

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\  
 Data File : BF109957.D  
 Acq On : 18 Oct 2018 13:24  
 Operator : JU/SJ  
 Sample : J5565-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RLF-SD-5

Quant Time: Oct 19 02:46:04 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 16 14:58:24 2018  
 Response via : Initial Calibration

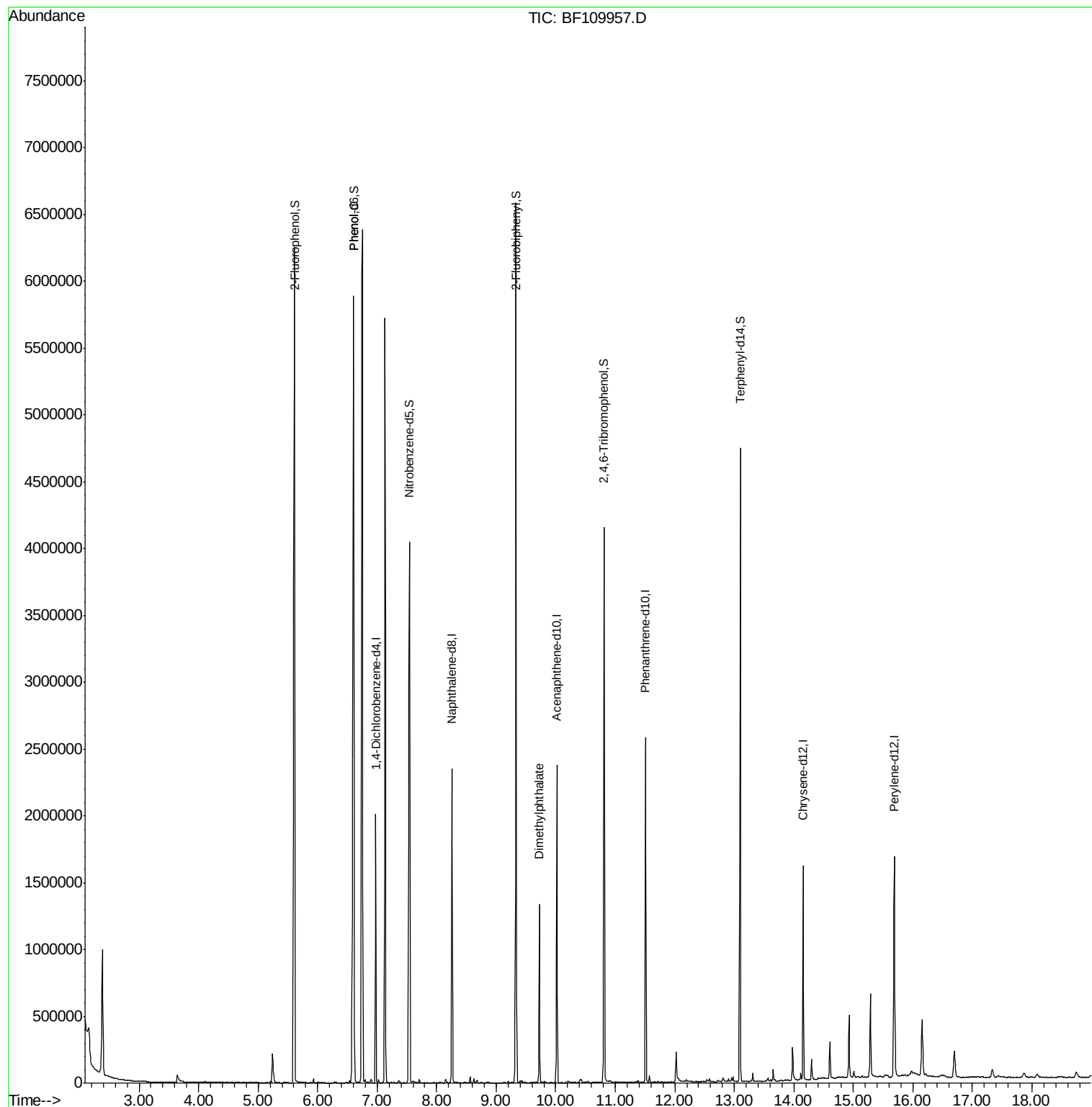
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 275804   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.26  | 136  | 1063654  | 20.00  | ng    | -0.01       |
| 39) Acenaphthene-d10        | 10.02 | 164  | 489945   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.51 | 188  | 865029   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.16 | 240  | 486424   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.69 | 264  | 494836   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.61  | 112  | 2032409  | 116.81 | ng    | 0.01        |
| 7) Phenol-d6                | 6.60  | 99   | 2566813  | 118.80 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.54  | 82   | 1630601  | 103.27 | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 10.82 | 330  | 538137   | 126.86 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.33  | 172  | 2237635  | 72.88  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.10 | 244  | 1571233  | 67.83  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.61  | 94   | 148677   | 6.374  | ng    | Qvalue # 71 |
| 50) Dimethylphthalate       | 9.73  | 163  | 554846   | 15.993 | ng    | 99          |

