

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF092716\  
 Data File : BF090259.D  
 Acq On : 27 Sep 2016 18:37  
 Operator : UM/SJ  
 Sample : H4933-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1B-15-15.5-BGS

Quant Time: Sep 28 00:42:55 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 26 15:58:38 2016  
 Response via : Initial Calibration

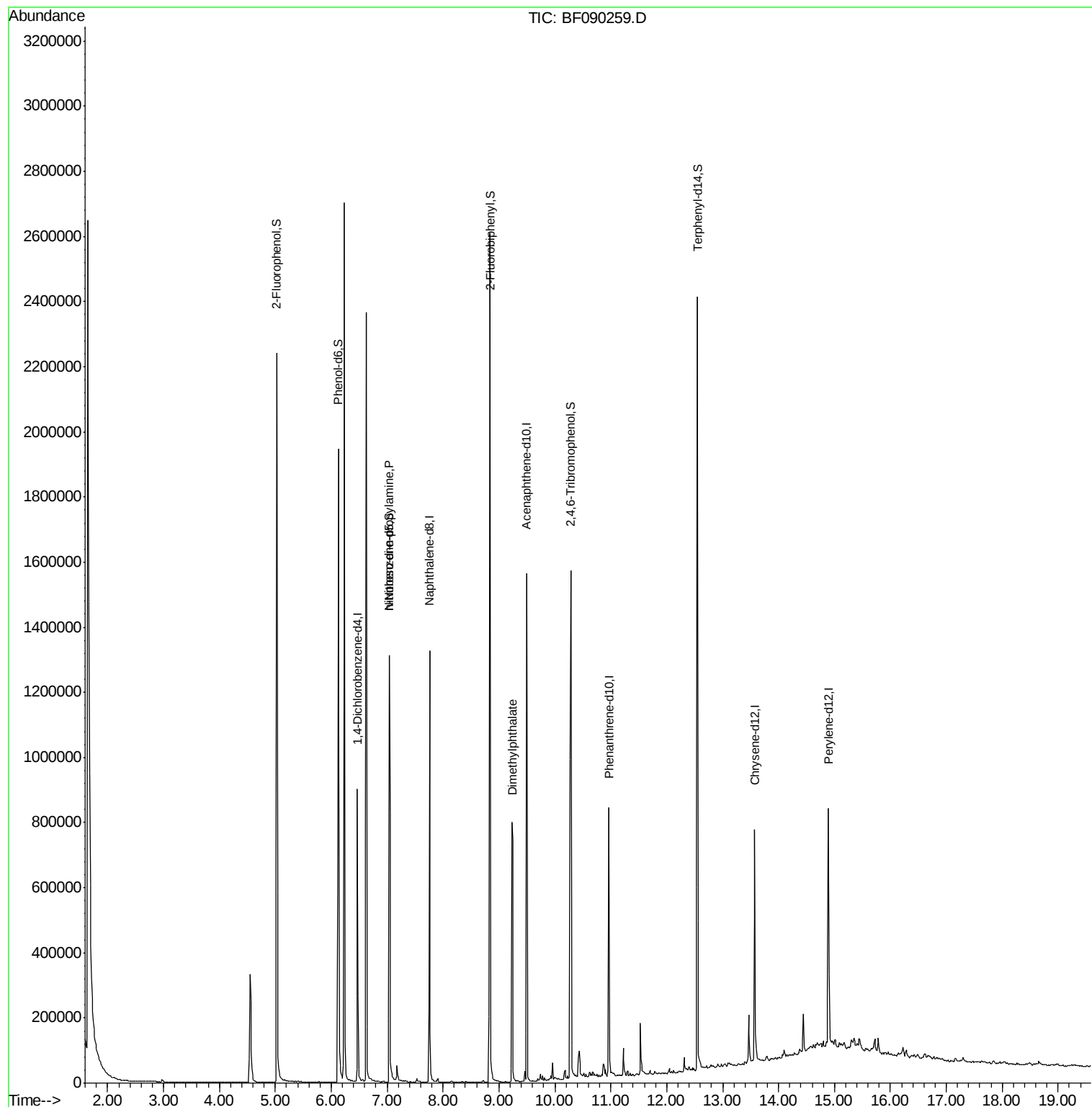
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.47  | 152  | 153664   | 20.00 | ng    | -0.01          |
| 21) Naphthalene-d8             | 7.76  | 136  | 619875   | 20.00 | ng    | -0.01          |
| 38) Acenaphthene-d10           | 9.50  | 164  | 323455   | 20.00 | ng    | -0.01          |
| 63) Phenanthrene-d10           | 10.97 | 188  | 477031   | 20.00 | ng    | -0.01          |
| 75) Chrysene-d12               | 13.58 | 240  | 327895   | 20.00 | ng    | -0.02          |
| 86) Perylene-d12               | 14.89 | 264  | 290313   | 20.00 | ng    | -0.02          |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 5) 2-Fluorophenol              | 5.03  | 112  | 832374   | 88.29 | ng    | 0.00           |
| 7) Phenol-d6                   | 6.12  | 99   | 1131333  | 97.17 | ng    | -0.01          |
| 23) Nitrobenzene-d5            | 7.04  | 82   | 649674   | 60.76 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol       | 10.28 | 330  | 268381   | 96.71 | ng    | -0.01          |
| 44) 2-Fluorobiphenyl           | 8.84  | 172  | 1258373  | 76.38 | ng    | -0.01          |
| 78) Terphenyl-d14              | 12.55 | 244  | 796977   | 61.71 | ng    | -0.01          |
| Target Compounds               |       |      |          |       |       |                |
| 19) n-Nitroso-di-n-propylamine | 7.04  | 70   | 73259    | 10.71 | ng    | Qvalue<br># 79 |
| 49) Dimethylphthalate          | 9.24  | 163  | 570564   | 27.69 | ng    | 98             |

