

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\  
 Data File : BF107002.D  
 Acq On : 30 Jun 2018 4:37  
 Operator : JU/SJ  
 Sample : J3720-05  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3

Quant Time: Jun 30 05:44:03 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

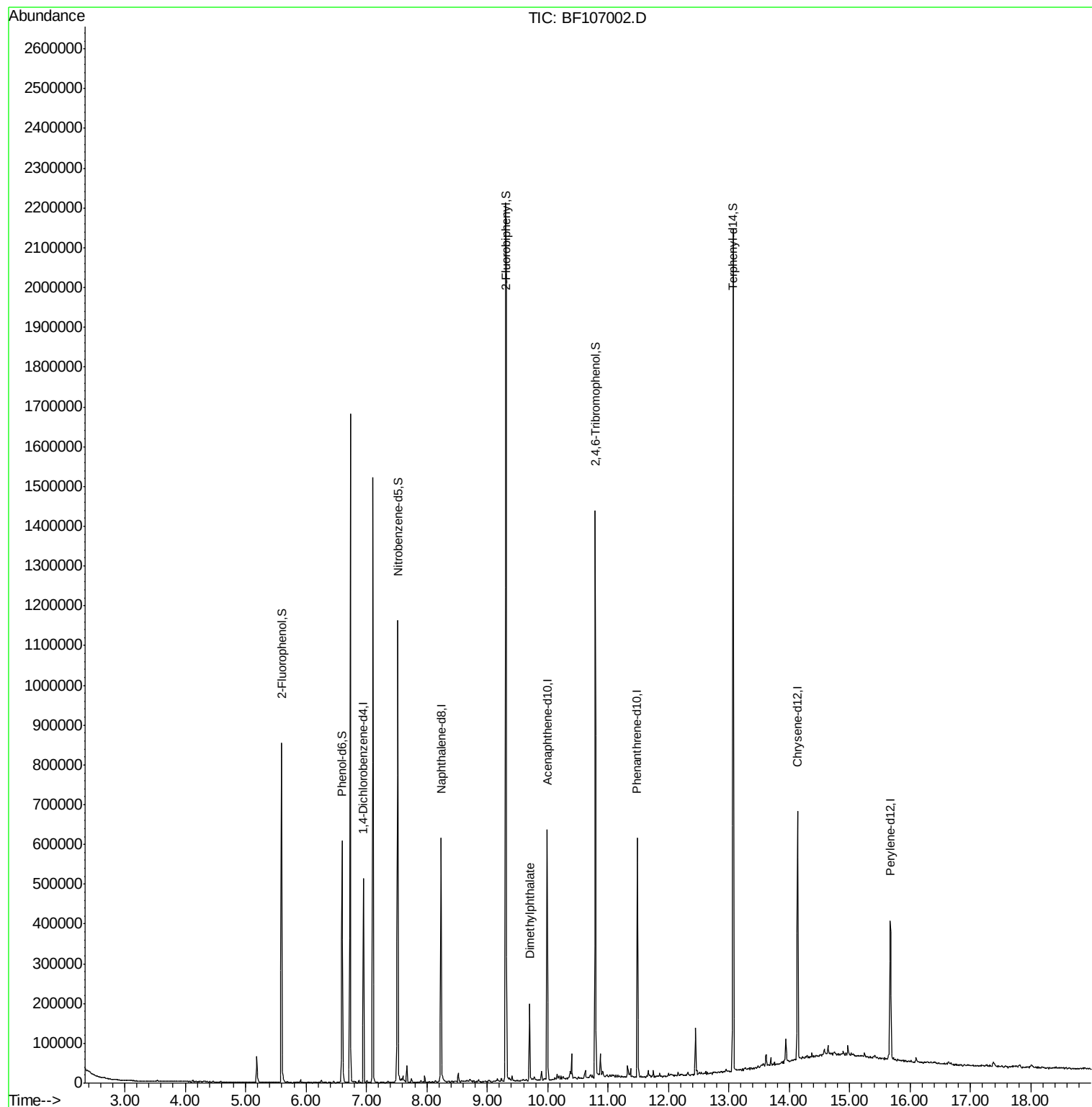
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 81770    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.24  | 136  | 296901   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.99  | 164  | 136845   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.48 | 188  | 234204   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 14.14 | 240  | 234177   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 15.67 | 264  | 183732   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 258645   | 53.56  | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 201306   | 33.38  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 431034   | 80.68  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.79 | 330  | 212426   | 133.93 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 795318   | 101.18 | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.07 | 244  | 829680   | 85.82  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.70  | 163  | 76244    | 7.429  | ng    | 99       |

