

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\  
 Data File : BF106654.D  
 Acq On : 21 Jun 2018 11:52  
 Operator : JU/SJ  
 Sample : J3575-18  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-11-D

Quant Time: Jun 21 14:17:17 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 19 14:32:09 2018  
 Response via : Initial Calibration

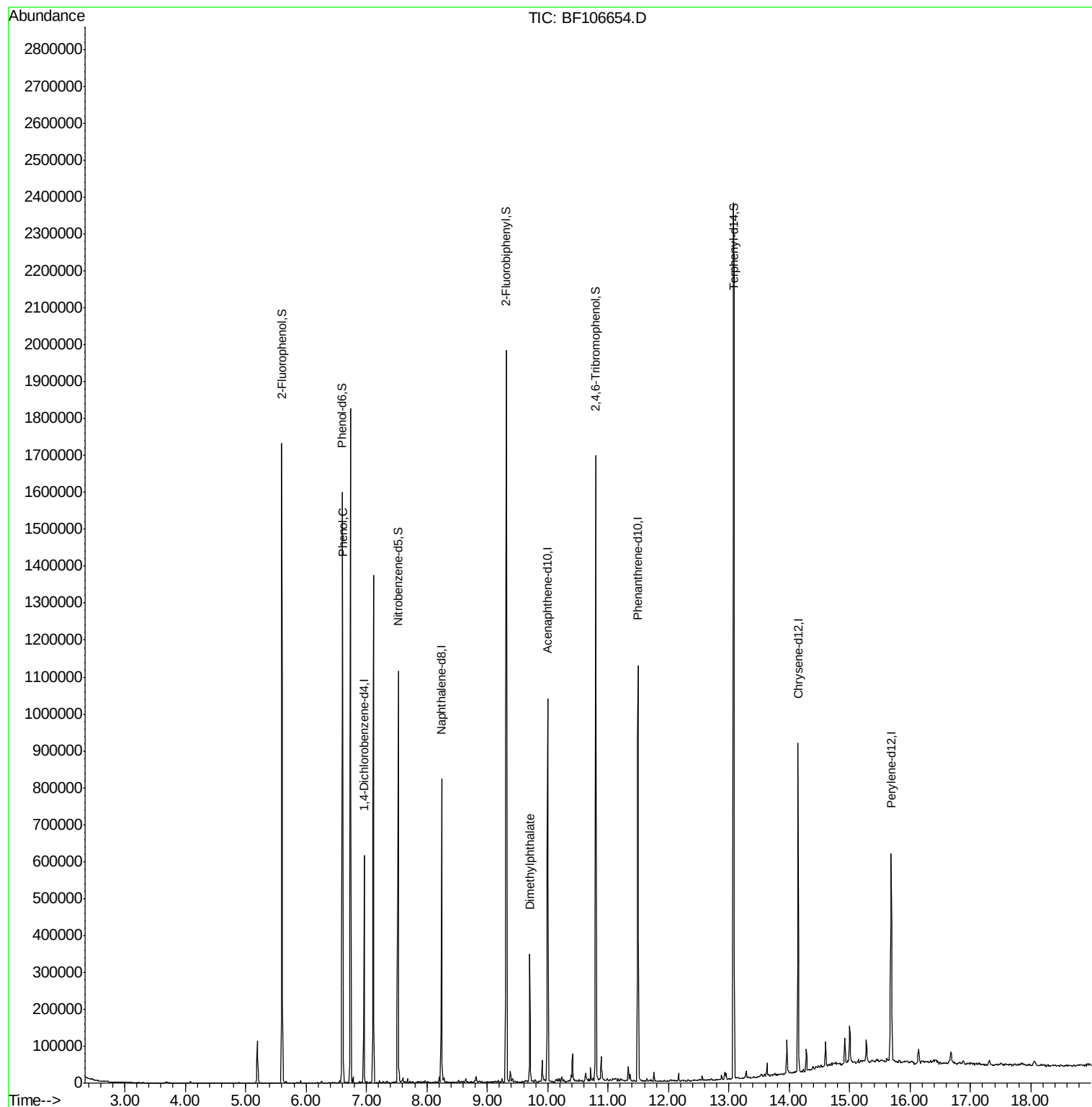
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 84890    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.24  | 136  | 347234   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.00 | 164  | 195597   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.50 | 188  | 418037   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.15 | 240  | 320355   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.69 | 264  | 285464   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 447346   | 89.23  | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 581753   | 92.92  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 378783   | 60.62  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 244546   | 107.87 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 682974   | 53.66  | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.08 | 244  | 946008   | 71.53  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.61  | 94   | 15686    | 2.195  | ng    | 82       |
| 49) Dimethylphthalate       | 9.71  | 163  | 121794   | 8.302  | ng    | # 98     |

