

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\  
 Data File : BF111960.D  
 Acq On : 9 Jan 2019 20:10  
 Operator : JU/SJ  
 Sample : K1075-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BASIN-3

Quant Time: Jan 10 03:06:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 07 14:33:51 2019  
 Response via : Initial Calibration

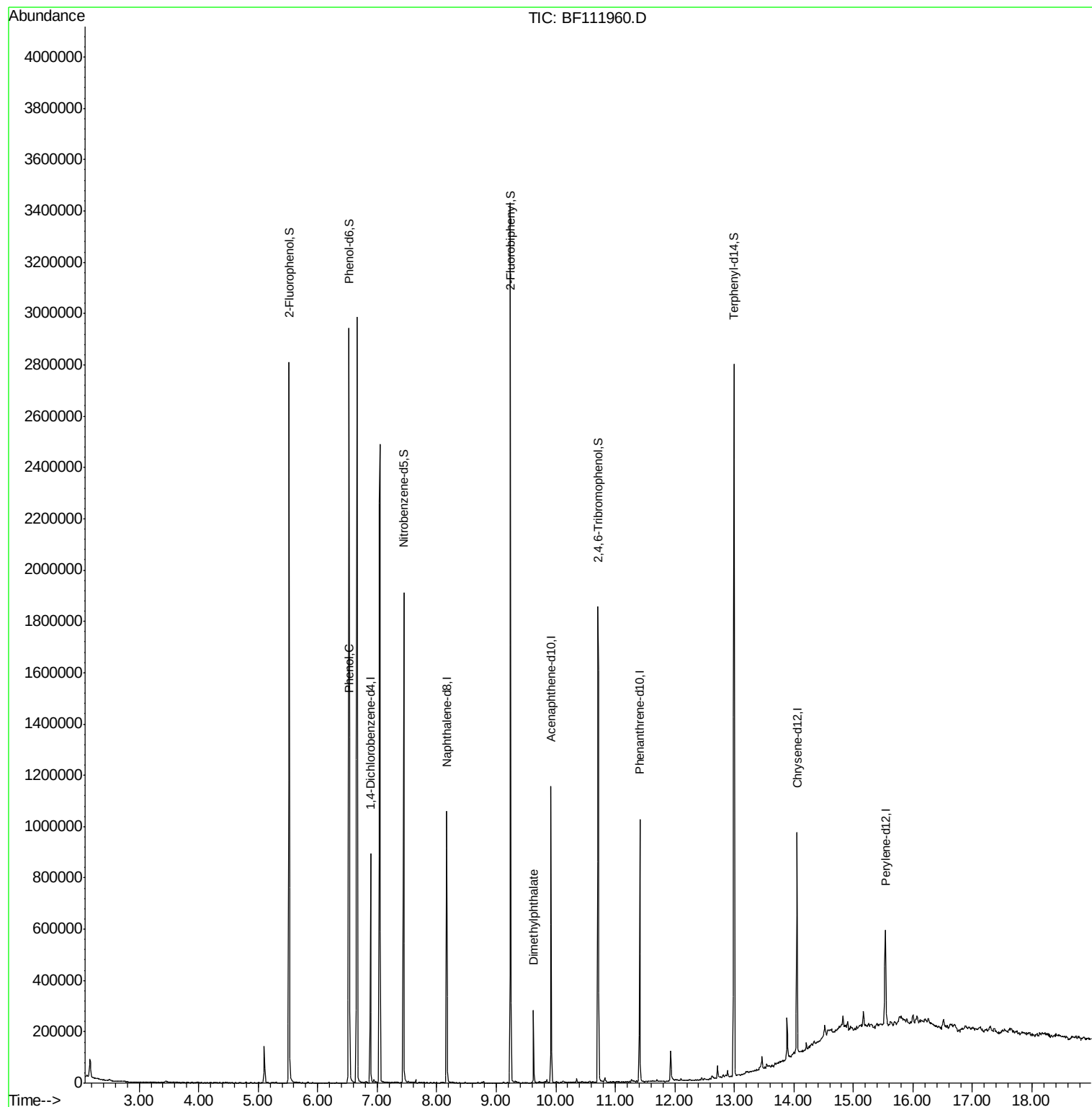
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 133824   | 20.00 | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.17  | 136  | 475364   | 20.00 | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.92  | 164  | 210132   | 20.00 | ng    | -0.01       |
| 64) Phenanthrene-d10        | 11.41 | 188  | 365065   | 20.00 | ng    | 0.00        |
| 76) Chrysene-d12            | 14.05 | 240  | 276577   | 20.00 | ng    | 0.00        |
| 87) Perylene-d12            | 15.54 | 264  | 191993   | 20.00 | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |       |       |             |
| 5) 2-Fluorophenol           | 5.52  | 112  | 751943   | 96.13 | ng    | 0.00        |
| 7) Phenol-d6                | 6.53  | 99   | 959965   | 95.22 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 598203   | 67.26 | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330  | 237359   | 86.84 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.24  | 172  | 1057447  | 73.38 | ng    | -0.01       |
| 79) Terphenyl-d14           | 12.99 | 244  | 971015   | 66.64 | ng    | 0.00        |
| Target Compounds            |       |      |          |       |       |             |
| 10) Phenol                  | 6.54  | 94   | 43016    | 3.926 | ng    | Qvalue # 73 |
| 50) Dimethylphthalate       | 9.63  | 163  | 102855   | 6.516 | ng    | 98          |

