

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\  
 Data File : BF109823.D  
 Acq On : 12 Oct 2018 9:00  
 Operator : JU/SJ  
 Sample : J5296-15  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100418-DBRI-E-U-B

Quant Time: Oct 12 10:47:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

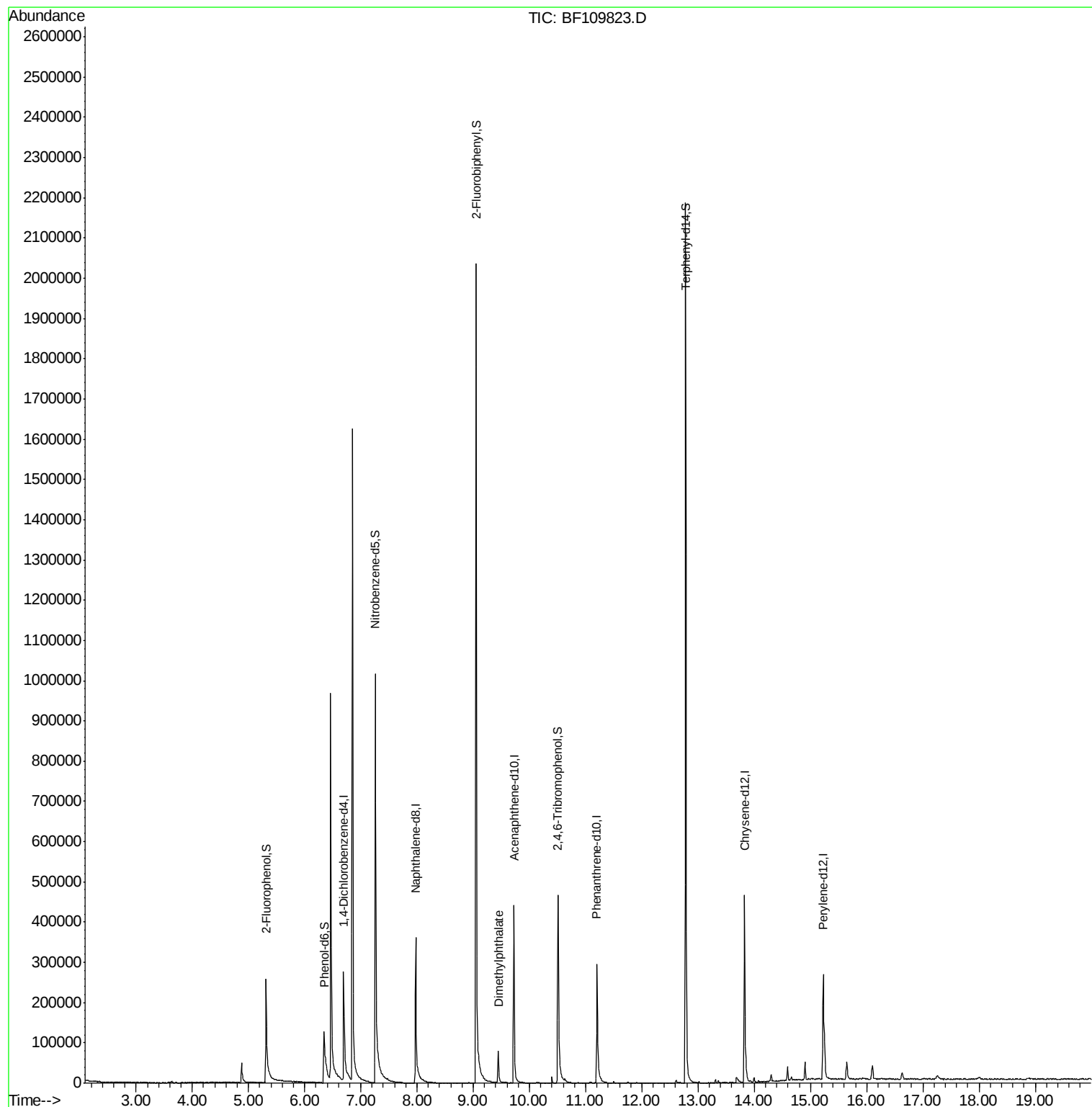
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 71054    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.97  | 136  | 275857   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.72  | 164  | 108473   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.20 | 188  | 197791   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.83 | 240  | 222369   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.23 | 264  | 160070   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.31  | 112  | 135261   | 33.79  | ng    | -0.01    |
| 7) Phenol-d6                | 6.35  | 99   | 134401   | 25.13  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 504251   | 100.76 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 95097    | 80.46  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 850359   | 107.97 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.78 | 244  | 857697   | 74.67  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.45  | 163  | 49915    | 6.274  | ng    | 99       |

