

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\  
 Data File : BF076915.D  
 Acq On : 16 Jan 2015 19:04  
 Operator : IZ / TP  
 Sample : G1091-05  
 Misc : W  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-N

Quant Time: Jan 16 22:49:35 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 16 21:57:04 2015  
 Response via : Initial Calibration

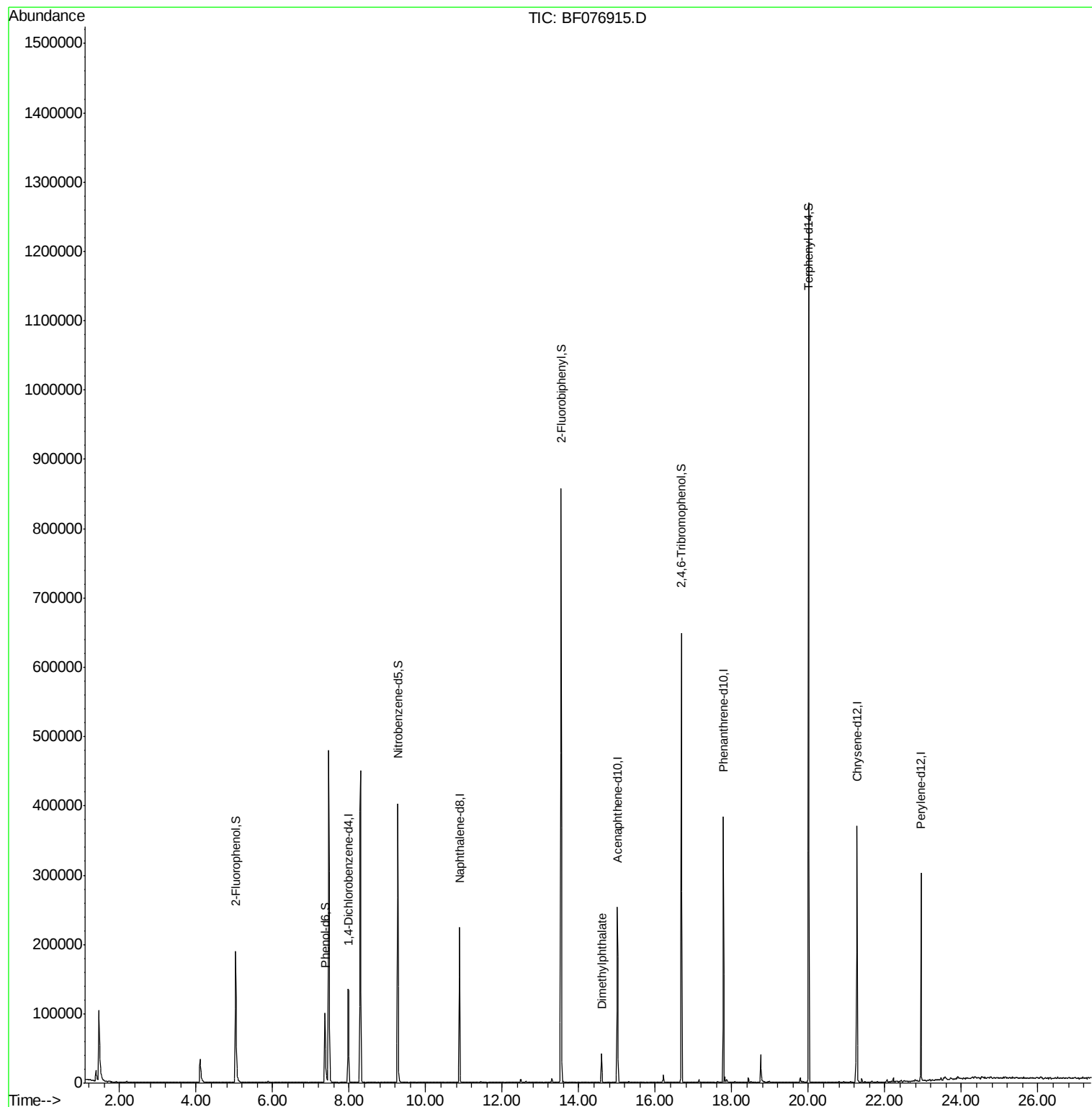
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.98  | 152  | 40284    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.88 | 136  | 175042   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 15.01 | 164  | 99936    | 20.00  | ng    | -0.01         |
| 63) Phenanthrene-d10        | 17.77 | 188  | 173260   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 21.27 | 240  | 155526   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 22.94 | 264  | 136696   | 20.00  | ng    | -0.01         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.03  | 112  | 100992   | 41.22  | ng    | -0.01         |
| 7) Phenol-d6                | 7.37  | 99   | 74806    | 24.20  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 207009   | 65.52  | ng    | -0.01         |
| 41) 2,4,6-Tribromophenol    | 16.68 | 330  | 85432    | 105.31 | ng    | -0.01         |
| 44) 2-Fluorobiphenyl        | 13.53 | 172  | 430466   | 65.55  | ng    | 0.00          |
| 78) Terphenyl-d14           | 20.00 | 244  | 444053   | 65.73  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 14.60 | 163  | 31045    | 4.38   | ng    | Qvalue<br>100 |

