

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\  
 Data File : BF104346.D  
 Acq On : 7 Apr 2018 9:24  
 Operator : JU/SJ  
 Sample : J2255-01  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 040418-JETB-E-D-B

Quant Time: Apr 09 01:08:13 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 06 16:44:53 2018  
 Response via : Initial Calibration

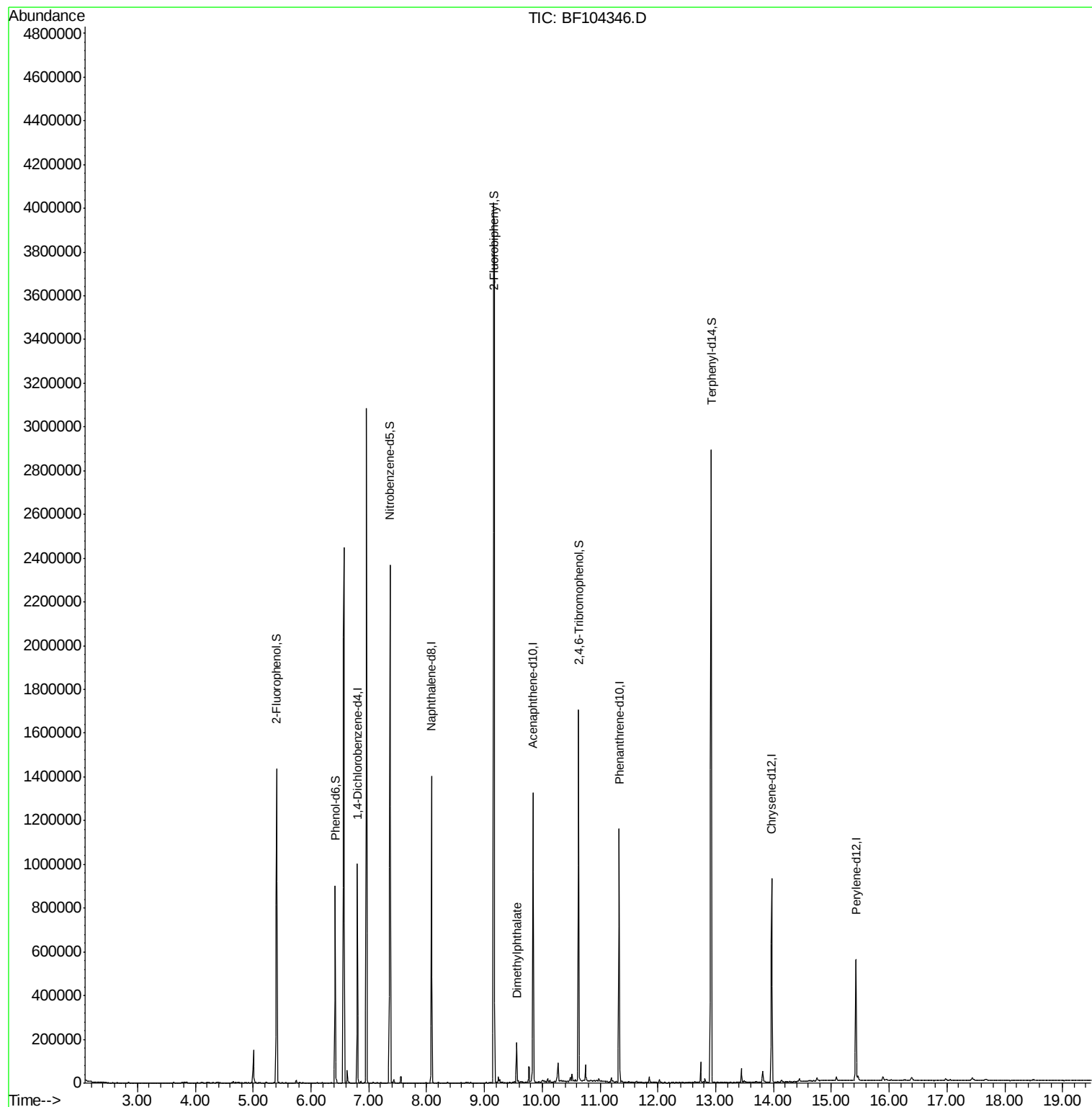
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 145093   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 571081   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.84  | 164  | 251305   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.33 | 188  | 365128   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.97 | 240  | 284302   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.43 | 264  | 256236   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.40  | 112  | 381303   | 40.18 | ng    | 0.00     |
| 7) Phenol-d6                | 6.42  | 99   | 282785   | 24.25 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 851857   | 97.40 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 194933   | 74.78 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 1430257  | 89.91 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.92 | 244  | 1024587  | 82.16 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.56  | 163  | 65865    | 3.324 | ng    | 99       |