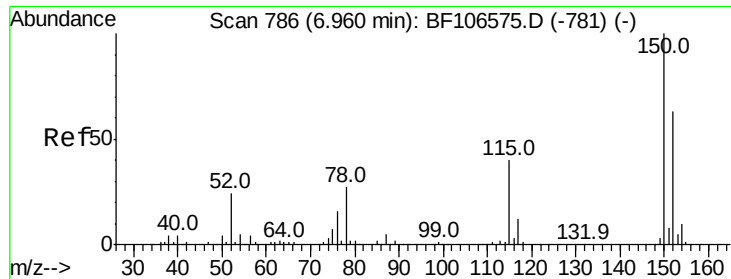
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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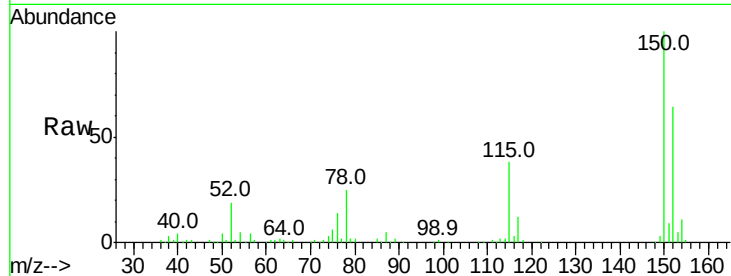


#1

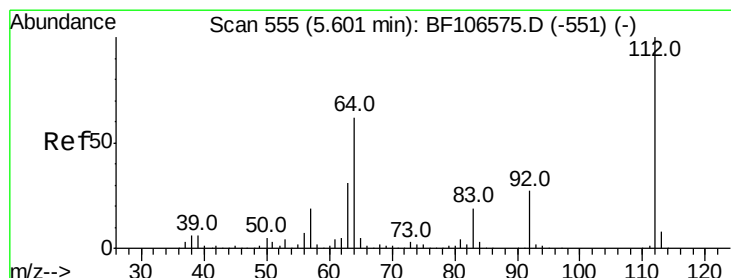
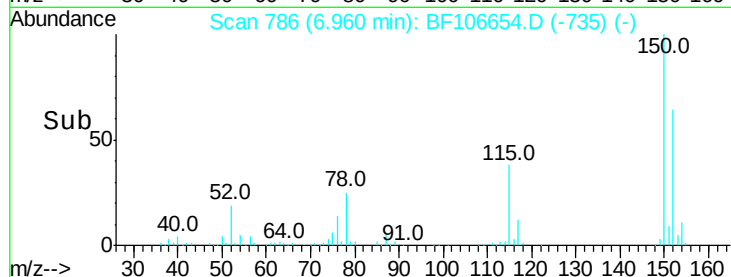
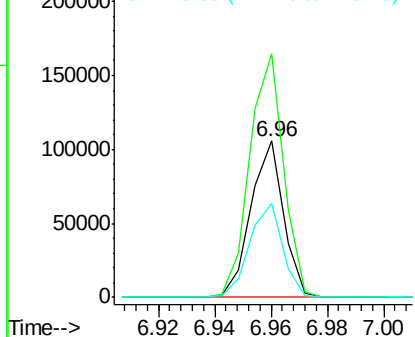
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 786  
Delta R.T. 0.00 min  
Lab File: BF106654.D  
Acq: 21 Jun 2018 11:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-11-D

Tot Ion:152 Resp: 84890  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.6 186.8  
115 59.7 50.1 75.1



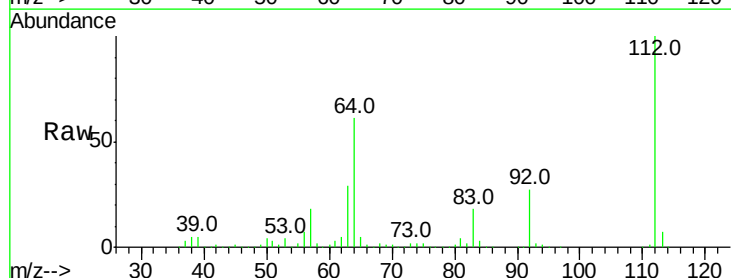
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



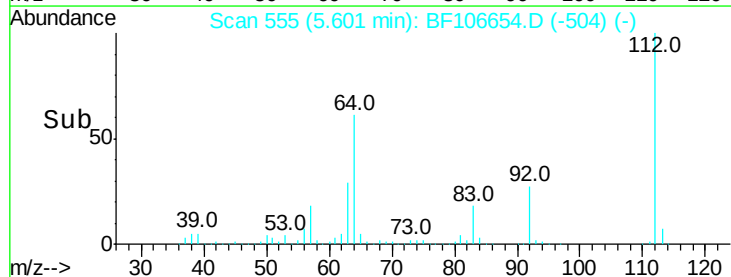
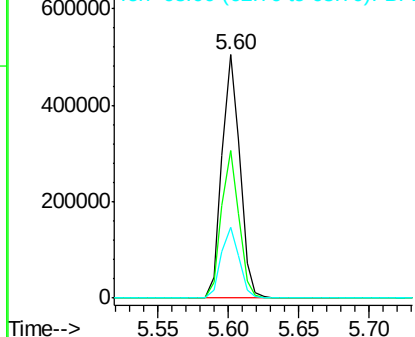
#5

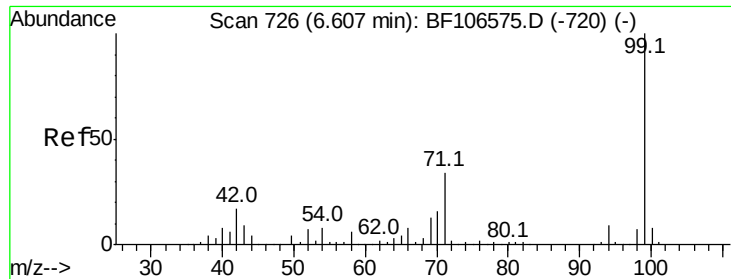
2-Fluorophenol  
Concen: 89.233 ng  
RT: 5.60 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF106654.D  
Acq: 21 Jun 2018 11:52