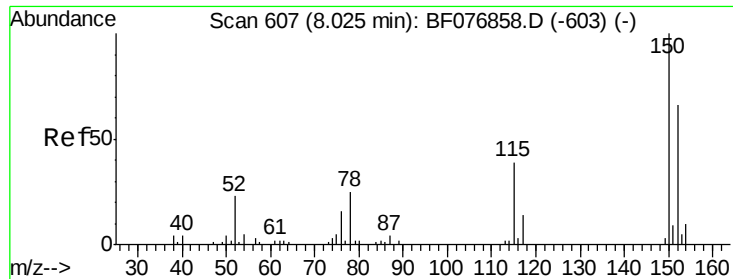
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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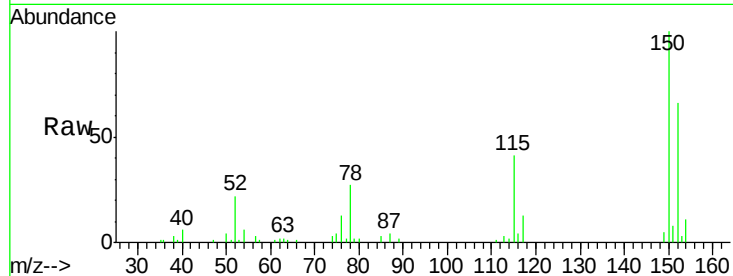


#1

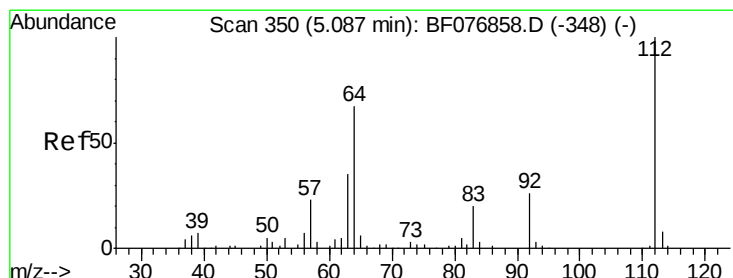
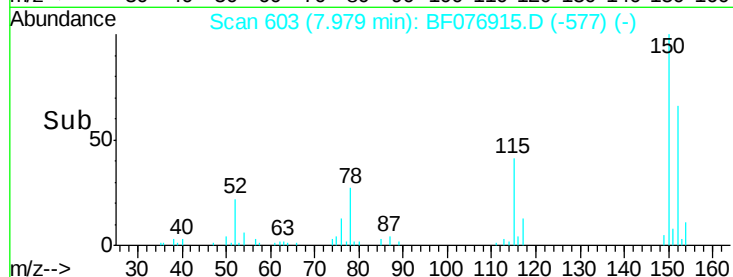
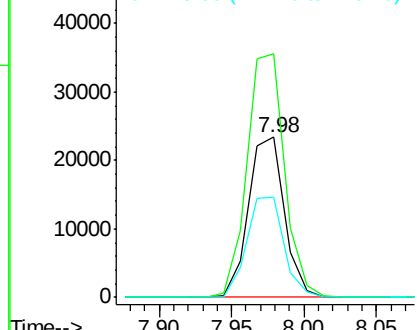
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.98 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: BF076915.D  
Acq: 16 Jan 2015 19:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-N

Tot Ion:152 Resp: 40284  
Ion Ratio Lower Upper  
152 100  
150 152.2 121.7 182.5  
115 62.6 47.0 70.6



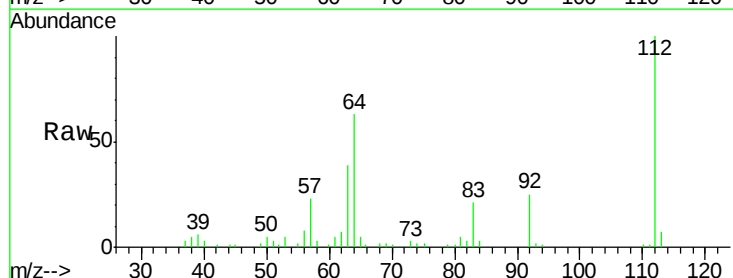
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



