

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\  
 Data File : BF099391.D  
 Acq On : 12 Oct 2017 13:10  
 Operator : SJ/JU  
 Sample : I5758-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB4A

Quant Time: Oct 12 16:39:43 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 12 16:21:36 2017  
 Response via : Initial Calibration

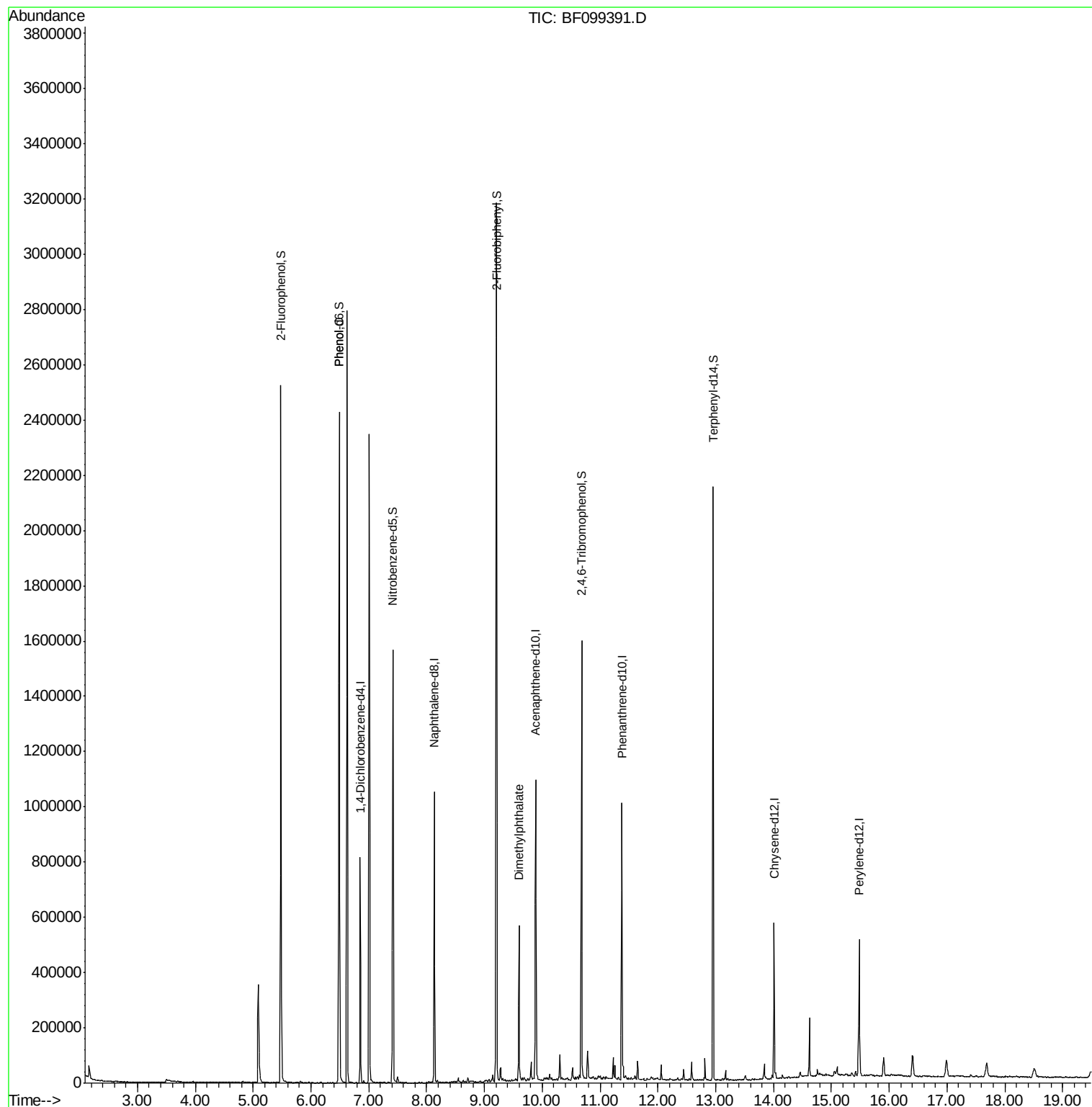
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 111839   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 464720   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 203858   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.37 | 188  | 321193   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.01 | 240  | 179018   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.48 | 264  | 190669   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.48  | 112  | 850456   | 121.05 | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 1013204  | 116.91 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 620845   | 85.67  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 198238   | 118.84 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.21  | 172  | 1076807  | 88.18  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.96 | 244  | 683672   | 86.85  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.50  | 94   | 31024    | 3.201  | ng    | 79       |
| 49) Dimethylphthalate       | 9.60  | 163  | 200269   | 13.016 | ng    | 100      |

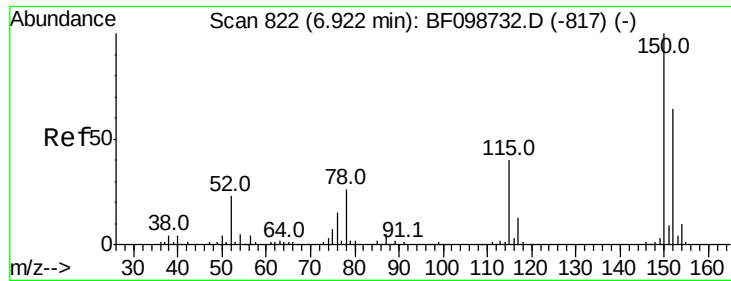
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\  
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BNA\_F  
ClientSampleId :  
SB4A