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

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040418-JETB-E-D-B

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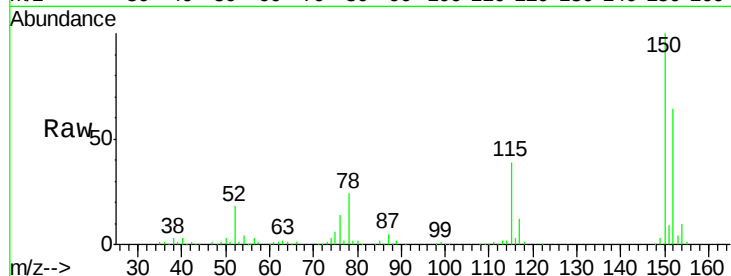


#1

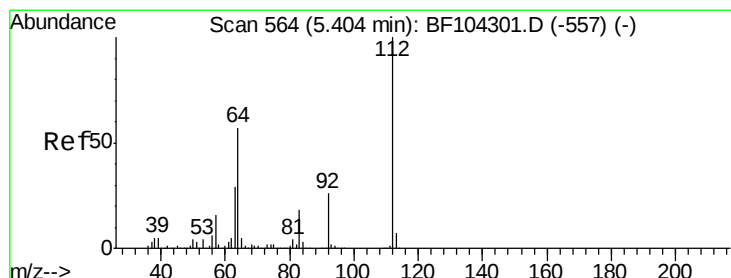
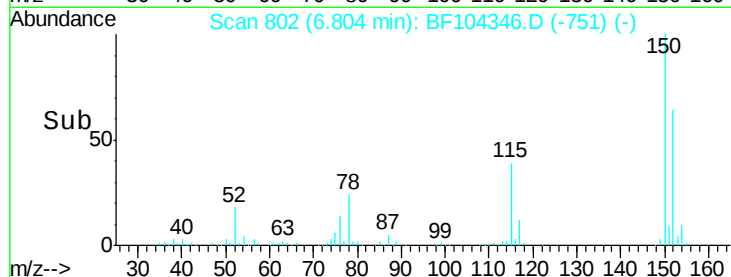
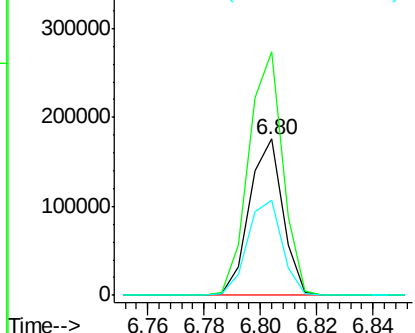
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF104346.D  
Acq: 7 Apr 2018 9:24

Instrument :  
BNA\_F  
ClientSampleId :  
040418-JETB-E-D-B

Tot Ion:152 Resp: 145093  
Ion Ratio Lower Upper  
152 100  
150 155.9 124.6 186.8  
115 61.0 50.1 75.1



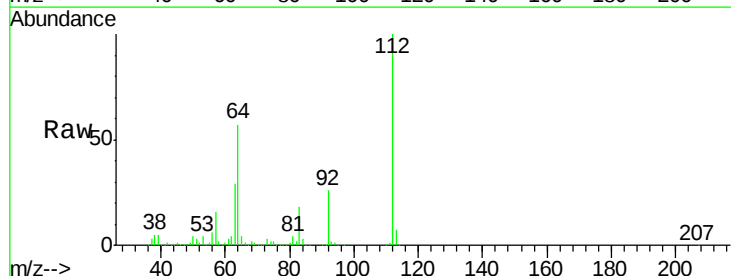
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



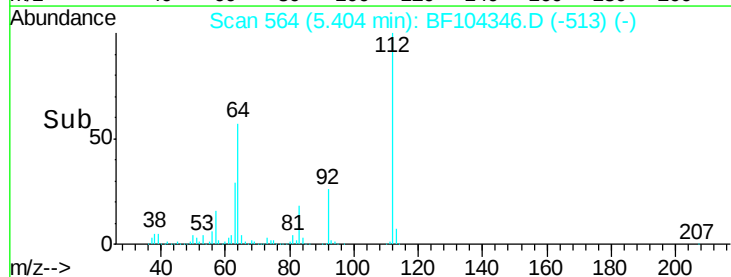
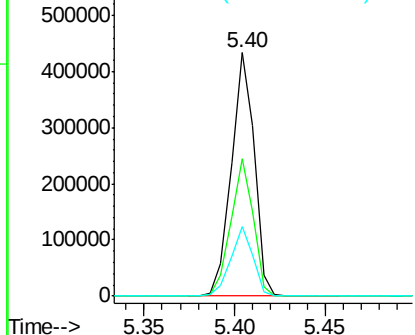
#5