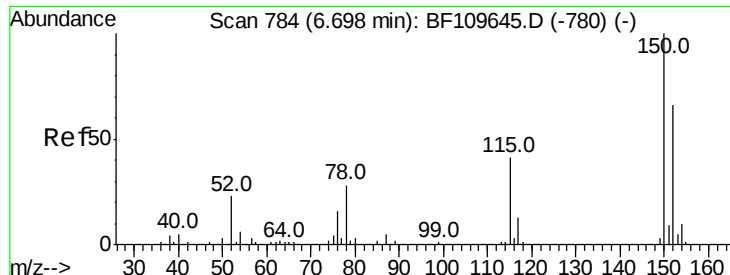
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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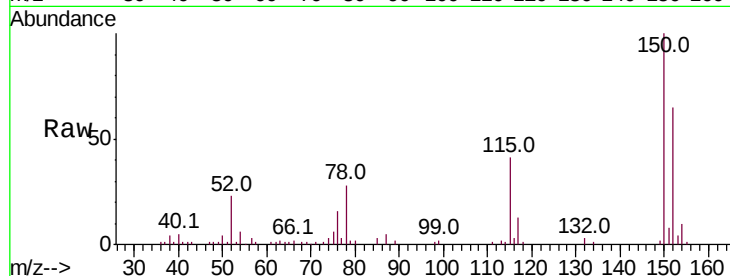


#1

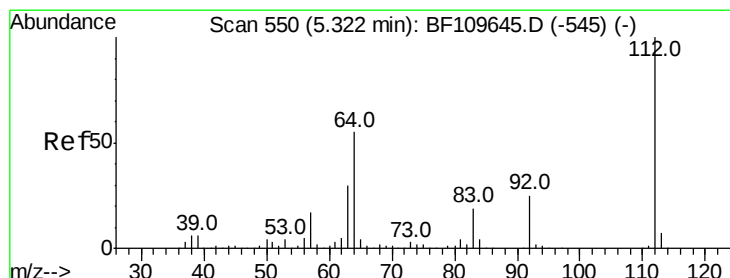
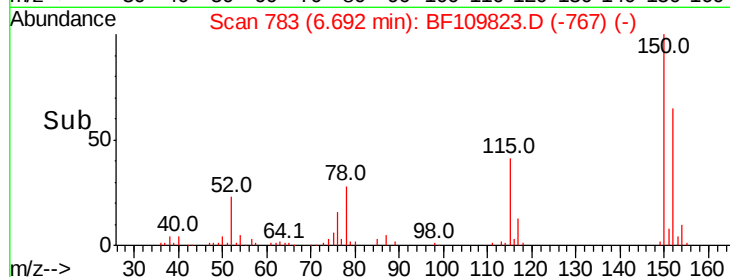
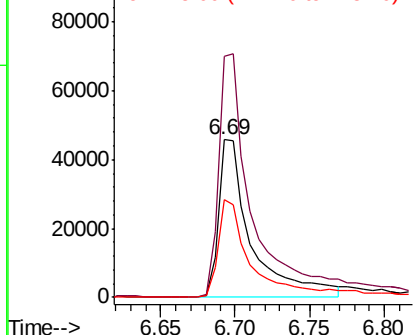
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BF109823.D  
Acq: 12 Oct 2018 9:00

Instrument :  
BNA\_F  
ClientSampleId :  
100418-DBRI-E-U-B

Tot Ion:152 Resp: 71054  
Ion Ratio Lower Upper  
152 100  
150 152.8 122.7 184.1  
115 61.9 49.1 73.7



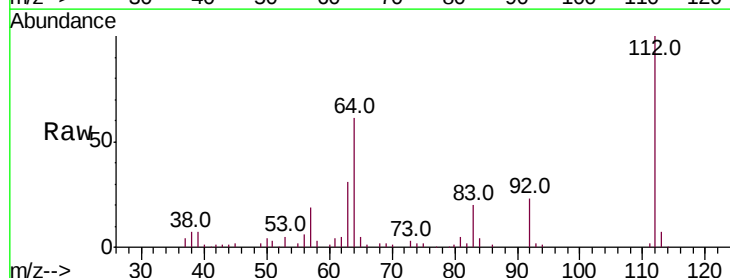
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



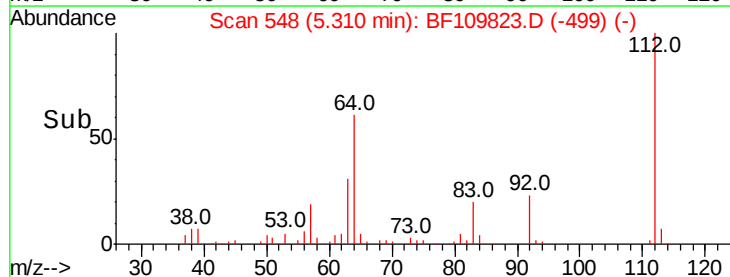
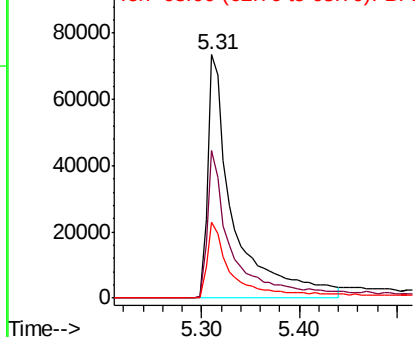
#5