Tgt Ion:112 Resp: 447346  
Ion Ratio Lower Upper  
112 100  
64 60.8 47.9 71.9  
63 29.1 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: 92.924 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106654.D

Acq: 21 Jun 2018 11:52

Instrument :

BNA\_F

ClientSampleId :

TP-11-D

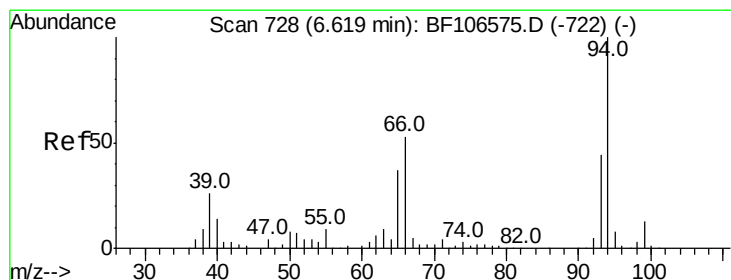
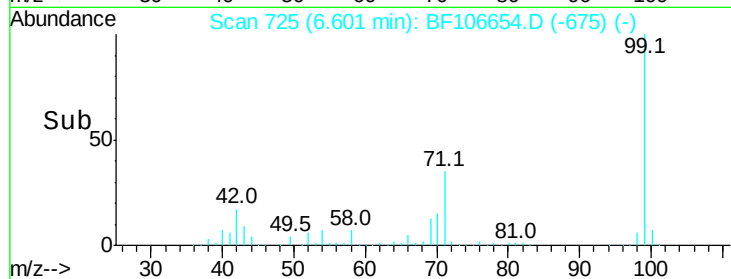
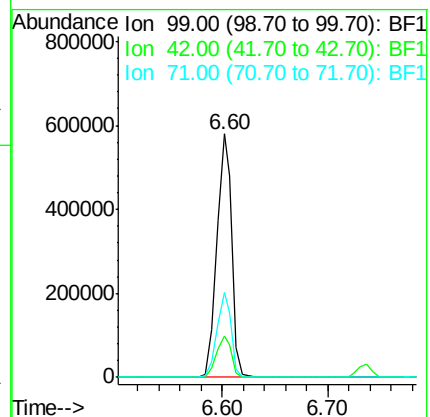
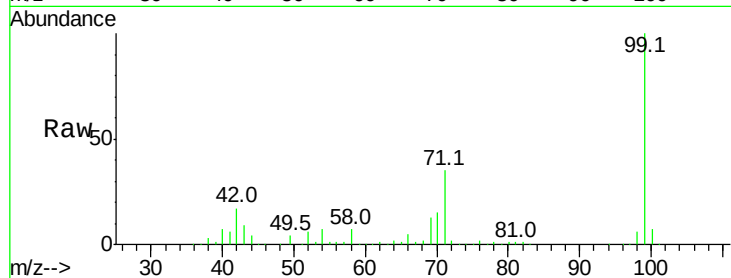
Tot Ion: 99 Resp: 581753

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 2.195 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106654.D

Acq: 21 Jun 2018 11:52

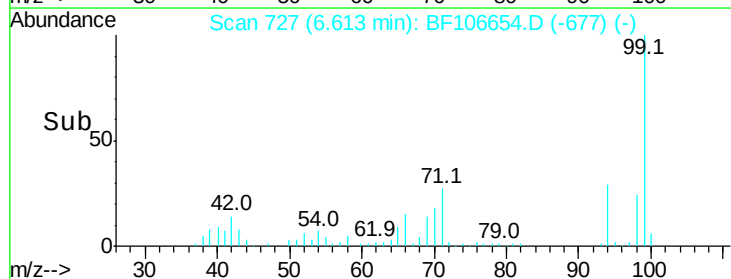
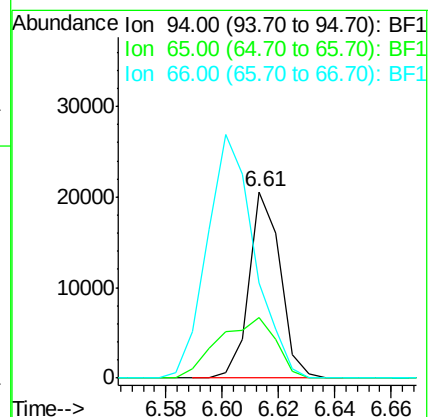
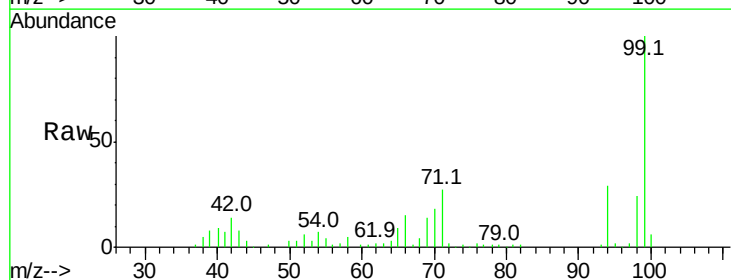
Tgt Ion: 94 Resp: 15686