Quant Time: Oct 12 16:39:43 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 12 16:21:36 2017  
Response via : Initial Calibration



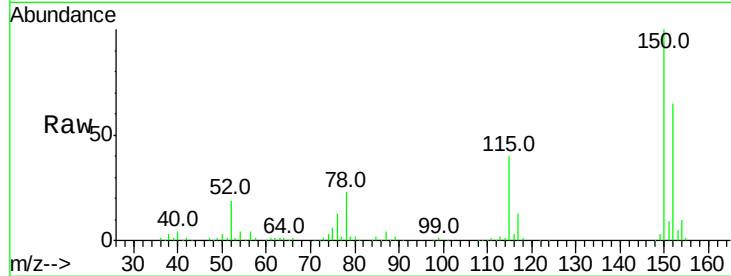


#1

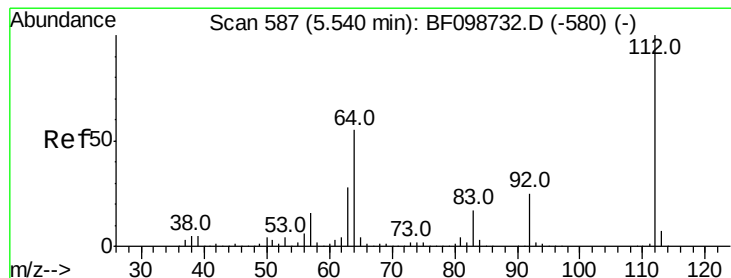
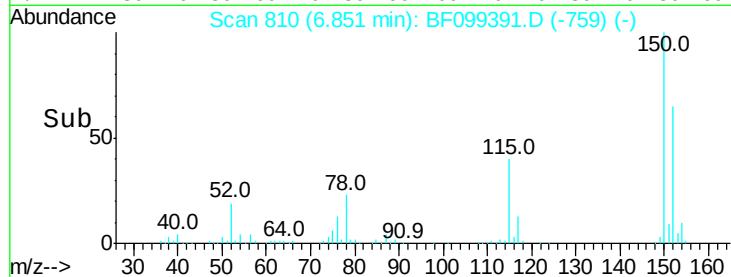
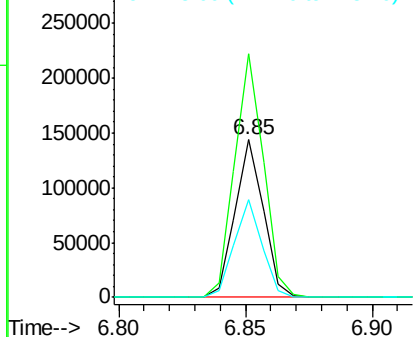
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.00 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB4A

Tot Ion:152 Resp: 111839  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.6 186.8  
115 62.2 50.1 75.1



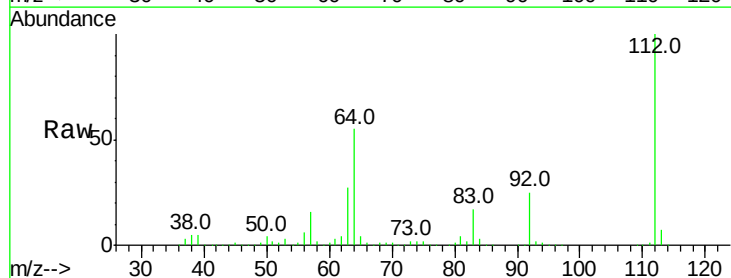
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



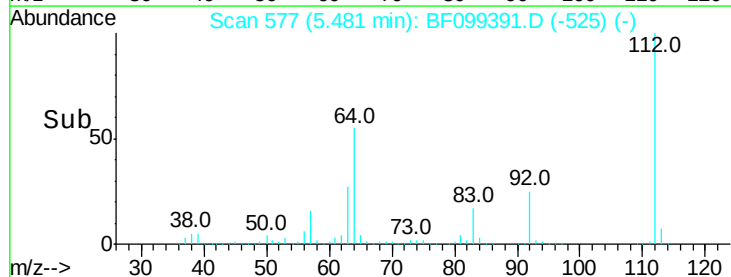
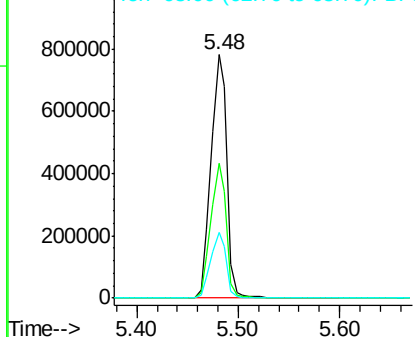
#5

