

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111616\  
 Data File : BF091201.D  
 Acq On : 16 Nov 2016 21:17  
 Operator : UM/SJ  
 Sample : H5636-11MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

Quant Time: Nov 17 00:53:44 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 00:05:11 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 180405   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.92  | 136  | 816952   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.66  | 164  | 430407   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.15 | 188  | 681236   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 13.78 | 240  | 495944   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.15 | 264  | 353286   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.21  | 112 | 757152  | 69.31  | ng | 0.01 |
| 7) Phenol-d6             | 6.28  | 99  | 635319  | 42.85  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.20  | 82  | 1385750 | 92.53  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.46 | 330 | 630849  | 162.12 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 9.00  | 172 | 2531838 | 101.27 | ng | 0.01 |
| 78) Terphenyl-d14        | 12.74 | 244 | 2453039 | 123.43 | ng | 0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.12 | 88  | 98860   | 15.82 | ng | # 92   |
| 3) Pyridine                    | 2.77 | 79  | 223439  | 15.29 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.72 | 42  | 113809  | 19.68 | ng | 89     |
| 6) Aniline                     | 6.28 | 93  | 432782  | 24.75 | ng | 96     |
| 8) 2-Chlorophenol              | 6.41 | 128 | 562028  | 43.13 | ng | 91     |
| 9) Benzaldehyde                | 6.17 | 77  | 60955   | 7.41  | ng | 94     |
| 10) Phenol                     | 6.29 | 94  | 279711  | 17.05 | ng | 84     |
| 11) bis(2-Chloroethyl)ether    | 6.36 | 93  | 667751  | 48.29 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.56 | 146 | 647120  | 49.11 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.64 | 146 | 670855  | 47.44 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.80 | 146 | 646605  | 49.83 | ng | 96     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 330598  | 31.61 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45  | 858863  | 43.38 | ng | 56     |
| 17) 2-Methylphenol             | 6.91 | 107 | 365934  | 35.48 | ng | # 88   |
| 18) Hexachloroethane           | 7.13 | 117 | 322948  | 59.02 | ng | # 88   |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70  | 550394  | 53.57 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.07 | 107 | 429109  | 34.65 | ng | 98     |
| 22) Acetophenone               | 7.05 | 105 | 985281  | 52.38 | ng | # 93   |
| 24) Nitrobenzene               | 7.22 | 77  | 828116  | 50.07 | ng | 99     |
| 25) Isophorone                 | 7.46 | 82  | 1501847 | 52.04 | ng | 100    |
| 26) 2-Nitrophenol              | 7.54 | 139 | 387701  | 55.39 | ng | # 72   |
| 27) 2,4-Dimethylphenol         | 7.60 | 122 | 528155  | 45.63 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93  | 874778  | 55.49 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.79 | 162 | 525422  | 52.01 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 7.86 | 180 | 610063  | 53.71 | ng | 99     |
| 31) Naphthalene                | 7.94 | 128 | 2473995 | 63.32 | ng | 98     |
| 32) Benzoic acid               | 7.72 | 122 | 90860   | 14.07 | ng | 94     |
| 33) 4-Chloroaniline            | 8.00 | 127 | 325431  | 20.03 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.05 | 225 | 321896  | 52.50 | ng | 98     |
| 35) Caprolactam                | 8.42 | 113 | 16567   | 5.22  | ng | 87     |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107 | 549351  | 44.92 | ng | 88     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 1378372 | 54.88 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 592170  | 53.96 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 8.78 | 237 | 408494  | 94.60 | ng | 97     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111616\  
 Data File : BF091201.D  
 Acq On : 16 Nov 2016 21:17  
 Operator : UM/SJ  
 Sample : H5636-11MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

Quant Time: Nov 17 00:53:44 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 00:05:11 2016  
 Response via : Initial Calibration

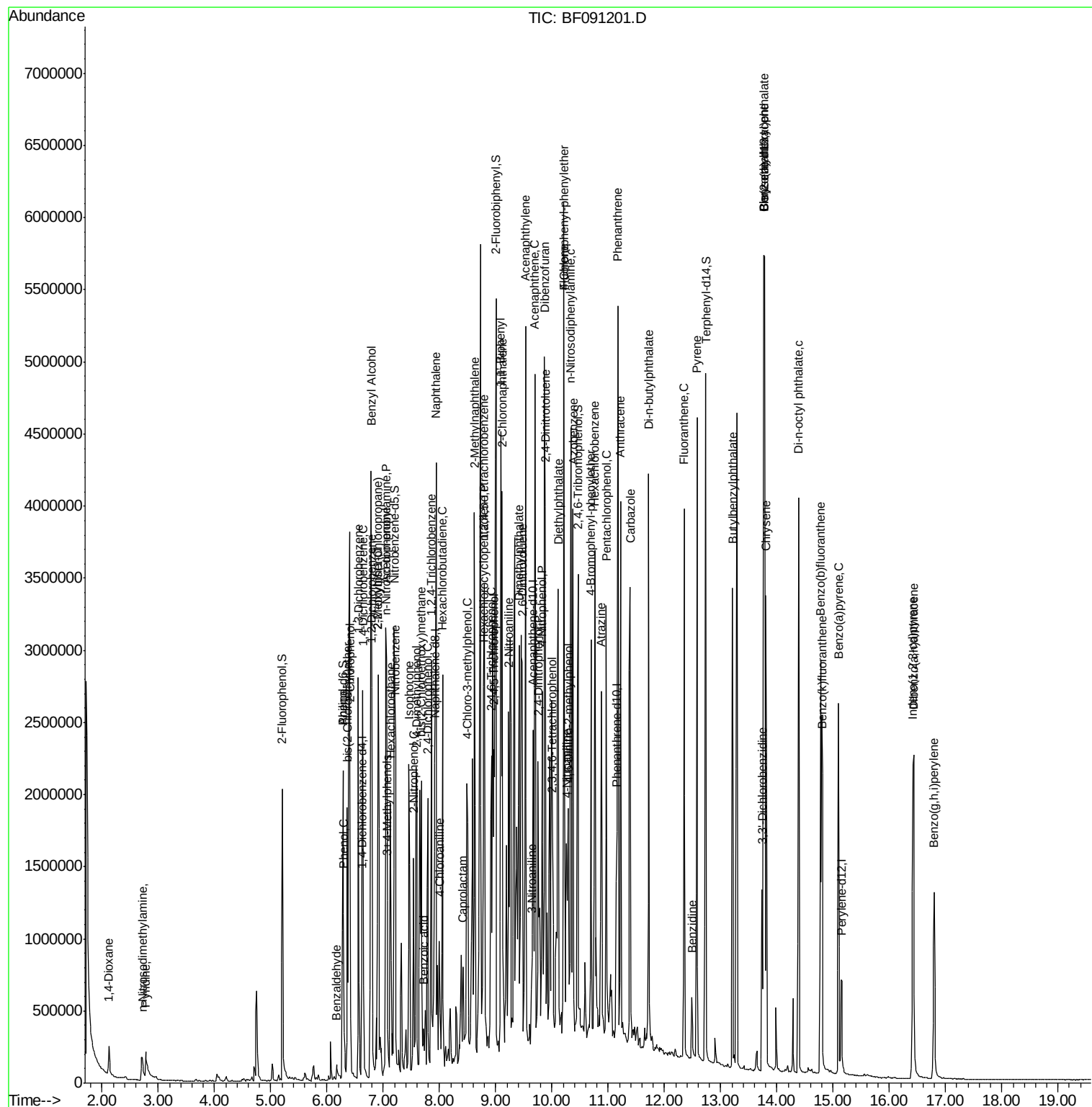
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.92  | 196  | 406091   | 57.32  | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 8.97  | 196  | 383636   | 51.58  | ng    | # 91     |
| 45) 1,1'-Biphenyl              | 9.09  | 154  | 1465661  | 46.64  | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.12  | 162  | 1199723  | 50.28  | ng    | 99       |
| 47) 2-Nitroaniline             | 9.23  | 65   | 474239   | 53.56  | ng    | 90       |
| 48) Acenaphthylene             | 9.53  | 152  | 1735543  | 46.67  | ng    | 97       |
| 49) Dimethylphthalate          | 9.41  | 163  | 1568976  | 55.59  | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.47  | 165  | 305848   | 50.57  | ng    | 87       |
| 51) Acenaphthene               | 9.70  | 154  | 1138049  | 48.75  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.64  | 138  | 140220   | 19.55  | ng    | 84       |
| 53) 2,4-Dinitrophenol          | 9.76  | 184  | 317980   | 95.22  | ng    | 94       |
| 54) Dibenzofuran               | 9.87  | 168  | 1723694  | 54.85  | ng    | 98       |
| 55) 4-Nitrophenol              | 9.82  | 139  | 128046m  | 30.62  | ng    |          |
| 56) 2,4-Dinitrotoluene         | 9.88  | 165  | 481776   | 62.60  | ng    | # 92     |
| 57) Fluorene                   | 10.21 | 166  | 1244033  | 48.43  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.01 | 232  | 328114   | 56.31  | ng    | # 99     |
| 59) Diethylphthalate           | 10.11 | 149  | 1595975  | 55.16  | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.21 | 204  | 613112   | 52.44  | ng    | 94       |
| 61) 4-Nitroaniline             | 10.26 | 138  | 310010   | 42.73  | ng    | 98       |
| 62) Azobenzene                 | 10.37 | 77   | 1690299  | 49.62  | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.29 | 198  | 229297   | 54.97  | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 10.34 | 169  | 1322846  | 61.09  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.69 | 248  | 401305   | 56.63  | ng    | 94       |
| 67) Hexachlorobenzene          | 10.76 | 284  | 451051   | 57.71  | ng    | 98       |
| 68) Atrazine                   | 10.88 | 200  | 325134   | 52.05  | ng    | 97       |
| 69) Pentachlorophenol          | 10.97 | 266  | 458601   | 132.49 | ng    | 100      |
| 70) Phenanthrene               | 11.17 | 178  | 2074467  | 57.28  | ng    | 98       |
| 71) Anthracene                 | 11.22 | 178  | 1990251  | 51.69  | ng    | 99       |
| 72) Carbazole                  | 11.39 | 167  | 1880021  | 54.19  | ng    | 97       |
| 73) Di-n-butylphthalate        | 11.72 | 149  | 2085034  | 47.78  | ng    | # 98     |
| 74) Fluoranthene               | 12.35 | 202  | 1857986  | 49.47  | ng    | 97       |
| 76) Benzidine                  | 12.49 | 184  | 224460   | 20.26  | ng    | 98       |
| 77) Pyrene                     | 12.58 | 202  | 1787194  | 55.03  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.21 | 149  | 948201   | 61.03  | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.77 | 228  | 1576556  | 55.99  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.73 | 252  | 313010   | 31.64  | ng    | # 96     |
| 82) Chrysene                   | 13.80 | 228  | 1538492  | 55.41  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149  | 1250039  | 59.46  | ng    | # 94     |
| 84) Di-n-octyl phthalate       | 14.39 | 149  | 1972799  | 57.07  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.42 | 276  | 1195689  | 51.90  | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 14.77 | 252  | 1287792m | 53.74  | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.81 | 252  | 1338613m | 63.69  | ng    |          |
| 89) Benzo(a)pyrene             | 15.09 | 252  | 1141058  | 54.70  | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 16.43 | 278  | 1015503  | 56.32  | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 16.80 | 276  | 959007   | 58.81  | ng    | 95       |

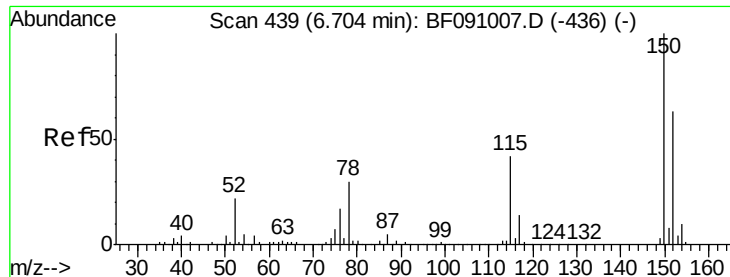
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111616\  
Data File : BF091201.D  
Acq On : 16 Nov 2016 21:17  
Operator : UM/SJ  
Sample : H5636-11MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

Quant Time: Nov 17 00:53:44 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 00:05:11 2016  
Response via : Initial Calibration



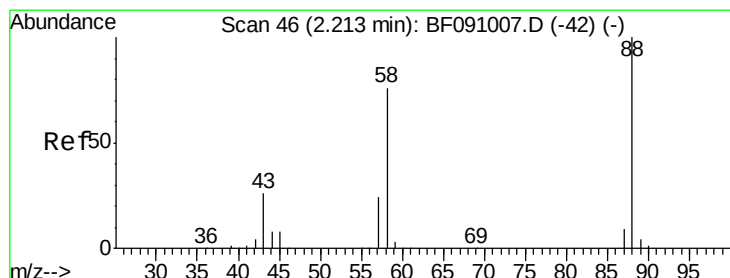
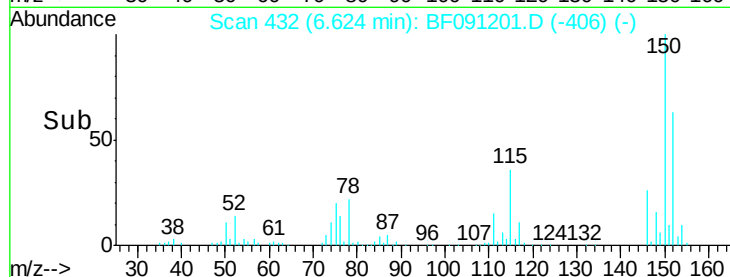
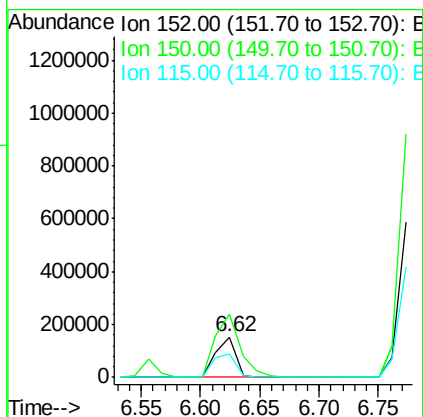
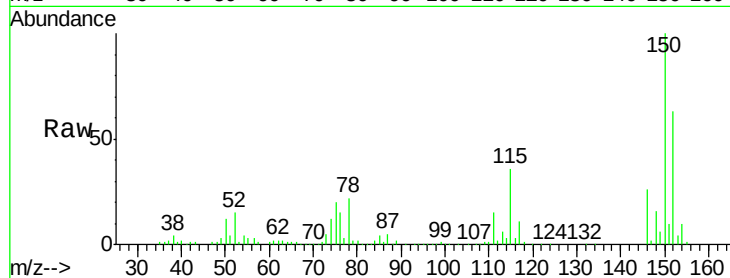


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.62 min Scan# 432  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

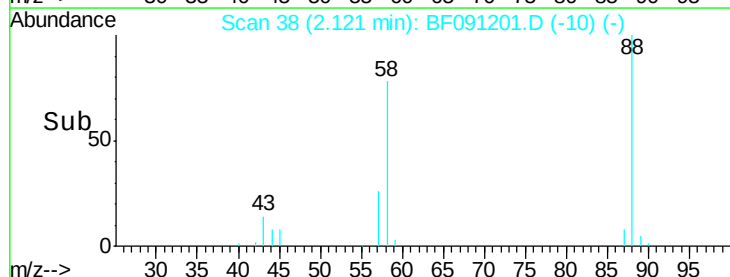
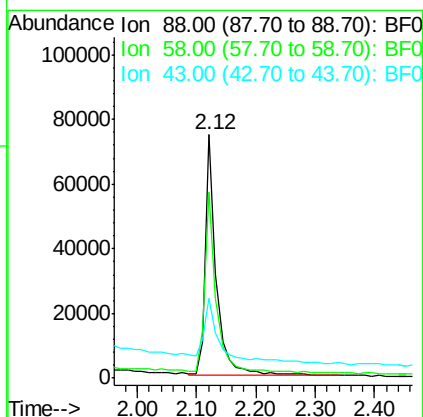
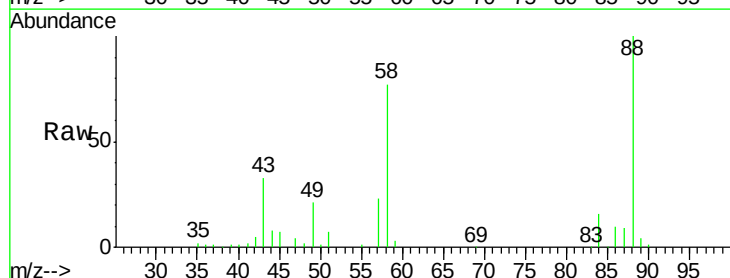
Tgt Ion: 152 Resp: 180405  
Ion Ratio Lower Upper  
152 100  
150 158.4 126.8 190.2  
115 57.5 53.3 79.9

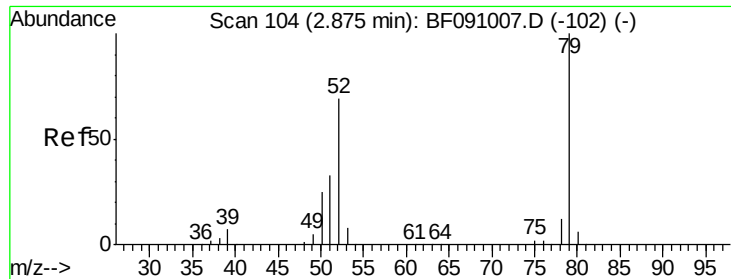


#2

1,4-Dioxane  
Concen: 15.82 ng  
RT: 2.12 min Scan# 38  
Delta R.T. 0.02 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion: 88 Resp: 98860  
Ion Ratio Lower Upper  
88 100  
58 79.1 63.8 95.6  
43 43.4 22.6 33.8#





#3

Pyridine

Concen: 15.29 ng

RT: 2.77 min Scan# 95

Delta R.T. 0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

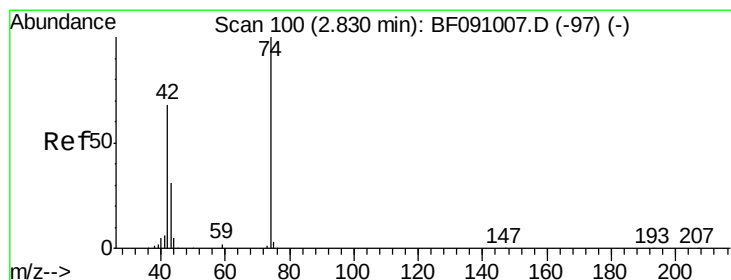
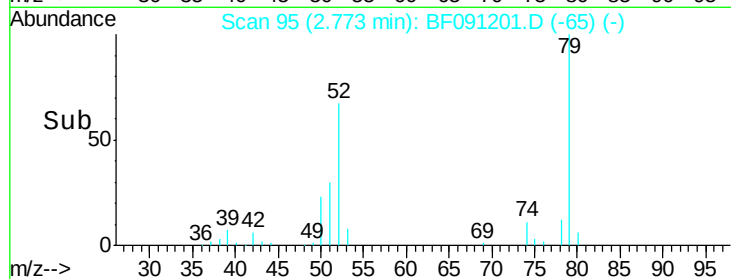
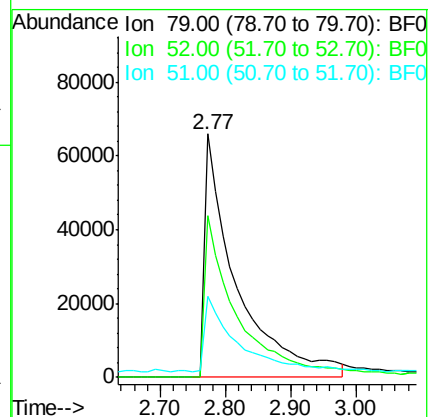
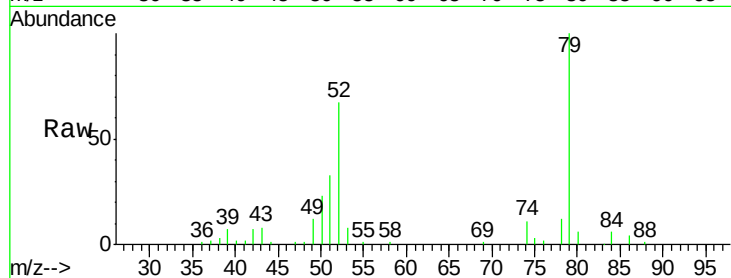
Tgt Ion: 79 Resp: 223439

Ion Ratio Lower Upper

79 100

52 66.6 55.4 83.0

51 33.5 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 19.68 ng

RT: 2.72 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

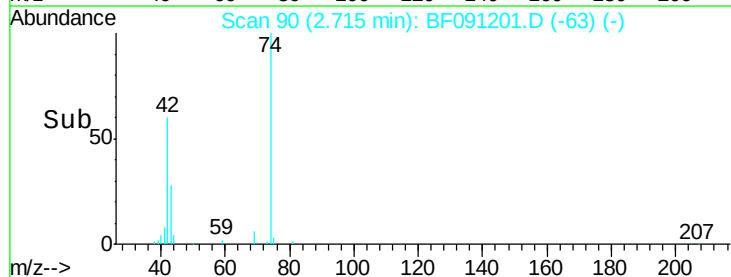
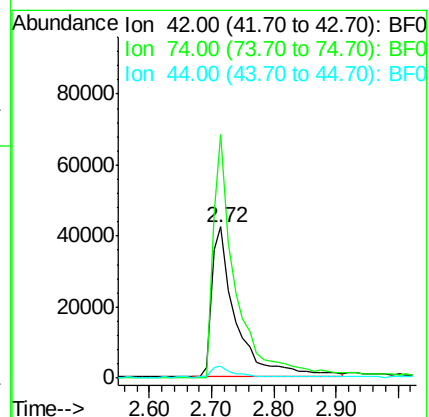
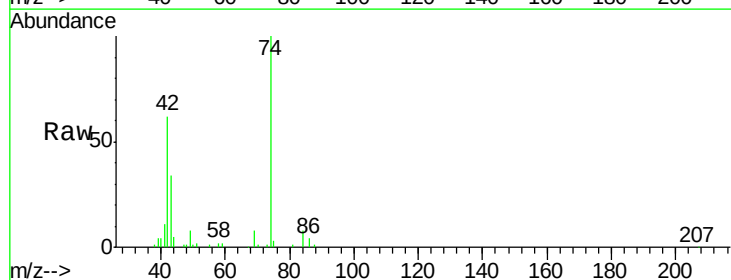
Tgt Ion: 42 Resp: 113809

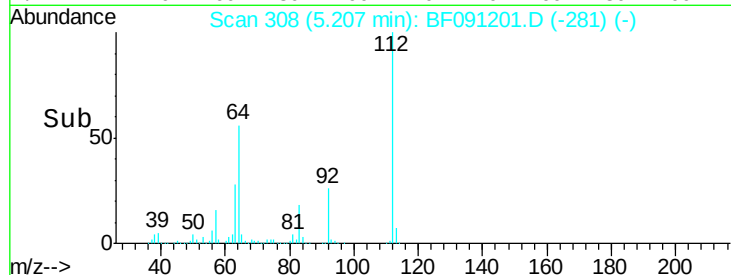
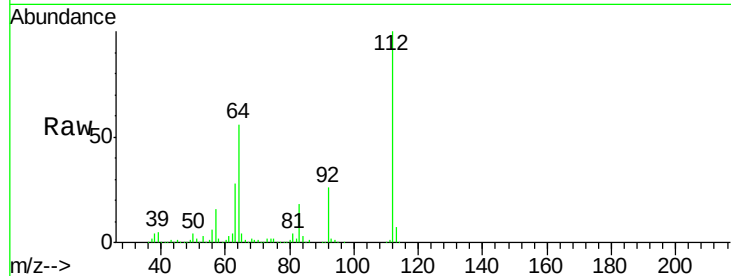
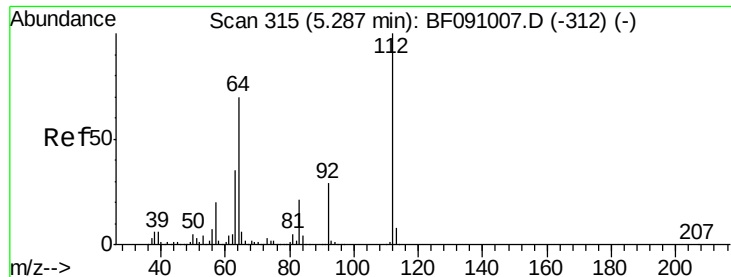
Ion Ratio Lower Upper

42 100

74 161.2 117.3 175.9

44 7.7 5.8 8.8

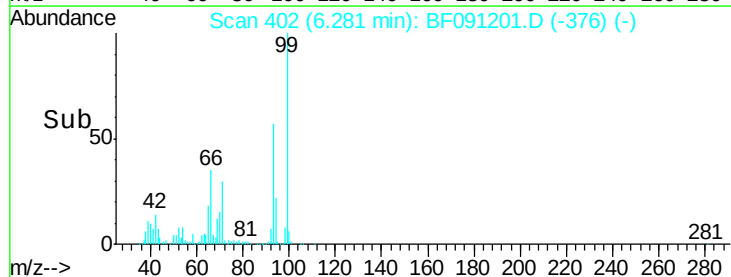
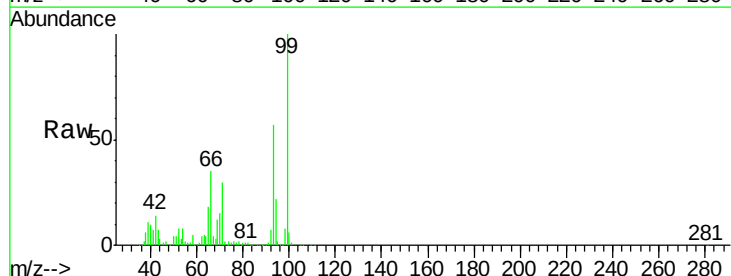
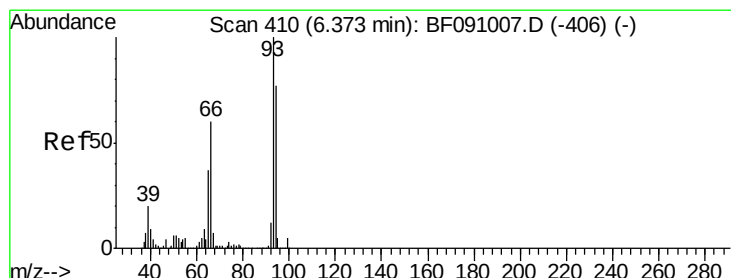
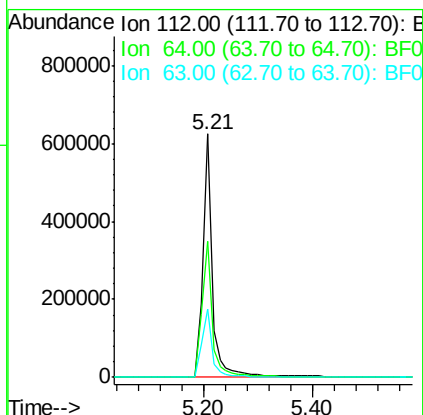




#5  
2-Fluorophenol  
Concen: 69.31 ng  
RT: 5.21 min Scan# 308  
Delta R.T. 0.01 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

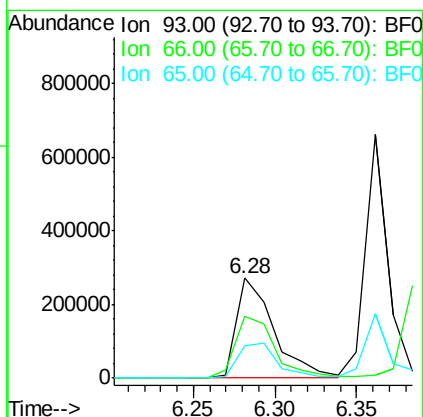
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

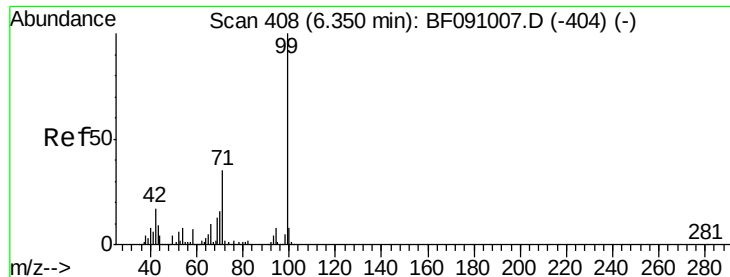
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.1  | 55.8  | 83.6  |
| 63      | 28.0  | 28.0  | 42.0  |



#6  
Aniline  
Concen: 24.75 ng  
RT: 6.28 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 61.8  | 48.2  | 72.2  |
| 65      | 32.3  | 29.4  | 44.0  |





#7

Phenol-d6

Concen: 42.85 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

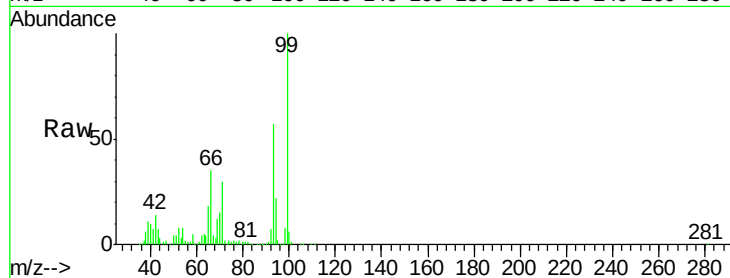
Tgt Ion: 99 Resp: 635319

Ion Ratio Lower Upper

99 100

42 13.9 13.9 20.9

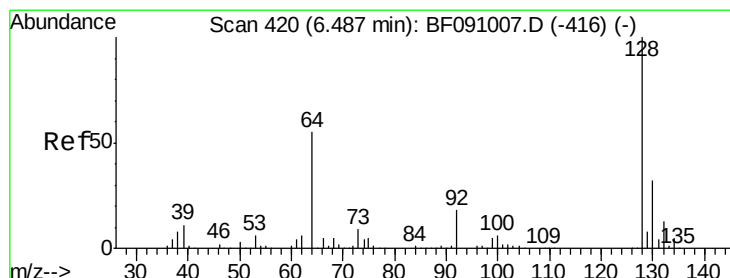
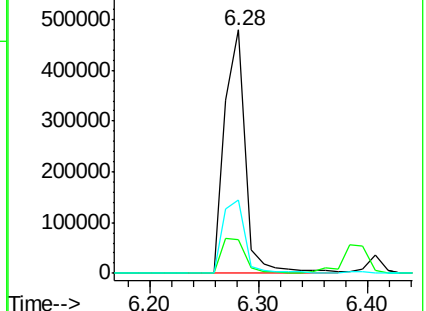
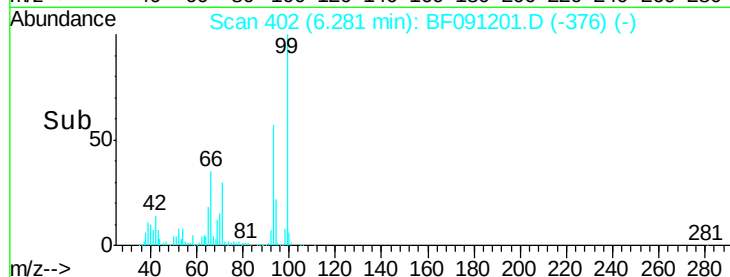
71 30.0 27.8 41.8



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: 43.13 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