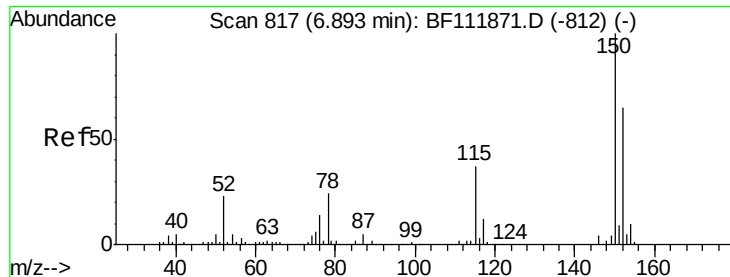
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\  
Data File : BF111960.D  
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Operator : JU/SJ  
Sample : K1075-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BASIN-3

Quant Time: Jan 10 03:06:04 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 07 14:33:51 2019  
Response via : Initial Calibration



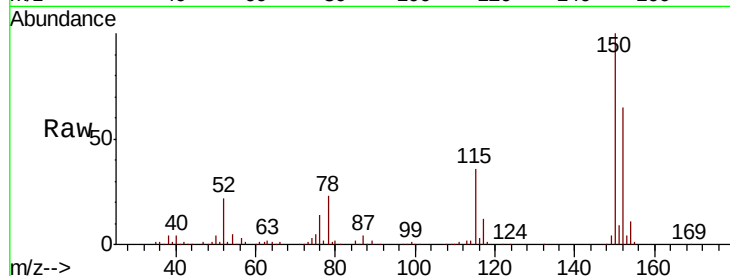


#1

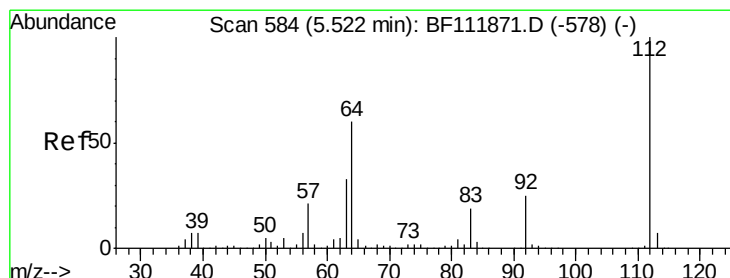
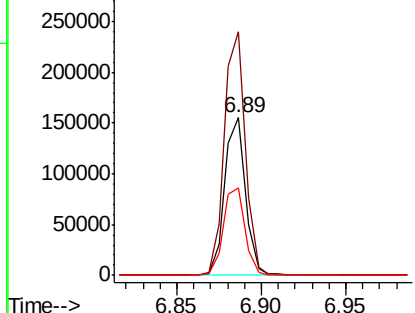
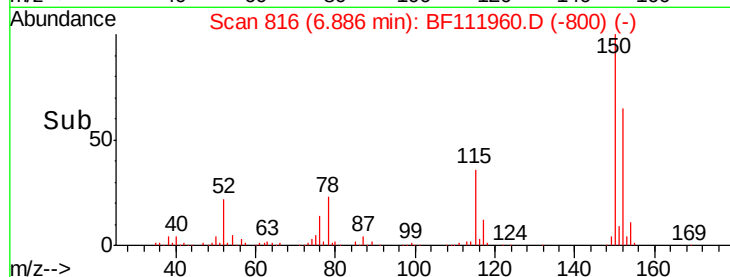
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Instrument :  
BNA\_F  
ClientSampleId :  
BASIN-3

Tot Ion:152 Resp: 133824  
Ion Ratio Lower Upper  
152 100  
150 154.6 122.7 184.1  
115 55.9 45.2 67.8



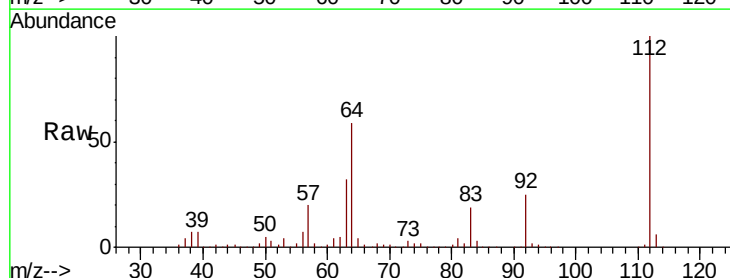
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



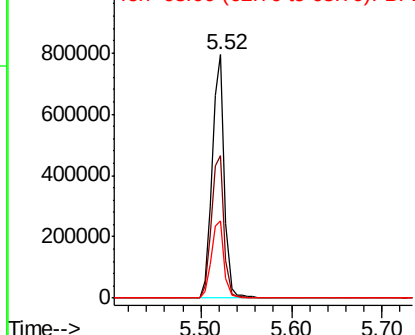
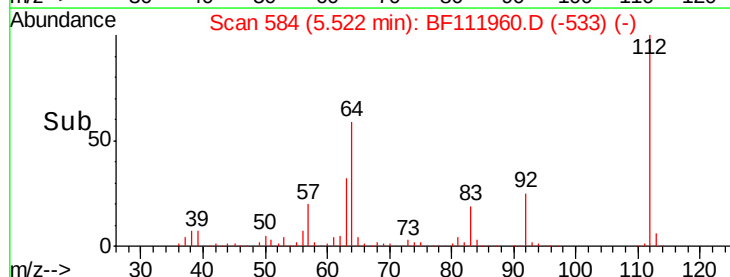
#5