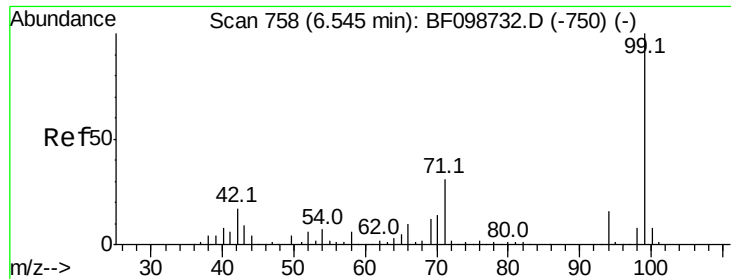
2-Fluorophenol  
Concen: 121.053 ng  
RT: 5.48 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

Tgt Ion:112 Resp: 850456  
Ion Ratio Lower Upper  
112 100  
64 55.5 47.9 71.9  
63 27.2 23.7 35.5



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: 116.907 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099391.D

Acq: 12 Oct 2017 13:10

Instrument :

BNA\_F

ClientSampleId :

SB4A

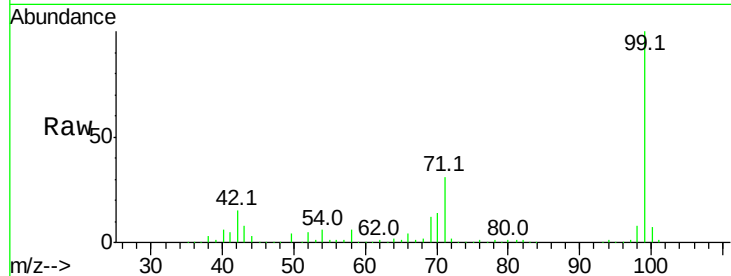
Tot Ion: 99 Resp: 1013204

Ion Ratio Lower Upper

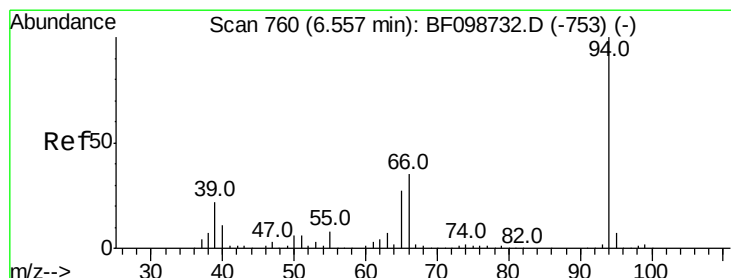
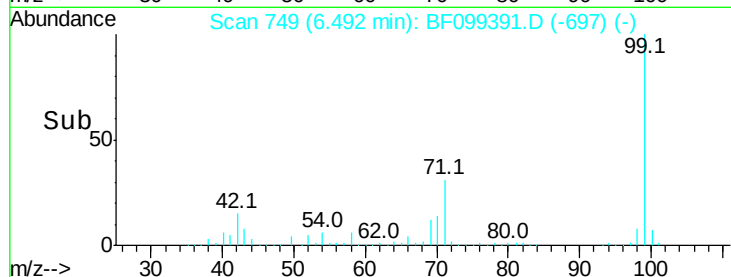
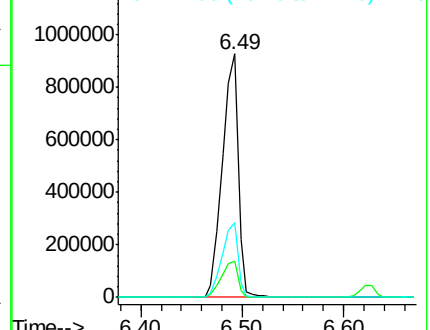
99 100

42 15.0 14.5 21.7

71 30.5 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



#10

Phenol

Concen: 3.201 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF099391.D

Acq: 12 Oct 2017 13:10

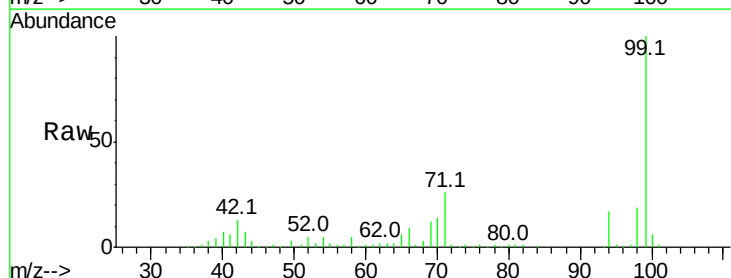
Tgt Ion: 94 Resp: 31024

Ion Ratio Lower Upper

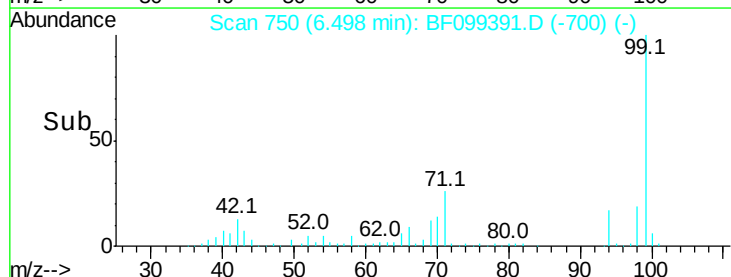
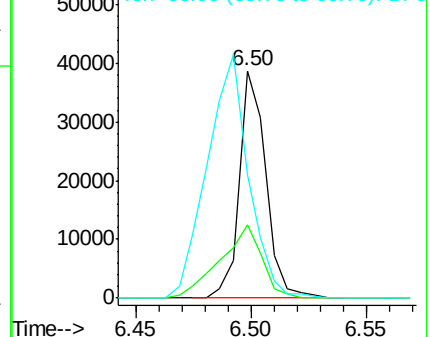
94 100

