

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081616\  
 Data File : BF089746.D  
 Acq On : 17 Aug 2016 6:15  
 Operator : UM/SJ  
 Sample : H4449-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PURGE-WATER

Quant Time: Aug 17 06:56:53 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 19:45:04 2016  
 Response via : Initial Calibration

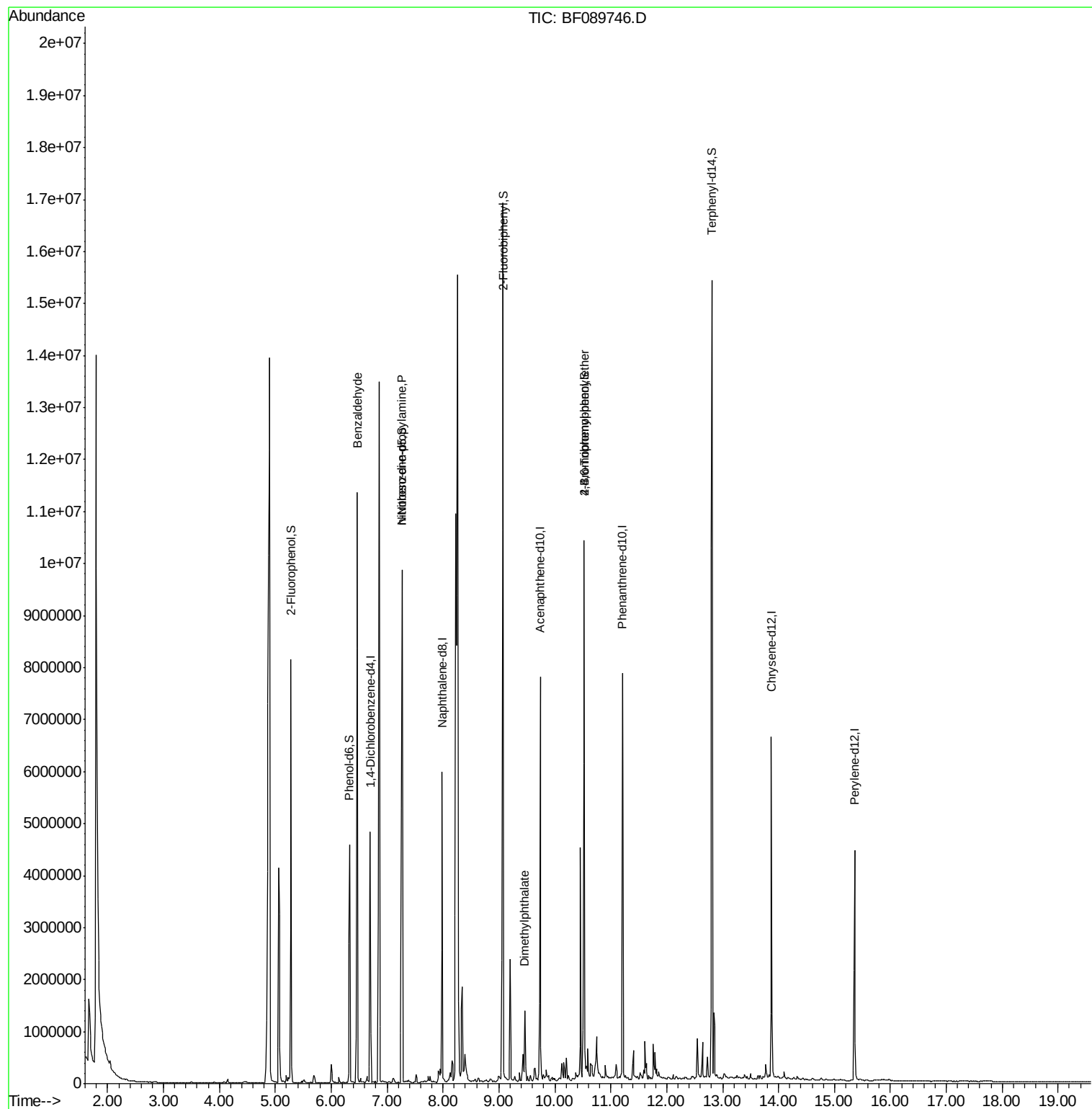
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.70  | 152  | 698961   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8             | 7.99  | 136  | 2980206  | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10           | 9.74  | 164  | 1446535  | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10           | 11.21 | 188  | 2547030  | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12               | 13.87 | 240  | 2163752  | 20.00  | ng    | -0.02     |
| 86) Perylene-d12               | 15.36 | 264  | 1890358  | 20.00  | ng    | -0.05     |
| System Monitoring Compounds    |       |      |          |        |       |           |
| 5) 2-Fluorophenol              | 5.28  | 112  | 2349220  | 56.08  | ng    | 0.00      |
| 7) Phenol-d6                   | 6.33  | 99   | 2017915  | 37.87  | ng    | 0.00      |
| 23) Nitrobenzene-d5            | 7.27  | 82   | 3846158  | 78.80  | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol       | 10.52 | 330  | 1546283  | 110.50 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl           | 9.07  | 172  | 6425197  | 71.27  | ng    | 0.00      |
| 78) Terphenyl-d14              | 12.81 | 244  | 5470200  | 75.53  | ng    | 0.00      |
| Target Compounds               |       |      |          |        |       |           |
| 9) Benzaldehyde                | 6.47  | 77   | 95578    | 2.71   | ng    | Qvalue 92 |
| 19) n-Nitroso-di-n-propylamine | 7.27  | 70   | 537153   | 15.39  | ng    | # 73      |
| 49) Dimethylphthalate          | 9.46  | 163  | 495467   | 4.73   | ng    | 99        |
| 66) 4-Bromophenyl-phenylether  | 10.52 | 248  | 96180    | 3.65   | ng    | # 1       |

