

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122116\  
 Data File : BF091837.D  
 Acq On : 21 Dec 2016 17:00  
 Operator : UM/SJ  
 Sample : H6103-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 22 02:29:33 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 253861   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.03  | 136  | 1071105  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.79  | 164  | 593228   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.26 | 188  | 958492   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.91 | 240  | 794165   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.30 | 264  | 732759   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 2562392 | 168.54 | ng | 0.02  |
| 7) Phenol-d6             | 6.40  | 99  | 2775489 | 149.52 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.31  | 82  | 2031316 | 105.45 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.58 | 330 | 631551  | 128.64 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.12  | 172 | 3224875 | 116.10 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.85 | 244 | 2864978 | 87.49  | ng | 0.00  |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.41 | 88  | 152053 | 20.31 | ng | # 94   |
| 3) Pyridine                    | 3.12 | 79  | 361021 | 13.82 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.02 | 42  | 161792 | 16.42 | ng | 97     |
| 6) Aniline                     | 6.41 | 93  | 232037 | 9.62  | ng | # 84   |
| 8) 2-Chlorophenol              | 6.53 | 128 | 310233 | 17.94 | ng | 98     |
| 9) Benzaldehyde                | 6.29 | 77  | 183979 | 13.96 | ng | 91     |
| 10) Phenol                     | 6.41 | 94  | 244522 | 11.56 | ng | # 68   |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93  | 290904 | 17.28 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146 | 264468 | 14.32 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 321104 | 17.09 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.76 | 146 | 321104 | 19.69 | ng | 97     |
| 15) Benzyl Alcohol             | 6.89 | 79  | 257434 | 17.85 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 442431 | 17.65 | ng | 84     |
| 17) 2-Methylphenol             | 7.01 | 107 | 243980 | 17.54 | ng | 99     |
| 18) Hexachloroethane           | 7.25 | 117 | 116371 | 16.70 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 210427 | 17.04 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.17 | 107 | 322355 | 19.43 | ng | # 74   |
| 22) Acetophenone               | 7.16 | 105 | 440902 | 16.69 | ng | # 95   |
| 24) Nitrobenzene               | 7.33 | 77  | 350176 | 17.07 | ng | # 89   |
| 25) Isophorone                 | 7.57 | 82  | 576719 | 16.23 | ng | 98     |
| 26) 2-Nitrophenol              | 7.65 | 139 | 165688 | 16.38 | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 7.70 | 122 | 287736 | 17.15 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93  | 355875 | 16.51 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.89 | 162 | 231880 | 16.32 | ng | 89     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 252924 | 16.24 | ng | 95     |
| 31) Naphthalene                | 8.05 | 128 | 867843 | 17.70 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 191986 | 15.43 | ng | 99     |
| 33) 4-Chloroaniline            | 8.11 | 127 | 258654 | 11.70 | ng | 94     |
| 34) Hexachlorobutadiene        | 8.18 | 225 | 146347 | 17.81 | ng | 99     |
| 35) Caprolactam                | 8.46 | 113 | 77821  | 16.67 | ng | # 77   |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107 | 276032 | 16.88 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.75 | 142 | 578070 | 15.57 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 241601 | 16.12 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.90 | 237 | 76278  | 14.84 | ng | 98     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122116\  
 Data File : BF091837.D  
 Acq On : 21 Dec 2016 17:00  
 Operator : UM/SJ  
 Sample : H6103-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

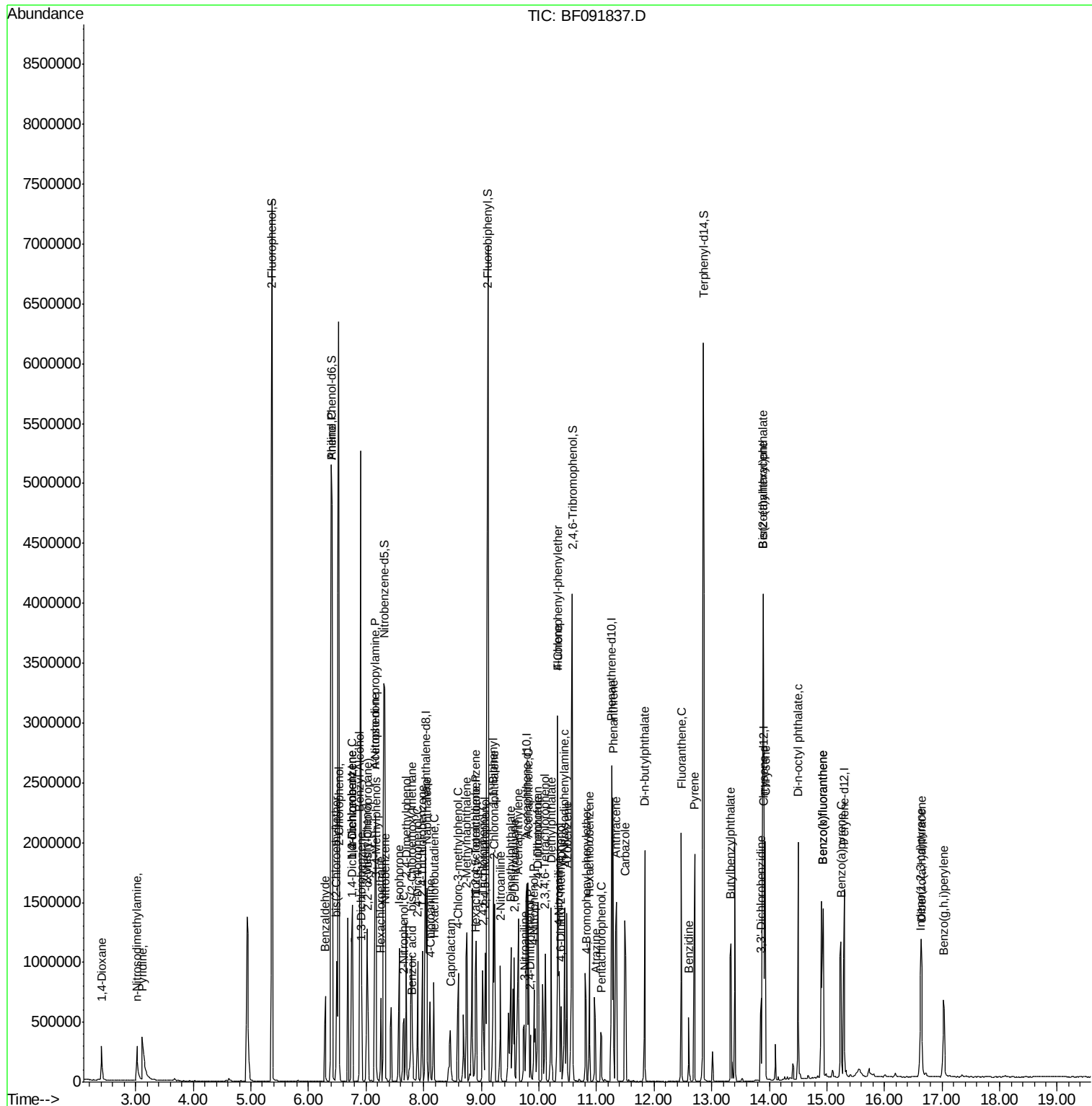
Quant Time: Dec 22 02:29:33 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

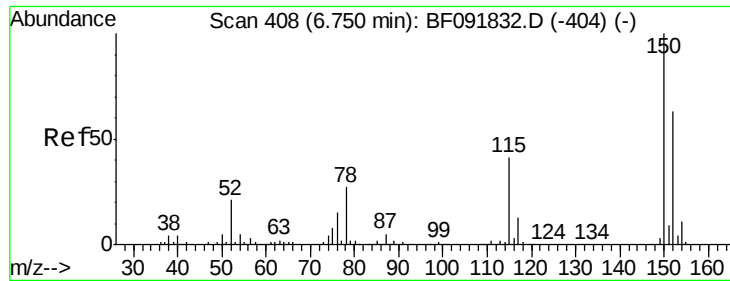
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.02  | 196  | 171718   | 16.38 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.07  | 196  | 167806   | 15.56 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.21  | 154  | 692886   | 17.06 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.23  | 162  | 517525   | 16.09 | ng    | 94       |
| 47) 2-Nitroaniline             | 9.33  | 65   | 188025   | 16.42 | ng    | # 84     |
| 48) Acenaphthylene             | 9.64  | 152  | 828038   | 16.74 | ng    | 98       |
| 49) Dimethylphthalate          | 9.52  | 163  | 666273   | 17.56 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.57  | 165  | 140687   | 16.94 | ng    | # 86     |
| 51) Acenaphthene               | 9.81  | 154  | 555333   | 16.56 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.74  | 138  | 127462   | 12.40 | ng    | # 78     |
| 53) 2,4-Dinitrophenol          | 9.85  | 184  | 56698    | 12.27 | ng    | # 59     |
| 54) Dibenzofuran               | 9.98  | 168  | 715768   | 15.80 | ng    | 99       |
| 55) 4-Nitrophenol              | 9.92  | 139  | 119915   | 17.18 | ng    | 89       |
| 56) 2,4-Dinitrotoluene         | 9.97  | 165  | 177539   | 17.03 | ng    | 91       |
| 57) Fluorene                   | 10.33 | 166  | 569474   | 17.28 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 134220   | 15.73 | ng    | 98       |
| 59) Diethylphthalate           | 10.21 | 149  | 621133   | 16.86 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.33 | 204  | 274741   | 19.04 | ng    | 88       |
