

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\  
 Data File : BF106755.D  
 Acq On : 23 Jun 2018 12:35  
 Operator : JU/SJ  
 Sample : J3597-07  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-28

Quant Time: Jun 25 03:53:47 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 22 11:34:03 2018  
 Response via : Initial Calibration

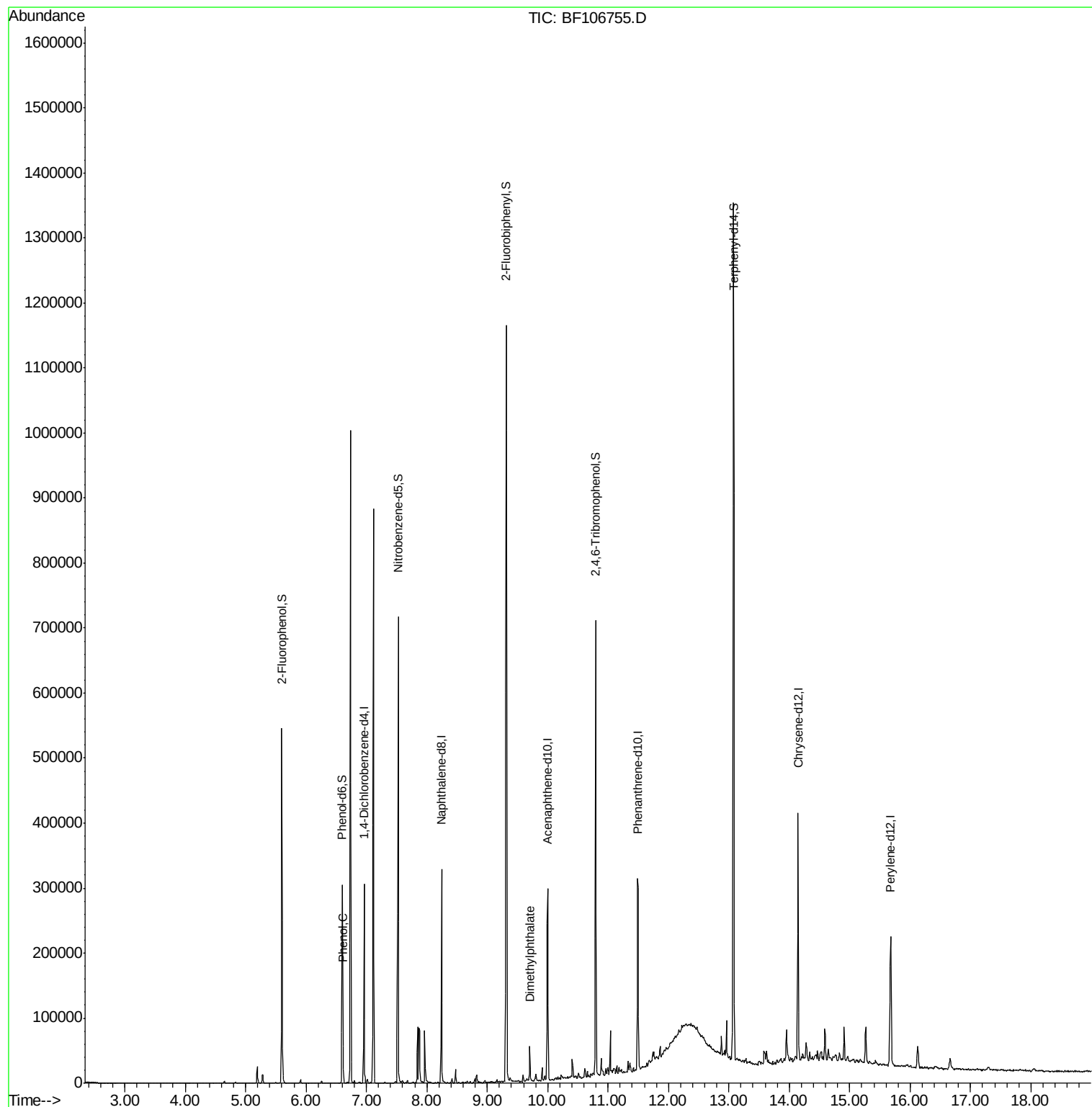
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 42959    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.24  | 136  | 142266   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.00 | 164  | 59577    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.49 | 188  | 116100   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 14.14 | 240  | 131411   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.68 | 264  | 96070    | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 147669   | 58.21  | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 105875   | 33.42  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 236478   | 92.38  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 97168    | 140.72 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 401393   | 120.14 | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.08 | 244  | 490052   | 90.33  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.61  | 94   | 10985    | 3.038  | ng    | 98       |
| 49) Dimethylphthalate       | 9.71  | 163  | 22293    | 4.989  | ng    | # 98     |