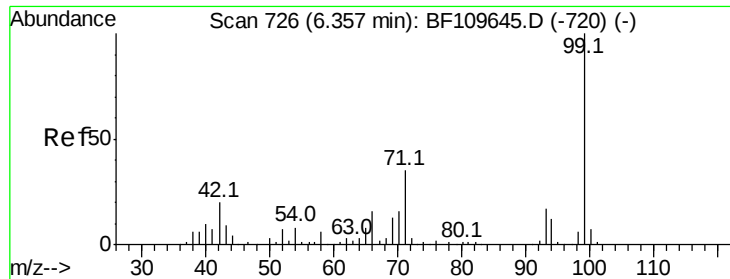
2-Fluorophenol  
Concen: 33.790 ng  
RT: 5.31 min Scan# 548  
Delta R.T. -0.01 min  
Lab File: BF109823.D  
Acq: 12 Oct 2018 9:00

Tgt Ion:112 Resp: 135261  
Ion Ratio Lower Upper  
112 100  
64 60.7 44.1 66.1  
63 31.1 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: 25.133 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

Instrument :

BNA\_F

ClientSampleId :

100418-DBRI-E-U-B

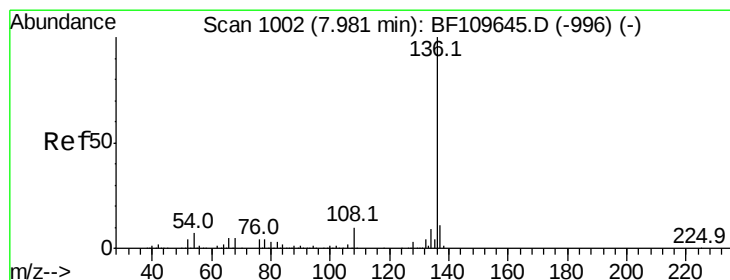
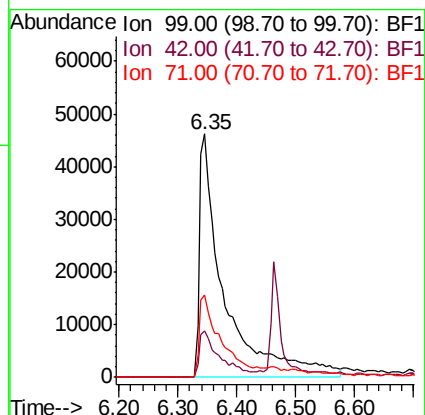
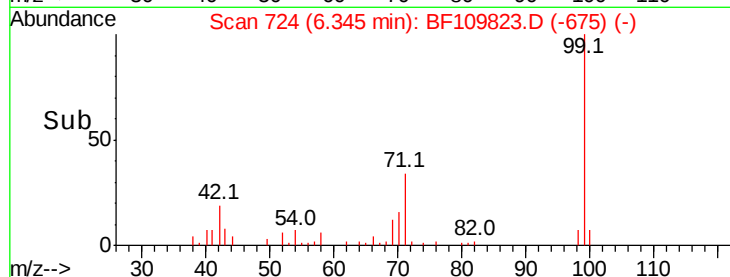
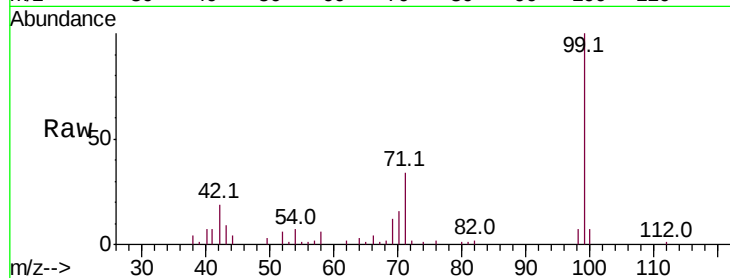
Tot Ion: 99 Resp: 134401

