

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\  
 Data File : BF084968.D  
 Acq On : 9 Feb 2016 22:44  
 Operator : SJ/IZ  
 Sample : H1377-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB02-0-1

Quant Time: Feb 10 04:59:01 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

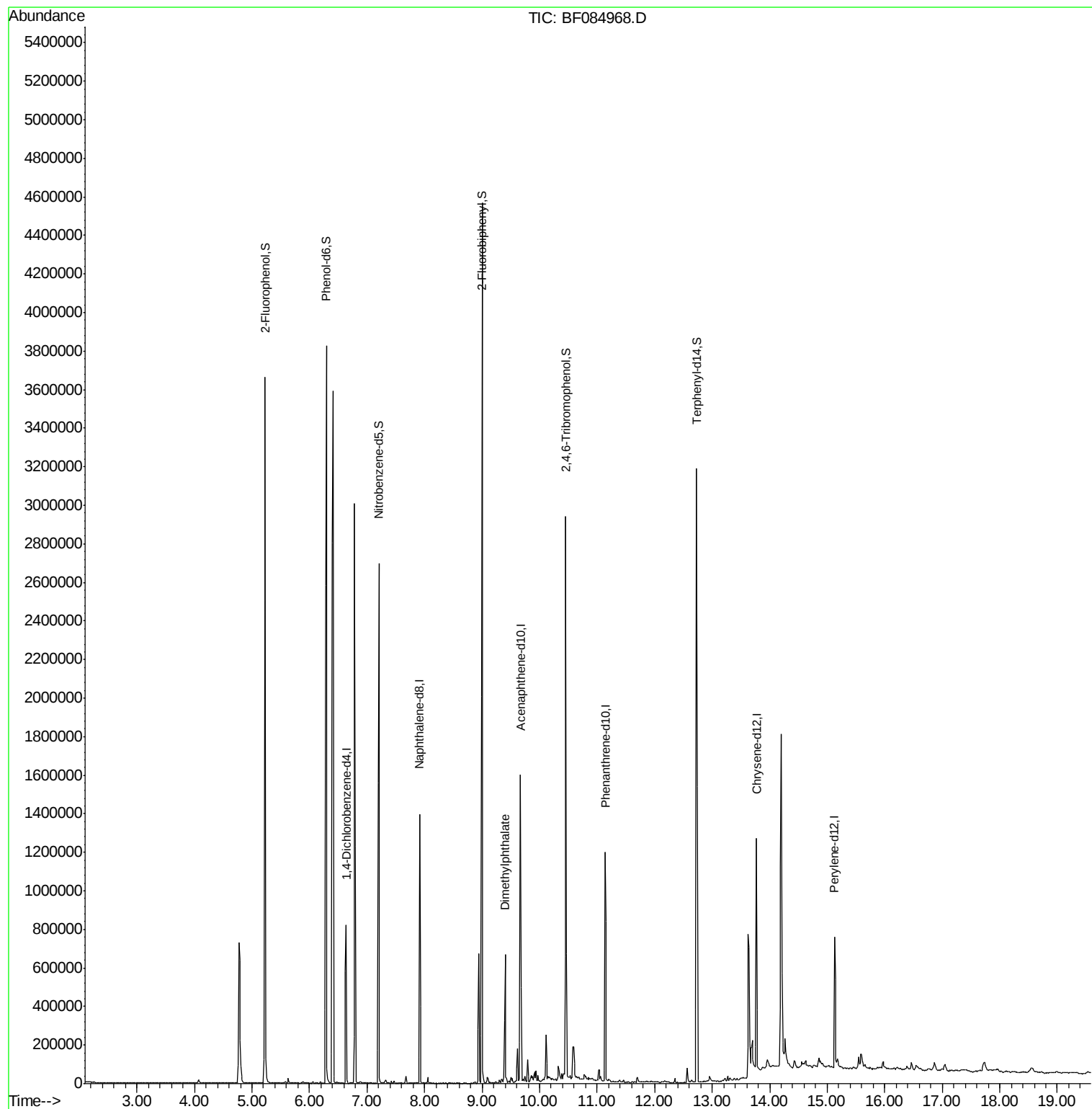
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.64  | 152  | 158201   | 20.00  | ng    | -0.05          |
| 21) Naphthalene-d8          | 7.92  | 136  | 657730   | 20.00  | ng    | -0.06          |
| 38) Acenaphthene-d10        | 9.66  | 164  | 322034   | 20.00  | ng    | -0.07          |
| 63) Phenanthrene-d10        | 11.14 | 188  | 571943   | 20.00  | ng    | -0.07          |
| 75) Chrysene-d12            | 13.77 | 240  | 406830   | 20.00  | ng    | -0.07          |
| 86) Perylene-d12            | 15.13 | 264  | 318409   | 20.00  | ng    | -0.08          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.23  | 112  | 1252584  | 123.33 | ng    | -0.05          |
| 7) Phenol-d6                | 6.29  | 99   | 1629890  | 129.44 | ng    | -0.05          |
| 23) Nitrobenzene-d5         | 7.21  | 82   | 1034844  | 88.63  | ng    | -0.06          |
| 41) 2,4,6-Tribromophenol    | 10.45 | 330  | 351337   | 104.59 | ng    | -0.07          |
| 44) 2-Fluorobiphenyl        | 9.00  | 172  | 1563713  | 80.24  | ng    | -0.06          |
| 78) Terphenyl-d14           | 12.73 | 244  | 1171630  | 65.26  | ng    | -0.07          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.40  | 163  | 307860   | 12.55  | ng    | Qvalue<br># 91 |