2-Fluorophenol  
Concen: 40.183 ng  
RT: 5.40 min Scan# 564  
Delta R.T. -0.00 min  
Lab File: BF104346.D  
Acq: 7 Apr 2018 9:24

Tgt Ion:112 Resp: 381303  
Ion Ratio Lower Upper  
112 100  
64 56.5 47.9 71.9  
63 28.5 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: 24.255 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA\_F

ClientSampleId :

040418-JETB-E-D-B

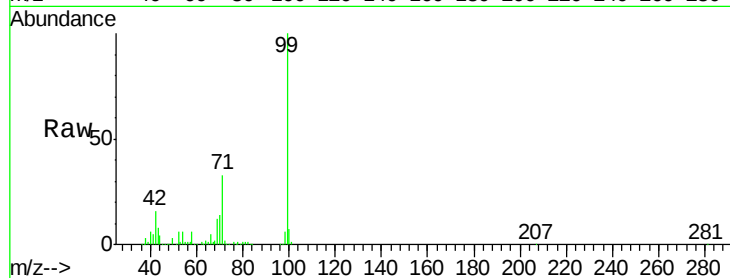
Tot Ion: 99 Resp: 282785

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

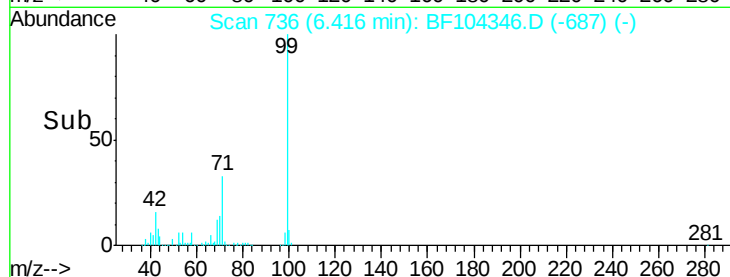
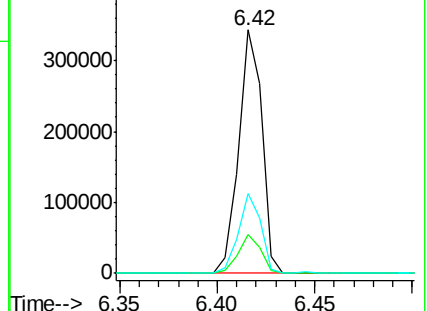
71 32.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Tgt Ion: 136 Resp: 571081

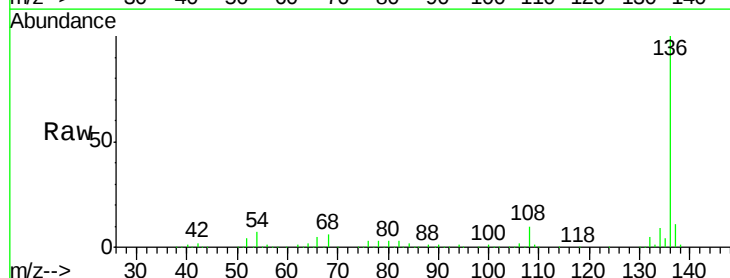
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 6.2 5.0 7.4

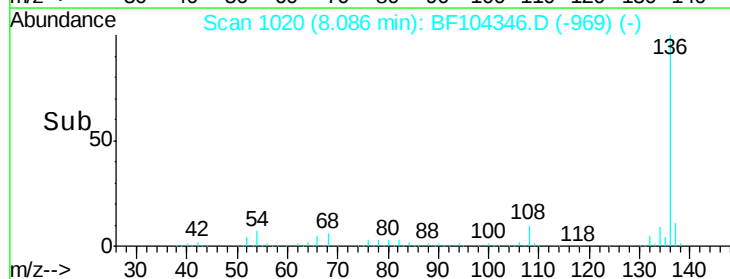
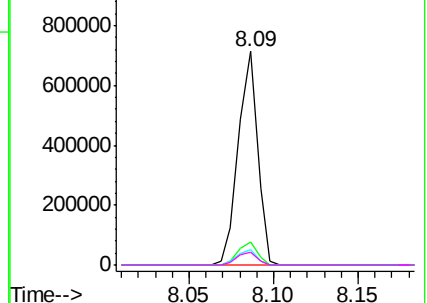


