

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\  
 Data File : BF099297.D  
 Acq On : 10 Oct 2017 13:20  
 Operator : SJ/JU  
 Sample : I5651-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-116-1(0-5)

Quant Time: Oct 10 16:28:53 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 05 17:20:48 2017  
 Response via : Initial Calibration

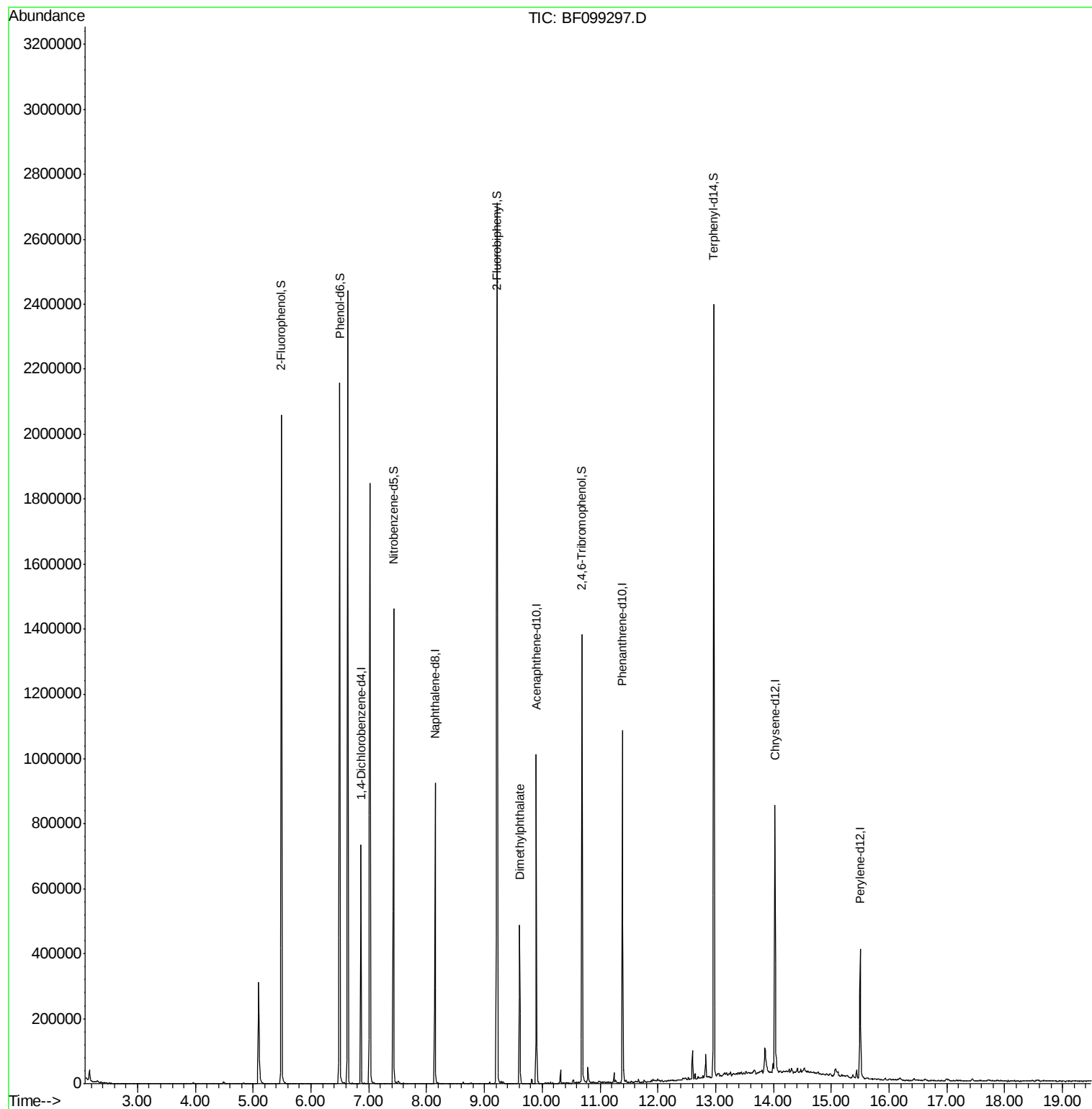
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 106960   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.15  | 136  | 432681   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.90  | 164  | 197130   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.39 | 188  | 353181   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 14.03 | 240  | 262710   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.50 | 264  | 174112   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.49  | 112  | 699355   | 104.09 | ng    | 0.01      |
| 7) Phenol-d6                | 6.50  | 99   | 854229   | 103.06 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 498989   | 73.96  | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330  | 173444   | 107.52 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 925529   | 78.38  | ng    | -0.01     |
| 78) Terphenyl-d14           | 12.97 | 244  | 824229   | 71.35  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.61  | 163  | 190253   | 12.787 | ng    | Qvalue 98 |