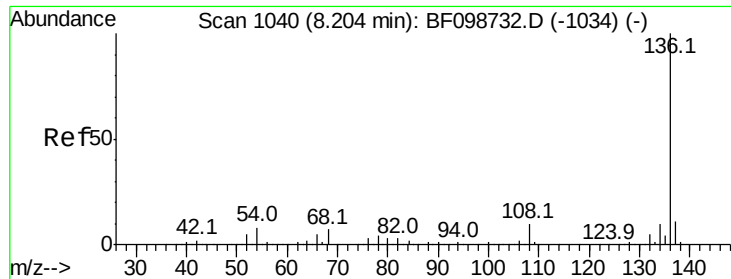
65 32.3 7.9 47.9

66 54.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0

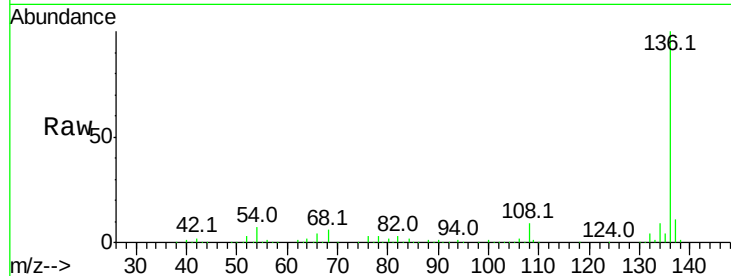




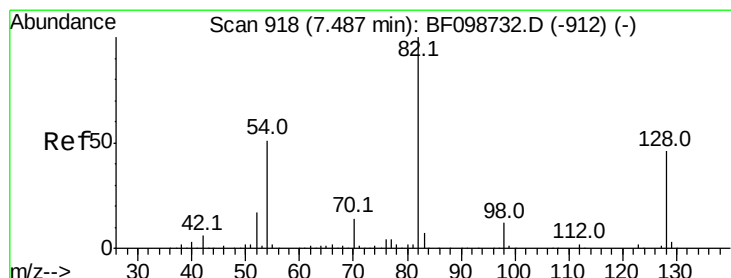
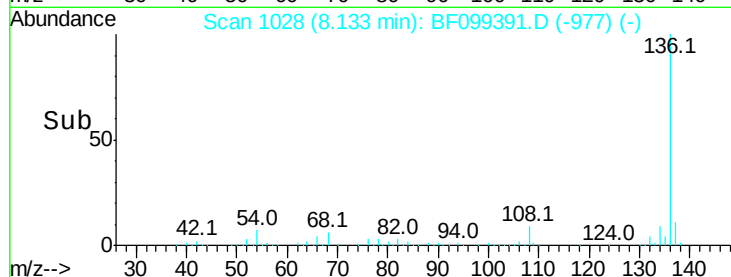
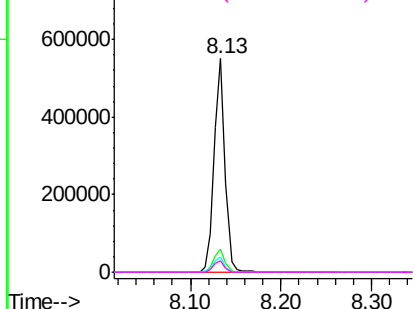
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. -0.00 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB4A

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 464720 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.9   | 13.3   |
| 54       | 7.3   | 6.6   | 9.8    |
| 68       | 5.6   | 5.0   | 7.4    |

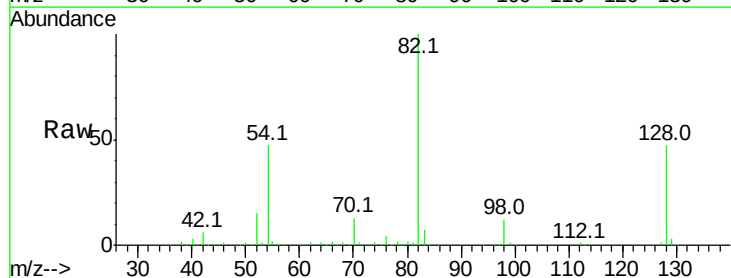


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

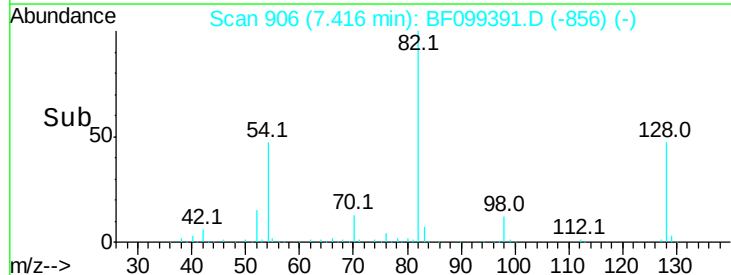
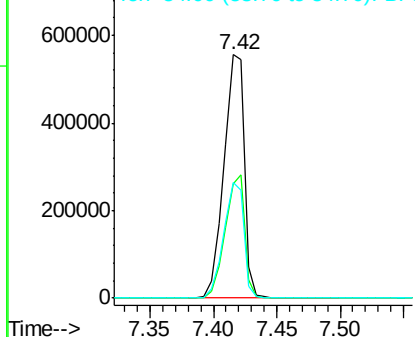


