

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\  
 Data File : BF111956.D  
 Acq On : 9 Jan 2019 18:21  
 Operator : JU/SJ  
 Sample : K1074-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W12-2

Quant Time: Jan 10 02:58:41 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

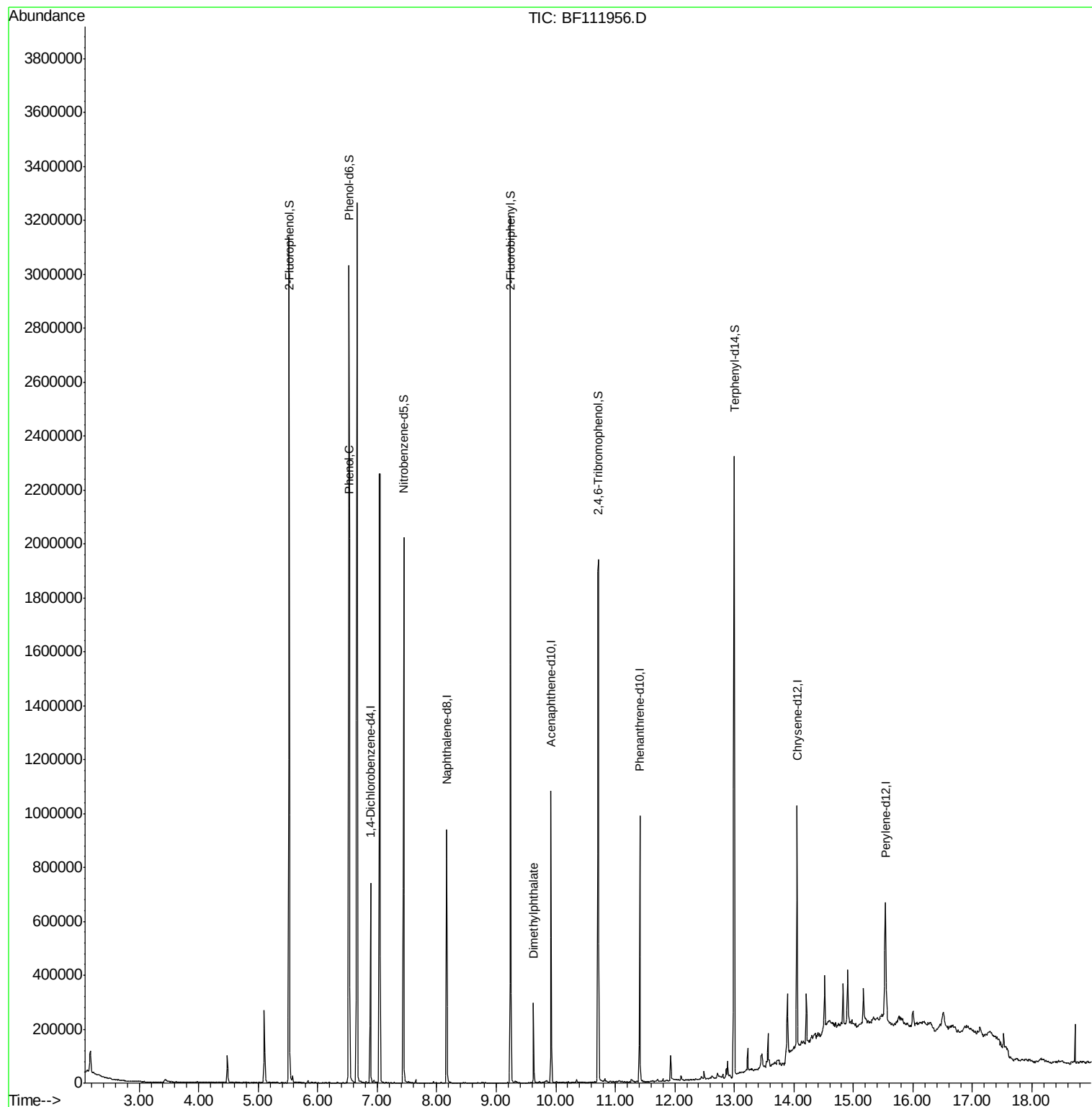
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 114376   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.17  | 136  | 421470   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.92  | 164  | 198134   | 20.00  | ng    | -0.01       |
| 64) Phenanthrene-d10        | 11.41 | 188  | 335033   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.05 | 240  | 284657   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.54 | 264  | 210605   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.52  | 112  | 813790   | 121.73 | ng    | 0.00        |
| 7) Phenol-d6                | 6.53  | 99   | 1035970  | 120.23 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 616919   | 78.23  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330  | 263467   | 102.23 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.24  | 172  | 1001484  | 73.71  | ng    | -0.01       |
| 79) Terphenyl-d14           | 13.00 | 244  | 822098   | 54.82  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.54  | 94   | 43987    | 4.697  | ng    | Qvalue # 75 |
| 50) Dimethylphthalate       | 9.63  | 163  | 112000   | 7.525  | ng    | 99          |

