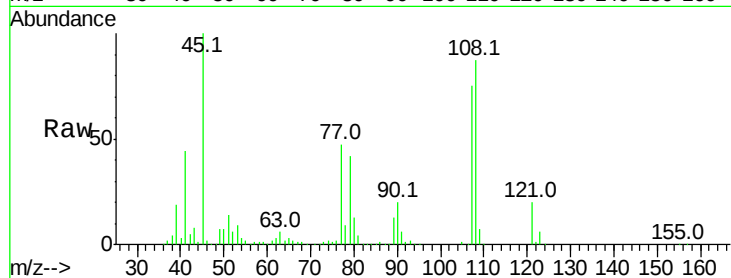
Ion Ratio Lower Upper

107 100

108 116.8 93.0 139.6

77 62.5 39.8 59.8#

79 56.8 38.0 57.0

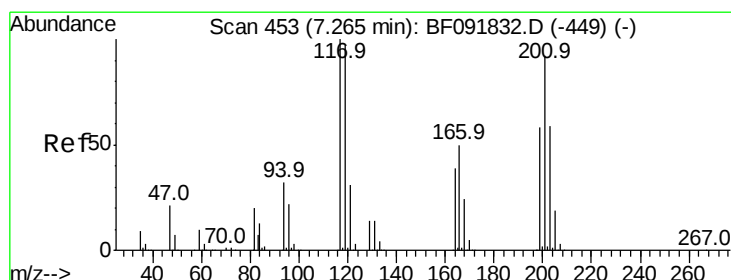
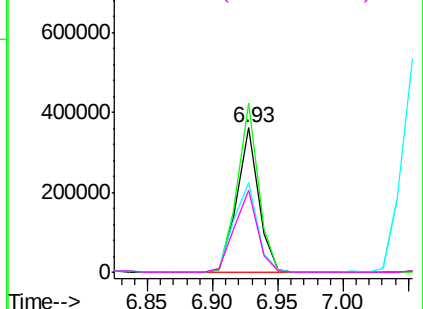
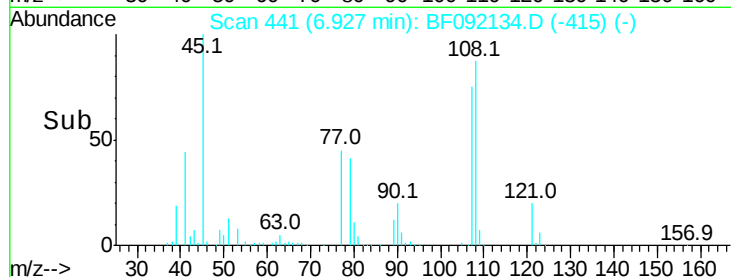


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.77 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

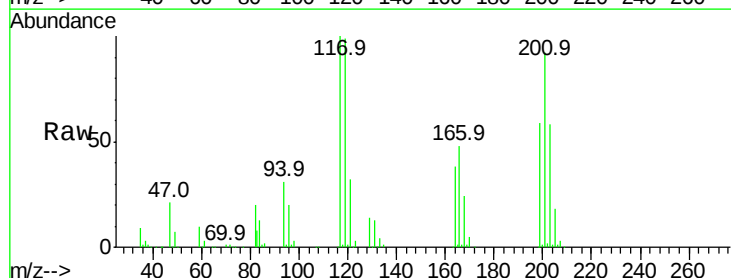
Tgt Ion:117 Resp: 203918

Ion Ratio Lower Upper

117 100

119 98.7 78.1 117.1

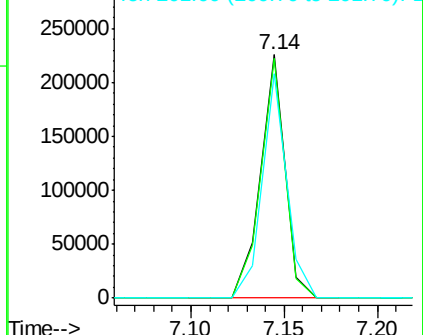
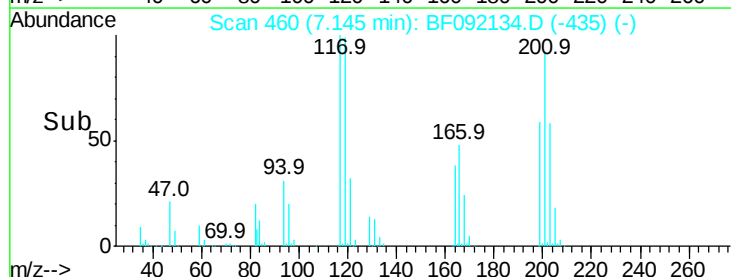
201 92.0 78.6 117.8



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

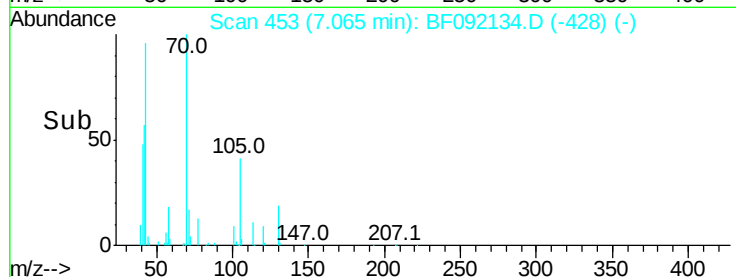
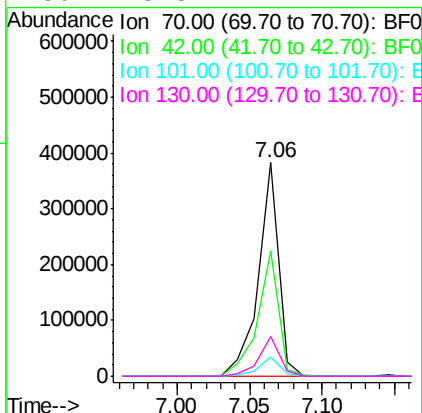
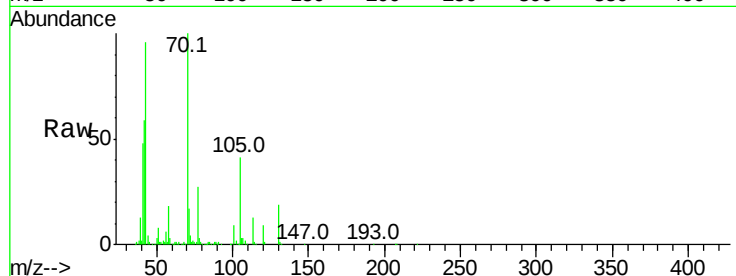




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.97 ng  
RT: 7.06 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

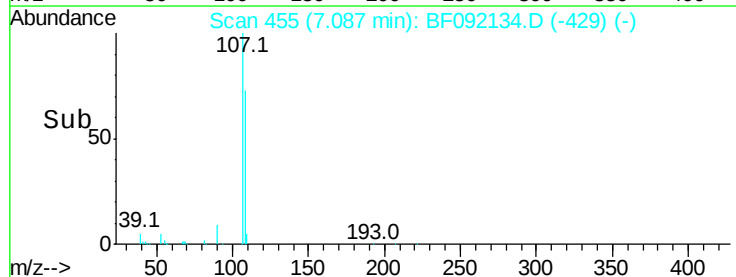
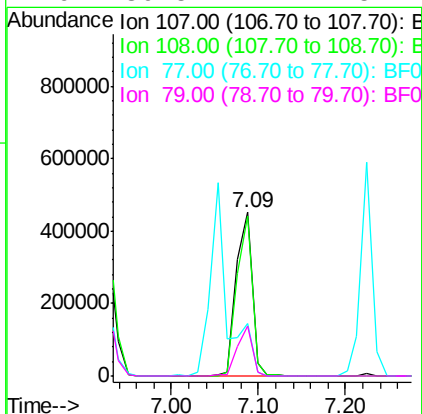
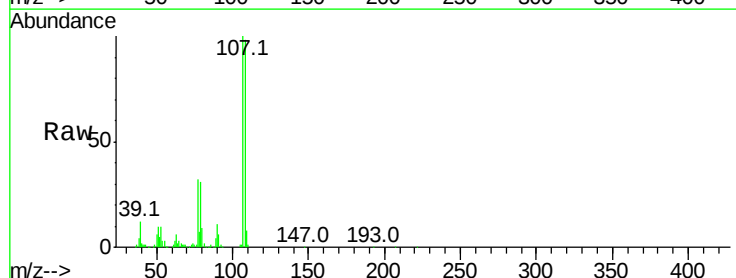
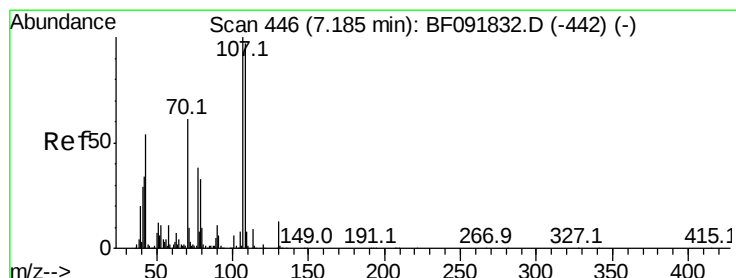
Instrument :  
BNA\_F  
ClientSampleId :

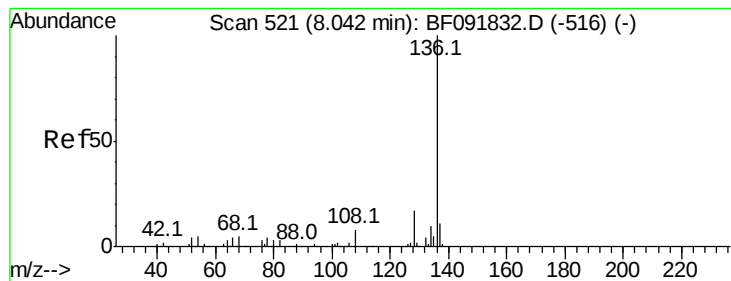
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 58.8 | 49.4  | 74.0  |       |
| 101     | 9.0  | 7.4   | 11.2  |       |
| 130     | 18.5 | 14.2  | 21.4  |       |



#20  
3+4-Methylphenols  
Concen: 49.30 ng  
RT: 7.09 min Scan# 455  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 97.7 | 73.0  | 113.0 |       |
| 77      | 32.3 | 71.3  | 111.3 |       |
| 79      | 30.5 | 11.1  | 51.1  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 733892

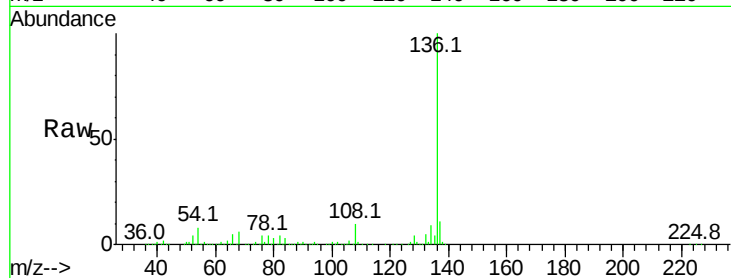
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.0 4.5 6.7#

68 6.3 3.6 5.4#

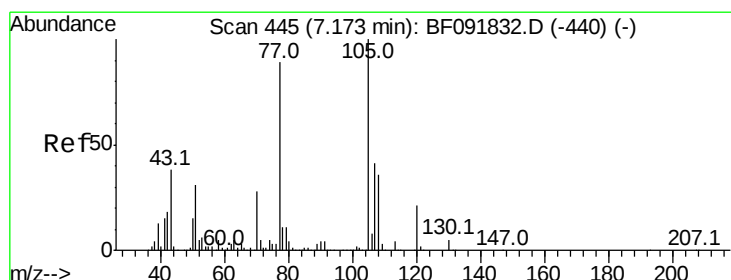
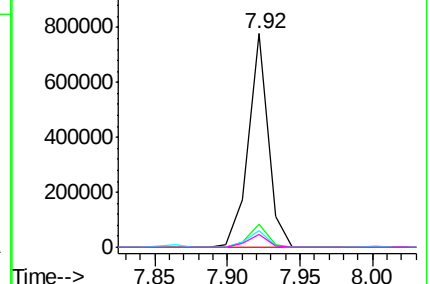
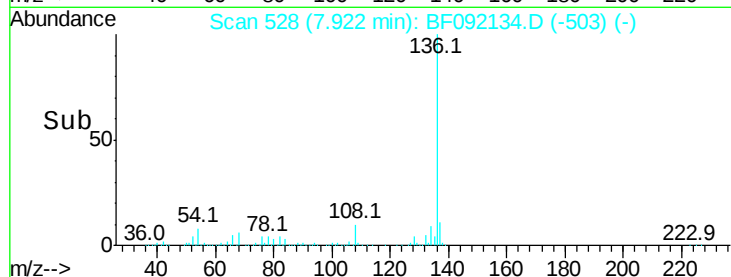


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.39 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Tgt Ion:105 Resp: 749303

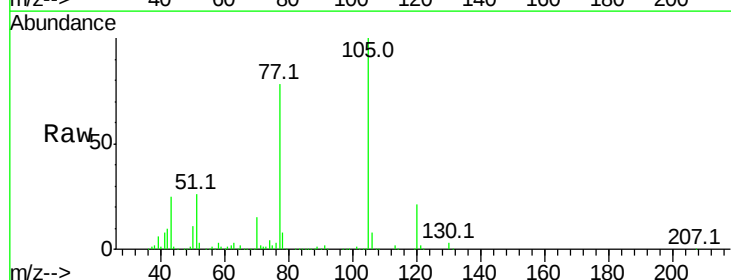
Ion Ratio Lower Upper

105 100

71 2.5 3.2 4.8#

51 25.9 26.2 39.4#

120 20.8 16.6 24.8

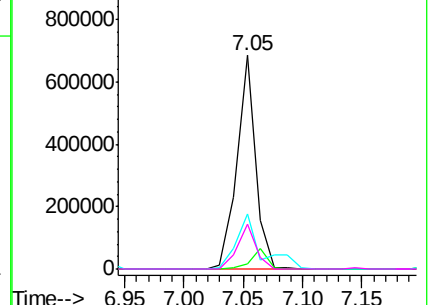
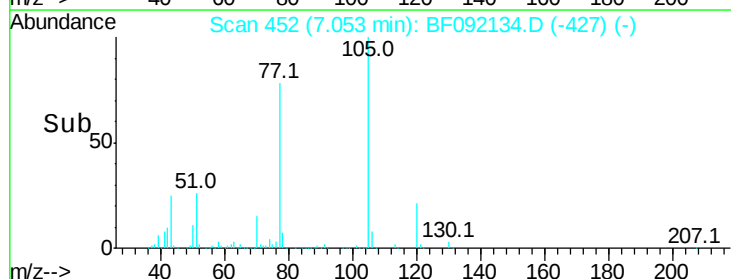


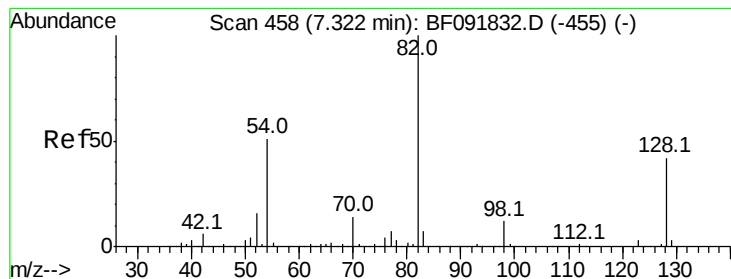
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.46 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

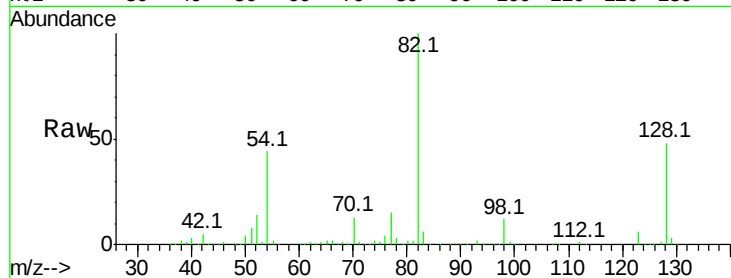
Tot Ion: 82 Resp: 1114774

Ion Ratio Lower Upper

82 100

128 48.0 34.6 52.0

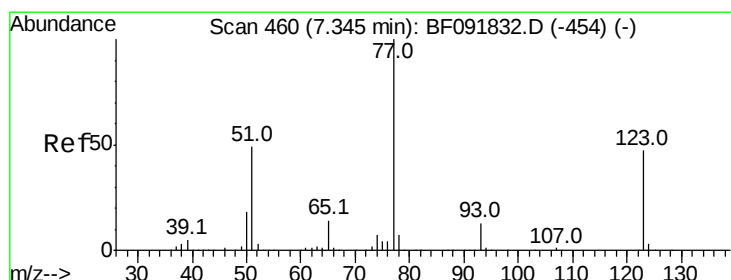
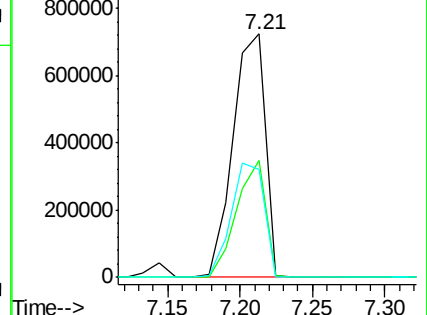
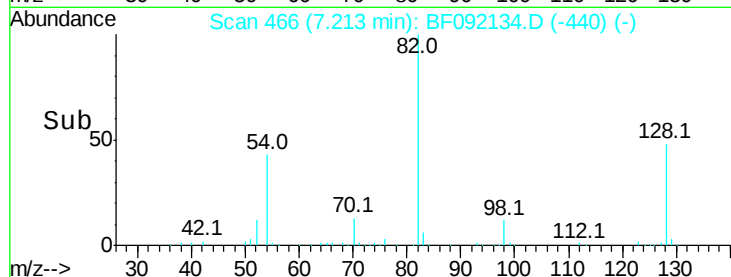
54 44.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.22 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

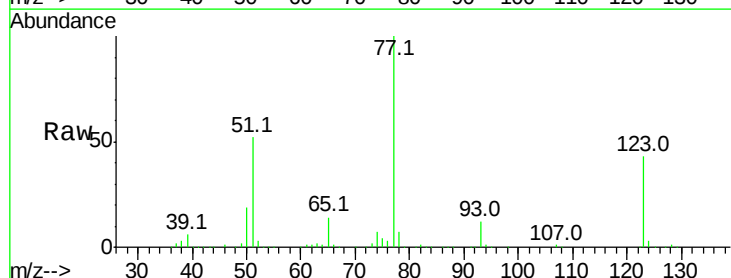
Tgt Ion: 77 Resp: 537249

Ion Ratio Lower Upper

77 100

123 43.1 33.0 49.4

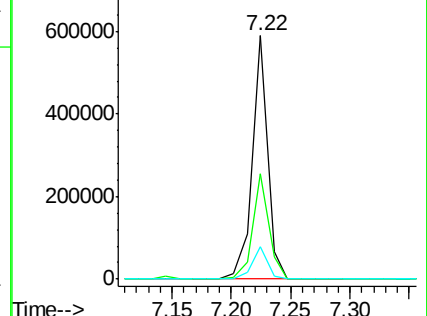
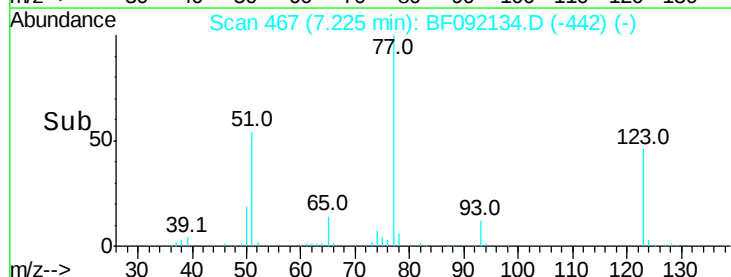
65 13.5 11.2 16.8

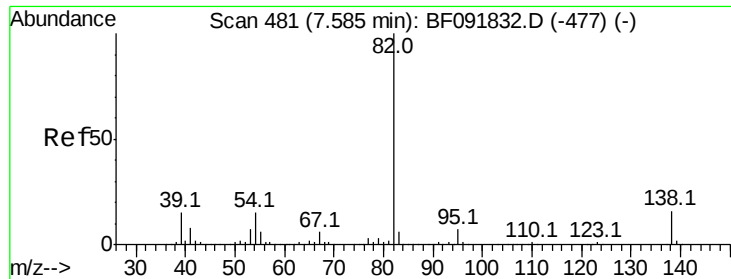


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.89 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

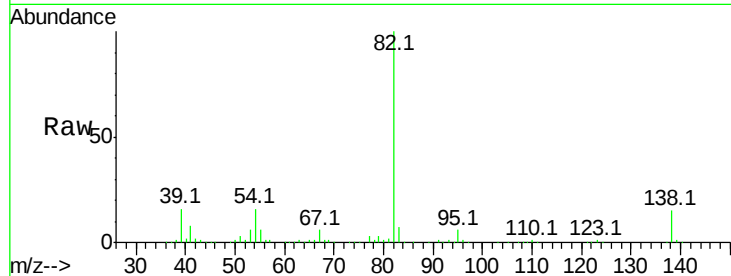
Tot Ion: 82 Resp: 946889

Ion Ratio Lower Upper

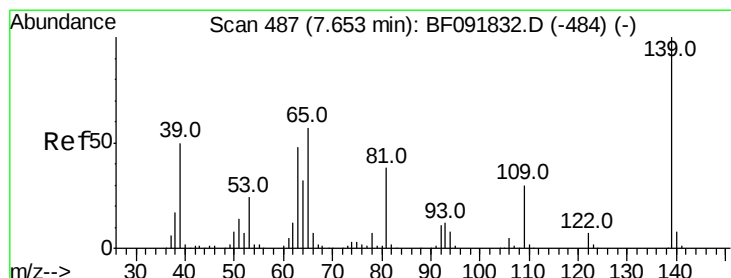
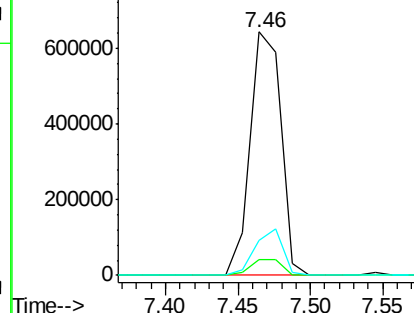
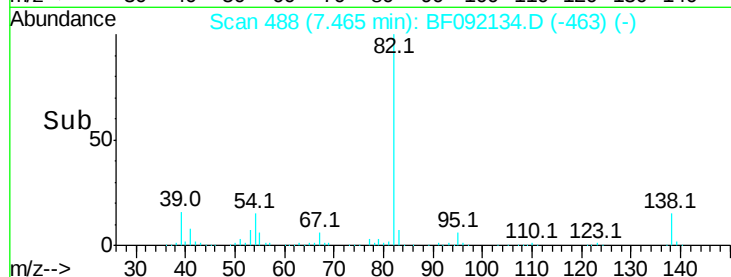
82 100

95 6.4 5.6 8.4

138 14.6 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.29 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

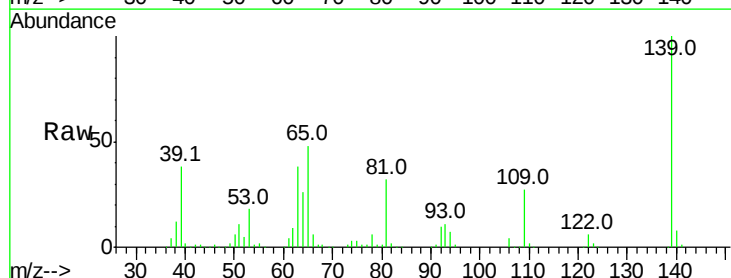
Tgt Ion:139 Resp: 286208

Ion Ratio Lower Upper

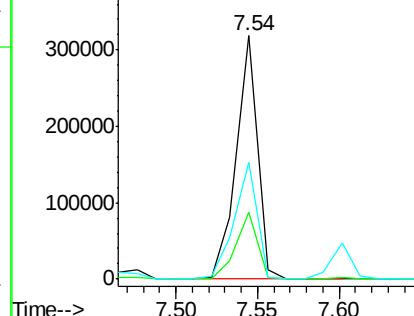
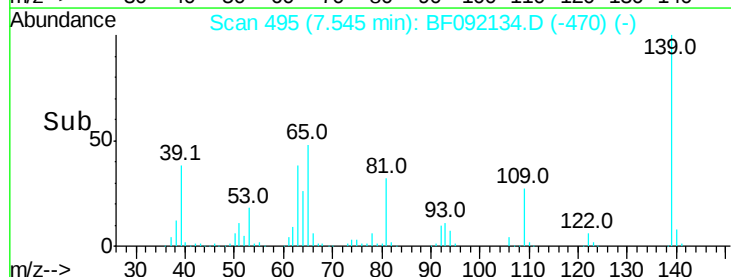
139 100