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

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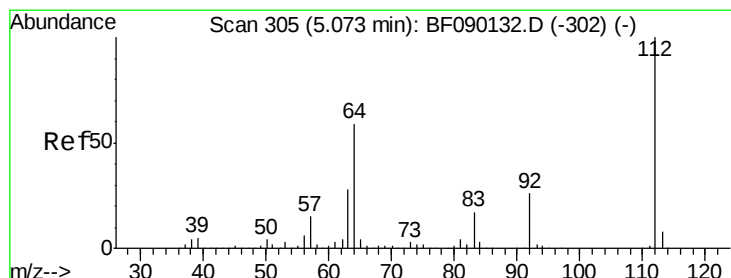
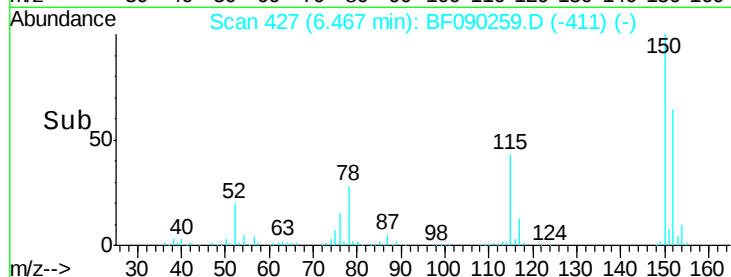
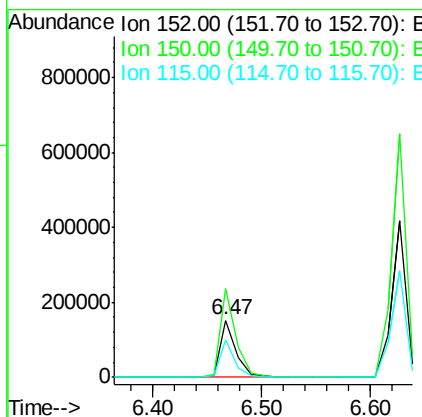
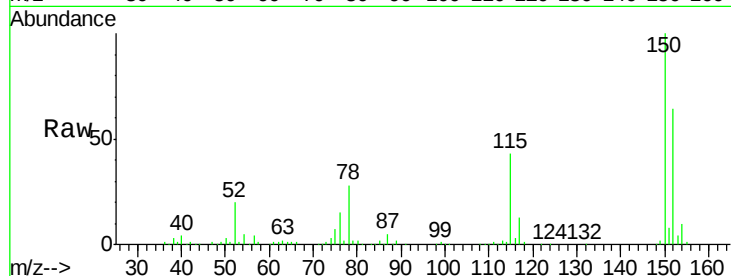