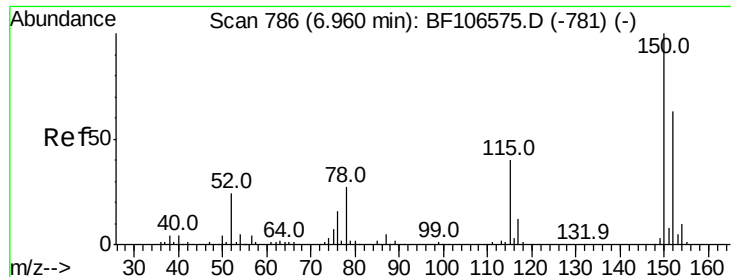
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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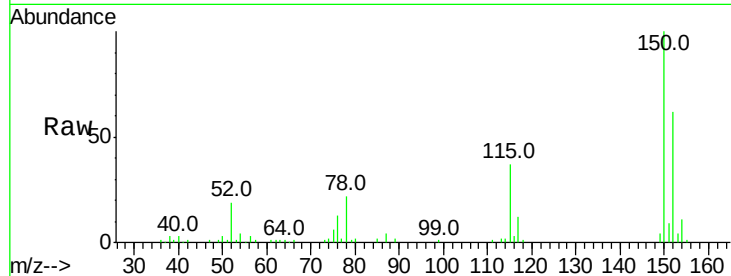


#1

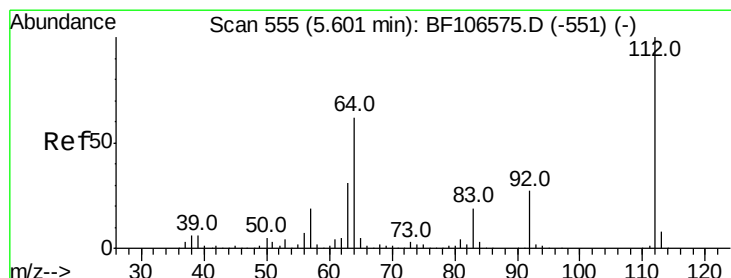
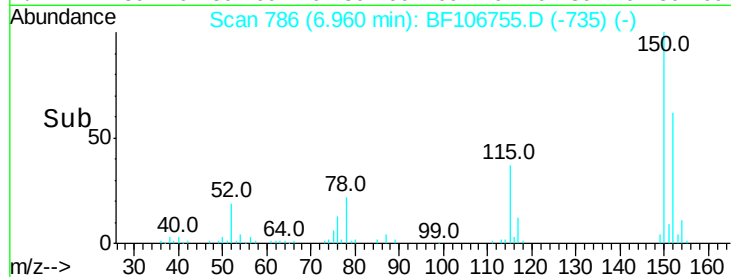
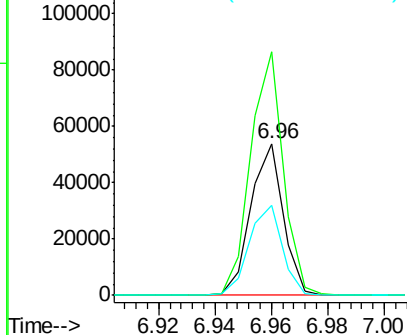
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 786  
Delta R.T. -0.00 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

Instrument :  
BNA\_F  
ClientSampleId :  
W-28

Tot Ion:152 Resp: 42959  
Ion Ratio Lower Upper  
152 100  
150 160.2 124.6 186.8  
115 59.1 50.1 75.1



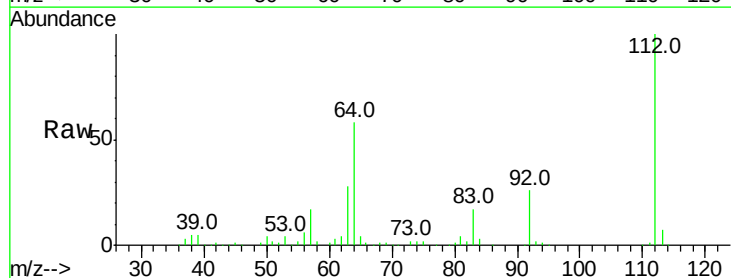
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



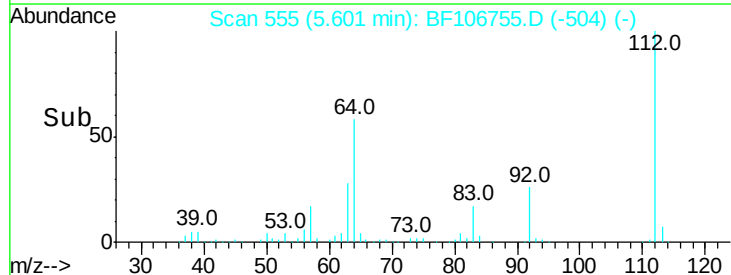
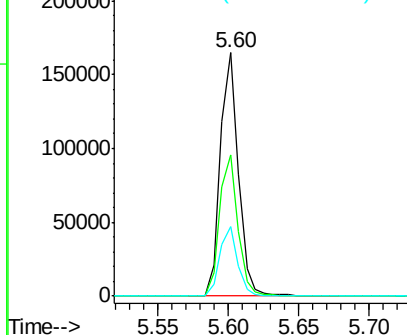
#5