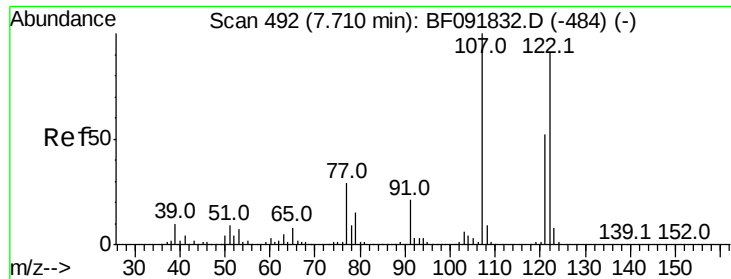
109 27.5 23.3 34.9

65 47.9 42.7 64.1



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

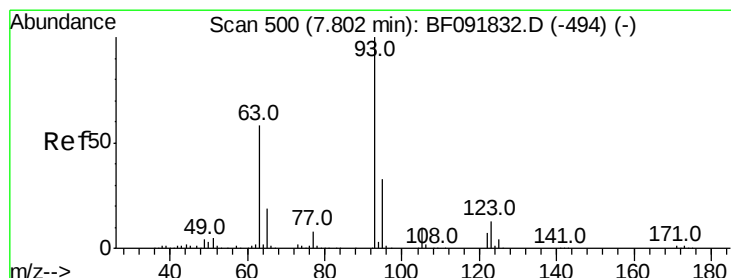
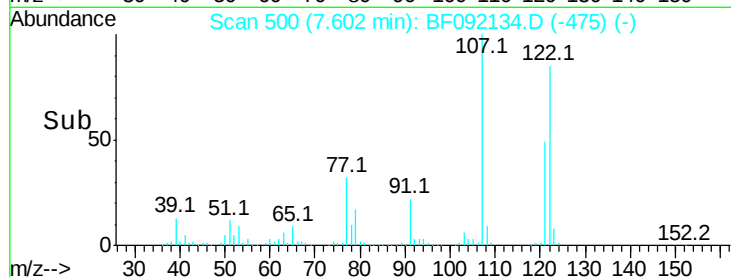
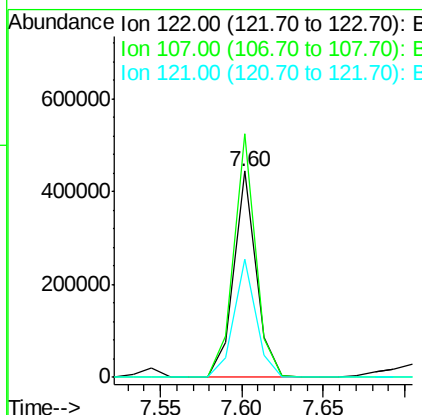
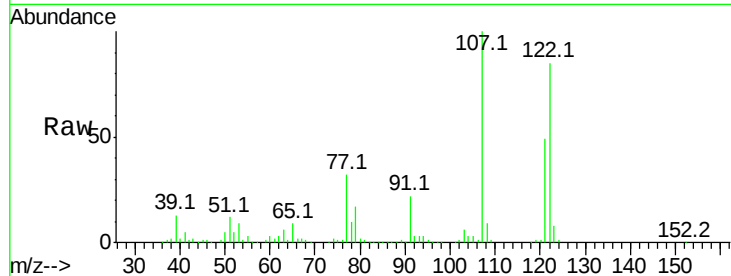




#27  
 2,4-Dimethylphenol  
 Concen: 36.40 ng  
 RT: 7.60 min Scan# 500  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

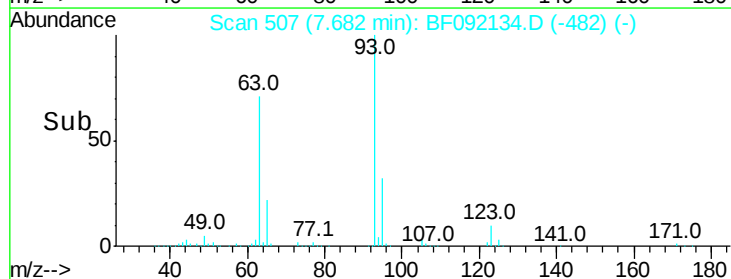
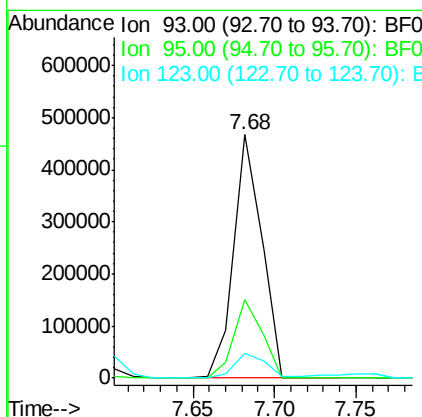
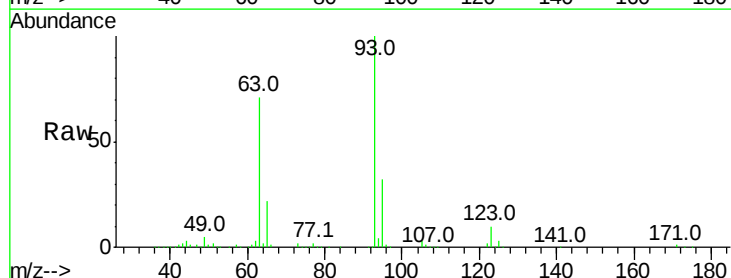
Instrument :  
 BNA\_F  
 ClientSampleId :

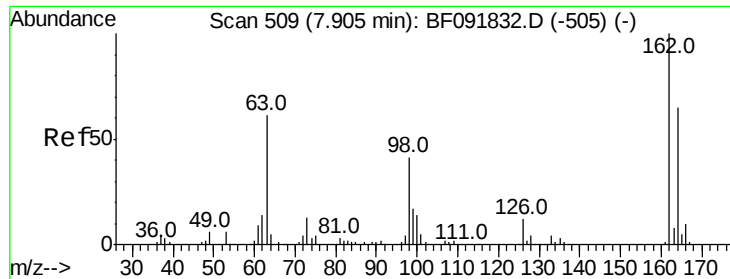
Tot Ion:122 Resp: 418555  
 Ion Ratio Lower Upper  
 122 100  
 107 118.0 94.1 141.1  
 121 57.2 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.68 ng  
 RT: 7.68 min Scan# 507  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion: 93 Resp: 556309  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 26.5 39.7  
 123 10.1 8.6 13.0

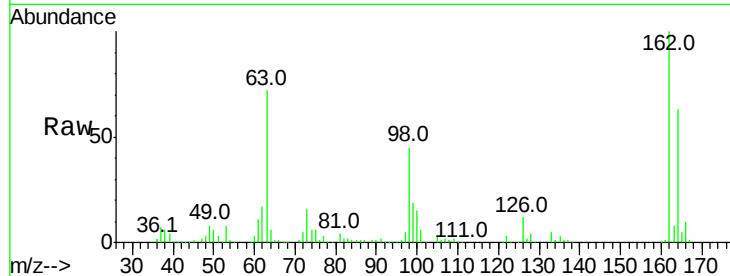




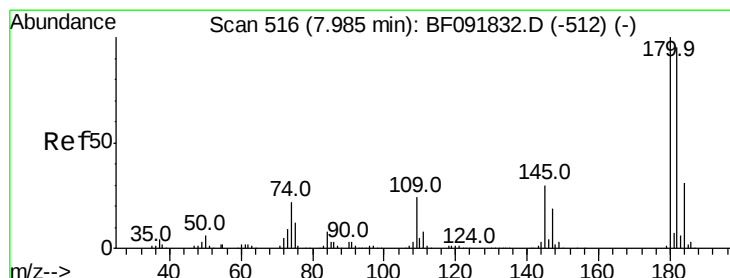
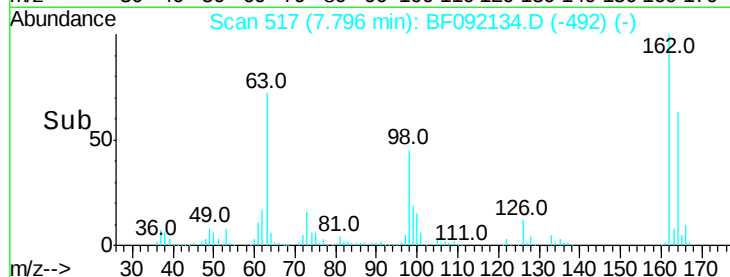
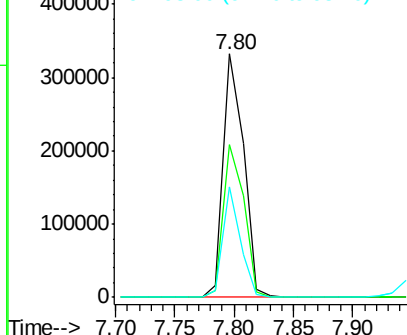
#29  
 2,4-Dichlorophenol  
 Concen: 40.44 ng  
 RT: 7.80 min Scan# 517  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.9  | 46.8  | 86.8  |
| 98      | 45.1  | 9.1   | 49.1  |

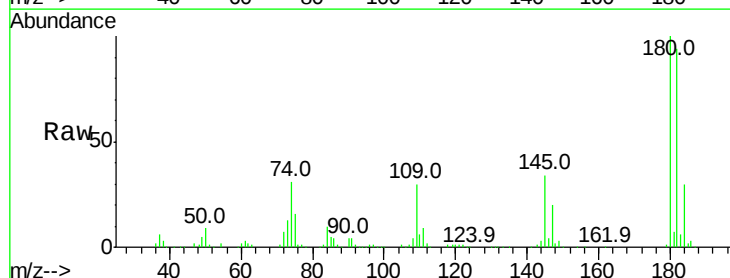


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

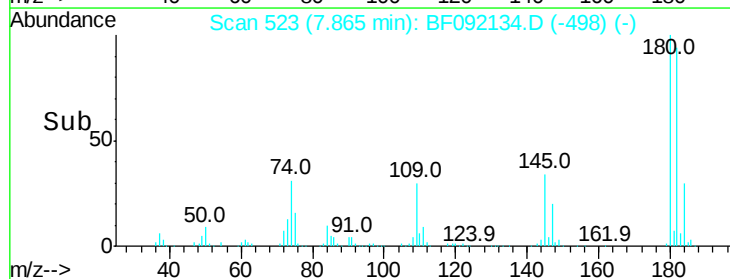
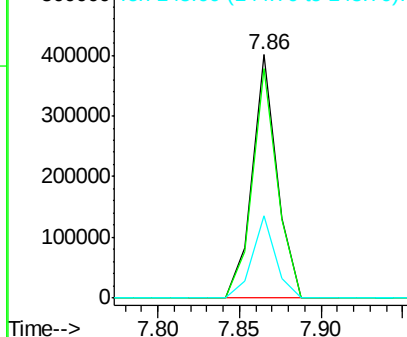


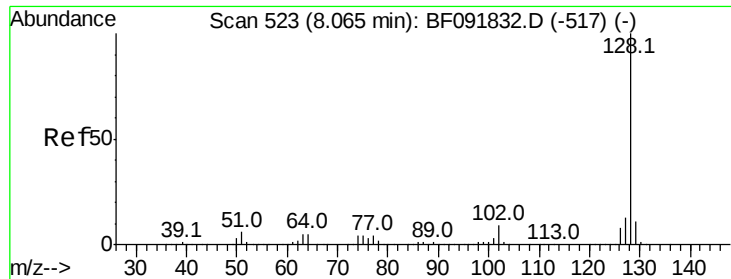
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.60 ng  
 RT: 7.86 min Scan# 523  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 78.2  | 117.4 |
| 145     | 33.7  | 21.6  | 32.4# |



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

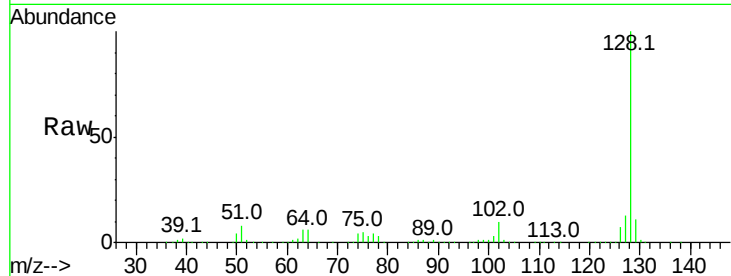




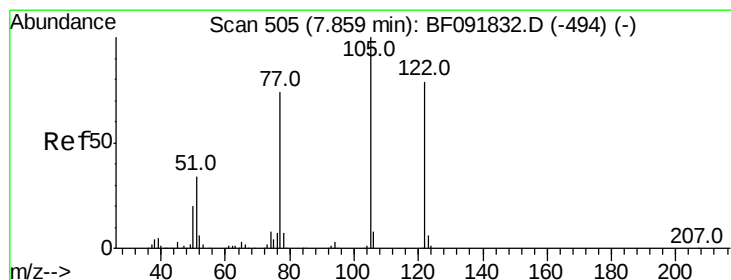
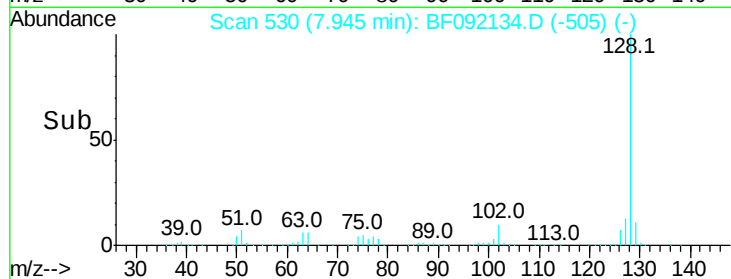
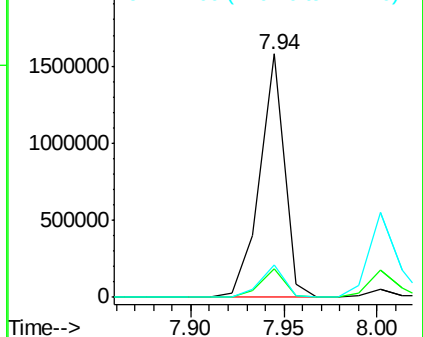
#31  
Naphthalene  
Concen: 42.85 ng  
RT: 7.94 min Scan# 530  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 1439362  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.5 14.3  
127 13.4 10.8 16.2

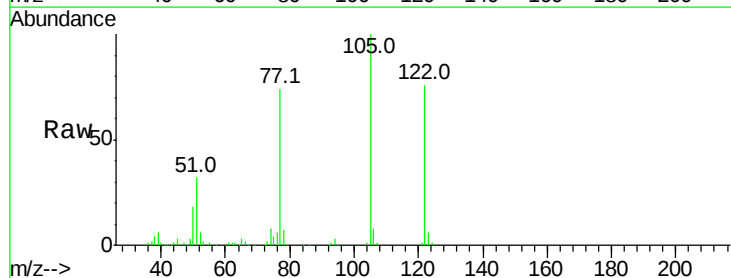


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

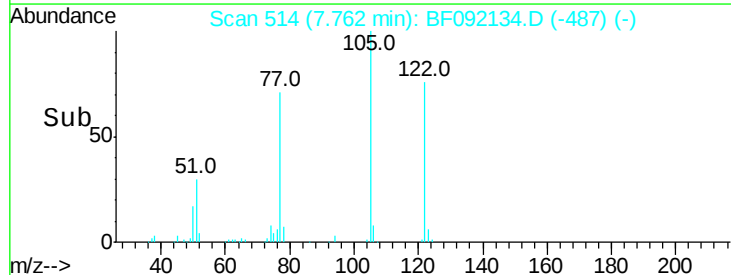
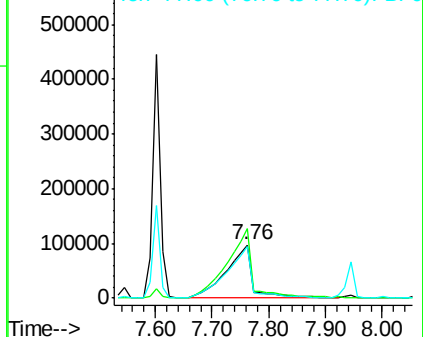


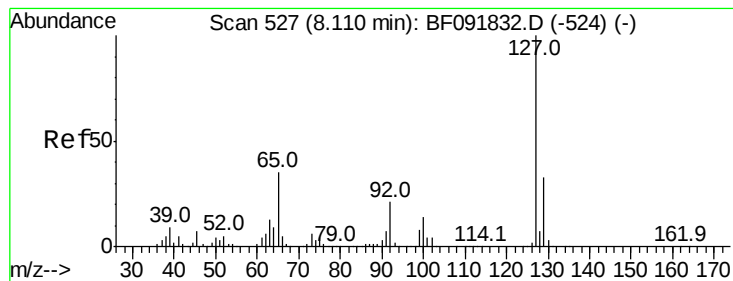
#32  
Benzoic acid  
Concen: 36.71 ng  
RT: 7.76 min Scan# 514  
Delta R.T. 0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion:122 Resp: 313029  
Ion Ratio Lower Upper  
122 100  
105 131.5 107.2 147.2  
77 96.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.64 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 570115

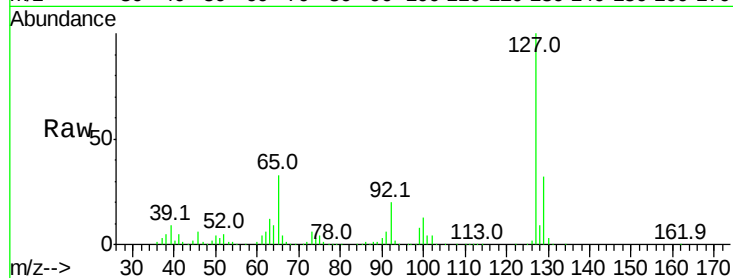
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 33.4 25.8 38.8

92 20.0 16.1 24.1

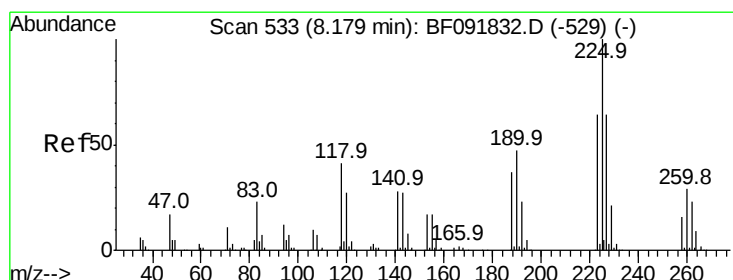
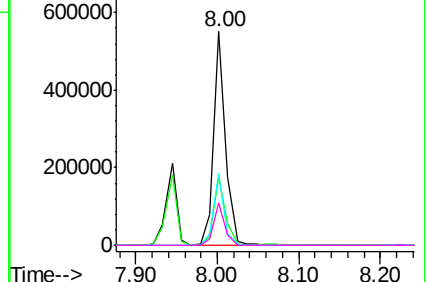
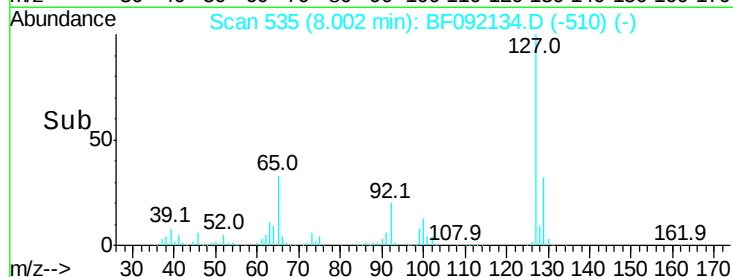


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.89 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

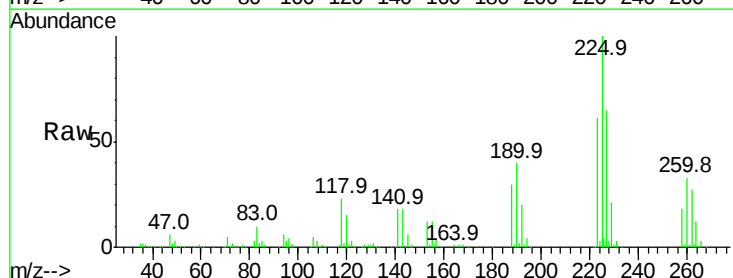
Tgt Ion:225 Resp: 247186

Ion Ratio Lower Upper

225 100

223 61.2 51.0 76.6

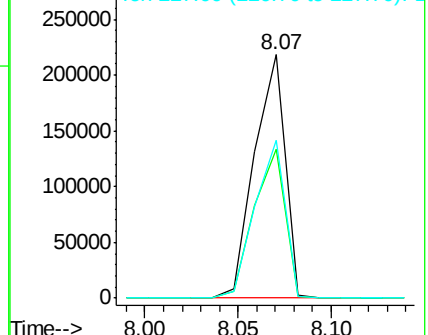
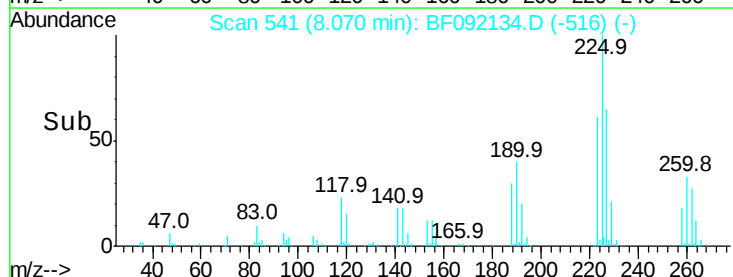
227 64.9 50.6 76.0

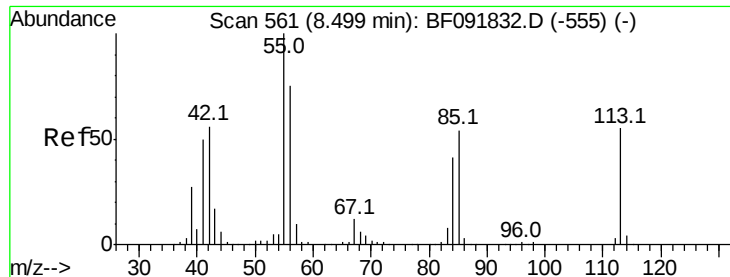


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

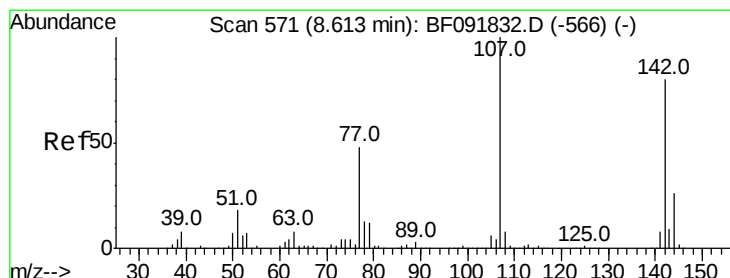
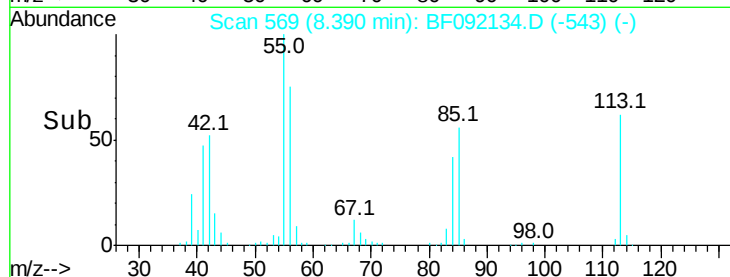
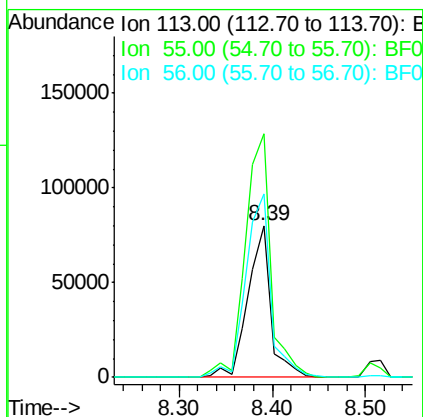
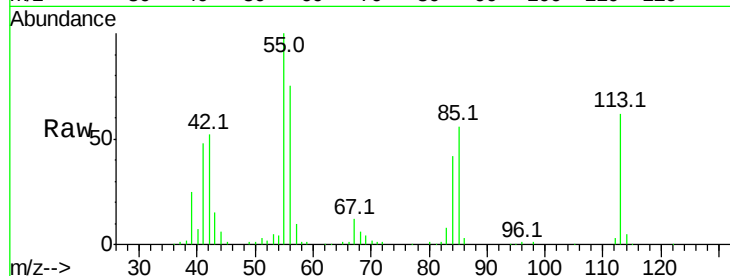




