

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012418\  
 Data File : BF102391.D  
 Acq On : 24 Jan 2018 16:03  
 Operator : SJ/JU  
 Sample : J1250-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AB-14(0-2)

Quant Time: Jan 25 00:29:29 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 23 00:43:41 2018  
 Response via : Initial Calibration

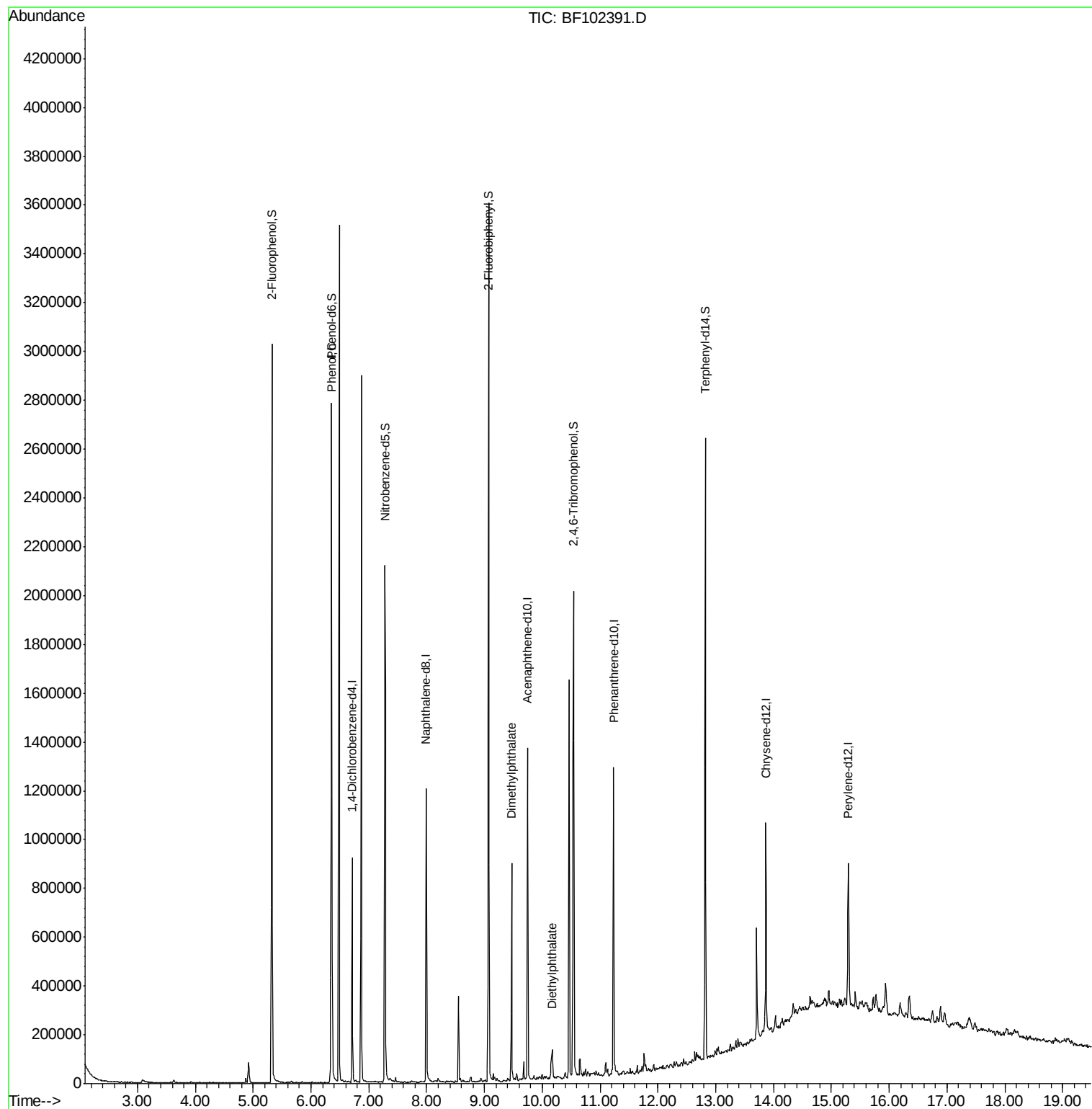
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.71  | 152  | 139469   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 583863   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 264458   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 445928   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 287638   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.29 | 264  | 261286   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 980482   | 106.59 | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 1204308  | 108.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 762242   | 75.02  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330  | 231676   | 88.41  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1196075  | 66.50  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 911573   | 71.44  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.37  | 94   | 58305    | 4.816  | ng    | 99       |
| 49) Dimethylphthalate       | 9.47  | 163  | 337982   | 15.462 | ng    | 99       |
| 59) Diethylphthalate        | 10.16 | 149  | 56235    | 2.647  | ng    | 98       |