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

71 33.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

Tgt Ion: 136 Resp: 275857

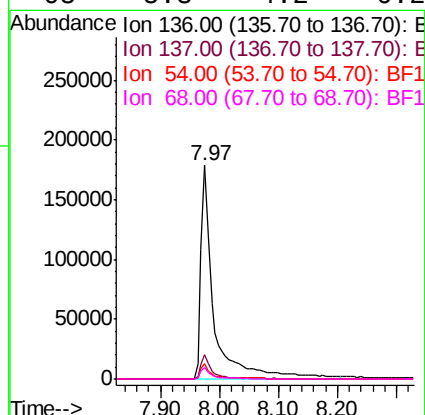
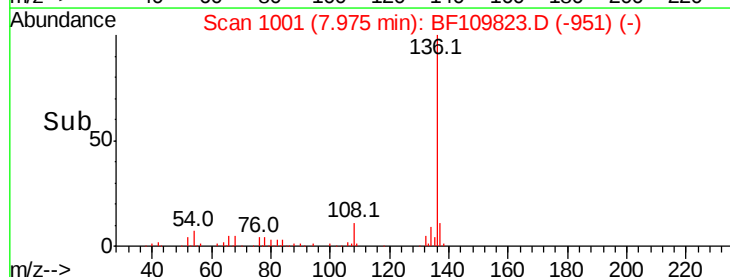
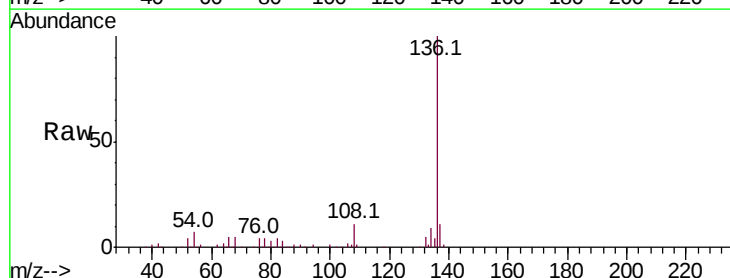
Ion Ratio Lower Upper

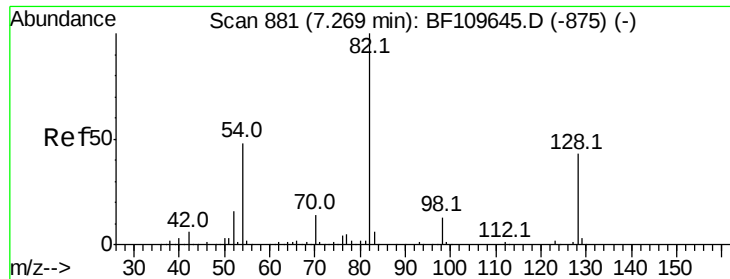
136 100

137 11.2 8.8 13.2

54 7.5 5.4 8.2

68 5.3 4.2 6.2

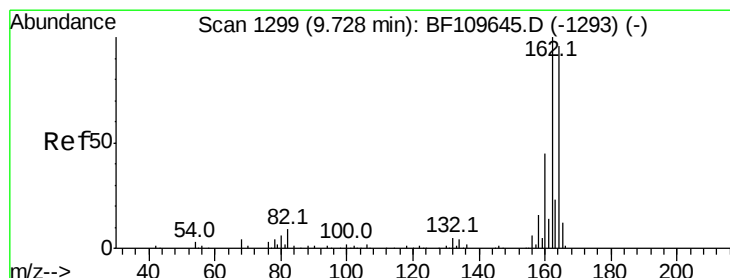
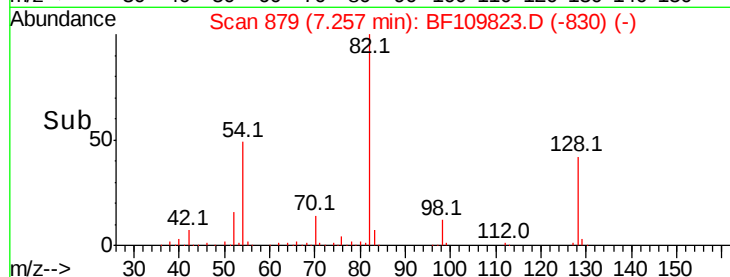
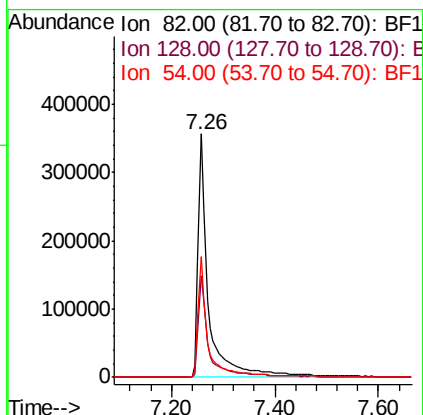
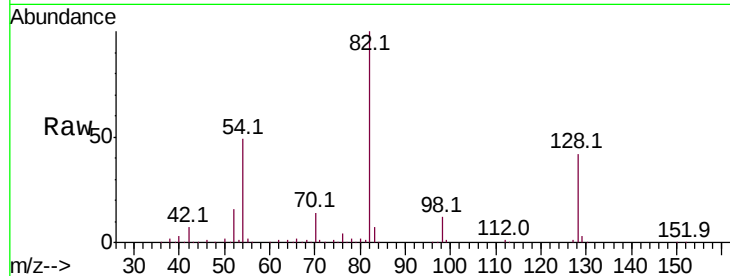




