

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\  
 Data File : BF101696.D  
 Acq On : 23 Dec 2017 11:44  
 Operator : SJ/JU  
 Sample : I6843-03  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-04-02

Quant Time: Dec 24 22:35:55 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 22 16:07:58 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 164268   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 627198   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.82  | 164  | 276102   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 454578   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.96 | 240  | 309948   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.43 | 264  | 294456   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 1313873 | 119.14 | ng | 0.02 |
| 7) Phenol-d6             | 6.44  | 99  | 1478555 | 107.73 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 1024859 | 90.96  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 334897  | 125.88 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.15  | 172 | 1601457 | 89.98  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.90 | 244 | 1315238 | 102.30 | ng | 0.00 |

## Target Compounds

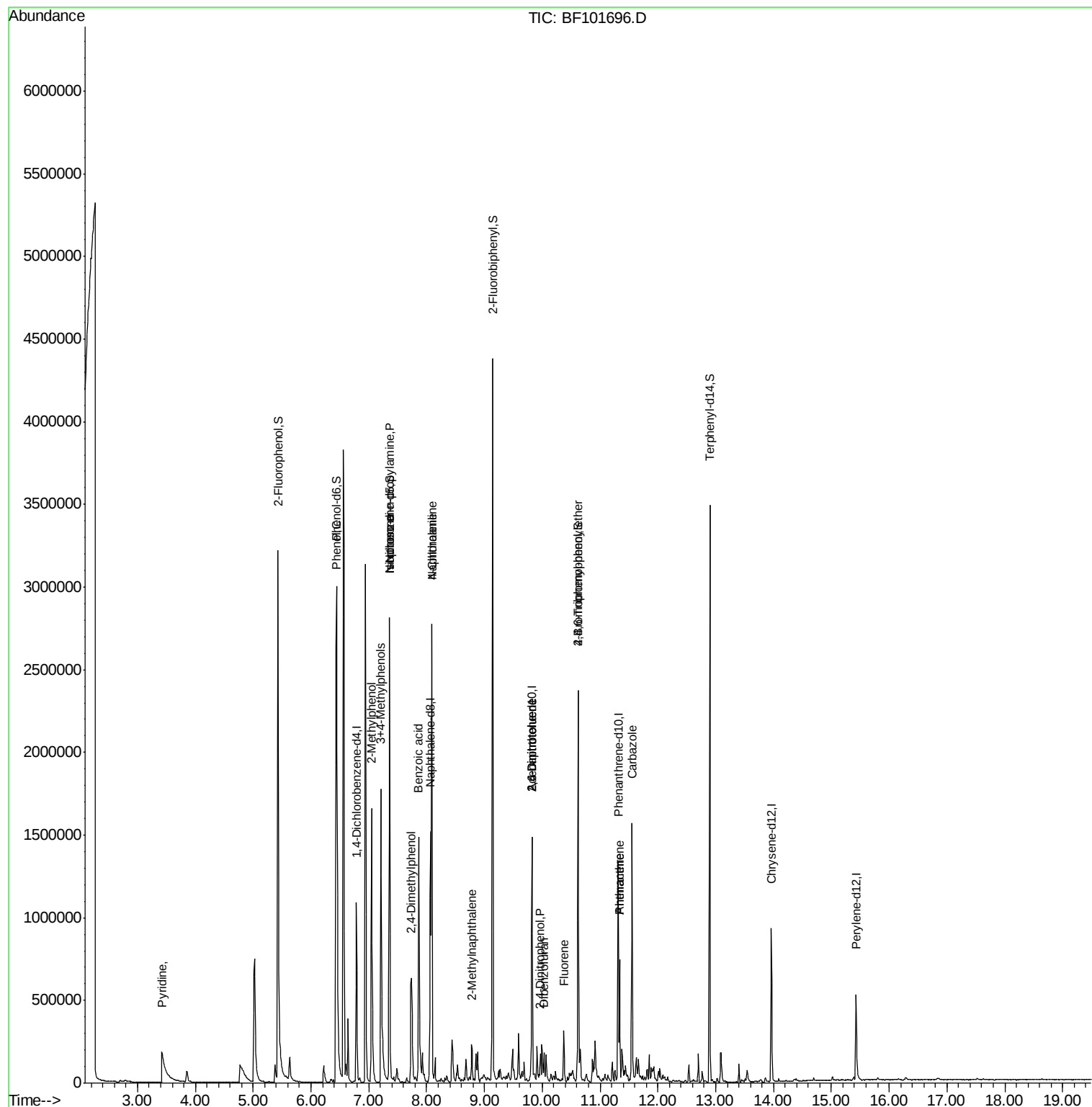
|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 3) Pyridine                    | 3.42  | 79  | 220399  | 13.999 | ng | 97     |
| 10) Phenol                     | 6.45  | 94  | 554531  | 35.450 | ng | 98     |
| 17) 2-Methylphenol             | 7.05  | 107 | 247304  | 23.176 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.36  | 70  | 139222  | 15.446 | ng | # 79   |
| 20) 3+4-Methylphenols          | 7.21  | 107 | 577318  | 51.055 | ng | 86     |
| 25) Isophorone                 | 7.36  | 82  | 1024844 | 45.342 | ng | # 64   |
| 27) 2,4-Dimethylphenol         | 7.73  | 122 | 231814  | 25.470 | ng | 97     |
| 31) Naphthalene                | 8.09  | 128 | 1318972 | 41.772 | ng | 100    |
| 32) Benzoic acid               | 7.86  | 122 | 380507  | 59.718 | ng | # 14   |
| 33) 4-Chloroaniline            | 8.09  | 127 | 175068  | 12.757 | ng | # 34   |
| 37) 2-Methylnaphthalene        | 8.78  | 142 | 62597   | 3.043  | ng | 99     |
| 50) 2,6-Dinitrotoluene         | 9.82  | 165 | 36010   | 7.978  | ng | # 26   |
| 53) 2,4-Dinitrophenol          | 9.97  | 184 | 729     | 10.724 | ng | # 1    |
| 54) Dibenzofuran               | 10.03 | 168 | 59739   | 2.644  | ng | 98     |
| 56) 2,4-Dinitrotoluene         | 9.82  | 165 | 36010   | 7.081  | ng | # 24   |
| 57) Fluorene                   | 10.37 | 166 | 90126   | 4.715  | ng | 99     |
| 66) 4-Bromophenyl-phenylether  | 10.62 | 248 | 20487   | 4.011  | ng | # 1    |
| 70) Phenanthrene               | 11.34 | 178 | 268883  | 10.636 | ng | 98     |
| 71) Anthracene                 | 11.34 | 178 | 268883  | 10.413 | ng | 99     |
| 72) Carbazole                  | 11.55 | 167 | 595510  | 24.632 | ng | 99     |

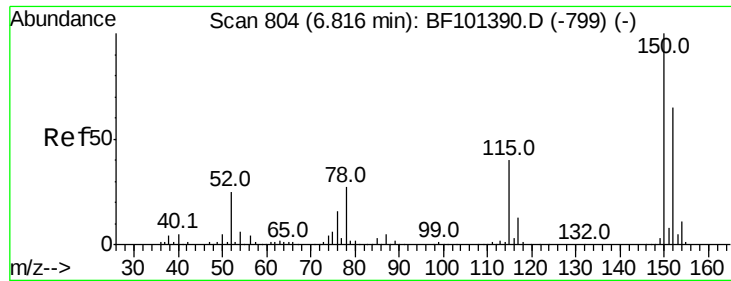
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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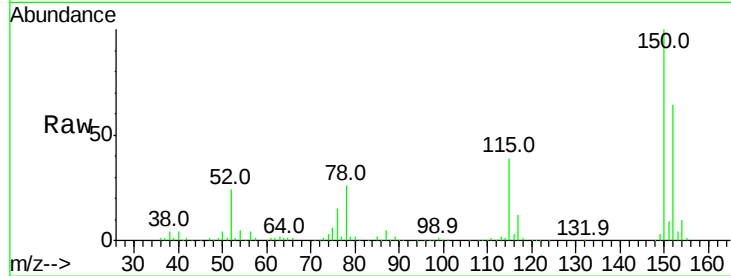


#1

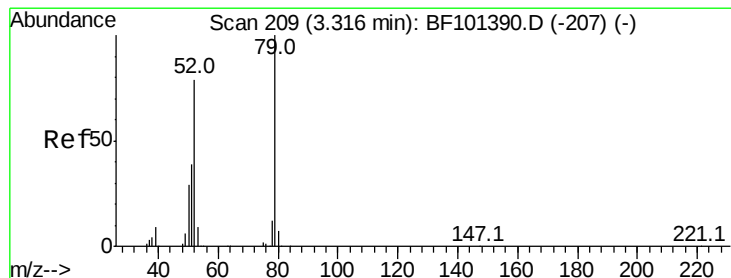
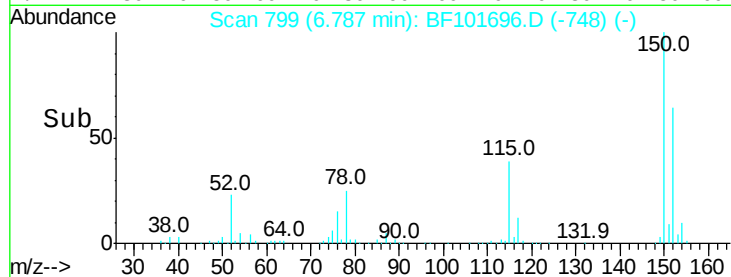
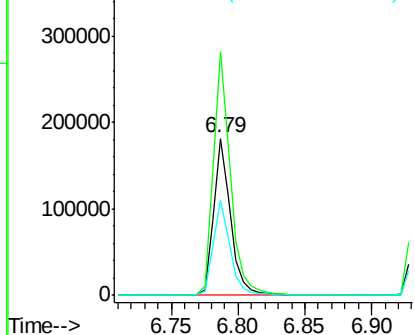
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.79 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-04-02

Tot Ion:152 Resp: 164268  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 124.6 186.8  
 115 60.6 50.1 75.1



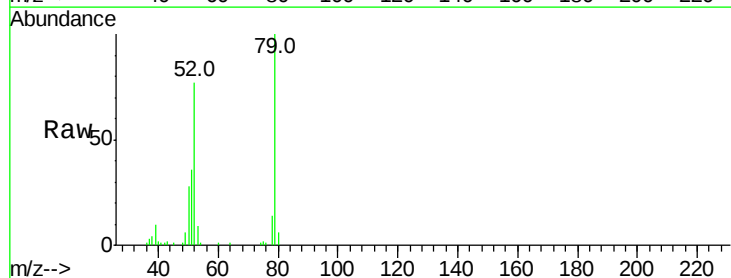
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



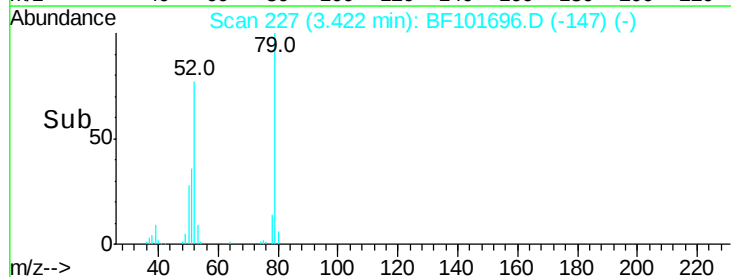
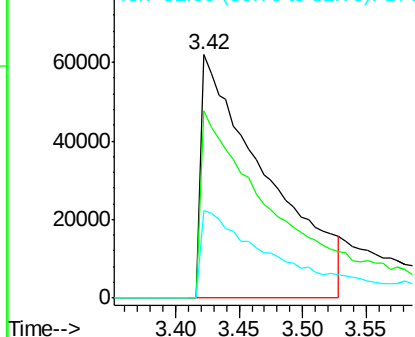
#3