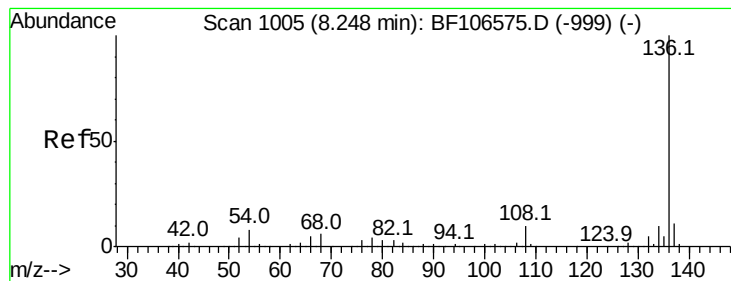
Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

66 51.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106654.D

Acq: 21 Jun 2018 11:52

Instrument :

BNA\_F

ClientSampleId :

TP-11-D

Tot Ion:136 Resp: 347234

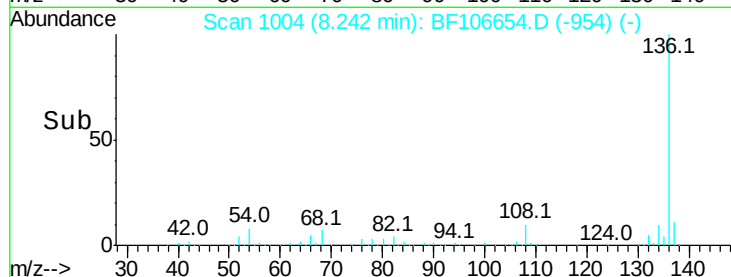
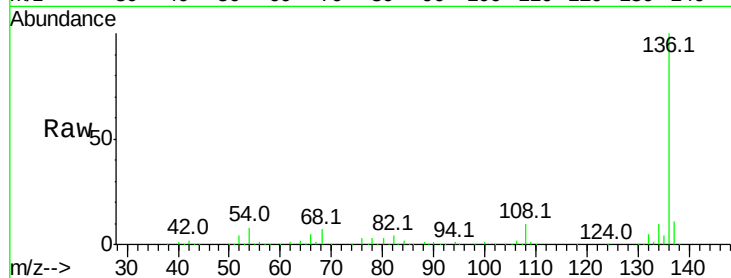
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.3 6.6 9.8

68 6.5 5.0 7.4

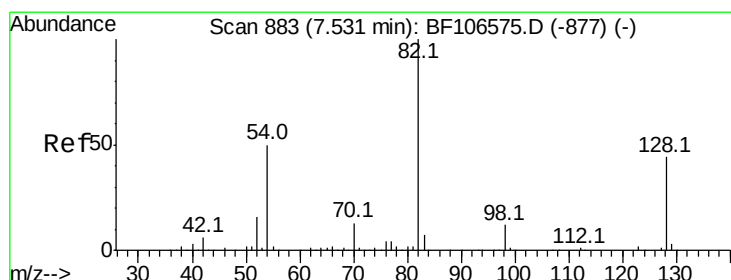
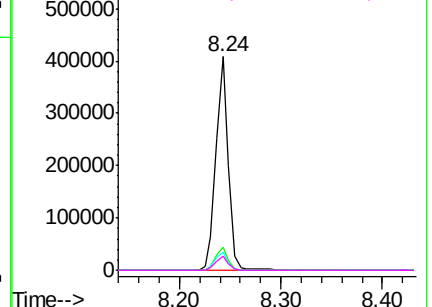


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.623 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106654.D

Acq: 21 Jun 2018 11:52

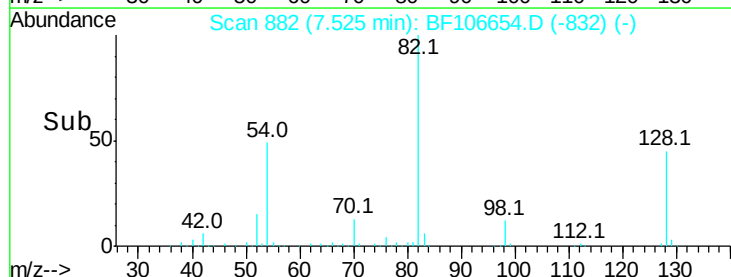
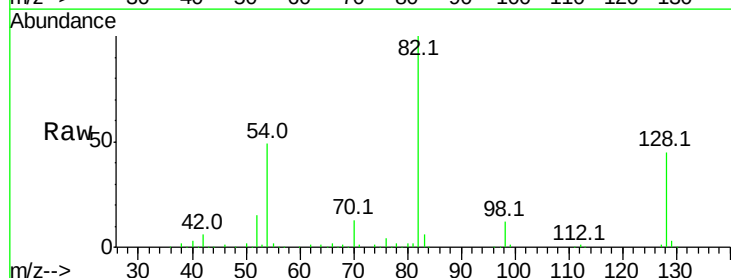
Tgt Ion: 82 Resp: 378783