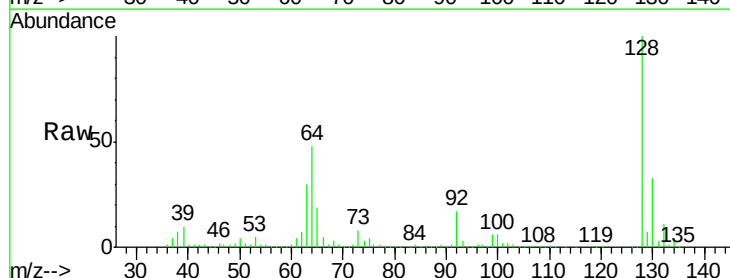
Tgt Ion: 128 Resp: 562028

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

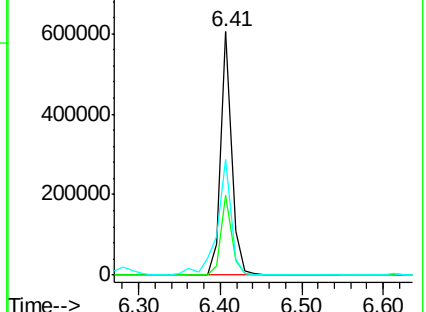
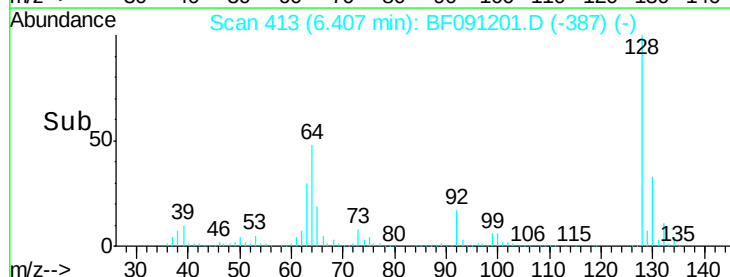
64 47.6 37.2 77.2



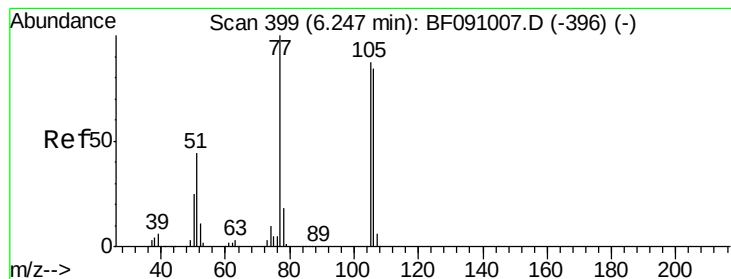
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 7.41 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

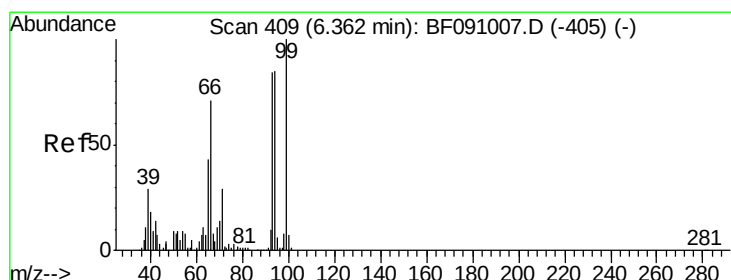
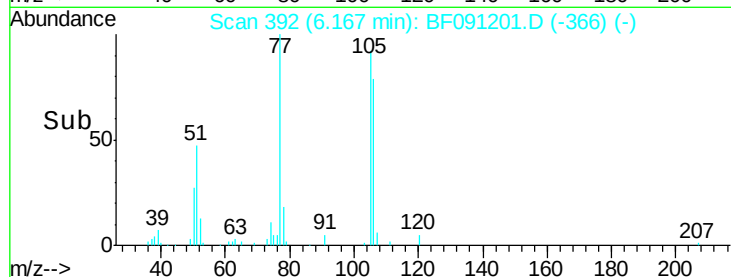
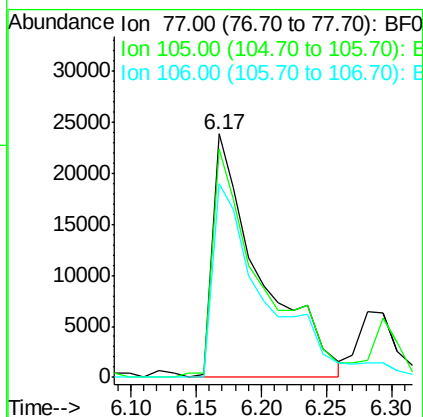
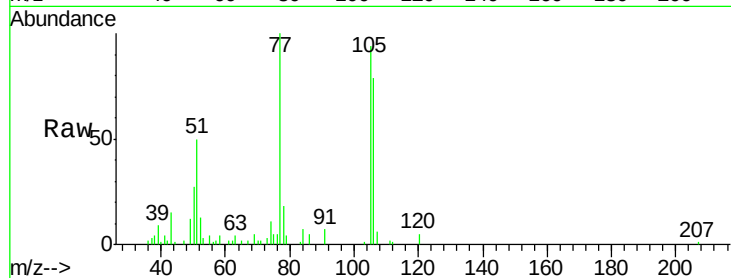
Tgt Ion: 77 Resp: 60955

Ion Ratio Lower Upper

77 100

105 93.7 66.8 106.8

106 79.4 64.0 104.0



#10

Phenol

Concen: 17.05 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

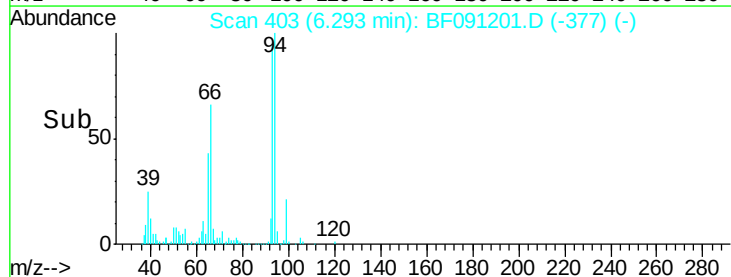
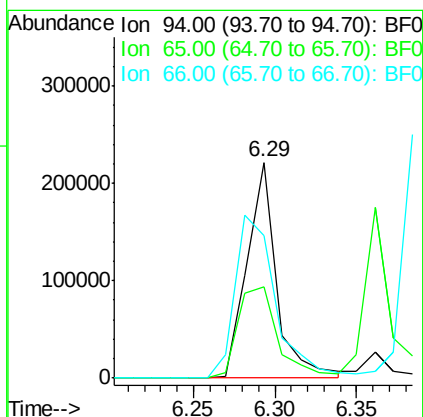
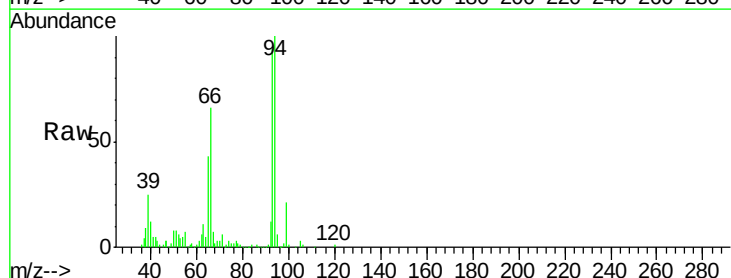
Tgt Ion: 94 Resp: 279711

Ion Ratio Lower Upper

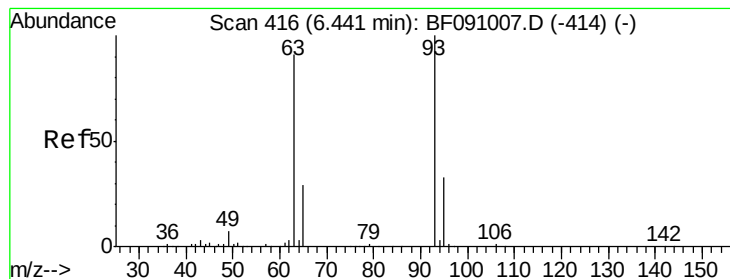
94 100

65 42.6 30.4 70.4

66 66.2 62.9 102.9







#11

bis(2-Chloroethyl)ether

Concen: 48.29 ng

RT: 6.36 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

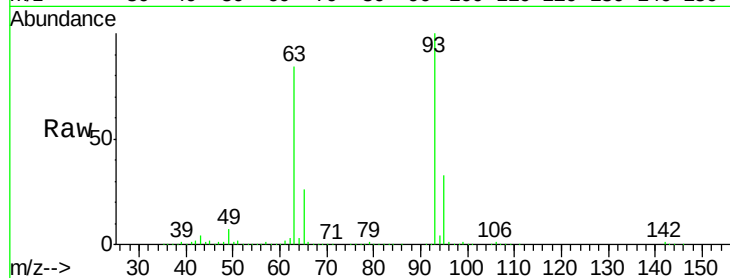
Tgt Ion: 93 Resp: 667751

Ion Ratio Lower Upper

93 100

63 83.6 68.9 108.9

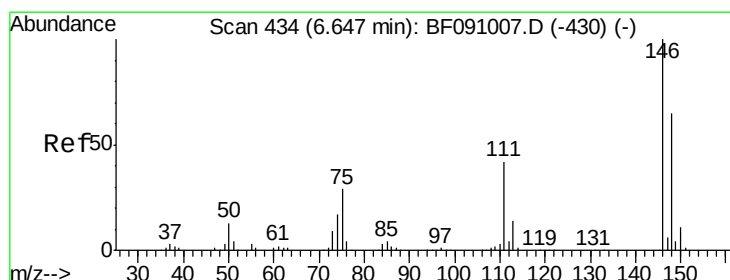
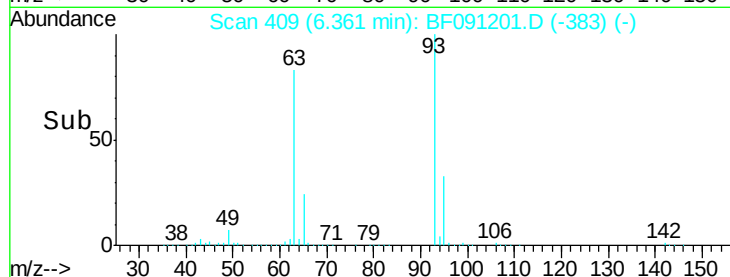
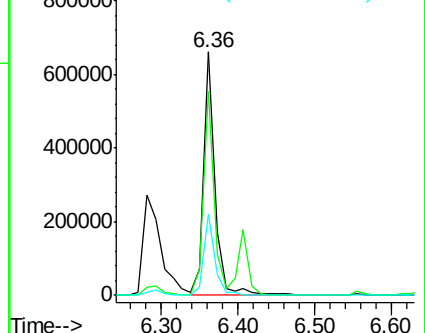
95 33.2 12.3 52.3



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: 49.11 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

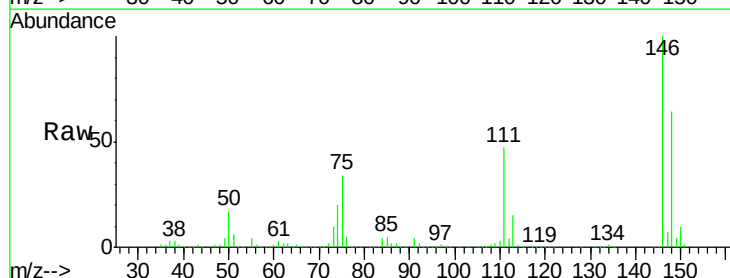
Tgt Ion: 146 Resp: 647120

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

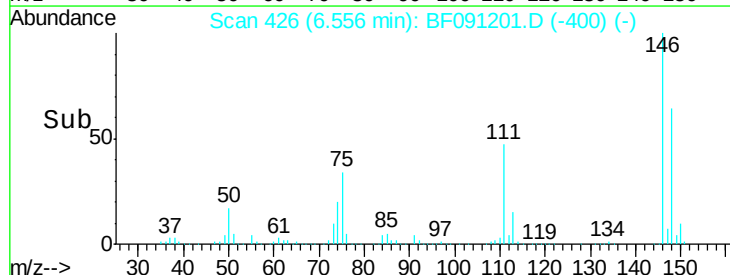
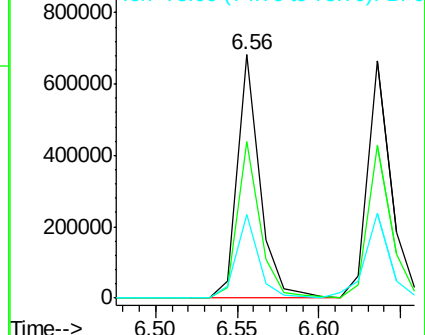
75 34.3 23.0 34.6

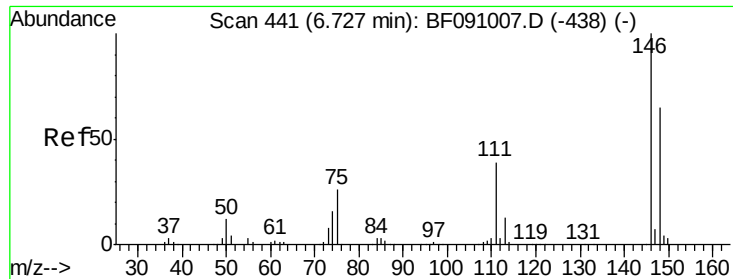


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

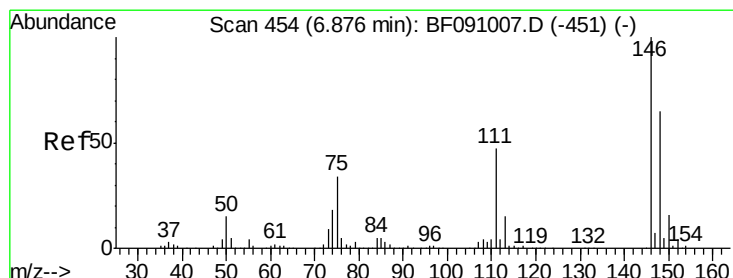
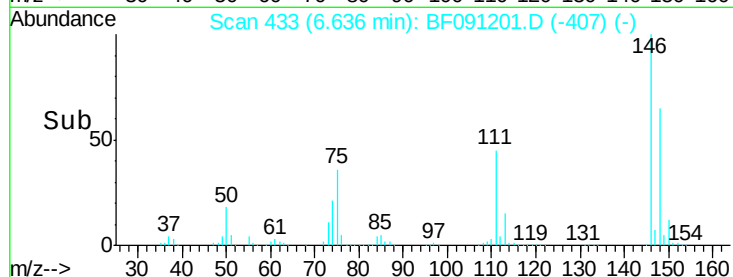
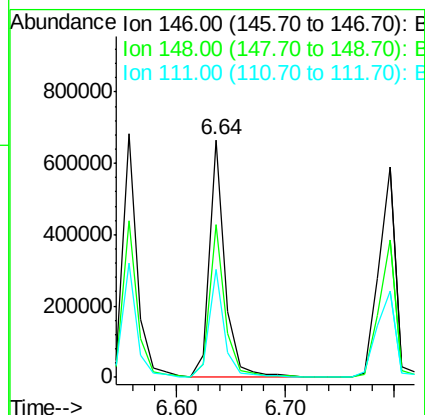
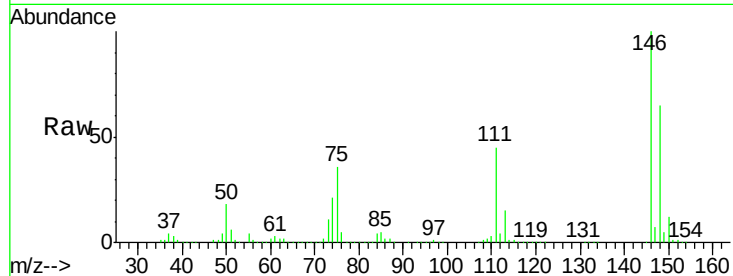




#13  
 1,4-Dichlorobenzene  
 Concen: 47.44 ng  
 RT: 6.64 min Scan# 433  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

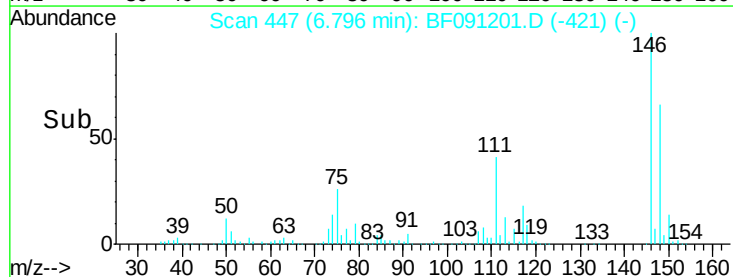
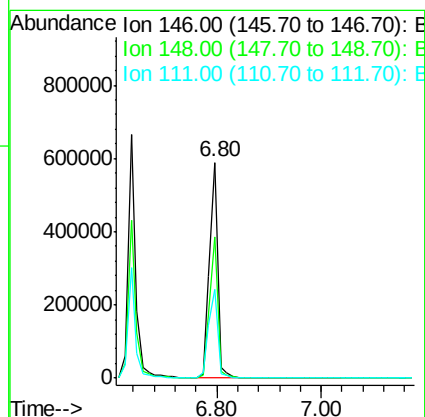
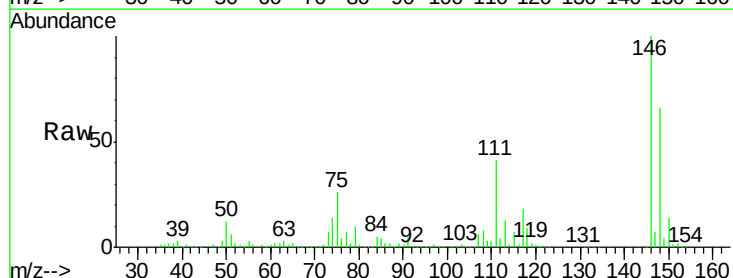
Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

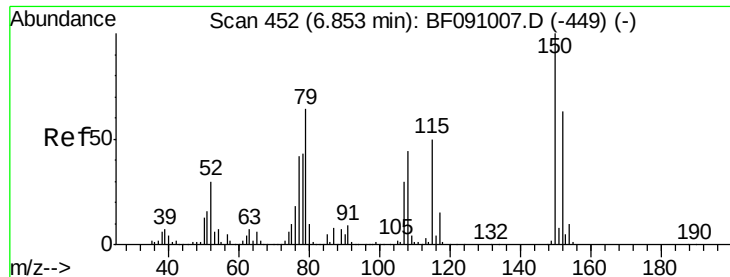
Tgt Ion:146 Resp: 670855  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 52.1 78.1  
 111 45.3 31.6 47.4



#14  
 1,2-Dichlorobenzene  
 Concen: 49.83 ng  
 RT: 6.80 min Scan# 447  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Tgt Ion:146 Resp: 646605  
 Ion Ratio Lower Upper  
 146 100  
 148 65.6 51.6 77.4  
 111 40.9 37.3 55.9





#15

Benzyl Alcohol

Concen: 31.61 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

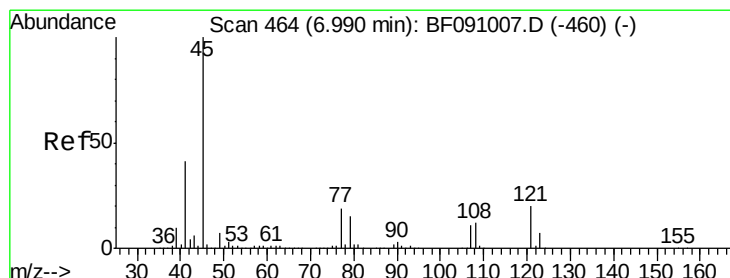
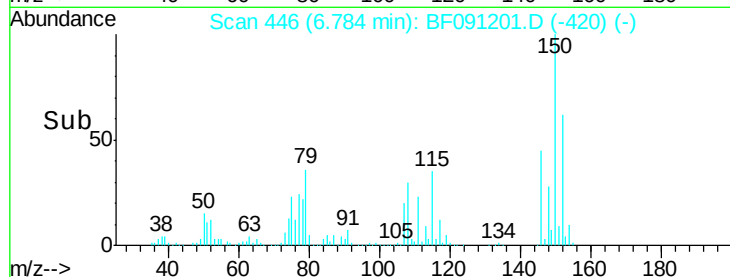
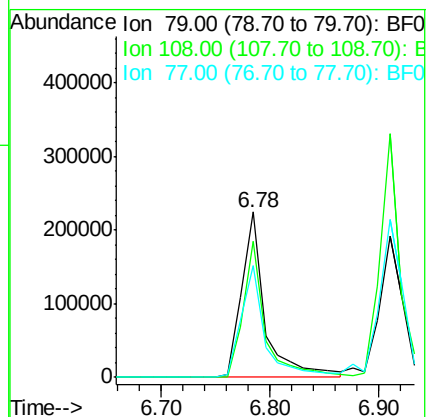
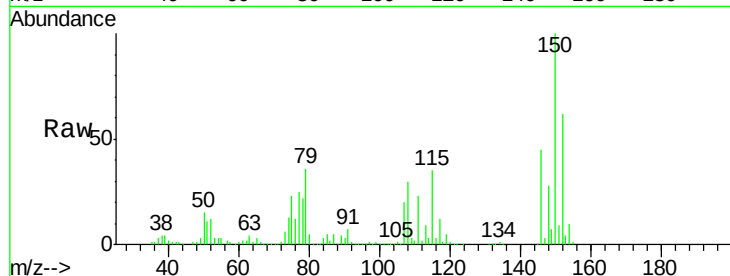
Tgt Ion: 79 Resp: 330598

Ion Ratio Lower Upper

79 100

108 82.8 55.7 83.5

77 67.7 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.38 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

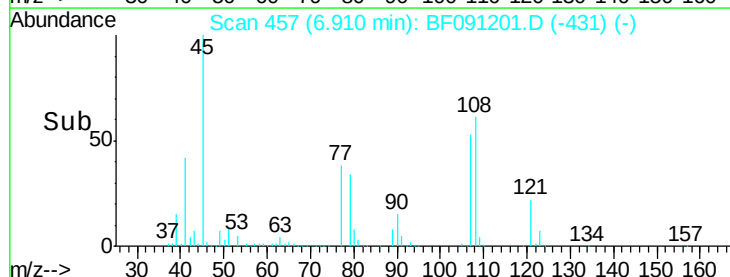
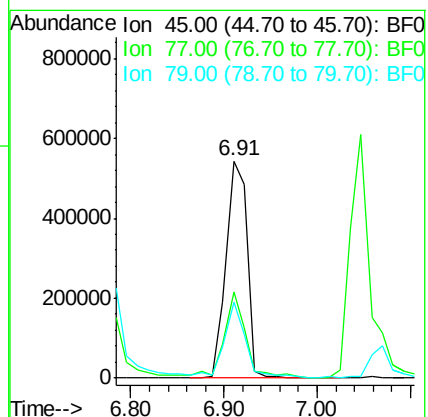
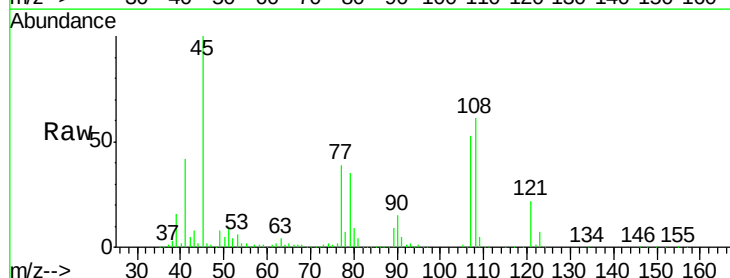
Tgt Ion: 45 Resp: 858863

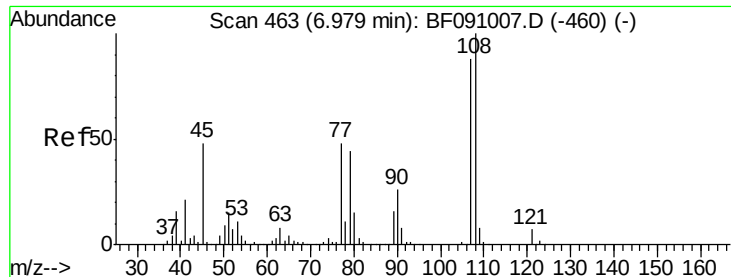
Ion Ratio Lower Upper

45 100

77 39.5 0.0 39.6

79 35.2 0.0 35.9

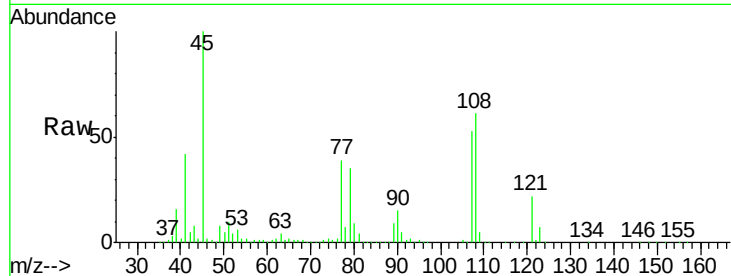




#17  
2-Methylphenol  
Concen: 35.48 ng  
RT: 6.91 min Scan# 457  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.4 | 91.0  | 136.6 |
| 77      | 74.3  | 43.8  | 65.8# |
| 79      | 66.3  | 40.6  | 60.8# |



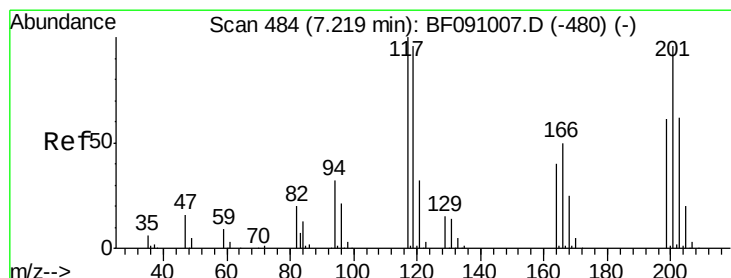
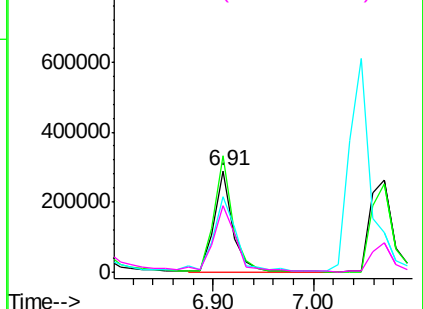
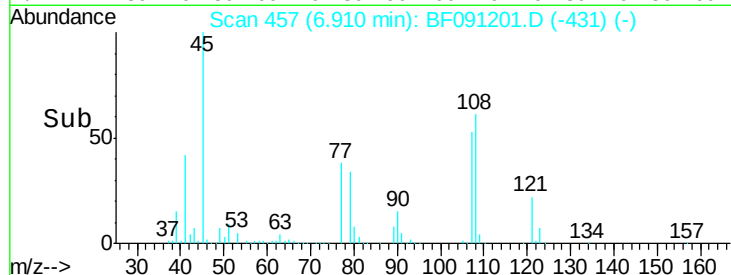
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

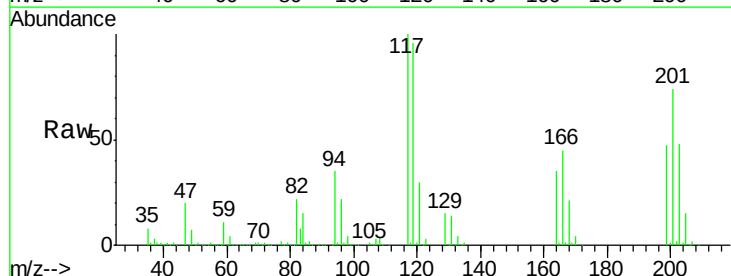
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 59.02 ng  
RT: 7.13 min Scan# 476  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 95.8  | 76.6  | 115.0  |
| 201     | 73.8  | 77.1  | 115.7# |

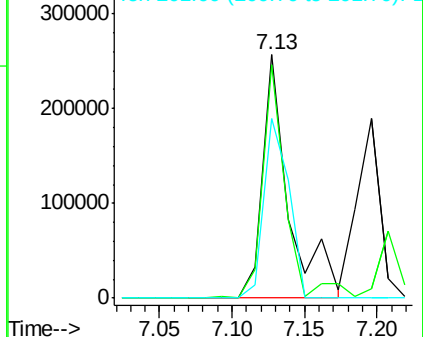
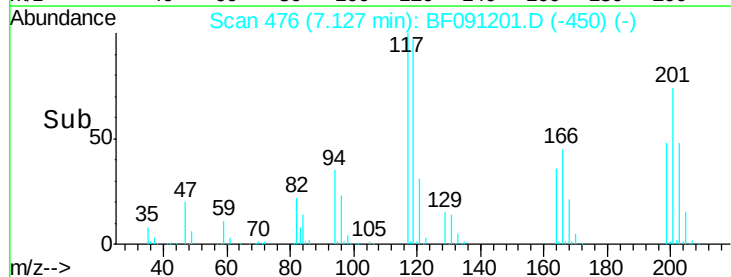


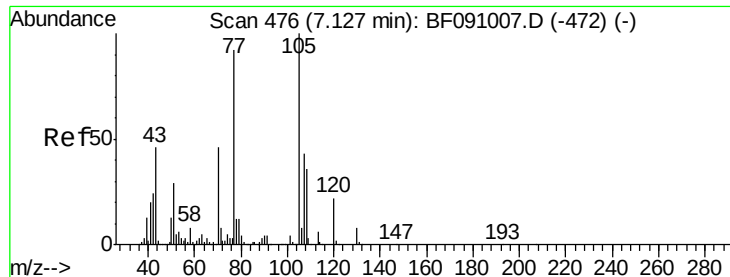
Abundance

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

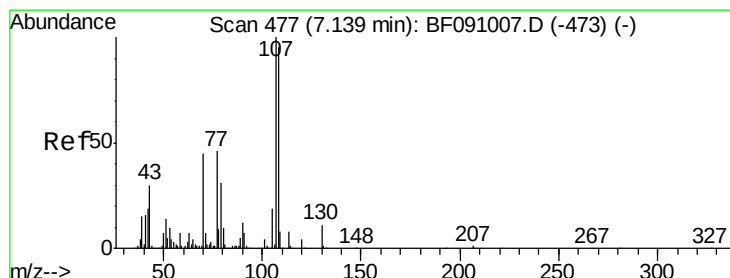
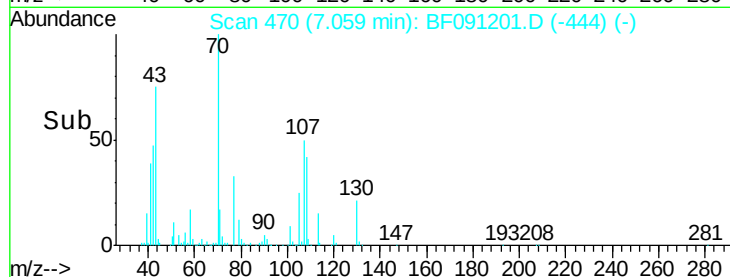
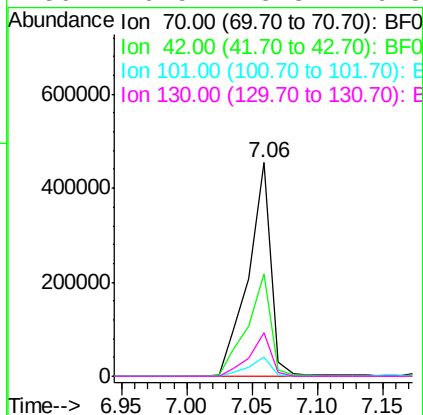
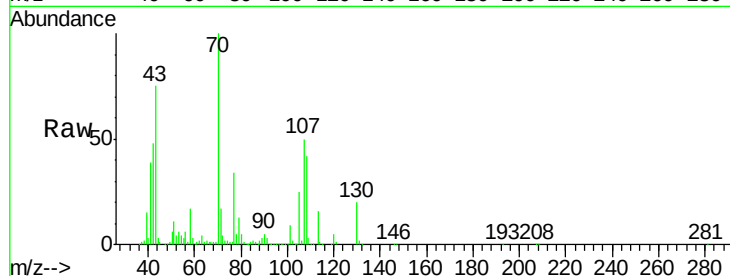




#19  
n-Nitroso-di-n-propylamine  
Concen: 53.57 ng  
RT: 7.06 min Scan# 470  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