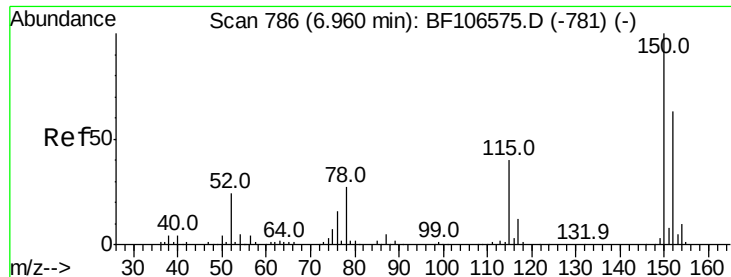
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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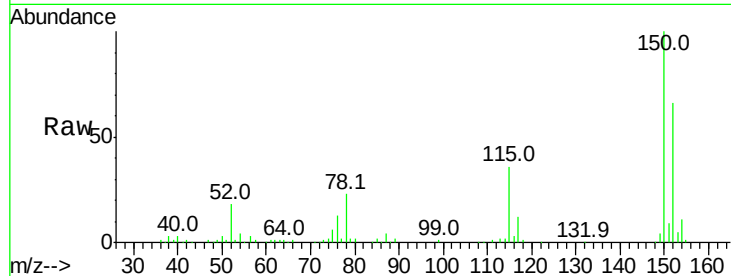


#1

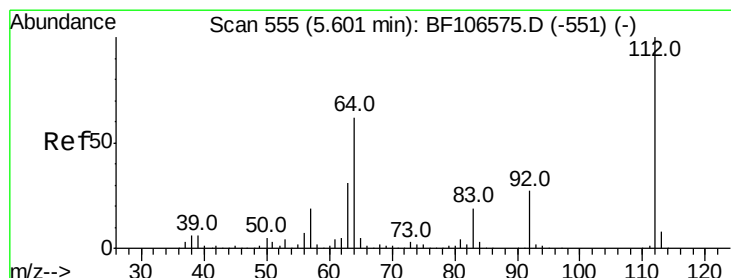
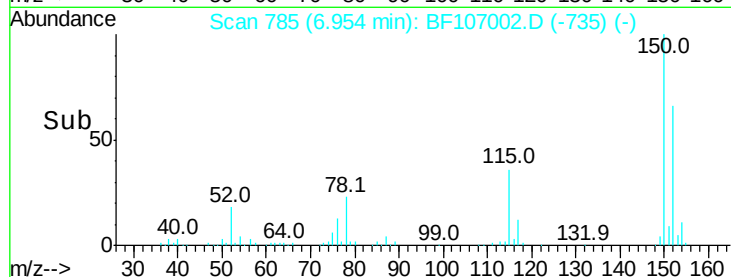
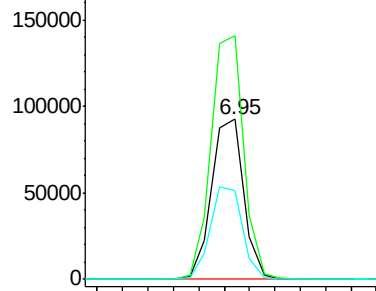
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF107002.D  
Acq: 30 Jun 2018 4:37

Instrument :  
BNA\_F  
ClientSampleId :  
MW-3

Tot Ion:152 Resp: 81770  
Ion Ratio Lower Upper  
152 100  
150 152.0 124.6 186.8  
115 55.2 50.1 75.1



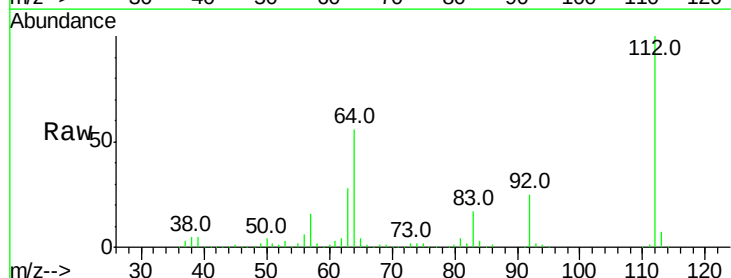
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



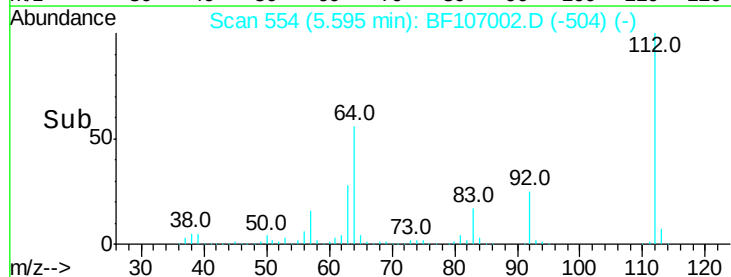
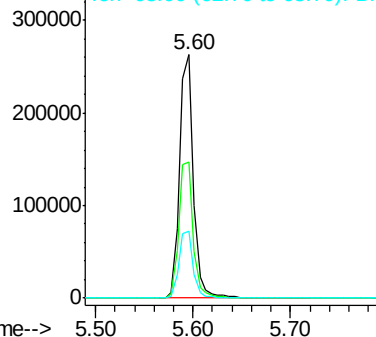
#5