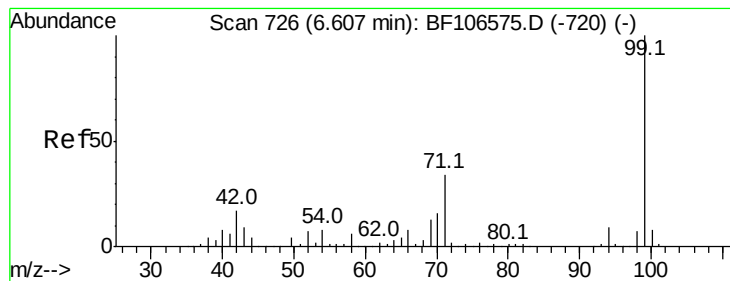
2-Fluorophenol  
Concen: 58.207 ng  
RT: 5.60 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

Tgt Ion:112 Resp: 147669  
Ion Ratio Lower Upper  
112 100  
64 57.8 47.9 71.9  
63 28.3 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: 33.418 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

Instrument :

BNA\_F

ClientSampled :

W-28

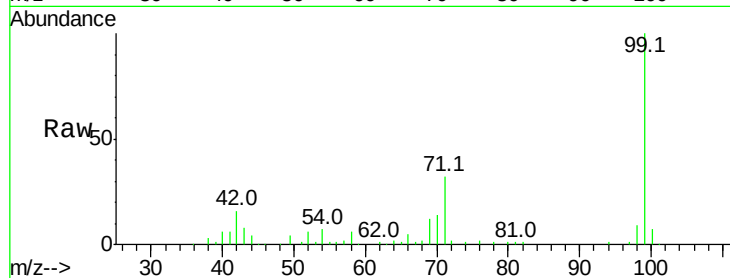
Tot Ion: 99 Resp: 105875

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.0 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

6.60

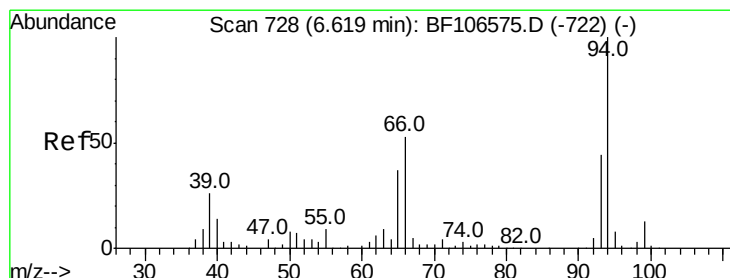
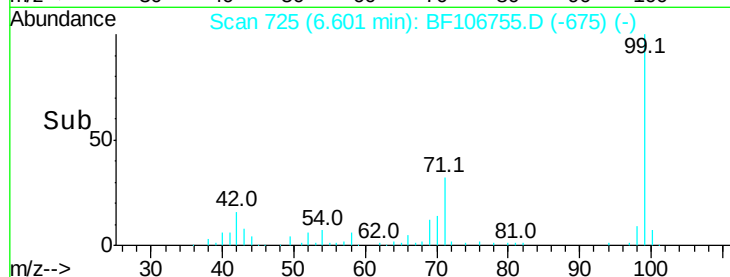
150000

100000

50000

0

Time-->



#10

Phenol

Concen: 3.038 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106755.D

Acq: 23 Jun 2018 12:35

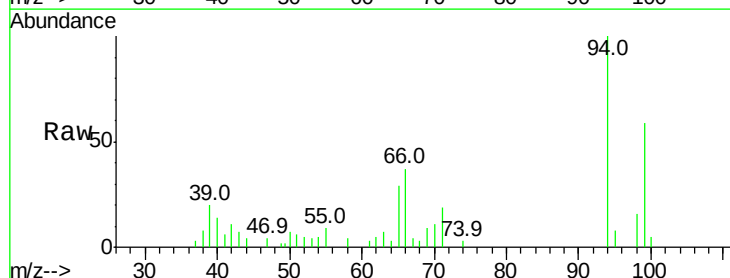
Tgt Ion: 94 Resp: 10985

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

66 37.1 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

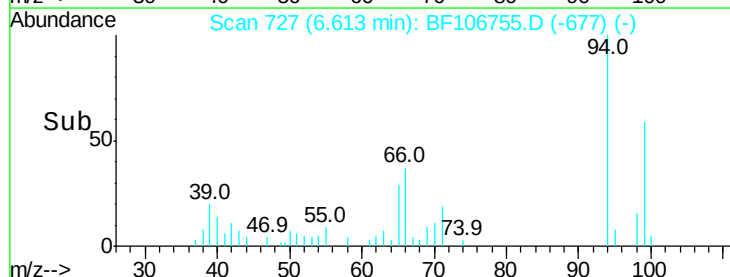
15000

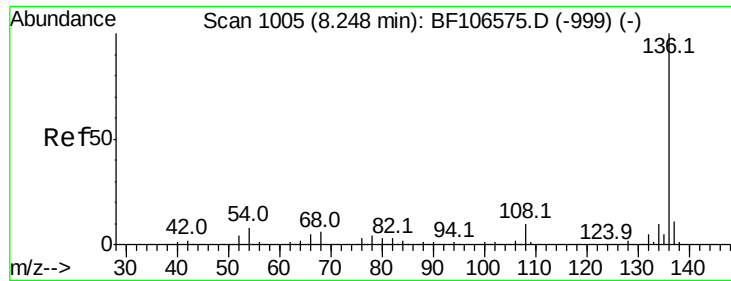
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5000