| 61) 4-Nitroaniline             | 10.35 | 138  | 161704   | 15.18 | ng    | 99       |
| 62) Azobenzene                 | 10.49 | 77   | 689828   | 17.00 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.38 | 198  | 89547    | 15.45 | ng    | # 68     |
| 65) n-Nitrosodiphenylamine     | 10.44 | 169  | 492285   | 17.31 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.82 | 248  | 166714   | 16.72 | ng    | # 77     |
| 67) Hexachlorobenzene          | 10.88 | 284  | 171564   | 16.10 | ng    | # 80     |
| 68) Atrazine                   | 10.98 | 200  | 122097   | 13.31 | ng    | 94       |
| 69) Pentachlorophenol          | 11.08 | 266  | 71336    | 13.64 | ng    | 99       |
| 70) Phenanthrene               | 11.29 | 178  | 874165   | 16.82 | ng    | 98       |
| 71) Anthracene                 | 11.34 | 178  | 899406   | 15.70 | ng    | 96       |
| 72) Carbazole                  | 11.49 | 167  | 793627   | 14.27 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.84 | 149  | 967777   | 17.11 | ng    | 98       |
| 74) Fluoranthene               | 12.48 | 202  | 927212   | 18.04 | ng    | 93       |
| 76) Benzidine                  | 12.60 | 184  | 220095   | 7.50  | ng    | 99       |
| 77) Pyrene                     | 12.70 | 202  | 960669   | 16.49 | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.33 | 149  | 406585   | 15.34 | ng    | # 75     |
| 80) Benzo(a)anthracene         | 13.89 | 228  | 735647   | 16.41 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.86 | 252  | 204774   | 12.05 | ng    | # 95     |
| 82) Chrysene                   | 13.93 | 228  | 772912   | 17.19 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 514316   | 16.48 | ng    | # 97     |
| 84) Di-n-octyl phthalate       | 14.50 | 149  | 926633   | 16.03 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 642855   | 16.50 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.93 | 252  | 1415040  | 31.02 | ng    | # 94     |
| 88) Benzo(k)fluoranthene       | 14.93 | 252  | 1415651  | 36.39 | ng    | # 95     |
| 89) Benzo(a)pyrene             | 15.24 | 252  | 664035   | 16.40 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 16.65 | 278  | 544478   | 16.36 | ng    | 95       |
| 91) Benzo(g,h,i)perylene       | 17.03 | 276  | 542916   | 15.69 | ng    | # 93     |

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

```
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Acq On    : 21 Dec 2016  17:00  
Operator  : UM/SJ  
Sample    : H6103-06  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
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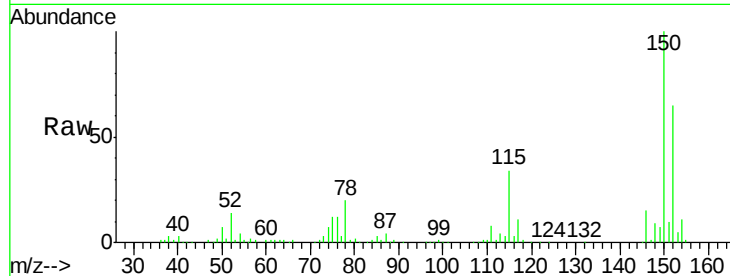
Quant Time: Dec 22 02:29:33 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 16:17:51 2016  
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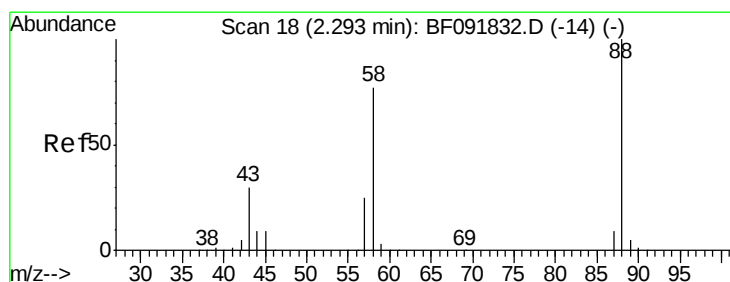
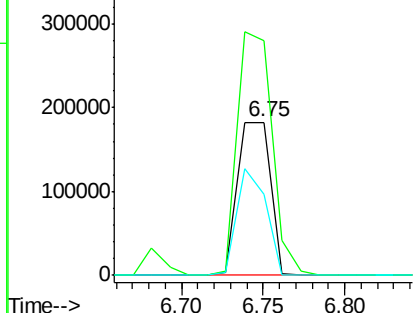
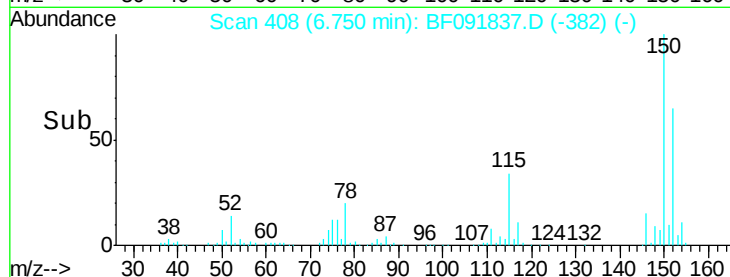


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.75 min Scan# 408  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.6 | 124.9 | 187.3 |
| 115     | 52.7  | 46.0  | 69.0  |

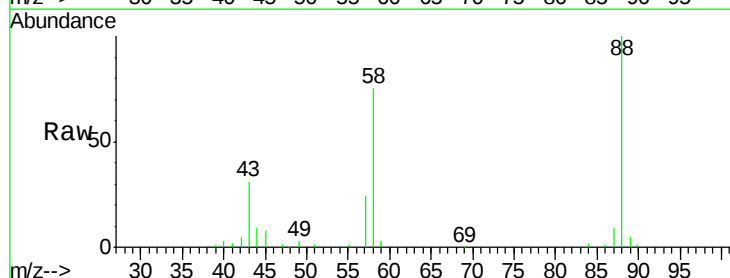


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

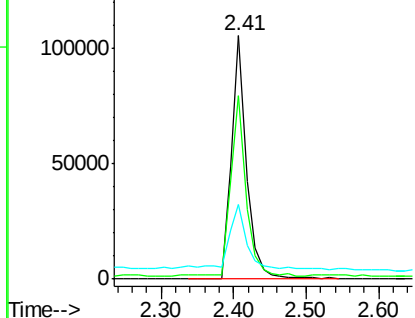
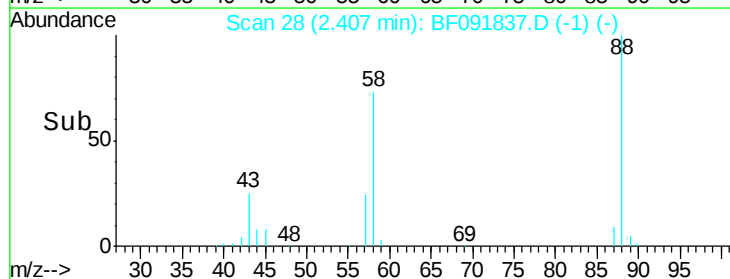


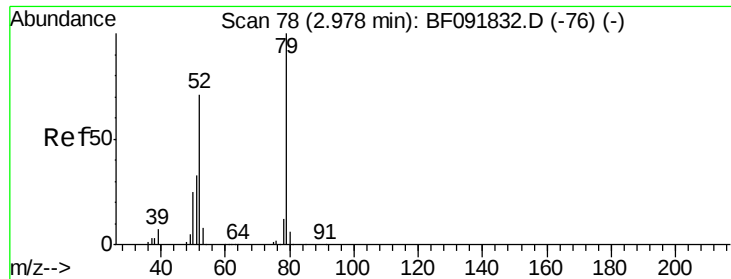
#2  
 1,4-Dioxane  
 Concen: 20.31 ng  
 RT: 2.41 min Scan# 28  
 Delta R.T. 0.11 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.6  | 57.8  | 86.8  |
| 43      | 34.0  | 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

Pyridine

Concen: 13.82 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.14 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

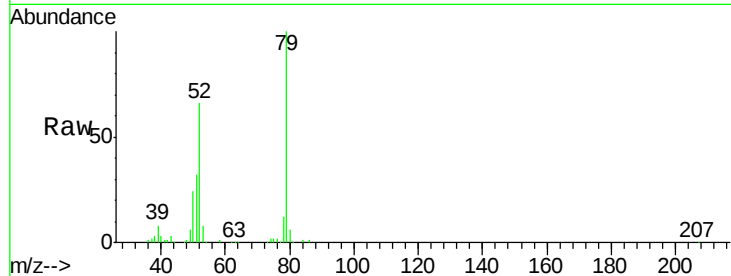
Tgt Ion: 79 Resp: 361021

Ion Ratio Lower Upper

79 100

52 66.4 57.1 85.7

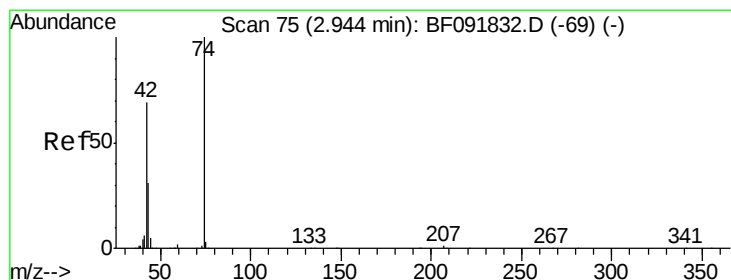
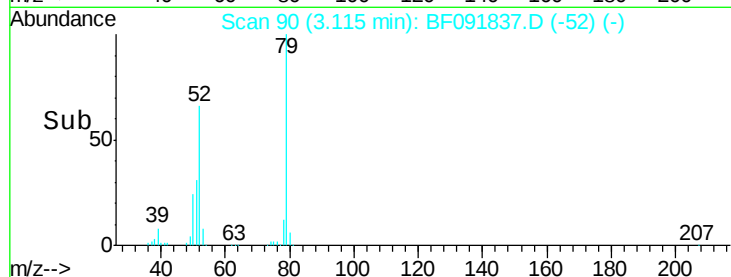
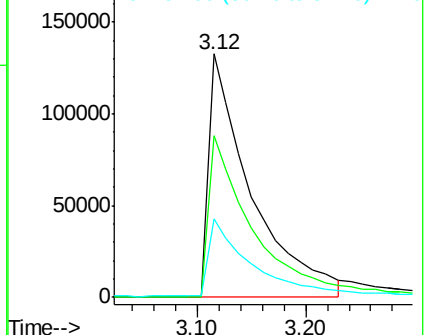
51 32.0 27.3 40.9



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: 16.42 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.08 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

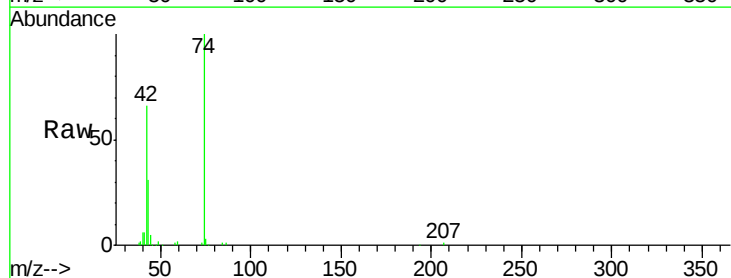
Tgt Ion: 42 Resp: 161792

Ion Ratio Lower Upper

42 100

74 150.5 117.0 175.4

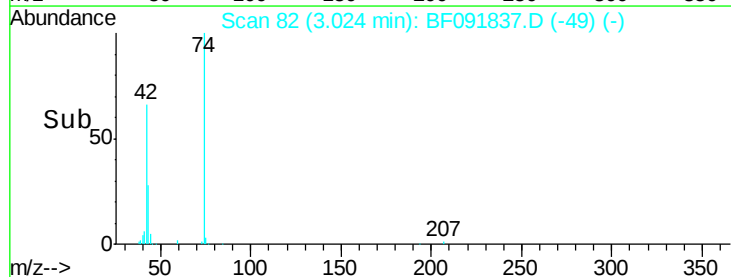
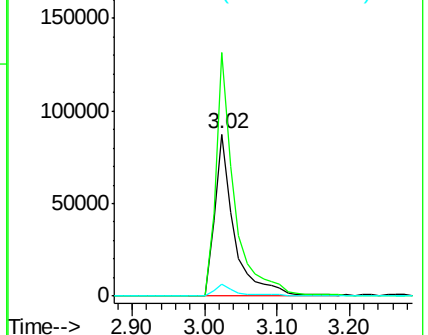
44 7.4 5.5 8.3

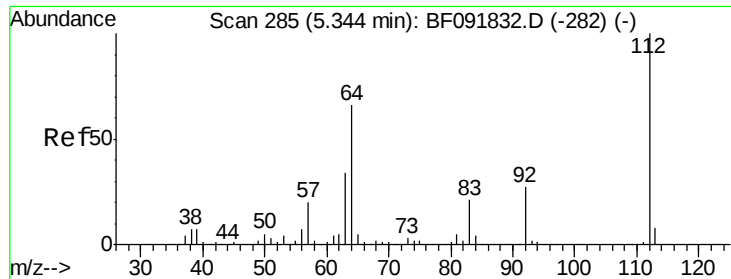


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 168.54 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

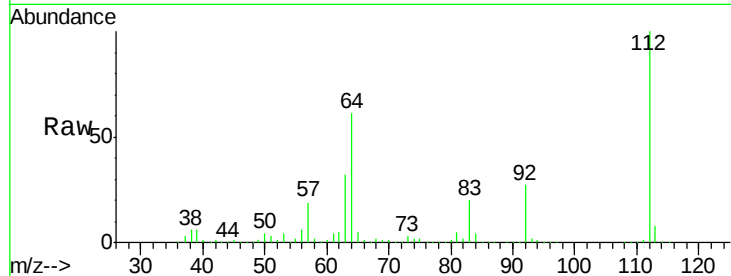
Tgt Ion: 112 Resp: 2562392

Ion Ratio Lower Upper

112 100

64 61.4 46.1 69.1

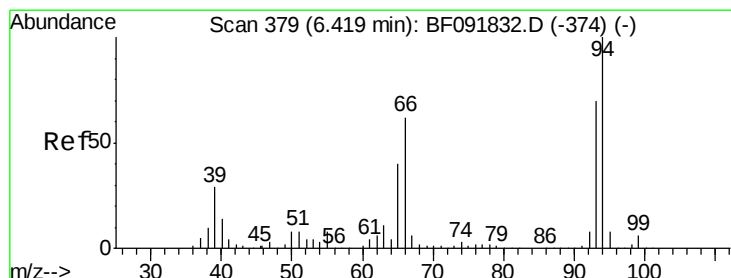
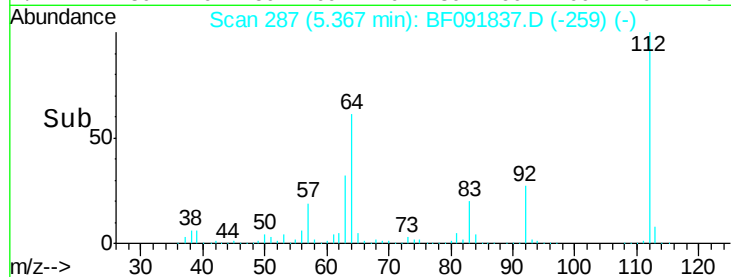
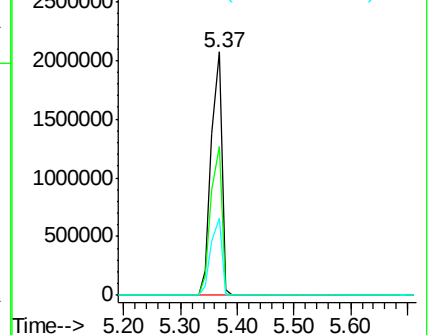
63 31.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.62 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

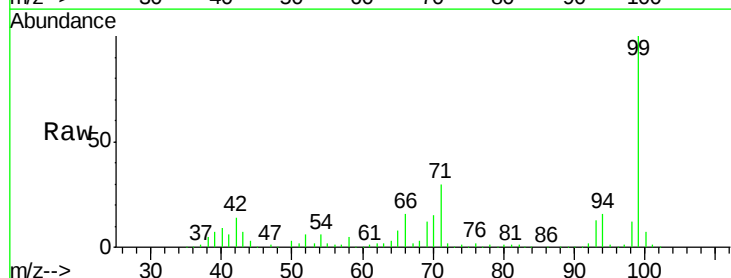
Tgt Ion: 93 Resp: 232037

Ion Ratio Lower Upper

93 100

66 119.3 76.2 114.2#

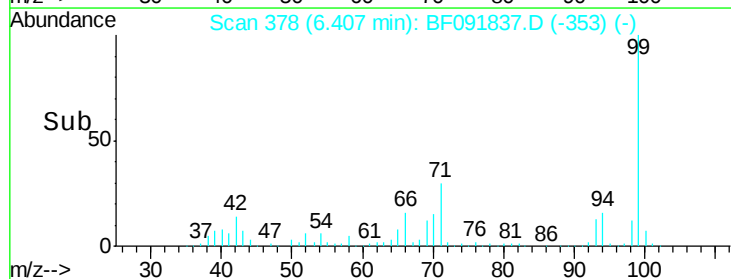
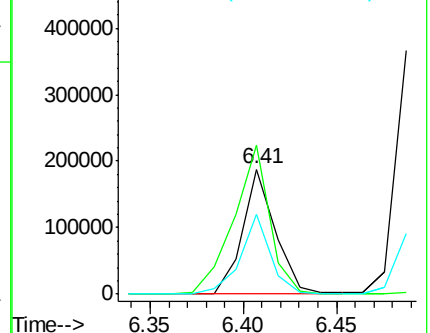
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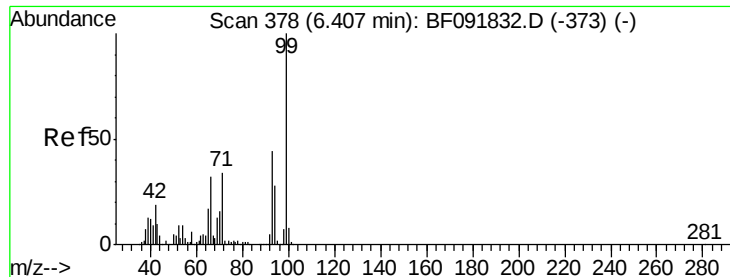


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.52 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

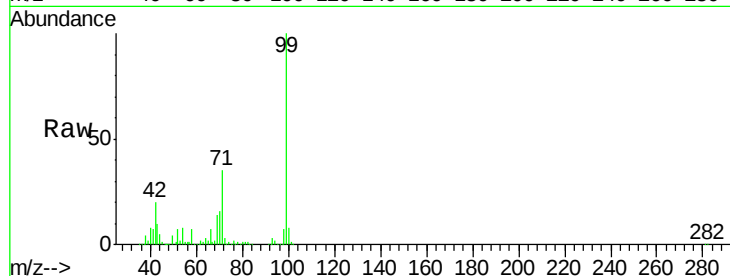
Tgt Ion: 99 Resp: 2775489

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

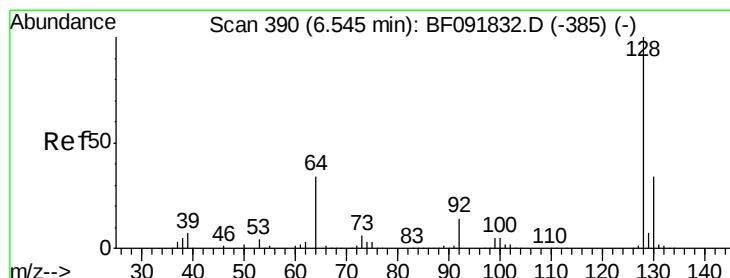
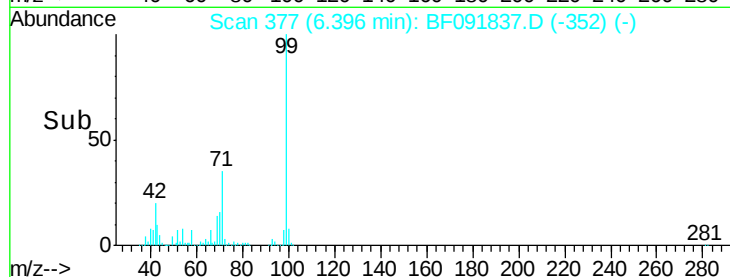
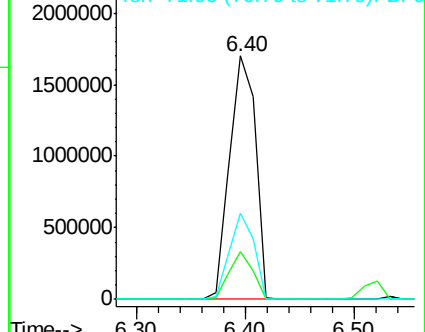
71 35.4 27.5 41.3



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: 17.94 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

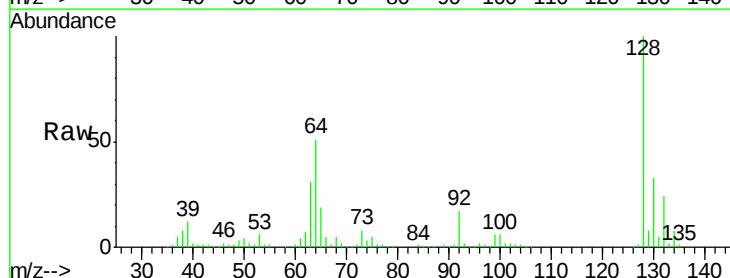
Tgt Ion: 128 Resp: 310233

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

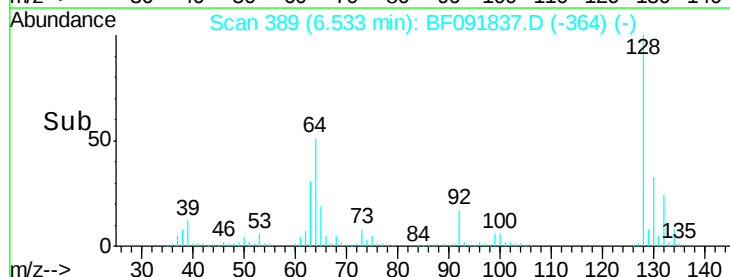