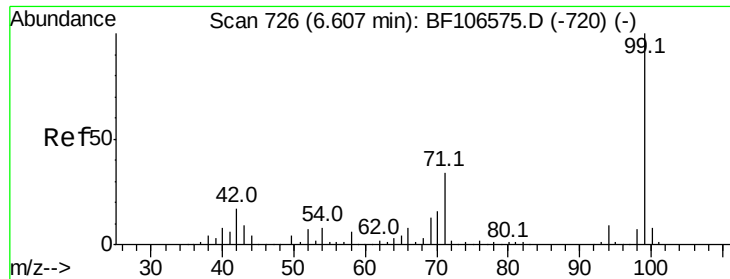
2-Fluorophenol  
Concen: 53.561 ng  
RT: 5.60 min Scan# 554  
Delta R.T. -0.01 min  
Lab File: BF107002.D  
Acq: 30 Jun 2018 4:37

Tgt Ion:112 Resp: 258645  
Ion Ratio Lower Upper  
112 100  
64 55.9 47.9 71.9  
63 27.5 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: 33.382 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

Instrument :

BNA\_F

ClientSampleId :

MW-3

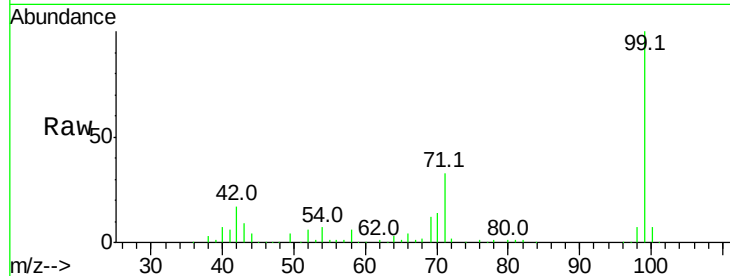
Tot Ion: 99 Resp: 201306

Ion Ratio Lower Upper

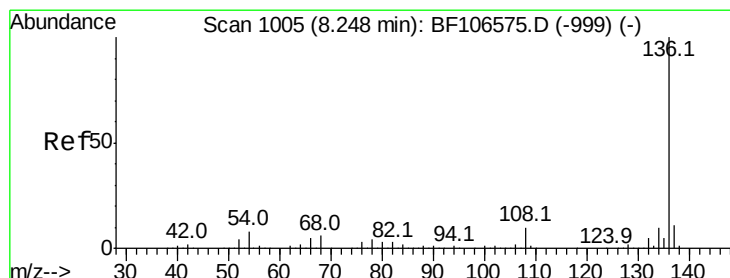
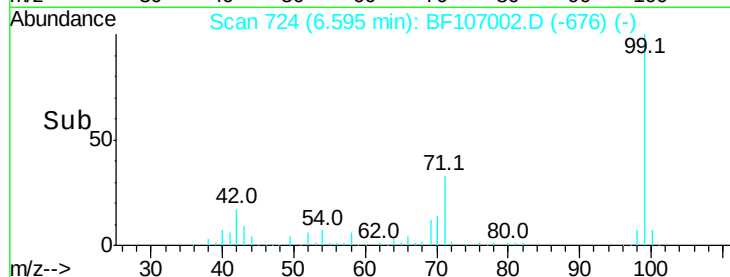
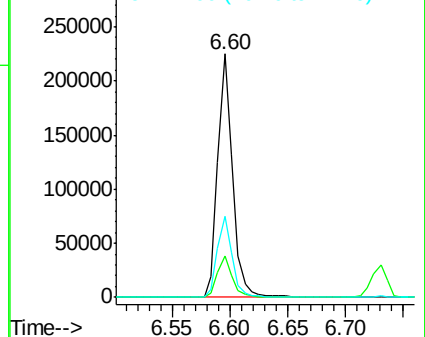
99 100

42 16.7 14.5 21.7

71 33.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

Tgt Ion: 136 Resp: 296901

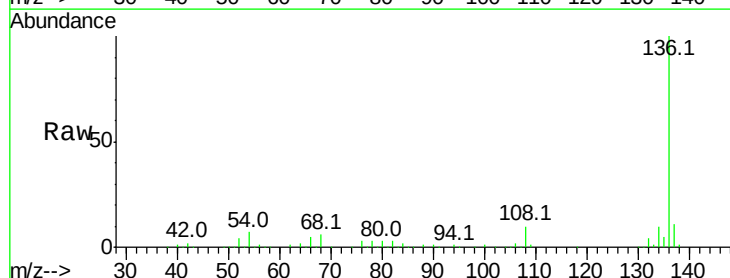
Ion Ratio Lower Upper

136 100

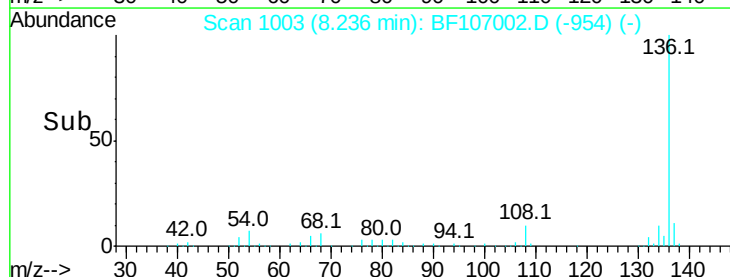
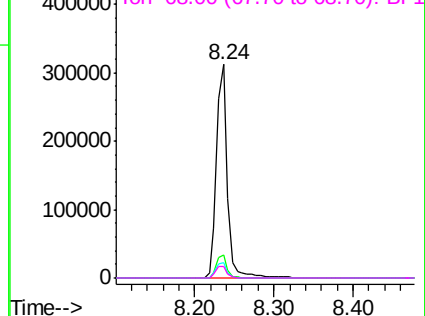
137 10.8 8.9 13.3

