

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\  
 Data File : BF107114.D  
 Acq On : 4 Jul 2018 6:39  
 Operator : JU/SJ  
 Sample : J3804-05  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-03

Quant Time: Jul 04 07:01:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

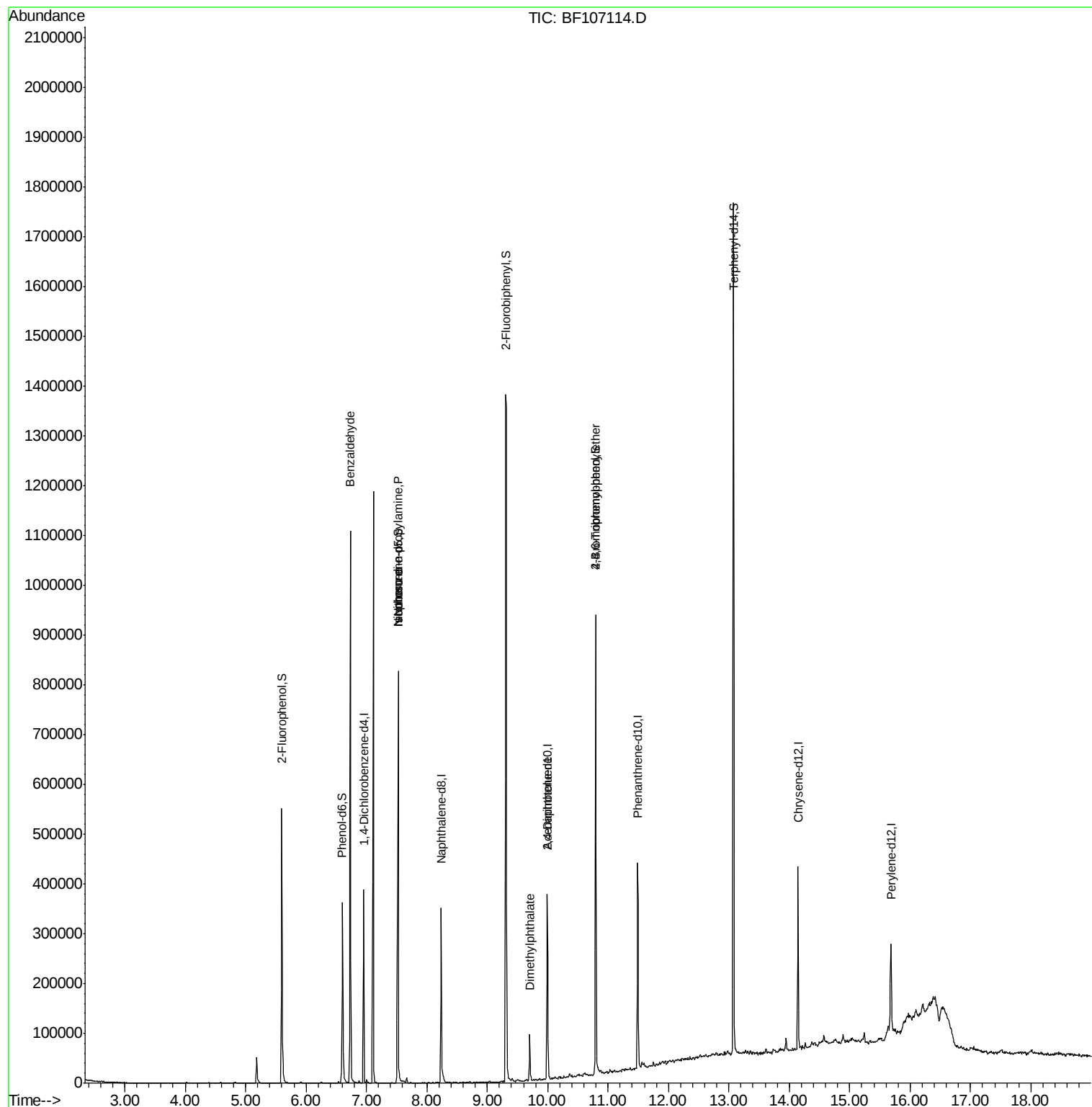
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.95  | 152  | 53596    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.24  | 136  | 178332   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10           | 10.00 | 164  | 78265    | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.49 | 188  | 162031   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 14.14 | 240  | 133575   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12               | 15.68 | 264  | 97722    | 20.00  | ng    | -0.04    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.60  | 112  | 182777   | 57.75  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.60  | 99   | 127804   | 32.33  | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.52  | 82   | 300739   | 93.72  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.80 | 330  | 140870   | 155.29 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.31  | 172  | 518131   | 117.74 | ng    | -0.01    |
| 78) Terphenyl-d14              | 13.08 | 244  | 664964   | 120.59 | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 9) Benzaldehyde                | 6.73  | 77   | 6866     | 2.072  | ng    | 91       |
| 19) n-Nitroso-di-n-propylamine | 7.52  | 70   | 39180    | 15.038 | ng    | # 72     |
| 25) Isophorone                 | 7.52  | 82   | 300736   | 53.184 | ng    | # 64     |
| 49) Dimethylphthalate          | 9.70  | 163  | 43264    | 7.370  | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.00 | 165  | 10369    | 6.391  | ng    | # 21     |
| 66) 4-Bromophenyl-phenylether  | 10.80 | 248  | 8861     | 4.582  | ng    | # 1      |

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

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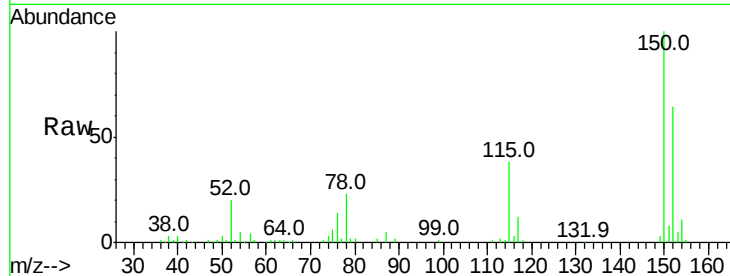