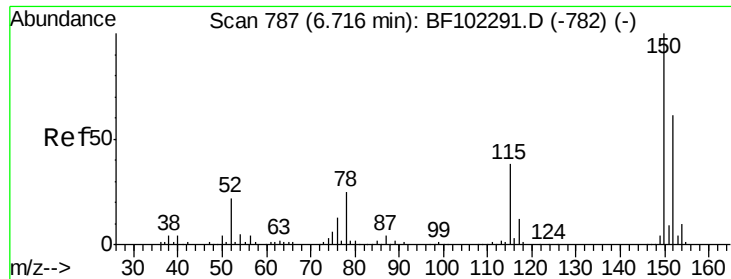
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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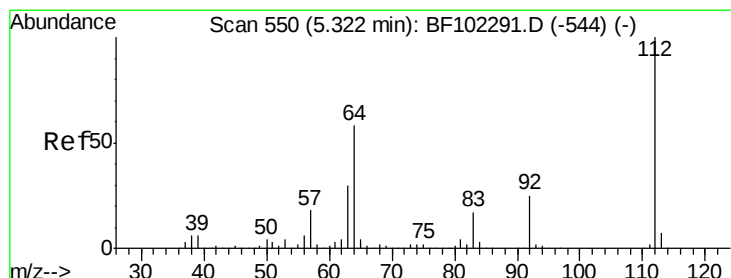
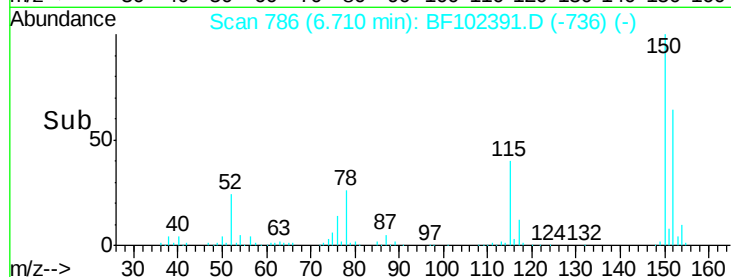
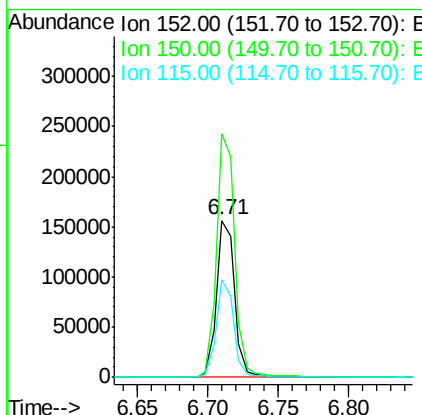
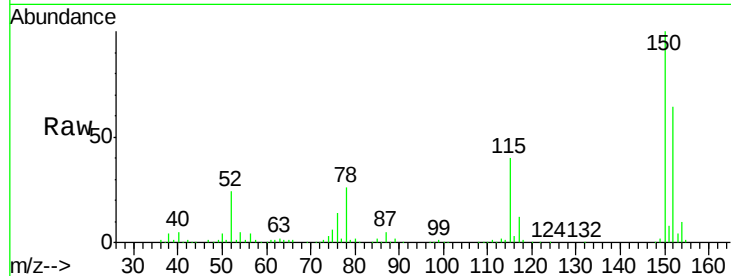




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.71 min Scan# 786  
 Delta R.T. -0.01 min  
 Lab File: BF102391.D  
 Acq: 24 Jan 2018 16:03

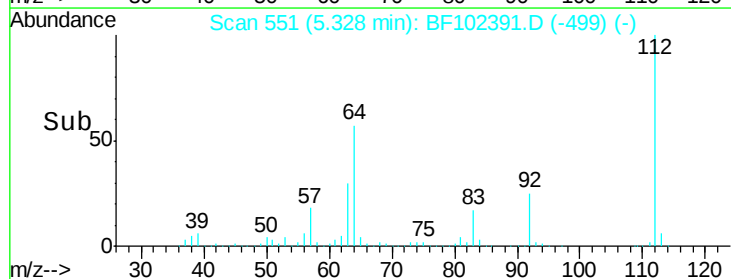
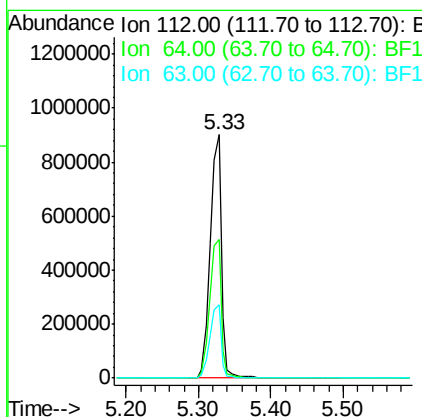
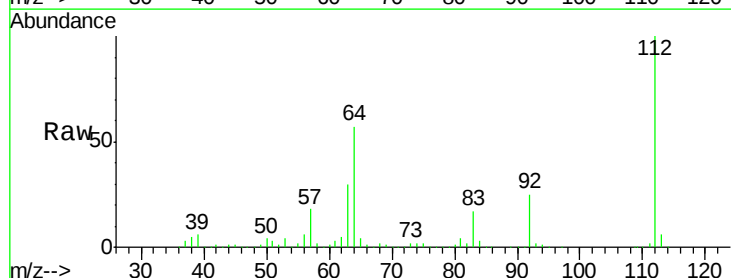
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AB-14(0-2)

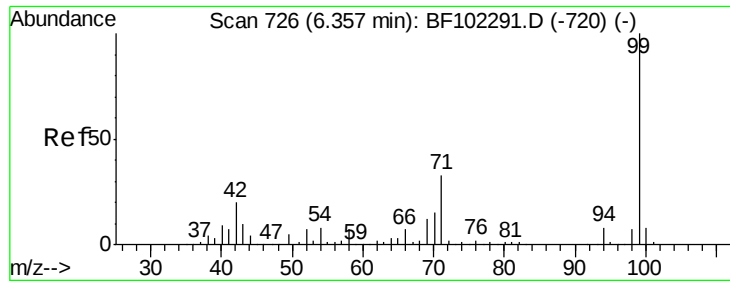
Tgt Ion:152 Resp: 139469  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 124.6 186.8  
 115 62.1 50.1 75.1



#5  
 2-Fluorophenol  
 Concen: 106.595 ng  
 RT: 5.33 min Scan# 551  
 Delta R.T. 0.01 min  
 Lab File: BF102391.D  
 Acq: 24 Jan 2018 16:03