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

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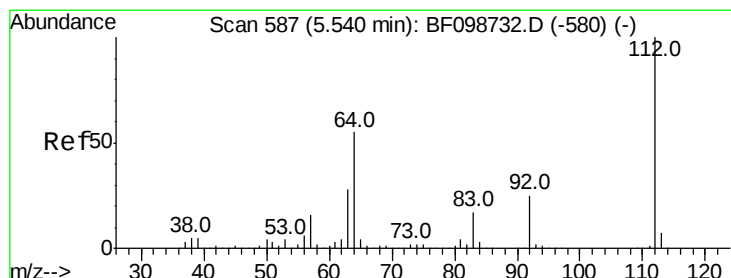
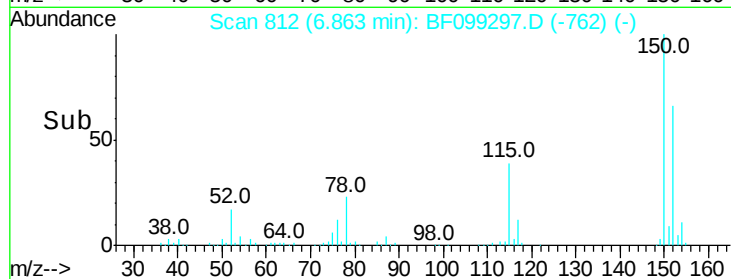
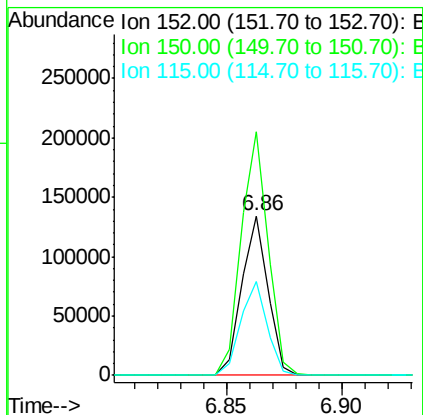
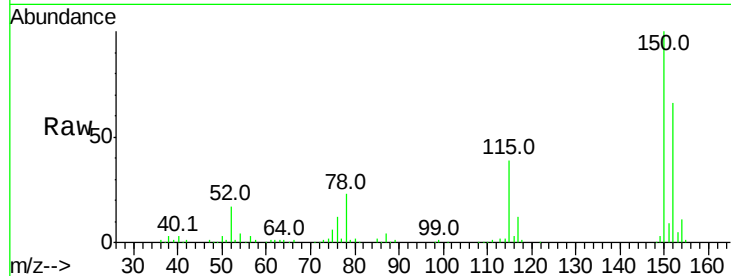


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.86 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF099297.D  
 Acq: 10 Oct 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-116-1(0-5)

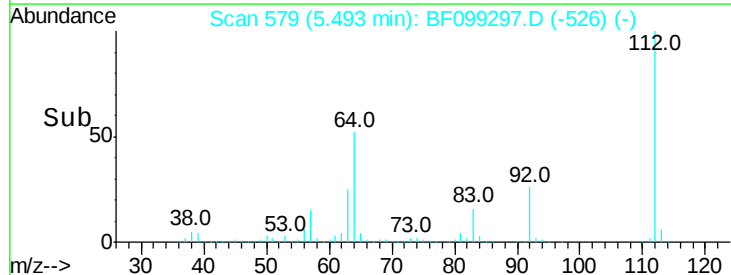
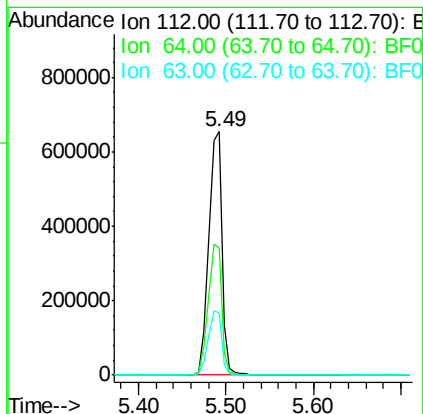
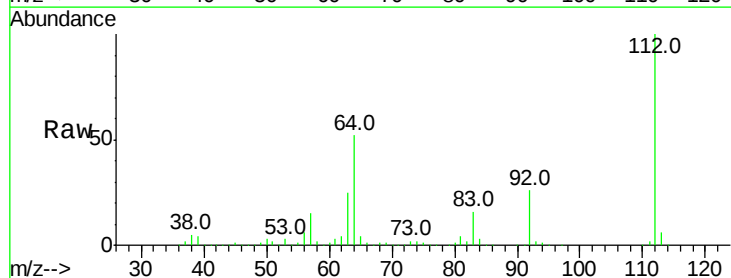
Tot Ion:152 Resp: 106960  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 124.6 186.8  
 115 59.1 50.1 75.1