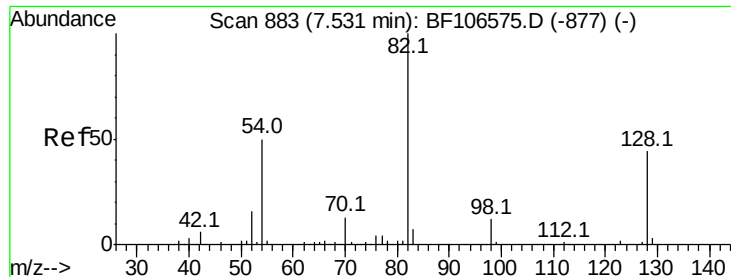
54 7.4 6.6 9.8

68 5.7 5.0 7.4



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): BF1  
Ion 68.00 (67.70 to 68.70): BF1

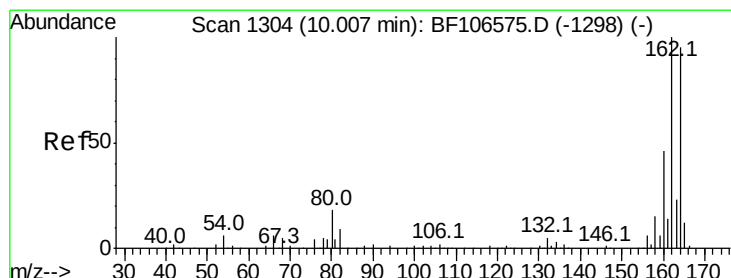
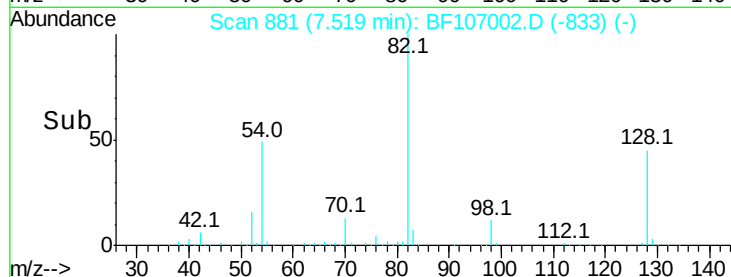
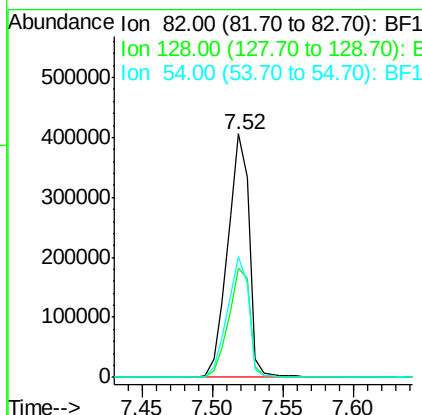
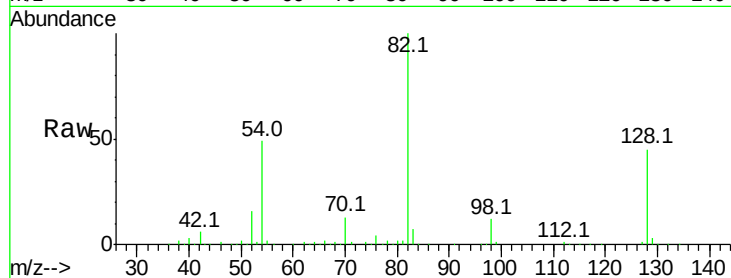




#23  
Nitrobenzene-d5  
Concen: 80.680 ng  
RT: 7.52 min Scan# 881  
Delta R.T. -0.02 min  
Lab File: BF107002.D  
Acq: 30 Jun 2018 4:37