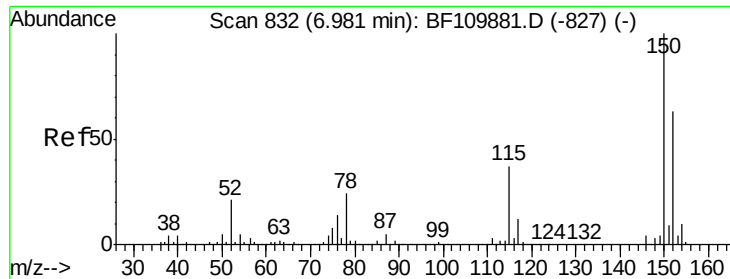
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\  
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Sample : J5565-04  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RLF-SD-5

Quant Time: Oct 19 02:46:04 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 16 14:58:24 2018  
Response via : Initial Calibration



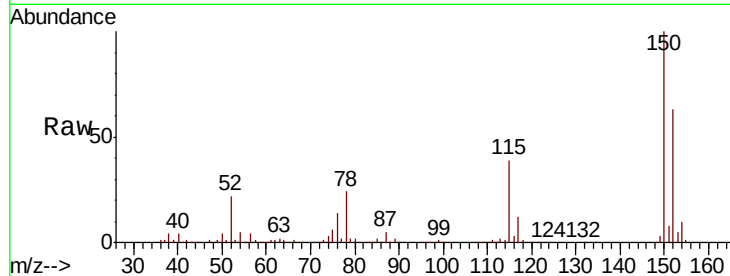


#1

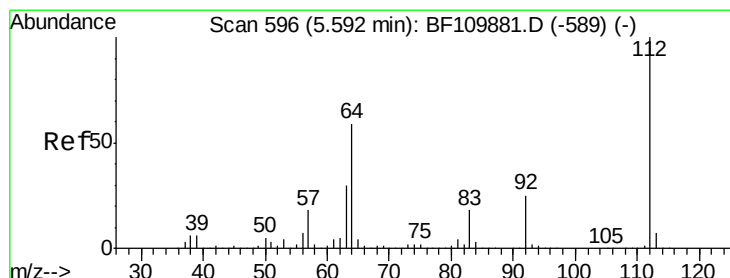
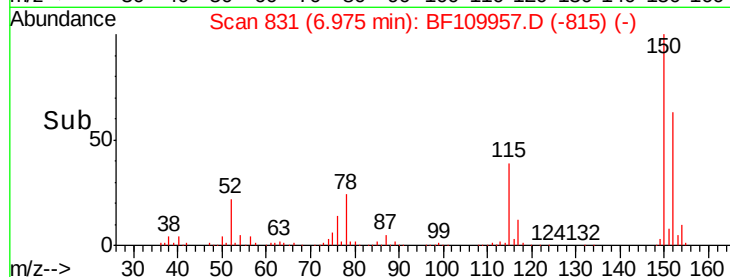
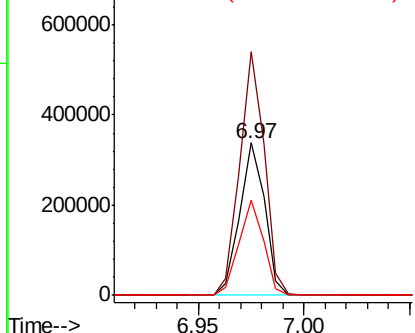
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BF109957.D  
Acq: 18 Oct 2018 13:24

Instrument :  
BNA\_F  
ClientSampleId :  
RLF-SD-5

Tot Ion:152 Resp: 275804  
Ion Ratio Lower Upper  
152 100  
150 159.8 122.7 184.1  
115 62.7 49.1 73.7



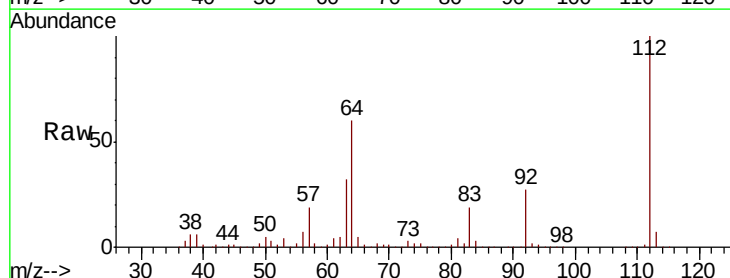
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



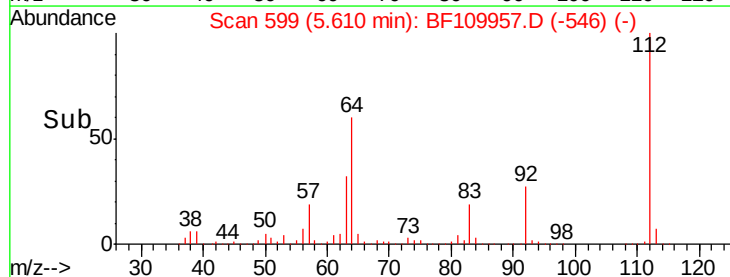
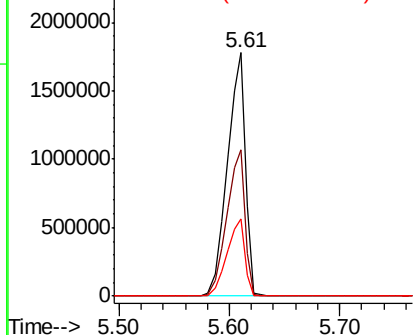
#5