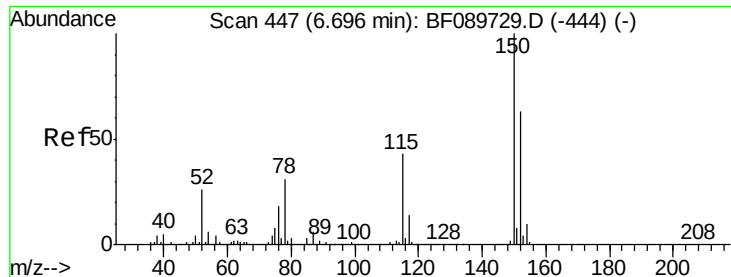
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF089746.D

Acq: 17 Aug 2016 6:15

Instrument :

BNA\_F

ClientSampleId :

PURGE-WATER

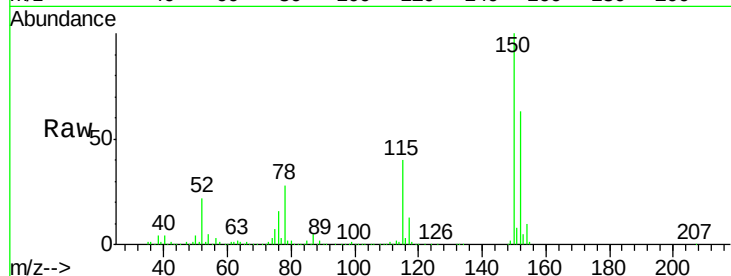
Tgt Ion:152 Resp: 698961

Ion Ratio Lower Upper

152 100

150 158.2 125.3 187.9

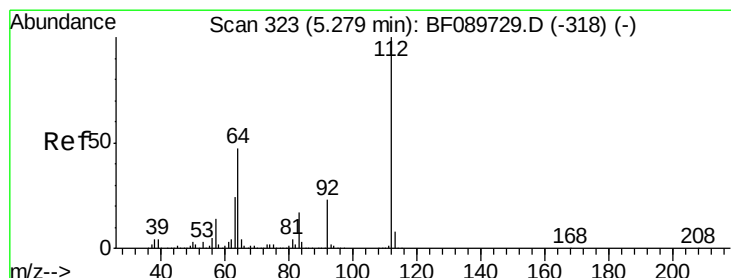
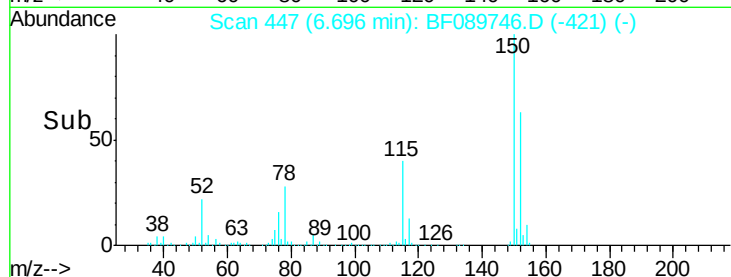
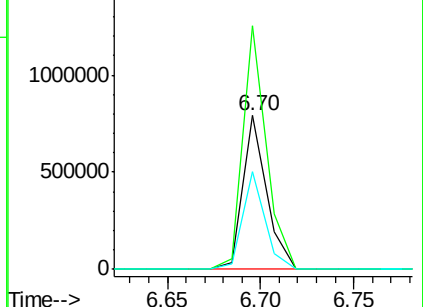
115 63.8 40.9 61.3#