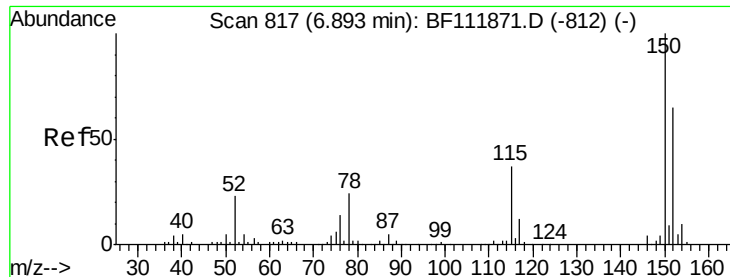
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\  
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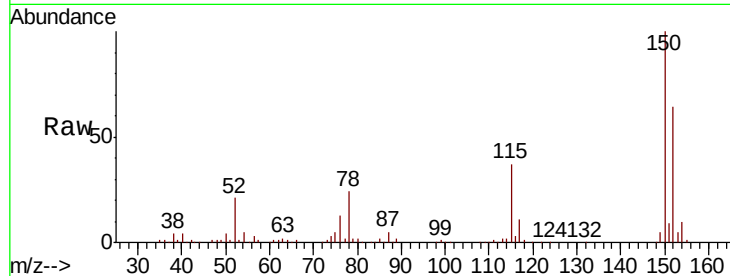


#1

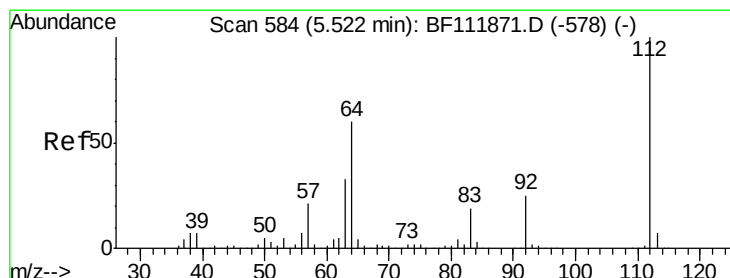
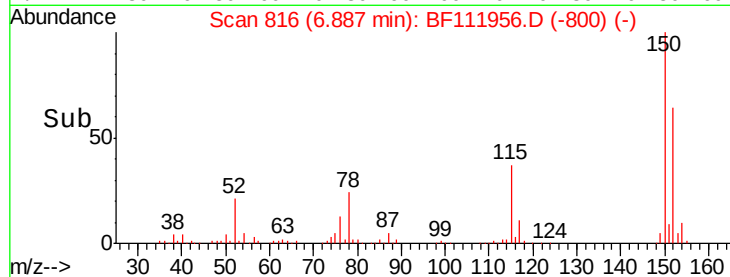
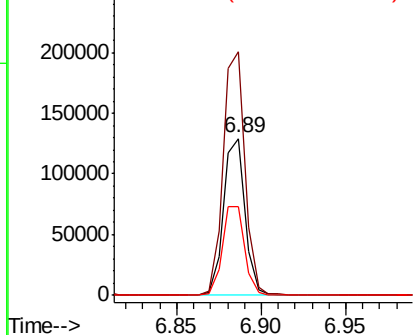
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.01 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

Instrument :  
BNA\_F  
ClientSampleId :  
W12-2

Tot Ion:152 Resp: 114376  
Ion Ratio Lower Upper  
152 100  
150 155.3 122.7 184.1  
115 57.0 45.2 67.8



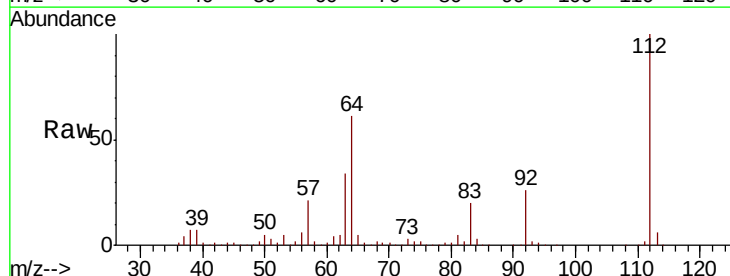
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



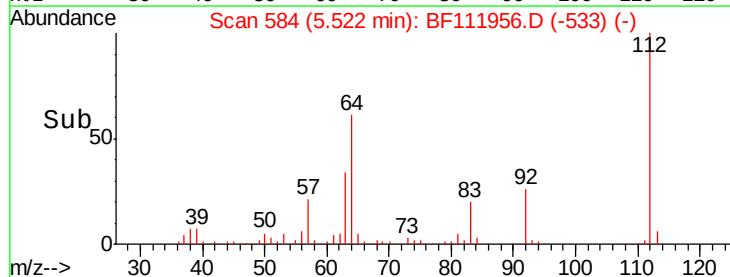
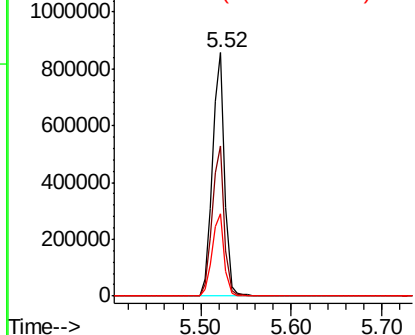
#5