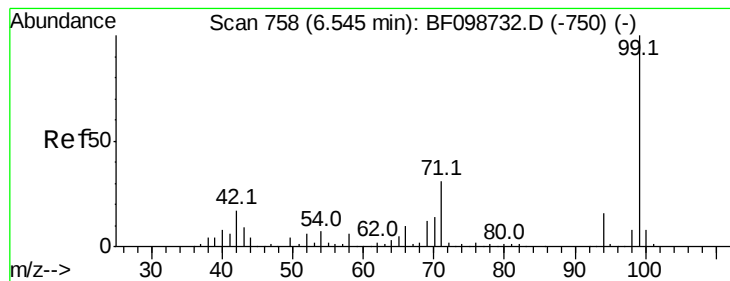


#5

2-Fluorophenol  
 Concen: 104.086 ng  
 RT: 5.49 min Scan# 579  
 Delta R.T. 0.01 min  
 Lab File: BF099297.D  
 Acq: 10 Oct 2017 13:20

Tgt Ion:112 Resp: 699355  
 Ion Ratio Lower Upper  
 112 100  
 64 52.2 47.9 71.9  
 63 25.3 23.7 35.5





#7

Phenol-d6

Concen: 103.060 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

ENV-116-1(0-5)

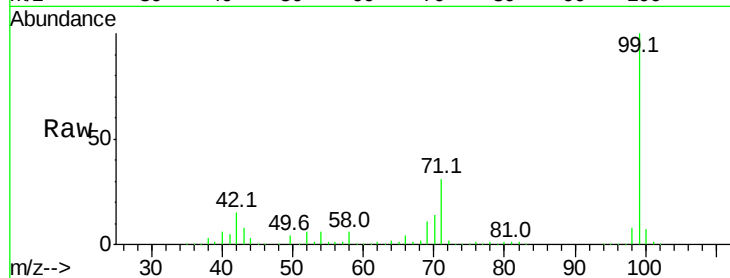
Tot Ion: 99 Resp: 854229

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

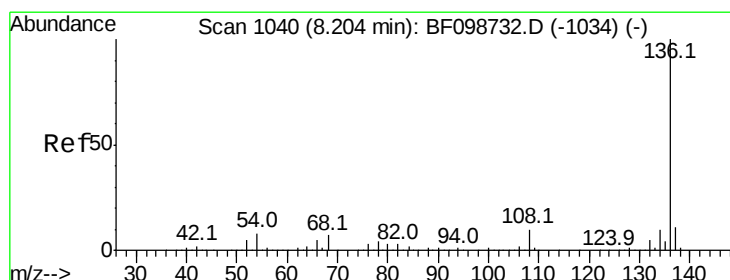
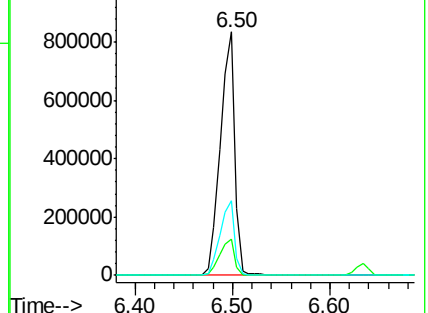
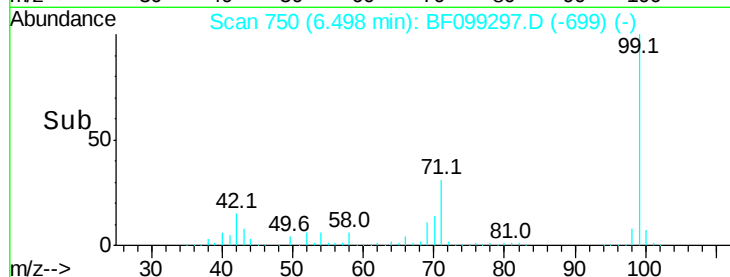
71 30.9 25.4 38.0



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: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