#35  
Caprolactam  
Concen: 42.40 ng  
RT: 8.39 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

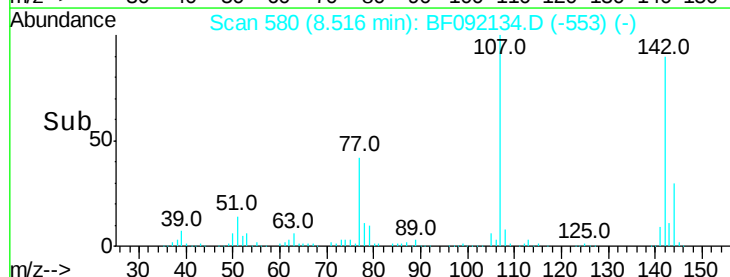
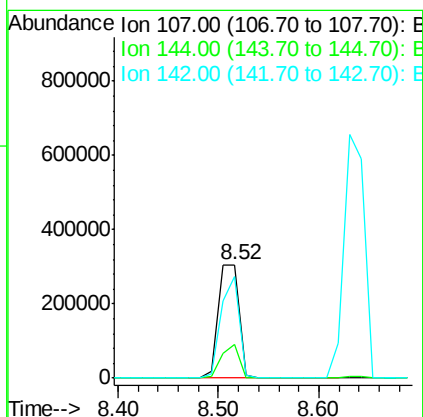
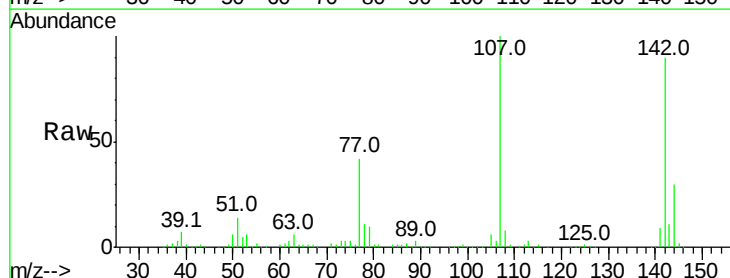
Instrument :  
BNA\_F  
ClientSampled :

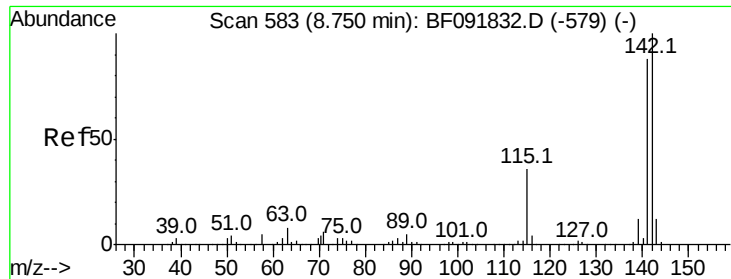
Tot Ion:113 Resp: 135653  
Ion Ratio Lower Upper  
113 100  
55 160.1 119.2 159.2#  
56 120.3 83.8 123.8



#36  
4-Chloro-3-methylphenol  
Concen: 39.37 ng  
RT: 8.52 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion:107 Resp: 441090  
Ion Ratio Lower Upper  
107 100  
144 29.6 19.3 28.9#  
142 89.7 59.0 88.6#

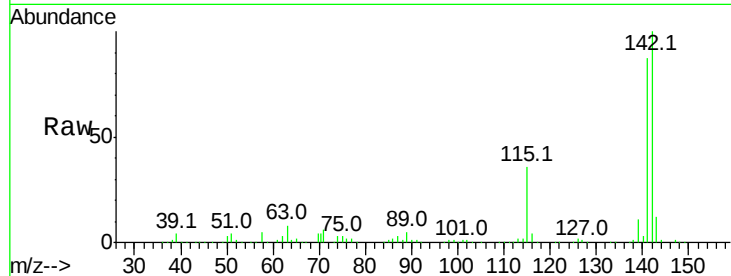




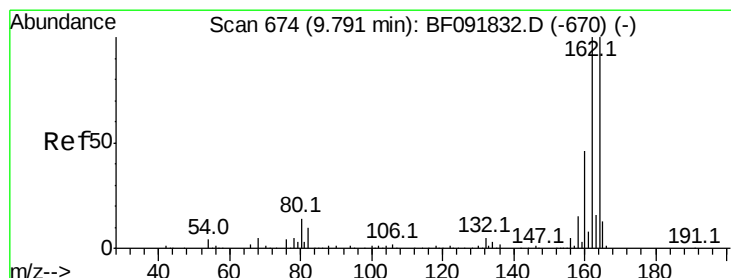
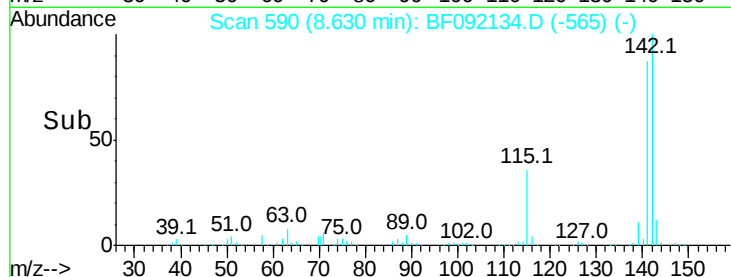
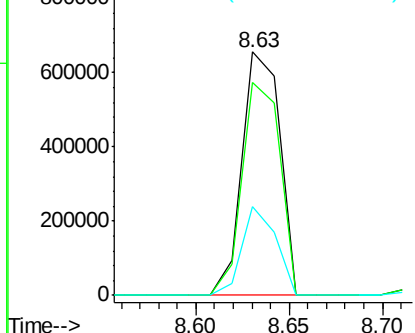
#37  
 2-Methylnaphthalene  
 Concen: 45.57 ng  
 RT: 8.63 min Scan# 590  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 923412  
 Ion Ratio Lower Upper  
 142 100  
 141 87.5 71.0 106.6  
 115 36.4 28.3 42.5

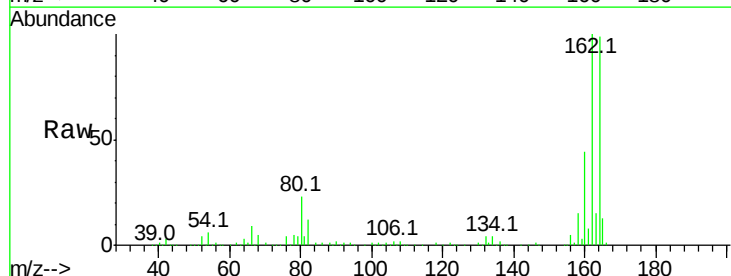


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

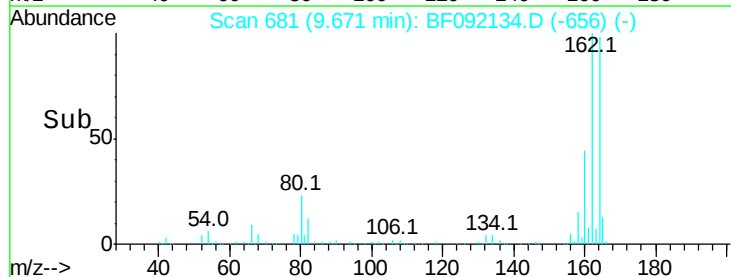
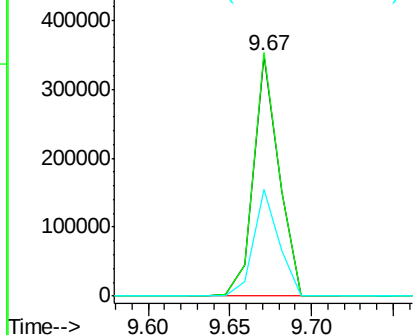


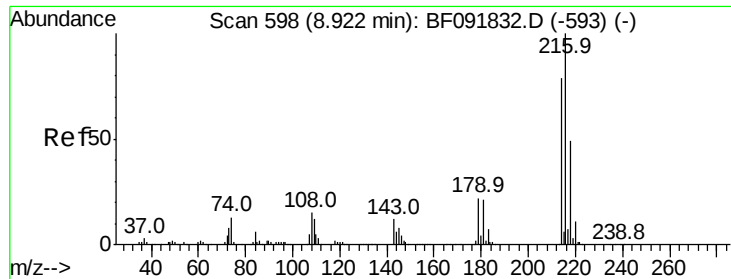
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.67 min Scan# 681  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:164 Resp: 375881  
 Ion Ratio Lower Upper  
 164 100  
 162 101.2 80.2 120.2  
 160 44.4 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.23 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 391526

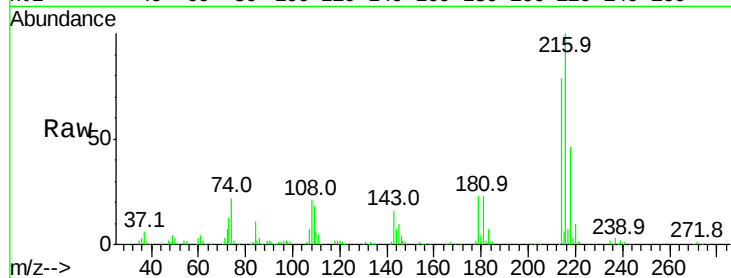
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 22.0 17.4 26.2

108 20.7 15.6 23.4

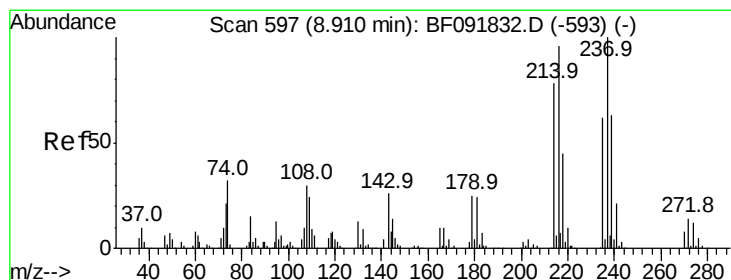
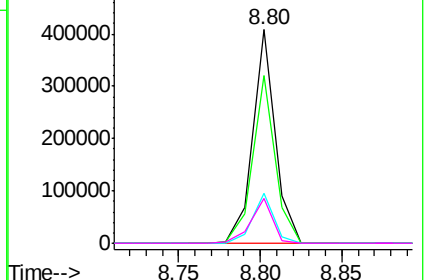
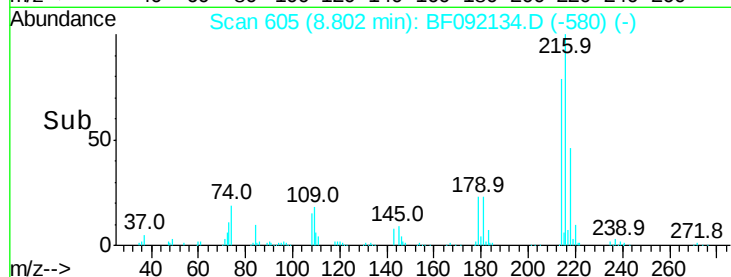


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 34.49 ng

RT: 8.79 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

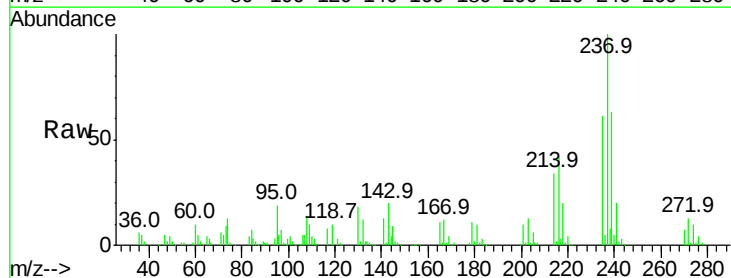
Tgt Ion:237 Resp: 135817

Ion Ratio Lower Upper

237 100

235 60.7 41.2 81.2

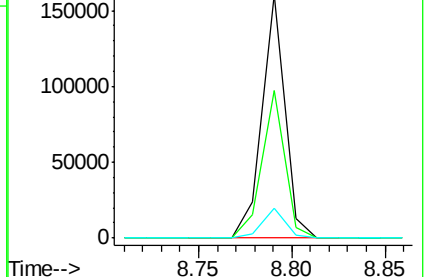
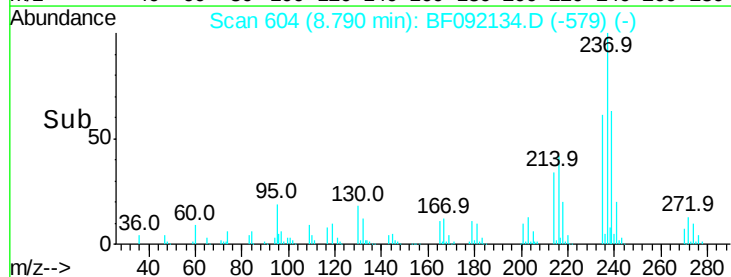
272 12.5 0.0 35.4

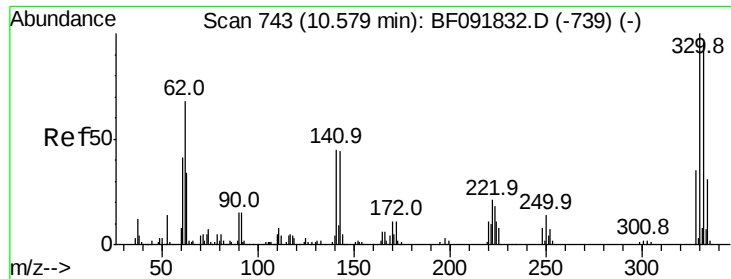


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

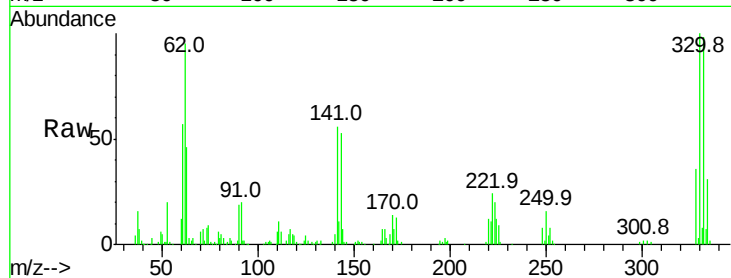




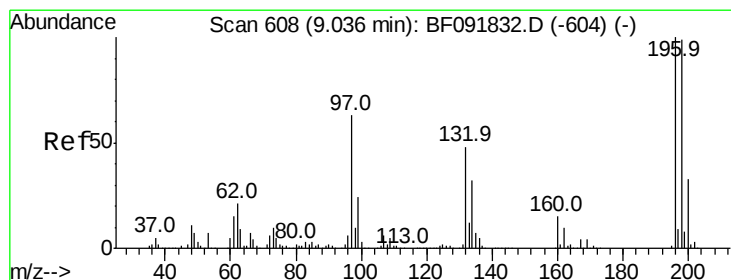
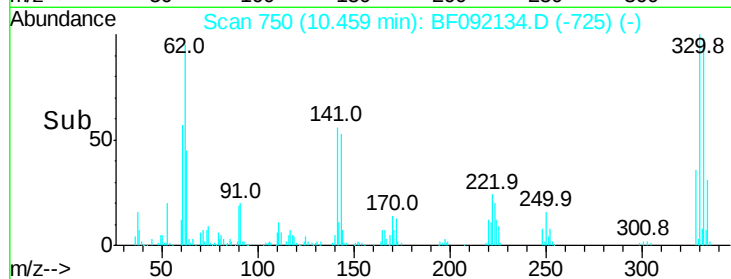
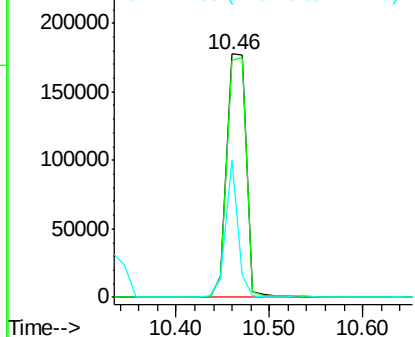
#41  
 2,4,6-Tribromophenol  
 Concen: 84.19 ng  
 RT: 10.46 min Scan# 750  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 261880  
 Ion Ratio Lower Upper  
 330 100  
 332 98.1 77.4 116.2  
 141 35.0 34.1 51.1

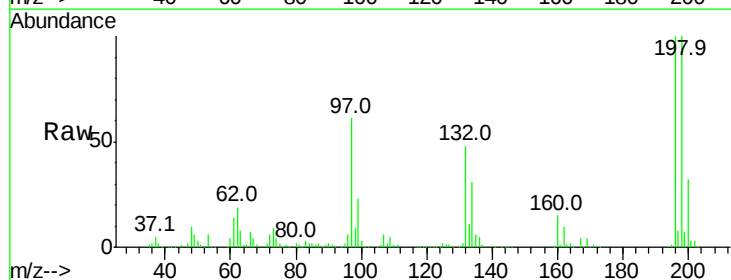


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

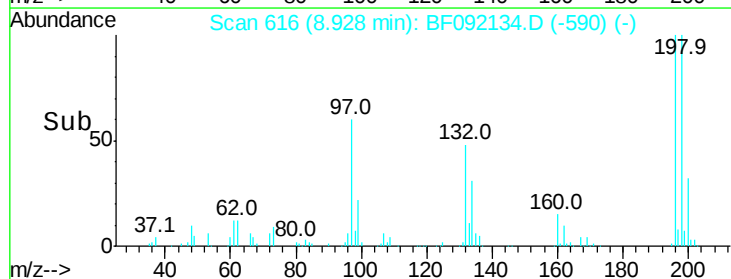
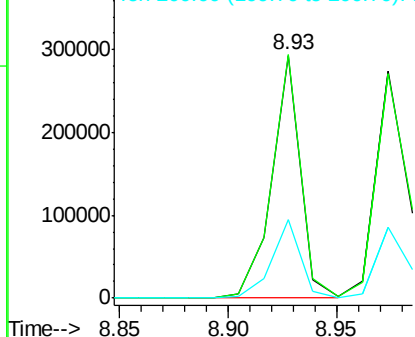


#42  
 2,4,6-Trichlorophenol  
 Concen: 40.80 ng  
 RT: 8.93 min Scan# 616  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:196 Resp: 271002  
 Ion Ratio Lower Upper  
 196 100  
 198 100.4 82.1 123.1  
 200 32.1 27.0 40.4



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

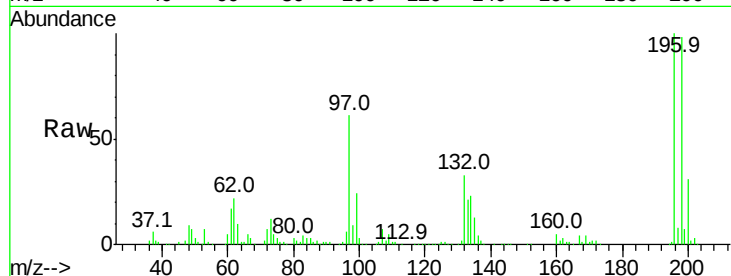




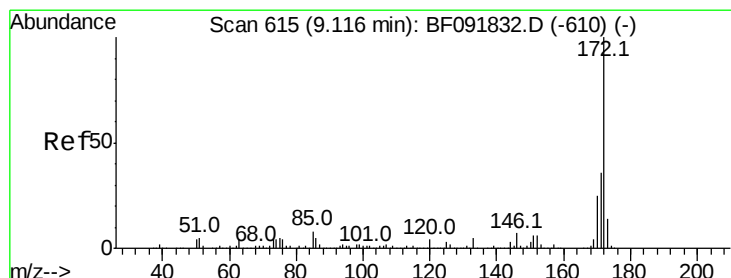
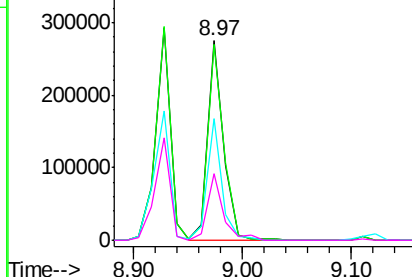
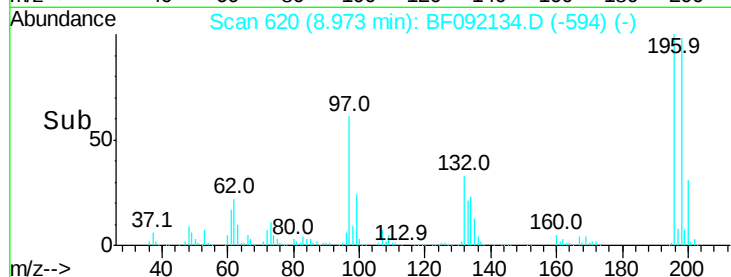
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.82 ng  
 RT: 8.97 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 278971  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 79.4 119.2  
 97 61.1 51.5 77.3  
 132 33.2 27.4 41.2

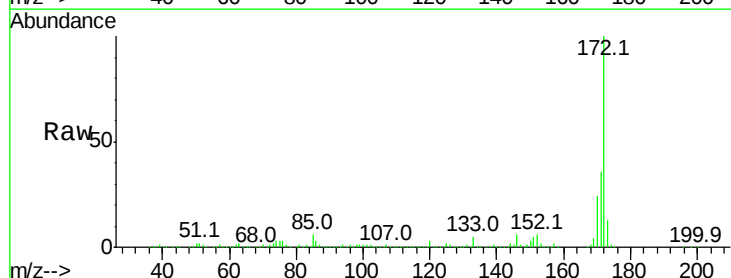


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

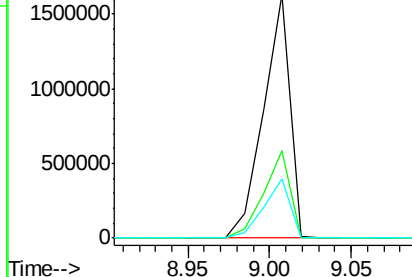
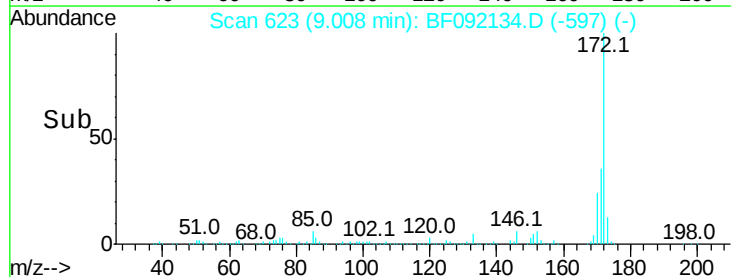


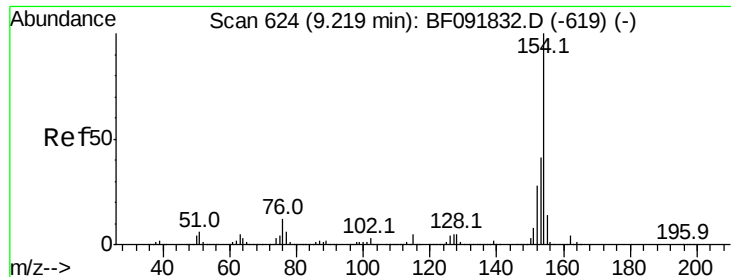
#44  
 2-Fluorobiphenyl  
 Concen: 102.76 ng  
 RT: 9.01 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:172 Resp: 1835641  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.4 44.0  
 170 24.3 20.2 30.4



