

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122316\  
 Data File : BF091927.D  
 Acq On : 23 Dec 2016 16:50  
 Operator : UM/SJ  
 Sample : H5156-25MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

Quant Time: Dec 23 22:05:51 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 186501   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.03  | 136  | 749140   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.78  | 164  | 425300   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.26 | 188  | 709624   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.89 | 240  | 507833   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.29 | 264  | 403764   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.39  | 112 | 1490446 | 133.44 | ng | 0.05  |
| 7) Phenol-d6             | 6.44  | 99  | 1786010 | 130.97 | ng | 0.03  |
| 23) Nitrobenzene-d5      | 7.31  | 82  | 1397009 | 103.69 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.58 | 330 | 544295  | 154.64 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.10  | 172 | 2178609 | 108.53 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.84 | 244 | 2026483 | 96.78  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |     | Qvalue |
|--------------------------------|------|-----|---------|--------|-----|--------|
| 2) 1,4-Dioxane                 | 2.34 | 88  | 215566  | 39.20  | ng  | 99     |
| 3) Pyridine                    | 3.01 | 79  | 577308  | 30.08  | ng  | 98     |
| 4) n-Nitrosodimethylamine      | 2.98 | 42  | 343729  | 47.48  | ng  | 99     |
| 6) Aniline                     | 6.41 | 93  | 301919  | 17.05  | ng  | # 45   |
| 8) 2-Chlorophenol              | 6.54 | 128 | 572642  | 45.07  | ng  | 97     |
| 9) Benzaldehyde                | 6.28 | 77  | 79184   | 7.74   | ng  | 96     |
| 10) Phenol                     | 6.45 | 94  | 760096  | 48.91  | ng  | # 71   |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93  | 672311  | 54.38  | ng  | 97     |
| 12) 1,3-Dichlorobenzene        | 6.68 | 146 | 610197  | 44.99  | ng  | # 95   |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 624421  | 45.23  | ng  | 95     |
| 14) 1,2-Dichlorobenzene        | 6.91 | 146 | 499271  | 41.68  | ng  | 95     |
| 15) Benzyl Alcohol             | 6.91 | 79  | 571397  | 53.93  | ng  | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 877856  | 47.68  | ng  | 93     |
| 17) 2-Methylphenol             | 7.05 | 107 | 518064  | 50.70  | ng  | 98     |
| 18) Hexachloroethane           | 7.25 | 117 | 236455  | 46.20  | ng  | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.17 | 70  | 517092  | 57.00  | ng  | # 90   |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 718683  | 58.97  | ng  | # 72   |
| 22) Acetophenone               | 7.16 | 105 | 977608  | 52.91  | ng  | # 91   |
| 24) Nitrobenzene               | 7.33 | 77  | 755377  | 52.64  | ng  | 97     |
| 25) Isophorone                 | 7.57 | 82  | 1250017 | 50.29  | ng  | 95     |
| 26) 2-Nitrophenol              | 7.65 | 139 | 366994  | 51.86  | ng  | # 87   |
| 27) 2,4-Dimethylphenol         | 7.72 | 122 | 568968  | 48.48  | ng  | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93  | 790138  | 52.42  | ng  | 99     |
| 29) 2,4-Dichlorophenol         | 7.92 | 162 | 546195  | 54.96  | ng  | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 541719  | 49.74  | ng  | # 96   |
| 31) Naphthalene                | 8.06 | 128 | 7012922 | 204.54 | ng  | 97     |
| 32) Benzoic acid               | 7.88 | 122 | 301683  | 34.66  | ng  | 98     |
| 33) 4-Chloroaniline            | 8.11 | 127 | 212625  | 13.75  | ng  | 99     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 279941  | 48.70  | ng  | 99     |
| 35) Caprolactam                | 8.49 | 113 | 92642   | 28.37  | ng  | # 60   |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 593508  | 51.90  | ng  | 100    |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 1427635 | Below  | Cal | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 514150  | 47.85  | ng  | 97     |
| 40) Hexachlorocyclopentadiene  | 8.90 | 237 | 405578  | 84.52  | ng  | 99     |

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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

Quant Time: Dec 23 22:05:51 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

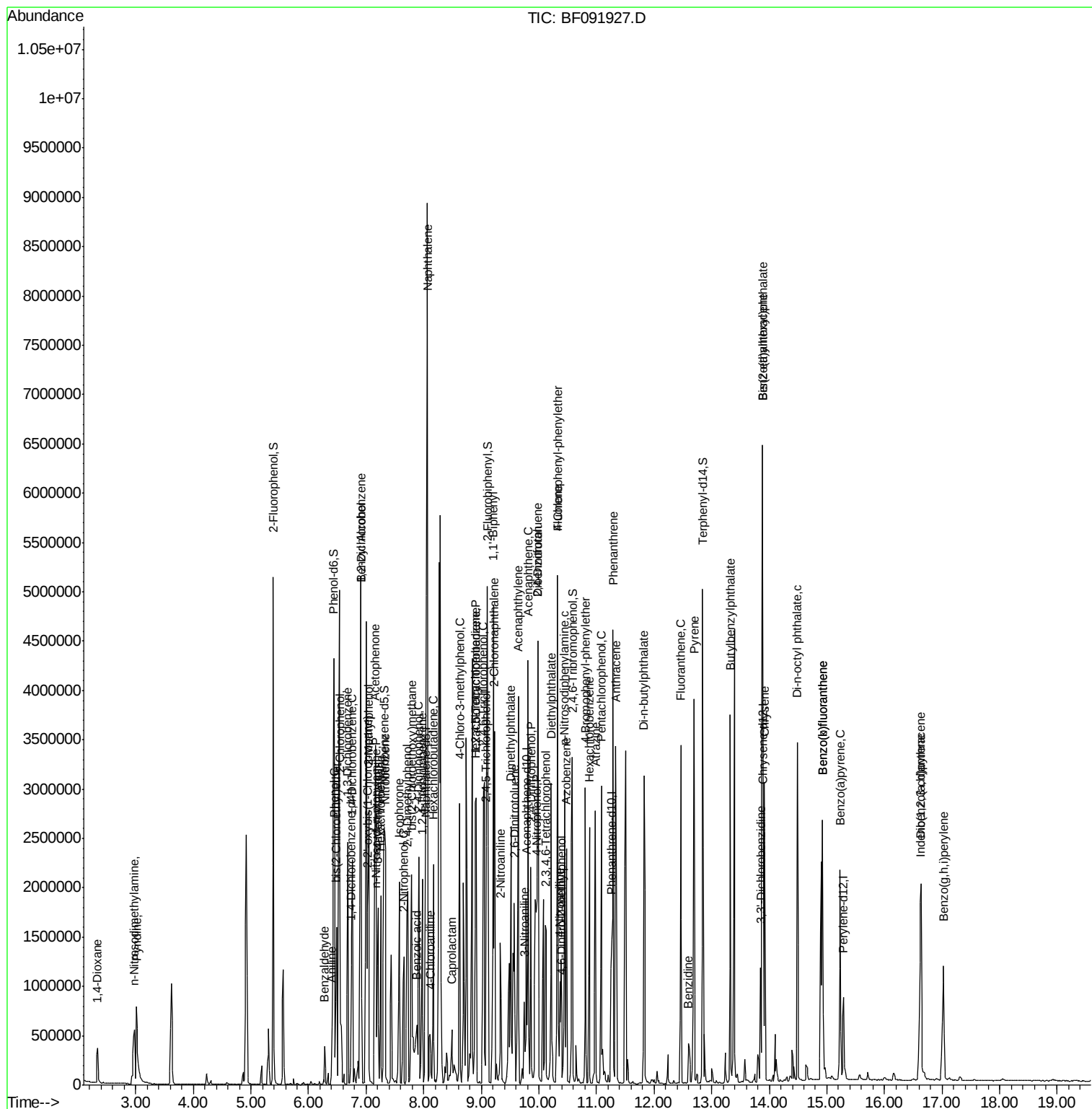
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.04  | 196  | 356623   | 47.46  | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.08  | 196  | 343958   | 44.48  | ng    | 92       |
| 45) 1,1'-Biphenyl              | 9.21  | 154  | 1520325  | 52.21  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.23  | 162  | 1097857  | 47.61  | ng    | 95       |
| 47) 2-Nitroaniline             | 9.33  | 65   | 332786   | 40.53  | ng    | 96       |
| 48) Acenaphthylene             | 9.64  | 152  | 1652789  | 46.60  | ng    | 99       |
| 49) Dimethylphthalate          | 9.52  | 163  | 1299707  | 47.78  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.57  | 165  | 290695   | 48.83  | ng    | # 61     |
| 51) Acenaphthene               | 9.81  | 154  | 1025024  | 42.63  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.74  | 138  | 148239   | 20.12  | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 9.86  | 184  | 327402   | 98.83  | ng    | # 68     |
| 54) Dibenzofuran               | 9.98  | 168  | 1382056  | 42.56  | ng    | 96       |
| 55) 4-Nitrophenol              | 9.96  | 139  | 525731   | 105.09 | ng    | # 71     |
| 56) 2,4-Dinitrotoluene         | 9.98  | 165  | 405417   | 54.25  | ng    | 94       |
| 57) Fluorene                   | 10.33 | 166  | 1117185  | 47.29  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.12 | 232  | 306829   | 50.16  | ng    | 98       |