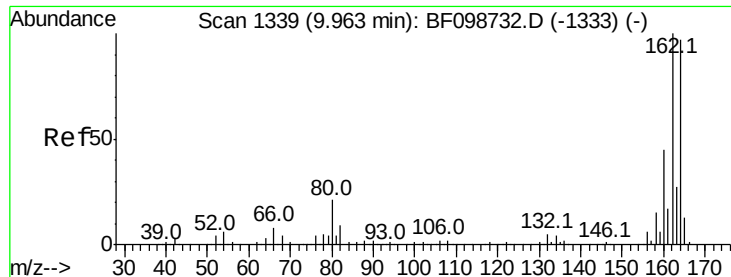
#23  
Nitrobenzene-d5  
Concen: 85.675 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 620845 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 46.9  | 36.1  | 54.1   |
| 54       | 47.4  | 41.4  | 62.2   |



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

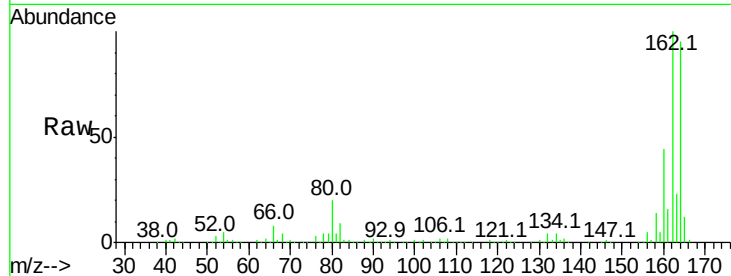




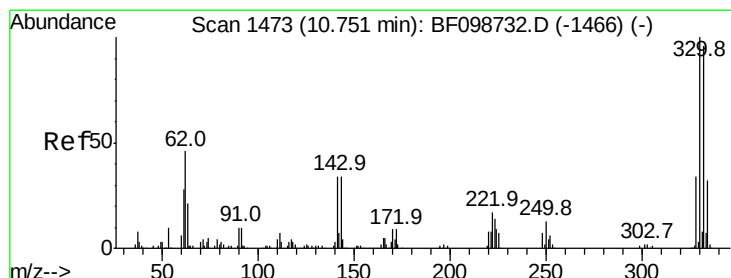
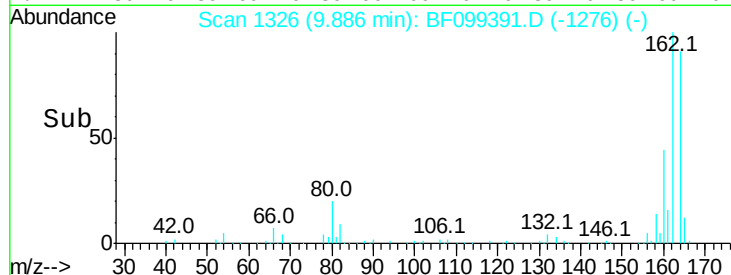
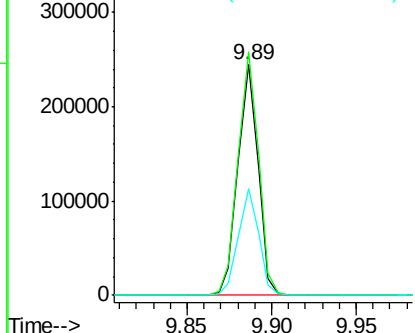
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB4A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.7 | 86.1  | 129.1 |
| 160     | 46.2  | 38.3  | 57.5  |

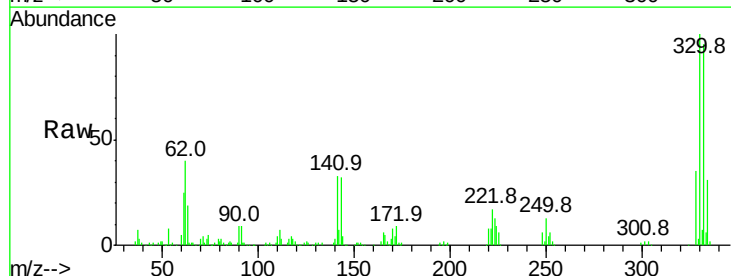


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

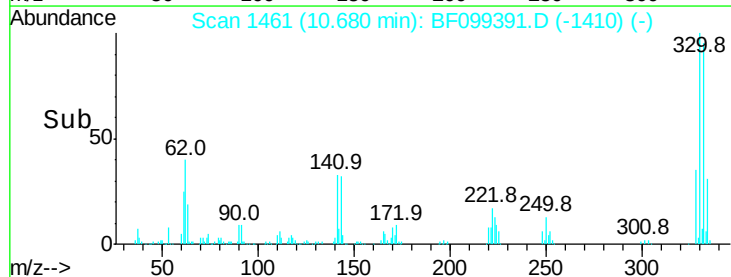
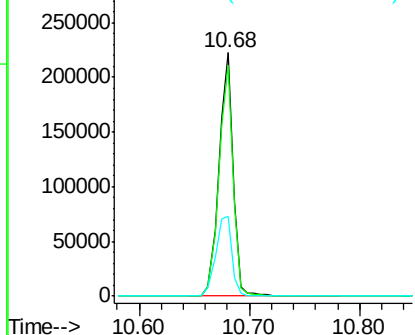


