

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\  
 Data File : BF093375.D  
 Acq On : 3 Mar 2017 22:51  
 Operator : SJ/MA  
 Sample : I2086-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SRI-MW-X-20170302

Quant Time: Mar 04 02:16:14 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 04 01:38:15 2017  
 Response via : Initial Calibration

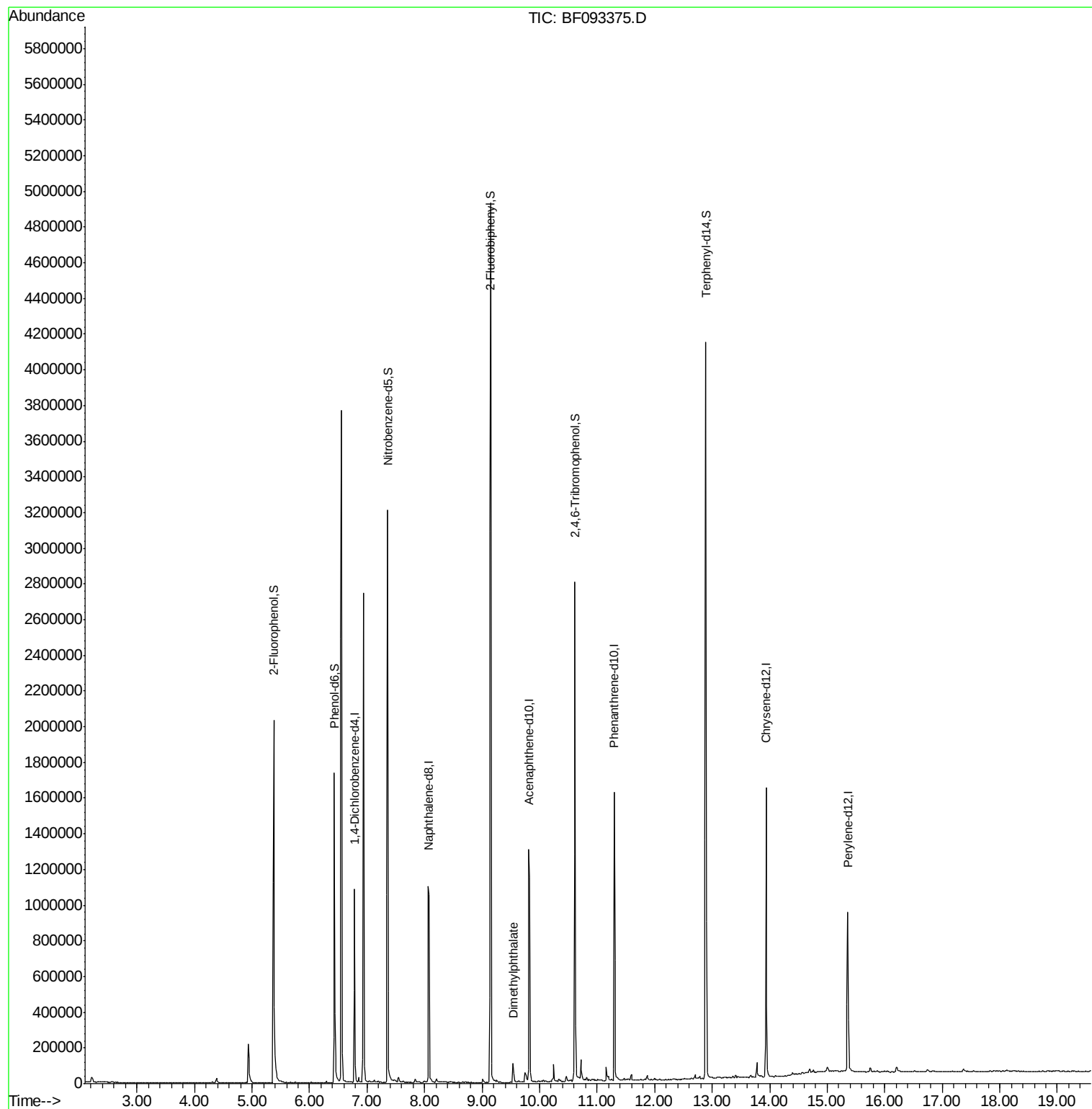
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 195045   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.08  | 136  | 764942   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.81  | 164  | 370396   | 20.00  | ng    | -0.01        |
| 63) Phenanthrene-d10        | 11.30 | 188  | 657670   | 20.00  | ng    | -0.01        |
| 75) Chrysene-d12            | 13.94 | 240  | 558667   | 20.00  | ng    | -0.01        |
| 86) Perylene-d12            | 15.36 | 264  | 385746   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.38  | 112  | 755806   | 66.48  | ng    | 0.00         |
| 7) Phenol-d6                | 6.43  | 99   | 644091   | 44.03  | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 1161812  | 84.58  | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 10.61 | 330  | 340199   | 126.99 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 2005167  | 98.08  | ng    | 0.00         |
| 78) Terphenyl-d14           | 12.89 | 244  | 1412550  | 59.41  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.54  | 163  | 49969    | 2.00   | ng    | Qvalue<br>99 |