| 59) Diethylphthalate           | 10.21 | 149  | 1274812  | 48.26  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.33 | 204  | 536156   | 51.83  | ng    | # 78     |
| 61) 4-Nitroaniline             | 10.36 | 138  | 242560   | 31.77  | ng    | 94       |
| 62) Azobenzene                 | 10.48 | 77   | 1463651  | 50.32  | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198  | 220061   | 51.28  | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.44 | 169  | 1059492  | 50.32  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.81 | 248  | 343133   | 46.48  | ng    | 97       |
| 67) Hexachlorobenzene          | 10.88 | 284  | 371463   | 47.08  | ng    | # 94     |
| 68) Atrazine                   | 10.98 | 200  | 308675   | 45.44  | ng    | 97       |
| 69) Pentachlorophenol          | 11.08 | 266  | 372124   | 96.12  | ng    | 98       |
| 70) Phenanthrene               | 11.29 | 178  | 1831422  | 47.60  | ng    | 99       |
| 71) Anthracene                 | 11.33 | 178  | 1772043  | 57.22  | ng    | 99       |
| 72) Carbazole                  | 11.50 | 167  | 1756162  | Below  | Cal   | 98       |
| 73) Di-n-butylphthalate        | 11.82 | 149  | 1917159  | 53.34  | ng    | 99       |
| 74) Fluoranthene               | 12.46 | 202  | 1760249  | 52.81  | ng    | 98       |
| 76) Benzidine                  | 12.59 | 184  | 160734   | 8.98   | ng    | 95       |
| 77) Pyrene                     | 12.69 | 202  | 1690187  | 45.36  | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.32 | 149  | 861659   | 50.85  | ng    | 94       |
| 80) Benzo(a)anthracene         | 13.88 | 228  | 1347359  | 47.00  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.85 | 252  | 227138   | 20.90  | ng    | 98       |
| 82) Chrysene                   | 13.92 | 228  | 1243518  | 43.25  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.88 | 149  | 1026793  | 51.45  | ng    | # 100    |
| 84) Di-n-octyl phthalate       | 14.49 | 149  | 1798460  | 48.65  | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 1157692  | 46.47  | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.92 | 252  | 2292359  | 91.19  | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 14.92 | 252  | 2292359  | 106.94 | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.23 | 252  | 1088864  | 48.80  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.64 | 278  | 956164   | 52.14  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.03 | 276  | 1004237  | 52.66  | ng    | 98       |

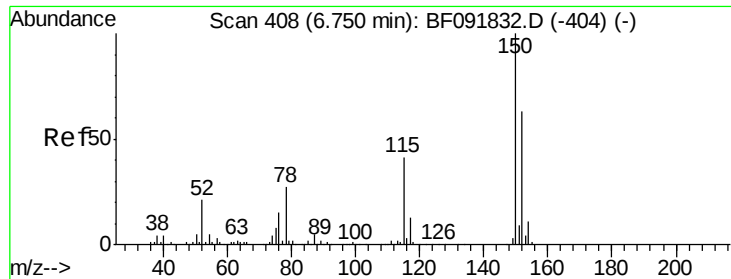
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 23 Dec 2016   16:50  
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Sample    : H5156-25MSD  
Misc      :  
ALS Vial  : 12      Sample Multiplier: 1
```

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 16:17:51 2016  
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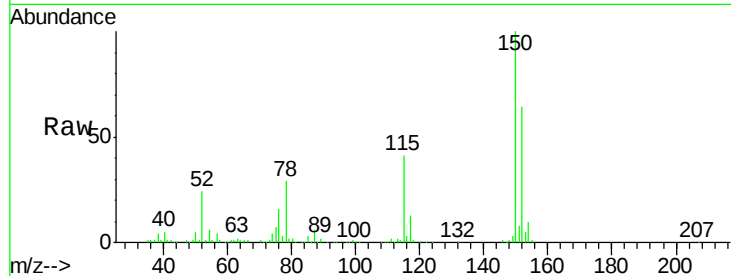


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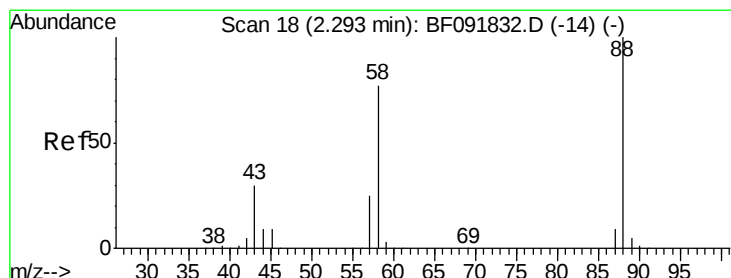
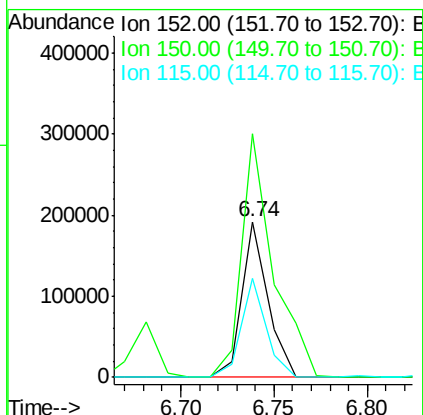
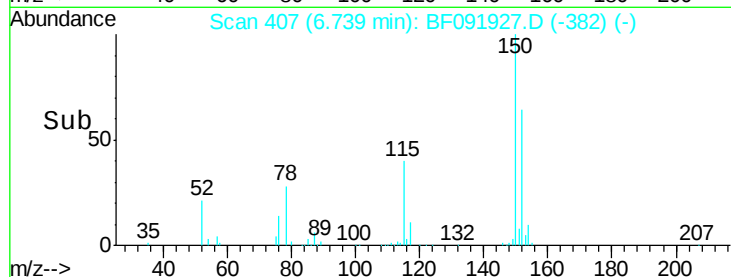
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.74 min Scan# 407  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:152 Resp: 186501  
Ion Ratio Lower Upper  
152 100  
150 156.5 124.9 187.3  
115 63.5 46.0 69.0



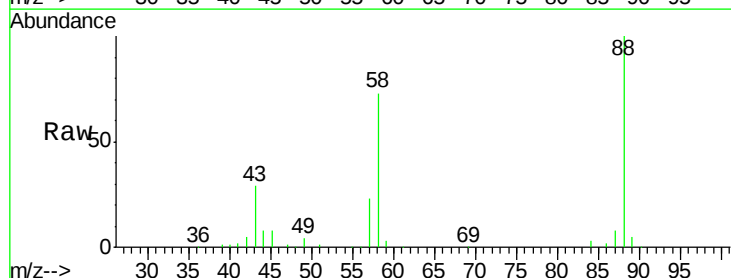
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



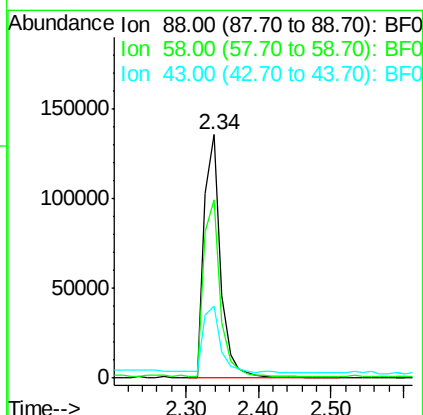
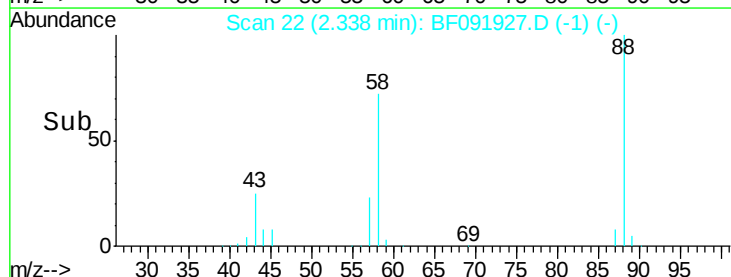
#2

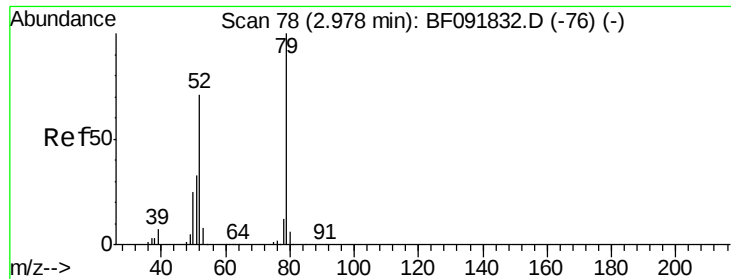
1,4-Dioxane  
Concen: 39.20 ng  
RT: 2.34 min Scan# 22  
Delta R.T. 0.05 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion: 88 Resp: 215566  
Ion Ratio Lower Upper  
88 100  
58 71.7 57.8 86.8  
43 27.3 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.08 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.03 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

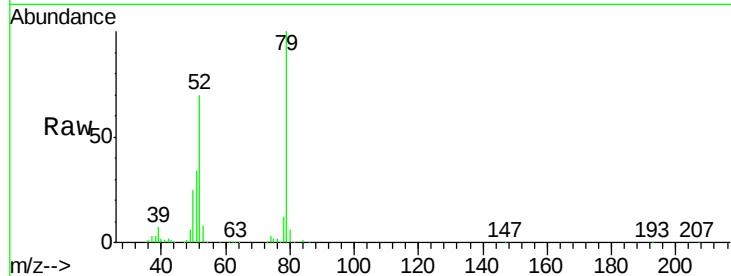
Tgt Ion: 79 Resp: 577308

Ion Ratio Lower Upper

79 100

52 69.7 57.1 85.7

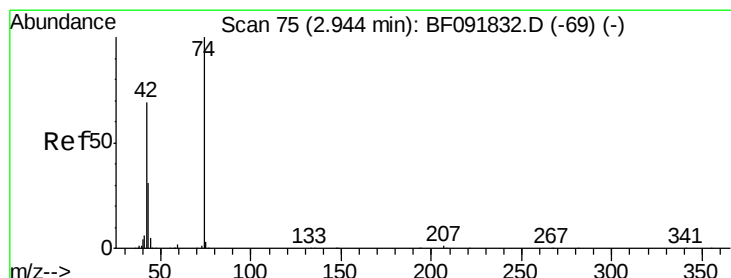
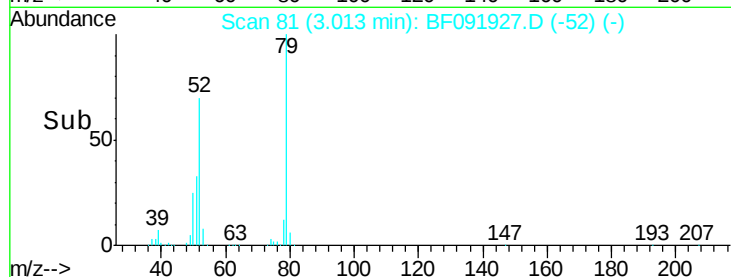
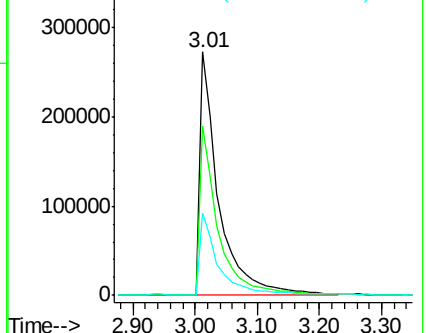
51 33.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 47.48 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.03 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

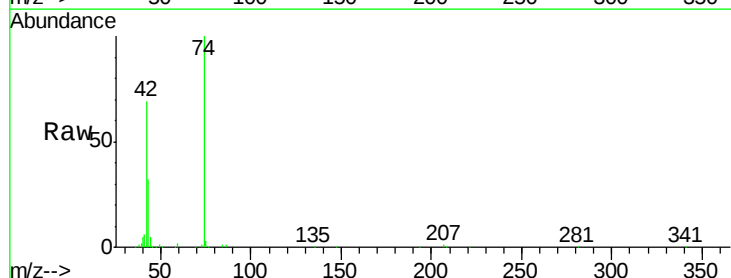
Tgt Ion: 42 Resp: 343729

Ion Ratio Lower Upper

42 100

74 144.3 117.0 175.4

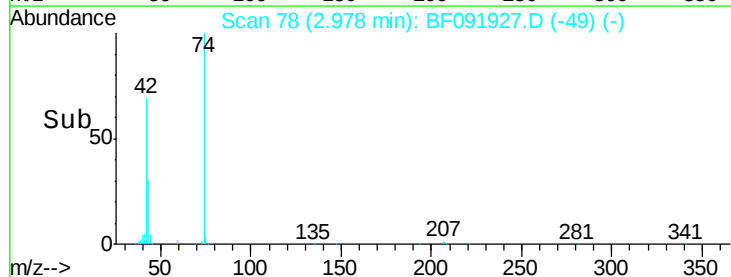
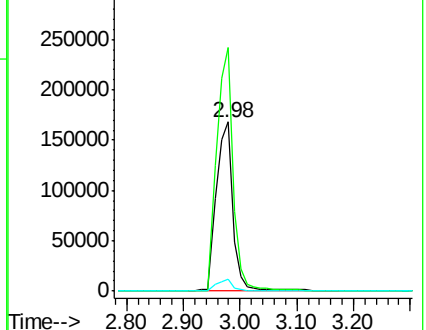
44 6.9 5.5 8.3

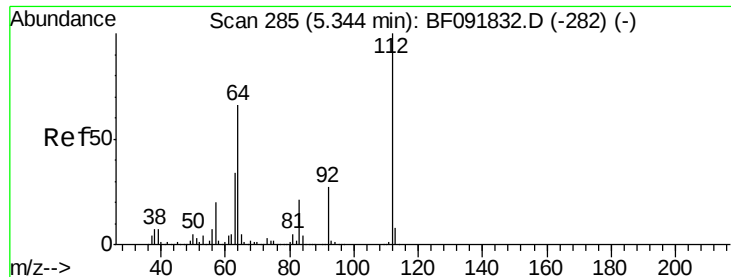


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 133.44 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

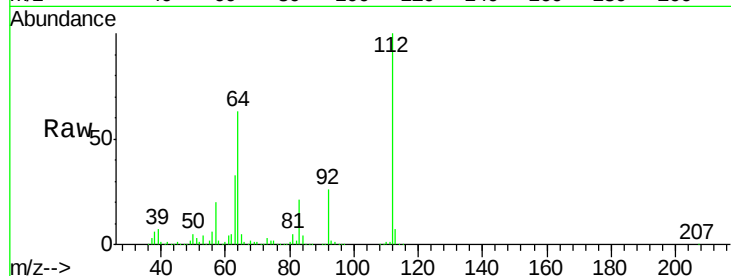
Tgt Ion:112 Resp: 1490446

Ion Ratio Lower Upper

112 100

64 62.7 46.1 69.1

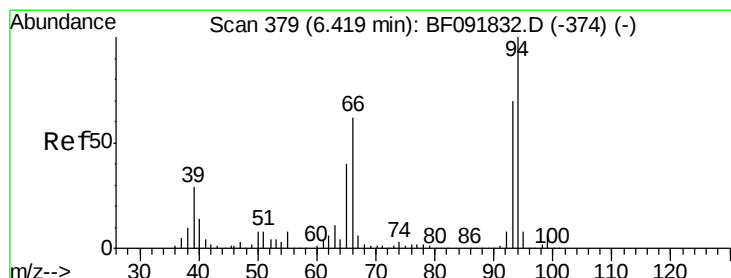
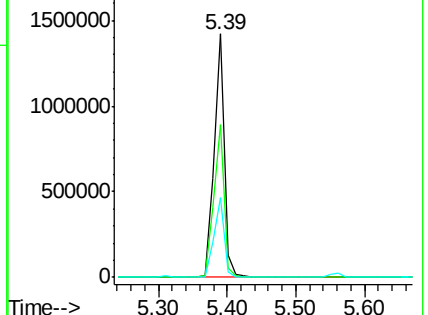
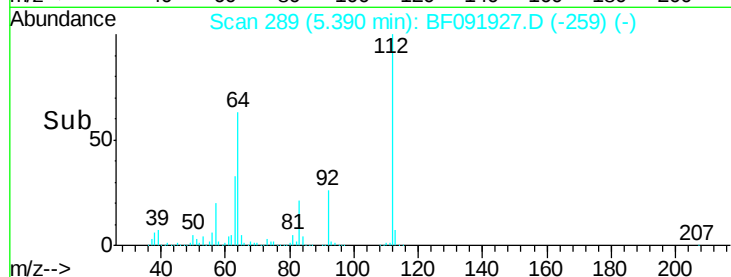
63 33.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.05 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

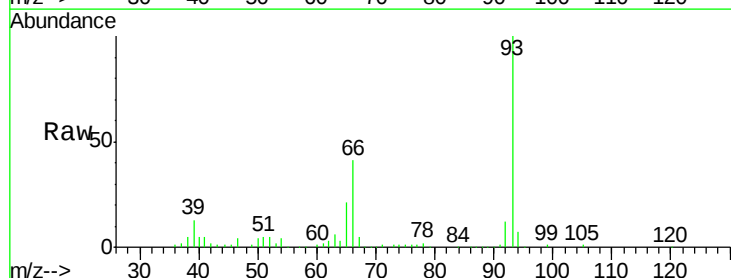
Tgt Ion: 93 Resp: 301919

Ion Ratio Lower Upper

93 100

66 41.1 76.2 114.2#

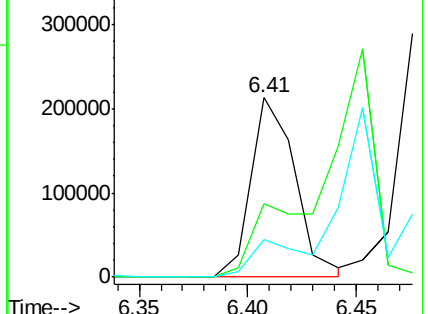
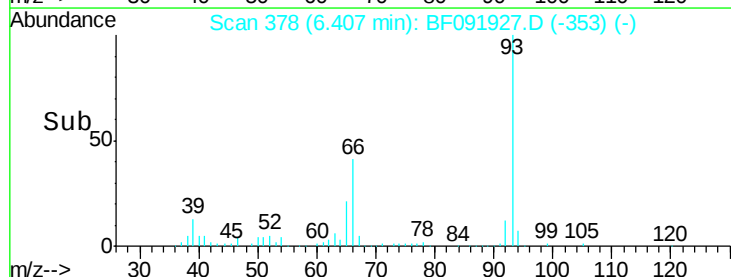
65 20.7 49.3 73.9#

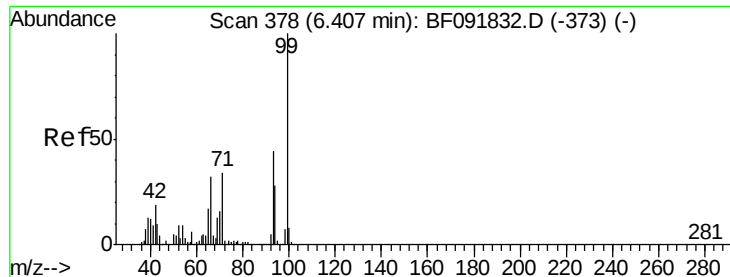


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.97 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

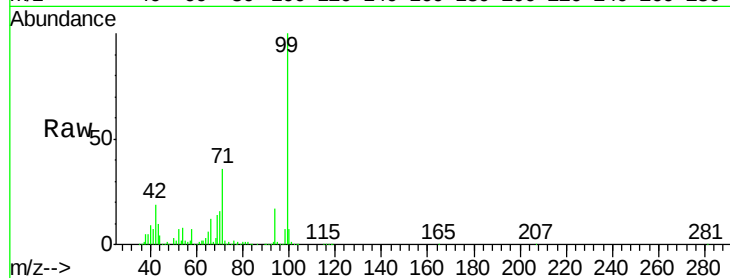
Tgt Ion: 99 Resp: 1786010

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

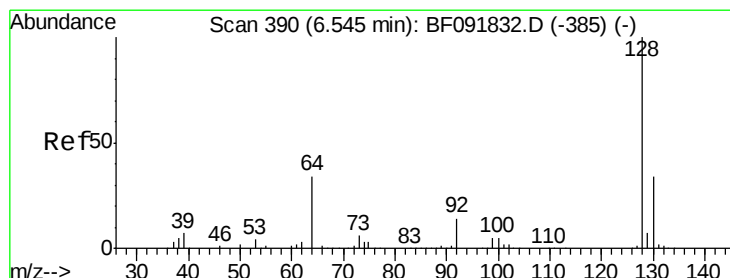
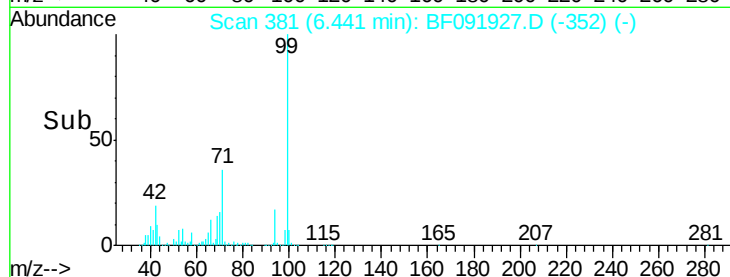
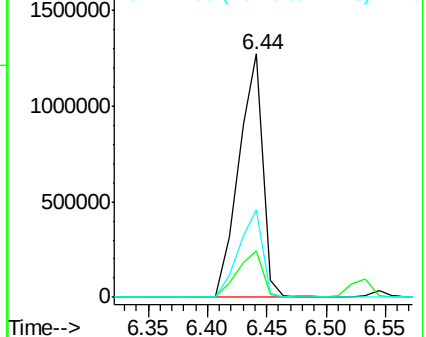