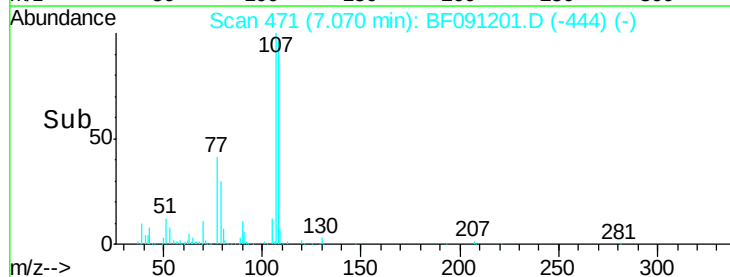
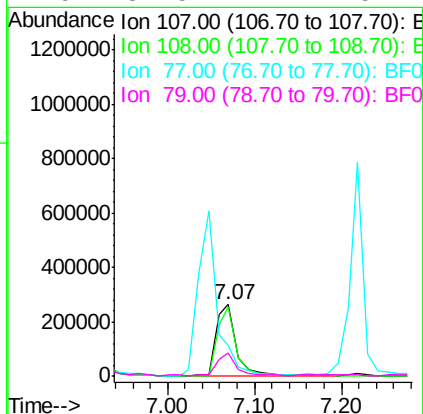
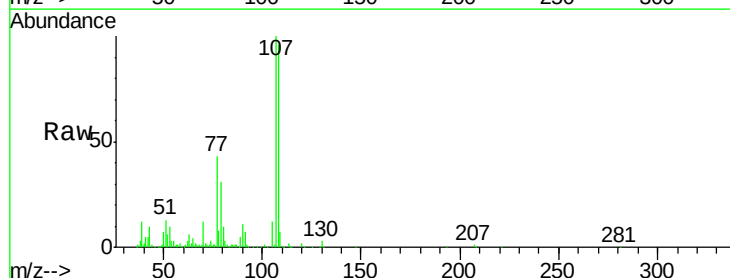
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

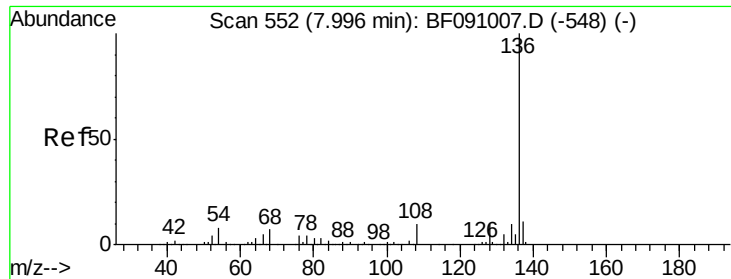
Tgt Ion: 70 Resp: 550394  
Ion Ratio Lower Upper  
70 100  
42 47.7 41.7 62.5  
101 9.3 6.7 10.1  
130 20.5 13.8 20.8



#20  
3+4-Methylphenols  
Concen: 34.65 ng  
RT: 7.07 min Scan# 471  
Delta R.T. 0.01 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion: 107 Resp: 429109  
Ion Ratio Lower Upper  
107 100  
108 96.5 75.5 115.5  
77 42.9 26.4 66.4  
79 31.5 11.1 51.1

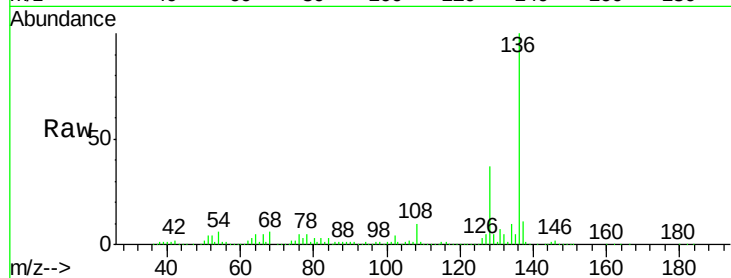




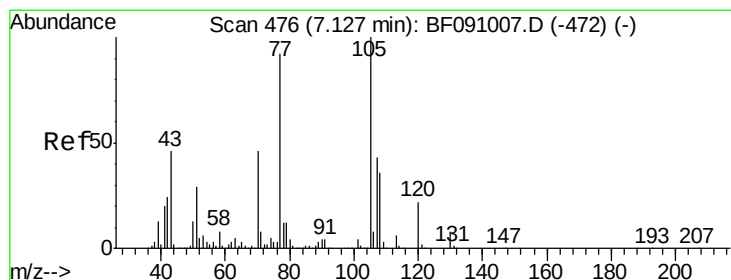
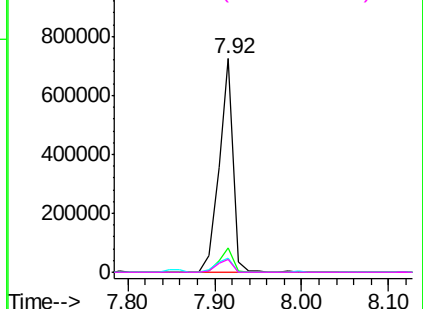
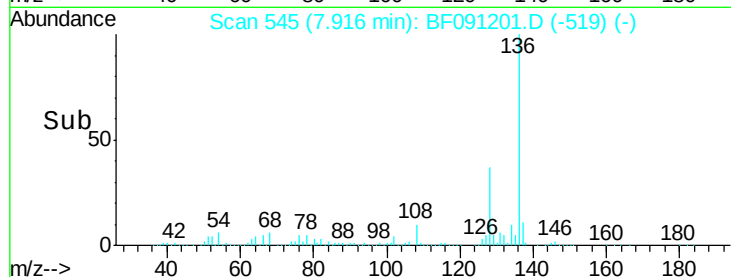
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.92 min Scan# 545  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 816952 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.9   | 13.3   |
| 54       | 6.4   | 6.2   | 9.2    |
| 68       | 6.1   | 5.5   | 8.3    |

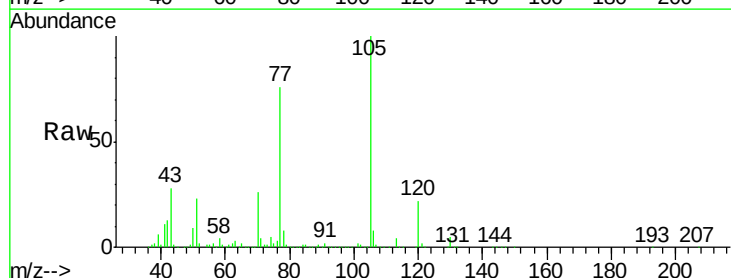


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

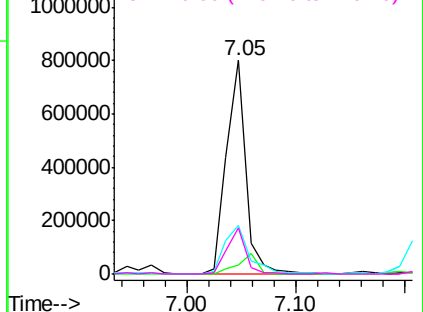
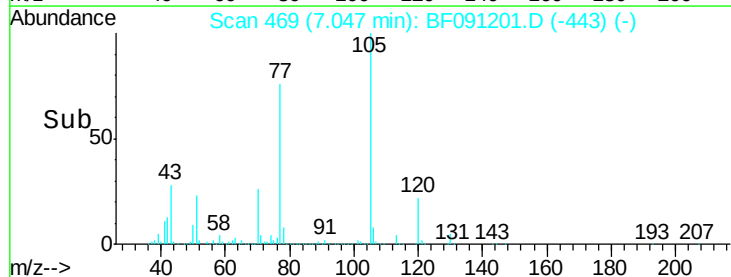


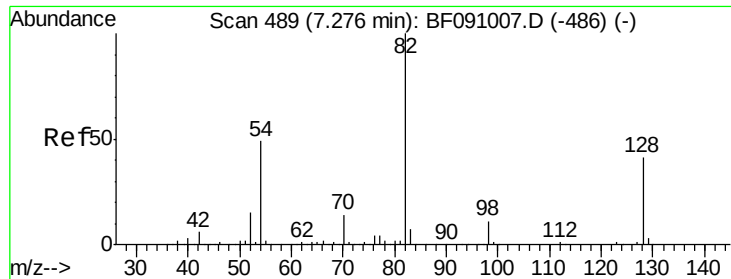
#22  
Acetophenone  
Concen: 52.38 ng  
RT: 7.05 min Scan# 469  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 985281 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 4.3   | 6.2   | 9.2#   |
| 51       | 22.7  | 23.3  | 34.9#  |
| 120      | 21.7  | 17.4  | 26.0   |



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

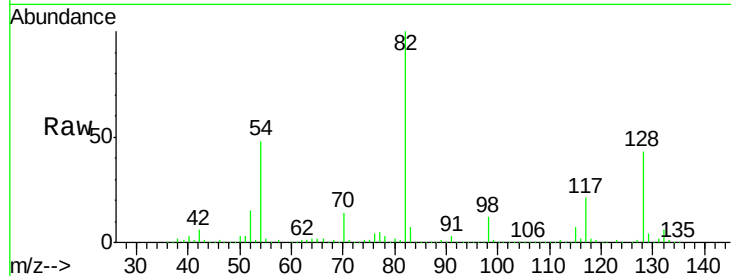




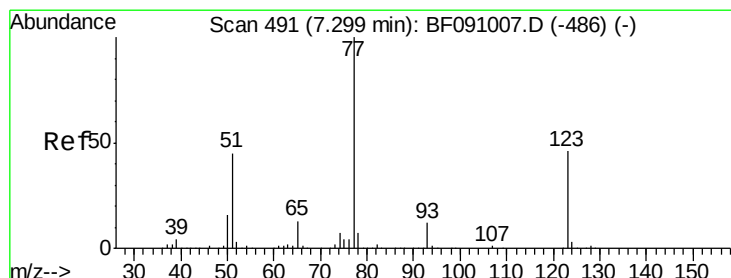
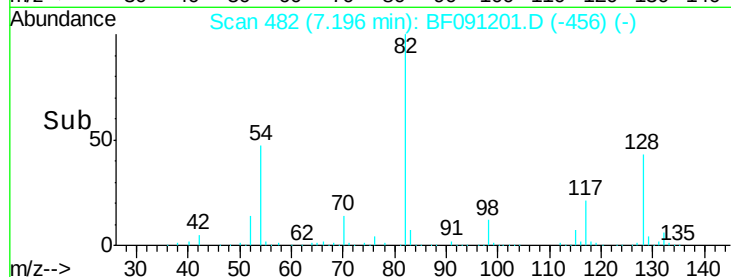
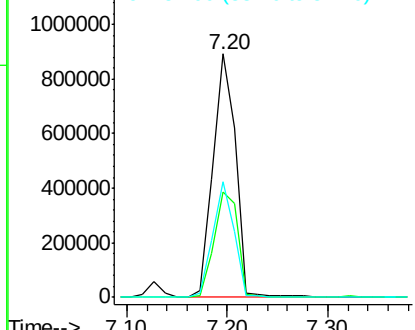
#23  
 Nitrobenzene-d5  
 Concen: 92.53 ng  
 RT: 7.20 min Scan# 482  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

Tgt Ion: 82 Resp: 1385750  
 Ion Ratio Lower Upper  
 82 100  
 128 43.4 32.4 48.6  
 54 47.7 39.2 58.8

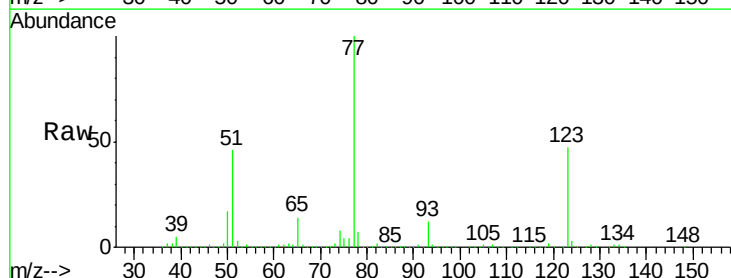


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

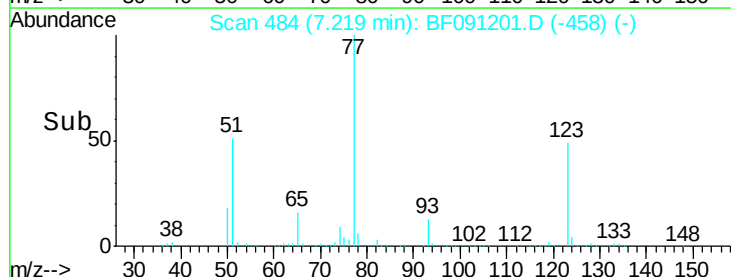
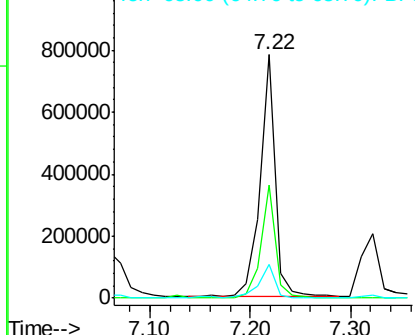


#24  
 Nitrobenzene  
 Concen: 50.07 ng  
 RT: 7.22 min Scan# 484  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

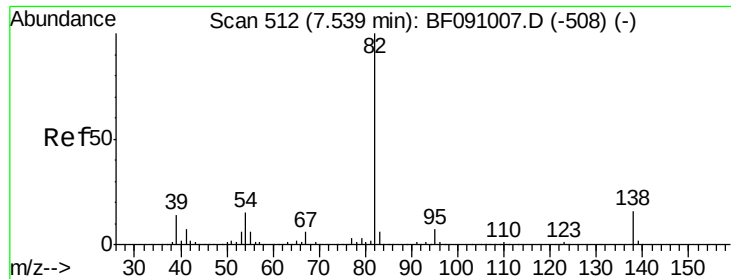
Tgt Ion: 77 Resp: 828116  
 Ion Ratio Lower Upper  
 77 100  
 123 46.6 36.5 54.7  
 65 13.7 10.7 16.1



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







#25

Isophorone

Concen: 52.04 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

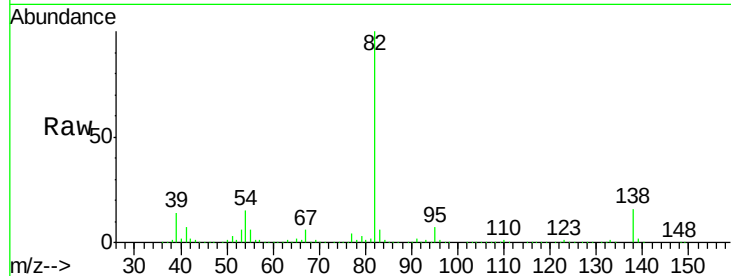
Tgt Ion: 82 Resp: 1501847

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

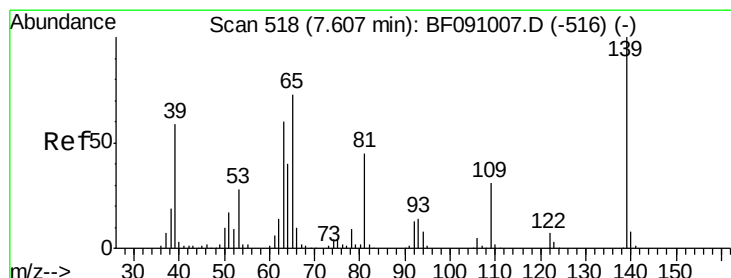
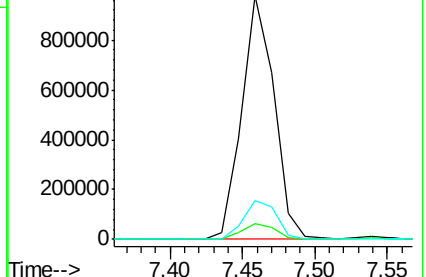
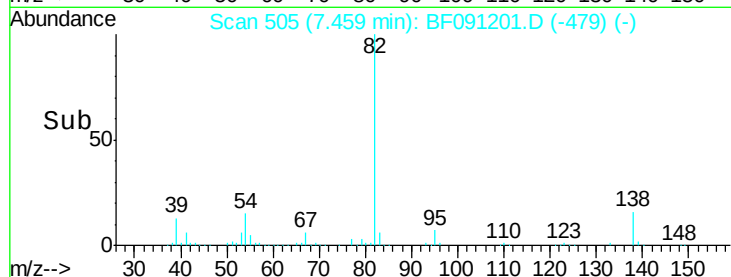
138 16.1 13.0 19.4



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: 55.39 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

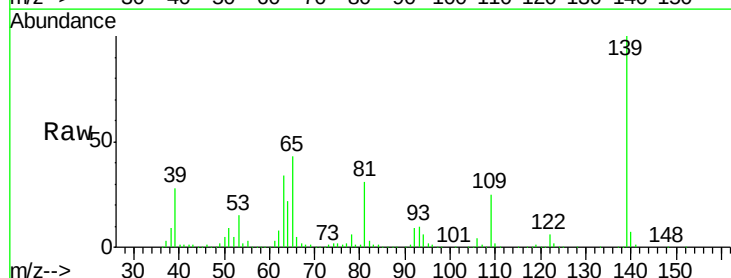
Tgt Ion: 139 Resp: 387701

Ion Ratio Lower Upper

139 100

109 25.2 24.7 37.1

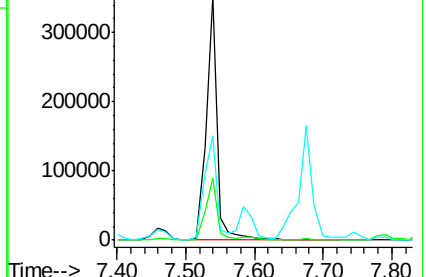
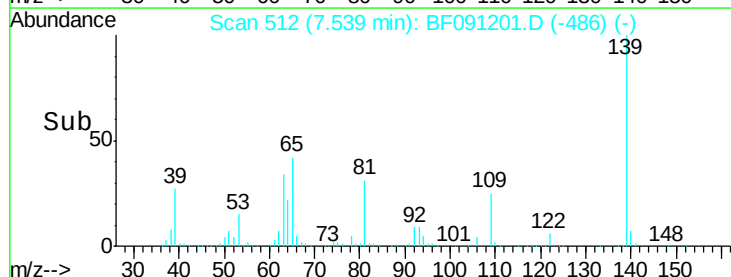
65 42.8 58.3 87.5#

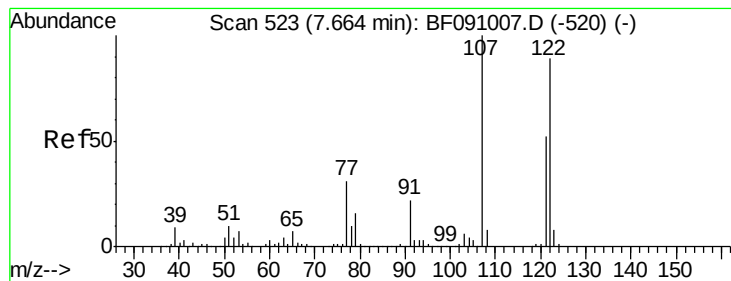


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

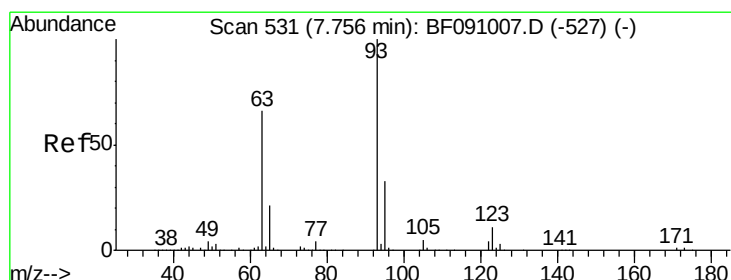
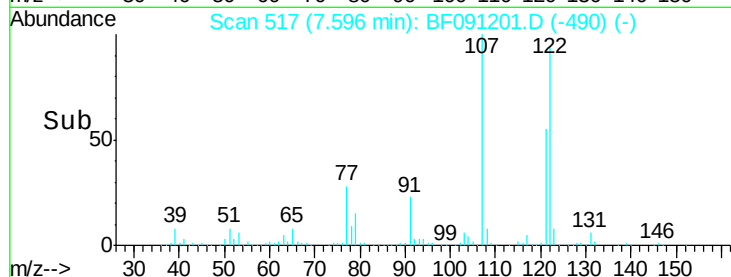
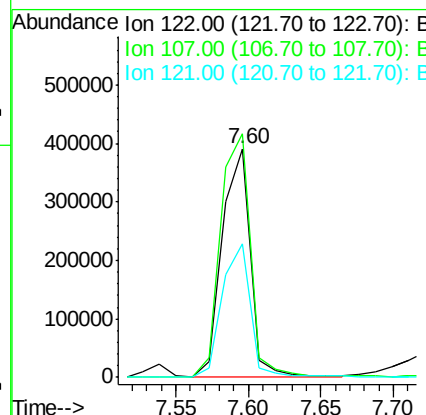
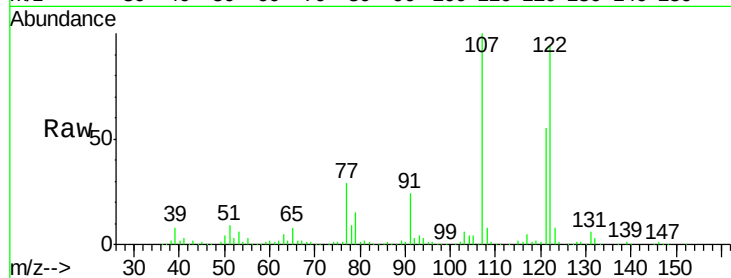




#27  
 2,4-Dimethylphenol  
 Concen: 45.63 ng  
 RT: 7.60 min Scan# 517  
 Delta R.T. 0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

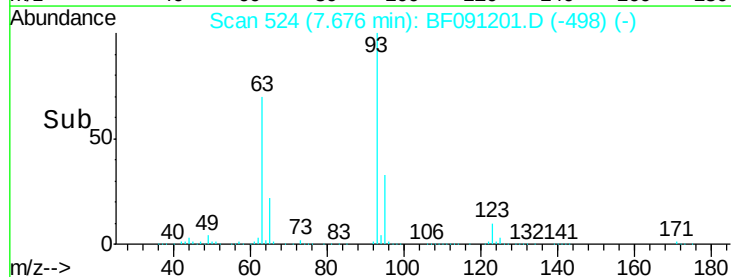
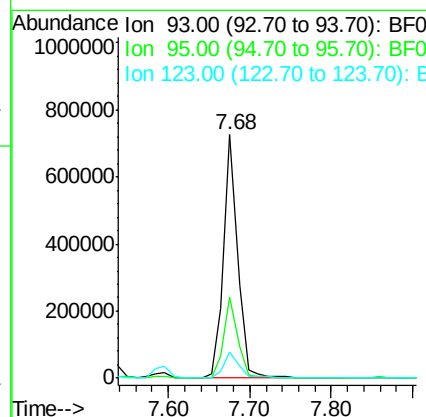
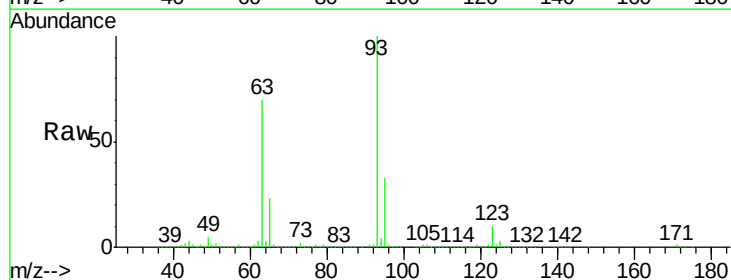
Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

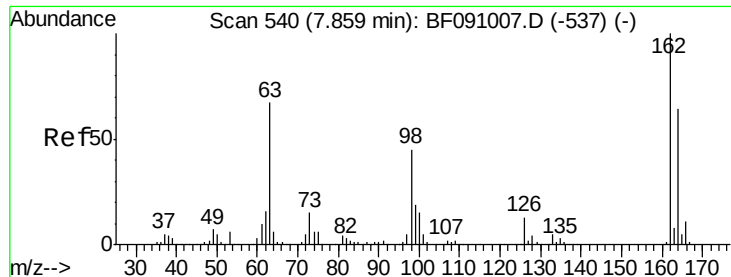
Tgt Ion: 122 Resp: 528155  
 Ion Ratio Lower Upper  
 122 100  
 107 106.5 89.6 134.4  
 121 58.1 46.3 69.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 55.49 ng  
 RT: 7.68 min Scan# 524  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Tgt Ion: 93 Resp: 874778  
 Ion Ratio Lower Upper  
 93 100  
 95 33.4 26.3 39.5  
 123 10.5 8.7 13.1

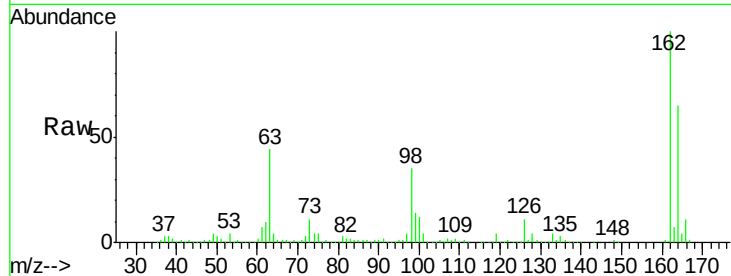




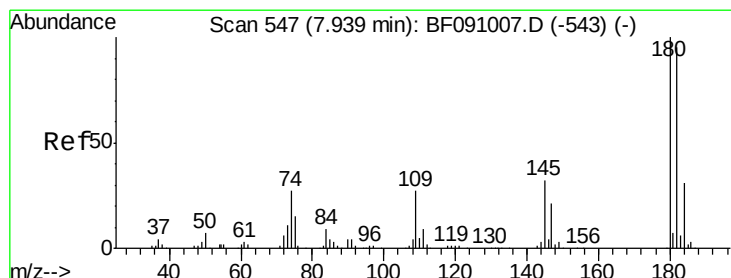
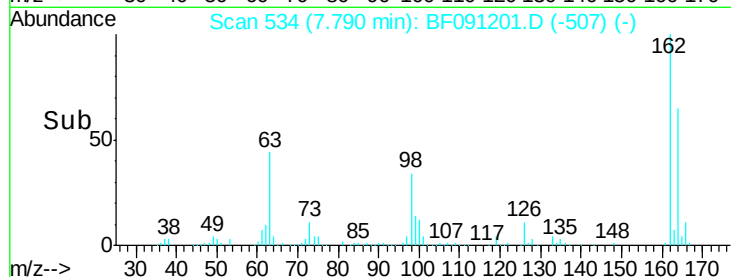
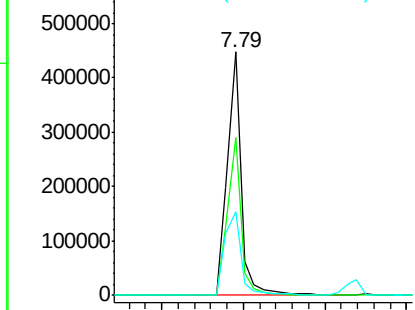
#29  
 2,4-Dichlorophenol  
 Concen: 52.01 ng  
 RT: 7.79 min Scan# 534  
 Delta R.T. 0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 44.4  | 84.4  |
| 98      | 34.6  | 25.2  | 65.2  |

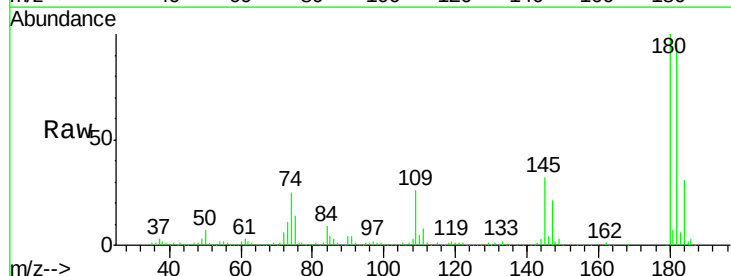


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

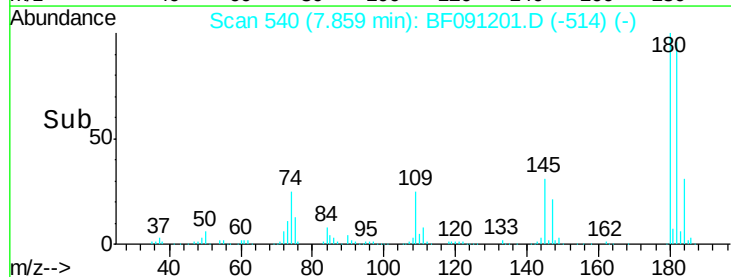
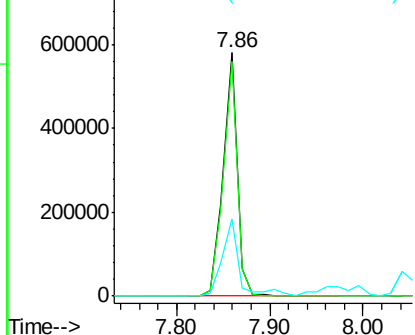


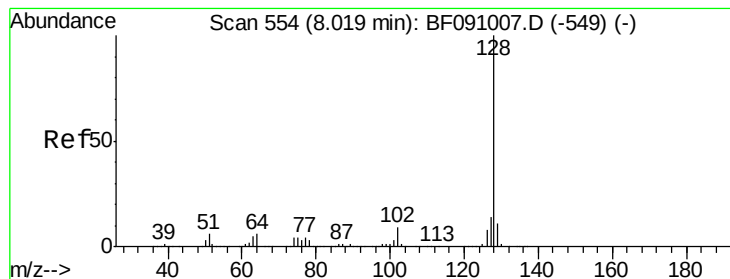
#30  
 1,2,4-Trichlorobenzene  
 Concen: 53.71 ng  
 RT: 7.86 min Scan# 540  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 76.0  | 114.0 |
| 145     | 31.9  | 25.8  | 38.8  |



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





#31

Naphthalene

Concen: 63.32 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

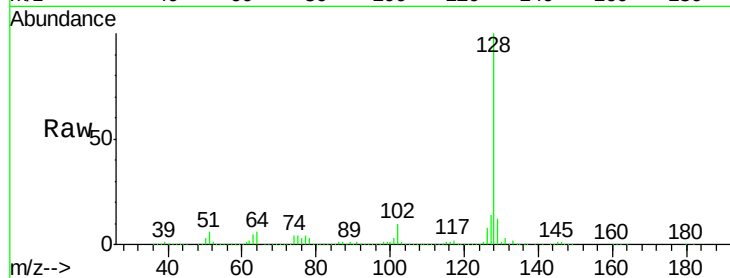
Tgt Ion:128 Resp: 2473995

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

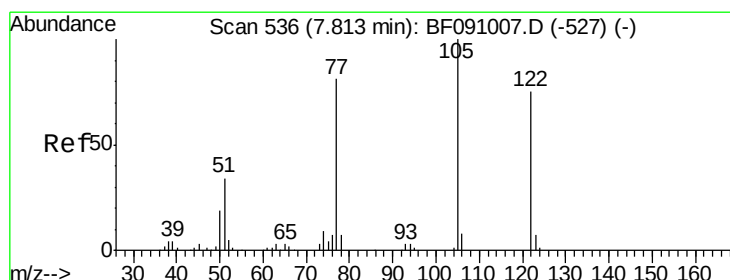
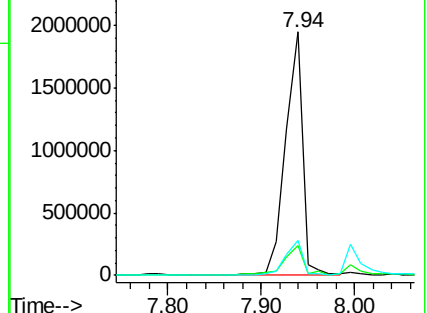
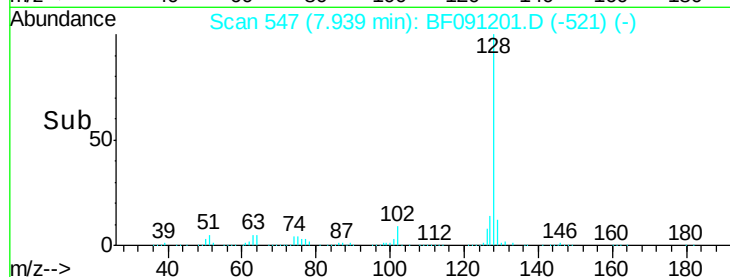
127 14.3 10.9 16.3