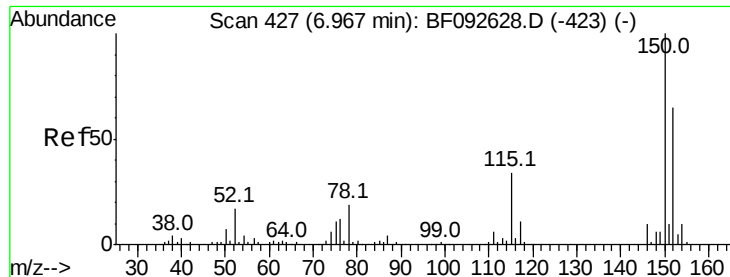
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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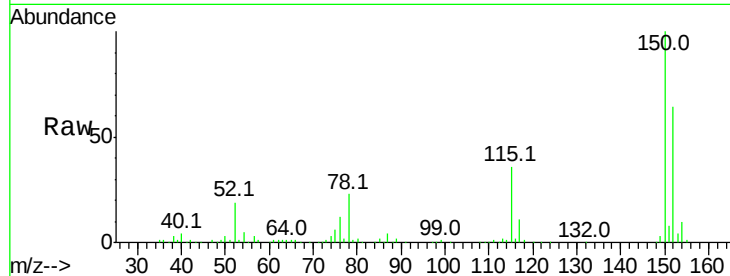


#1

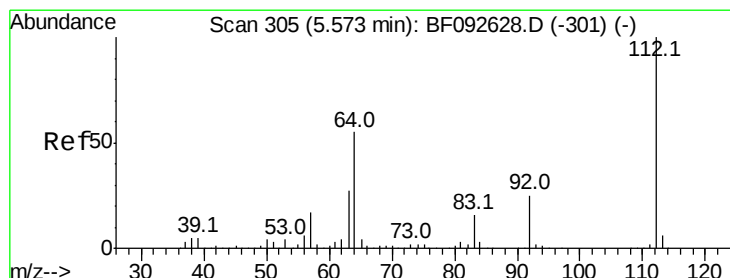
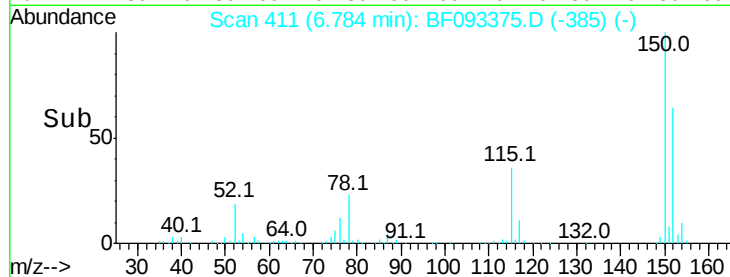
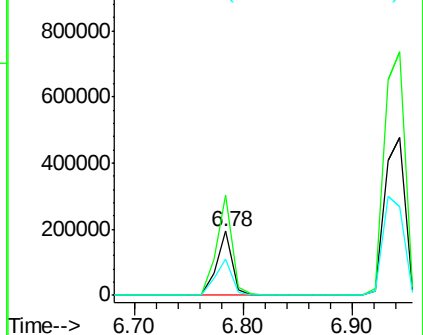
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.78 min Scan# 411  
Delta R.T. -0.00 min  
Lab File: BF093375.D  
Acq: 3 Mar 2017 22:51

Instrument :  
BNA\_F  
ClientSampleId :  
SRI-MW-X-20170302

Tot Ion:152 Resp: 195045  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.9 187.3  
115 56.4 46.0 69.0



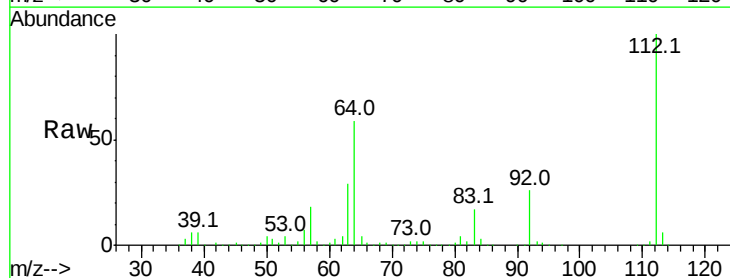
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



