

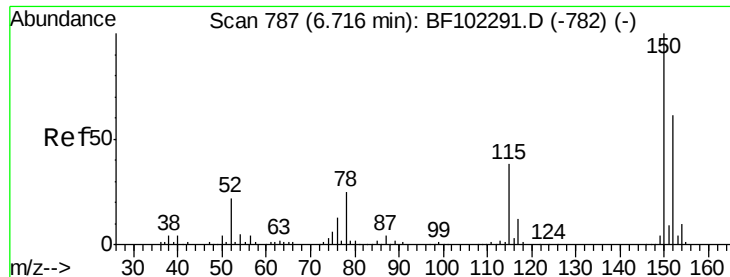
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012718\  
 Data File : BF102506.D  
 Acq On : 27 Jan 2018 13:17  
 Operator : SJ/JU  
 Sample : J1306-09  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC3

Quant Time: Jan 27 21:23:15 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 27 20:48:40 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.71  | 152  | 165162   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 669121   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 300089   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 485695   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 261740   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.30 | 264  | 268312   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 948715   | 87.10 | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 1174143  | 89.41 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 716398   | 61.53 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330  | 209901   | 70.59 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 958100   | 46.94 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 747630   | 64.39 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.37  | 94   | 48433    | 3.378 | ng    | 97       |
| 49) Dimethylphthalate       | 9.46  | 163  | 119704   | 4.826 | ng    | 100      |

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

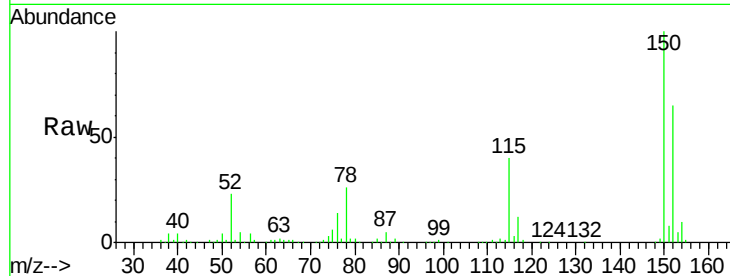


#1

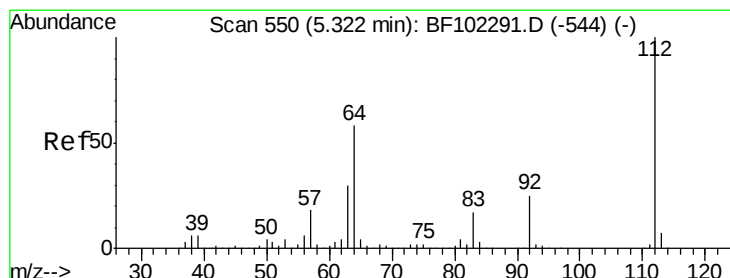
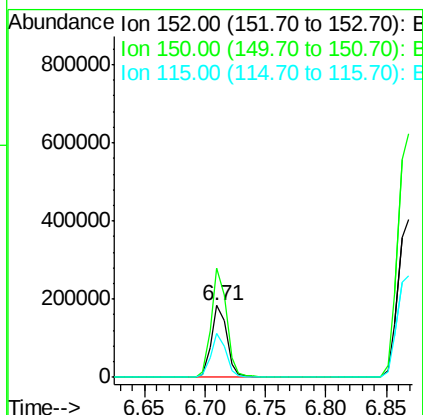
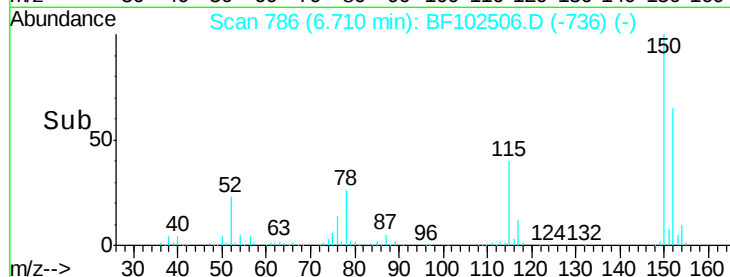
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.71 min Scan# 786  
Delta R.T. -0.01 min  
Lab File: BF102506.D  
Acq: 27 Jan 2018 13:17

Instrument :  
BNA\_F  
ClientSampleId :  
WC3

Tgt Ion:152 Resp: 165162  
Ion Ratio Lower Upper  
152 100  
150 153.5 124.6 186.8  
115 61.8 50.1 75.1