#1

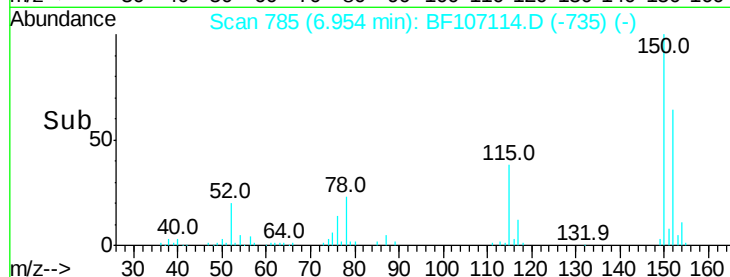
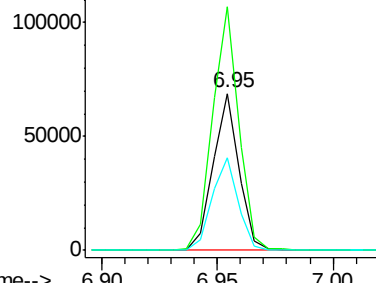
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

Tot Ion:152 Resp: 53596  
Ion Ratio Lower Upper  
152 100  
150 155.4 124.6 186.8  
115 59.3 50.1 75.1



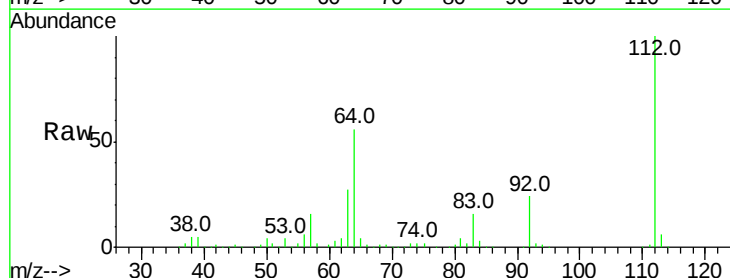
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



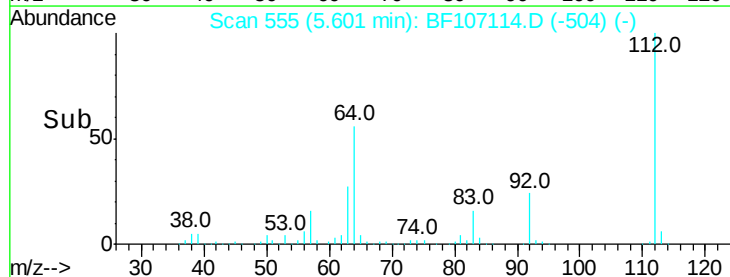
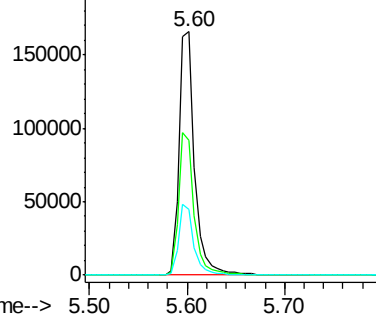
#5

2-Fluorophenol  
Concen: 57.747 ng  
RT: 5.60 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Tgt Ion:112 Resp: 182777  
Ion Ratio Lower Upper  
112 100  
64 55.6 47.9 71.9  
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.334 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107114.D

Acq: 4 Jul 2018 6:39

Instrument :

BNA\_F

ClientSampleId :

MW-03

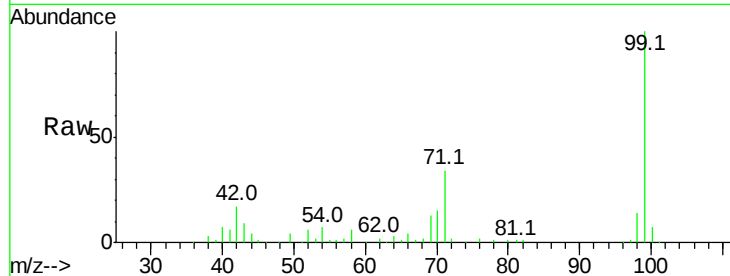
Tot Ion: 99 Resp: 127804

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

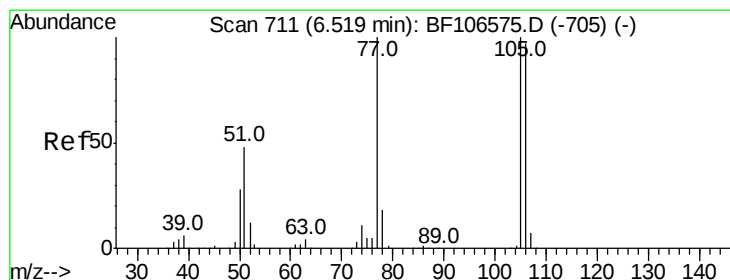
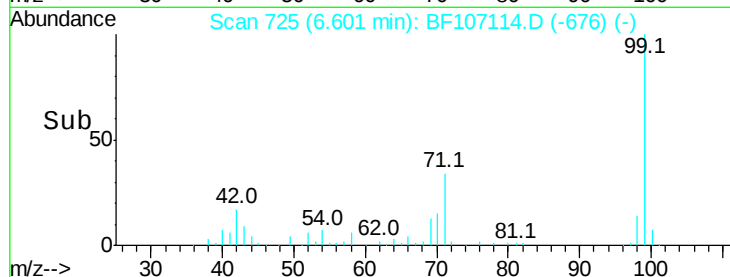
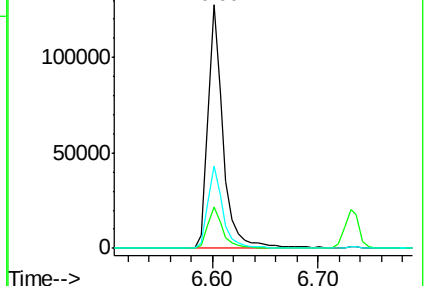
71 33.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.072 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107114.D