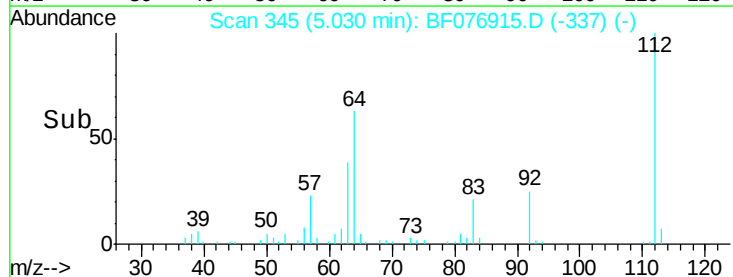
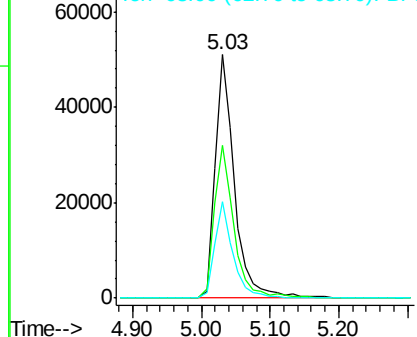
#5

2-Fluorophenol  
Concen: 41.22 ng  
RT: 5.03 min Scan# 345  
Delta R.T. -0.01 min  
Lab File: BF076915.D  
Acq: 16 Jan 2015 19:04

Tgt Ion:112 Resp: 100992  
Ion Ratio Lower Upper  
112 100  
64 62.9 54.2 81.4  
63 39.4 28.4 42.6



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: 24.20 ng

RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF076915.D

Acq: 16 Jan 2015 19:04

Instrument :

BNA\_F

ClientSampleId :

MW-N

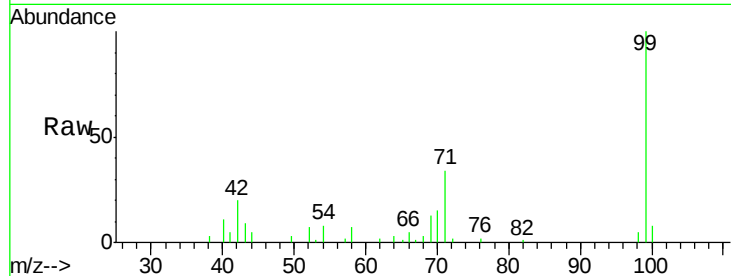
Tot Ion: 99 Resp: 74806

Ion Ratio Lower Upper

99 100

42 19.5 15.0 22.4

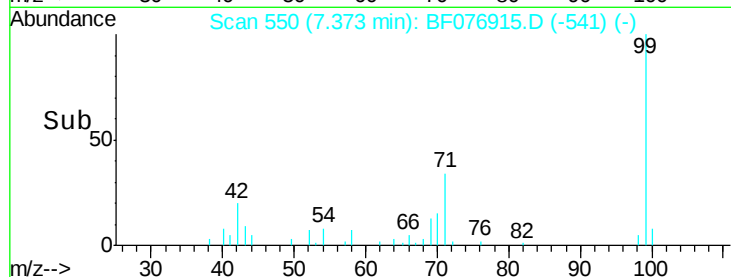
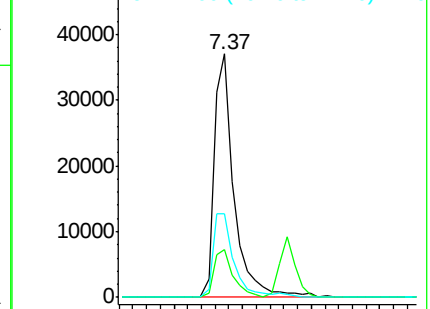
71 34.4 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF076915.D