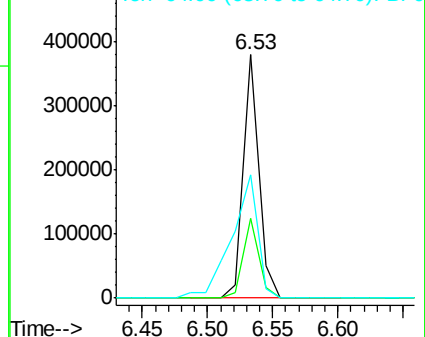
64 50.7 32.2 72.2

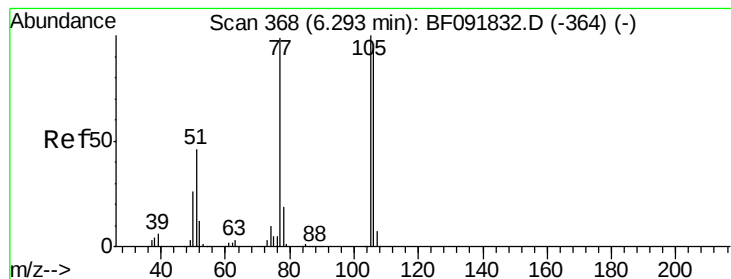


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.96 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

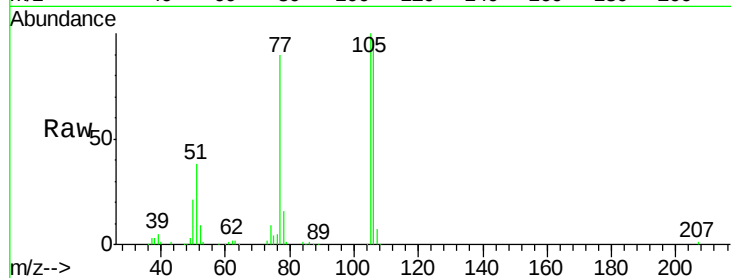
Tgt Ion: 77 Resp: 183979

Ion Ratio Lower Upper

77 100

105 111.3 83.9 123.9

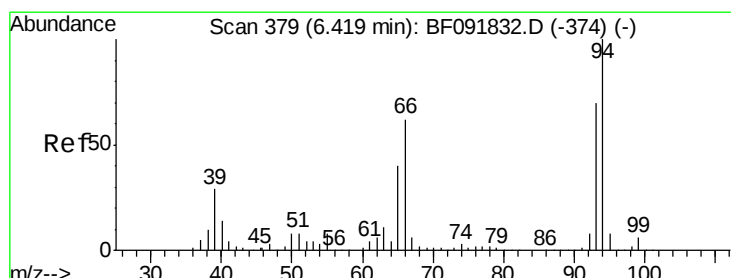
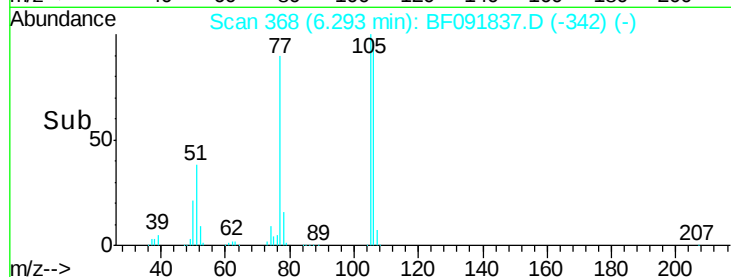
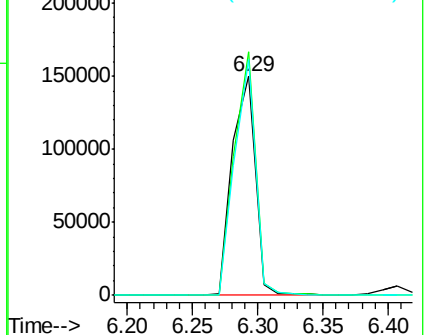
106 107.6 77.6 117.6



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: 11.56 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

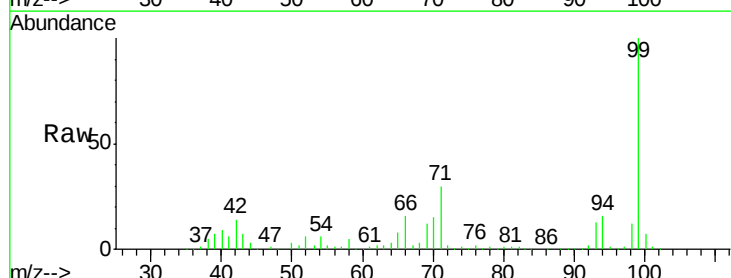
Tgt Ion: 94 Resp: 244522

Ion Ratio Lower Upper

94 100

65 51.8 21.4 61.4

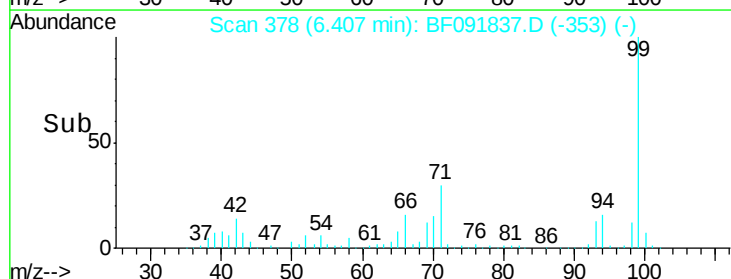
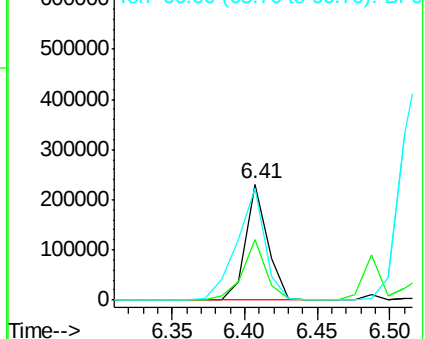
66 96.9 44.0 84.0#



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: 17.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

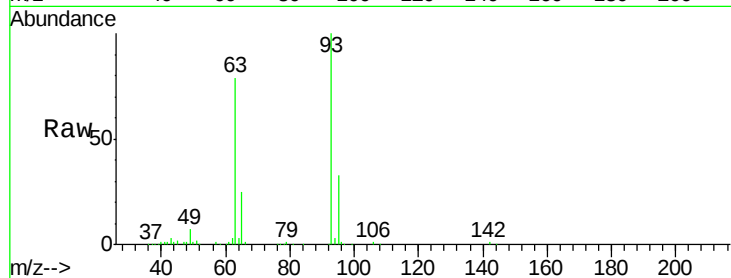
Tgt Ion: 93 Resp: 290904

Ion Ratio Lower Upper

93 100

63 78.7 60.4 100.4

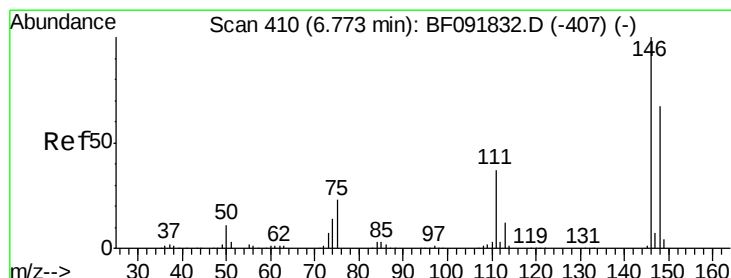
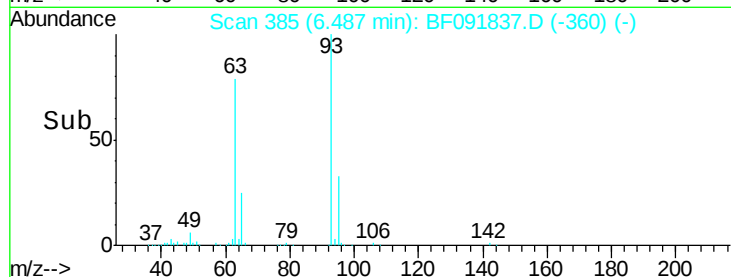
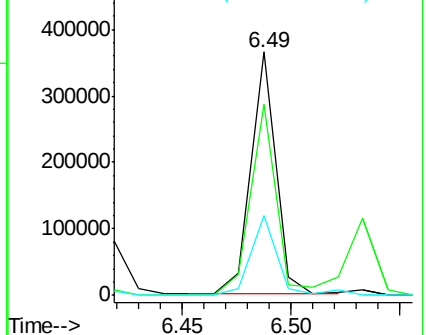
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 14.32 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

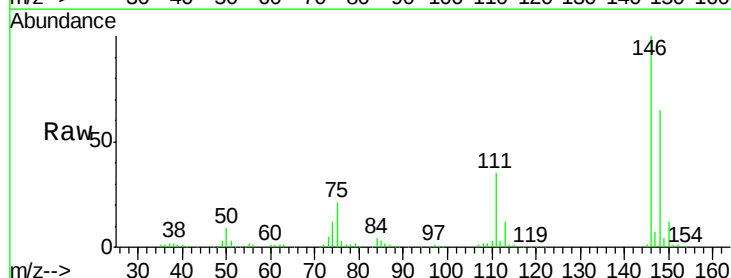
Tgt Ion: 146 Resp: 264468

Ion Ratio Lower Upper

146 100

148 64.7 53.4 80.0

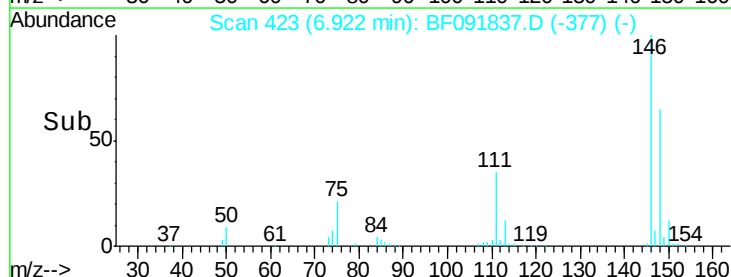
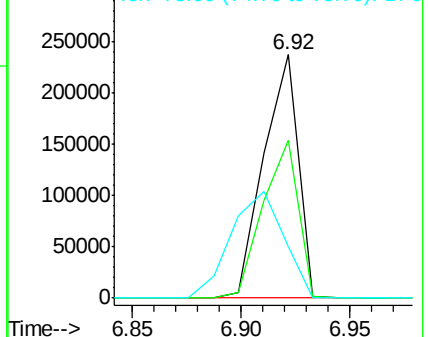
75 21.4 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 17.09 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

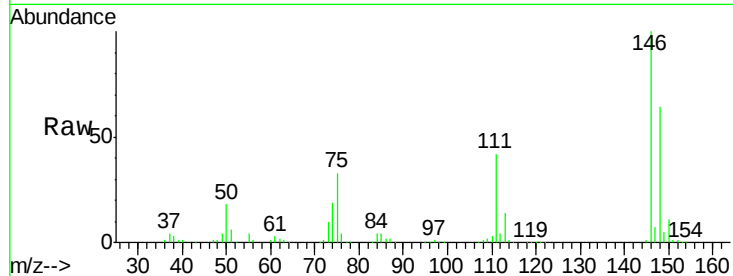
Tgt Ion:146 Resp: 321104

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

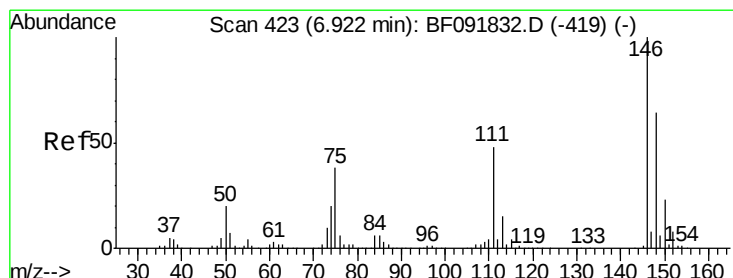
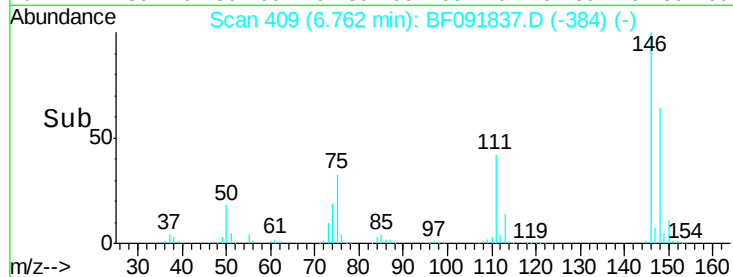
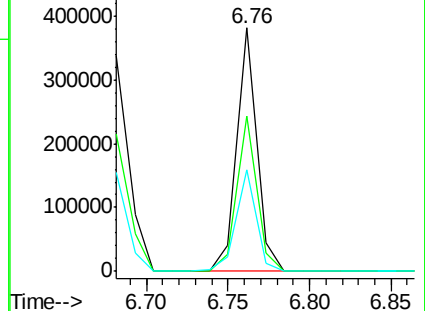
111 41.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 19.69 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.16 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

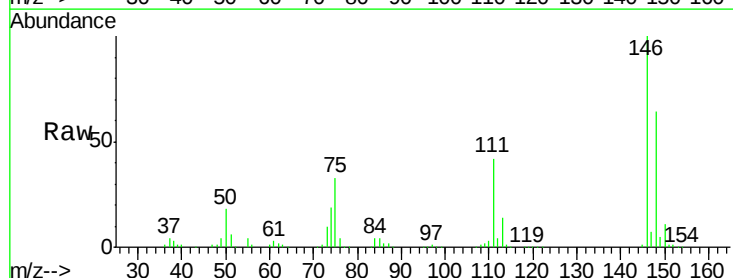
Tgt Ion:146 Resp: 321104

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

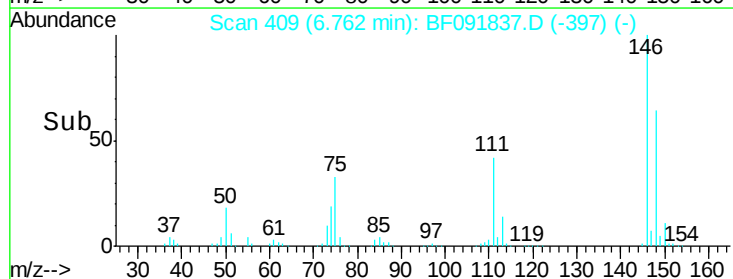
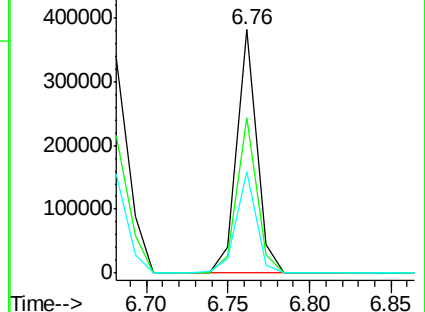
111 41.8 36.2 54.2

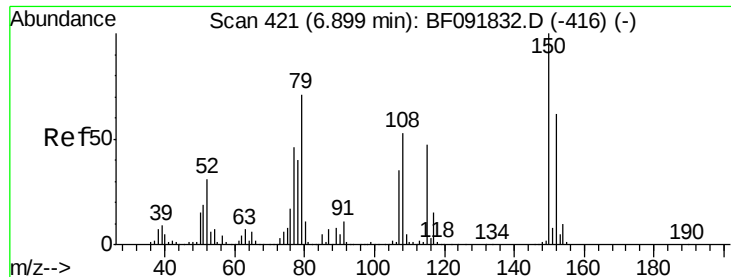


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 17.85 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

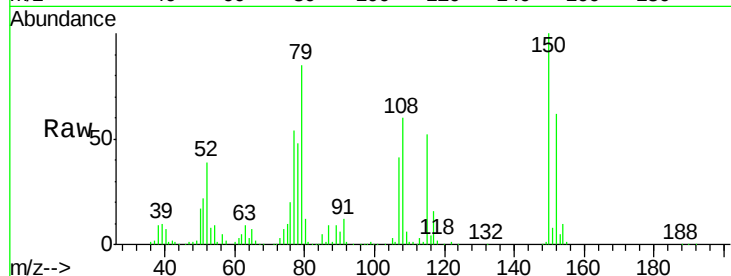
Tgt Ion: 79 Resp: 257434

Ion Ratio Lower Upper

79 100

108 70.8 61.4 92.0

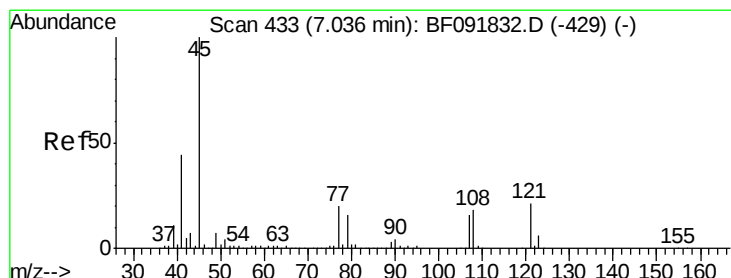
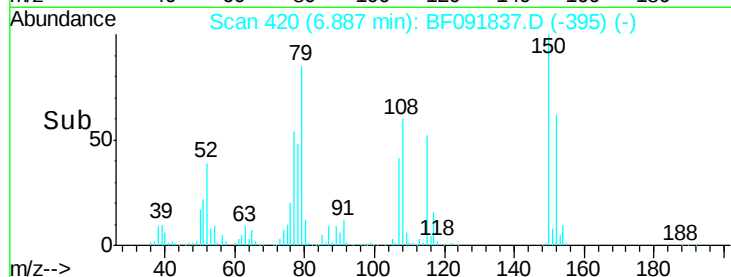
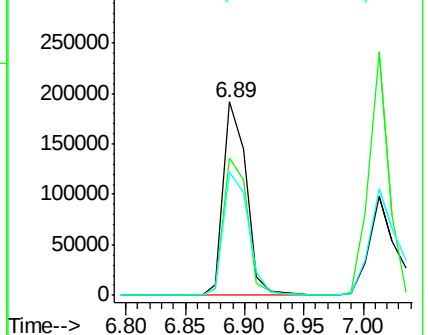
77 63.8 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.65 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

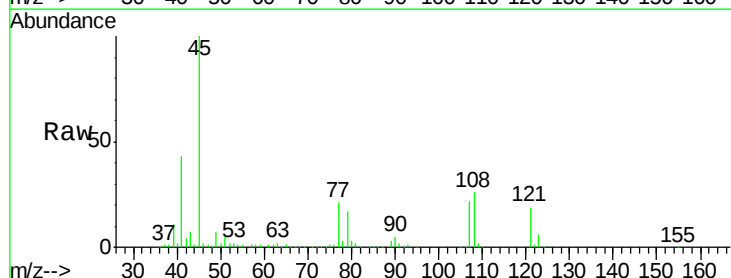
Tgt Ion: 45 Resp: 442431

Ion Ratio Lower Upper

45 100

77 21.2 0.0 34.6

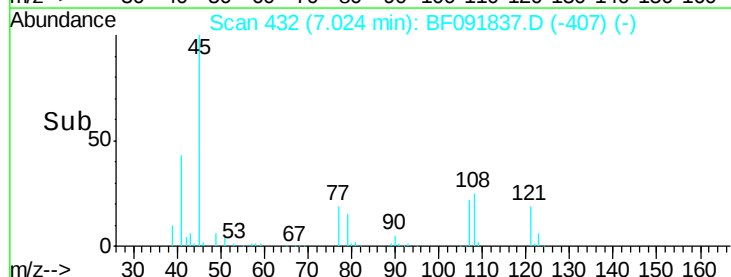
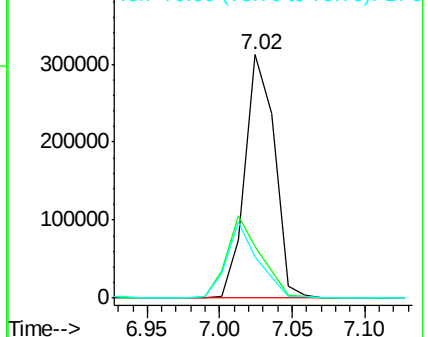
79 17.1 0.0 31.2

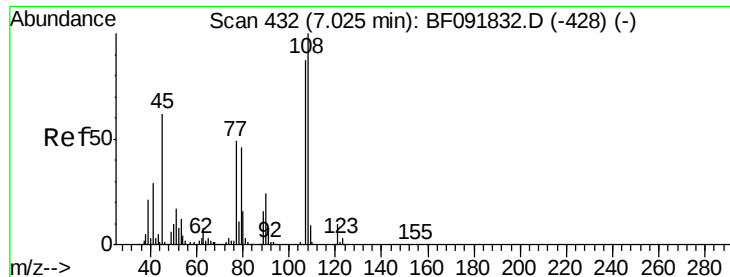


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

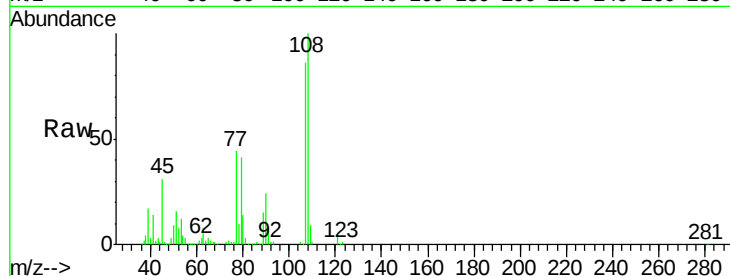
Ion 79.00 (78.70 to 79.70): BF0



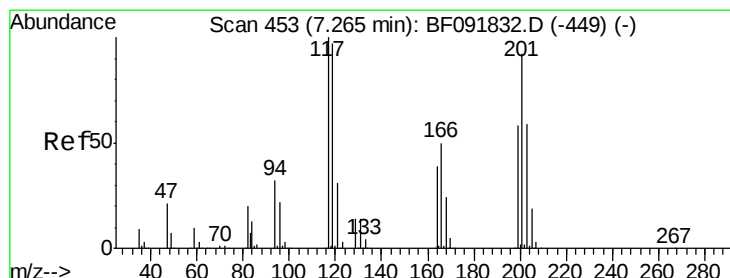
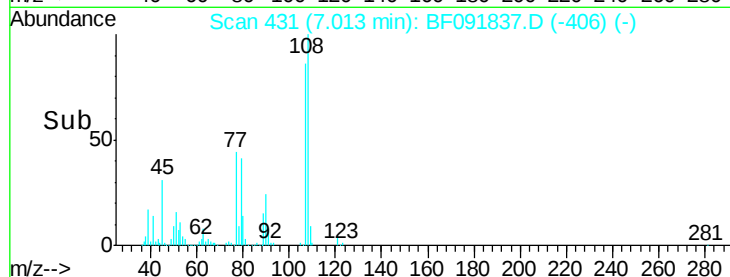
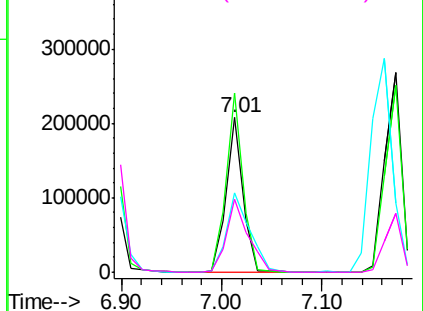


#17  
2-Methylphenol  
Concen: 17.54 ng  
RT: 7.01 min Scan# 431  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 243980 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.1 | 93.0  | 139.6  |
| 77       | 51.1  | 39.8  | 59.8   |
| 79       | 47.3  | 38.0  | 57.0   |

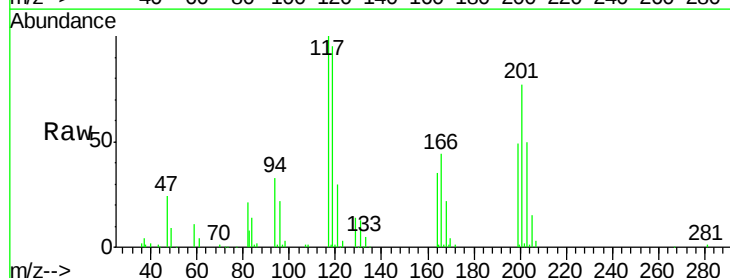


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

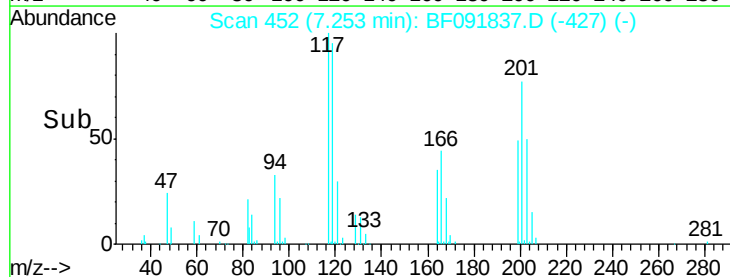
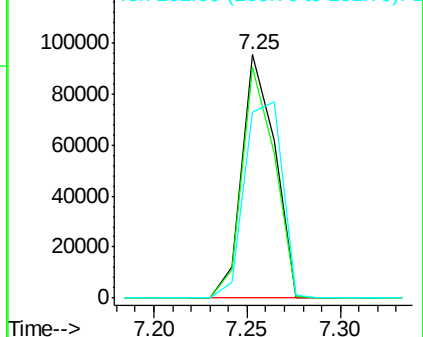


#18  
Hexachloroethane  
Concen: 16.70 ng  
RT: 7.25 min Scan# 452  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 116371 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.6  | 78.1  | 117.1  |
| 201      | 76.5  | 78.6  | 117.8# |



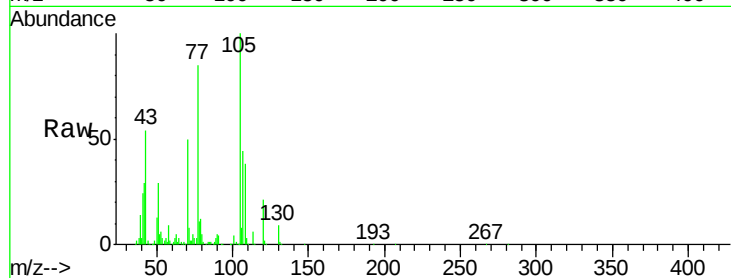
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 17.04 ng  
RT: 7.16 min Scan# 444  
Delta R.T. -0.02 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 210427 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.5  | 49.4  | 74.0   |
| 101      | 8.7   | 7.4   | 11.2   |
| 130      | 17.9  | 14.2  | 21.4   |



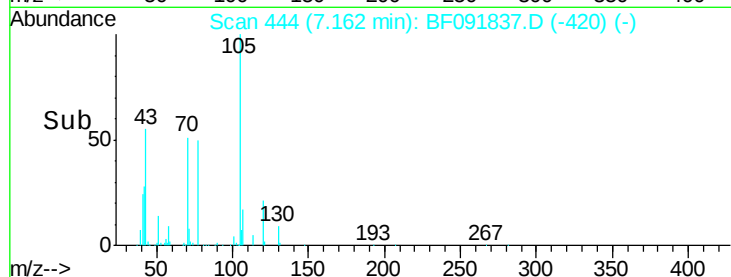
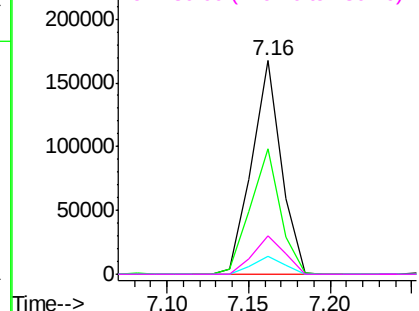
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

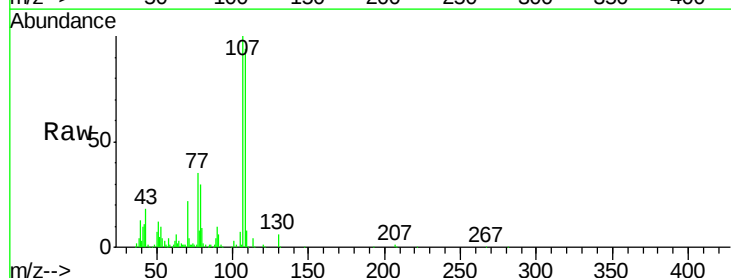
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20  
3+4-Methylphenols  
Concen: 19.43 ng  
RT: 7.17 min Scan# 445  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 322355 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.7  | 73.0  | 113.0  |
| 77       | 34.8  | 71.3  | 111.3# |
| 79       | 29.8  | 11.1  | 51.1   |



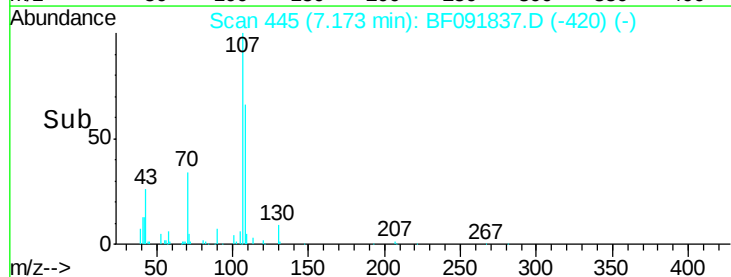
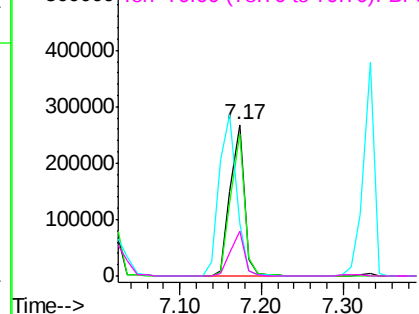
Abundance

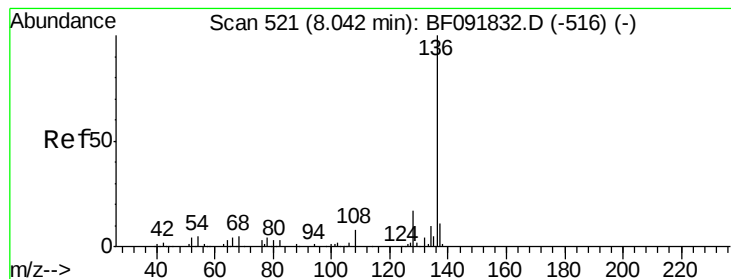
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:136 Resp: 1071105

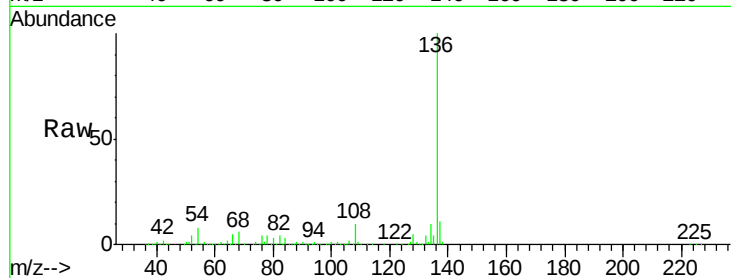
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.4 4.5 6.7#

68 6.4 3.6 5.4#

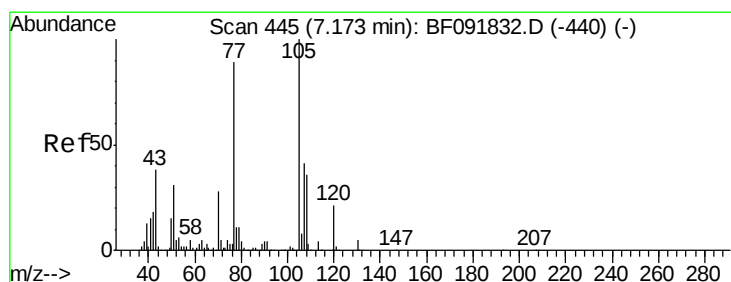
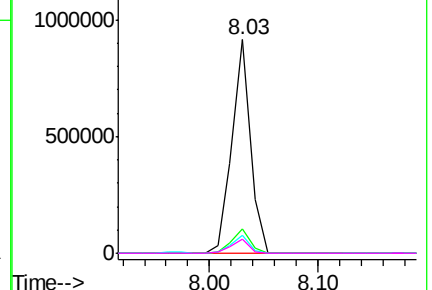
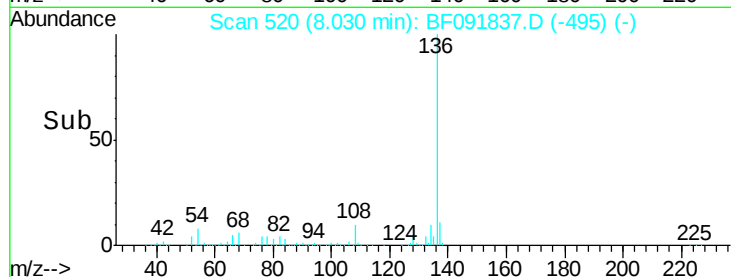


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.69 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:105 Resp: 440902

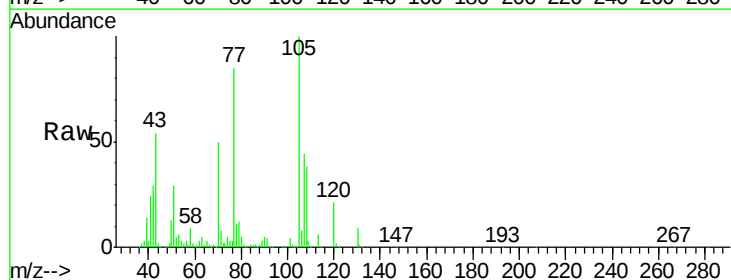
Ion Ratio Lower Upper

105 100

71 7.9 3.2 4.8#

51 28.8 26.2 39.4

120 21.1 16.6 24.8

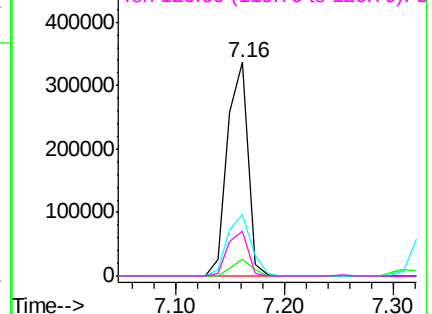
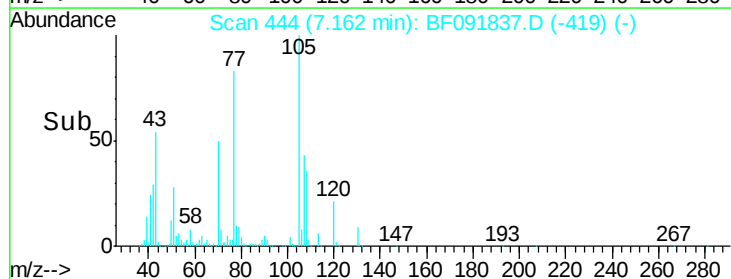


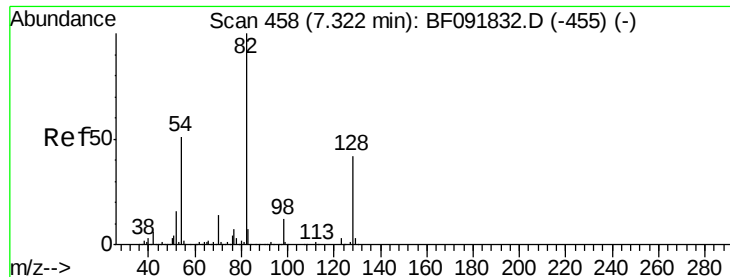
Abundance Ion 105.00 (104.70 to 105.70): E

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