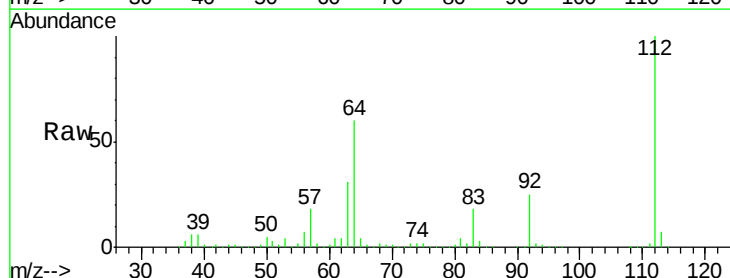
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



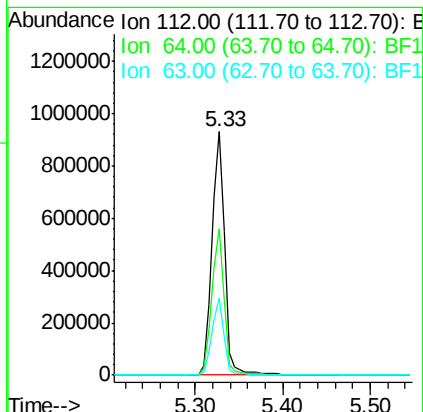
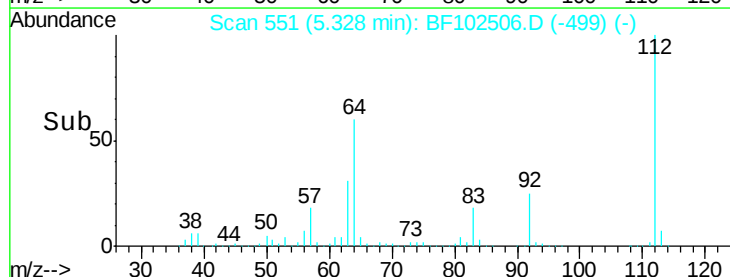
#5

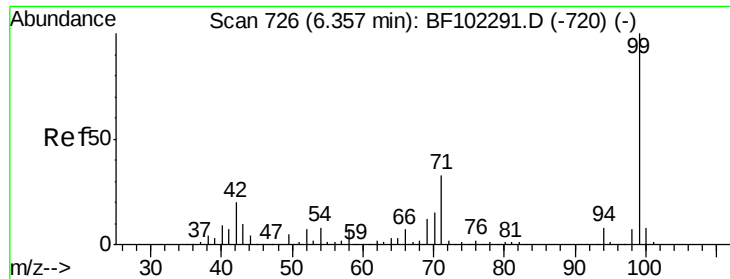
2-Fluorophenol  
Concen: 87.096 ng  
RT: 5.33 min Scan# 551  
Delta R.T. 0.01 min  
Lab File: BF102506.D  
Acq: 27 Jan 2018 13:17

Tgt Ion:112 Resp: 948715  
Ion Ratio Lower Upper  
112 100  
64 60.2 47.9 71.9  
63 31.5 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: 89.410 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA\_F

ClientSampleId :

WC3

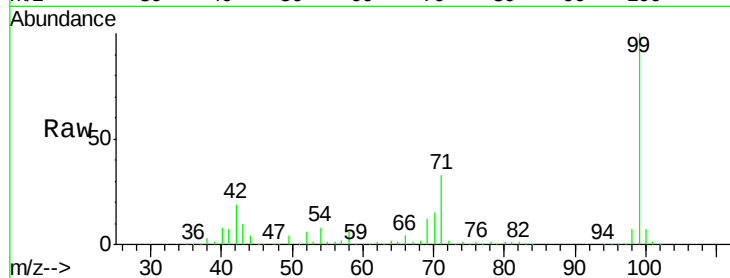
Tgt Ion: 99 Resp: 1174143

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

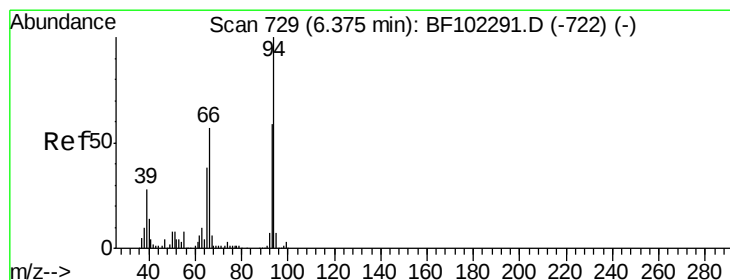
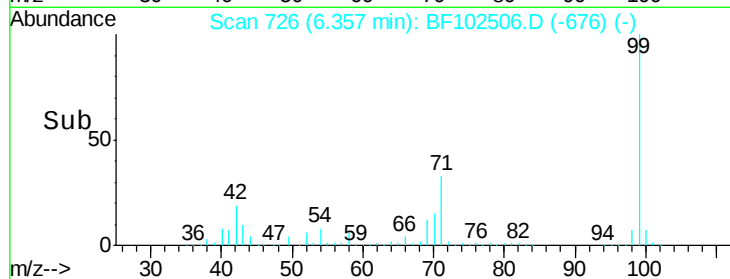
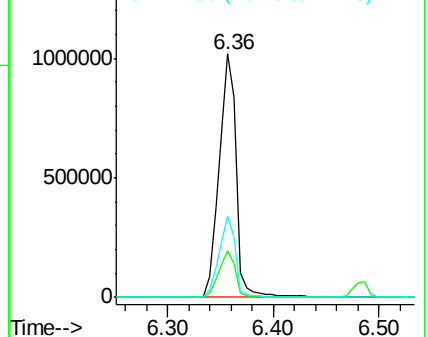
71 33.5 25.4 38.0