Tgt Ion:112 Resp: 980482  
 Ion Ratio Lower Upper  
 112 100  
 64 57.1 47.9 71.9  
 63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 108.601 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

Instrument :

BNA\_F

ClientSampleId :

AB-14(0-2)

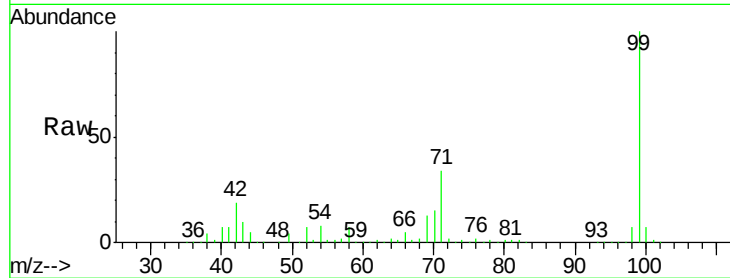
Tgt Ion: 99 Resp: 1204308

Ion Ratio Lower Upper

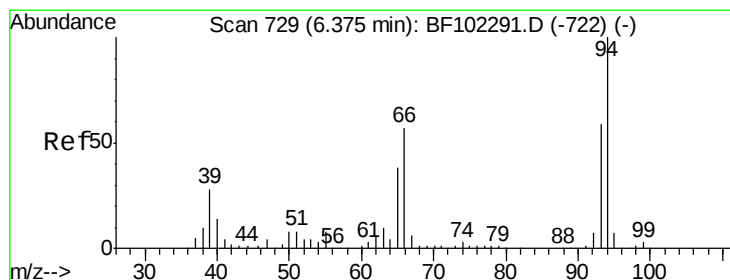
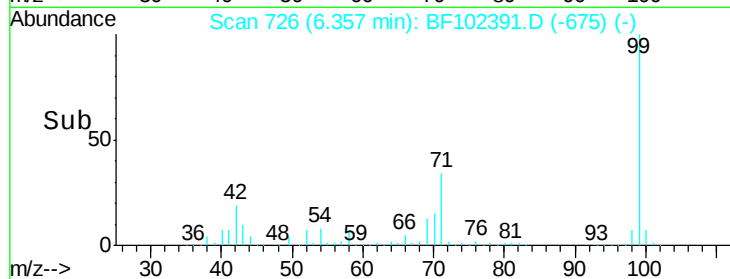
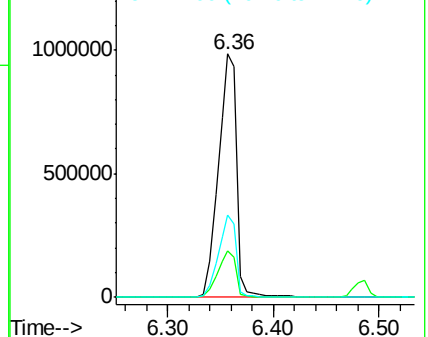
99 100

42 19.2 14.5 21.7

71 33.7 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



#10

Phenol

Concen: 4.816 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

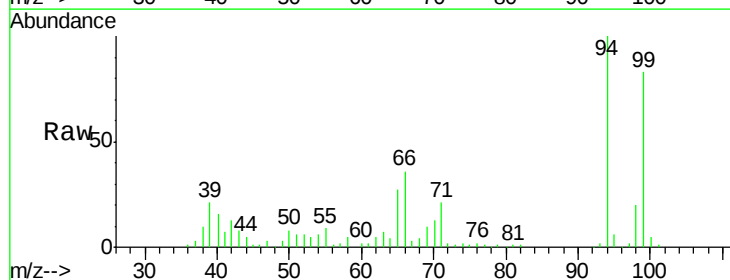
Tgt Ion: 94 Resp: 58305

Ion Ratio Lower Upper

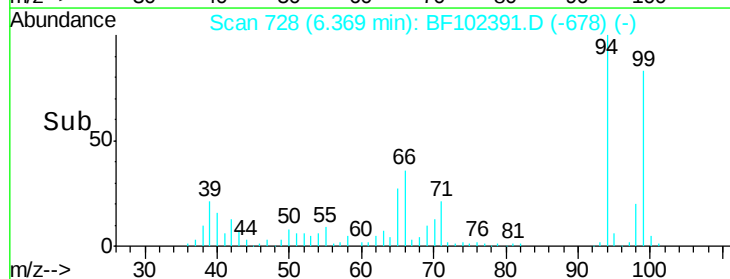
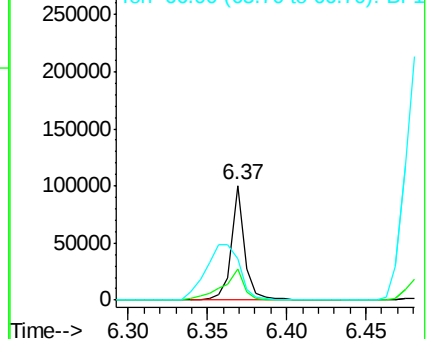
94 100

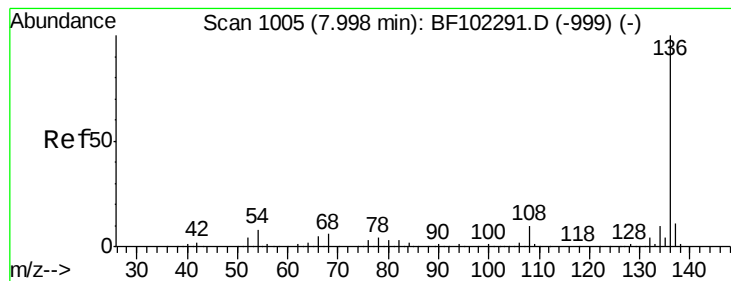
65 27.2 7.9 47.9

66 36.1 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

Instrument :