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

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QLast Update : Wed Feb 03 14:16:01 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA\_F

ClientSampleId :

SB02-0-1

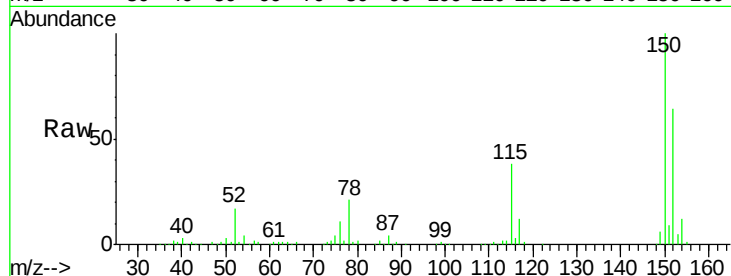
Tot Ion:152 Resp: 158201

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

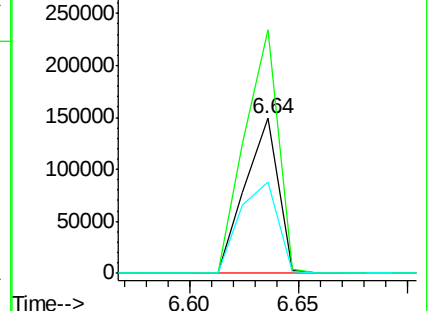
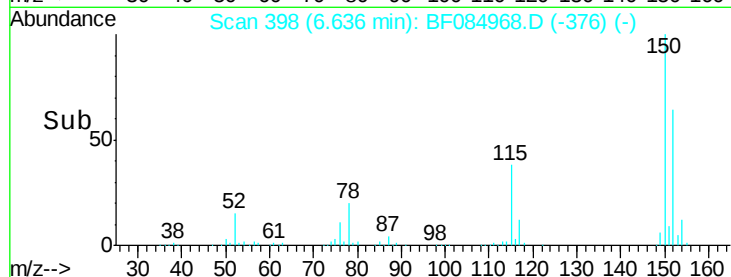
115 59.2 51.4 77.2



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: 123.33 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

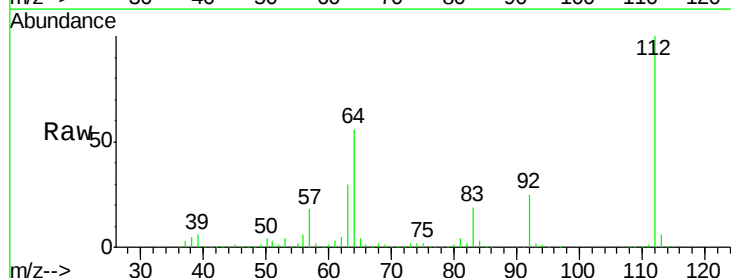
Tgt Ion:112 Resp: 1252584

Ion Ratio Lower Upper

112 100

64 55.7 36.6 55.0#

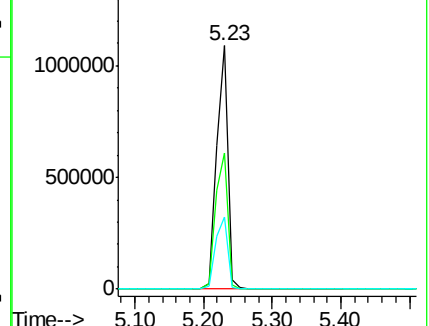
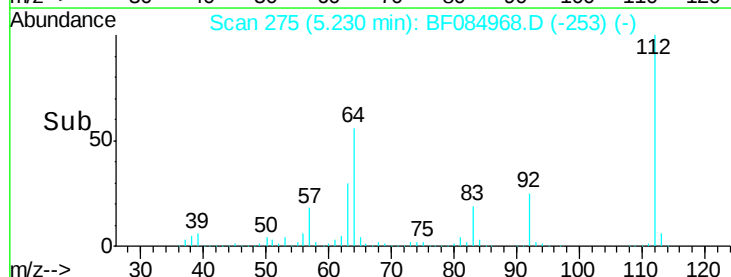
63 29.6 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.44 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA\_F