Acq: 16 Jan 2015 19:04

Tgt Ion: 136 Resp: 175042

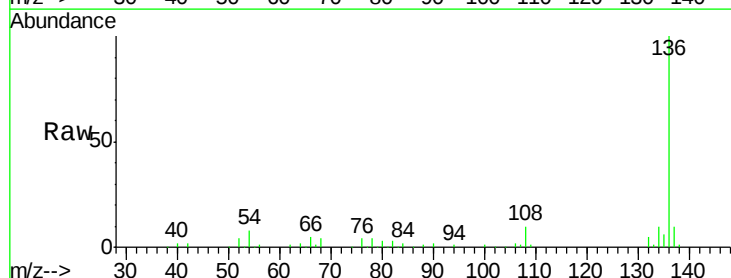
Ion Ratio Lower Upper

136 100

137 10.5 8.1 12.1

54 8.0 7.0 10.4

68 4.2 3.7 5.5

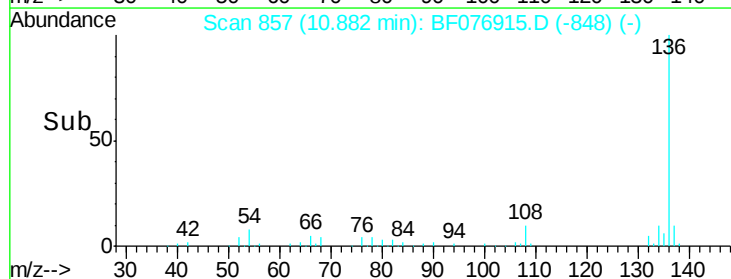
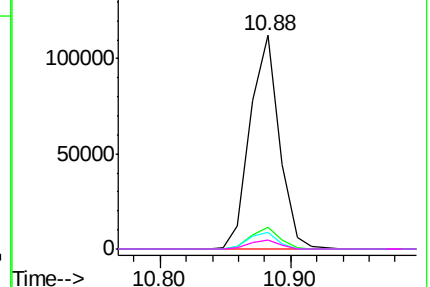


Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)

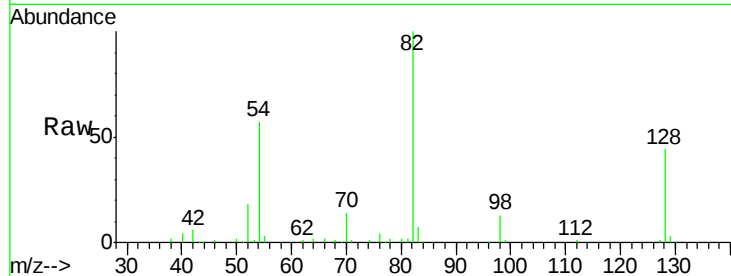




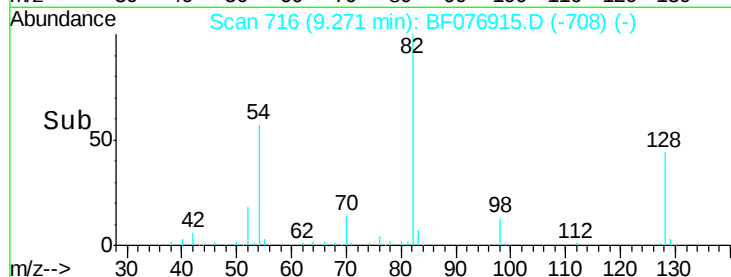
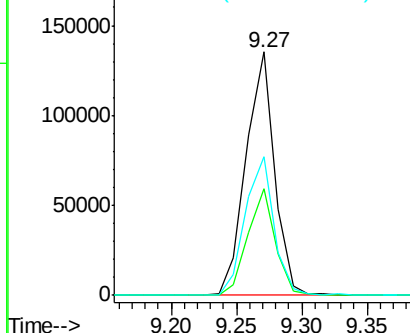
#23  
 Nitrobenzene-d5  
 Concen: 65.52 ng  
 RT: 9.27 min Scan# 716  
 Delta R.T. -0.01 min  
 Lab File: BF076915.D  
 Acq: 16 Jan 2015 19:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-N

| Tot Ion   | 82    | Resp  | 207009 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.6  | 33.1  | 49.7   |
| 54        | 56.9  | 48.3  | 72.5   |

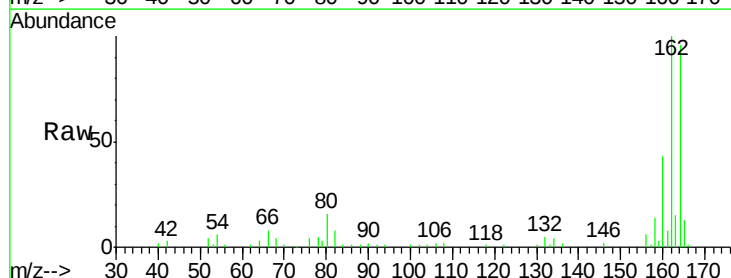


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): BF0  
 Ion 54.00 (53.70 to 54.70): BF0

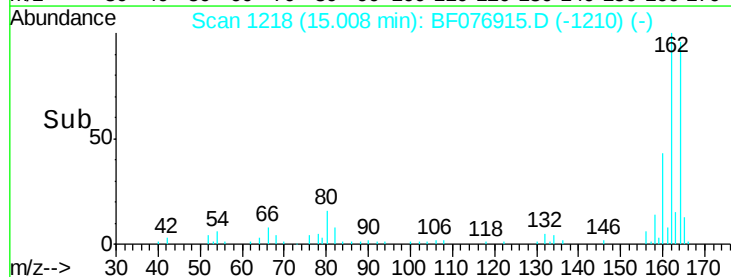
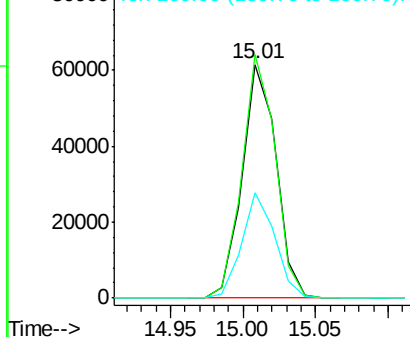