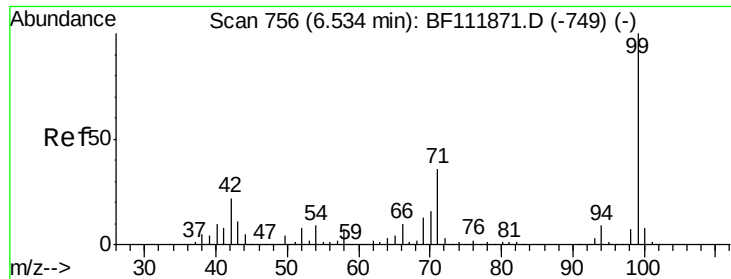
2-Fluorophenol  
Concen: 96.129 ng  
RT: 5.52 min Scan# 584  
Delta R.T. -0.00 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Tgt Ion:112 Resp: 751943  
Ion Ratio Lower Upper  
112 100  
64 58.6 48.3 72.5  
63 31.8 26.1 39.1



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: 95.216 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

Instrument :

BNA\_F

ClientSampleId :

BASIN-3

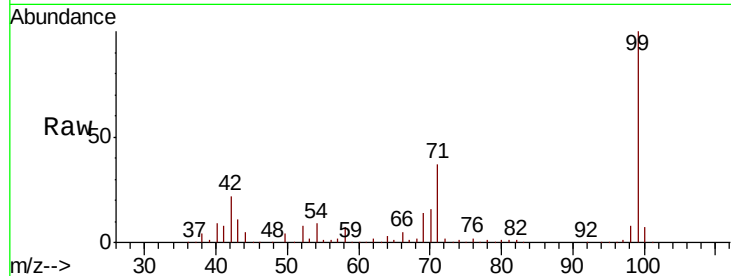
Tot Ion: 99 Resp: 959965

Ion Ratio Lower Upper

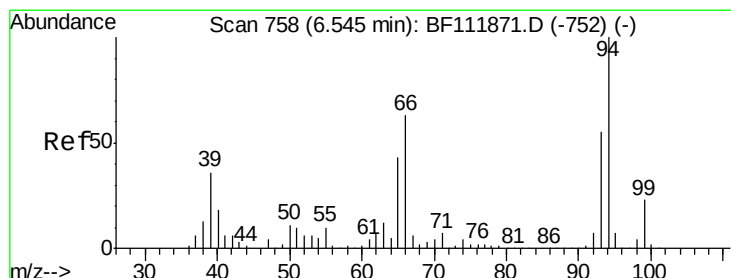
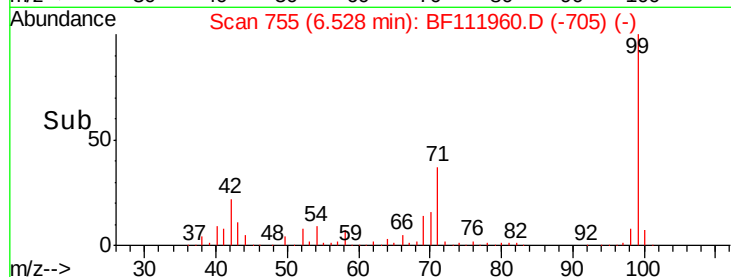
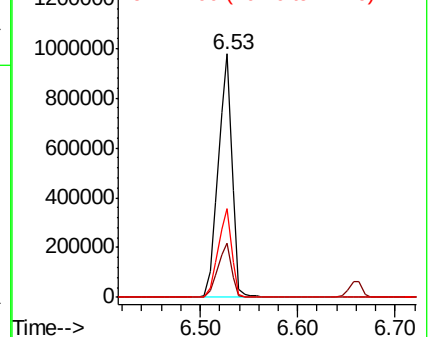
99 100

42 22.3 17.9 26.9

71 36.6 28.7 43.1



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: 3.926 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

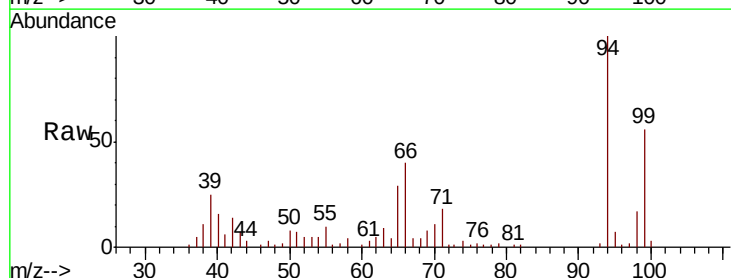
Tgt Ion: 94 Resp: 43016

Ion Ratio Lower Upper

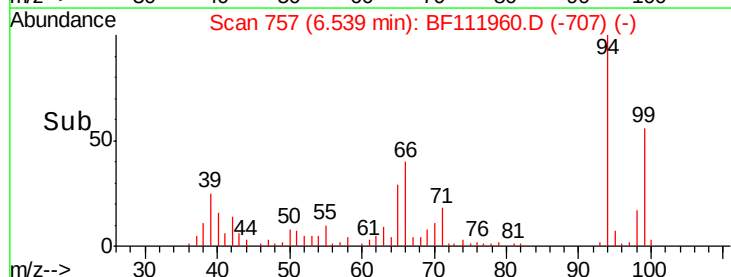
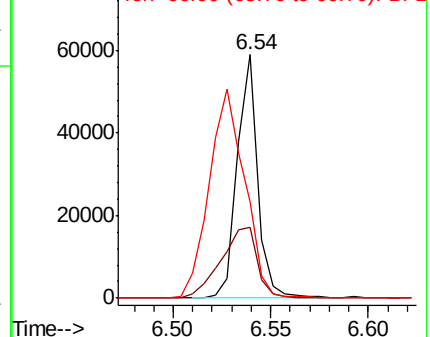
94 100