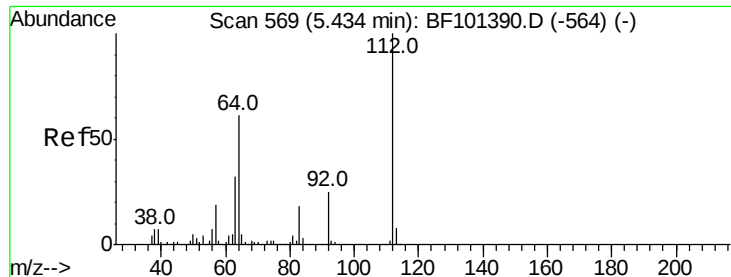
Pyridine  
 Concen: 13.999 ng  
 RT: 3.42 min Scan# 227  
 Delta R.T. 0.17 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

Tgt Ion: 79 Resp: 220399  
 Ion Ratio Lower Upper  
 79 100  
 52 77.1 59.8 89.6  
 51 35.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1  
 Ion 52.00 (51.70 to 52.70): BF1  
 Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 119.142 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

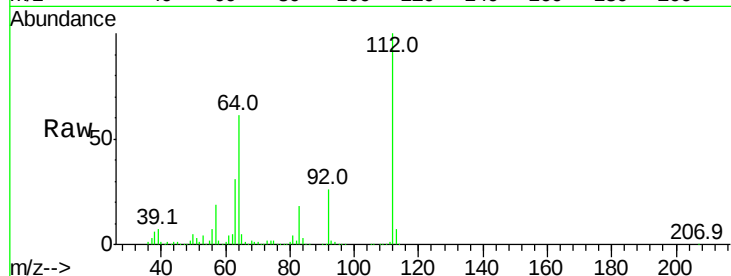
Tot Ion:112 Resp: 1313873

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

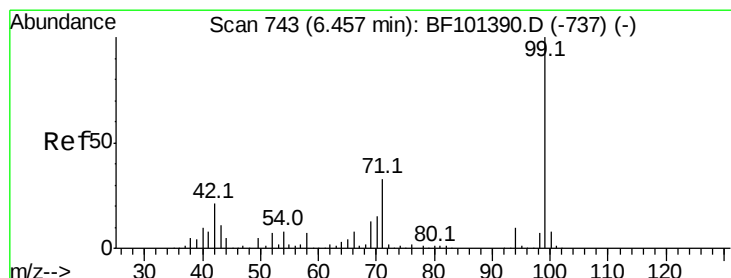
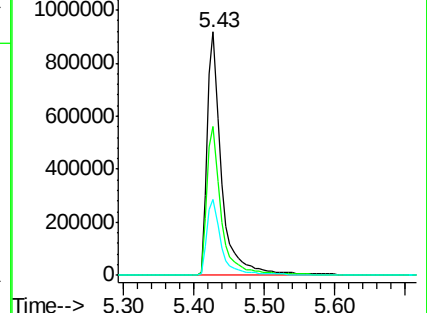
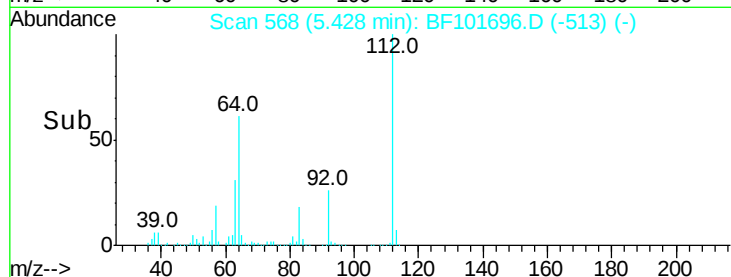
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 107.731 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

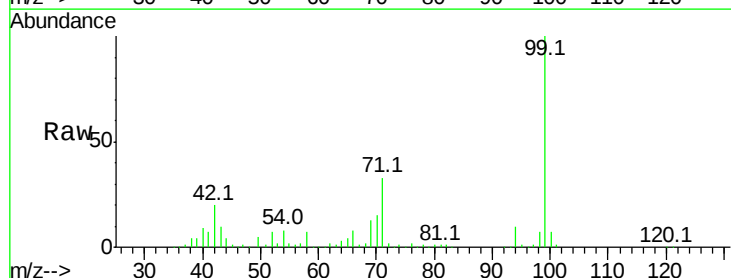
Tgt Ion: 99 Resp: 1478555

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

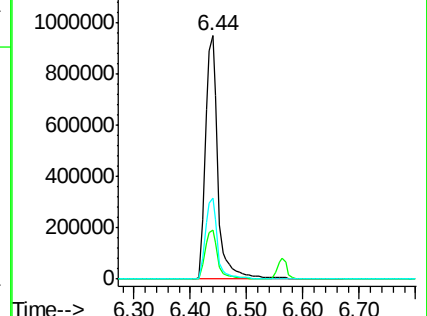
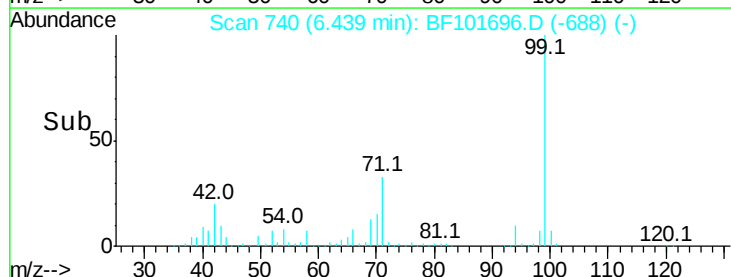
71 33.0 25.4 38.0

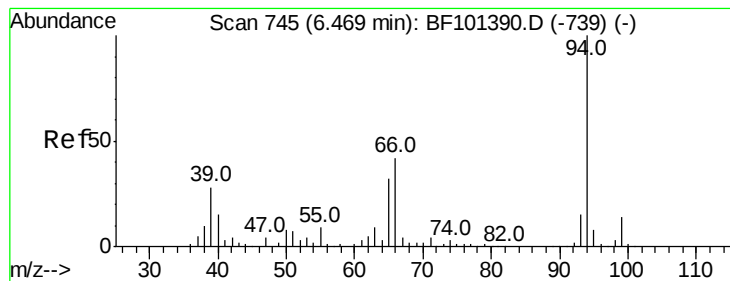


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 35.450 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

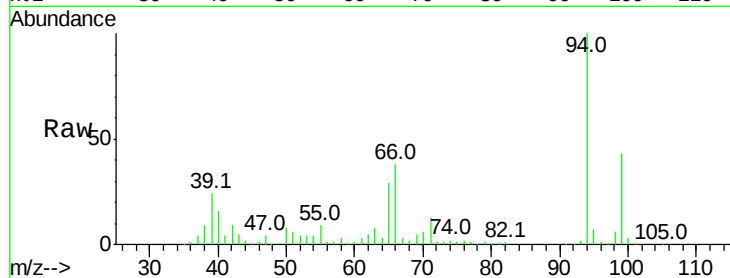
Tot Ion: 94 Resp: 554531

Ion Ratio Lower Upper

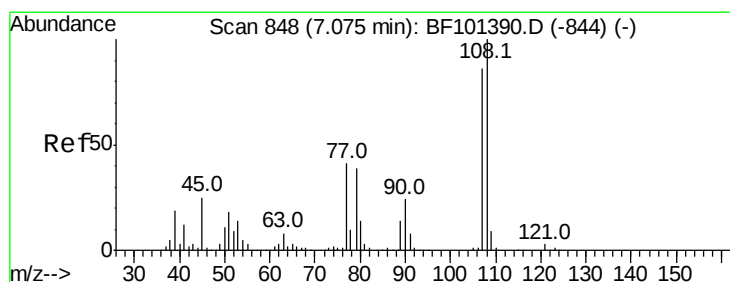
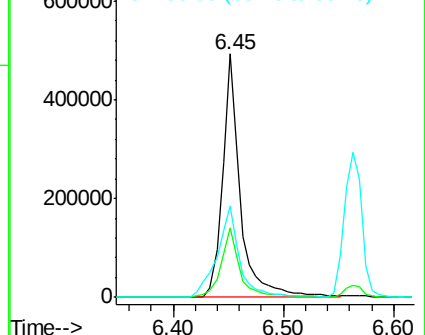
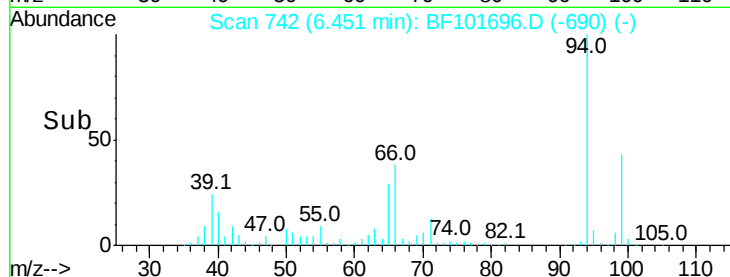
94 100

65 28.6 7.9 47.9

66 37.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1



#17

2-Methylphenol

Concen: 23.176 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Tgt Ion:107 Resp: 247304

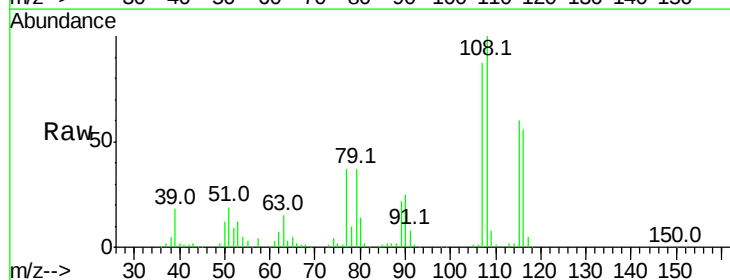
Ion Ratio Lower Upper

107 100

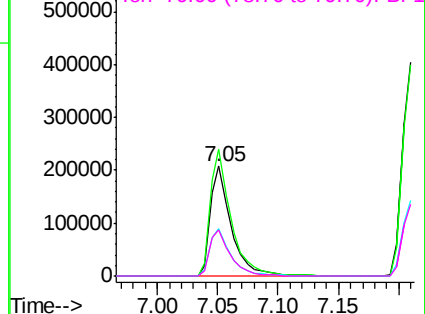
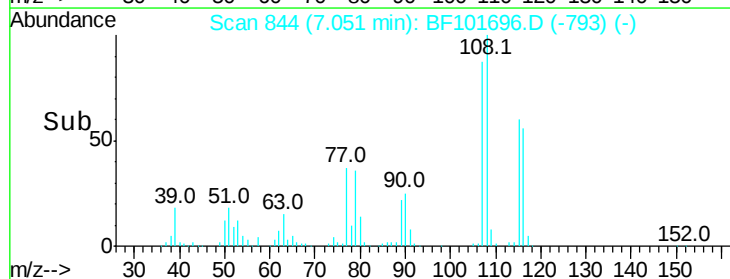
108 114.9 91.7 137.5

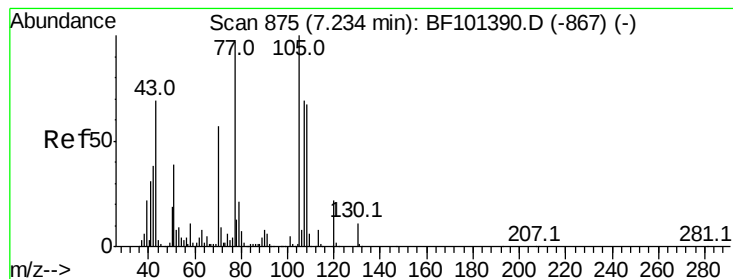
77 42.9 33.8 50.8

79 42.1 33.8 50.8



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.446 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampled :