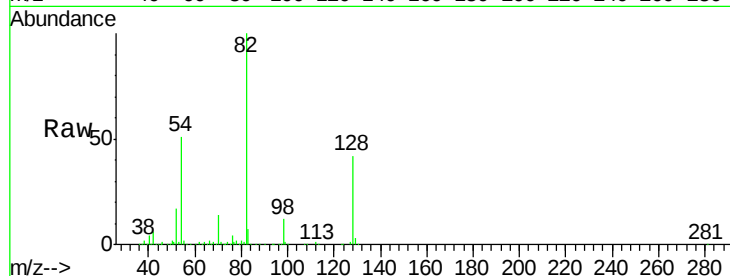




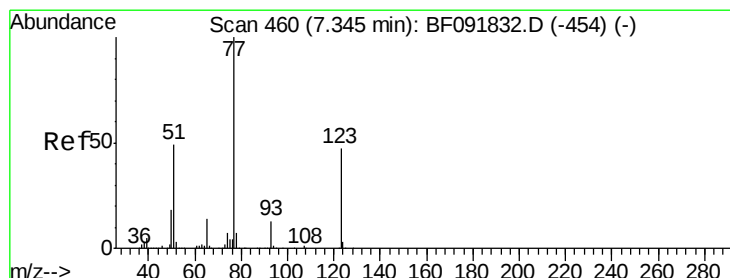
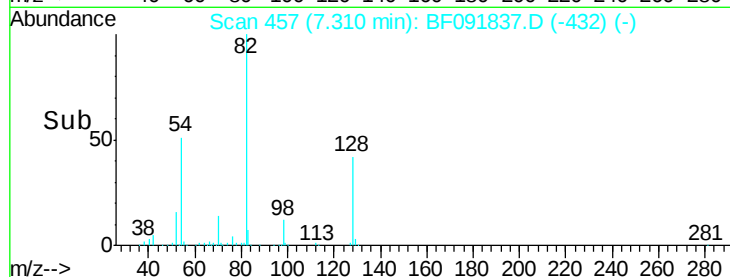
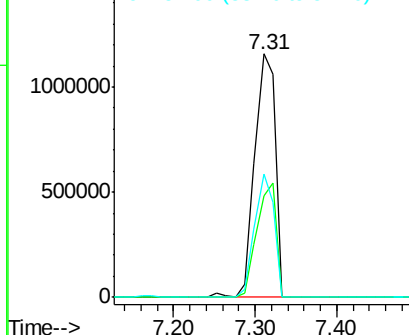
#23  
 Nitrobenzene-d5  
 Concen: 105.45 ng  
 RT: 7.31 min Scan# 457  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

Tgt Ion: 82 Resp: 2031316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.8  | 34.6  | 52.0  |
| 54  | 50.8  | 39.5  | 59.3  |



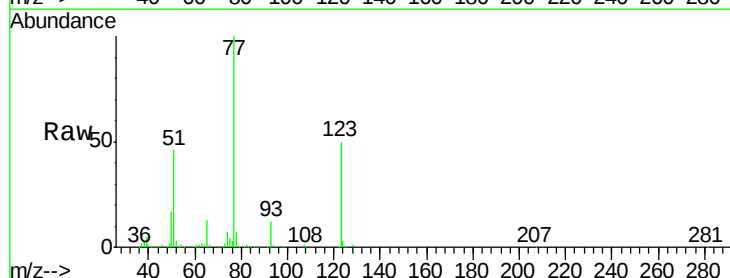
Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0



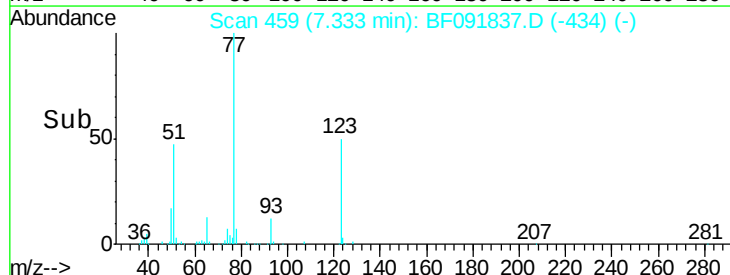
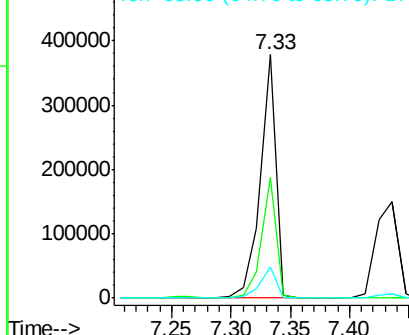
#24  
 Nitrobenzene  
 Concen: 17.07 ng  
 RT: 7.33 min Scan# 459  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

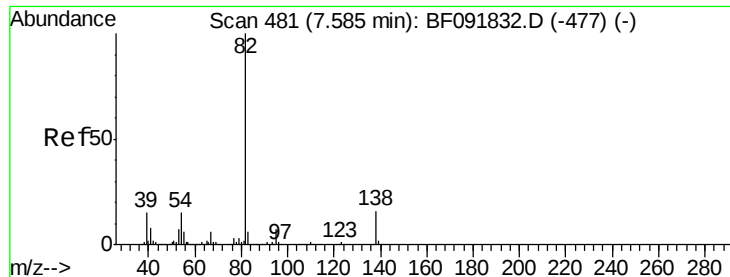
Tgt Ion: 77 Resp: 350176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.5  | 33.0  | 49.4# |
| 65  | 13.0  | 11.2  | 16.8  |



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





#25

Isophorone

Concen: 16.23 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

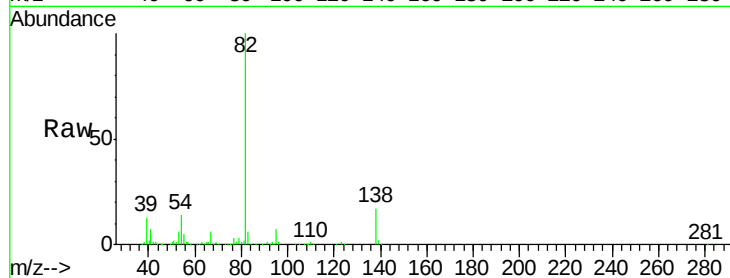
Tgt Ion: 82 Resp: 576719

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

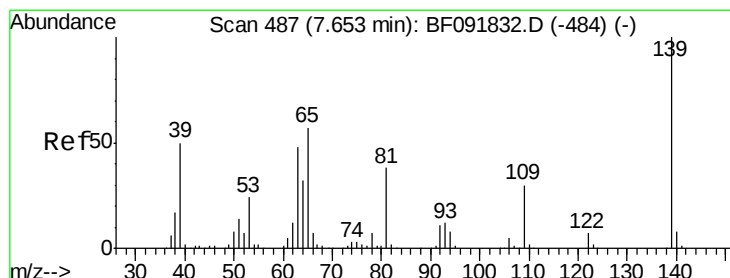
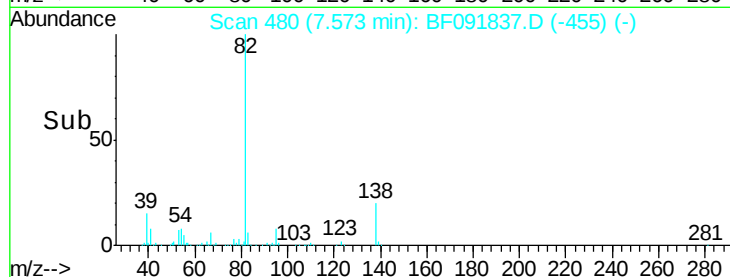
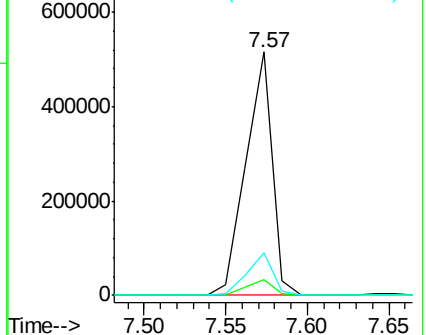
138 17.4 14.6 22.0



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: 16.38 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

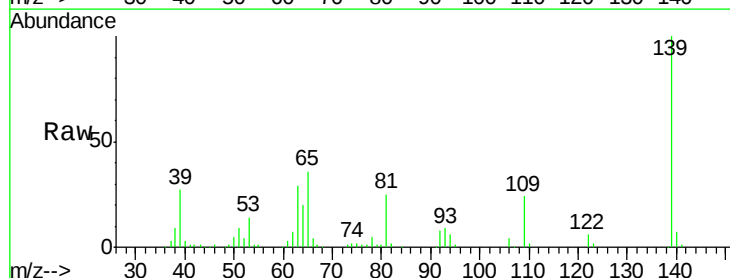
Tgt Ion: 139 Resp: 165688

Ion Ratio Lower Upper

139 100

109 23.7 23.3 34.9

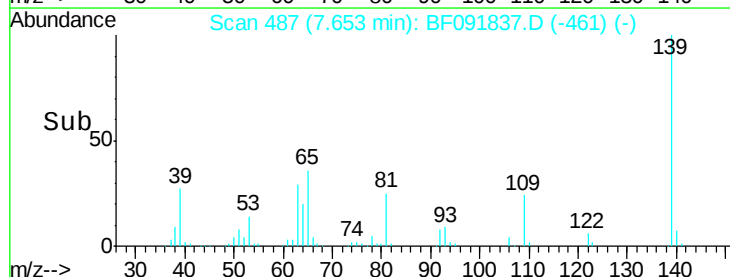
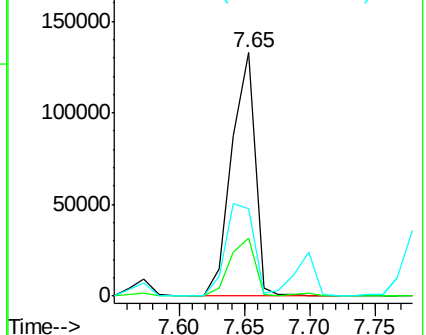
65 36.0 42.7 64.1#

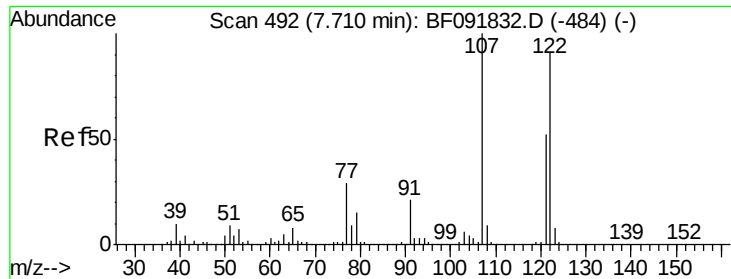


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 17.15 ng

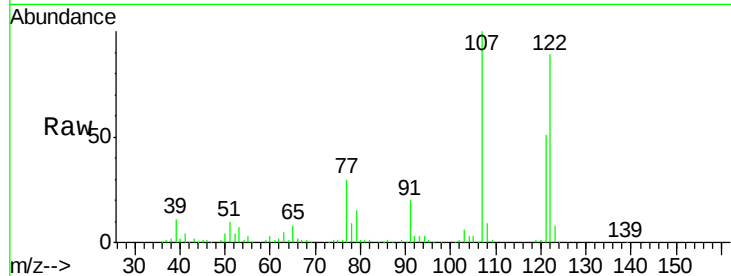
RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

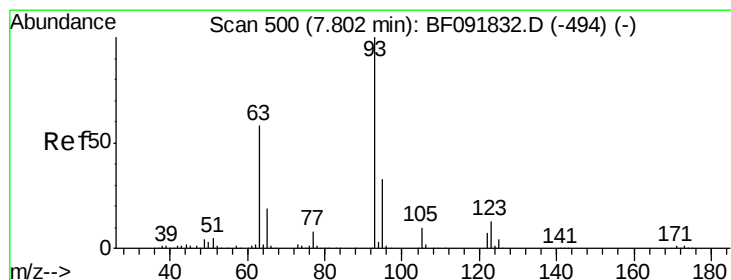
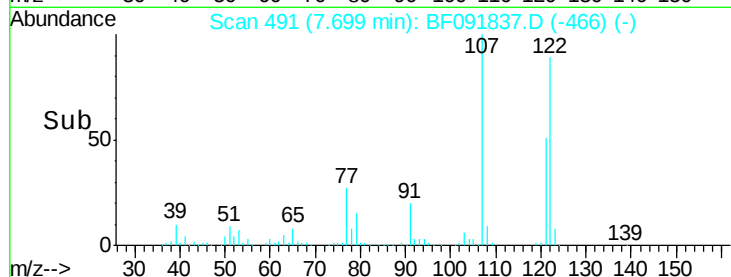
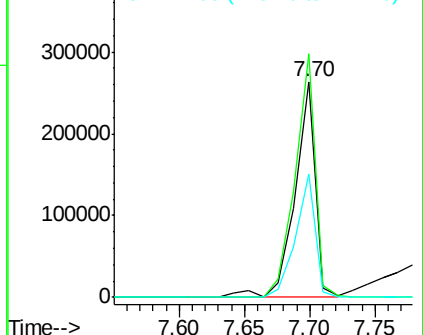
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 287736 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 112.7 | 94.1  | 141.1  |
| 121      | 57.1  | 46.0  | 69.0   |



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 16.51 ng

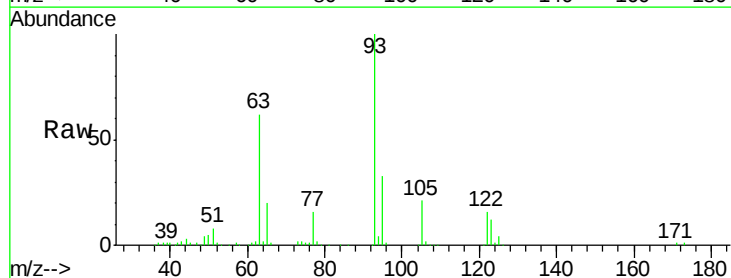
RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

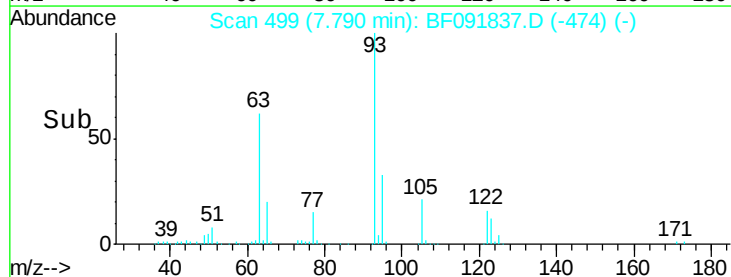
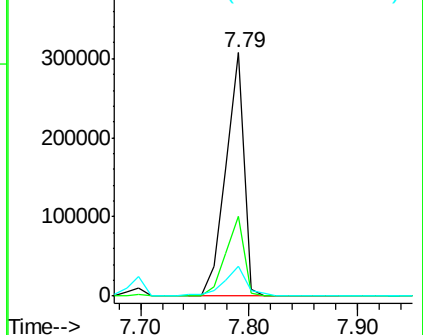
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 355875 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.8  | 26.5  | 39.7   |
| 123      | 12.4  | 8.6   | 13.0   |

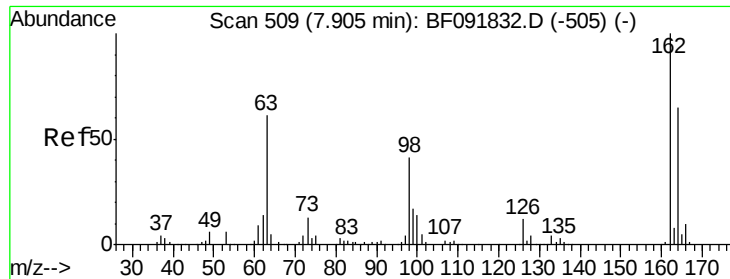


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

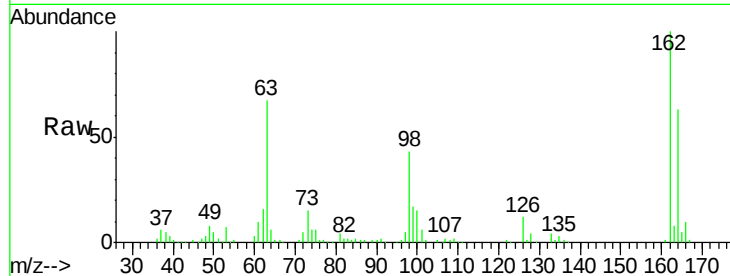
Ion 123.00 (122.70 to 123.70): E



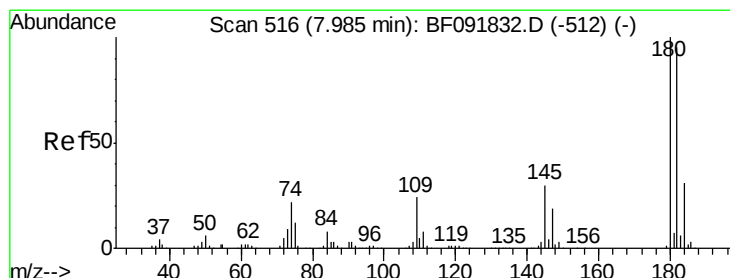
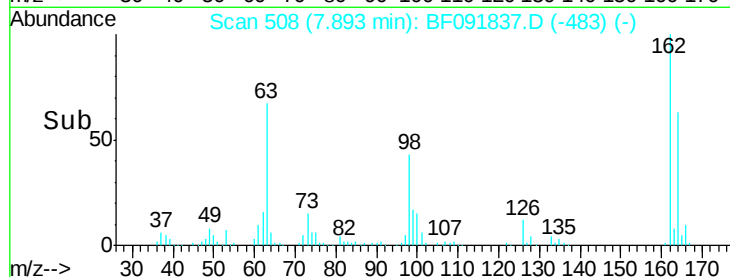
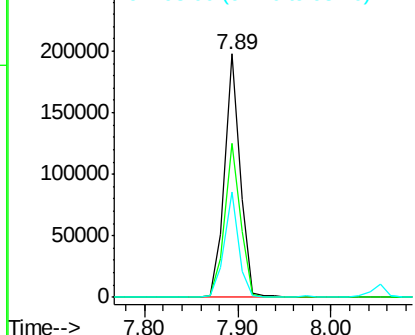


#29  
2,4-Dichlorophenol  
Concen: 16.32 ng  
RT: 7.89 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 46.8  | 86.8  |
| 98      | 43.4  | 9.1   | 49.1  |

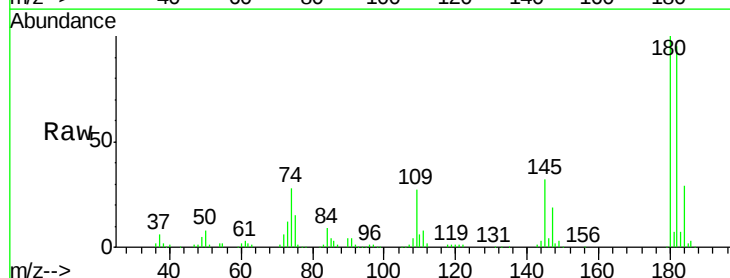


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

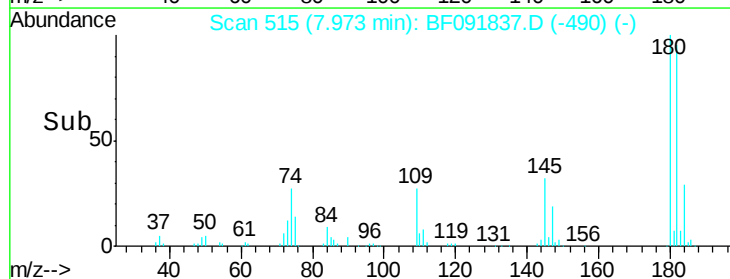
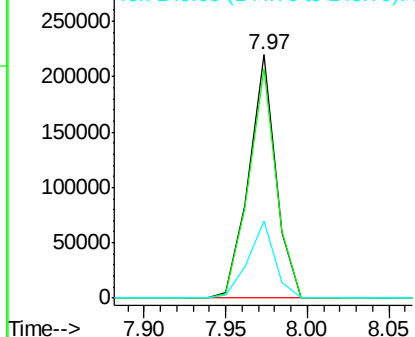


#30  
1,2,4-Trichlorobenzene  
Concen: 16.24 ng  
RT: 7.97 min Scan# 515  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 78.2  | 117.4 |
| 145     | 31.7  | 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: 17.70 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

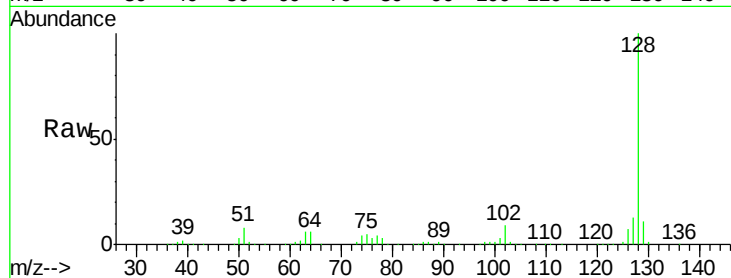
Tgt Ion:128 Resp: 867843

Ion Ratio Lower Upper

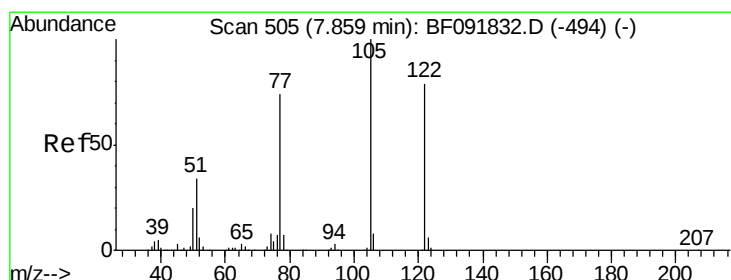
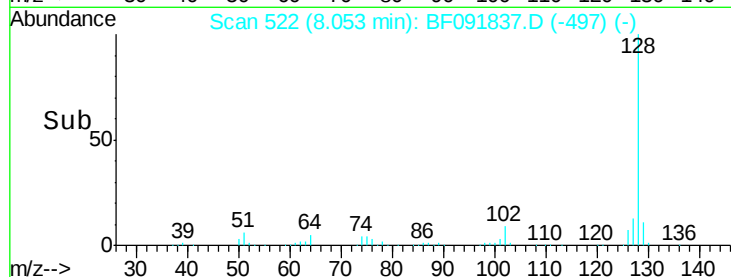
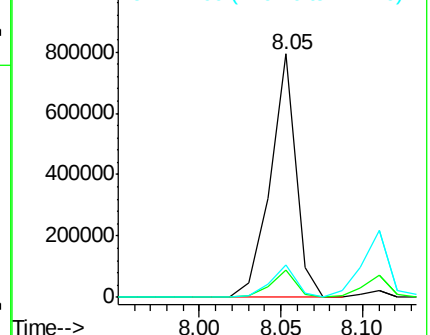
128 100

129 11.3 9.5 14.3

127 13.2 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: 15.43 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.06 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

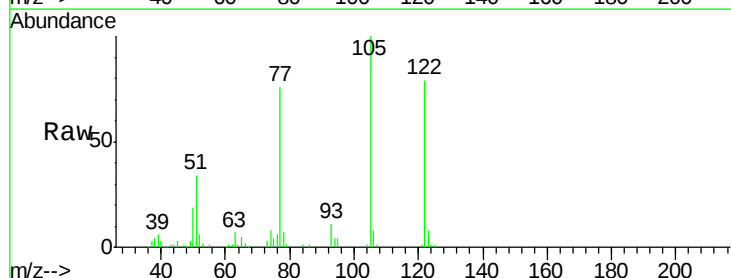
Tgt Ion:122 Resp: 191986

Ion Ratio Lower Upper

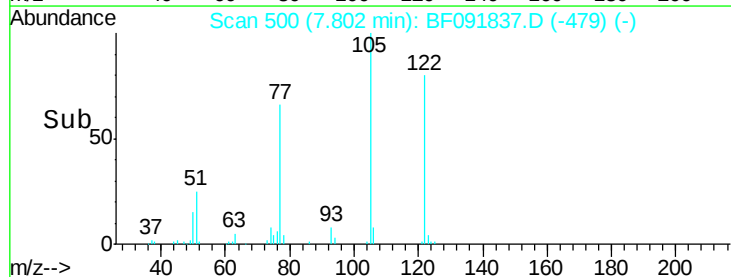
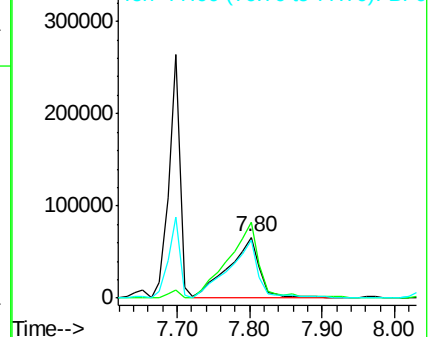
122 100

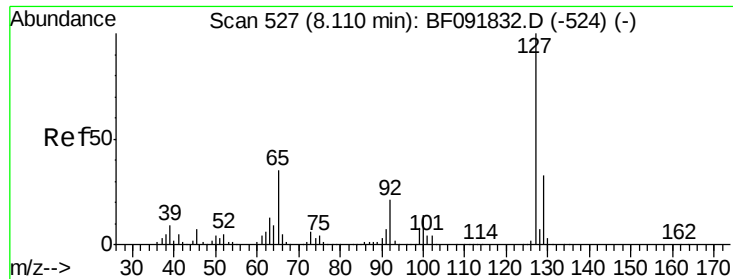
105 126.1 107.2 147.2

77 95.3 74.5 114.5



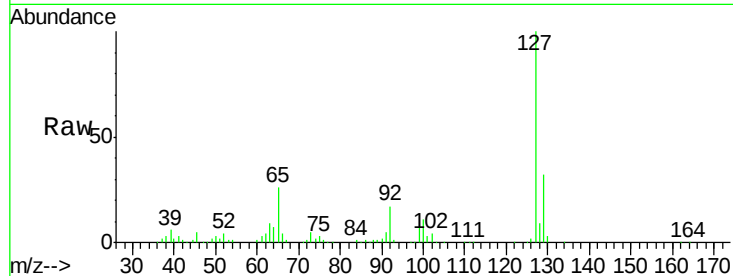
Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0



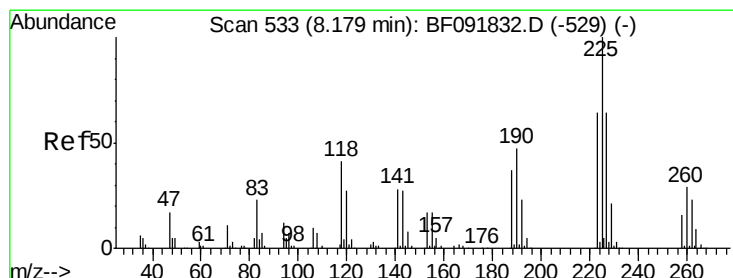
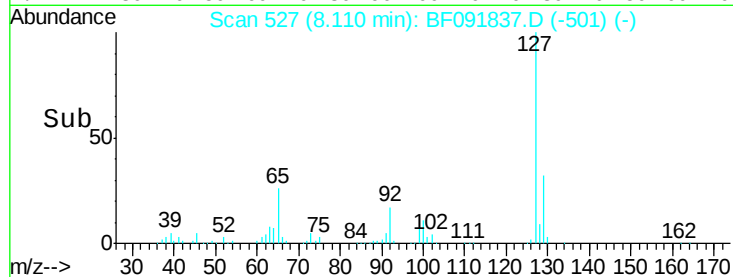
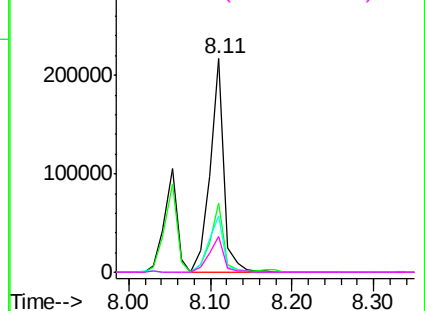


#33  
4-Chloroaniline  
Concen: 11.70 ng  
RT: 8.11 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 258654 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.3  | 39.5   |
| 65       | 26.1  | 25.8  | 38.8   |
| 92       | 16.6  | 16.1  | 24.1   |

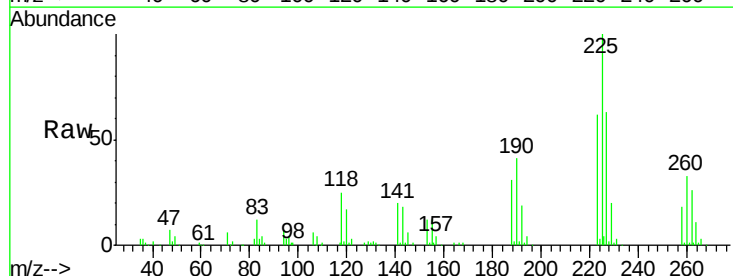


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

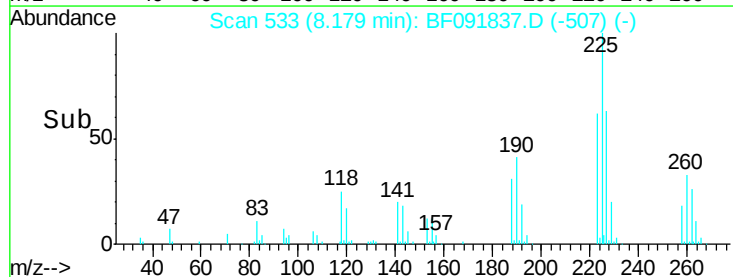
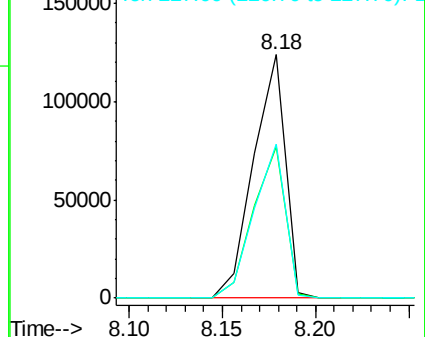


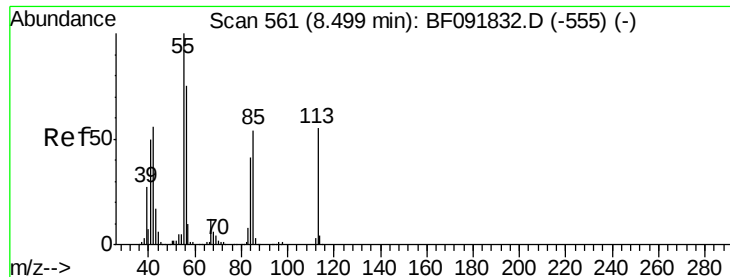
#34  
Hexachlorobutadiene  
Concen: 17.81 ng  
RT: 8.18 min Scan# 533  
Delta R.T. -0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 146347 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 51.0  | 76.6   |
| 227      | 63.5  | 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: 16.67 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

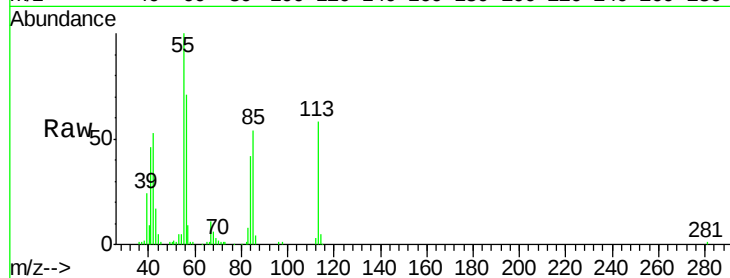
Tgt Ion:113 Resp: 77821

Ion Ratio Lower Upper

113 100

55 171.3 119.2 159.2#

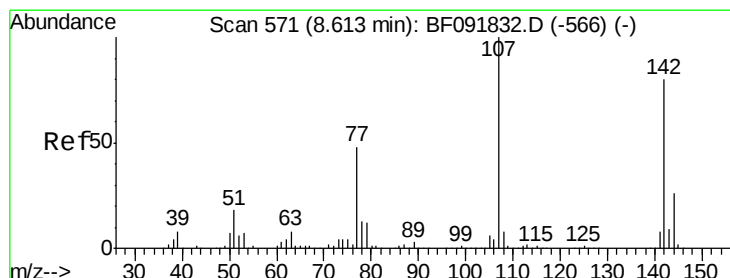
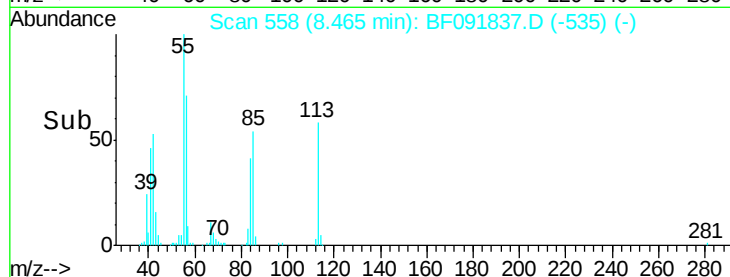
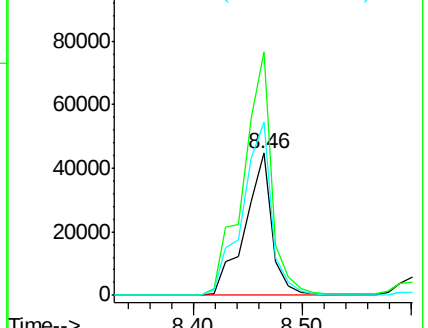
56 121.7 83.8 123.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 16.88 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

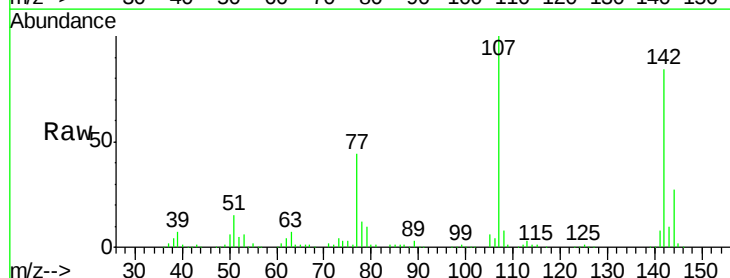
Tgt Ion:107 Resp: 276032

Ion Ratio Lower Upper

107 100

144 27.0 19.3 28.9

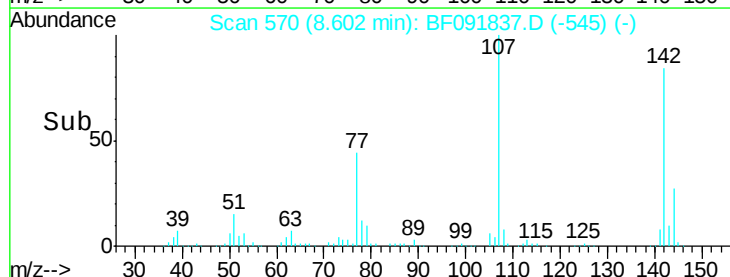