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

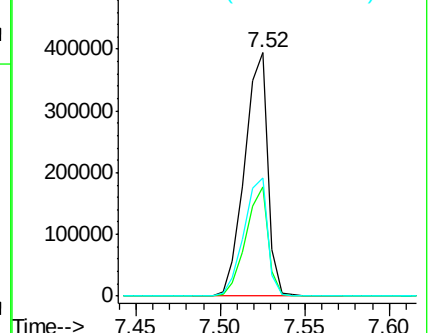
54 48.5 41.4 62.2

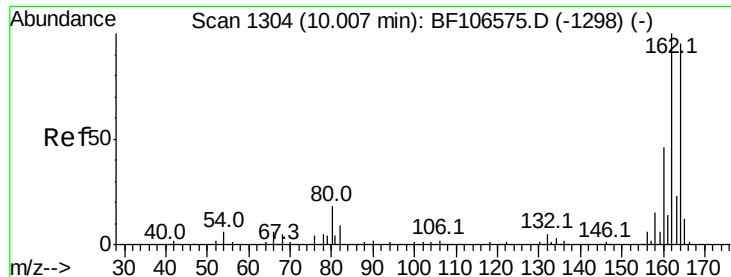


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

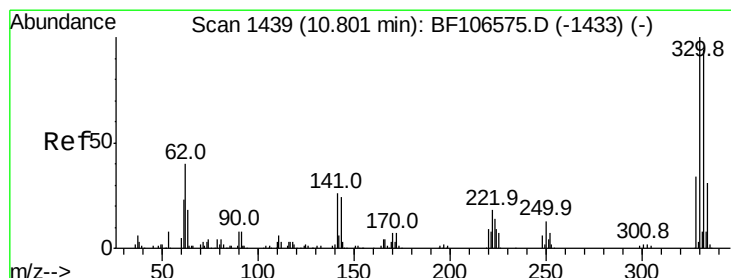
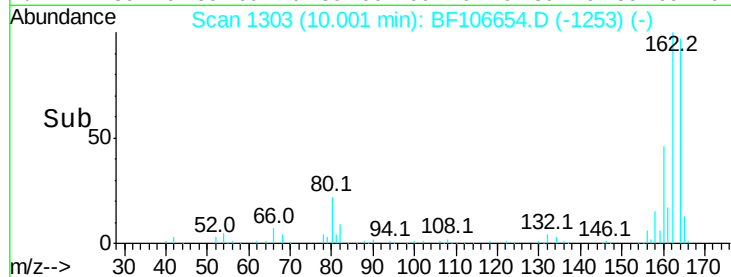
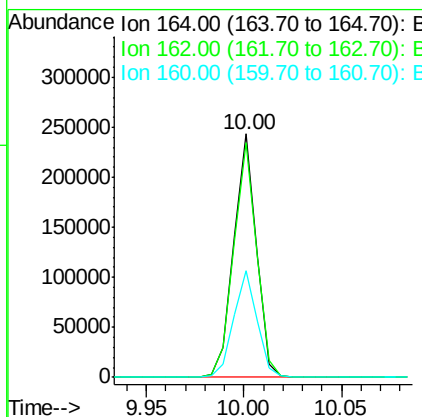
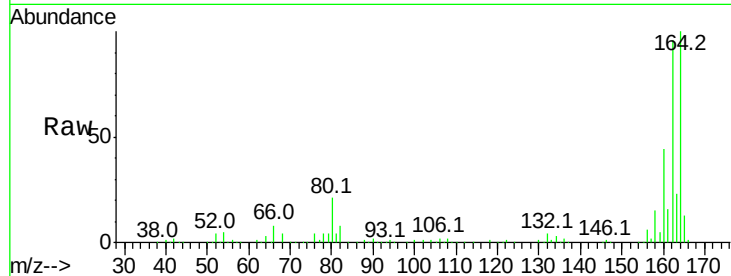




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF106654.D  
Acq: 21 Jun 2018 11:52

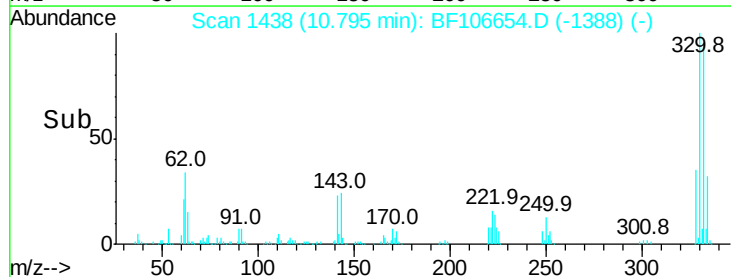
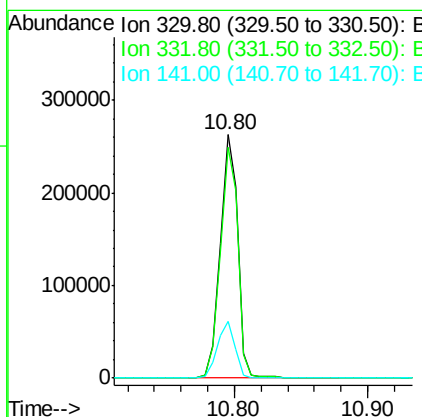
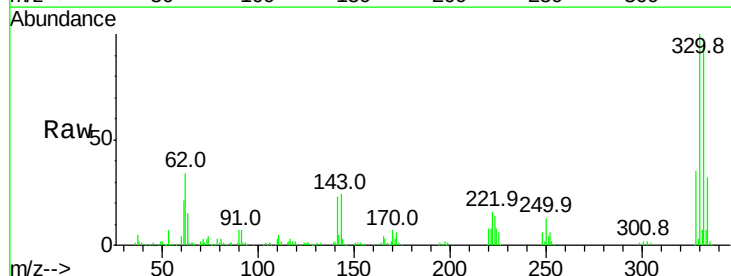
Instrument :  
BNA\_F  
ClientSampleId :  
TP-11-D