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 15.01 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: BF076915.D  
 Acq: 16 Jan 2015 19:04

| Tgt Ion   | 164   | Resp  | 99936 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 104.1 | 82.4  | 123.6 |
| 160       | 44.9  | 34.8  | 52.2  |



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

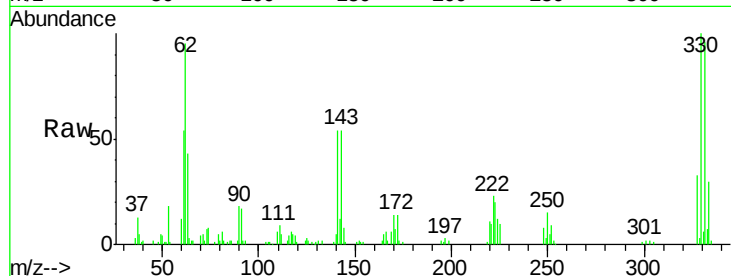




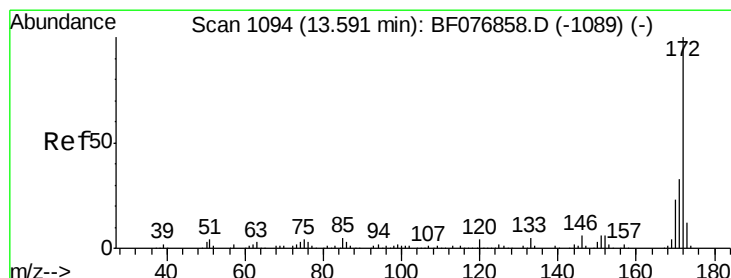
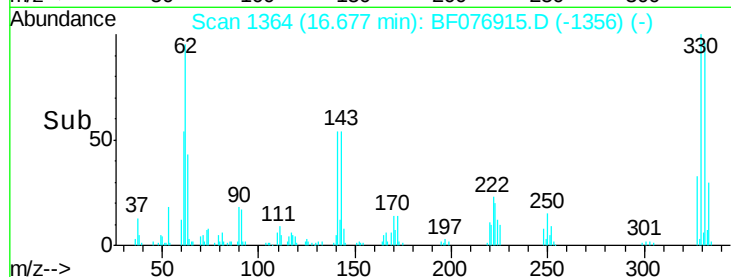
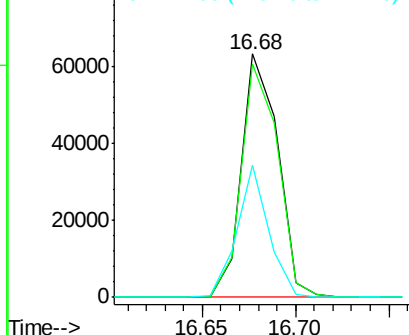
#41  
 2,4,6-Tribromophenol  
 Concen: 105.31 ng  
 RT: 16.68 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: BF076915.D  
 Acq: 16 Jan 2015 19:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-N

Tot Ion:330 Resp: 85432  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 77.8 116.6  
 141 47.8 38.5 57.7