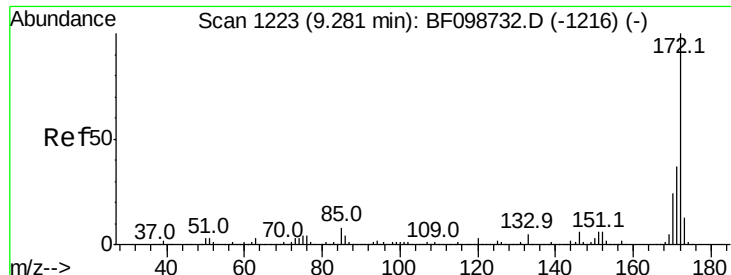
#41  
2,4,6-Tribromophenol  
Concen: 118.840 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. -0.00 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.8  | 77.0  | 115.6 |
| 141     | 37.4  | 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

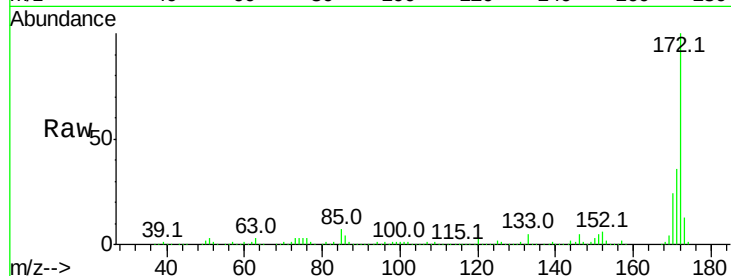




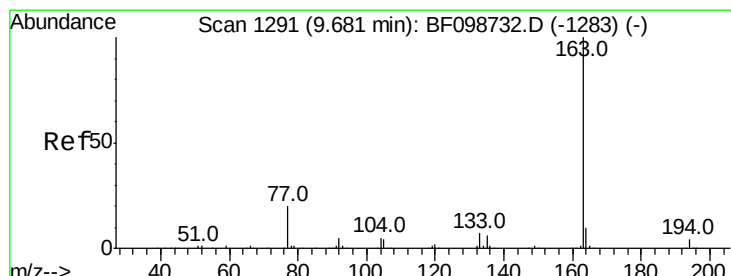
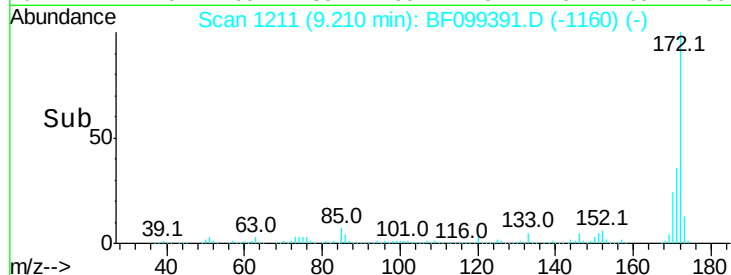
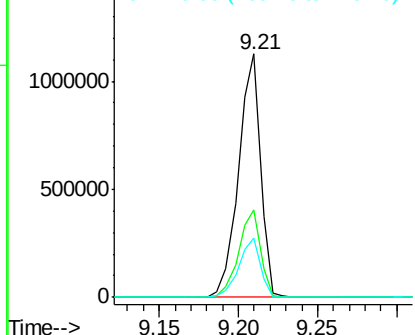
#44  
2-Fluorobiphenyl  
Concen: 88.181 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. -0.00 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB4A

Tot Ion:172 Resp: 1076807  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.7 44.5  
170 24.3 19.6 29.4

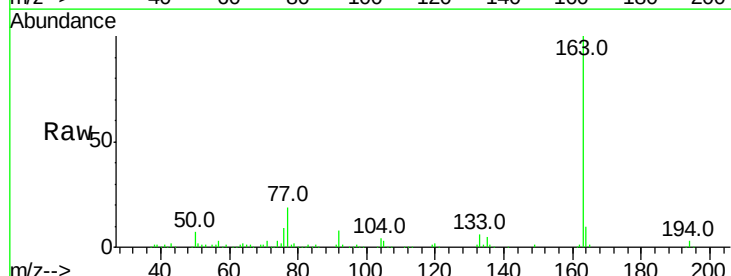


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

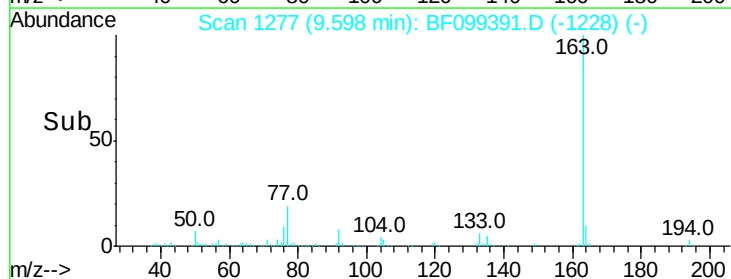
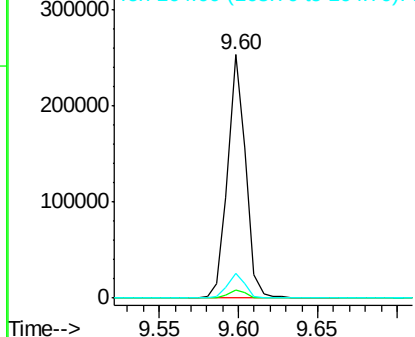