Abundance Ion 136.00 (135.70 to 136.70): E

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

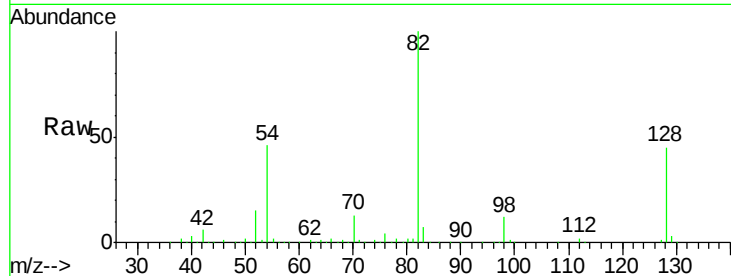




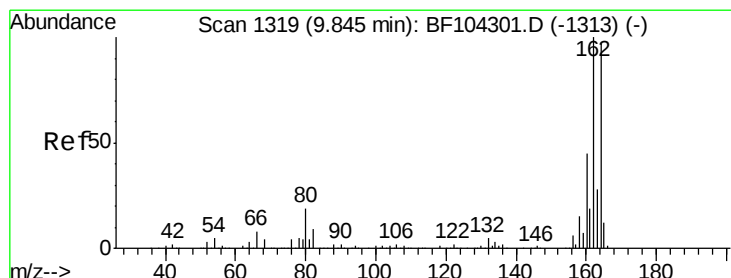
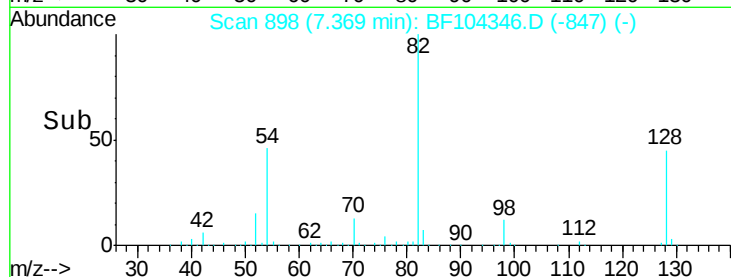
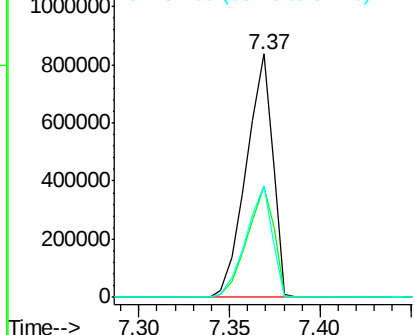
#23  
 Nitrobenzene-d5  
 Concen: 97.402 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. -0.00 min  
 Lab File: BF104346.D  
 Acq: 7 Apr 2018 9:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 040418-JETB-E-D-B

Tot Ion: 82 Resp: 851857  
 Ion Ratio Lower Upper  
 82 100  
 128 45.3 36.1 54.1  
 54 46.1 41.4 62.2

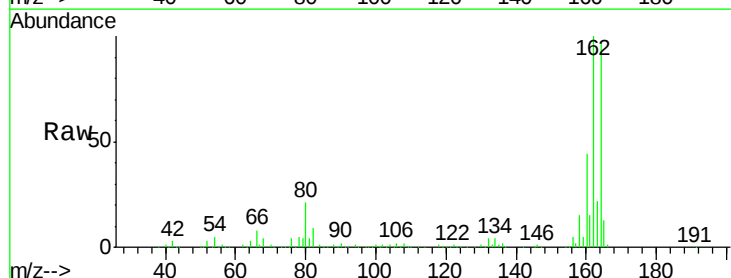


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

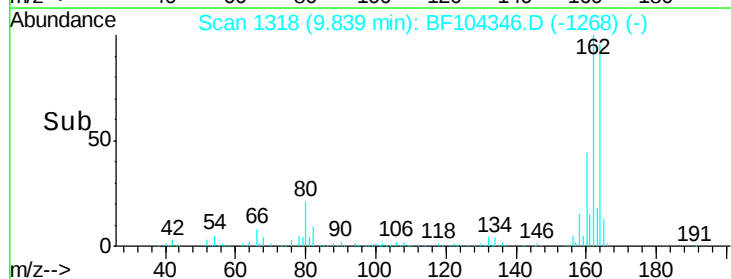
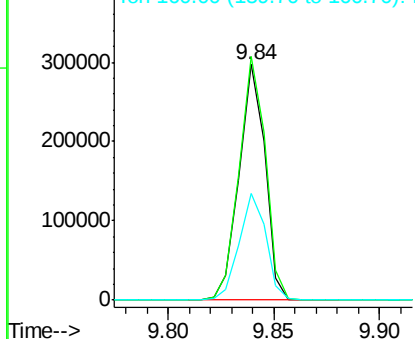