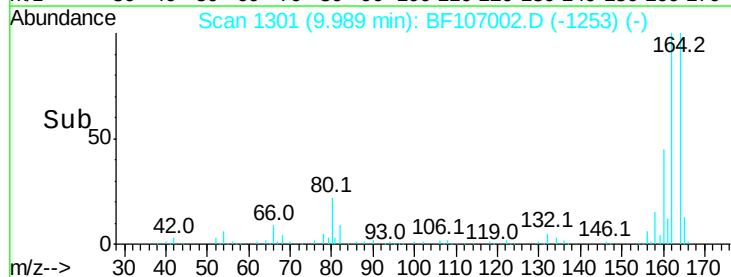
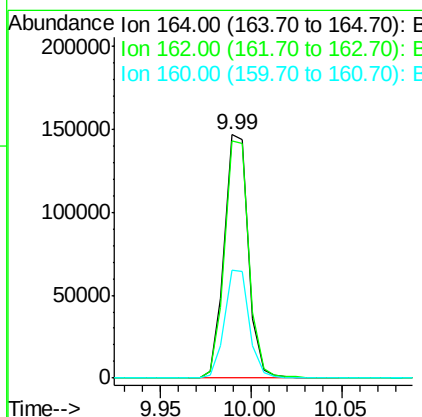
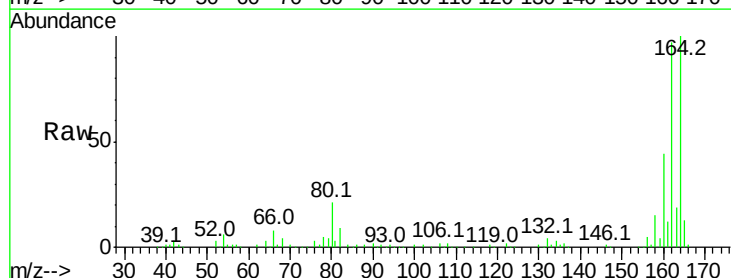
Instrument :  
BNA\_F  
ClientSampled :  
MW-3

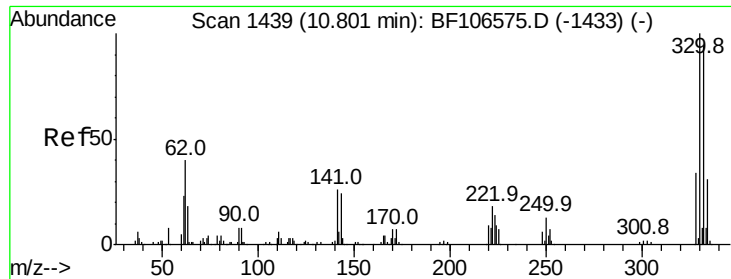
Tot Ion: 82 Resp: 431034  
Ion Ratio Lower Upper  
82 100  
128 44.9 36.1 54.1  
54 49.5 41.4 62.2



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.99 min Scan# 1301  
Delta R.T. -0.02 min  
Lab File: BF107002.D  
Acq: 30 Jun 2018 4:37

Tgt Ion:164 Resp: 136845  
Ion Ratio Lower Upper  
164 100  
162 97.3 86.1 129.1  
160 44.1 38.3 57.5

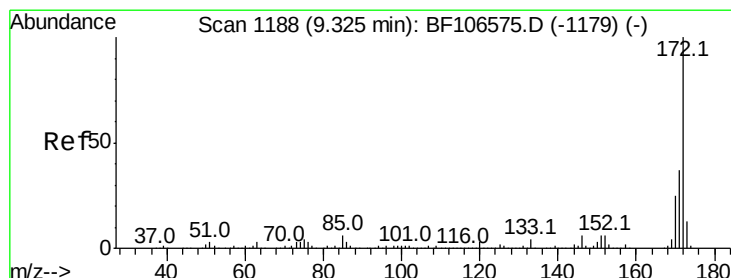
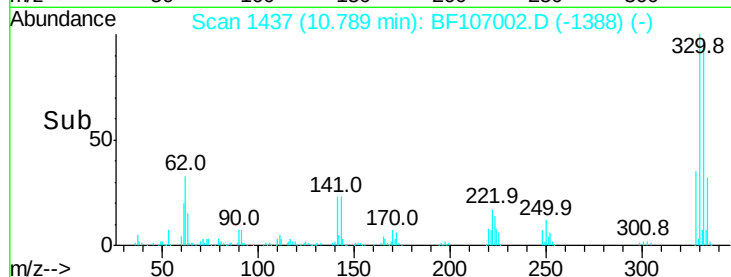
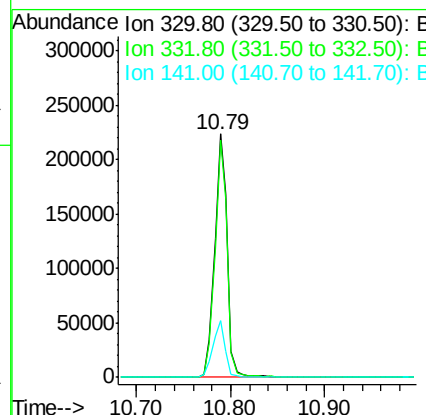
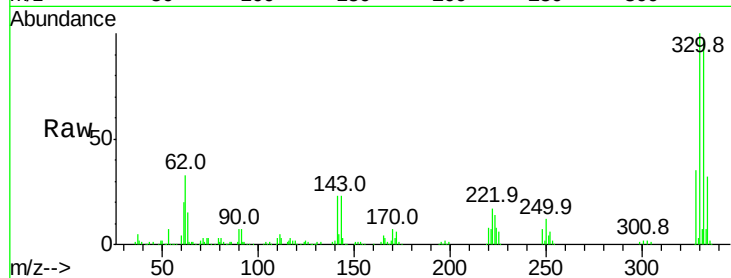