BNA\_F

ClientSampleId :

AB-14(0-2)

Tgt Ion: 136 Resp: 583863

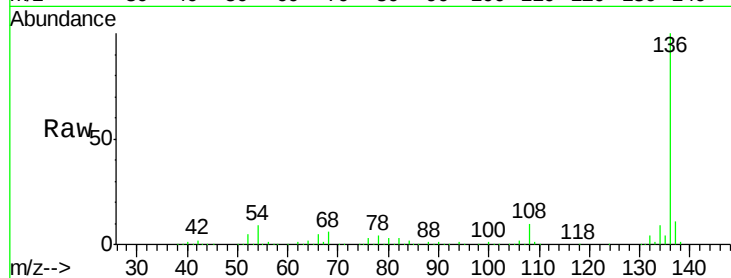
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 5.7 5.0 7.4

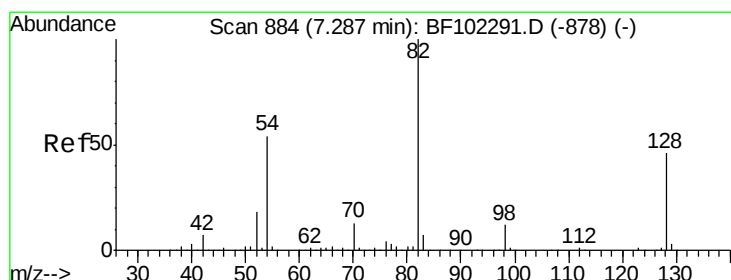
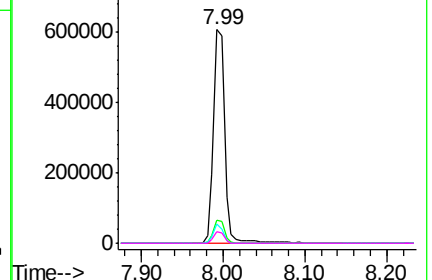
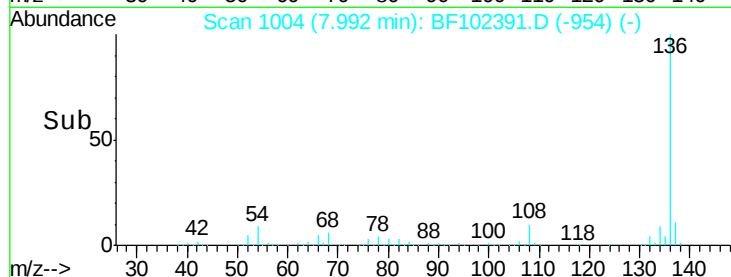


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 75.024 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

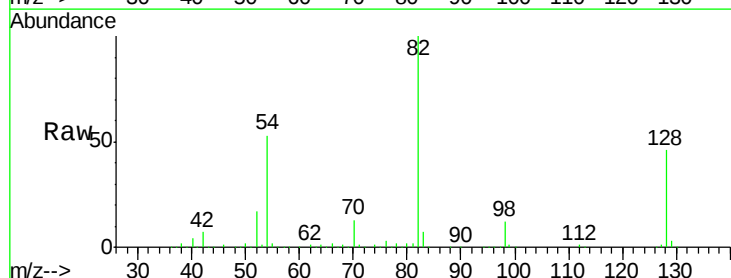
Tgt Ion: 82 Resp: 762242

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

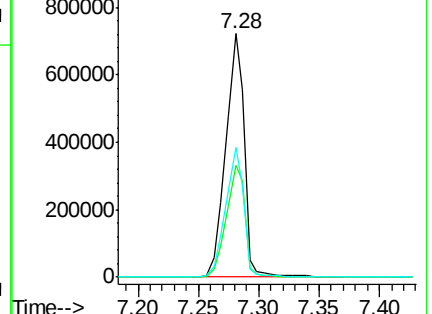
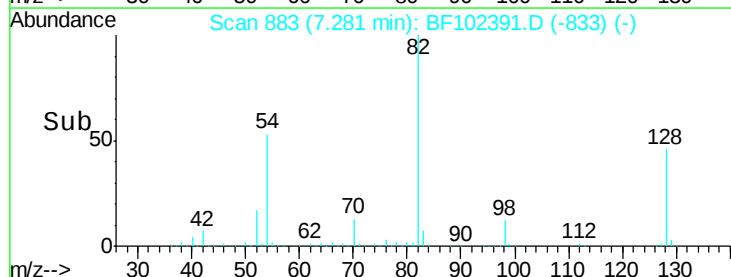
54 53.4 41.4 62.2

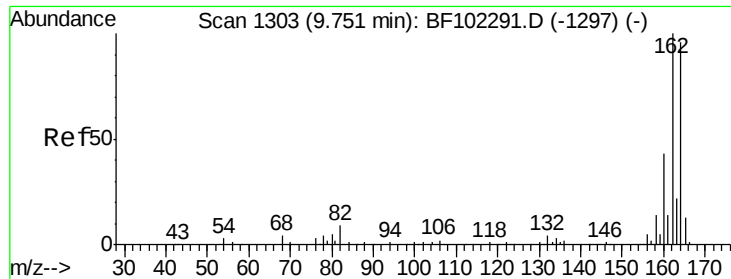


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

Instrument :

BNA\_F

ClientSampleId :

AB-14(0-2)