ClientSampleId :

SB02-0-1

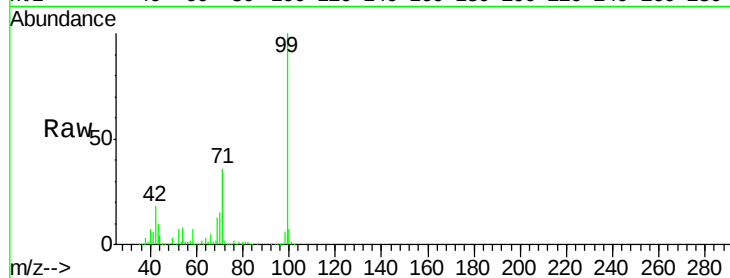
Tot Ion: 99 Resp: 1629890

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

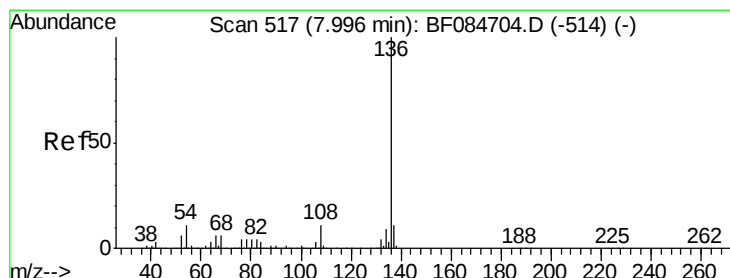
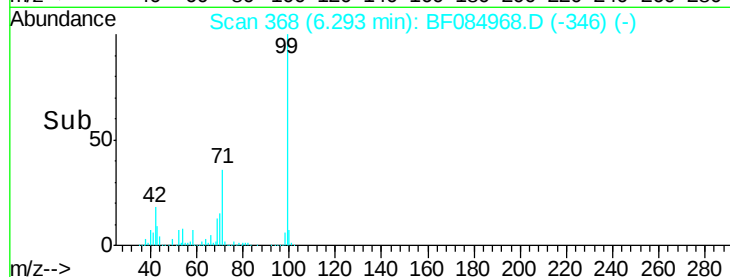
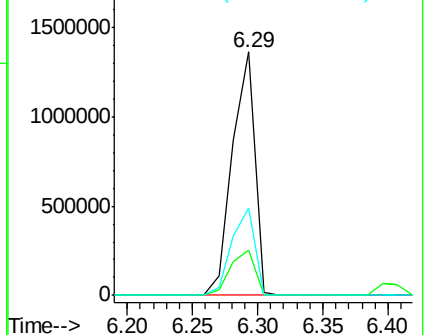
71 35.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Tgt Ion: 136 Resp: 657730

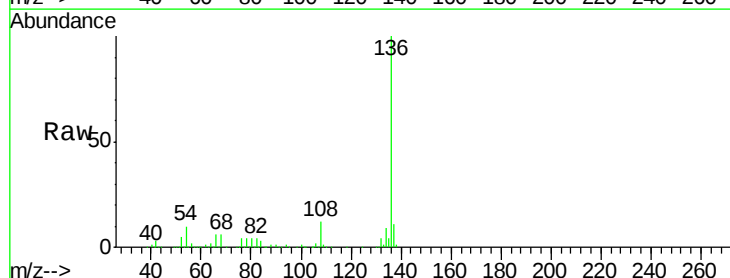
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.8 5.8 8.8#

68 5.5 4.2 6.2

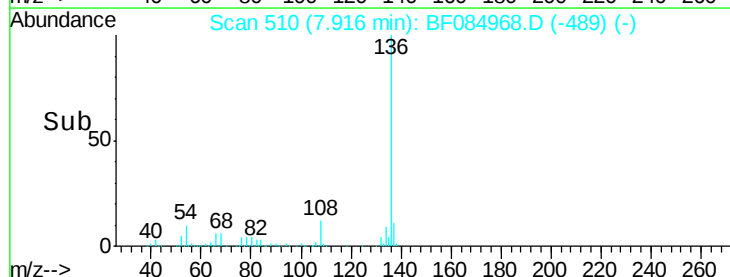
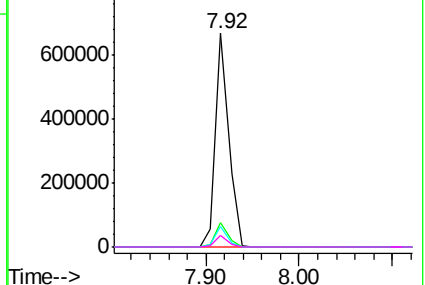