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: 56.08 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089746.D

Acq: 17 Aug 2016 6:15

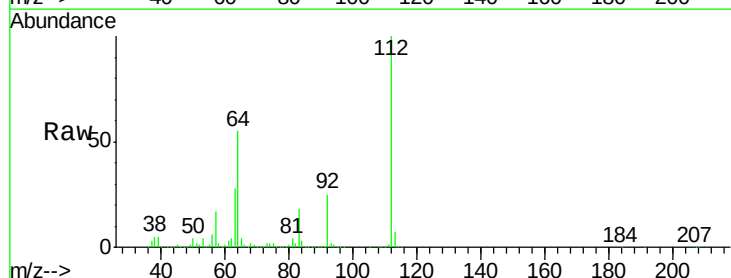
Tgt Ion:112 Resp: 2349220

Ion Ratio Lower Upper

112 100

64 55.0 45.0 67.4

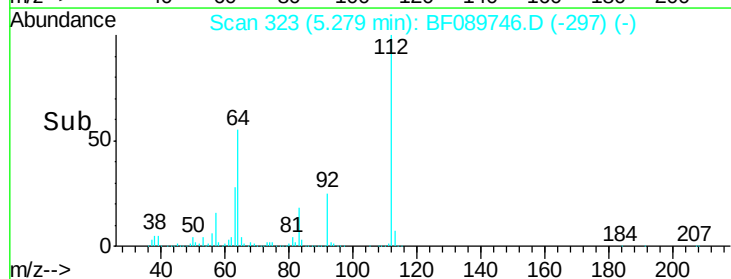
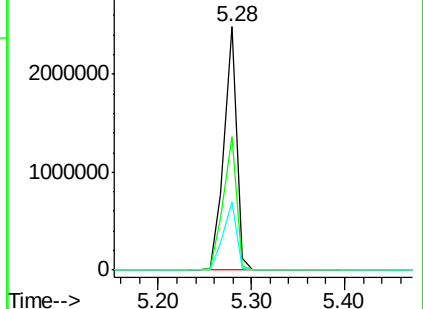
63 27.9 23.1 34.7

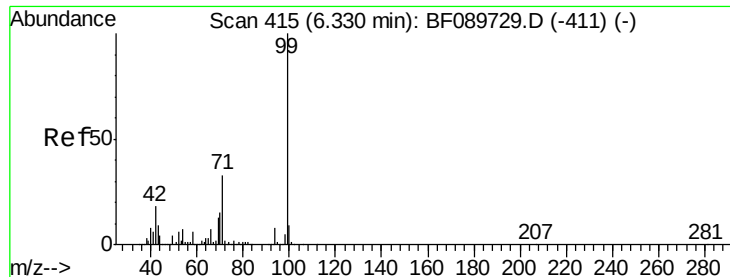


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.87 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089746.D

Acq: 17 Aug 2016 6:15

Instrument :

BNA\_F

ClientSampleId :