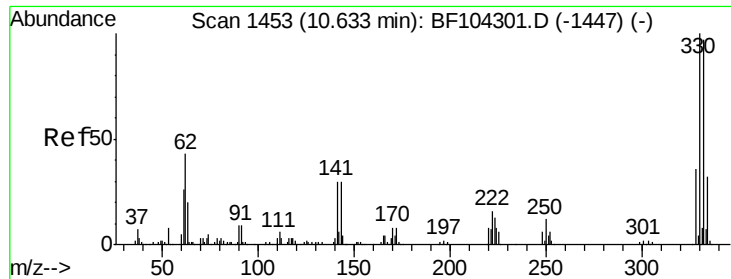
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.84 min Scan# 1318  
 Delta R.T. -0.01 min  
 Lab File: BF104346.D  
 Acq: 7 Apr 2018 9:24

Tgt Ion: 164 Resp: 251305  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 86.1 129.1  
 160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1  
 Ion 162.00 (161.70 to 162.70): BF1  
 Ion 160.00 (159.70 to 160.70): BF1

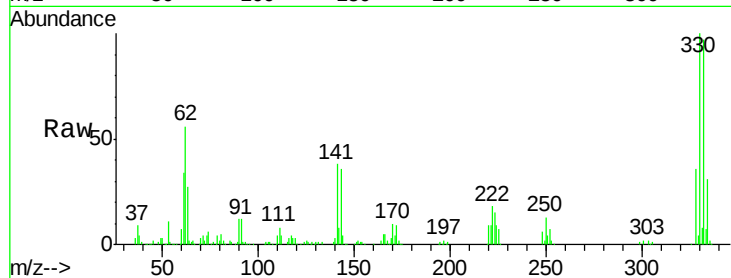




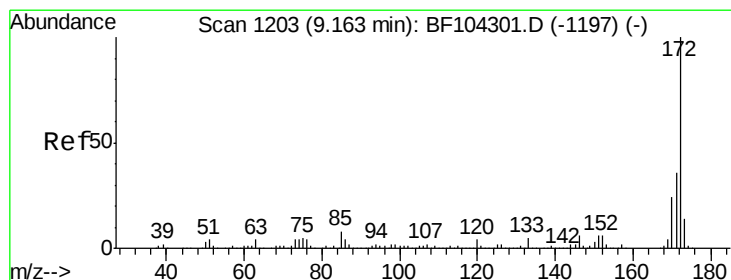
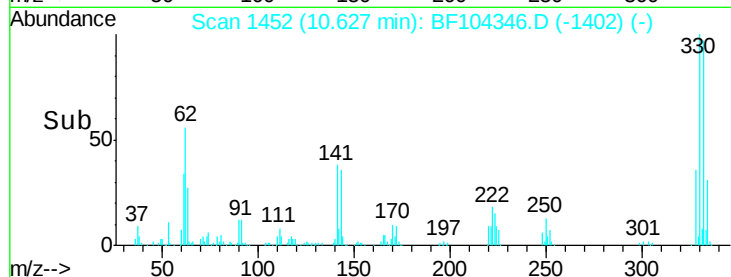
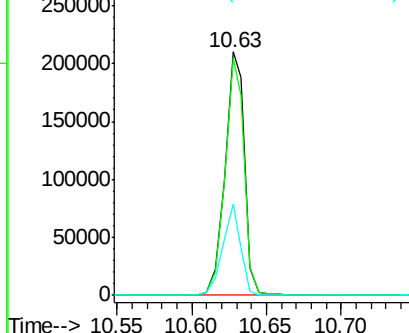
#41  
 2,4,6-Tribromophenol  
 Concen: 74.777 ng  
 RT: 10.63 min Scan# 1452  
 Delta R.T. -0.01 min  
 Lab File: BF104346.D  
 Acq: 7 Apr 2018 9:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 040418-JETB-E-D-B

Tot Ion:330 Resp: 194933  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 77.0 115.6  
 141 34.4 29.9 44.9