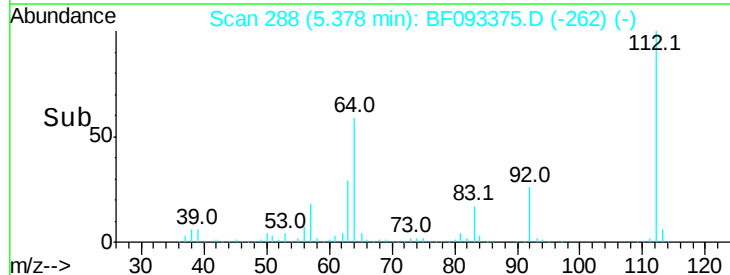
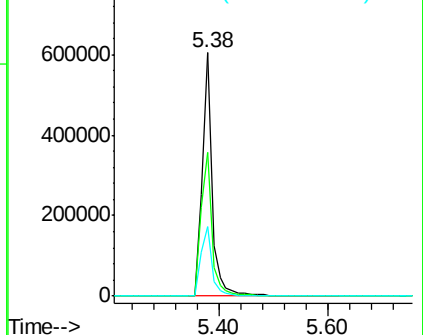
#5

2-Fluorophenol  
Concen: 66.48 ng  
RT: 5.38 min Scan# 288  
Delta R.T. -0.00 min  
Lab File: BF093375.D  
Acq: 3 Mar 2017 22:51

Tgt Ion:112 Resp: 755806  
Ion Ratio Lower Upper  
112 100  
64 59.1 46.1 69.1  
63 28.7 23.8 35.6



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: 44.03 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

Instrument :

BNA\_F

ClientSampleId :

SRI-MW-X-20170302

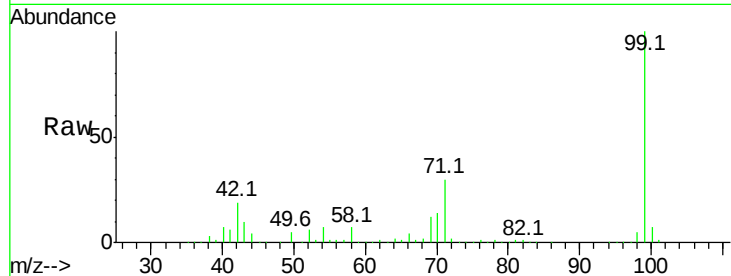
Tot Ion: 99 Resp: 644091

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

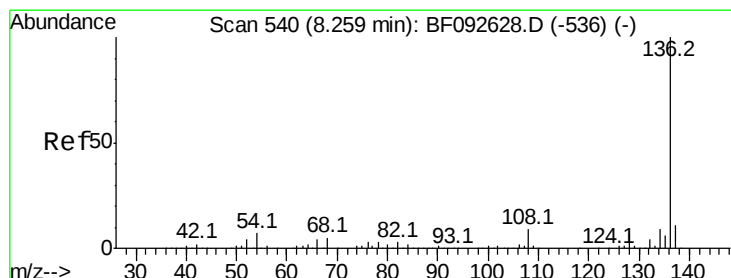
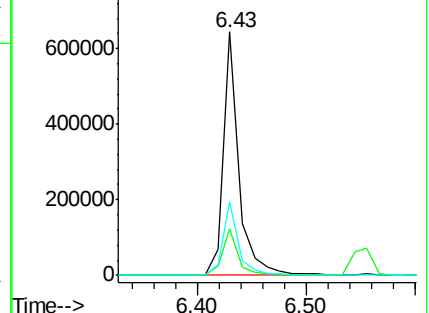
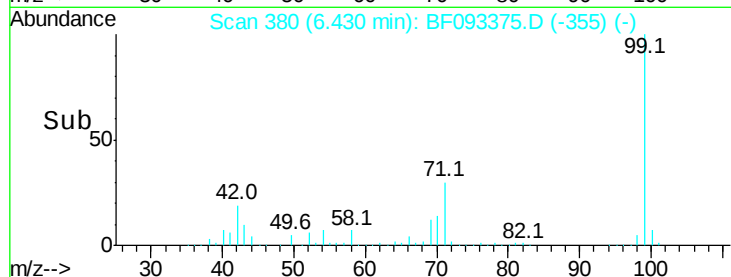
71 30.1 27.5 41.3



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: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

Tgt Ion: 136 Resp: 764942

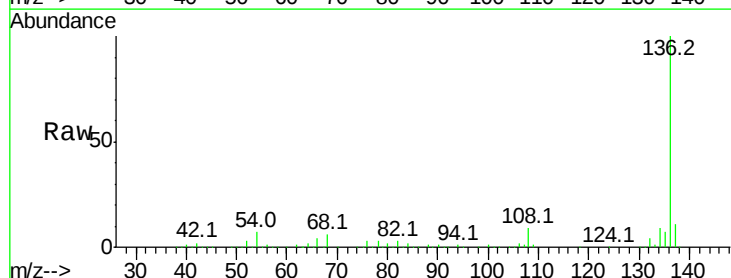
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.2 4.5 6.7#