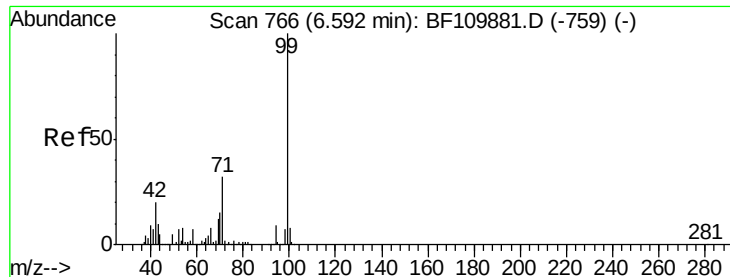
2-Fluorophenol  
Concen: 116.809 ng  
RT: 5.61 min Scan# 599  
Delta R.T. 0.01 min  
Lab File: BF109957.D  
Acq: 18 Oct 2018 13:24

Tgt Ion:112 Resp: 2032409  
Ion Ratio Lower Upper  
112 100  
64 59.9 44.1 66.1  
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.804 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Instrument :

BNA\_F

ClientSampled :

RLF-SD-5

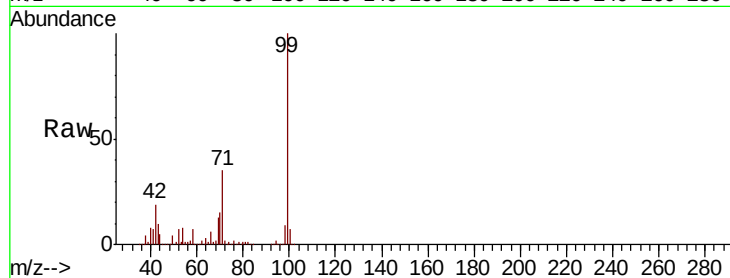
Tot Ion: 99 Resp: 2566813

Ion Ratio Lower Upper

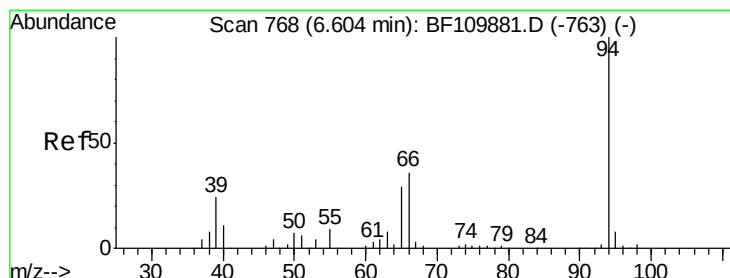
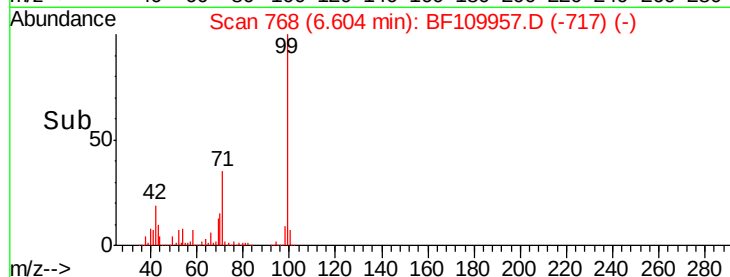
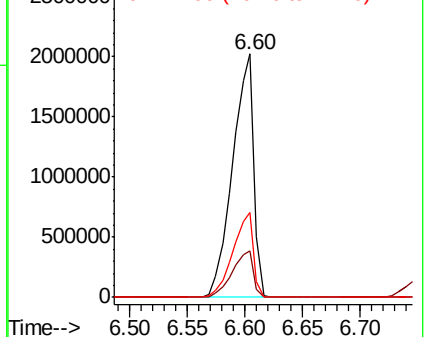
99 100

42 18.9 15.8 23.6

71 34.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.374 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

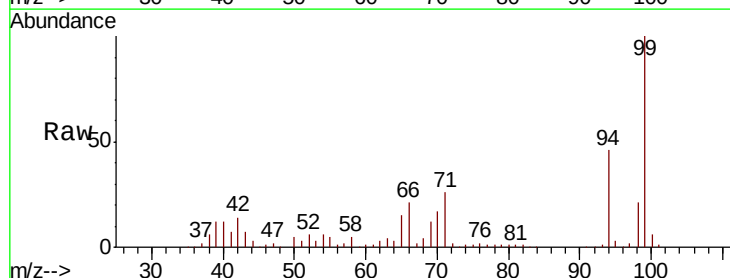
Tgt Ion: 94 Resp: 148677

Ion Ratio Lower Upper

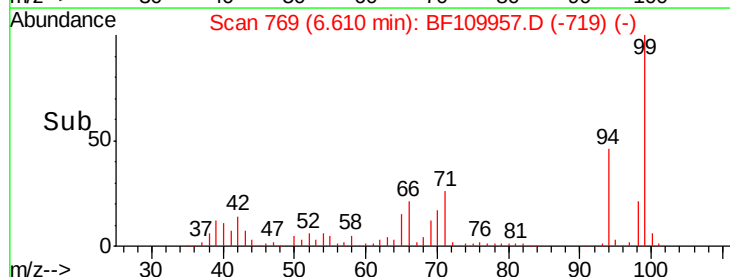
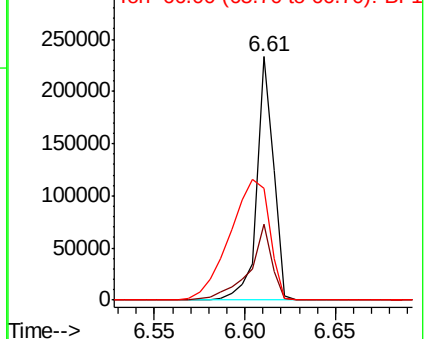
94 100