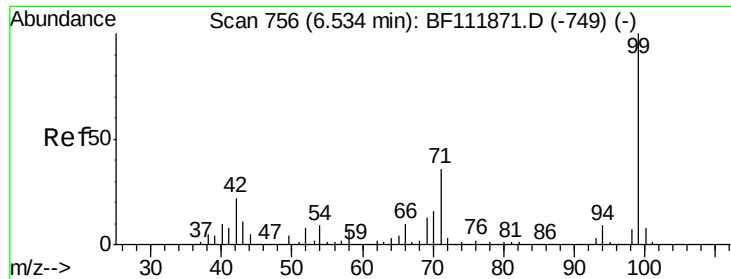
2-Fluorophenol  
Concen: 121.725 ng  
RT: 5.52 min Scan# 584  
Delta R.T. -0.00 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

Tgt Ion:112 Resp: 813790  
Ion Ratio Lower Upper  
112 100  
64 61.5 48.3 72.5  
63 33.8 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: 120.227 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

Instrument :

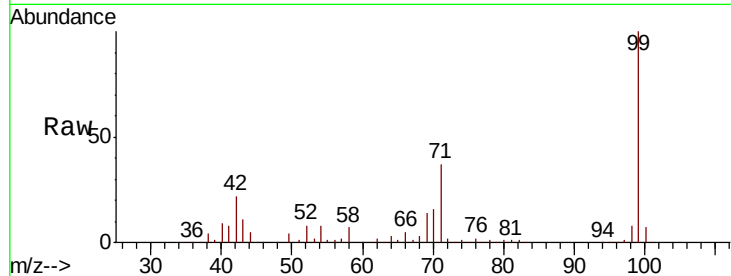
BNA\_F

ClientSampled :

W12-2

Tot Ion: 99 Resp: 1035970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.5  | 17.9  | 26.9  |
| 71  | 37.0  | 28.7  | 43.1  |

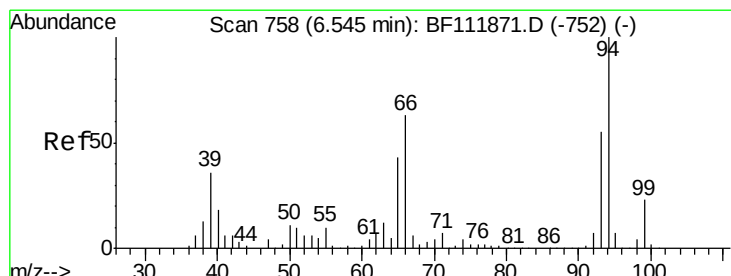
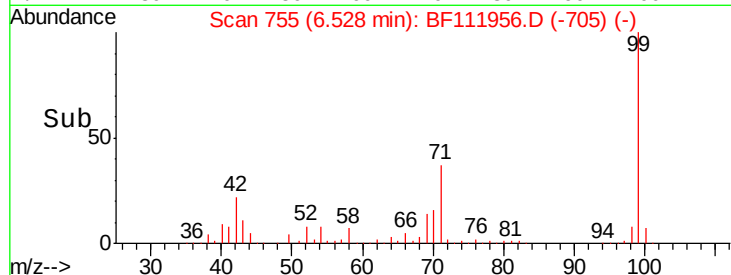


Abundance

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: 4.697 ng

RT: 6.54 min Scan# 757

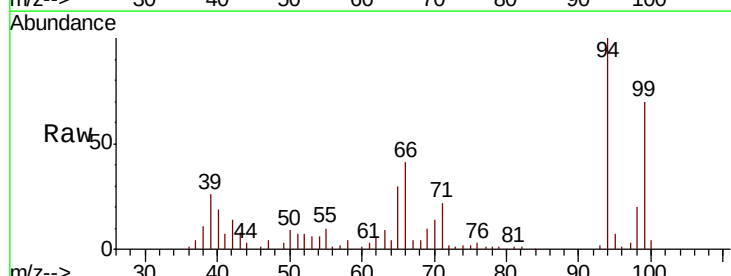
Delta R.T. -0.01 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

Tgt Ion: 94 Resp: 43987

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 29.7  | 22.8  | 62.8  |
| 66  | 41.2  | 43.3  | 83.3# |

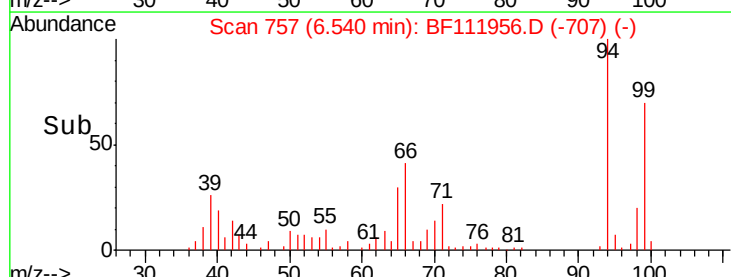


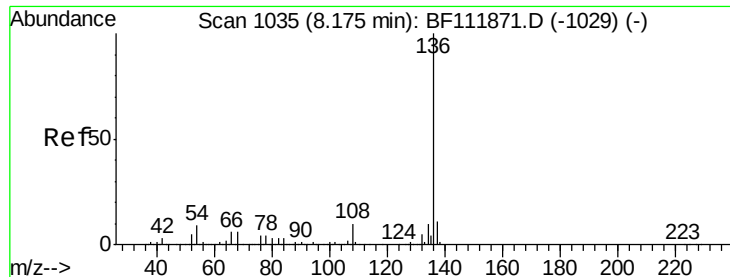
Abundance

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: BF111956.D

Acq: 9 Jan 2019 18:21

Instrument :