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



#10

Phenol

Concen: 3.378 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

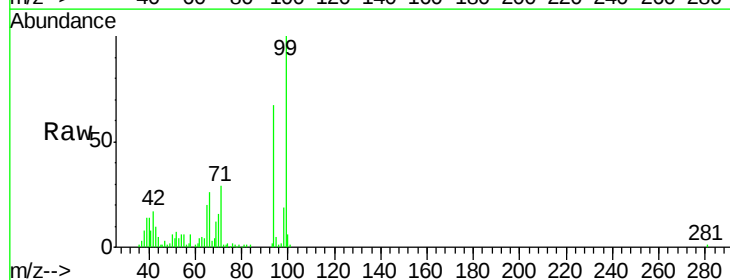
Tgt Ion: 94 Resp: 48433

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

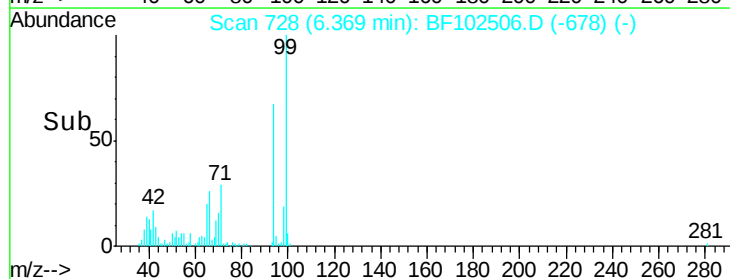
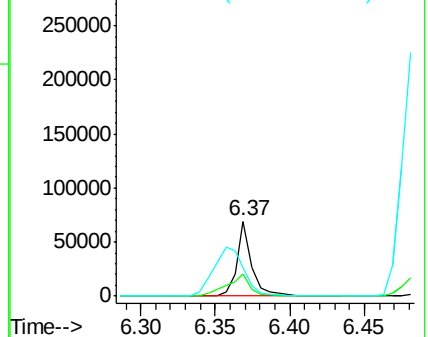
66 38.3 16.2 56.2

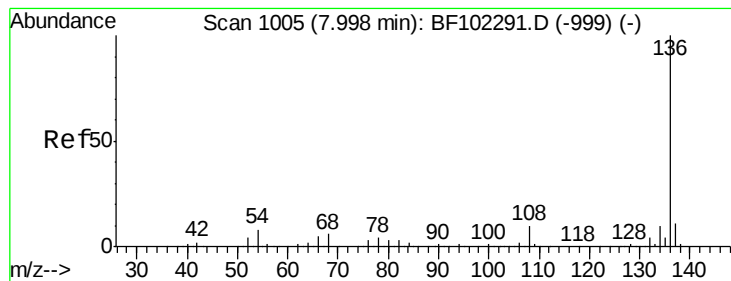


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA\_F

ClientSampleId :

WC3

Tgt Ion: 136 Resp: 669121

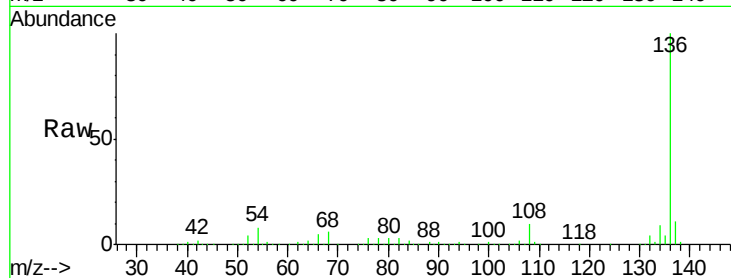
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.0 5.0 7.4