Tgt Ion: 136 Resp: 432681

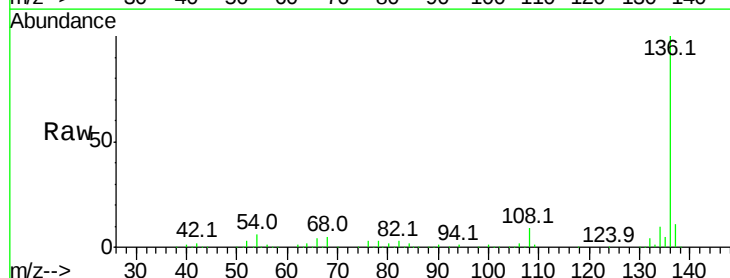
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 5.0 7.4

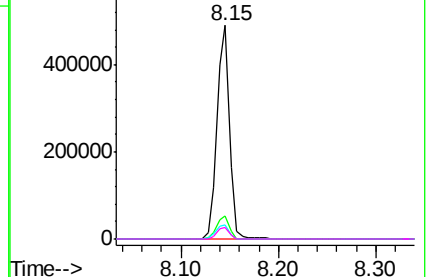
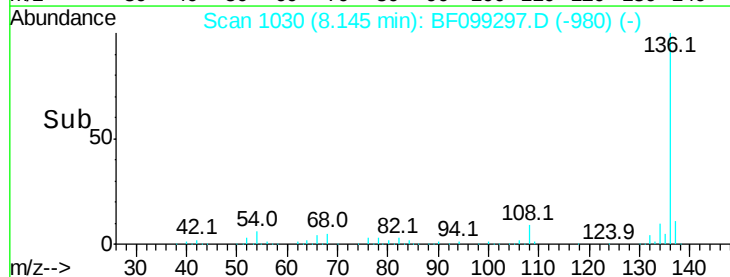


Abundance Ion 136.00 (135.70 to 136.70): E

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

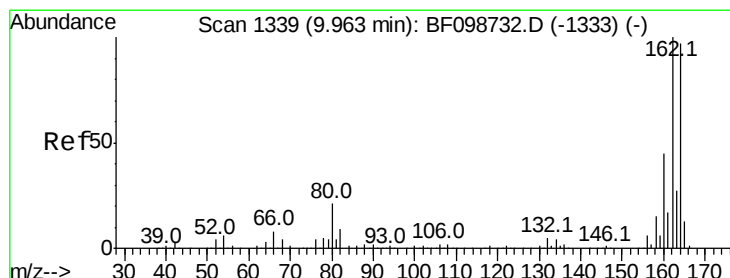
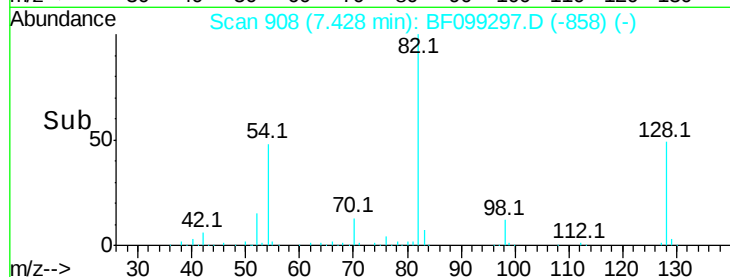
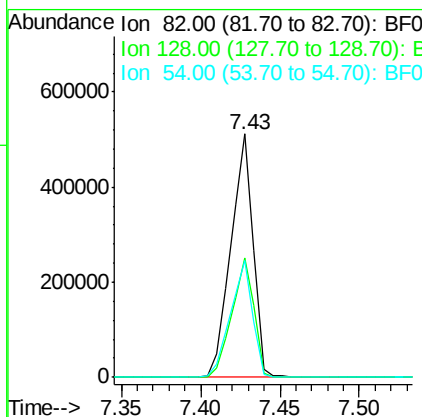
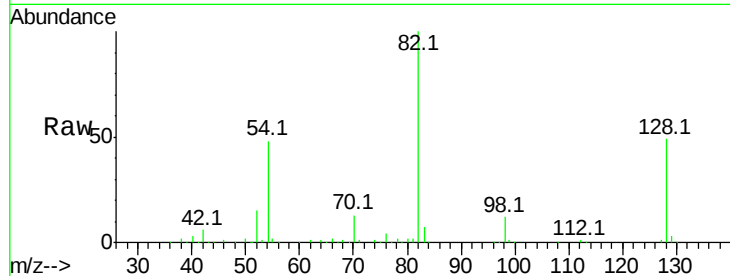




#23  
 Nitrobenzene-d5  
 Concen: 73.958 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: BF099297.D  
 Acq: 10 Oct 2017 13:20