71 36.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.07 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

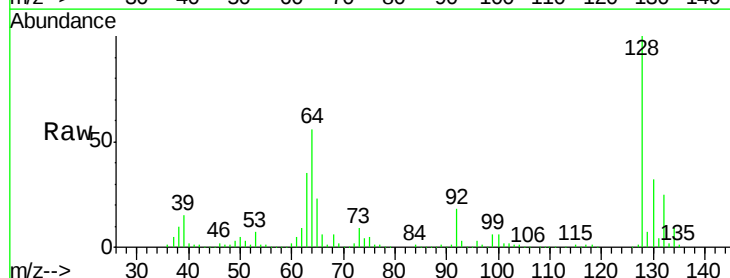
Tgt Ion: 128 Resp: 572642

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

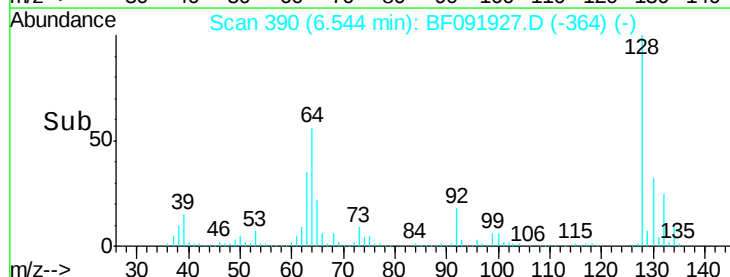
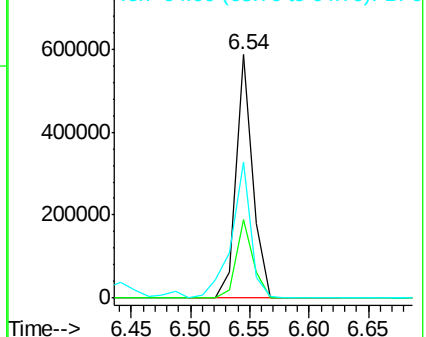
64 55.7 32.2 72.2

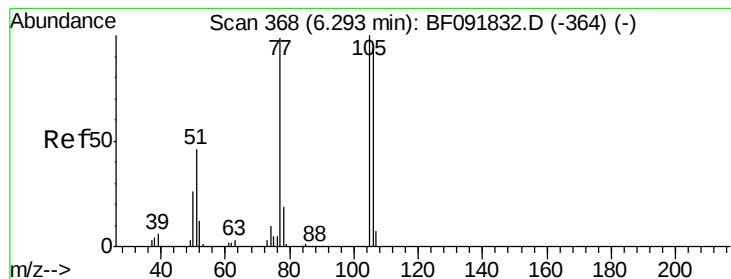


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.74 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

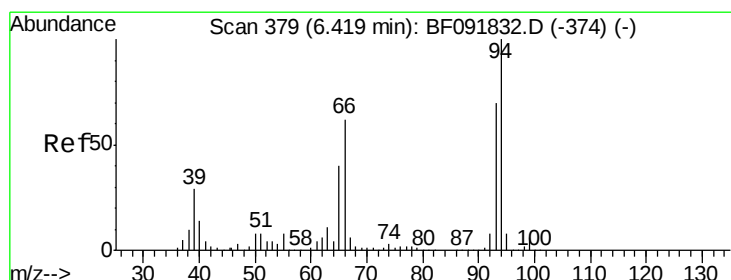
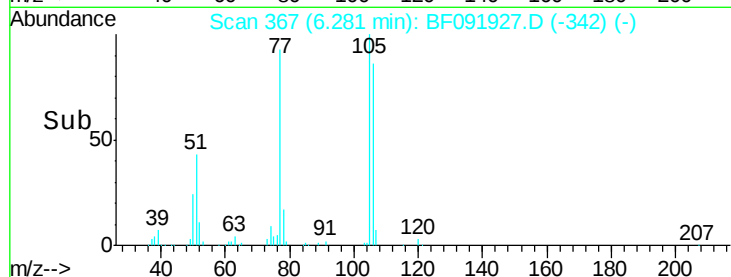
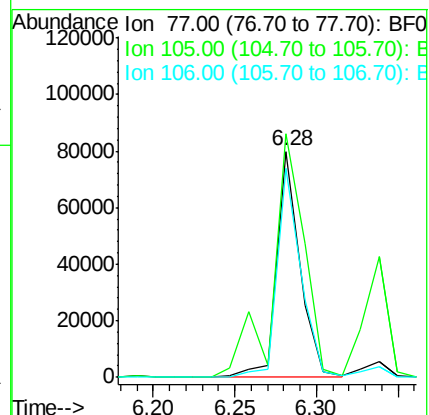
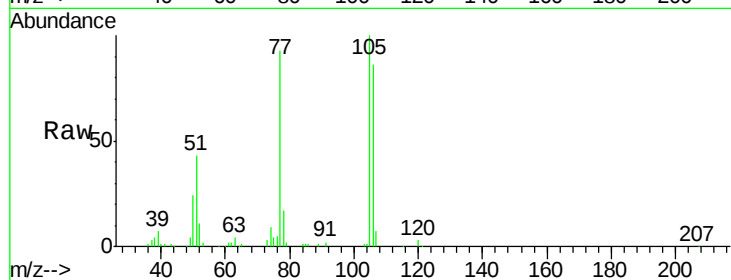
Tgt Ion: 77 Resp: 79184

Ion Ratio Lower Upper

77 100

105 107.8 83.9 123.9

106 92.6 77.6 117.6



#10

Phenol

Concen: 48.91 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

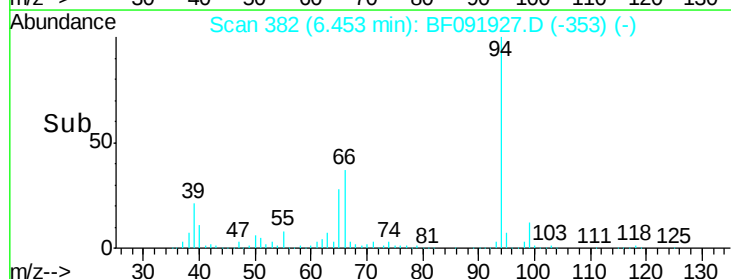
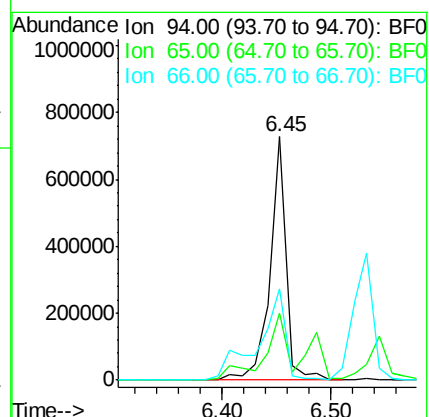
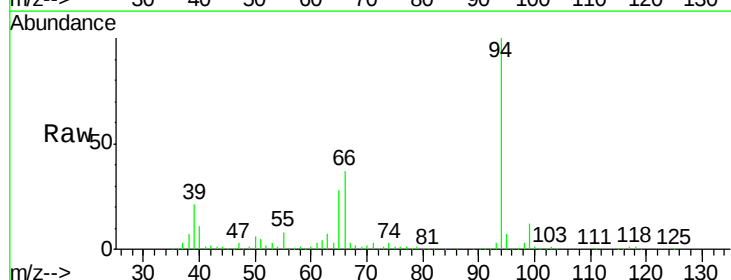
Tgt Ion: 94 Resp: 760096

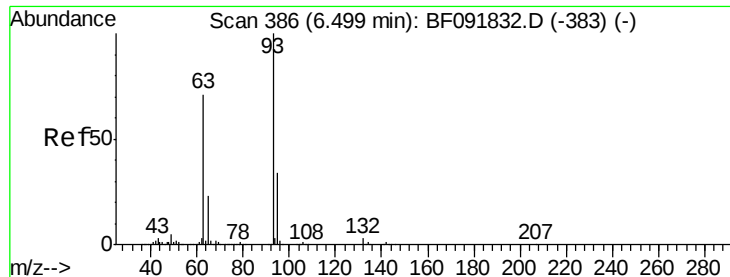
Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

66 37.3 44.0 84.0#

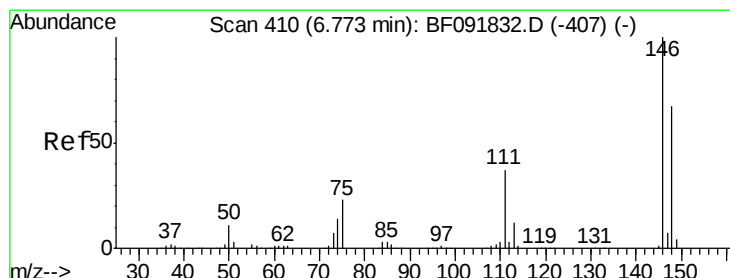
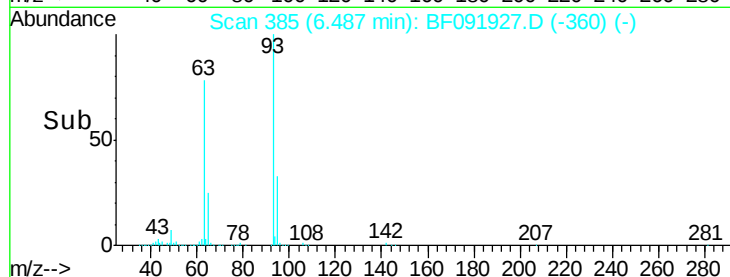
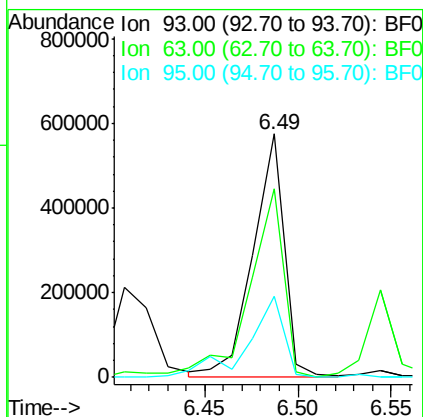
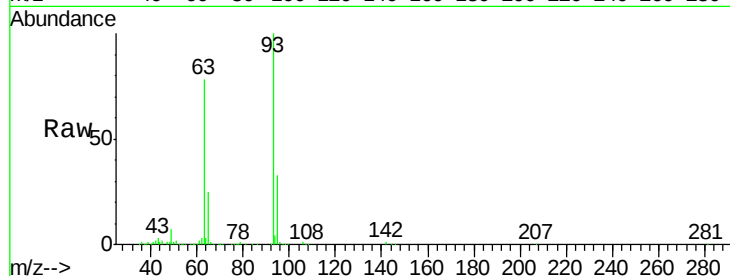




#11  
 bis(2-Chloroethyl)ether  
 Concen: 54.38 ng  
 RT: 6.49 min Scan# 385  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

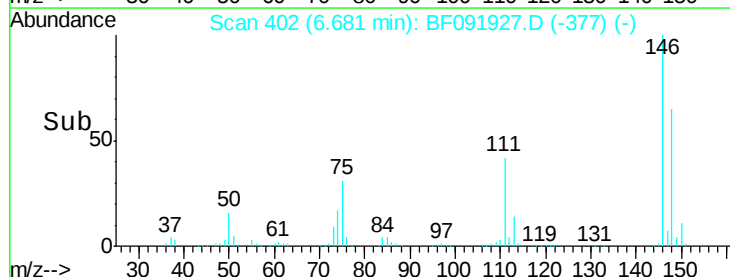
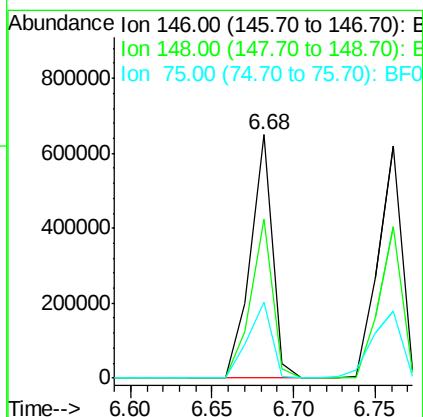
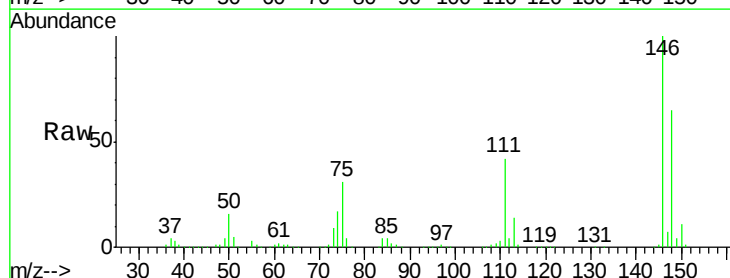
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

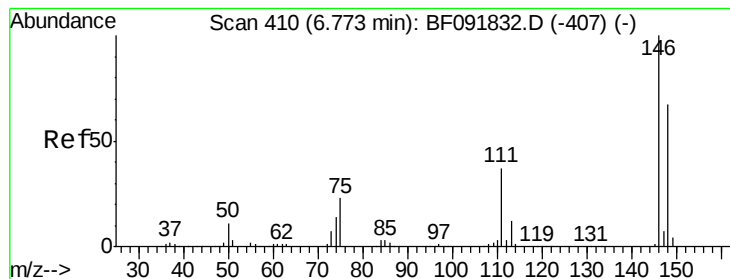
Tgt Ion: 93 Resp: 672311  
 Ion Ratio Lower Upper  
 93 100  
 63 77.6 60.4 100.4  
 95 33.3 12.8 52.8



#12  
 1,3-Dichlorobenzene  
 Concen: 44.99 ng  
 RT: 6.68 min Scan# 402  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion: 146 Resp: 610197  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 53.4 80.0  
 75 31.0 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 45.23 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

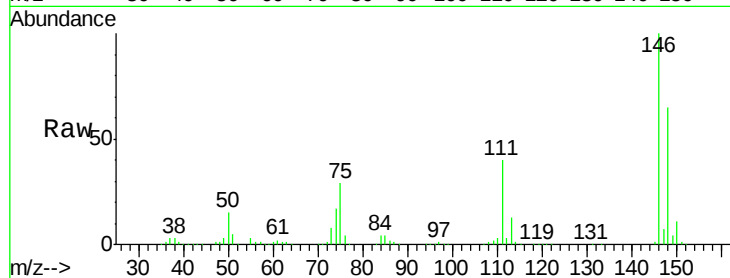
Tgt Ion:146 Resp: 624421

Ion Ratio Lower Upper

146 100

148 65.2 50.6 76.0

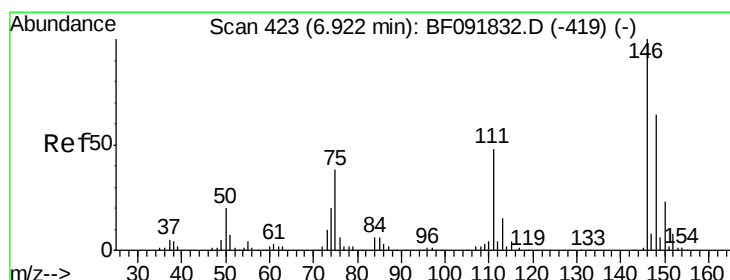
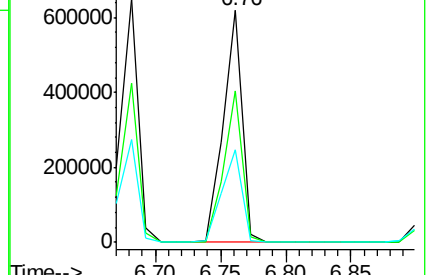
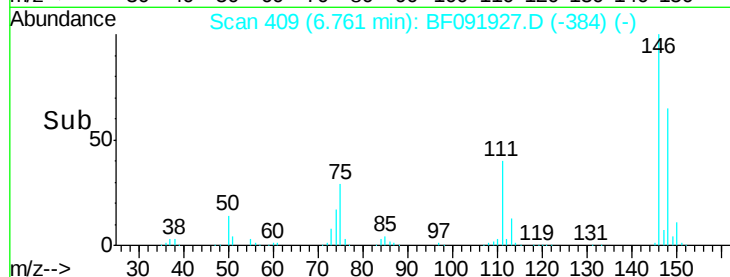
111 39.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.68 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

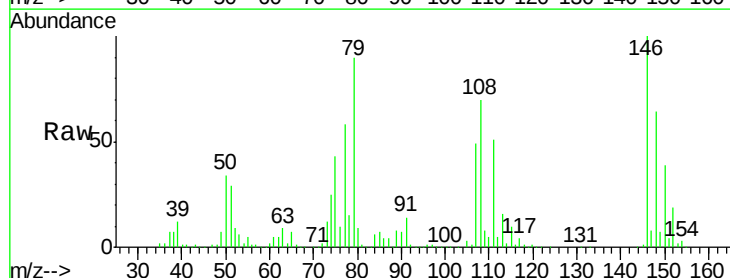
Tgt Ion:146 Resp: 499271

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

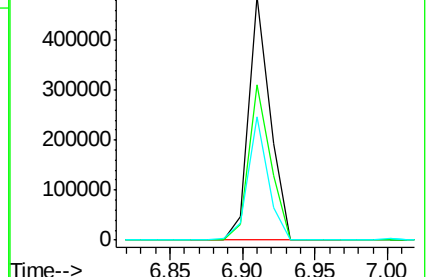
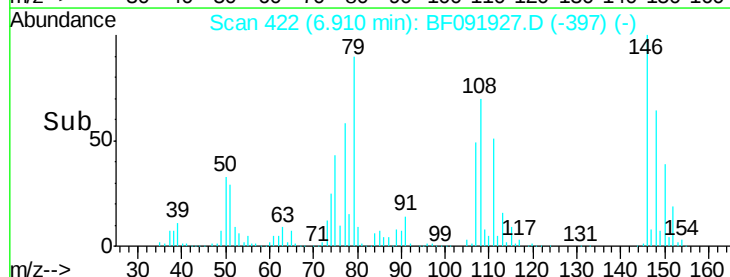
111 50.8 36.2 54.2

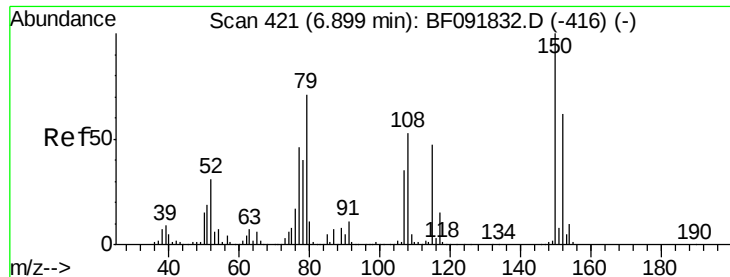


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.93 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

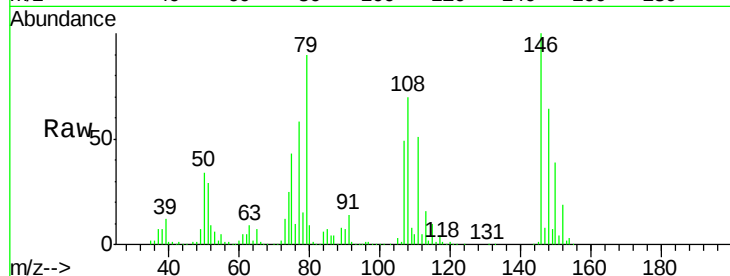
Tgt Ion: 79 Resp: 571397

Ion Ratio Lower Upper

79 100

108 77.1 61.4 92.0

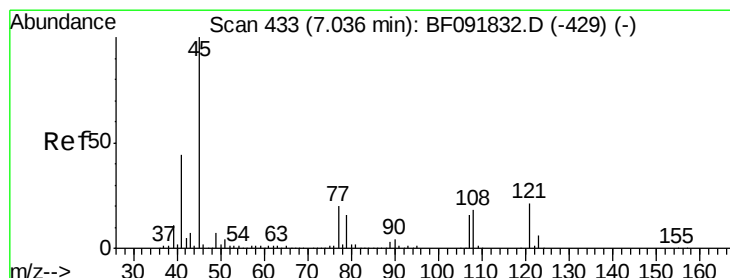
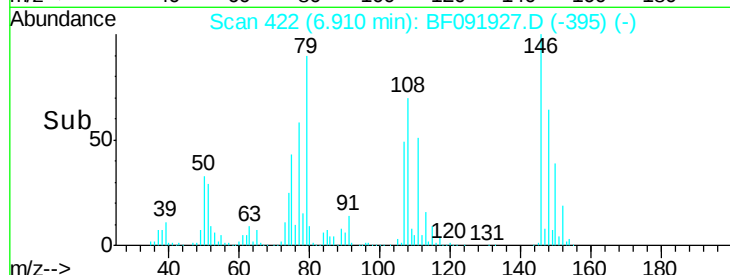
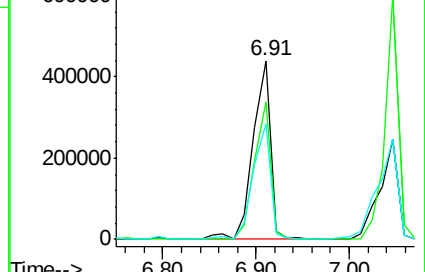
77 64.5 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.68 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

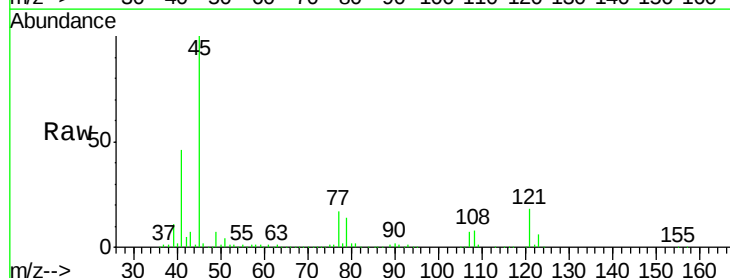
Tgt Ion: 45 Resp: 877856

Ion Ratio Lower Upper

45 100

77 17.1 0.0 34.6

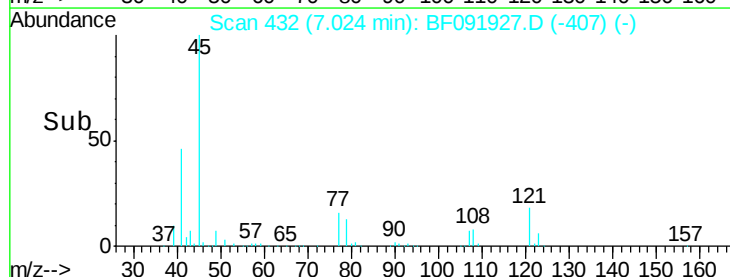
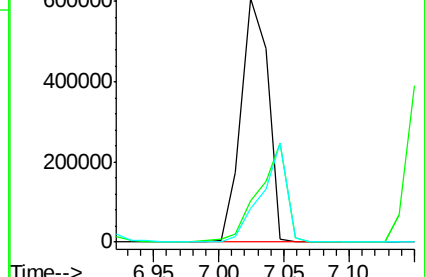
79 13.9 0.0 31.2

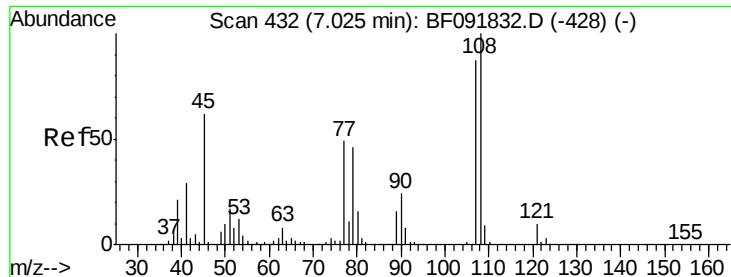


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

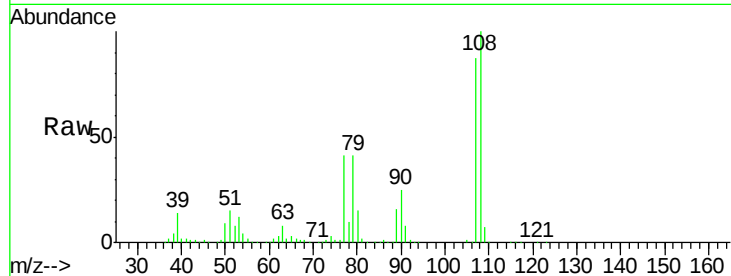




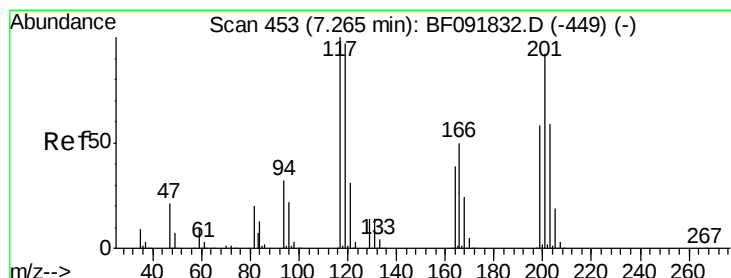
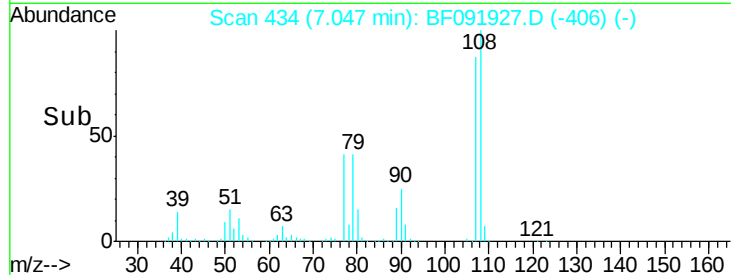
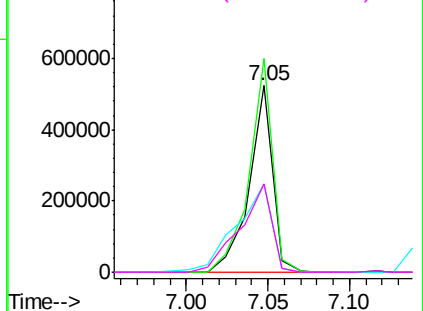
#17  
2-Methylphenol  
Concen: 50.70 ng  
RT: 7.05 min Scan# 434  
Delta R.T. 0.02 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 518064 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.7 | 93.0  | 139.6  |
| 77       | 47.3  | 39.8  | 59.8   |
| 79       | 47.4  | 38.0  | 57.0   |

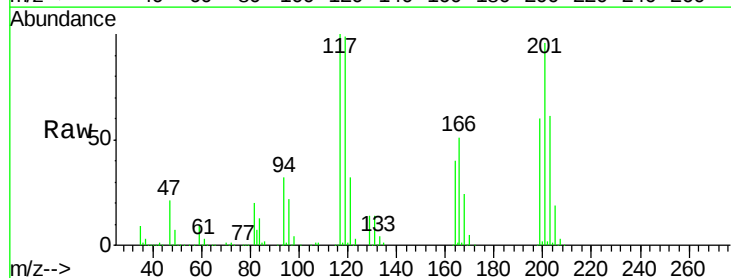


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

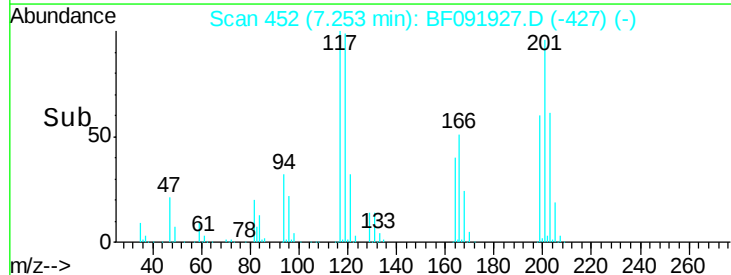
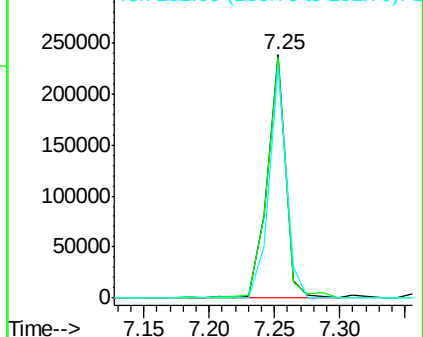


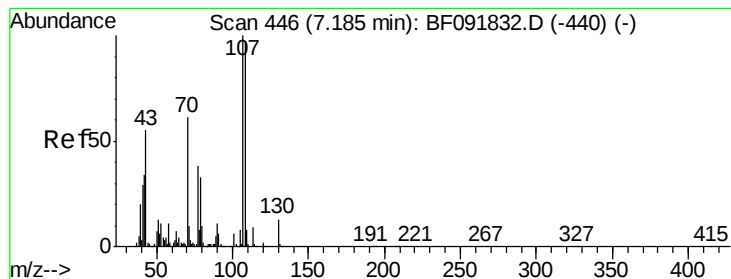
#18  
Hexachloroethane  
Concen: 46.20 ng  
RT: 7.25 min Scan# 452  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 236455 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.0  | 78.1  | 117.1  |
| 201      | 95.5  | 78.6  | 117.8  |



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





#19

n-Nitroso-di-n-propylamine

Concen: 57.00 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

Tgt Ion: 70 Resp: 517092

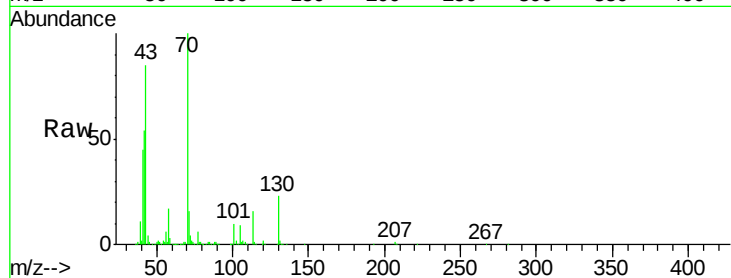
Ion Ratio Lower Upper

70 100

42 53.7 49.4 74.0

101 9.8 7.4 11.2

130 22.8 14.2 21.4#



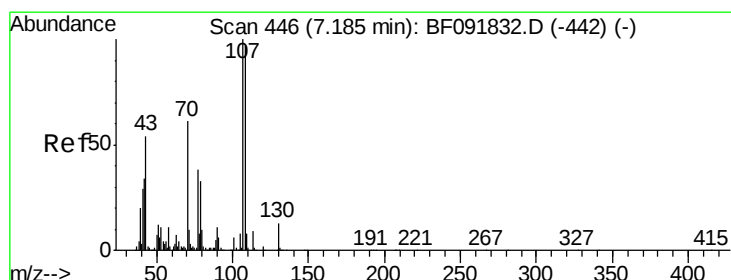
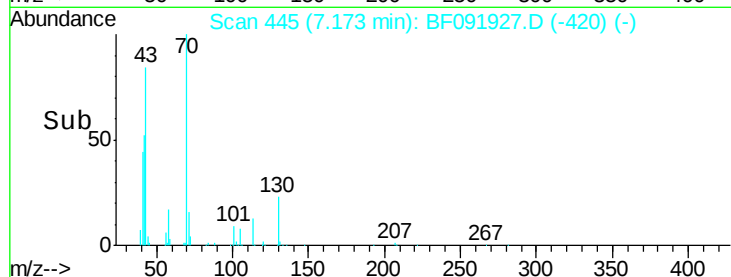
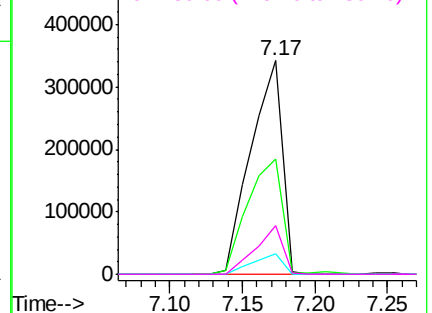
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 58.97 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Tgt Ion: 107 Resp: 718683

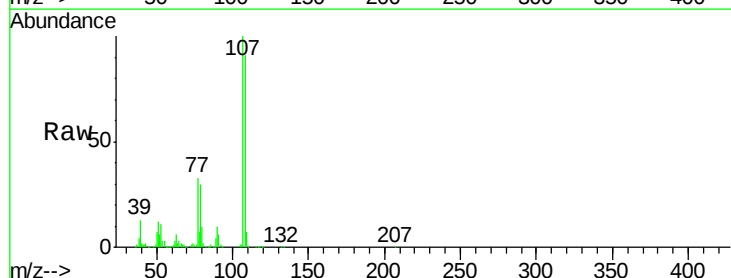
Ion Ratio Lower Upper

107 100

108 90.6 73.0 113.0

77 32.8 71.3 111.3#

79 29.9 11.1 51.1



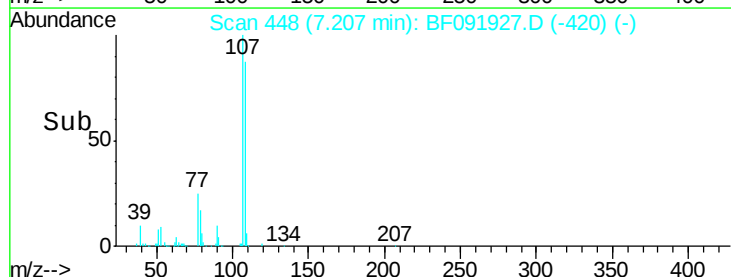
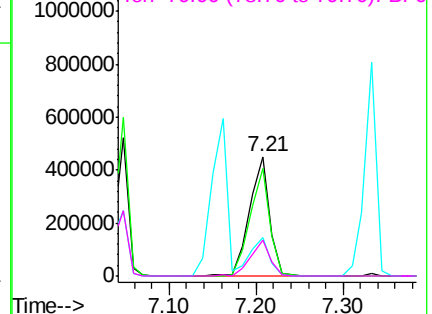
Abundance

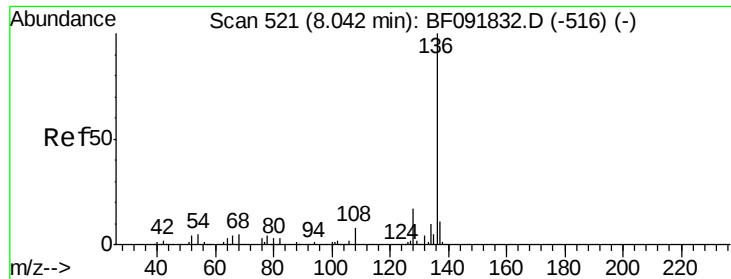
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

Tgt Ion:136 Resp: 749140

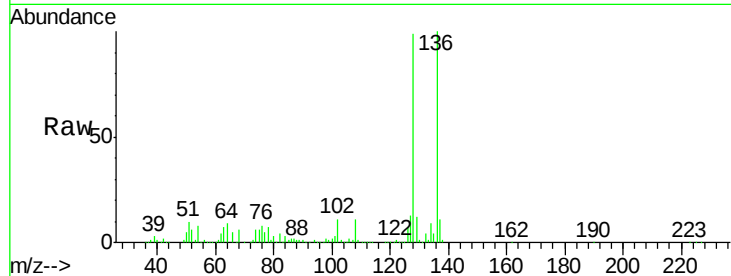
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.1 4.5 6.7#

68 6.0 3.6 5.4#

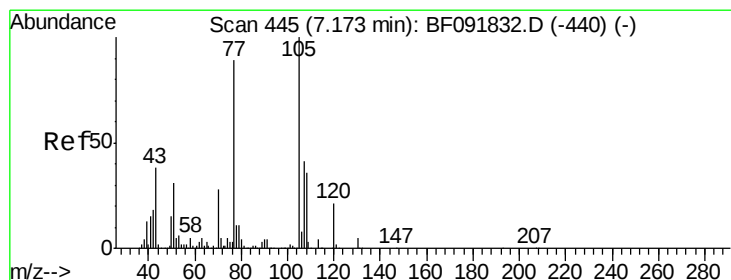
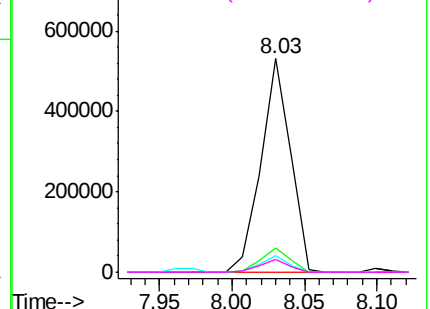
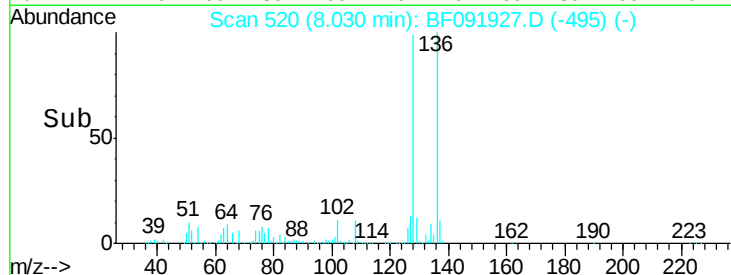


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.91 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Tgt Ion:105 Resp: 977608

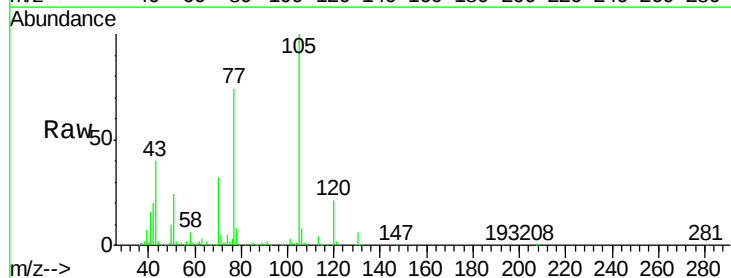
Ion Ratio Lower Upper

105 100

71 5.4 3.2 4.8#