WC-04-02

Tot Ion: 70 Resp: 139222

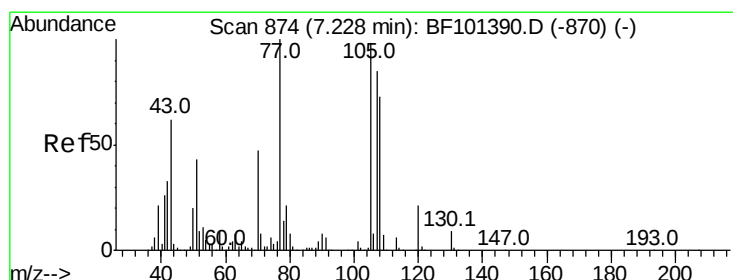
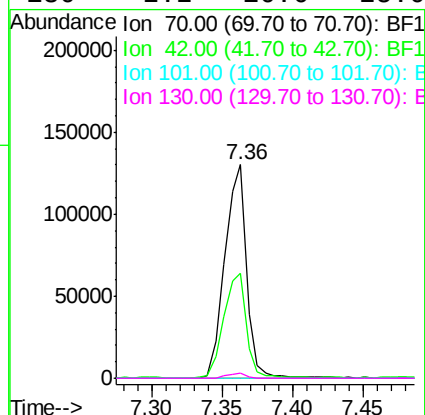
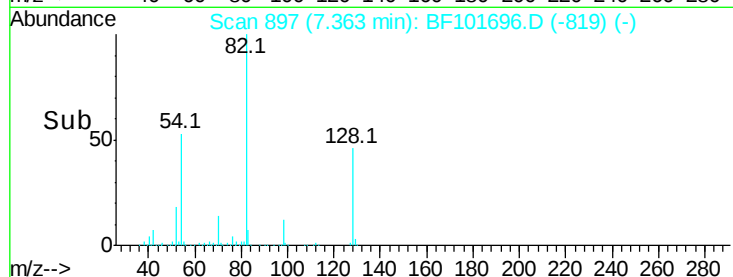
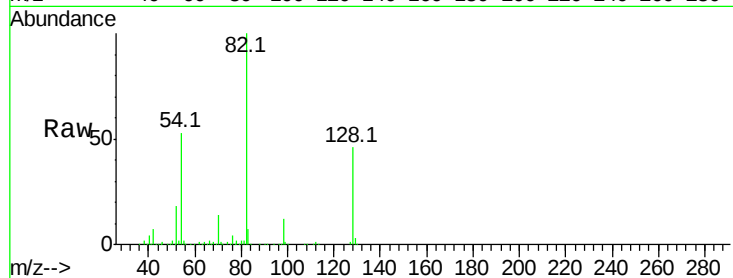
Ion Ratio Lower Upper

70 100

42 49.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#20

3+4-Methylphenols

Concen: 51.055 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Tgt Ion:107 Resp: 577318

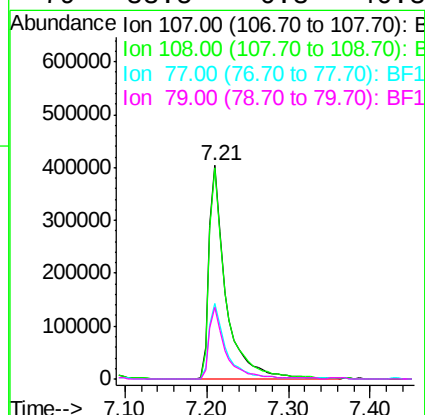
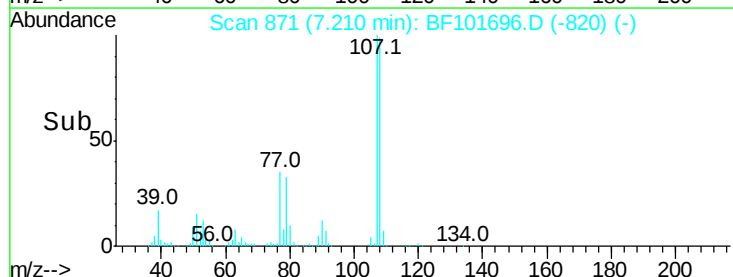
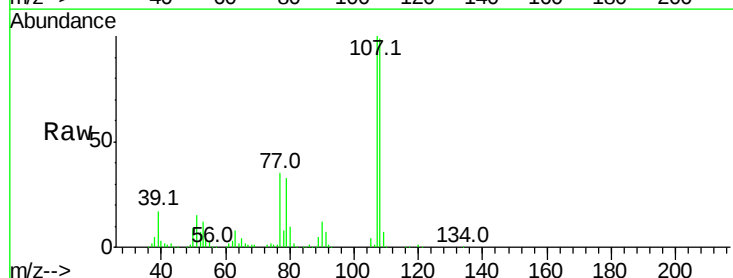
Ion Ratio Lower Upper

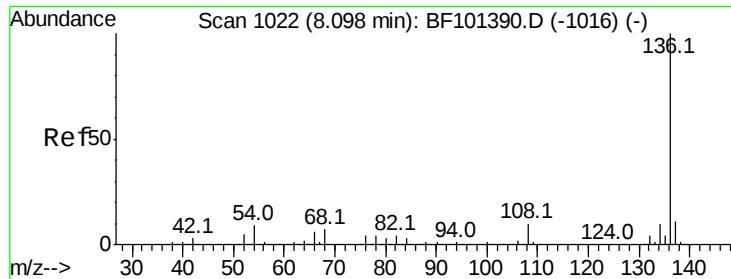
107 100

108 98.9 68.2 108.2

77 35.1 26.7 66.7

79 33.5 6.3 46.3

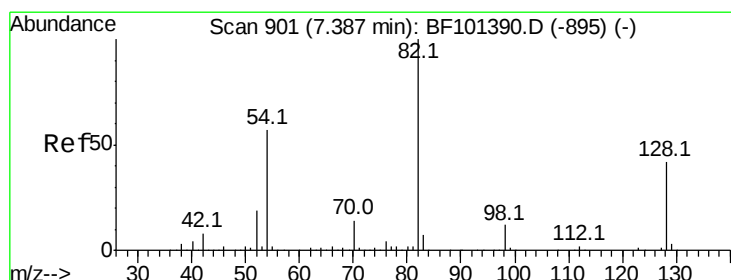
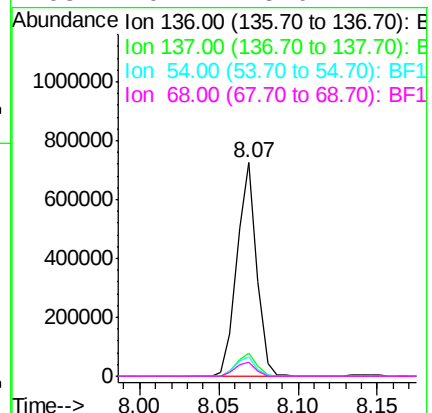
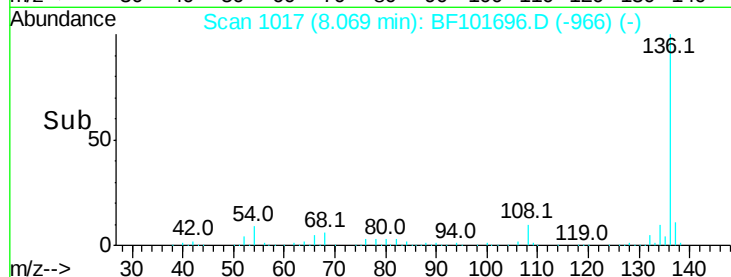
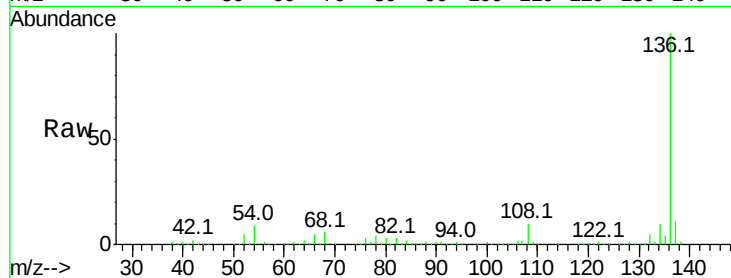




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BF101696.D  
Acq: 23 Dec 2017 11:44

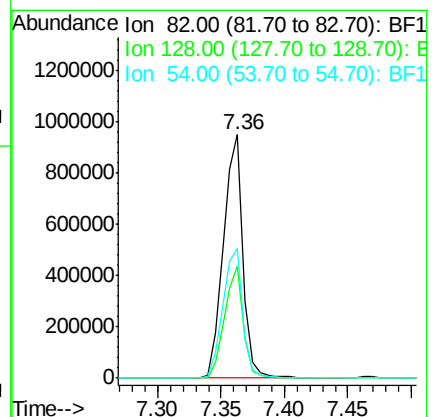
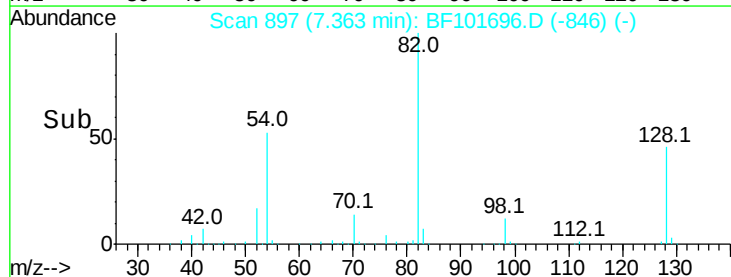
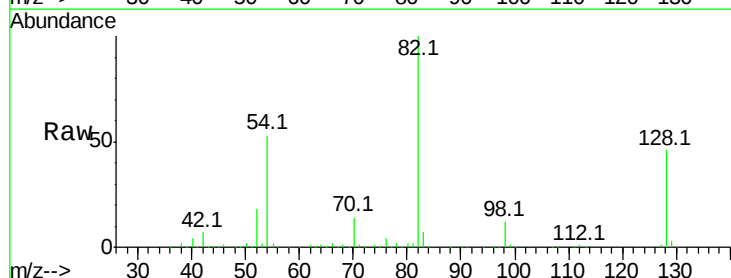
Instrument :  
BNA\_F  
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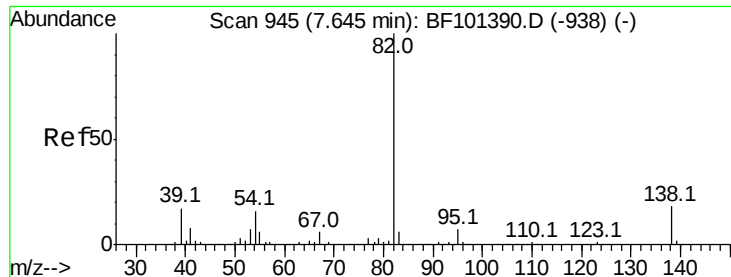
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 627198 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.9   | 13.3   |
| 54       | 9.1   | 6.6   | 9.8    |
| 68       | 6.4   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 90.959 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.00 min  
Lab File: BF101696.D  
Acq: 23 Dec 2017 11:44

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1024859 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 45.7  | 36.1  | 54.1    |
| 54       | 53.4  | 41.4  | 62.2    |