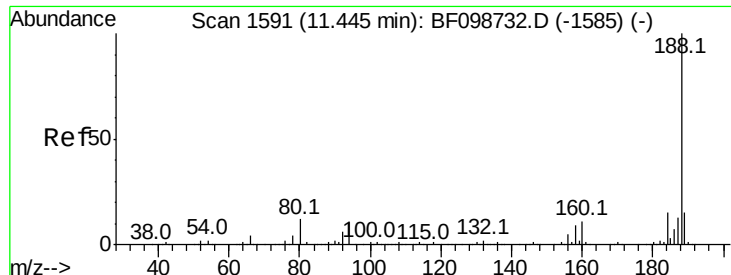
#49  
Dimethylphthalate  
Concen: 13.016 ng  
RT: 9.60 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

Tgt Ion:163 Resp: 200269  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.7 4.1  
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

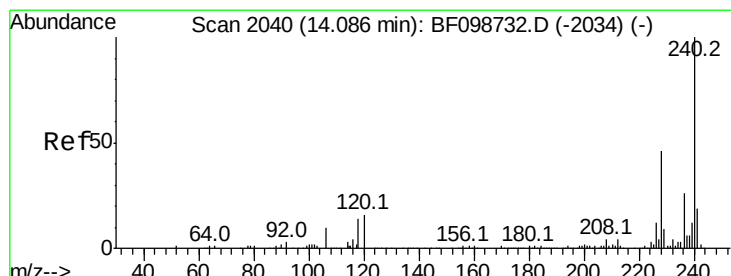
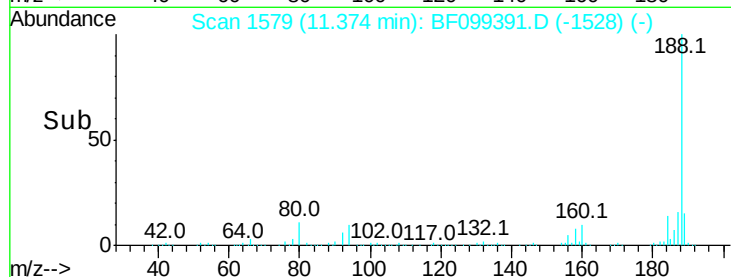
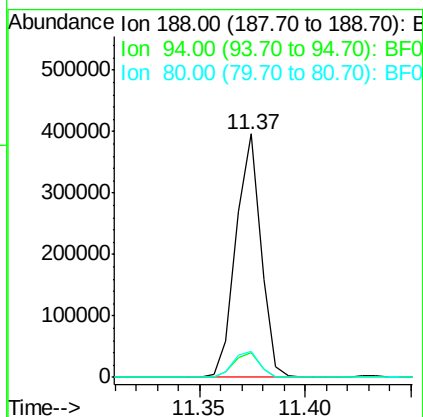
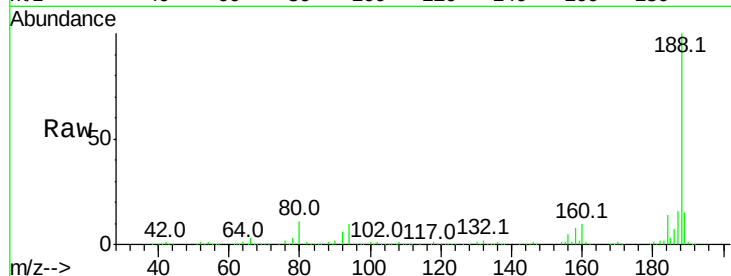




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. -0.00 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

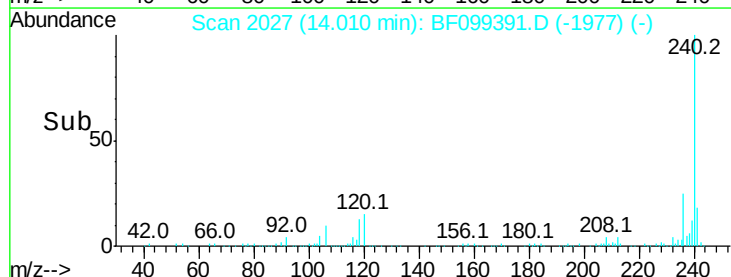
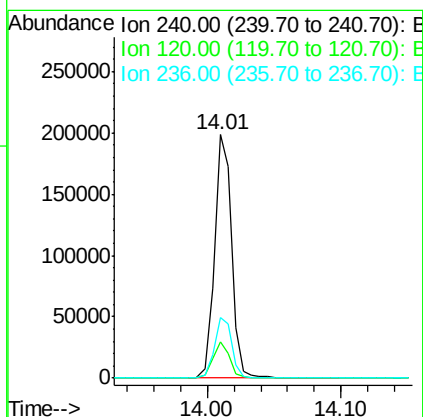
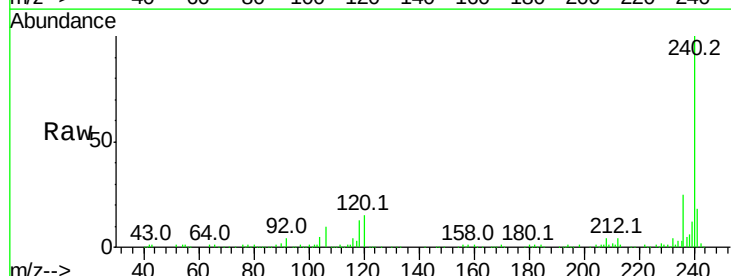
Instrument :  
BNA\_F  
ClientSampled :  
SB4A