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: 40.91 ng

RT: 9.10 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

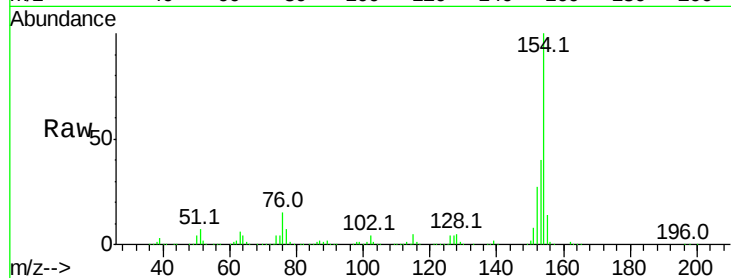
Tot Ion:154 Resp: 1052874

Ion Ratio Lower Upper

154 100

153 39.9 20.9 60.9

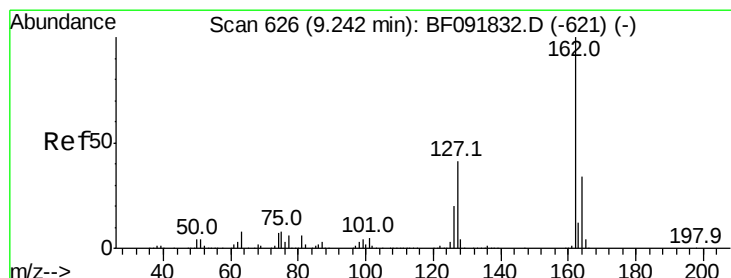
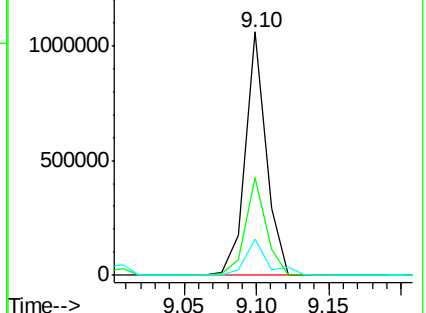
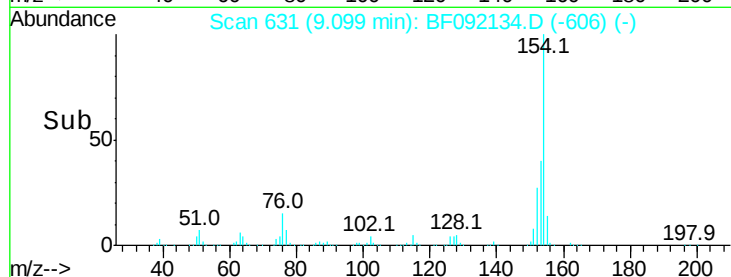
76 14.8 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.48 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

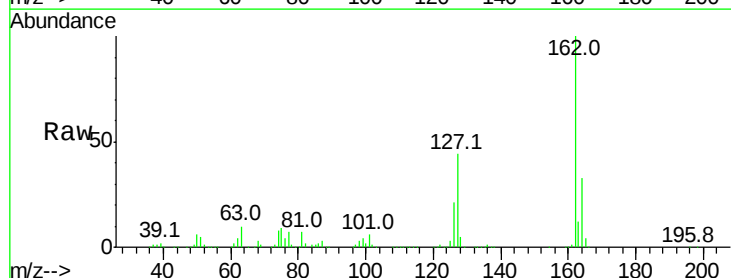
Tgt Ion:162 Resp: 825133

Ion Ratio Lower Upper

162 100

127 43.5 30.7 46.1

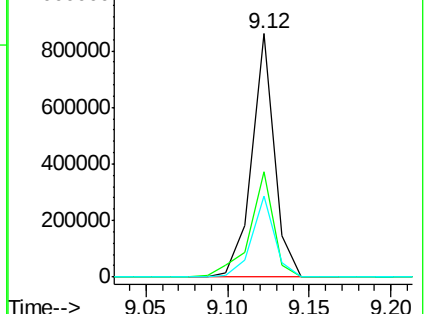
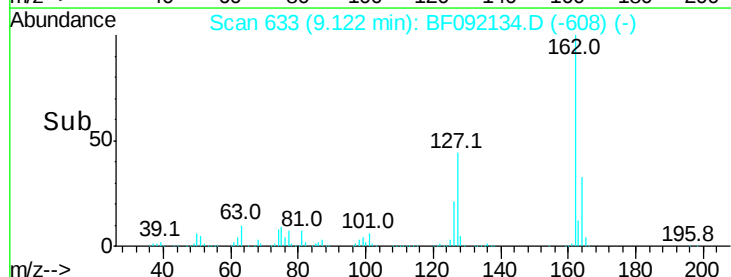
164 33.4 27.6 41.4

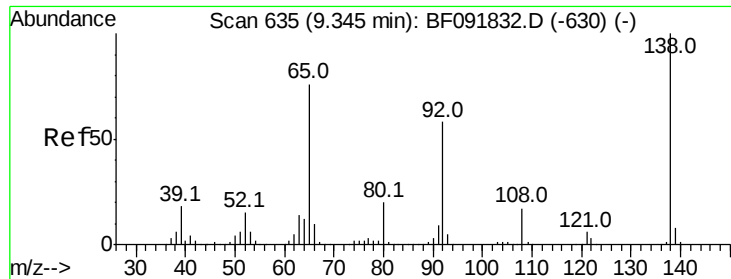


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

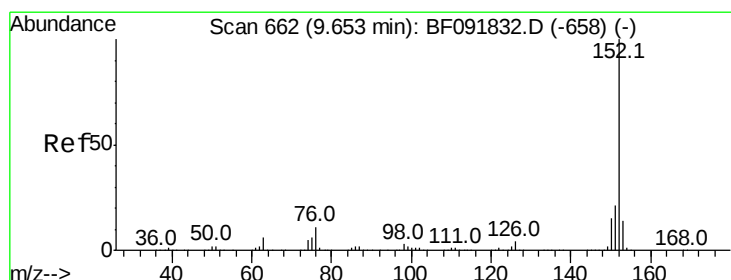
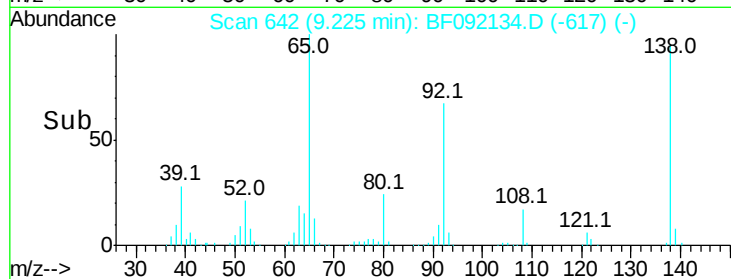
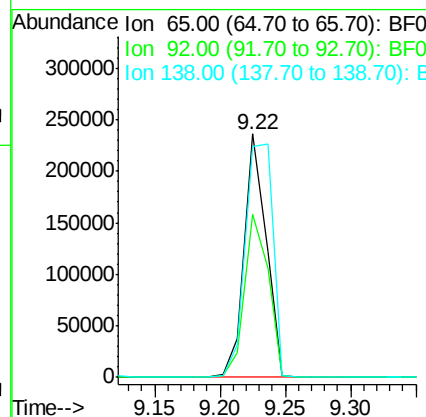
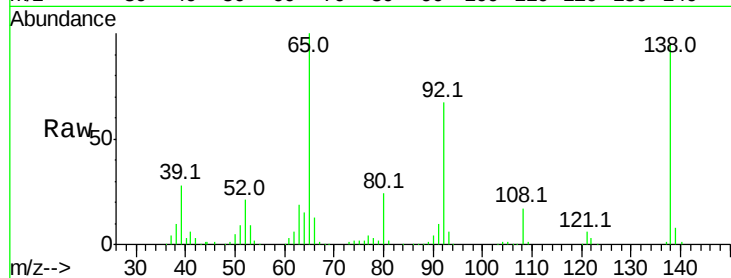




#47  
2-Nitroaniline  
Concen: 38.06 ng  
RT: 9.22 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

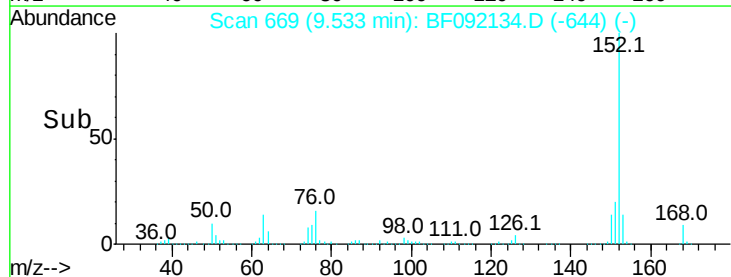
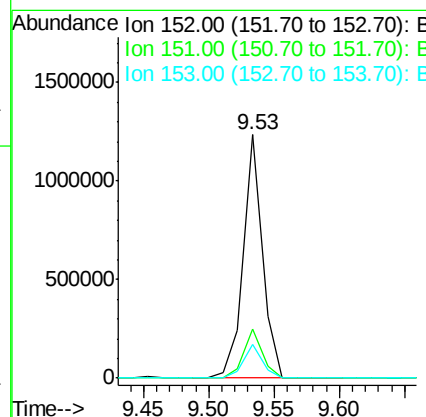
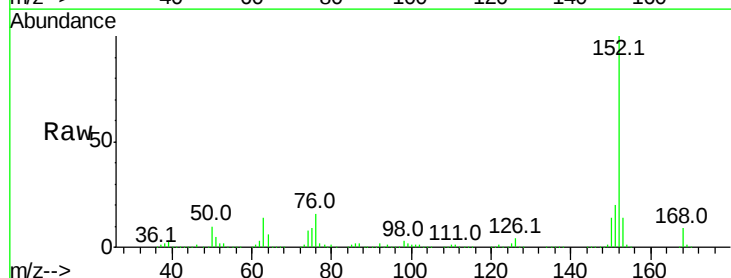
Instrument :  
BNA\_F  
ClientSampleId :

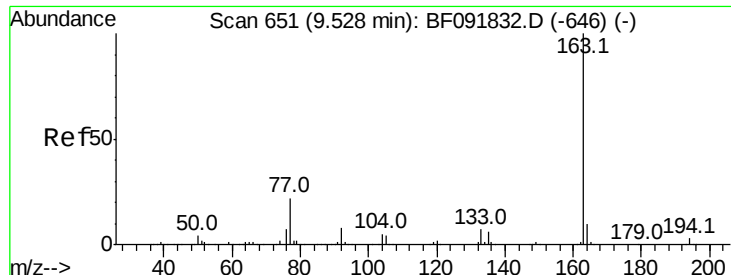
Tot Ion: 65 Resp: 276164  
Ion Ratio Lower Upper  
65 100  
92 66.8 53.9 80.9  
138 94.9 76.8 115.2



#48  
Acenaphthylene  
Concen: 39.83 ng  
RT: 9.53 min Scan# 669  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion: 152 Resp: 1248635  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.9 25.3  
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 43.03 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

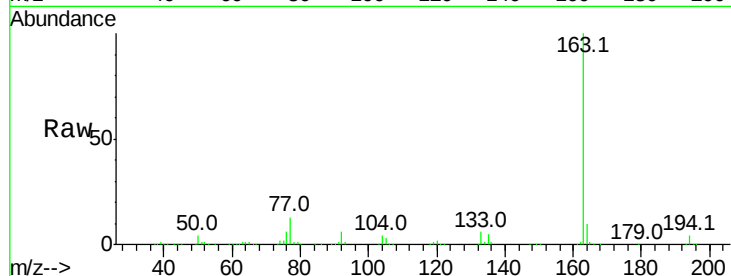
Tot Ion:163 Resp: 1034418

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

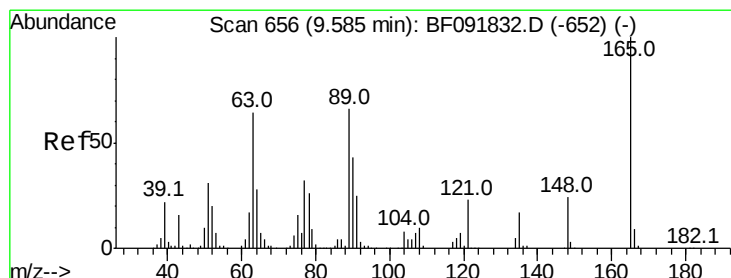
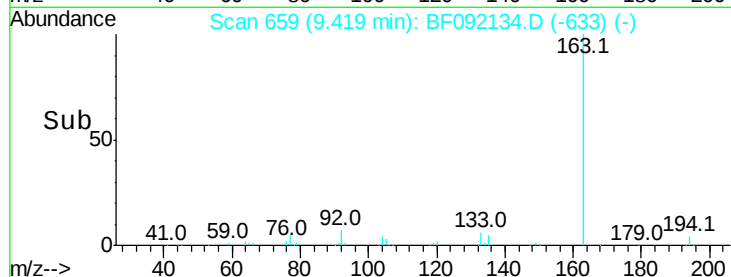
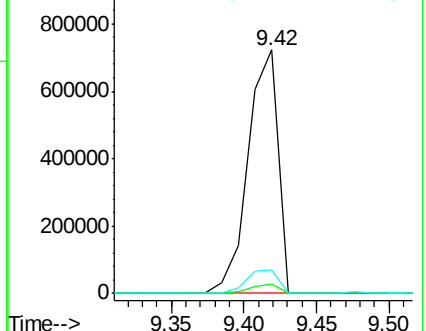
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.45 ng

RT: 9.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

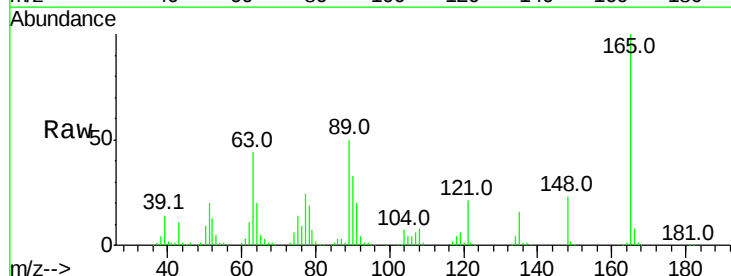
Tgt Ion:165 Resp: 244400

Ion Ratio Lower Upper

165 100

63 43.8 36.2 54.4

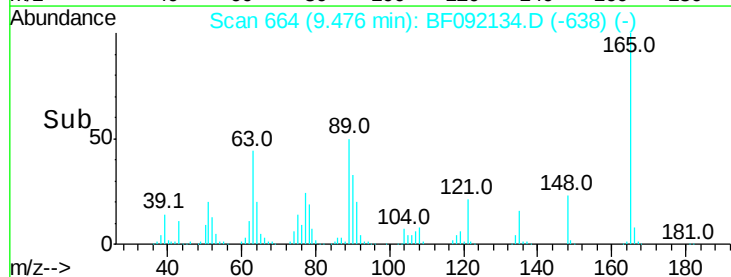
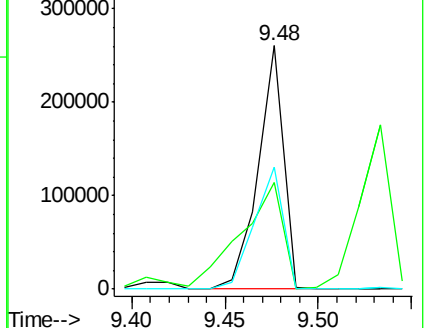
89 50.3 40.2 60.4

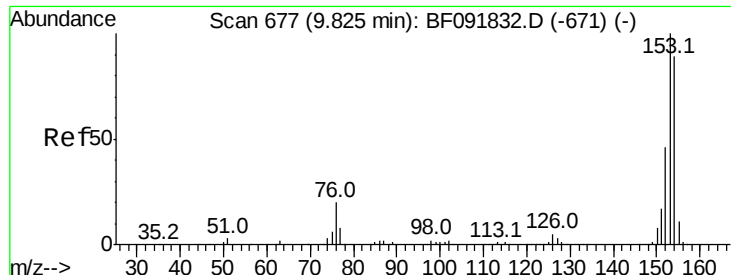


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.87 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

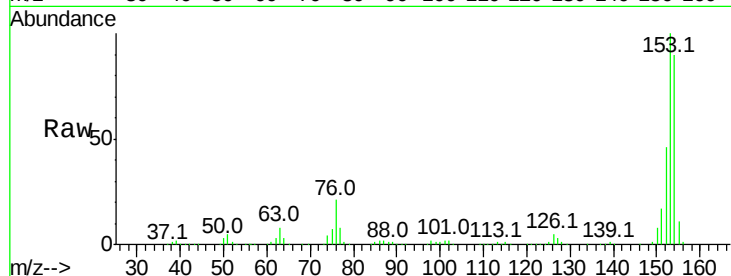
Tot Ion:154 Resp: 783592

Ion Ratio Lower Upper

154 100

153 111.0 88.6 133.0

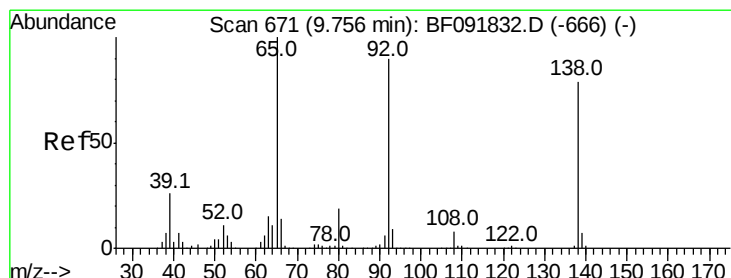
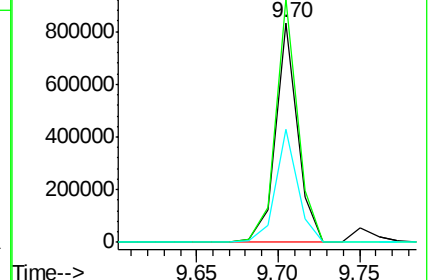
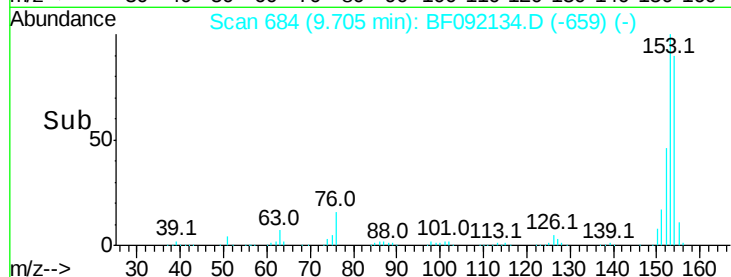
152 51.4 41.6 62.4



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: 45.71 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

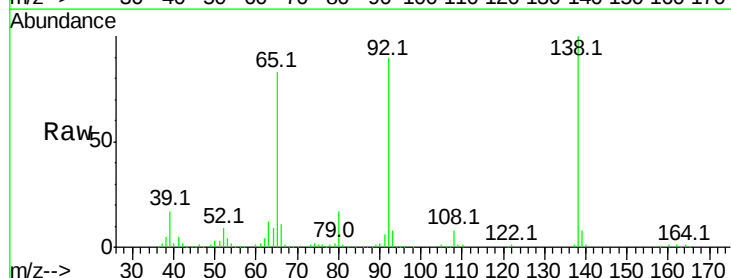
Tgt Ion:138 Resp: 297645

Ion Ratio Lower Upper

138 100

108 8.4 8.5 12.7#

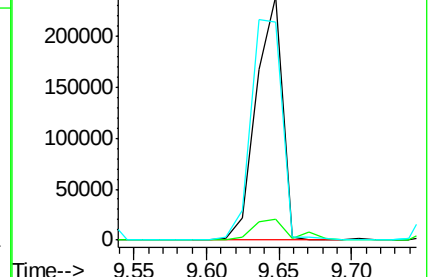
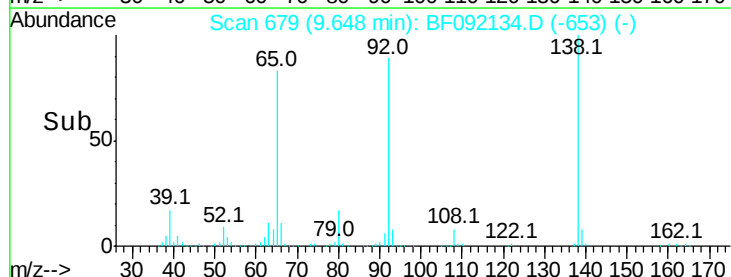
92 89.5 97.8 146.8#

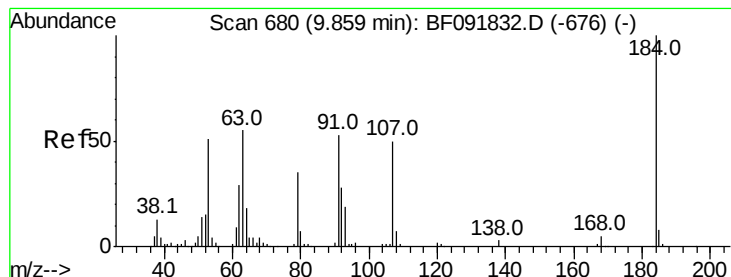


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 40.56 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

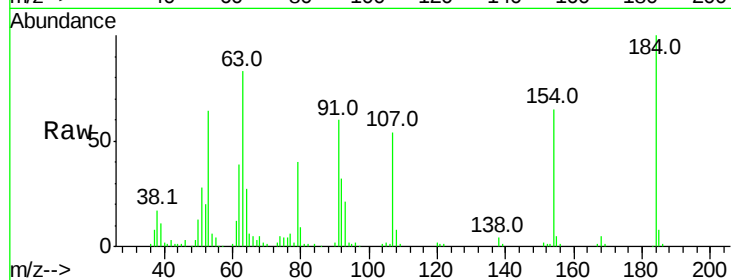
Tot Ion:184 Resp: 118751

Ion Ratio Lower Upper

184 100

63 82.9 28.4 42.6#

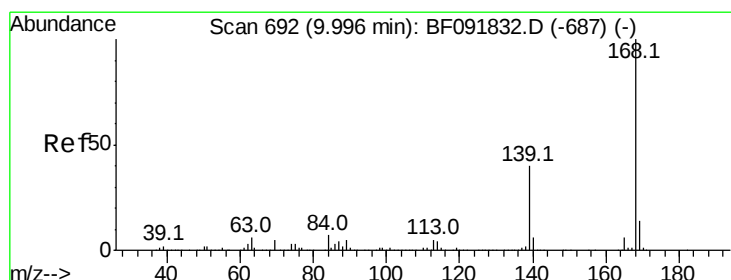
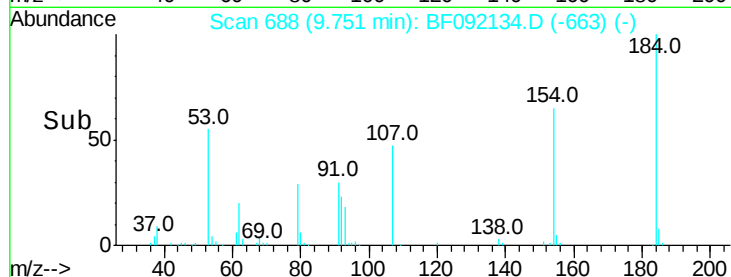
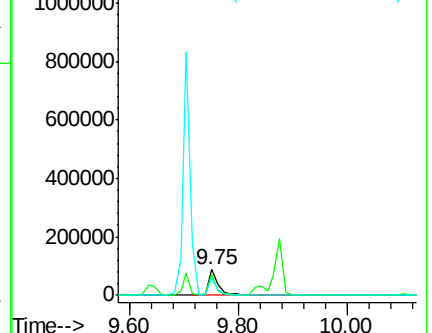
154 64.9 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.89 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