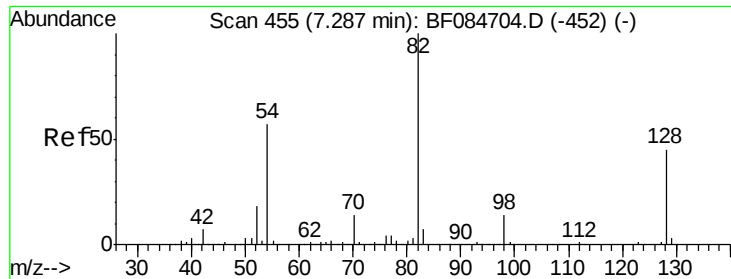
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

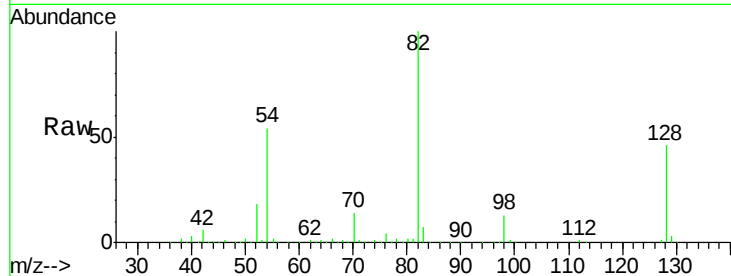




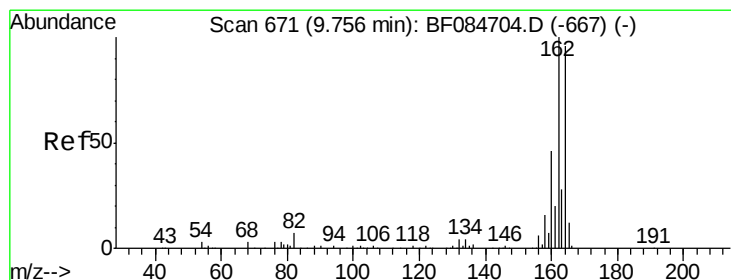
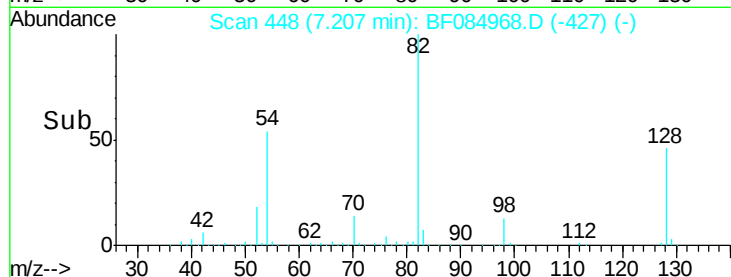
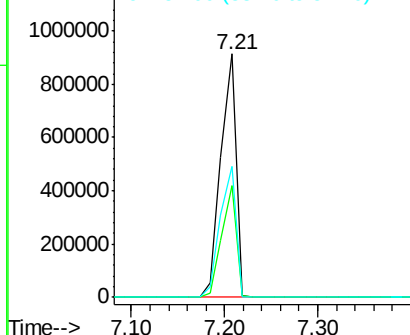
#23  
 Nitrobenzene-d5  
 Concen: 88.63 ng  
 RT: 7.21 min Scan# 448  
 Delta R.T. -0.06 min  
 Lab File: BF084968.D  
 Acq: 9 Feb 2016 22:44

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB02-0-1

Tot Ion: 82 Resp: 1034844  
 Ion Ratio Lower Upper  
 82 100  
 128 45.8 34.6 51.8  
 54 54.0 38.4 57.6