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: 14.07 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

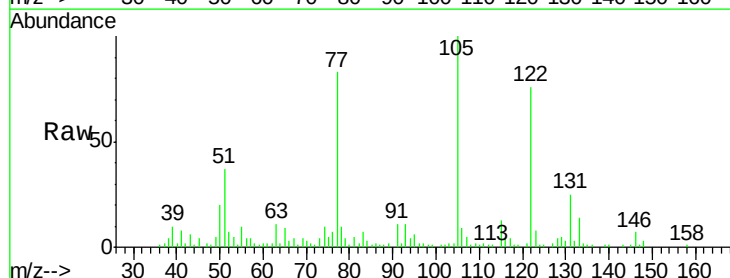
Tgt Ion:122 Resp: 90860

Ion Ratio Lower Upper

122 100

105 132.4 105.9 145.9

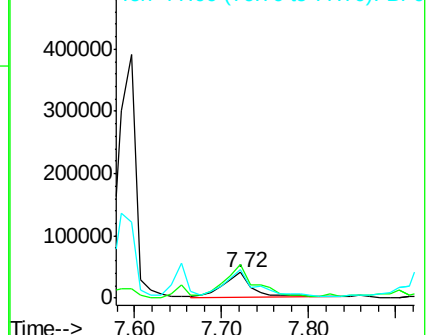
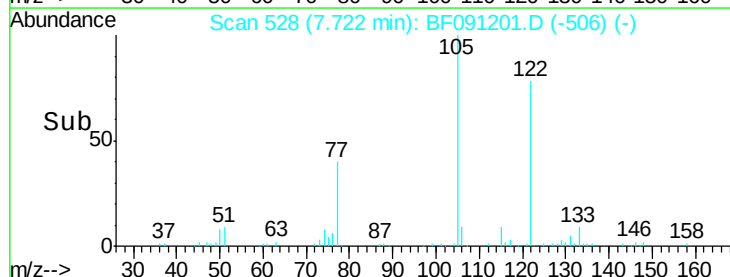
77 109.5 84.0 124.0

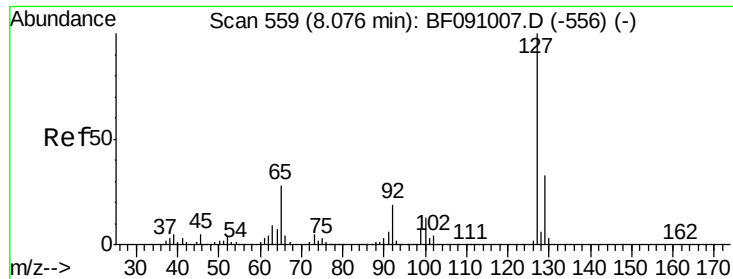


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

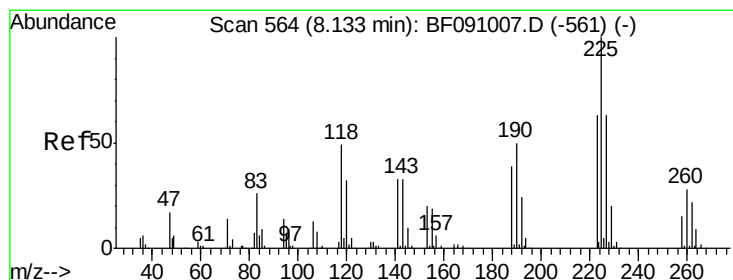
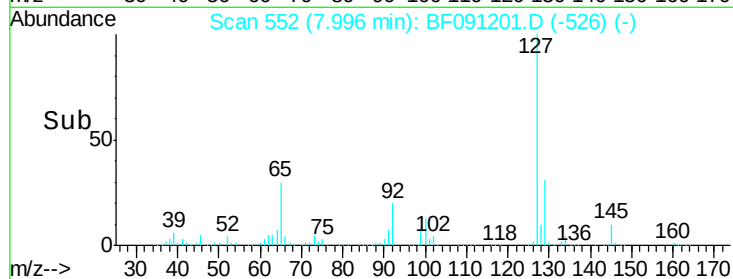
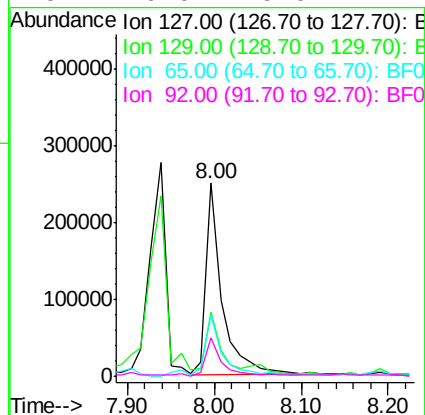
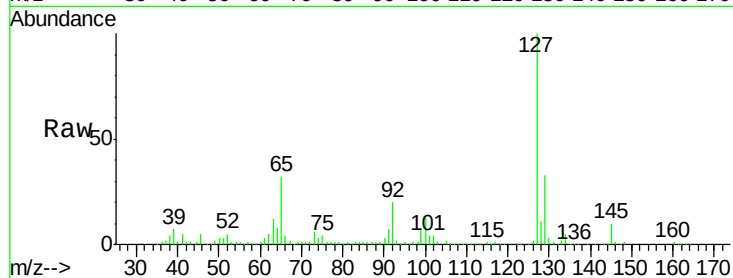




#33  
4-Chloroaniline  
Concen: 20.03 ng  
RT: 8.00 min Scan# 552  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

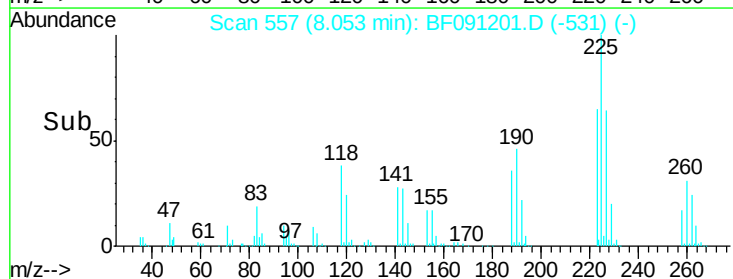
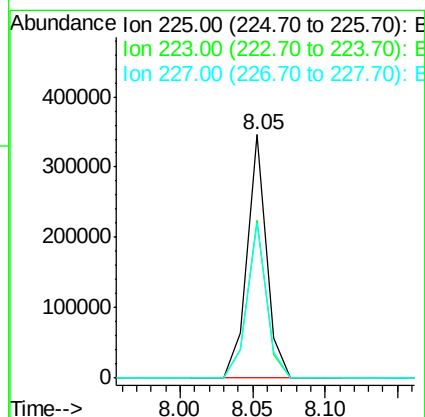
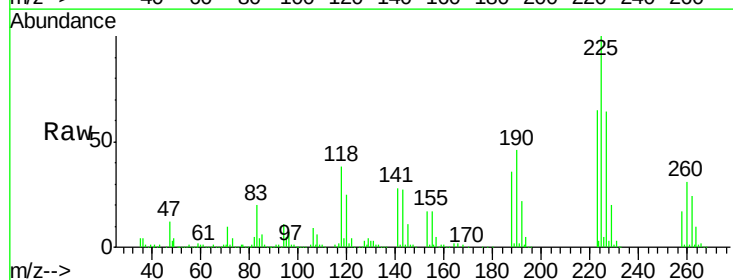
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

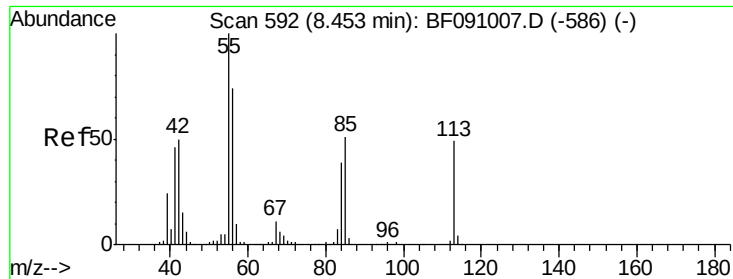
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 325431 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.4  | 26.6  | 39.8   |
| 65       | 32.1  | 22.2  | 33.2   |
| 92       | 20.0  | 15.0  | 22.4   |



#34  
Hexachlorobutadiene  
Concen: 52.50 ng  
RT: 8.05 min Scan# 557  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 321896 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.8  | 50.4  | 75.6   |
| 227      | 63.8  | 50.1  | 75.1   |





#35

Caprolactam

Concen: 5.22 ng

RT: 8.42 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

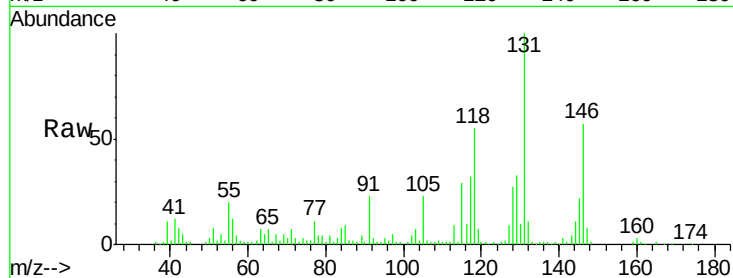
Tgt Ion:113 Resp: 16567

Ion Ratio Lower Upper

113 100

55 223.0 184.1 224.1

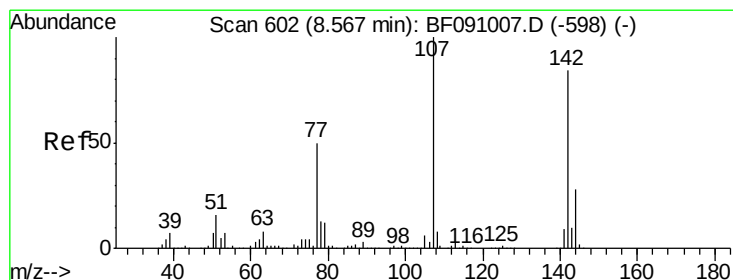
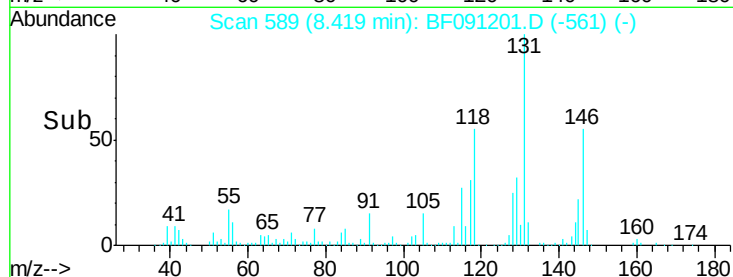
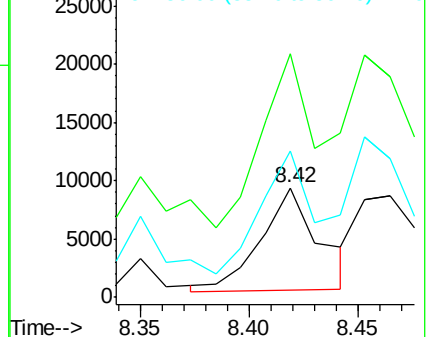
56 133.6 132.0 172.0



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: 44.92 ng

RT: 8.49 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

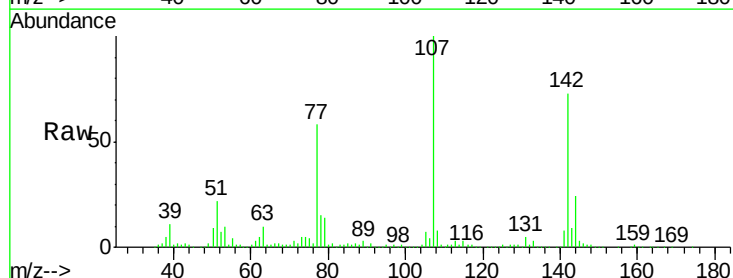
Tgt Ion:107 Resp: 549351

Ion Ratio Lower Upper

107 100

144 23.7 22.5 33.7

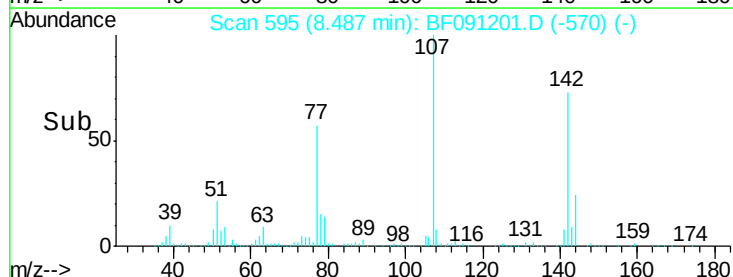
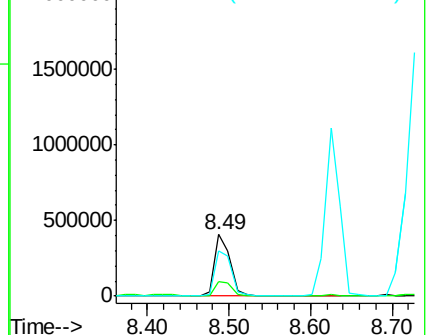
142 72.8 67.4 101.2

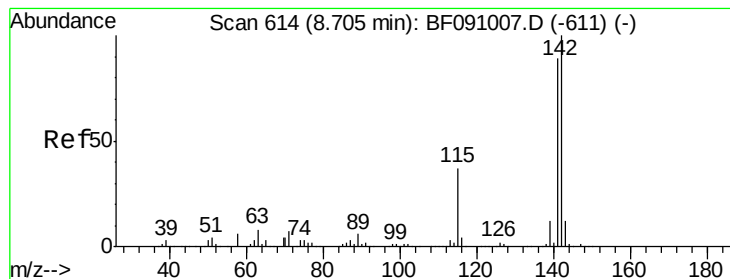


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

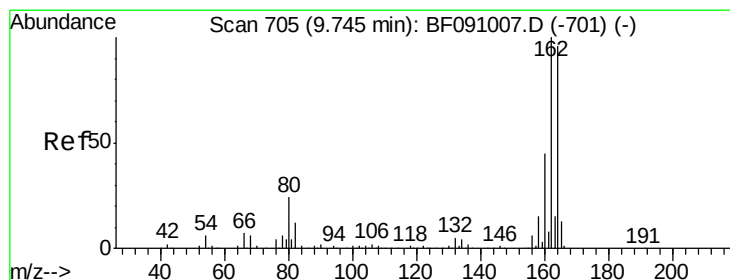
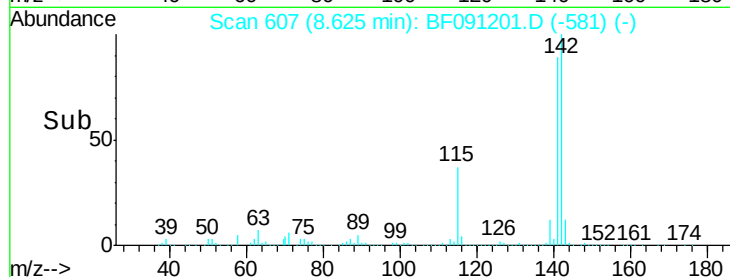
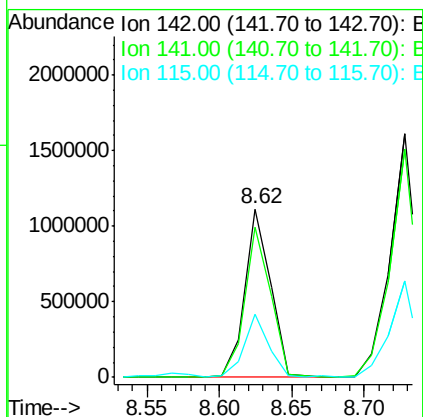
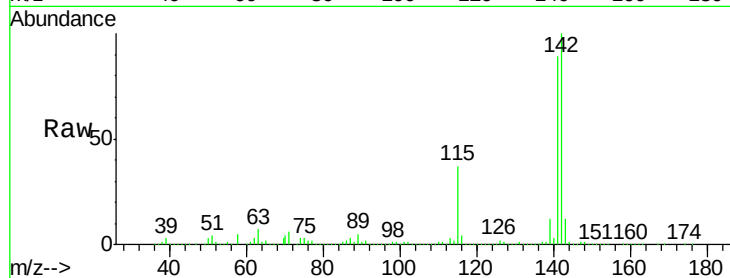




#37  
 2-Methylnaphthalene  
 Concen: 54.88 ng  
 RT: 8.62 min Scan# 607  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

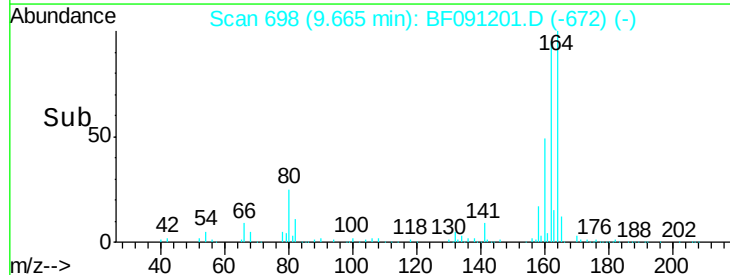
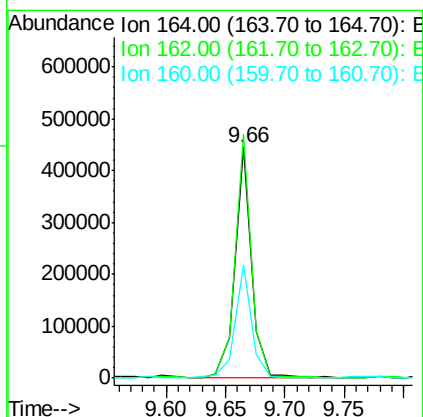
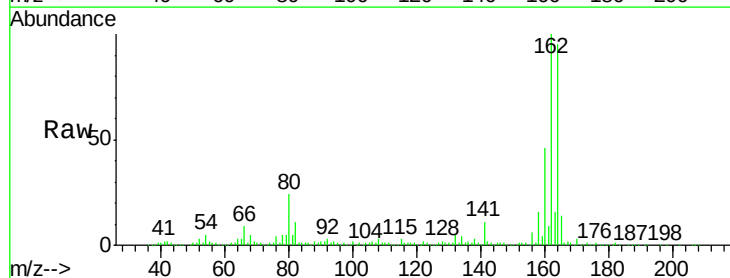
Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

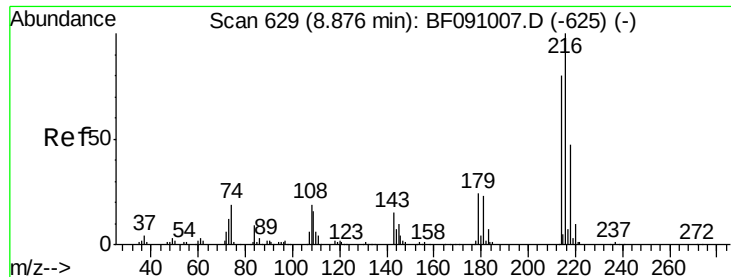
Tgt Ion:142 Resp: 1378372  
 Ion Ratio Lower Upper  
 142 100  
 141 89.0 71.3 106.9  
 115 37.4 29.9 44.9



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.66 min Scan# 698  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Tgt Ion:164 Resp: 430407  
 Ion Ratio Lower Upper  
 164 100  
 162 105.7 83.6 125.4  
 160 49.0 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.96 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

Tgt Ion:216 Resp: 592170

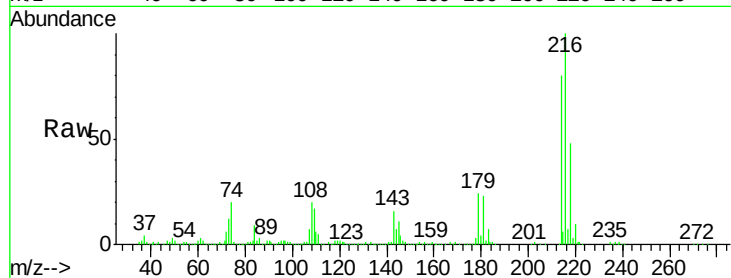
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 23.6 19.1 28.7

108 21.6 17.5 26.3

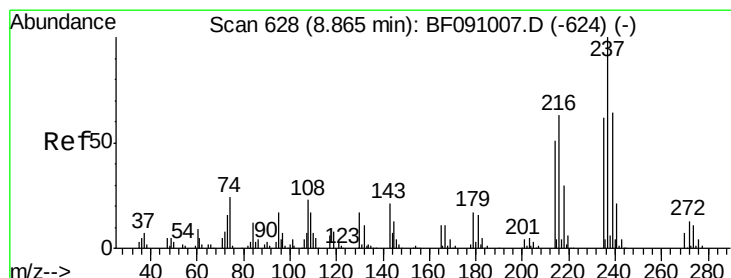
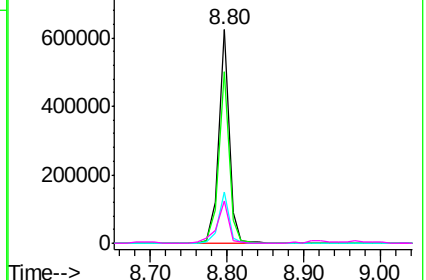
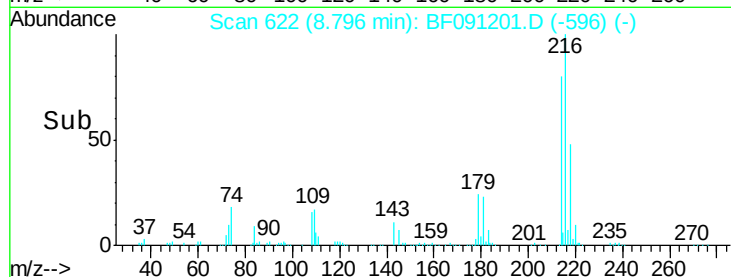


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 94.60 ng

RT: 8.78 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

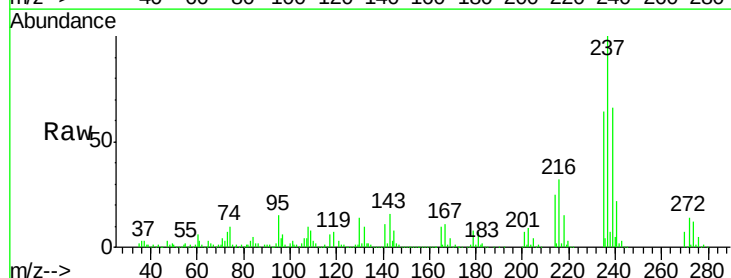
Tgt Ion:237 Resp: 408494

Ion Ratio Lower Upper

237 100

235 64.3 42.1 82.1

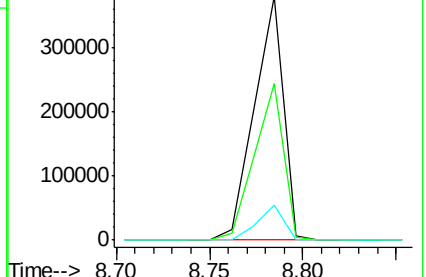
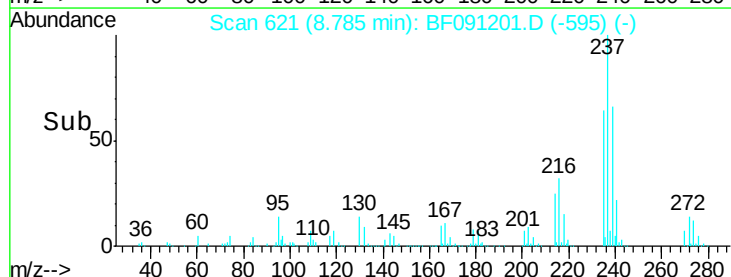
272 14.2 0.0 33.1



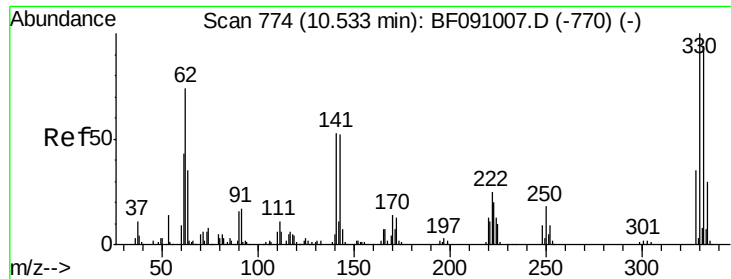
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



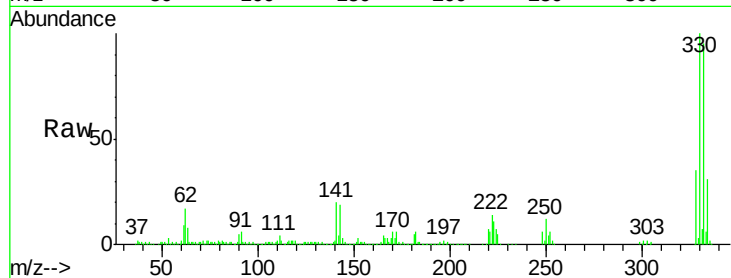




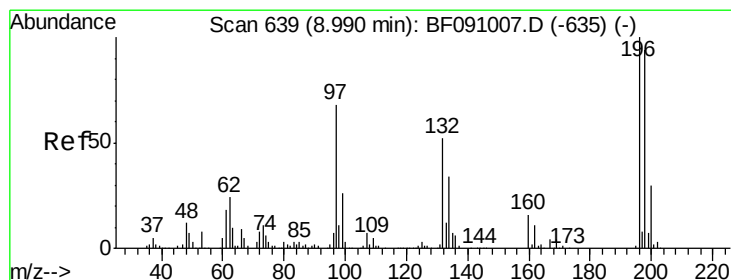
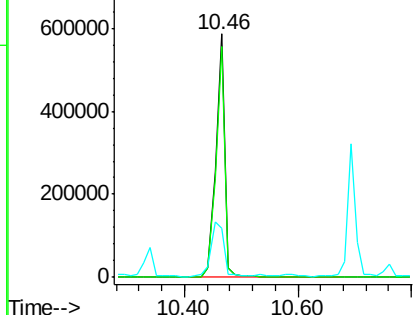
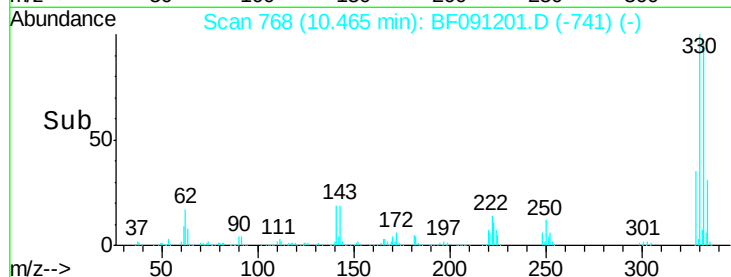
#41  
 2,4,6-Tribromophenol  
 Concen: 162.12 ng  
 RT: 10.46 min Scan# 768  
 Delta R.T. 0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.8  | 75.9  | 113.9 |
| 141     | 31.2  | 36.1  | 54.1# |

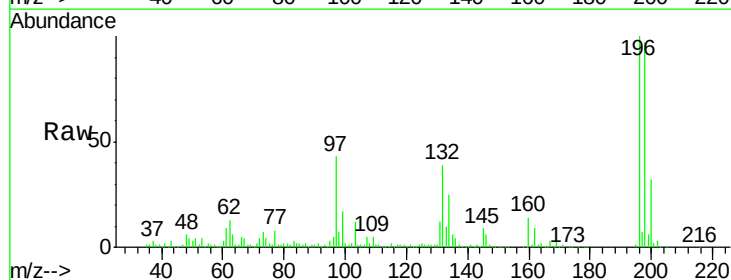


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

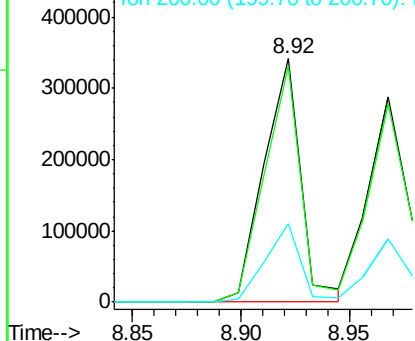
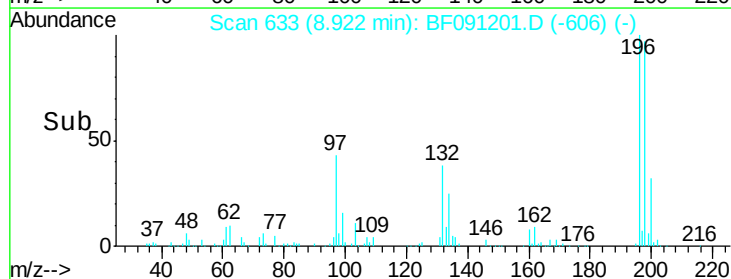


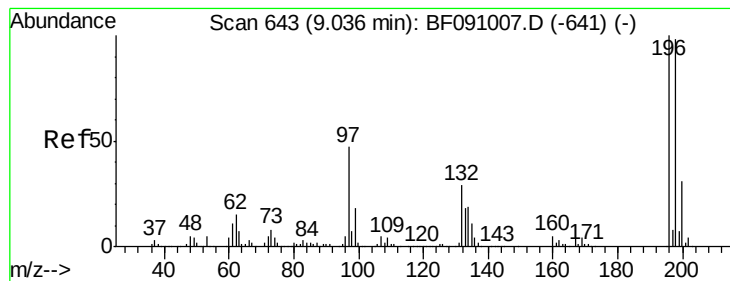
#42  
 2,4,6-Trichlorophenol  
 Concen: 57.32 ng  
 RT: 8.92 min Scan# 633  
 Delta R.T. 0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.2  | 75.4  | 113.0 |
| 200     | 32.1  | 24.1  | 36.1  |



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





#43

2,4,5-Trichlorophenol

Concen: 51.58 ng

RT: 8.97 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

Tgt Ion:196 Resp: 383636

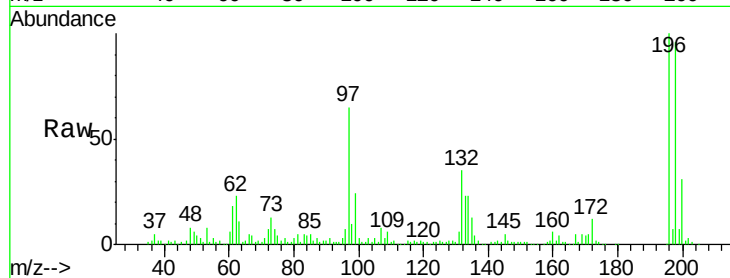
Ion Ratio Lower Upper

196 100

198 96.4 78.2 117.4

97 64.5 38.8 58.2#

132 35.0 23.5 35.3

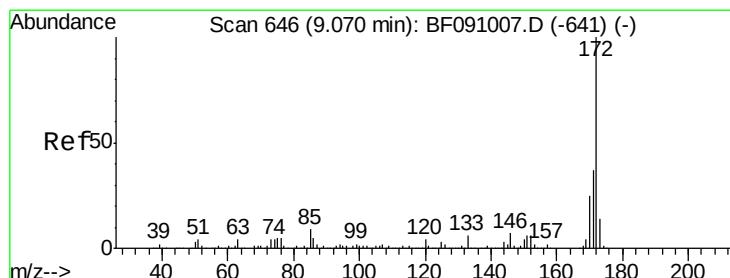
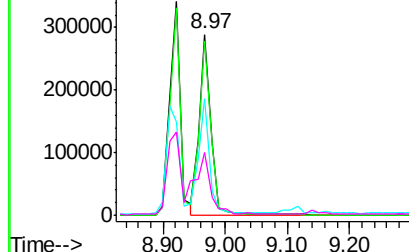
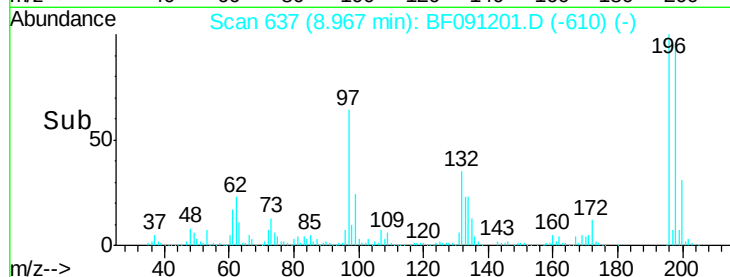