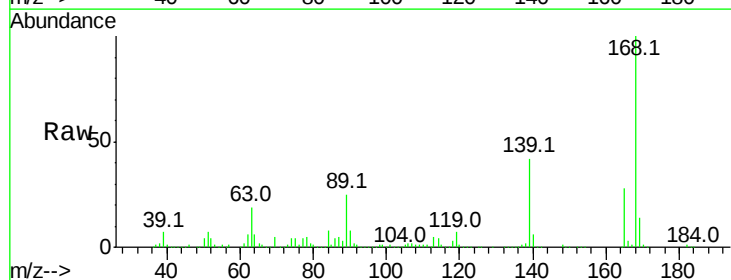
Tgt Ion:168 Resp: 1058588

Ion Ratio Lower Upper

168 100

139 41.8 32.6 49.0

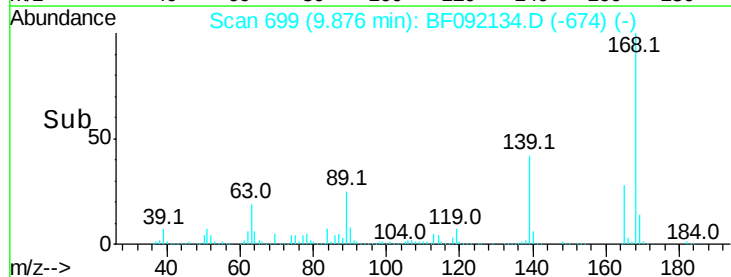
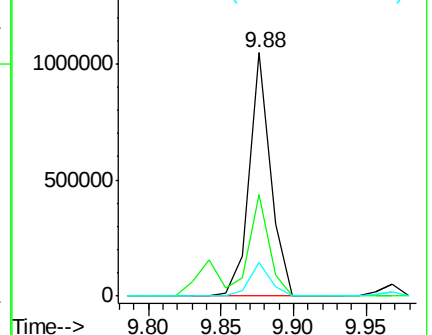
169 13.9 11.3 16.9

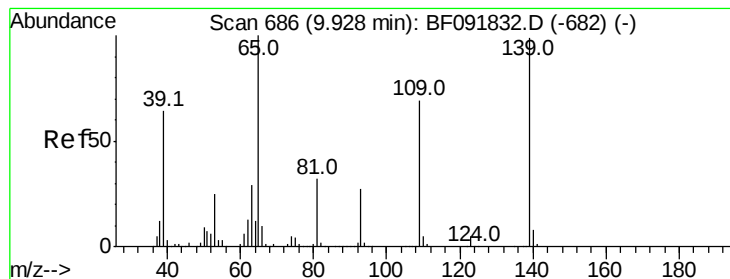


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 134.77 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.05 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampled :

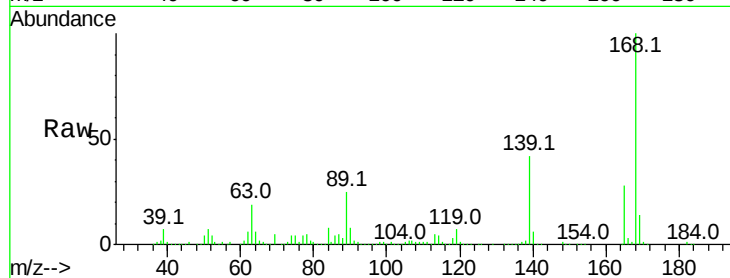
Tot Ion:139 Resp: 595889

Ion Ratio Lower Upper

139 100

109 1.5 52.2 92.2#

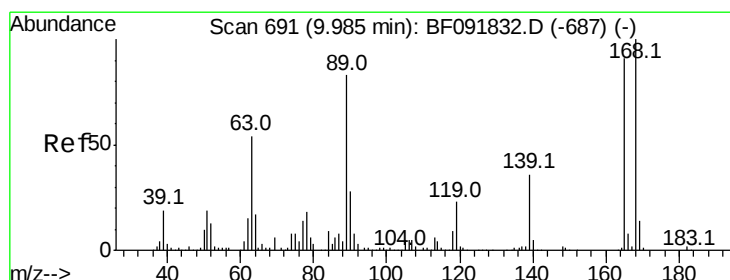
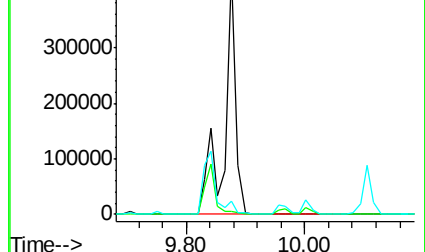
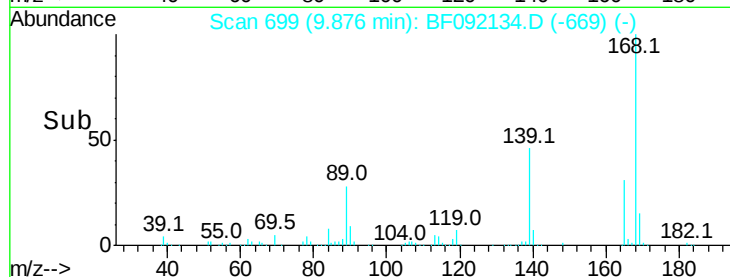
65 5.6 85.8 125.8#



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: 41.53 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Tgt Ion:165 Resp: 274278

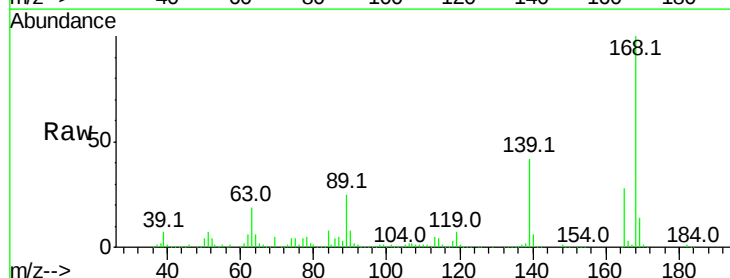
Ion Ratio Lower Upper

165 100

63 65.7 40.2 60.4#

89 89.5 62.5 93.7

182 2.0 1.8 2.8

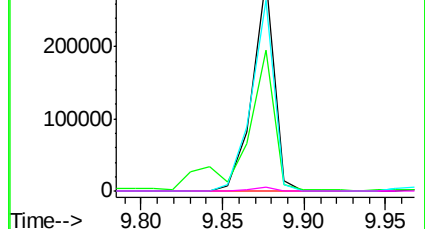
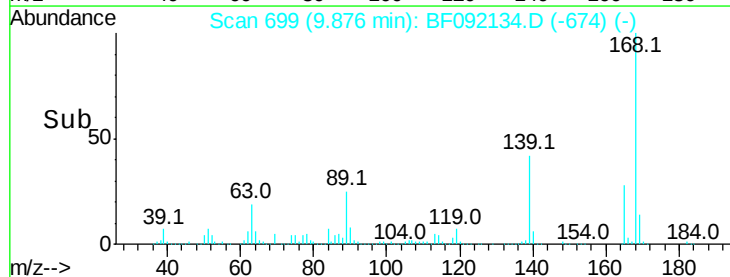


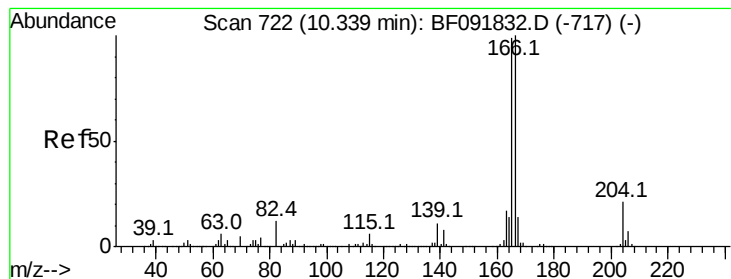
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.10 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

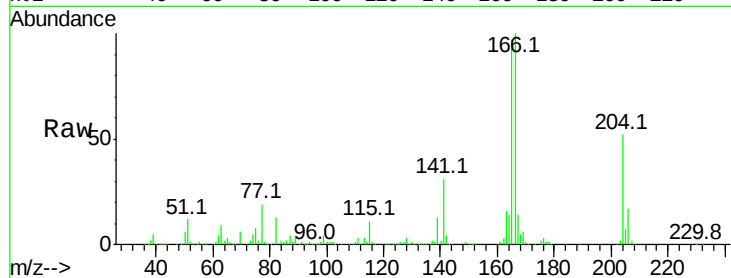
Tot Ion:166 Resp: 837354

Ion Ratio Lower Upper

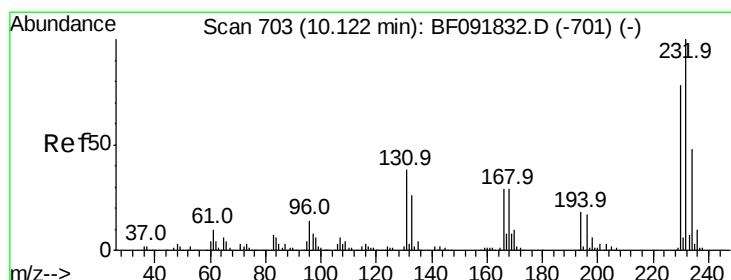
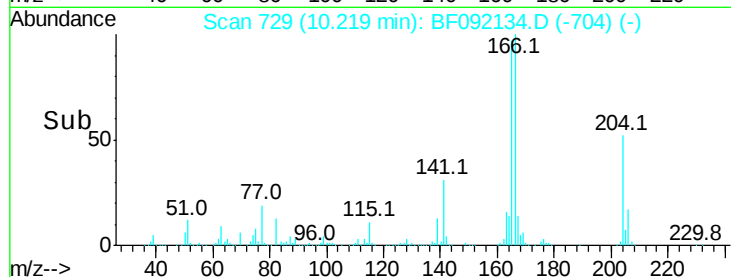
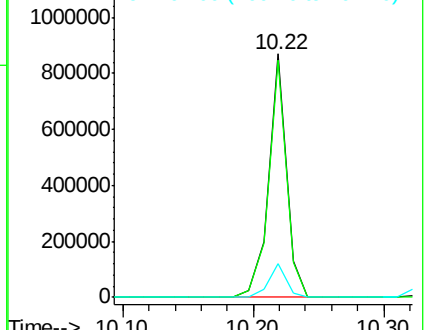
166 100

165 97.4 77.8 116.8

167 13.7 10.8 16.2



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: 38.43 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Tgt Ion:232 Resp: 207769

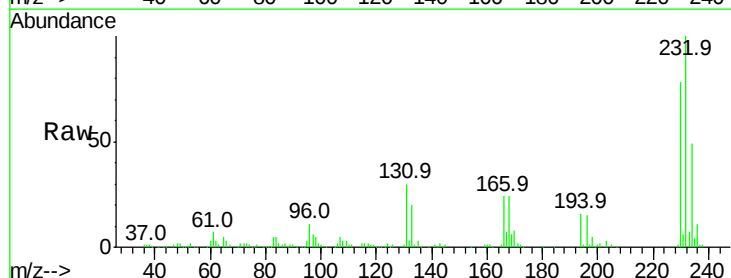
Ion Ratio Lower Upper

232 100

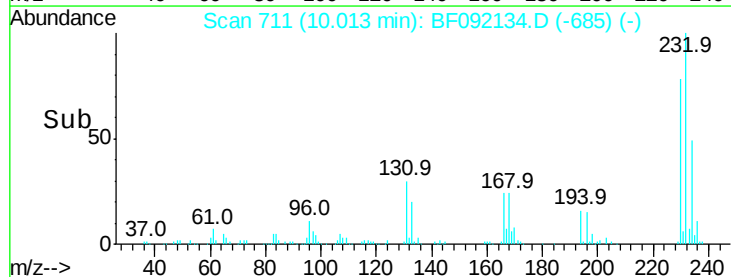
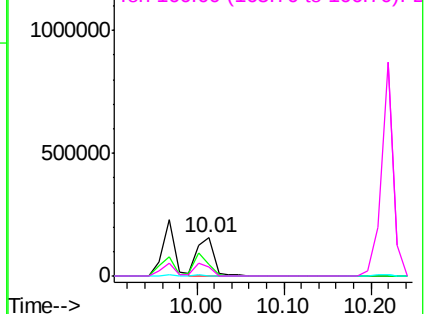
131 51.9 40.1 60.1

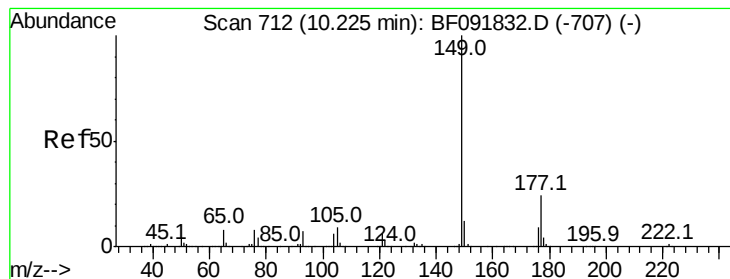
130 2.7 1.8 2.8

166 32.7 26.6 39.8



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: 41.14 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampled :

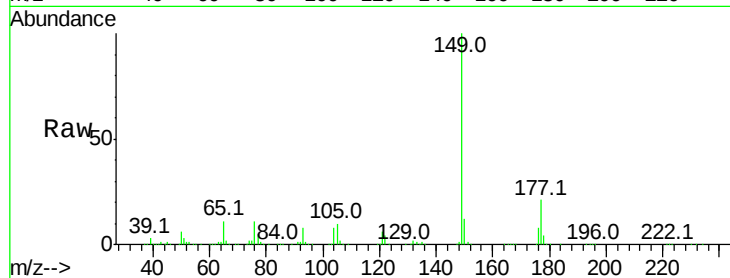
Tot Ion:149 Resp: 960424

Ion Ratio Lower Upper

149 100

177 20.5 16.6 25.0

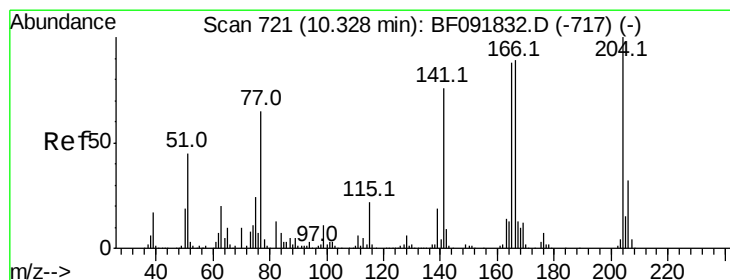
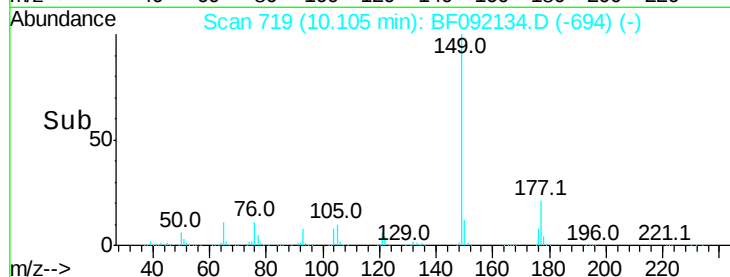
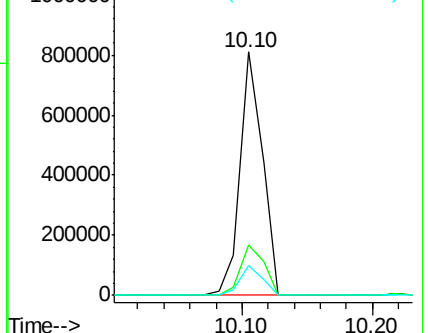
150 12.3 10.4 15.6



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: 45.60 ng

RT: 10.22 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

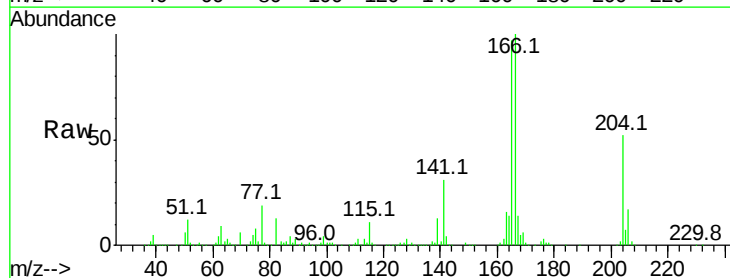
Tgt Ion:204 Resp: 416896

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

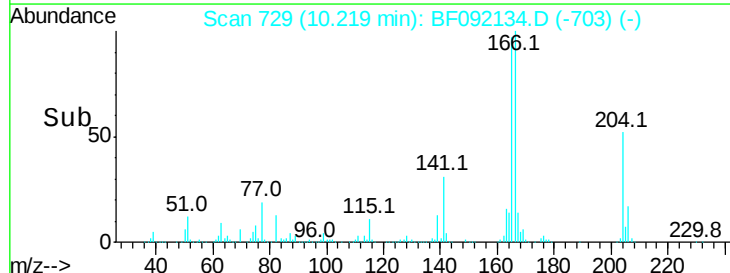
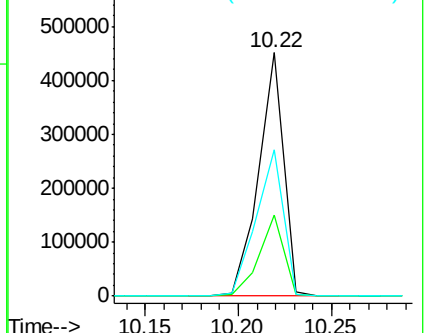
141 60.2 59.4 89.0

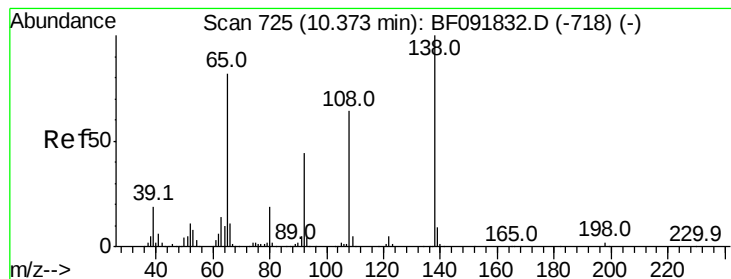


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

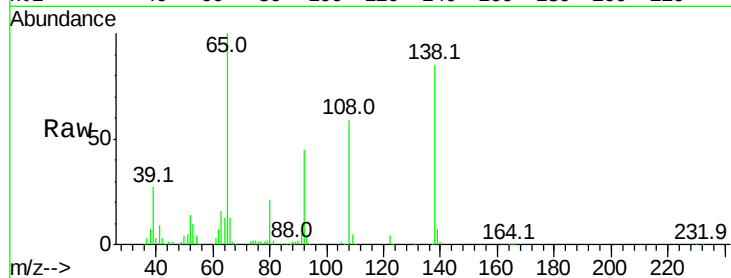




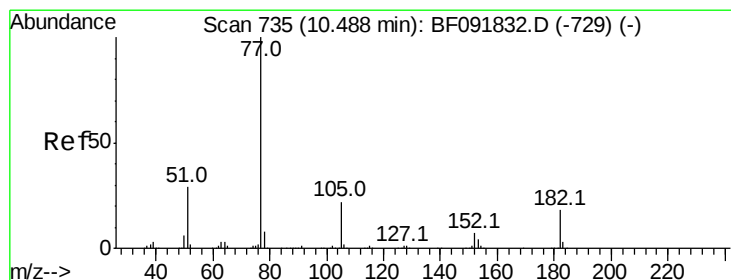
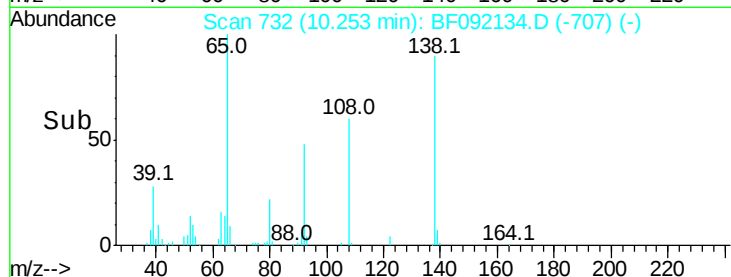
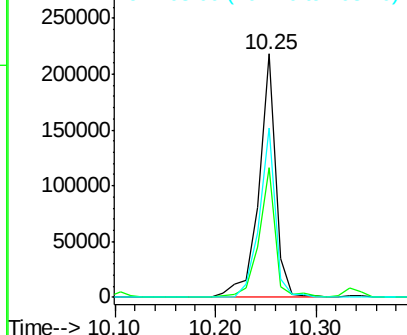
#61  
4-Nitroaniline  
Concen: 37.88 ng  
RT: 10.25 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 255629  
Ion Ratio Lower Upper  
138 100  
92 53.4 31.7 71.7  
108 69.3 52.6 92.6

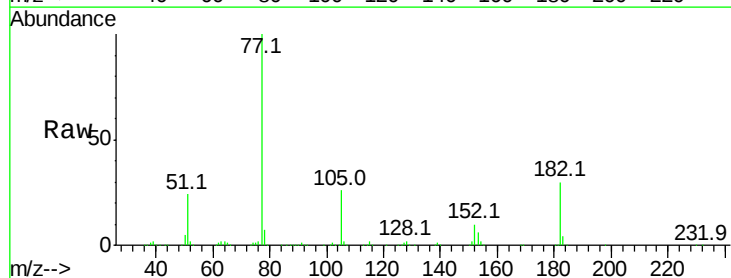


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

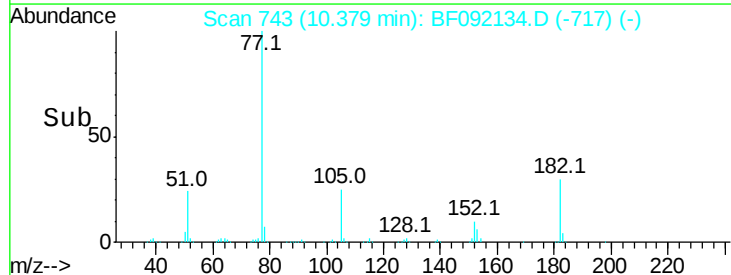
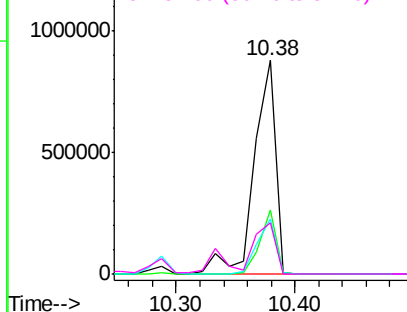


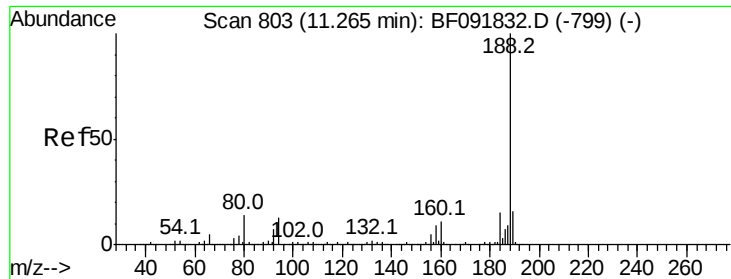
#62  
Azobenzene  
Concen: 43.24 ng  
RT: 10.38 min Scan# 743  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion: 77 Resp: 1111643  
Ion Ratio Lower Upper  
77 100  
182 29.7 0.0 39.3  
105 25.6 2.3 42.3  
51 23.8 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

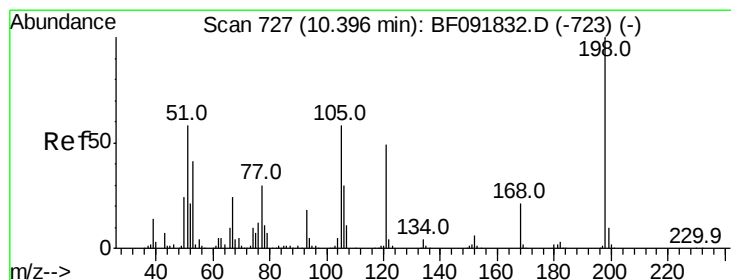
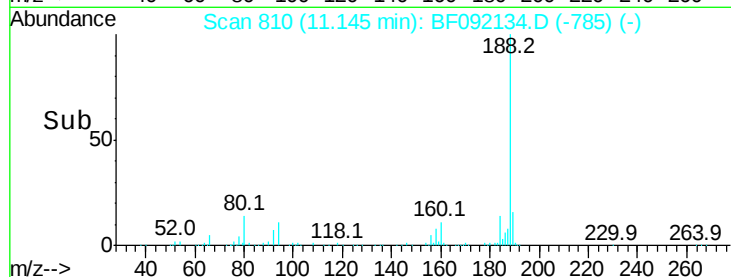
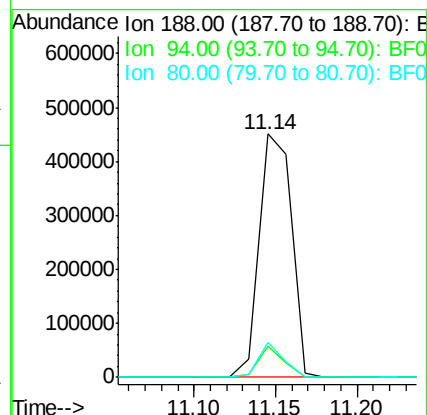
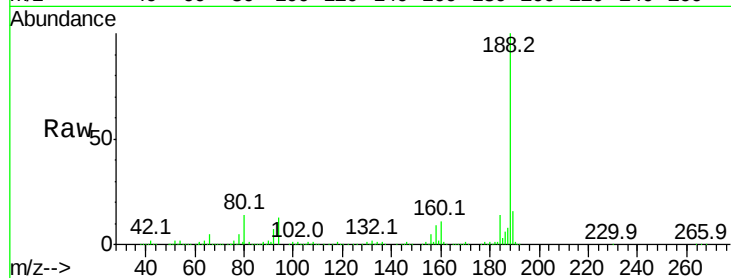