Acq: 4 Jul 2018 6:39

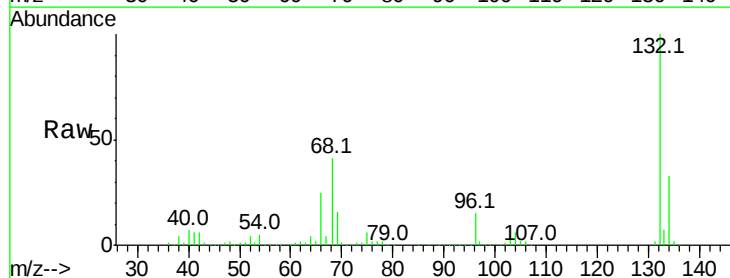
Tgt Ion: 77 Resp: 6866

Ion Ratio Lower Upper

77 100

105 90.2 81.1 121.1

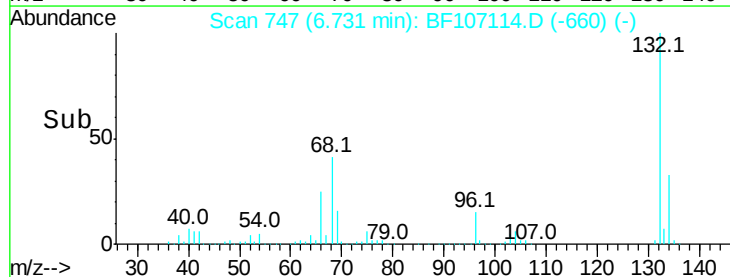
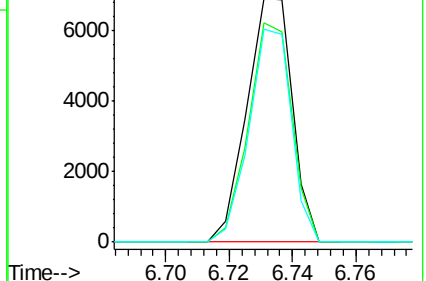
106 87.2 74.5 114.5

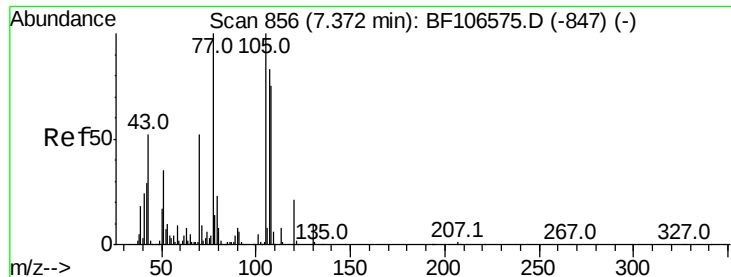


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

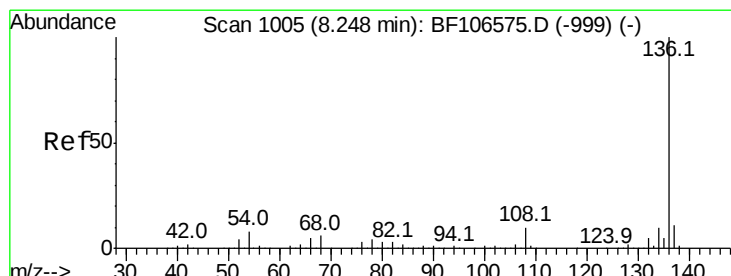
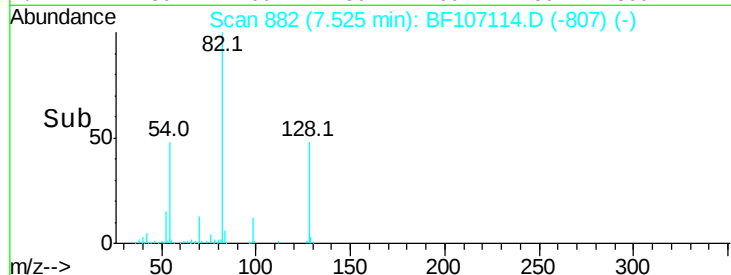
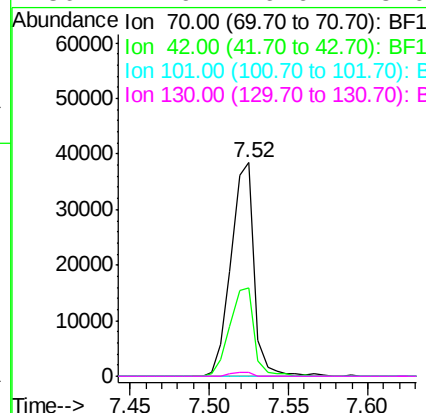
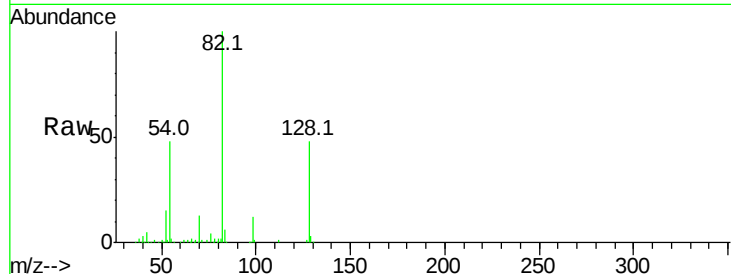




#19  
n-Nitroso-di-n-propylamine  
Concen: 15.038 ng  
RT: 7.52 min Scan# 882  
Delta R.T. 0.14 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