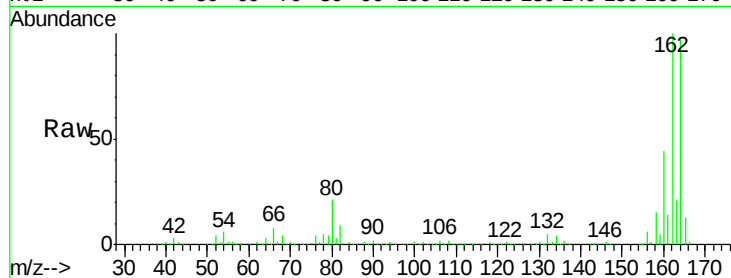
Tgt Ion:164 Resp: 264458

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

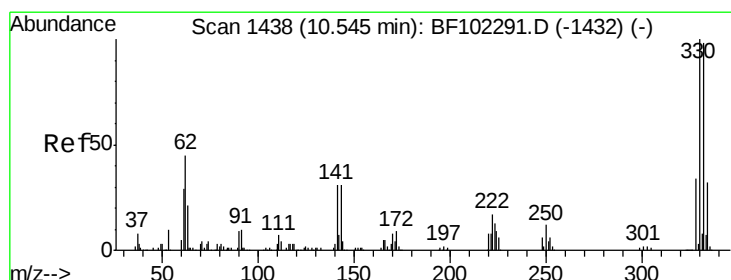
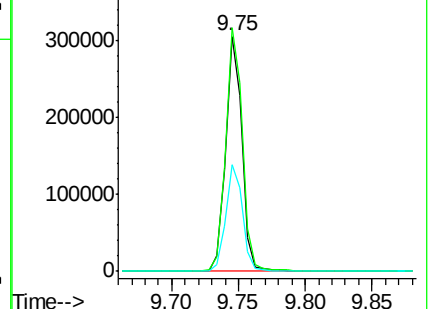
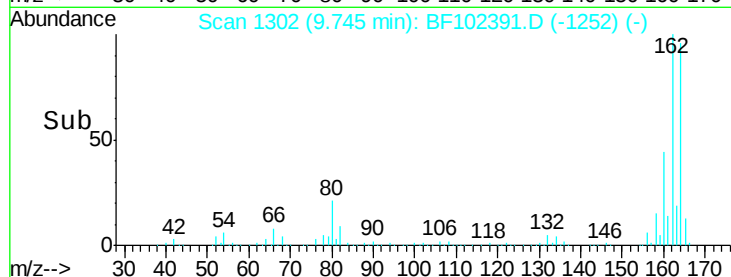
160 45.4 38.3 57.5



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: 88.413 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

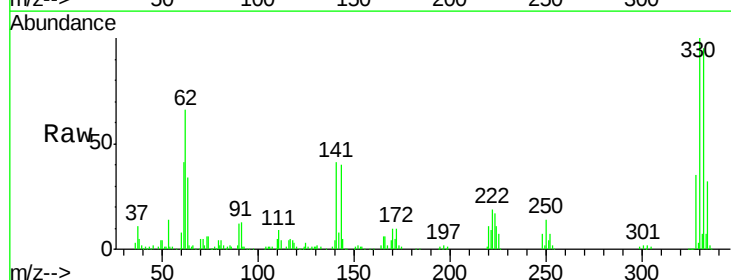
Tgt Ion:330 Resp: 231676

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

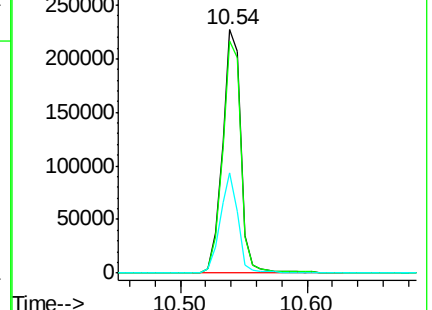
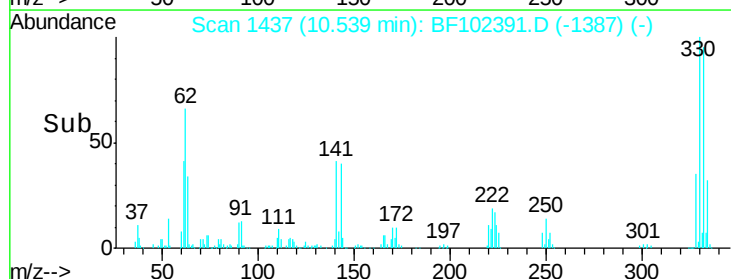
141 40.3 29.9 44.9