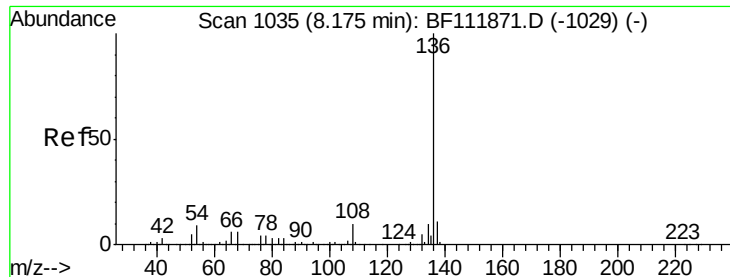
65 29.0 22.8 62.8

66 39.7 43.3 83.3#



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

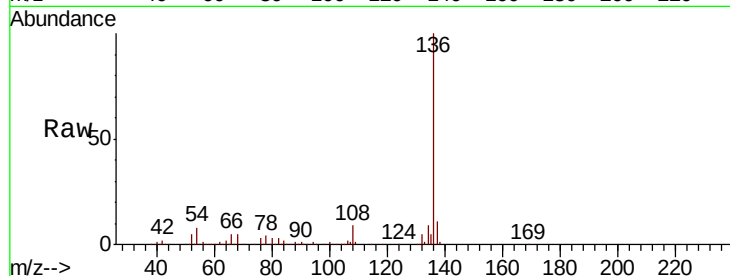




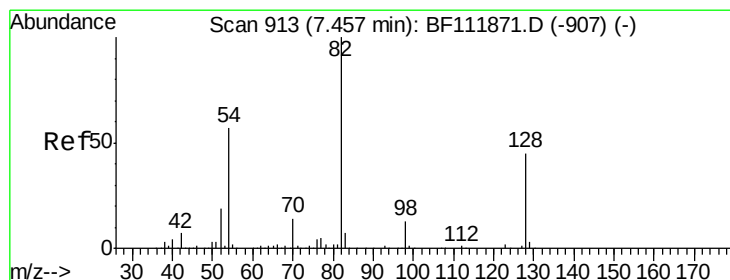
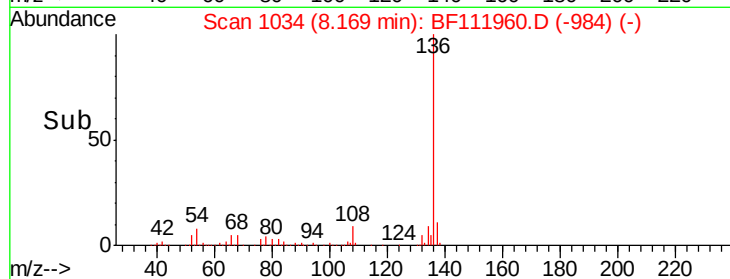
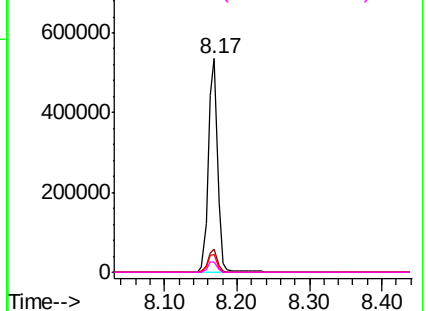
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Instrument :  
BNA\_F  
ClientSampleId :  
BASIN-3

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 475364      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.6  | 9.1 13.7    |
| 54          | 8.2   | 7.2 10.8    |
| 68          | 4.6   | 4.4 6.6     |

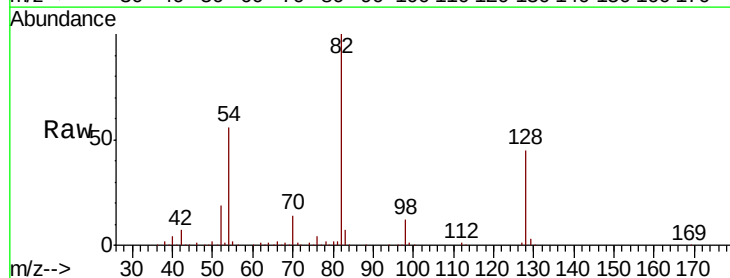


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

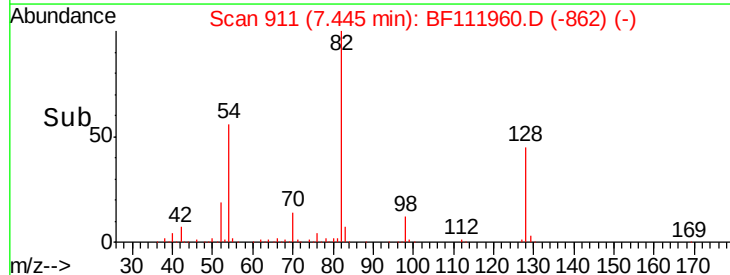
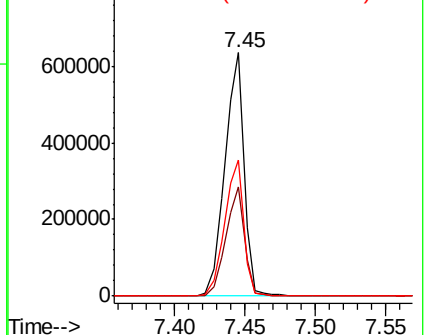