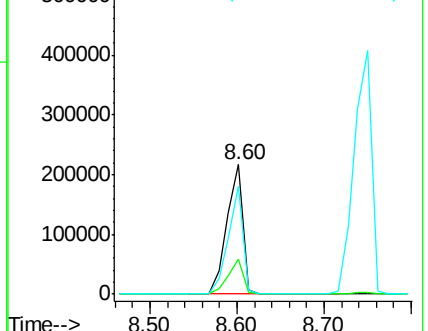
142 83.9 59.0 88.6

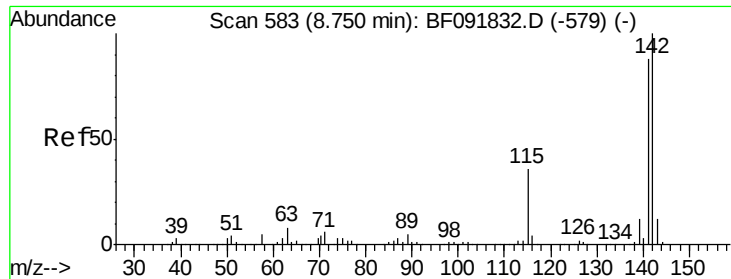


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

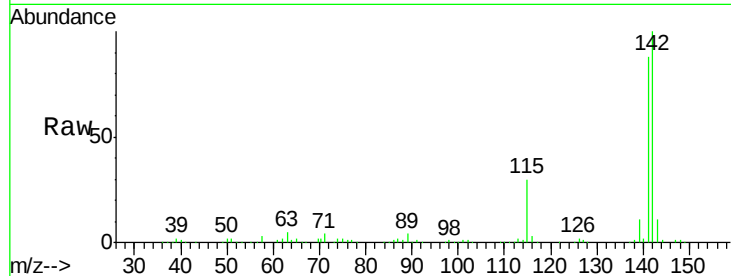
Ion 142.00 (141.70 to 142.70): E



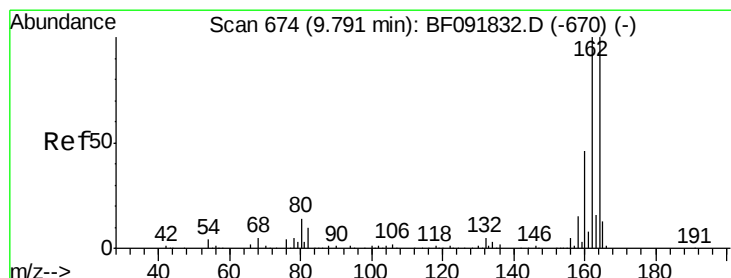
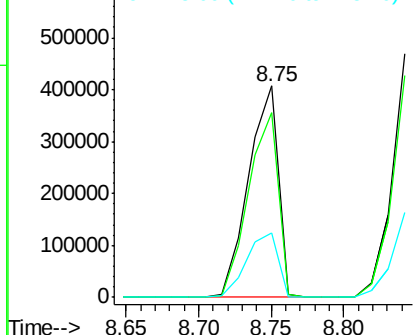
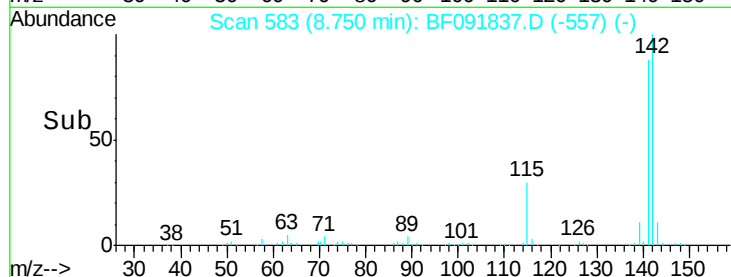


#37  
 2-Methylnaphthalene  
 Concen: 15.57 ng  
 RT: 8.75 min Scan# 583  
 Delta R.T. 0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.6  | 71.0  | 106.6 |
| 115     | 30.2  | 28.3  | 42.5  |

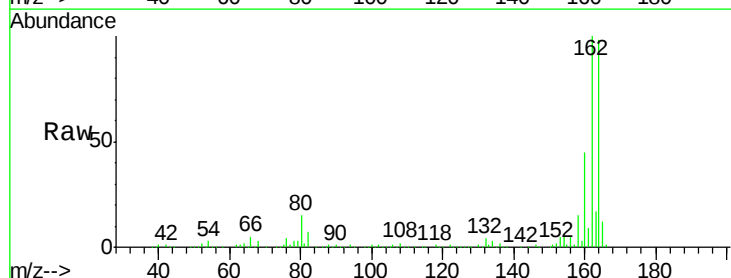


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

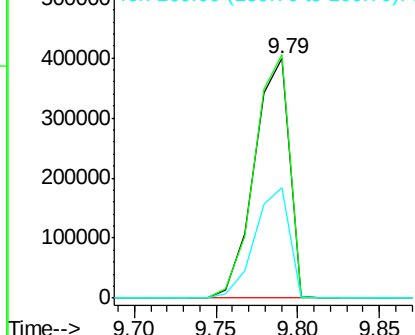
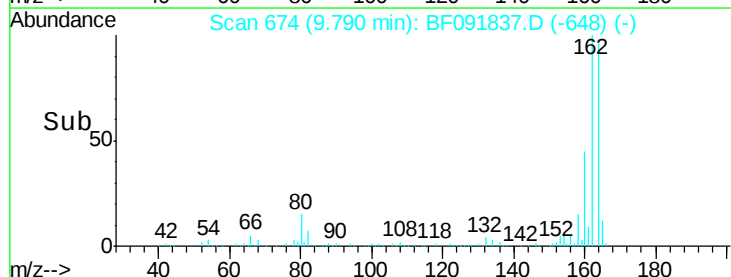


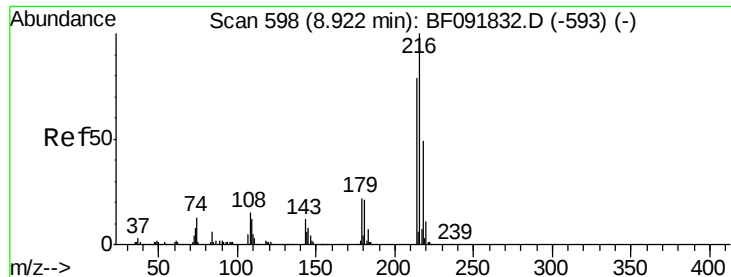
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.79 min Scan# 674  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.6 | 80.2  | 120.2 |
| 160     | 45.9  | 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: 16.12 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:216 Resp: 241601

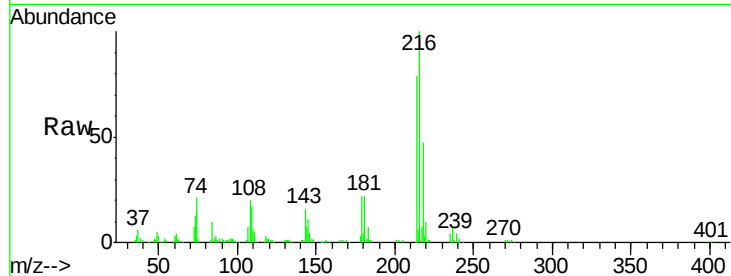
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.0

179 21.6 17.4 26.2

108 20.0 15.6 23.4

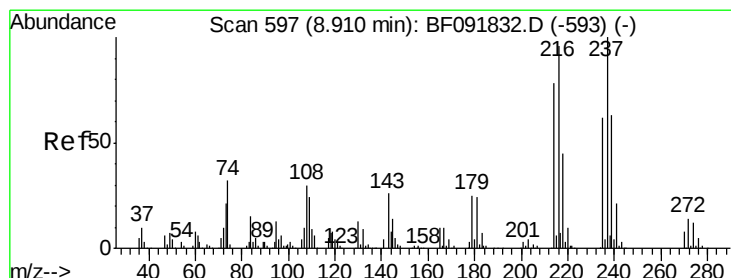
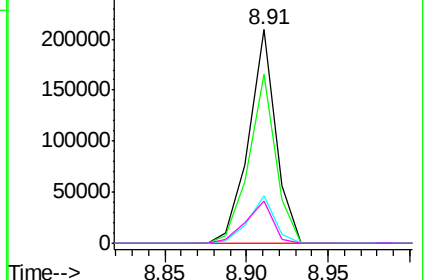
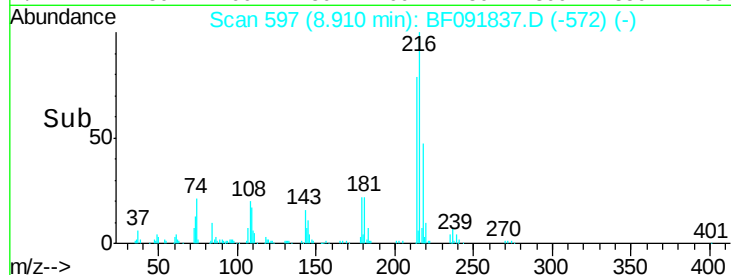


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.84 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

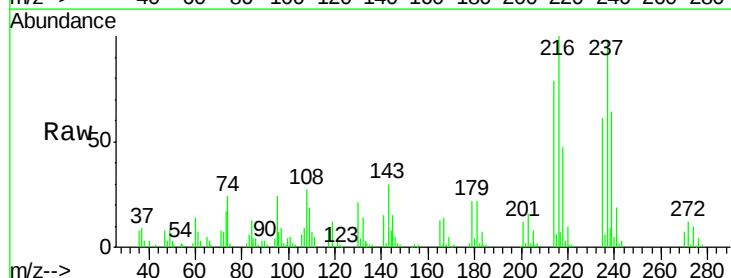
Tgt Ion:237 Resp: 76278

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

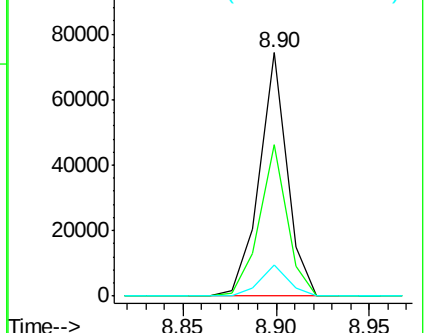
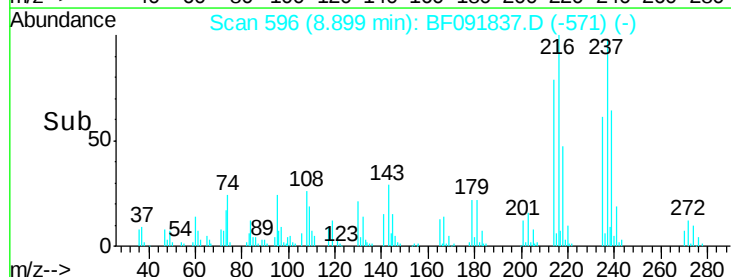
272 12.6 0.0 35.4

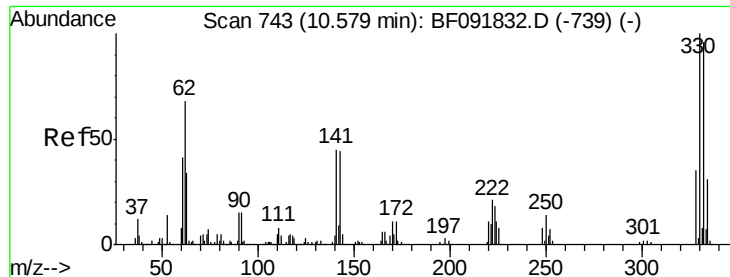


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

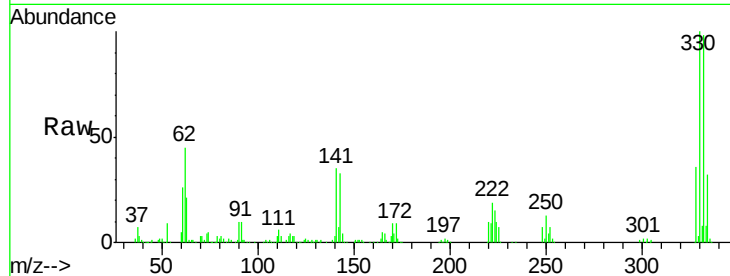
Ion 271.75 (271.45 to 272.45): E



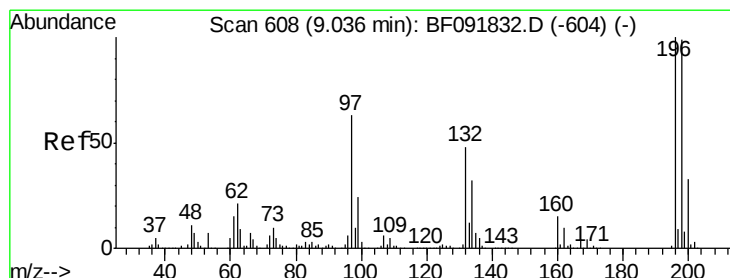
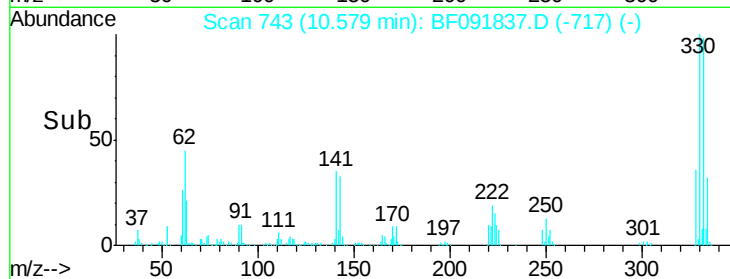
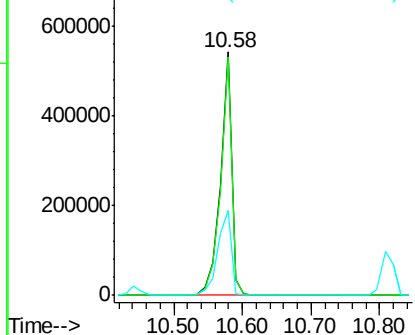


#41  
 2,4,6-Tribromophenol  
 Concen: 128.64 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.2  | 77.4  | 116.2 |
| 141     | 41.5  | 34.1  | 51.1  |

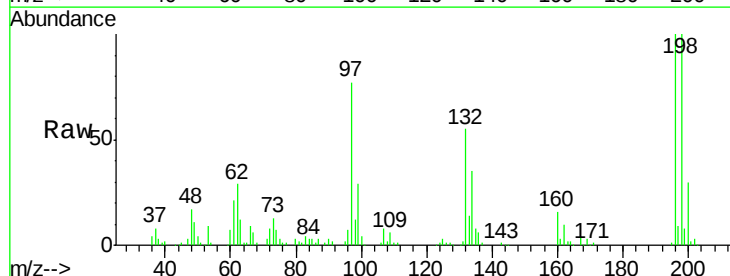


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

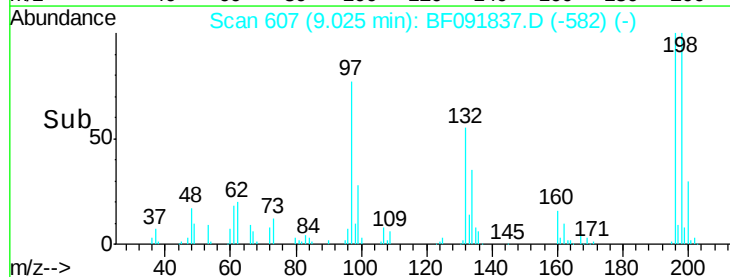
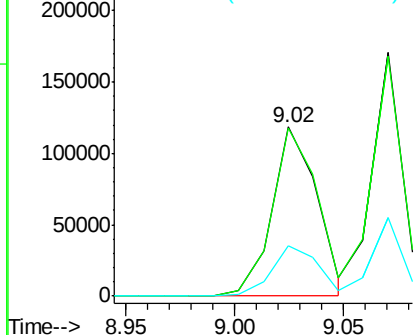


#42  
 2,4,6-Trichlorophenol  
 Concen: 16.38 ng  
 RT: 9.02 min Scan# 607  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.6  | 82.1  | 123.1 |
| 200     | 29.9  | 27.0  | 40.4  |



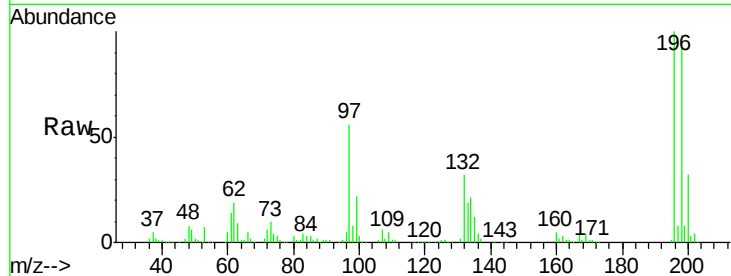
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#43  
2,4,5-Trichlorophenol  
Concen: 15.56 ng  
RT: 9.07 min Scan# 611  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.4  | 79.4  | 119.2 |
| 97      | 55.8  | 51.5  | 77.3  |
| 132     | 32.3  | 27.4  | 41.2  |



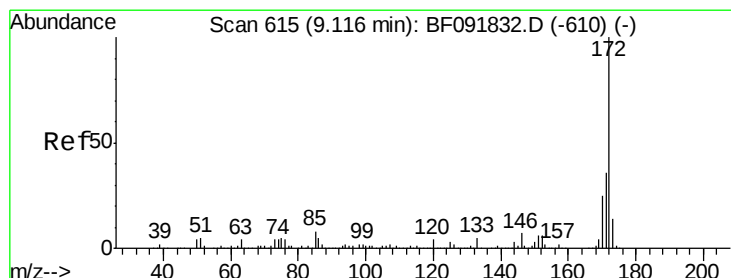
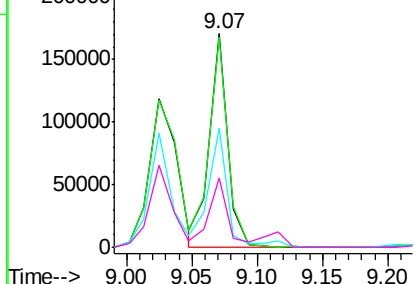
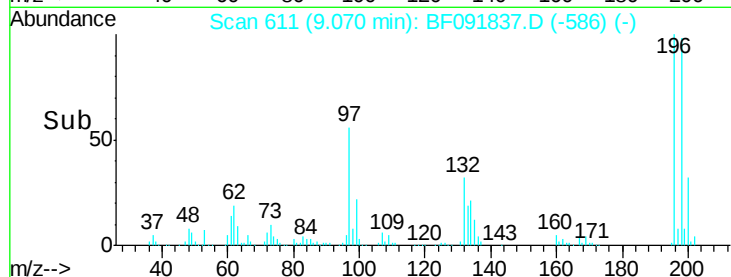
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

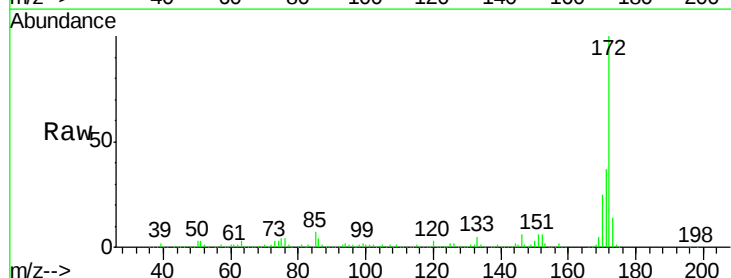
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 116.10 ng  
RT: 9.12 min Scan# 615  
Delta R.T. 0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 29.4  | 44.0  |
| 170     | 25.2  | 20.2  | 30.4  |

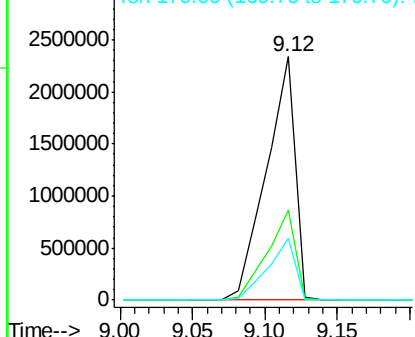
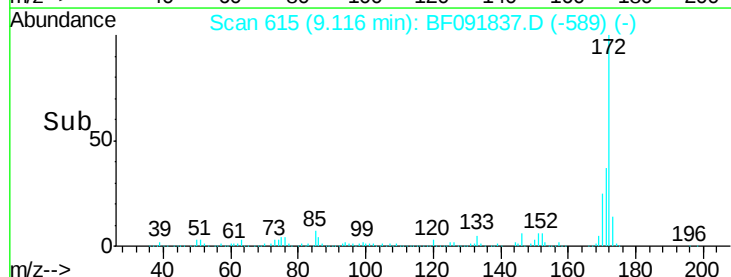


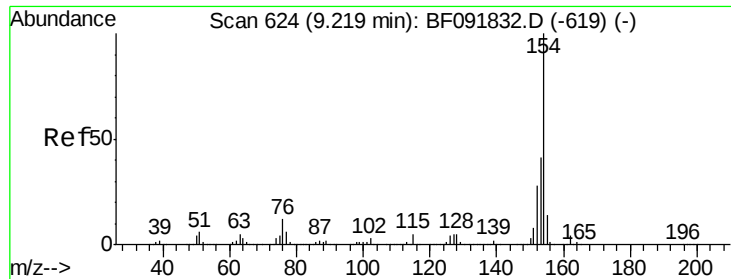
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

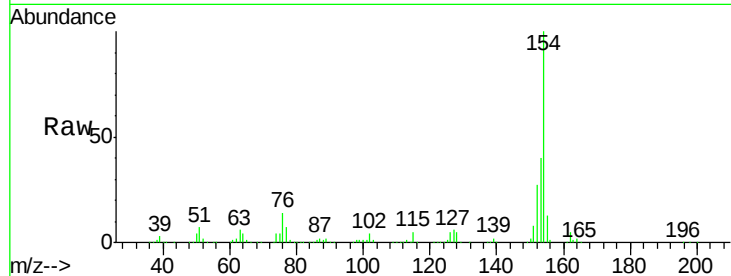
Ion 170.00 (169.70 to 170.70): E



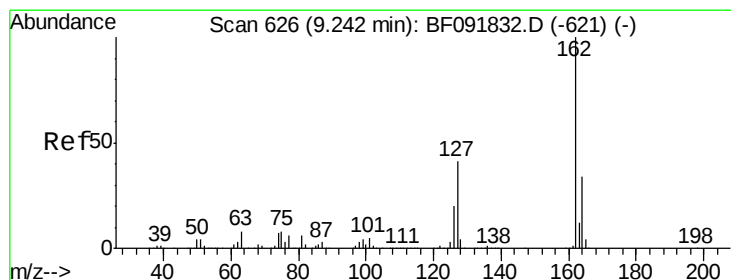
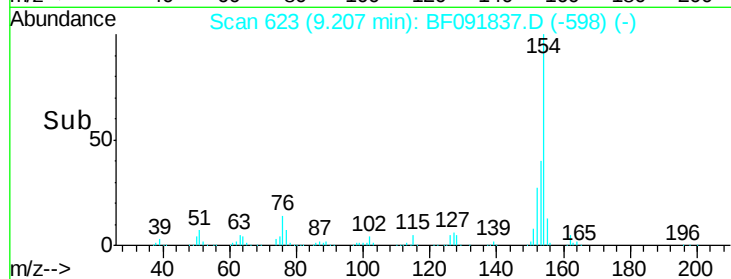
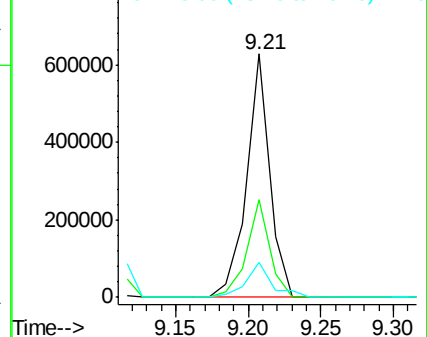


#45  
 1,1'-Biphenyl  
 Concen: 17.06 ng  
 RT: 9.21 min Scan# 623  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 692886 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.0  | 20.9  | 60.9   |
| 76       | 14.3  | 0.0   | 30.5   |

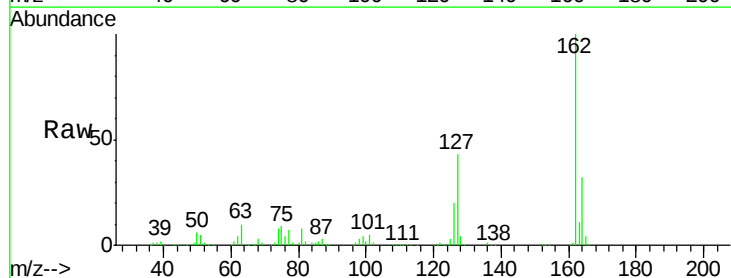


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

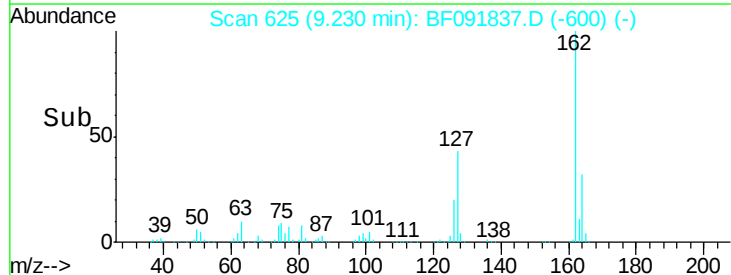
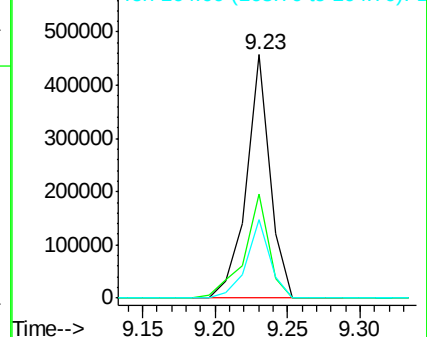


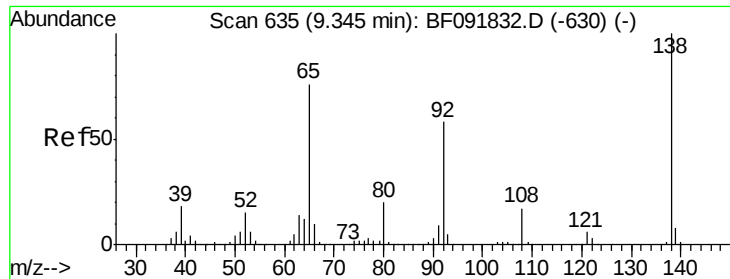
#46  
 2-Chloronaphthalene  
 Concen: 16.09 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 517525 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 42.9  | 30.7  | 46.1   |
| 164      | 32.1  | 27.6  | 41.4   |



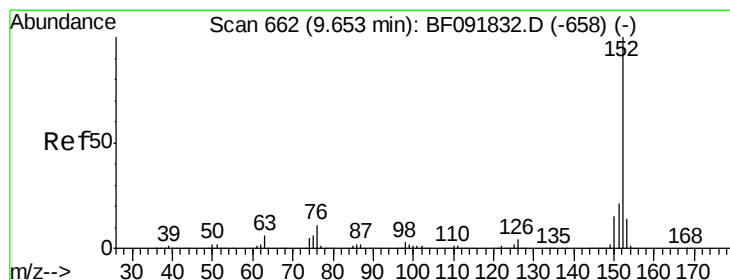
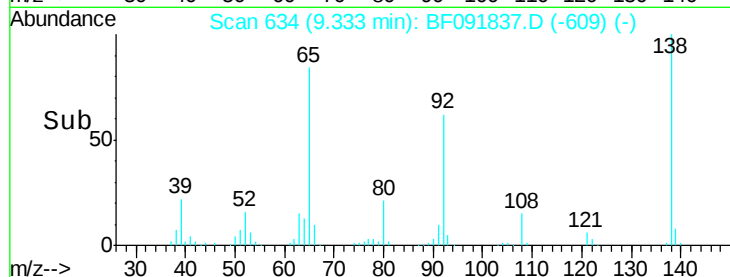
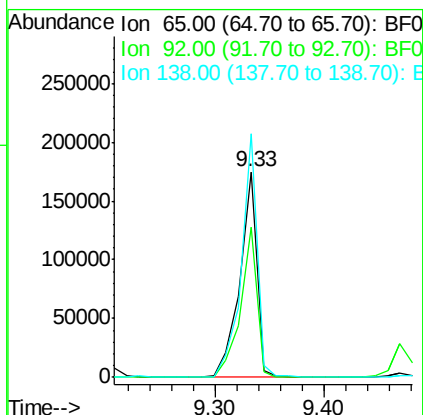
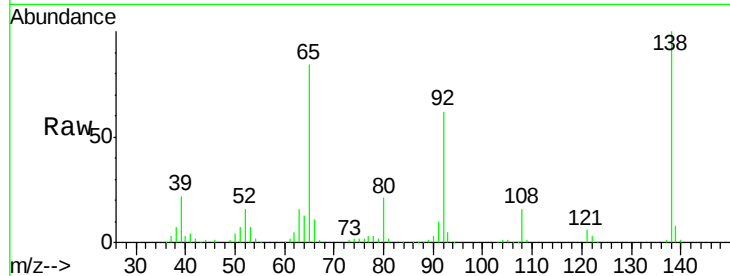
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E





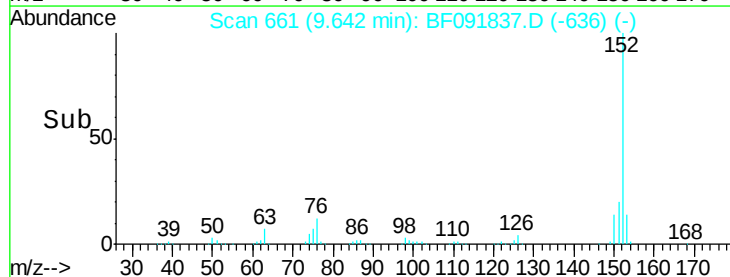
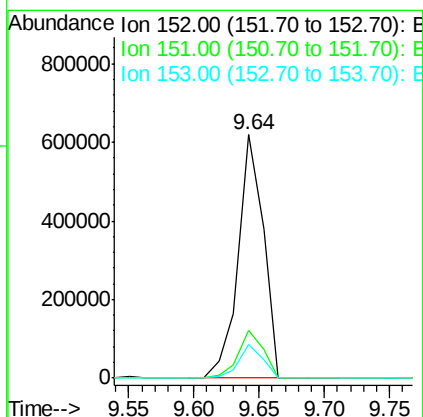
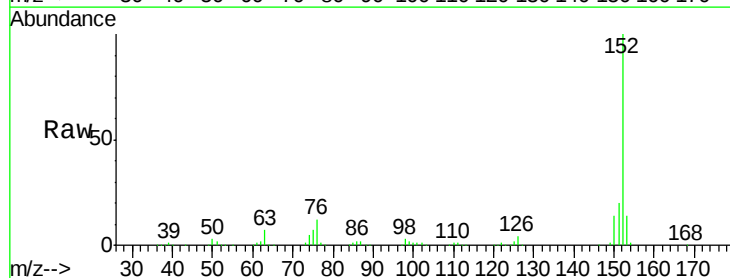
#47  
2-Nitroaniline  
Concen: 16.42 ng  
RT: 9.33 min Scan# 634  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

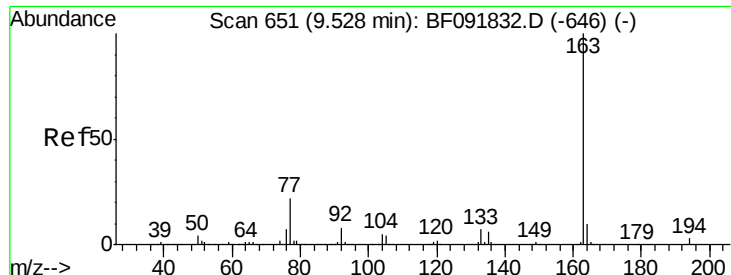
Tgt Ion: 65 Resp: 188025  
Ion Ratio Lower Upper  
65 100  
92 72.9 53.9 80.9  
138 118.4 76.8 115.2#



#48  
Acenaphthylene  
Concen: 16.74 ng  
RT: 9.64 min Scan# 661  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

Tgt Ion: 152 Resp: 828038  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.9 25.3  
153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 17.56 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

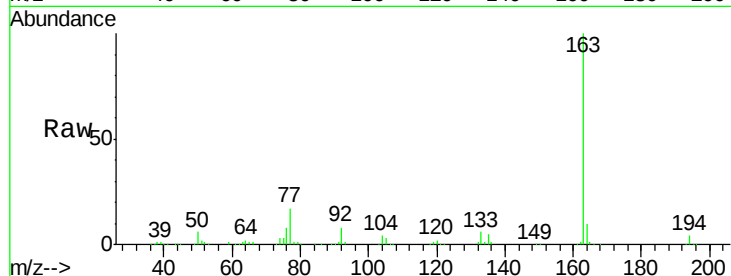
Tgt Ion:163 Resp: 666273

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

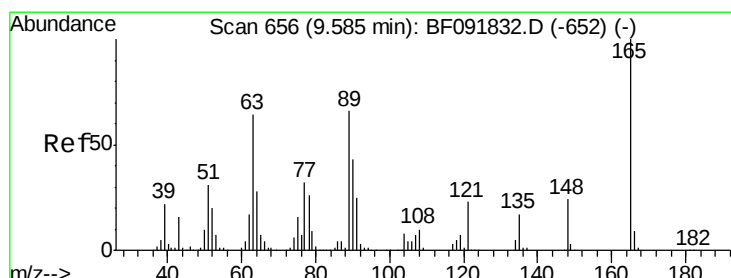
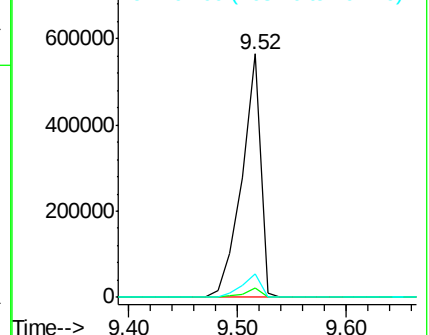
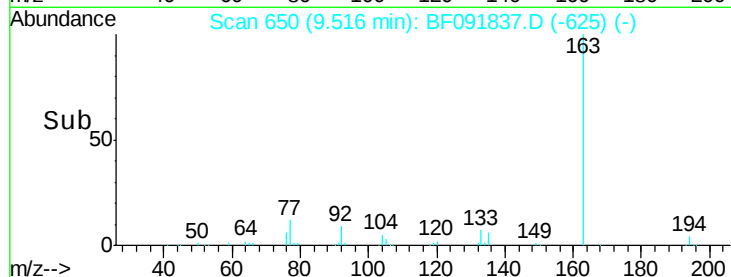
164 9.8 8.0 12.0



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: 16.94 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

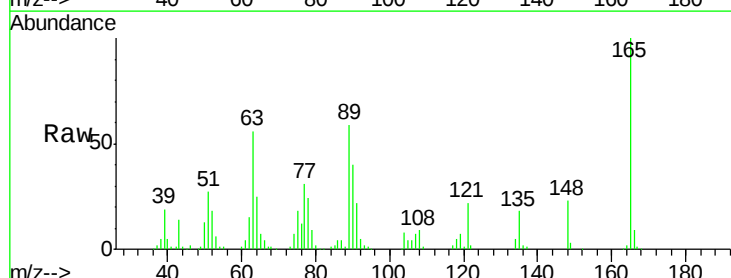
Tgt Ion:165 Resp: 140687

Ion Ratio Lower Upper

165 100

63 56.1 36.2 54.4#

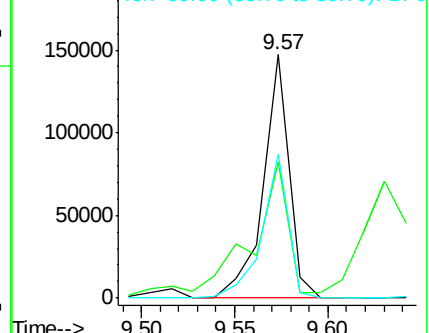