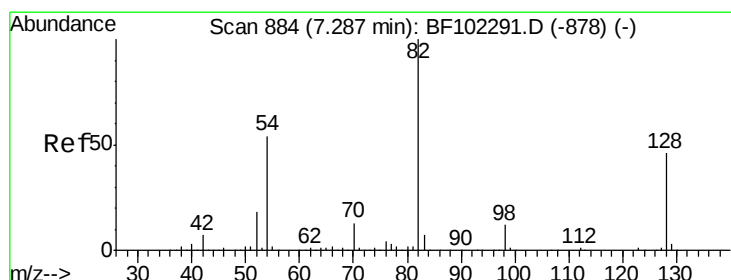
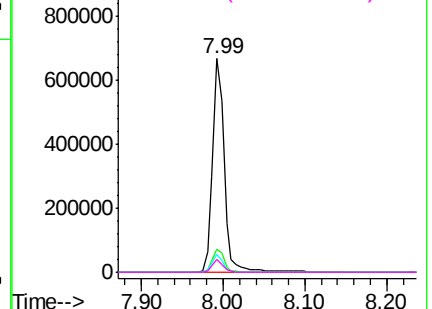
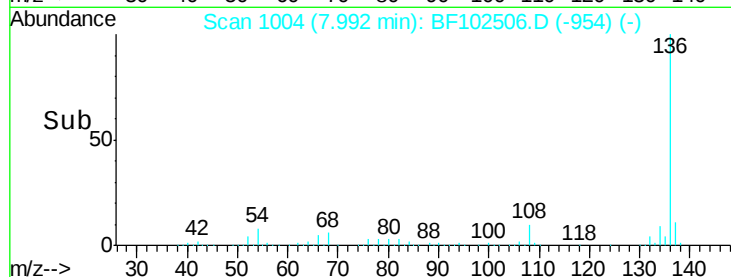


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.527 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

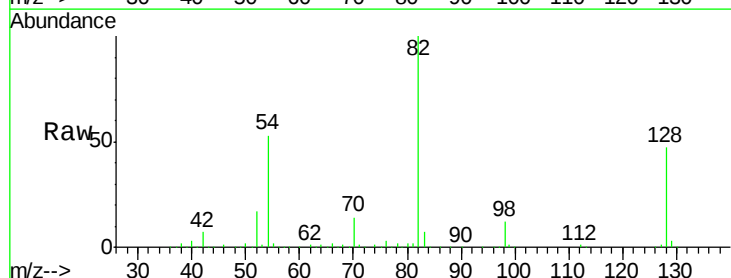
Tgt Ion: 82 Resp: 716398

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

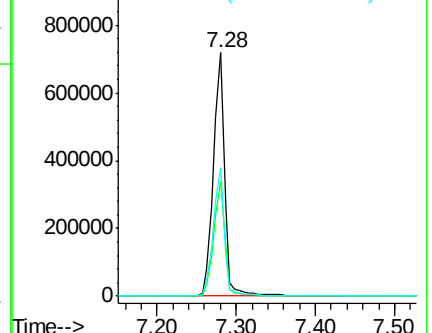
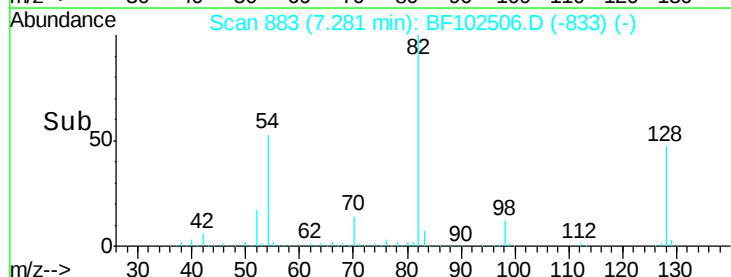
54 52.7 41.4 62.2

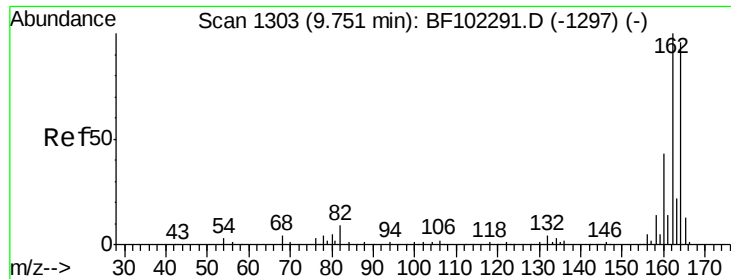


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA\_F

ClientSampleId :