Abundance Ion 196.00 (195.70 to 196.70): E

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: 101.27 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

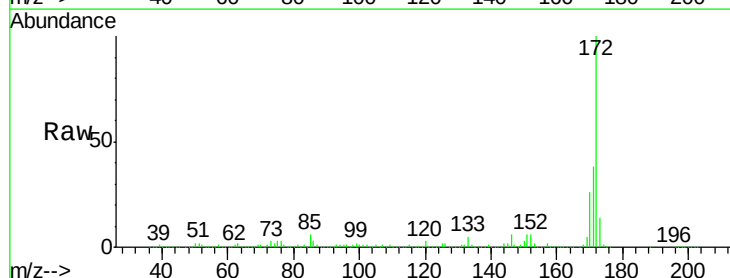
Tgt Ion:172 Resp: 2531838

Ion Ratio Lower Upper

172 100

171 37.6 29.8 44.6

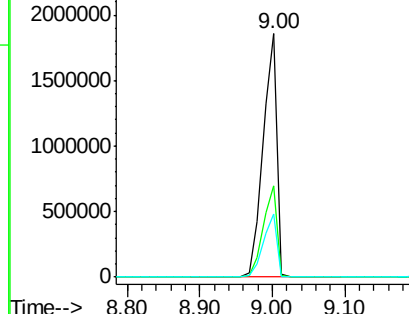
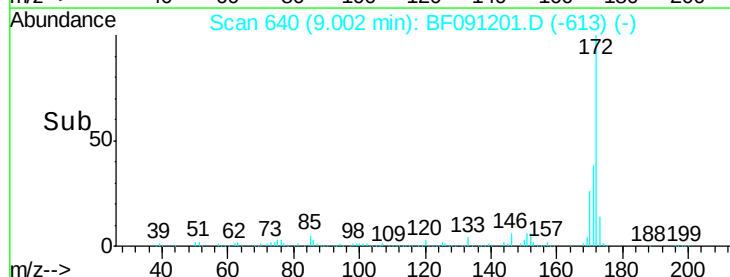
170 26.2 20.3 30.5

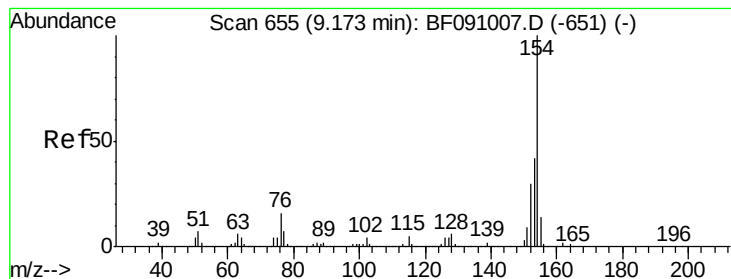


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.64 ng

RT: 9.09 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

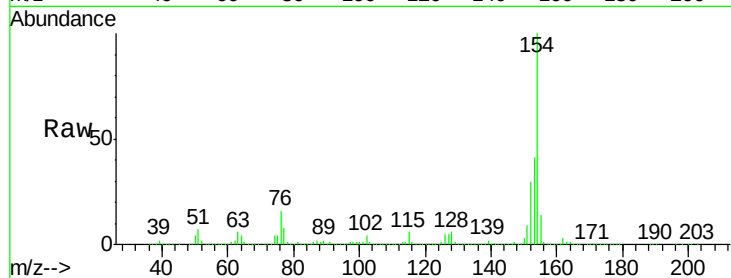
Tgt Ion:154 Resp: 1465661

Ion Ratio Lower Upper

154 100

153 41.5 21.6 61.6

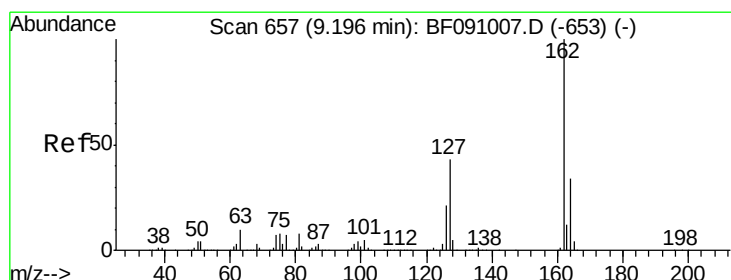
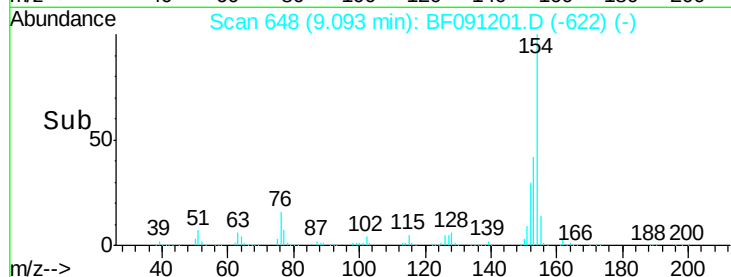
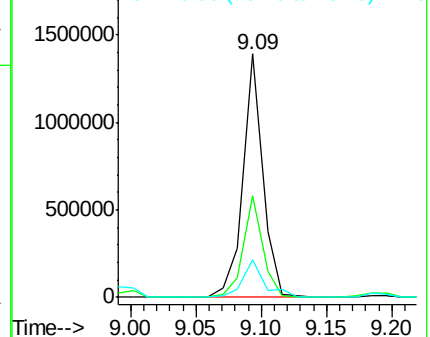
76 15.7 0.0 36.2



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: 50.28 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

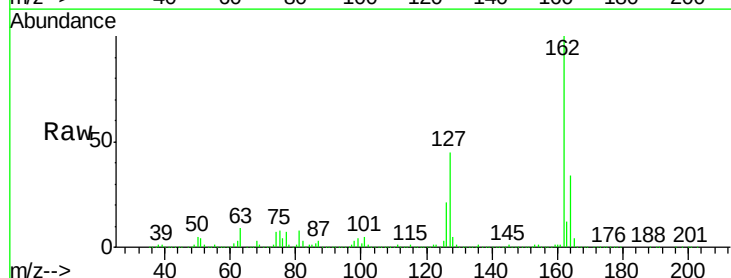
Tgt Ion:162 Resp: 1199723

Ion Ratio Lower Upper

162 100

127 44.5 34.7 52.1

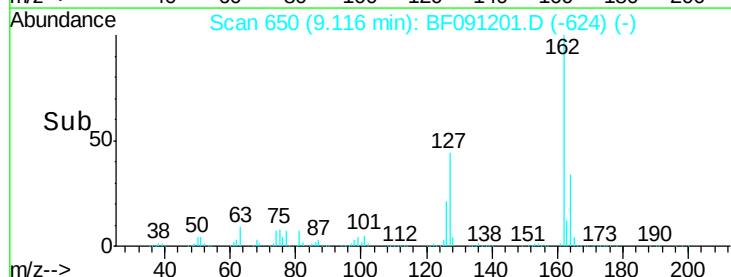
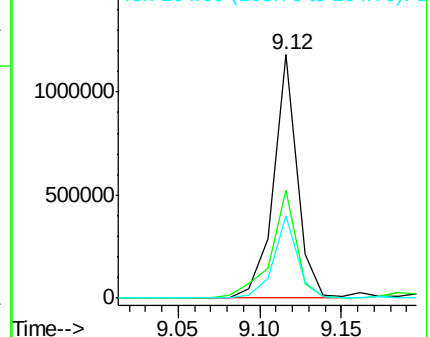
164 33.9 27.0 40.4

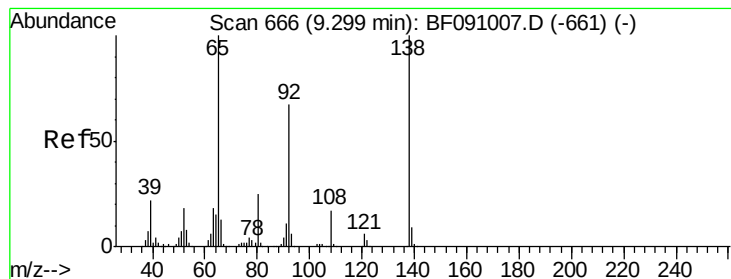


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.56 ng

RT: 9.23 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

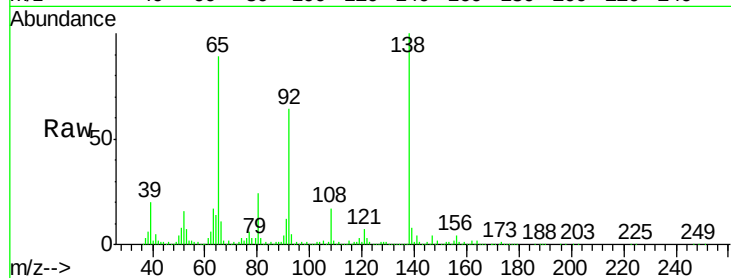
Tgt Ion: 65 Resp: 474239

Ion Ratio Lower Upper

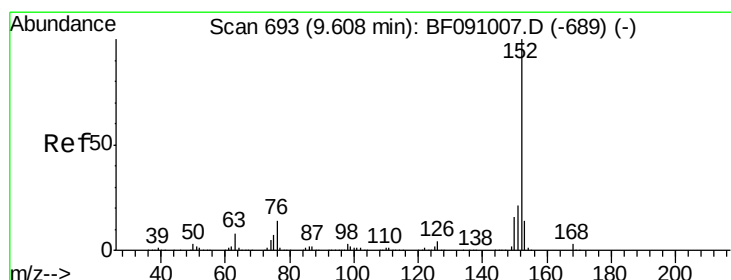
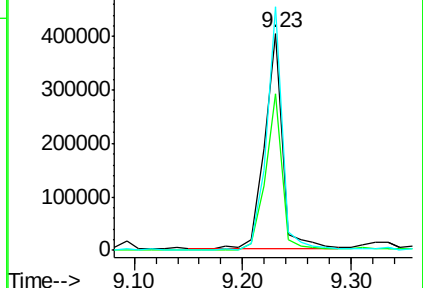
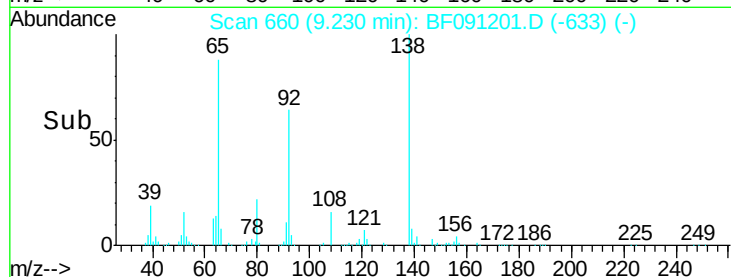
65 100

92 72.2 53.9 80.9

138 112.3 80.1 120.1



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 46.67 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

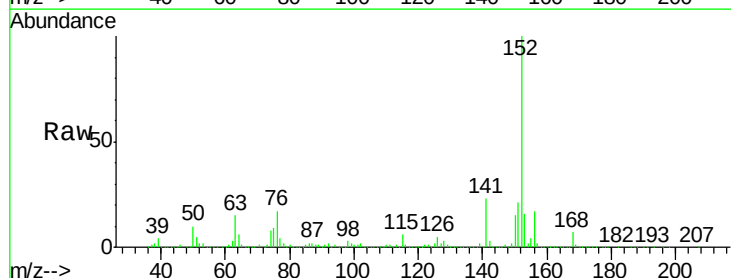
Tgt Ion: 152 Resp: 1735543

Ion Ratio Lower Upper

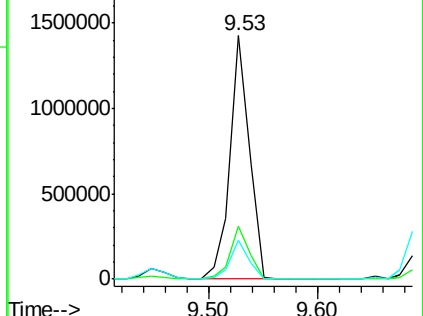
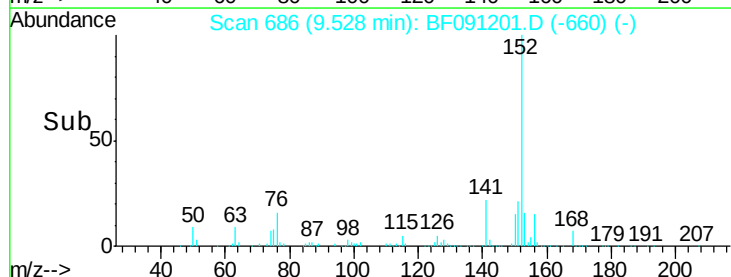
152 100

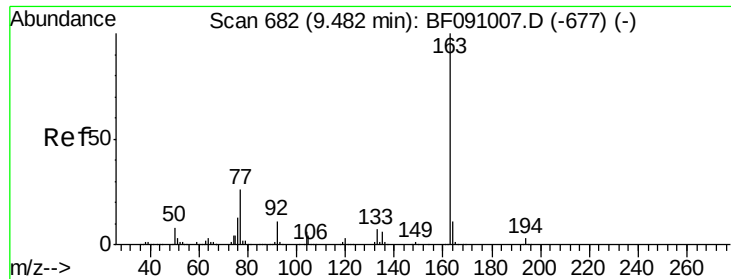
151 21.5 16.7 25.1

153 16.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

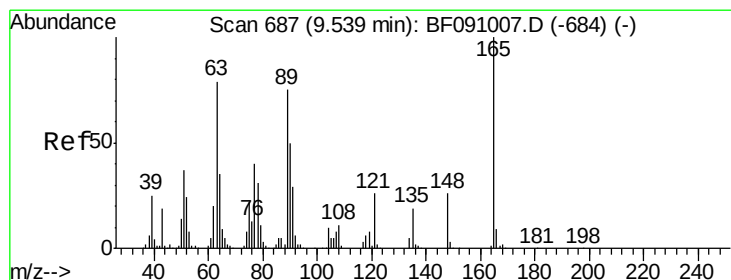
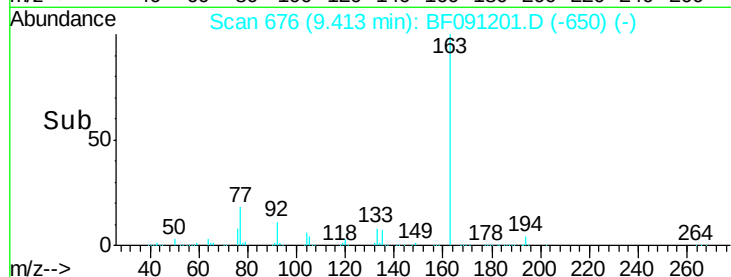
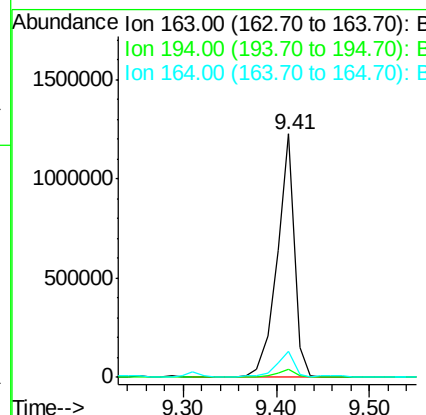
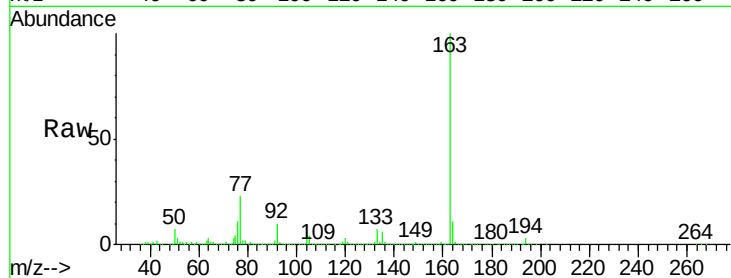




#49  
Dimethylphthalate  
Concen: 55.59 ng  
RT: 9.41 min Scan# 676  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

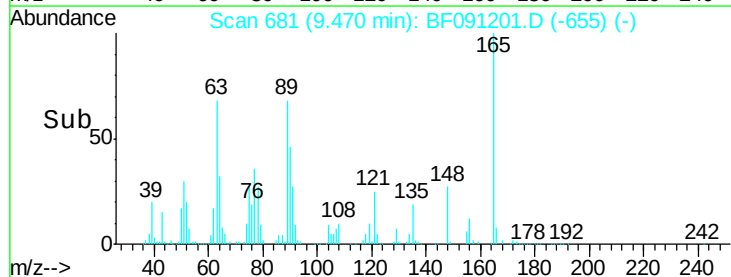
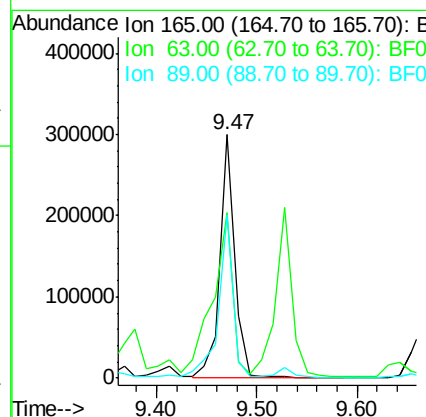
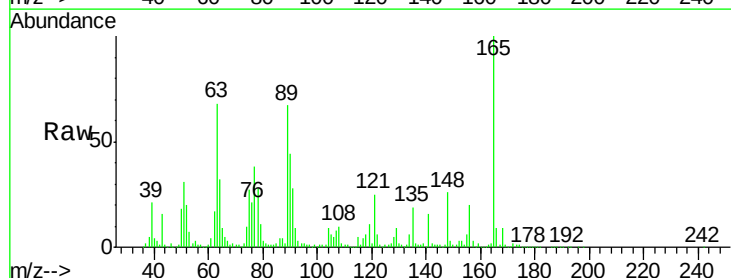
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

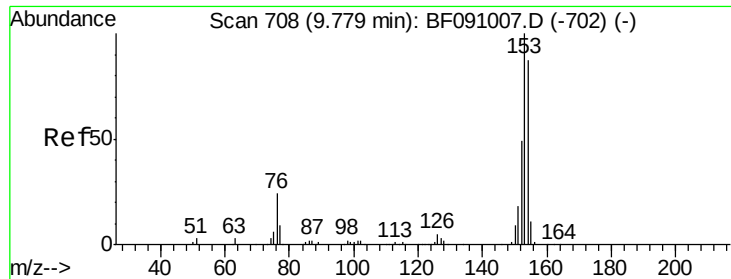
Tgt Ion:163 Resp: 1568976  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.6 4.0  
164 10.8 8.7 13.1



#50  
2,6-Dinitrotoluene  
Concen: 50.57 ng  
RT: 9.47 min Scan# 681  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion:165 Resp: 305848  
Ion Ratio Lower Upper  
165 100  
63 68.0 65.6 98.4  
89 66.8 59.8 89.6





#51

Acenaphthene

Concen: 48.75 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

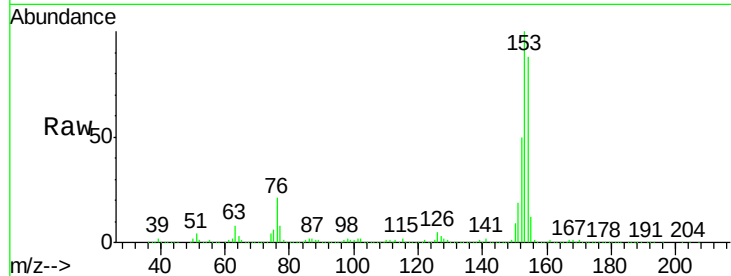
Tgt Ion:154 Resp: 1138049

Ion Ratio Lower Upper

154 100

153 113.3 91.6 137.4

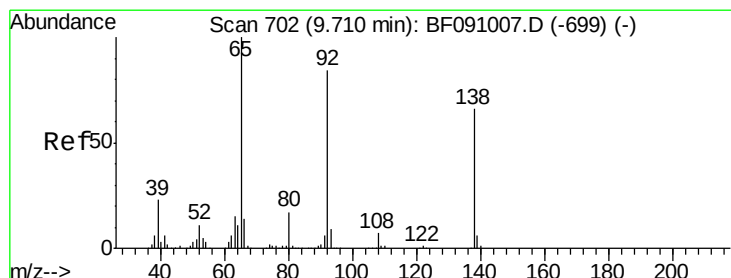
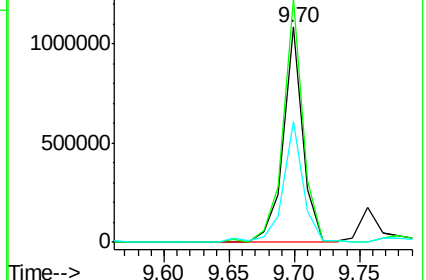
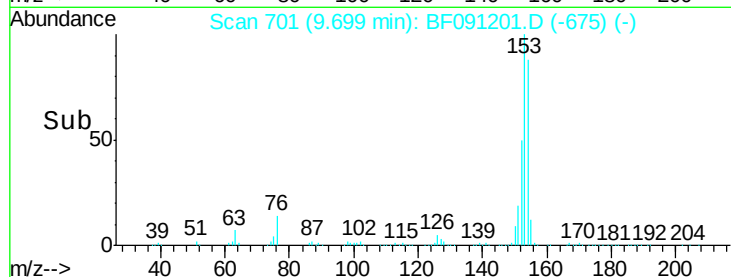
152 56.2 44.6 67.0



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: 19.55 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

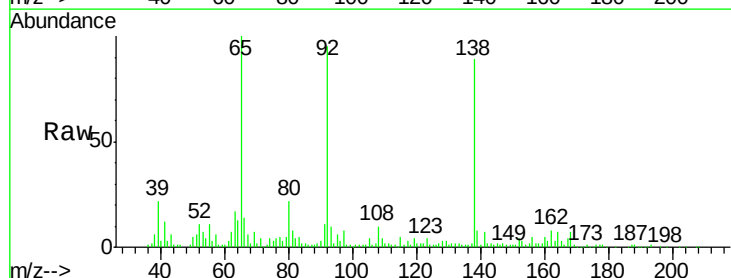
Tgt Ion:138 Resp: 140220

Ion Ratio Lower Upper

138 100

108 10.7 8.4 12.6

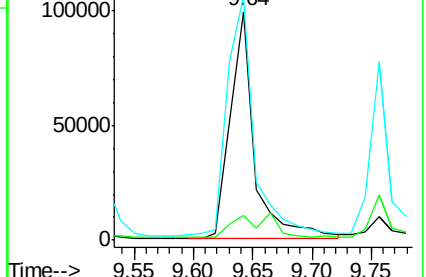
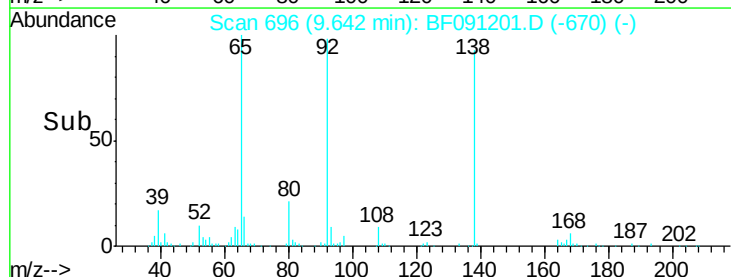
92 106.4 101.1 151.7

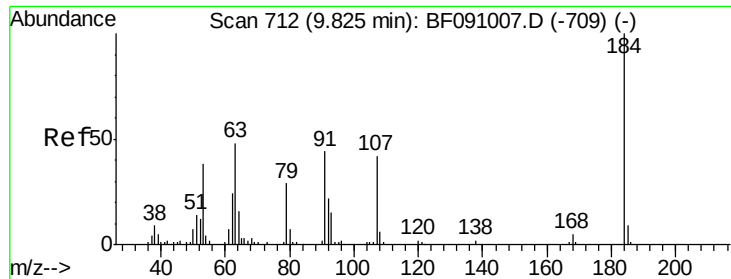


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

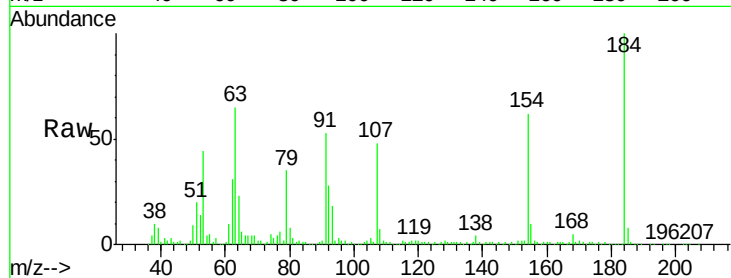




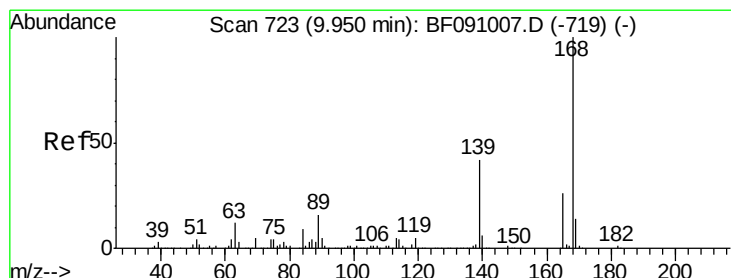
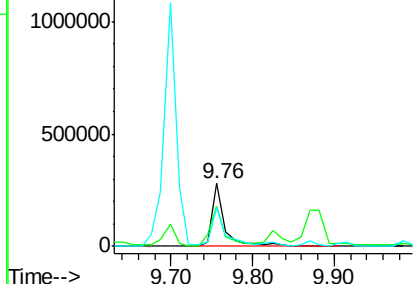
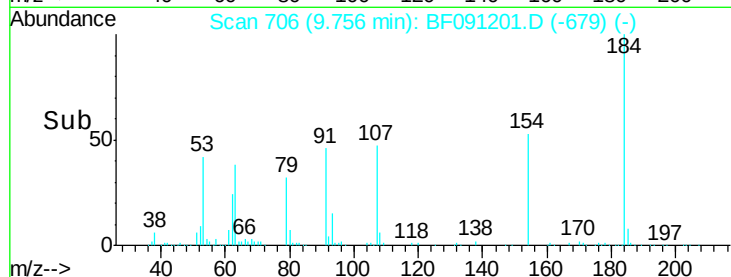
#53  
2,4-Dinitrophenol  
Concen: 95.22 ng  
RT: 9.76 min Scan# 706  
Delta R.T. 0.01 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

Tgt Ion:184 Resp: 317980  
Ion Ratio Lower Upper  
184 100  
63 64.6 45.5 68.3  
154 62.4 51.0 76.4

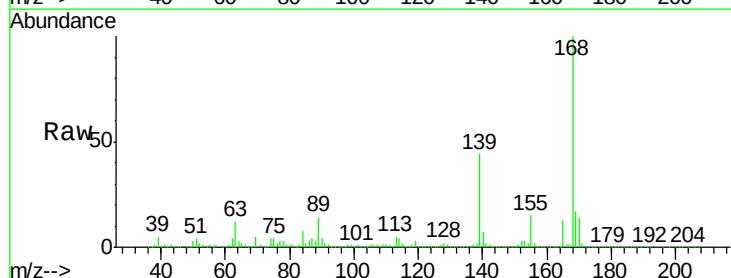


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

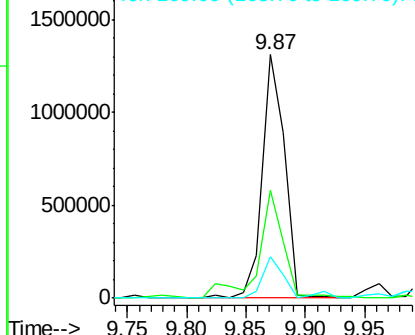
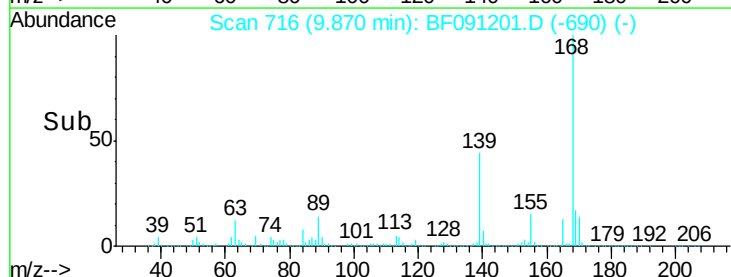


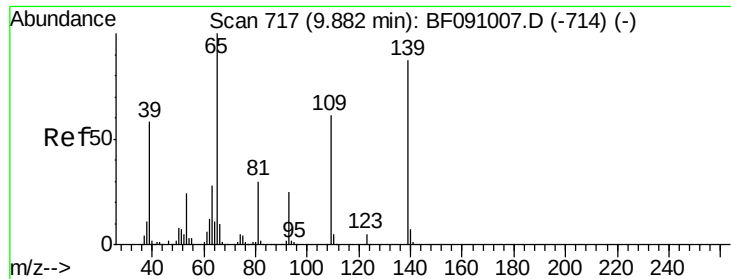
#54  
Dibenzofuran  
Concen: 54.85 ng  
RT: 9.87 min Scan# 716  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion:168 Resp: 1723694  
Ion Ratio Lower Upper  
168 100  
139 44.2 34.8 52.2  
169 16.8 11.4 17.2



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

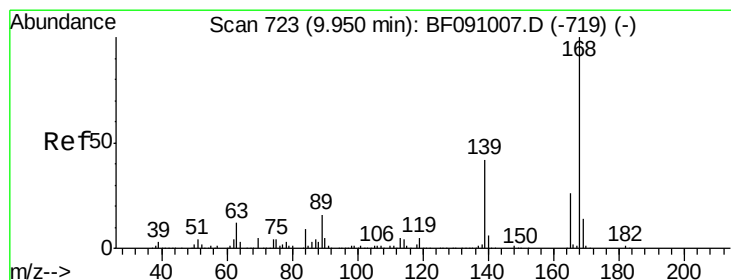
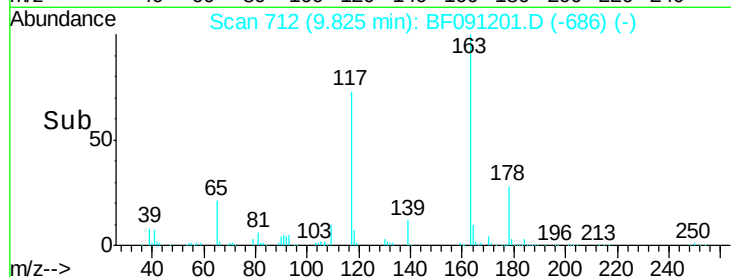
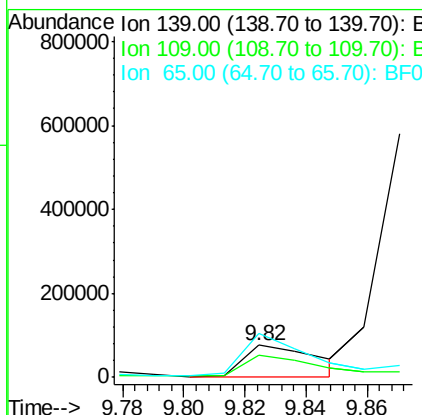
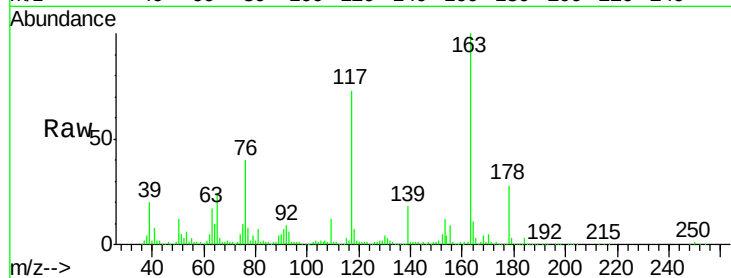




