

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\  
 Data File : BF110726.D  
 Acq On : 13 Nov 2018 18:31  
 Operator : JU/SJ  
 Sample : J5909-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-17-S

Quant Time: Nov 14 04:37:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

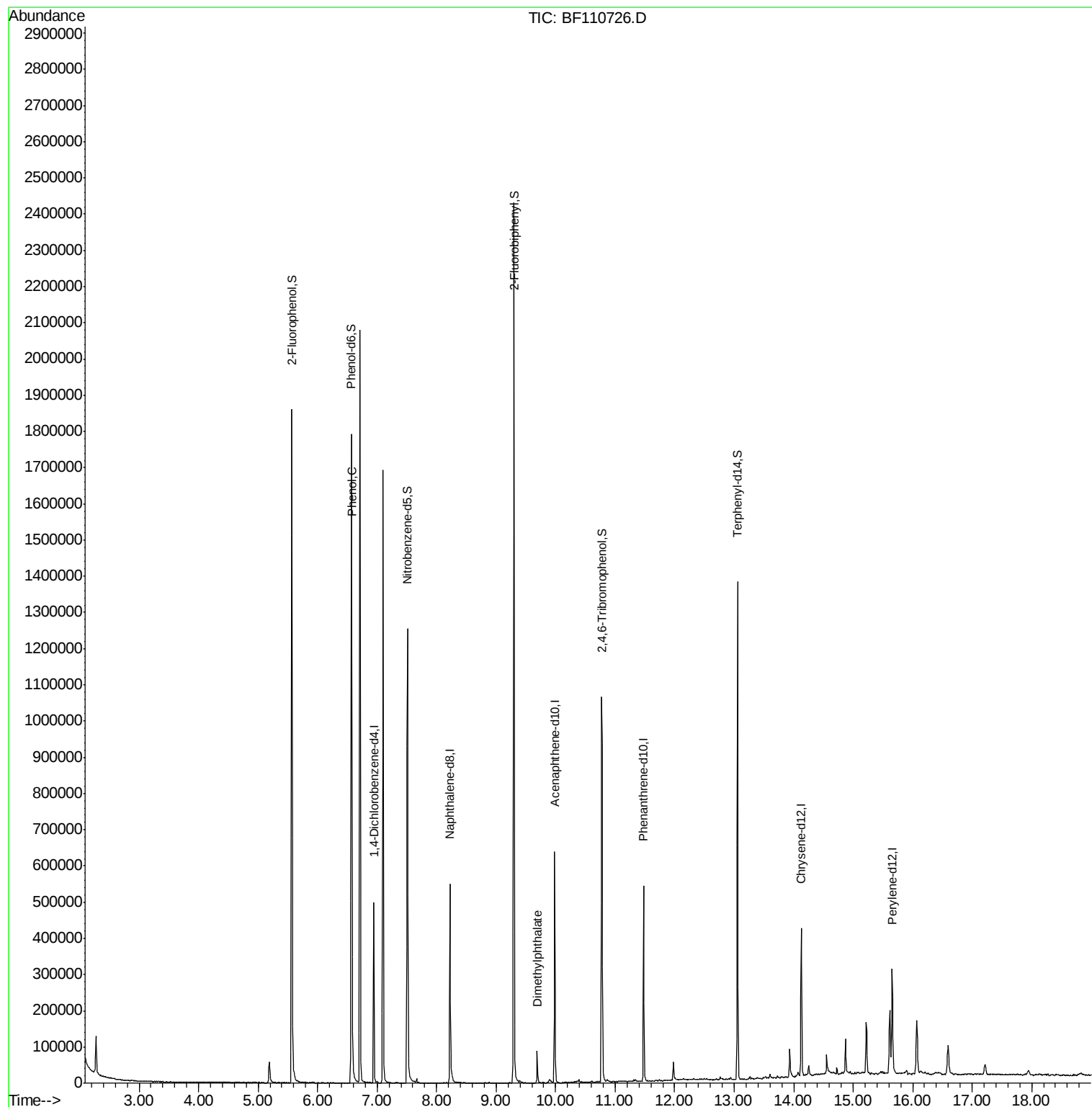
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 76720    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.23  | 136  | 314094   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.99  | 164  | 137898   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.48 | 188  | 214944   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.13 | 240  | 147028   | 20.00  | ng    | -0.01       |
| 87) Perylene-d12            | 15.66 | 264  | 141958   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.57  | 112  | 530463   | 112.31 | ng    | 0.00        |
| 7) Phenol-d6                | 6.57  | 99   | 672030   | 111.27 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 427819   | 78.44  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.78 | 330  | 135231   | 97.32  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.30  | 172  | 717866   | 74.35  | ng    | 0.00        |
| 79) Terphenyl-d14           | 13.06 | 244  | 469348   | 59.78  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.58  | 94   | 32203    | 4.598  | ng    | Qvalue # 72 |
| 50) Dimethylphthalate       | 9.69  | 163  | 41408    | 4.024  | ng    | 99          |