PURGE-WATER

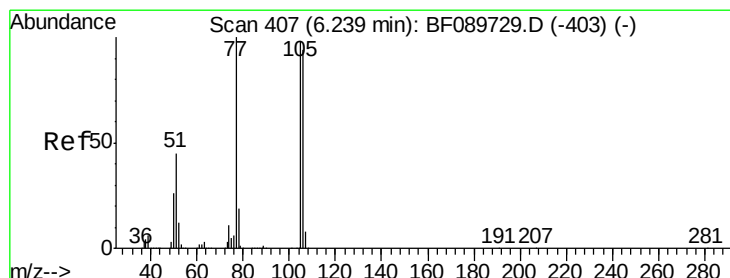
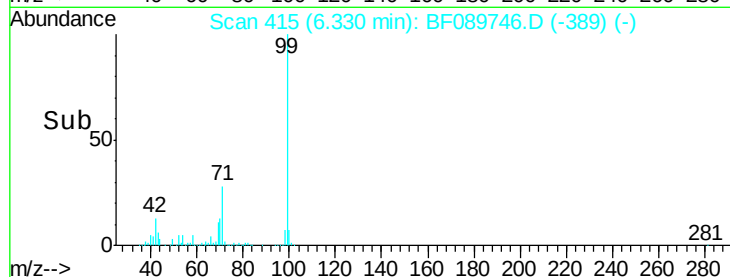
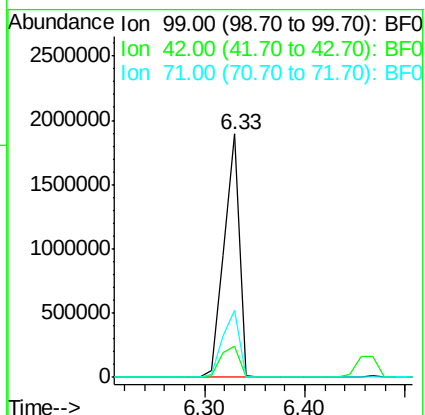
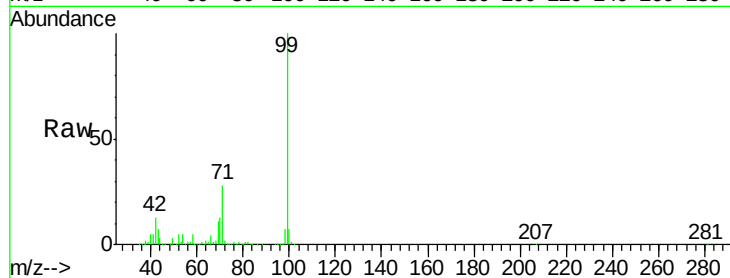
Tgt Ion: 99 Resp: 2017915

Ion Ratio Lower Upper

99 100

42 12.8 12.2 18.4

71 27.5 23.8 35.8



#9

Benzaldehyde

Concen: 2.71 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

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Acq: 17 Aug 2016 6:15

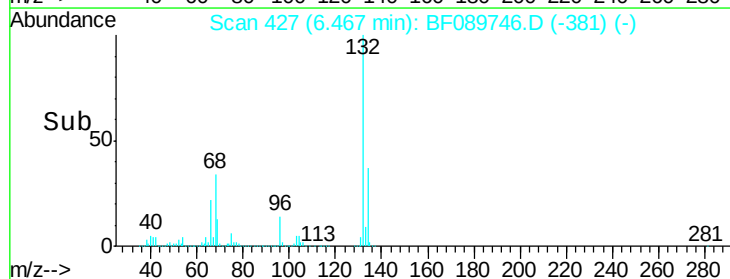
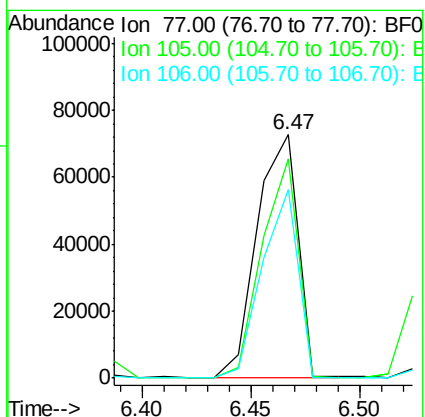
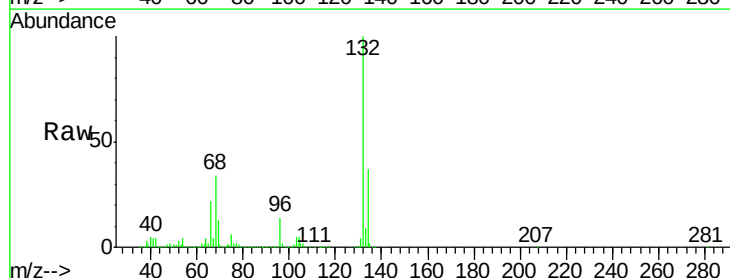
Tgt Ion: 77 Resp: 95578