0

Time-->

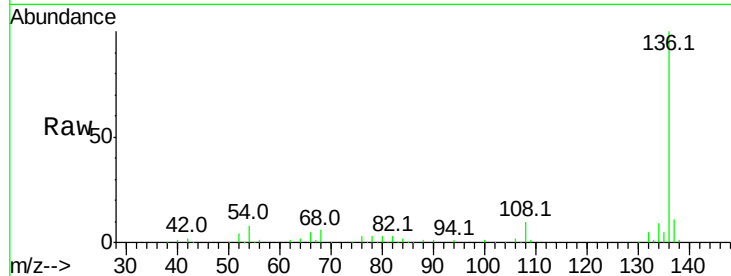




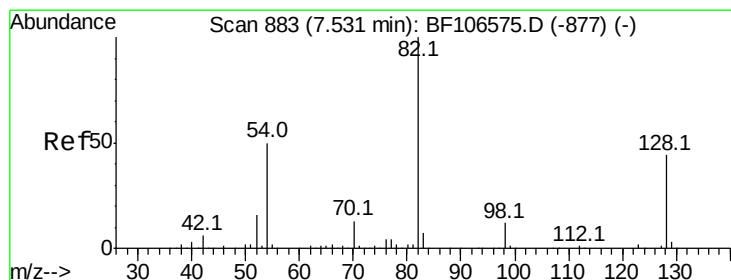
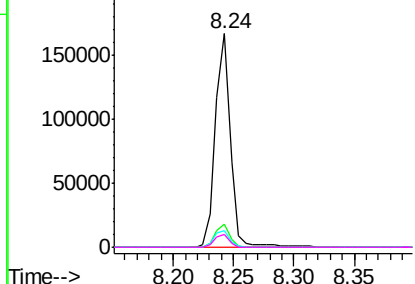
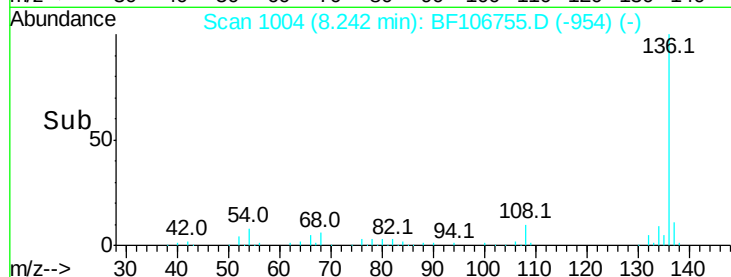
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

Instrument :  
BNA\_F  
ClientSampleId :  
W-28

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 142266 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.9   | 13.3   |
| 54       | 8.0   | 6.6   | 9.8    |
| 68       | 6.1   | 5.0   | 7.4    |

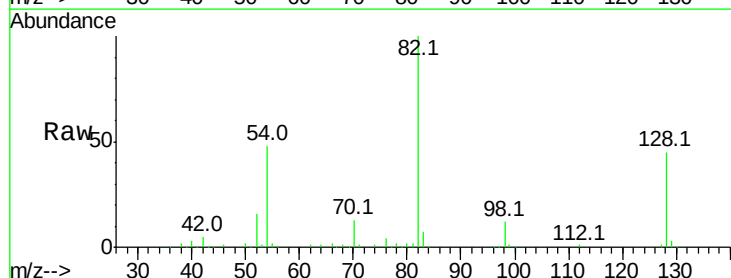


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

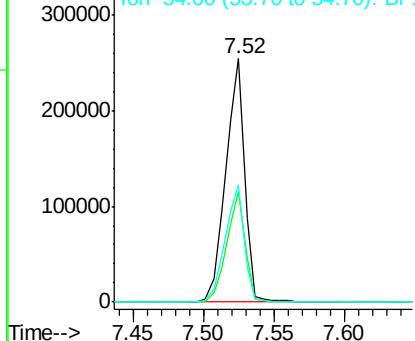
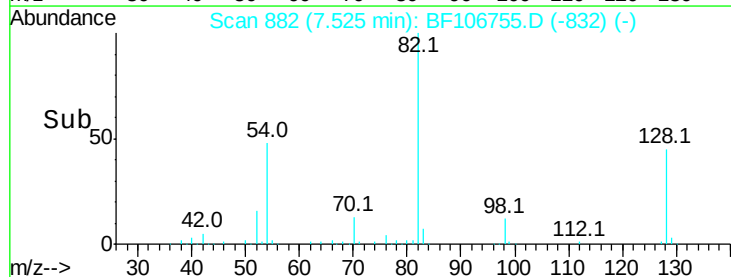


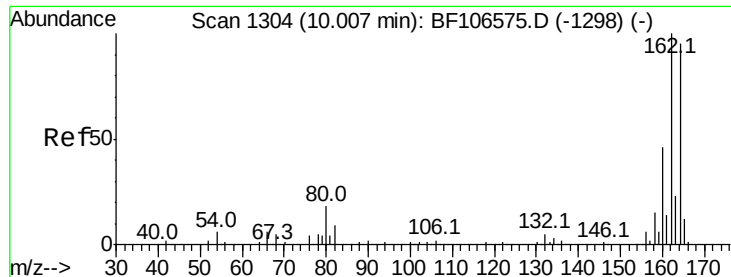
#23  
Nitrobenzene-d5  
Concen: 92.376 ng  
RT: 7.52 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 236478 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.4  | 36.1  | 54.1   |
| 54       | 47.9  | 41.4  | 62.2   |