#23  
 Nitrobenzene-d5  
 Concen: 100.762 ng  
 RT: 7.26 min Scan# 879  
 Delta R.T. -0.01 min  
 Lab File: BF109823.D  
 Acq: 12 Oct 2018 9:00

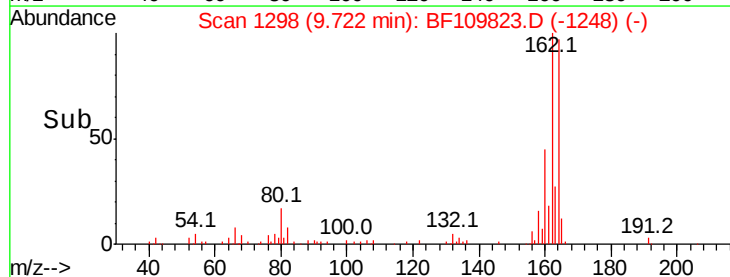
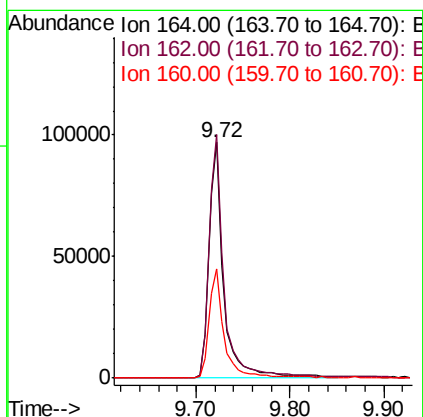
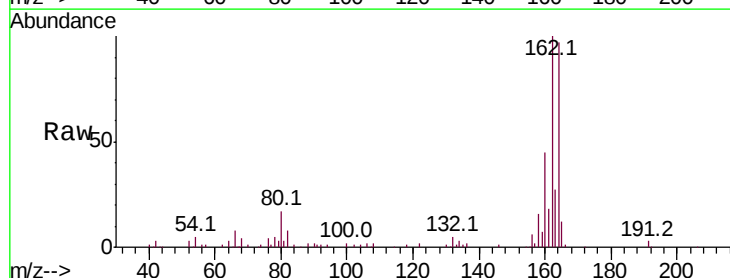
Instrument :  
 BNA\_F  
 ClientSampleId :  
 100418-DBRI-E-U-B

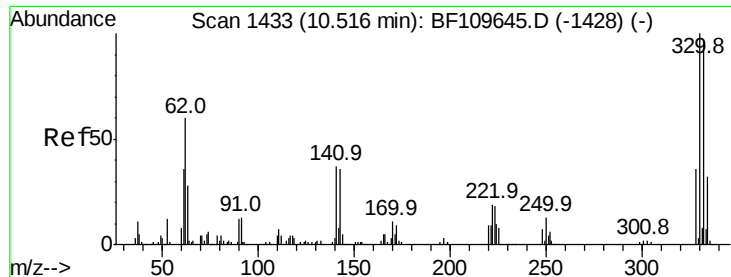
Tot Ion: 82 Resp: 504251  
 Ion Ratio Lower Upper  
 82 100  
 128 41.8 34.2 51.2  
 54 49.4 38.6 58.0



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF109823.D  
 Acq: 12 Oct 2018 9:00

Tgt Ion: 164 Resp: 108473  
 Ion Ratio Lower Upper  
 164 100  
 162 103.4 83.0 124.6  
 160 46.5 37.0 55.6





#41

2,4,6-Tribromophenol

Concen: 80.459 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

Instrument :

BNA\_F

ClientSampleId :