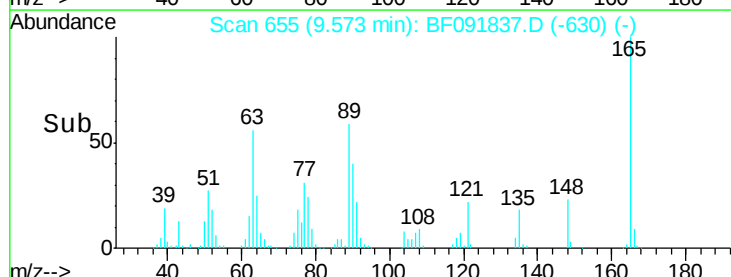
89 58.9 40.2 60.4

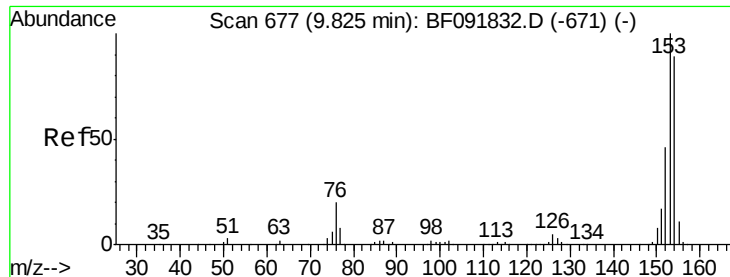


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 16.56 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

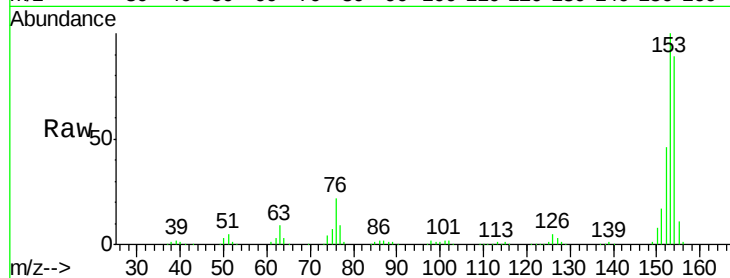
Tgt Ion:154 Resp: 555333

Ion Ratio Lower Upper

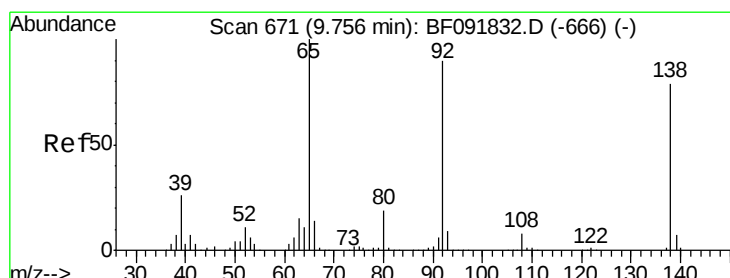
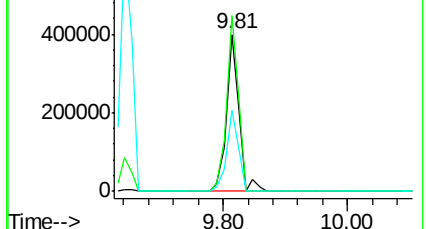
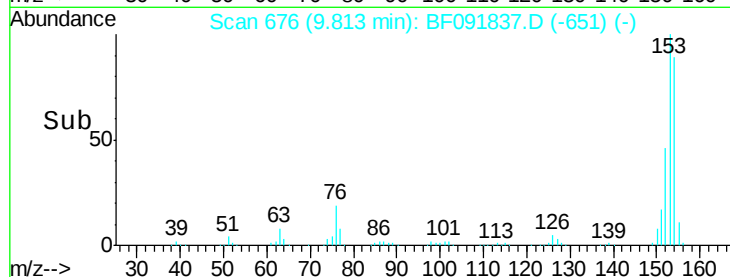
154 100

153 112.0 88.6 133.0

152 51.2 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: 12.40 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

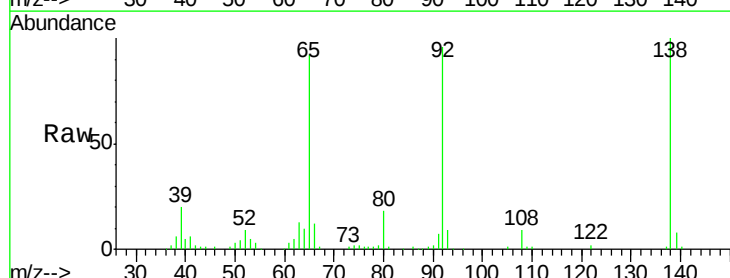
Tgt Ion:138 Resp: 127462

Ion Ratio Lower Upper

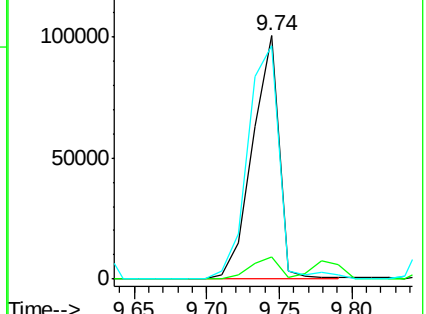
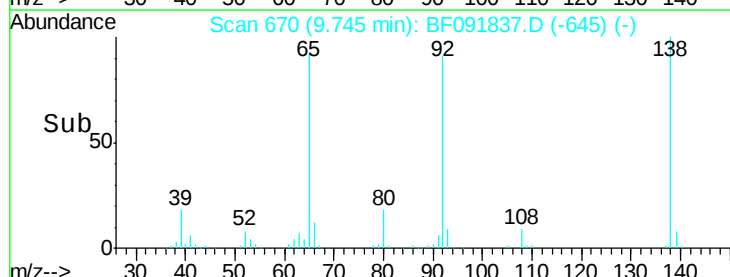
138 100

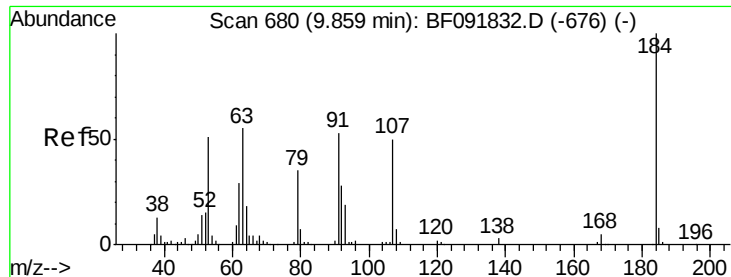
108 9.1 8.5 12.7

92 95.9 97.8 146.8#



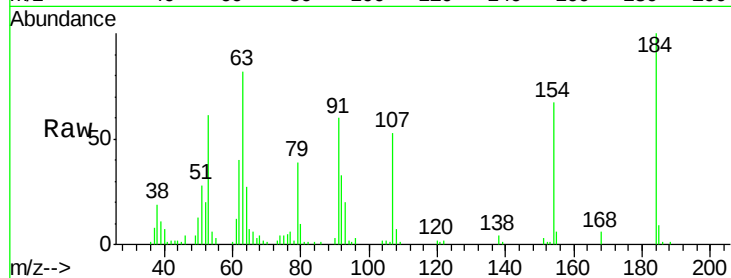
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0



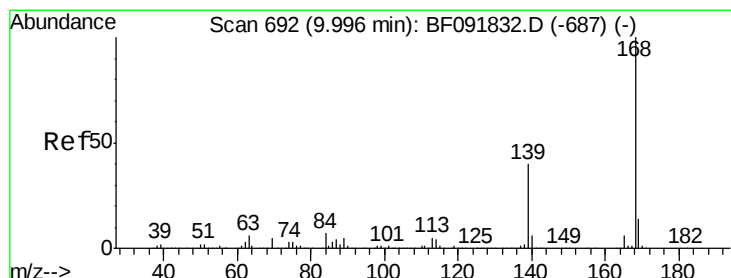
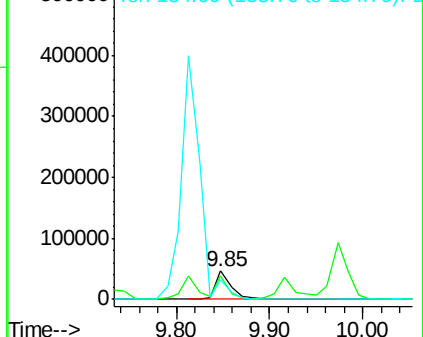
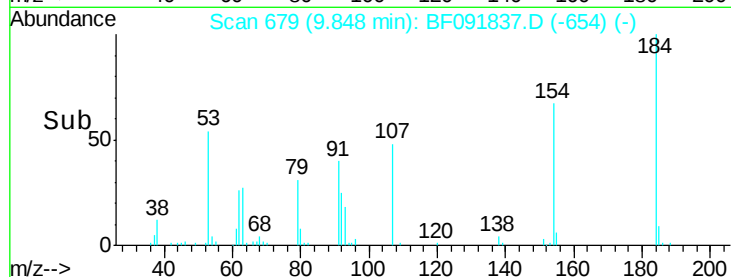


#53  
2,4-Dinitrophenol  
Concen: 12.27 ng  
RT: 9.85 min Scan# 679  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

Tgt Ion:184 Resp: 56698  
Ion Ratio Lower Upper  
184 100  
63 81.8 28.4 42.6#  
154 67.2 44.3 66.5#

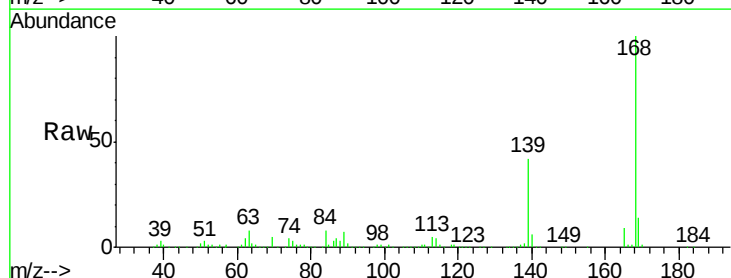


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

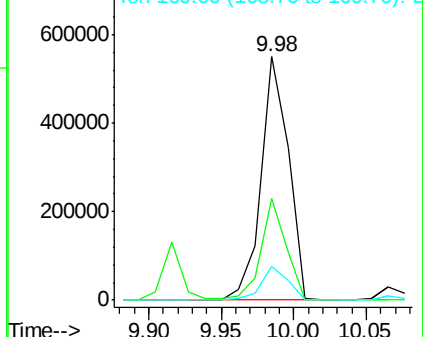
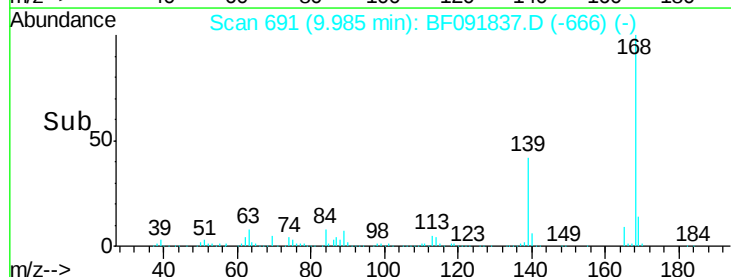


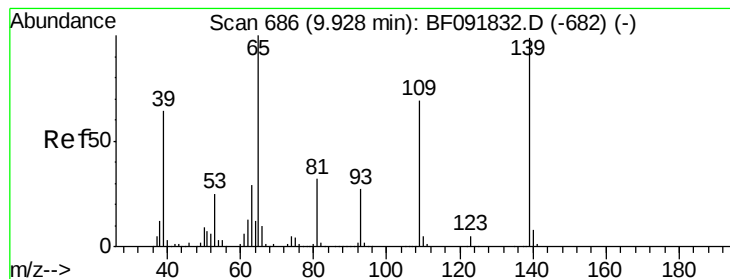
#54  
Dibenzofuran  
Concen: 15.80 ng  
RT: 9.98 min Scan# 691  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

Tgt Ion:168 Resp: 715768  
Ion Ratio Lower Upper  
168 100  
139 41.6 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: 17.18 ng

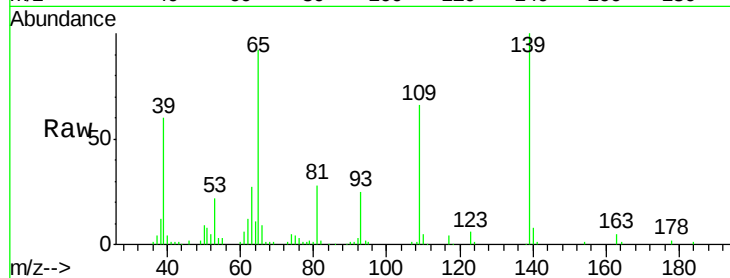
RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

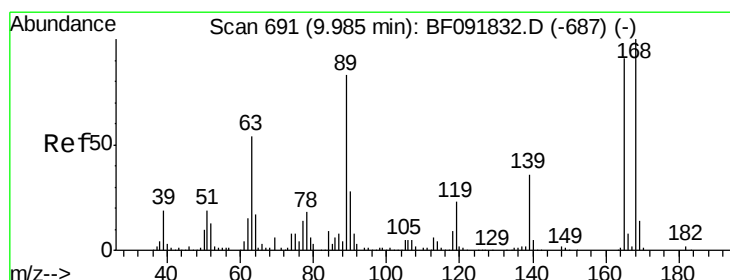
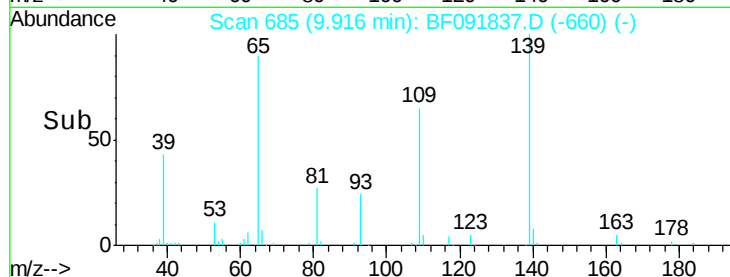
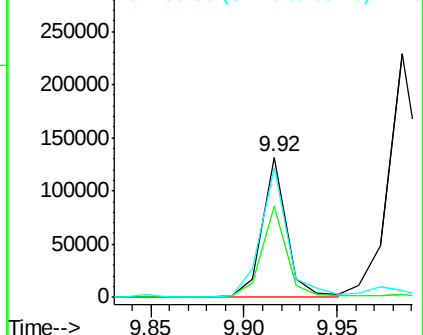
Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 119915 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 65.5  | 52.2  | 92.2   |
| 65       | 92.3  | 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: 17.03 ng

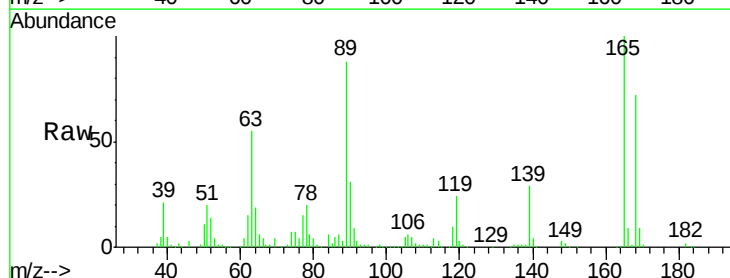
RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

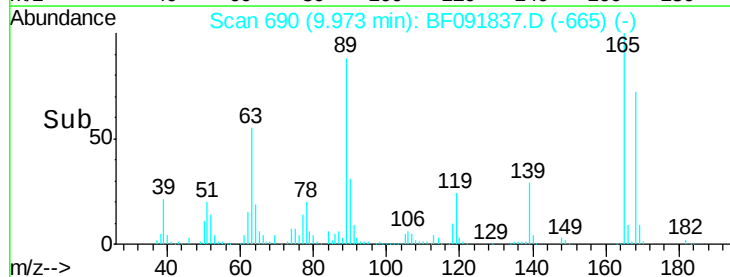
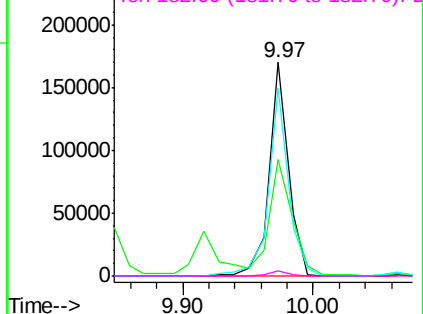
Lab File: BF091837.D

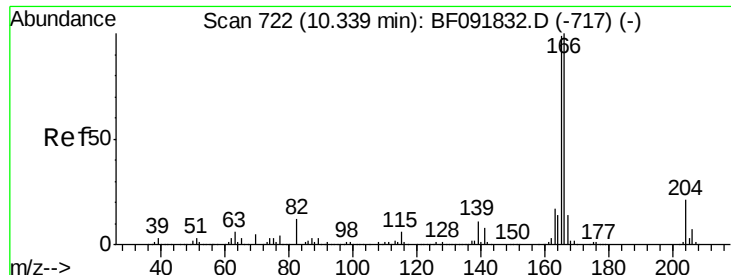
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 177539 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 54.8  | 40.2  | 60.4   |
| 89       | 88.0  | 62.5  | 93.7   |
| 182      | 2.1   | 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: 17.28 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

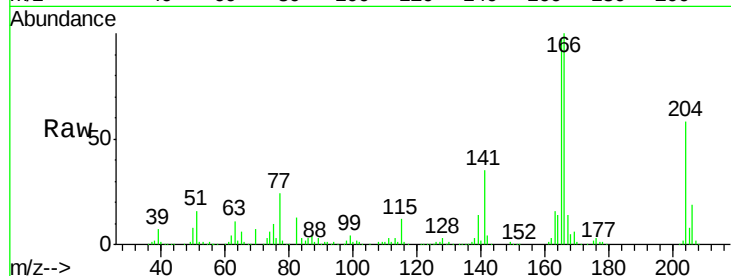
Tgt Ion:166 Resp: 569474

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.8

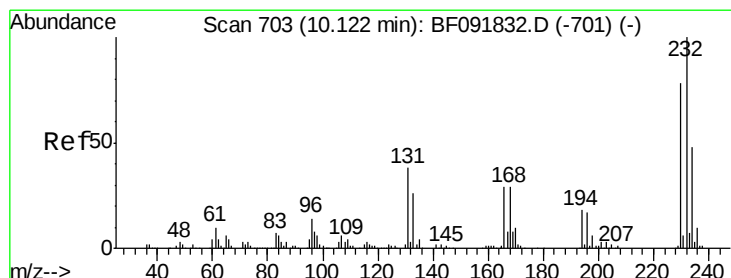
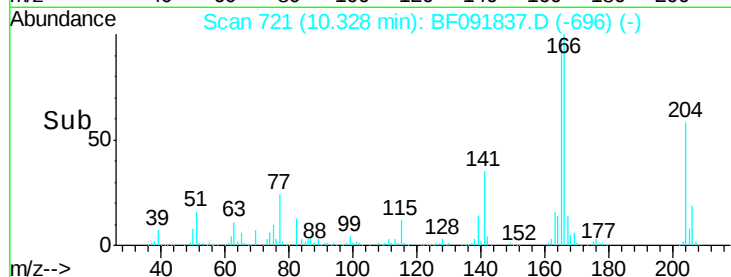
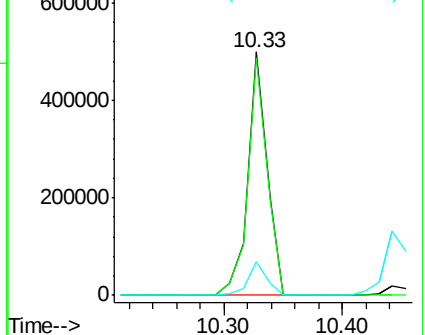
167 13.9 10.8 16.2



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: 15.73 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:232 Resp: 134220

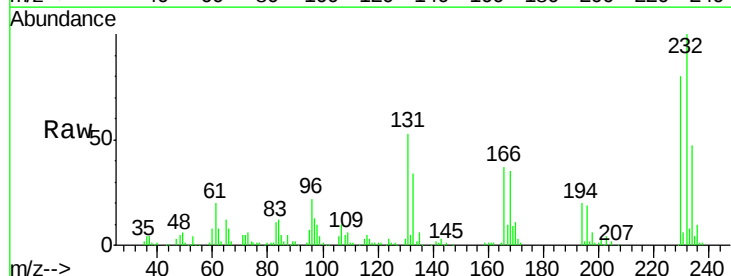
Ion Ratio Lower Upper

232 100

131 48.8 40.1 60.1

130 2.4 1.8 2.8

166 33.9 26.6 39.8

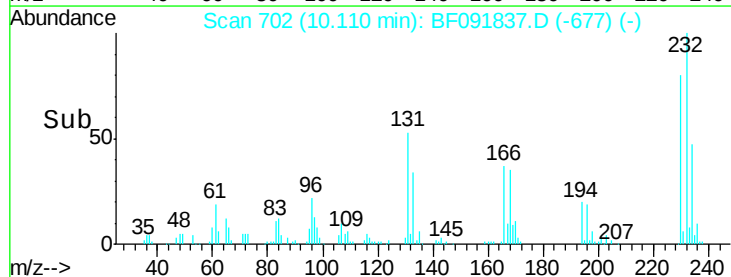
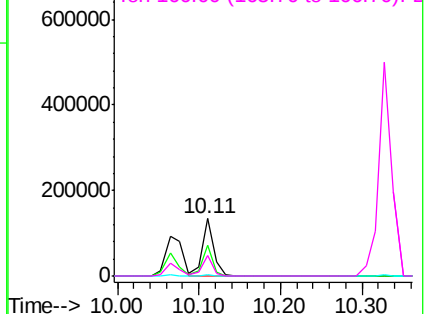


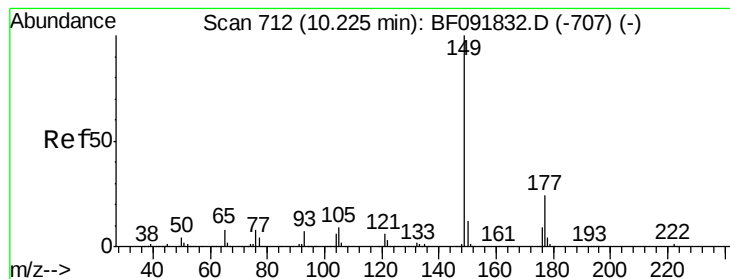
Abundance Ion 232.00 (231.70 to 232.70): E

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: 16.86 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

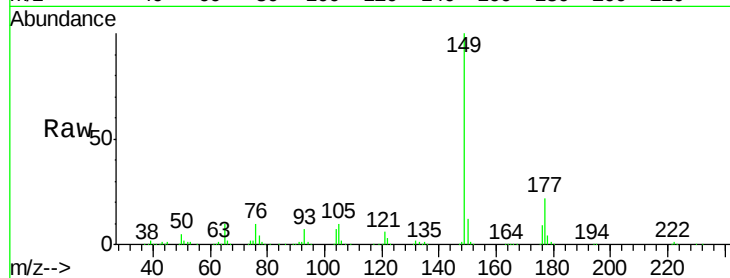
Tgt Ion:149 Resp: 621133

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

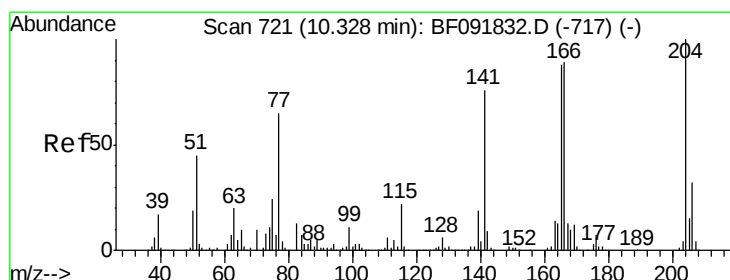
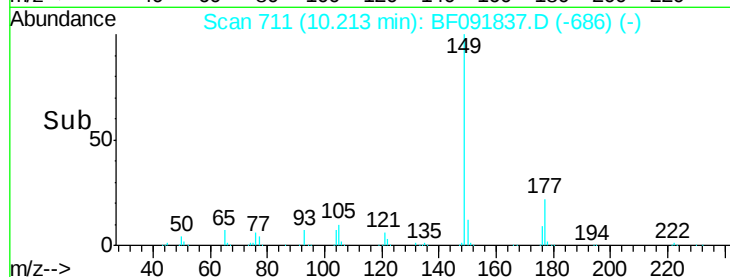
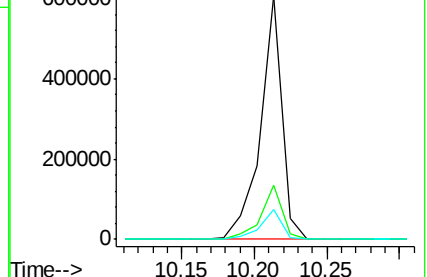
150 12.4 10.4 15.6



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: 19.04 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

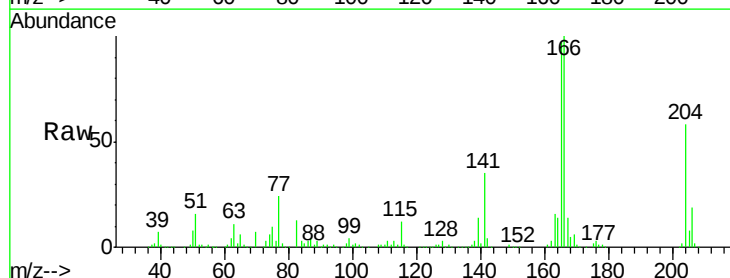
Tgt Ion:204 Resp: 274741

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

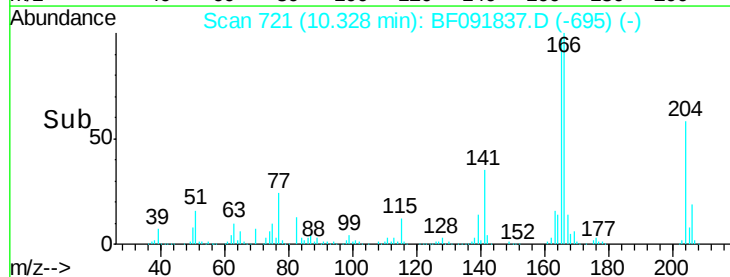
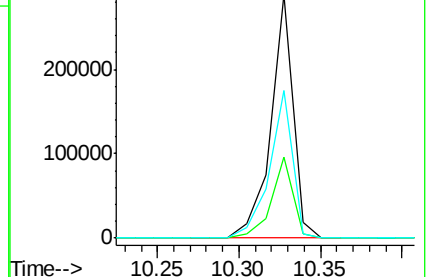
141 60.5 59.4 89.0

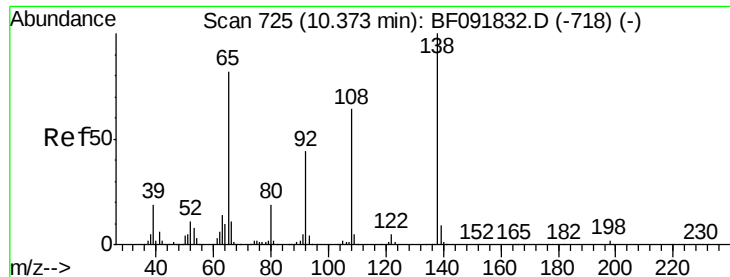


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

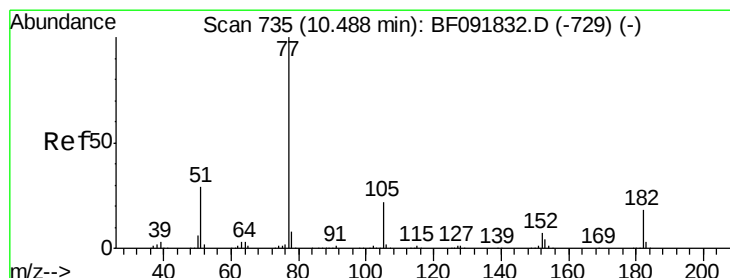
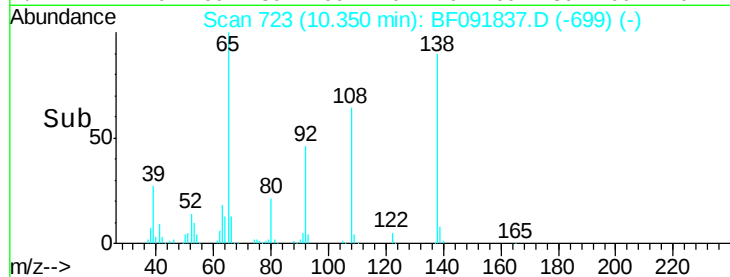
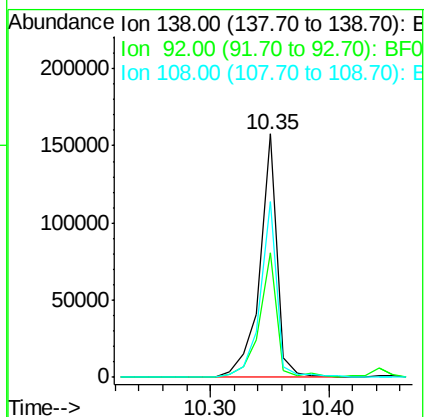
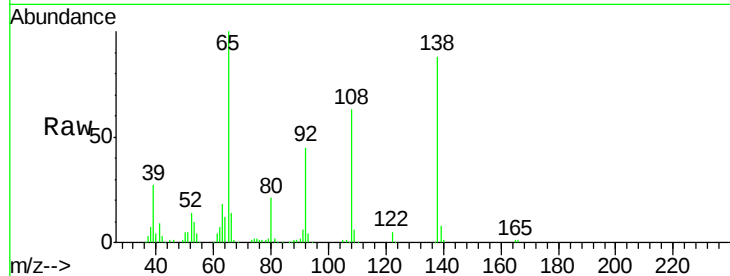
Ion 141.00 (140.70 to 141.70): E





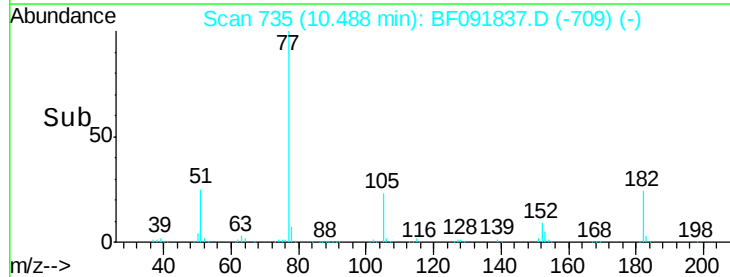
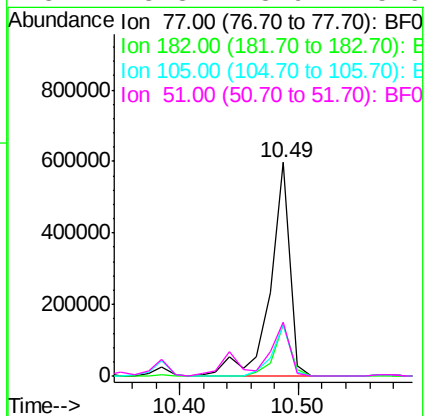
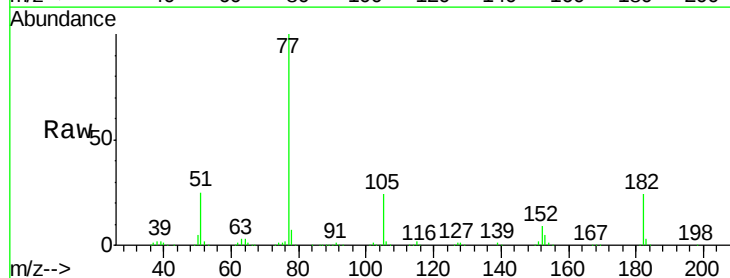
#61  
4-Nitroaniline  
Concen: 15.18 ng  
RT: 10.35 min Scan# 723  
Delta R.T. -0.02 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

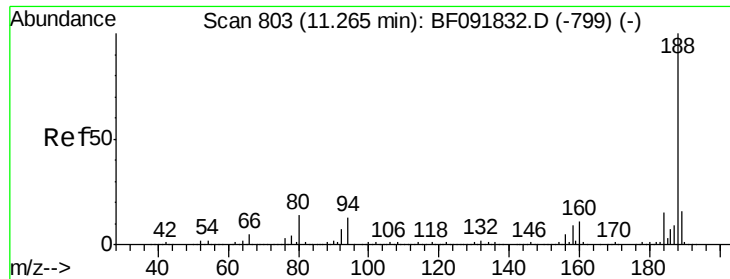
Tgt Ion: 138 Resp: 161704  
Ion Ratio Lower Upper  
138 100  
92 51.1 31.7 71.7  
108 72.0 52.6 92.6



#62  
Azobenzene  
Concen: 17.00 ng  
RT: 10.49 min Scan# 735  
Delta R.T. -0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

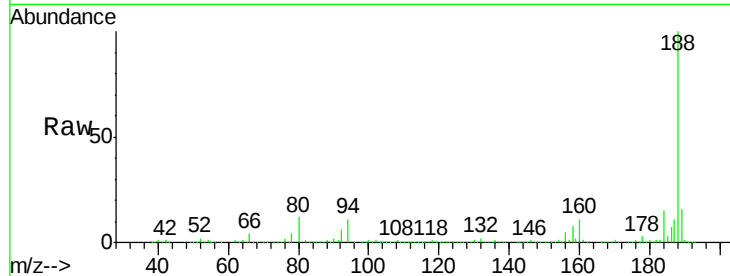
Tgt Ion: 77 Resp: 689828  
Ion Ratio Lower Upper  
77 100  
182 24.1 0.0 39.3  
105 24.1 2.3 42.3  
51 25.3 8.9 48.9





#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.26 min Scan# 803  
Delta R.T. -0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

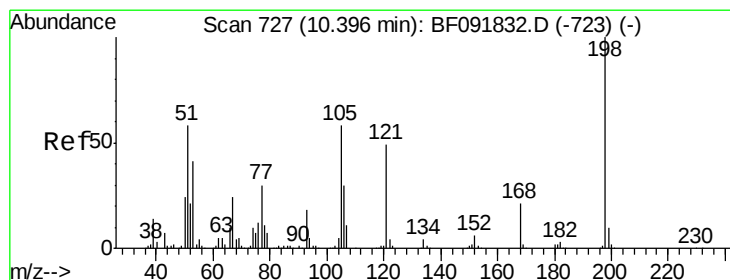
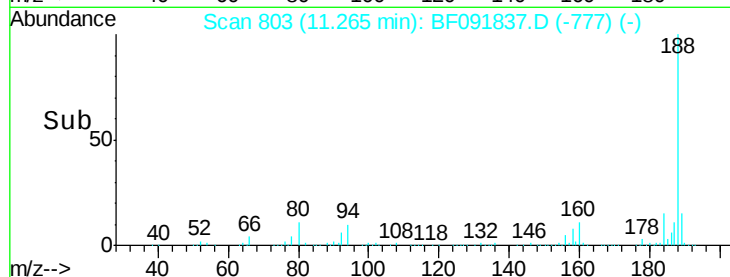
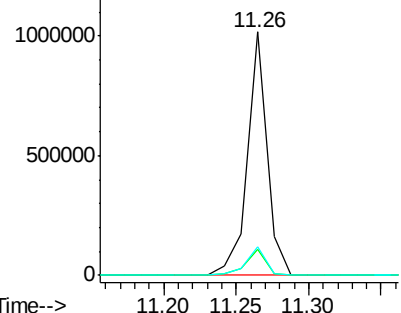
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.6  | 10.0  | 15.0  |
| 80      | 11.6  | 11.2  | 16.8  |



Abundance Ion 188.00 (187.70 to 188.70): E

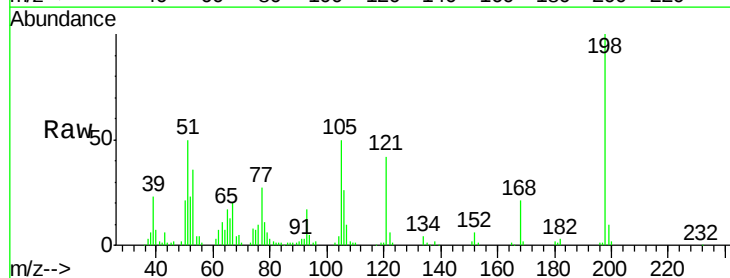
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 15.45 ng  
RT: 10.38 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