Tot Ion:188 Resp: 321193  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.5 12.7  
80 10.6 9.2 13.8

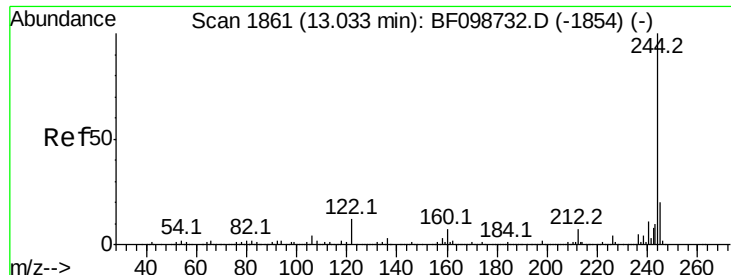


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF099391.D  
Acq: 12 Oct 2017 13:10

Tgt Ion:240 Resp: 179018  
Ion Ratio Lower Upper  
240 100  
120 14.8 9.5 14.3#  
236 24.8 20.7 31.1



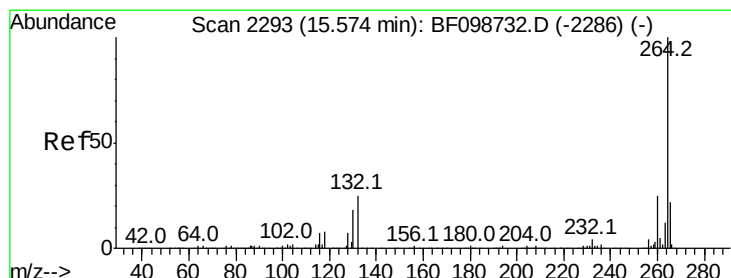
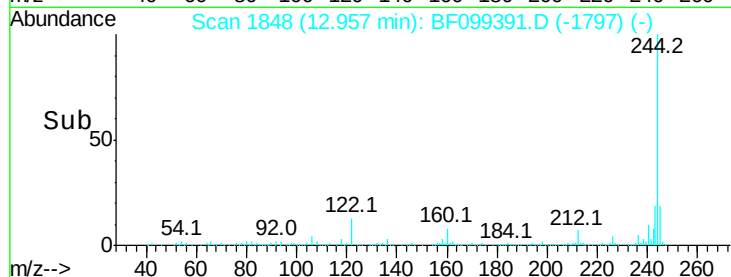
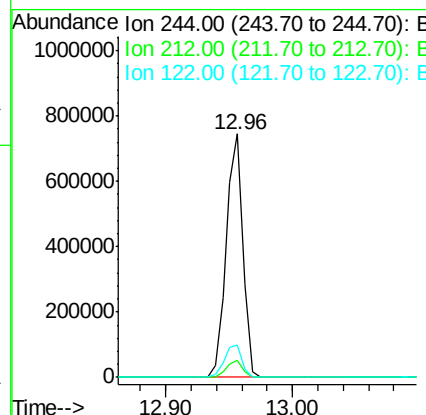
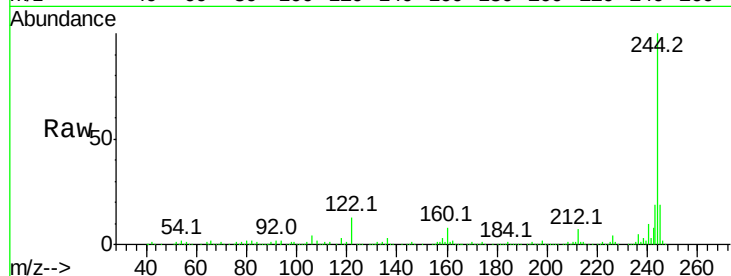




#78  
 Terphenyl-d14  
 Concen: 86.852 ng  
 RT: 12.96 min Scan# 1848  
 Delta R.T. -0.00 min  
 Lab File: BF099391.D  
 Acq: 12 Oct 2017 13:10

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB4A

Tot Ion:244 Resp: 683672  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.0  
 122 13.1 11.0 16.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.48 min Scan# 2277  
 Delta R.T. -0.00 min  
 Lab File: BF099391.D  
 Acq: 12 Oct 2017 13:10

Tgt Ion:264 Resp: 190669  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.2 28.8  
 265 21.7 17.5 26.3