68 5.6 3.6 5.4#

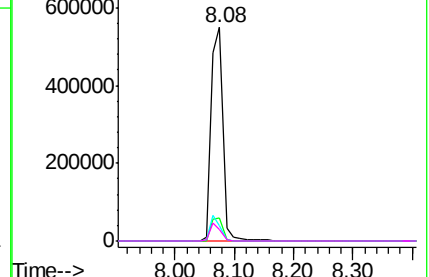
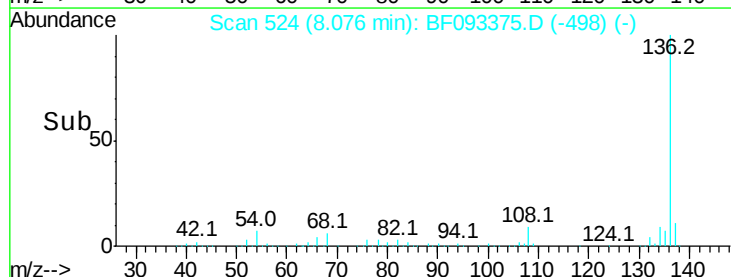


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



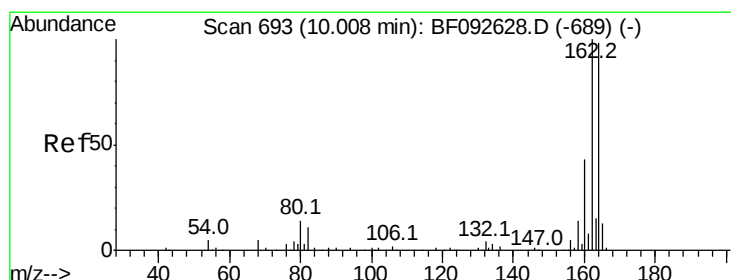
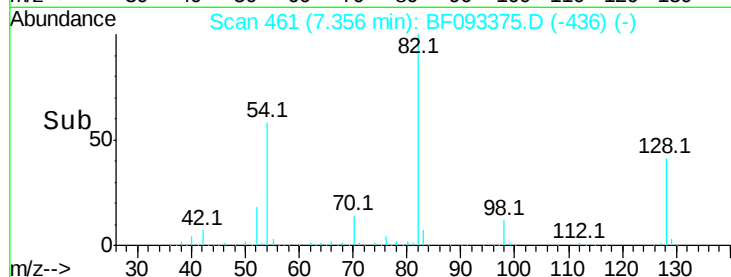
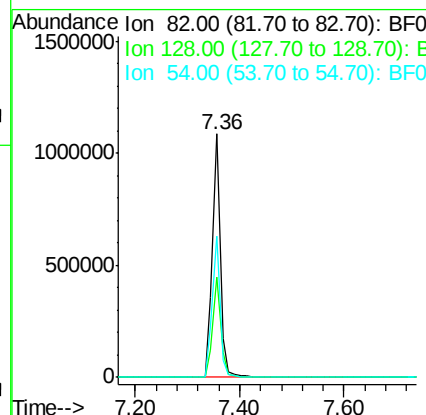
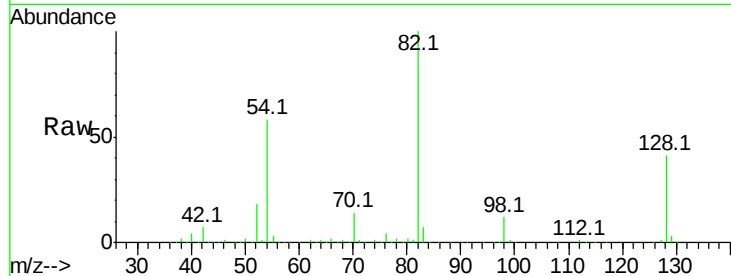


#23  
 Nitrobenzene-d5  
 Concen: 84.58 ng  
 RT: 7.36 min Scan# 461  
 Delta R.T. -0.01 min  
 Lab File: BF093375.D  
 Acq: 3 Mar 2017 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SRI-MW-X-20170302