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

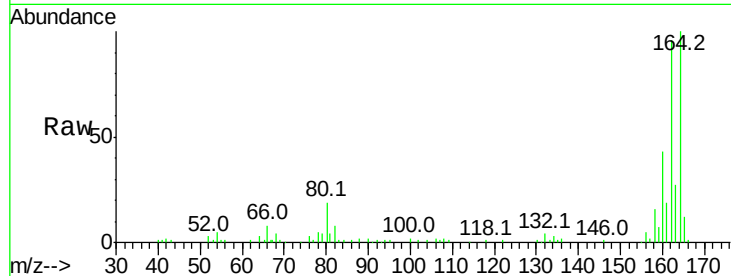




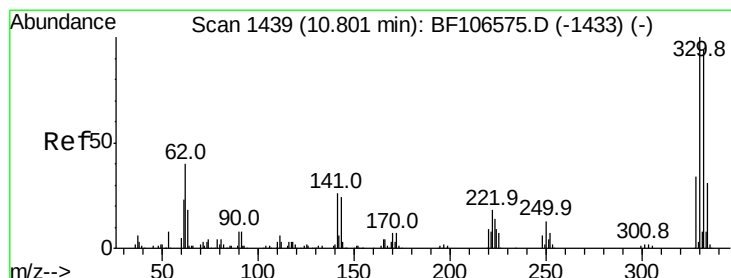
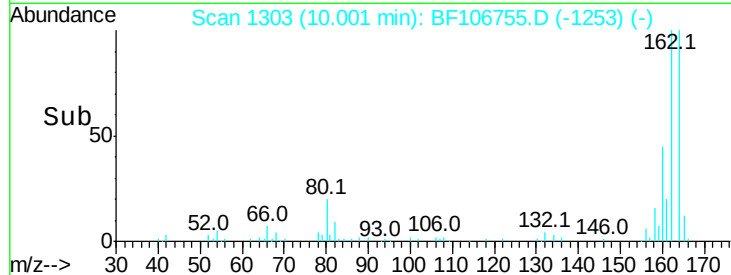
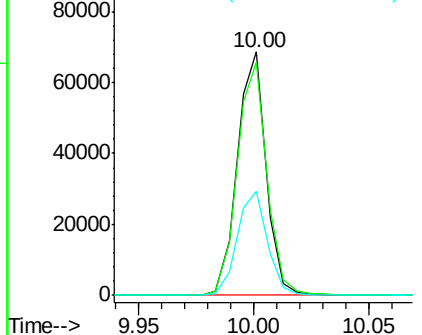
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.00 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BF106755.D  
 Acq: 23 Jun 2018 12:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-28

Tot Ion:164 Resp: 59577  
 Ion Ratio Lower Upper  
 164 100  
 162 95.6 86.1 129.1  
 160 42.9 38.3 57.5

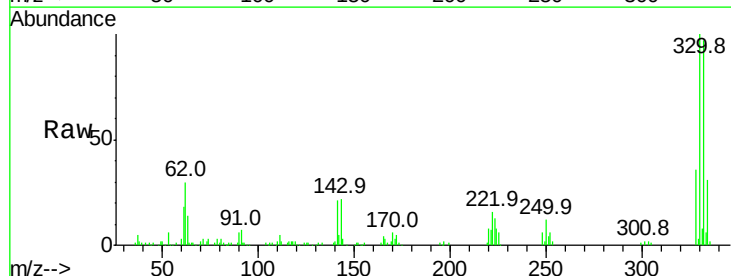


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

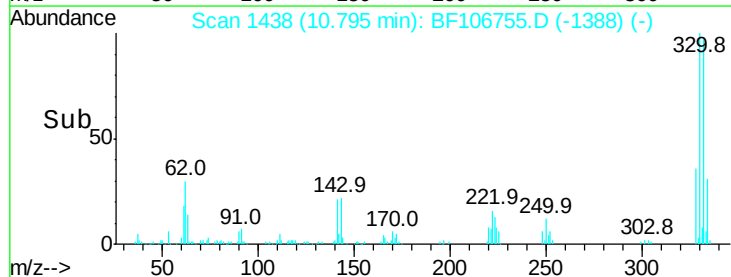
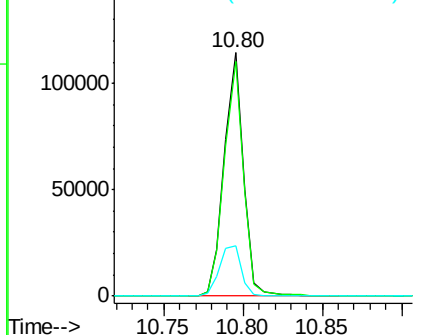