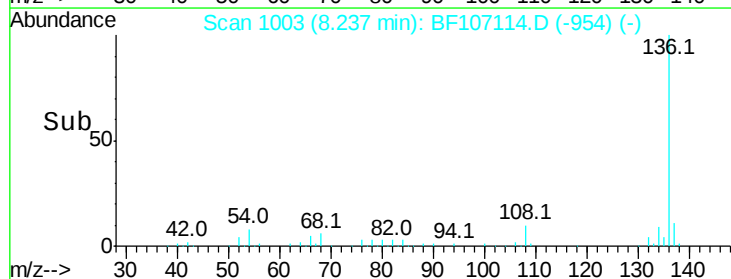
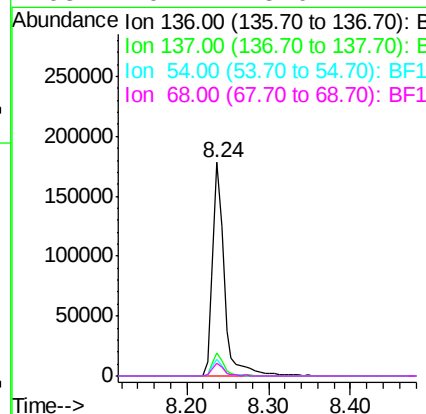
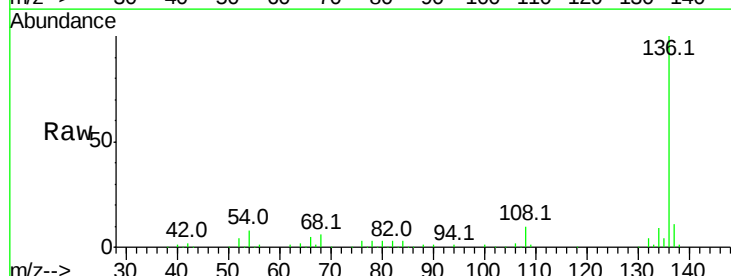
Instrument :  
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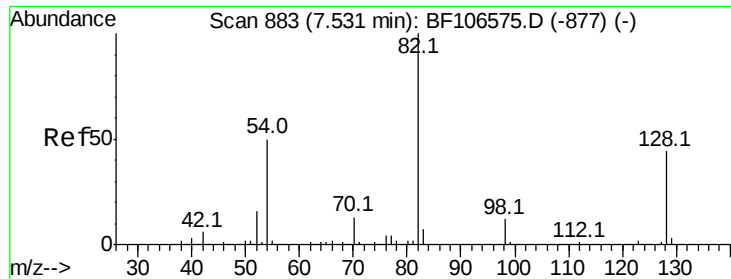
Tot Ion: 70 Resp: 39180  
Ion Ratio Lower Upper  
70 100  
42 41.2 47.5 71.3#  
101 0.0 7.4 11.2#  
130 1.9 16.6 25.0#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Tgt Ion: 136 Resp: 178332  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 7.9 6.6 9.8  
68 6.2 5.0 7.4

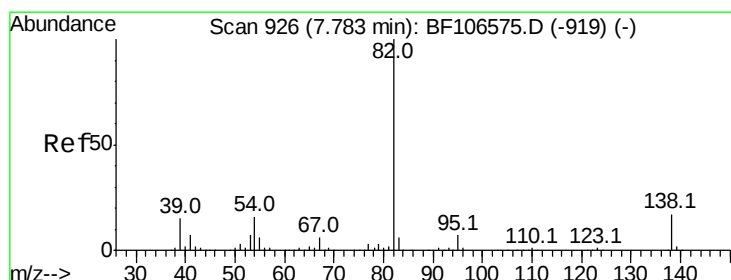
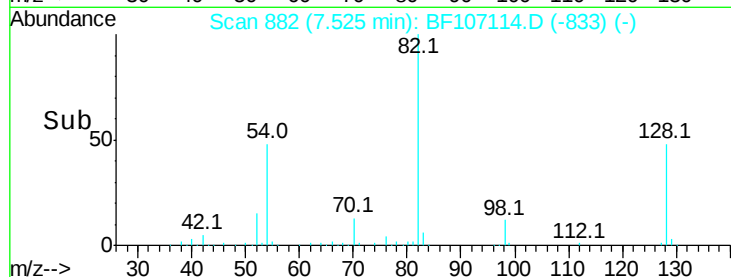
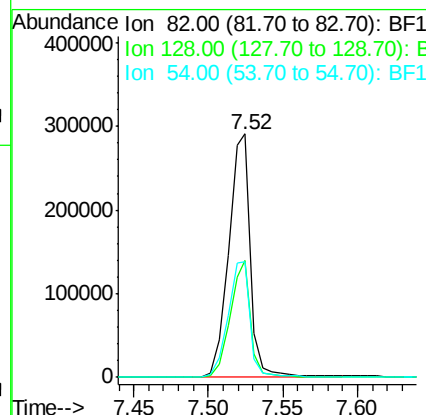
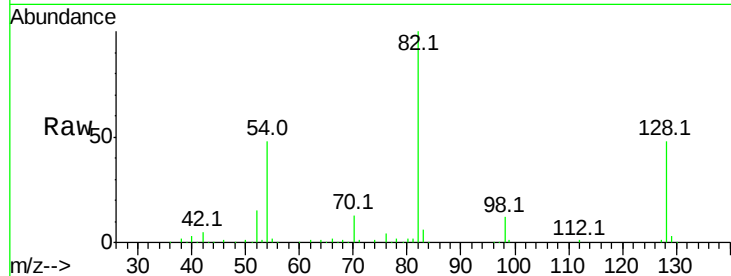




#23  
Nitrobenzene-d5  
Concen: 93.719 ng  
RT: 7.52 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

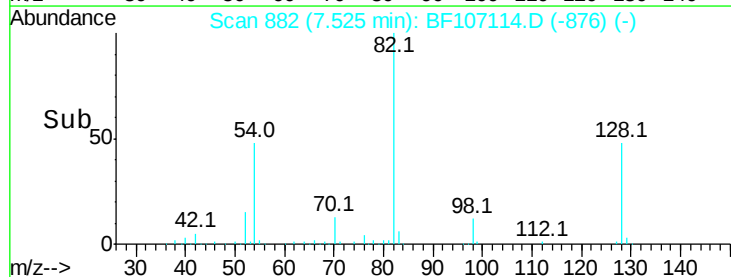
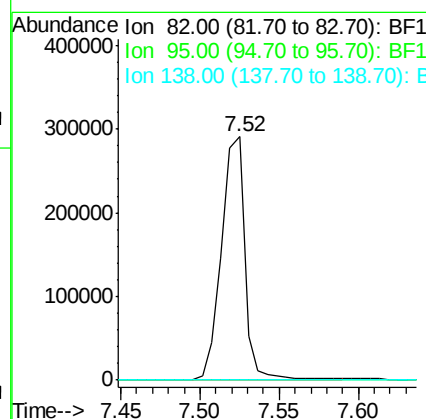
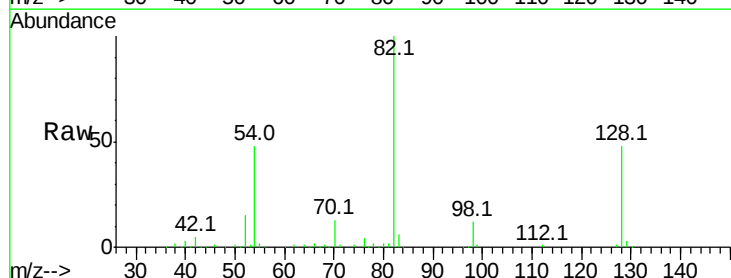
Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