#41  
 2,4,6-Tribromophenol  
 Concen: 133.932 ng  
 RT: 10.79 min Scan# 1437  
 Delta R.T. -0.01 min  
 Lab File: BF107002.D  
 Acq: 30 Jun 2018 4:37

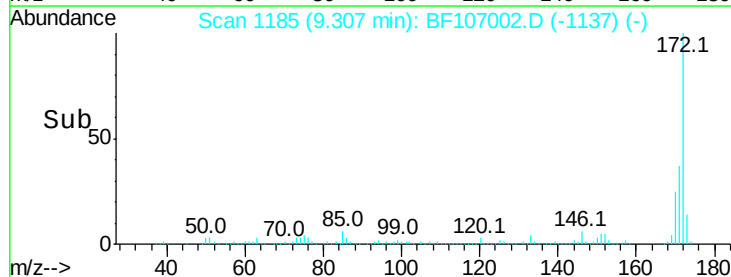
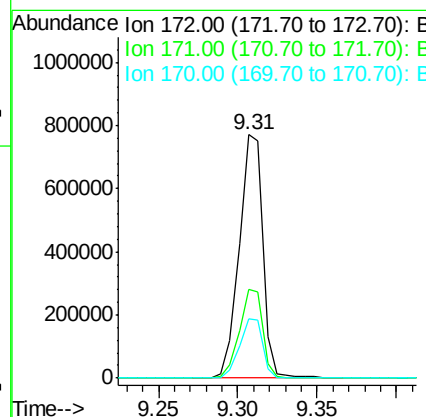
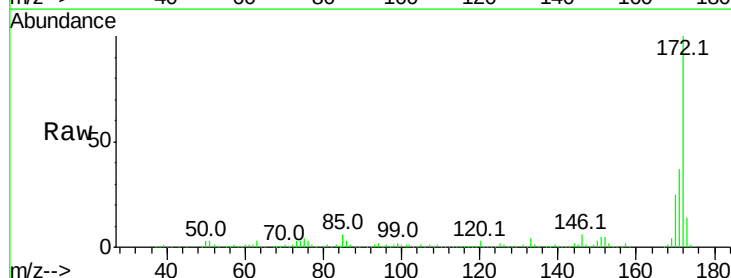
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-3

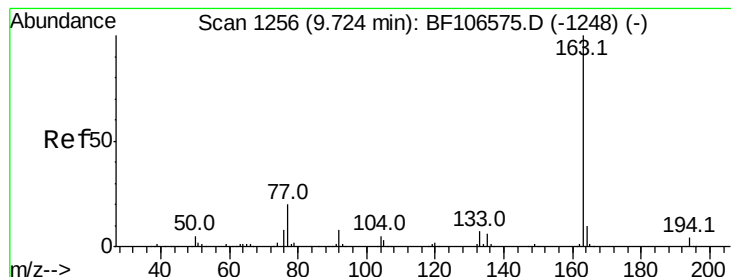
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.0  | 115.6 |
| 141     | 23.0  | 29.9  | 44.9# |



#44  
 2-Fluorobiphenyl  
 Concen: 101.180 ng  
 RT: 9.31 min Scan# 1185  
 Delta R.T. -0.02 min  
 Lab File: BF107002.D  
 Acq: 30 Jun 2018 4:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.6  | 29.7  | 44.5  |
| 170     | 24.6  | 19.6  | 29.4  |





#49

Dimethylphthalate

Concen: 7.429 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

Instrument :

BNA\_F

ClientSampleId :