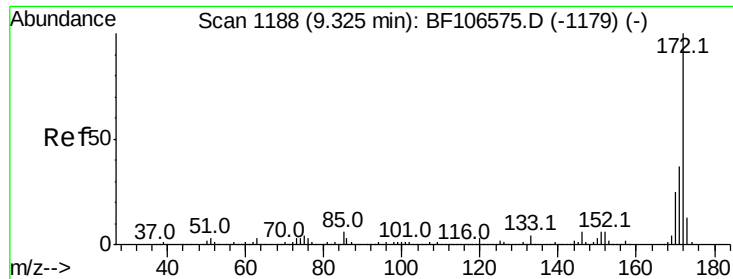
#41  
 2,4,6-Tribromophenol  
 Concen: 140.718 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF106755.D  
 Acq: 23 Jun 2018 12:35

Tgt Ion:330 Resp: 97168  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.0 115.6  
 141 23.8 29.9 44.9#



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

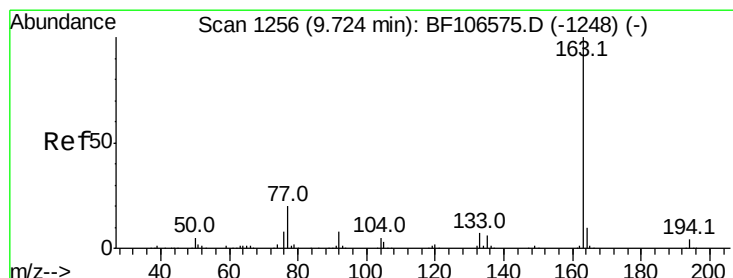
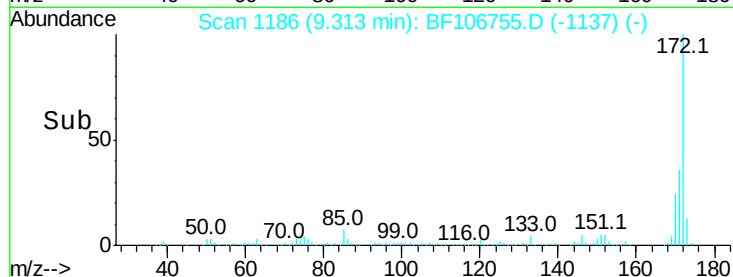
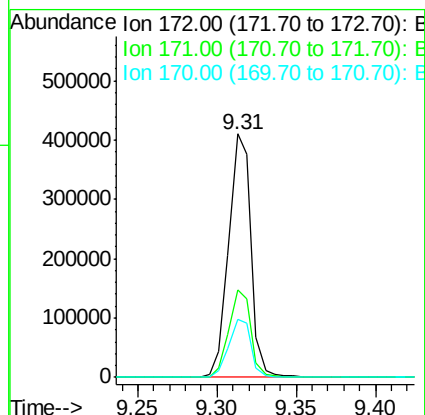
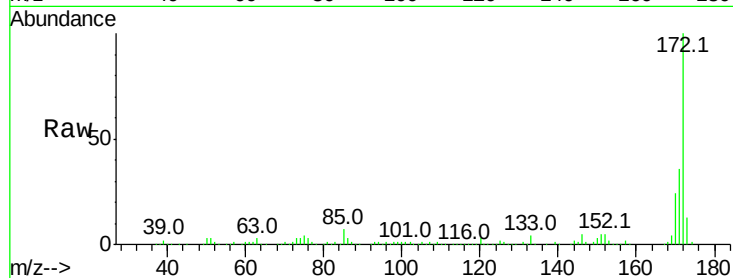




#44  
2-Fluorobiphenyl  
Concen: 120.136 ng  
RT: 9.31 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

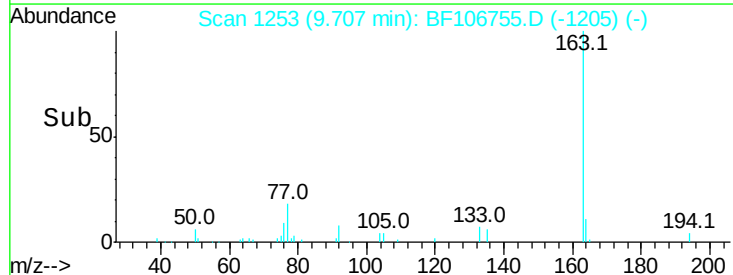
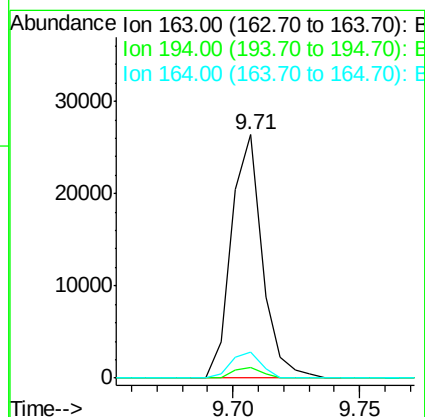
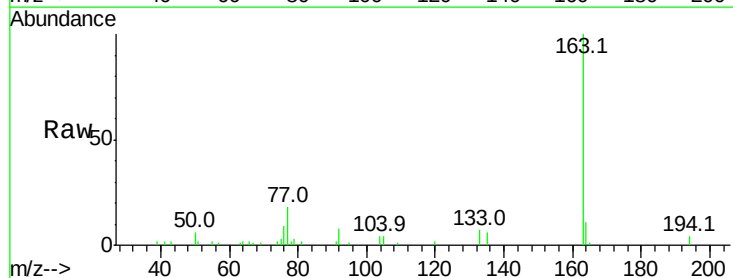
Instrument :  
BNA\_F  
ClientSampleId :  
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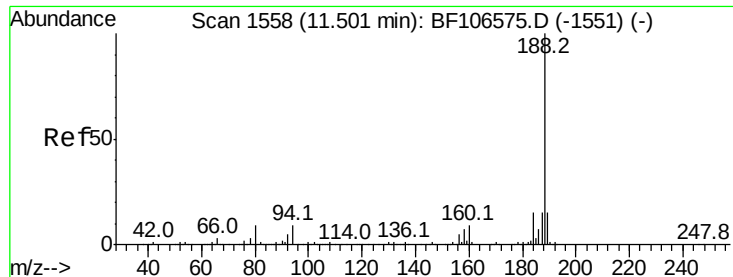
Tot Ion:172 Resp: 401393  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.7 44.5  
170 23.9 19.6 29.4