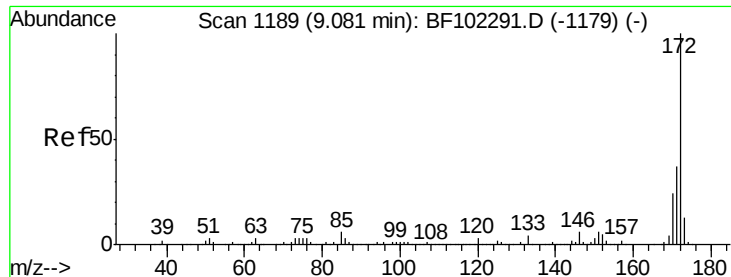


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

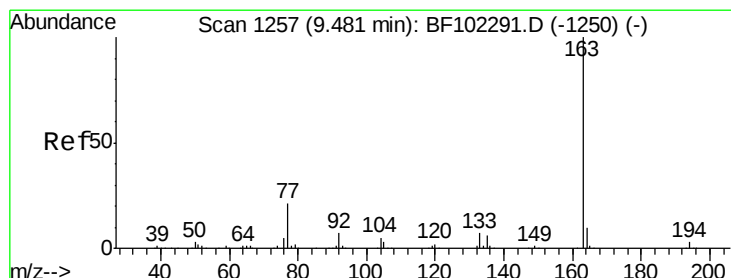
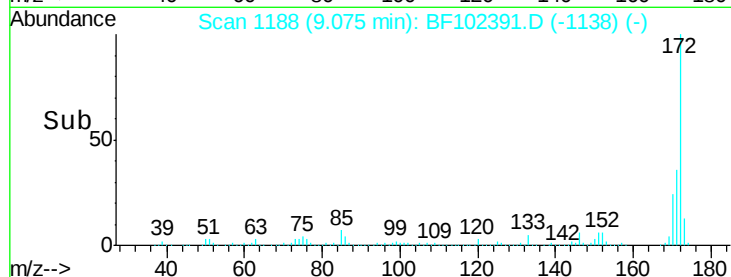
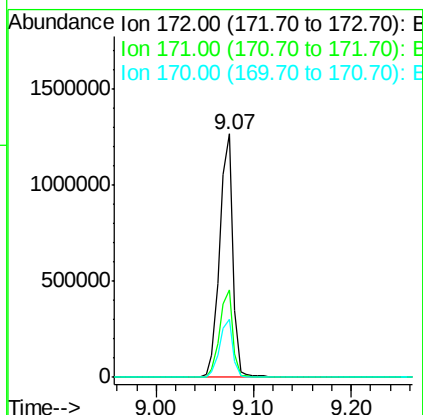
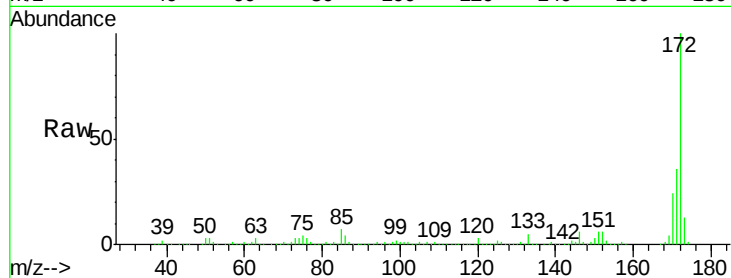




#44  
 2-Fluorobiphenyl  
 Concen: 66.500 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.01 min  
 Lab File: BF102391.D  
 Acq: 24 Jan 2018 16:03

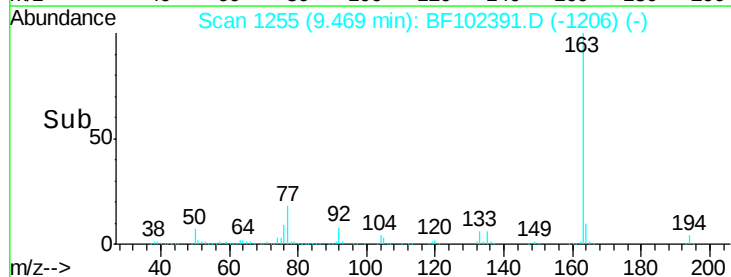
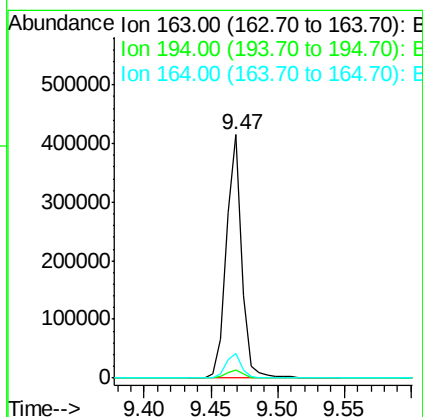
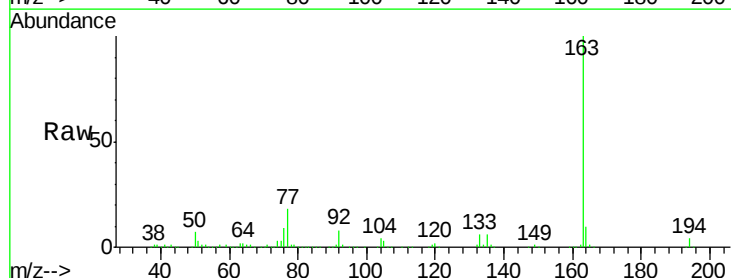
Instrument :  
 BNA\_F  
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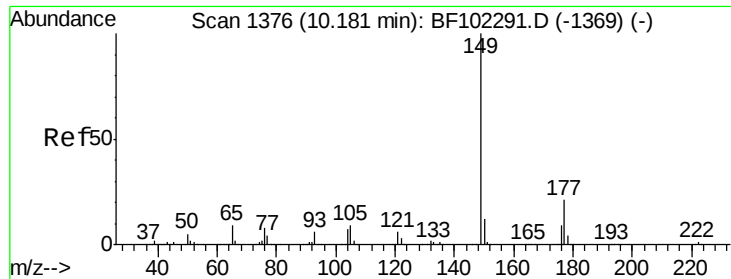
Tgt Ion:172 Resp: 1196075  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 29.7 44.5  
 170 23.8 19.6 29.4



#49  
 Dimethylphthalate  
 Concen: 15.462 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. -0.01 min  
 Lab File: BF102391.D  
 Acq: 24 Jan 2018 16:03

Tgt Ion:163 Resp: 337982  
 Ion Ratio Lower Upper  
 163 100  
 194 3.5 2.7 4.1  
 164 10.0 8.2 12.2