#25

Isophorone

Concen: 45.342 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

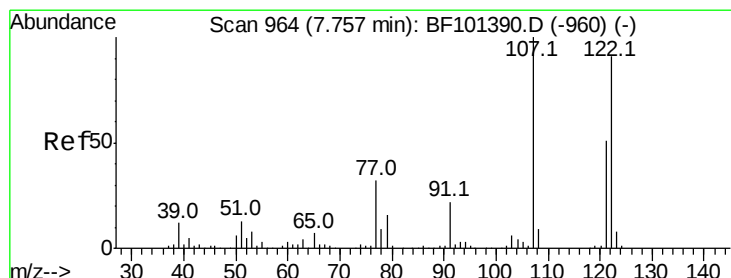
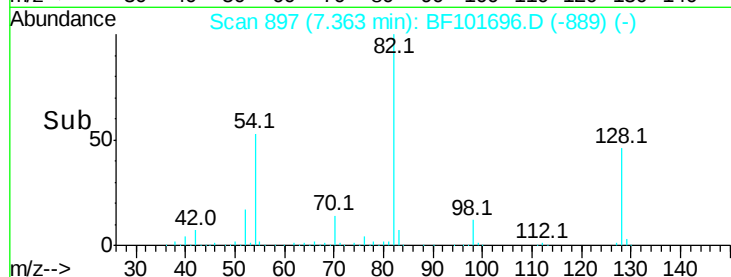
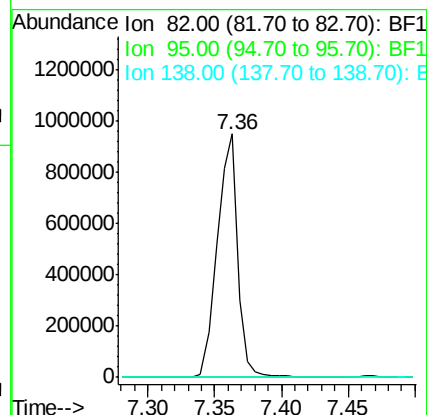
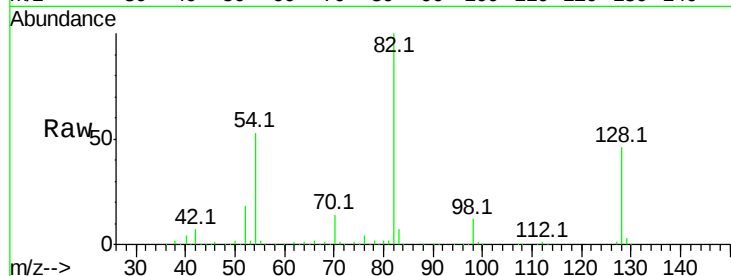
Tot Ion: 82 Resp: 1024844

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 25.470 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

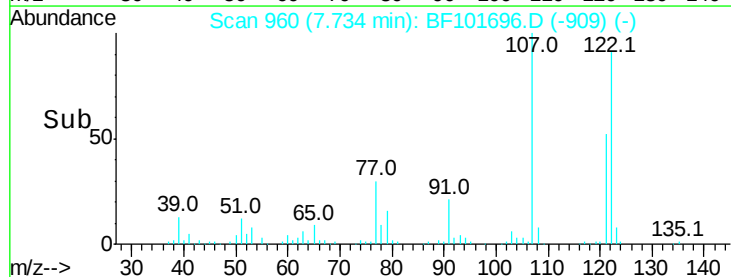
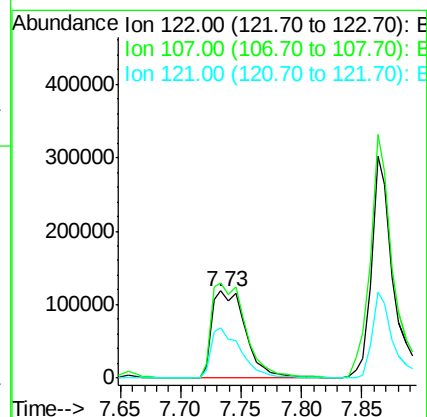
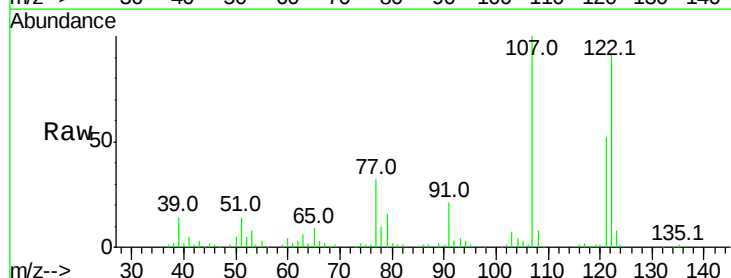
Tgt Ion:122 Resp: 231814

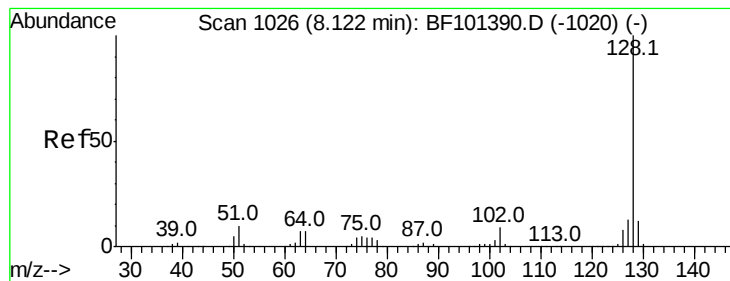
Ion Ratio Lower Upper

122 100

107 110.1 91.2 136.8

121 57.4 47.2 70.8





#31

Naphthalene

Concen: 41.772 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

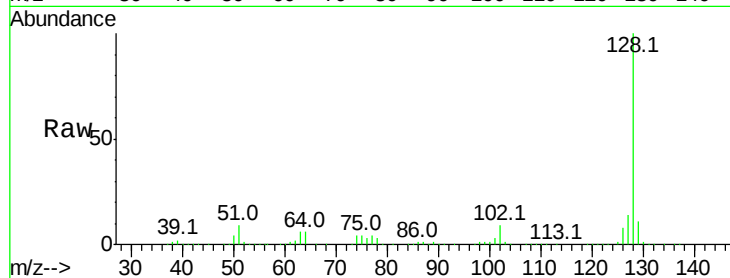
Tot Ion:128 Resp: 1318972

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

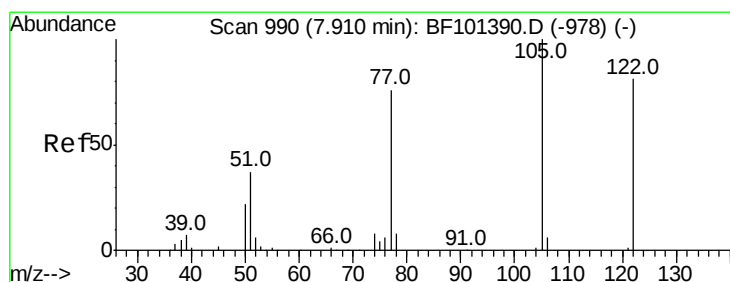
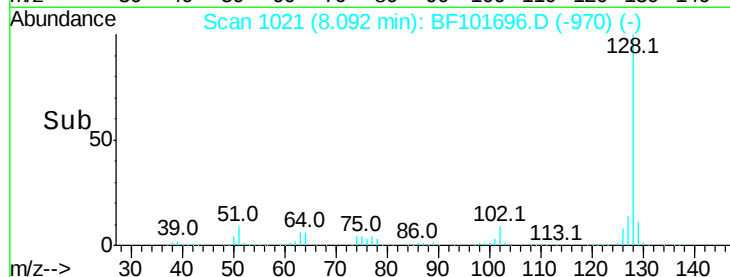
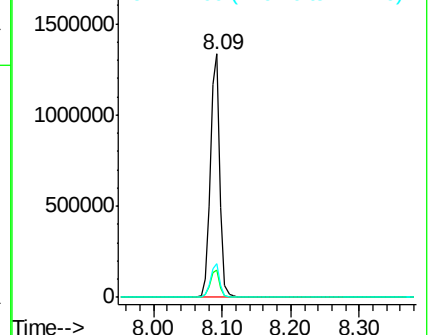
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.718 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.03 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

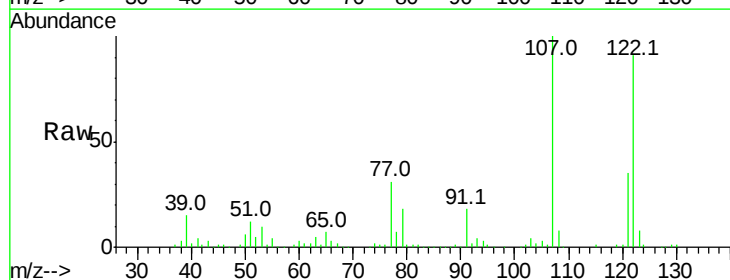
Tgt Ion:122 Resp: 380507

Ion Ratio Lower Upper

122 100

105 3.3 101.1 141.1#

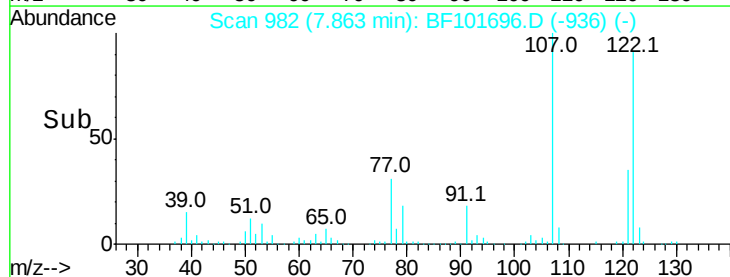
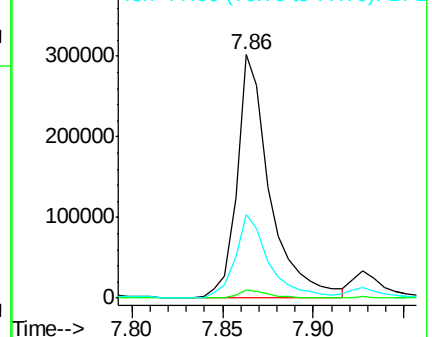
77 34.5 70.7 110.7#

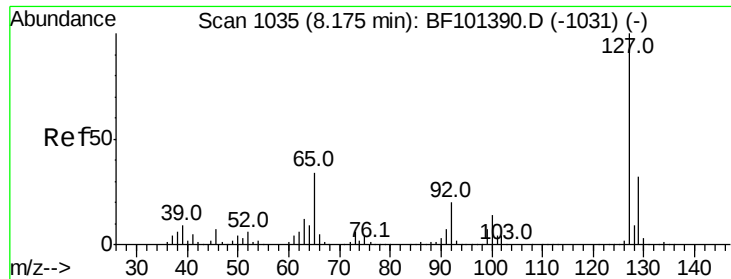


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

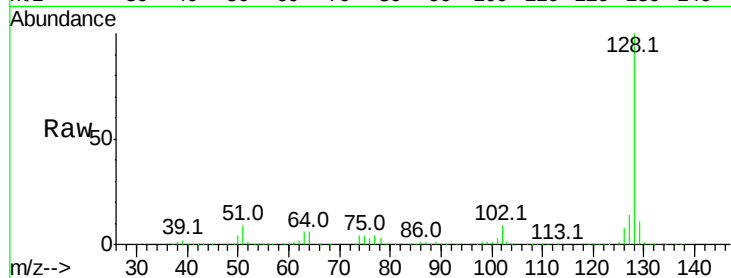




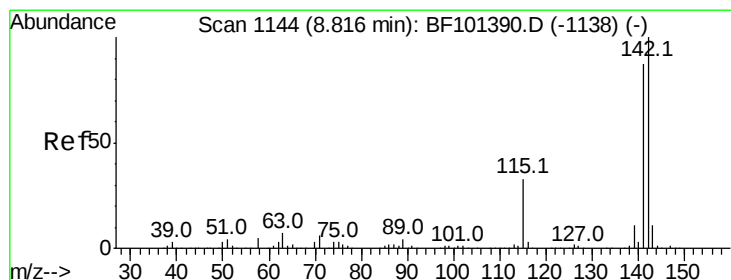
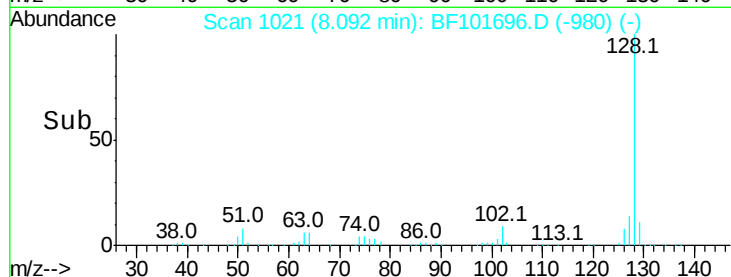
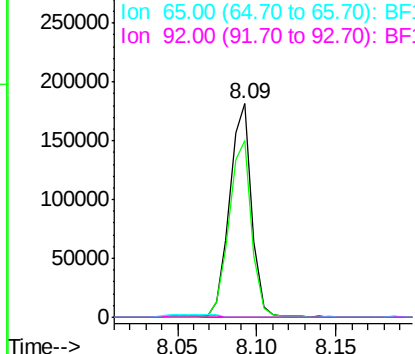
#33  
4-Chloroaniline  
Concen: 12.757 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.06 min  
Lab File: BF101696.D  
Acq: 23 Dec 2017 11:44