100418-DBRI-E-U-B

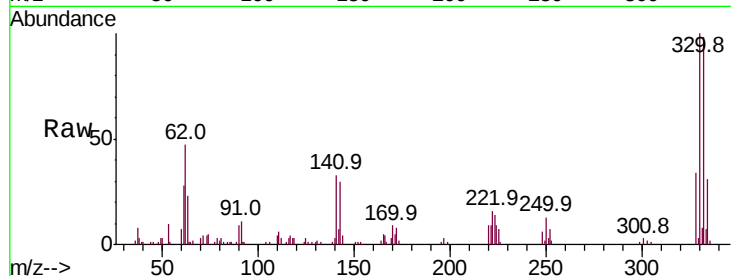
Tot Ion:330 Resp: 95097

Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

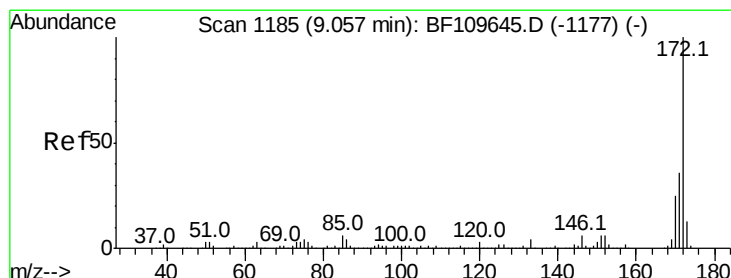
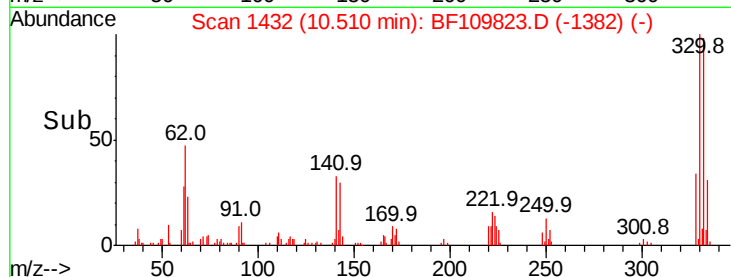
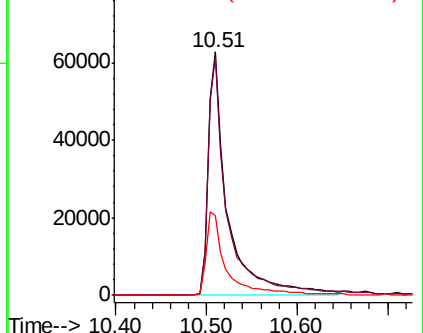
141 36.1 27.0 40.4



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: 107.968 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

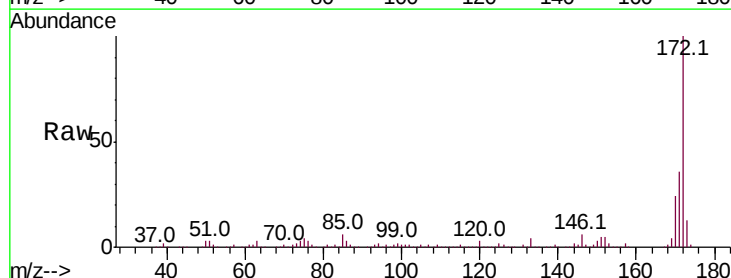
Tgt Ion:172 Resp: 850359

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

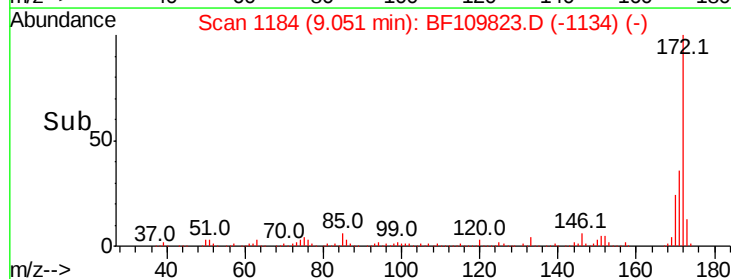
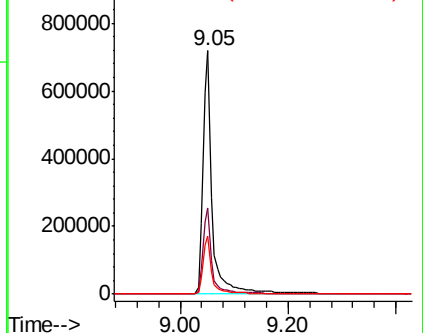
170 23.9 19.7 29.5

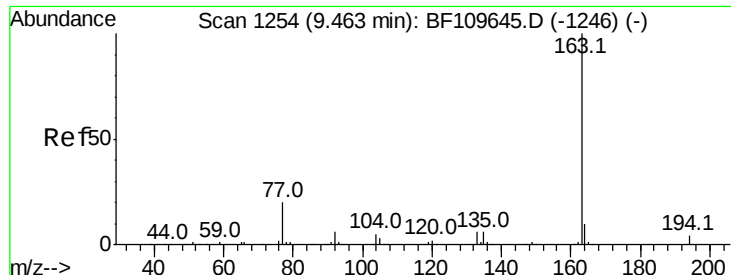


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.274 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

Instrument :

BNA\_F

ClientSampleId :