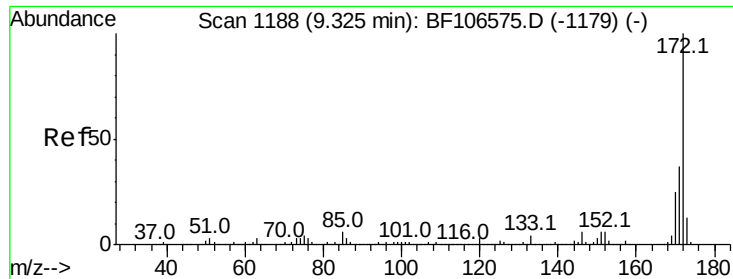
Tot Ion:164 Resp: 195597  
Ion Ratio Lower Upper  
164 100  
162 96.3 86.1 129.1  
160 43.8 38.3 57.5



#41  
2,4,6-Tribromophenol  
Concen: 107.871 ng  
RT: 10.80 min Scan# 1438  
Delta R.T. -0.01 min  
Lab File: BF106654.D  
Acq: 21 Jun 2018 11:52

Tgt Ion:330 Resp: 244546  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.0 115.6  
141 23.4 29.9 44.9#

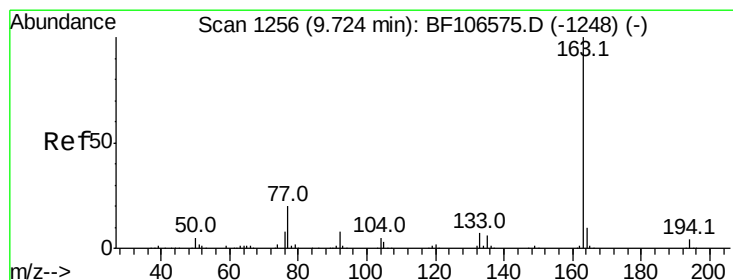
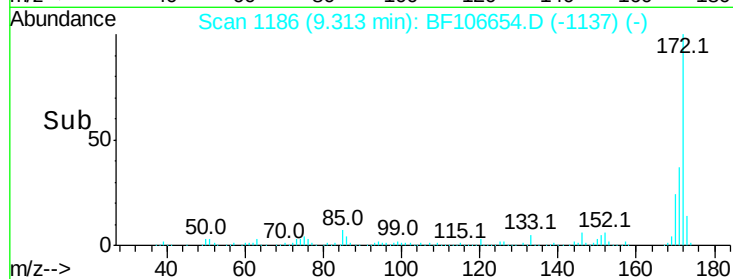
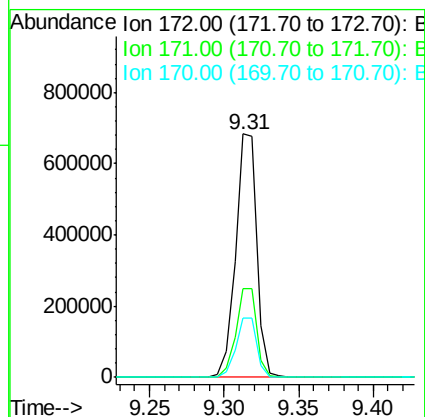
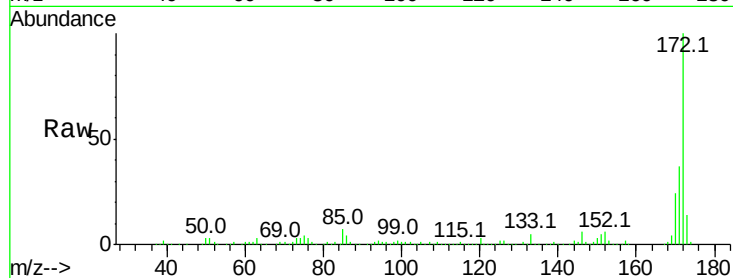




#44  
 2-Fluorobiphenyl  
 Concen: 53.664 ng  
 RT: 9.31 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF106654.D  
 Acq: 21 Jun 2018 11:52

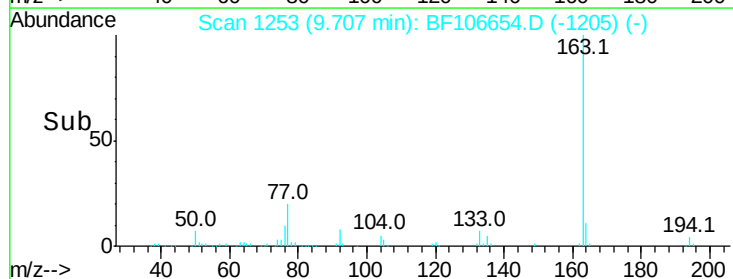
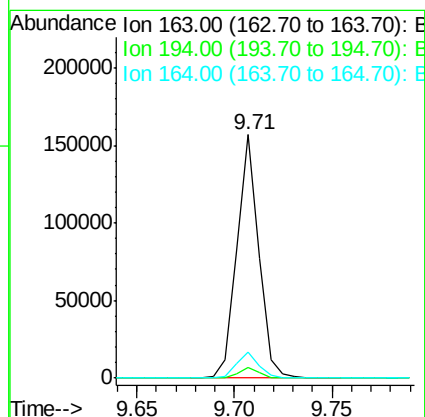
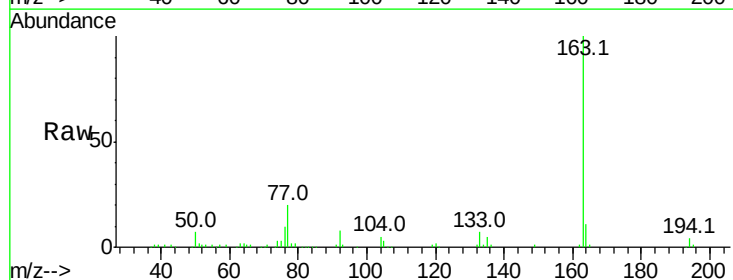
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-11-D