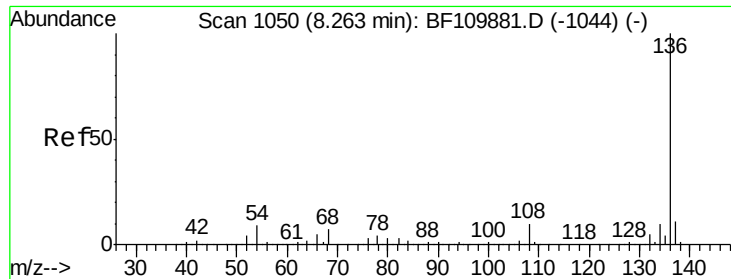
65 31.4 25.3 65.3

66 46.0 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

Instrument :

BNA\_F

ClientSampleId :

RLF-SD-5

Tot Ion:136 Resp: 1063654

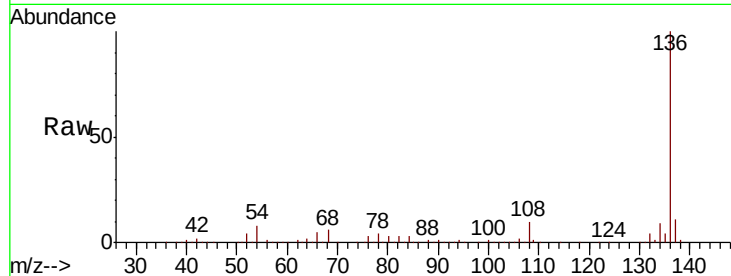
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.4 5.4 8.2#

68 6.2 4.2 6.2#

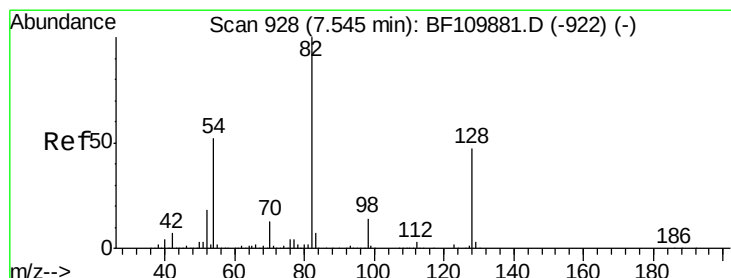
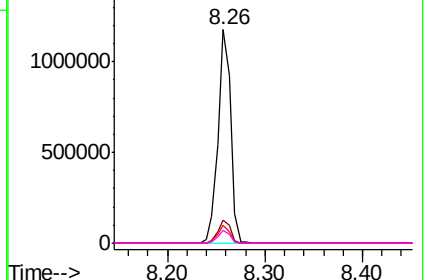
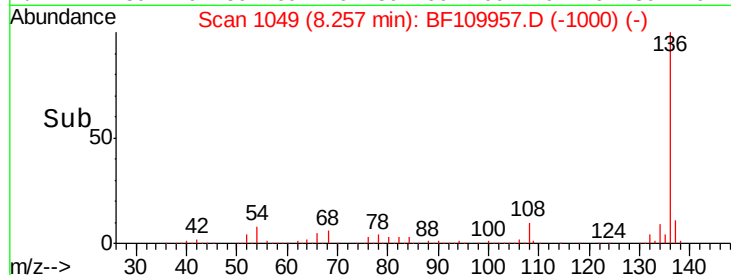


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 103.270 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109957.D

Acq: 18 Oct 2018 13:24

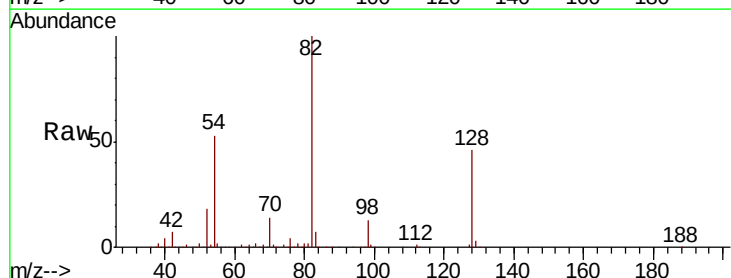
Tgt Ion: 82 Resp: 1630601

Ion Ratio Lower Upper

82 100

128 46.2 34.2 51.2

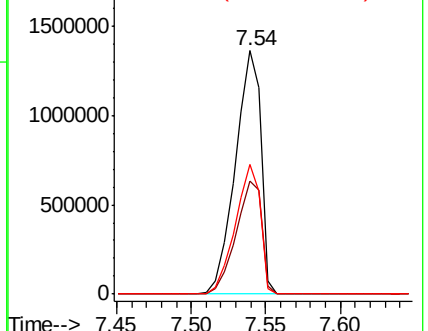
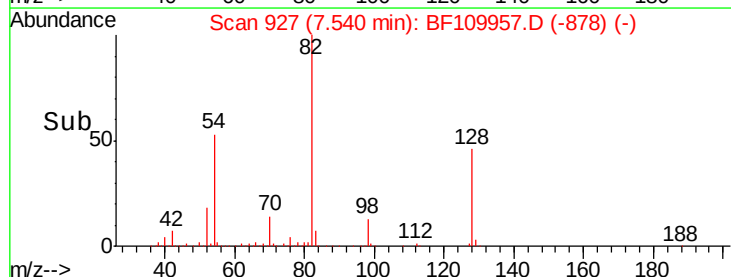
54 53.2 38.6 58.0