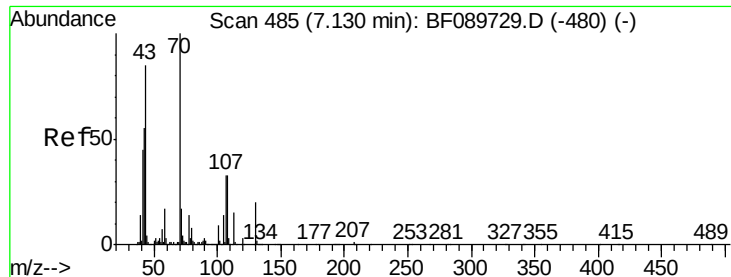
Ion Ratio Lower Upper

77 100

105 89.9 73.3 113.3

106 77.2 68.6 108.6

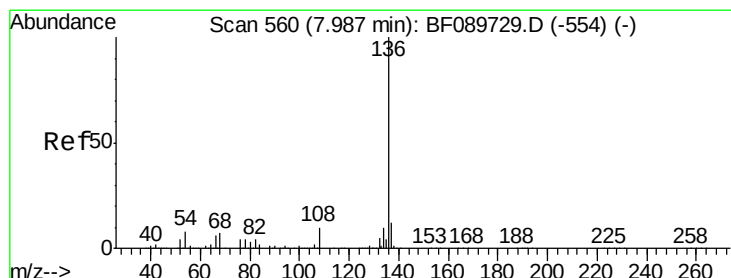
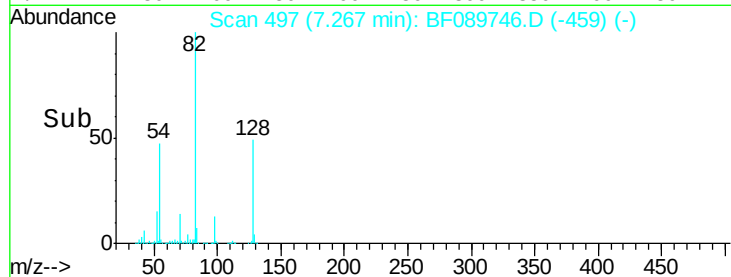
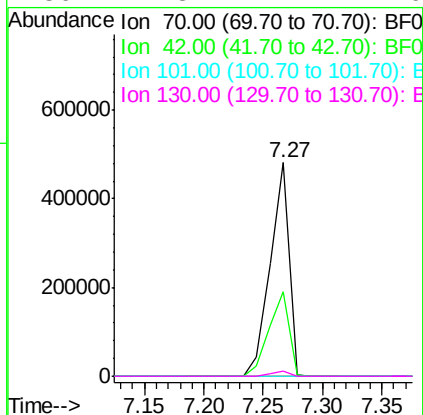
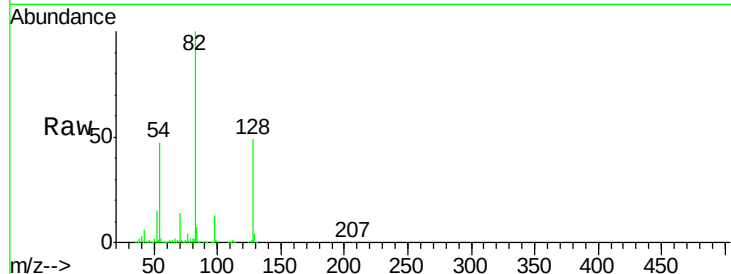




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 15.39 ng  
 RT: 7.27 min Scan# 497  
 Delta R.T. 0.14 min  
 Lab File: BF089746.D  
 Acq: 17 Aug 2016 6:15