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.14 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

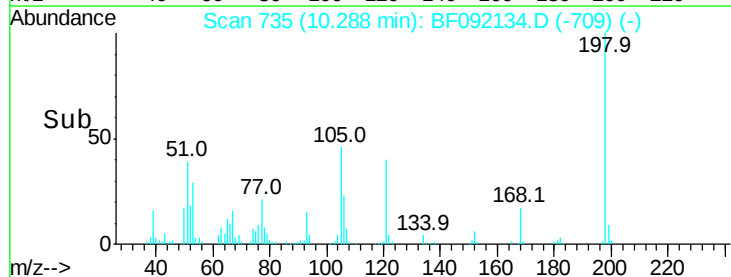
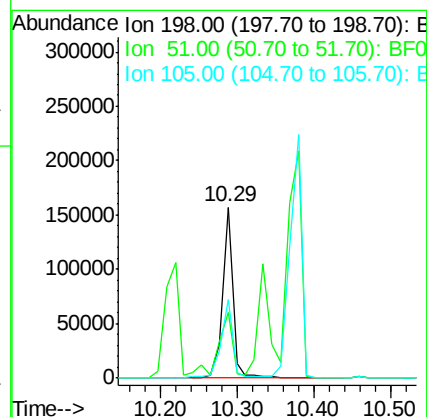
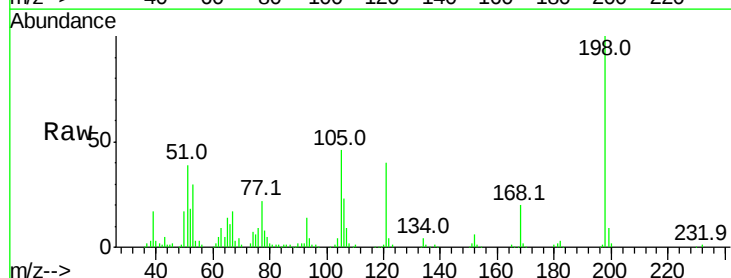
Instrument :  
BNA\_F  
ClientSampled :

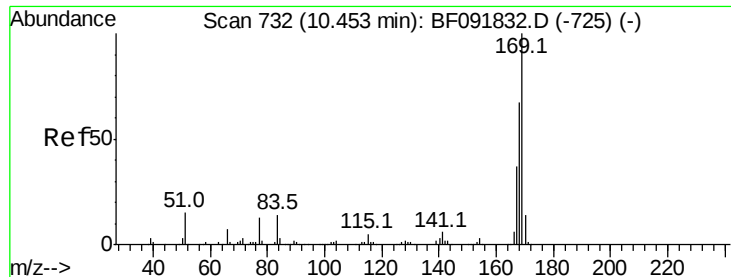
Tot Ion:188 Resp: 623018  
Ion Ratio Lower Upper  
188 100  
94 12.6 10.0 15.0  
80 14.2 11.2 16.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.65 ng  
RT: 10.29 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion:198 Resp: 149392  
Ion Ratio Lower Upper  
198 100  
51 38.6 6.7 46.7  
105 45.8 16.6 56.6

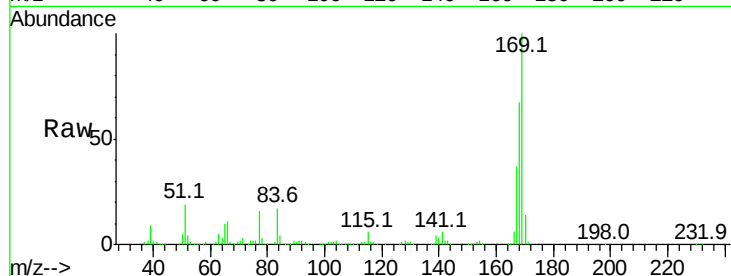




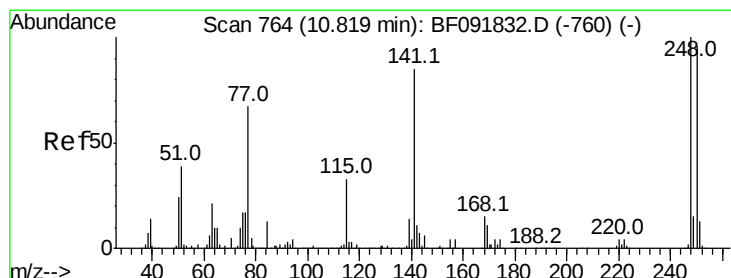
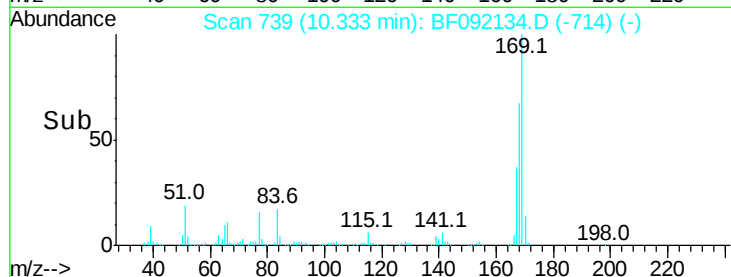
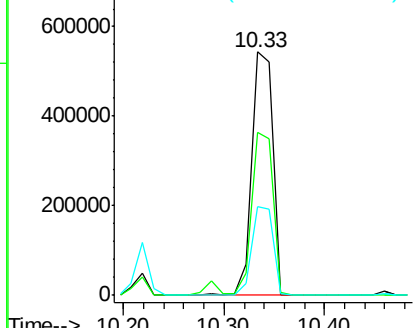
#65  
n-Nitrosodiphenylamine  
Concen: 42.63 ng  
RT: 10.33 min Scan# 739  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:169 Resp: 788060  
Ion Ratio Lower Upper  
169 100  
168 67.1 54.2 81.2  
167 36.7 30.2 45.4

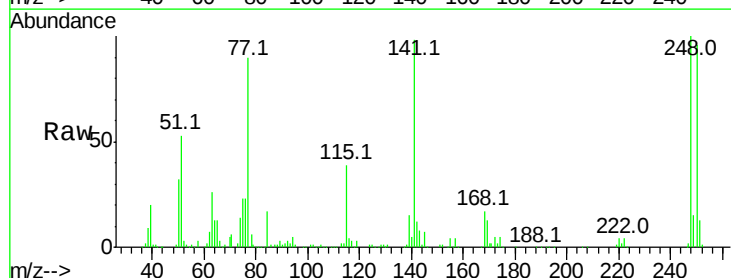


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

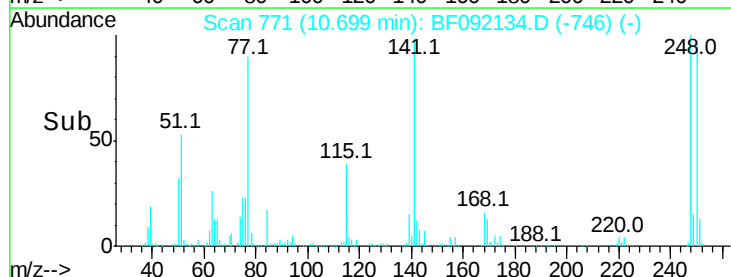
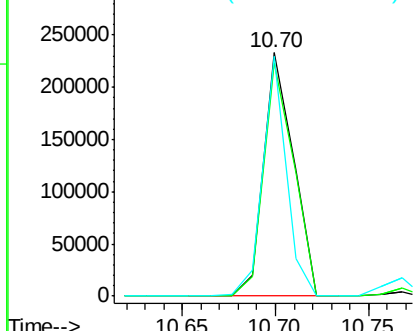


#66  
4-Bromophenyl-phenylether  
Concen: 39.70 ng  
RT: 10.70 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion:248 Resp: 257261  
Ion Ratio Lower Upper  
248 100  
250 96.0 76.9 115.3  
141 98.5 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

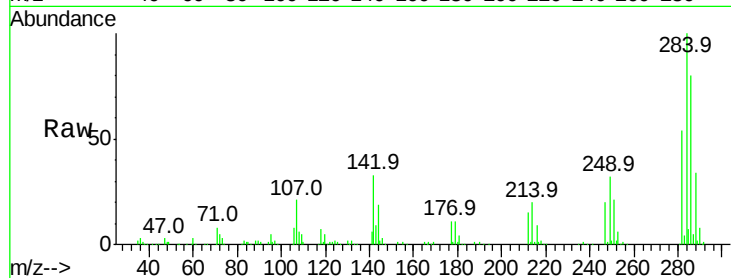




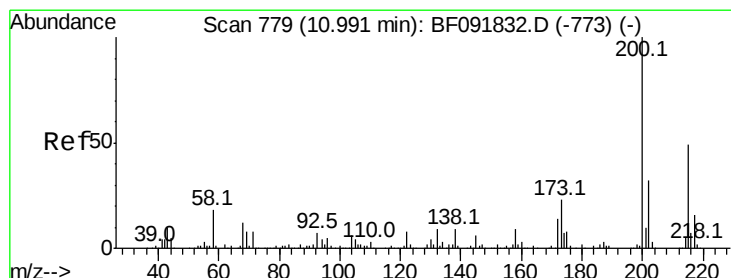
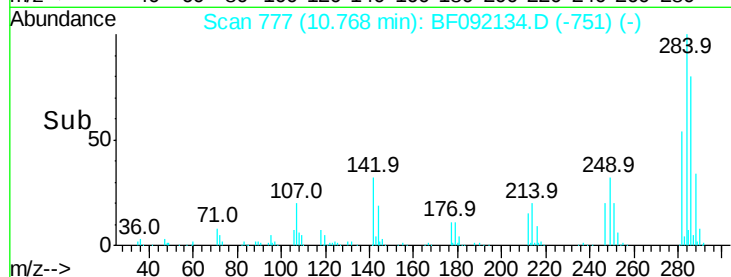
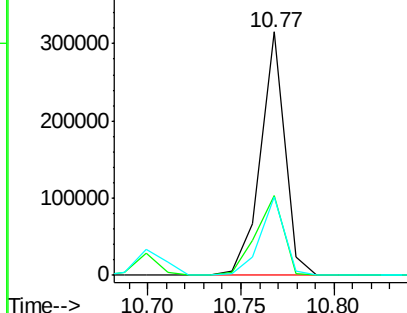
#67  
Hexachlorobenzene  
Concen: 40.73 ng  
RT: 10.77 min Scan# 777  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.0  | 22.6  | 33.8  |
| 249     | 32.3  | 25.4  | 38.0  |

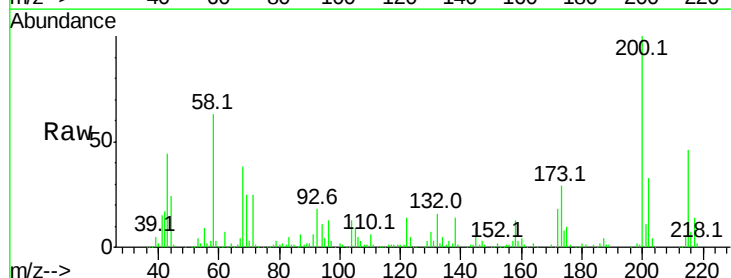


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

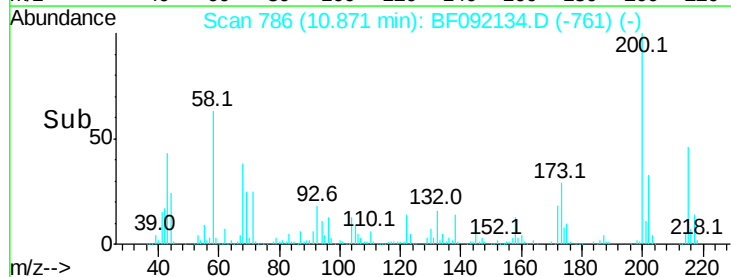
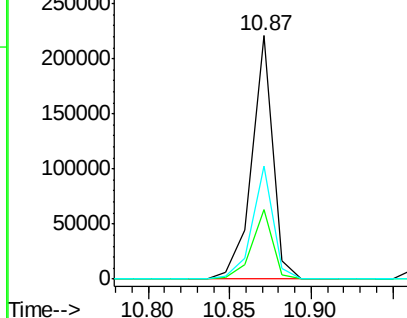


#68  
Atrazine  
Concen: 33.21 ng  
RT: 10.87 min Scan# 786  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.5  | 9.6   | 49.6  |
| 215     | 46.2  | 25.7  | 65.7  |



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

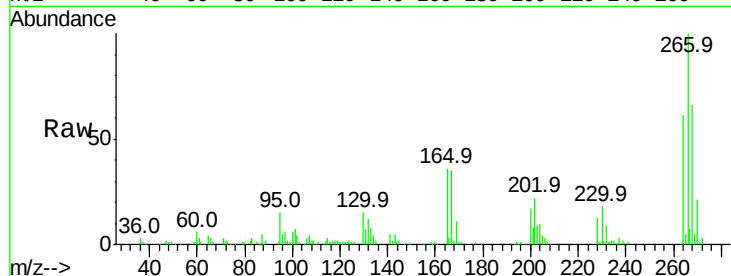




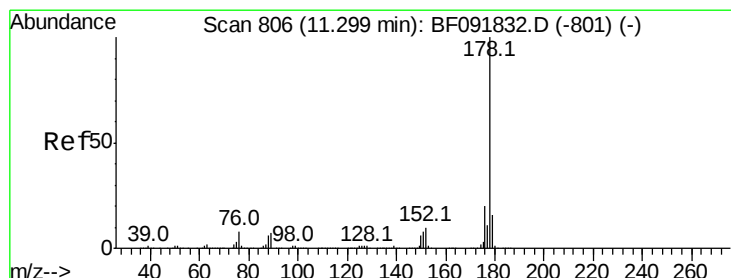
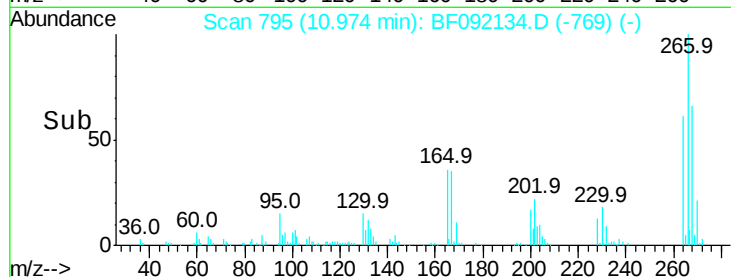
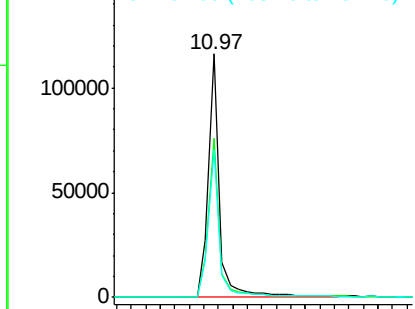
#69  
 Pentachlorophenol  
 Concen: 37.45 ng  
 RT: 10.97 min Scan# 795  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 127280  
 Ion Ratio Lower Upper  
 266 100  
 268 65.5 53.3 79.9  
 264 60.8 50.3 75.5

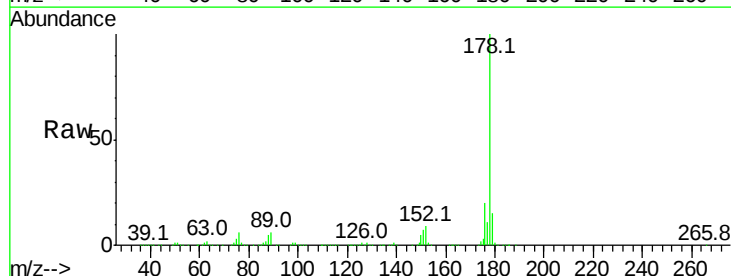


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

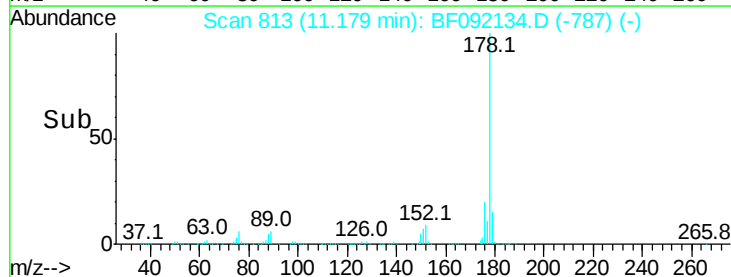
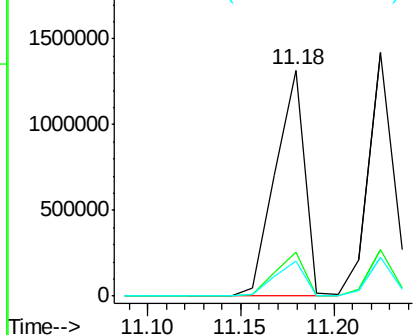


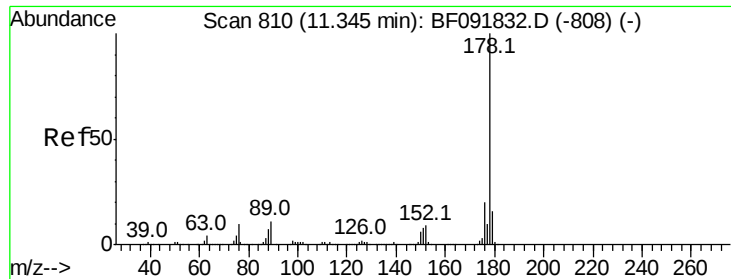
#70  
 Phenanthrene  
 Concen: 42.69 ng  
 RT: 11.18 min Scan# 813  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:178 Resp: 1442099  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 16.6 25.0  
 179 15.4 12.8 19.2



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

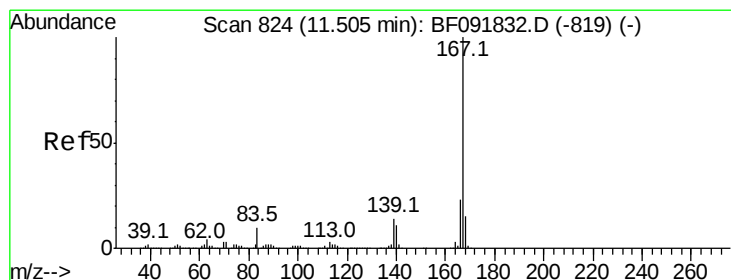
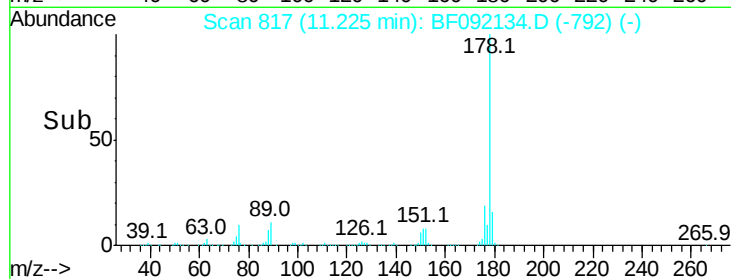
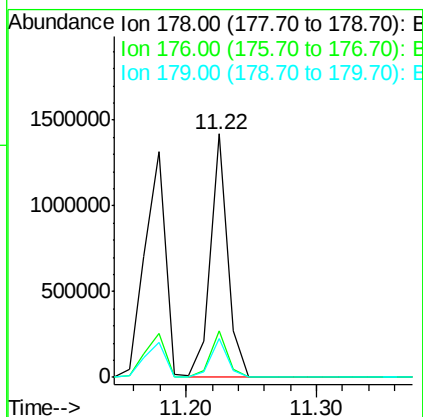
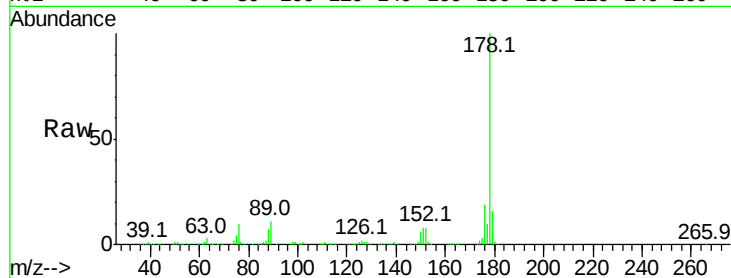




#71  
 Anthracene  
 Concen: 43.34 ng  
 RT: 11.22 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

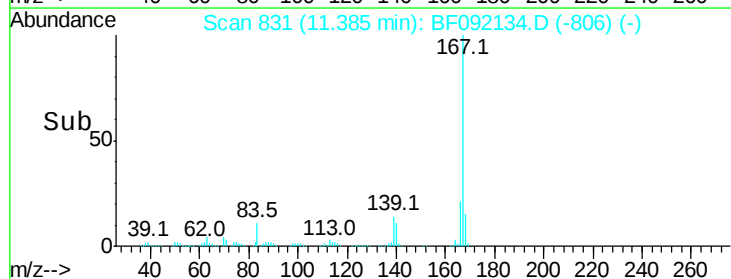
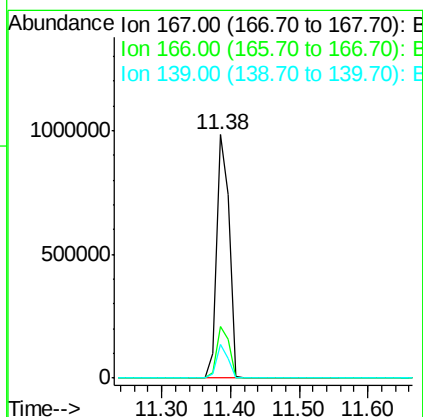
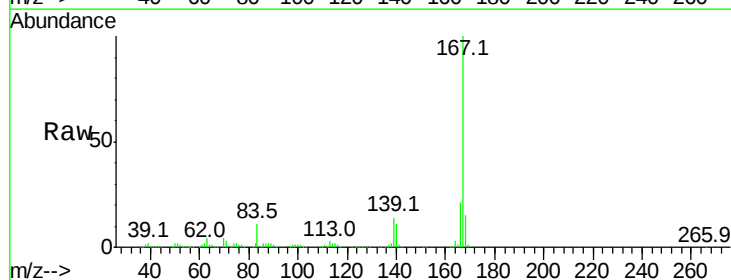
Instrument :  
 BNA\_F  
 ClientSampleId :

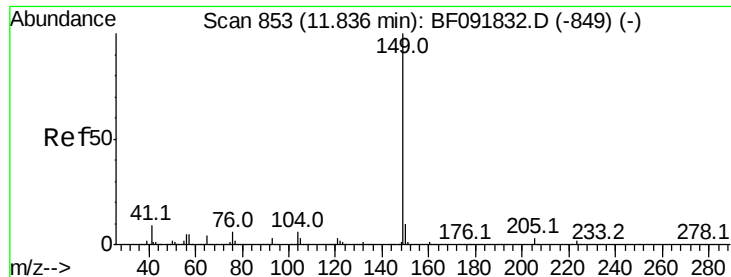
Tot Ion:178 Resp: 1314711  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.9 23.9  
 179 16.1 13.2 19.8



#72  
 Carbazole  
 Concen: 46.16 ng  
 RT: 11.38 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:167 Resp: 1269455  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 18.2 27.2  
 139 14.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.46 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