Tot Ion: 82 Resp: 1161812  

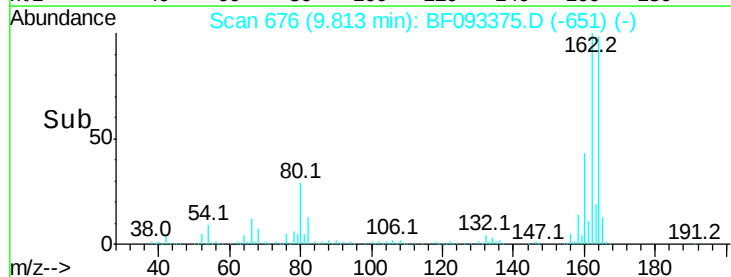
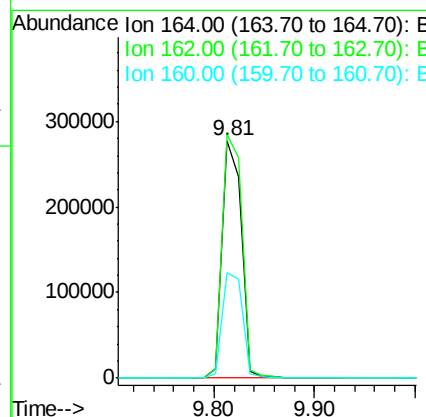
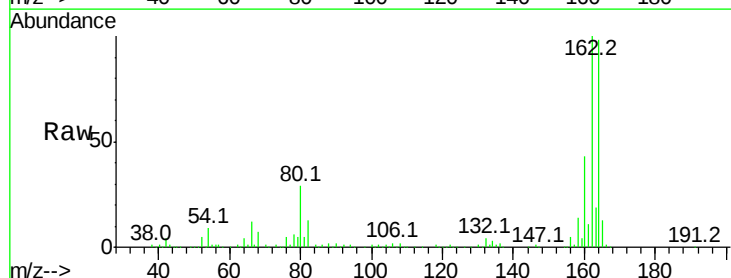
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.1  | 34.6  | 52.0  |
| 54  | 58.1  | 39.5  | 59.3  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.81 min Scan# 676  
 Delta R.T. -0.01 min  
 Lab File: BF093375.D  
 Acq: 3 Mar 2017 22:51

Tgt Ion: 164 Resp: 370396  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.4 | 80.2  | 120.2 |
| 160 | 44.2  | 36.9  | 55.3  |

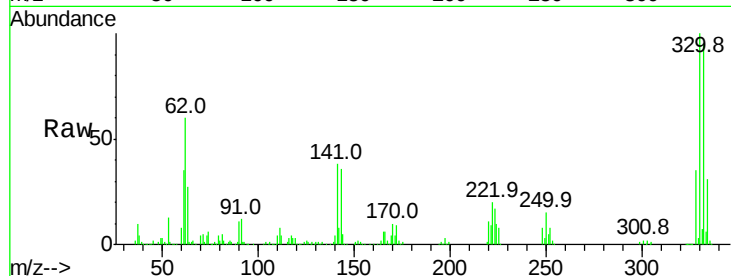




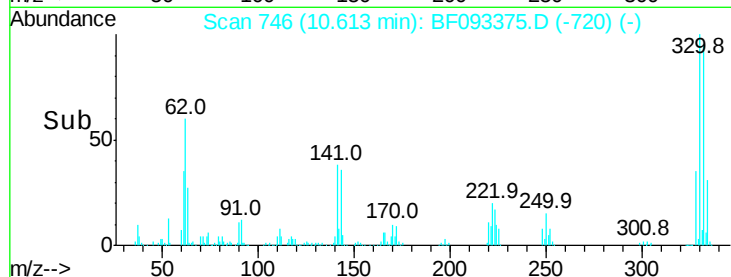
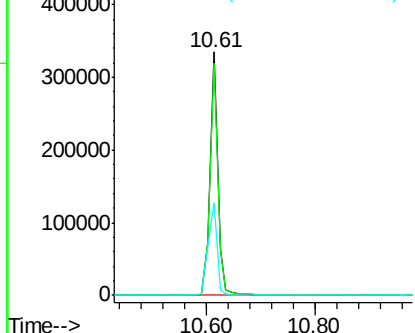
#41  
 2,4,6-Tribromophenol  
 Concen: 126.99 ng  
 RT: 10.61 min Scan# 746  
 Delta R.T. -0.00 min  
 Lab File: BF093375.D  
 Acq: 3 Mar 2017 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SRI-MW-X-20170302

Tot Ion:330 Resp: 340199  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 77.4 116.2  
 141 42.4 34.1 51.1