#49  
Dimethylphthalate  
Concen: 4.989 ng  
RT: 9.71 min Scan# 1253  
Delta R.T. -0.02 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

Tgt Ion:163 Resp: 22293  
Ion Ratio Lower Upper  
163 100  
194 4.1 2.7 4.1#  
164 10.8 8.2 12.2

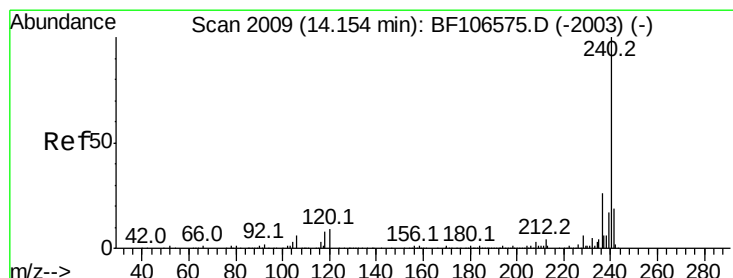
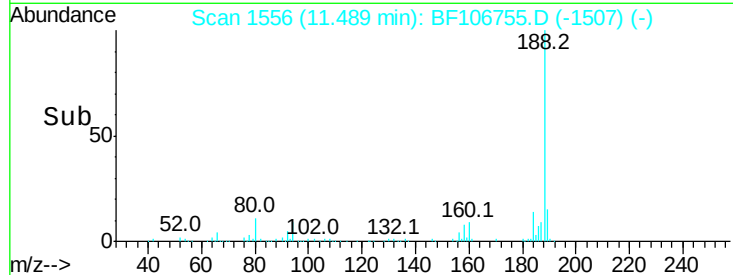
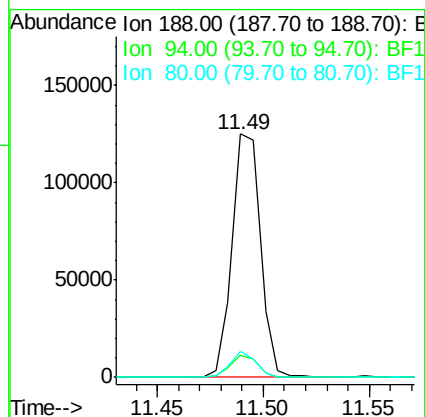
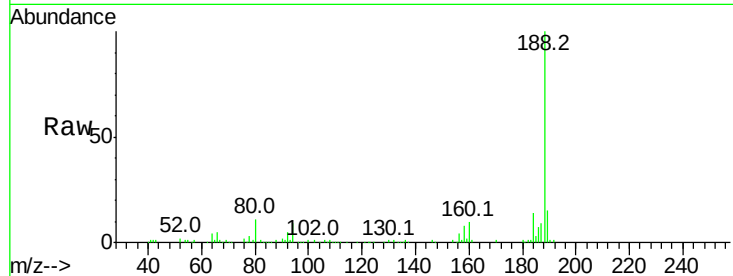




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.49 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

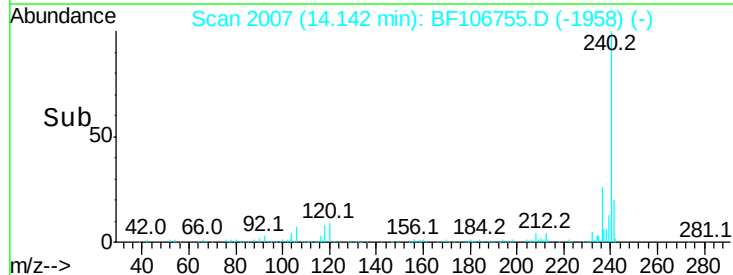
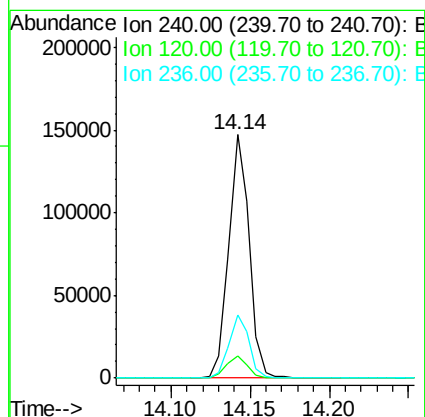
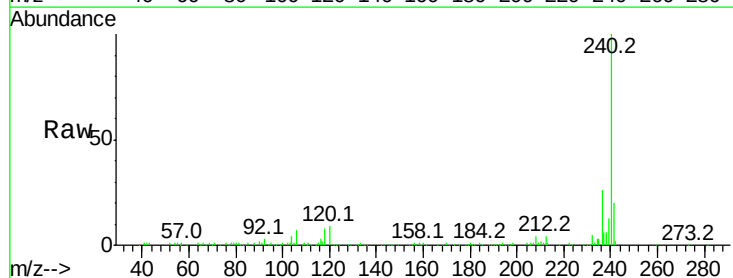
Instrument :  
BNA\_F  
ClientSampleId :  
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Tot Ion:188 Resp: 116100  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.5 12.7  
80 10.6 9.2 13.8