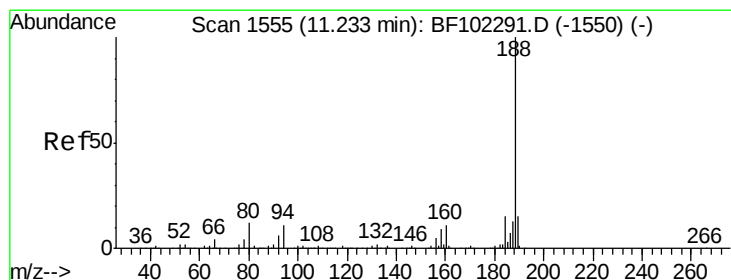
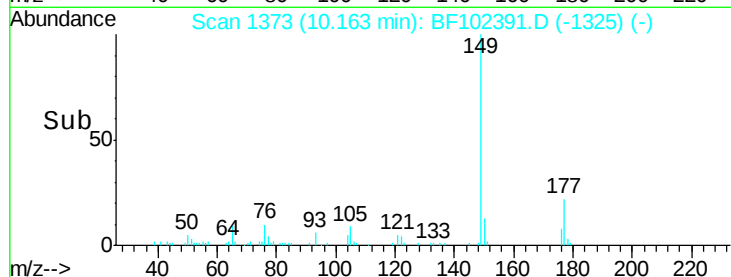
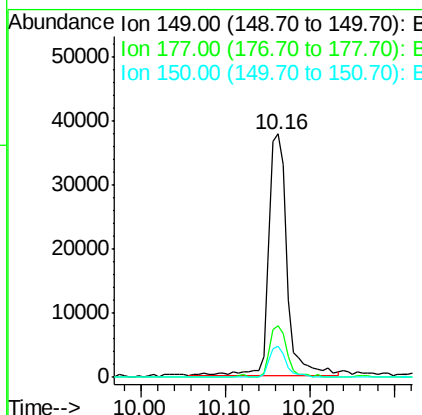
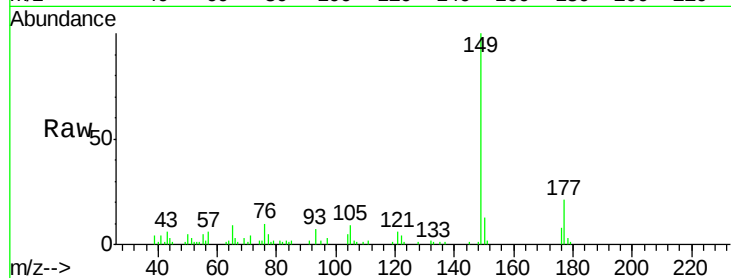




#59  
Diethylphthalate  
Concen: 2.647 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.02 min  
Lab File: BF102391.D  
Acq: 24 Jan 2018 16:03

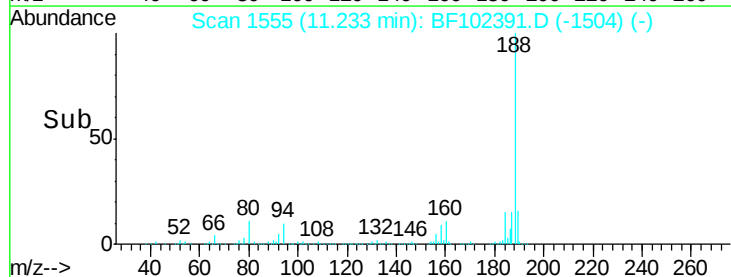
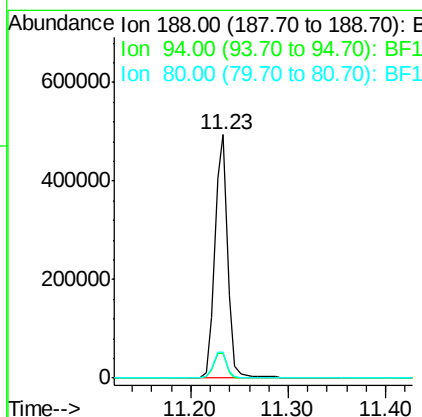
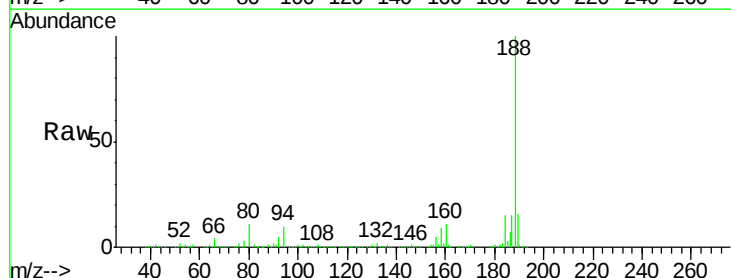
Instrument :  
BNA\_F  
ClientSampleId :  
AB-14(0-2)

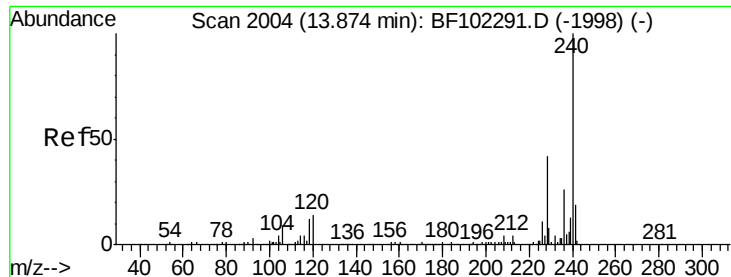
Tgt Ion:149 Resp: 56235  
Ion Ratio Lower Upper  
149 100  
177 21.3 16.1 24.1  
150 13.0 10.1 15.1



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. -0.00 min  
Lab File: BF102391.D  
Acq: 24 Jan 2018 16:03

Tgt Ion:188 Resp: 445928  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.5 12.7  
80 10.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