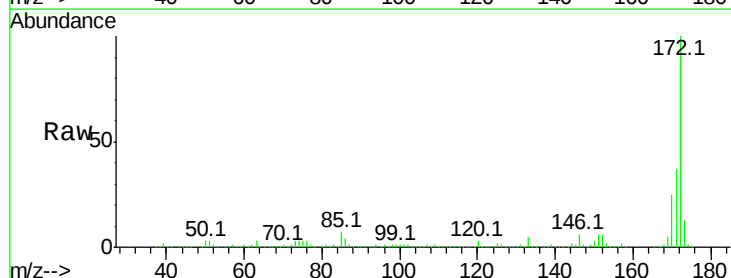


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

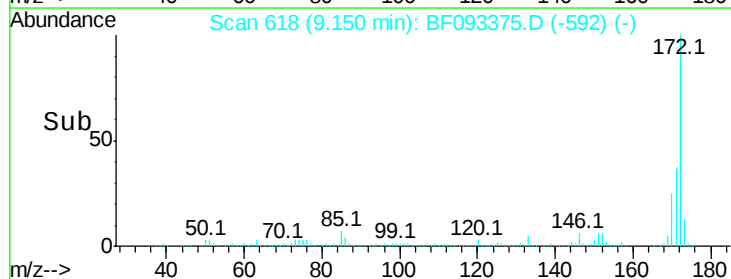
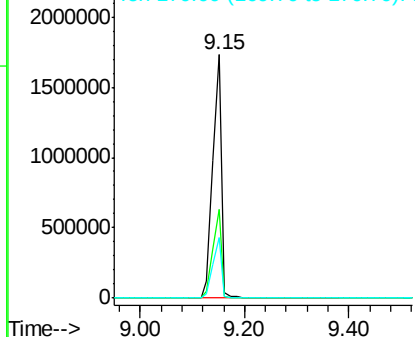


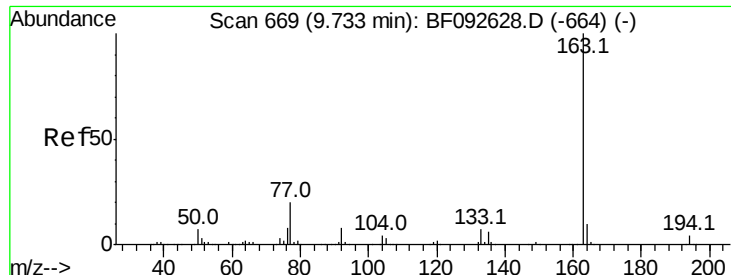
#44  
 2-Fluorobiphenyl  
 Concen: 98.08 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.00 min  
 Lab File: BF093375.D  
 Acq: 3 Mar 2017 22:51

Tgt Ion:172 Resp: 2005167  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 29.4 44.0  
 170 25.0 20.2 30.4



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

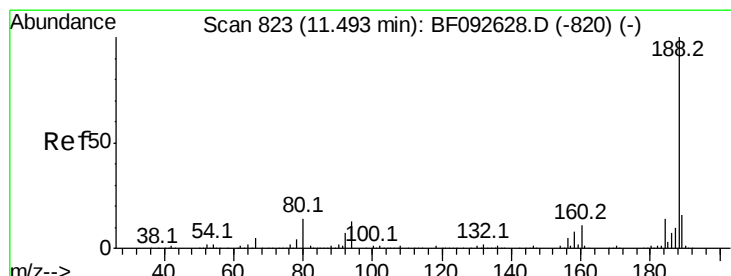
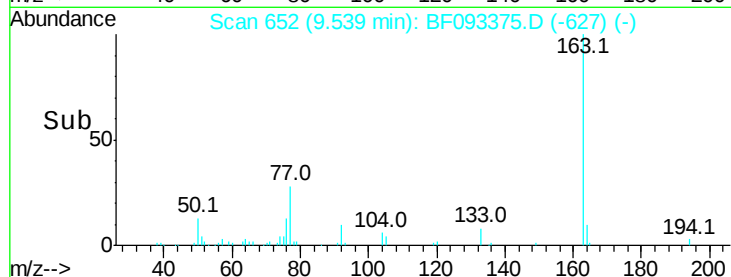
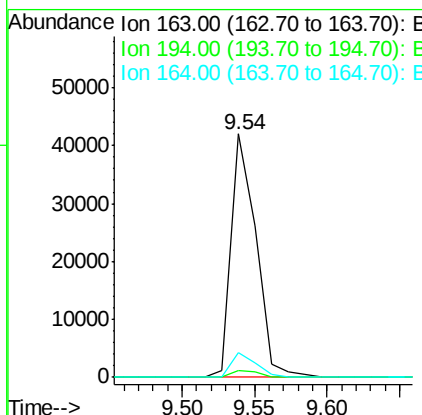
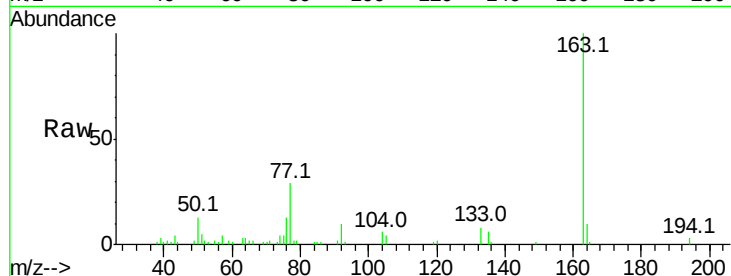