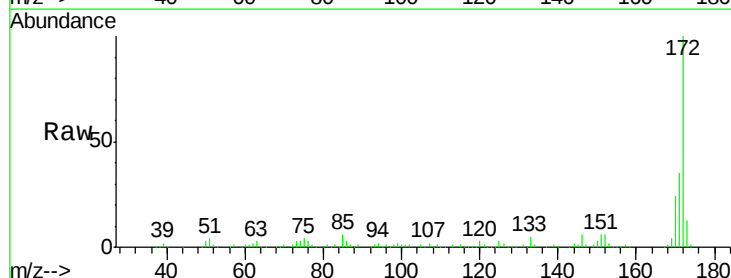


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

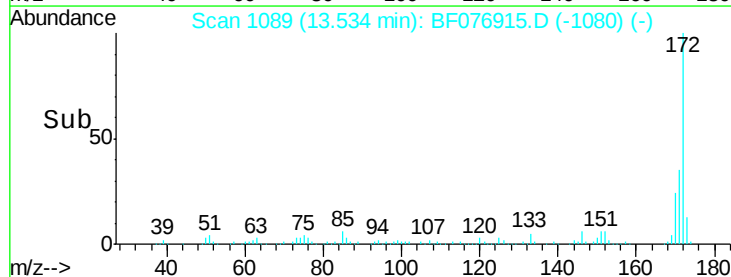
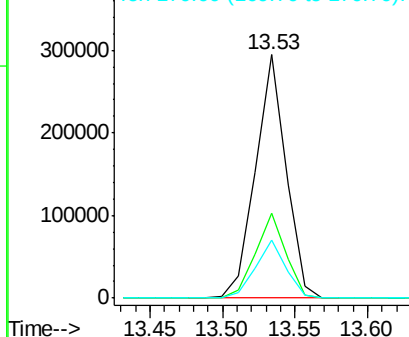


#44  
 2-Fluorobiphenyl  
 Concen: 65.55 ng  
 RT: 13.53 min Scan# 1089  
 Delta R.T. 0.00 min  
 Lab File: BF076915.D  
 Acq: 16 Jan 2015 19:04

Tgt Ion:172 Resp: 430466  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 26.6 40.0  
 170 23.6 18.0 27.0



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

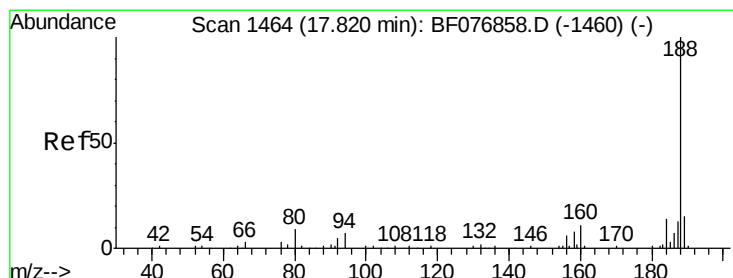
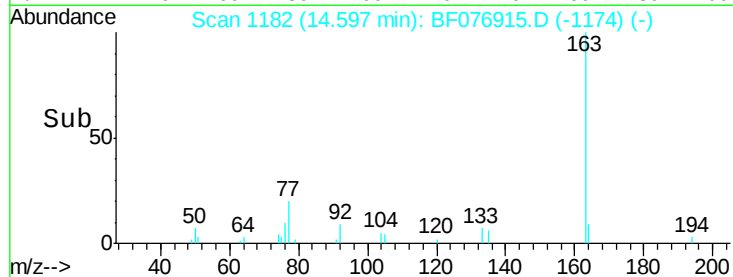
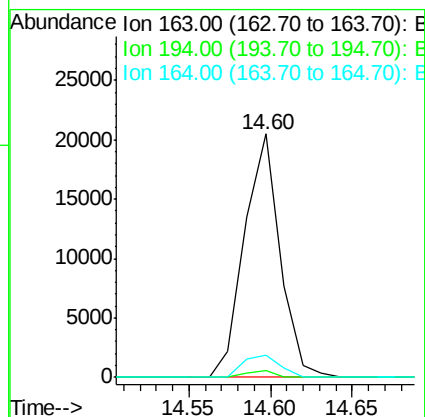
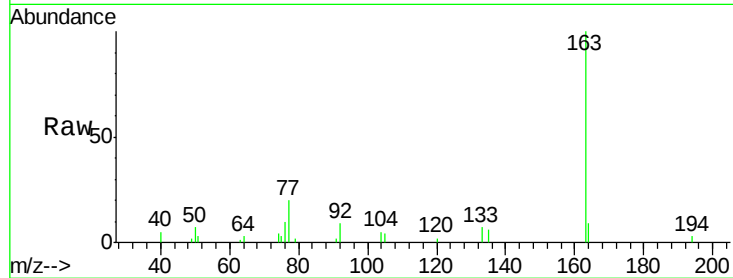




#49  
Dimethylphthalate  
Concen: 4.38 ng  
RT: 14.60 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: BF076915.D  
Acq: 16 Jan 2015 19:04