WC3

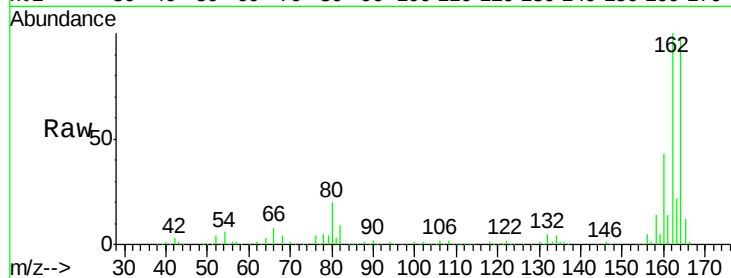
Tgt Ion:164 Resp: 300089

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

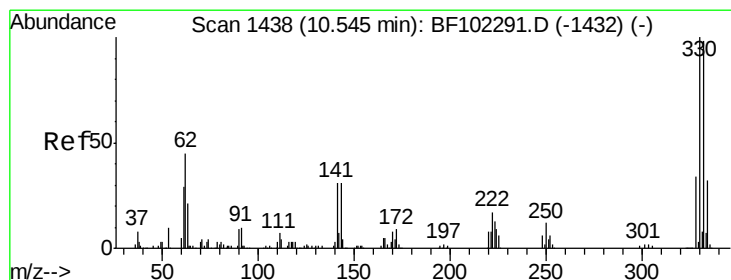
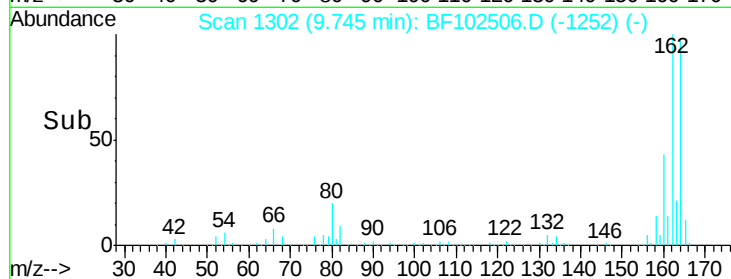
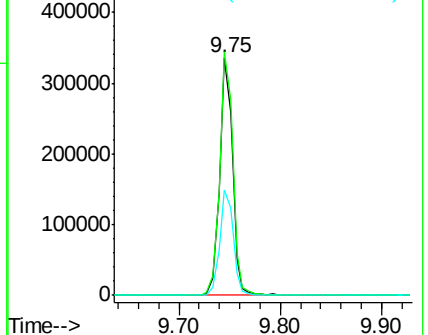
160 44.5 38.3 57.5



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: 70.592 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

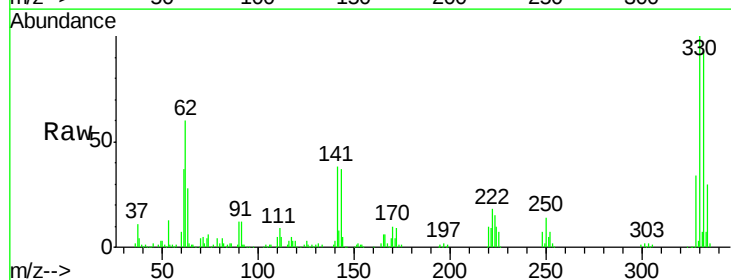
Tgt Ion:330 Resp: 209901

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

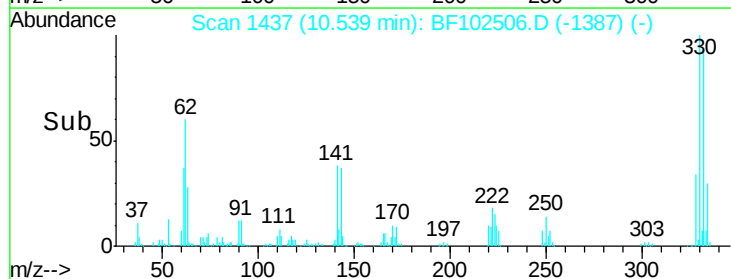
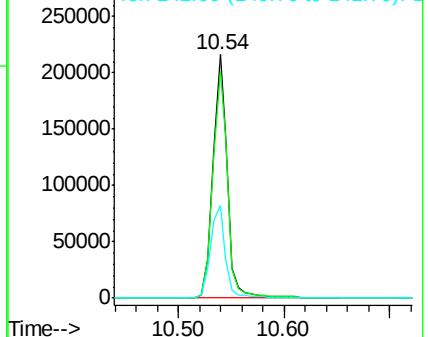
141 39.8 29.9 44.9

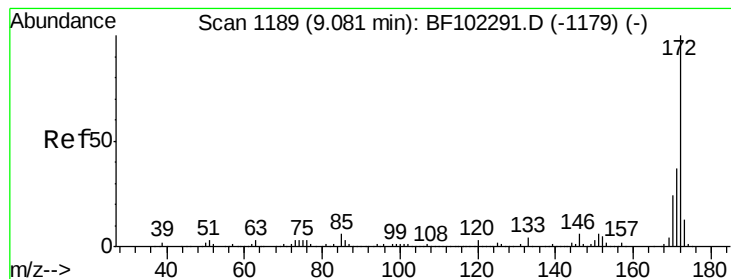


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 46.944 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA\_F