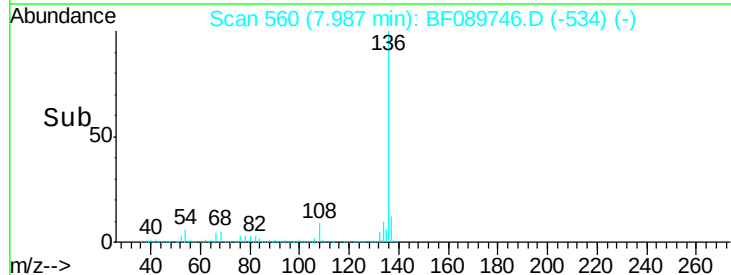
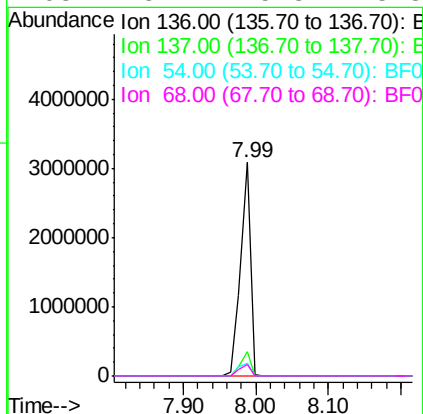
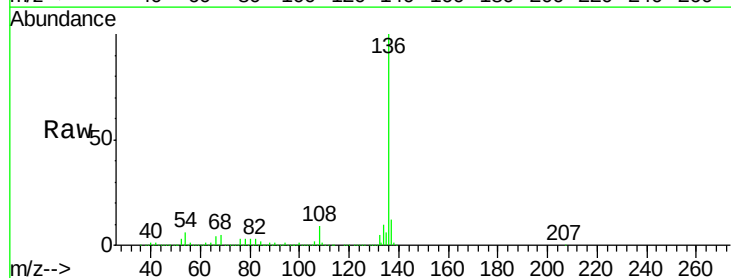
Instrument :  
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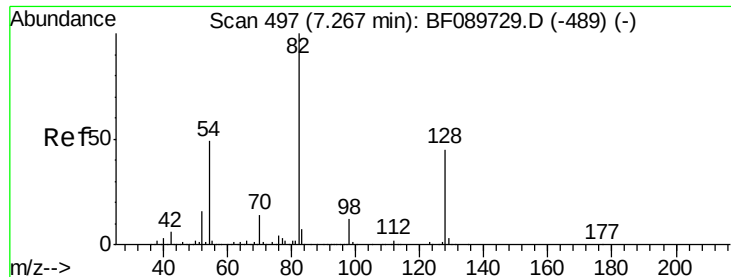
Tgt Ion: 70 Resp: 537153  
 Ion Ratio Lower Upper  
 70 100  
 42 39.7 46.3 69.5#  
 101 0.0 7.0 10.6#  
 130 2.3 14.4 21.6#



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 7.99 min Scan# 560  
 Delta R.T. -0.00 min  
 Lab File: BF089746.D  
 Acq: 17 Aug 2016 6:15

Tgt Ion: 136 Resp: 2980206  
 Ion Ratio Lower Upper  
 136 100  
 137 11.7 9.2 13.8  
 54 5.7 7.2 10.8#  
 68 5.1 5.8 8.8#

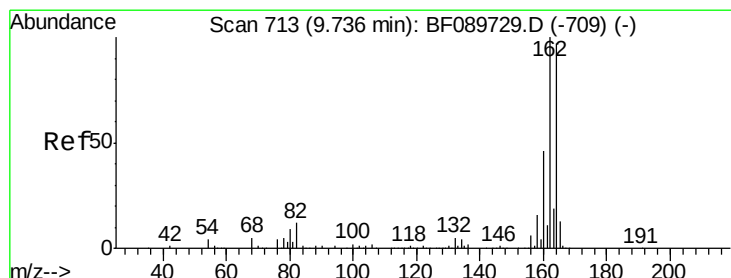
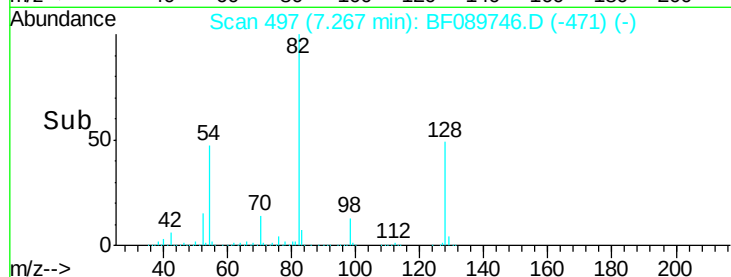
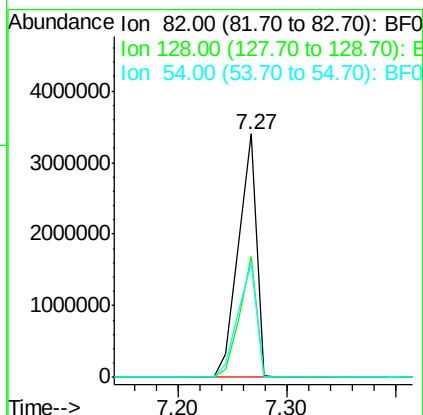
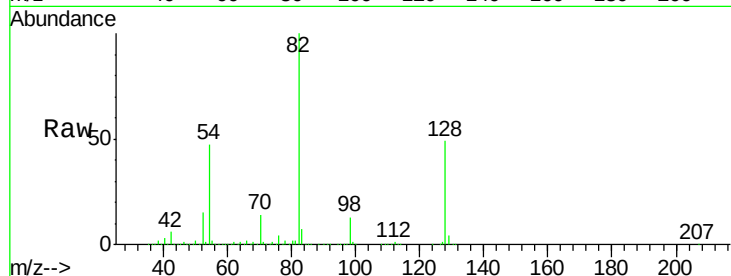