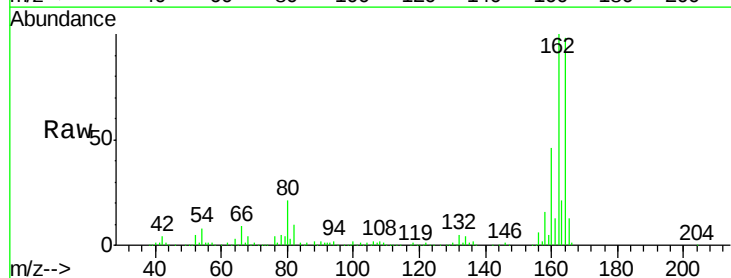


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

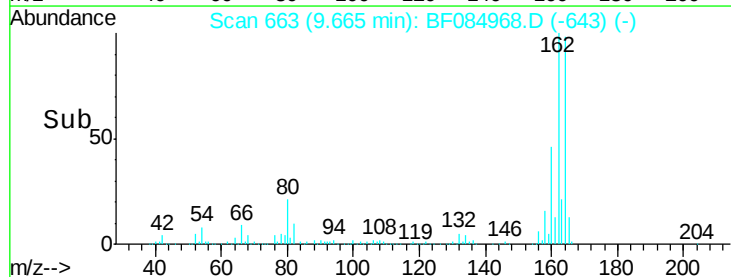
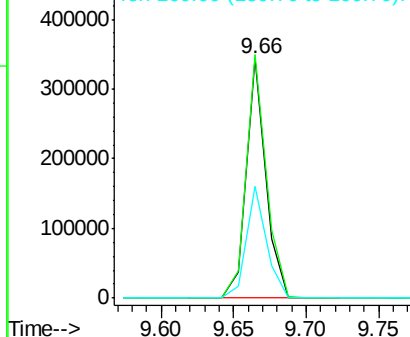


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.66 min Scan# 663  
 Delta R.T. -0.07 min  
 Lab File: BF084968.D  
 Acq: 9 Feb 2016 22:44

Tgt Ion:164 Resp: 322034  
 Ion Ratio Lower Upper  
 164 100  
 162 101.6 85.1 127.7  
 160 46.9 37.5 56.3



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

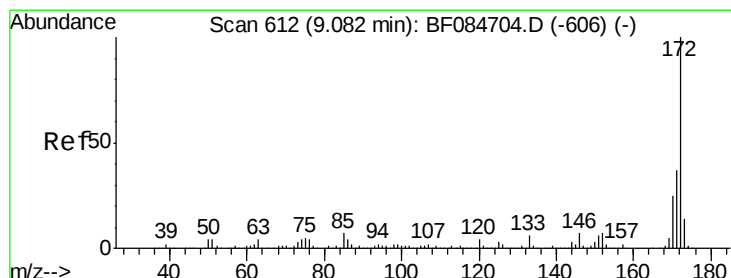
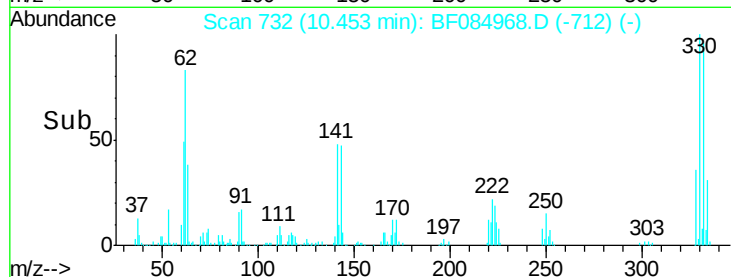
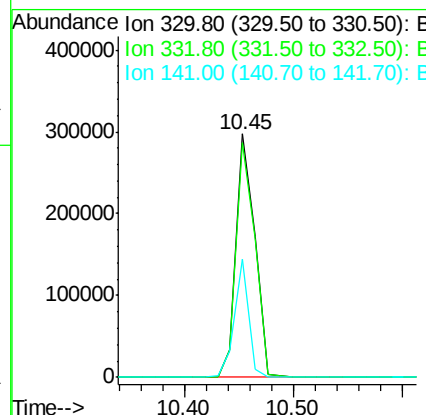
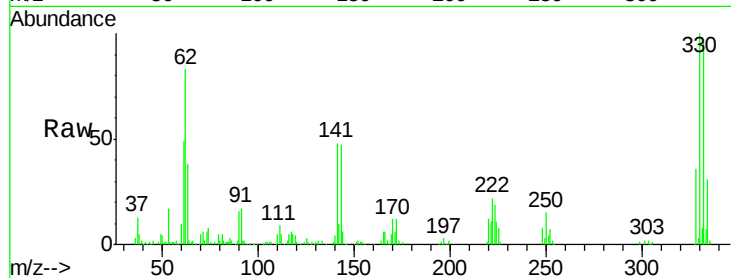




#41  
 2,4,6-Tribromophenol  
 Concen: 104.59 ng  
 RT: 10.45 min Scan# 732  
 Delta R.T. -0.07 min  
 Lab File: BF084968.D  
 Acq: 9 Feb 2016 22:44