ClientSampleId :

WC3

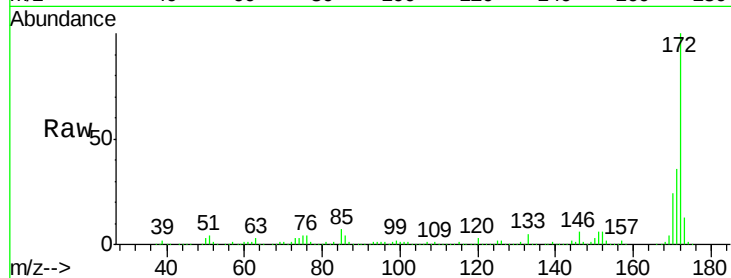
Tgt Ion:172 Resp: 958100

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

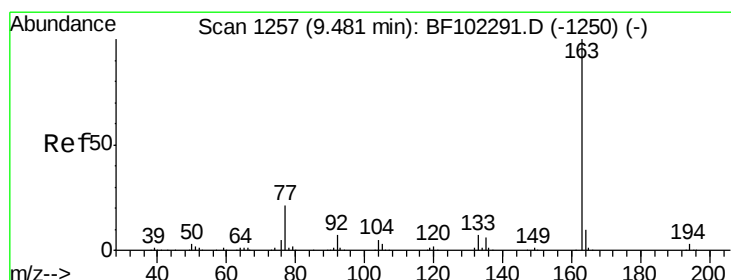
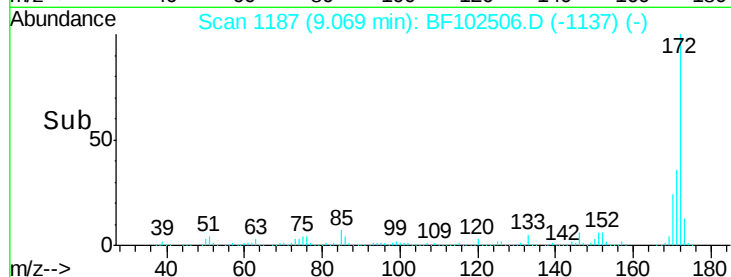
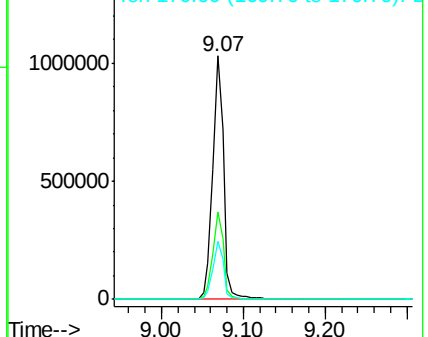
170 23.7 19.6 29.4



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: 4.826 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

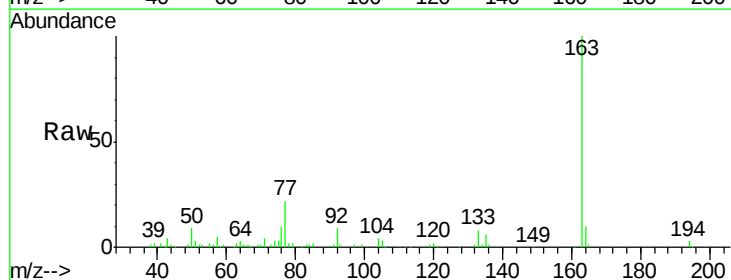
Tgt Ion:163 Resp: 119704

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

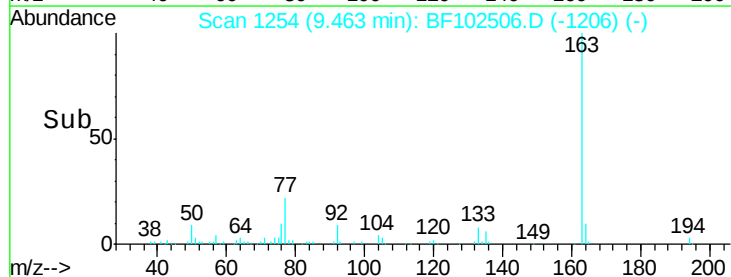
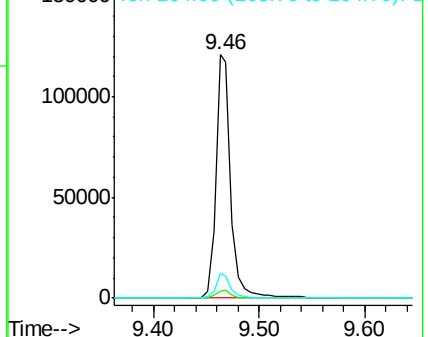
164 10.2 8.2 12.2