#23  
 Nitrobenzene-d5  
 Concen: 78.80 ng  
 RT: 7.27 min Scan# 497  
 Delta R.T. -0.00 min  
 Lab File: BF089746.D  
 Acq: 17 Aug 2016 6:15

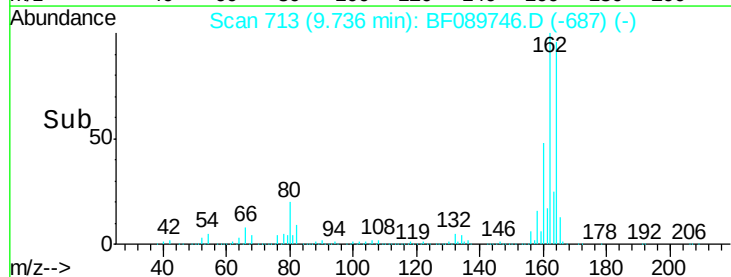
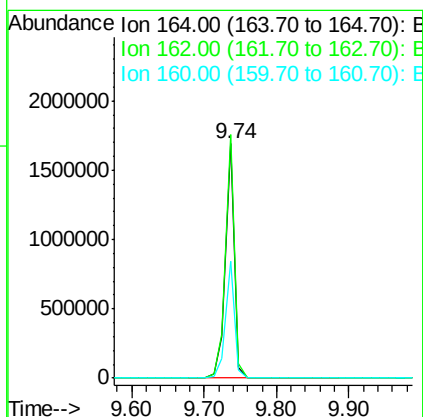
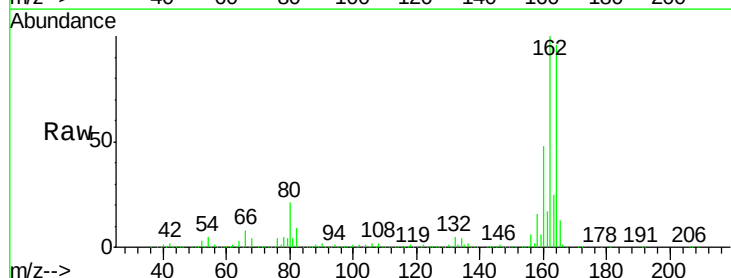
Instrument :  
 BNA\_F  
 ClientSampleId :  
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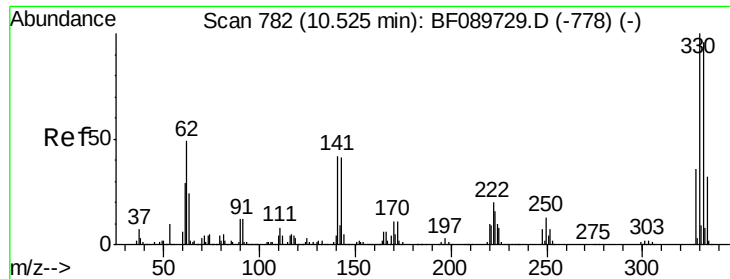
Tgt Ion: 82 Resp: 3846158  
 Ion Ratio Lower Upper  
 82 100  
 128 49.4 34.4 51.6  
 54 46.7 40.3 60.5