BNA\_F

ClientSampleId :

W12-2

Tot Ion:136 Resp: 421470

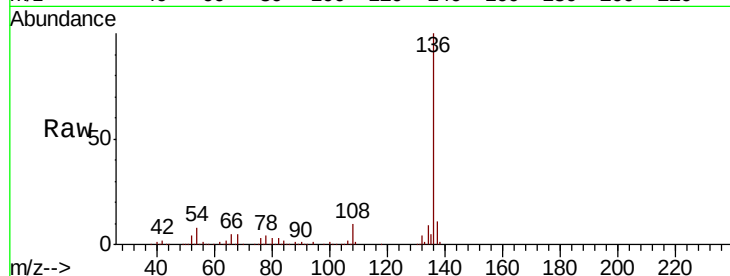
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.0 7.2 10.8

68 4.8 4.4 6.6

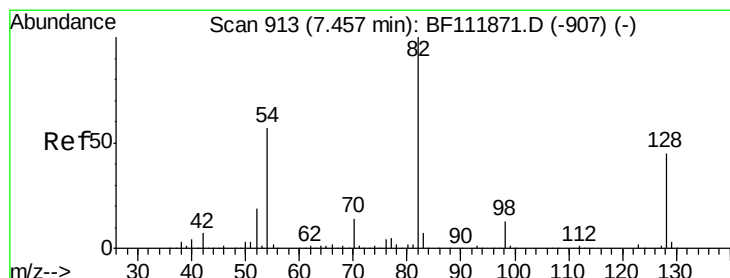
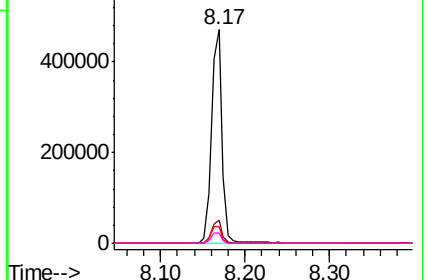
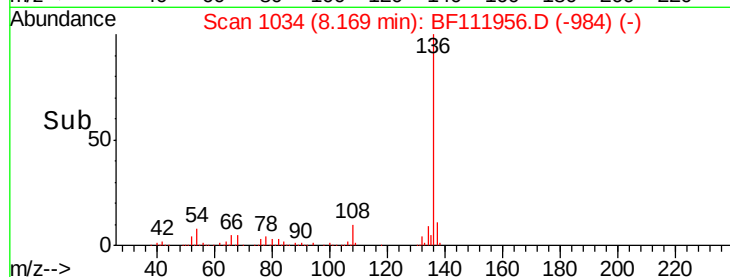


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.230 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

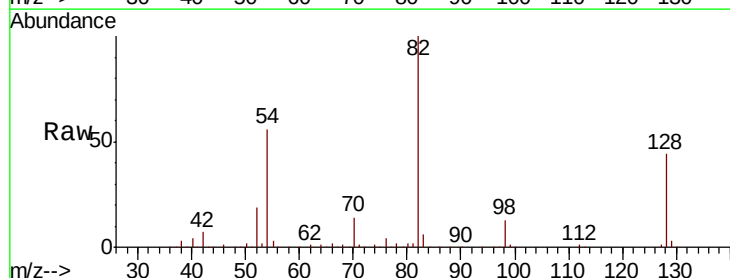
Tgt Ion: 82 Resp: 616919

Ion Ratio Lower Upper

82 100

128 44.4 35.7 53.5

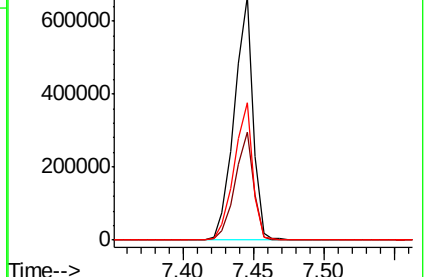
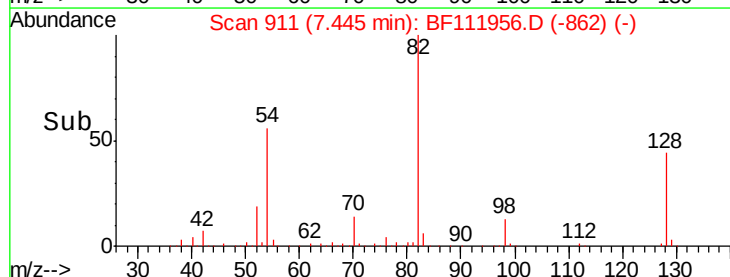
54 56.4 45.8 68.8