#55  
4-Nitrophenol  
Concen: 30.62 ng m  
RT: 9.82 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

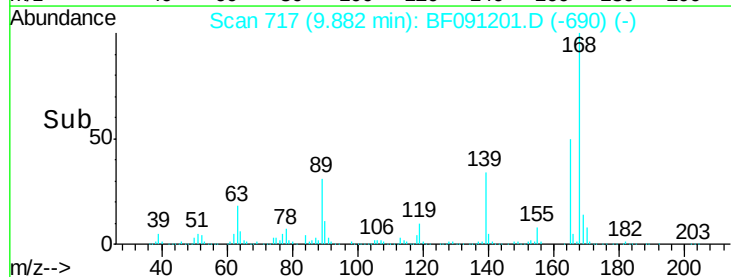
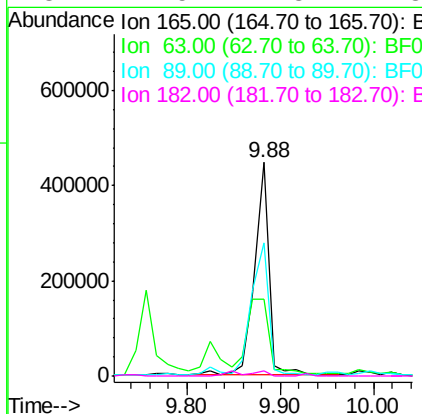
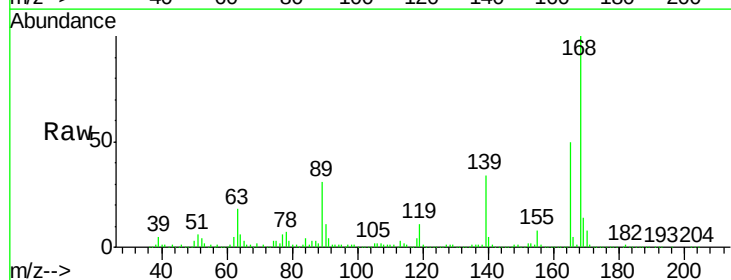
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

Tgt Ion:139 Resp: 128046  
Ion Ratio Lower Upper  
139 100  
109 67.3 50.5 90.5  
65 136.4 97.1 137.1

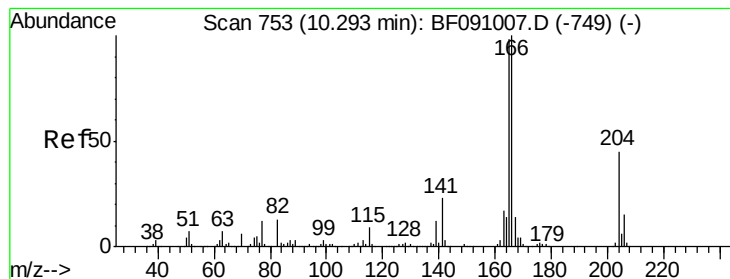


#56  
2,4-Dinitrotoluene  
Concen: 62.60 ng  
RT: 9.88 min Scan# 717  
Delta R.T. 0.01 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion:165 Resp: 481776  
Ion Ratio Lower Upper  
165 100  
63 36.2 38.7 58.1#  
89 62.5 50.6 76.0  
182 2.5 1.8 2.8







#57

Fluorene

Concen: 48.43 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

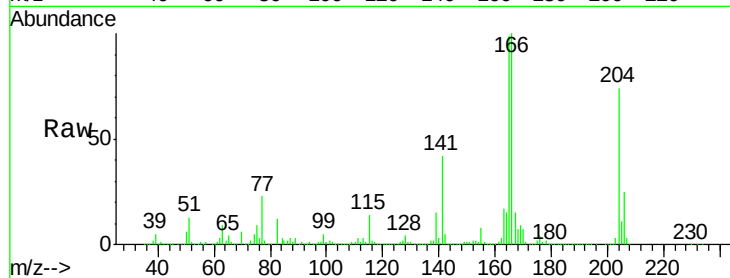
Tgt Ion:166 Resp: 1244033

Ion Ratio Lower Upper

166 100

165 99.3 78.6 118.0

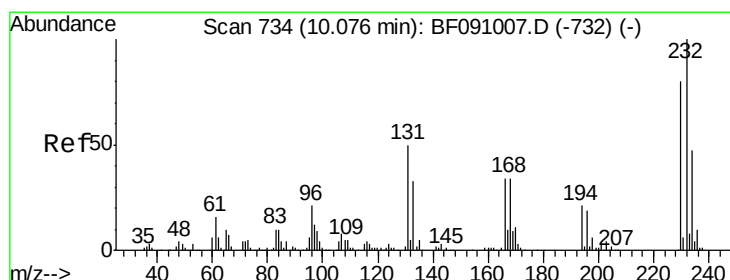
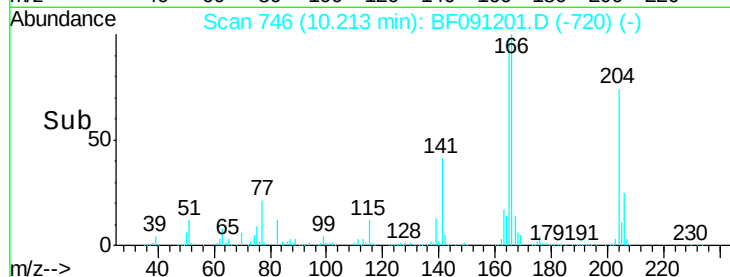
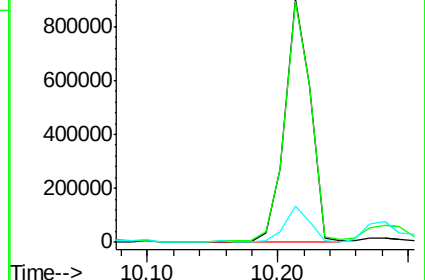
167 14.9 11.1 16.7



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: 56.31 ng

RT: 10.01 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Tgt Ion:232 Resp: 328114

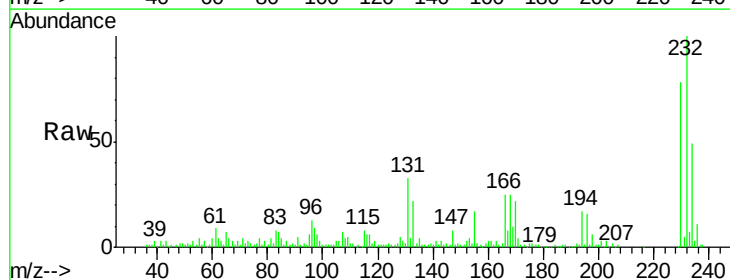
Ion Ratio Lower Upper

232 100

131 54.6 43.6 65.4

130 3.5 2.0 3.0#

166 33.3 27.4 41.2

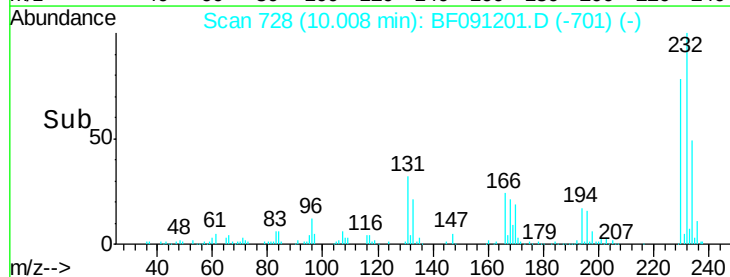
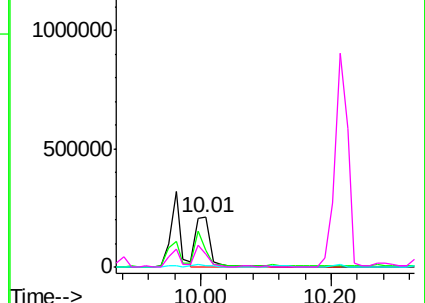


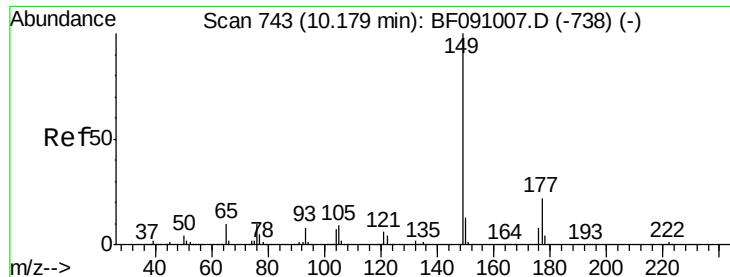
Abundance Ion 232.00 (231.70 to 232.70): E

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

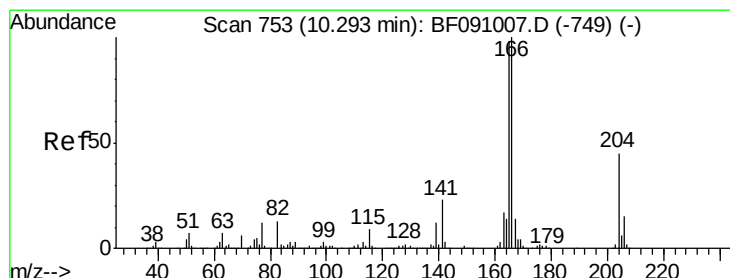
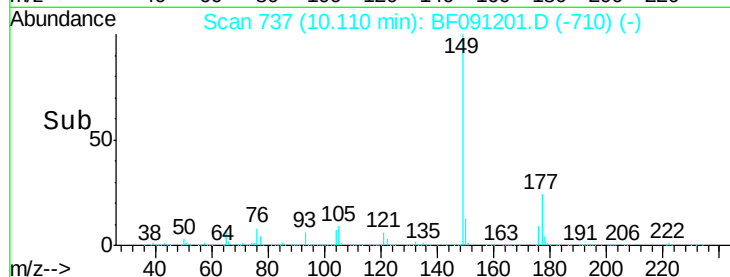
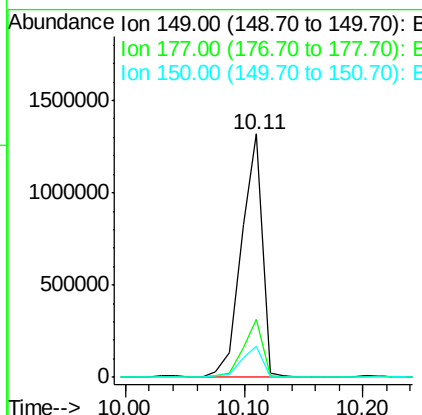
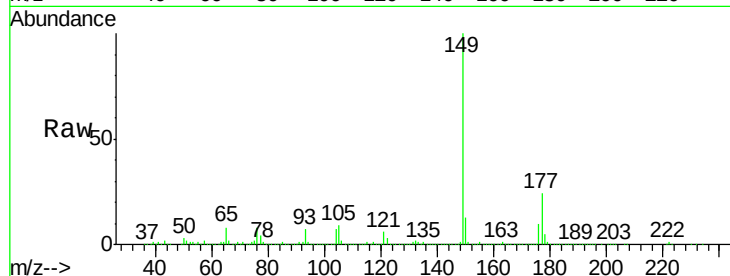




#59  
Diethylphthalate  
Concen: 55.16 ng  
RT: 10.11 min Scan# 737  
Delta R.T. 0.01 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

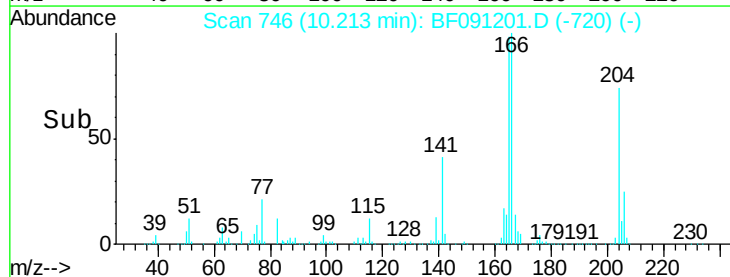
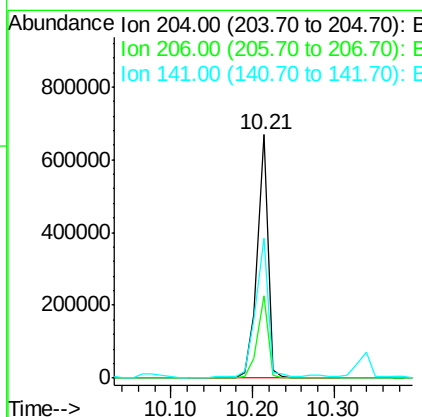
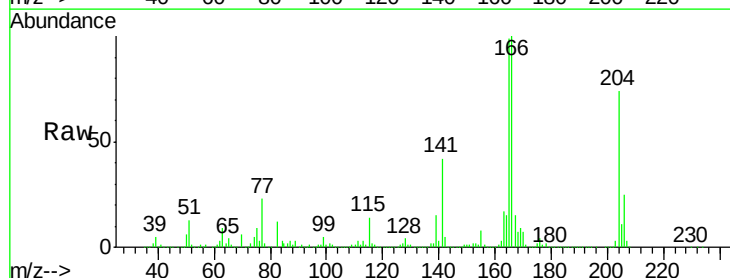
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

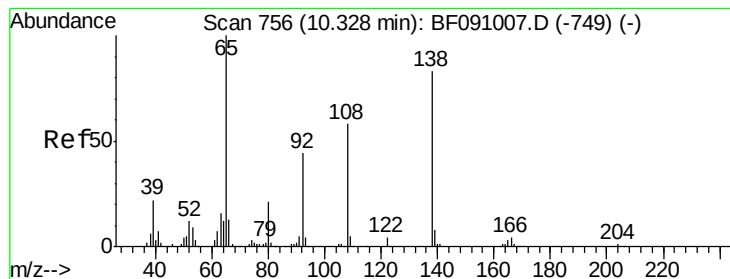
Tgt Ion:149 Resp: 1595975  
Ion Ratio Lower Upper  
149 100  
177 24.0 17.3 25.9  
150 12.6 10.3 15.5



#60  
4-Chlorophenyl-phenylether  
Concen: 52.44 ng  
RT: 10.21 min Scan# 746  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion:204 Resp: 613112  
Ion Ratio Lower Upper  
204 100  
206 34.0 27.1 40.7  
141 57.3 40.1 60.1





#61

4-Nitroaniline

Concen: 42.73 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

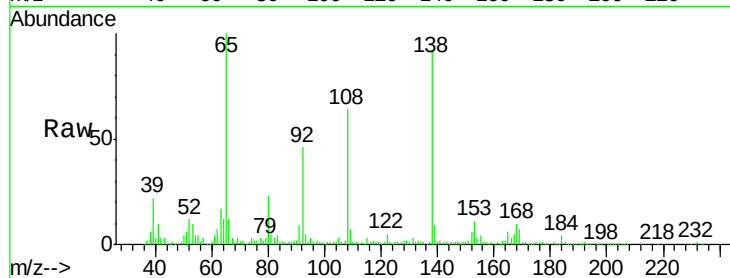
Tgt Ion:138 Resp: 310010

Ion Ratio Lower Upper

138 100

92 49.9 32.5 72.5

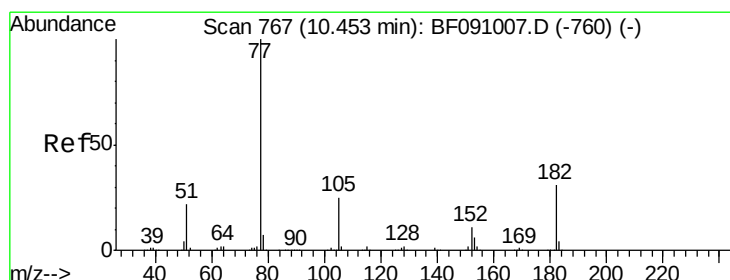
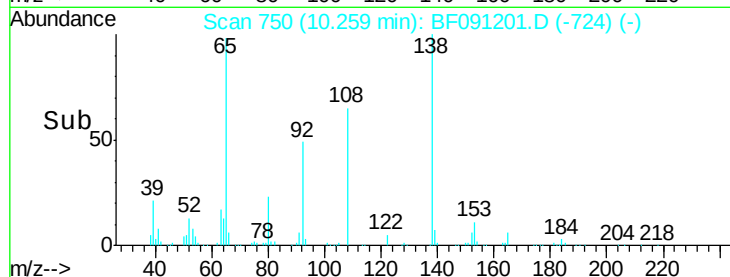
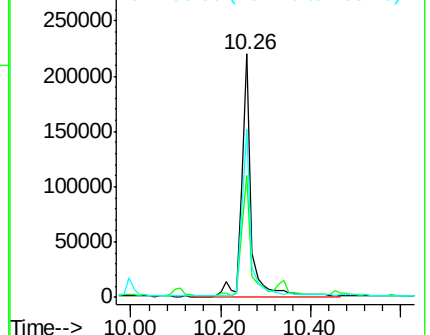
108 69.3 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.62 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Tgt Ion: 77 Resp: 1690299

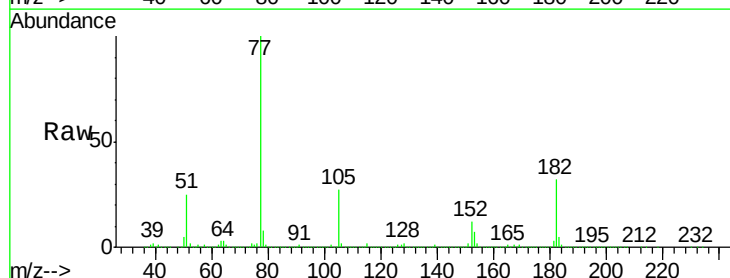
Ion Ratio Lower Upper

77 100

182 31.7 11.0 51.0

105 26.5 5.6 45.6

51 24.8 2.7 42.7

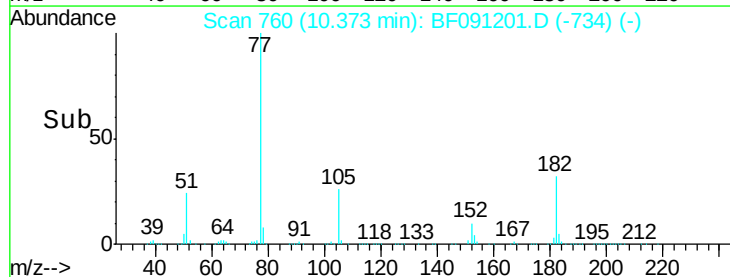
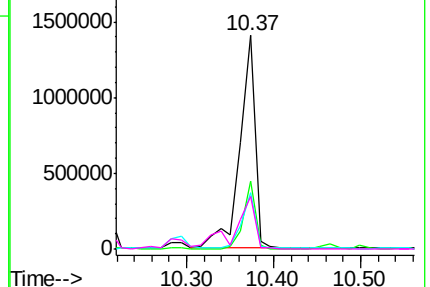


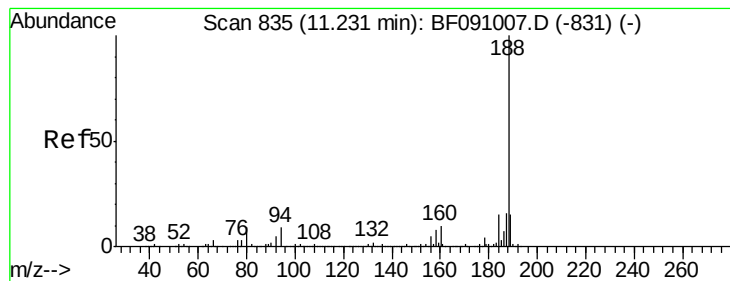
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

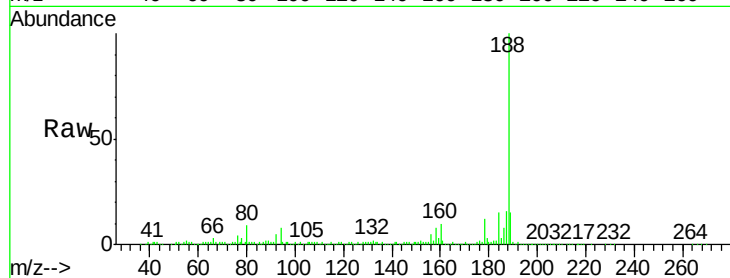
Tgt Ion:188 Resp: 681236

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

80 8.8 7.5 11.3



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

11.15

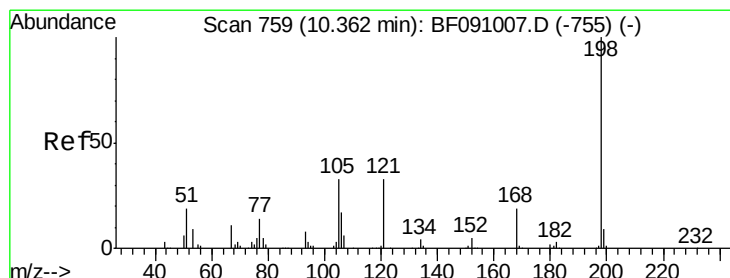
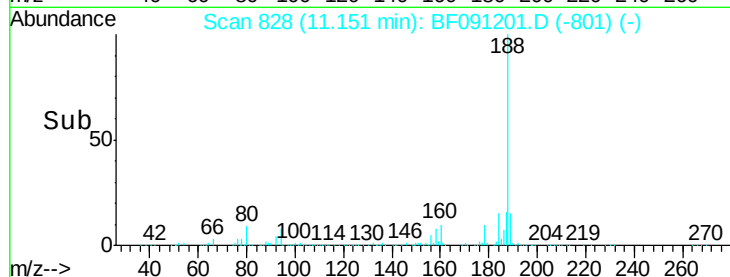
600000

400000

200000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 54.97 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

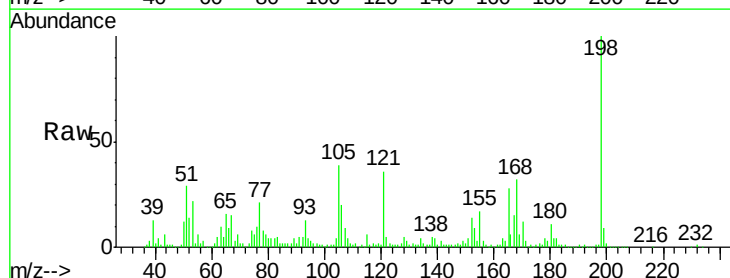
Tgt Ion:198 Resp: 229297

Ion Ratio Lower Upper

198 100

51 28.8 5.9 45.9

105 38.6 13.8 53.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.29

500000

400000

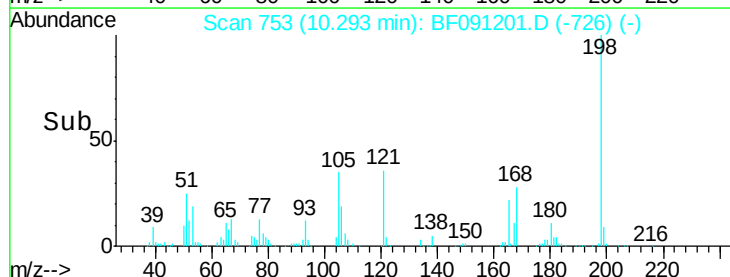
300000

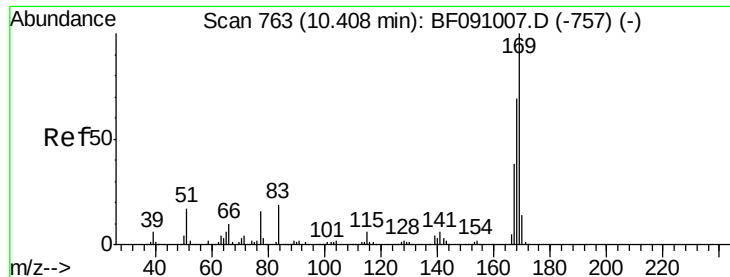
200000

100000

0

Time-->

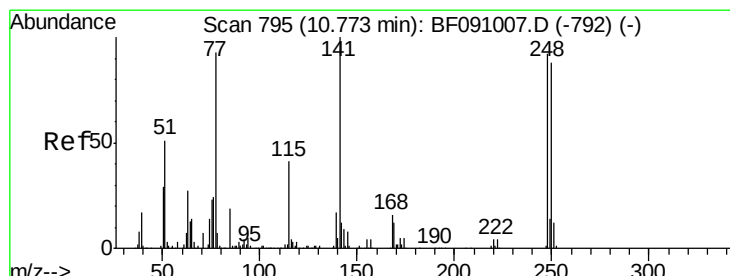
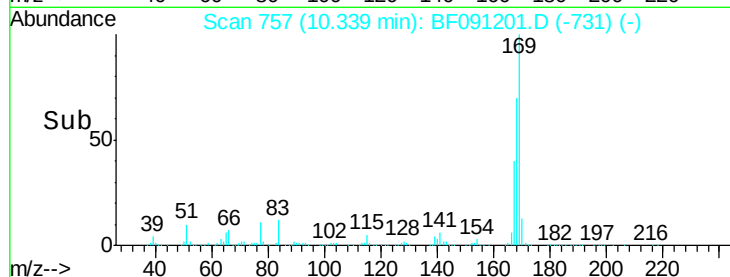
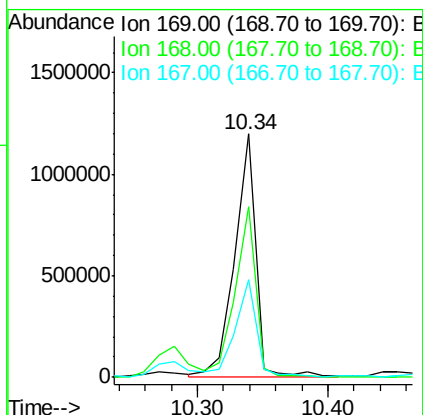
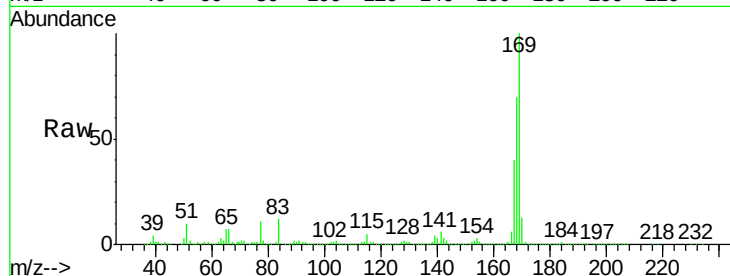




#65  
n-Nitrosodiphenylamine  
Concen: 61.09 ng  
RT: 10.34 min Scan# 757  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

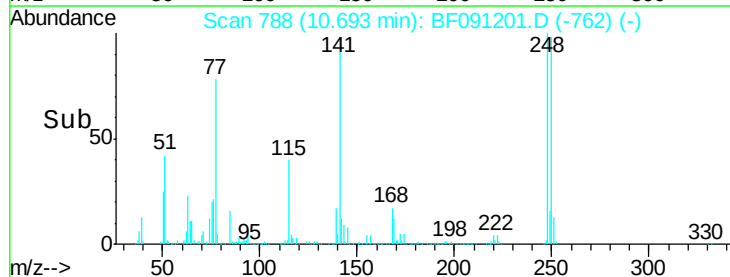
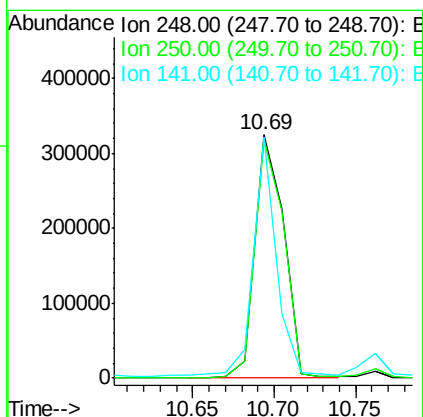
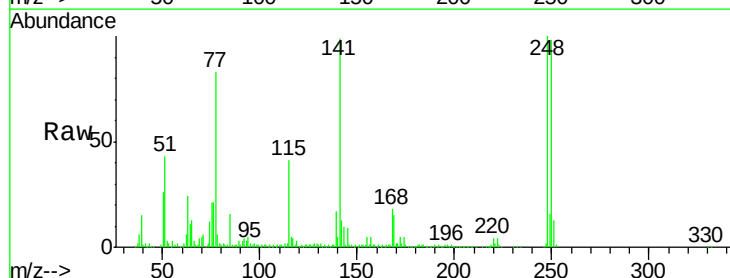
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

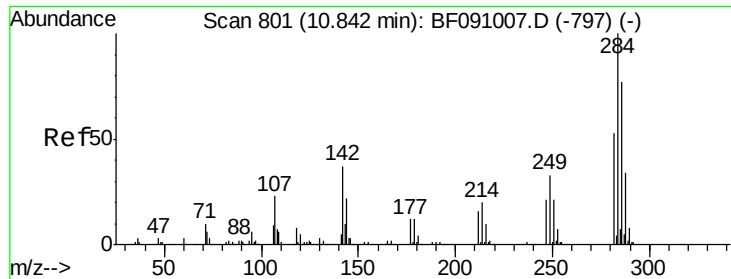
Tgt Ion:169 Resp: 1322846  
Ion Ratio Lower Upper  
169 100  
168 70.3 55.3 82.9  
167 40.0 30.3 45.5



#66  
4-Bromophenyl-phenylether  
Concen: 56.63 ng  
RT: 10.69 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion:248 Resp: 401305  
Ion Ratio Lower Upper  
248 100  
250 98.1 76.3 114.5  
141 99.0 86.8 130.2

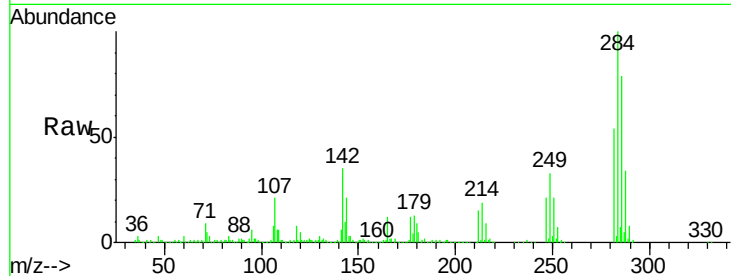




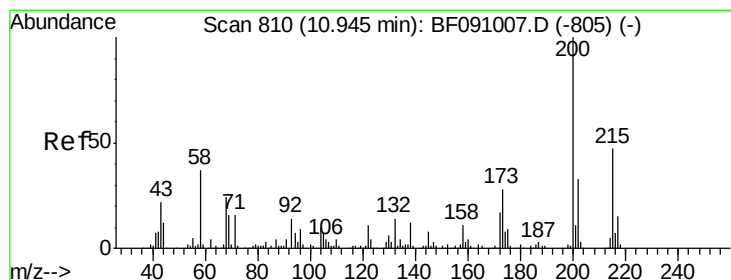
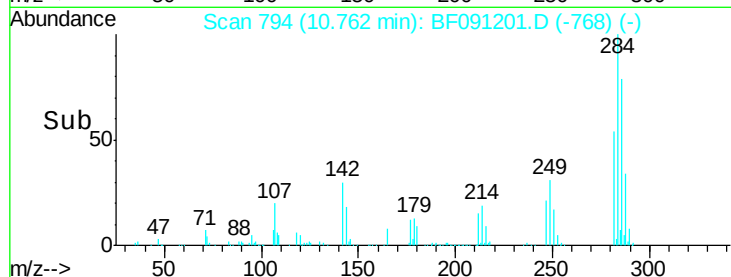
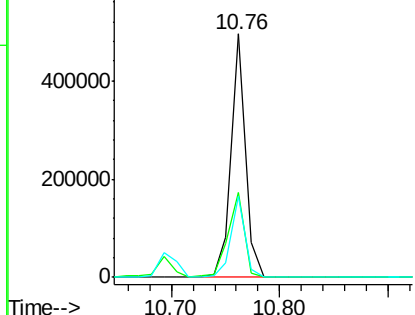
#67  
Hexachlorobenzene  
Concen: 57.71 ng  
RT: 10.76 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.1  | 29.9  | 44.9  |
| 249     | 33.2  | 26.6  | 39.8  |