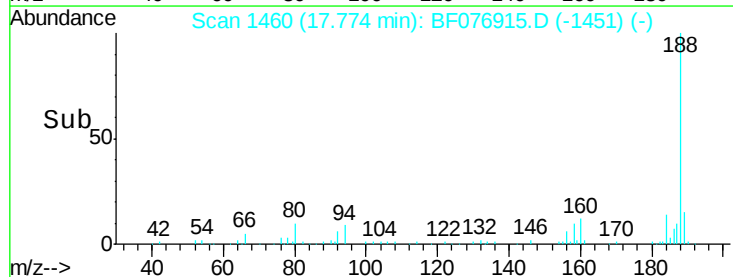
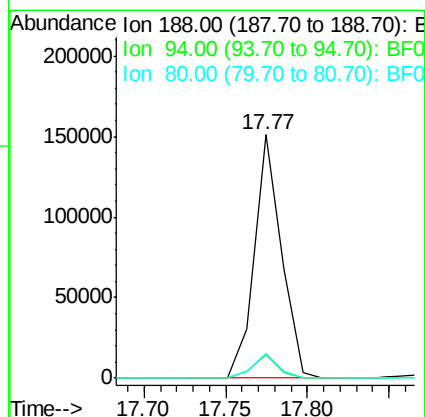
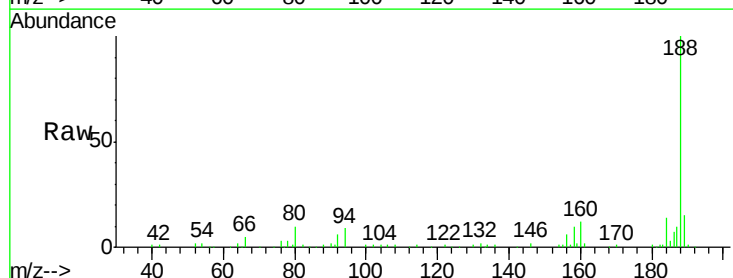
Instrument :  
BNA\_F  
ClientSampled :  
MW-N

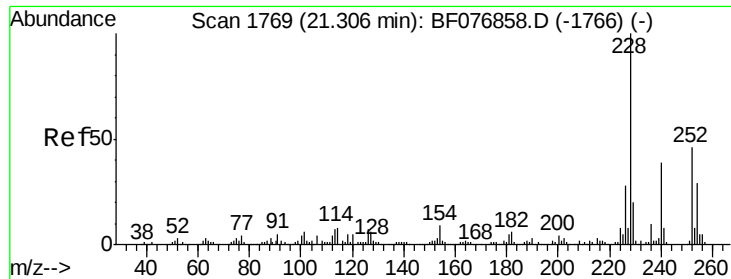
Tot Ion:163 Resp: 31045  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.6 4.0  
164 9.3 7.5 11.3



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.77 min Scan# 1460  
Delta R.T. 0.00 min  
Lab File: BF076915.D  
Acq: 16 Jan 2015 19:04

Tgt Ion:188 Resp: 173260  
Ion Ratio Lower Upper  
188 100  
94 9.5 6.0 9.0#  
80 10.1 6.9 10.3

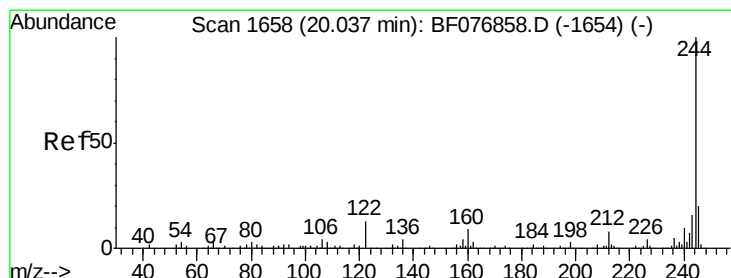
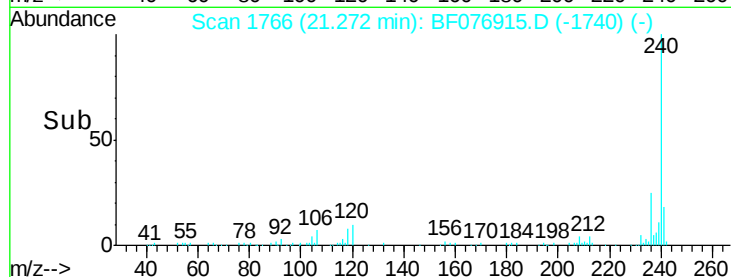
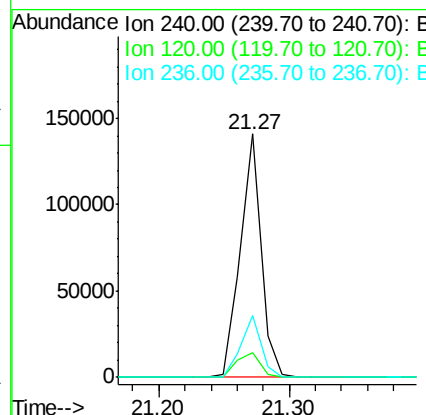
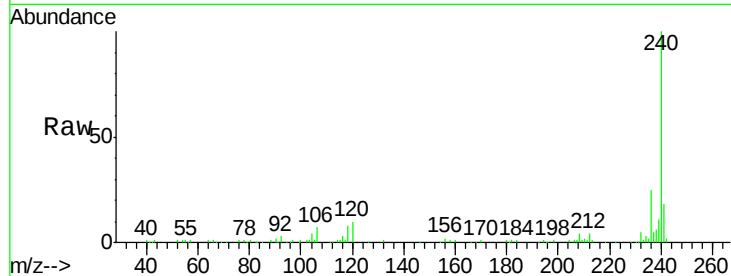