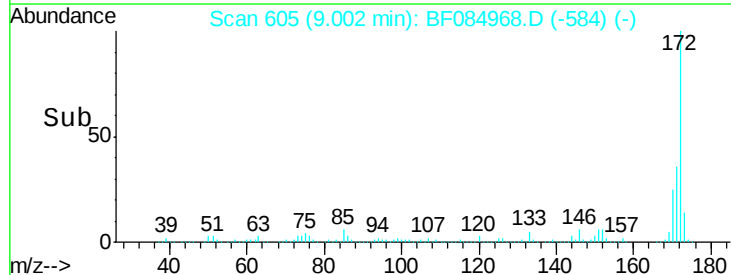
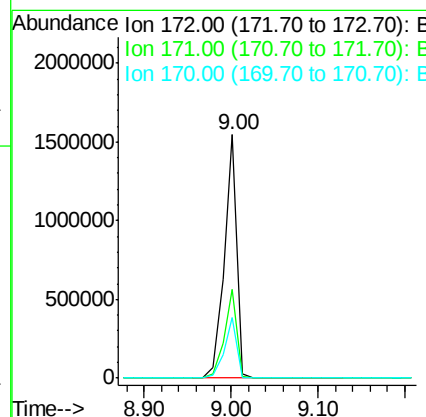
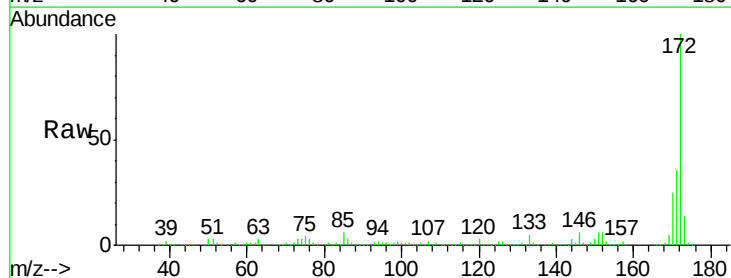
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB02-0-1

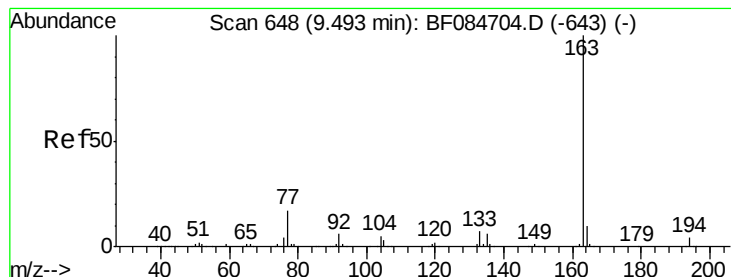
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 76.6  | 114.8 |
| 141     | 37.0  | 27.8  | 41.6  |



#44  
 2-Fluorobiphenyl  
 Concen: 80.24 ng  
 RT: 9.00 min Scan# 605  
 Delta R.T. -0.06 min  
 Lab File: BF084968.D  
 Acq: 9 Feb 2016 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 28.9  | 43.3  |
| 170     | 25.0  | 18.6  | 27.8  |





#49

Dimethylphthalate

Concen: 12.55 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA\_F

ClientSampleId :