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.47 min Scan# 427  
 Delta R.T. -0.01 min  
 Lab File: BF090259.D  
 Acq: 27 Sep 2016 18:37

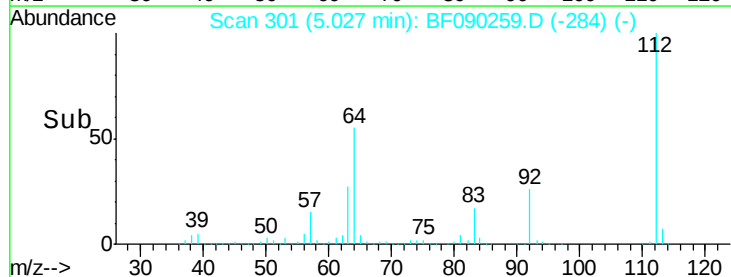
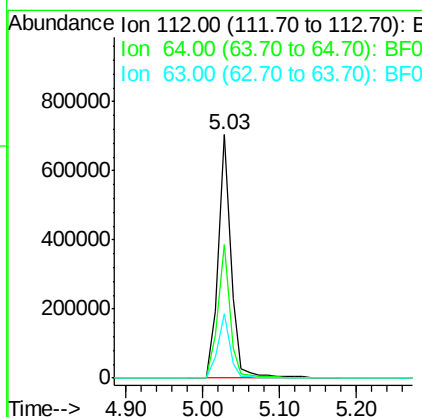
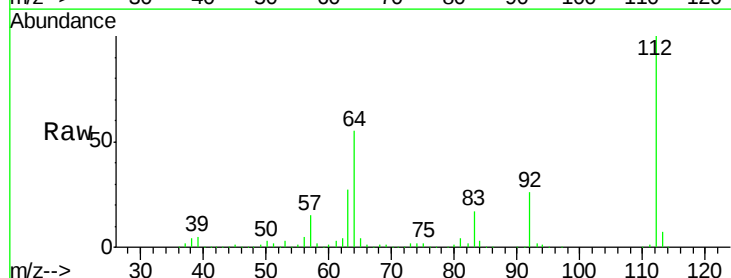
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1B-15-15.5-BGS