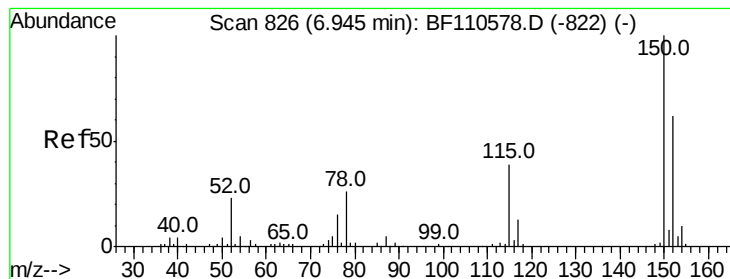
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\  
Data File : BF110726.D  
Acq On : 13 Nov 2018 18:31  
Operator : JU/SJ  
Sample : J5909-11  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-17-S

Quant Time: Nov 14 04:37:53 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 13 12:43:10 2018  
Response via : Initial Calibration



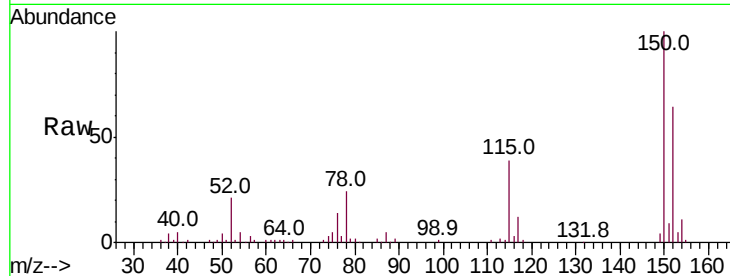


#1

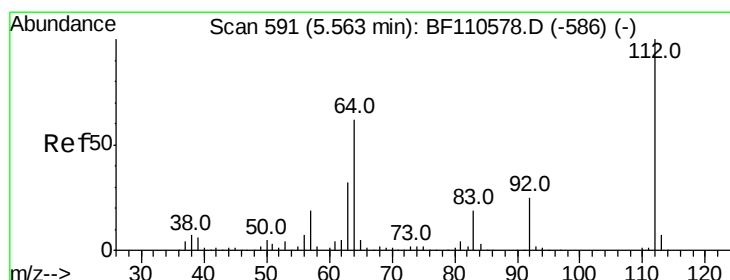
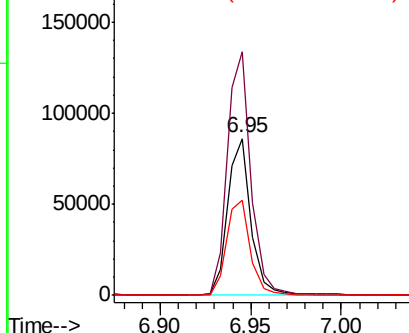
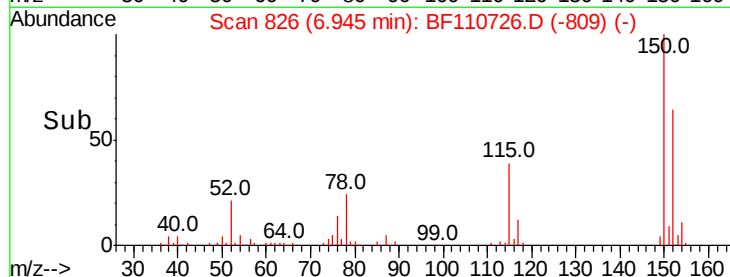
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.95 min Scan# 826  
 Delta R.T. -0.00 min  
 Lab File: BF110726.D  
 Acq: 13 Nov 2018 18:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-17-S

Tot Ion:152 Resp: 76720  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 122.7 184.1  
 115 60.8 49.1 73.7



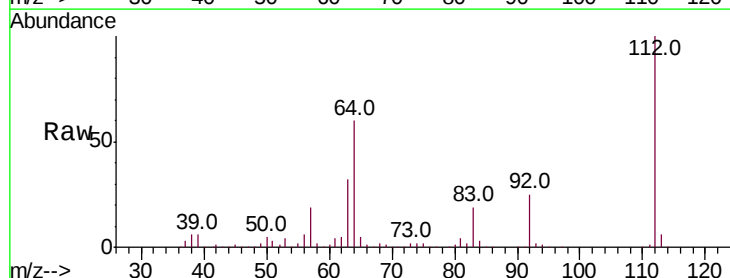
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



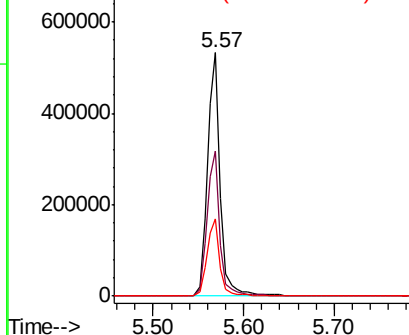
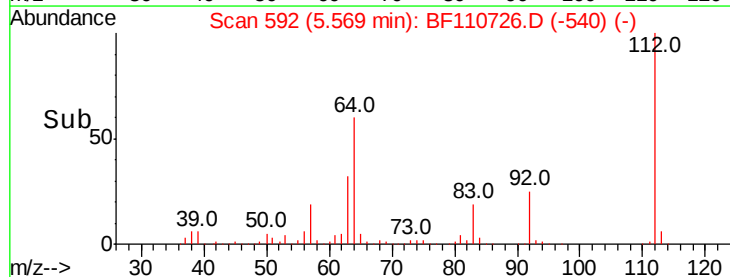
#5