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.27 min Scan# 1766  
 Delta R.T. 0.00 min  
 Lab File: BF076915.D  
 Acq: 16 Jan 2015 19:04

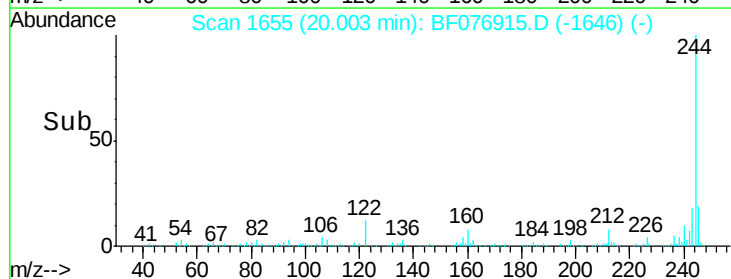
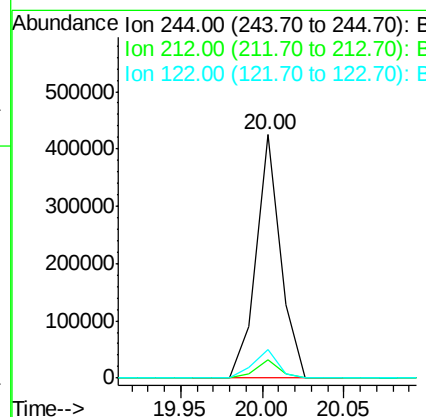
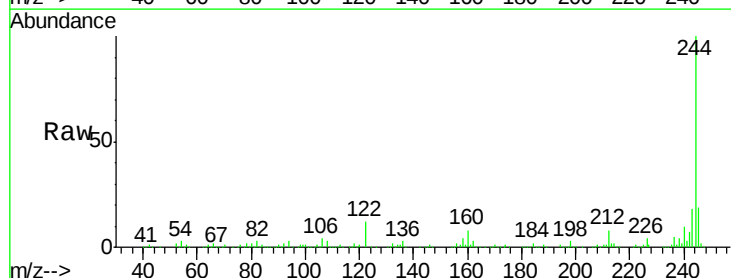
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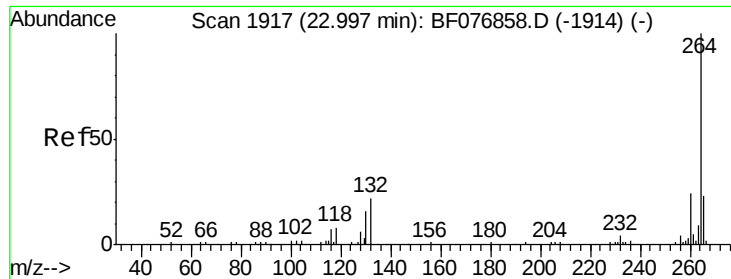
Tot Ion:240 Resp: 155526  
 Ion Ratio Lower Upper  
 240 100  
 120 10.0 10.4 15.6#  
 236 25.3 20.2 30.2



#78  
 Terphenyl-d14  
 Concen: 65.73 ng  
 RT: 20.00 min Scan# 1655  
 Delta R.T. 0.00 min  
 Lab File: BF076915.D  
 Acq: 16 Jan 2015 19:04

Tgt Ion:244 Resp: 444053  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.3 9.5  
 122 11.8 10.1 15.1

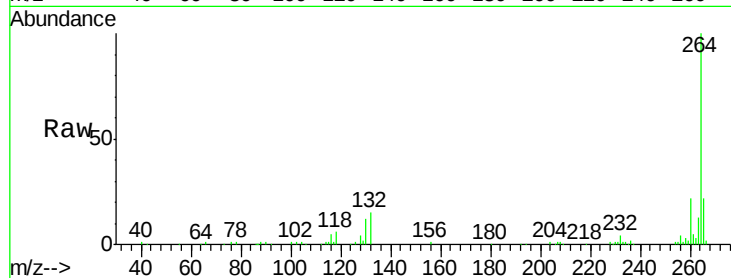




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 22.94 min Scan# 1912  
 Delta R.T. -0.01 min  
 Lab File: BF076915.D  
 Acq: 16 Jan 2015 19:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-N

Tot Ion: 264 Resp: 136696  
 Ion Ratio Lower Upper  
 264 100  
 260 22.2 19.0 28.4  
 265 22.0 18.1 27.1



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