#49  
Dimethylphthalate  
Concen: 2.00 ng  
RT: 9.54 min Scan# 652  
Delta R.T. -0.01 min  
Lab File: BF093375.D  
Acq: 3 Mar 2017 22:51

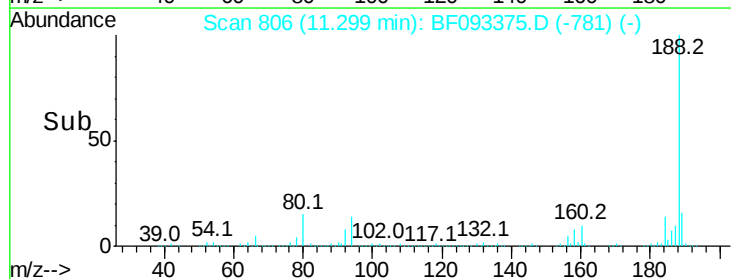
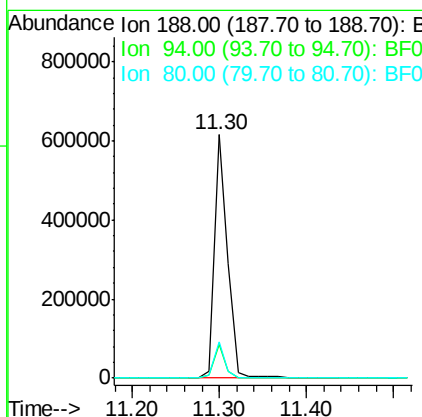
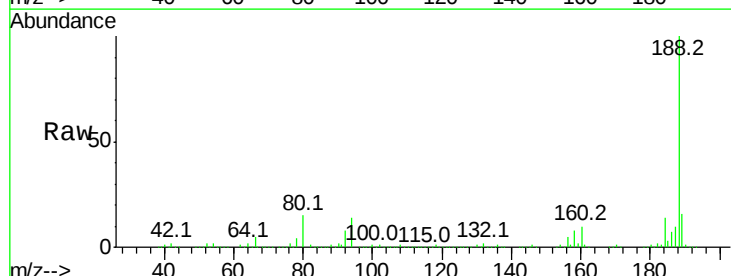
Instrument :  
BNA\_F  
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SRI-MW-X-20170302

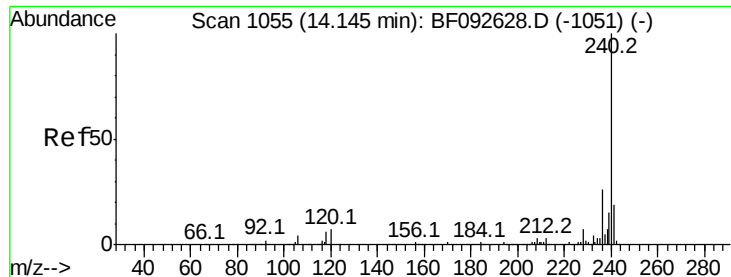
Tot Ion:163 Resp: 49969  
Ion Ratio Lower Upper  
163 100  
194 3.0 3.0 4.4  
164 10.3 8.0 12.0



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.30 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF093375.D  
Acq: 3 Mar 2017 22:51

Tgt Ion:188 Resp: 657670  
Ion Ratio Lower Upper  
188 100  
94 13.9 10.0 15.0  
80 14.9 11.2 16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

Instrument :

BNA\_F

ClientSampleId :