MW-3

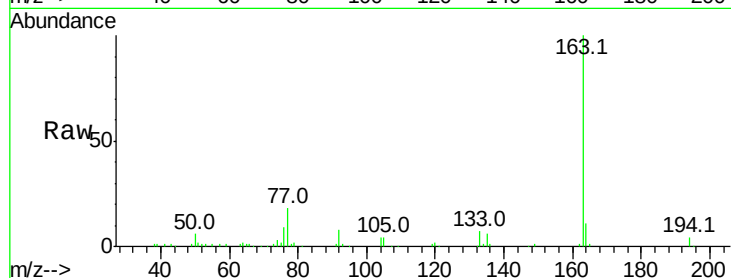
Tot Ion:163 Resp: 76244

Ion Ratio Lower Upper

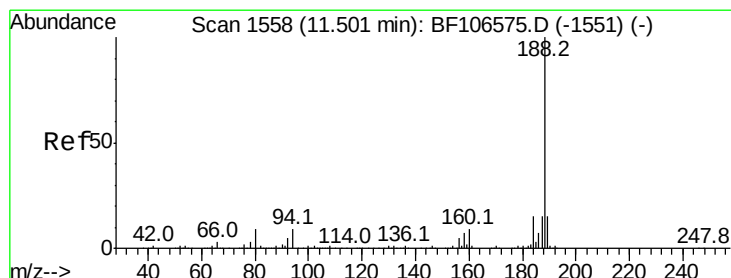
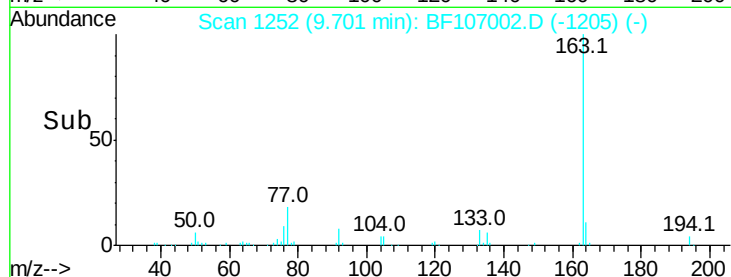
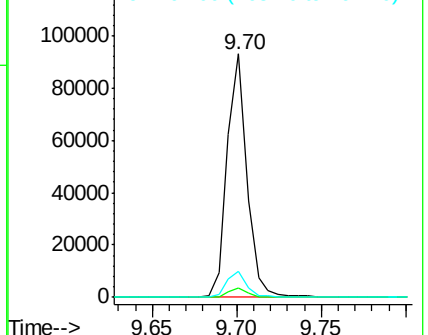
163 100

194 3.8 2.7 4.1

164 10.8 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

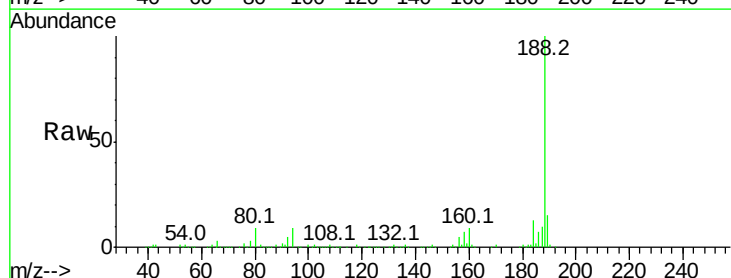
Tgt Ion:188 Resp: 234204

Ion Ratio Lower Upper

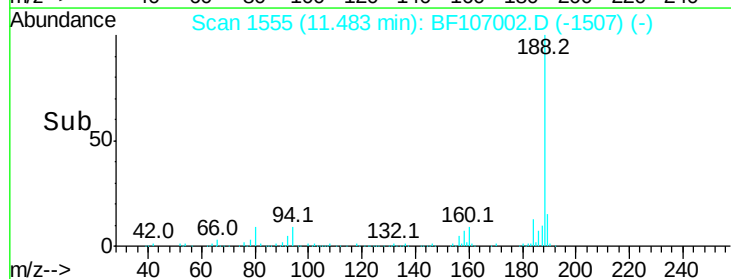
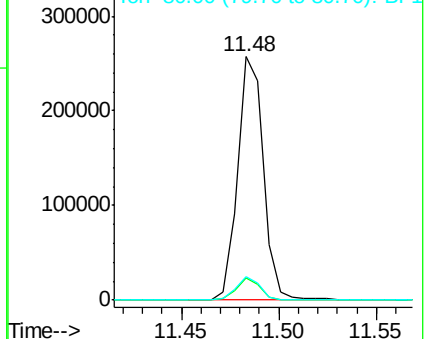
188 100

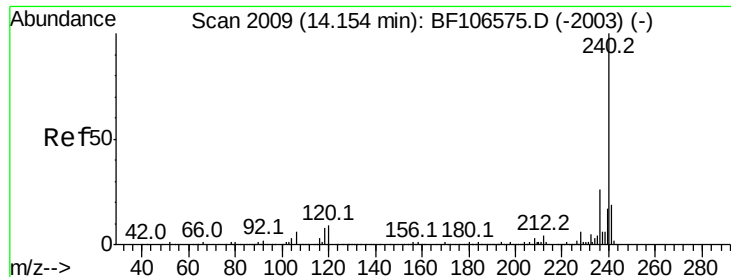
94 8.9 8.5 12.7

80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

Instrument :

BNA\_F

ClientSampleId :