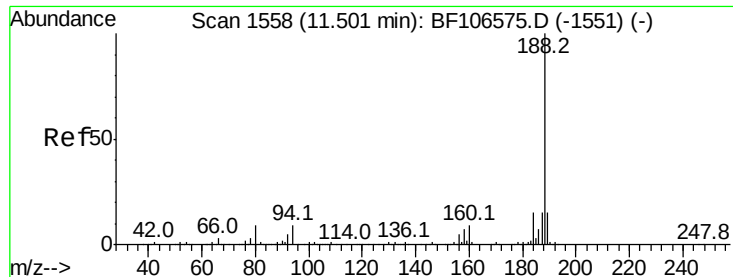
Tot Ion:172 Resp: 682974  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 29.7 44.5  
 170 24.2 19.6 29.4



#49  
 Dimethylphthalate  
 Concen: 8.302 ng  
 RT: 9.71 min Scan# 1253  
 Delta R.T. -0.02 min  
 Lab File: BF106654.D  
 Acq: 21 Jun 2018 11:52

Tgt Ion:163 Resp: 121794  
 Ion Ratio Lower Upper  
 163 100  
 194 4.2 2.7 4.1#  
 164 10.7 8.2 12.2

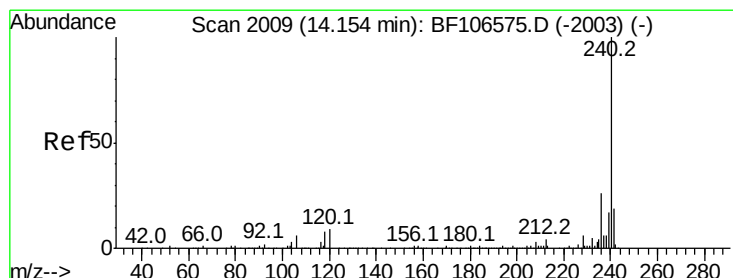
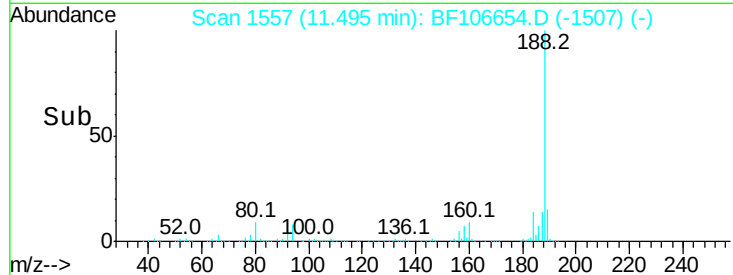
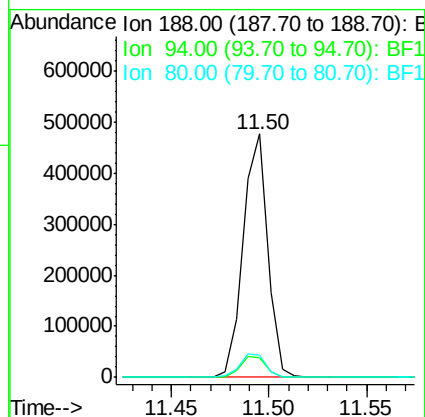
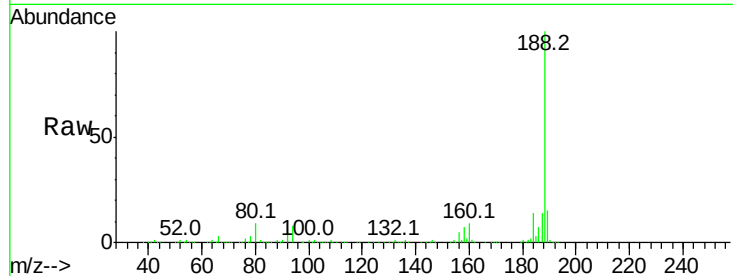




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: BF106654.D  
Acq: 21 Jun 2018 11:52