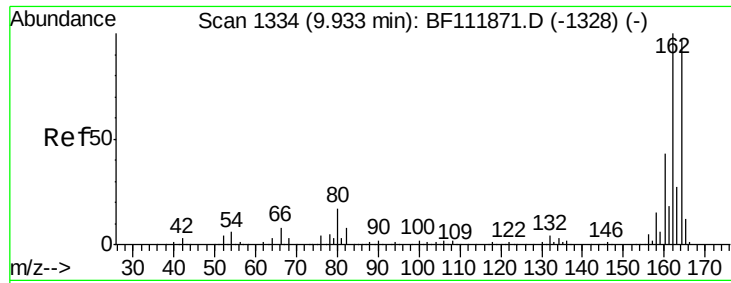
#23  
Nitrobenzene-d5  
Concen: 67.256 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 598203      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 44.7  | 35.7 53.5   |
| 54          | 56.1  | 45.8 68.8   |



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

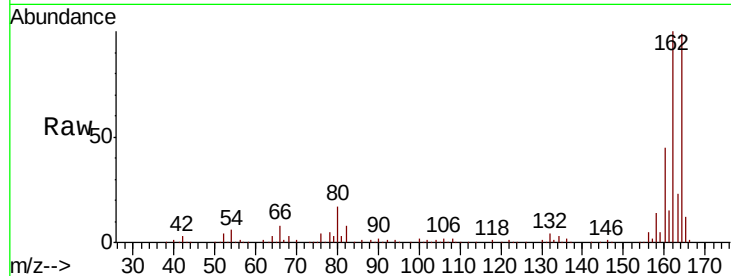




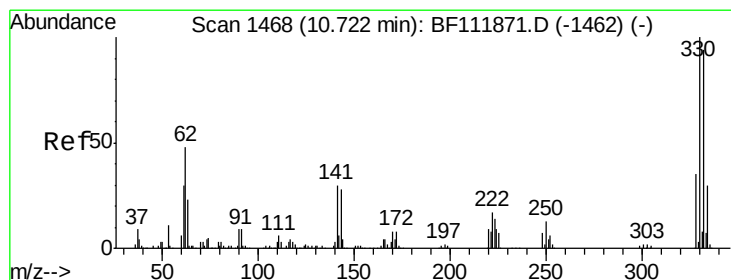
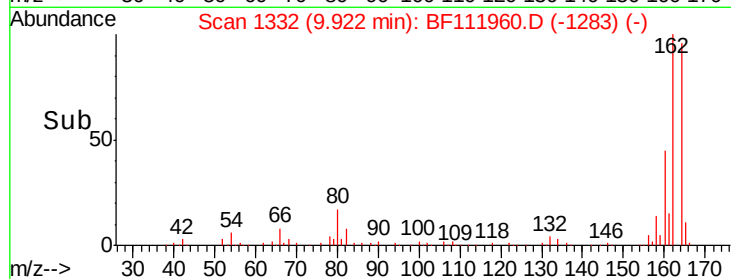
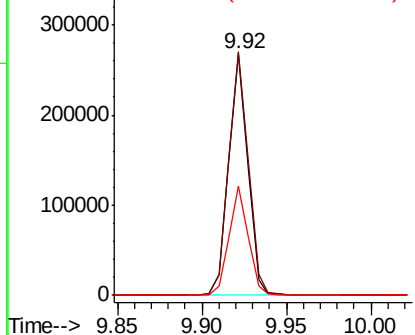
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Instrument :  
BNA\_F  
ClientSampleId :  
BASIN-3

Tot Ion:164 Resp: 210132  
Ion Ratio Lower Upper  
164 100  
162 100.9 82.2 123.2  
160 45.5 35.5 53.3

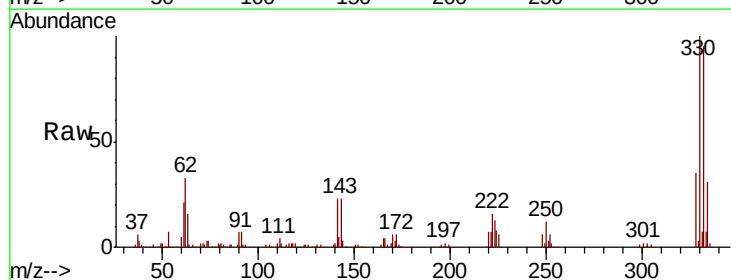


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

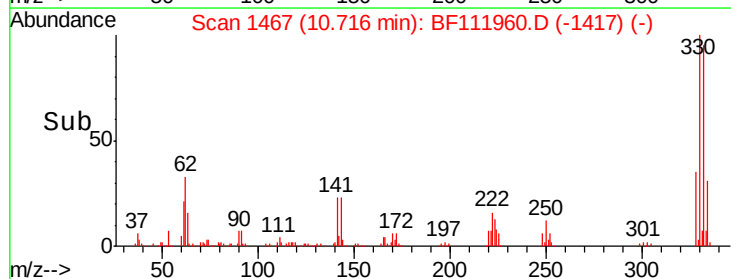
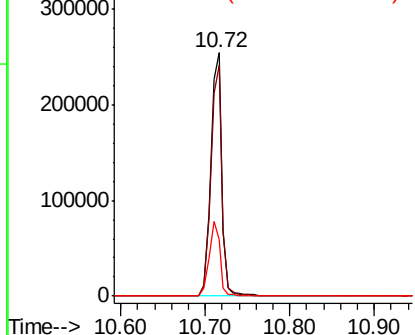