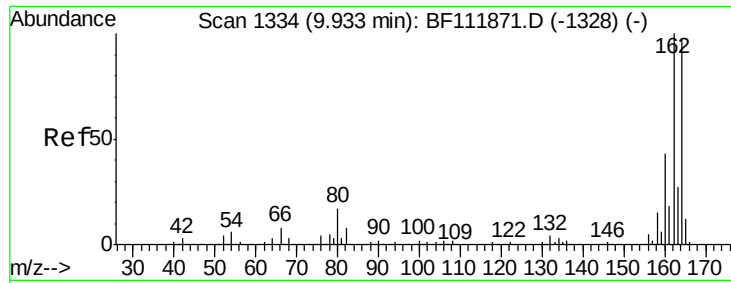


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

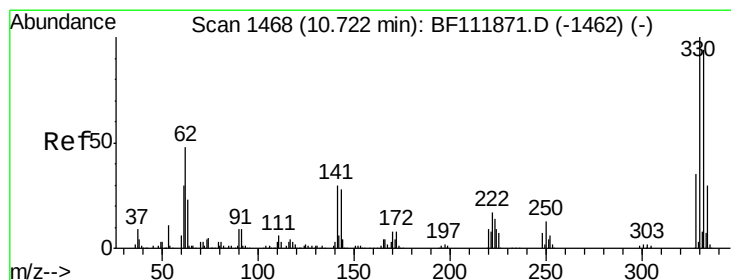
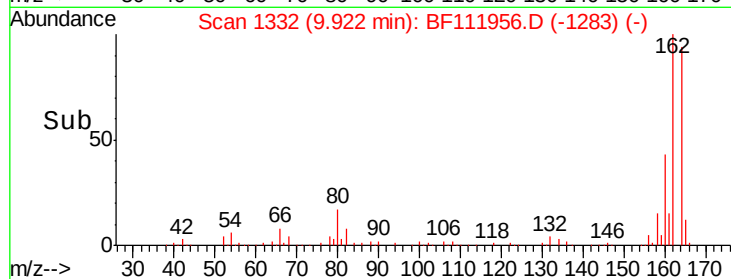
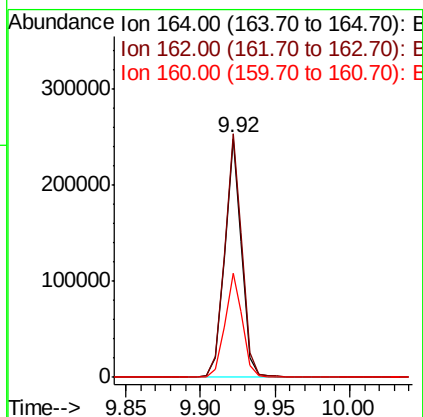
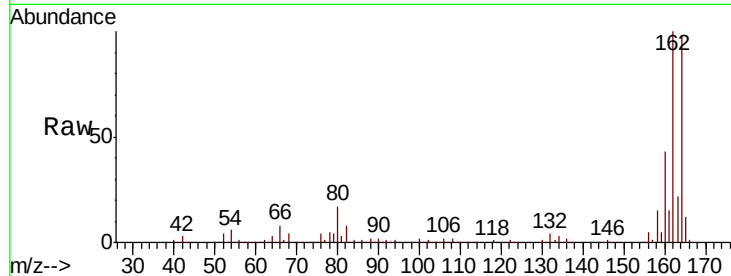




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

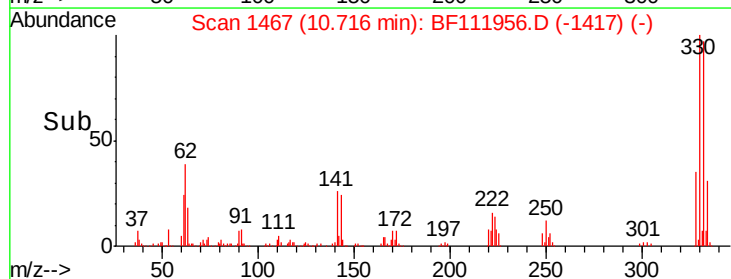
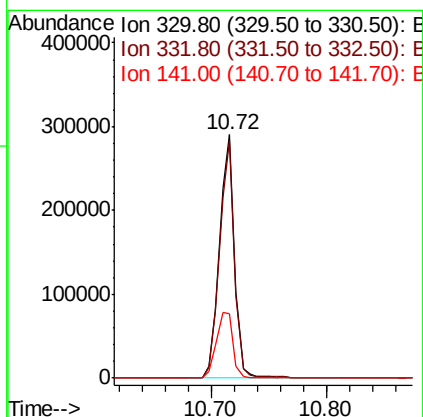
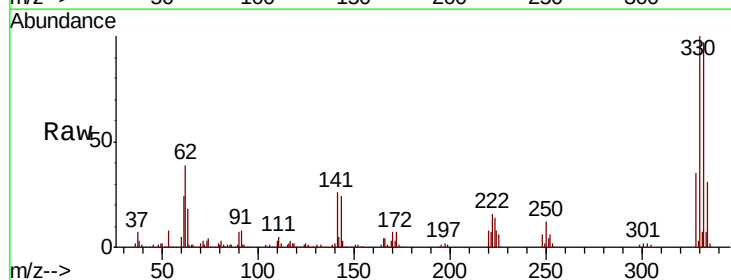
Instrument :  
BNA\_F  
ClientSampleId :  
W12-2