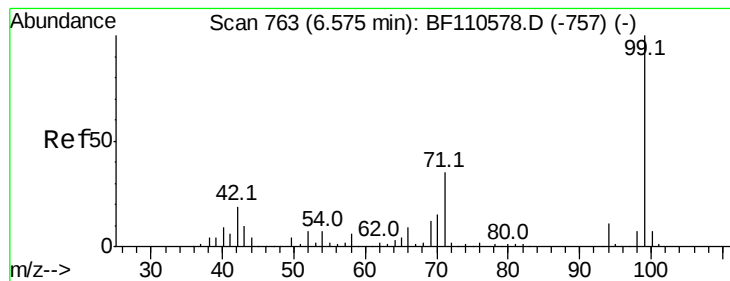
2-Fluorophenol  
 Concen: 112.310 ng  
 RT: 5.57 min Scan# 592  
 Delta R.T. 0.01 min  
 Lab File: BF110726.D  
 Acq: 13 Nov 2018 18:31

Tgt Ion:112 Resp: 530463  
 Ion Ratio Lower Upper  
 112 100  
 64 59.5 44.1 66.1  
 63 31.9 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: 111.266 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110726.D

Acq: 13 Nov 2018 18:31

Instrument :

BNA\_F

ClientSampleId :

SB-17-S

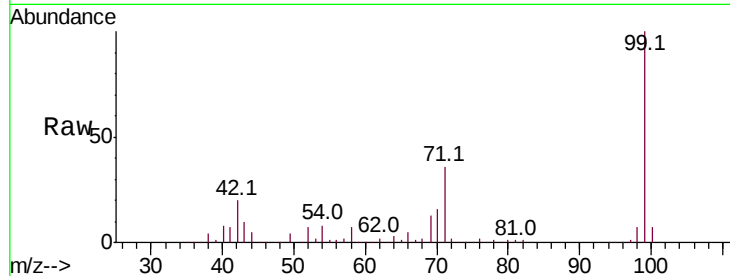
Tot Ion: 99 Resp: 672030

Ion Ratio Lower Upper

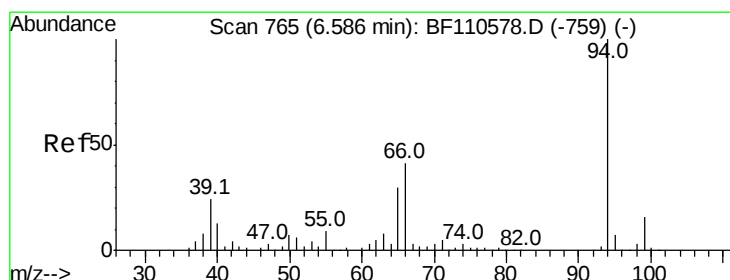
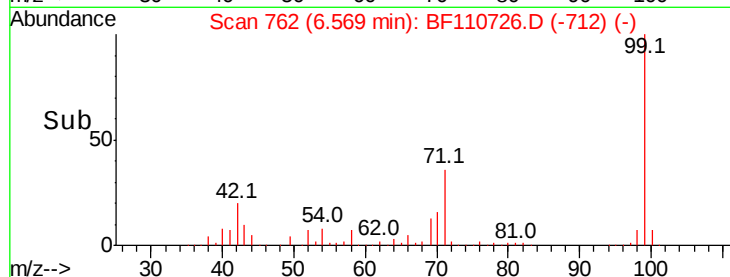
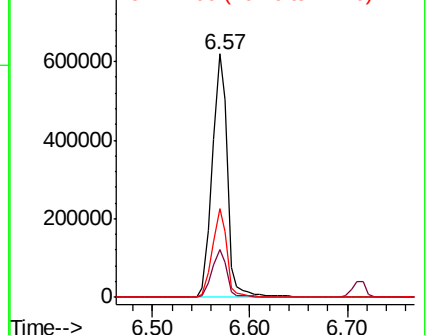
99 100

42 19.9 15.8 23.6

71 36.3 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: 4.598 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110726.D