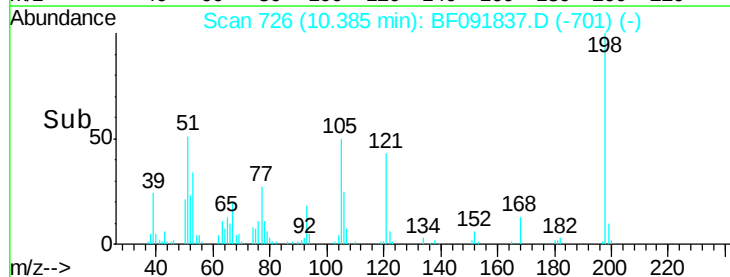
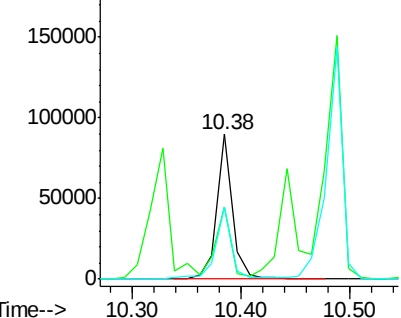
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 50.0  | 6.7   | 46.7# |
| 105     | 49.8  | 16.6  | 56.6  |

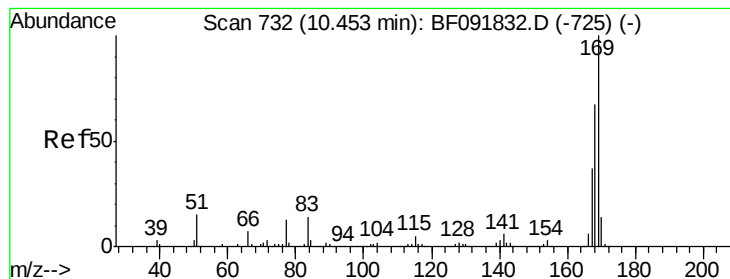


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 17.31 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

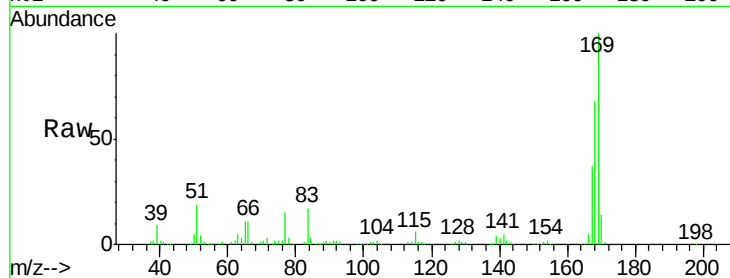
Tgt Ion:169 Resp: 492285

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

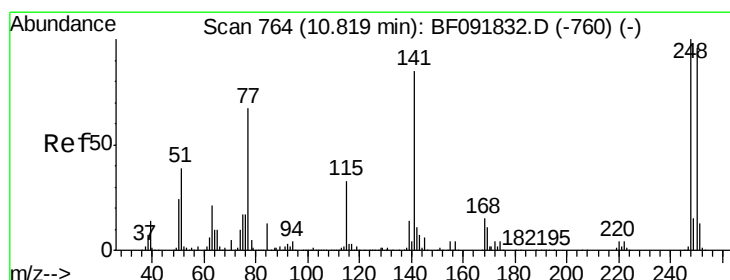
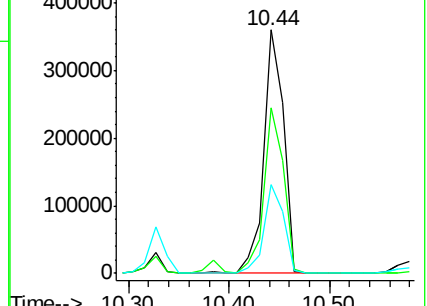
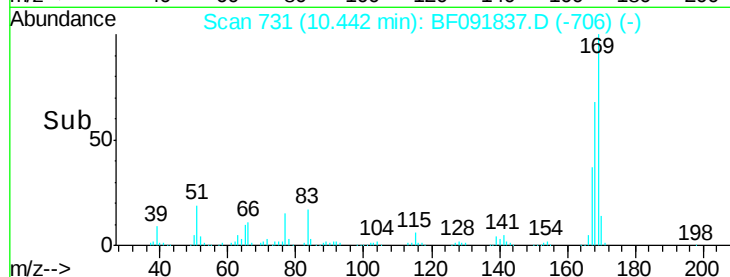
167 36.5 30.2 45.4



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: 16.72 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

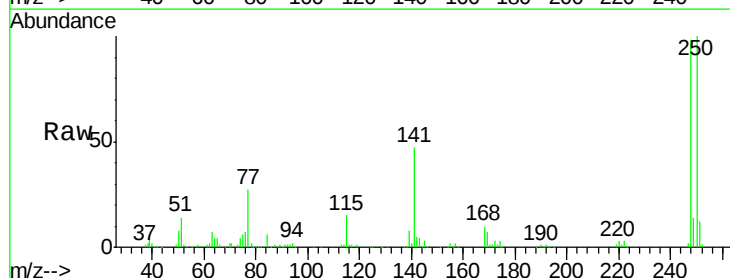
Tgt Ion:248 Resp: 166714

Ion Ratio Lower Upper

248 100

250 102.4 76.9 115.3

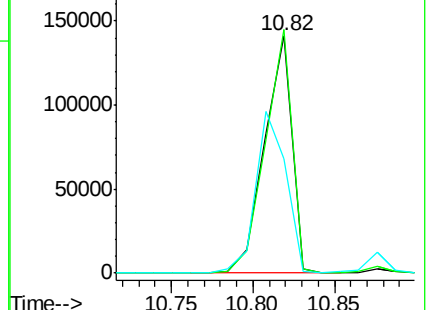
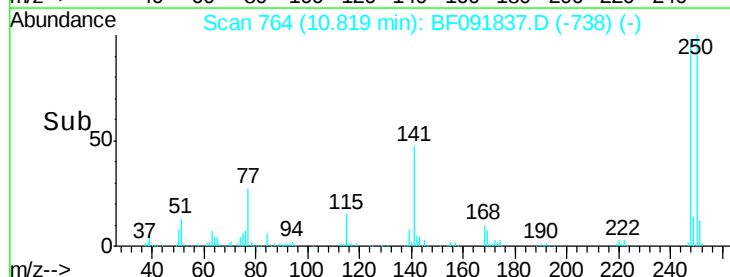
141 48.1 68.2 102.4#

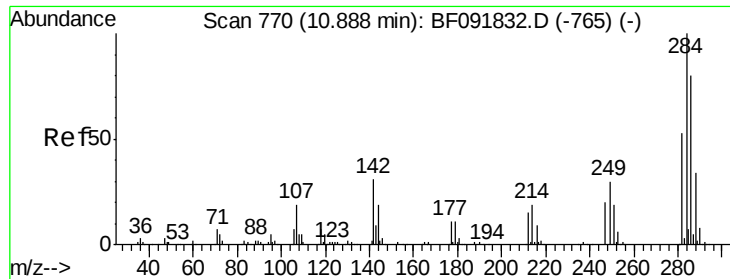


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

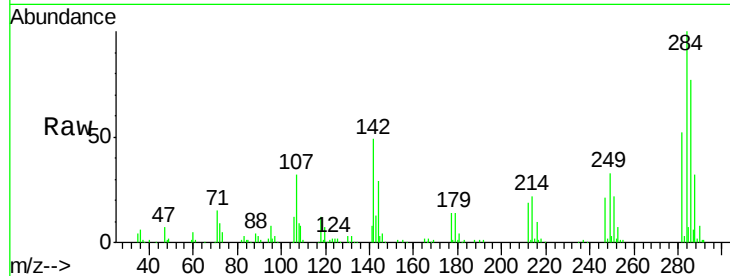
Ion 141.00 (140.70 to 141.70): E



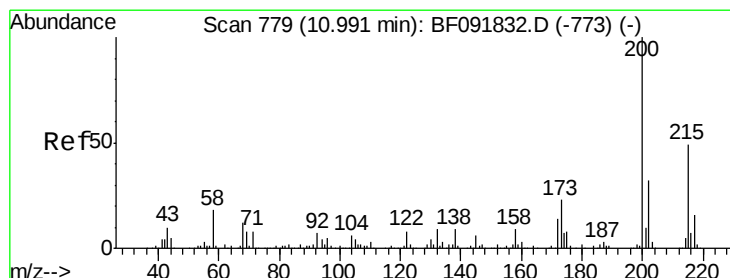
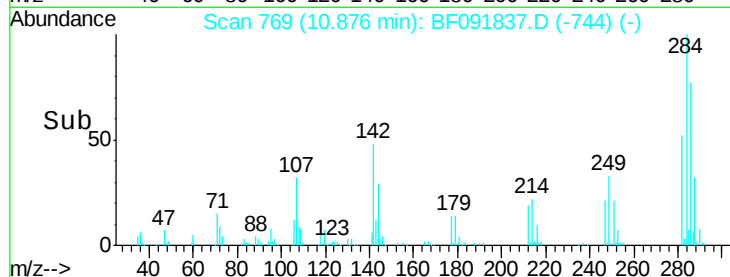
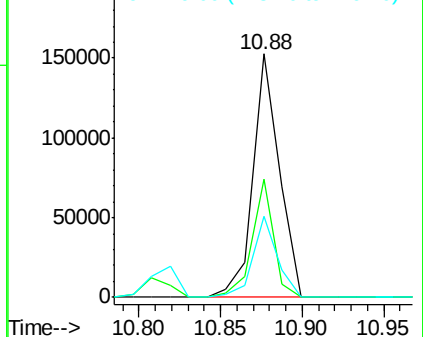


#67  
Hexachlorobenzene  
Concen: 16.10 ng  
RT: 10.88 min Scan# 769  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

Tgt Ion: 284 Resp: 171564  
Ion Ratio Lower Upper  
284 100  
142 48.7 22.6 33.8#  
249 33.4 25.4 38.0

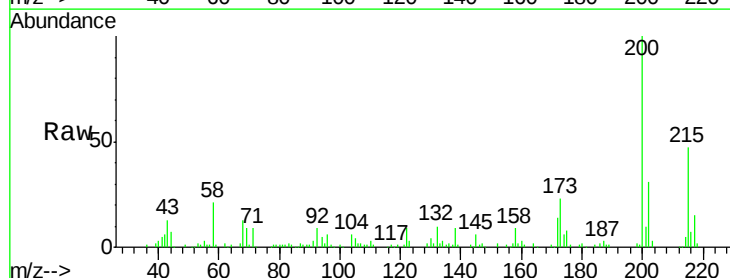


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

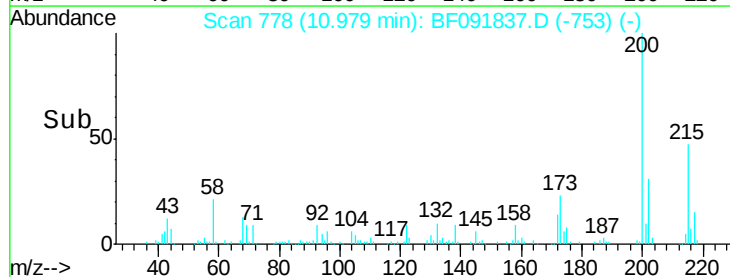
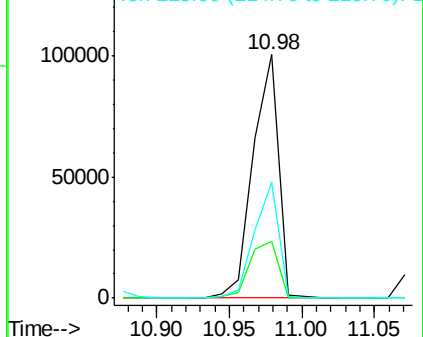


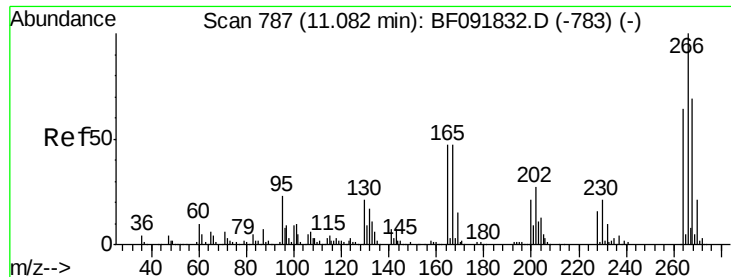
#68  
Atrazine  
Concen: 13.31 ng  
RT: 10.98 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

Tgt Ion: 200 Resp: 122097  
Ion Ratio Lower Upper  
200 100  
173 23.4 9.6 49.6  
215 47.3 25.7 65.7



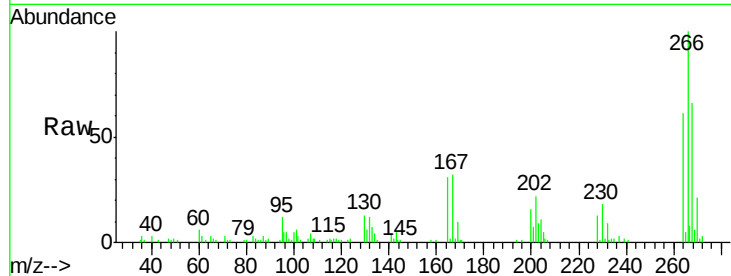
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E



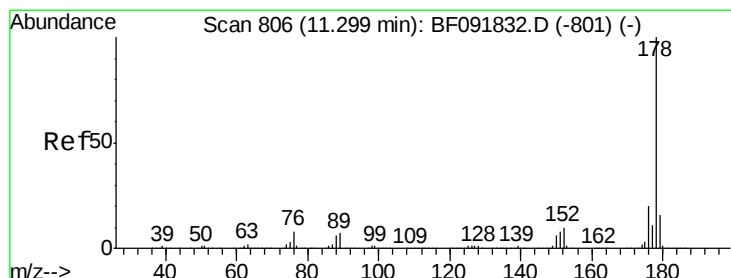
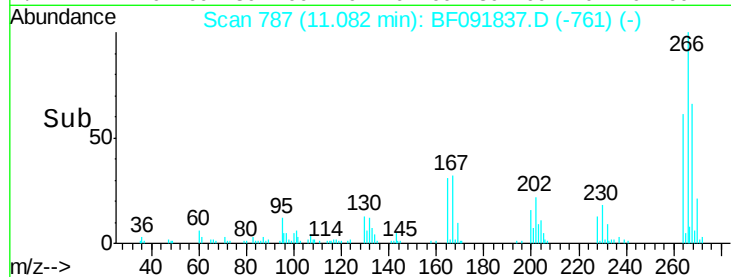
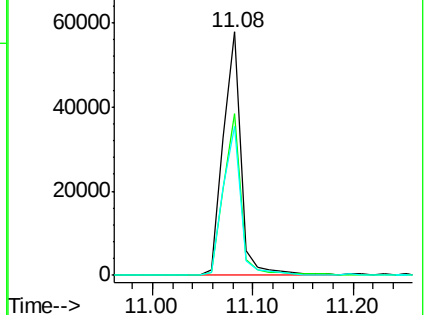


#69  
 Pentachlorophenol  
 Concen: 13.64 ng  
 RT: 11.08 min Scan# 787  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.3  | 53.3  | 79.9  |
| 264     | 61.3  | 50.3  | 75.5  |

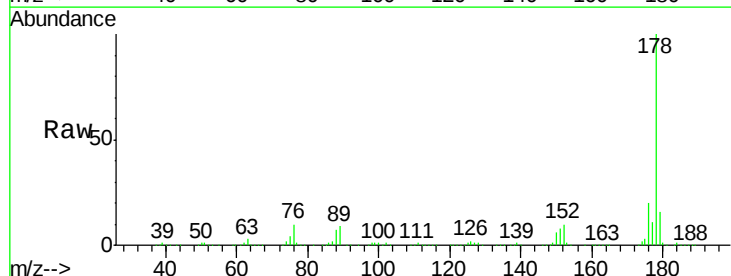


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

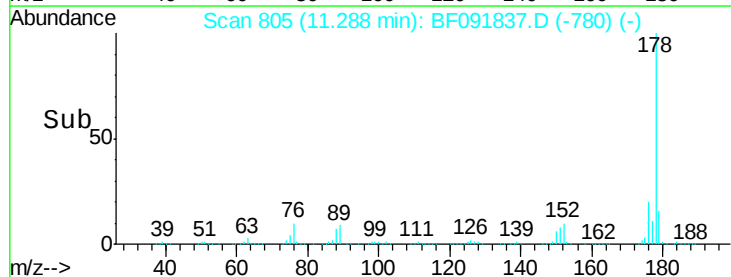
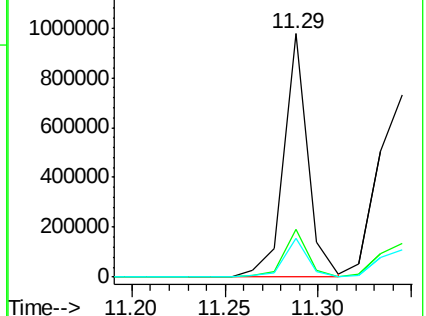


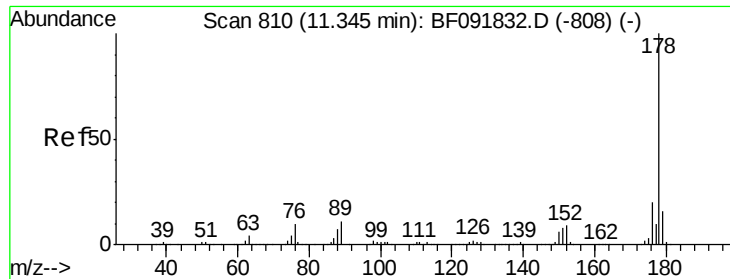
#70  
 Phenanthrene  
 Concen: 16.82 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 16.6  | 25.0  |
| 179     | 16.0  | 12.8  | 19.2  |



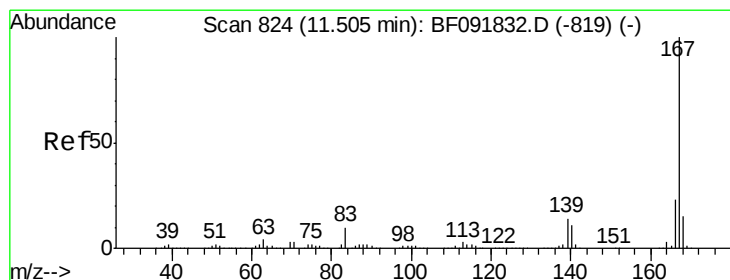
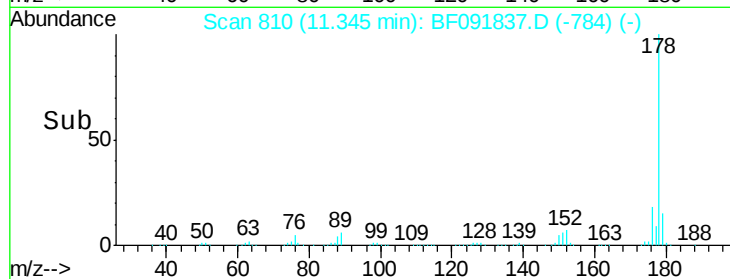
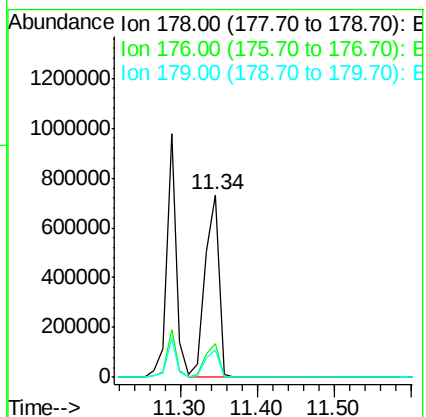
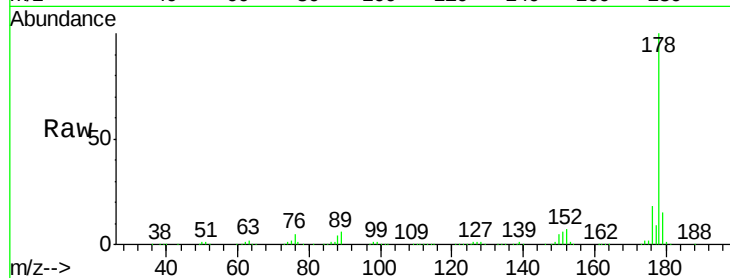
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





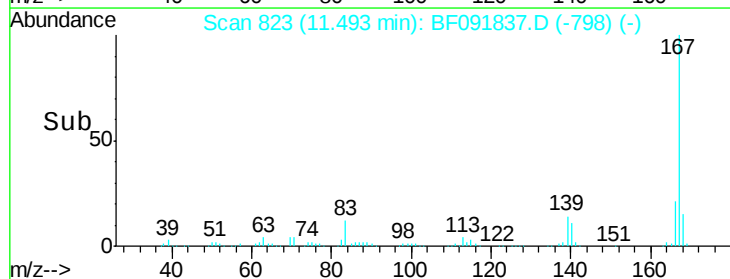
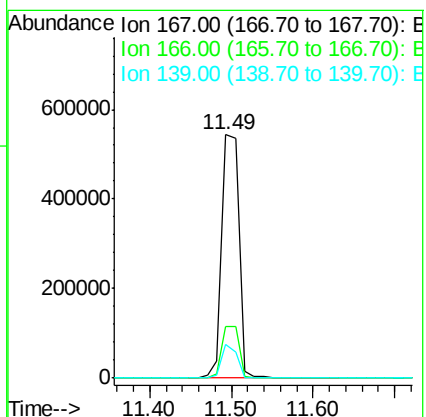
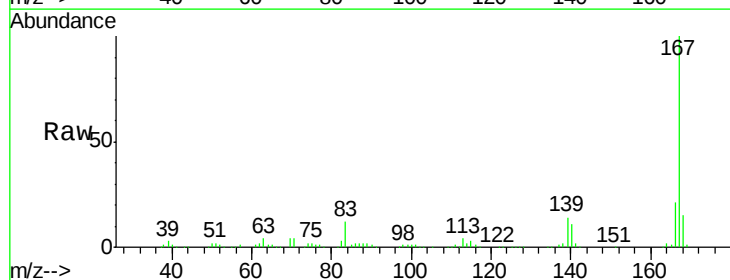
#71  
 Anthracene  
 Concen: 15.70 ng  
 RT: 11.34 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

Tgt Ion:178 Resp: 899406  
 Ion Ratio Lower Upper  
 178 100  
 176 18.3 15.9 23.9  
 179 14.9 13.2 19.8



#72  
 Carbazole  
 Concen: 14.27 ng  
 RT: 11.49 min Scan# 823  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

Tgt Ion:167 Resp: 793627  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 18.2 27.2  
 139 14.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 17.11 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

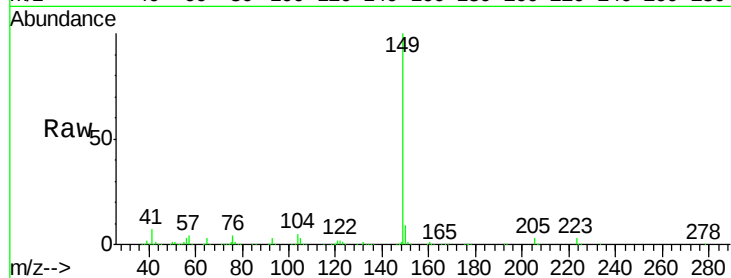
Tgt Ion:149 Resp: 967777

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

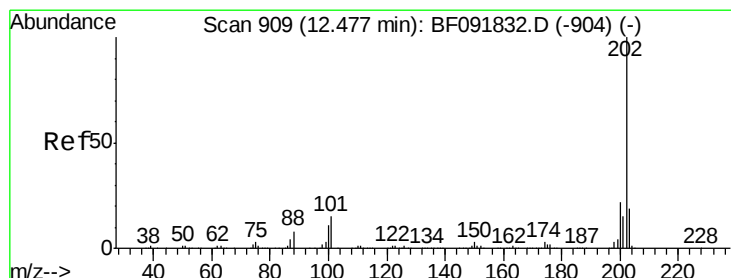
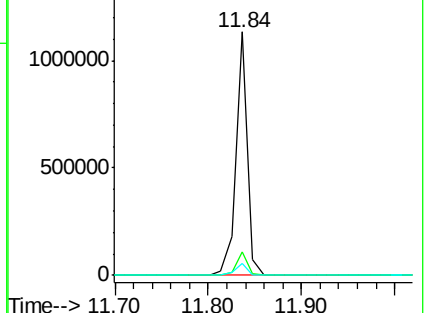
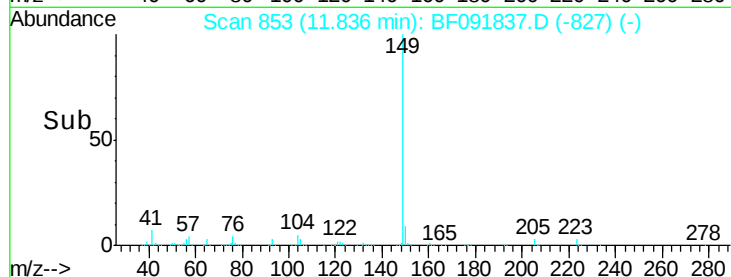
104 4.9 4.6 7.0



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: 18.04 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

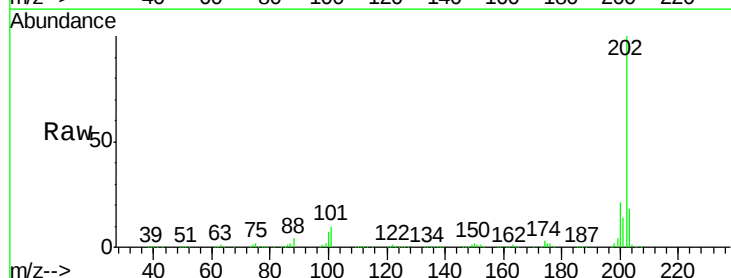
Tgt Ion:202 Resp: 927212

Ion Ratio Lower Upper

202 100

101 9.6 0.0 34.6

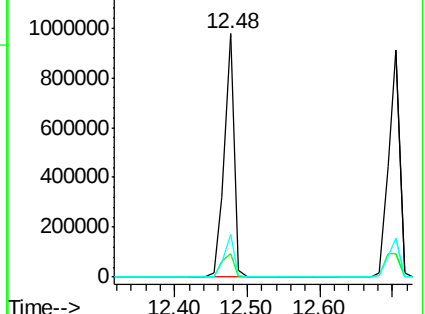
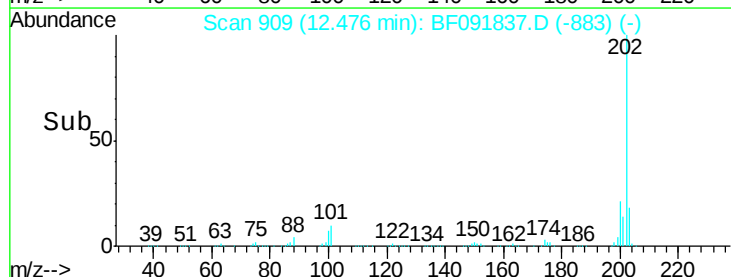
203 17.7 0.0 38.7

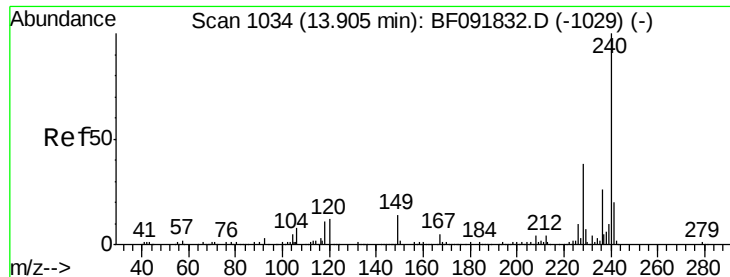


Abundance Ion 202.00 (201.70 to 202.70): E

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

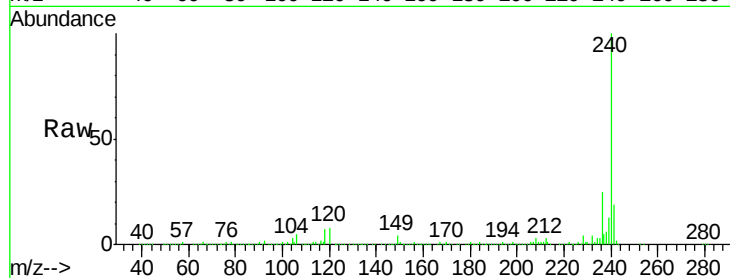
RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

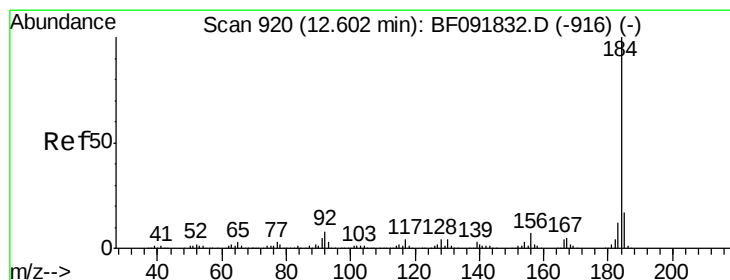
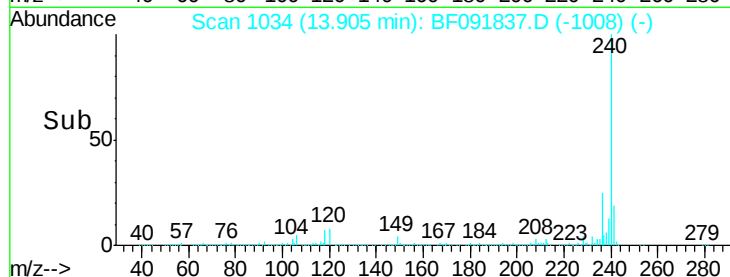
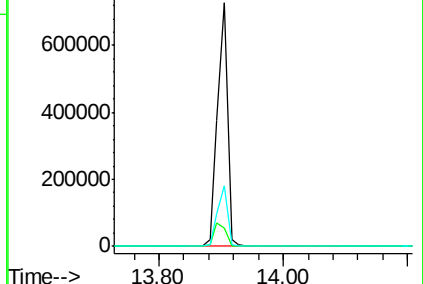
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 794165 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 7.7   | 12.9  | 19.3#  |
| 236      | 25.1  | 20.9  | 31.3   |



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: 7.50 ng

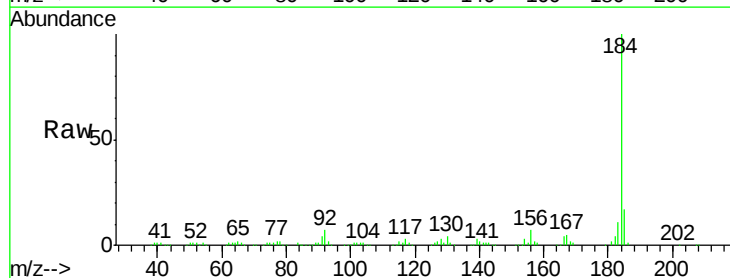
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

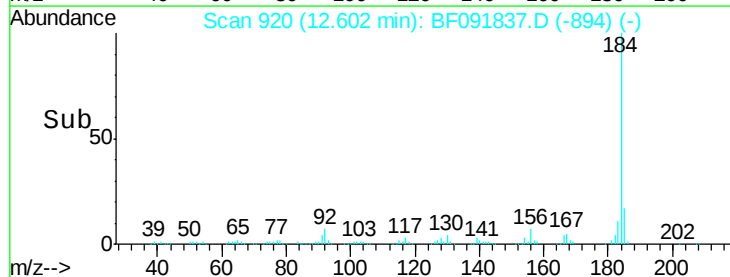
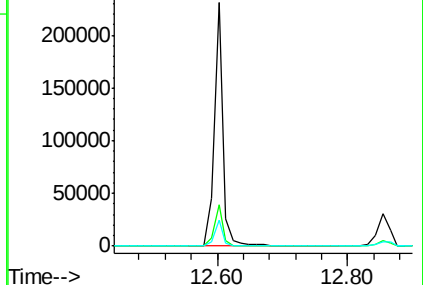
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 184   | Resp: | 220095 |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 185      | 17.0  | 13.4  | 20.0   |
| 183      | 10.7  | 9.2   | 13.8   |

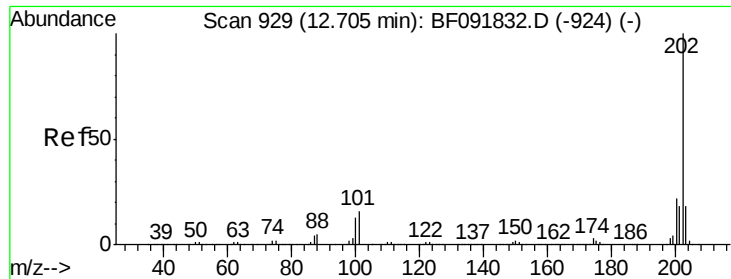


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

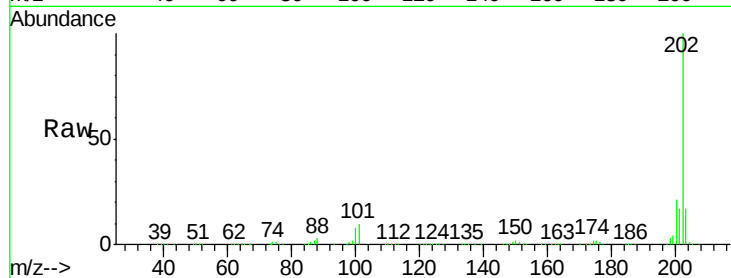
Ion 183.00 (182.70 to 183.70): E



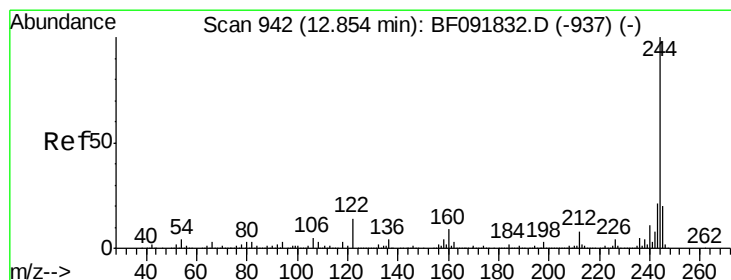
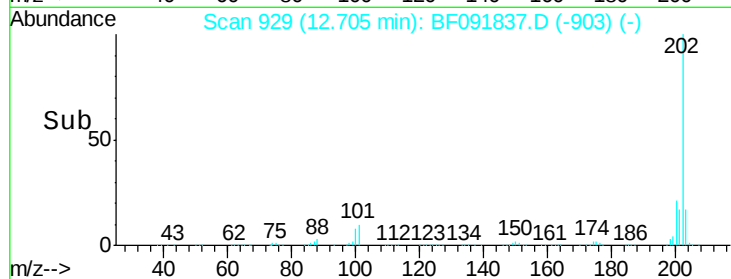
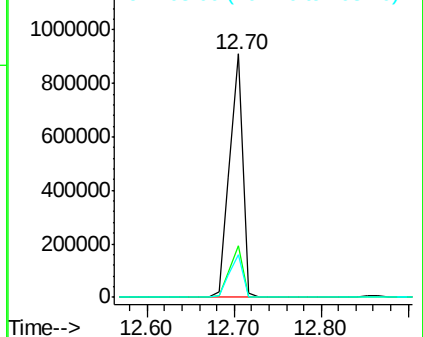


#77  
 Pyrene  
 Concen: 16.49 ng  
 RT: 12.70 min Scan# 929  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 960669 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 21.1  | 17.7  | 26.5   |
| 203      | 17.4  | 14.7  | 22.1   |

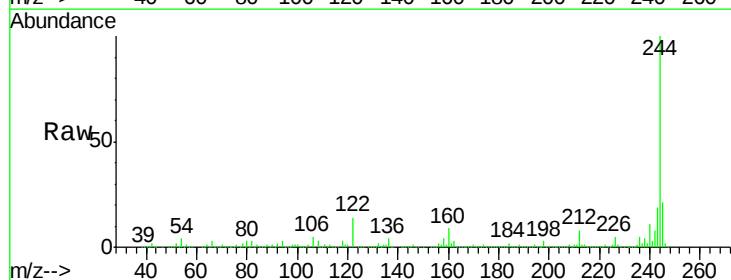


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