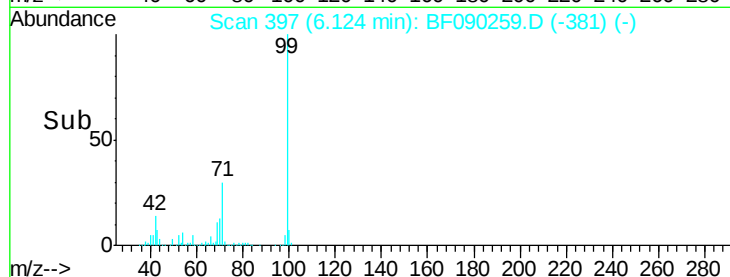
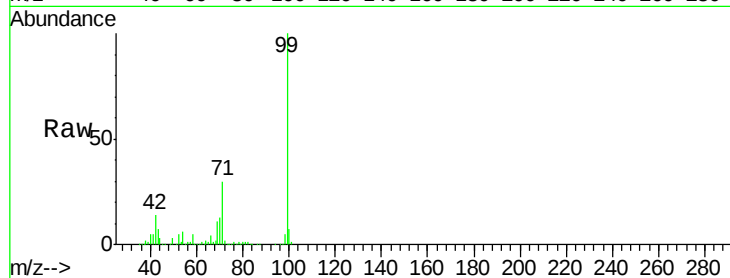
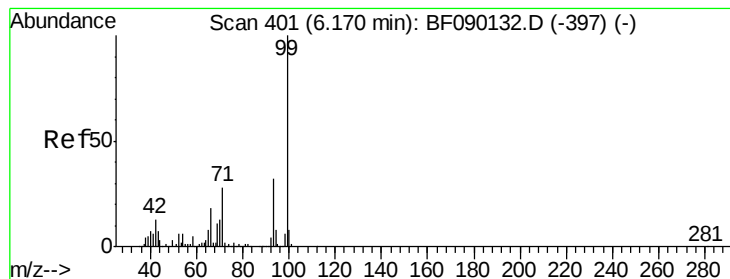
Tgt Ion:152 Resp: 153664  
 Ion Ratio Lower Upper  
 152 100  
 150 155.8 128.9 193.3  
 115 66.6 55.5 83.3



#5  
 2-Fluorophenol  
 Concen: 88.29 ng  
 RT: 5.03 min Scan# 301  
 Delta R.T. -0.00 min  
 Lab File: BF090259.D  
 Acq: 27 Sep 2016 18:37

Tgt Ion:112 Resp: 832374  
 Ion Ratio Lower Upper  
 112 100  
 64 54.9 39.8 59.6  
 63 26.6 18.9 28.3





#7

Phenol-d6

Concen: 97.17 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090259.D

Acq: 27 Sep 2016 18:37

Instrument :

BNA\_F

ClientSampleId :

B1B-15-15.5-BGS

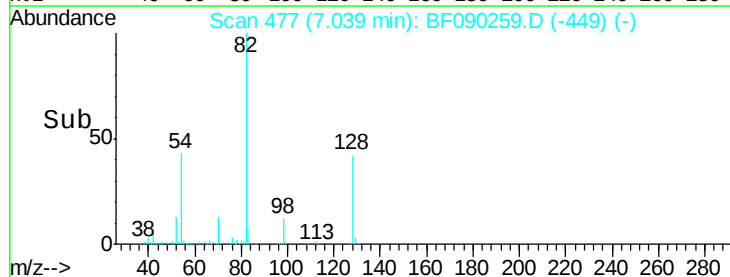
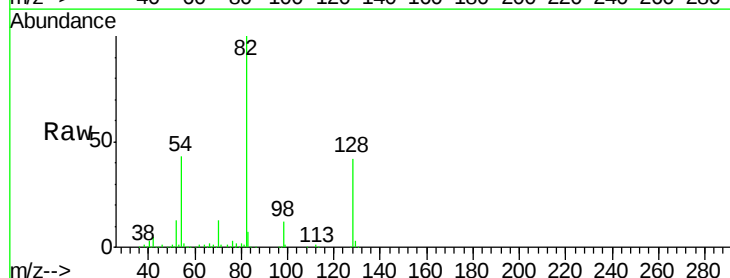
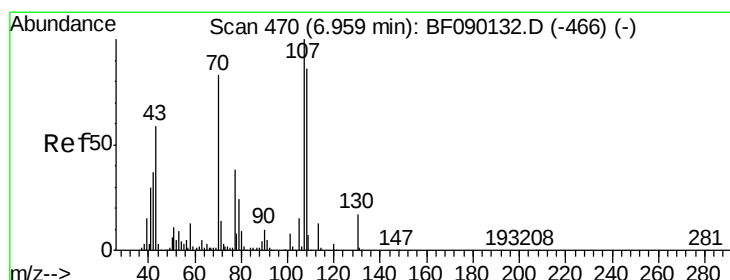
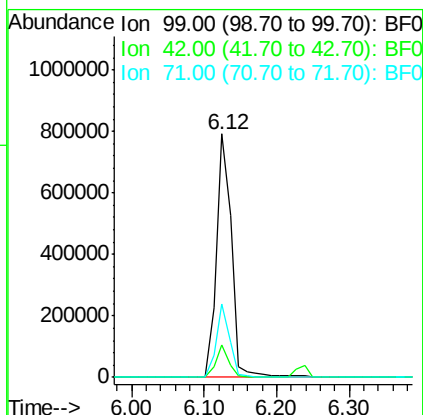
Tgt Ion: 99 Resp: 1131333