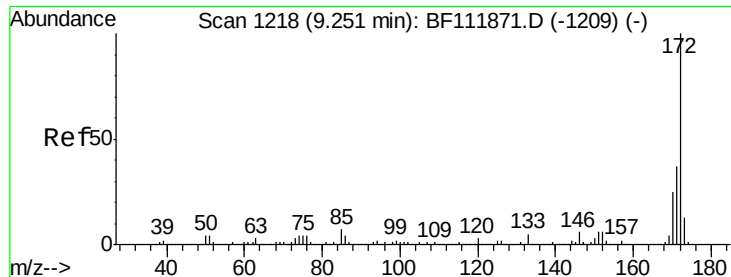
Tot Ion:164 Resp: 198134  
Ion Ratio Lower Upper  
164 100  
162 101.8 82.2 123.2  
160 43.5 35.5 53.3



#42  
2,4,6-Tribromophenol  
Concen: 102.233 ng  
RT: 10.72 min Scan# 1467  
Delta R.T. -0.01 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

Tgt Ion:330 Resp: 263467  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.9 115.3  
141 29.9 23.7 35.5

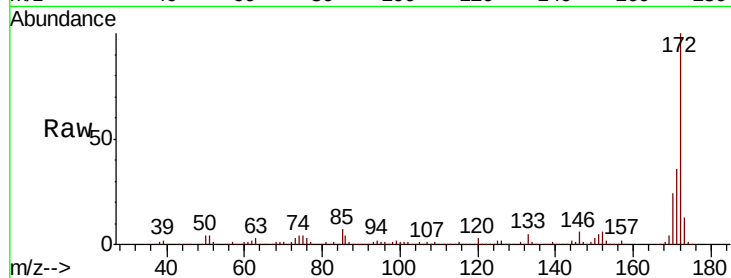




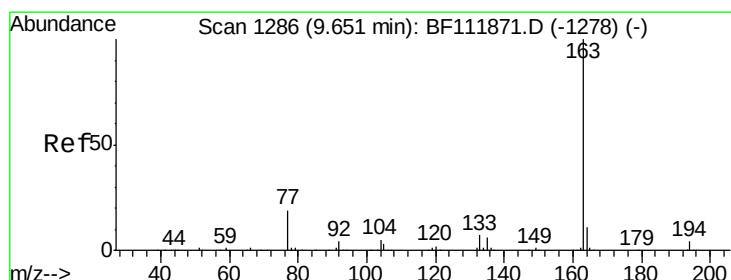
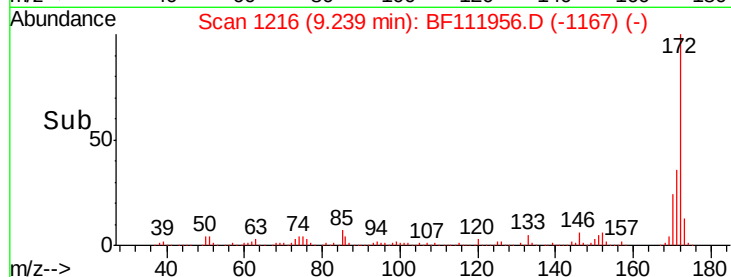
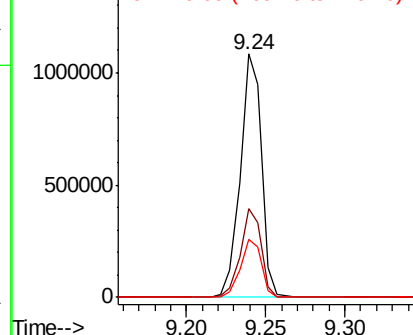
#45  
2-Fluorobiphenyl  
Concen: 73.706 ng  
RT: 9.24 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

Instrument :  
BNA\_F  
ClientSampleId :  
W12-2

Tot Ion:172 Resp: 1001484  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.6 44.4  
170 23.7 19.8 29.8

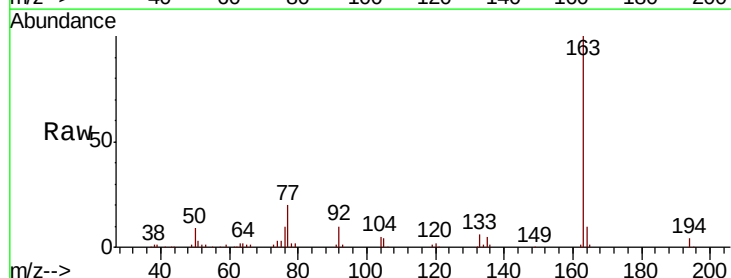


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

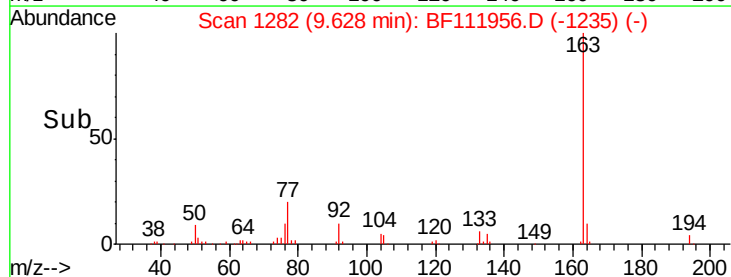
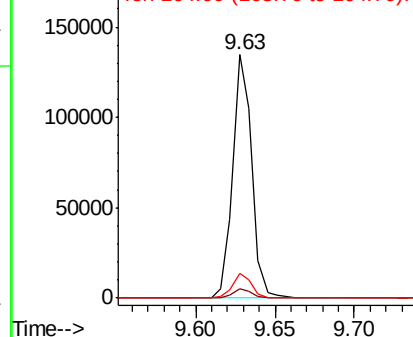