51 24.4 26.2 39.4#

120 21.0 16.6 24.8

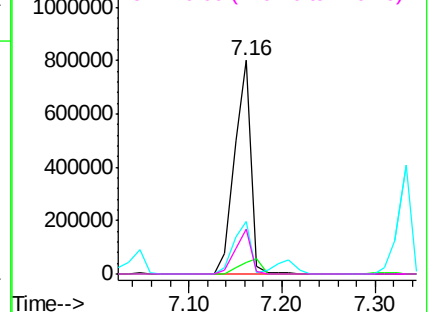
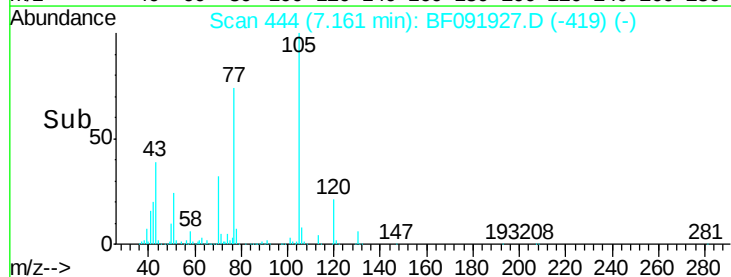


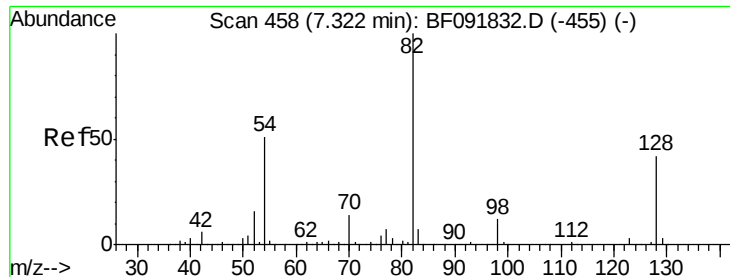
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

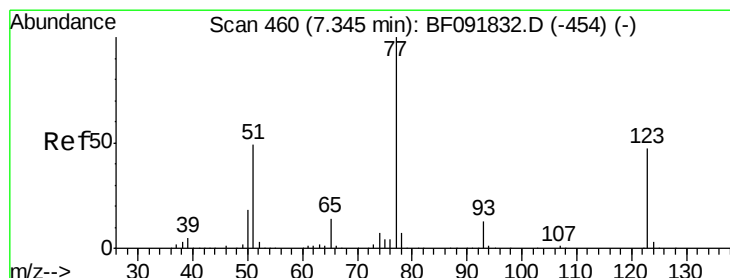
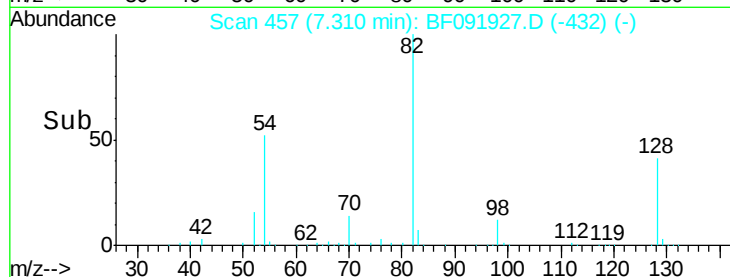
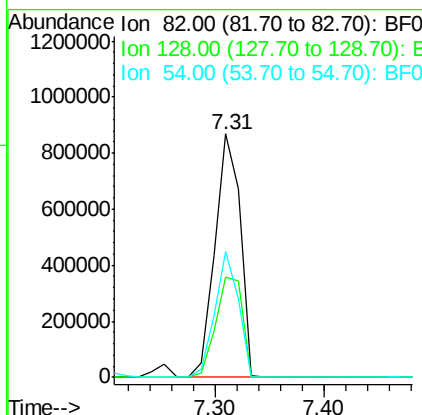
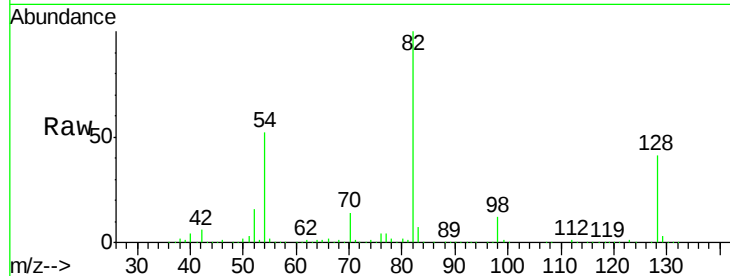




#23  
 Nitrobenzene-d5  
 Concen: 103.69 ng  
 RT: 7.31 min Scan# 457  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

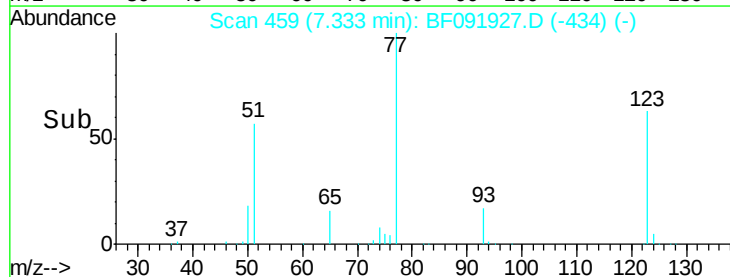
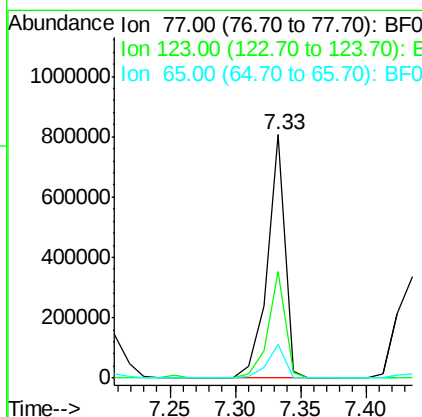
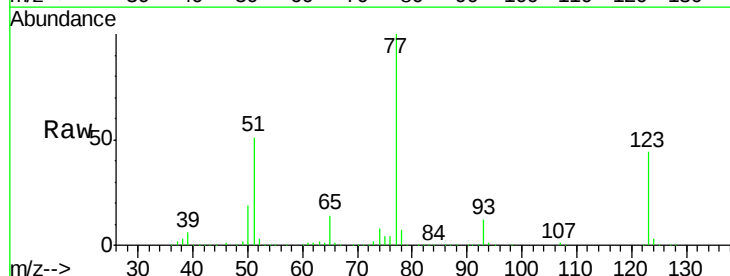
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

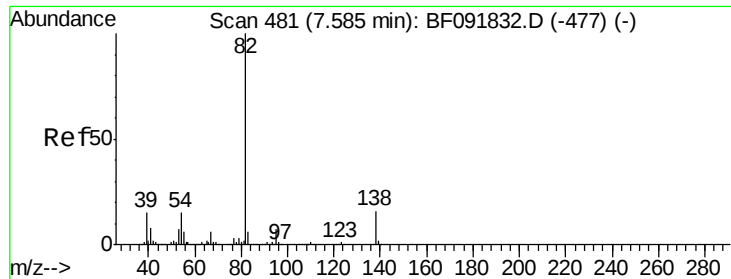
Tgt Ion: 82 Resp: 1397009  
 Ion Ratio Lower Upper  
 82 100  
 128 41.1 34.6 52.0  
 54 51.9 39.5 59.3



#24  
 Nitrobenzene  
 Concen: 52.64 ng  
 RT: 7.33 min Scan# 459  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion: 77 Resp: 755377  
 Ion Ratio Lower Upper  
 77 100  
 123 43.6 33.0 49.4  
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 50.29 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

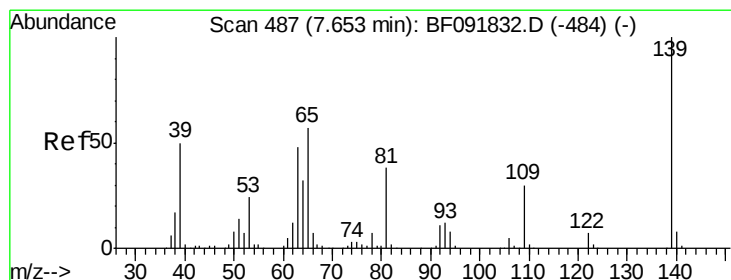
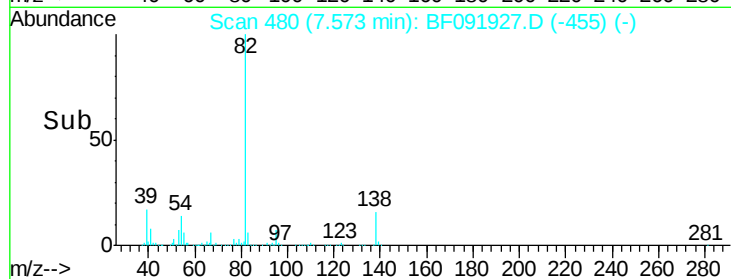
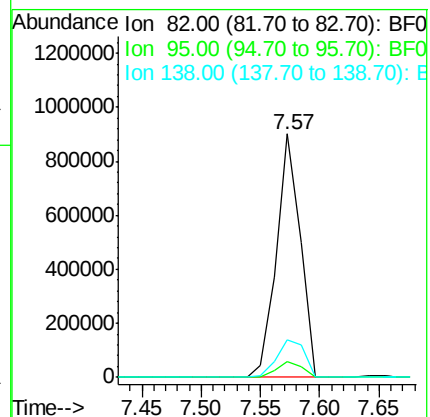
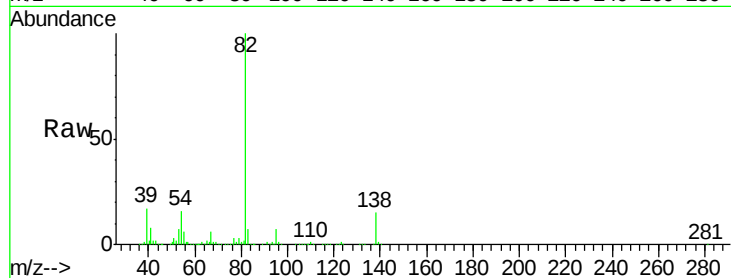
Tgt Ion: 82 Resp: 1250017

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 15.2 14.6 22.0



#26

2-Nitrophenol

Concen: 51.86 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

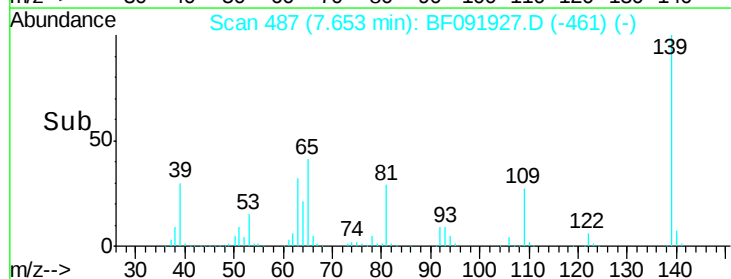
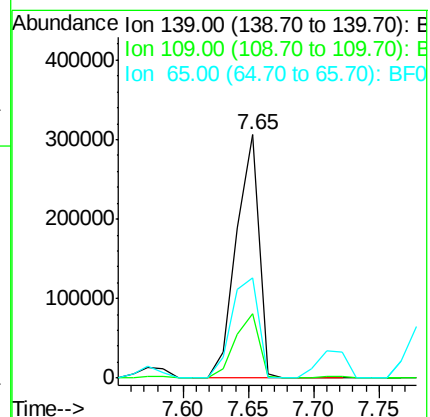
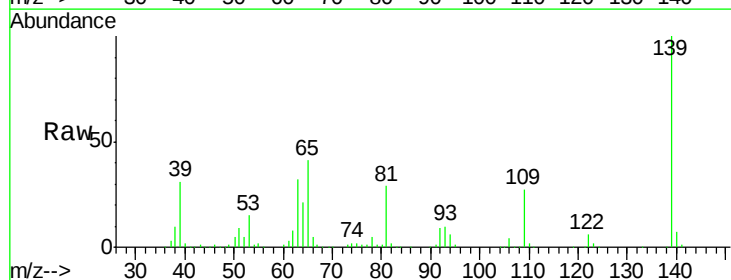
Tgt Ion: 139 Resp: 366994

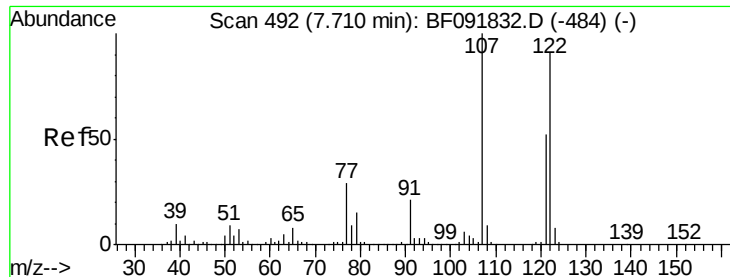
Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

65 41.1 42.7 64.1#

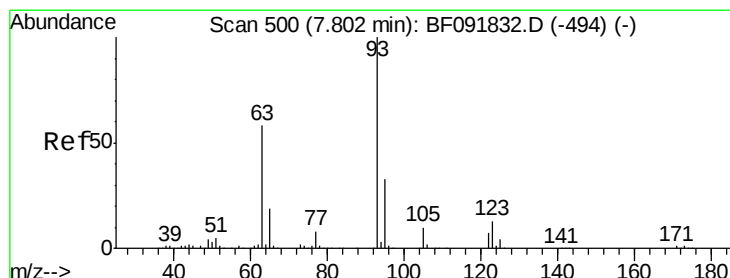
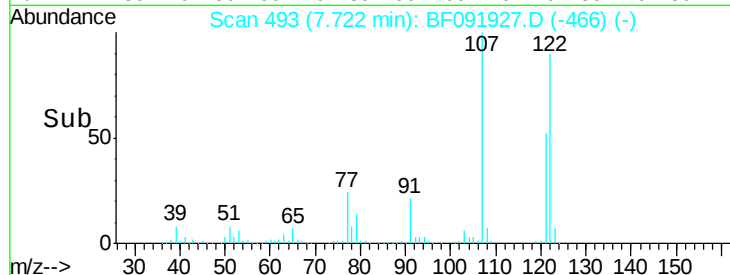
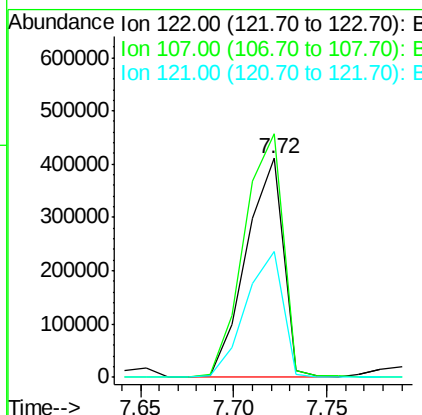
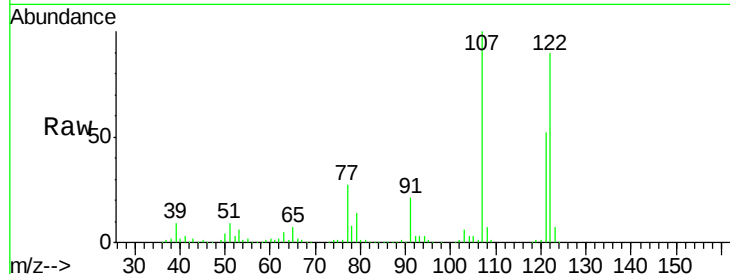




#27  
2,4-Dimethylphenol  
Concen: 48.48 ng  
RT: 7.72 min Scan# 493  
Delta R.T. 0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

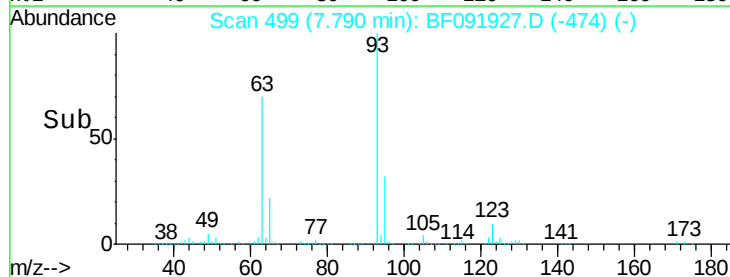
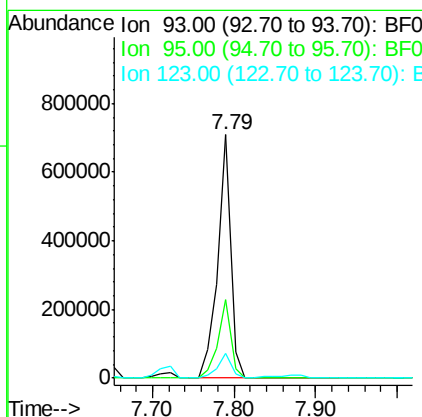
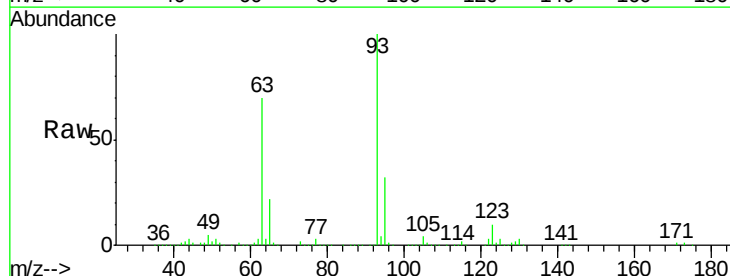
Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

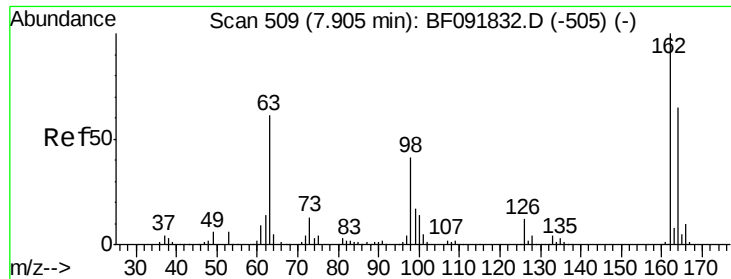
Tgt Ion:122 Resp: 568968  
Ion Ratio Lower Upper  
122 100  
107 111.3 94.1 141.1  
121 57.6 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.42 ng  
RT: 7.79 min Scan# 499  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion: 93 Resp: 790138  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.5 39.7  
123 10.2 8.6 13.0

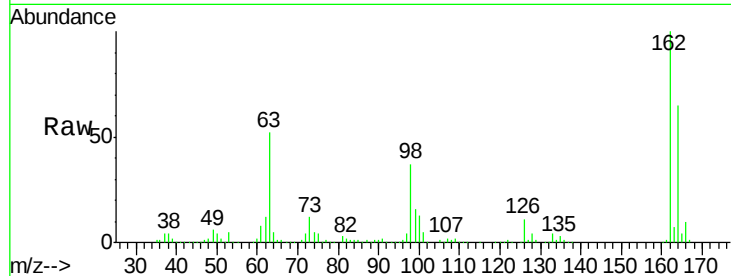




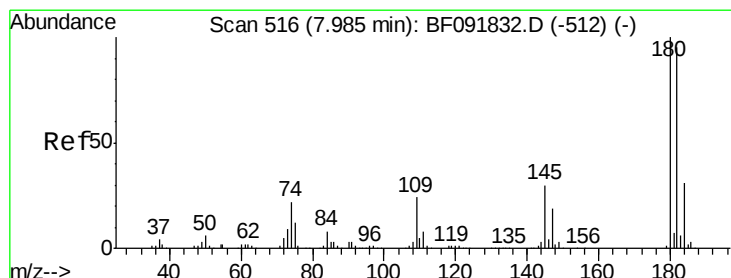
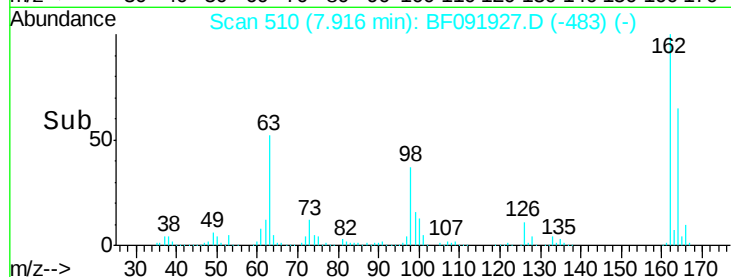
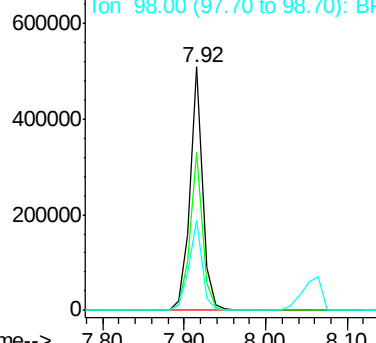
#29  
2,4-Dichlorophenol  
Concen: 54.96 ng  
RT: 7.92 min Scan# 510  
Delta R.T. 0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:162 Resp: 546195  
Ion Ratio Lower Upper  
162 100  
164 65.0 46.8 86.8  
98 37.2 9.1 49.1

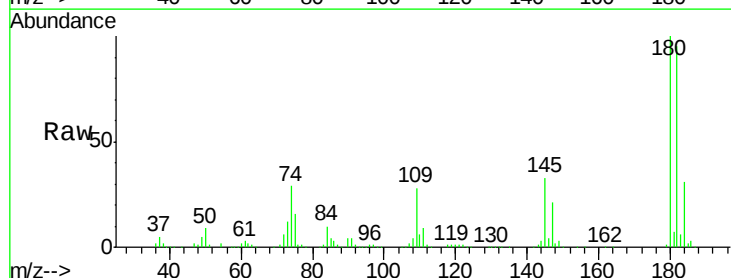


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

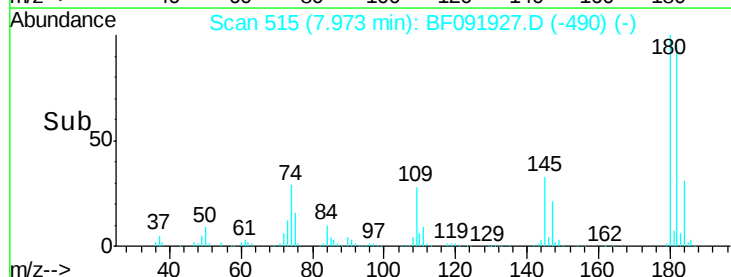
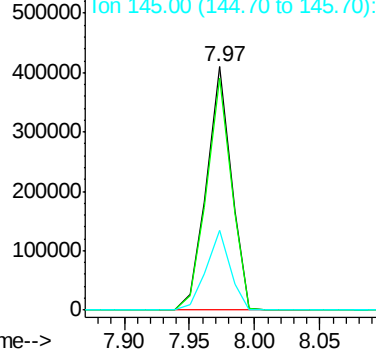


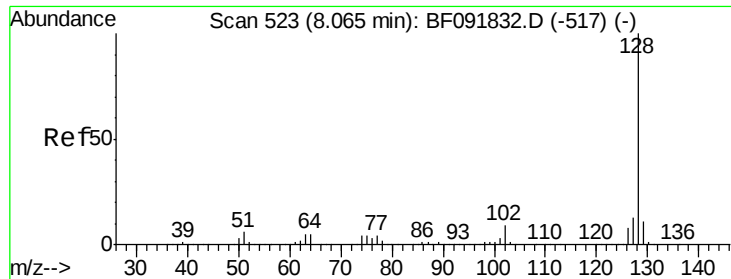
#30  
1,2,4-Trichlorobenzene  
Concen: 49.74 ng  
RT: 7.97 min Scan# 515  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:180 Resp: 541719  
Ion Ratio Lower Upper  
180 100  
182 95.3 78.2 117.4  
145 32.8 21.6 32.4#



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

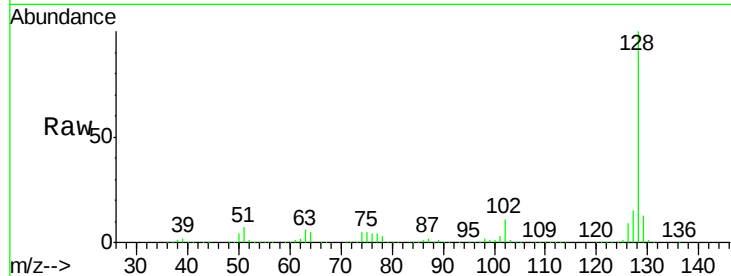




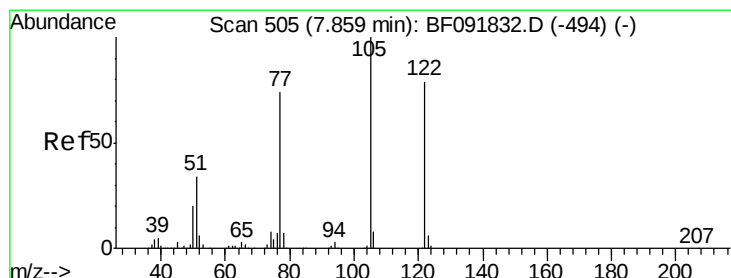
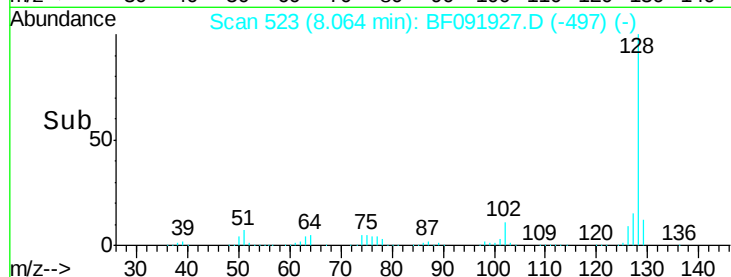
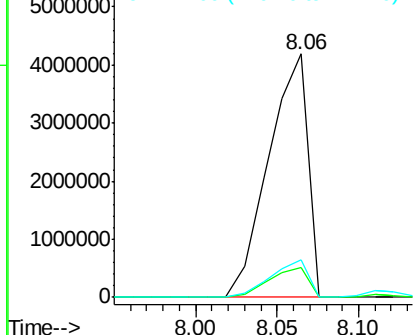
#31  
Naphthalene  
Concen: 204.54 ng  
RT: 8.06 min Scan# 523  
Delta R.T. -0.00 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:128 Resp: 7012922  
Ion Ratio Lower Upper  
128 100  
129 12.5 9.5 14.3  
127 15.3 10.8 16.2

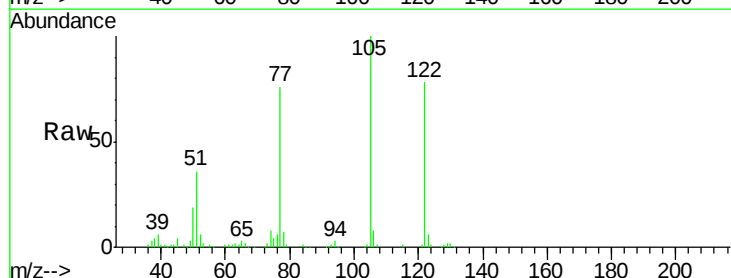


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

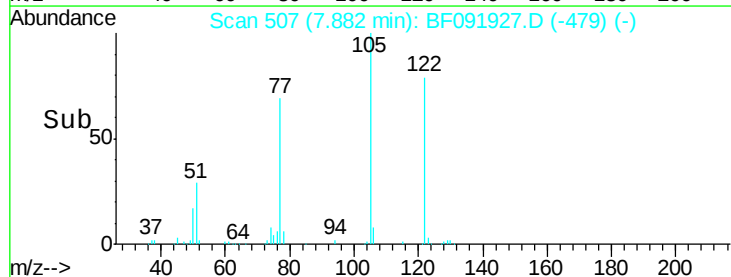
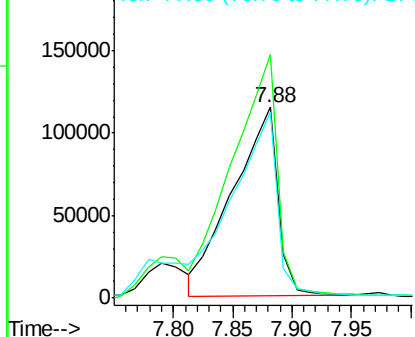


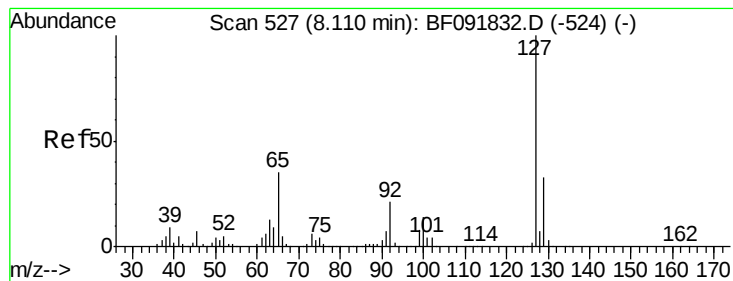
#32  
Benzoic acid  
Concen: 34.66 ng  
RT: 7.88 min Scan# 507  
Delta R.T. 0.02 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:122 Resp: 301683  
Ion Ratio Lower Upper  
122 100  
105 127.7 107.2 147.2  
77 97.5 74.5 114.5



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





#33

4-Chloroaniline

Concen: 13.75 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

Tgt Ion:127 Resp: 212625

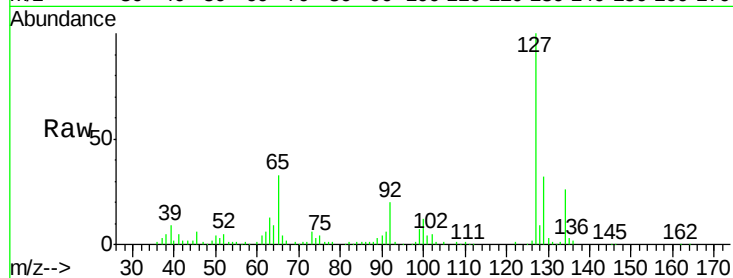
Ion Ratio Lower Upper

127 100

129 32.2 26.3 39.5

65 33.3 25.8 38.8

92 20.0 16.1 24.1

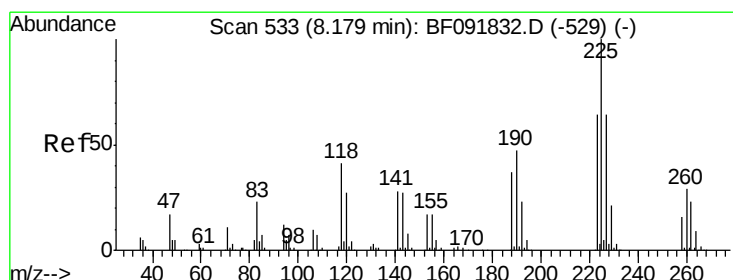
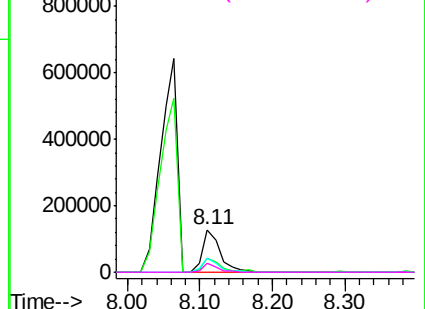
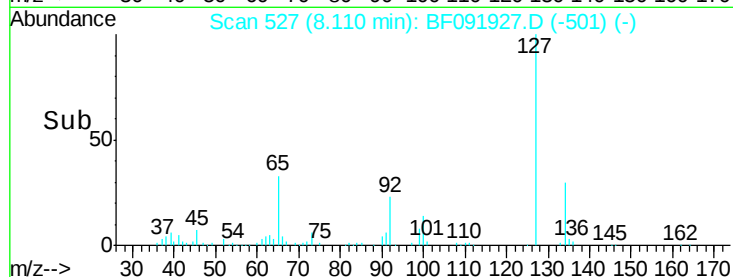


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 48.70 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

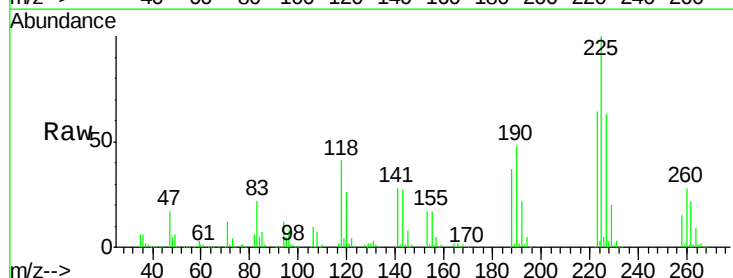
Tgt Ion:225 Resp: 279941

Ion Ratio Lower Upper

225 100

223 64.4 51.0 76.6

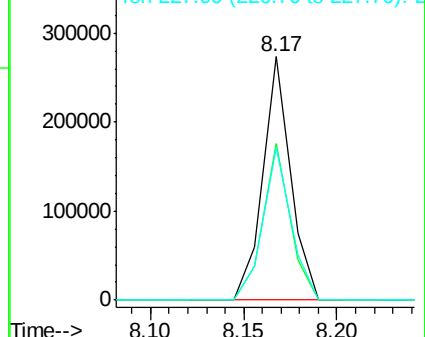
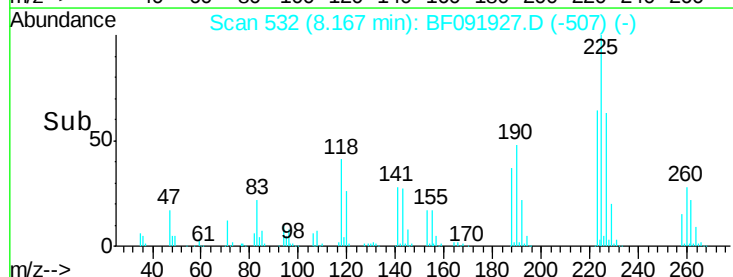
227 62.9 50.6 76.0

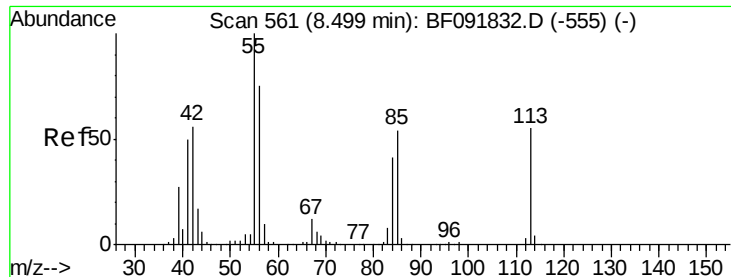


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

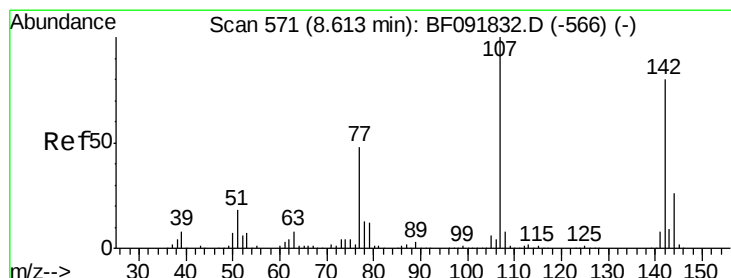
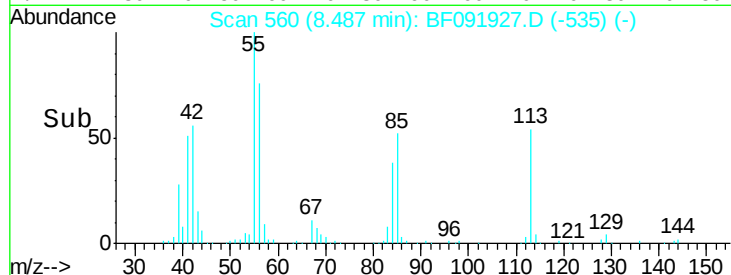
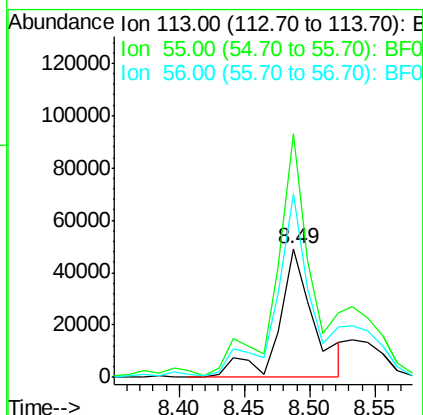
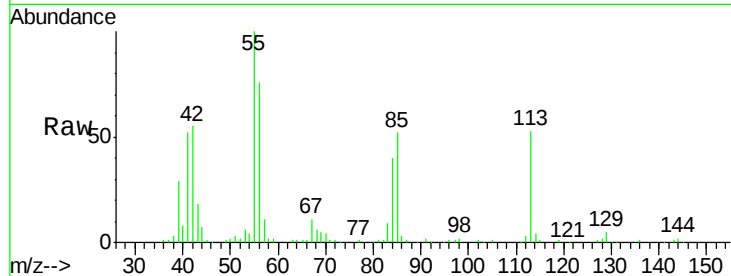




#35  
 Caprolactam  
 Concen: 28.37 ng  
 RT: 8.49 min Scan# 560  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

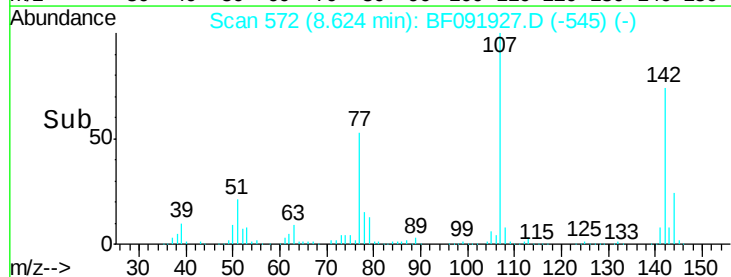
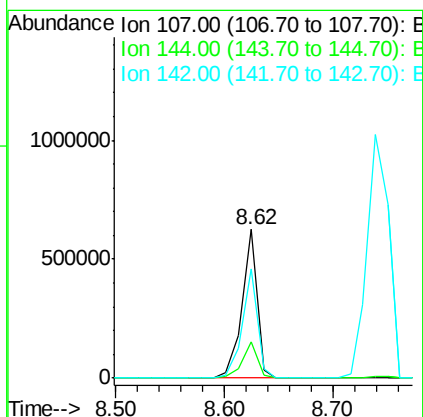
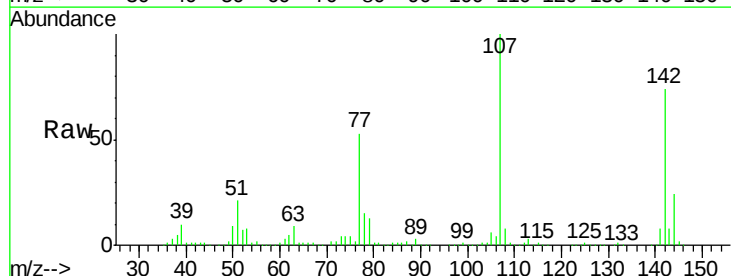
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

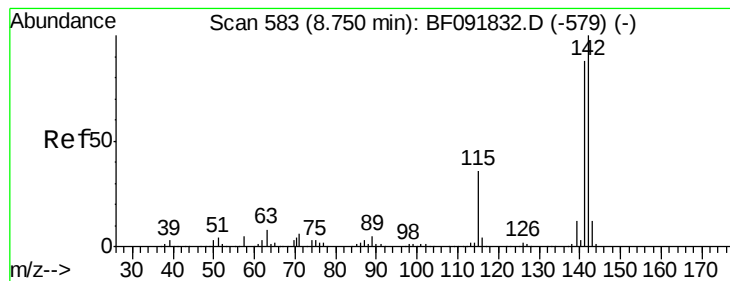
Tgt Ion:113 Resp: 92642  