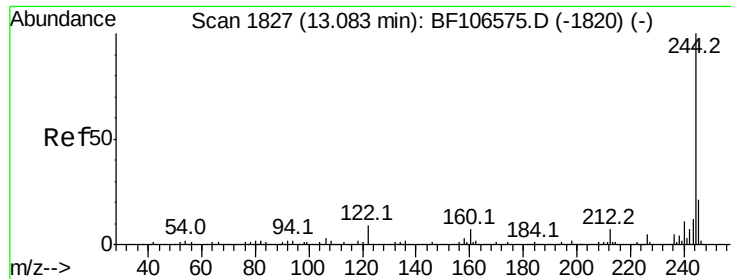


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.14 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BF106755.D  
Acq: 23 Jun 2018 12:35

Tgt Ion:240 Resp: 131411  
Ion Ratio Lower Upper  
240 100  
120 9.1 9.5 14.3#  
236 25.9 20.7 31.1



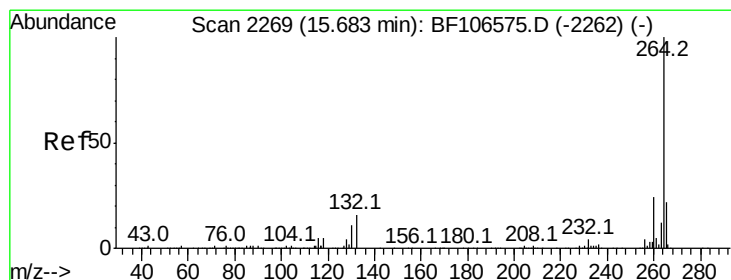
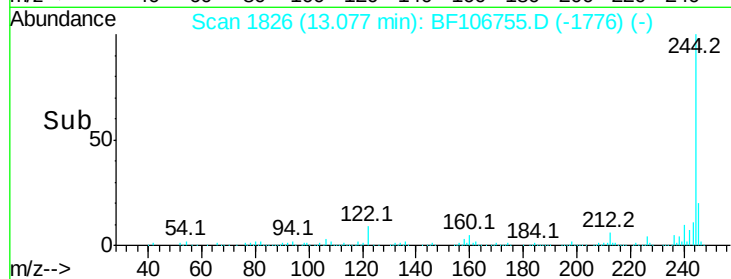
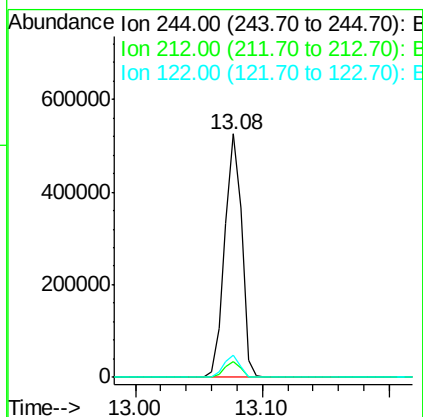
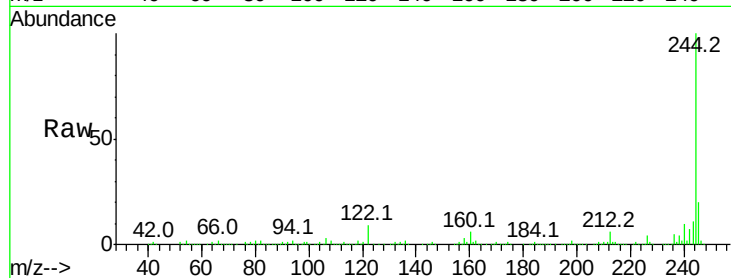




#78  
 Terphenyl-d14  
 Concen: 90.331 ng  
 RT: 13.08 min Scan# 1826  
 Delta R.T. -0.01 min  
 Lab File: BF106755.D  
 Acq: 23 Jun 2018 12:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-28

Tot Ion:244 Resp: 490052  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.4 8.0  
 122 9.0 11.0 16.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.68 min Scan# 2268  
 Delta R.T. -0.01 min  
 Lab File: BF106755.D  
 Acq: 23 Jun 2018 12:35

Tgt Ion:264 Resp: 96070  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.2 28.8  
 265 21.8 17.5 26.3