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

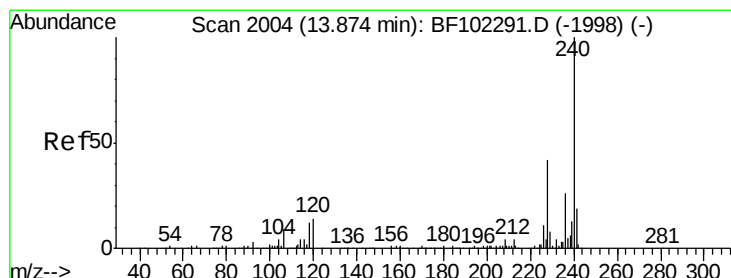
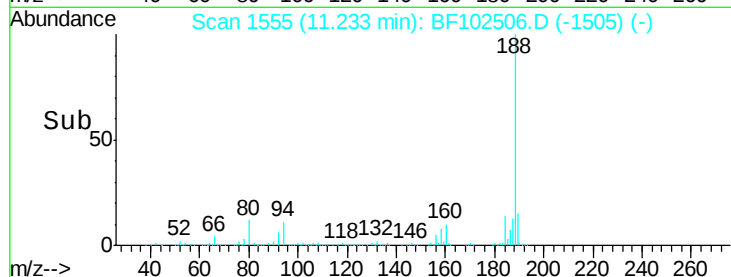
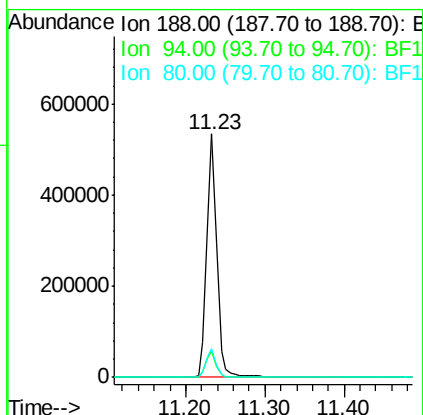
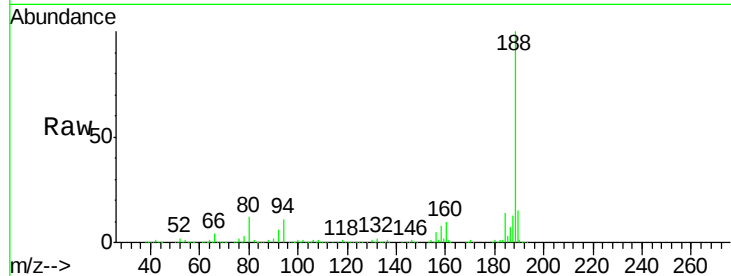




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. -0.01 min  
Lab File: BF102506.D  
Acq: 27 Jan 2018 13:17

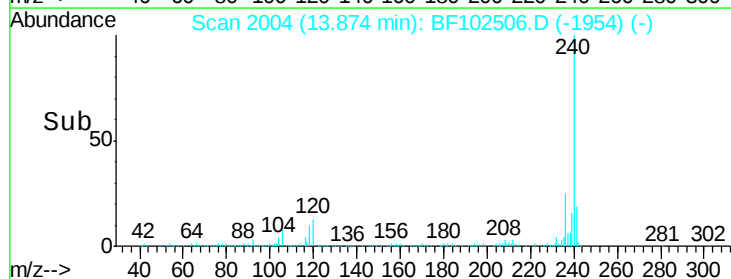
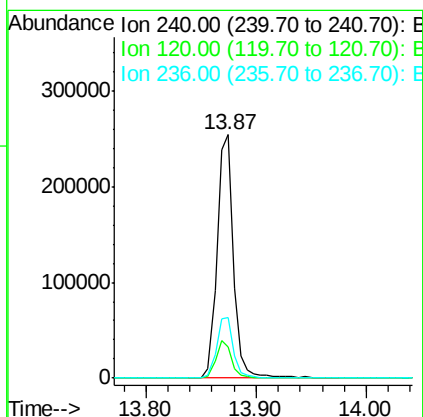
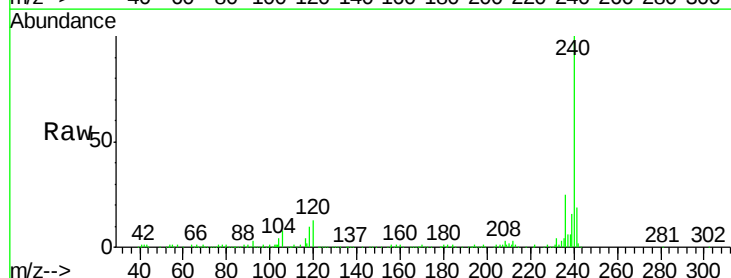
Instrument :  
BNA\_F  
ClientSampleId :  
WC3