 Ion Ratio Lower Upper  
 113 100  
 55 189.3 119.2 159.2#  
 56 143.1 83.8 123.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.90 ng  
 RT: 8.62 min Scan# 572  
 Delta R.T. 0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:107 Resp: 593508  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 19.3 28.9  
 142 74.0 59.0 88.6





#37

2-Methylnaphthalene

Concen: Below Cal

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

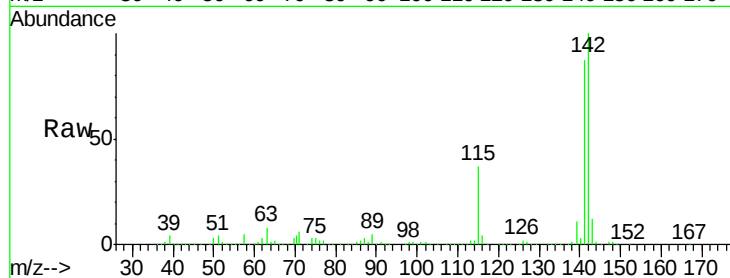
Tgt Ion:142 Resp: 1427635

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6

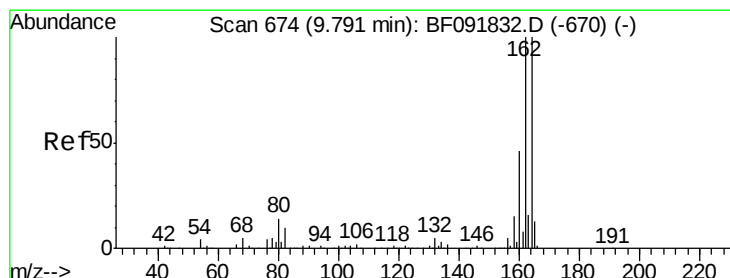
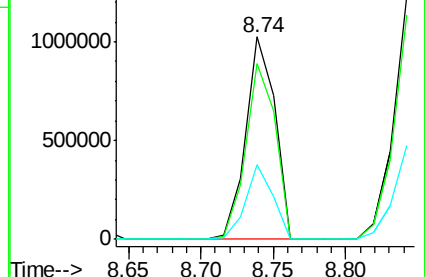
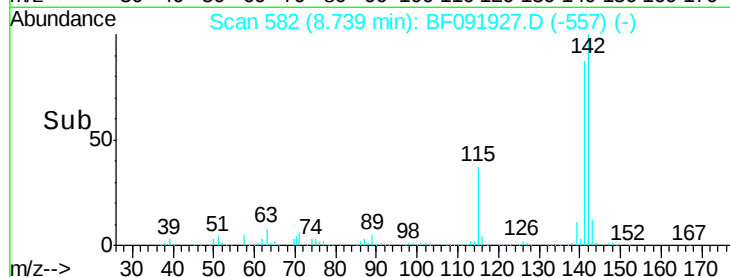
115 36.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

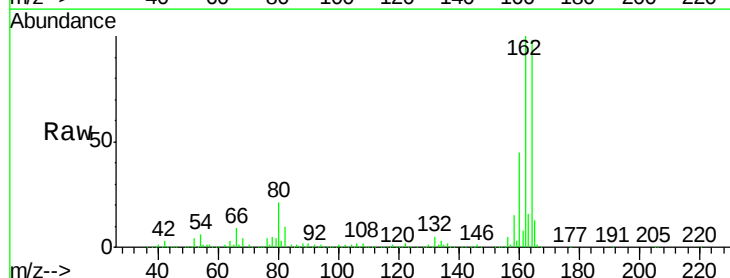
Tgt Ion:164 Resp: 425300

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

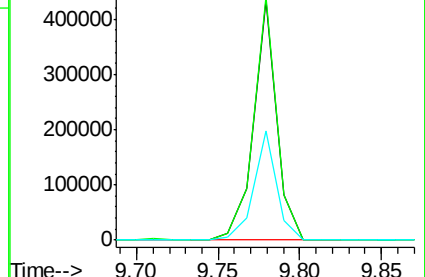
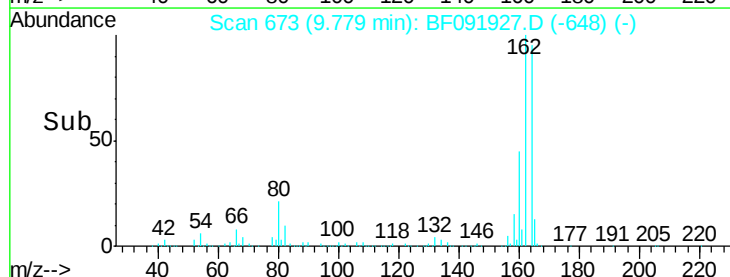
160 45.4 36.9 55.3

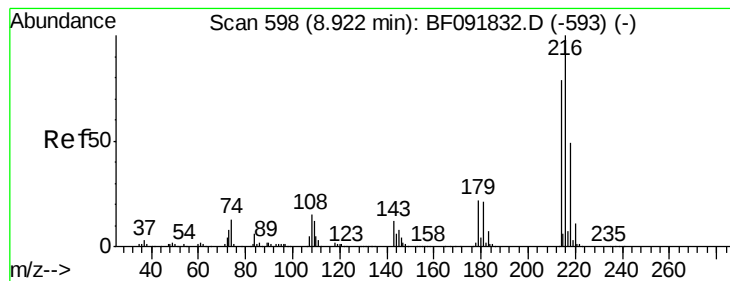


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.85 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

Tgt Ion:216 Resp: 514150

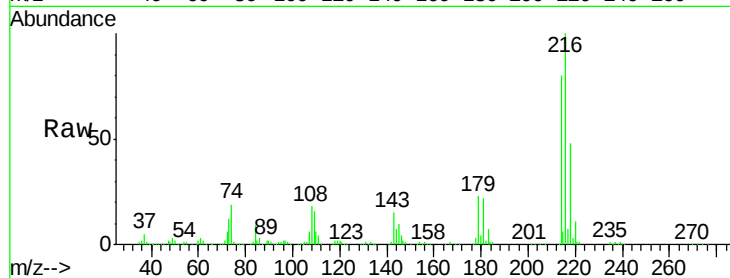
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 23.6 17.4 26.2

108 23.1 15.6 23.4

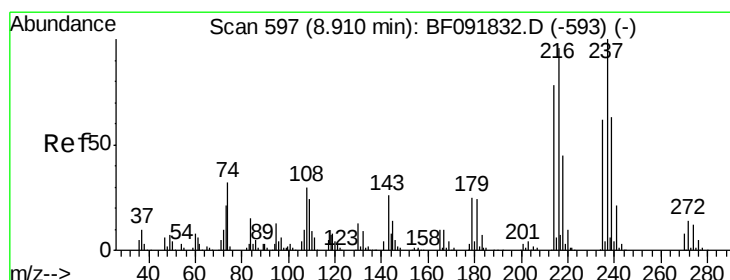
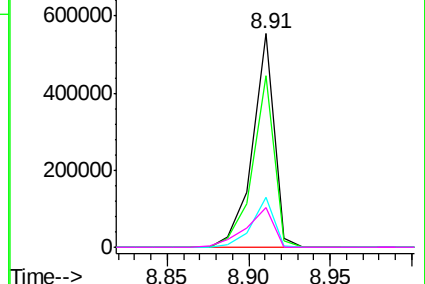
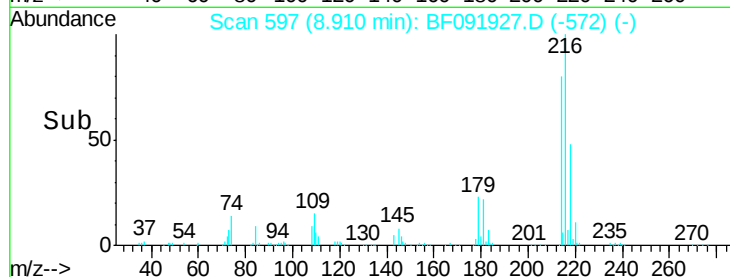


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.52 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091927.D

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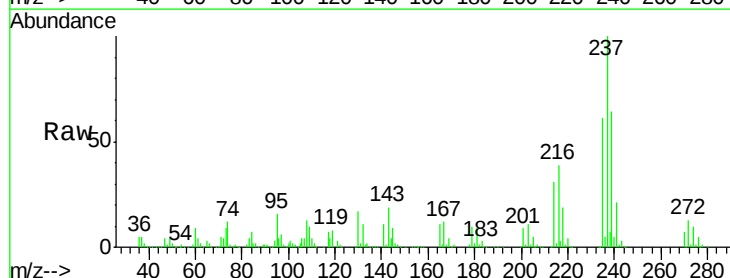
Tgt Ion:237 Resp: 405578

Ion Ratio Lower Upper

237 100

235 61.4 41.2 81.2

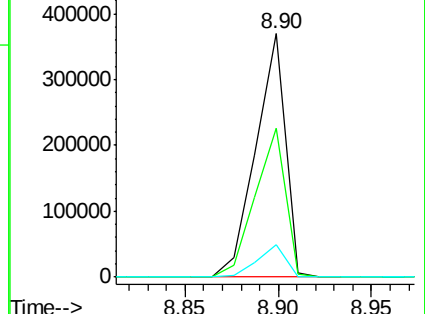
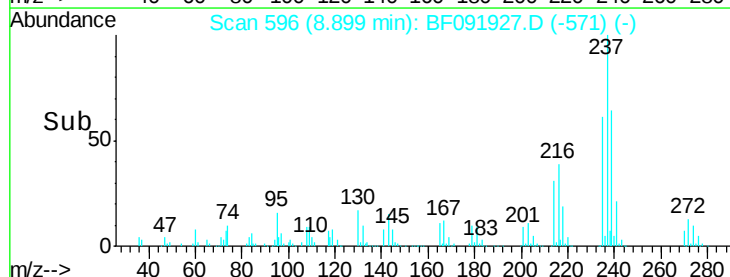
272 13.3 0.0 35.4

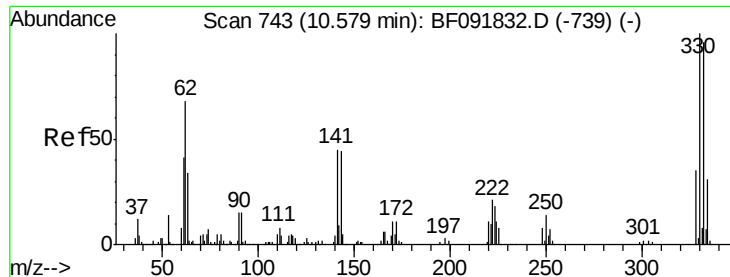


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

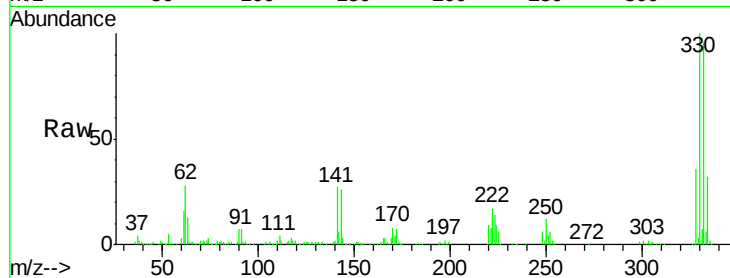




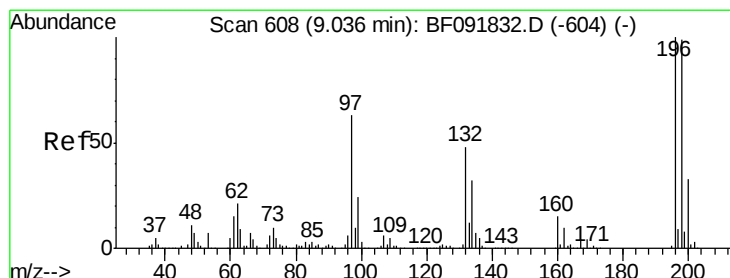
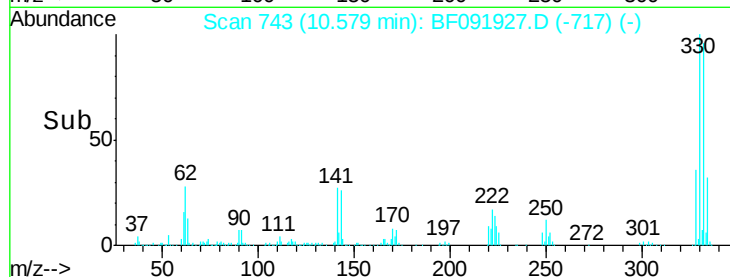
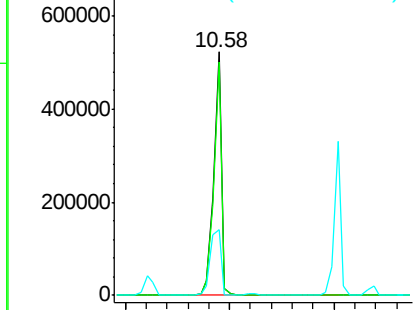
#41  
 2,4,6-Tribromophenol  
 Concen: 154.64 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. -0.00 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

Tgt Ion:330 Resp: 544295  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 77.4 116.2  
 141 37.8 34.1 51.1

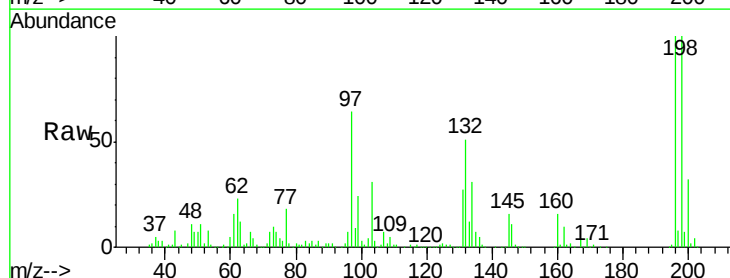


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

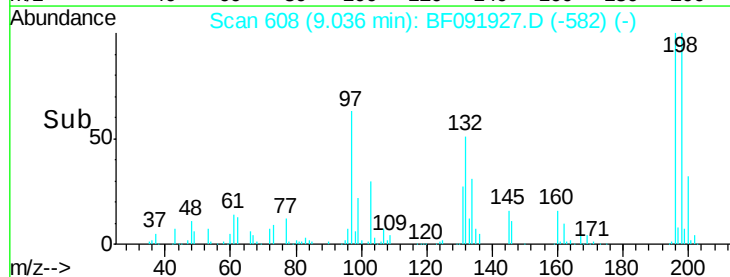
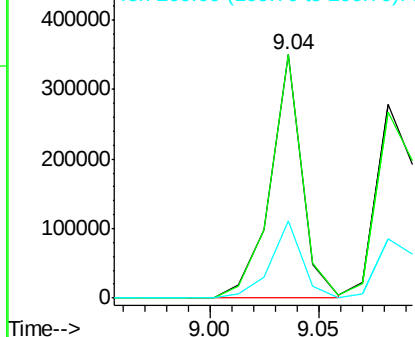


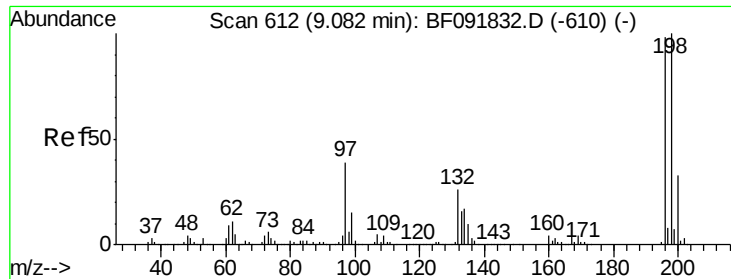
#42  
 2,4,6-Trichlorophenol  
 Concen: 47.46 ng  
 RT: 9.04 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:196 Resp: 356623  
 Ion Ratio Lower Upper  
 196 100  
 198 99.8 82.1 123.1  
 200 31.9 27.0 40.4



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

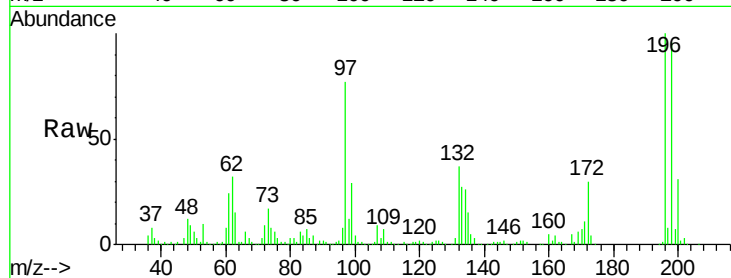




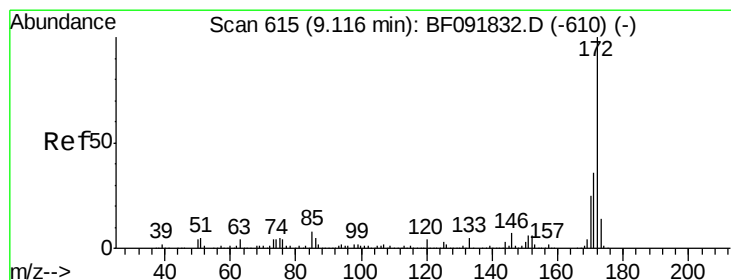
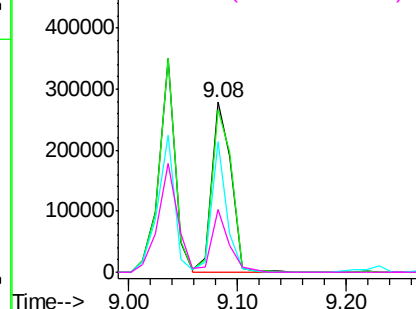
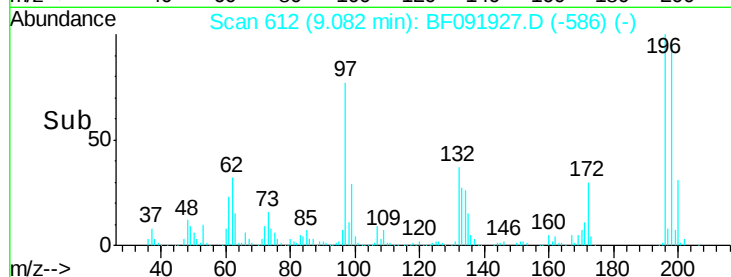
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.48 ng  
 RT: 9.08 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

Tgt Ion:196 Resp: 343958  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 79.4 119.2  
 97 76.8 51.5 77.3  
 132 37.2 27.4 41.2

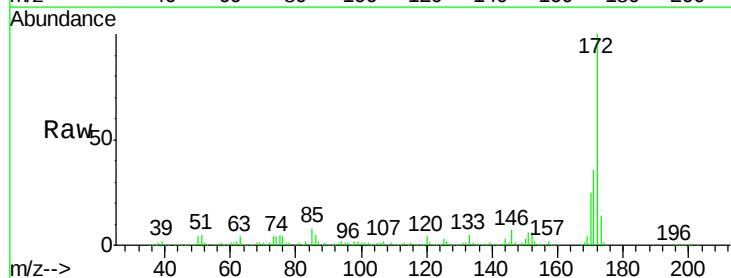


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

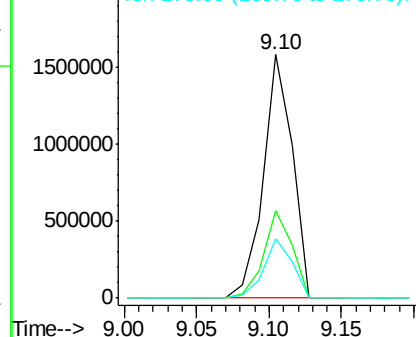
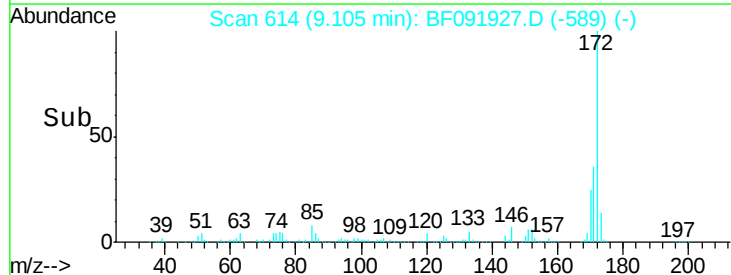


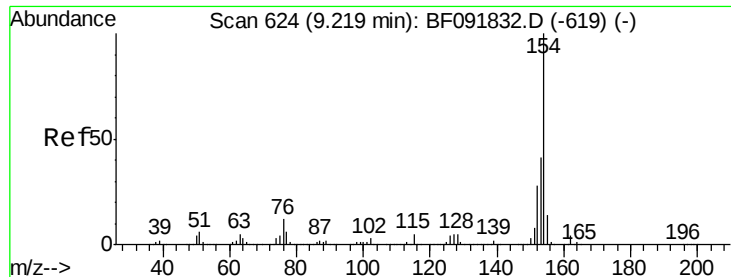
#44  
 2-Fluorobiphenyl  
 Concen: 108.53 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:172 Resp: 2178609  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.4 44.0  
 170 24.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

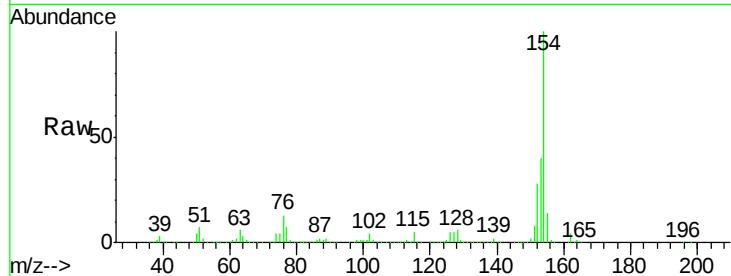




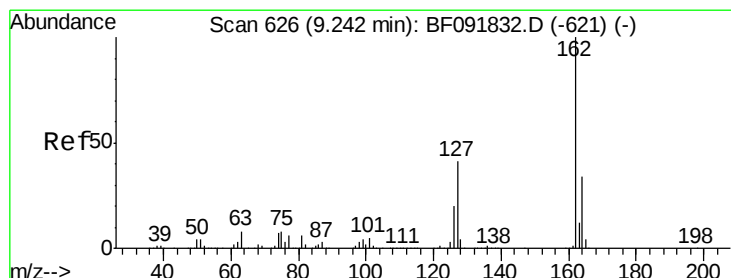
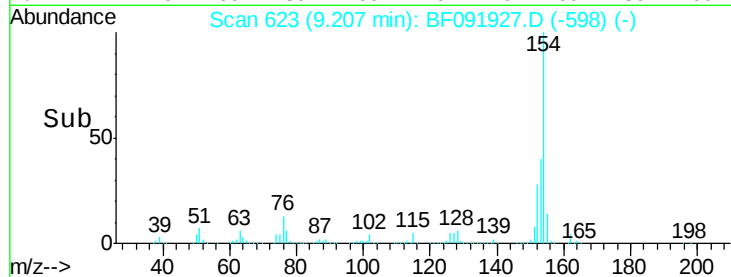
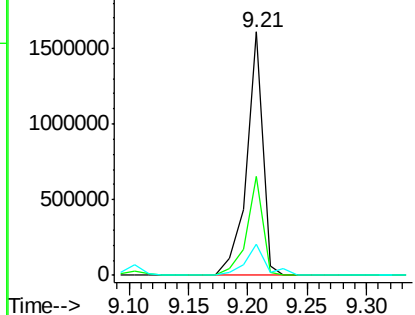
#45  
 1,1'-Biphenyl  
 Concen: 52.21 ng  
 RT: 9.21 min Scan# 623  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

Tgt Ion:154 Resp: 1520325  
 Ion Ratio Lower Upper  
 154 100  
 153 40.5 20.9 60.9  
 76 12.9 0.0 30.5

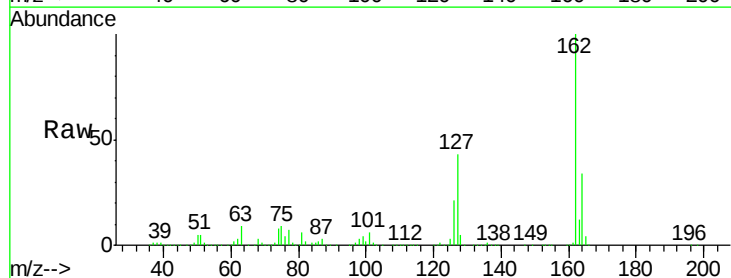


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

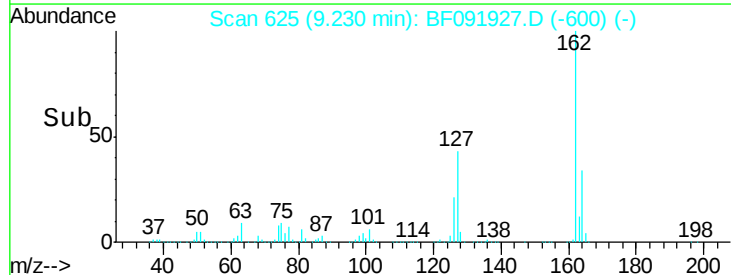
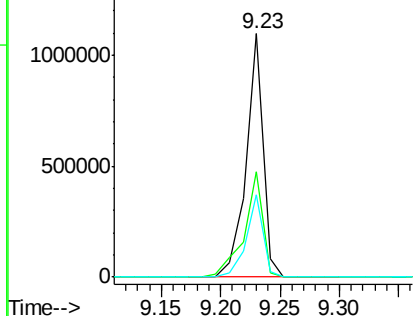


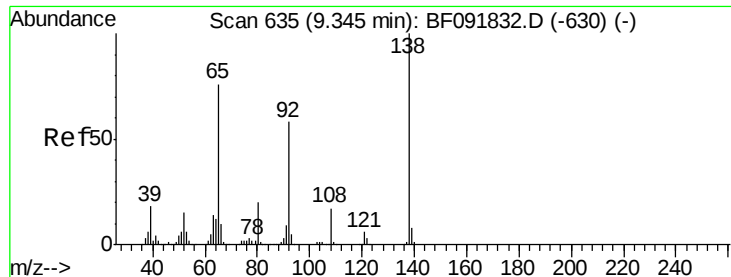
#46  
 2-Chloronaphthalene  
 Concen: 47.61 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:162 Resp: 1097857  
 Ion Ratio Lower Upper  
 162 100  
 127 43.2 30.7 46.1  
 164 33.7 27.6 41.4



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

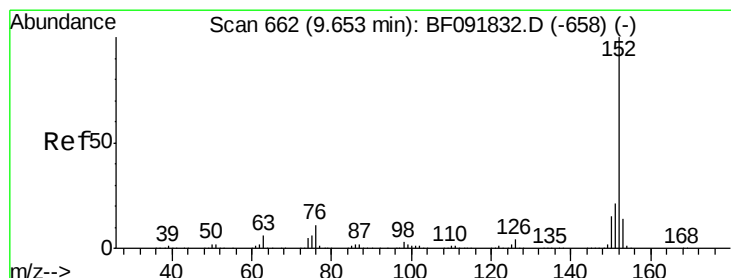
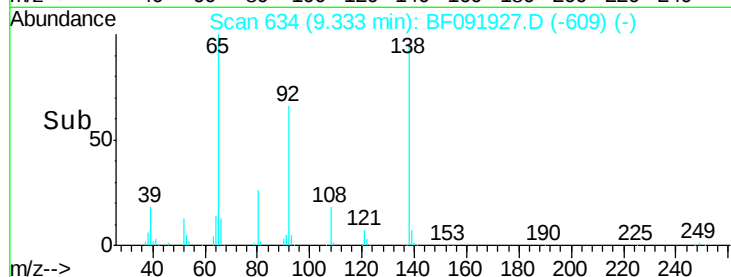
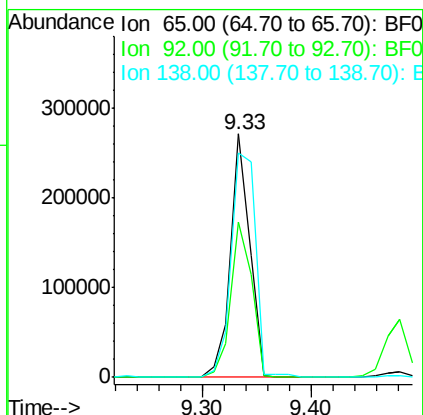
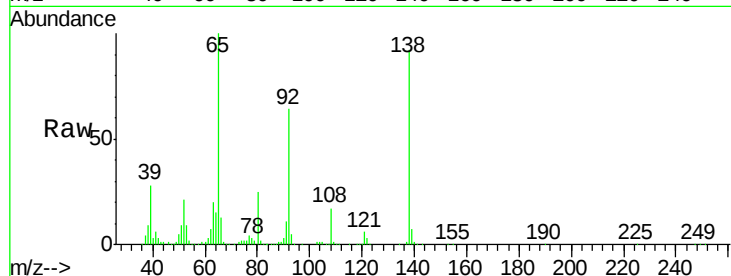




#47  
2-Nitroaniline  
Concen: 40.53 ng  
RT: 9.33 min Scan# 634  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

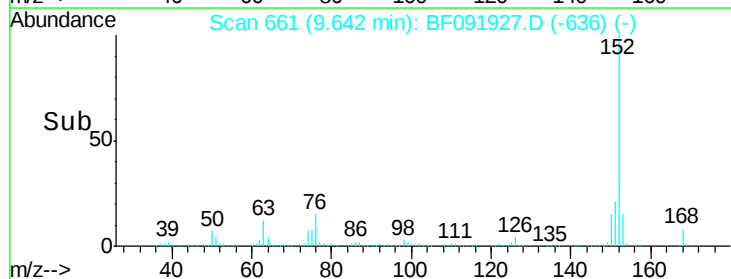
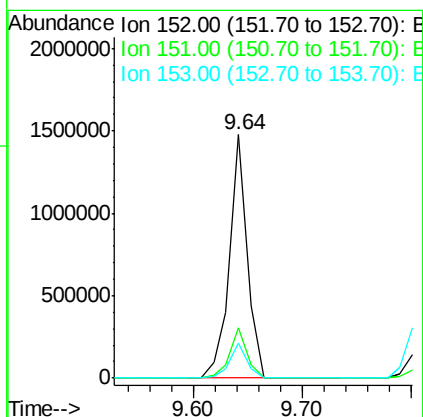
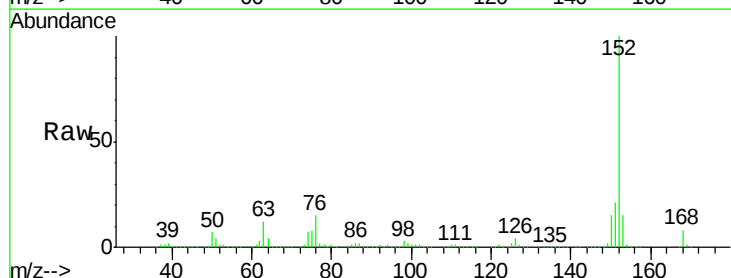
Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

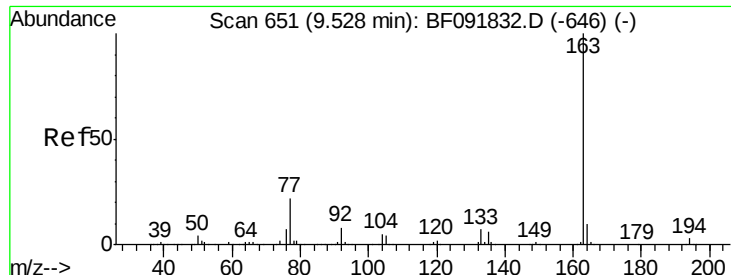
Tgt Ion: 65 Resp: 332786  
Ion Ratio Lower Upper  
65 100  
92 63.9 53.9 80.9  
138 92.4 76.8 115.2



#48  
Acenaphthylene  
Concen: 46.60 ng  
RT: 9.64 min Scan# 661  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion: 152 Resp: 1652789  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.9 25.3  
153 14.6 11.4 17.2

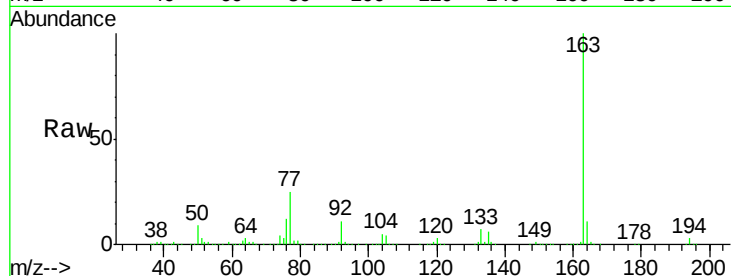




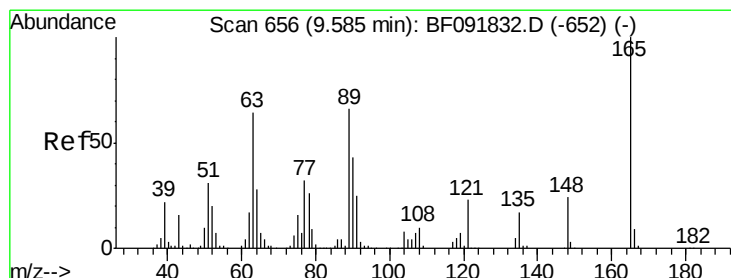
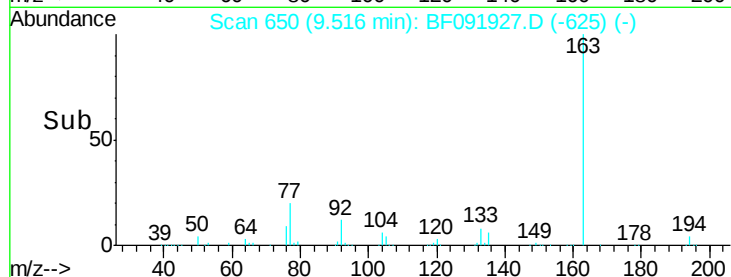
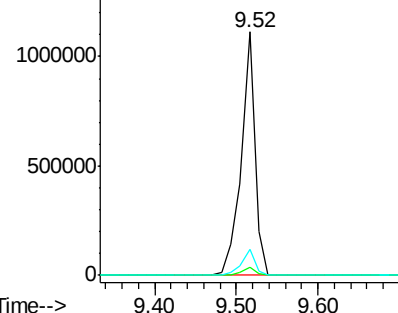
#49  
Dimethylphthalate  
Concen: 47.78 ng  
RT: 9.52 min Scan# 650  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:163 Resp: 1299707  