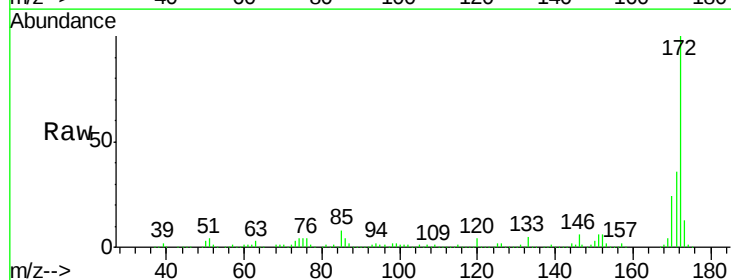


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

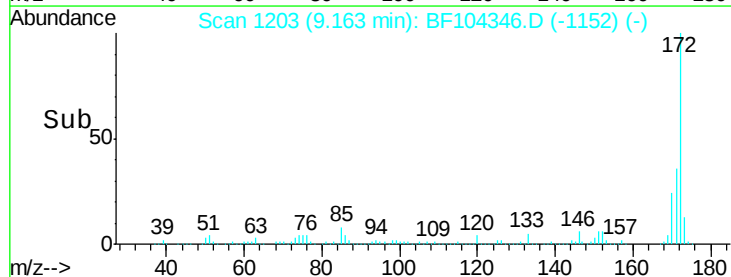
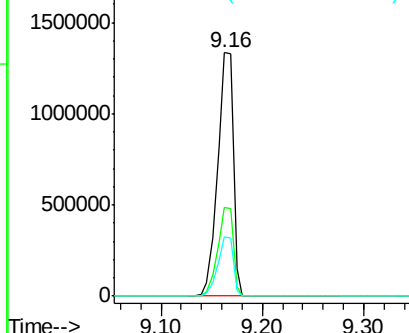


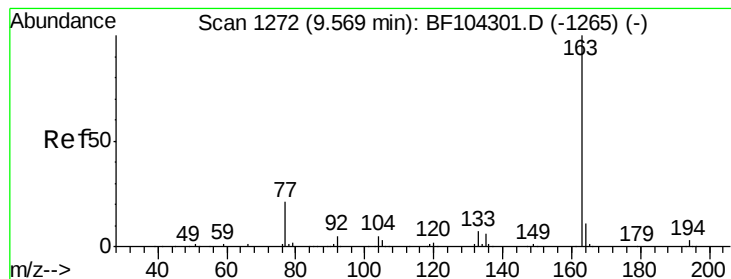
#44  
 2-Fluorobiphenyl  
 Concen: 89.909 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF104346.D  
 Acq: 7 Apr 2018 9:24

Tgt Ion:172 Resp: 1430257  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.7 44.5  
 170 24.4 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: 3.324 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA\_F

ClientSampleId :

040418-JETB-E-D-B

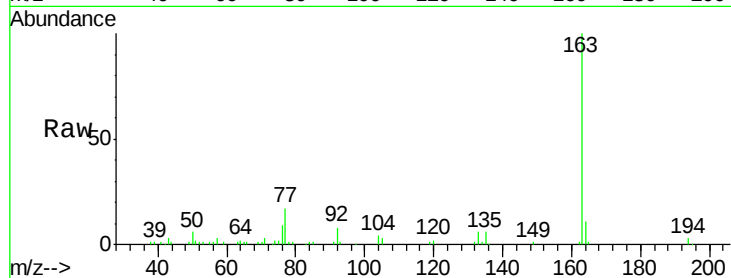
Tot Ion:163 Resp: 65865

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

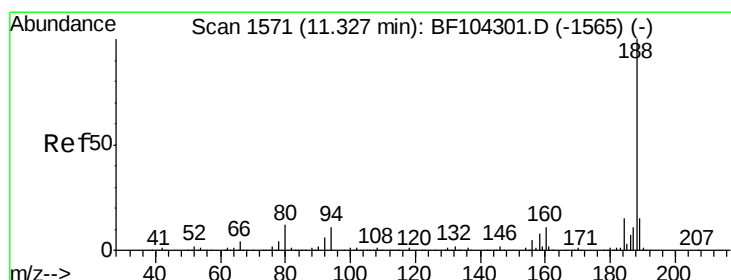
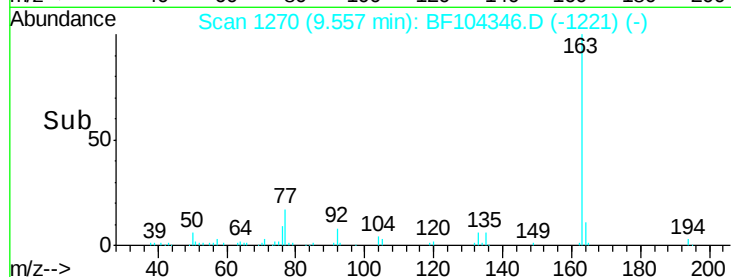
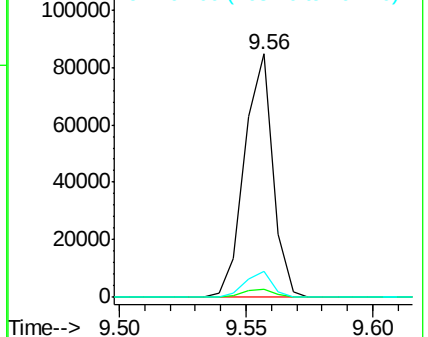
164 10.7 8.2 12.2



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: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