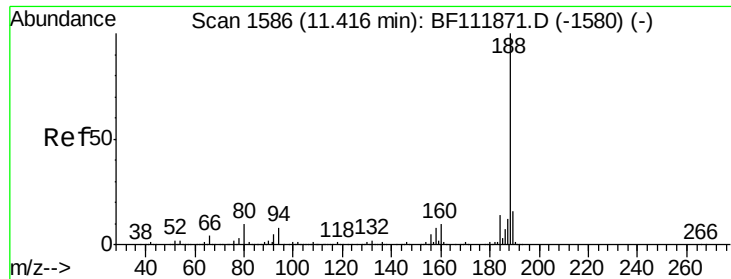
#50  
Dimethylphthalate  
Concen: 7.525 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. -0.02 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

Tgt Ion:163 Resp: 112000  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.4 5.2  
164 10.2 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

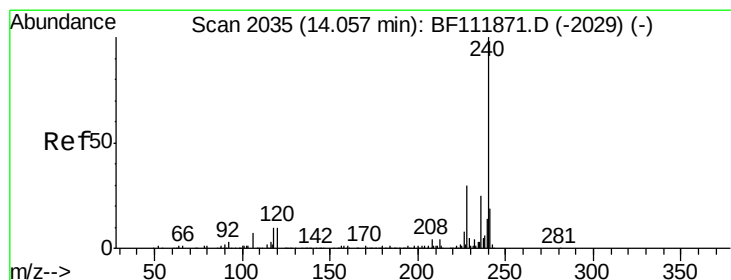
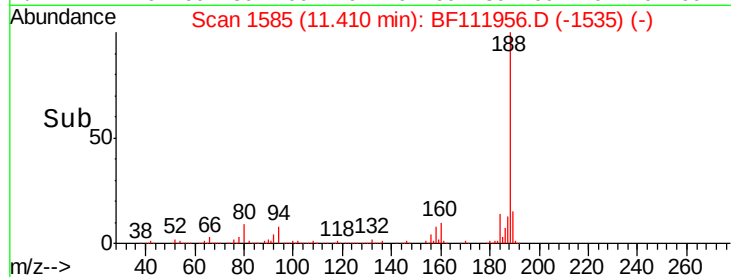
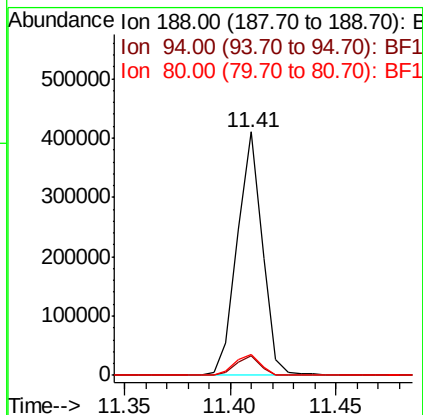
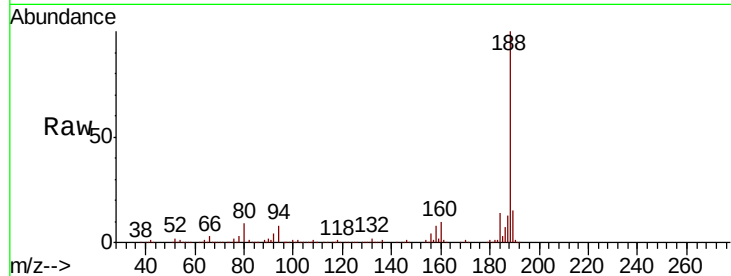




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

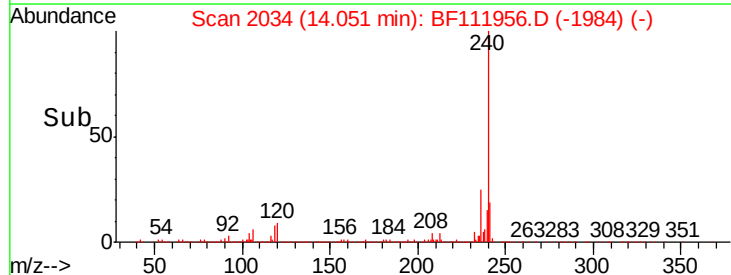
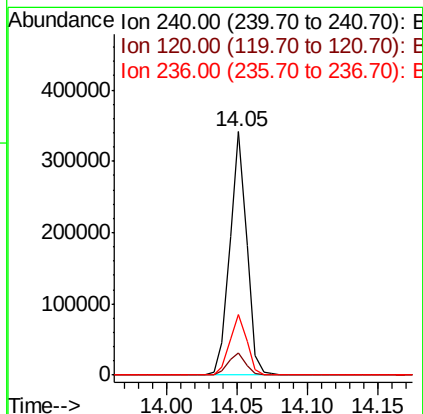
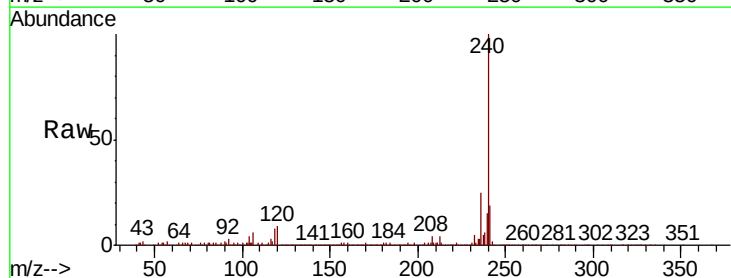
Instrument :  
BNA\_F  
ClientSampled :  
W12-2