Ion Ratio Lower Upper

99 100

42 13.5 10.6 15.8

71 30.2 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.71 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.13 min

Lab File: BF090259.D

Acq: 27 Sep 2016 18:37

Tgt Ion: 70 Resp: 73259

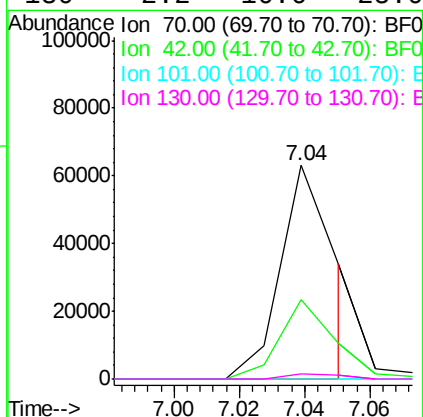
Ion Ratio Lower Upper

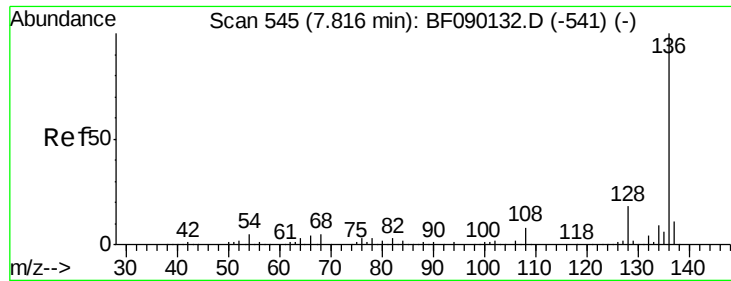
70 100

42 37.0 35.1 52.7

101 0.0 7.5 11.3#

130 2.2 16.6 25.0#

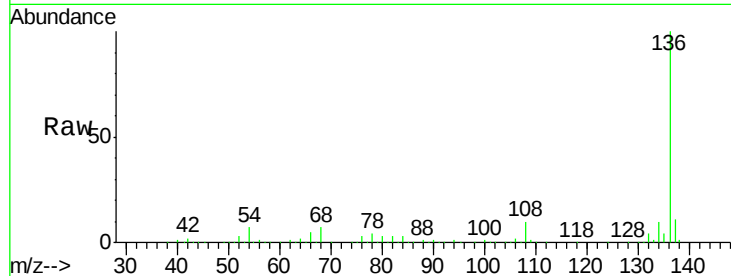




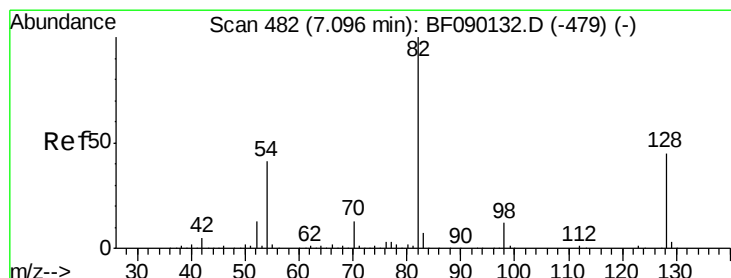
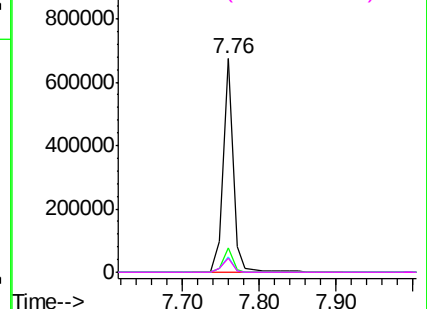
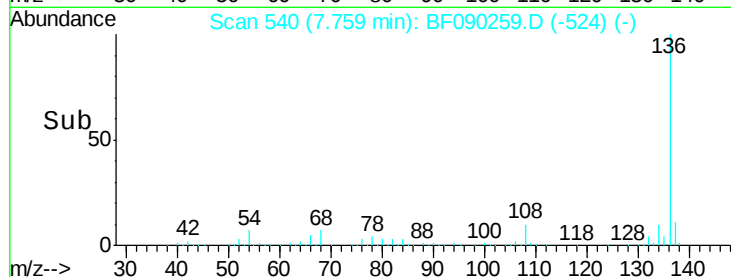
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.76 min Scan# 540  
Delta R.T. -0.01 min  
Lab File: BF090259.D  
Acq: 27 Sep 2016 18:37

Instrument :  
BNA\_F  
ClientSampleId :  