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.74 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: BF089746.D  
 Acq: 17 Aug 2016 6:15

Tgt Ion: 164 Resp: 1446535  
 Ion Ratio Lower Upper  
 164 100  
 162 103.8 81.4 122.2  
 160 49.7 37.8 56.6

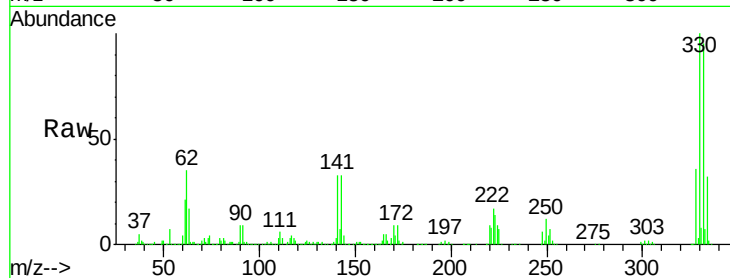




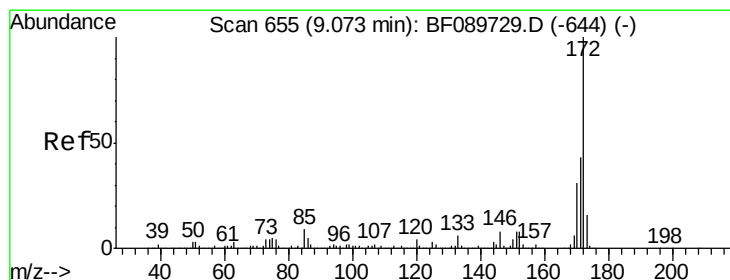
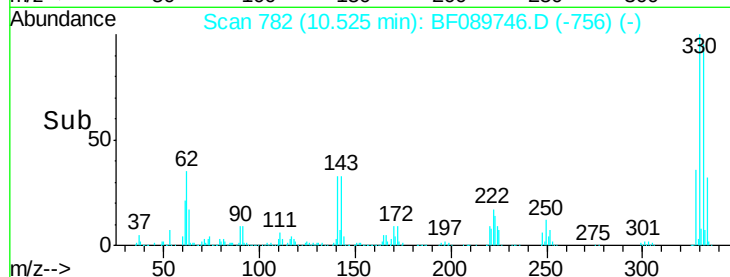
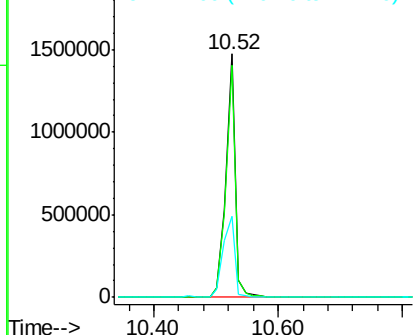
#41  
 2,4,6-Tribromophenol  
 Concen: 110.50 ng  
 RT: 10.52 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: BF089746.D  
 Acq: 17 Aug 2016 6:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PURGE-WATER

Tgt Ion:330 Resp: 1546283  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 76.7 115.1  
 141 41.0 30.2 45.2

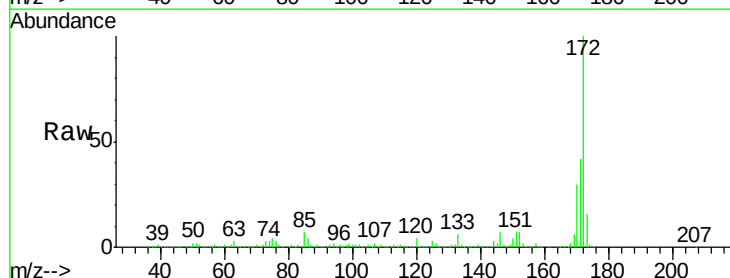


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 71.27 ng  
 RT: 9.07 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF089746.D  
 Acq: 17 Aug 2016 6:15

Tgt Ion:172 Resp: 6425197  
 Ion Ratio Lower Upper  
 172 100  
 171 42.4 30.5 45.7  
 170 30.1 20.6 31.0



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