Acq: 13 Nov 2018 18:31

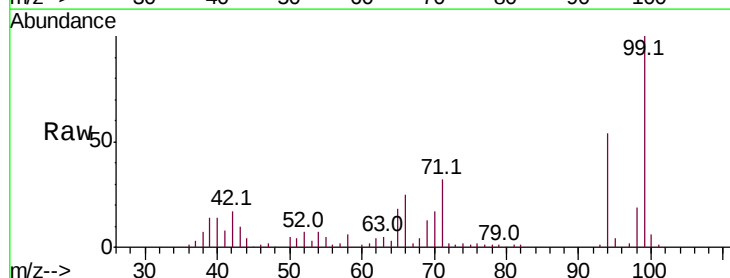
Tgt Ion: 94 Resp: 32203

Ion Ratio Lower Upper

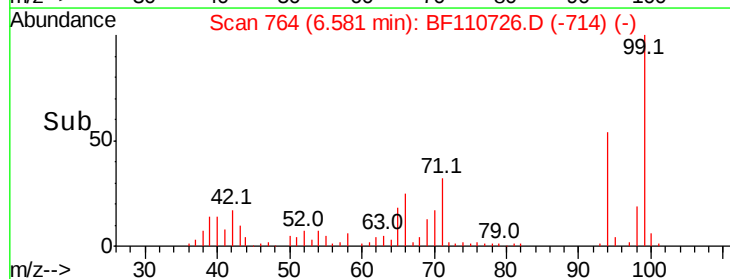
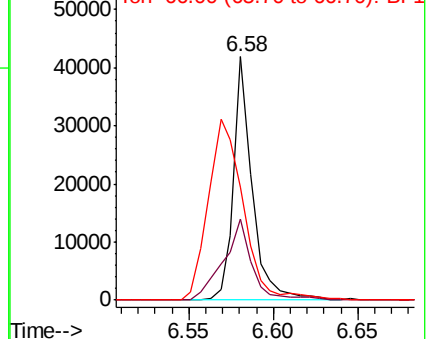
94 100

65 33.5 25.3 65.3

66 46.2 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

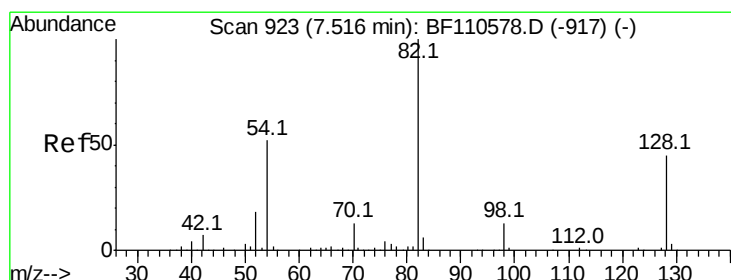
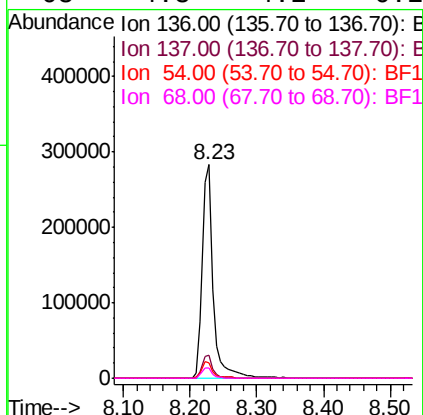
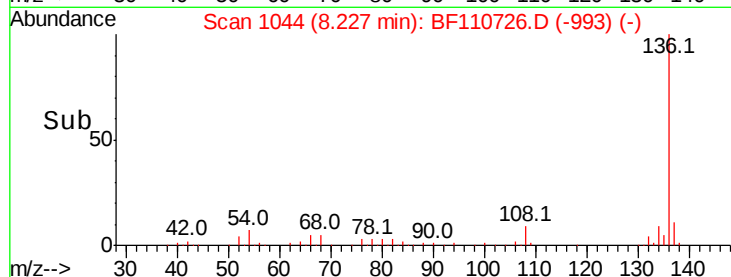
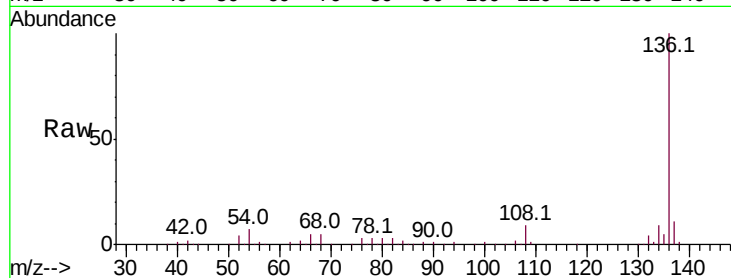




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. -0.00 min  
Lab File: BF110726.D  
Acq: 13 Nov 2018 18:31

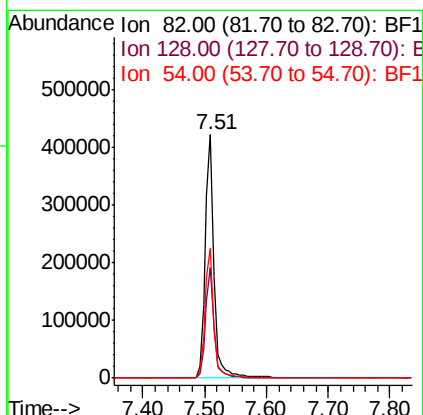
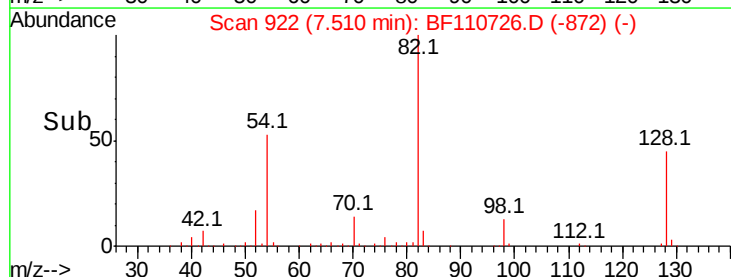
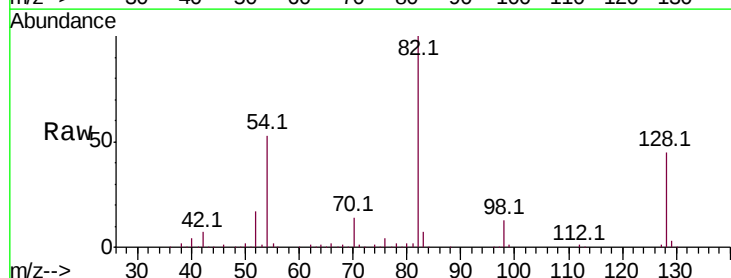
Instrument :  
BNA\_F  
ClientSampleId :  
SB-17-S