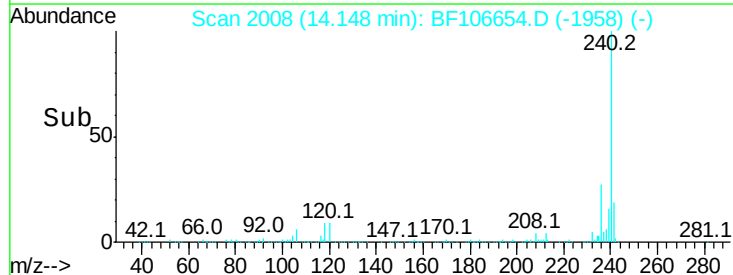
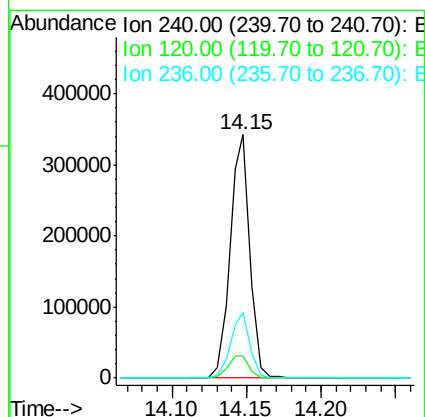
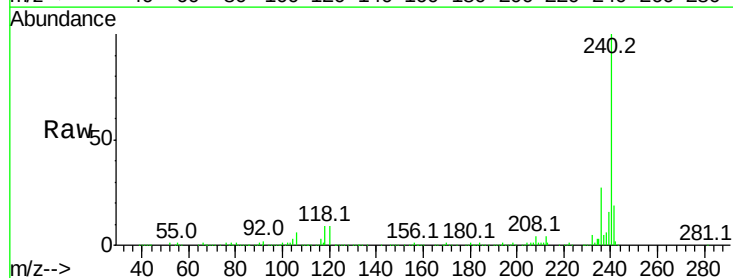
Instrument :  
BNA\_F  
ClientSampleId :  
TP-11-D

Tot Ion:188 Resp: 418037  
Ion Ratio Lower Upper  
188 100  
94 8.3 8.5 12.7#  
80 9.0 9.2 13.8#

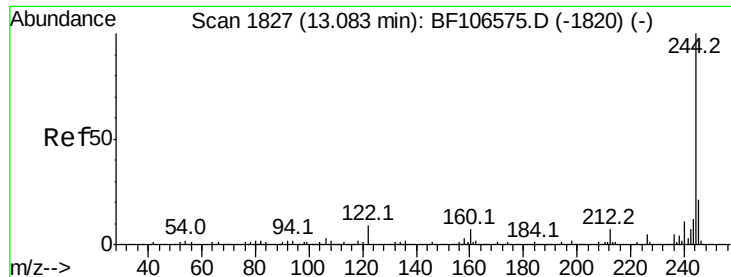


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.15 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BF106654.D  
Acq: 21 Jun 2018 11:52

Tgt Ion:240 Resp: 320355  
Ion Ratio Lower Upper  
240 100  
120 9.2 9.5 14.3#  
236 26.9 20.7 31.1



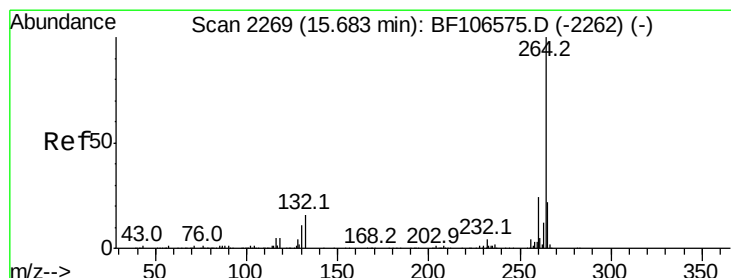
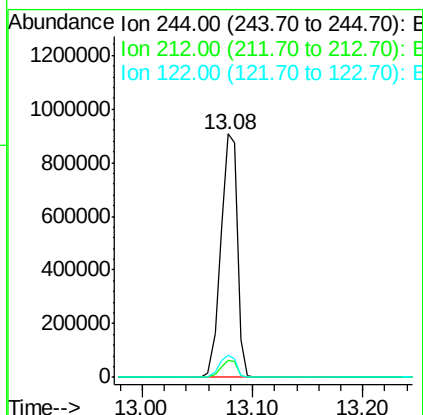
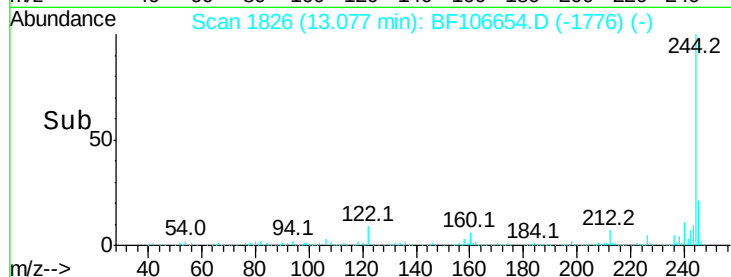
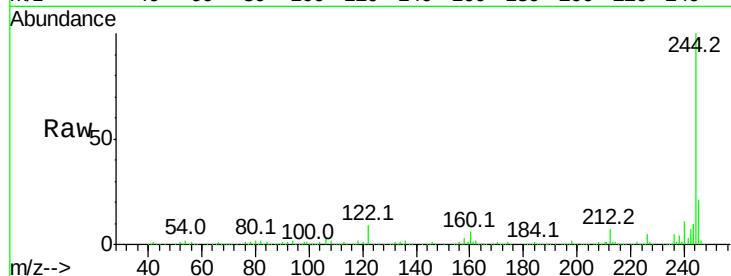




#78  
 Terphenyl-d14  
 Concen: 71.530 ng  
 RT: 13.08 min Scan# 1826  
 Delta R.T. -0.01 min  
 Lab File: BF106654.D  
 Acq: 21 Jun 2018 11:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-11-D

Tot Ion:244 Resp: 946008  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.0  
 122 9.3 11.0 16.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2270  
 Delta R.T. 0.01 min  
 Lab File: BF106654.D  
 Acq: 21 Jun 2018 11:52

Tgt Ion:264 Resp: 285464  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.2 28.8  
 265 22.2 17.5 26.3