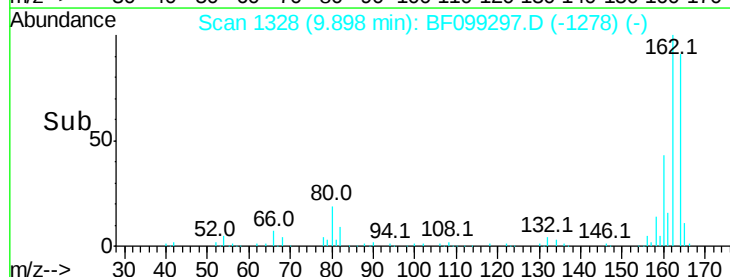
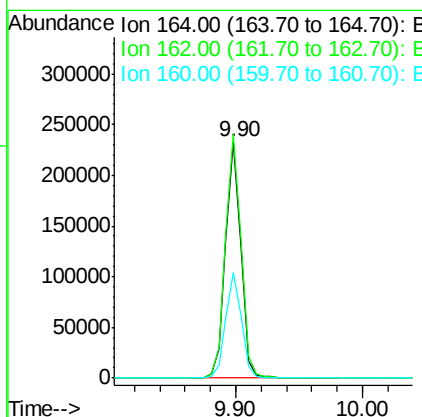
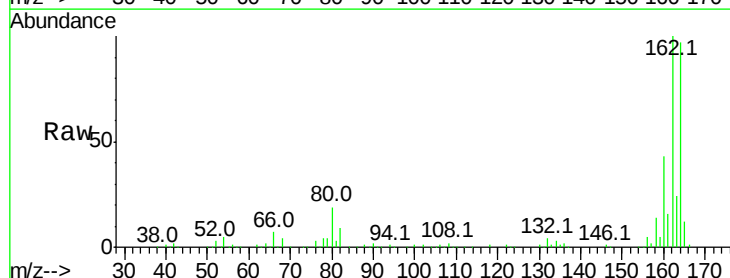
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-116-1(0-5)

| Tot Ion   | 82    | Resp  | 498989 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 49.1  | 36.1  | 54.1   |
| 54        | 47.8  | 41.4  | 62.2   |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.90 min Scan# 1328  
 Delta R.T. -0.01 min  
 Lab File: BF099297.D  
 Acq: 10 Oct 2017 13:20

| Tgt Ion   | 164   | Resp  | 197130 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.1 | 86.1  | 129.1  |
| 160       | 44.7  | 38.3  | 57.5   |

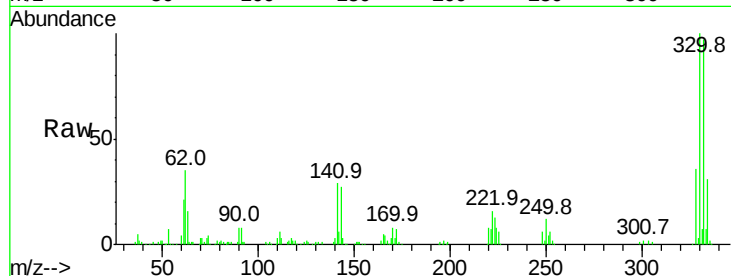




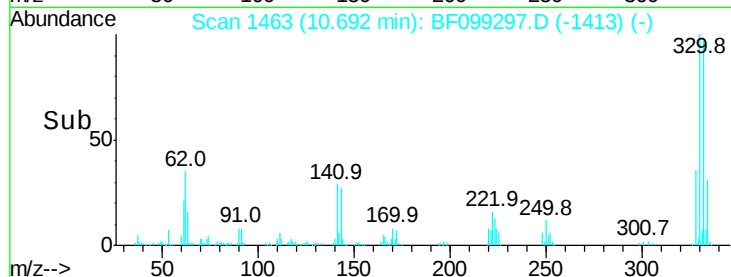
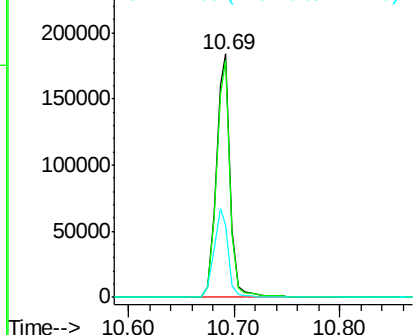
#41  
 2,4,6-Tribromophenol  
 Concen: 107.525 ng  
 RT: 10.69 min Scan# 1463  
 Delta R.T. -0.01 min  
 Lab File: BF099297.D  
 Acq: 10 Oct 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-116-1(0-5)