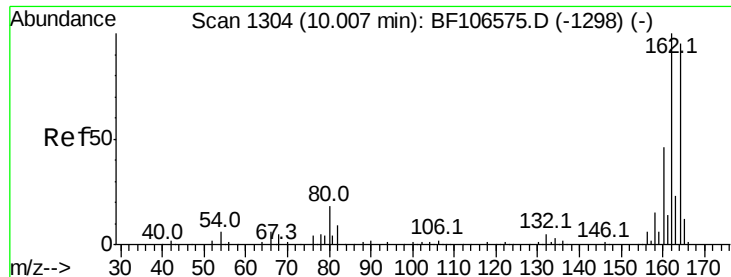
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.1  | 36.1  | 54.1  |
| 54      | 47.5  | 41.4  | 62.2  |



#25  
Isophorone  
Concen: 53.184 ng  
RT: 7.52 min Scan# 882  
Delta R.T. -0.26 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 0.0   | 5.2   | 7.8#  |
| 138     | 0.0   | 14.9  | 22.3# |

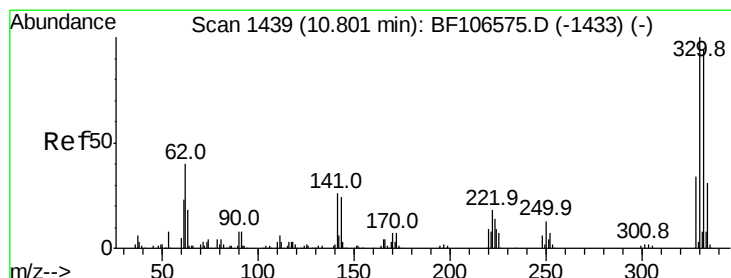
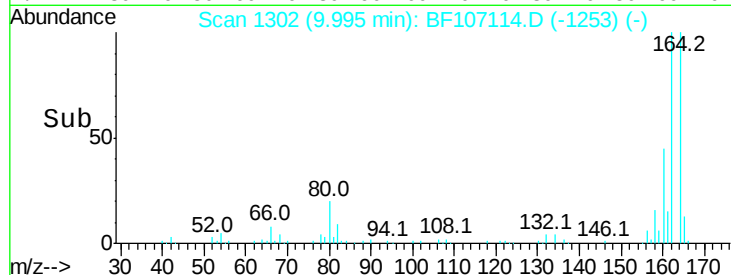
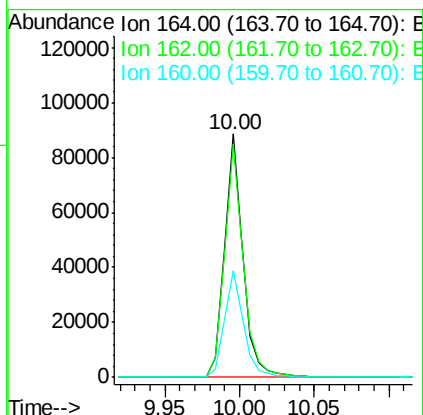
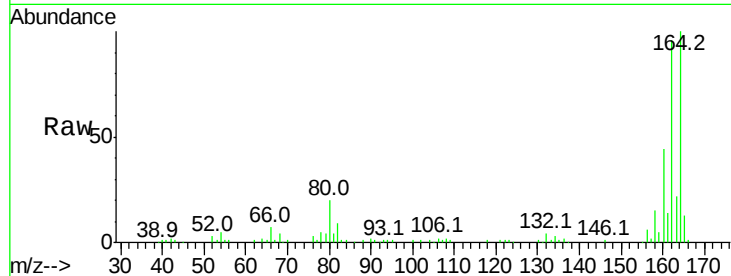




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

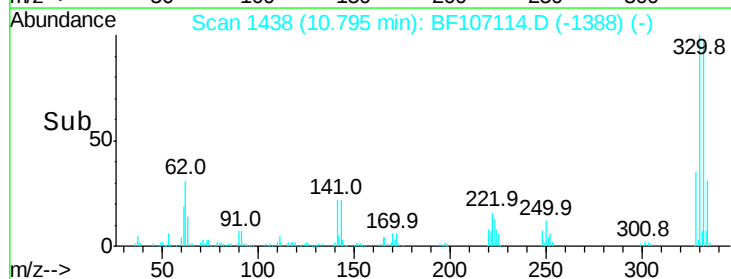
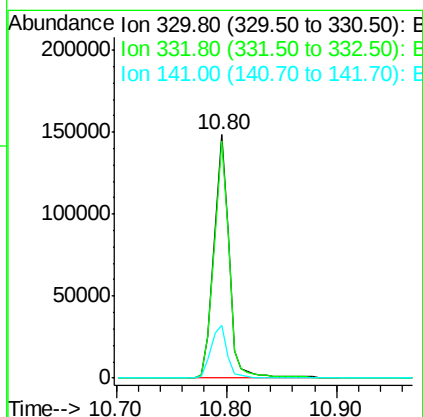
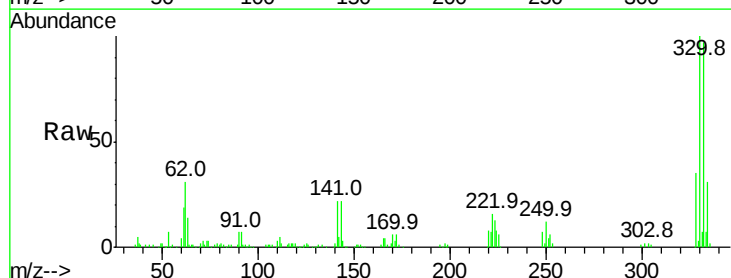
Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

Tot Ion:164 Resp: 78265  
Ion Ratio Lower Upper  
164 100  
162 95.9 86.1 129.1  
160 43.6 38.3 57.5



#41  
2,4,6-Tribromophenol  
Concen: 155.295 ng  
RT: 10.80 min Scan# 1438  
Delta R.T. -0.01 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Tgt Ion:330 Resp: 140870  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.0 115.6  
141 23.2 29.9 44.9#