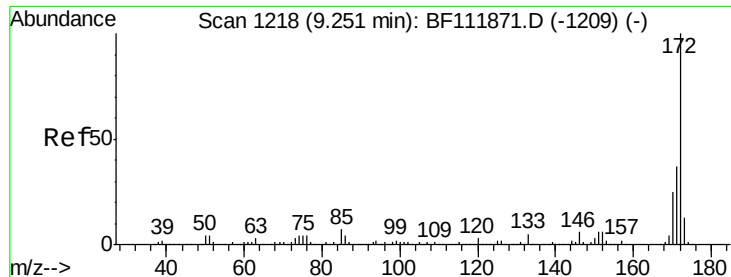
#42  
2,4,6-Tribromophenol  
Concen: 86.844 ng  
RT: 10.72 min Scan# 1467  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Tgt Ion:330 Resp: 237359  
Ion Ratio Lower Upper  
330 100  
332 94.5 76.9 115.3  
141 29.8 23.7 35.5



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

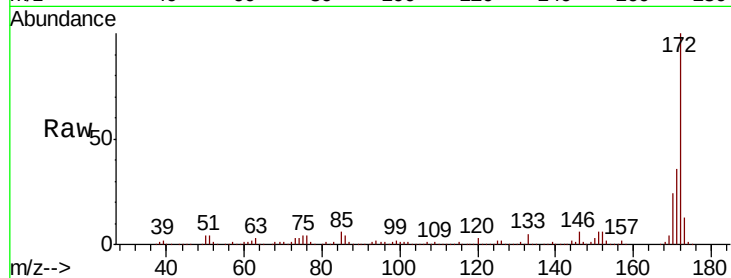




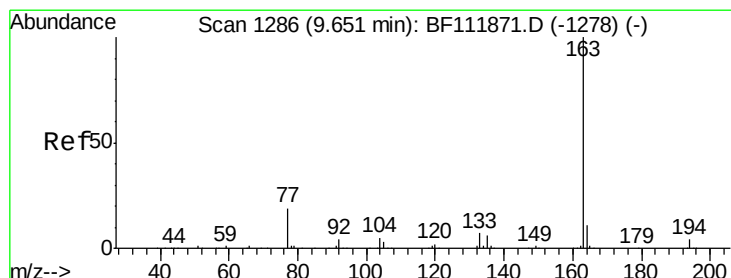
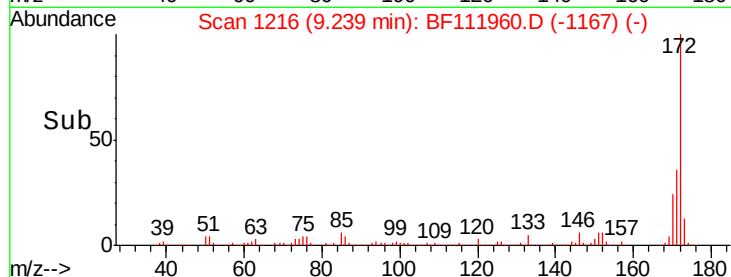
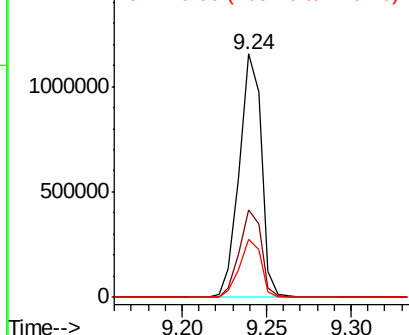
#45  
2-Fluorobiphenyl  
Concen: 73.381 ng  
RT: 9.24 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Instrument :  
BNA\_F  
ClientSampleId :  
BASIN-3

Tot Ion:172 Resp: 1057447  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.6 44.4  
170 24.0 19.8 29.8

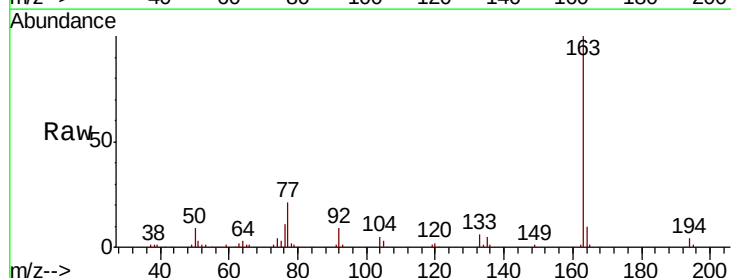


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

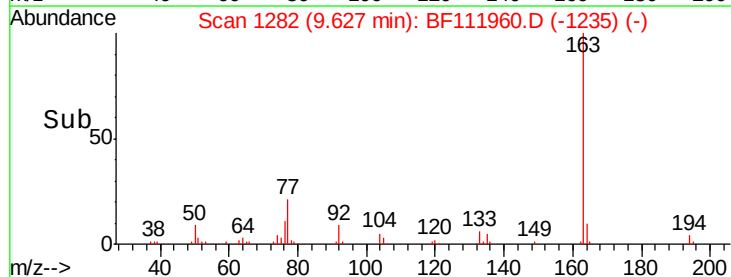
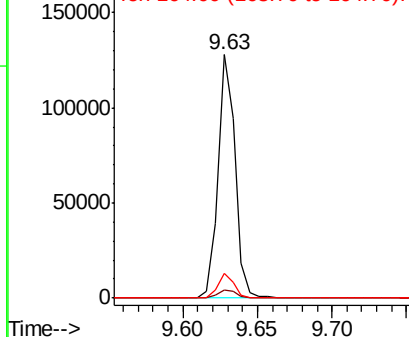