100418-DBRI-E-U-B

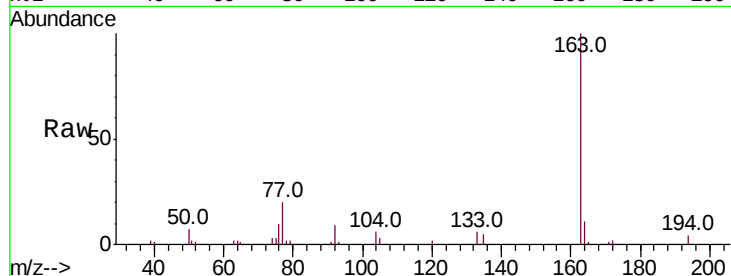
Tot Ion:163 Resp: 49915

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

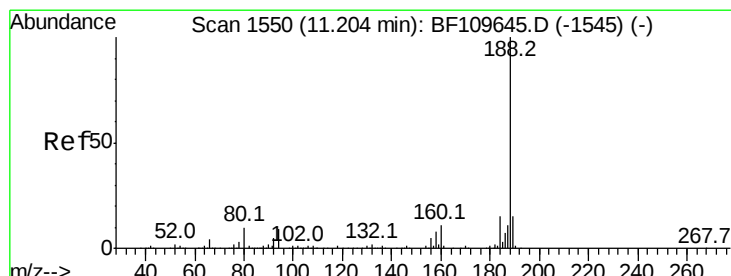
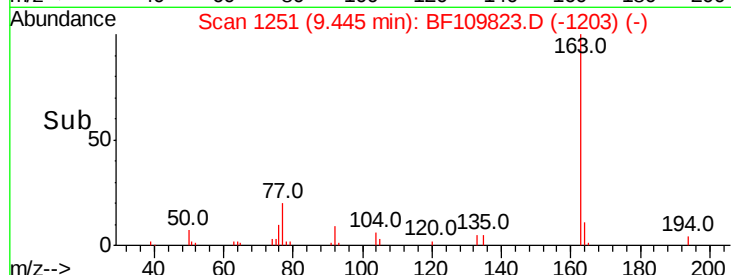
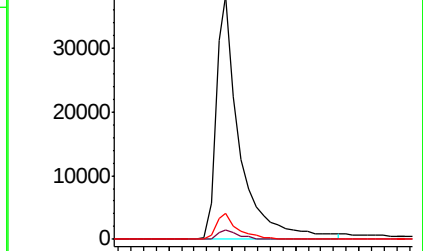
164 10.8 8.1 12.1



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: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

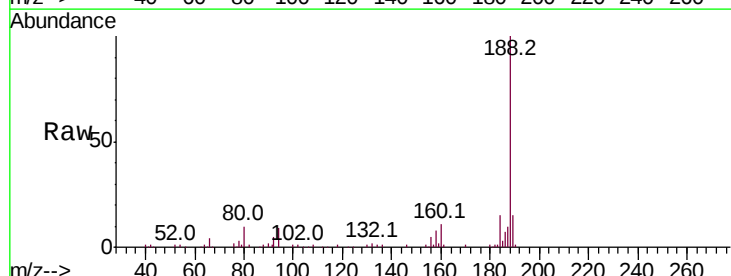
Tgt Ion:188 Resp: 197791

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

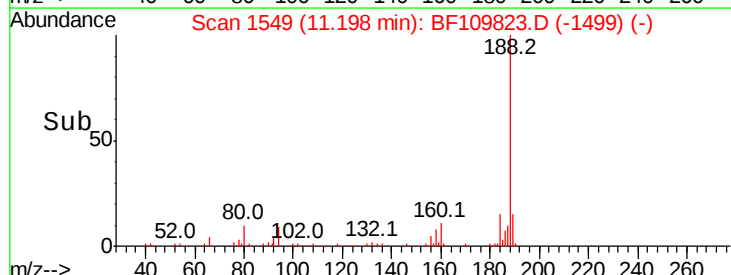
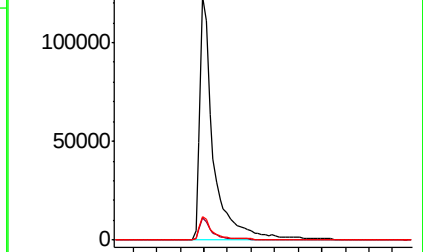
80 9.8 7.9 11.9

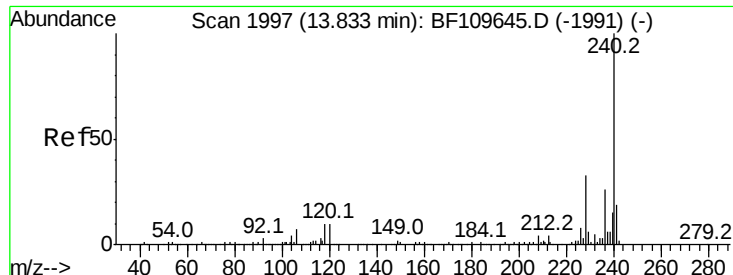


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

Instrument :

BNA\_F

ClientSampleId :