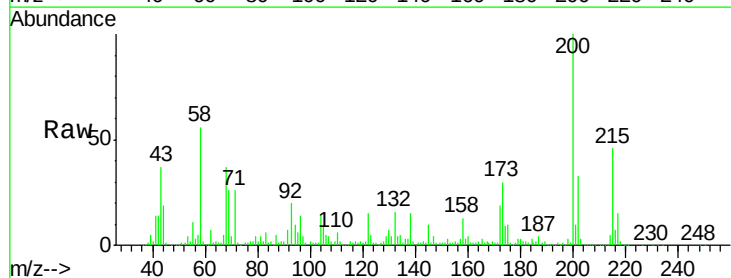


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

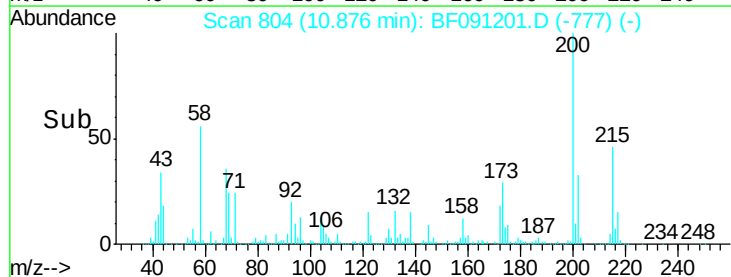
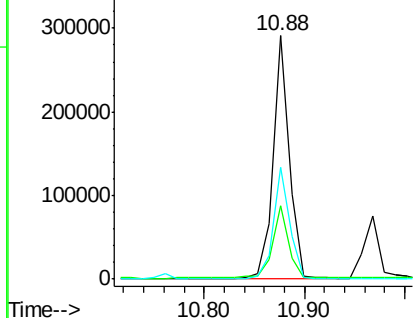


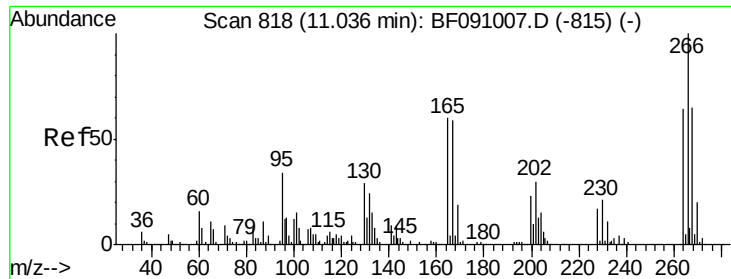
#68  
Atrazine  
Concen: 52.05 ng  
RT: 10.88 min Scan# 804  
Delta R.T. 0.01 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.9  | 8.1   | 48.1  |
| 215     | 45.7  | 27.3  | 67.3  |



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

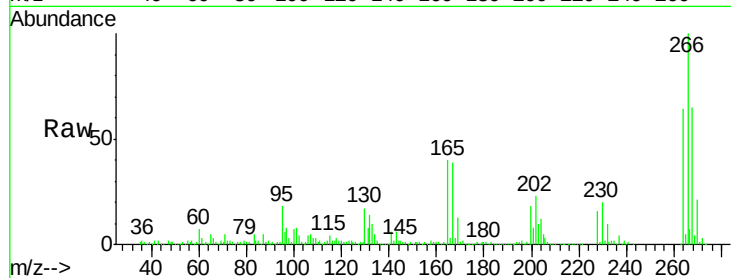




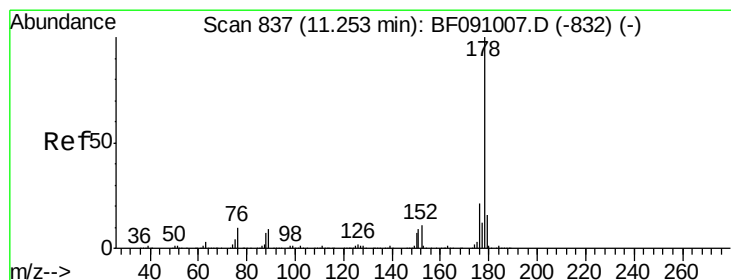
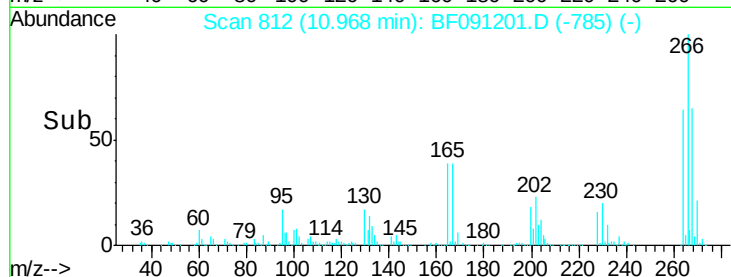
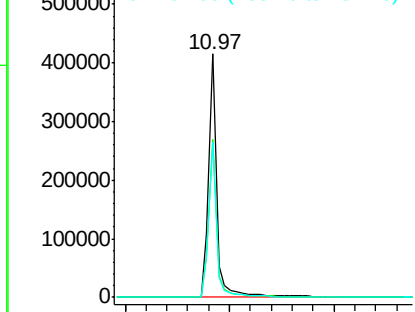
#69  
 Pentachlorophenol  
 Concen: 132.49 ng  
 RT: 10.97 min Scan# 812  
 Delta R.T. 0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

Tgt Ion:266 Resp: 458601  
 Ion Ratio Lower Upper  
 266 100  
 268 64.9 52.1 78.1  
 264 64.0 51.1 76.7

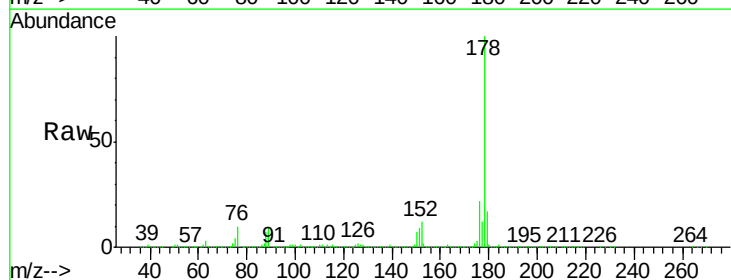


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

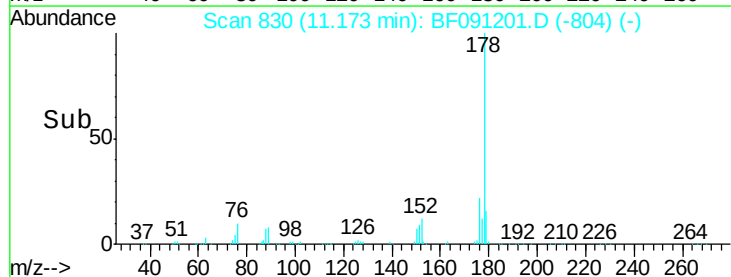
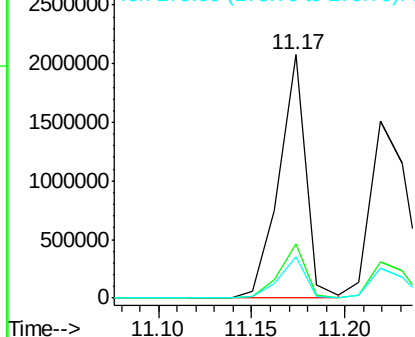


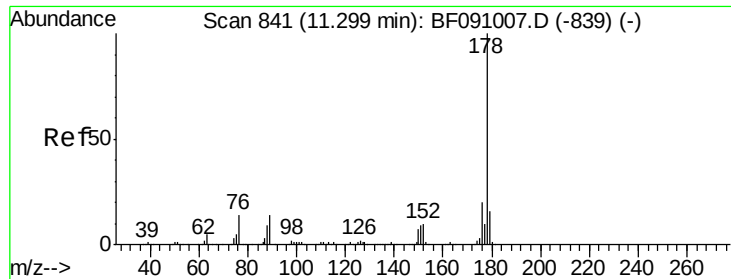
#70  
 Phenanthrene  
 Concen: 57.28 ng  
 RT: 11.17 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Tgt Ion:178 Resp: 2074467  
 Ion Ratio Lower Upper  
 178 100  
 176 22.2 16.6 25.0  
 179 16.8 12.9 19.3



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

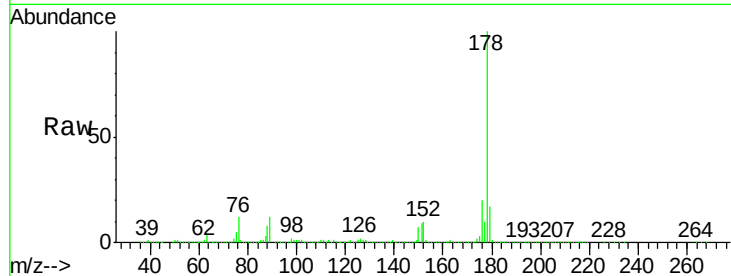




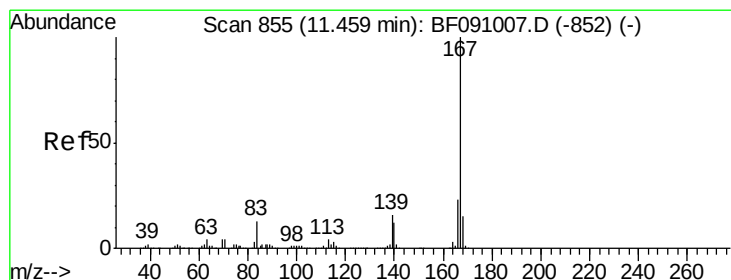
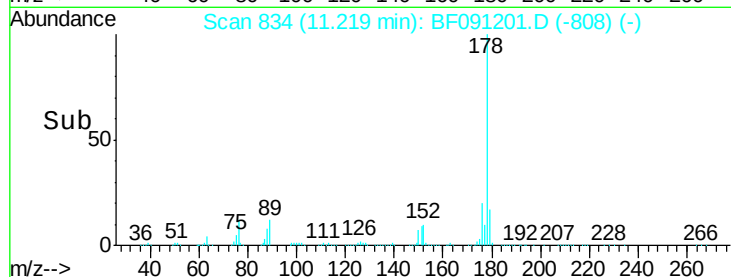
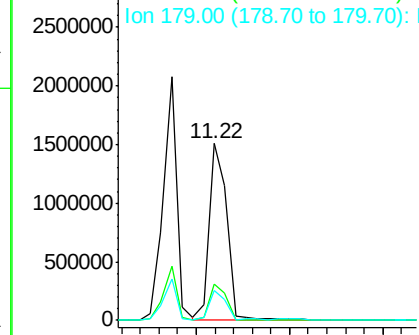
#71  
 Anthracene  
 Concen: 51.69 ng  
 RT: 11.22 min Scan# 834  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

Tgt Ion:178 Resp: 1990251  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 16.0 24.0  
 179 16.7 13.0 19.6

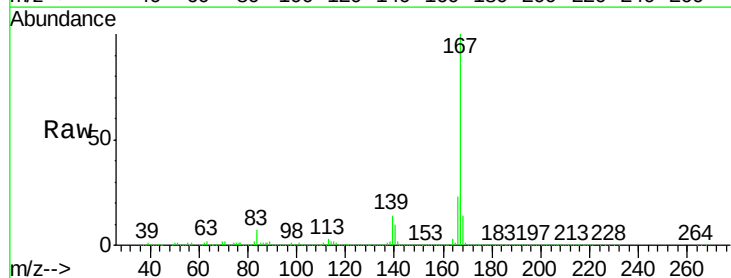


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

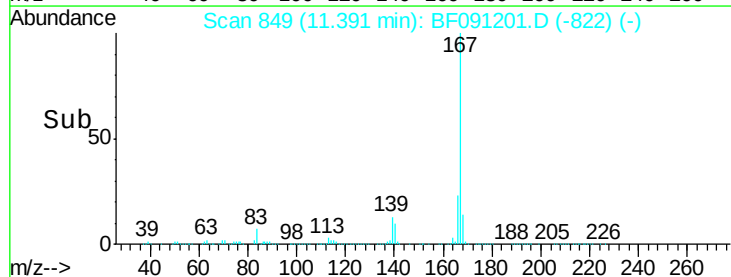
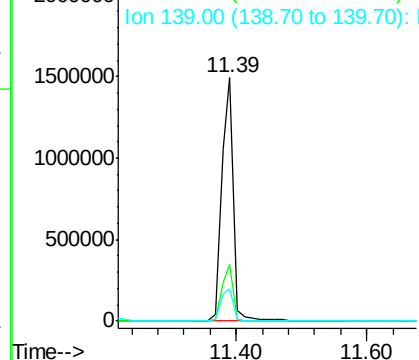


#72  
 Carbazole  
 Concen: 54.19 ng  
 RT: 11.39 min Scan# 849  
 Delta R.T. 0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

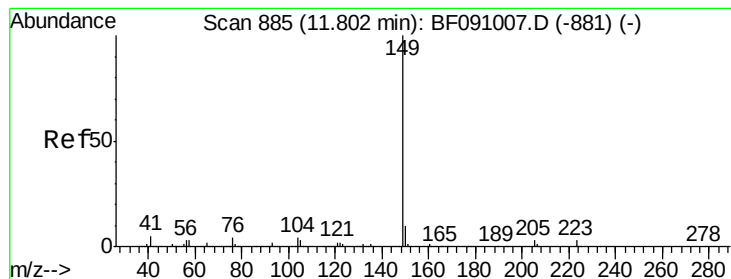
Tgt Ion:167 Resp: 1880021  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 18.0 27.0  
 139 13.6 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 47.78 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

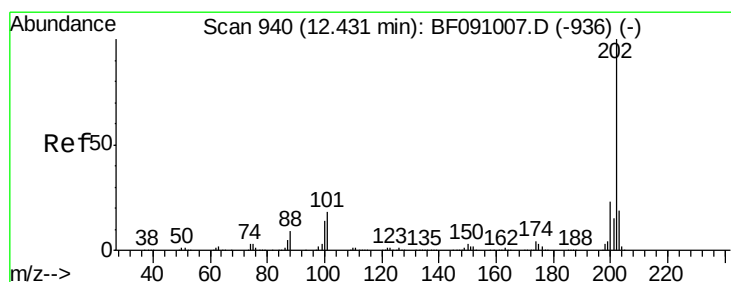
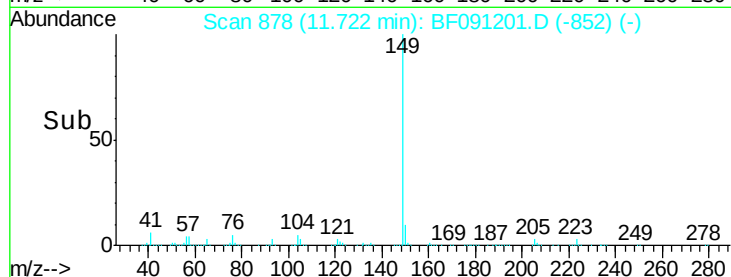
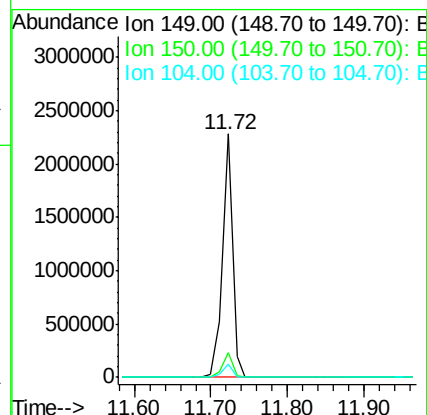
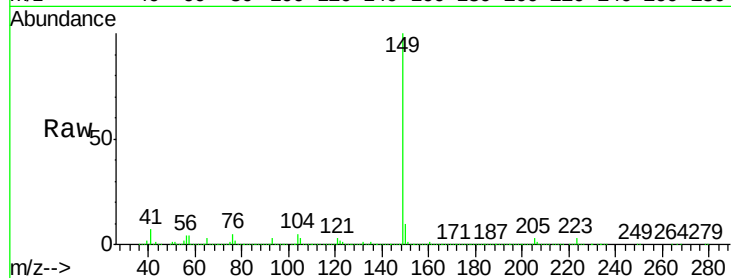
Tgt Ion:149 Resp: 2085034

Ion Ratio Lower Upper

149 100

150 10.4 7.7 11.5

104 5.5 3.6 5.4#



#74

Fluoranthene

Concen: 49.47 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

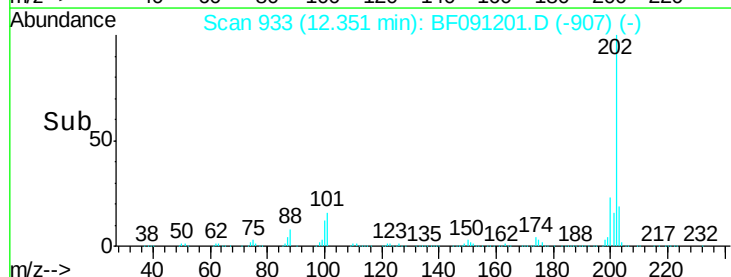
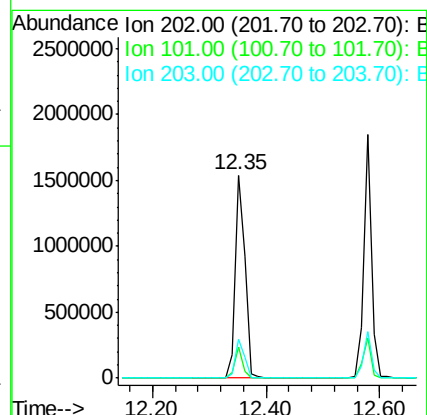
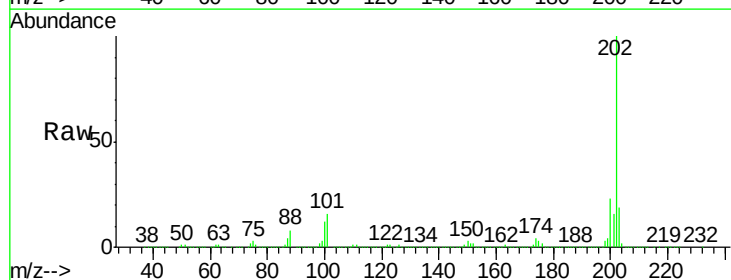
Tgt Ion:202 Resp: 1857986

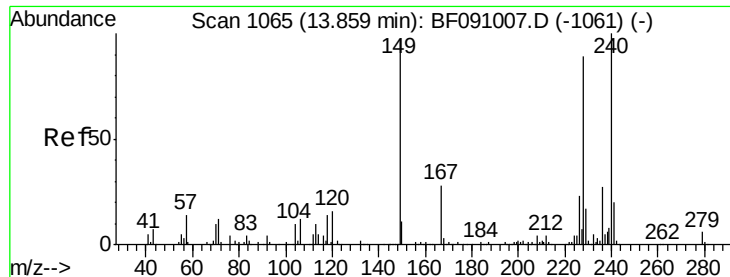
Ion Ratio Lower Upper

202 100

101 15.6 0.0 37.6

203 18.9 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

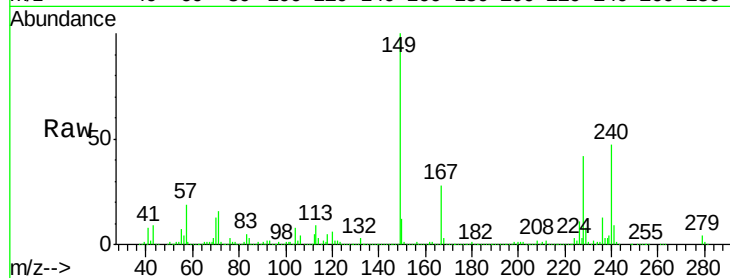
Tgt Ion:240 Resp: 495944

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

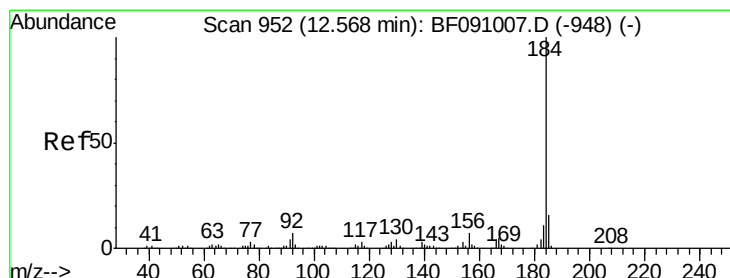
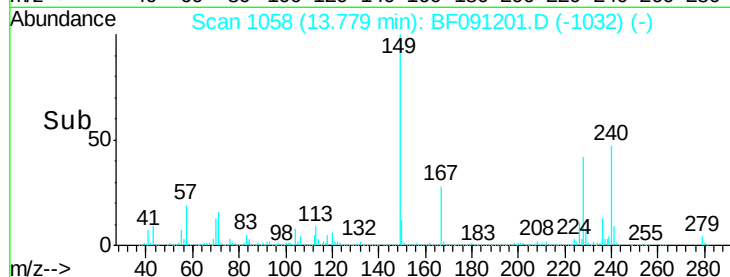
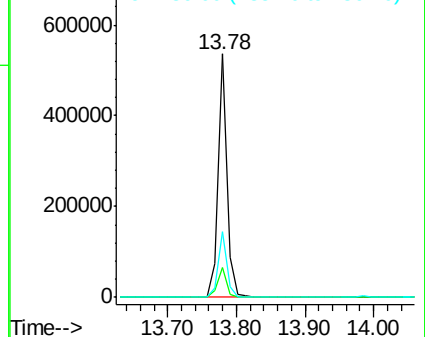
236 27.0 21.9 32.9



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: 20.26 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

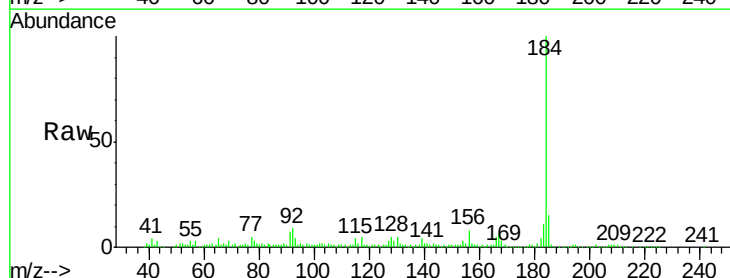
Tgt Ion:184 Resp: 224460

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

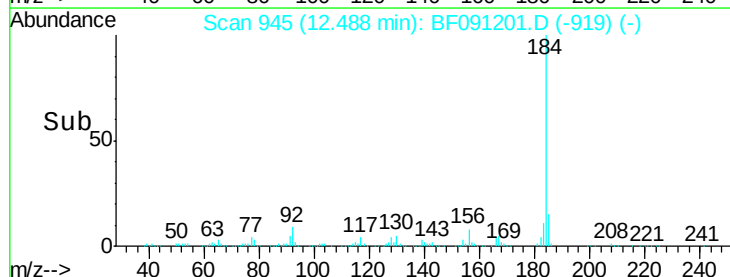
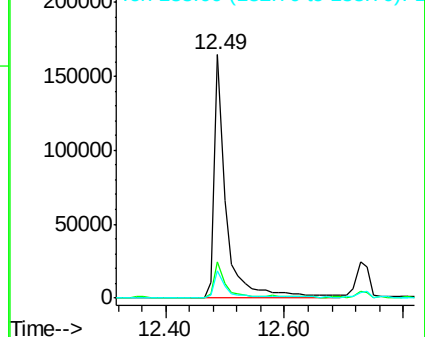
183 11.3 8.7 13.1

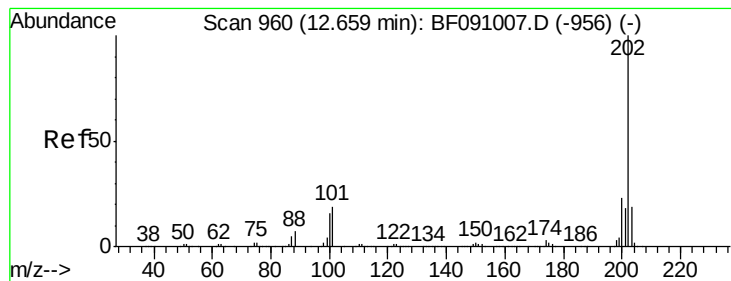


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 55.03 ng

RT: 12.58 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

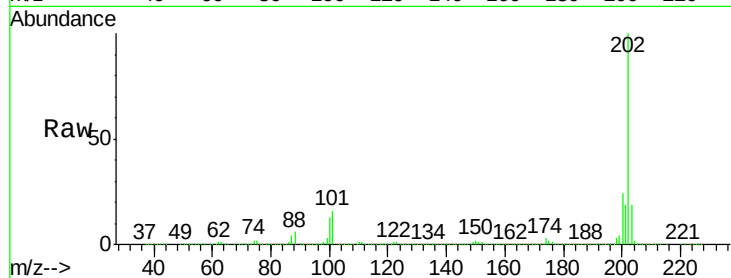
Tgt Ion:202 Resp: 1787194

Ion Ratio Lower Upper

202 100

200 23.8 18.4 27.6

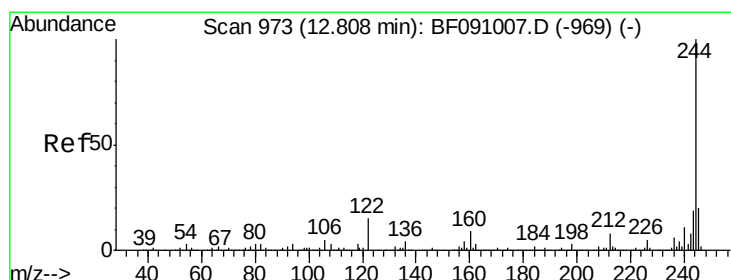
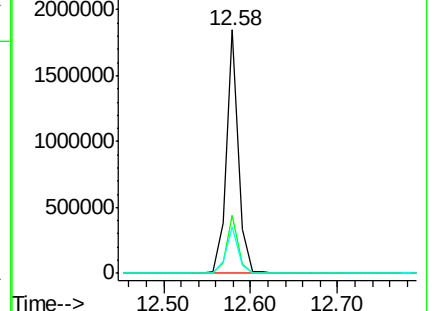
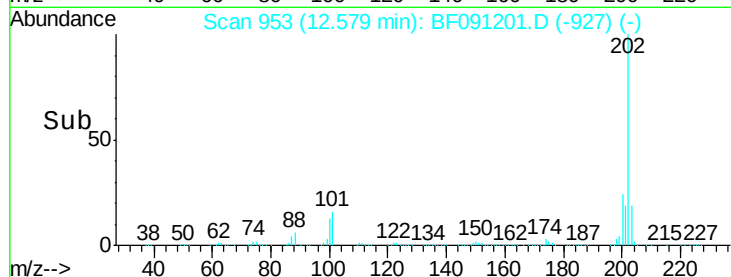
203 19.1 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 123.43 ng

RT: 12.74 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

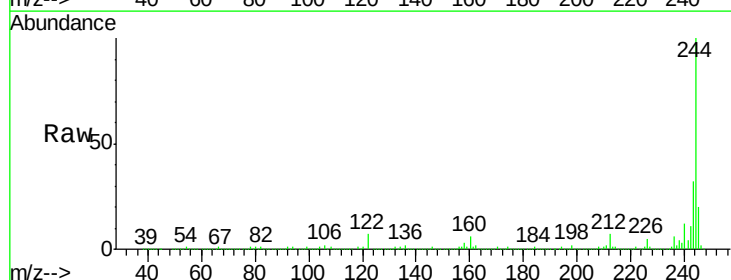
Tgt Ion:244 Resp: 2453039

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

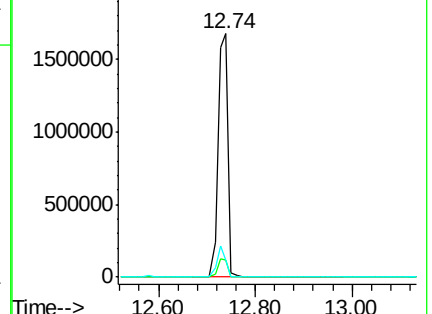
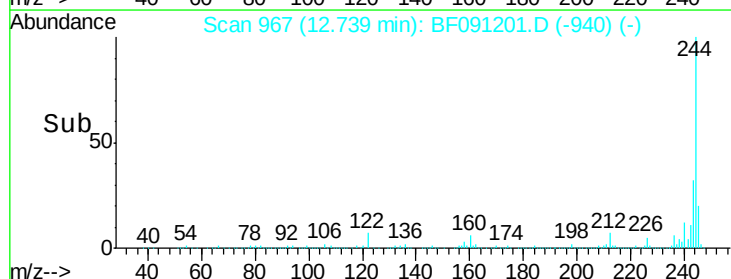
122 6.8 12.3 18.5#

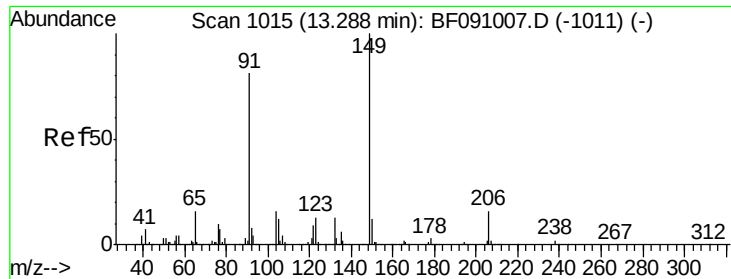


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

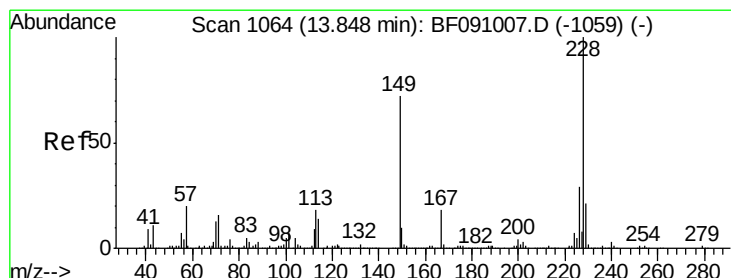
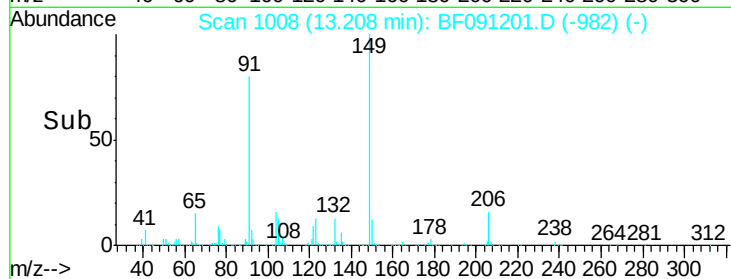
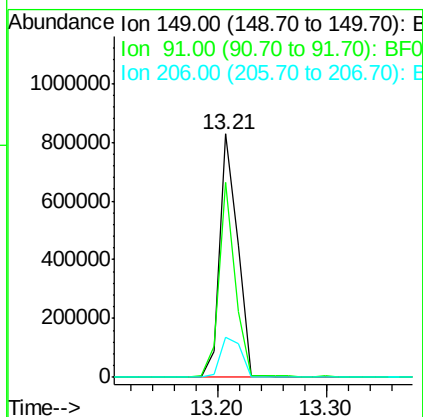
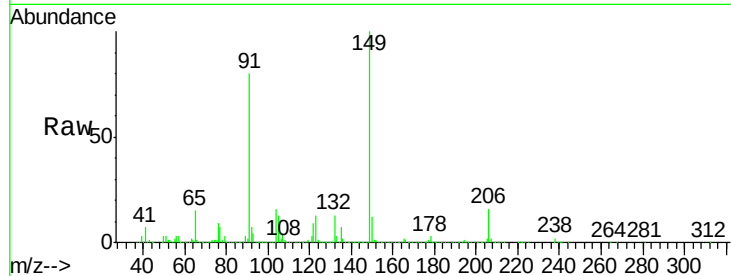