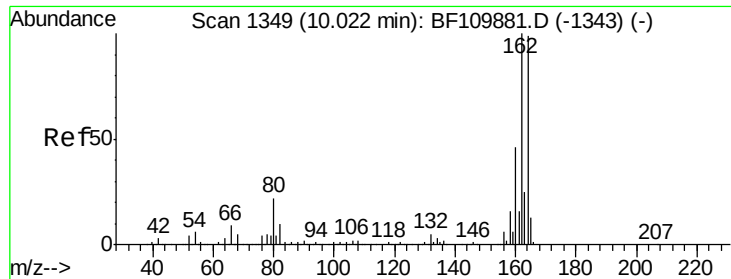


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

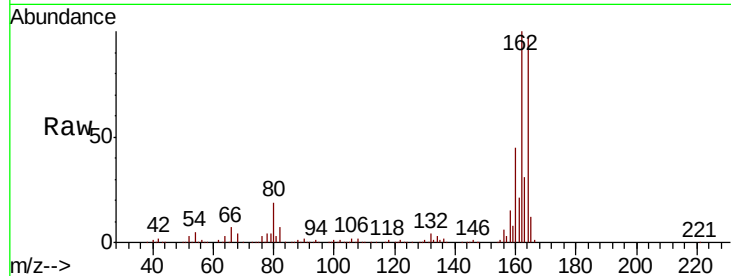




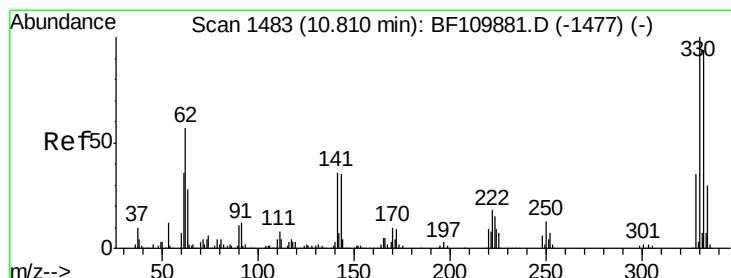
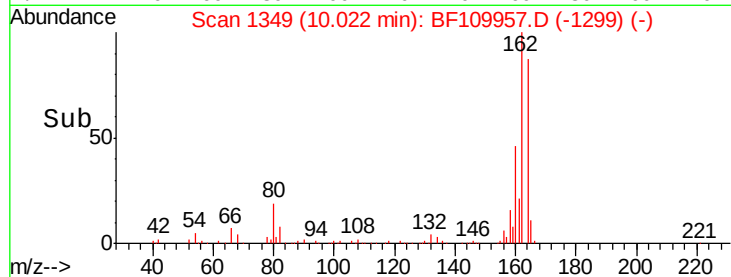
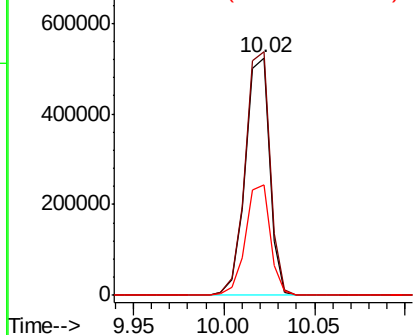
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.02 min Scan# 1349  
 Delta R.T. -0.01 min  
 Lab File: BF109957.D  
 Acq: 18 Oct 2018 13:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RLF-SD-5

Tot Ion:164 Resp: 489945  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 83.0 124.6  
 160 46.4 37.0 55.6

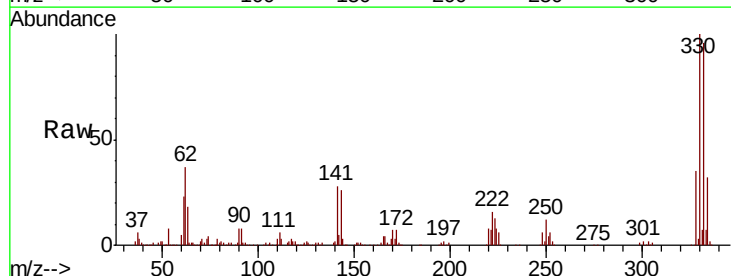


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

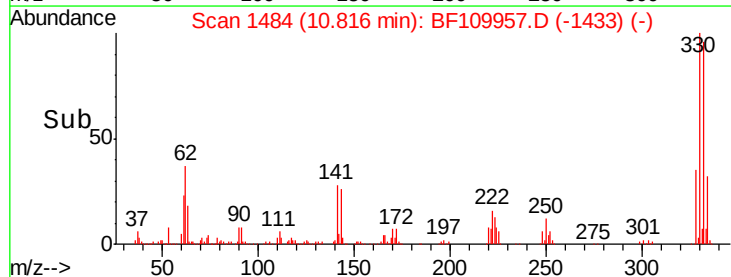
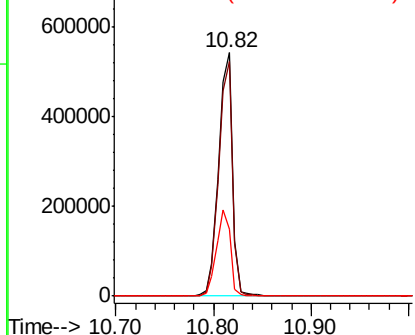