Tot Ion:330 Resp: 173444  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 77.0 115.6  
 141 37.0 29.9 44.9

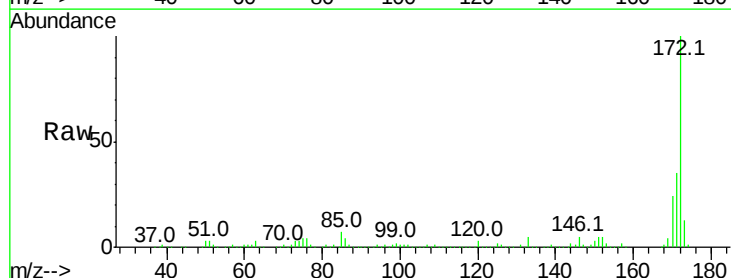


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

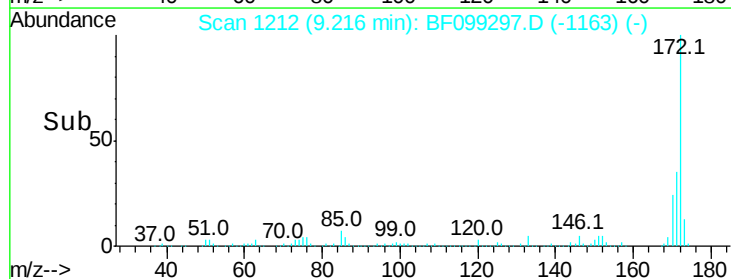
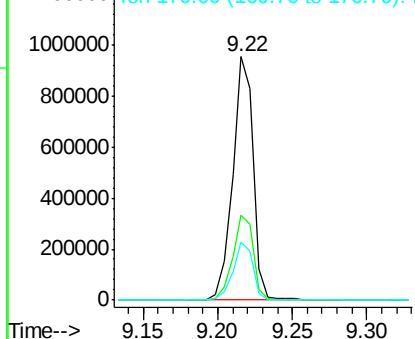


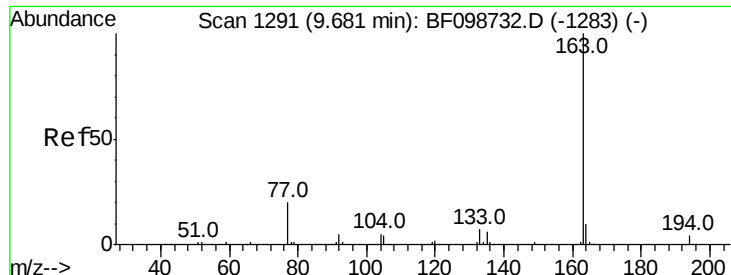
#44  
 2-Fluorobiphenyl  
 Concen: 78.379 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF099297.D  
 Acq: 10 Oct 2017 13:20

Tgt Ion:172 Resp: 925529  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 29.7 44.5  
 170 23.7 19.6 29.4



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

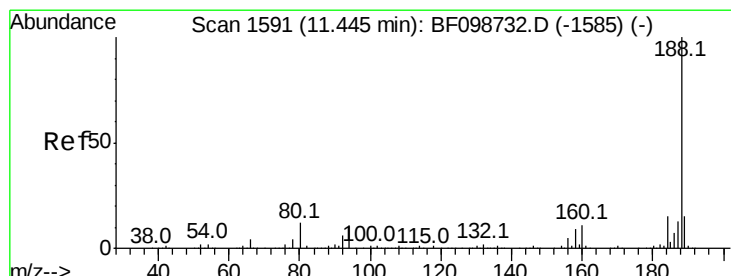
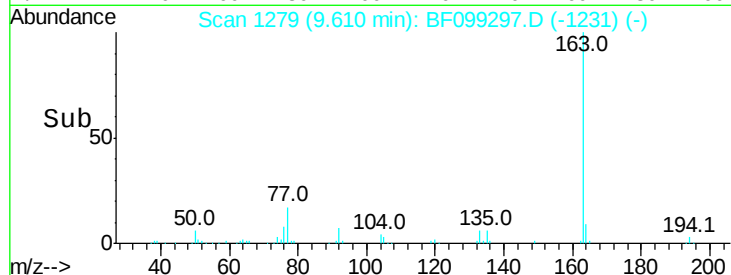
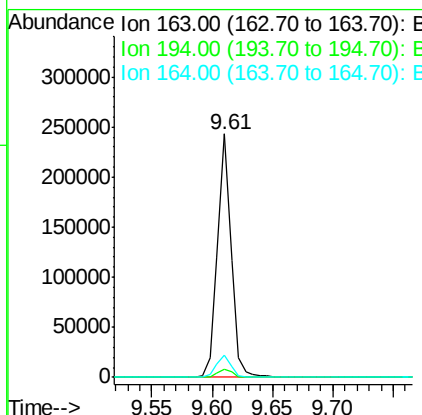
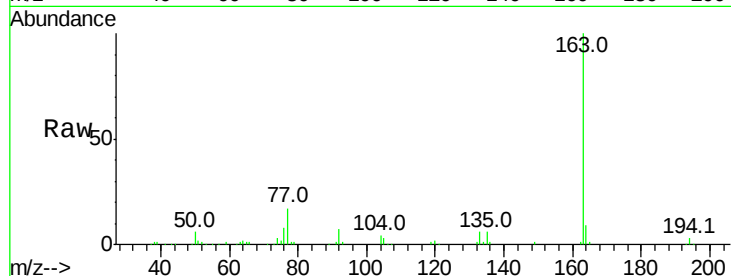