Instrument :  
BNA\_F  
ClientSampleId :  
WC-04-02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 175068 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 82.5  | 25.9  | 38.9#  |
| 65       | 0.0   | 25.0  | 37.4#  |
| 92       | 0.0   | 15.2  | 22.8#  |

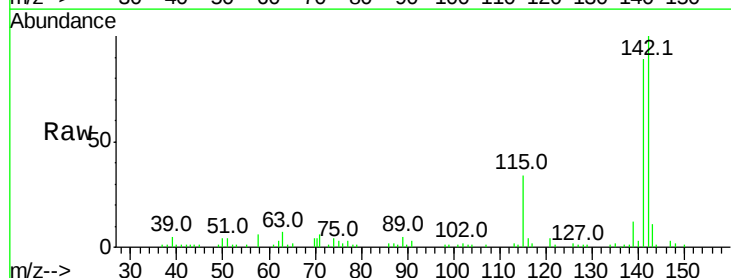


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

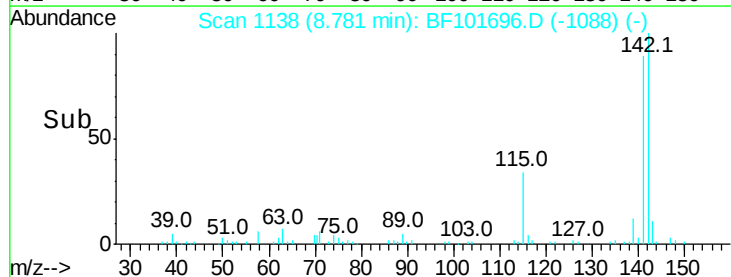
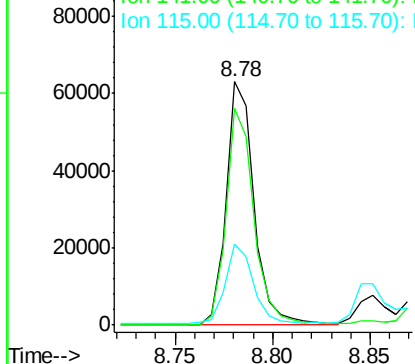


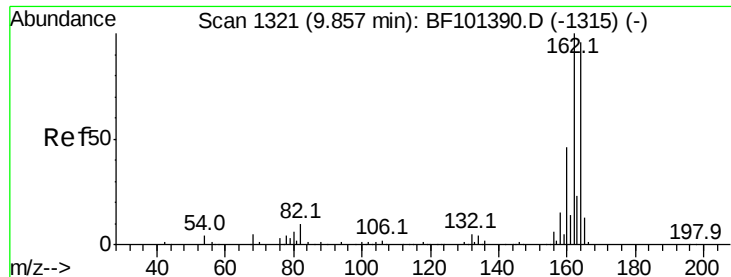
#37  
2-Methylnaphthalene  
Concen: 3.043 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: BF101696.D  
Acq: 23 Dec 2017 11:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 62597 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 141      | 89.2  | 70.8  | 106.2 |
| 115      | 33.6  | 26.1  | 39.1  |



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

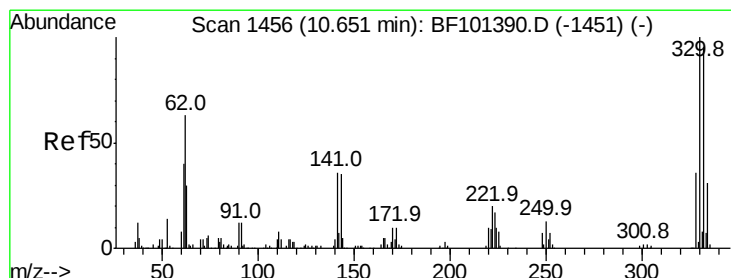
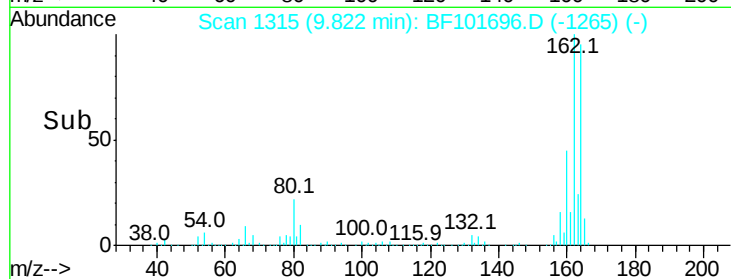
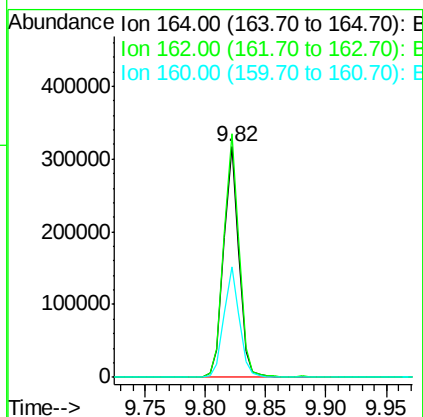
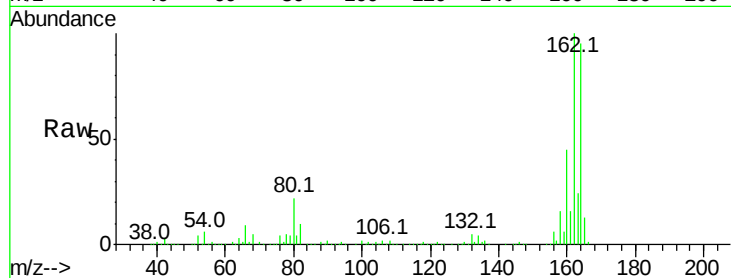




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

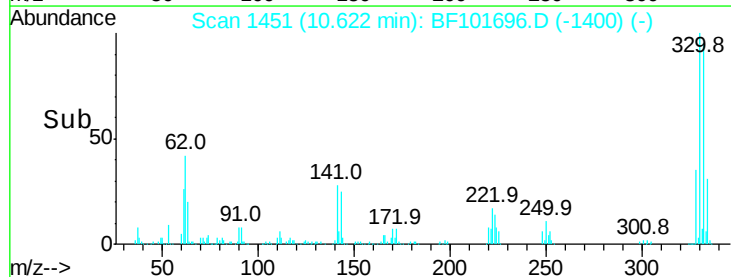
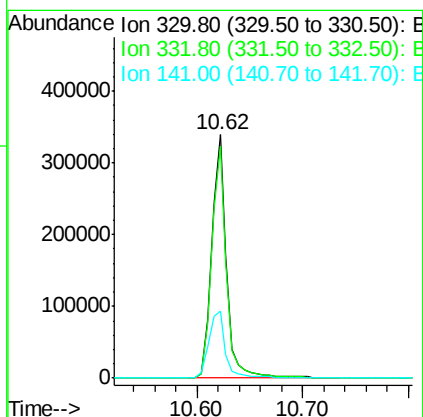
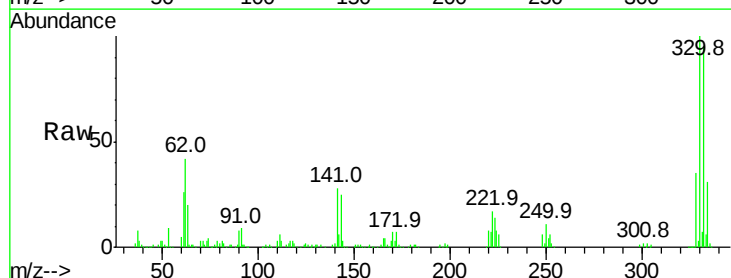
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-04-02

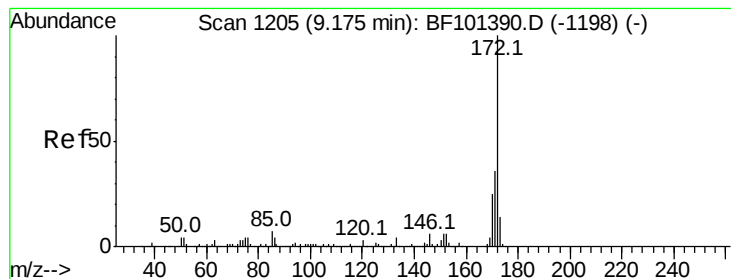
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.6 | 86.1  | 129.1 |
| 160     | 47.9  | 38.3  | 57.5  |



#41  
 2,4,6-Tribromophenol  
 Concen: 125.879 ng  
 RT: 10.62 min Scan# 1451  
 Delta R.T. 0.00 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.0  | 115.6 |
| 141     | 31.7  | 29.9  | 44.9  |





#44

2-Fluorobiphenyl

Concen: 89.976 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

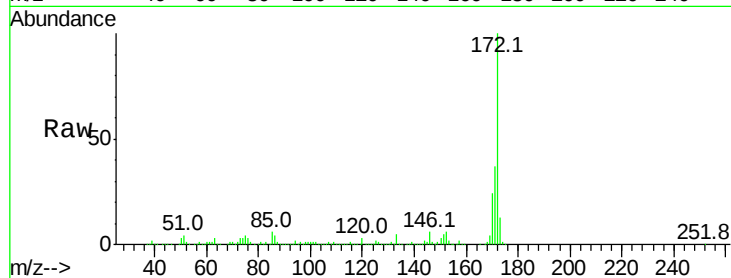
Tot Ion:172 Resp: 1601457

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

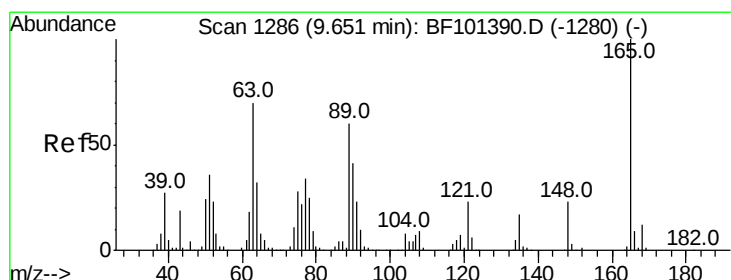
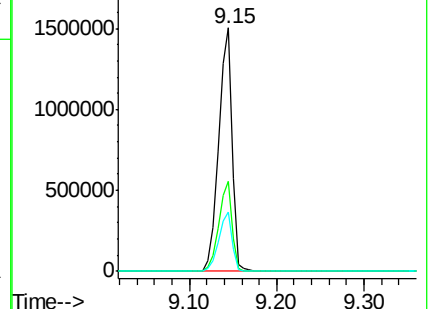
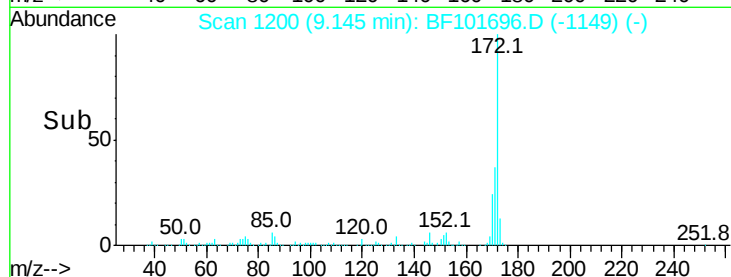
170 24.4 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.978 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.19 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