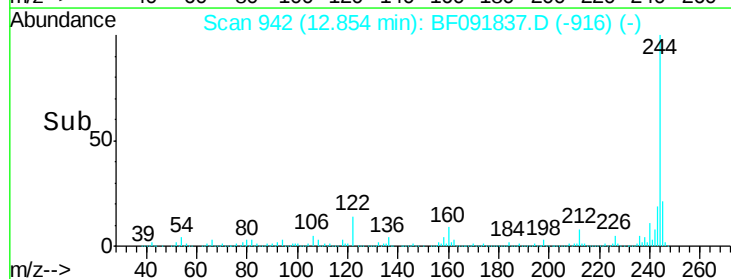
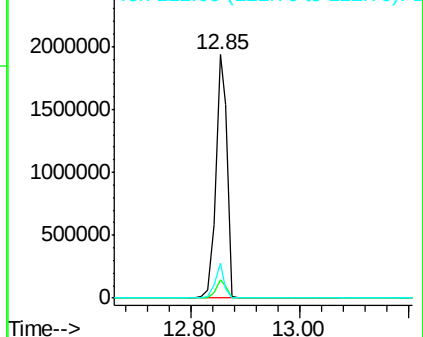


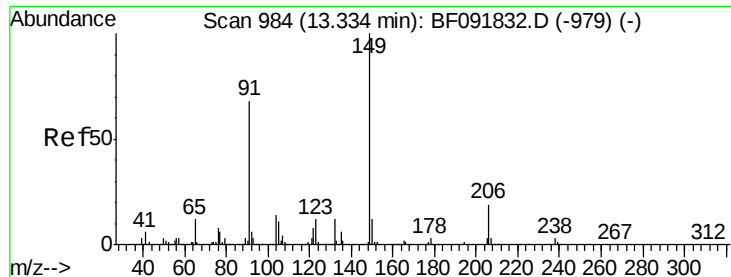
#78  
 Terphenyl-d14  
 Concen: 87.49 ng  
 RT: 12.85 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 2864978 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.6   | 6.2   | 9.2     |
| 122      | 14.4  | 11.4  | 17.2    |



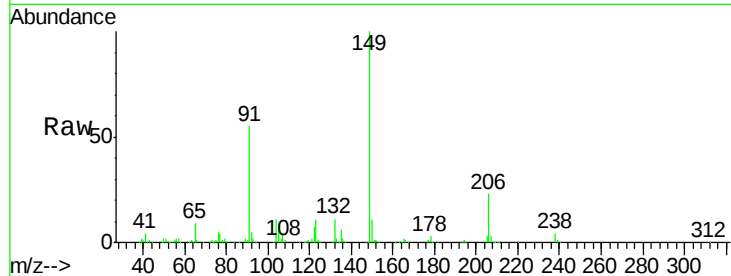
Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



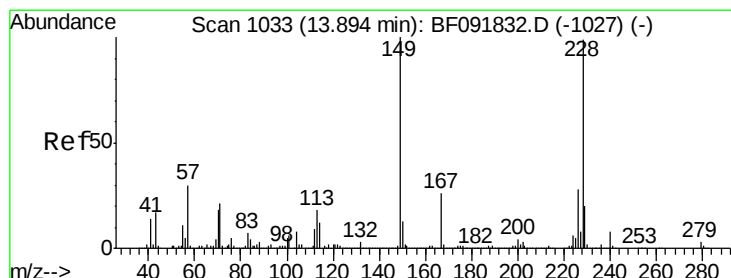
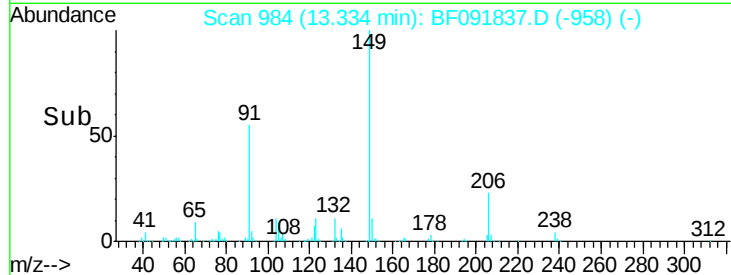
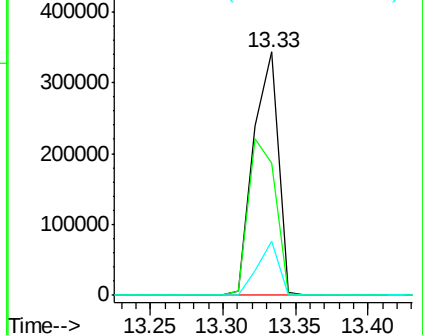


#79  
Butylbenzylphthalate  
Concen: 15.34 ng  
RT: 13.33 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 54.6  | 63.9  | 95.9# |
| 206     | 22.5  | 14.6  | 21.8# |

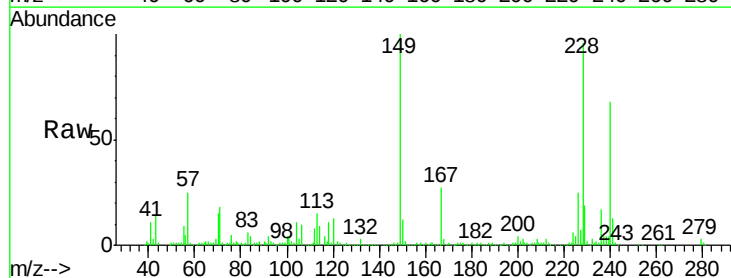


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

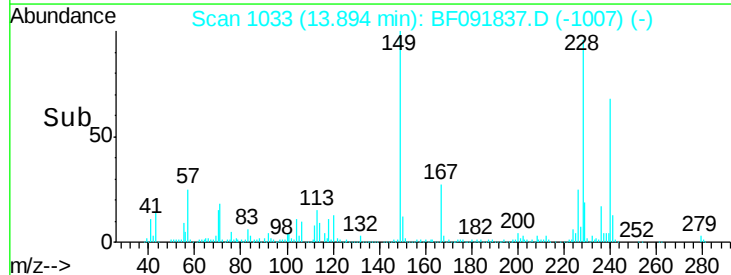
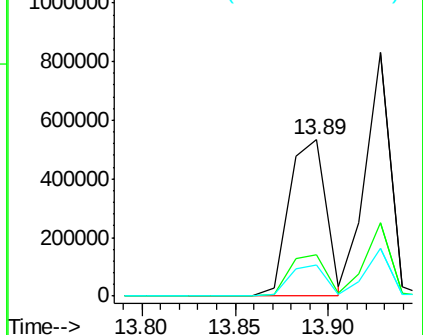


#80  
Benzo(a)anthracene  
Concen: 16.41 ng  
RT: 13.89 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.5  | 22.4  | 33.6  |
| 229     | 19.7  | 16.2  | 24.4  |



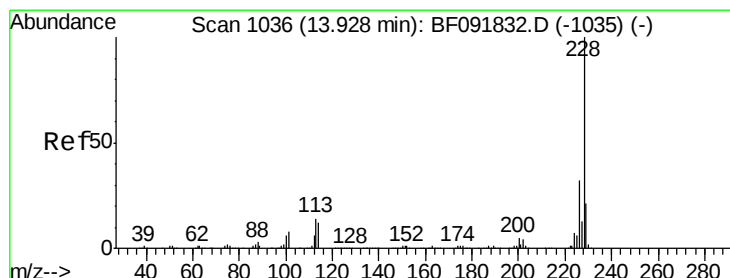
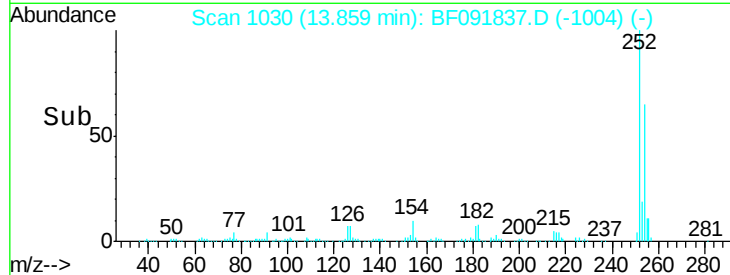
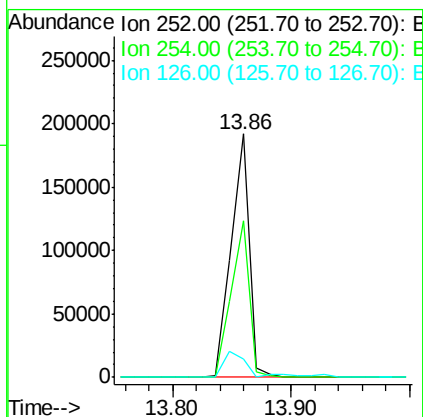
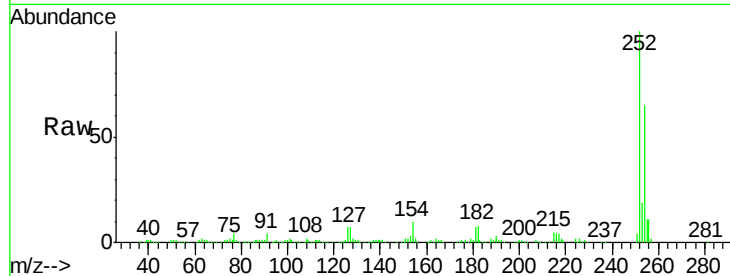
Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





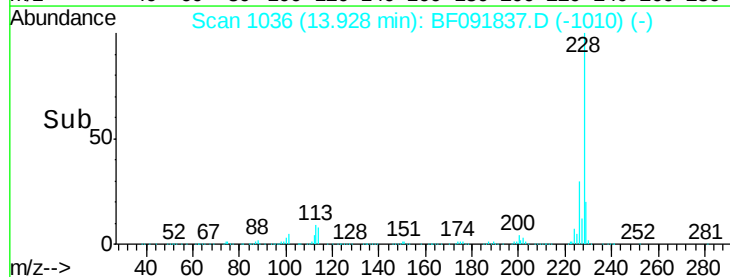
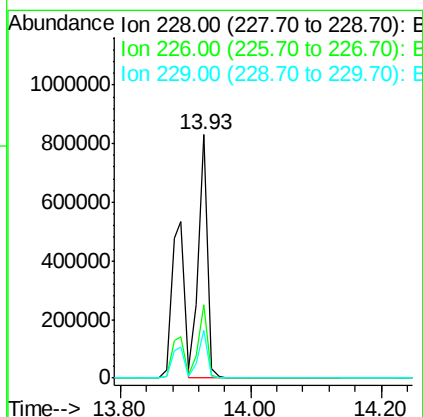
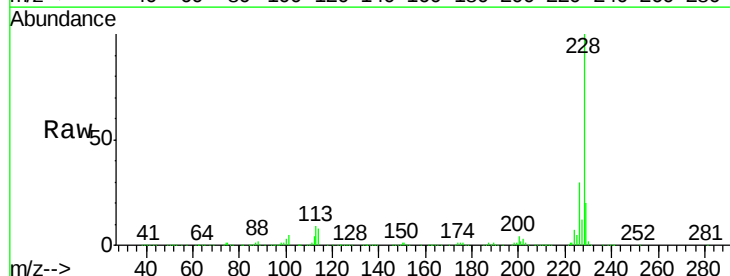
#81  
 3,3'-Dichlorobenzidine  
 Concen: 12.05 ng  
 RT: 13.86 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 52.3  | 78.5  |
| 126     | 7.4   | 13.6  | 20.4  |



#82  
 Chrysene  
 Concen: 17.19 ng  
 RT: 13.93 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

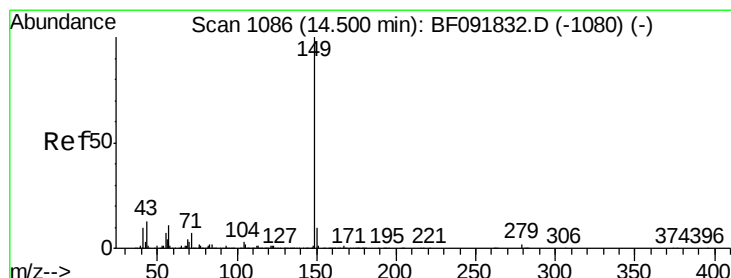
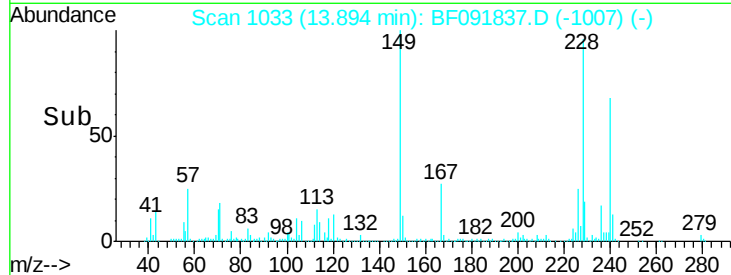
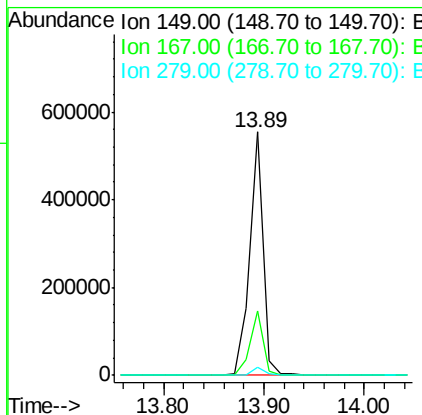
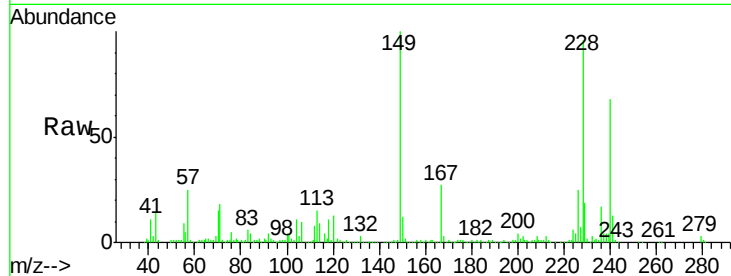
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 25.4  | 38.0  |
| 229     | 19.6  | 16.2  | 24.2  |





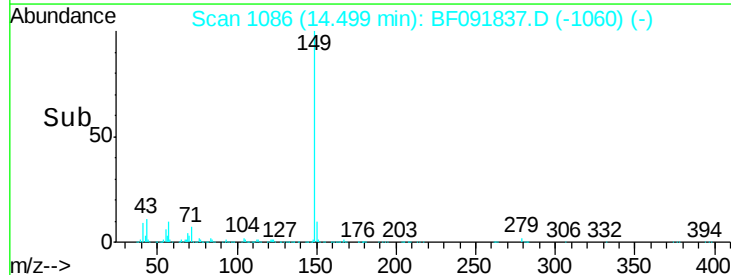
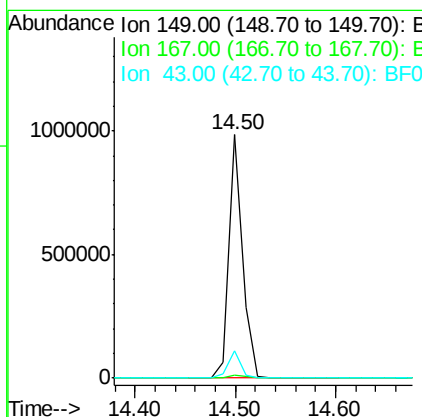
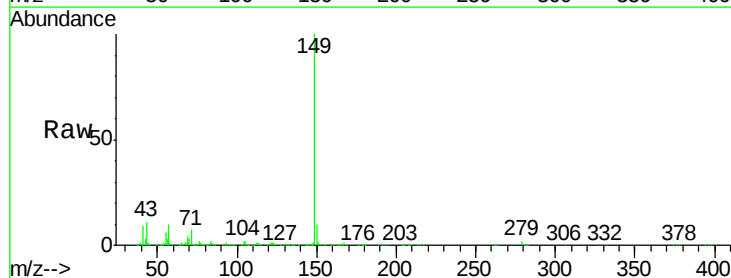
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 16.48 ng  
 RT: 13.89 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

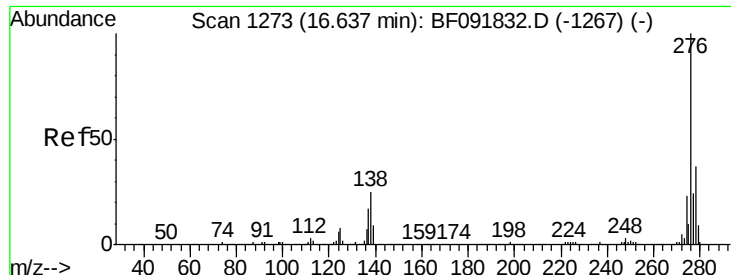
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 514316 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 26.6 | 20.2  | 30.4   |
| 279       | 3.3  | 1.8   | 2.8#   |



#84  
 Di-n-octyl phthalate  
 Concen: 16.03 ng  
 RT: 14.50 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

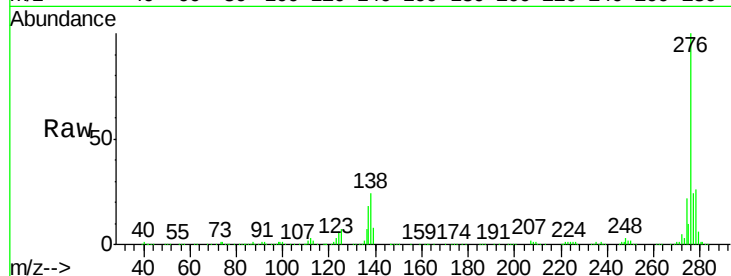
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 926633 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 1.5  | 1.3   | 1.9    |
| 43        | 10.9 | 8.9   | 13.3   |



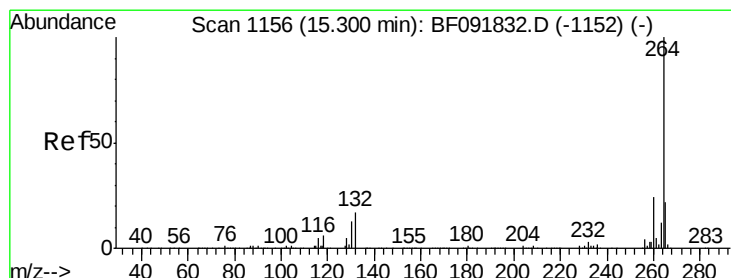
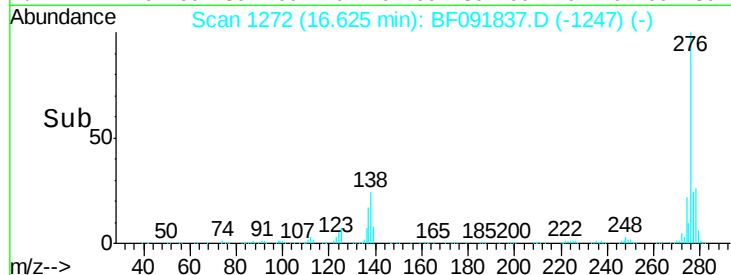
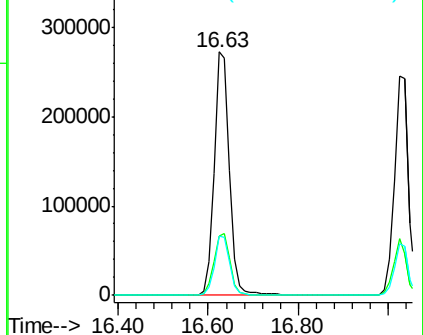


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 16.50 ng  
 RT: 16.63 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.7  | 21.8  | 32.6  |
| 277     | 24.6  | 20.2  | 30.4  |

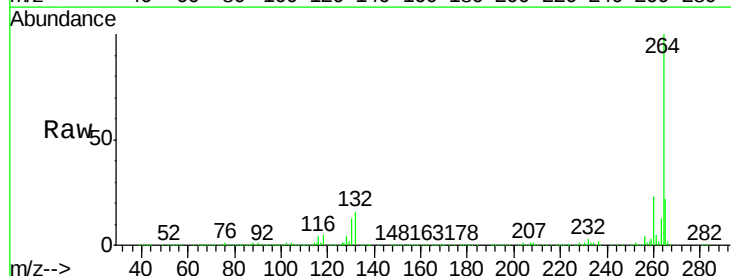


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

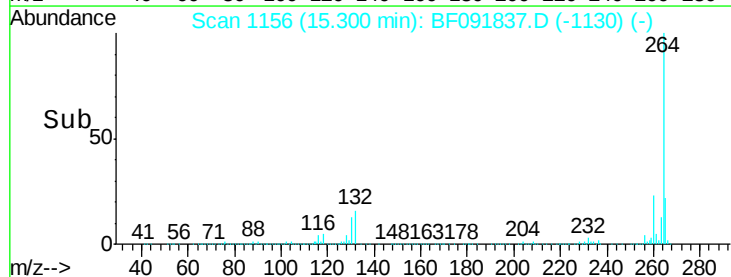
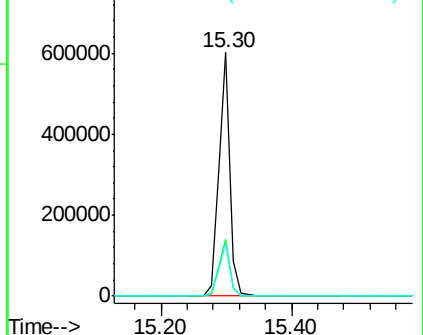


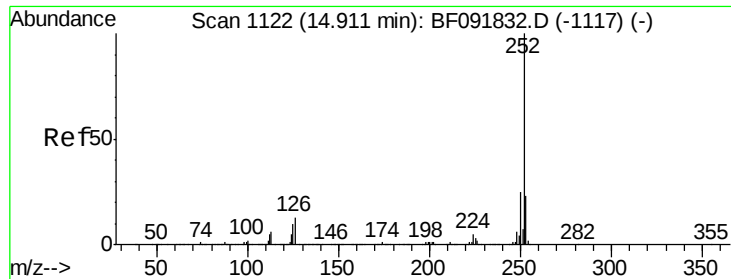
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.30 min Scan# 1156  
 Delta R.T. -0.00 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.2  | 28.8  |
| 265     | 21.7  | 17.4  | 26.0  |



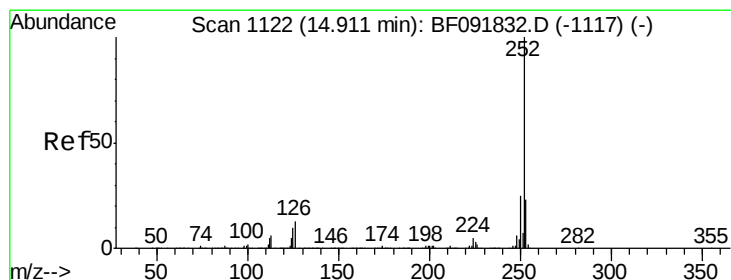
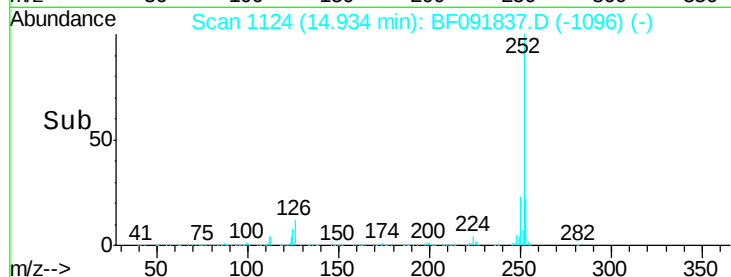
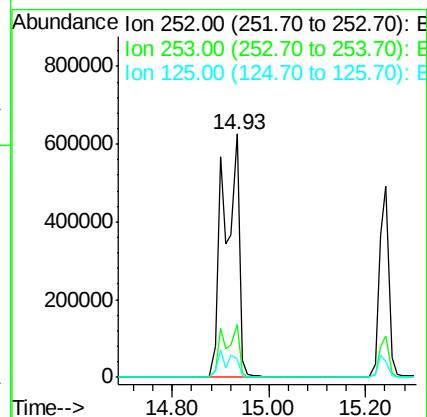
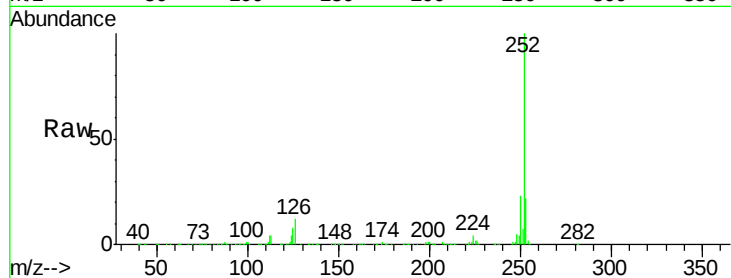
Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





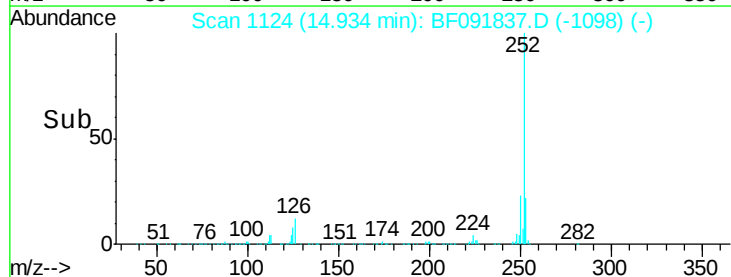
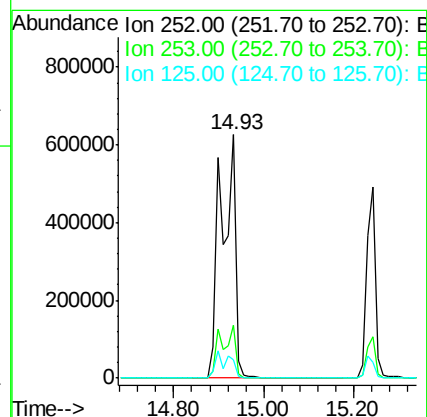
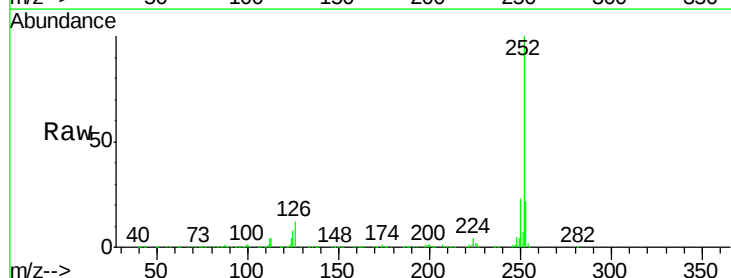
#87  
Benzo(b)fluoranthene  
Concen: 31.02 ng  
RT: 14.93 min Scan# 1124  
Delta R.T. 0.02 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

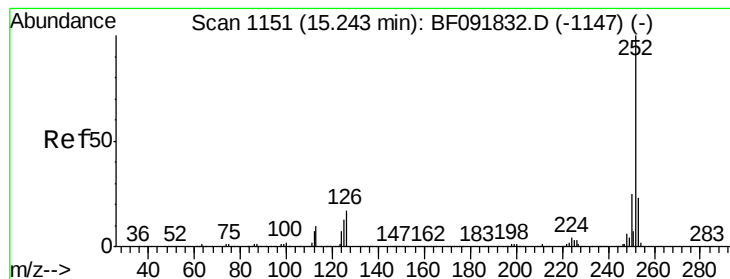
Tgt Ion:252 Resp: 1415040  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.2 27.4  
125 7.7 9.8 14.6#



#88  
Benzo(k)fluoranthene  
Concen: 36.39 ng  
RT: 14.93 min Scan# 1124  
Delta R.T. -0.00 min  
Lab File: BF091837.D  
Acq: 21 Dec 2016 17:00

Tgt Ion:252 Resp: 1415651  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.5 27.7  
125 7.7 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 16.40 ng

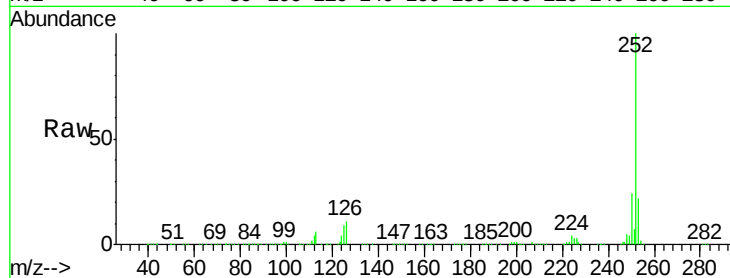
RT: 15.24 min Scan# 1151

Delta R.T. -0.00 min

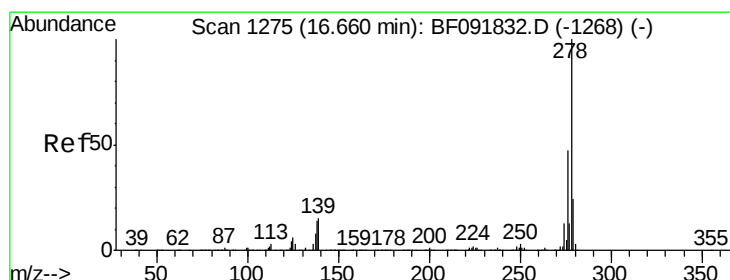
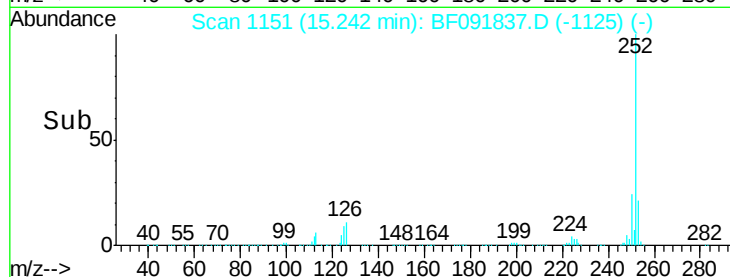
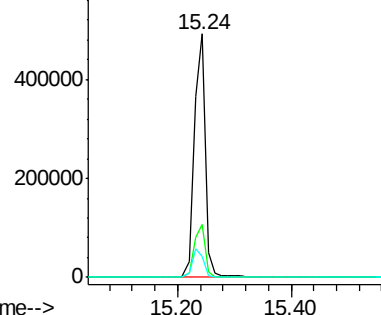
Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 664035 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.6  | 18.2  | 27.2   |
| 125      | 8.5   | 10.0  | 15.0#  |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 16.36 ng

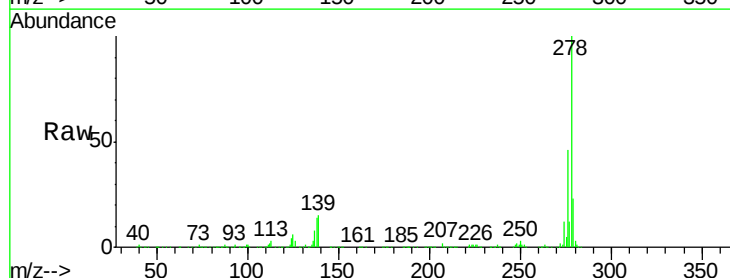
RT: 16.65 min Scan# 1274

Delta R.T. -0.01 min

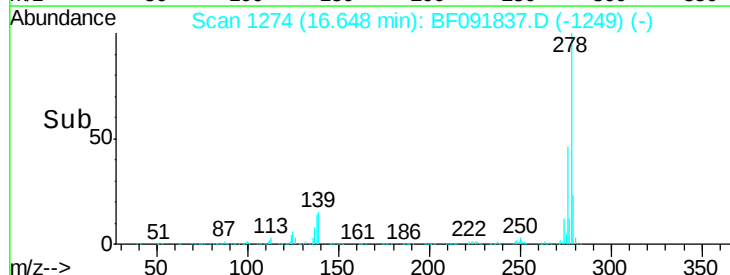
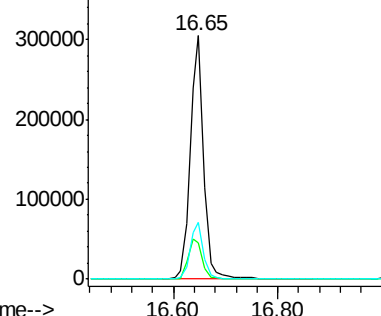
Lab File: BF091837.D

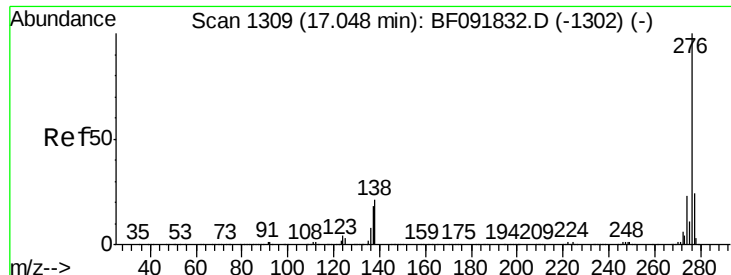
Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 544478 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 15.1  | 14.8  | 22.2   |
| 279      | 23.4  | 19.8  | 29.6   |



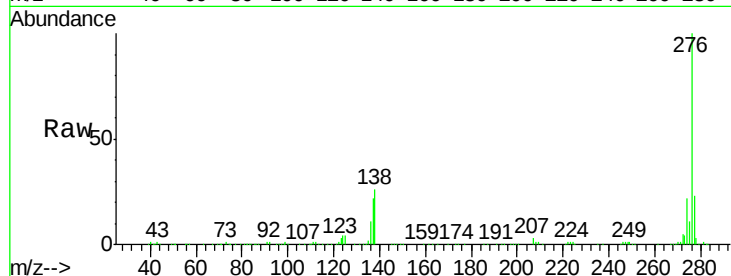
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 15.69 ng  
 RT: 17.03 min Scan# 1307  
 Delta R.T. -0.02 min  
 Lab File: BF091837.D  
 Acq: 21 Dec 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 542916 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.5  | 19.2  | 28.8   |
| 138      | 26.0  | 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