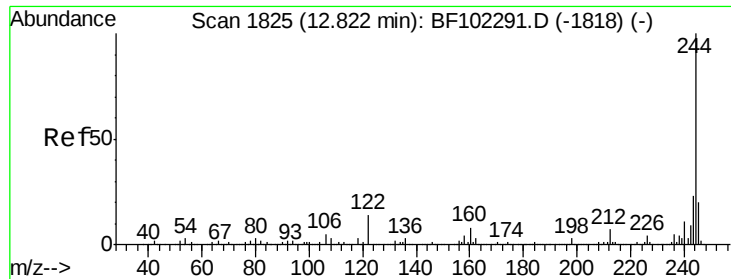
Tgt Ion:188 Resp: 485695  
Ion Ratio Lower Upper  
188 100  
94 10.6 8.5 12.7  
80 11.8 9.2 13.8



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.87 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: BF102506.D  
Acq: 27 Jan 2018 13:17

Tgt Ion:240 Resp: 261740  
Ion Ratio Lower Upper  
240 100  
120 12.7 9.5 14.3  
236 25.1 20.7 31.1

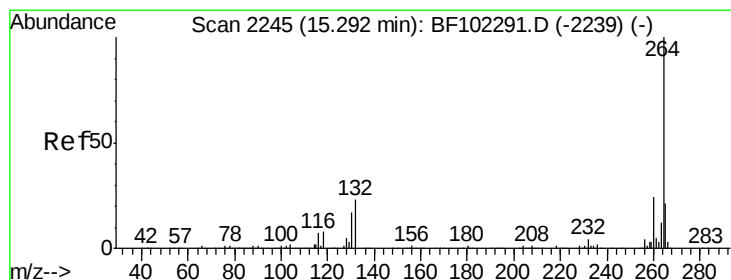
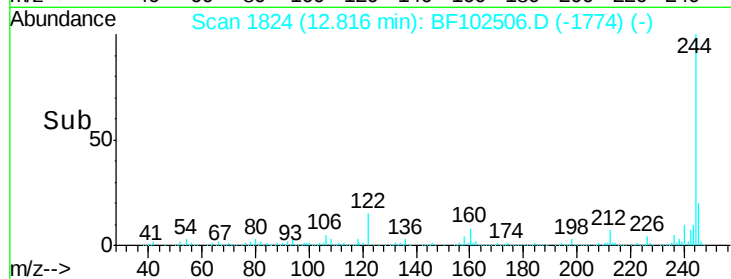
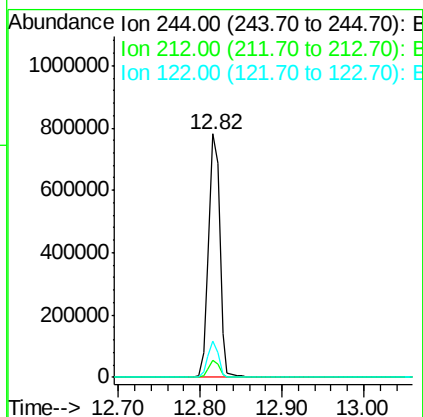
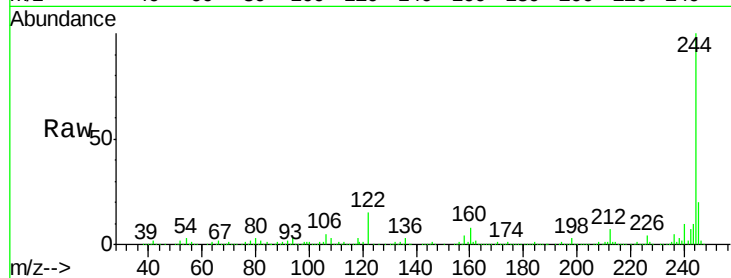




#78  
 Terphenyl-d14  
 Concen: 64.393 ng  
 RT: 12.82 min Scan# 1824  
 Delta R.T. -0.01 min  
 Lab File: BF102506.D  
 Acq: 27 Jan 2018 13:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC3

Tgt Ion:244 Resp: 747630  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.0  
 122 14.8 11.0 16.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.30 min Scan# 2246  
 Delta R.T. -0.01 min  
 Lab File: BF102506.D  
 Acq: 27 Jan 2018 13:17

Tgt Ion:264 Resp: 268312  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.2 28.8  
 265 22.0 17.5 26.3