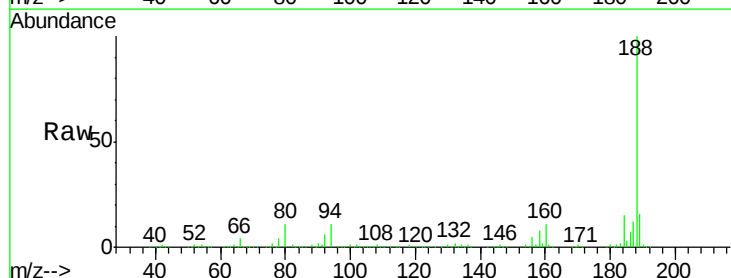
Tgt Ion:188 Resp: 365128

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

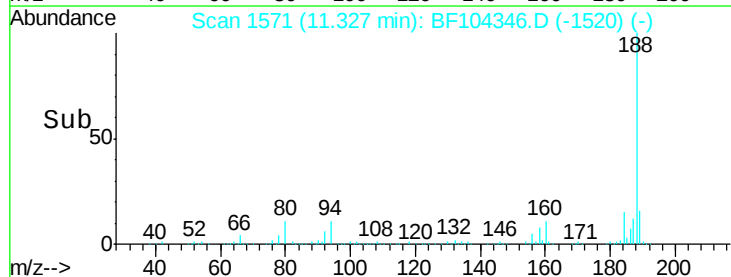
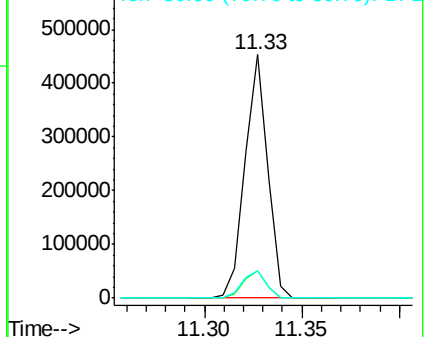
80 11.4 9.2 13.8

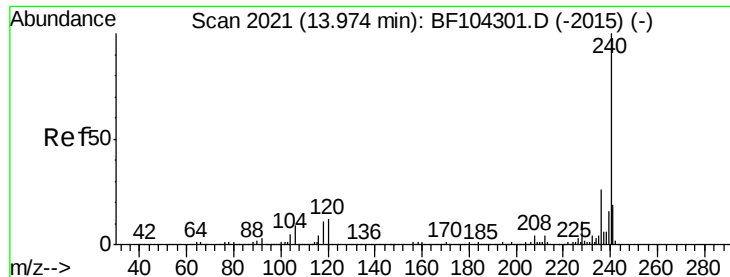


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

Instrument :

BNA\_F

ClientSampleId :

040418-JETB-E-D-B

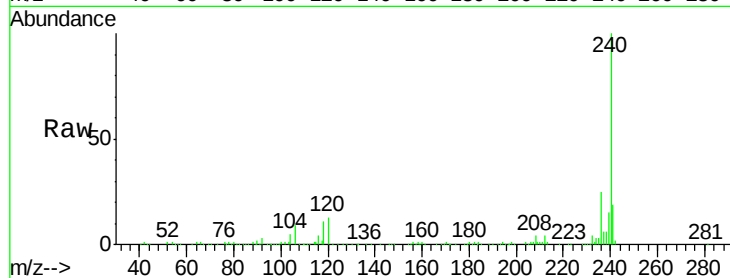
Tot Ion:240 Resp: 284302

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

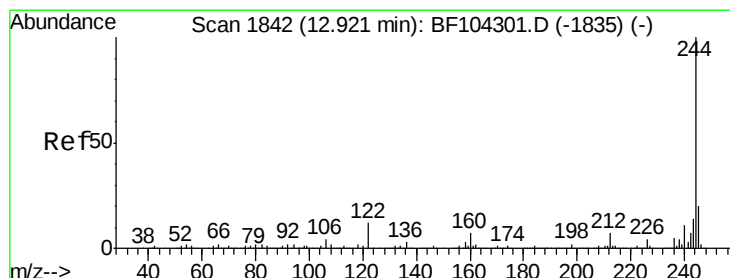
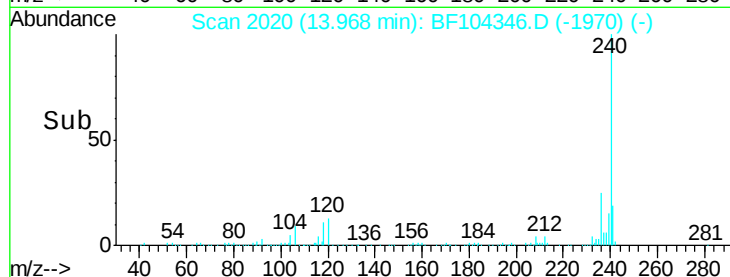
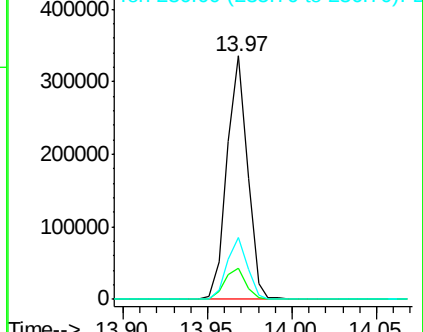
236 25.5 20.7 31.1