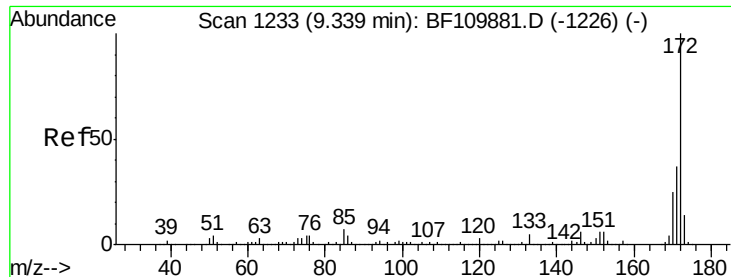
#42  
 2,4,6-Tribromophenol  
 Concen: 126.865 ng  
 RT: 10.82 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: BF109957.D  
 Acq: 18 Oct 2018 13:24

Tgt Ion:330 Resp: 538137  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 77.1 115.7  
 141 35.8 27.0 40.4



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



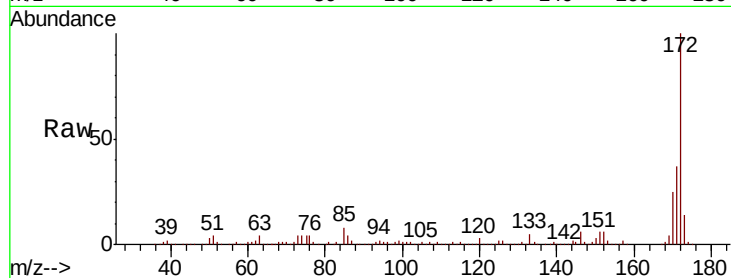


#45  
 2-Fluorobiphenyl  
 Concen: 72.875 ng  
 RT: 9.33 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: BF109957.D  
 Acq: 18 Oct 2018 13:24

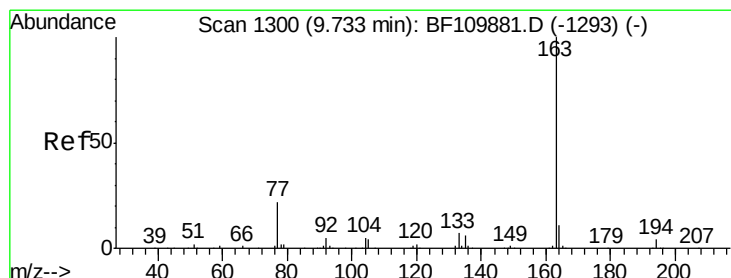
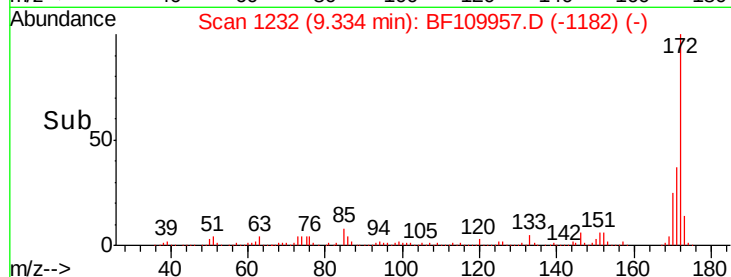
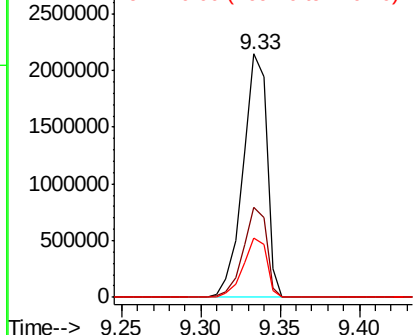
Instrument :  
 BNA\_F  
 ClientSampled :  
 RLF-SD-5

Tot Ion:172 Resp: 2237635  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.1  | 28.6  | 43.0  |
| 170 | 24.5  | 19.7  | 29.5  |



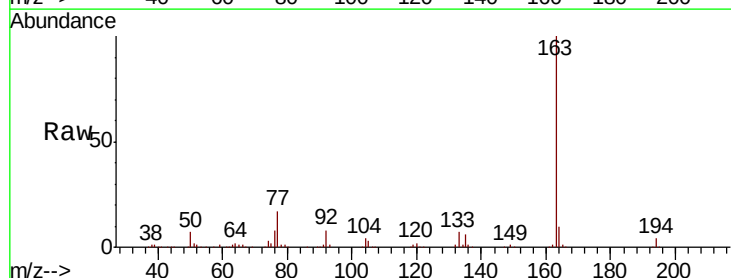
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