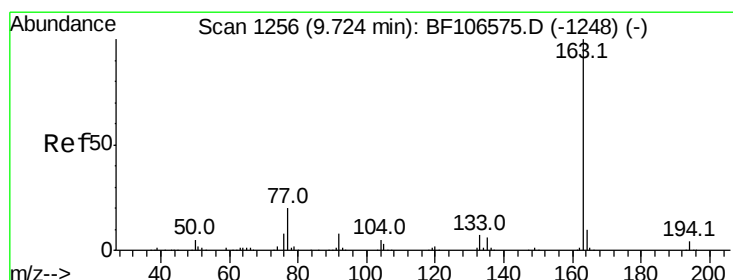
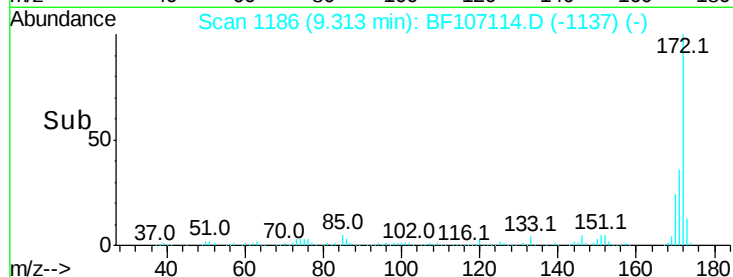
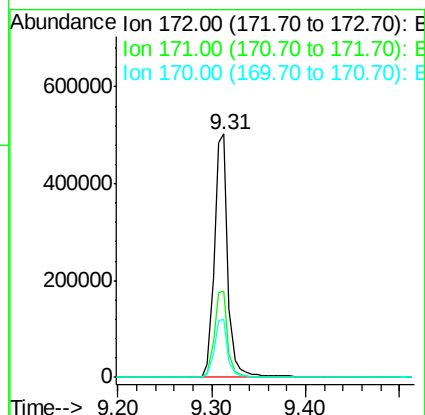
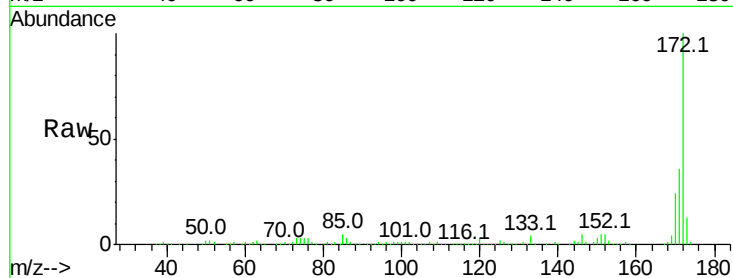




#44  
2-Fluorobiphenyl  
Concen: 117.737 ng  
RT: 9.31 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

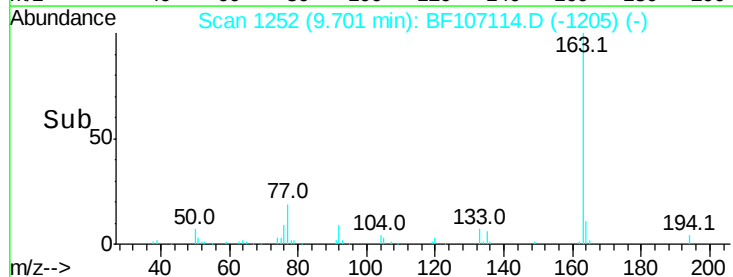
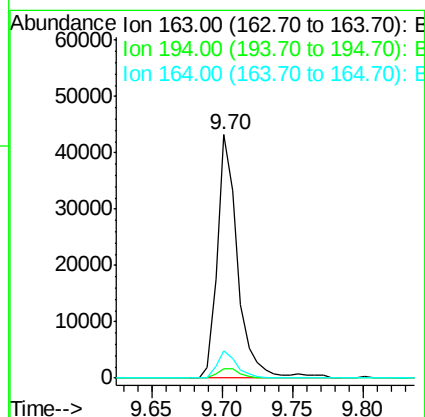
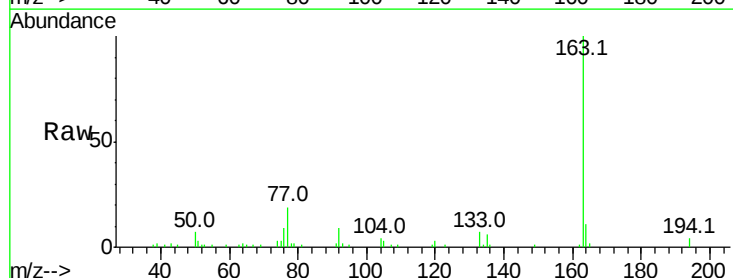
Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

Tot Ion:172 Resp: 518131  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.7 44.5  
170 23.7 19.6 29.4



#49  
Dimethylphthalate  
Concen: 7.370 ng  
RT: 9.70 min Scan# 1252  
Delta R.T. -0.02 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Tgt Ion:163 Resp: 43264  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.7 4.1  
164 11.3 8.2 12.2