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: 82.162 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104346.D

Acq: 7 Apr 2018 9:24

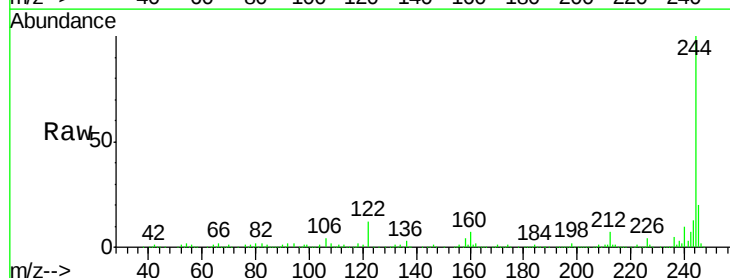
Tgt Ion:244 Resp: 1024587

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

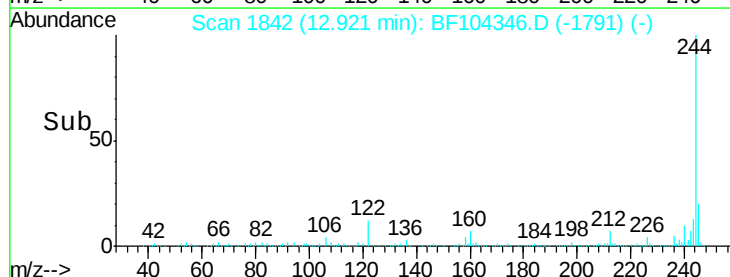
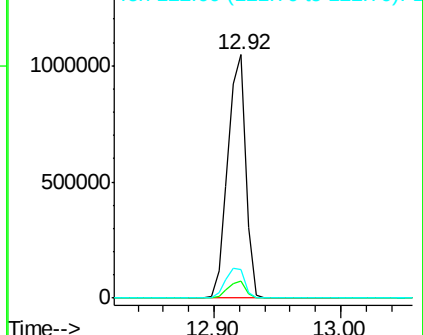
122 12.0 11.0 16.4

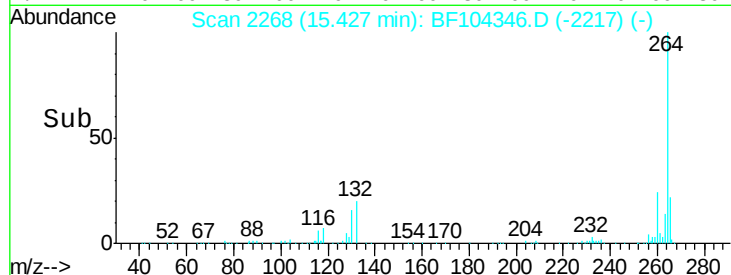
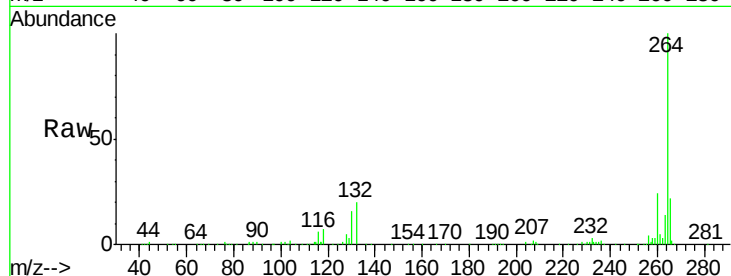
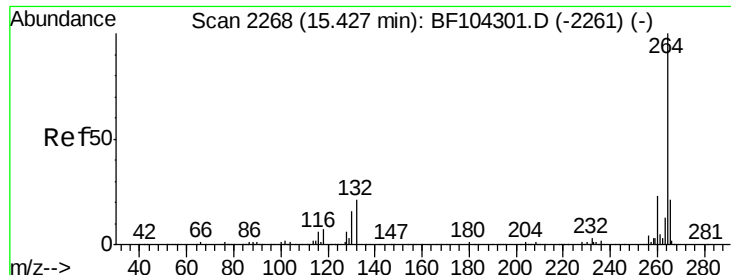


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: BF104346.D  
Acq: 7 Apr 2018 9:24

Instrument :  
BNA\_F  
ClientSampleId :  
040418-JETB-E-D-B

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 256236 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.3  | 19.2  | 28.8   |
| 265      | 21.6  | 17.5  | 26.3   |