SB02-0-1

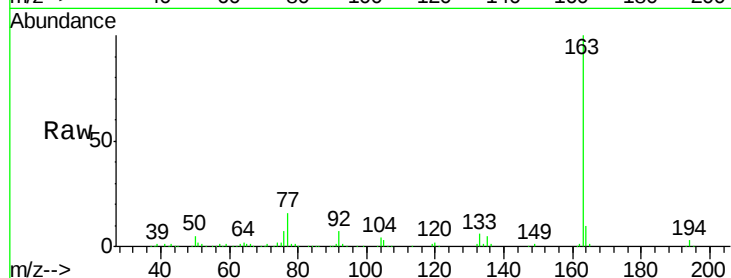
Tot Ion:163 Resp: 307860

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

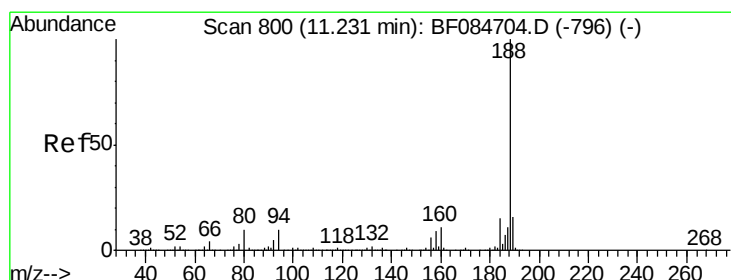
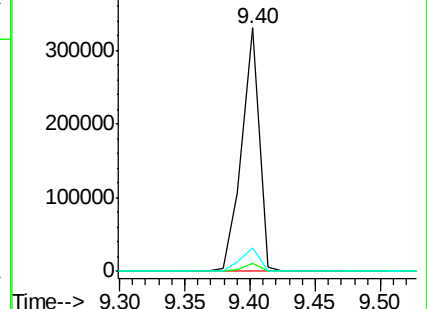
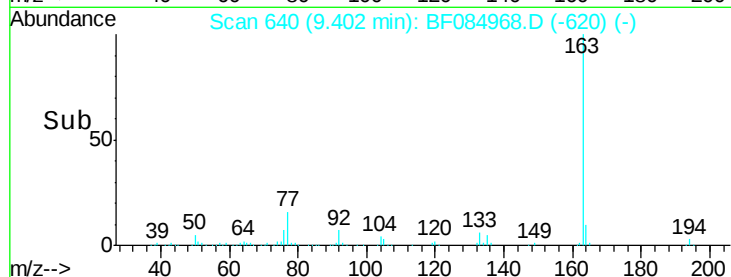
164 9.8 8.0 12.0



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: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

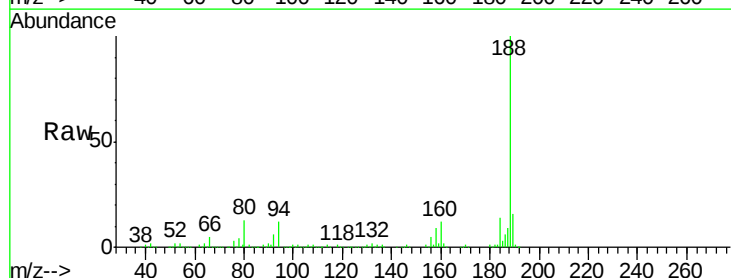
Tgt Ion:188 Resp: 571943

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

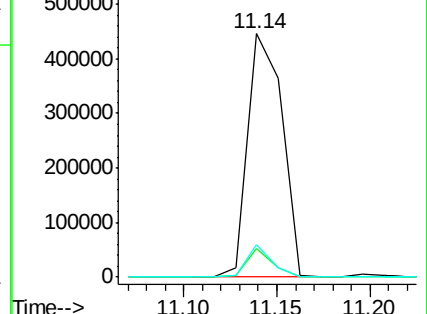
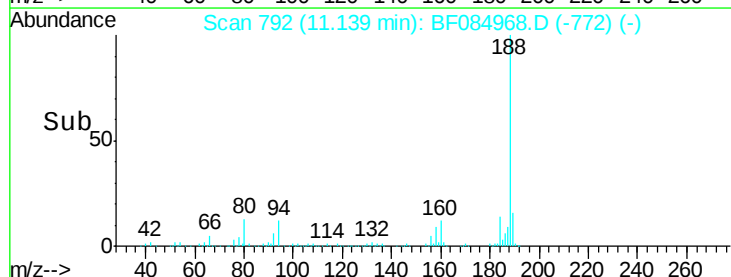
80 13.2 9.6 14.4

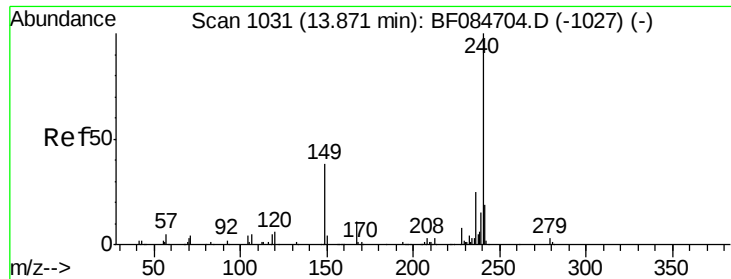


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA\_F

ClientSampleId :