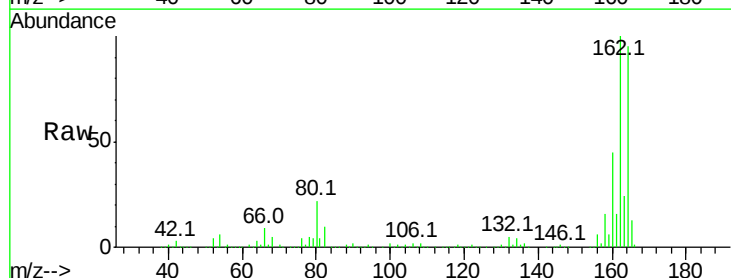
Tgt Ion:165 Resp: 36010

Ion Ratio Lower Upper

165 100

63 2.0 44.7 67.1#

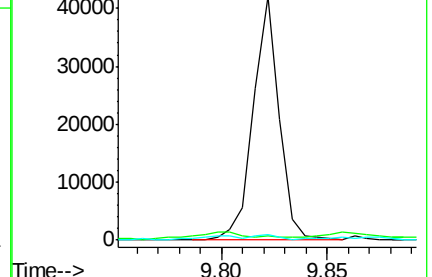
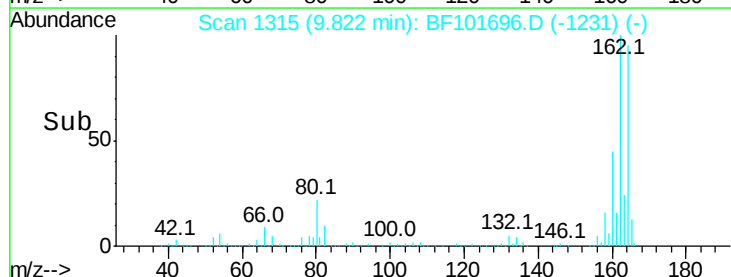
89 2.1 44.0 66.0#

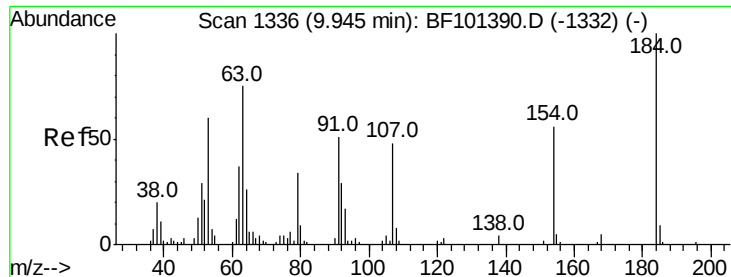


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

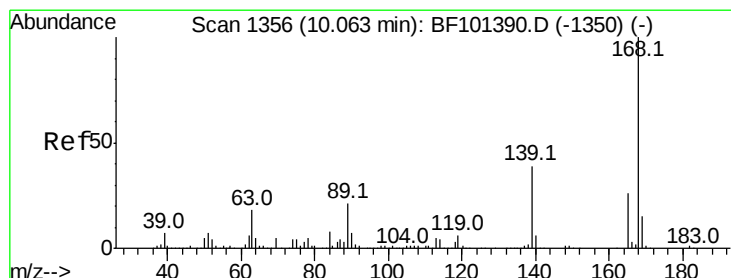
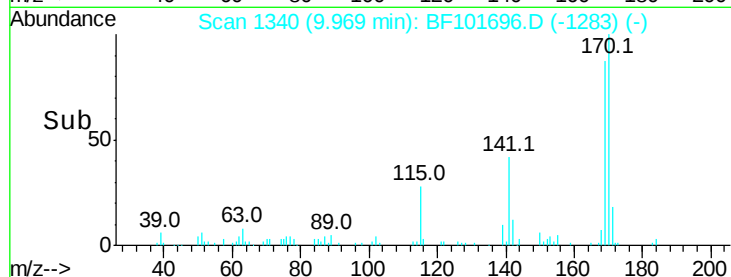
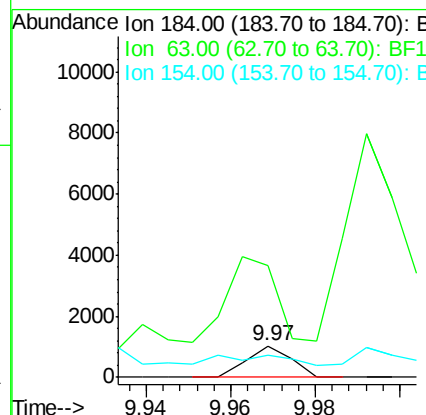
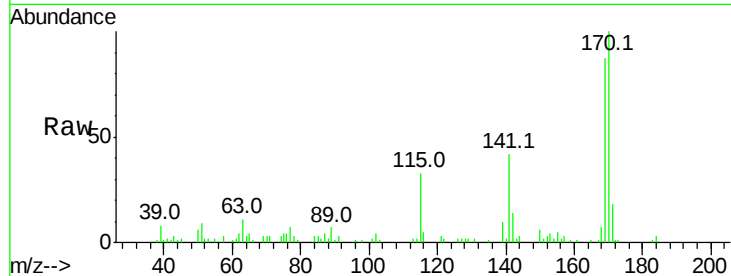




#53  
 2,4-Dinitrophenol  
 Concen: 10.724 ng  
 RT: 9.97 min Scan# 1340  
 Delta R.T. 0.04 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

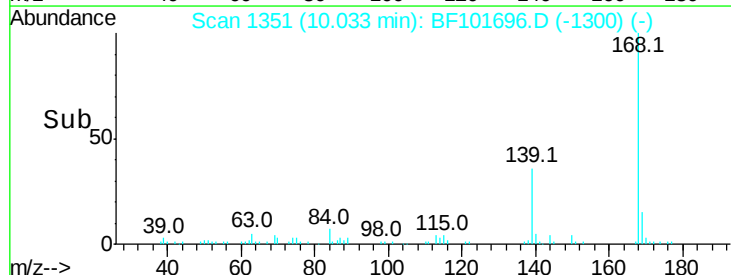
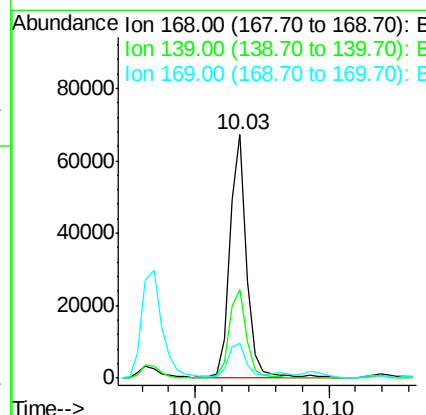
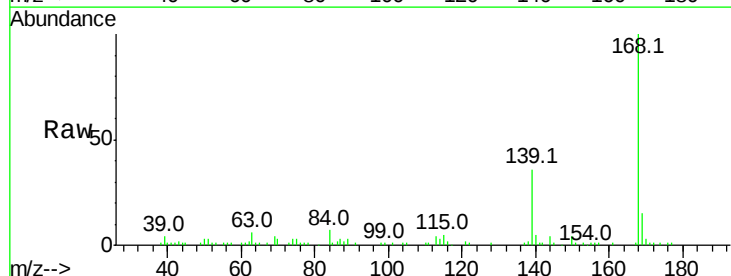
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-04-02

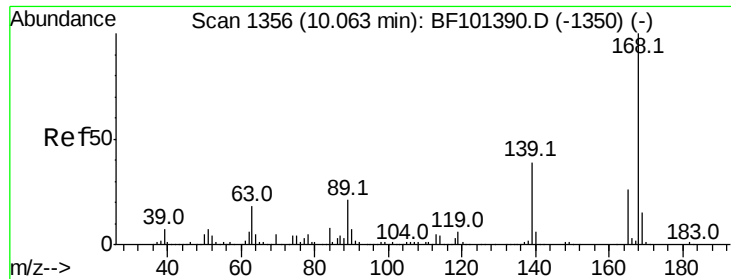
Tot Ion:184 Resp: 729  
 Ion Ratio Lower Upper  
 184 100  
 63 355.8 54.2 81.2#  
 154 71.8 184.0 276.0#



#54  
 Dibenzofuran  
 Concen: 2.644 ng  
 RT: 10.03 min Scan# 1351  
 Delta R.T. 0.00 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

Tgt Ion:168 Resp: 59739  
 Ion Ratio Lower Upper  
 168 100  
 139 36.2 30.1 45.1  
 169 14.5 10.9 16.3

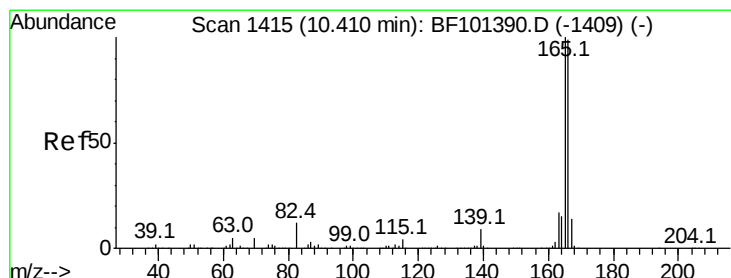
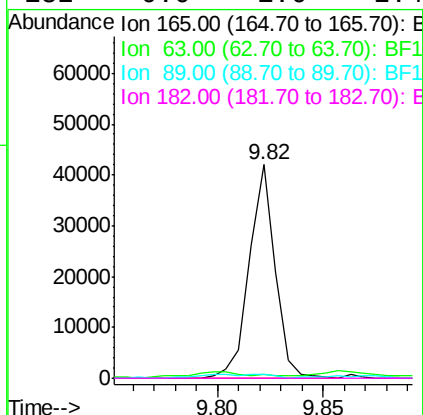
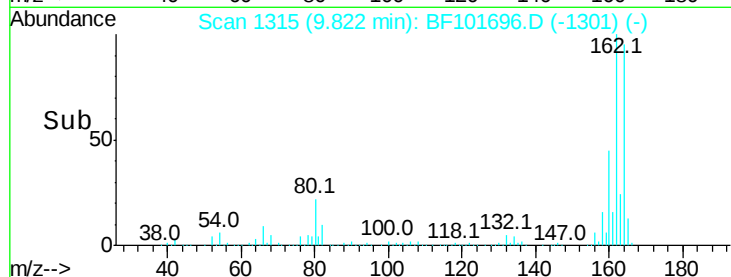
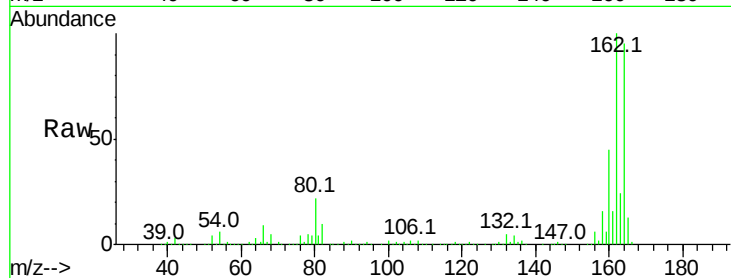