#49  
Dimethylphthalate  
Concen: 12.787 ng  
RT: 9.61 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BF099297.D  
Acq: 10 Oct 2017 13:20

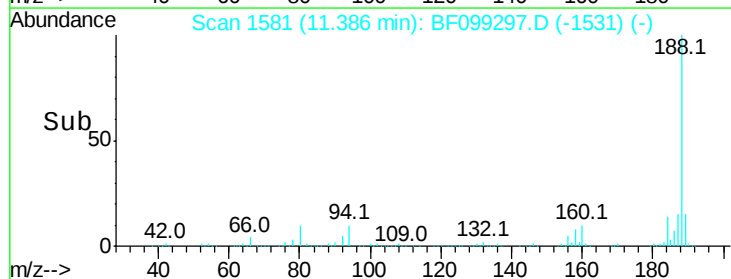
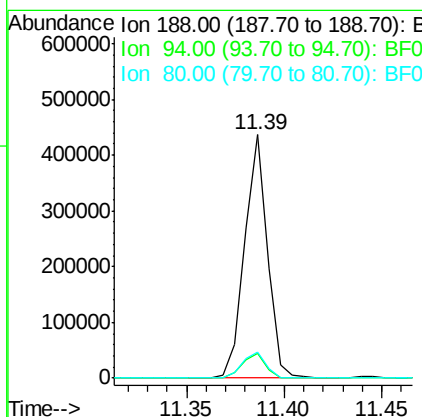
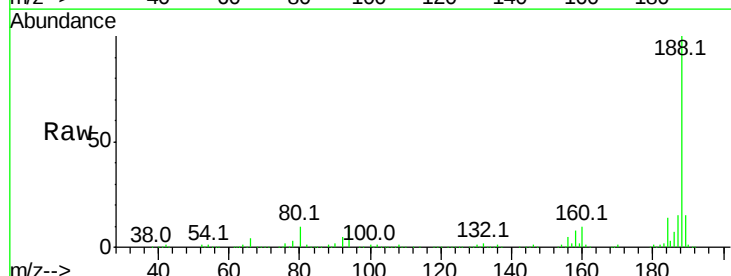
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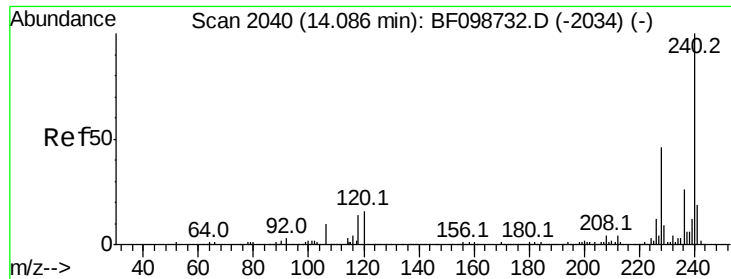
Tot Ion:163 Resp: 190253  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.7 4.1  
164 9.3 8.2 12.2



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.39 min Scan# 1581  
Delta R.T. -0.01 min  
Lab File: BF099297.D  
Acq: 10 Oct 2017 13:20

Tgt Ion:188 Resp: 353181  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.5 12.7  
80 10.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

ENV-116-1(0-5)