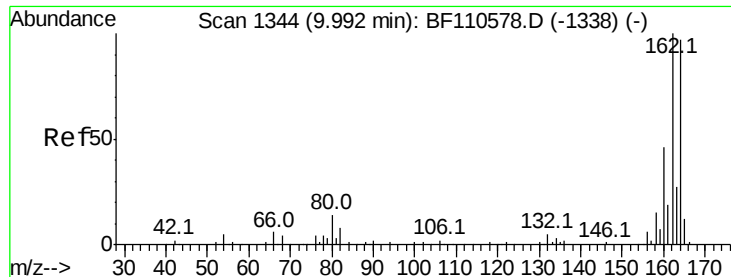
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 314094 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.8   | 13.2   |
| 54       | 7.4   | 5.4   | 8.2    |
| 68       | 4.8   | 4.2   | 6.2    |



#23  
Nitrobenzene-d5  
Concen: 78.441 ng  
RT: 7.51 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BF110726.D  
Acq: 13 Nov 2018 18:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 427819 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.2  | 34.2  | 51.2   |
| 54       | 53.4  | 38.6  | 58.0   |

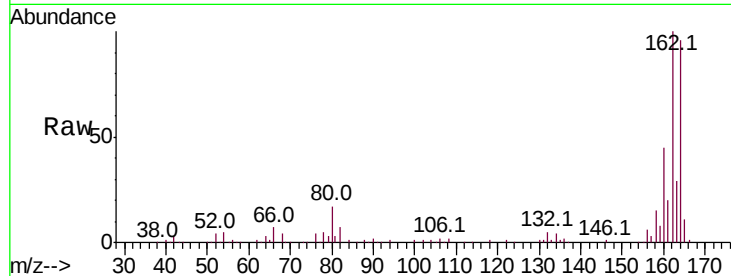




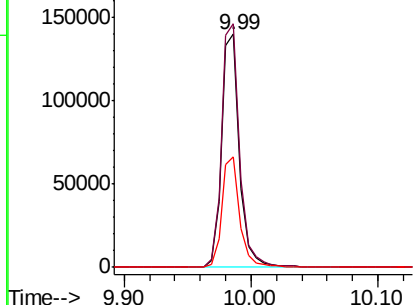
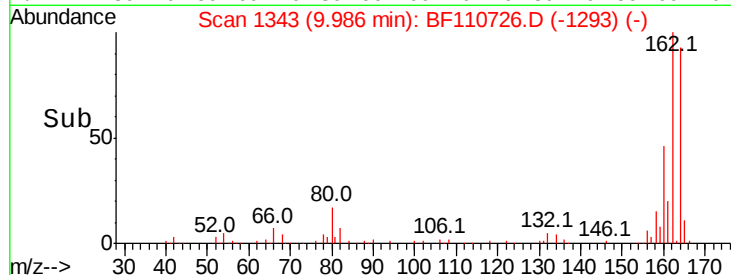
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.99 min Scan# 1343  
 Delta R.T. -0.01 min  
 Lab File: BF110726.D  
 Acq: 13 Nov 2018 18:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-17-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.3 | 83.0  | 124.6 |
| 160     | 47.4  | 37.0  | 55.6  |

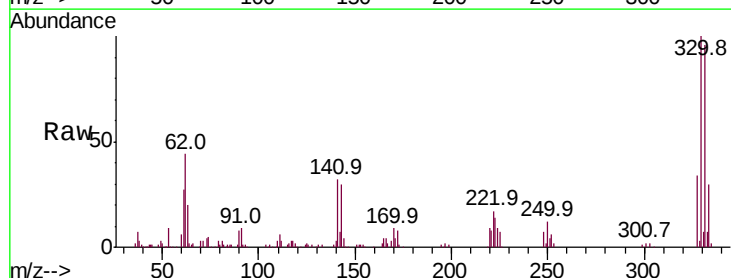


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

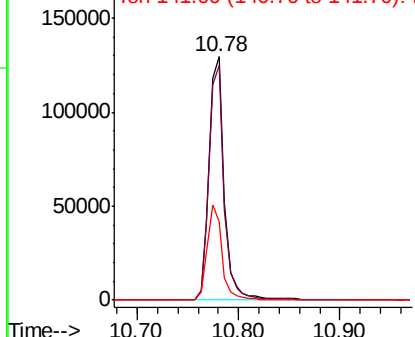
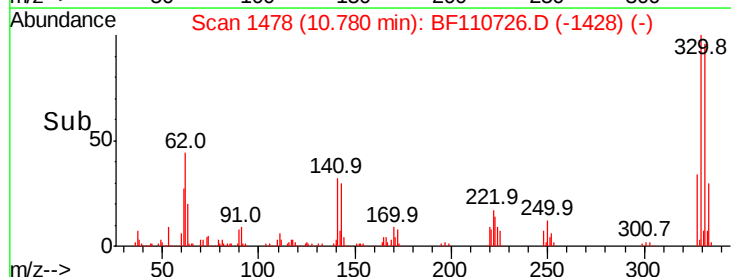