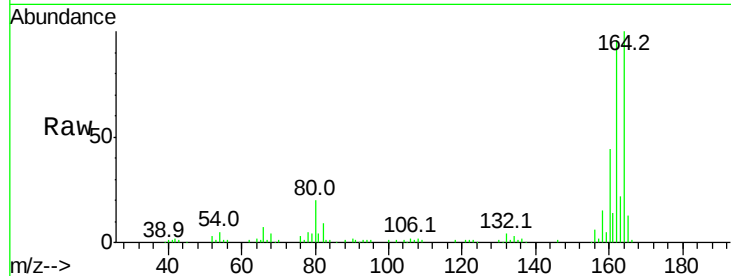




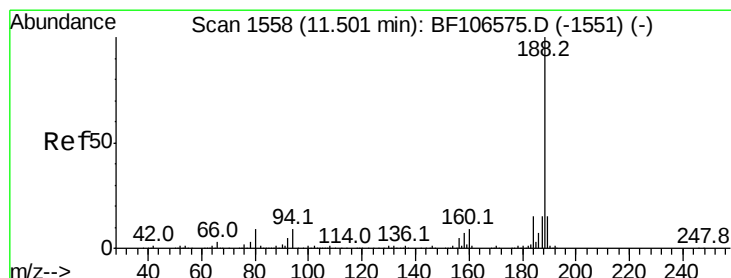
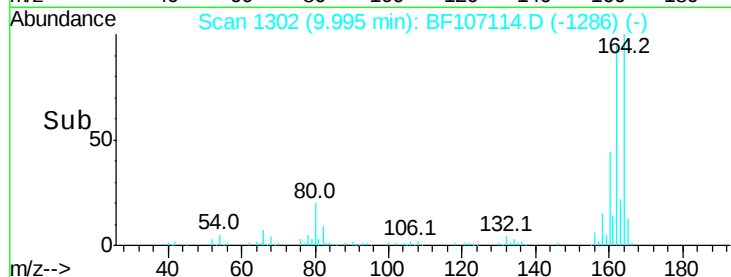
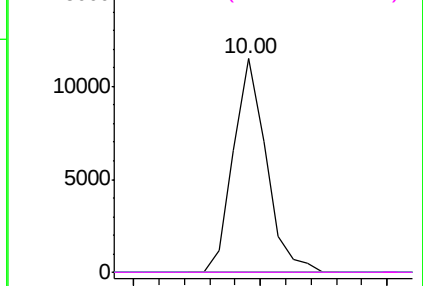
#56  
2,4-Dinitrotoluene  
Concen: 6.391 ng  
RT: 10.00 min Scan# 1302  
Delta R.T. -0.21 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

Tot Ion:165 Resp: 10369  
Ion Ratio Lower Upper  
165 100  
63 0.0 36.4 54.6#  
89 0.0 57.8 86.6#  
182 0.0 1.6 2.4#

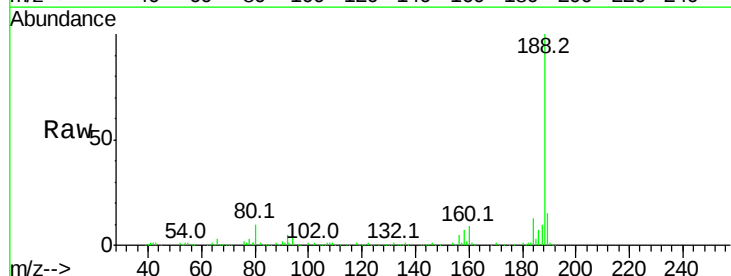


Abundance Ion 165.00 (164.70 to 165.70): E

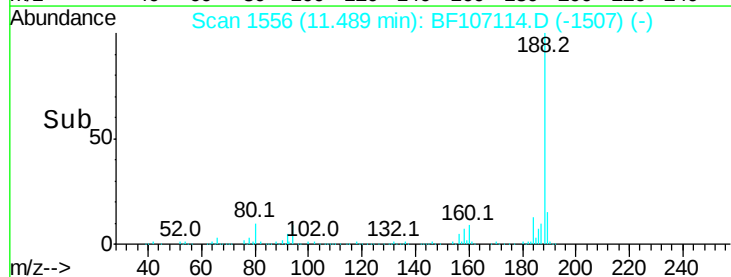
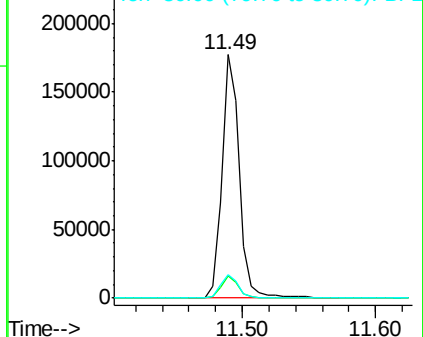


#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.49 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Tgt Ion:188 Resp: 162031  
Ion Ratio Lower Upper  
188 100  
94 8.9 8.5 12.7  
80 9.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

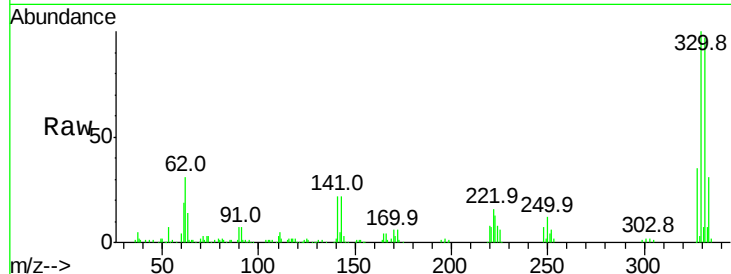




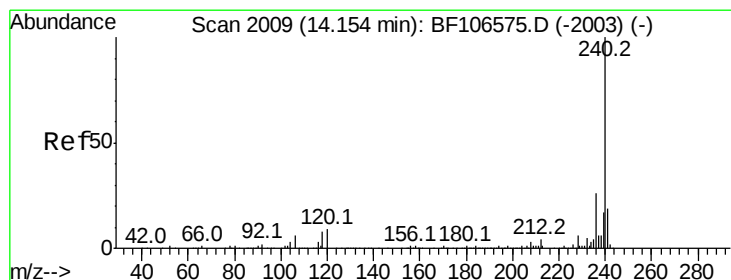
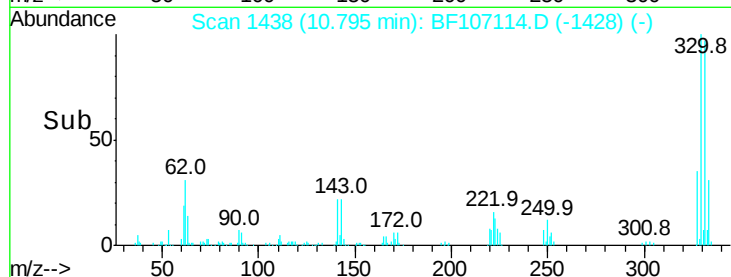
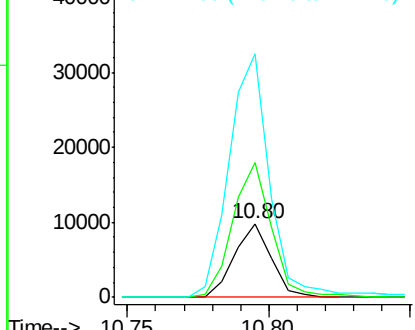
#66  
4-Bromophenyl-phenylether  
Concen: 4.582 ng  
RT: 10.80 min Scan# 1438  
Delta R.T. -0.24 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Instrument :  
BNA\_F  
ClientSampleId :  
MW-03