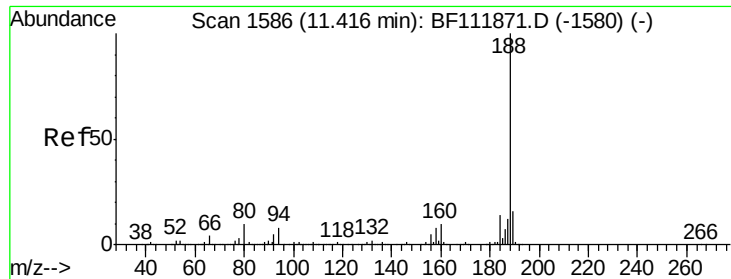
#50  
Dimethylphthalate  
Concen: 6.516 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. -0.02 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Tgt Ion:163 Resp: 102855  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.4 5.2  
164 10.1 8.5 12.7



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

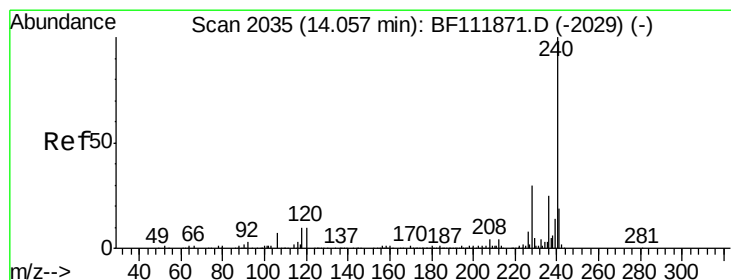
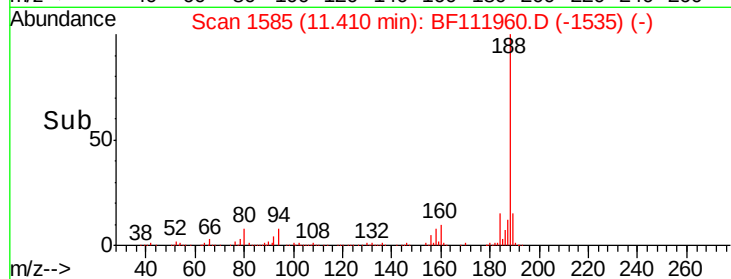
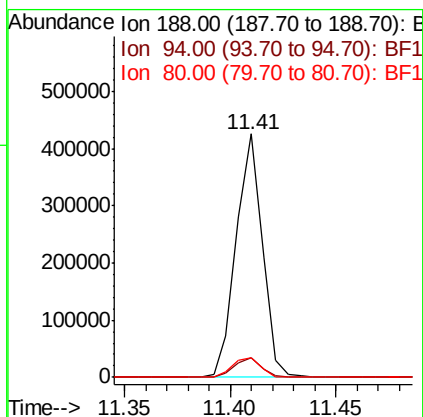
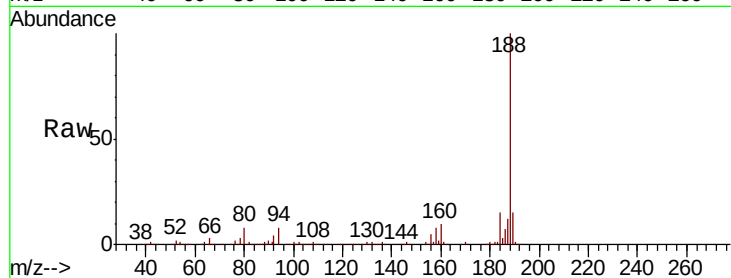




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

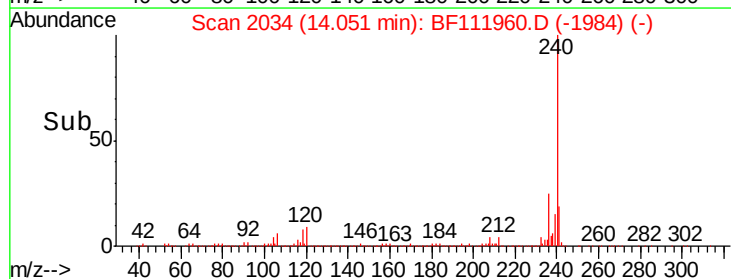
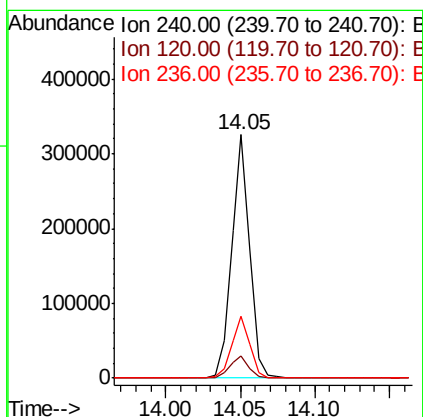
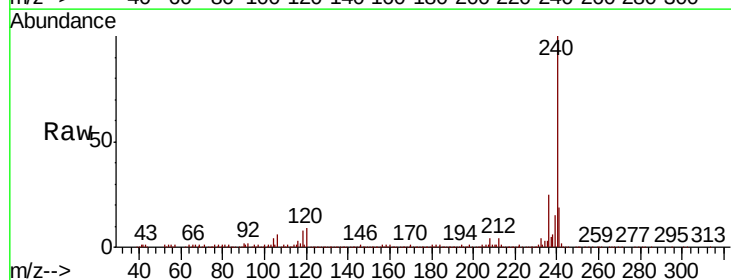
Instrument :  
BNA\_F  
ClientSampled :  
BASIN-3