B1B-15-15.5-BGS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 619875 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.0   | 13.4   |
| 54       | 7.0   | 6.4   | 9.6    |
| 68       | 6.7   | 6.3   | 9.5    |

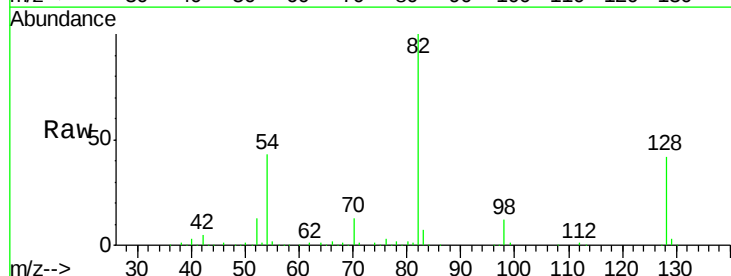


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

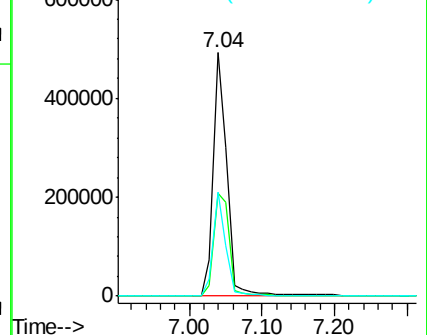
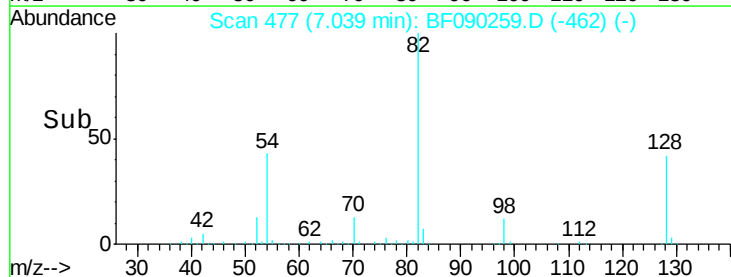


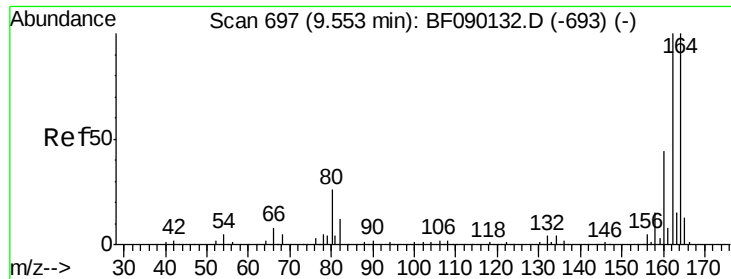
#23  
Nitrobenzene-d5  
Concen: 60.76 ng  
RT: 7.04 min Scan# 477  
Delta R.T. -0.02 min  
Lab File: BF090259.D  
Acq: 27 Sep 2016 18:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 649674 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.5  | 37.5  | 56.3   |
| 54       | 42.6  | 31.9  | 47.9   |