SB02-0-1

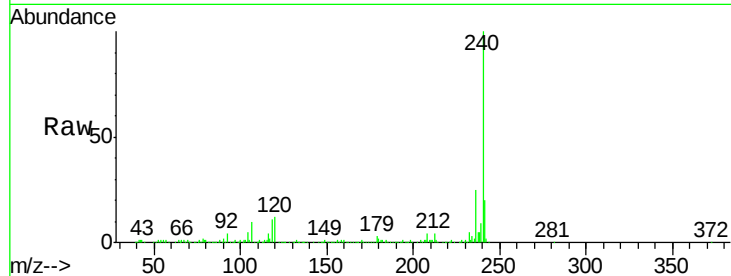
Tot Ion:240 Resp: 406830

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

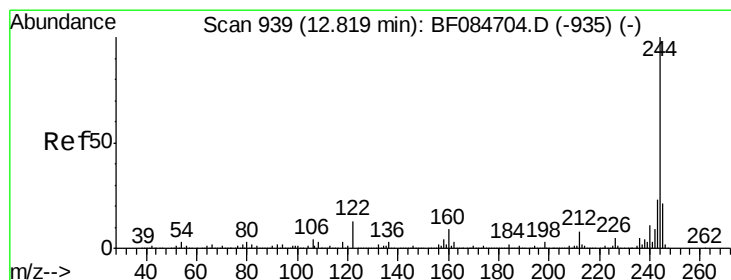
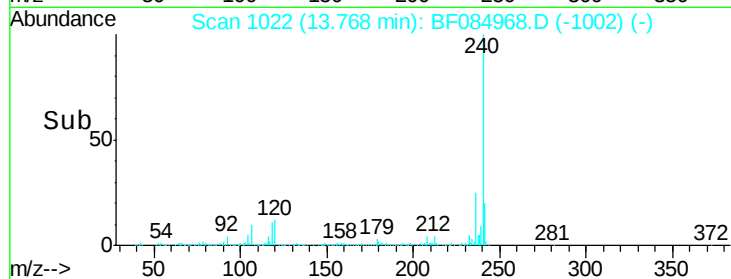
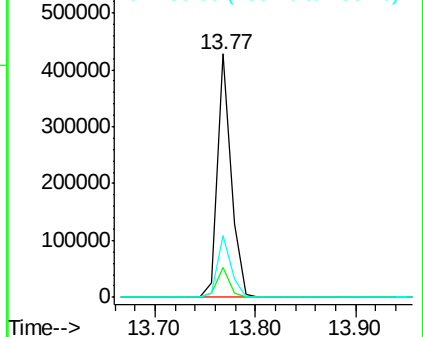
236 25.4 20.6 31.0



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: 65.26 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

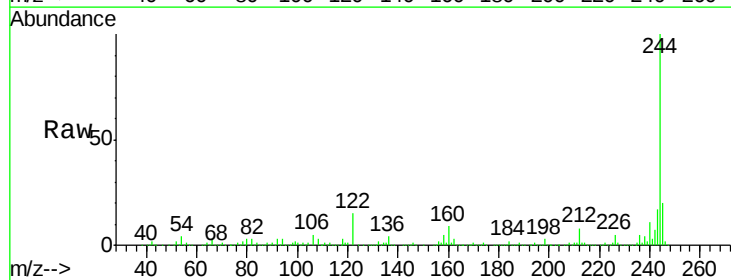
Tgt Ion:244 Resp: 1171630

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

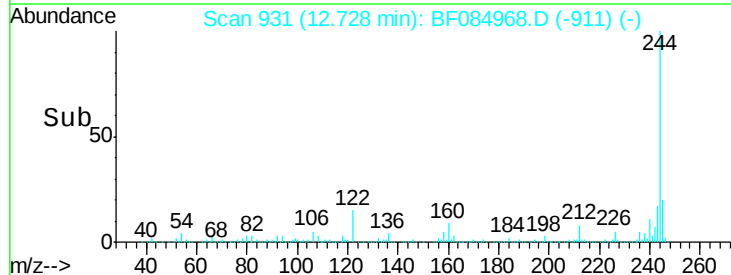
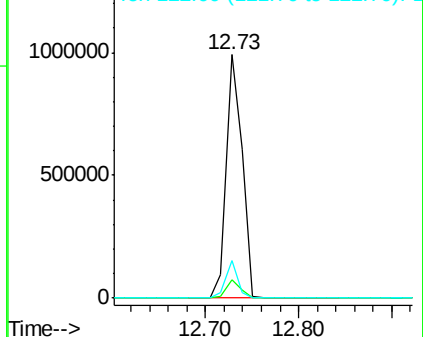
122 15.2 7.4 11.0#

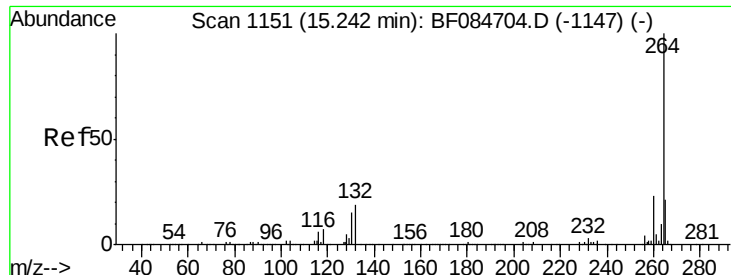


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.13 min Scan# 1141  
 Delta R.T. -0.08 min  
 Lab File: BF084968.D  
 Acq: 9 Feb 2016 22:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB02-0-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.4  | 29.2  |
| 265     | 21.4  | 17.8  | 26.6  |