Instrument :

BNA\_F

ClientSampleId :

AB-14(0-2)

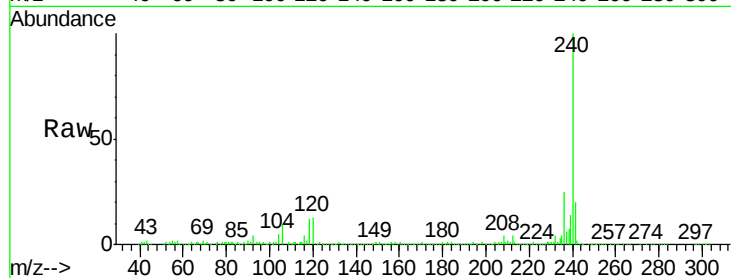
Tgt Ion:240 Resp: 287638

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

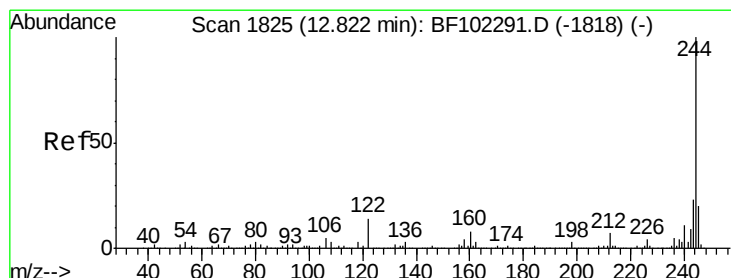
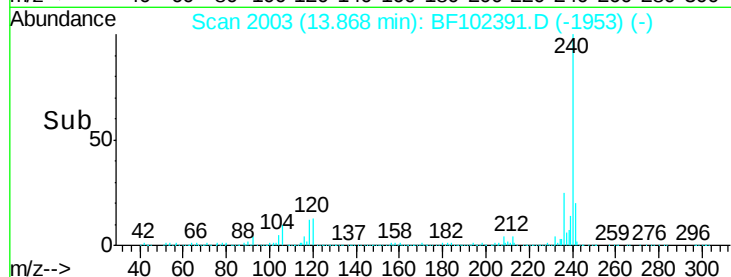
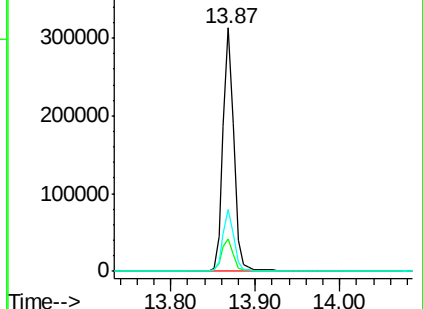
236 25.2 20.7 31.1



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: 71.444 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

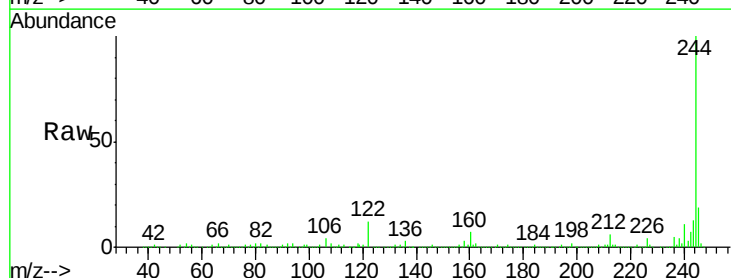
Tgt Ion:244 Resp: 911573

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

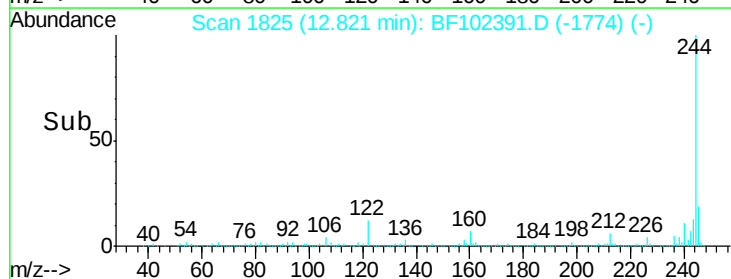
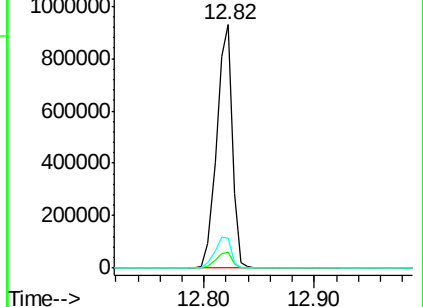
122 12.5 11.0 16.4

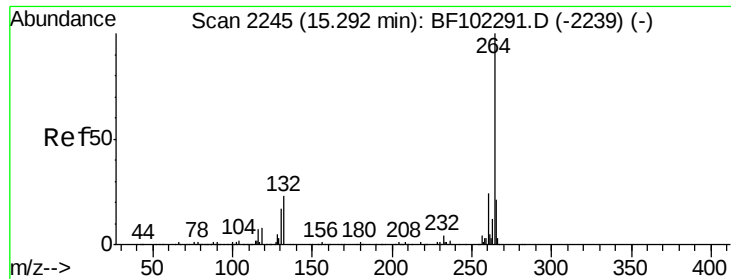


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.29 min Scan# 2245  
Delta R.T. -0.00 min  
Lab File: BF102391.D  
Acq: 24 Jan 2018 16:03

Instrument :  
BNA\_F  
ClientSampleId :  
AB-14(0-2)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.2  | 28.8  |
| 265     | 20.7  | 17.5  | 26.3  |