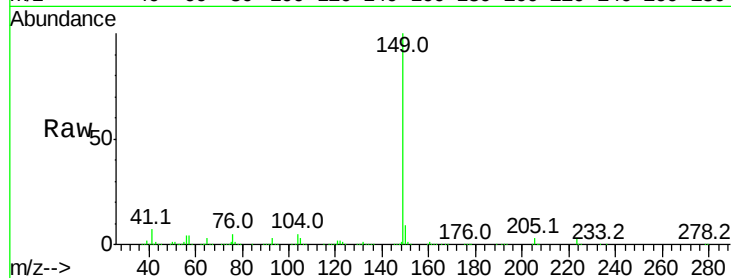
Tot Ion:149 Resp: 1570130

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

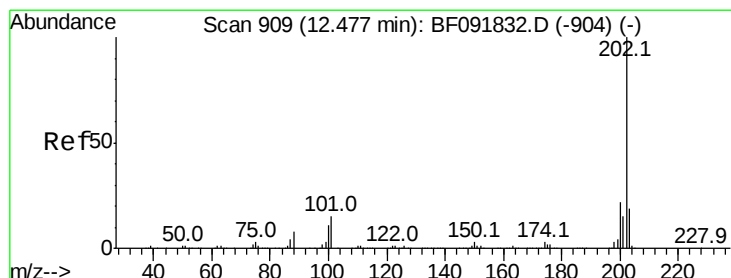
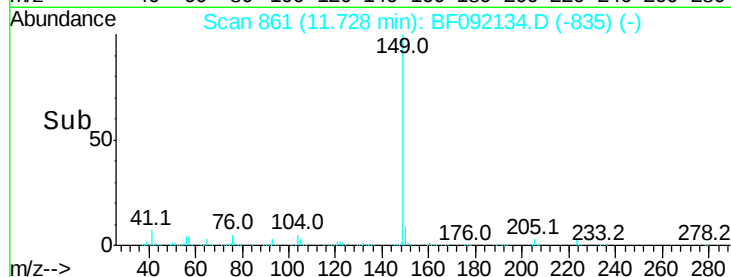
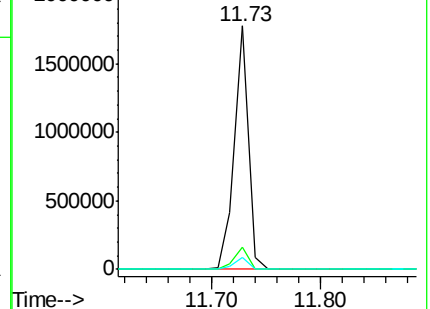
104 5.1 4.6 7.0



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: 44.82 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

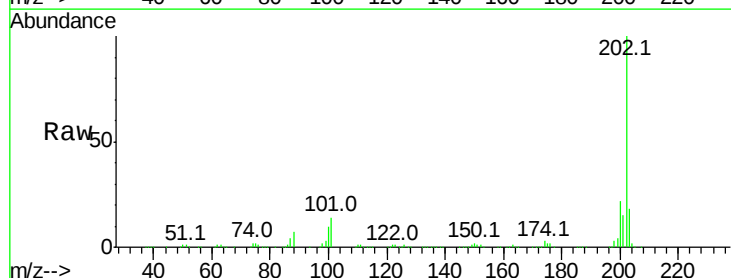
Tgt Ion:202 Resp: 1328873

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.6

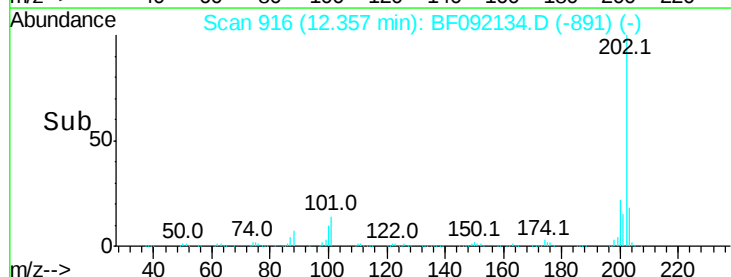
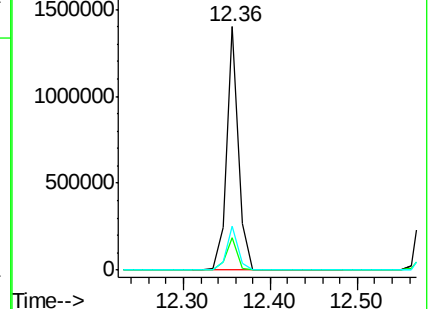
203 18.0 0.0 38.7

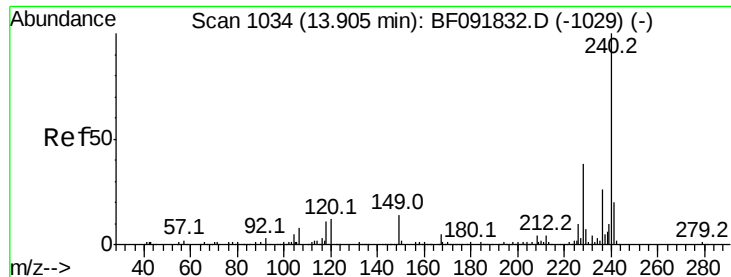


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

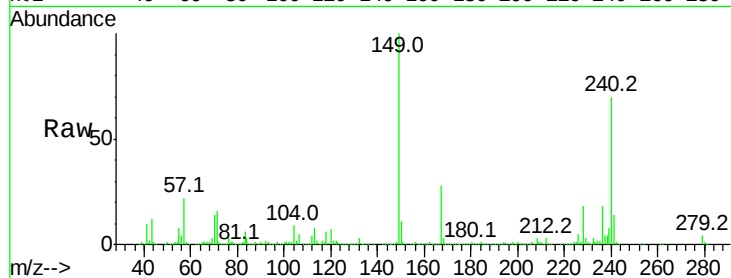
Tot Ion:240 Resp: 474675

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

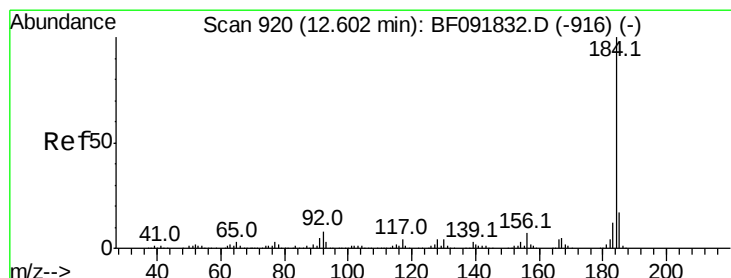
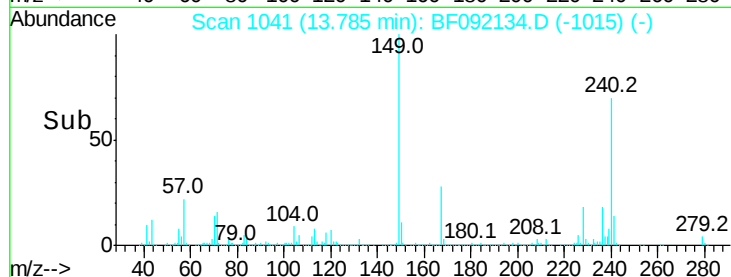
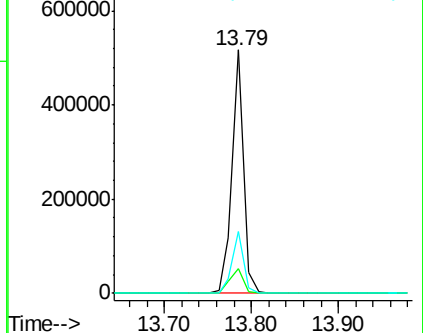
236 25.7 20.9 31.3



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: 66.88 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

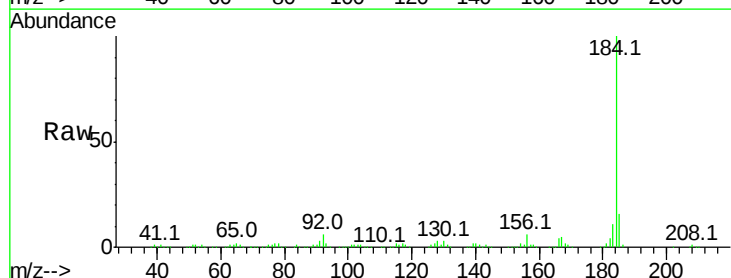
Tgt Ion:184 Resp: 725087

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.0

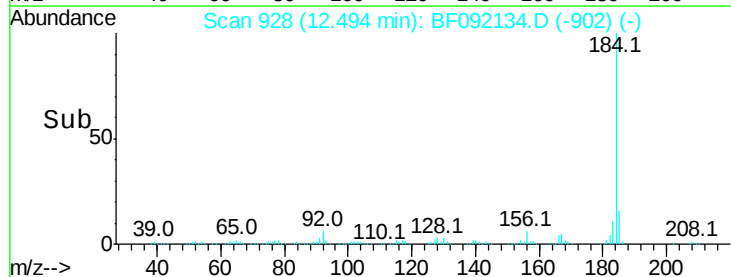
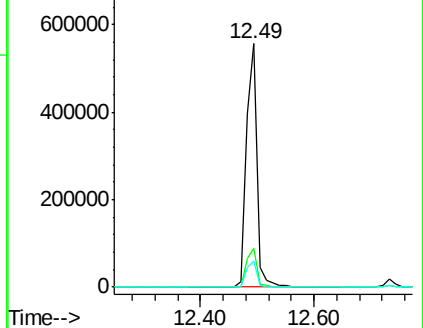
183 10.9 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

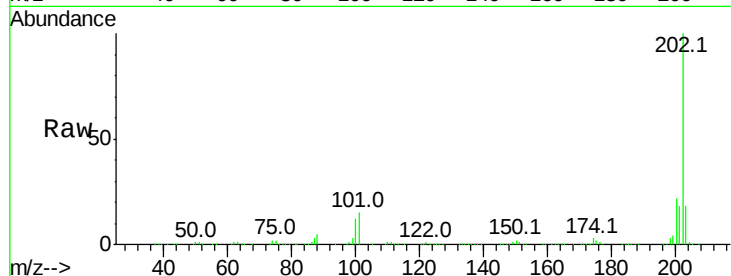




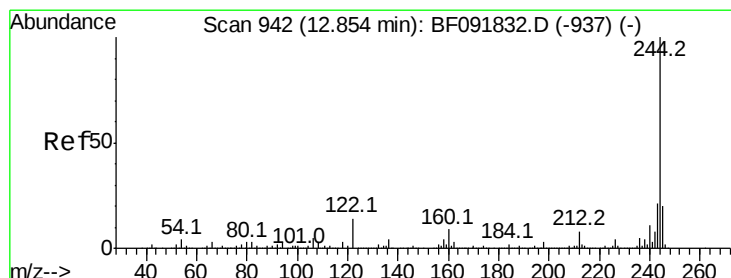
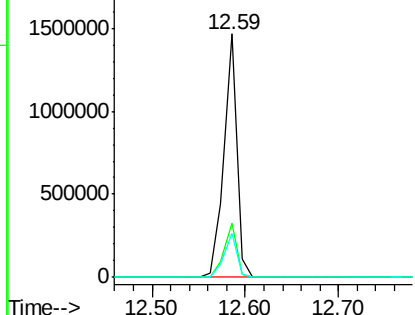
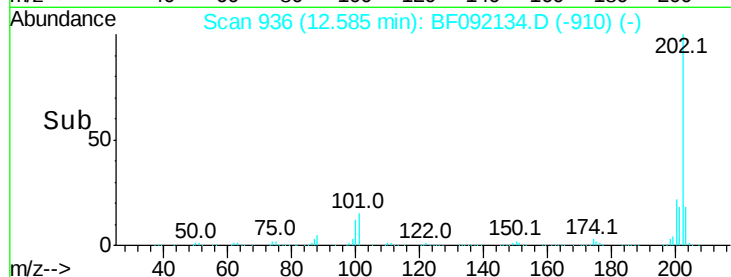
#77  
Pvrene  
Concen: 40.40 ng  
RT: 12.59 min Scan# 936  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 1406928  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.7 26.5  
203 18.2 14.7 22.1

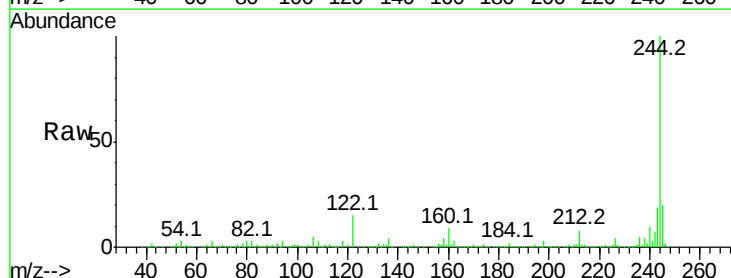


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

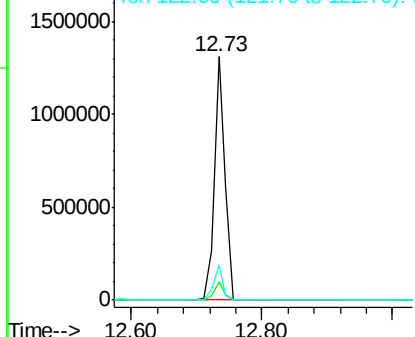
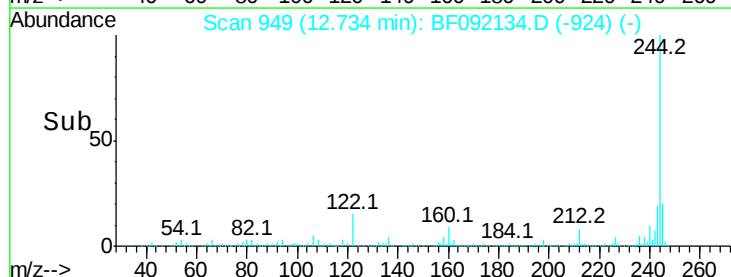


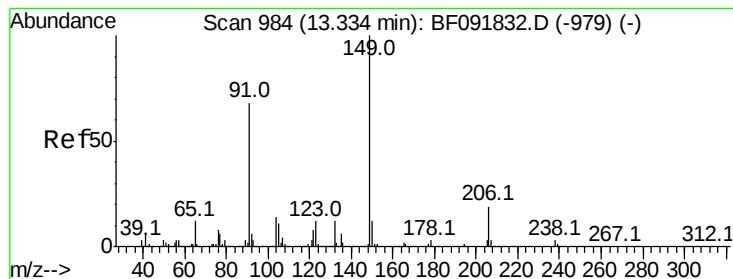
#78  
Terphenyl-d14  
Concen: 77.69 ng  
RT: 12.73 min Scan# 949  
Delta R.T. -0.01 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion:244 Resp: 1520492  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.2 9.2  
122 14.6 11.4 17.2



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: 39.67 ng

RT: 13.21 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF092134.D

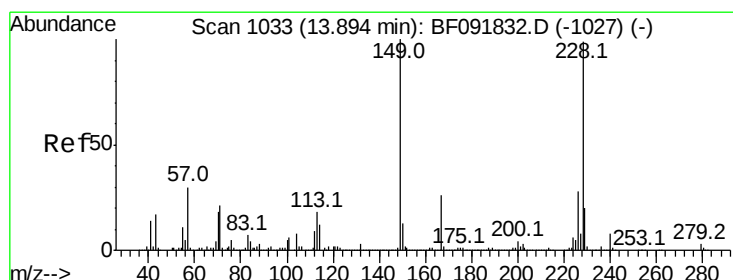
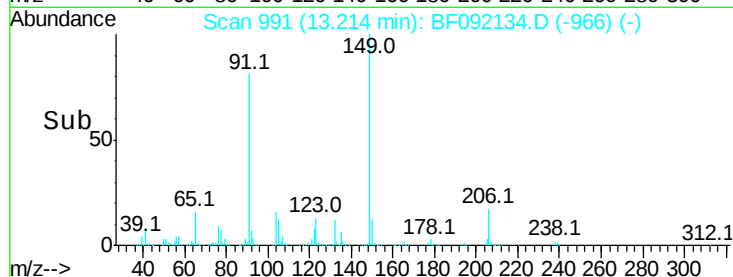
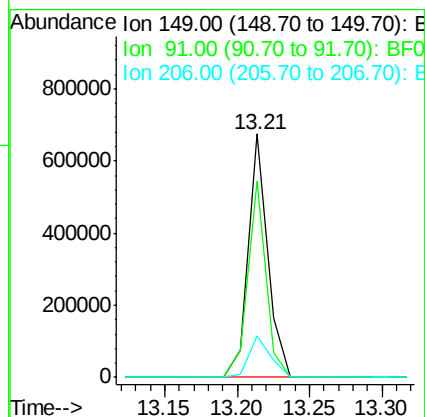
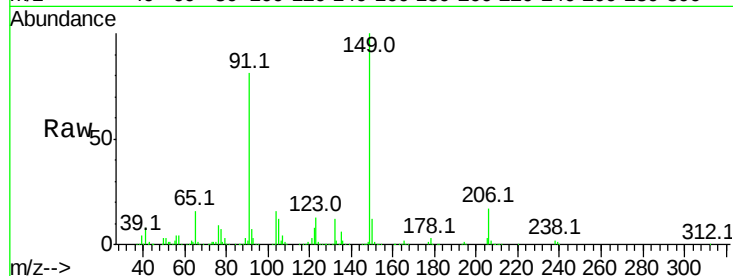
Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 149   | Resp: | 628357 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 91       | 80.8  | 63.9  | 95.9   |
| 206      | 17.1  | 14.6  | 21.8   |



#80

Benzo(a)anthracene

Concen: 42.57 ng

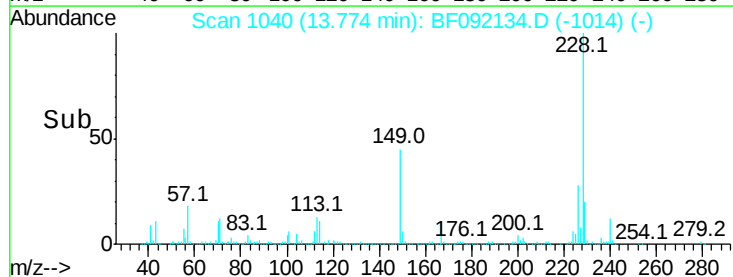
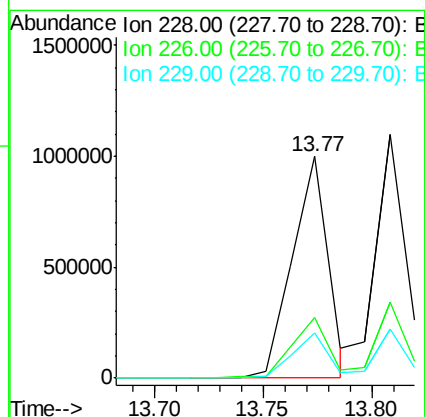
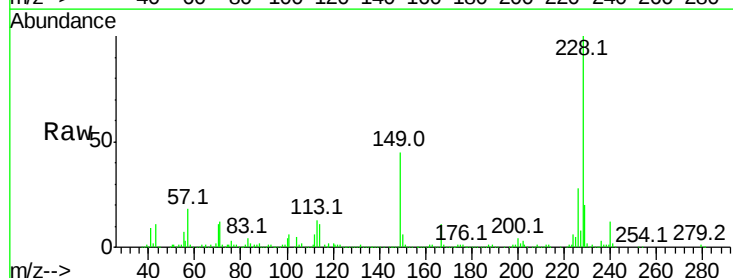
RT: 13.77 min Scan# 1040

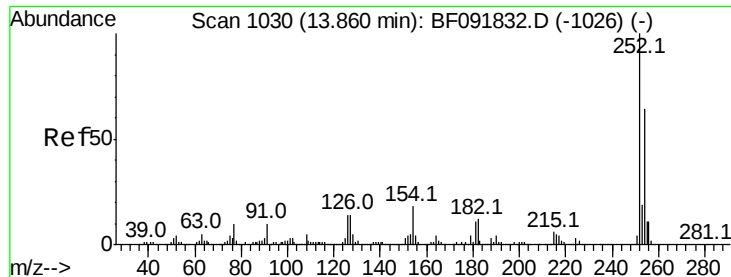
Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 228   | Resp: | 1140564 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 27.6  | 22.4  | 33.6    |
| 229      | 20.2  | 16.2  | 24.4    |

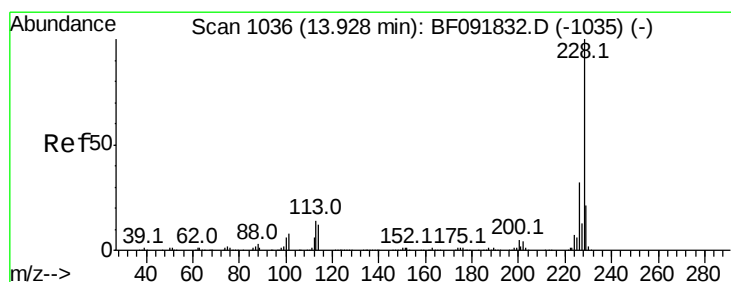
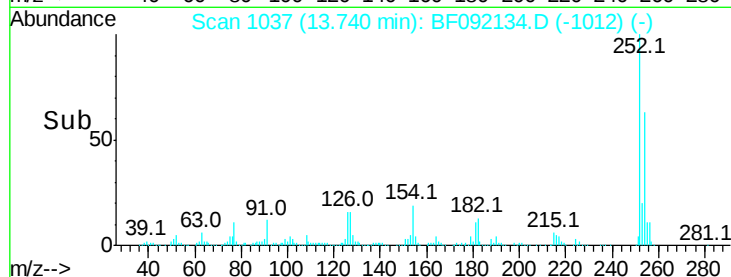
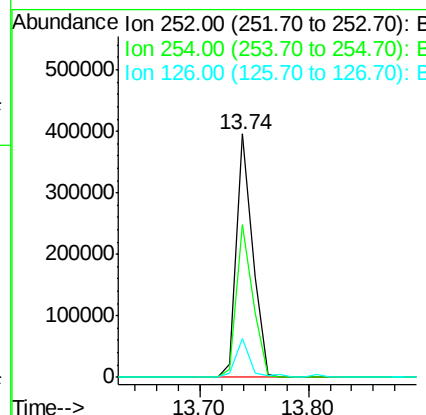
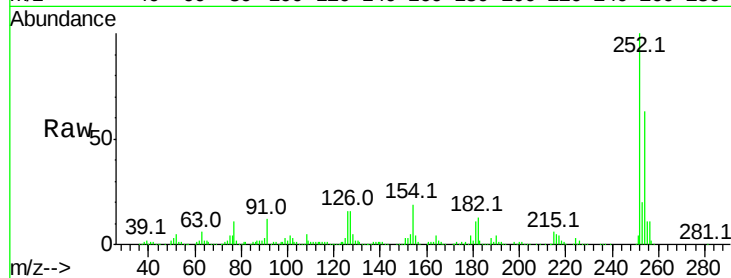




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.78 ng  
 RT: 13.74 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

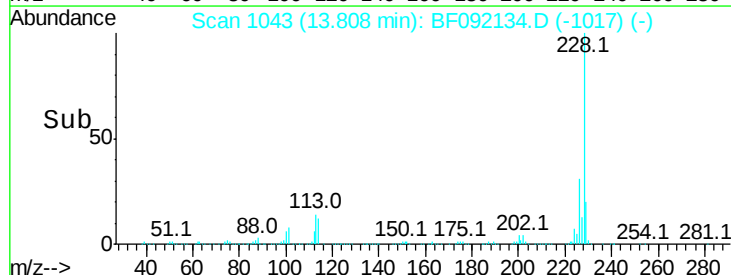
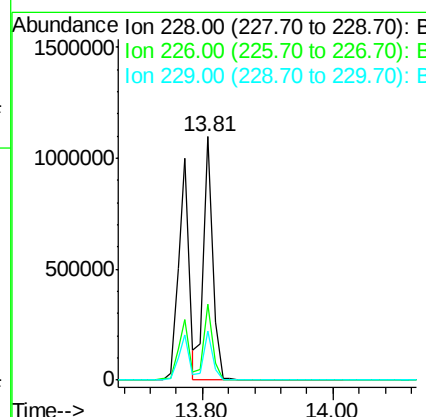
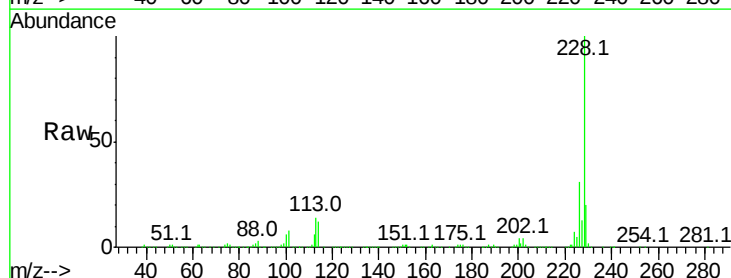
Instrument :  
 BNA\_F  
 ClientSampleId :