Tot Ion:188 Resp: 335033  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.6 10.0  
80 8.8 7.7 11.5

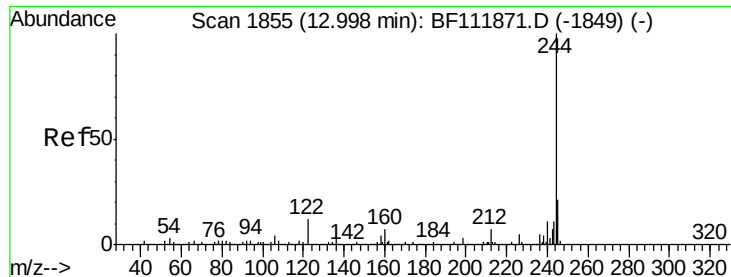


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BF111956.D  
Acq: 9 Jan 2019 18:21

Tgt Ion:240 Resp: 284657  
Ion Ratio Lower Upper  
240 100  
120 9.3 8.2 12.2  
236 25.1 20.2 30.4







#79

Terphenyl-d14

Concen: 54.821 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

Instrument :

BNA\_F

ClientSampleId :

W12-2

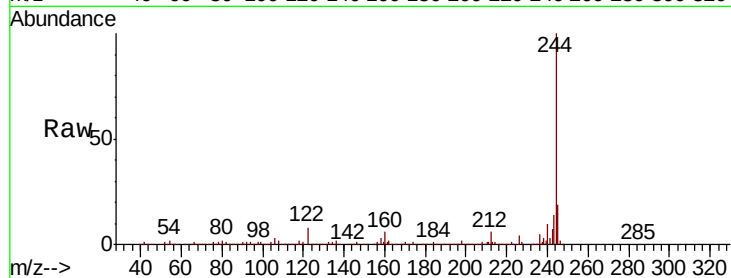
Tot Ion:244 Resp: 822098

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

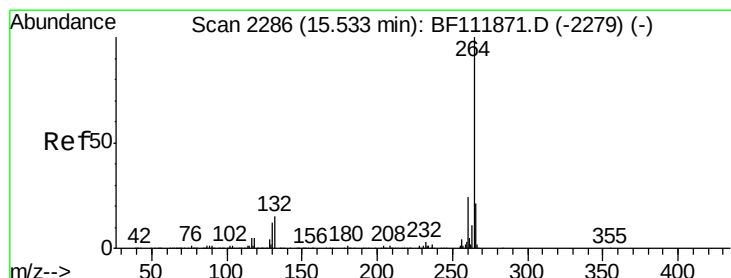
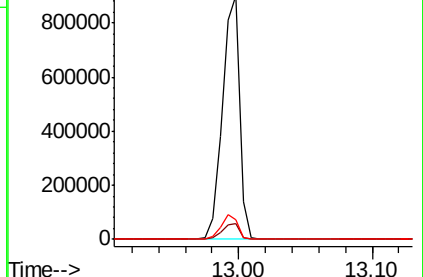
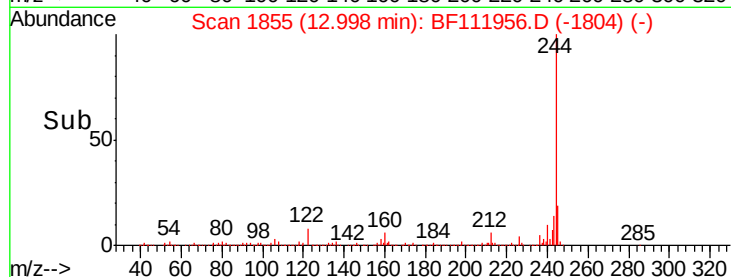
122 8.3 9.5 14.3#



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: BF111956.D

Acq: 9 Jan 2019 18:21

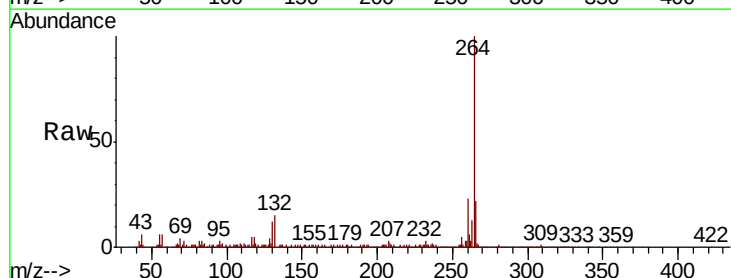
Tgt Ion:264 Resp: 210605

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.6 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