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

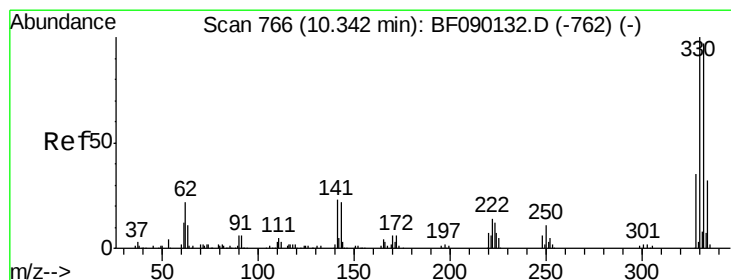
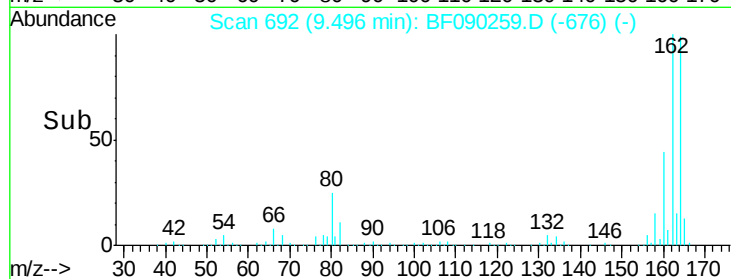
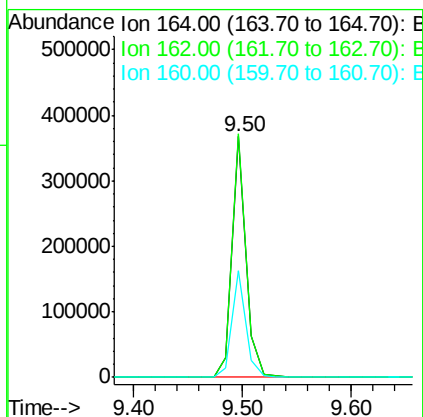
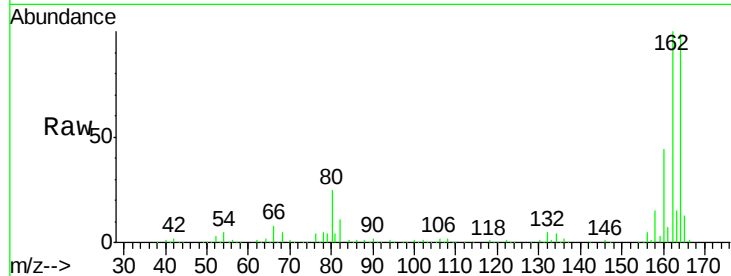




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.50 min Scan# 692  
 Delta R.T. -0.01 min  
 Lab File: BF090259.D  
 Acq: 27 Sep 2016 18:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1B-15-15.5-BGS

Tgt Ion:164 Resp: 323455  
 Ion Ratio Lower Upper  
 164 100  
 162 101.1 81.4 122.2  
 160 44.5 36.6 54.8



#41  
 2,4,6-Tribromophenol  
 Concen: 96.71 ng  
 RT: 10.28 min Scan# 761  
 Delta R.T. -0.01 min  
 Lab File: BF090259.D  
 Acq: 27 Sep 2016 18:37

Tgt Ion:330 Resp: 268381  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 78.1 117.1  
 141 32.8 23.9 35.9