#56  
2,4-Dinitrotoluene  
Concen: 7.081 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. -0.22 min  
Lab File: BF101696.D  
Acq: 23 Dec 2017 11:44

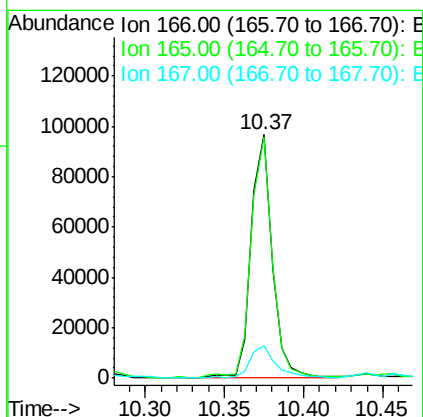
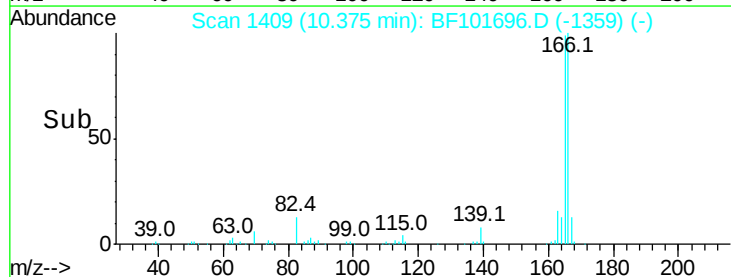
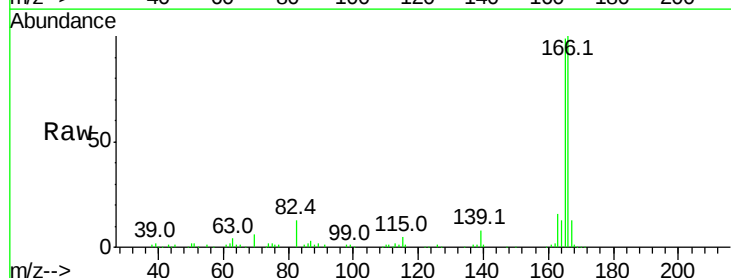
Instrument :  
BNA\_F  
ClientSampleId :  
WC-04-02

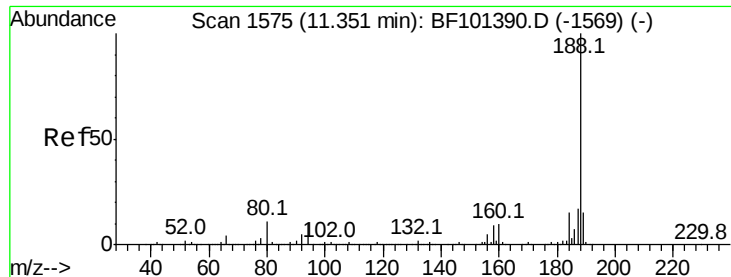
Tot Ion:165 Resp: 36010  
Ion Ratio Lower Upper  
165 100  
63 2.0 36.4 54.6#  
89 2.1 57.8 86.6#  
182 0.0 1.6 2.4#



#57  
Fluorene  
Concen: 4.715 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. -0.01 min  
Lab File: BF101696.D  
Acq: 23 Dec 2017 11:44

Tgt Ion:166 Resp: 90126  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.8 119.8  
167 13.3 10.6 16.0

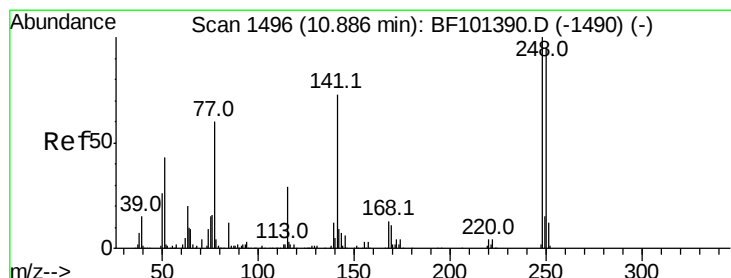
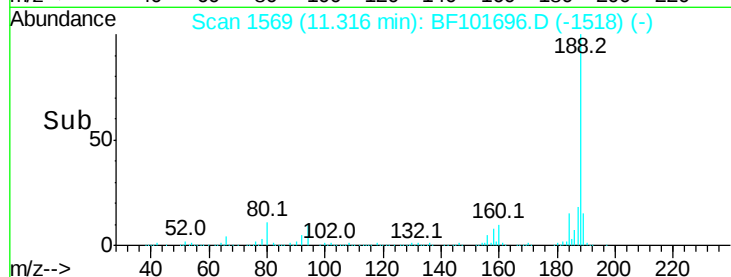
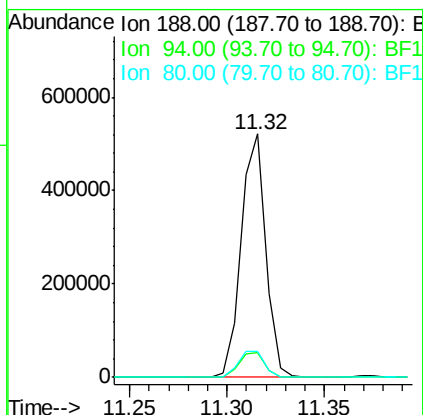
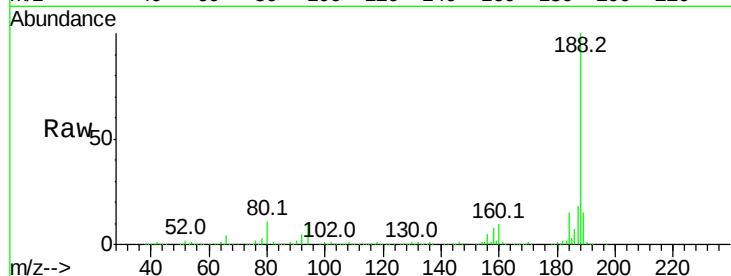




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.32 min Scan# 1569  
 Delta R.T. 0.00 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

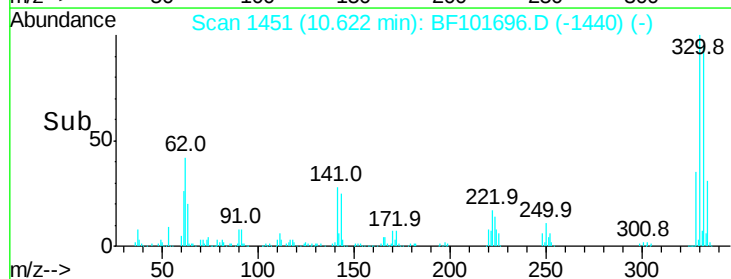
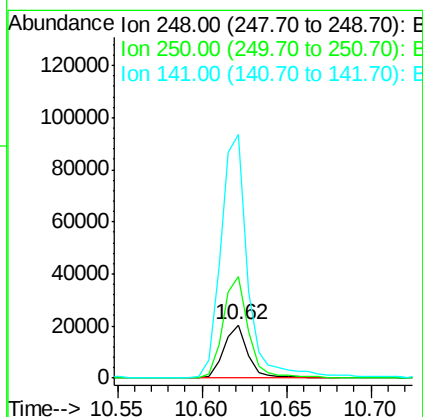
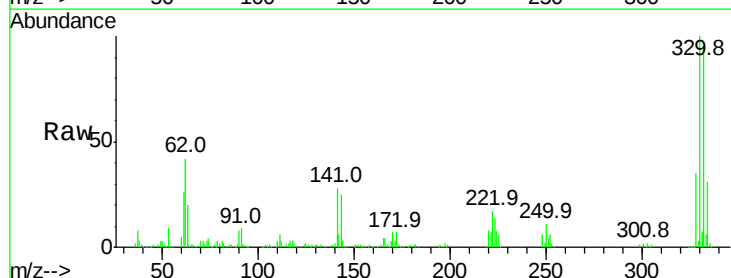
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-04-02

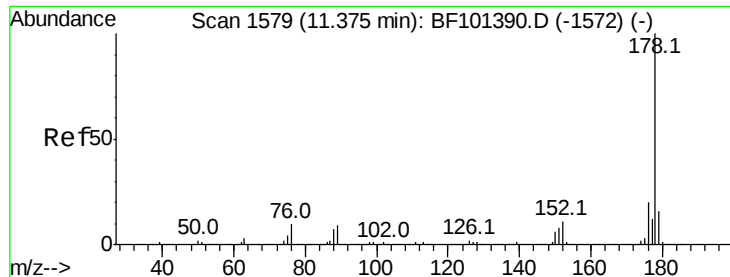
Tot Ion:188 Resp: 454578  
 Ion Ratio Lower Upper  
 188 100  
 94 10.3 8.5 12.7  
 80 10.5 9.2 13.8



#66  
 4-Bromophenyl-phenylether  
 Concen: 4.011 ng  
 RT: 10.62 min Scan# 1451  
 Delta R.T. -0.24 min  
 Lab File: BF101696.D  
 Acq: 23 Dec 2017 11:44

Tgt Ion:248 Resp: 20487  
 Ion Ratio Lower Upper  
 248 100  
 250 191.9 76.9 115.3#  
 141 460.4 74.4 111.6#





#70

Phenanthrene

Concen: 10.636 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

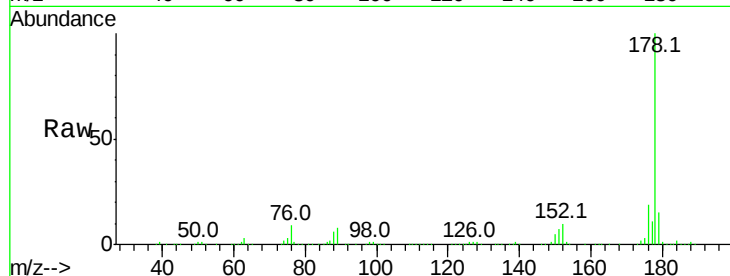
Tot Ion:178 Resp: 268883

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

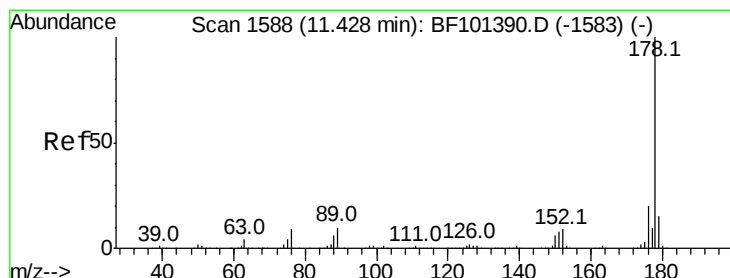
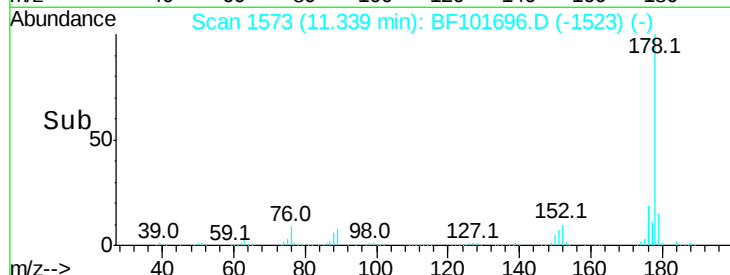
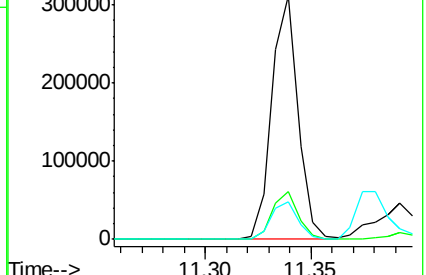
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 10.413 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.06 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