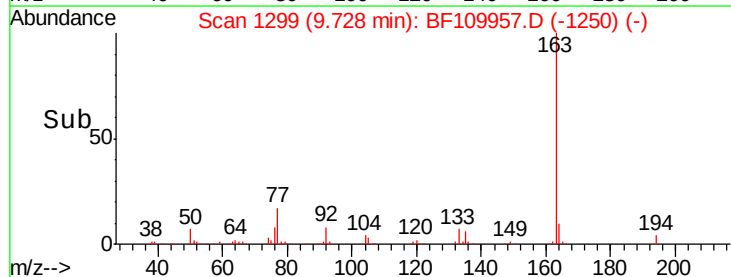
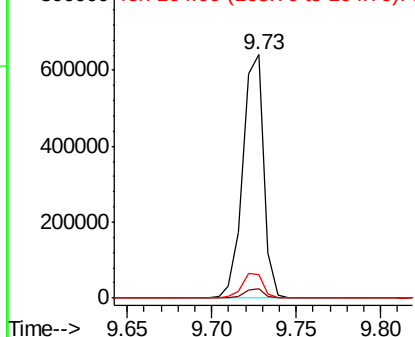
#50  
 Dimethylphthalate  
 Concen: 15.993 ng  
 RT: 9.73 min Scan# 1299  
 Delta R.T. -0.01 min  
 Lab File: BF109957.D  
 Acq: 18 Oct 2018 13:24

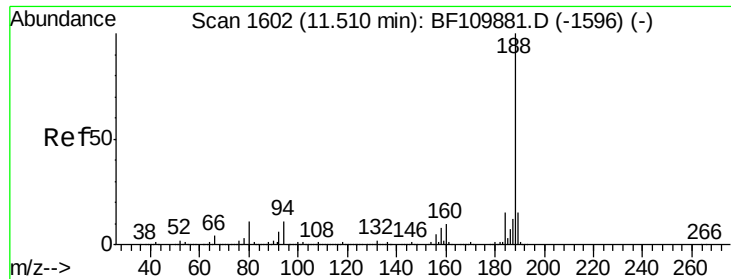
Tgt Ion:163 Resp: 554846  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.7   | 3.2   | 4.8   |
| 164 | 9.5   | 8.1   | 12.1  |



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

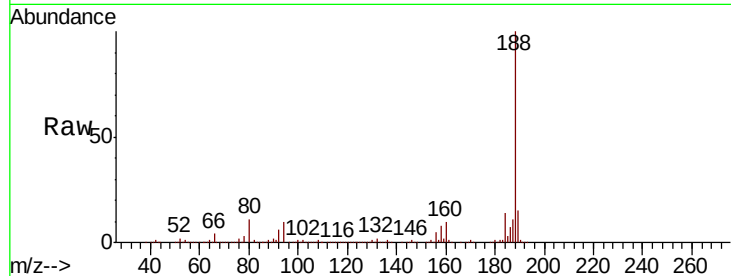




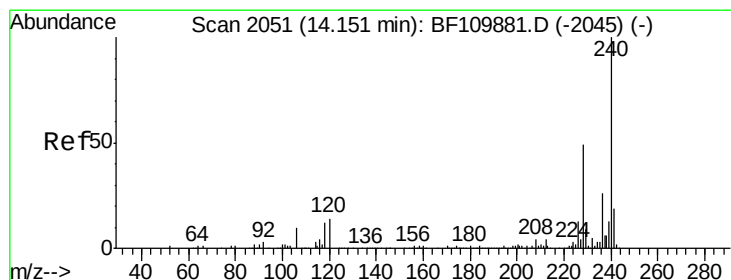
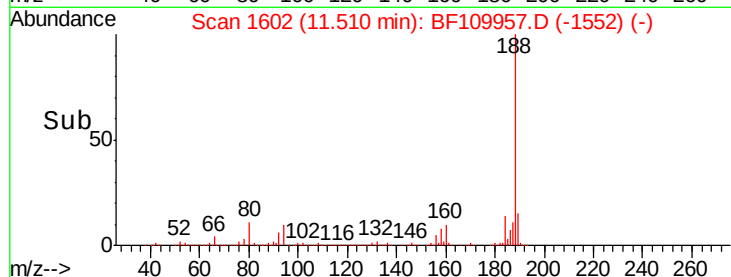
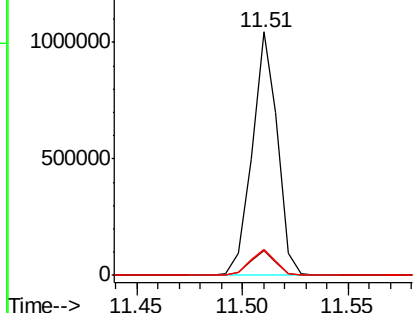
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.51 min Scan# 1602  
Delta R.T. -0.01 min  
Lab File: BF109957.D  
Acq: 18 Oct 2018 13:24

Instrument :  
BNA\_F  
ClientSampled :  
RLF-SD-5

Tot Ion:188 Resp: 865029  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.2 10.8  
80 10.9 7.9 11.9