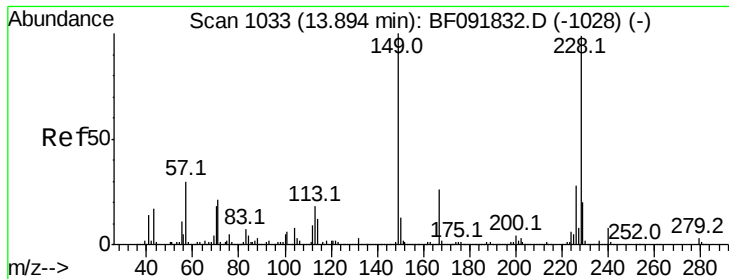
Tot Ion:252 Resp: 404219  
 Ion Ratio Lower Upper  
 252 100  
 254 62.6 52.3 78.5  
 126 15.7 13.6 20.4



#82  
 Chrysene  
 Concen: 39.51 ng  
 RT: 13.81 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:228 Resp: 1061857  
 Ion Ratio Lower Upper  
 228 100  
 226 31.4 25.4 38.0  
 229 20.3 16.2 24.2

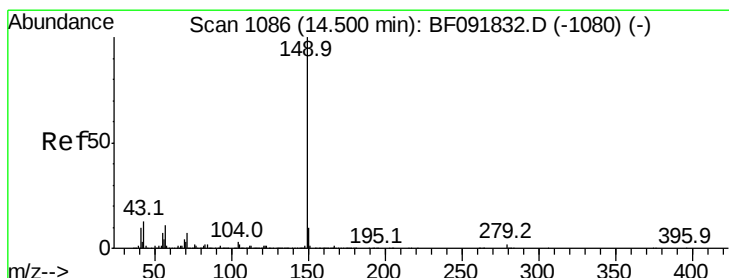
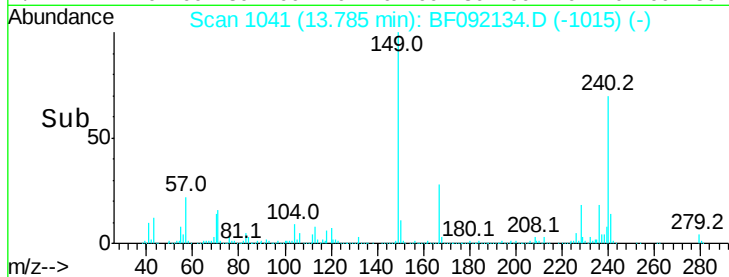
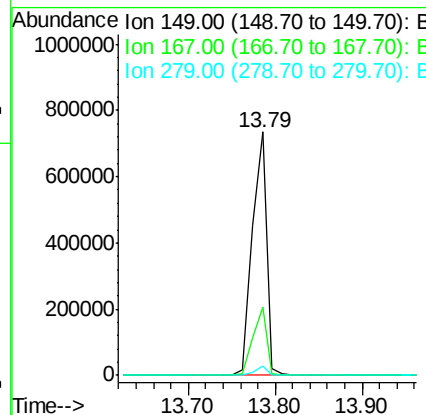
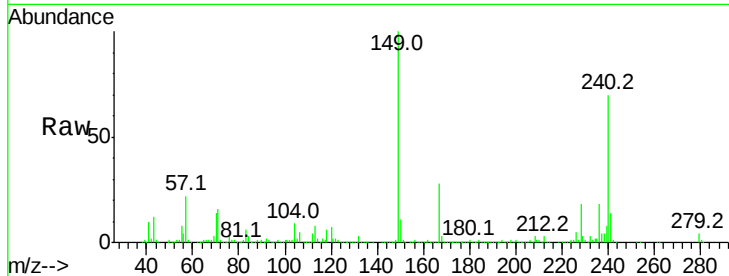




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.45 ng  
 RT: 13.79 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

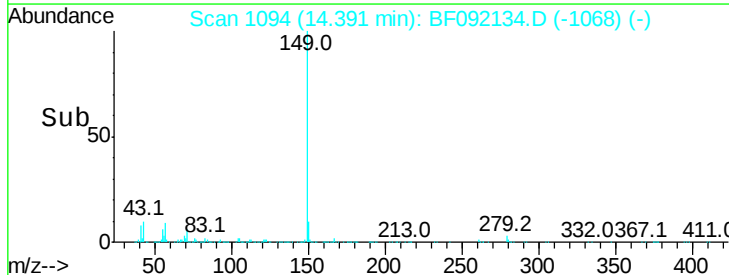
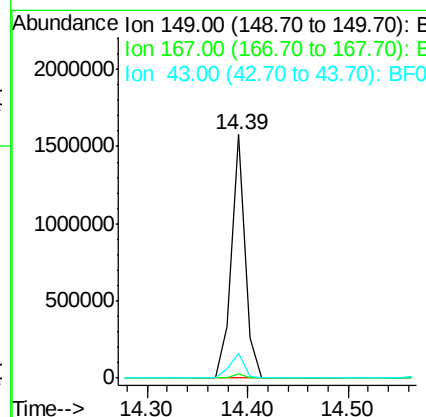
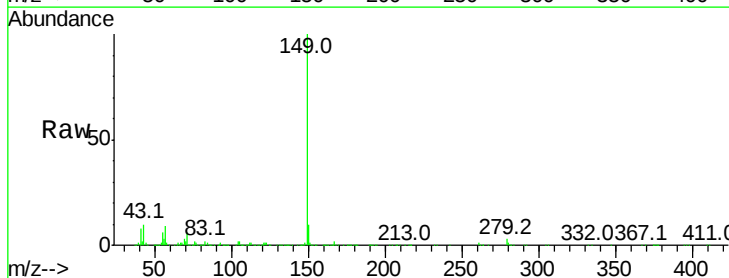
Instrument :  
 BNA\_F  
 ClientSampled :

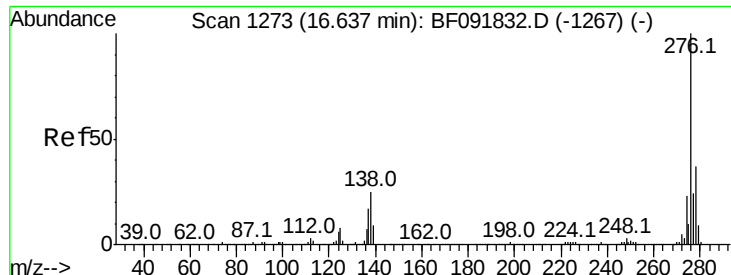
Tot Ion:149 Resp: 847813  
 Ion Ratio Lower Upper  
 149 100  
 167 27.8 20.2 30.4  
 279 3.8 1.8 2.8#



#84  
 Di-n-octyl phthalate  
 Concen: 43.58 ng  
 RT: 14.39 min Scan# 1094  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:149 Resp: 1505847  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 11.0 8.9 13.3

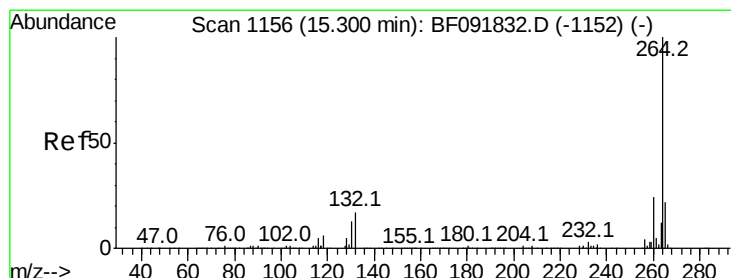
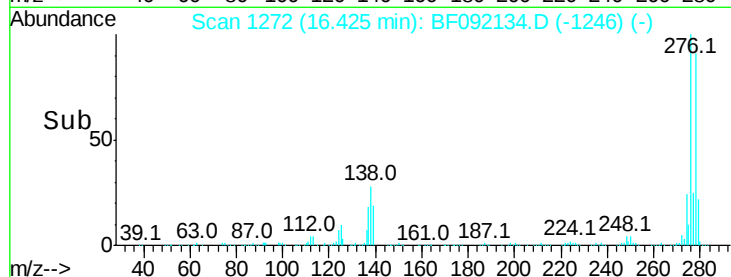
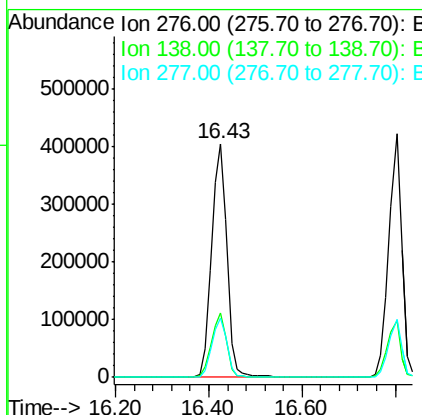
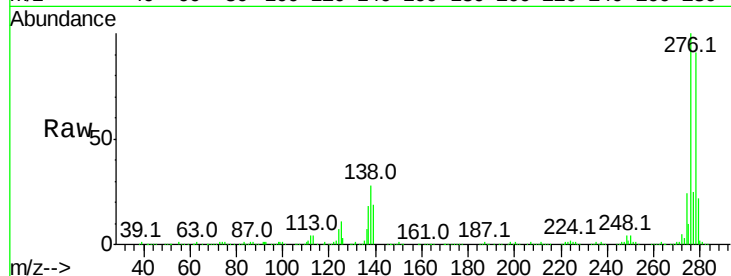




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.37 ng  
 RT: 16.43 min Scan# 1272  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

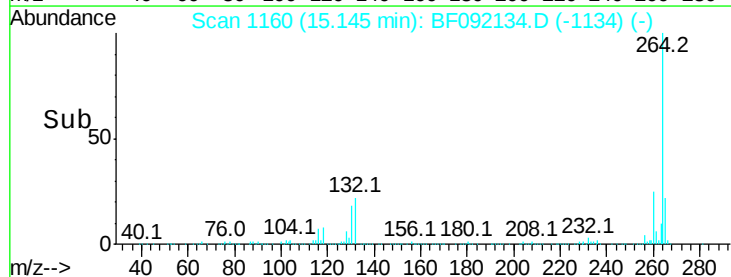
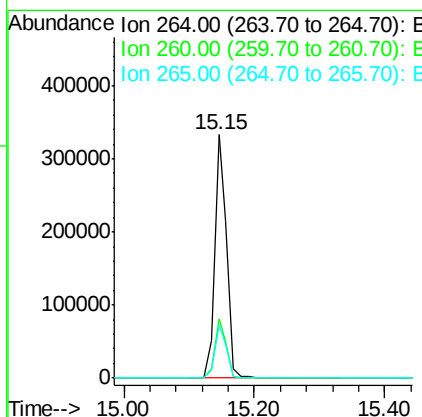
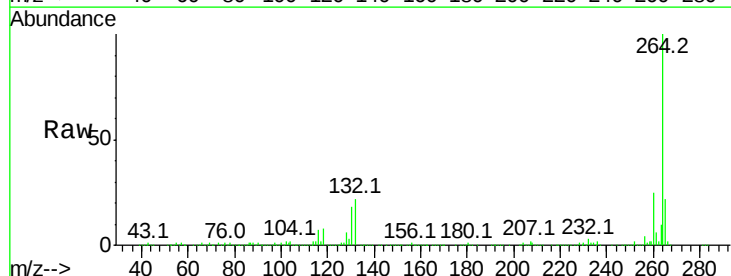
Instrument :  
 BNA\_F  
 ClientSampled :

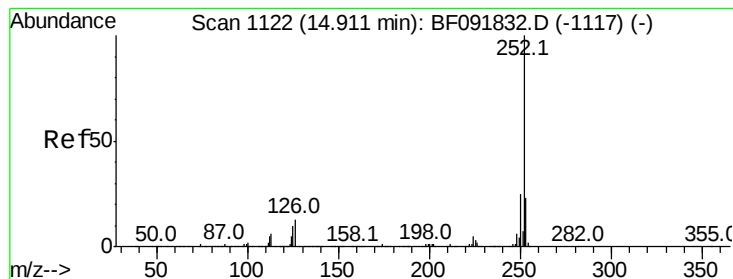
Tot Ion:276 Resp: 939982  
 Ion Ratio Lower Upper  
 276 100  
 138 27.0 21.8 32.6  
 277 25.1 20.2 30.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.15 min Scan# 1160  
 Delta R.T. 0.00 min  
 Lab File: BF092134.D  
 Acq: 9 Jan 2017 13:17

Tgt Ion:264 Resp: 428301  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.2 28.8  
 265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 76.48 ng

RT: 14.80 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

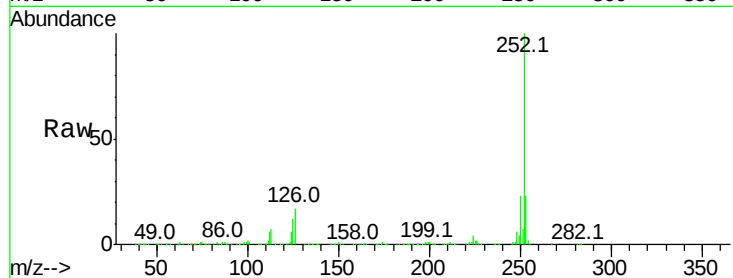
Tot Ion:252 Resp: 2039337

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

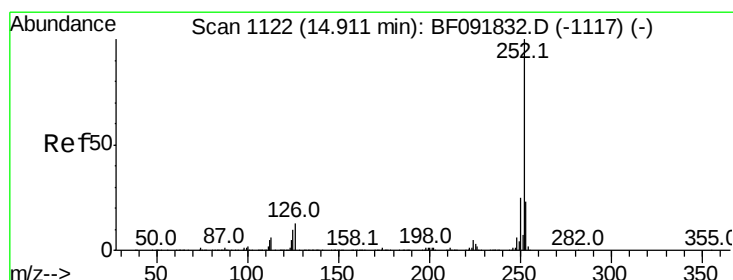
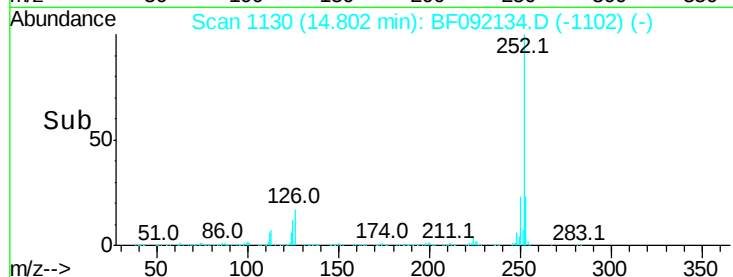
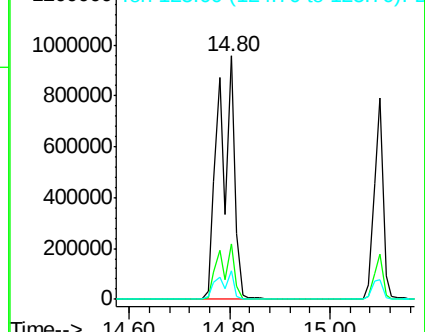
125 11.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.71 ng

RT: 14.80 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

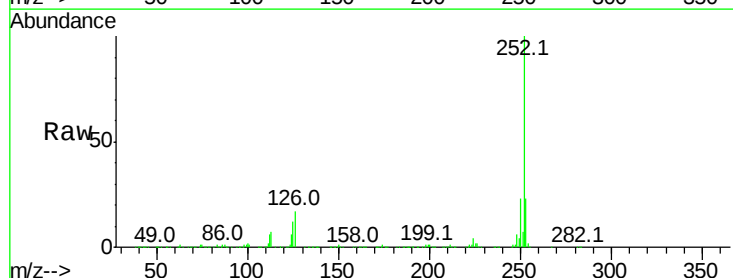
Tgt Ion:252 Resp: 2039859

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

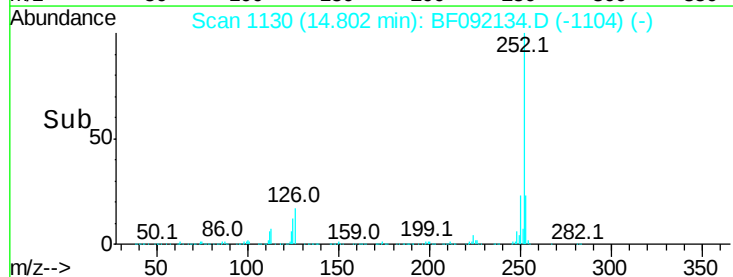
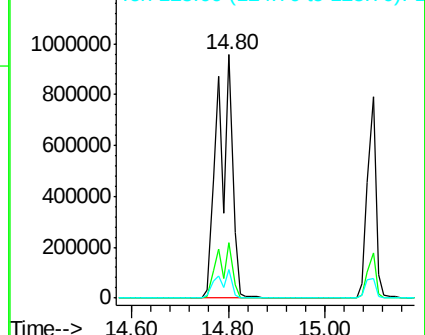
125 11.7 8.9 13.3

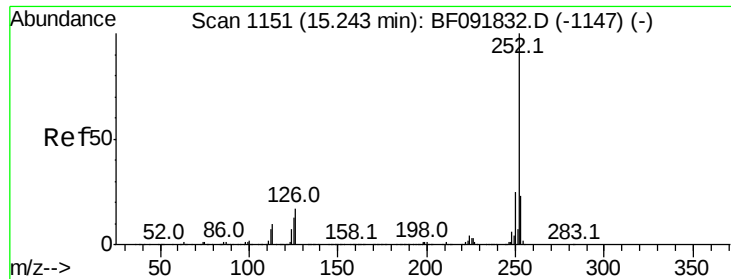


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

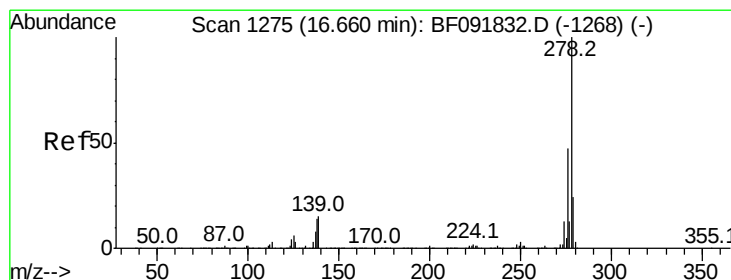
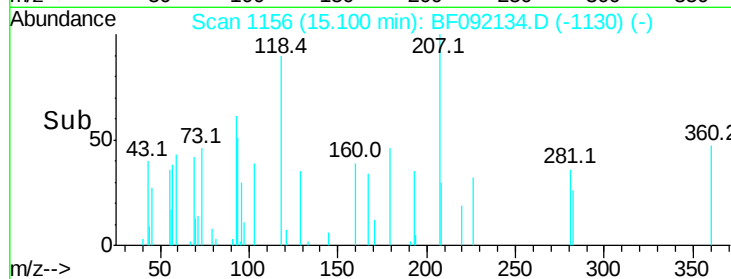
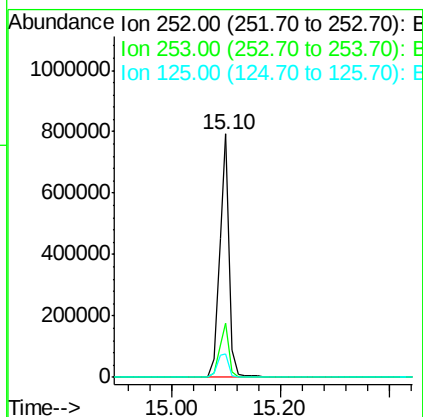
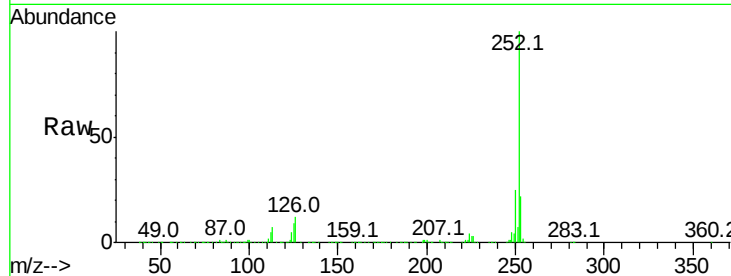




#89  
Benzo(a)pyrene  
Concen: 41.35 ng  
RT: 15.10 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

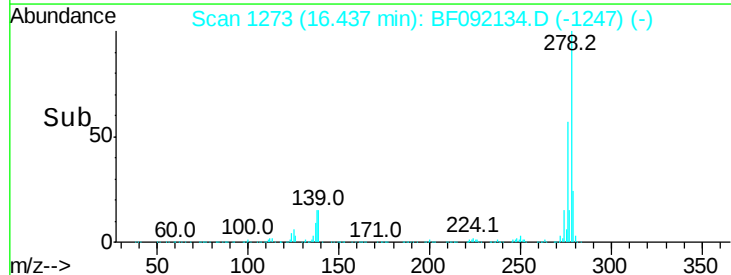
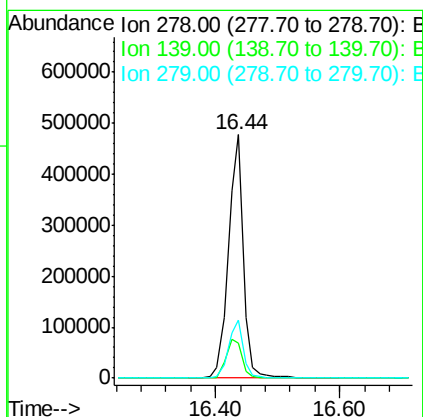
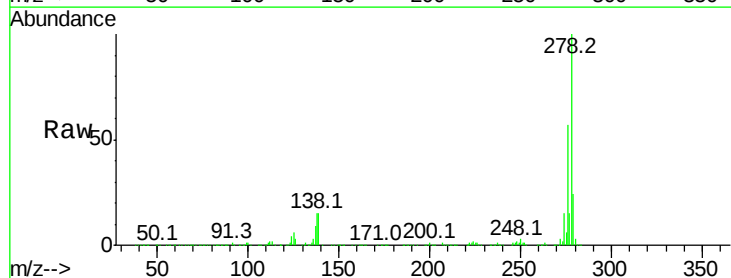
Instrument :  
BNA\_F  
ClientSampleId :

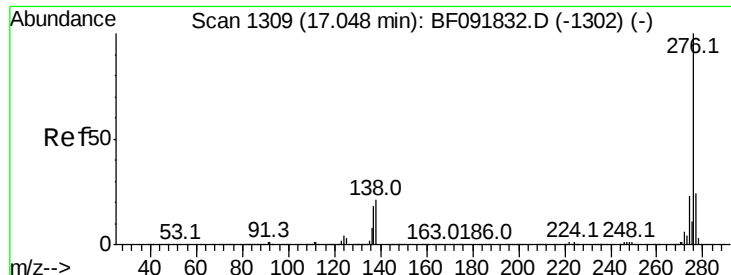
Tot Ion:252 Resp: 978763  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 9.4 10.0 15.0#



#90  
Dibenzo(a,h)anthracene  
Concen: 40.86 ng  
RT: 16.44 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BF092134.D  
Acq: 9 Jan 2017 13:17

Tgt Ion:278 Resp: 794952  
Ion Ratio Lower Upper  
278 100  
139 14.5 14.8 22.2#  
279 23.9 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 40.40 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF092134.D

Acq: 9 Jan 2017 13:17

Instrument :

BNA\_F

ClientSampleId :

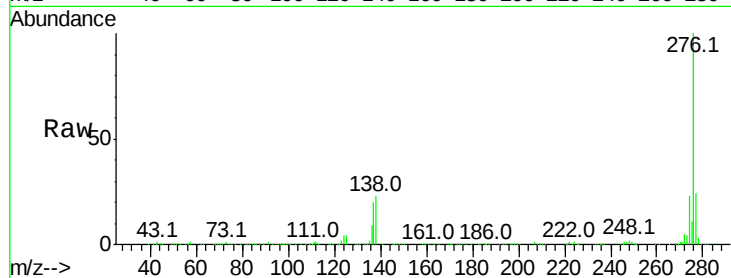
Tot Ion:276 Resp: 817239

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 23.2 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