#79  
Butylbenzylphthalate  
Concen: 61.03 ng  
RT: 13.21 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

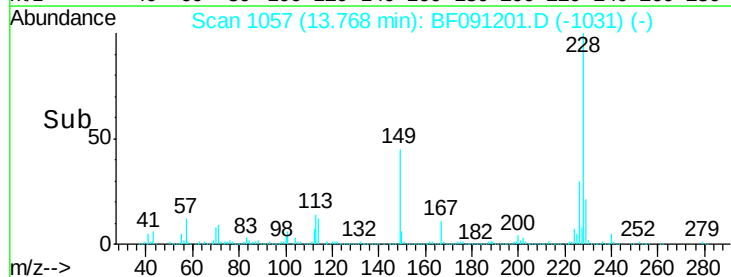
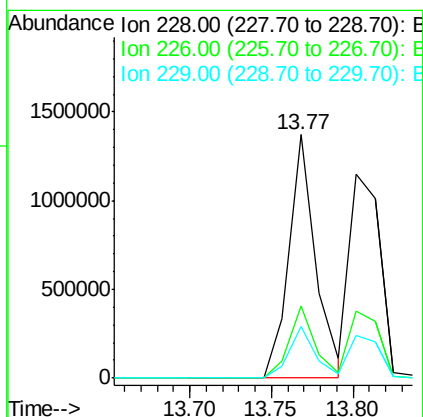
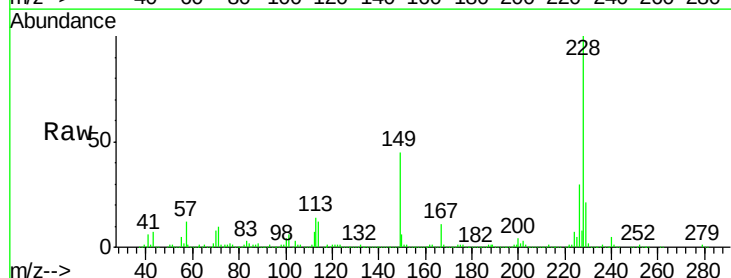
Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

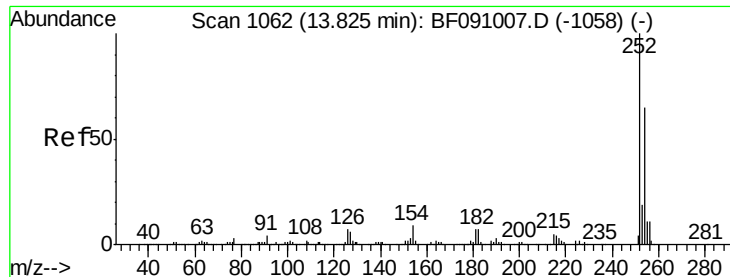
Tgt Ion:149 Resp: 948201  
Ion Ratio Lower Upper  
149 100  
91 79.8 65.0 97.4  
206 16.4 12.5 18.7



#80  
Benzo(a)anthracene  
Concen: 55.99 ng  
RT: 13.77 min Scan# 1057  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion:228 Resp: 1576556  
Ion Ratio Lower Upper  
228 100  
226 29.6 23.0 34.6  
229 21.2 16.6 24.8

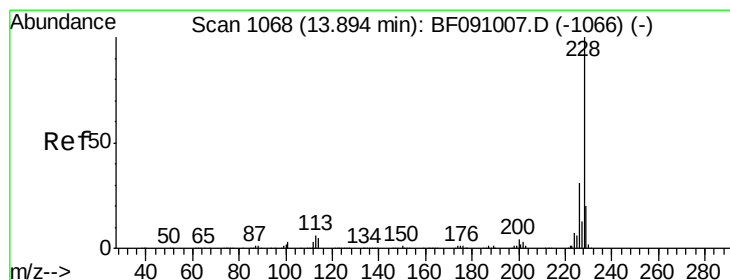
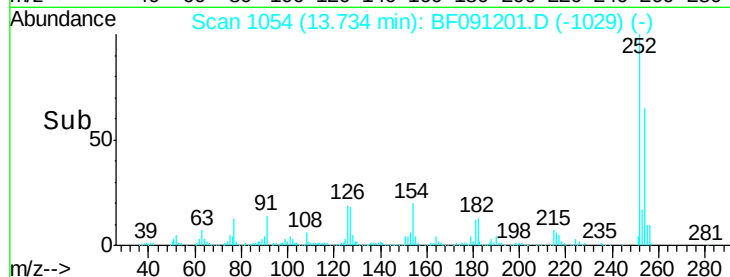
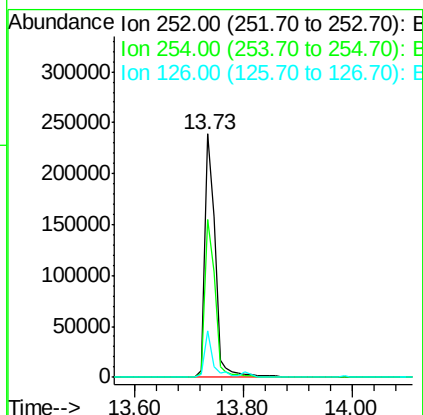
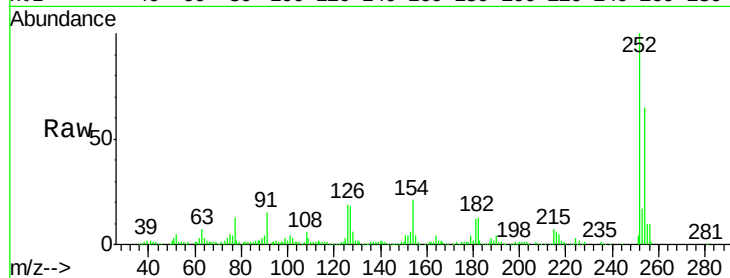




#81  
 3,3'-Dichlorobenzidine  
 Concen: 31.64 ng  
 RT: 13.73 min Scan# 1054  
 Delta R.T. -0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

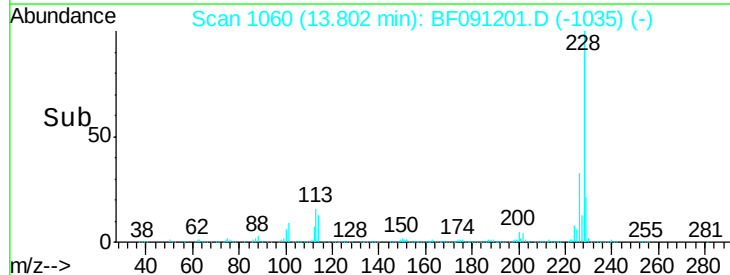
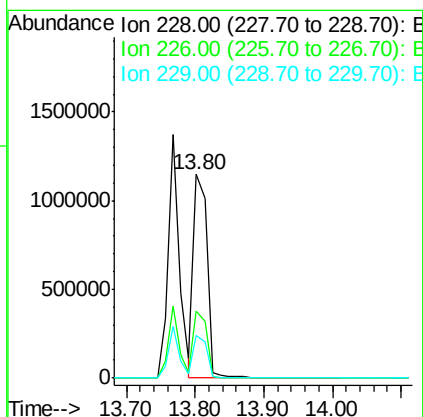
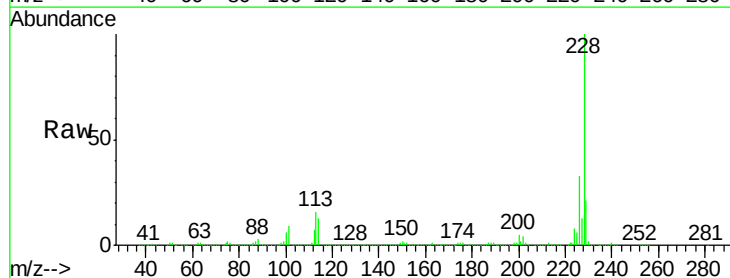
Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

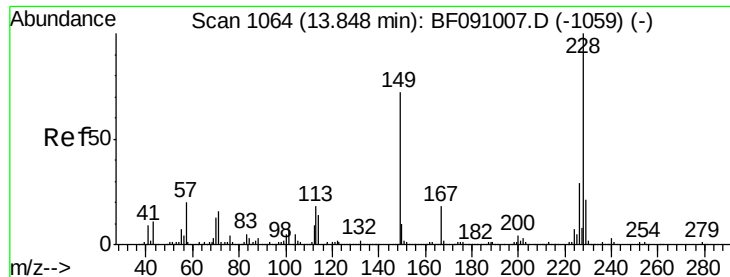
Tgt Ion:252 Resp: 313010  
 Ion Ratio Lower Upper  
 252 100  
 254 64.7 52.0 78.0  
 126 19.1 5.4 8.2#



#82  
 Chrysene  
 Concen: 55.41 ng  
 RT: 13.80 min Scan# 1060  
 Delta R.T. -0.01 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Tgt Ion:228 Resp: 1538492  
 Ion Ratio Lower Upper  
 228 100  
 226 32.7 24.9 37.3  
 229 21.0 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.46 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

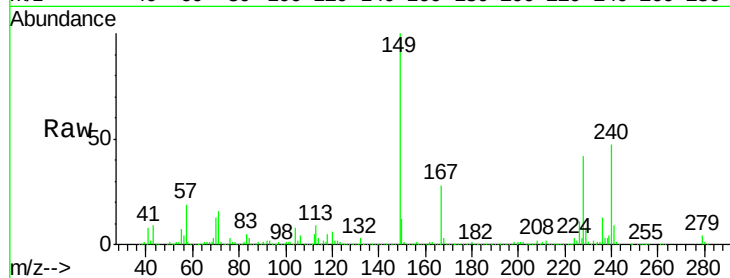
Tgt Ion:149 Resp: 1250039

Ion Ratio Lower Upper

149 100

167 28.4 20.4 30.6

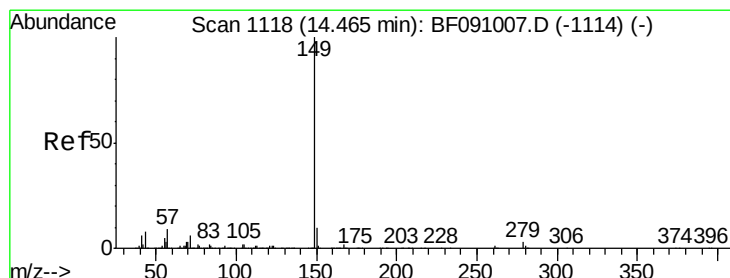
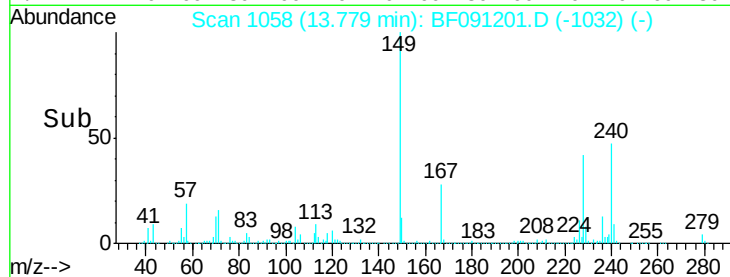
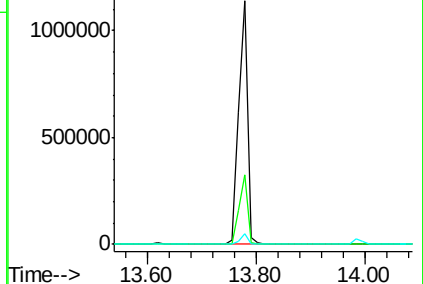
279 4.4 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 57.07 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

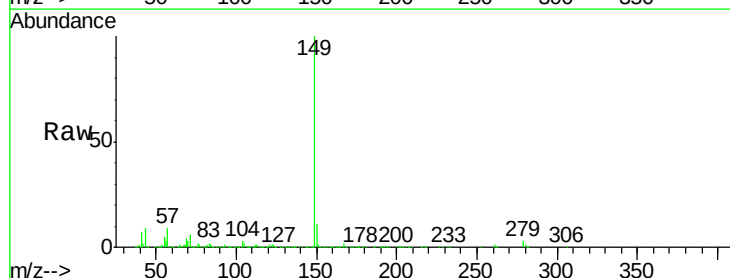
Tgt Ion:149 Resp: 1972799

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

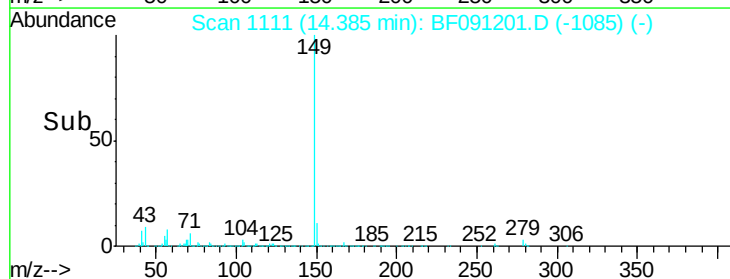
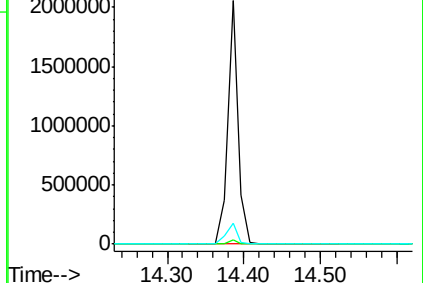
43 9.1 8.2 12.4

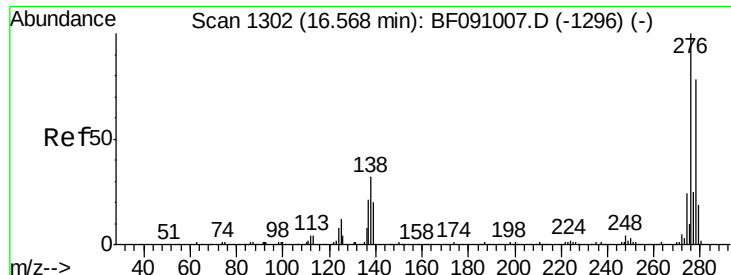


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



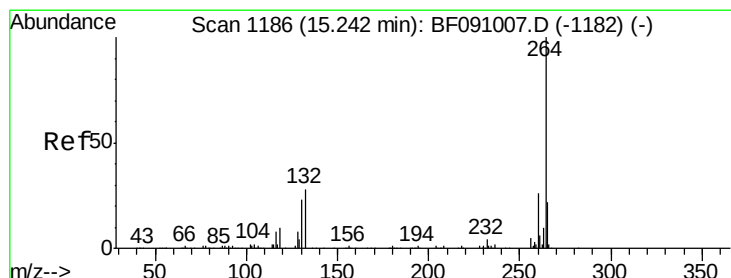
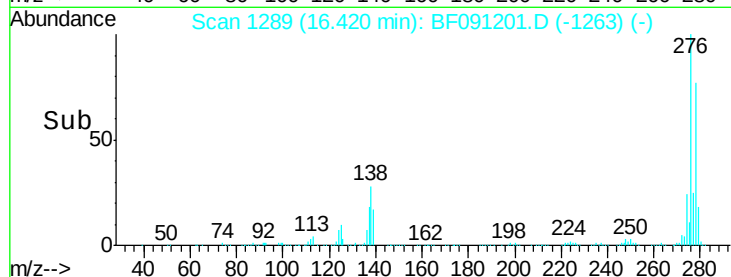
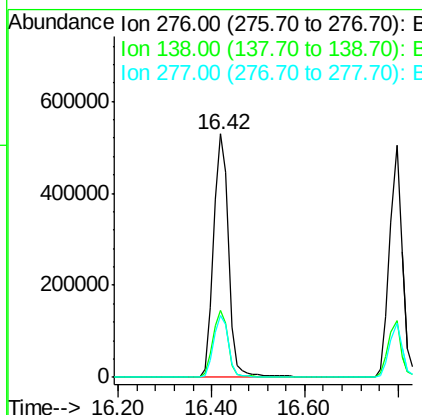
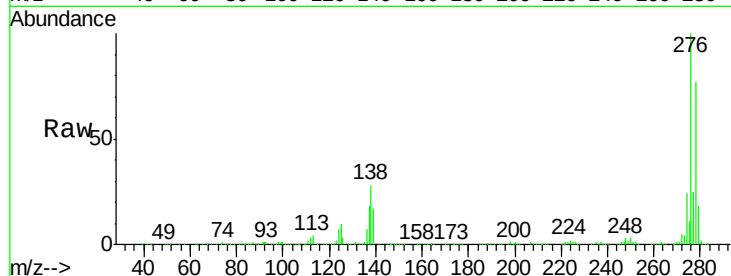


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 51.90 ng  
 RT: 16.42 min Scan# 1289  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C19023041MSD

Tgt Ion: 276 Resp: 1195689  

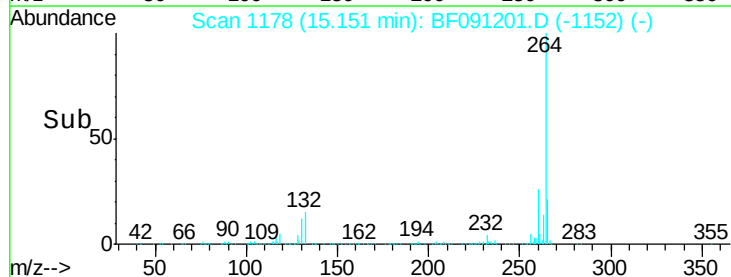
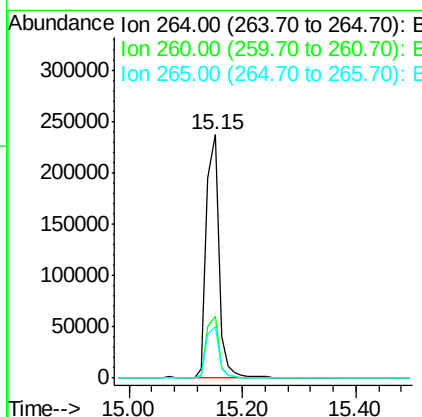
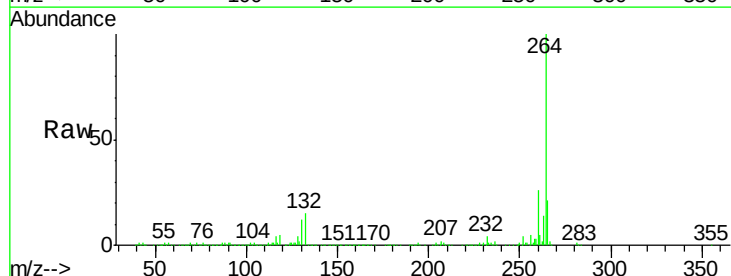
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 28.2  | 26.0  | 39.0  |
| 277 | 25.4  | 20.1  | 30.1  |

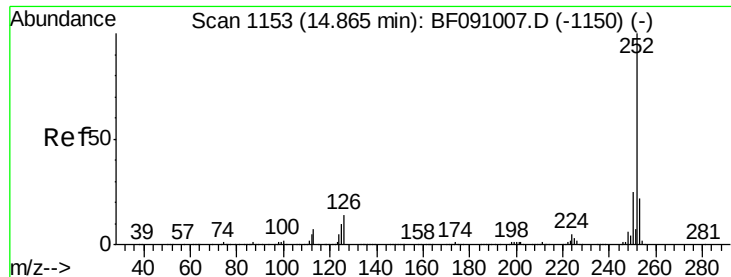


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.15 min Scan# 1178  
 Delta R.T. -0.00 min  
 Lab File: BF091201.D  
 Acq: 16 Nov 2016 21:17

Tgt Ion: 264 Resp: 353286  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.6  | 20.6  | 30.8  |
| 265 | 21.1  | 17.8  | 26.8  |





#87

Benzo(b)fluoranthene

Concen: 53.74 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD

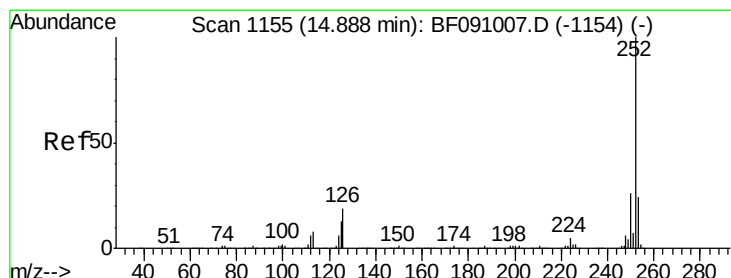
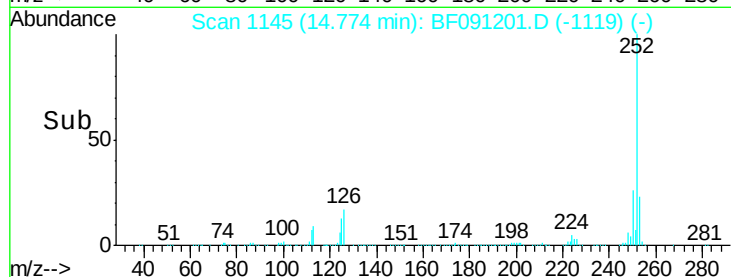
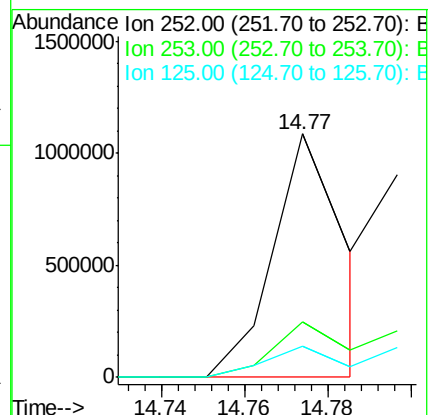
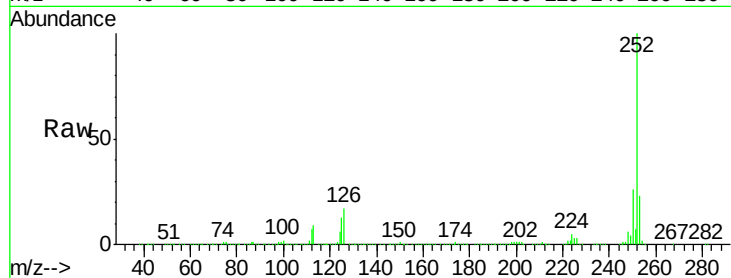
Tgt Ion:252 Resp: 1287792

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 12.7 8.3 12.5#



#88

Benzo(k)fluoranthene

Concen: 63.69 ng m

RT: 14.81 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

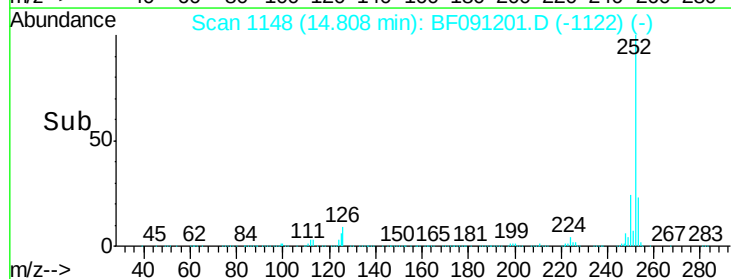
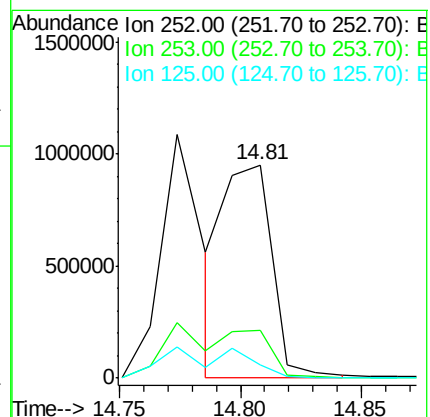
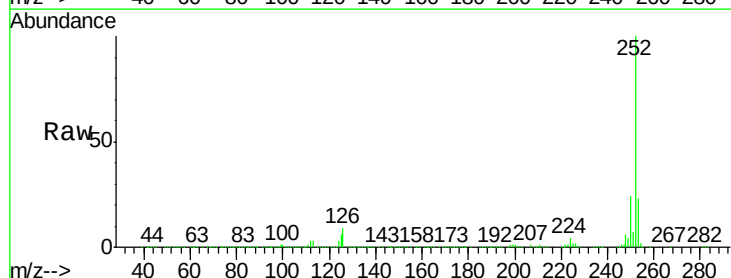
Tgt Ion:252 Resp: 1338613

Ion Ratio Lower Upper

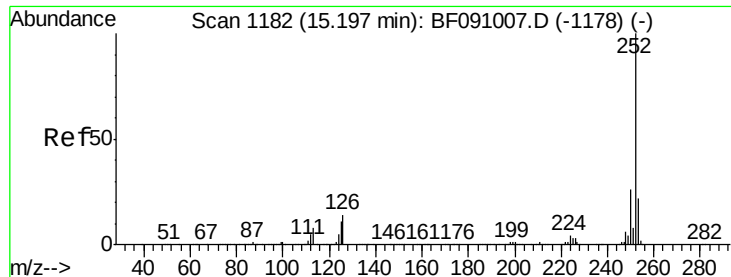
252 100

253 22.5 18.6 28.0

125 6.2 11.2 16.8#



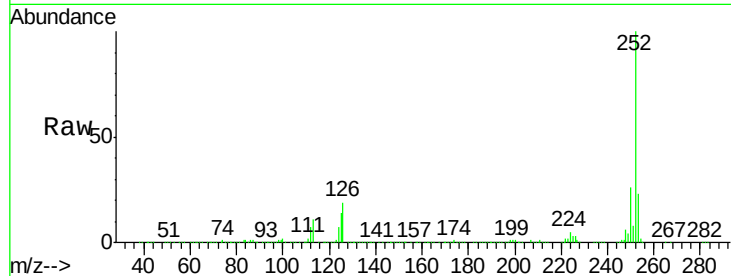




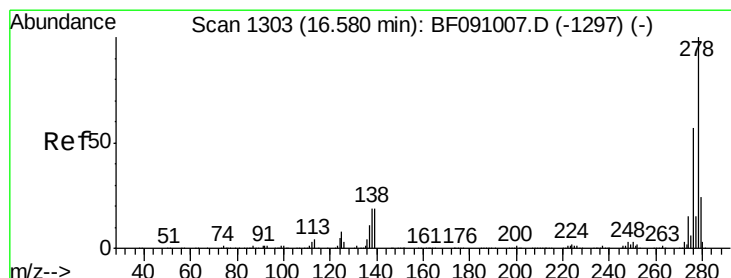
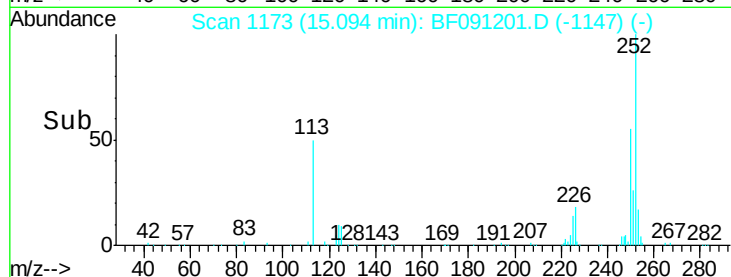
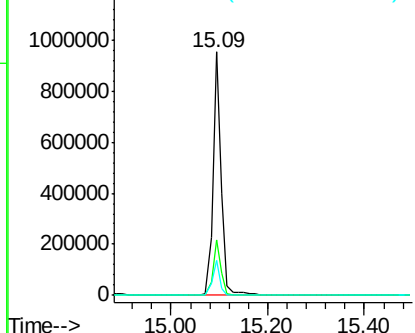
#89  
Benzo(a)pyrene  
Concen: 54.70 ng  
RT: 15.09 min Scan# 1173  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Instrument :  
BNA\_F  
ClientSampleId :  
C19023041MSD

Tgt Ion:252 Resp: 1141058  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 14.3 8.6 13.0#

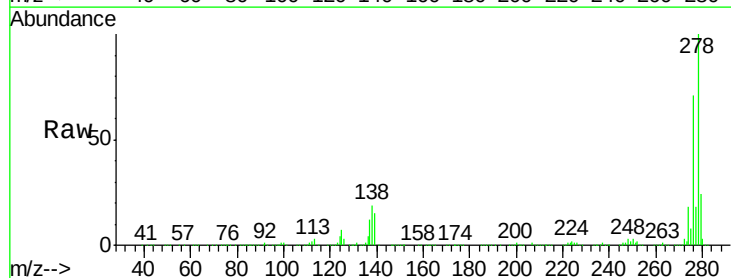


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

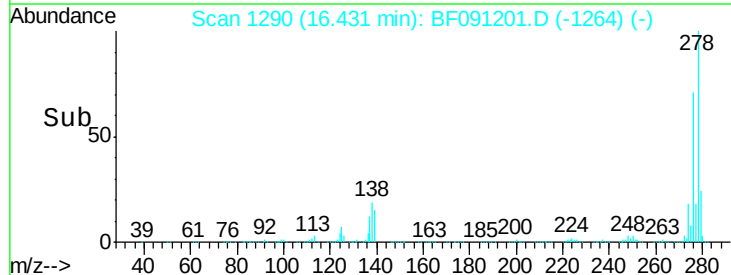
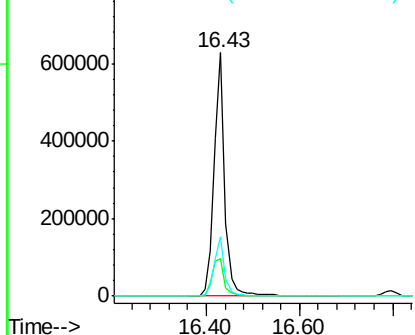


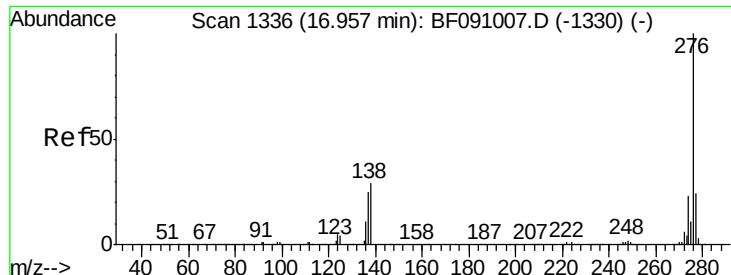
#90  
Dibenzo(a,h)anthracene  
Concen: 56.32 ng  
RT: 16.43 min Scan# 1290  
Delta R.T. -0.00 min  
Lab File: BF091201.D  
Acq: 16 Nov 2016 21:17

Tgt Ion:278 Resp: 1015503  
Ion Ratio Lower Upper  
278 100  
139 15.4 15.3 22.9  
279 24.3 19.3 28.9



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: 58.81 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF091201.D

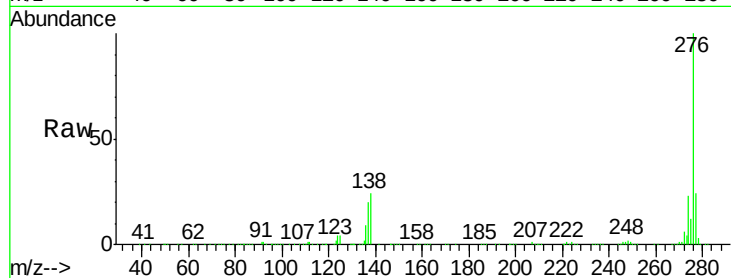
Acq: 16 Nov 2016 21:17

Instrument :

BNA\_F

ClientSampleId :

C19023041MSD



Tgt Ion: 276 Resp: 959007

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 24.3 23.3 34.9

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