Ion Ratio Lower Upper  
163 100  
194 3.2 3.0 4.4  
164 10.6 8.0 12.0

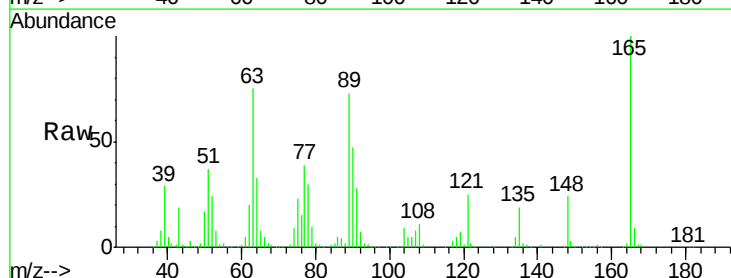


Abundance Ion 163.00 (162.70 to 163.70): E  
1500000 Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

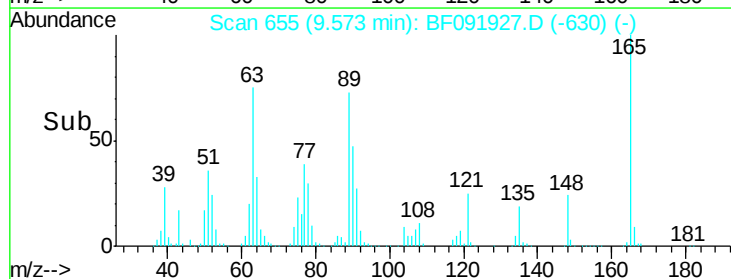
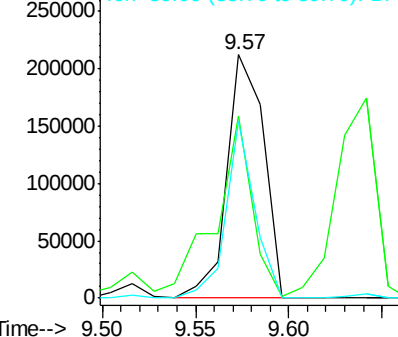


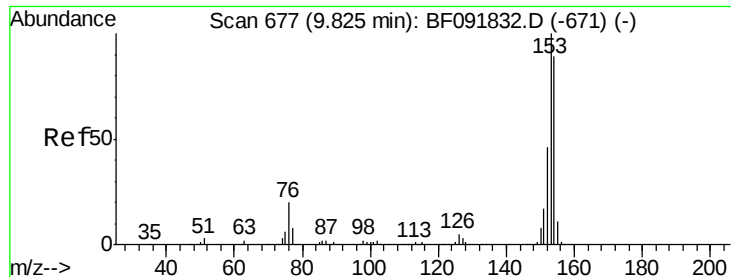
#50  
2,6-Dinitrotoluene  
Concen: 48.83 ng  
RT: 9.57 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:165 Resp: 290695  
Ion Ratio Lower Upper  
165 100  
63 75.0 36.2 54.4#  
89 72.8 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.63 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

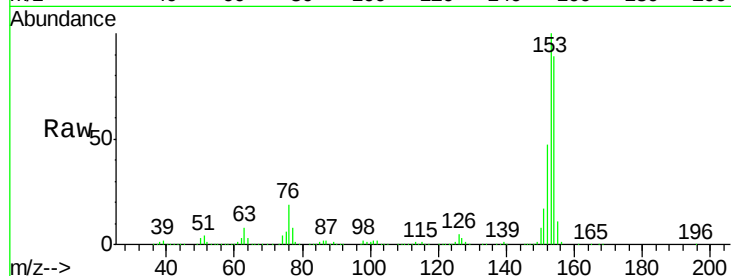
Tgt Ion:154 Resp: 1025024

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

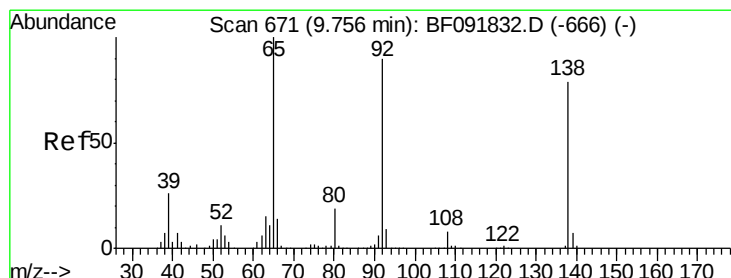
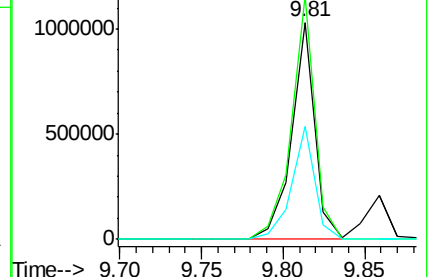
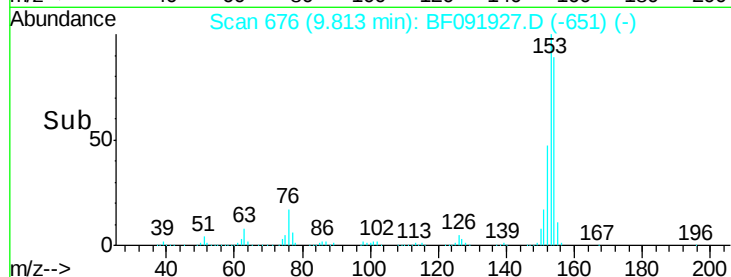
152 52.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.12 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

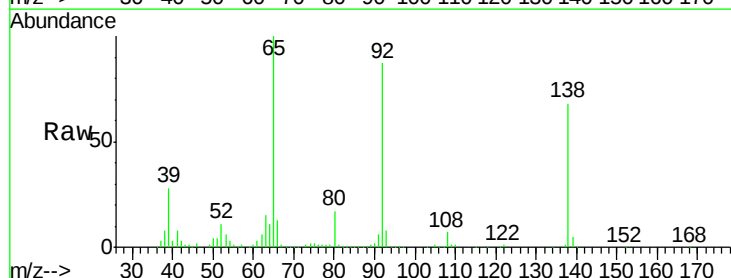
Tgt Ion:138 Resp: 148239

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

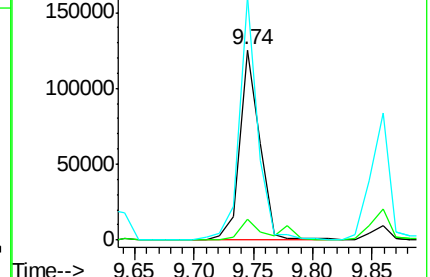
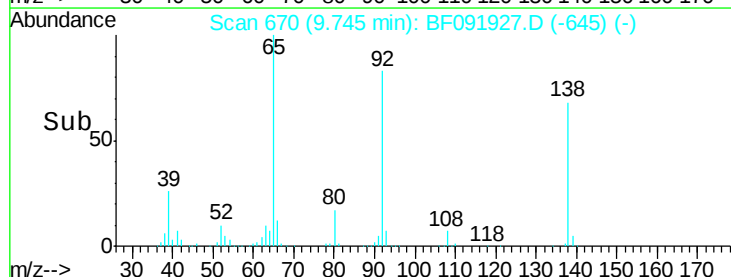
92 128.1 97.8 146.8

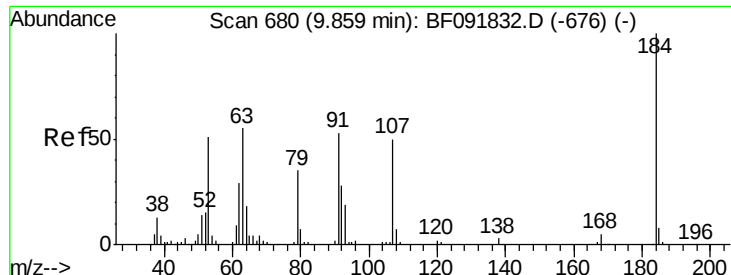


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

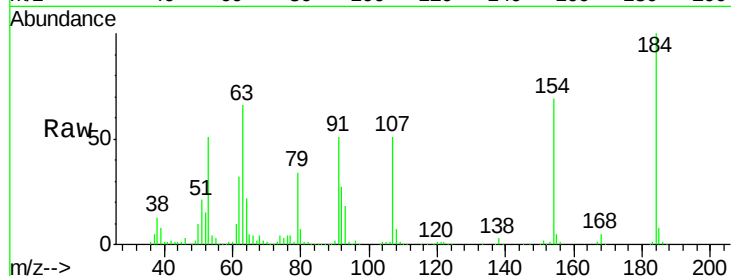




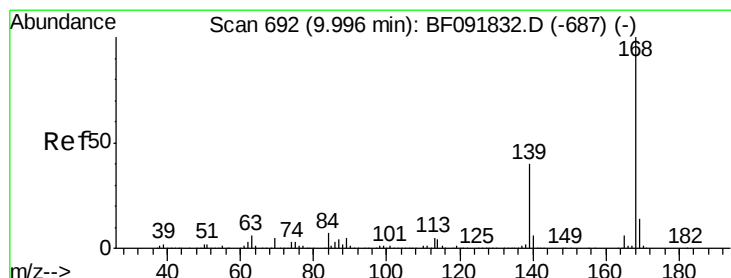
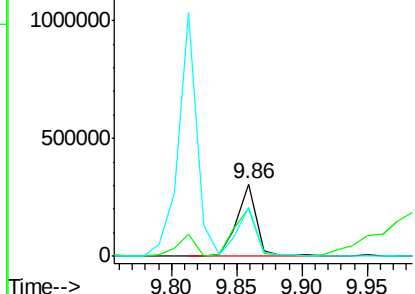
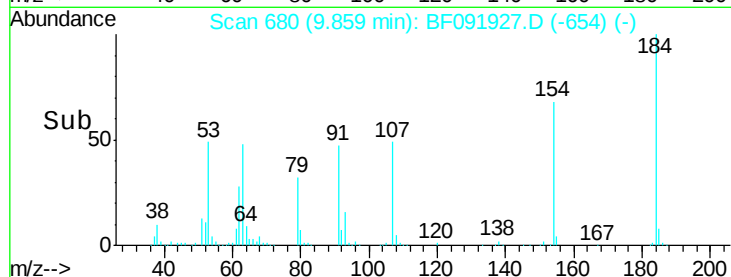
#53  
 2,4-Dinitrophenol  
 Concen: 98.83 ng  
 RT: 9.86 min Scan# 680  
 Delta R.T. -0.00 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

Tgt Ion:184 Resp: 327402  
 Ion Ratio Lower Upper  
 184 100  
 63 66.1 28.4 42.6#  
 154 68.5 44.3 66.5#

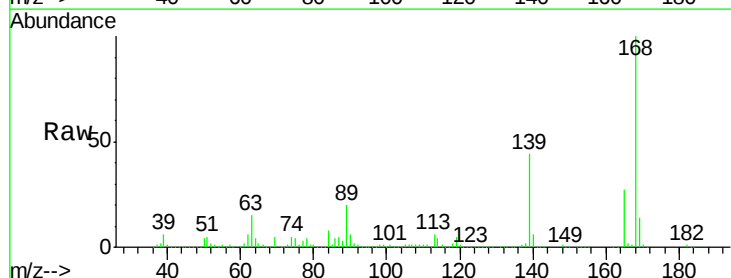


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

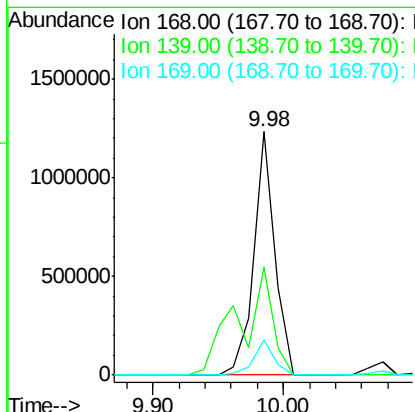
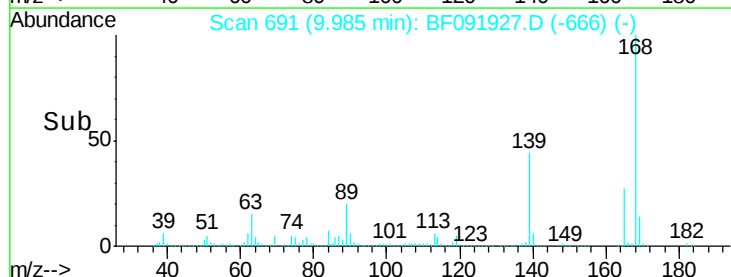


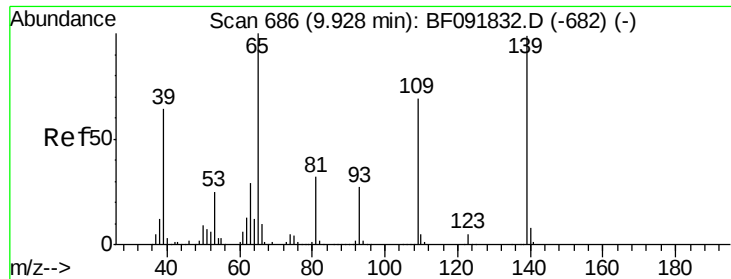
#54  
 Dibenzofuran  
 Concen: 42.56 ng  
 RT: 9.98 min Scan# 691  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:168 Resp: 1382056  
 Ion Ratio Lower Upper  
 168 100  
 139 44.5 32.6 49.0  
 169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E

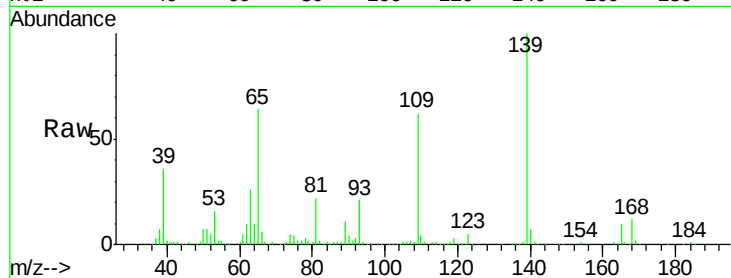




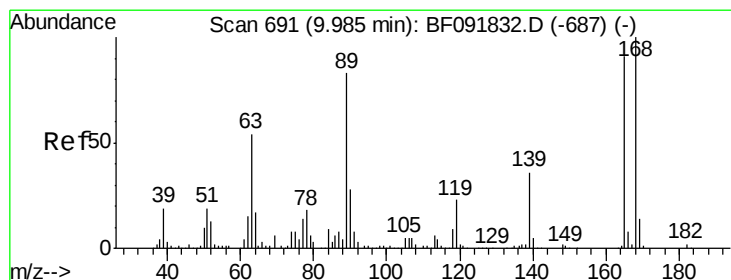
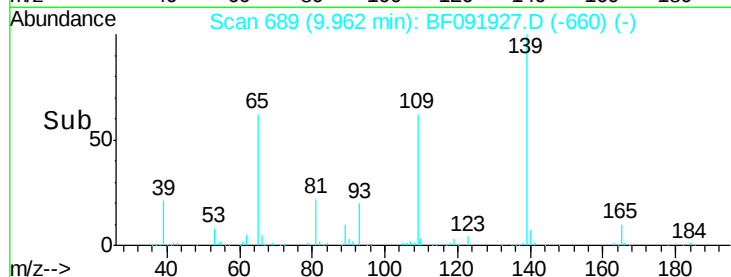
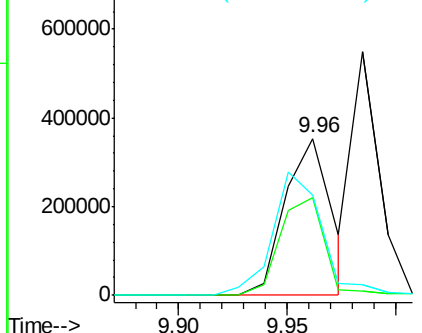
#55  
4-Nitrophenol  
Concen: 105.09 ng  
RT: 9.96 min Scan# 689  
Delta R.T. 0.03 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:139 Resp: 525731  
Ion Ratio Lower Upper  
139 100  
109 62.1 52.2 92.2  
65 63.5 85.8 125.8#

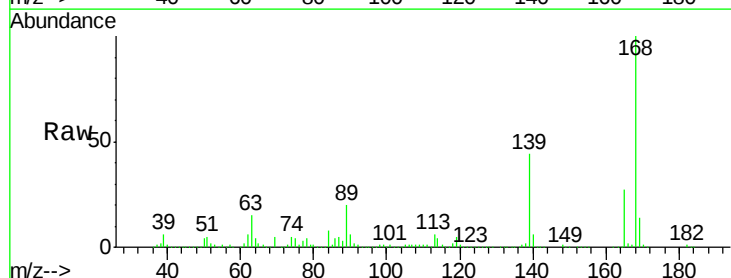


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

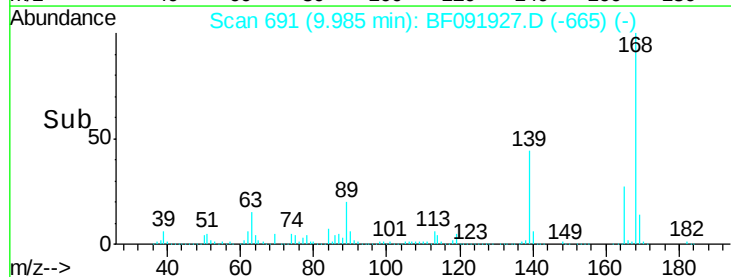
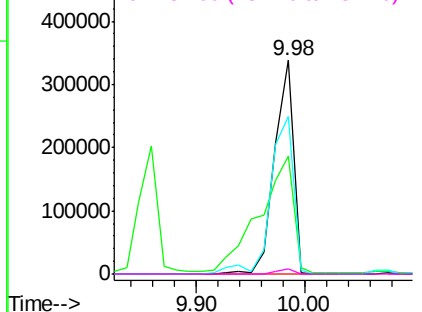


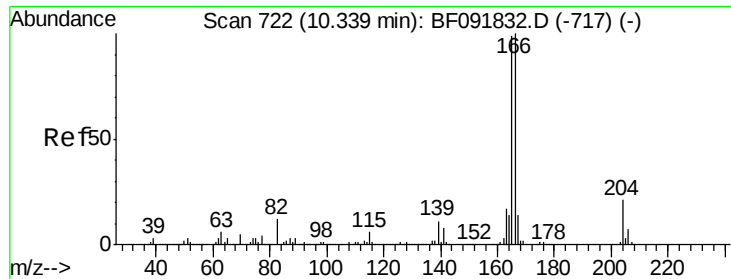
#56  
2,4-Dinitrotoluene  
Concen: 54.25 ng  
RT: 9.98 min Scan# 691  
Delta R.T. -0.00 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:165 Resp: 405417  
Ion Ratio Lower Upper  
165 100  
63 54.9 40.2 60.4  
89 73.5 62.5 93.7  
182 2.2 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.29 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

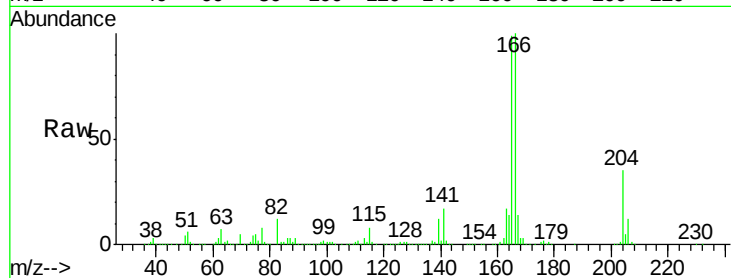
Tgt Ion:166 Resp: 1117185

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

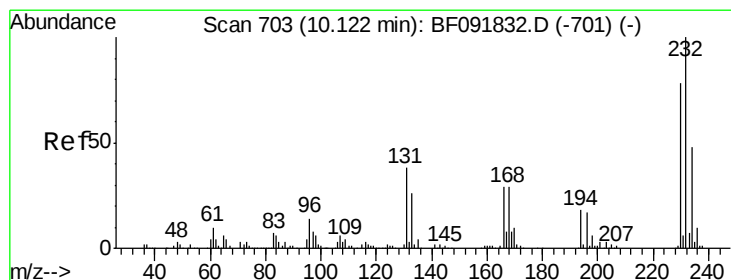
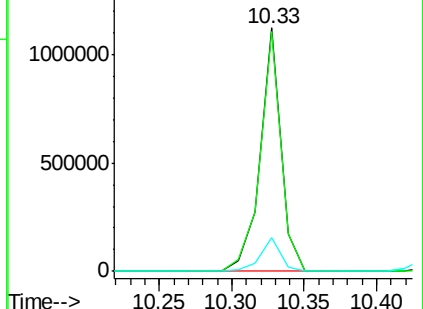
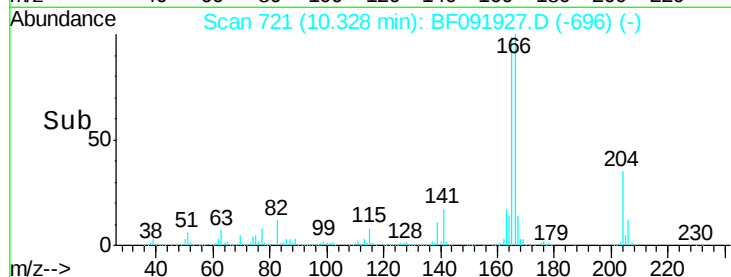
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.16 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Tgt Ion:232 Resp: 306829

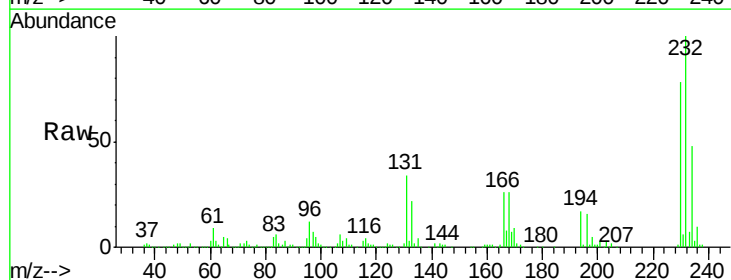
Ion Ratio Lower Upper

232 100

131 51.1 40.1 60.1

130 2.5 1.8 2.8

166 32.3 26.6 39.8

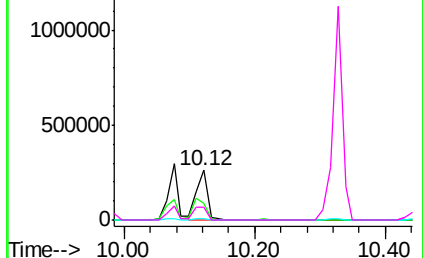
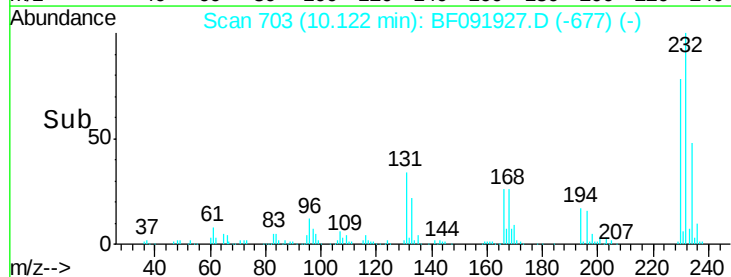


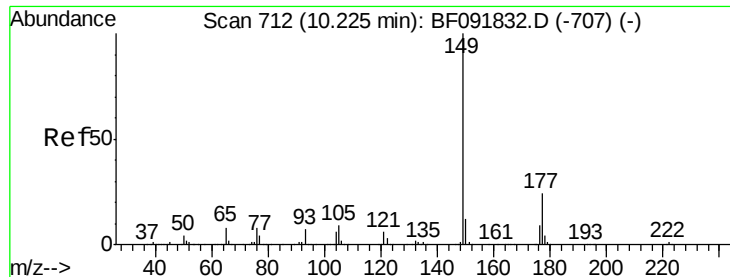
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

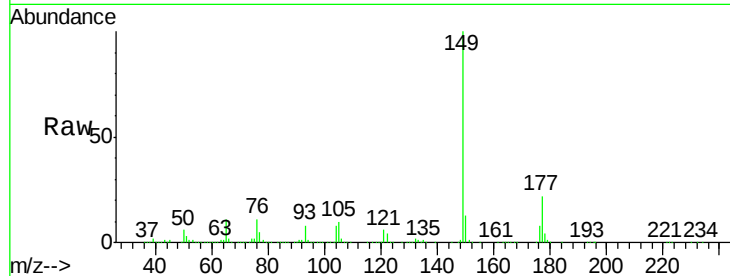




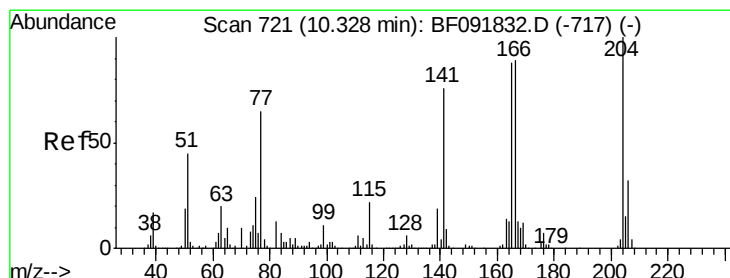
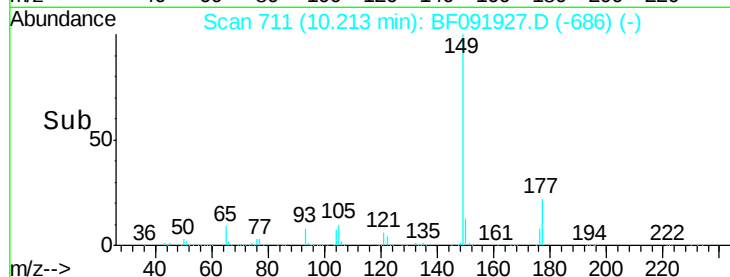
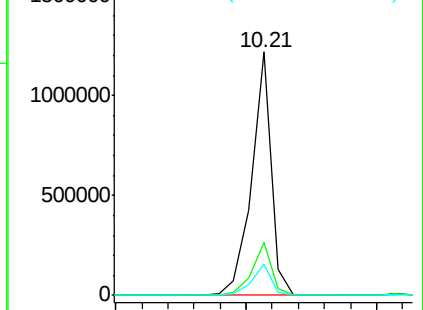
#59  
Diethylphthalate  
Concen: 48.26 ng  
RT: 10.21 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:149 Resp: 1274812  
Ion Ratio Lower Upper  
149 100  
177 21.8 16.6 25.0  
150 12.9 10.4 15.6

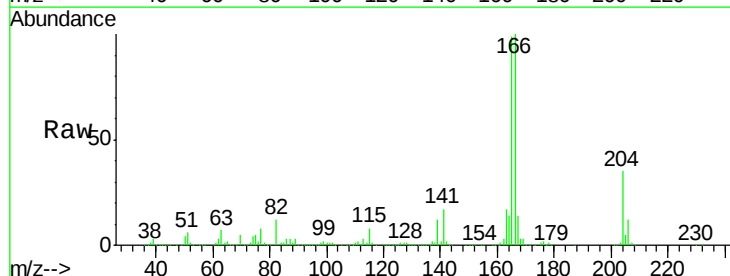


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

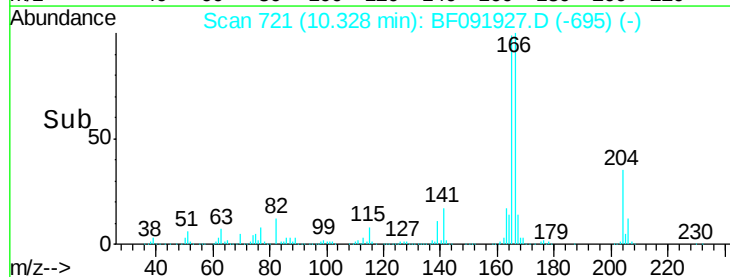
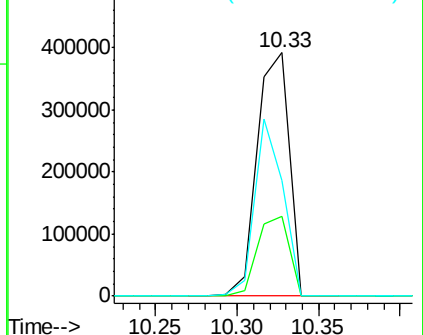


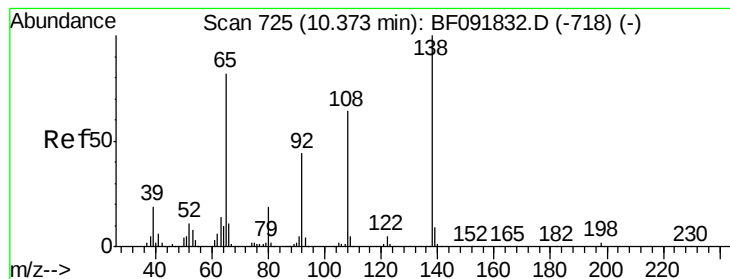
#60  
4-Chlorophenyl-phenylether  
Concen: 51.83 ng  
RT: 10.33 min Scan# 721  
Delta R.T. -0.00 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:204 Resp: 536156  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.8 38.6  
141 47.4 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.77 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

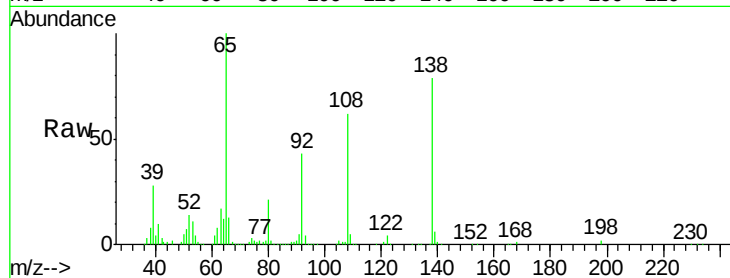
Tgt Ion:138 Resp: 242560

Ion Ratio Lower Upper

138 100

92 55.0 31.7 71.7

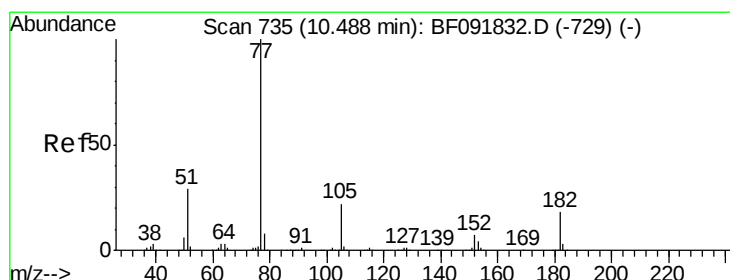
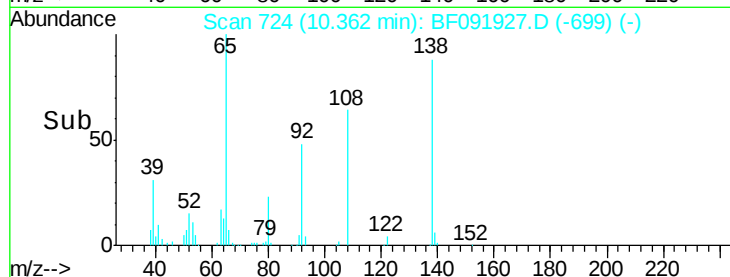
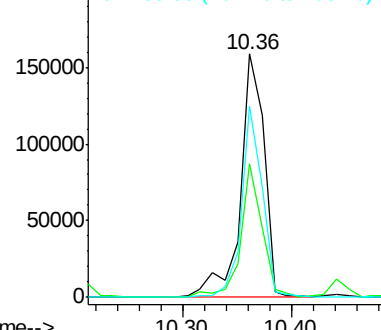
108 78.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.32 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Tgt Ion: 77 Resp: 1463651

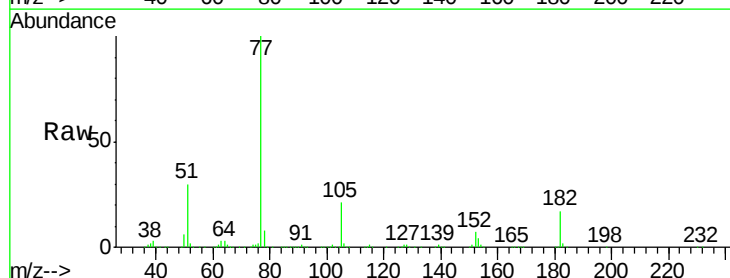
Ion Ratio Lower Upper

77 100

182 17.0 0.0 39.3

105 21.4 2.3 42.3

51 29.7 8.9 48.9

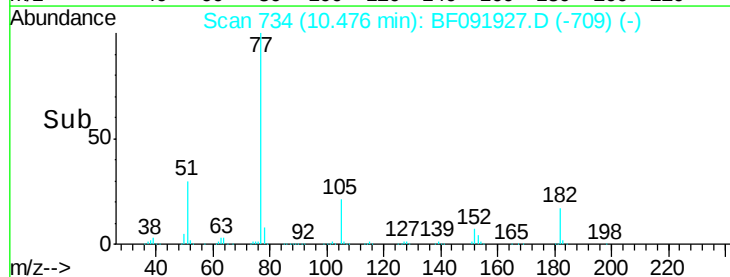
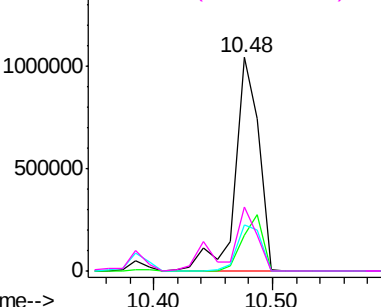


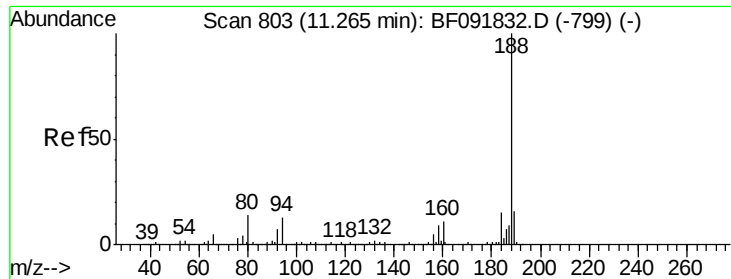
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

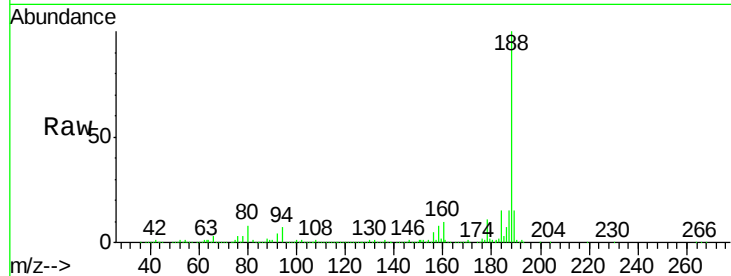




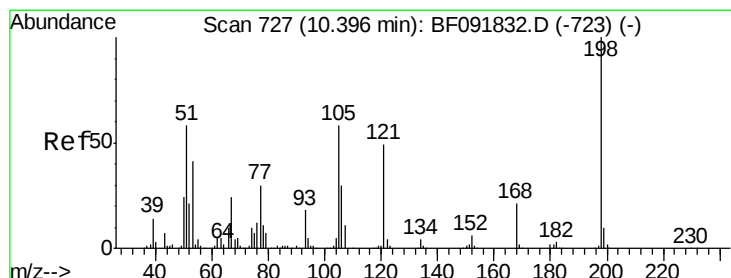
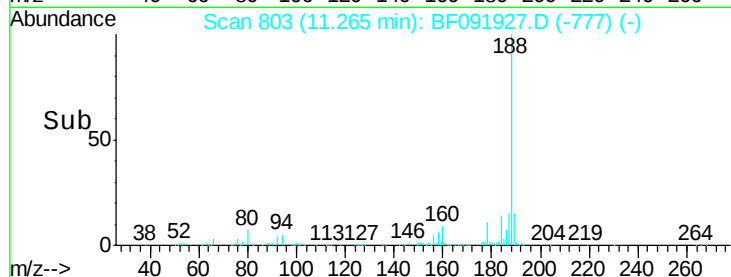
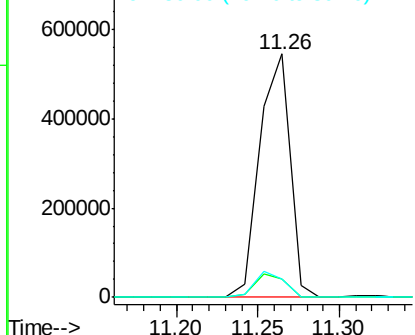
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.26 min Scan# 803  