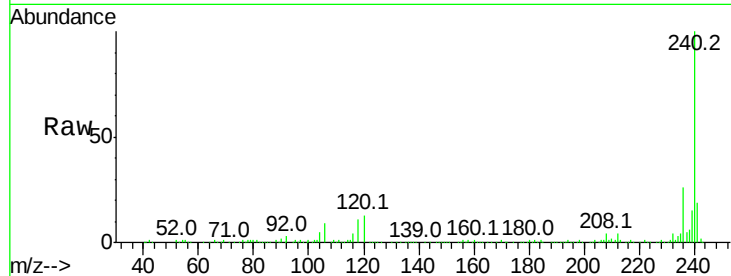
Tot Ion:240 Resp: 262710

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

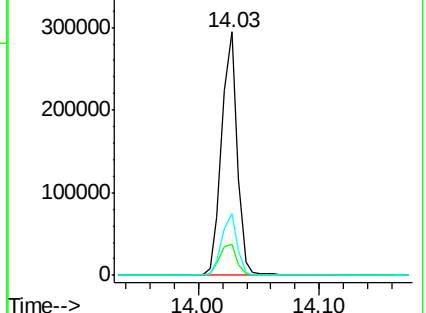
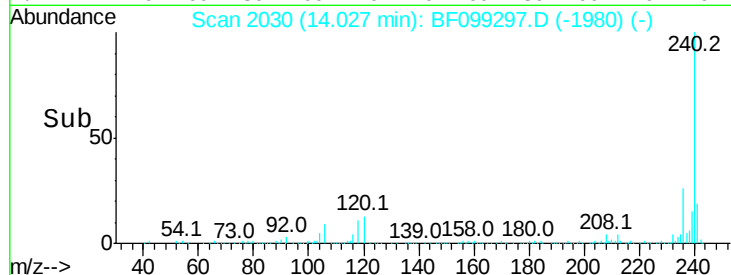
236 25.6 20.7 31.1



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: 71.351 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

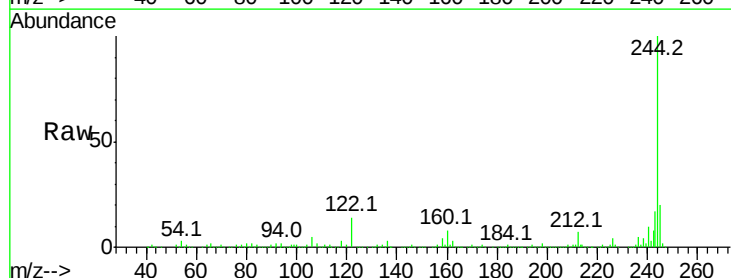
Tgt Ion:244 Resp: 824229

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

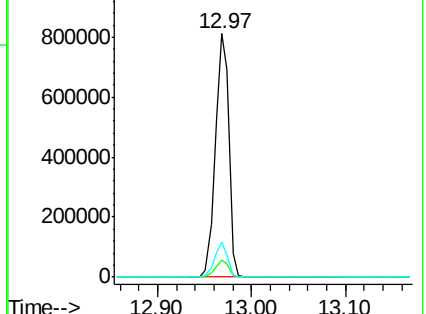
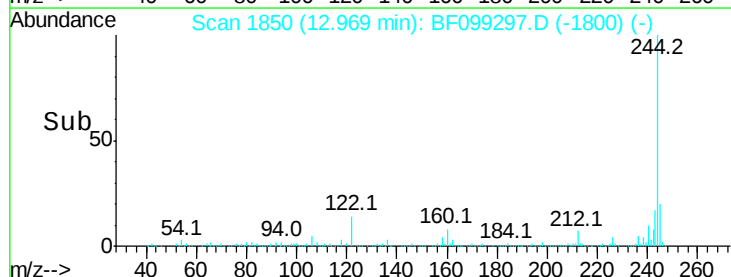
122 14.3 11.0 16.4



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

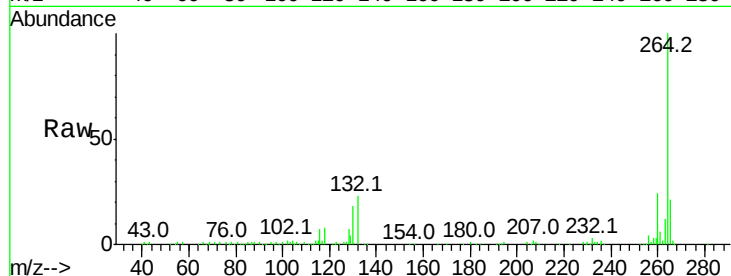




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.50 min Scan# 2280  
 Delta R.T. -0.01 min  
 Lab File: BF099297.D  
 Acq: 10 Oct 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-116-1(0-5)

Tot Ion:264 Resp: 174112  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 20.6 17.5 26.3



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