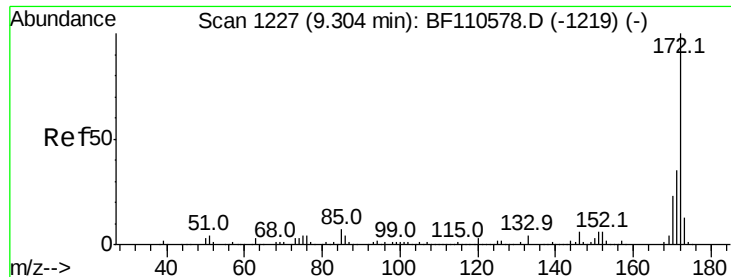
#42  
 2,4,6-Tribromophenol  
 Concen: 97.324 ng  
 RT: 10.78 min Scan# 1478  
 Delta R.T. -0.01 min  
 Lab File: BF110726.D  
 Acq: 13 Nov 2018 18:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.1  | 115.7 |
| 141     | 37.7  | 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

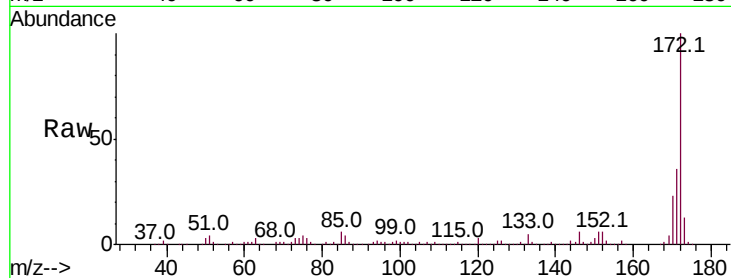




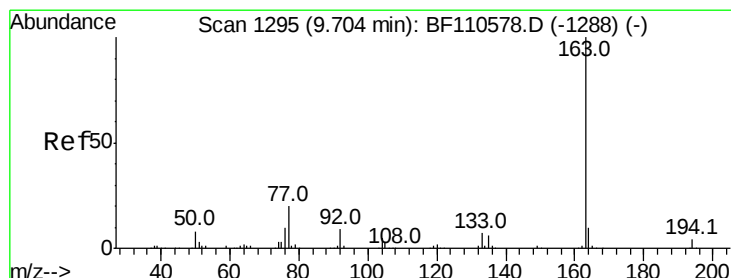
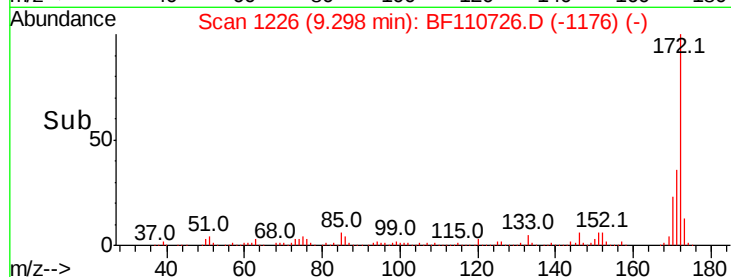
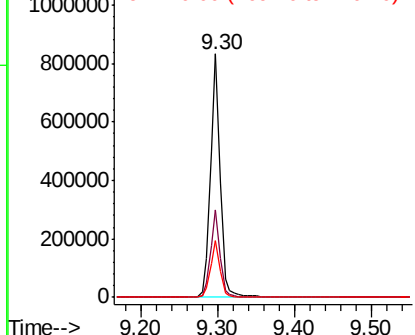
#45  
 2-Fluorobiphenyl  
 Concen: 74.348 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BF110726.D  
 Acq: 13 Nov 2018 18:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-17-S

Tot Ion:172 Resp: 717866  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.6 43.0  
 170 23.1 19.7 29.5