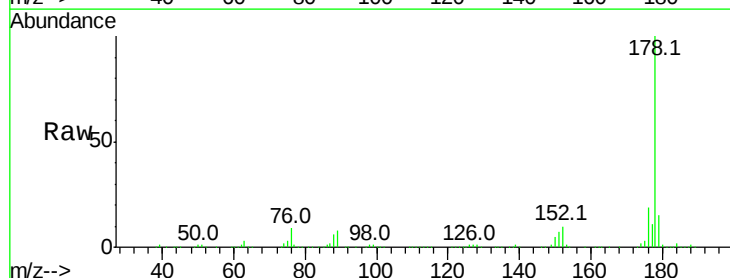
Tgt Ion:178 Resp: 268883

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

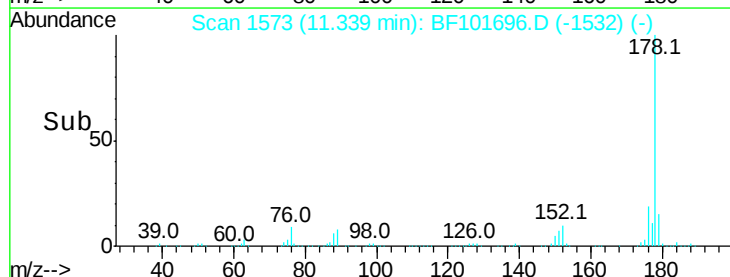
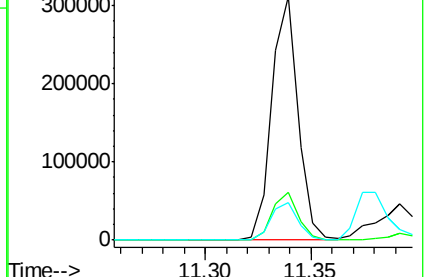
179 15.2 12.6 19.0

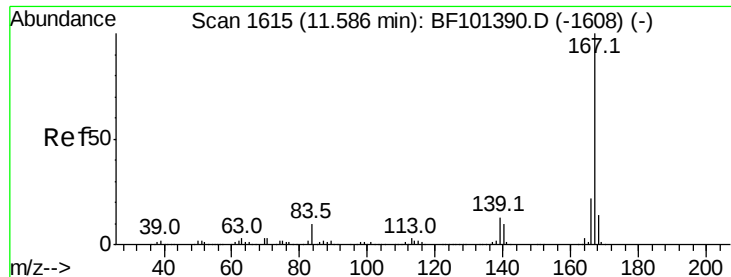


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 24.632 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

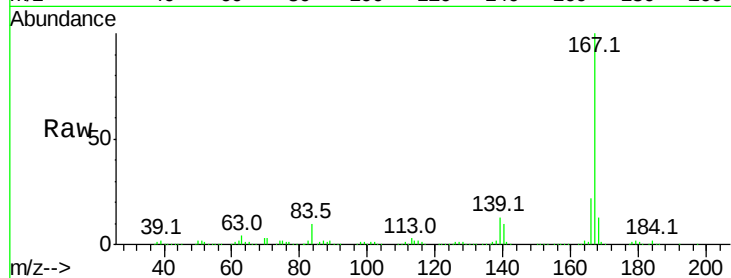
Tot Ion:167 Resp: 595510

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

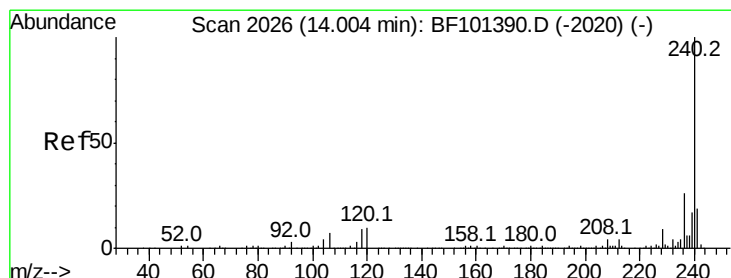
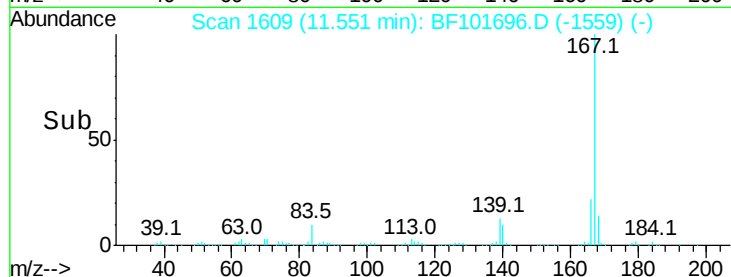
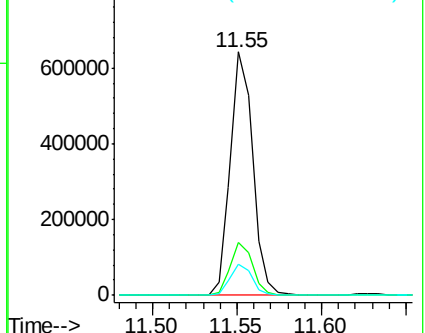
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

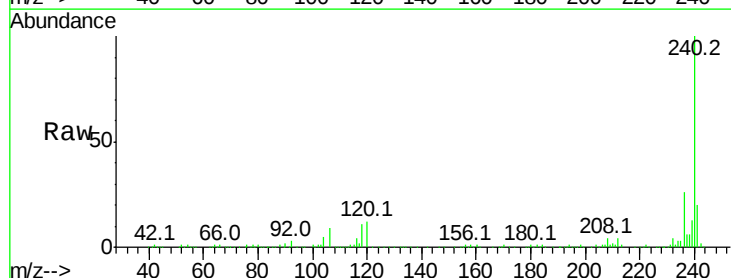
Tgt Ion:240 Resp: 309948

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

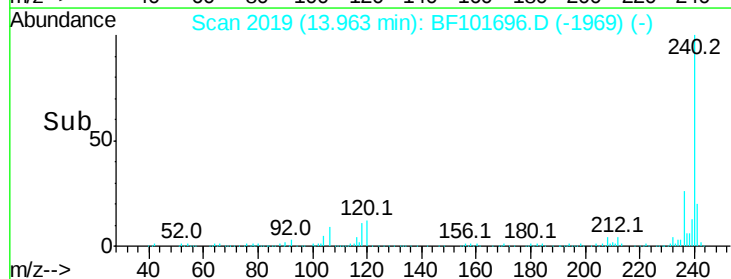
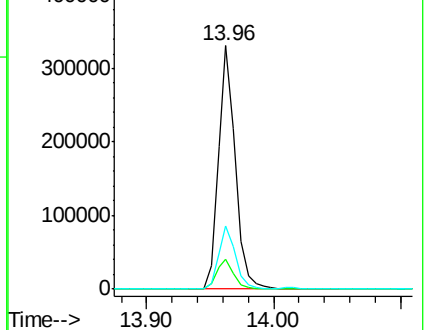
236 26.1 20.7 31.1

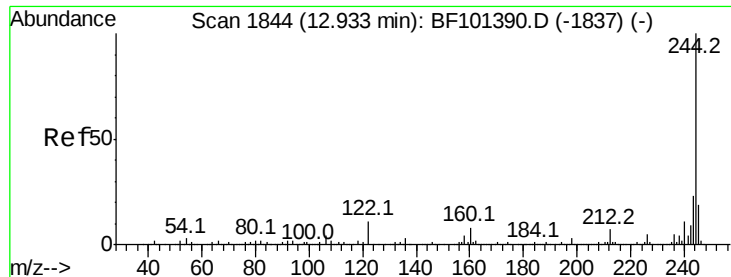


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.299 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

Instrument :

BNA\_F

ClientSampleId :

WC-04-02

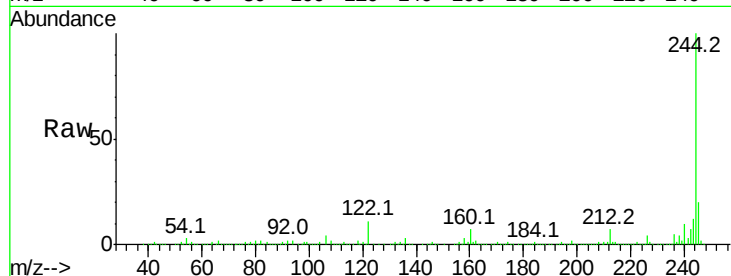
Tot Ion:244 Resp: 1315238

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

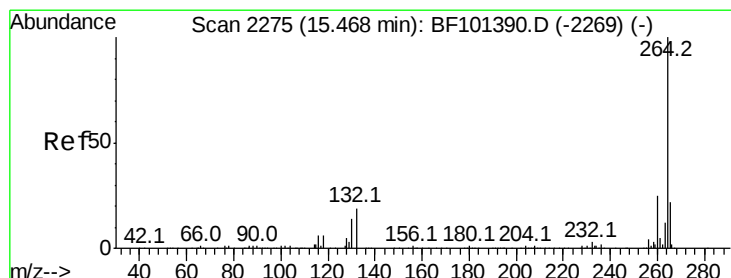
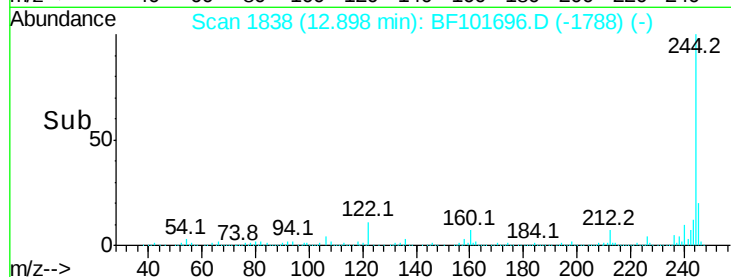
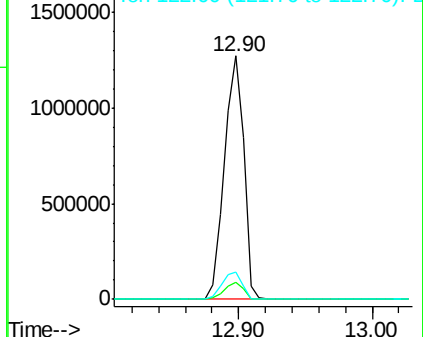
122 11.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101696.D

Acq: 23 Dec 2017 11:44

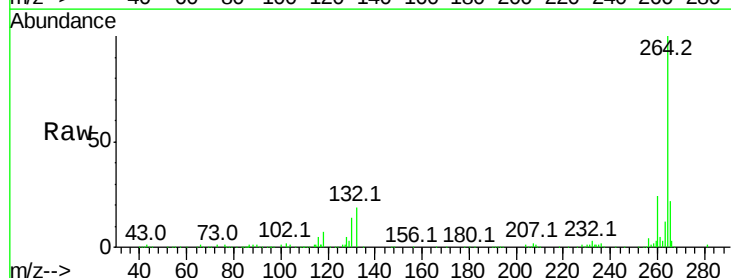
Tgt Ion:264 Resp: 294456

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