Delta R.T. -0.00 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:188 Resp: 709624  
Ion Ratio Lower Upper  
188 100  
94 7.4 10.0 15.0#  
80 7.7 11.2 16.8#

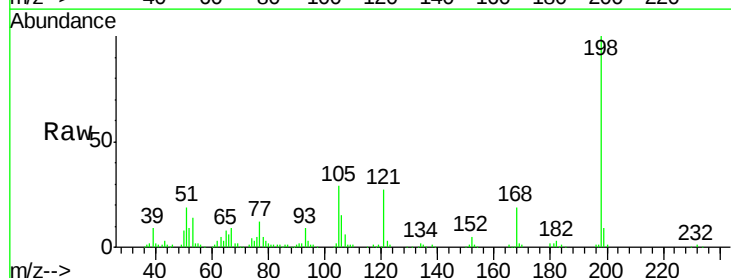


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

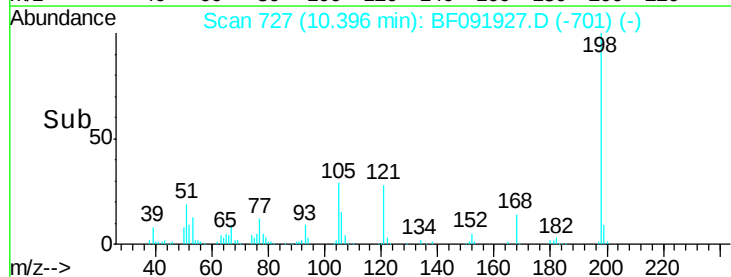
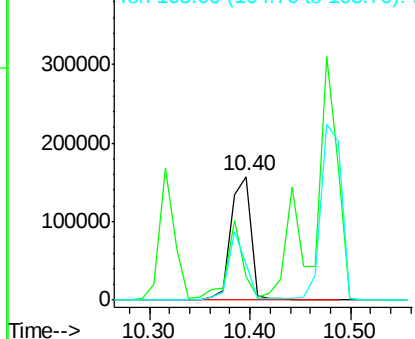


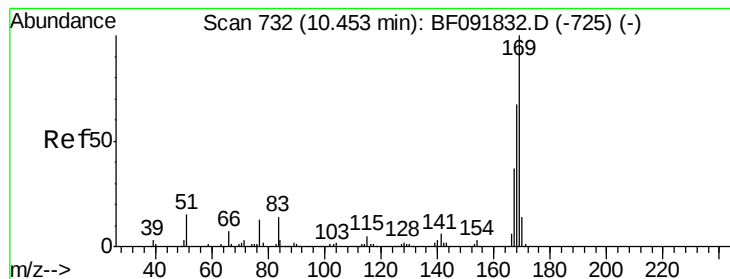
#64  
4,6-Dinitro-2-methylphenol  
Concen: 51.28 ng  
RT: 10.40 min Scan# 727  
Delta R.T. -0.00 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:198 Resp: 220061  
Ion Ratio Lower Upper  
198 100  
51 19.1 6.7 46.7  
105 28.9 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.32 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

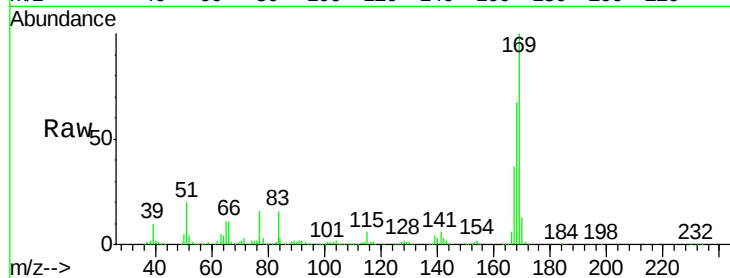
Tgt Ion:169 Resp: 1059492

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

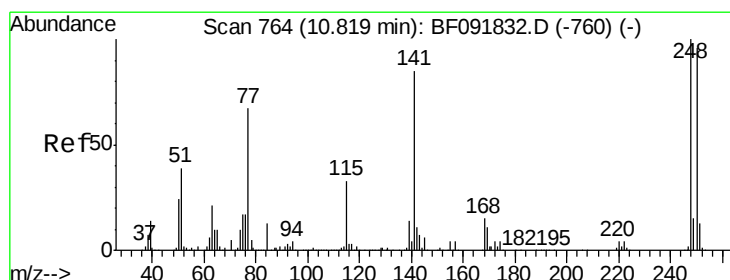
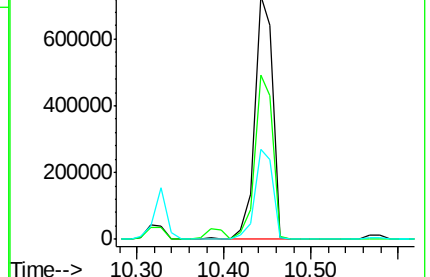
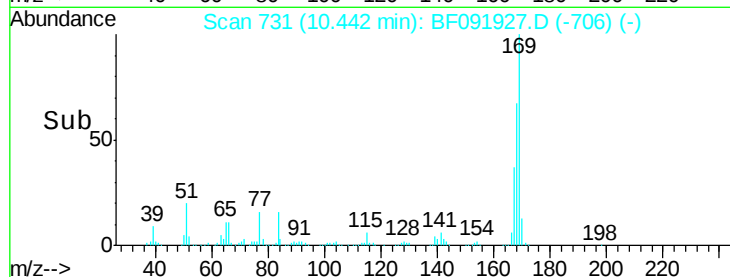
167 37.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.48 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

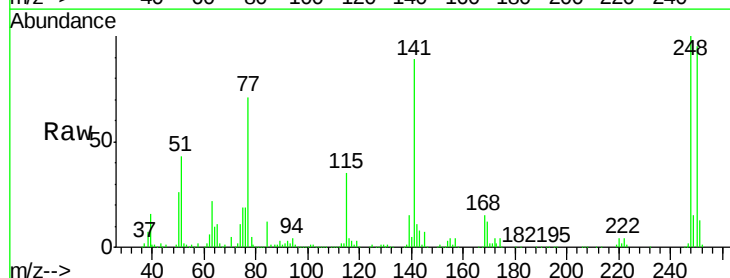
Tgt Ion:248 Resp: 343133

Ion Ratio Lower Upper

248 100

250 94.7 76.9 115.3

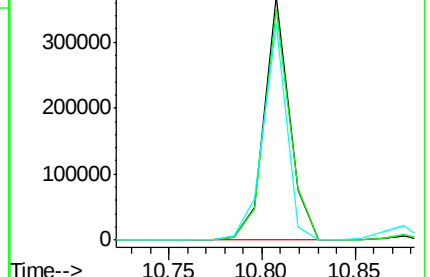
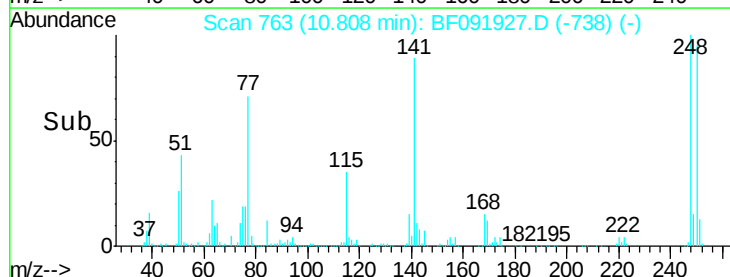
141 89.3 68.2 102.4

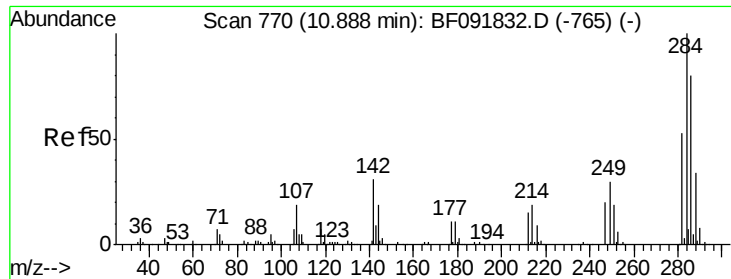


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

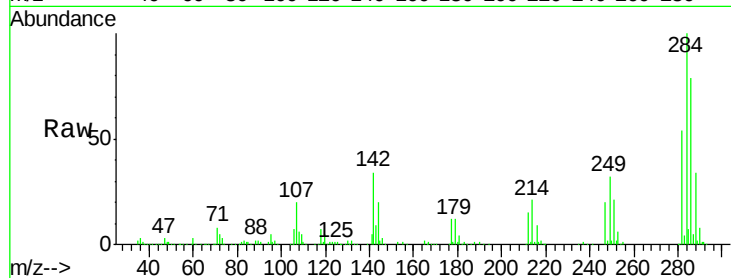




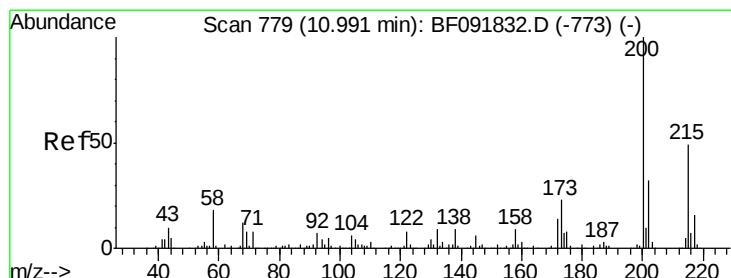
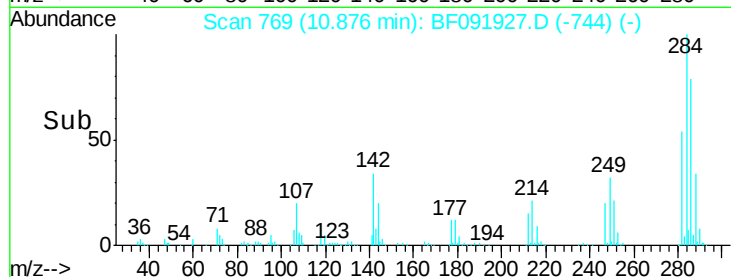
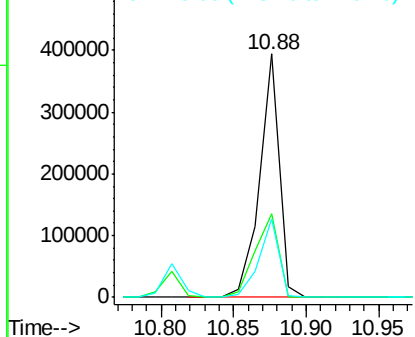
#67  
Hexachlorobenzene  
Concen: 47.08 ng  
RT: 10.88 min Scan# 769  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

Tgt Ion:284 Resp: 371463  
Ion Ratio Lower Upper  
284 100  
142 34.2 22.6 33.8#  
249 32.2 25.4 38.0

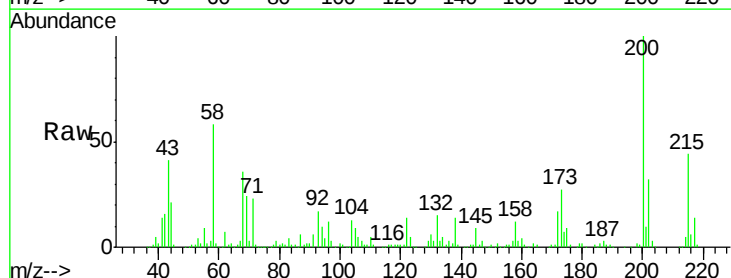


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

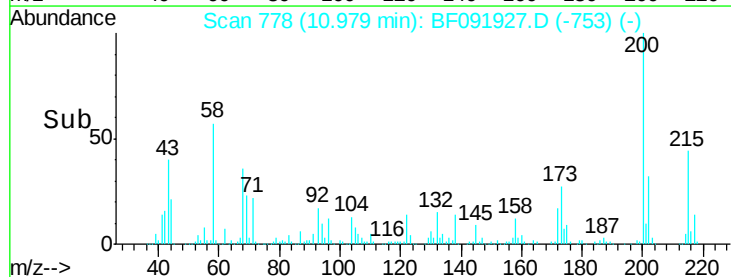
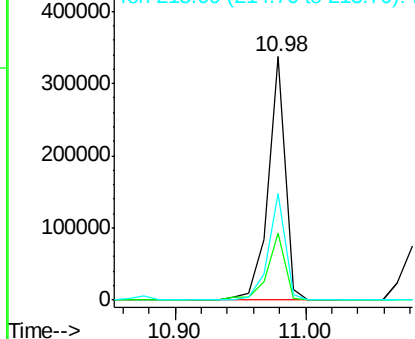


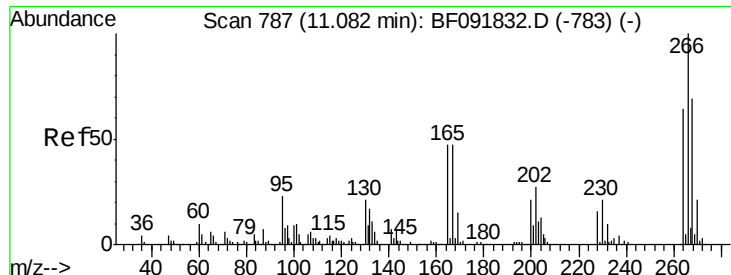
#68  
Atrazine  
Concen: 45.44 ng  
RT: 10.98 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:200 Resp: 308675  
Ion Ratio Lower Upper  
200 100  
173 27.5 9.6 49.6  
215 43.7 25.7 65.7



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

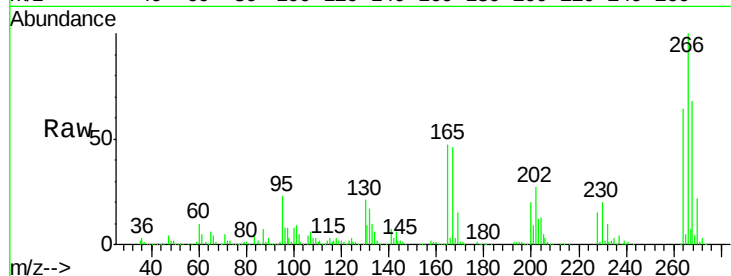




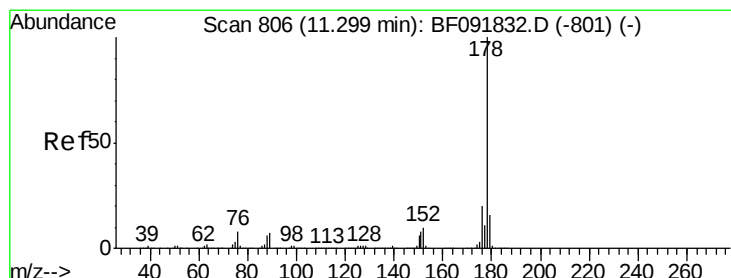
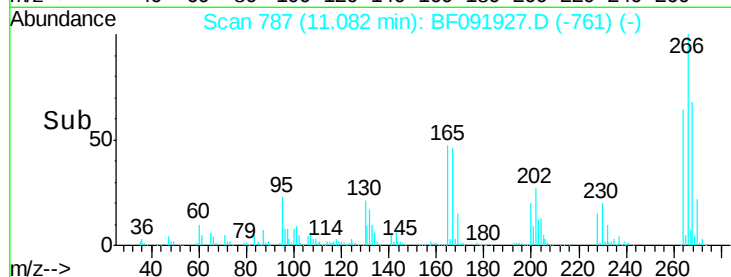
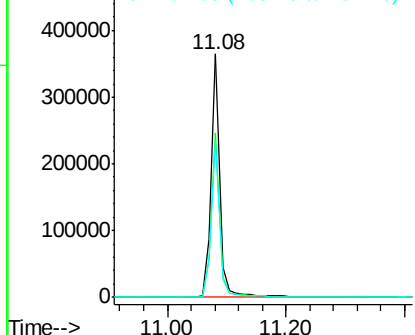
#69  
 Pentachlorophenol  
 Concen: 96.12 ng  
 RT: 11.08 min Scan# 787  
 Delta R.T. -0.00 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

Tgt Ion: 266 Resp: 372124  
 Ion Ratio Lower Upper  
 266 100  
 268 67.6 53.3 79.9  
 264 64.4 50.3 75.5

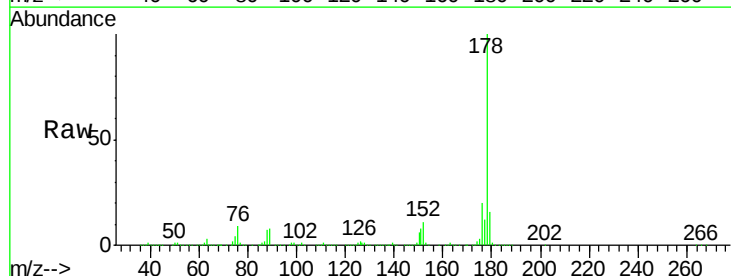


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

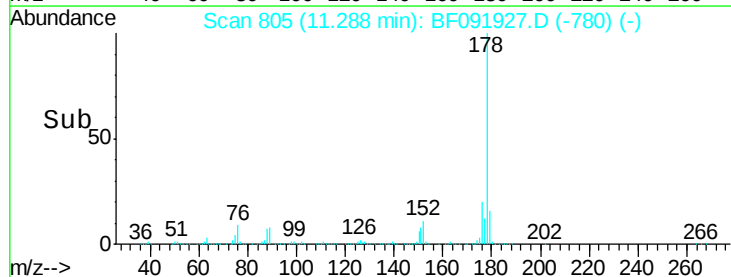
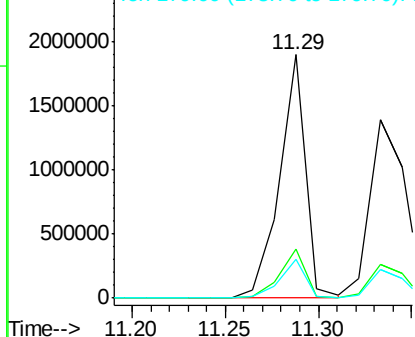


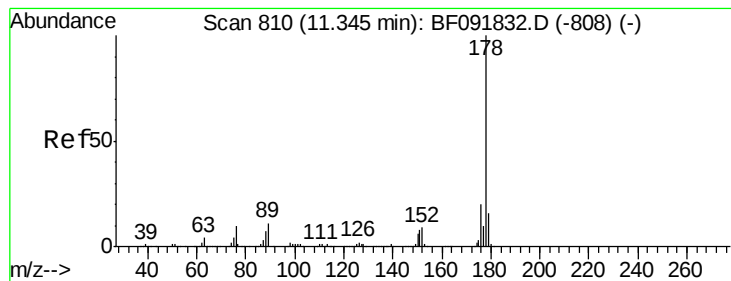
#70  
 Phenanthrene  
 Concen: 47.60 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion: 178 Resp: 1831422  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 16.6 25.0  
 179 16.1 12.8 19.2



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





#71

Anthracene

Concen: 57.22 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

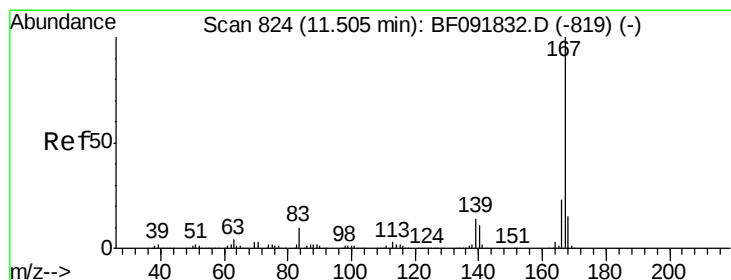
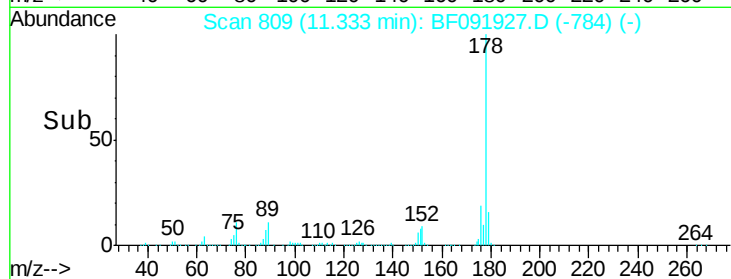
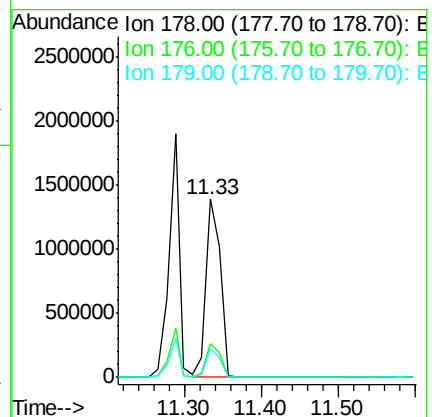
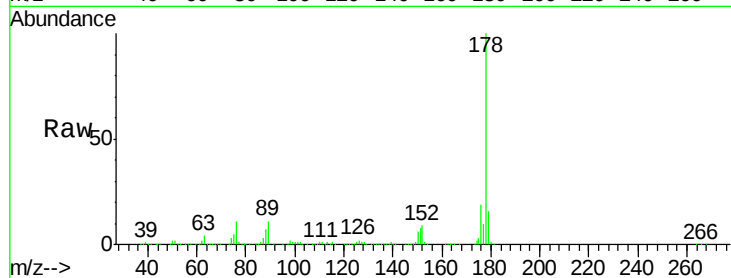
Tgt Ion:178 Resp: 1772043

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

179 16.1 13.2 19.8



#72

Carbazole

Concen: Below Cal

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

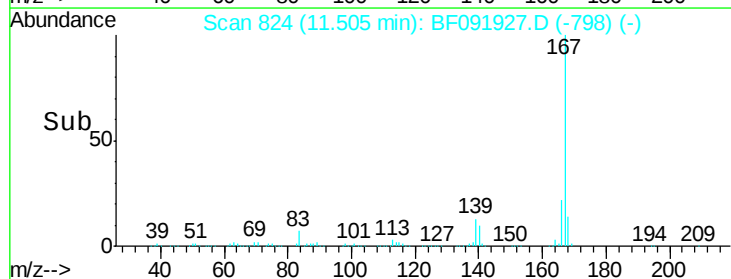
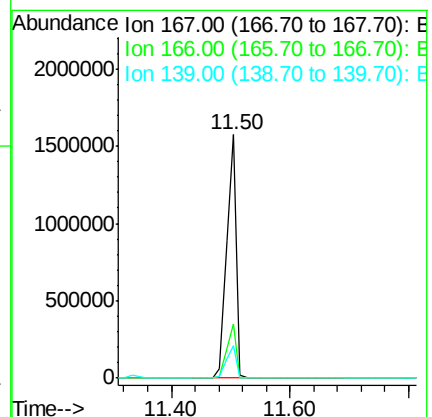
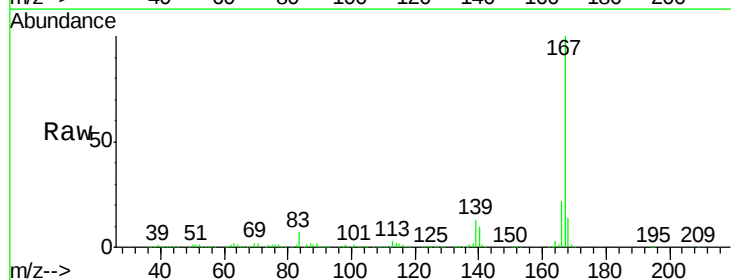
Tgt Ion:167 Resp: 1756162

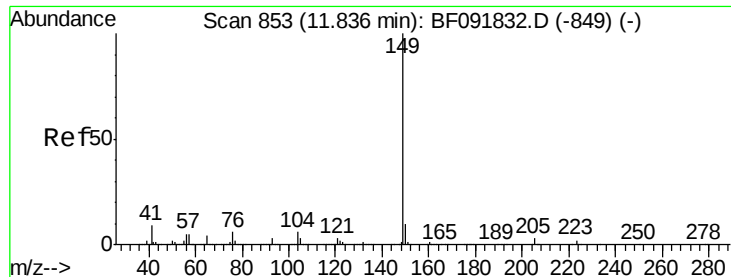
Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

139 13.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 53.34 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

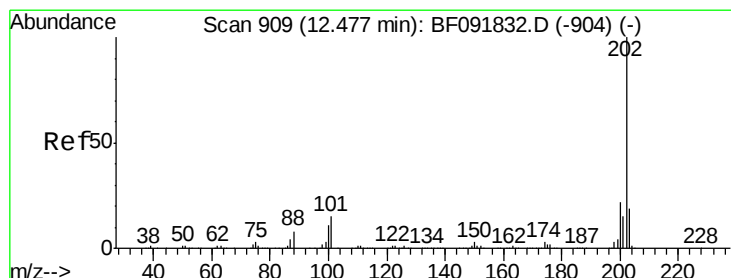
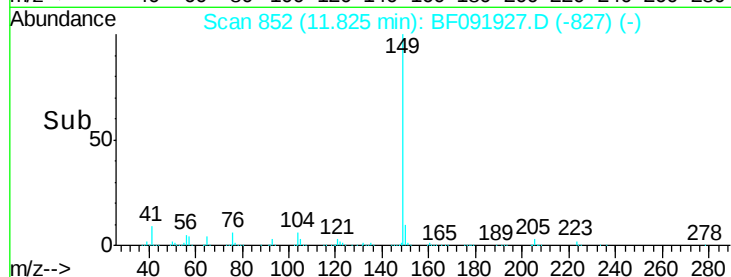
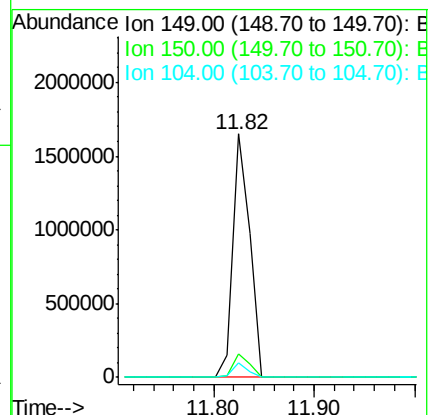
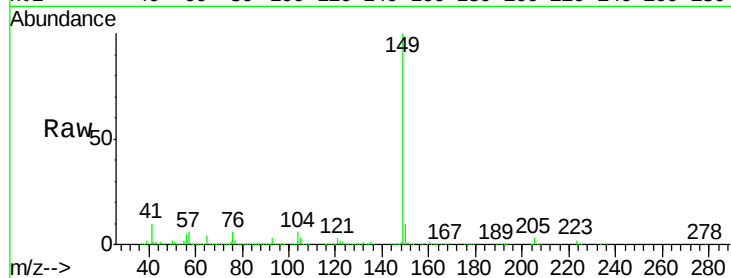
Tgt Ion:149 Resp: 1917159

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 5.9 4.6 7.0



#74

Fluoranthene

Concen: 52.81 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

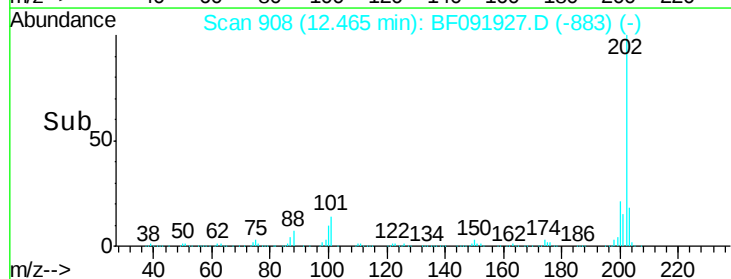
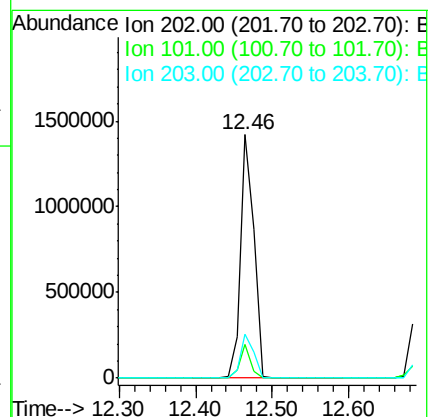
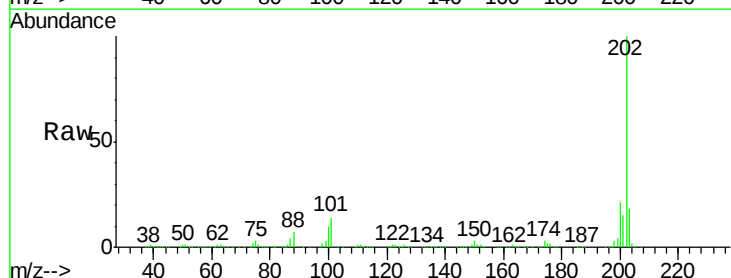
Tgt Ion:202 Resp: 1760249

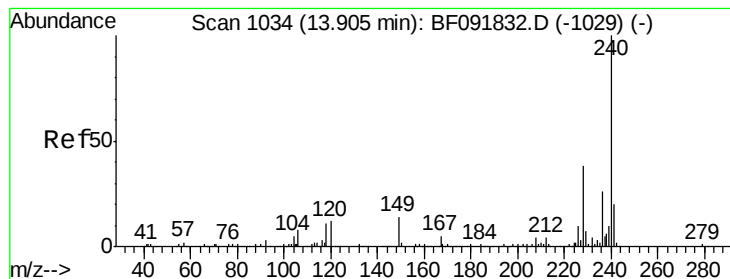
Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

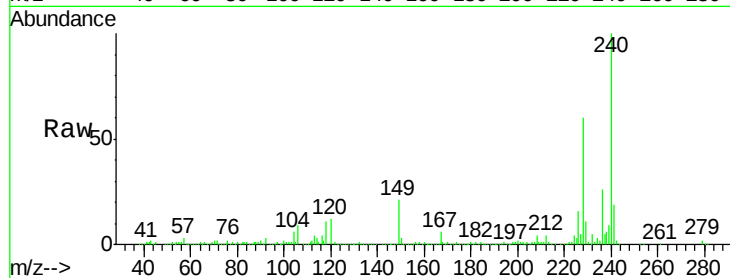
Tgt Ion:240 Resp: 507833

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

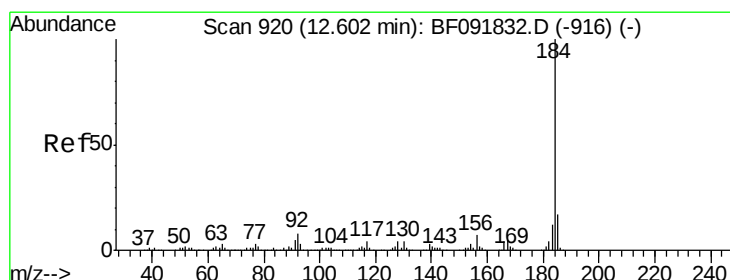
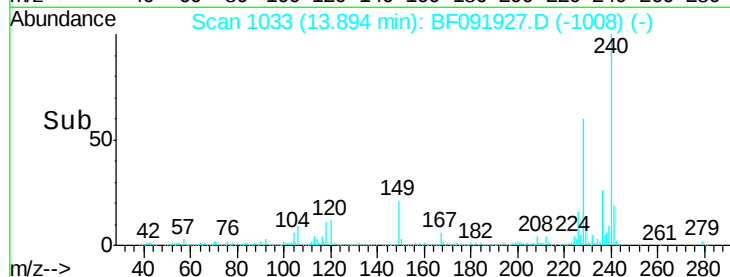
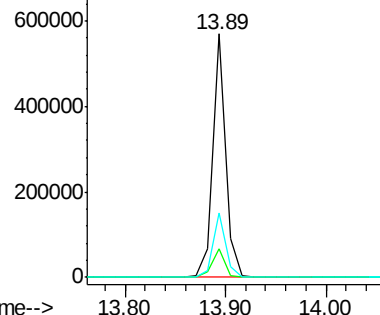
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.98 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

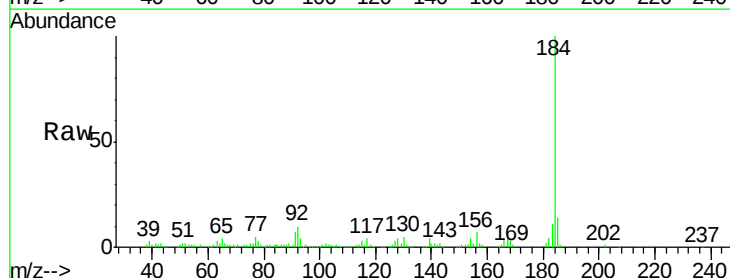
Tgt Ion:184 Resp: 160734

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

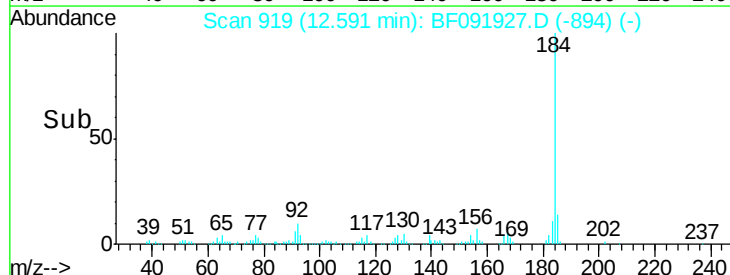
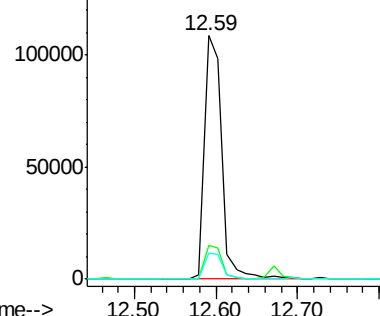
183 10.6 9.2 13.8

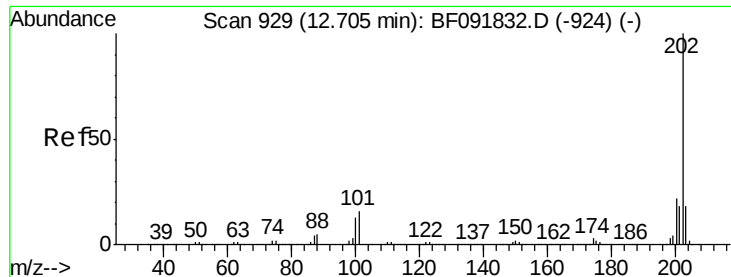


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

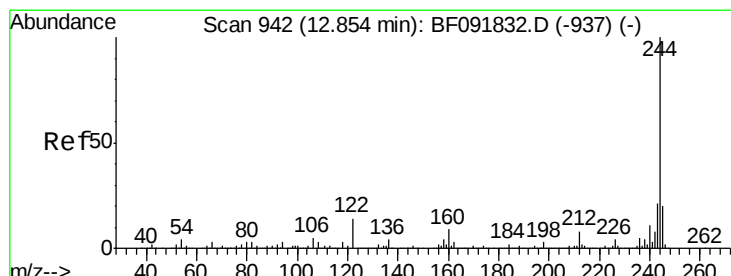
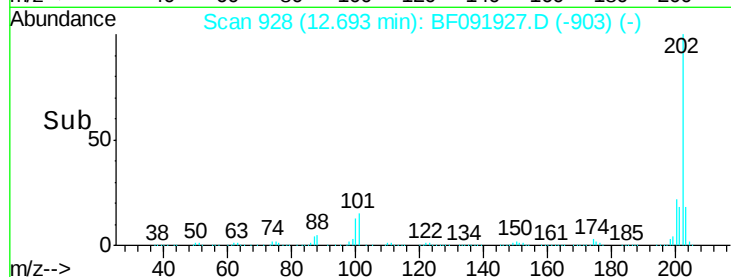
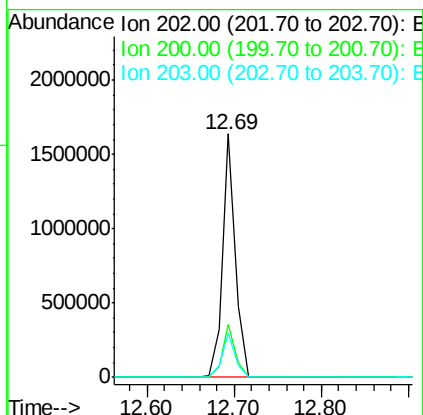
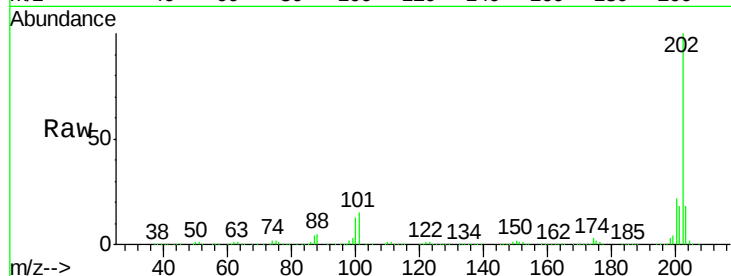




#77  
 Pyrene  
 Concen: 45.36 ng  
 RT: 12.69 min Scan# 928  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

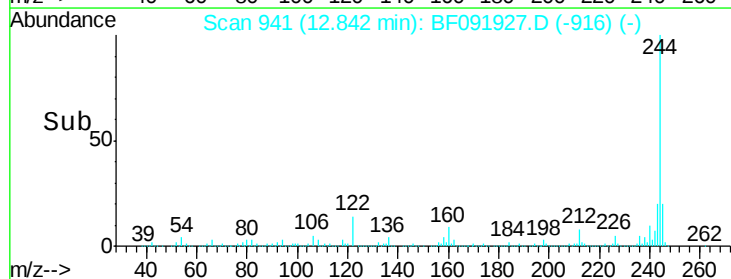
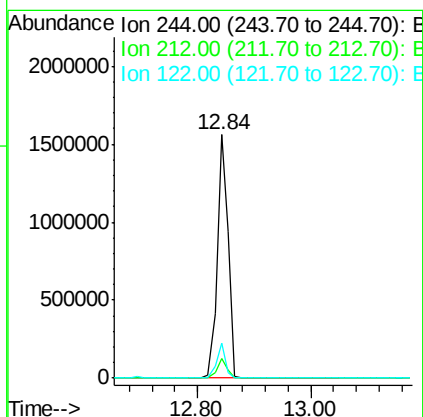
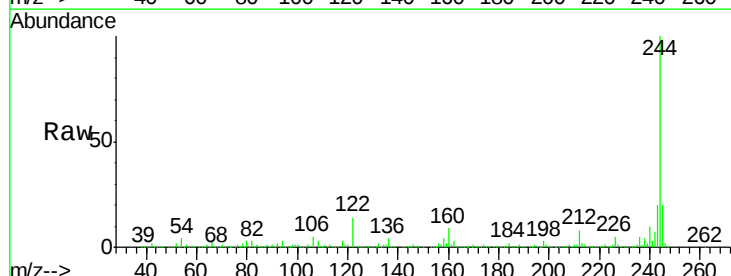
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

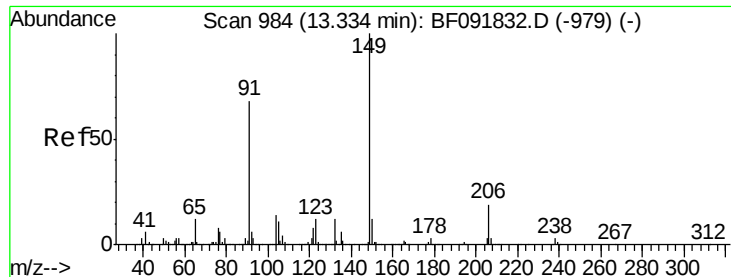