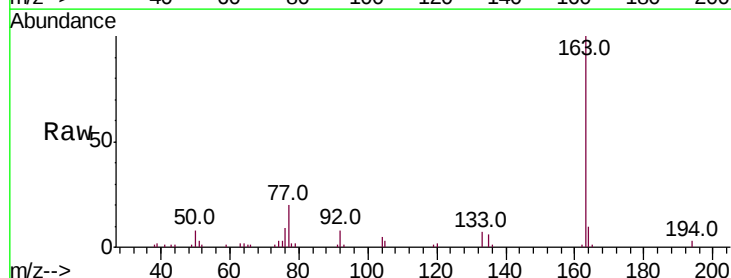


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

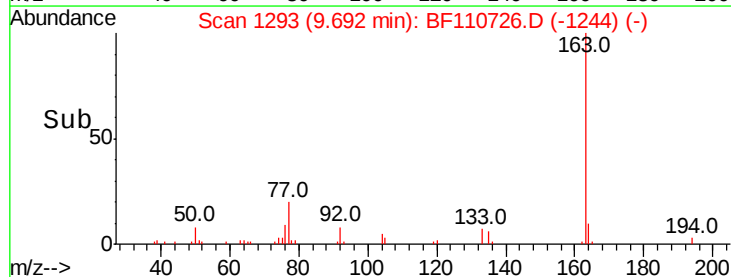
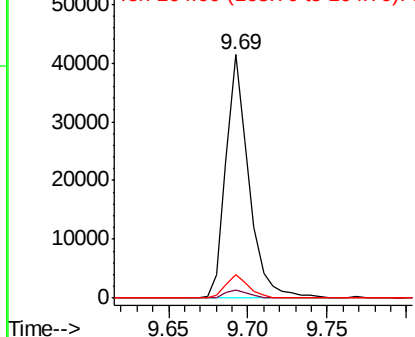


#50  
 Dimethylphthalate  
 Concen: 4.024 ng  
 RT: 9.69 min Scan# 1293  
 Delta R.T. -0.01 min  
 Lab File: BF110726.D  
 Acq: 13 Nov 2018 18:31

Tgt Ion:163 Resp: 41408  
 Ion Ratio Lower Upper  
 163 100  
 194 3.3 3.2 4.8  
 164 9.8 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

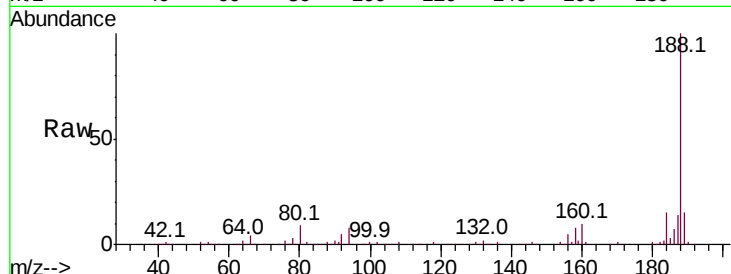




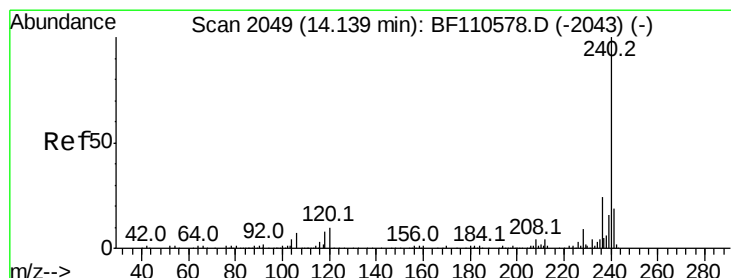
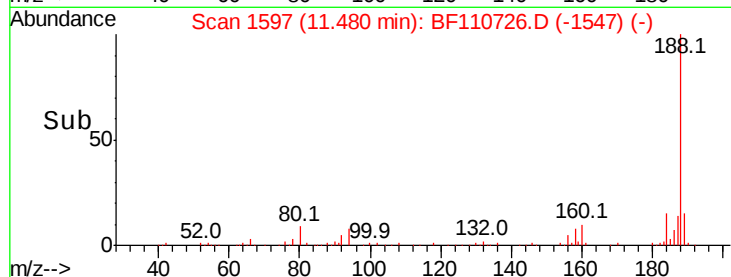
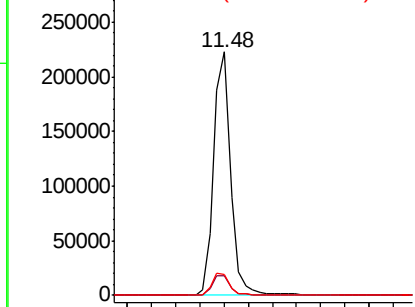
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: BF110726.D  
Acq: 13 Nov 2018 18:31

Instrument :  
BNA\_F  
ClientSampleId :  
SB-17-S

Tot Ion:188 Resp: 214944  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.2 10.8  
80 8.6 7.9 11.9

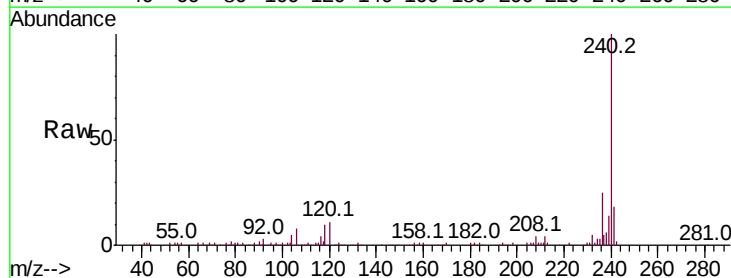


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

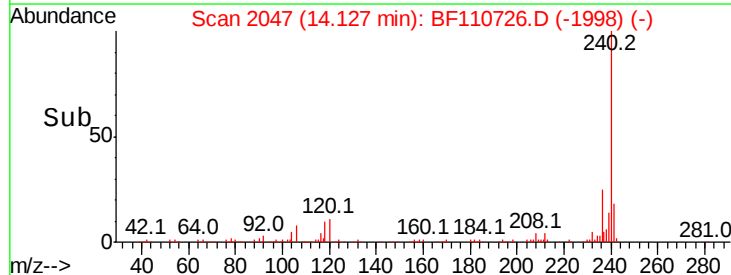
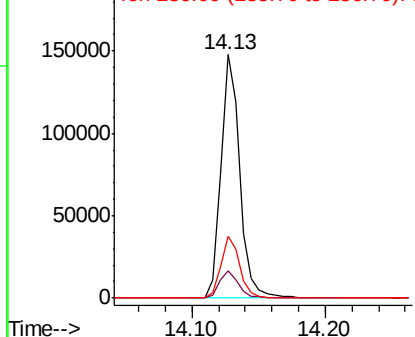