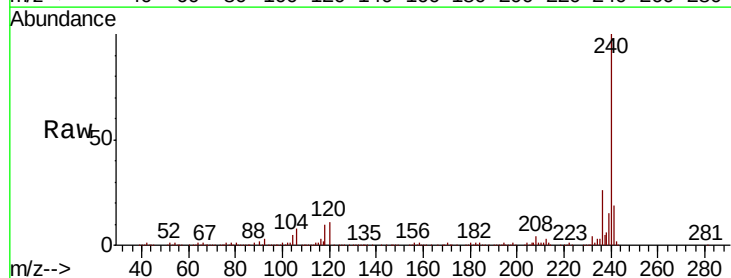


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

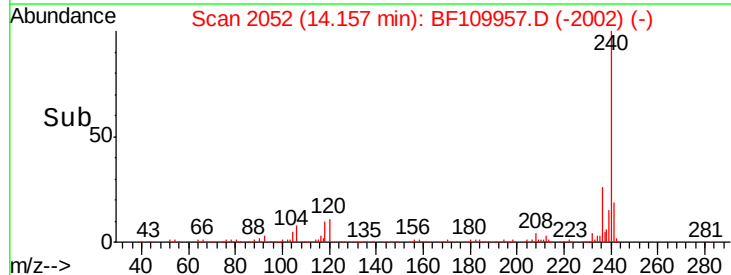
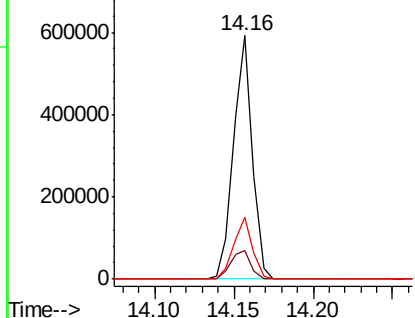


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.16 min Scan# 2052  
Delta R.T. -0.01 min  
Lab File: BF109957.D  
Acq: 18 Oct 2018 13:24

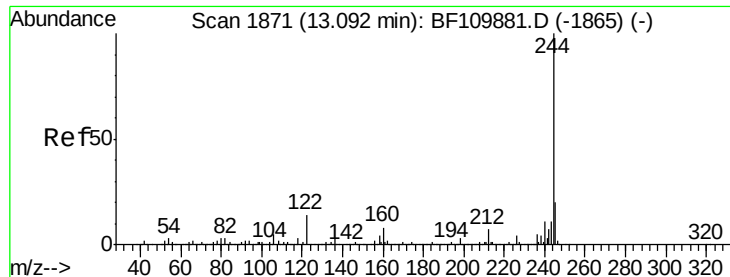
Tgt Ion:240 Resp: 486424  
Ion Ratio Lower Upper  
240 100  
120 11.5 8.3 12.5  
236 25.5 21.2 31.8



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





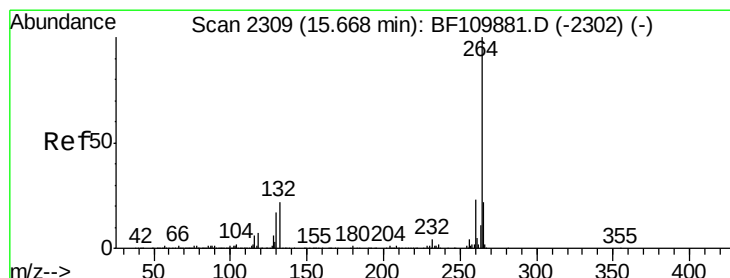
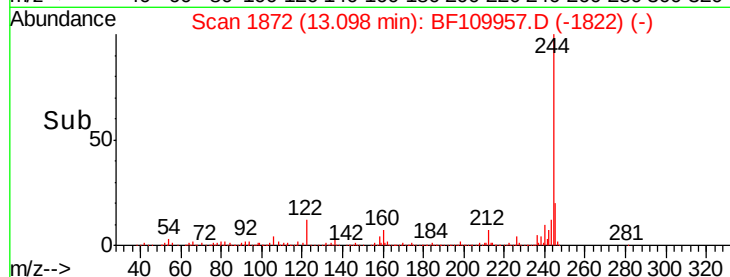
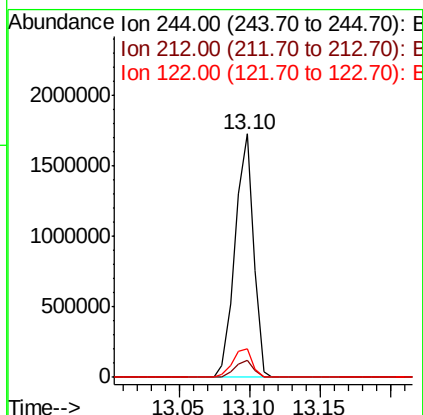
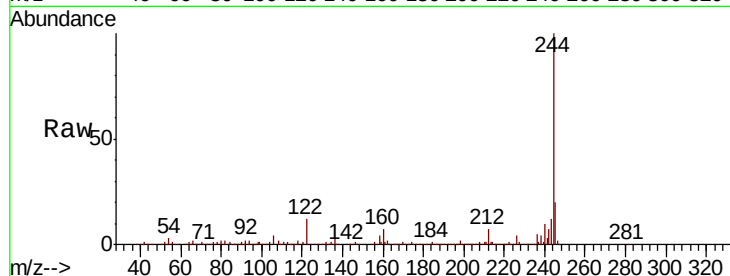


#79  
 Terphenyl-d14  
 Concen: 67.831 ng  
 RT: 13.10 min Scan# 1872  
 Delta R.T. -0.01 min  
 Lab File: BF109957.D  
 Acq: 18 Oct 2018 13:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RLF-SD-5

Tot Ion:244 Resp: 1571233  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.8   | 8.8   |
| 122 | 11.7  | 8.7   | 13.1  |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2312  
 Delta R.T. -0.01 min  
 Lab File: BF109957.D  
 Acq: 18 Oct 2018 13:24

Tgt Ion:264 Resp: 494836  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 18.7  | 28.1  |
| 265 | 21.6  | 16.7  | 25.1  |