Tot Ion:248 Resp: 8861  
Ion Ratio Lower Upper  
248 100  
250 182.5 76.9 115.3#  
141 329.1 74.4 111.6#

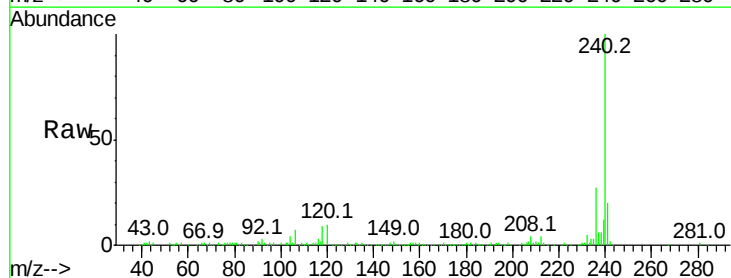


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

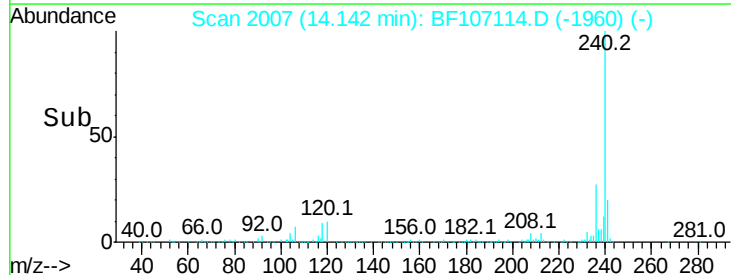
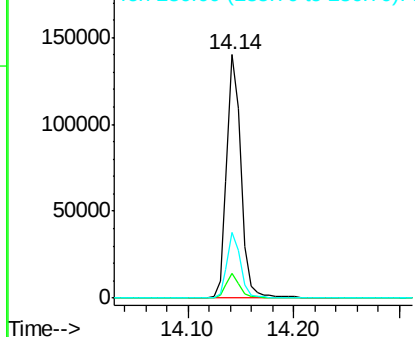


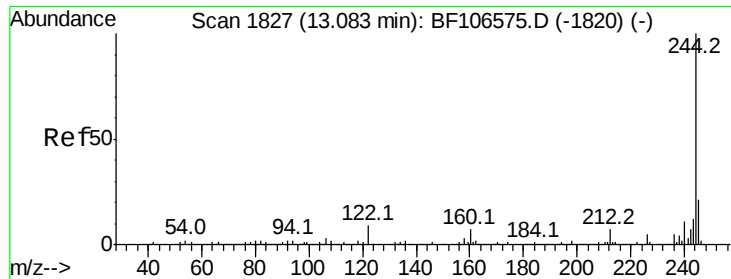
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.14 min Scan# 2007  
Delta R.T. -0.02 min  
Lab File: BF107114.D  
Acq: 4 Jul 2018 6:39

Tgt Ion:240 Resp: 133575  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.5 14.3  
236 26.7 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

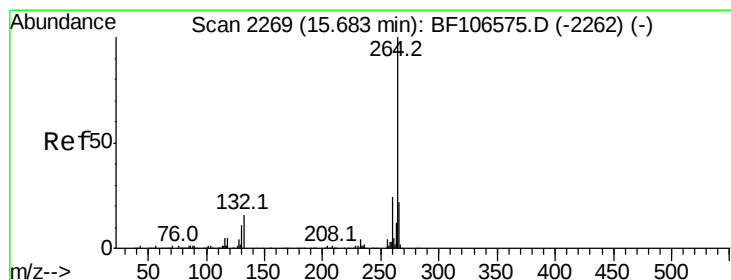
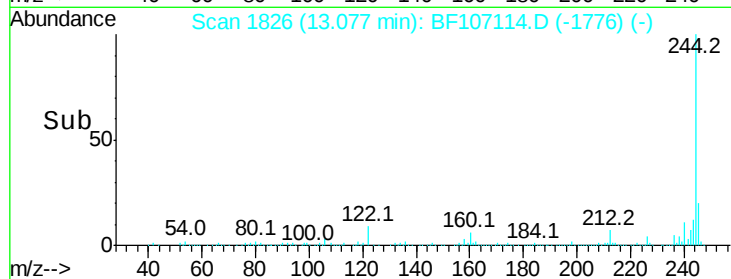
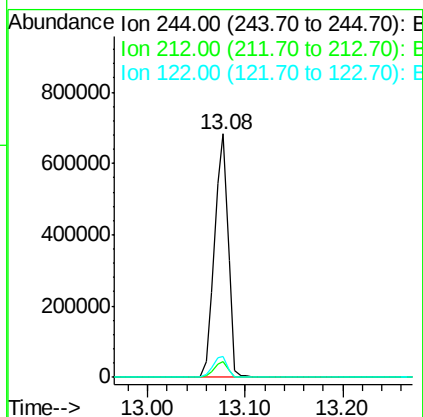
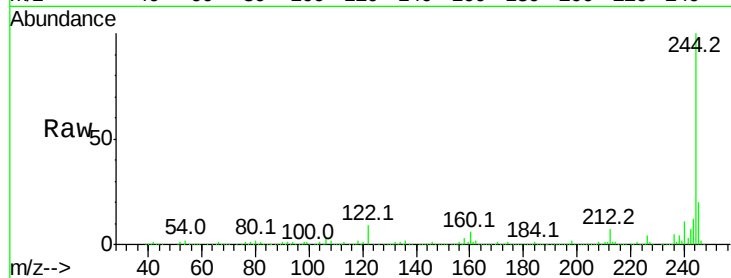




#78  
 Terphenyl-d14  
 Concen: 120.587 ng  
 RT: 13.08 min Scan# 1826  
 Delta R.T. -0.01 min  
 Lab File: BF107114.D  
 Acq: 4 Jul 2018 6:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-03

Tot Ion:244 Resp: 664964  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.0  
 122 8.6 11.0 16.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.68 min Scan# 2269  
 Delta R.T. -0.04 min  
 Lab File: BF107114.D  
 Acq: 4 Jul 2018 6:39

Tgt Ion:264 Resp: 97722  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 21.2 17.5 26.3