Tot Ion:188 Resp: 365065  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.6 10.0  
80 8.2 7.7 11.5

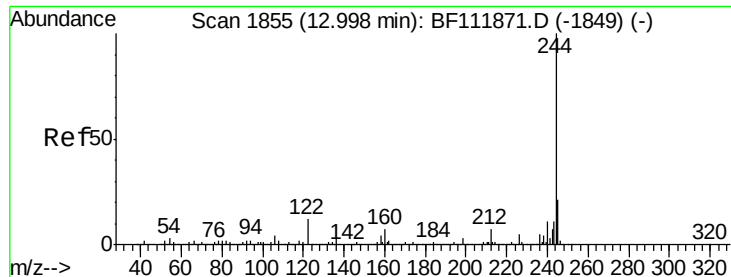


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BF111960.D  
Acq: 9 Jan 2019 20:10

Tgt Ion:240 Resp: 276577  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.2 12.2  
236 25.2 20.2 30.4







#79

Terphenyl-d14

Concen: 66.643 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

Instrument :

BNA\_F

ClientSampled :

BASIN-3

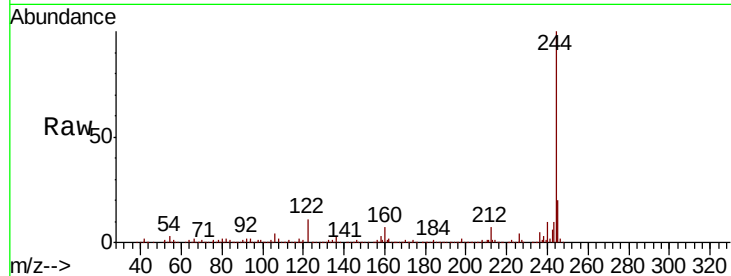
Tot Ion:244 Resp: 971015

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

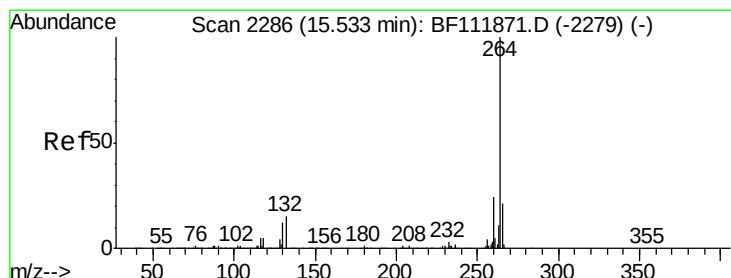
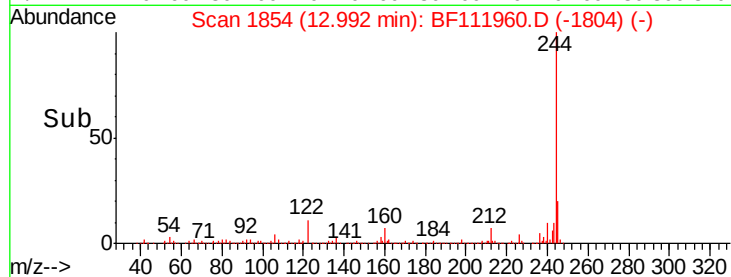
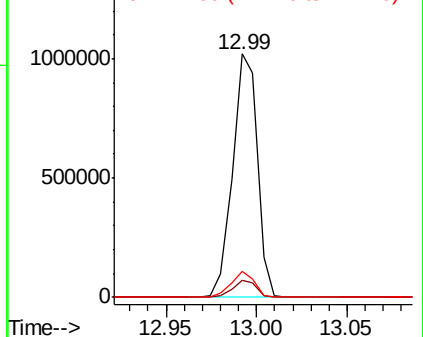
122 10.5 9.5 14.3



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

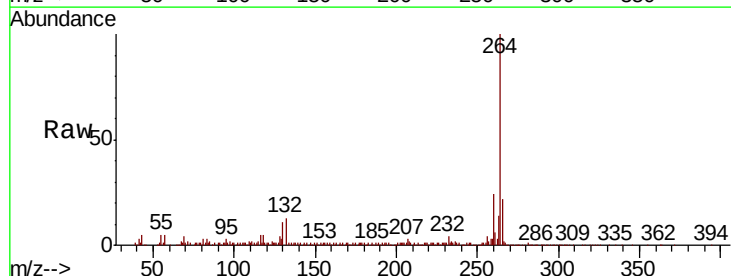
Tgt Ion:264 Resp: 191993

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 17.1 25.7



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