SRI-MW-X-20170302

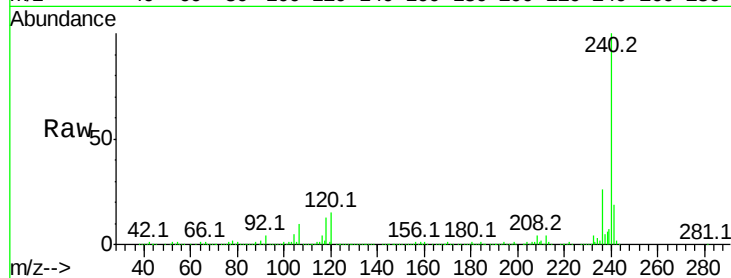
Tot Ion:240 Resp: 558667

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

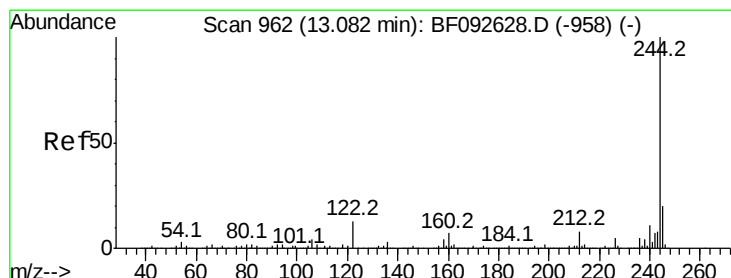
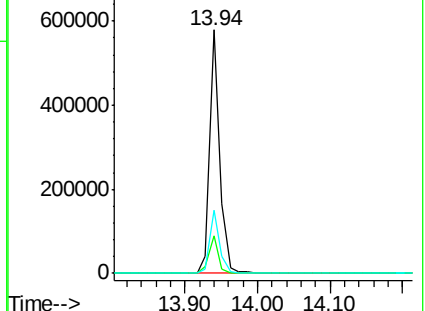
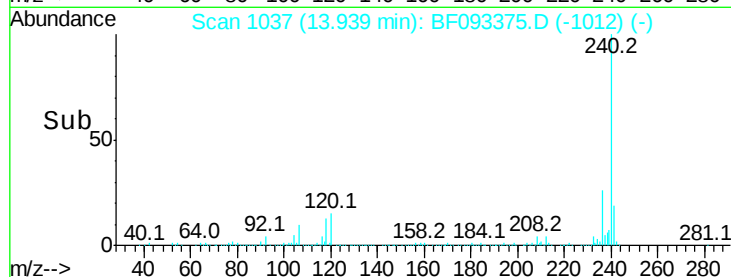
236 26.2 20.9 31.3



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: 59.41 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

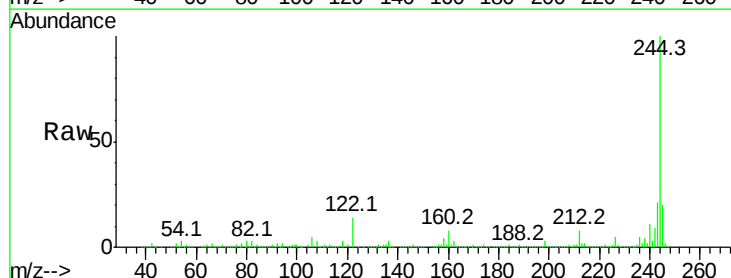
Tgt Ion:244 Resp: 1412550

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

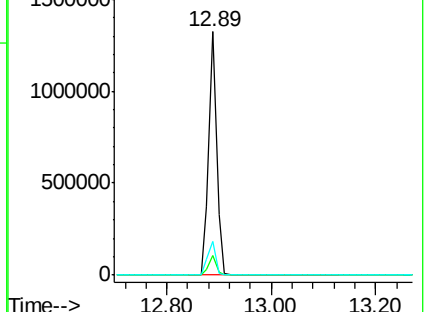
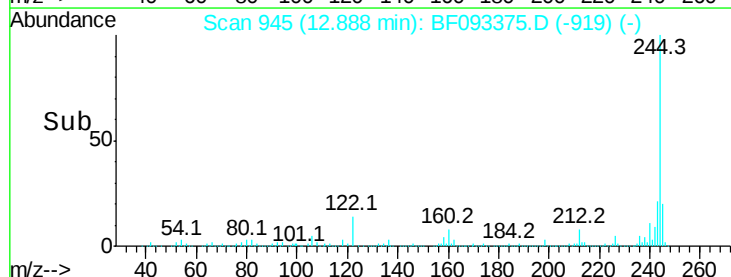
122 13.7 11.4 17.2

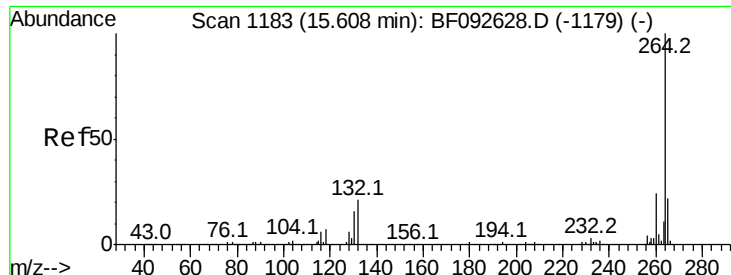


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

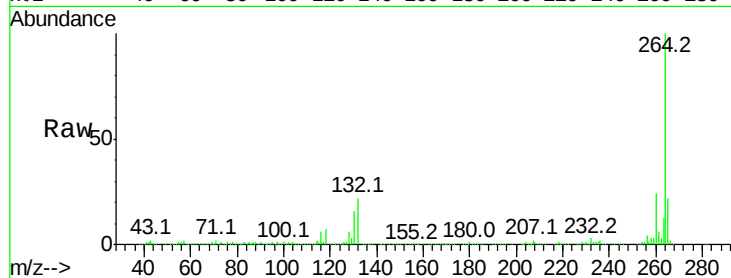




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.36 min Scan# 1161  
 Delta R.T. -0.01 min  
 Lab File: BF093375.D  
 Acq: 3 Mar 2017 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SRI-MW-X-20170302

Tot Ion:264 Resp: 385746  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.2 28.8  
 265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