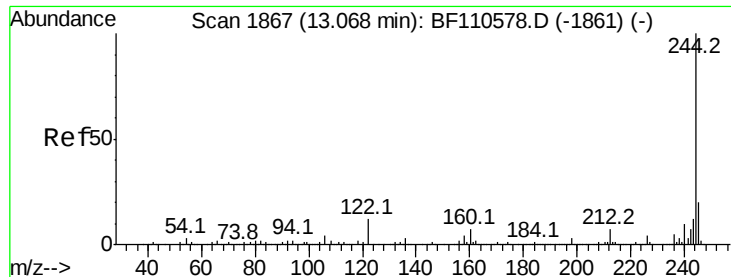
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2047  
Delta R.T. -0.01 min  
Lab File: BF110726.D  
Acq: 13 Nov 2018 18:31

Tgt Ion:240 Resp: 147028  
Ion Ratio Lower Upper  
240 100  
120 11.5 8.3 12.5  
236 25.4 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: 59.783 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110726.D

Acq: 13 Nov 2018 18:31

Instrument :

BNA\_F

ClientSampleId :

SB-17-S

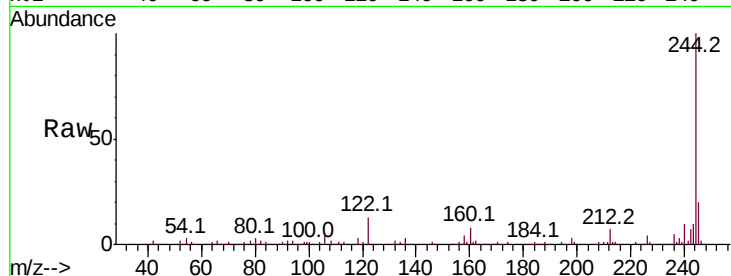
Tot Ion:244 Resp: 469348

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

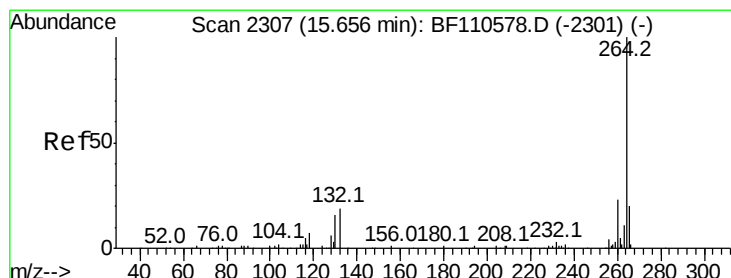
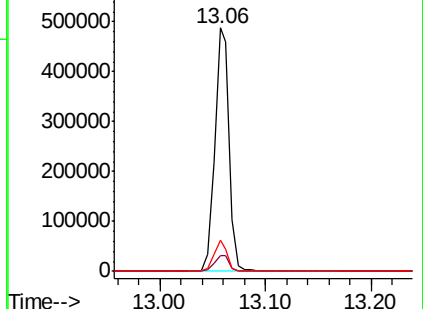
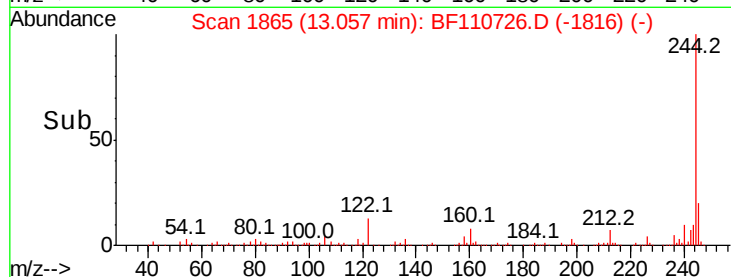
122 12.7 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BF110726.D

Acq: 13 Nov 2018 18:31

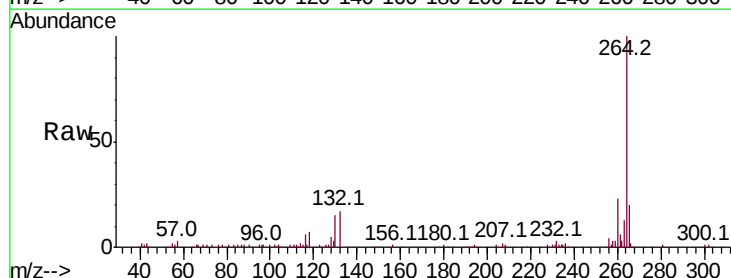
Tgt Ion:264 Resp: 141958

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 20.4 16.7 25.1



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