Tgt Ion:202 Resp: 1690187  
 Ion Ratio Lower Upper  
 202 100  
 200 22.0 17.7 26.5  
 203 18.3 14.7 22.1



#78  
 Terphenyl-d14  
 Concen: 96.78 ng  
 RT: 12.84 min Scan# 941  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:244 Resp: 2026483  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 14.2 11.4 17.2

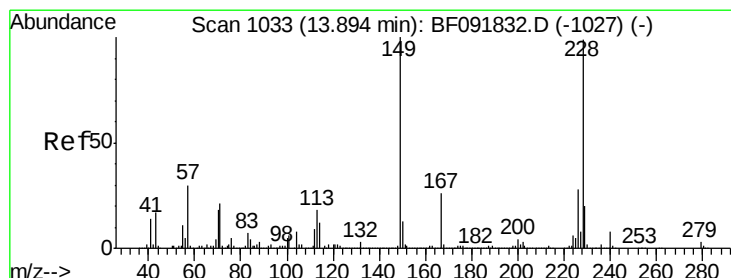
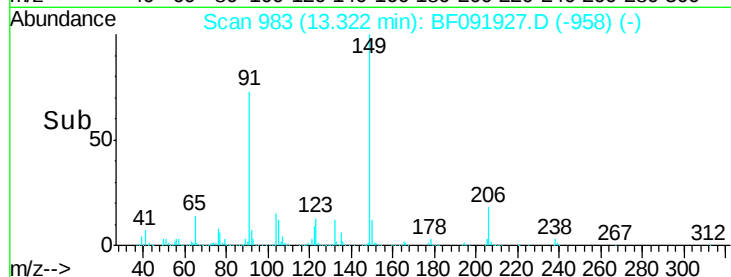
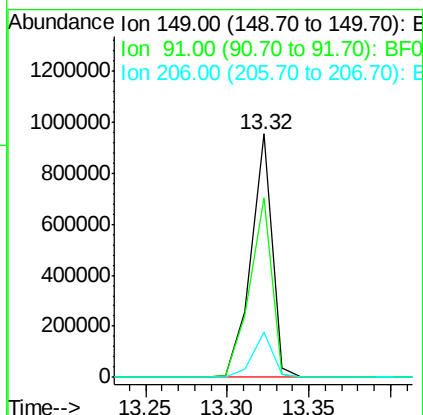
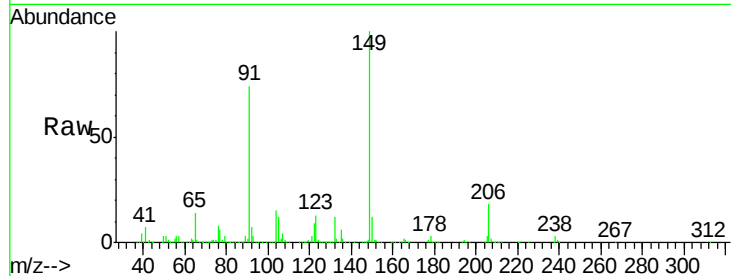




#79  
Butylbenzylphthalate  
Concen: 50.85 ng  
RT: 13.32 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

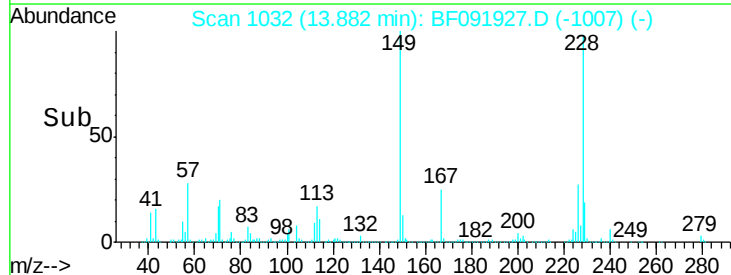
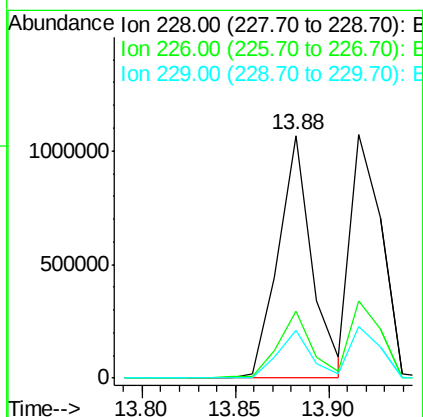
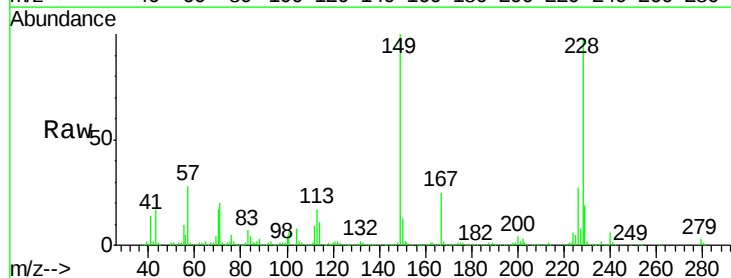
Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

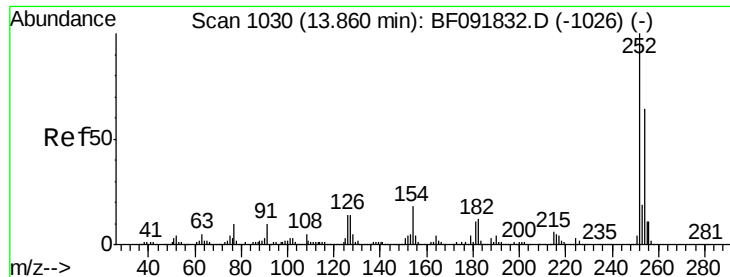
Tgt Ion:149 Resp: 861659  
Ion Ratio Lower Upper  
149 100  
91 73.5 63.9 95.9  
206 18.5 14.6 21.8



#80  
Benzo(a)anthracene  
Concen: 47.00 ng  
RT: 13.88 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:228 Resp: 1347359  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.4 33.6  
229 19.8 16.2 24.4

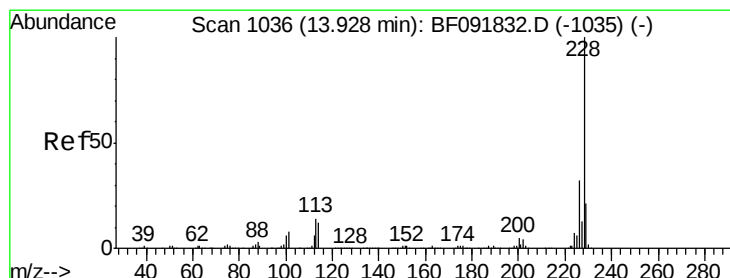
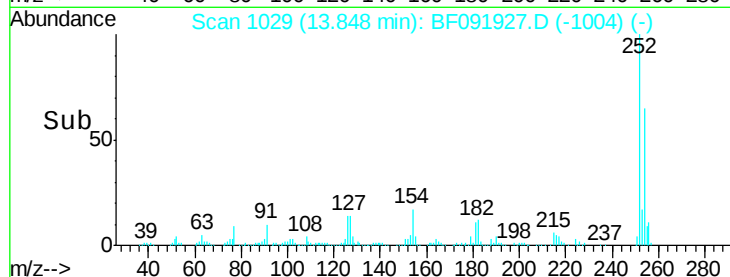
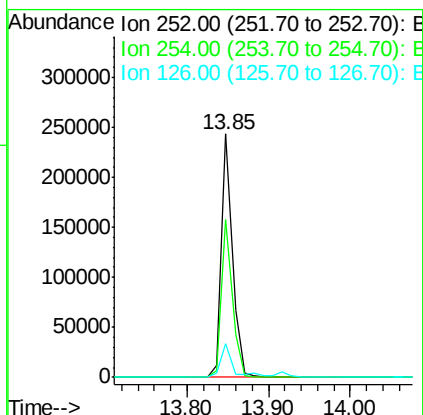
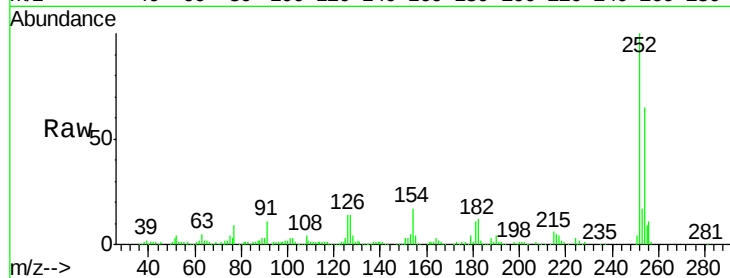




#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.90 ng  
 RT: 13.85 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

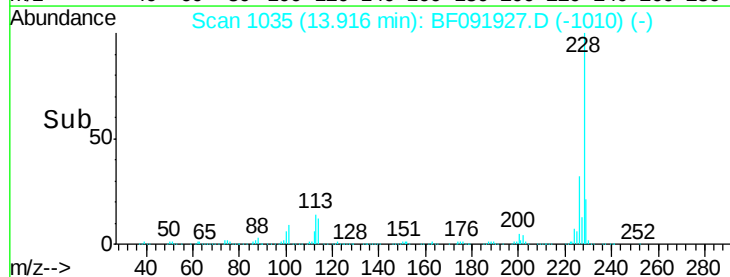
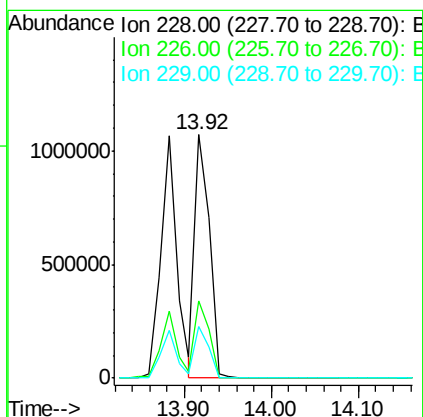
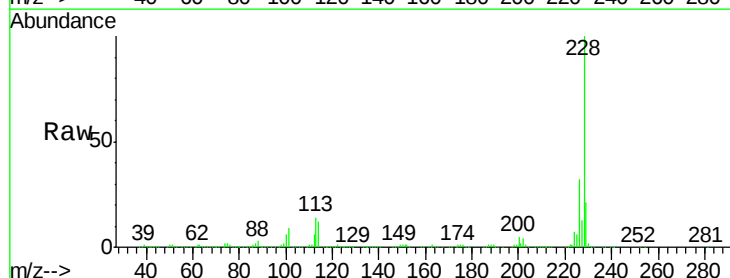
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

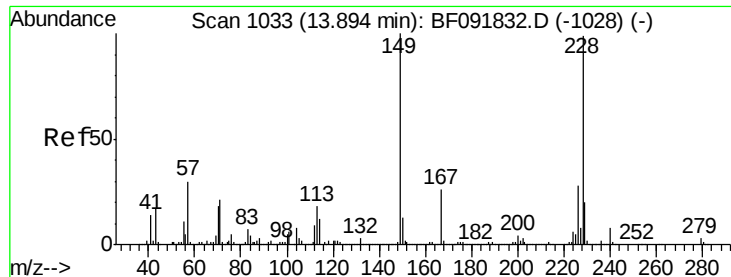
Tgt Ion: 252 Resp: 227138  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 52.3 78.5  
 126 13.8 13.6 20.4



#82  
 Chrysene  
 Concen: 43.25 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion: 228 Resp: 1243518  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 25.4 38.0  
 229 21.0 16.2 24.2

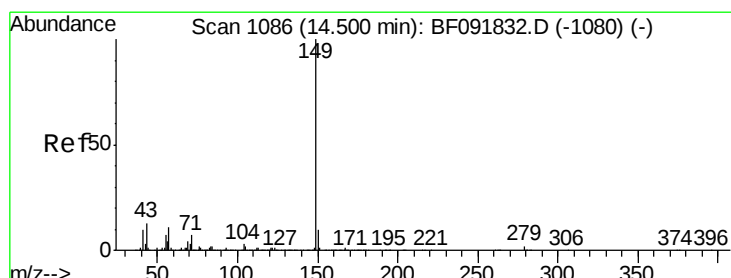
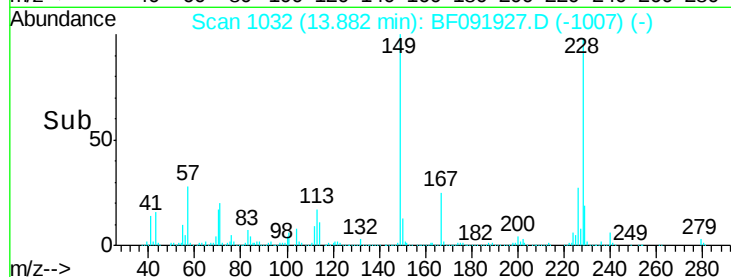
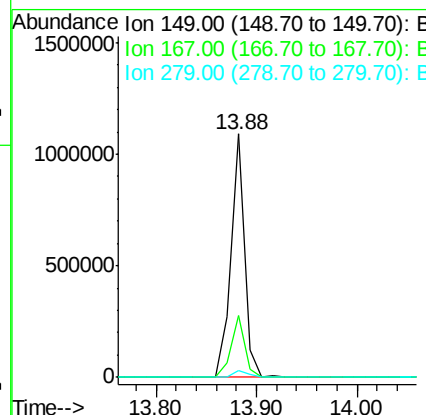
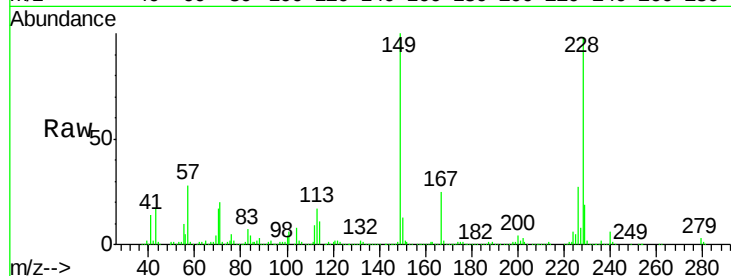




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 51.45 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

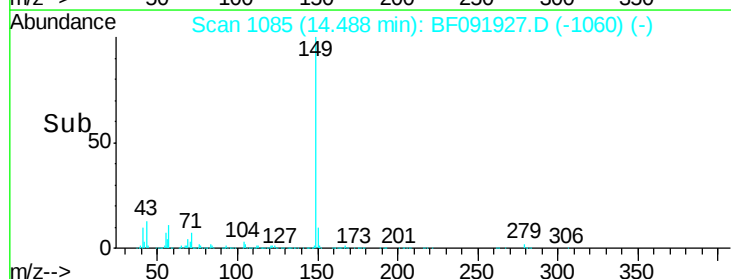
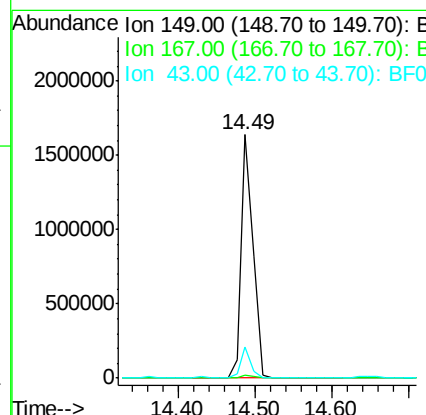
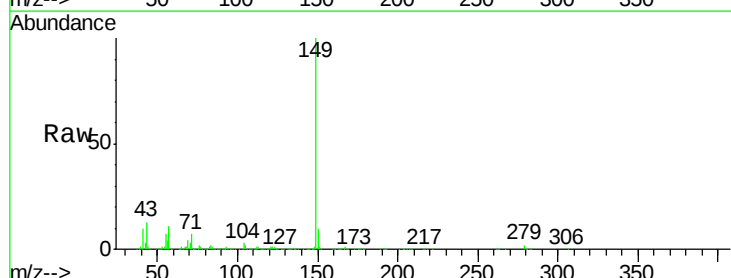
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

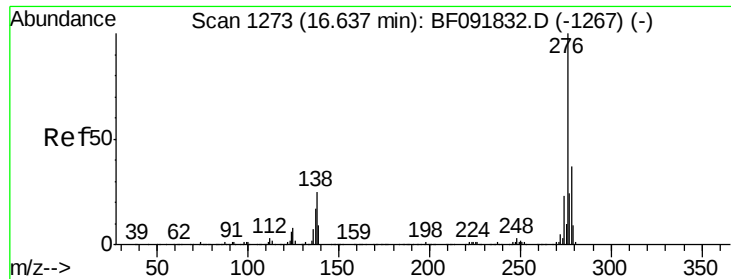
Tgt Ion:149 Resp: 1026793  
 Ion Ratio Lower Upper  
 149 100  
 167 25.5 20.2 30.4  
 279 2.8 1.8 2.8#



#84  
 Di-n-octyl phthalate  
 Concen: 48.65 ng  
 RT: 14.49 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:149 Resp: 1798460  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.3 1.9  
 43 10.9 8.9 13.3

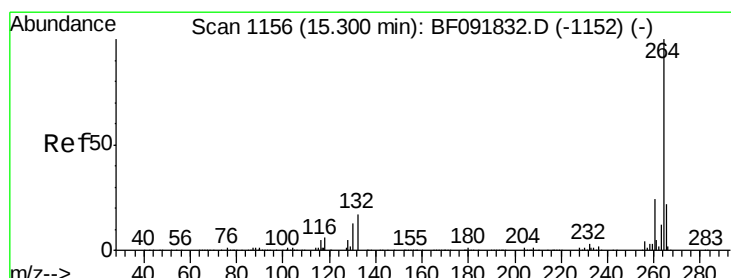
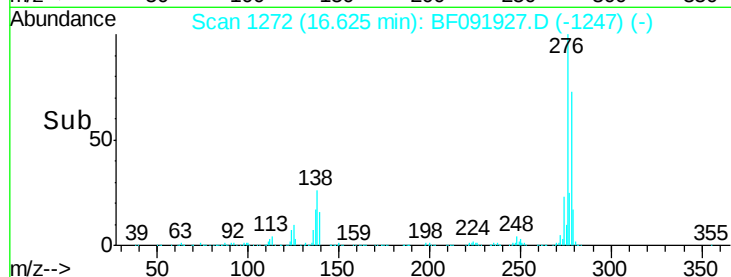
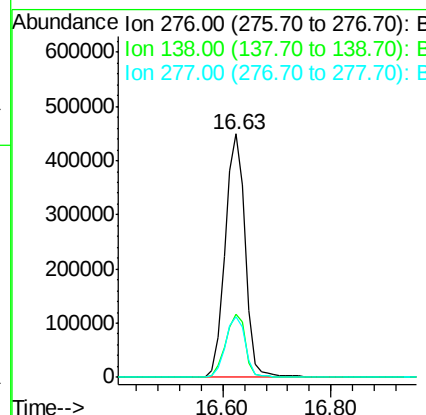
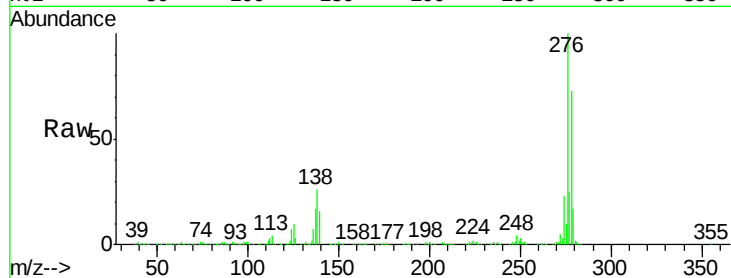




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.47 ng  
 RT: 16.63 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

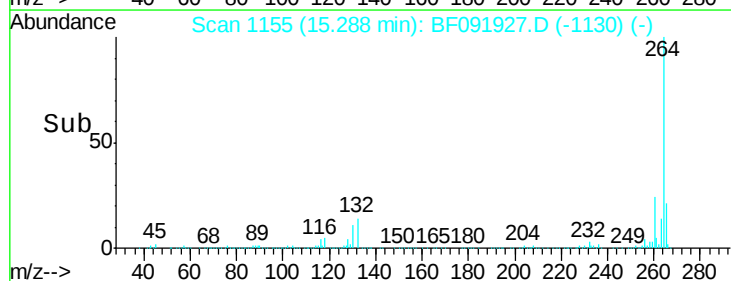
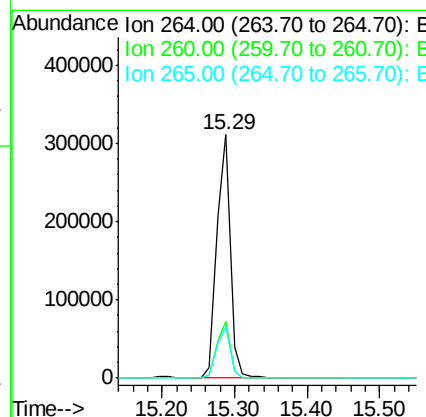
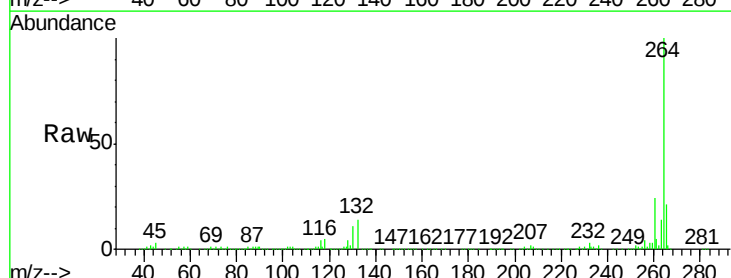
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-201612MSD

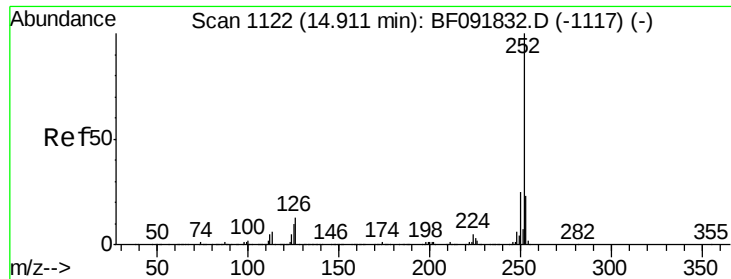
Tgt Ion:276 Resp: 1157692  
 Ion Ratio Lower Upper  
 276 100  
 138 26.0 21.8 32.6  
 277 25.0 20.2 30.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.29 min Scan# 1155  
 Delta R.T. -0.01 min  
 Lab File: BF091927.D  
 Acq: 23 Dec 2016 16:50

Tgt Ion:264 Resp: 403764  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.2 28.8  
 265 21.2 17.4 26.0

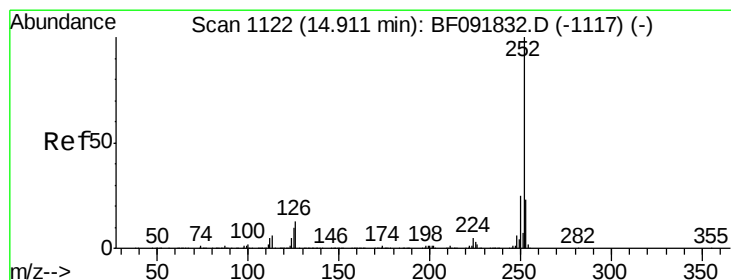
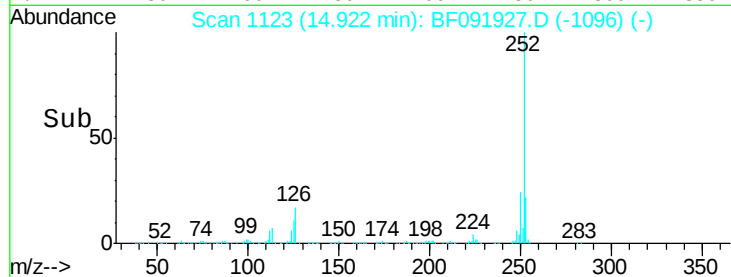
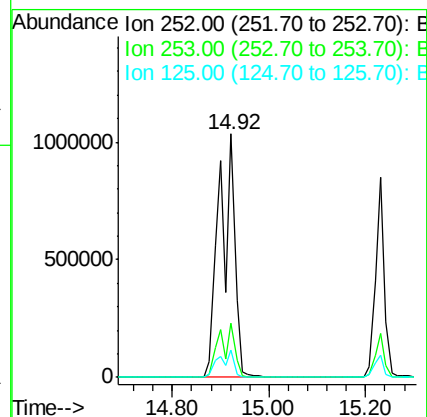
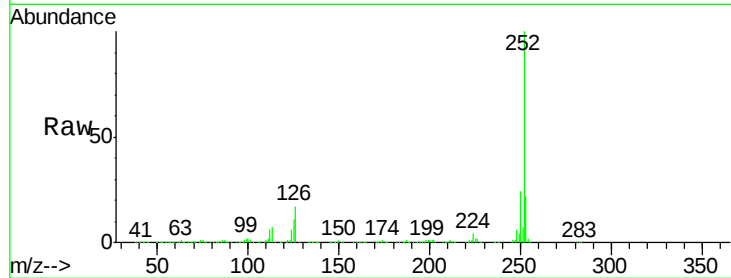




#87  
Benzo(b)fluoranthene  
Concen: 91.19 ng  
RT: 14.92 min Scan# 1123  
Delta R.T. 0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

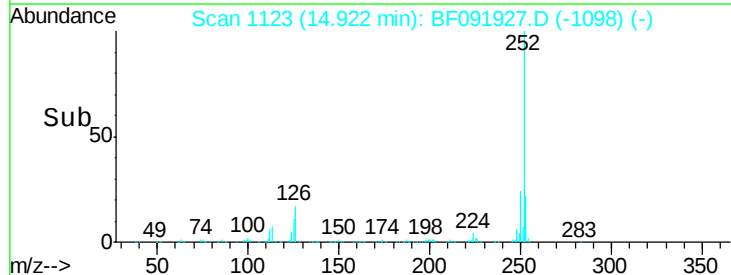
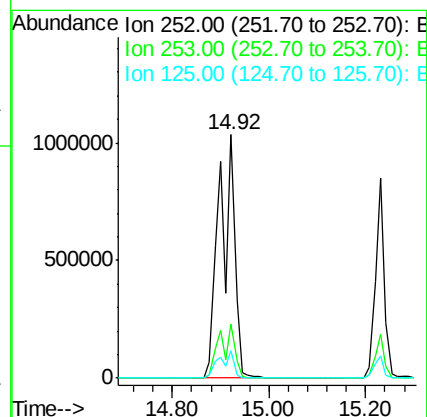
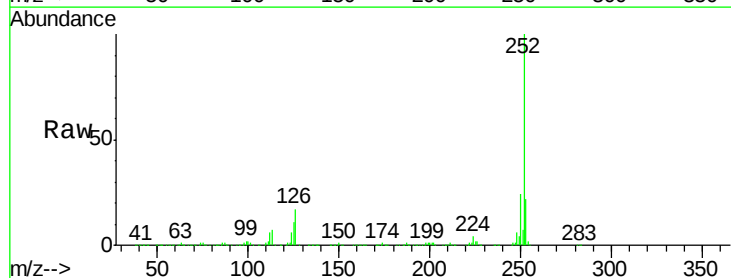
Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

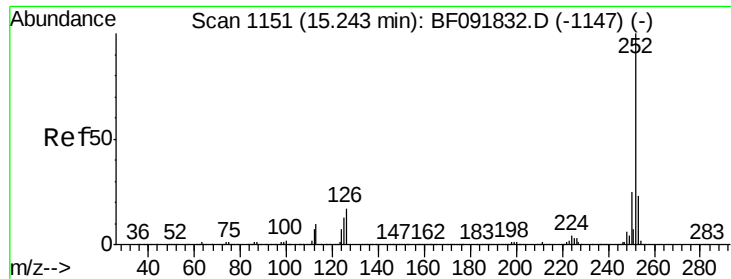
Tgt Ion:252 Resp: 2292359  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.4  
125 11.5 9.8 14.6



#88  
Benzo(k)fluoranthene  
Concen: 106.94 ng  
RT: 14.92 min Scan# 1123  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion:252 Resp: 2292359  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.5 27.7  
125 11.5 8.9 13.3

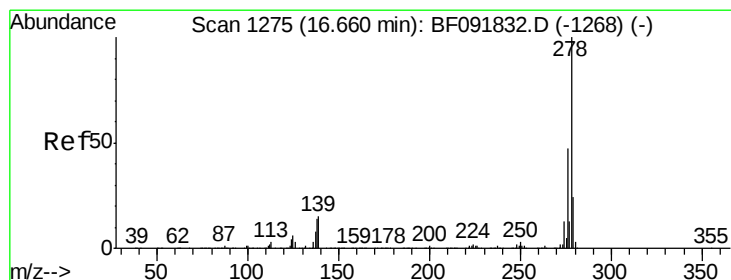
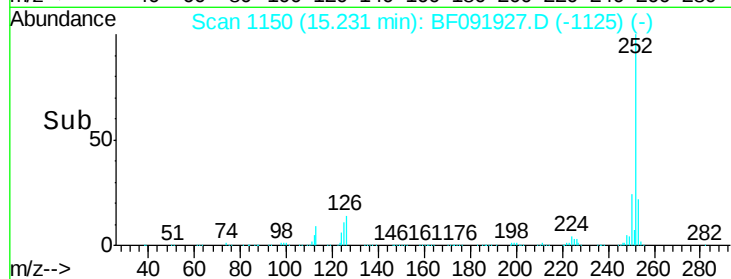
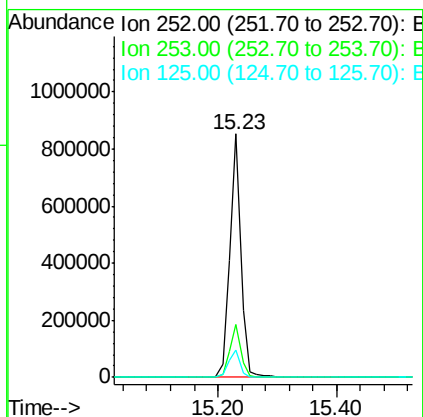
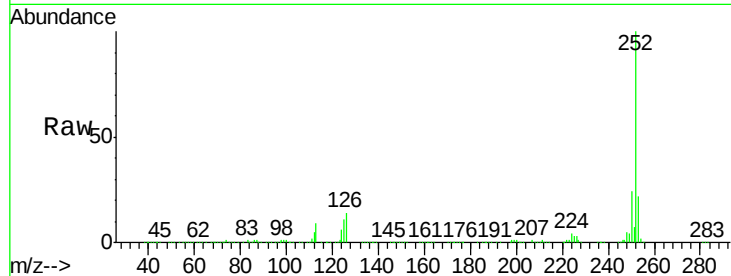




#89  
Benzo(a)pyrene  
Concen: 48.80 ng  
RT: 15.23 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

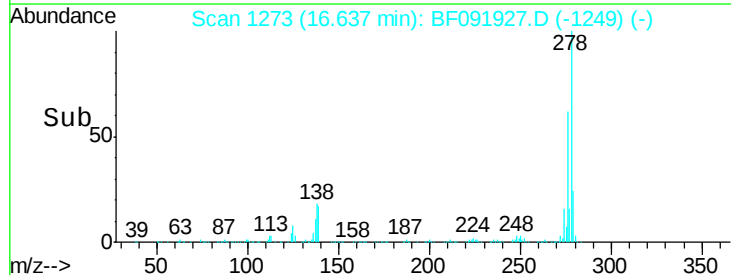
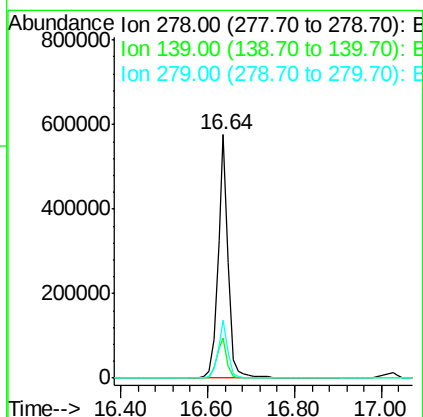
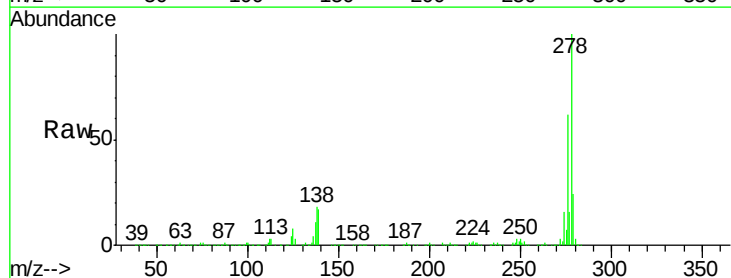
Instrument :  
BNA\_F  
ClientSampleId :  
WC-201612MSD

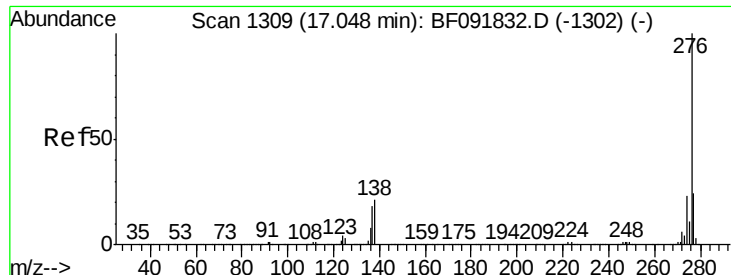
Tgt Ion: 252 Resp: 1088864  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.2  
125 11.2 10.0 15.0



#90  
Dibenzo(a,h)anthracene  
Concen: 52.14 ng  
RT: 16.64 min Scan# 1273  
Delta R.T. -0.02 min  
Lab File: BF091927.D  
Acq: 23 Dec 2016 16:50

Tgt Ion: 278 Resp: 956164  
Ion Ratio Lower Upper  
278 100  
139 16.6 14.8 22.2  
279 24.0 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 52.66 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091927.D

Acq: 23 Dec 2016 16:50

Instrument :

BNA\_F

ClientSampleId :

WC-201612MSD

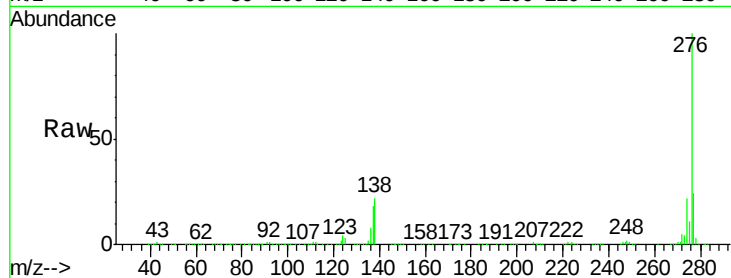
Tgt Ion: 276 Resp: 1004237

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.5 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