100418-DBRI-E-U-B

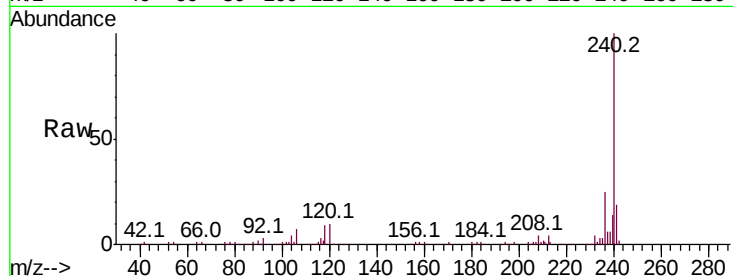
Tot Ion:240 Resp: 222369

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

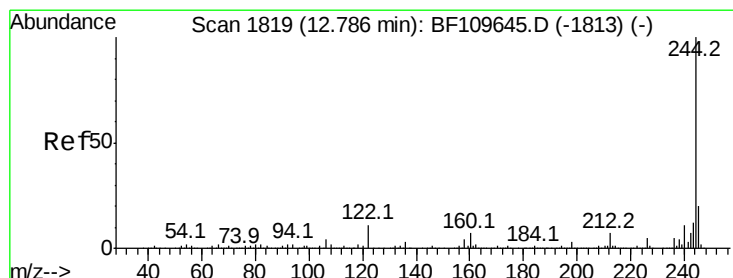
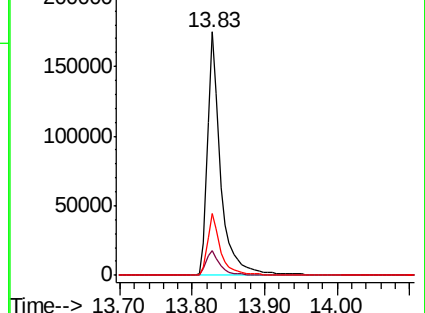
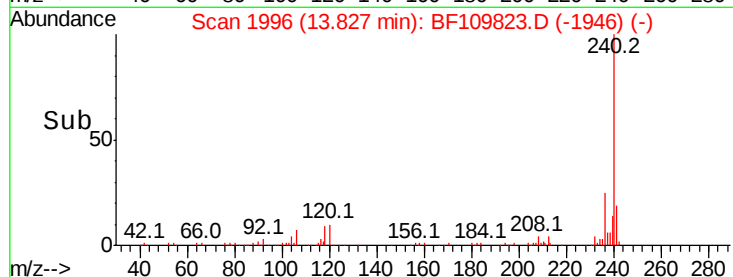
236 25.4 21.2 31.8



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: 74.667 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109823.D

Acq: 12 Oct 2018 9:00

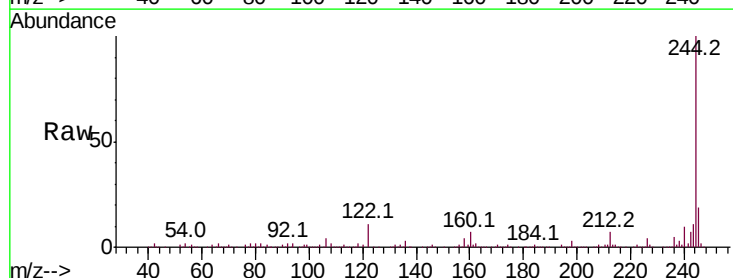
Tgt Ion:244 Resp: 857697

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

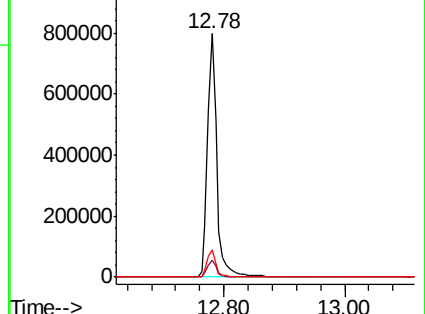
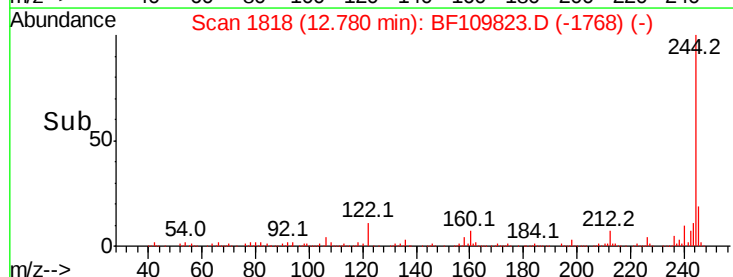
122 11.3 8.7 13.1

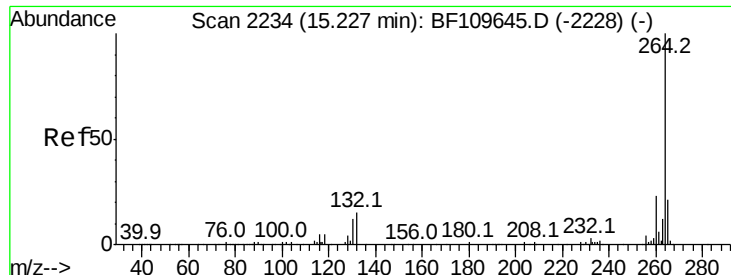


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234  
Delta R.T. 0.00 min  
Lab File: BF109823.D  
Acq: 12 Oct 2018 9:00

Instrument :  
BNA\_F  
ClientSampleId :  
100418-DBRI-E-U-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.4  | 18.7  | 28.1  |
| 265     | 20.7  | 16.7  | 25.1  |