MW-3

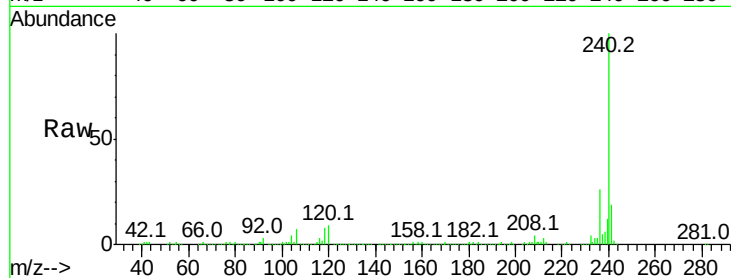
Tot Ion:240 Resp: 234177

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

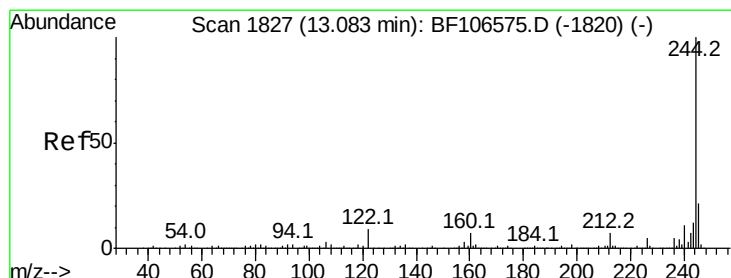
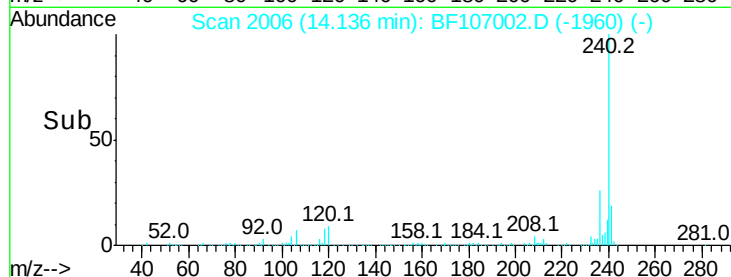
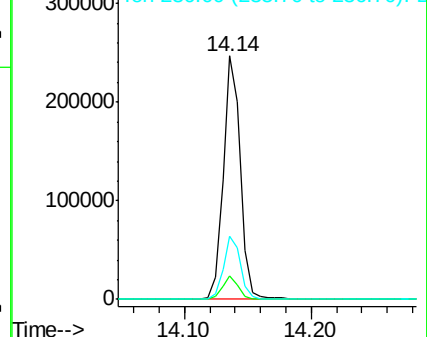
236 25.8 20.7 31.1



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: 85.821 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107002.D

Acq: 30 Jun 2018 4:37

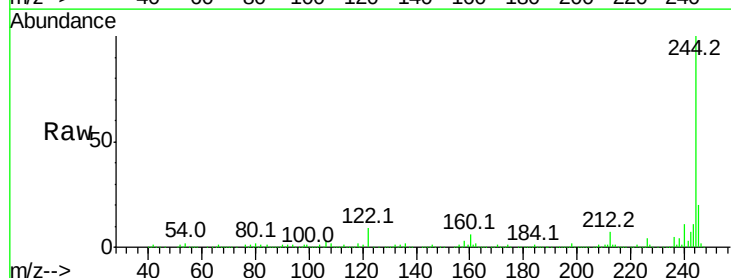
Tgt Ion:244 Resp: 829680

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

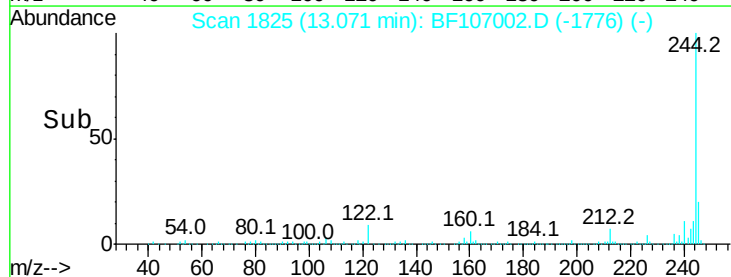
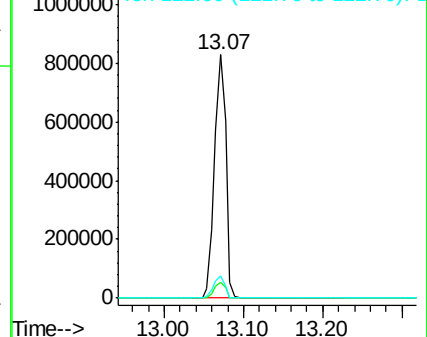
122 9.0 11.0 16.4#



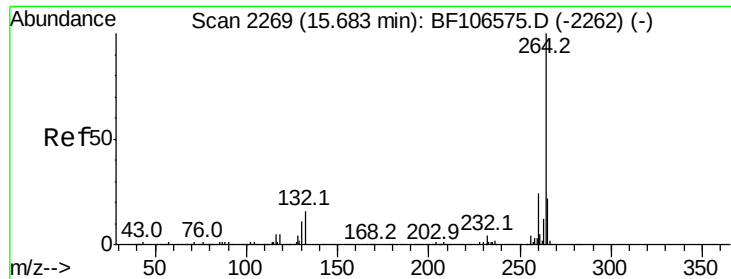
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



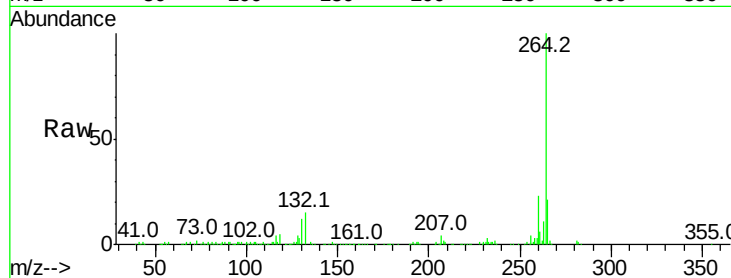




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.67 min Scan# 2267  
Delta R.T. -0.05 min  
Lab File: BF107002.D  
Acq: 30 Jun 2018 4:37

Instrument :  
BNA\_F  
ClientSampleId :  
MW-3

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.2  | 28.8  |
| 265     | 21.4  | 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

