

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\  
 Data File : BF101878.D  
 Acq On : 3 Jan 2018 23:26  
 Operator : SJ/JU  
 Sample : I7102-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BISP-SB-01

Quant Time: Jan 04 04:45:14 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 29 13:21:45 2017  
 Response via : Initial Calibration

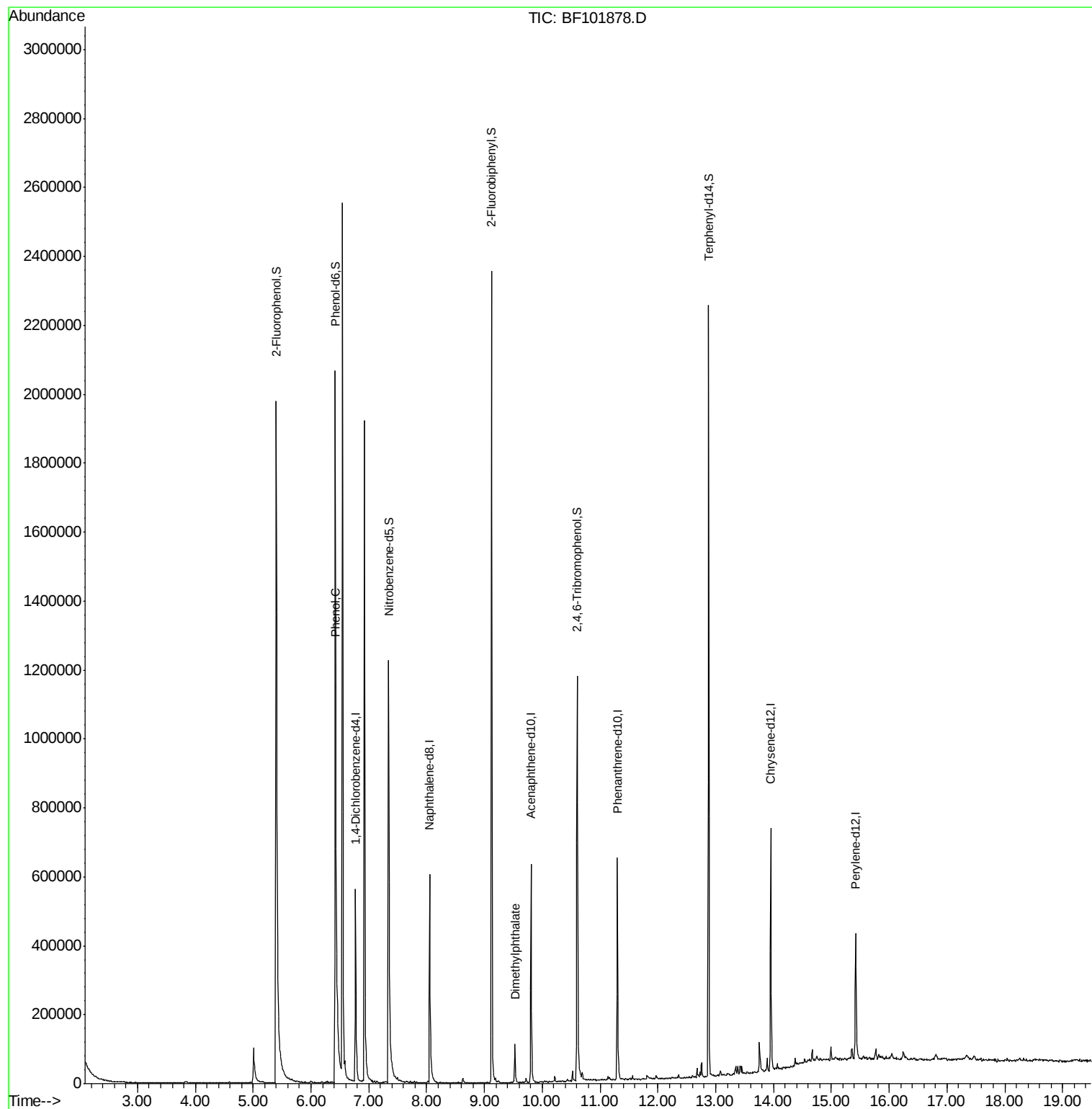
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.77  | 152  | 104339   | 20.00  | ng    | -0.01       |
| 21) Naphthalene-d8          | 8.05  | 136  | 368750   | 20.00  | ng    | -0.02       |
| 38) Acenaphthene-d10        | 9.80  | 164  | 137210   | 20.00  | ng    | -0.02       |
| 63) Phenanthrene-d10        | 11.30 | 188  | 256780   | 20.00  | ng    | -0.02       |
| 75) Chrysene-d12            | 13.95 | 240  | 261547   | 20.00  | ng    | -0.02       |
| 86) Perylene-d12            | 15.42 | 264  | 205413   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.40  | 112  | 888523   | 126.85 | ng    | 0.00        |
| 7) Phenol-d6                | 6.42  | 99   | 1012703  | 116.17 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 7.34  | 82   | 580582   | 87.64  | ng    | -0.02       |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 164091   | 124.11 | ng    | -0.02       |
| 44) 2-Fluorobiphenyl        | 9.12  | 172  | 793675   | 89.73  | ng    | -0.02       |
| 78) Terphenyl-d14           | 12.88 | 244  | 778142   | 71.72  | ng    | -0.02       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.43  | 94   | 38604    | 3.885  | ng    | Qvalue # 50 |
| 49) Dimethylphthalate       | 9.53  | 163  | 55219    | 5.003  | ng    | 98          |

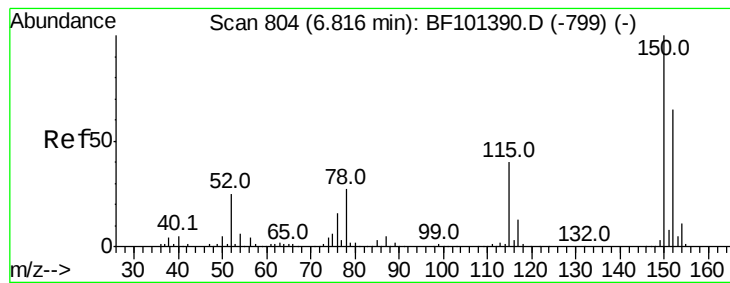
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 29 13:21:45 2017  
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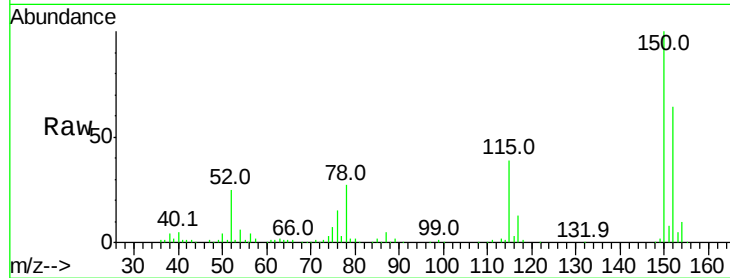


#1

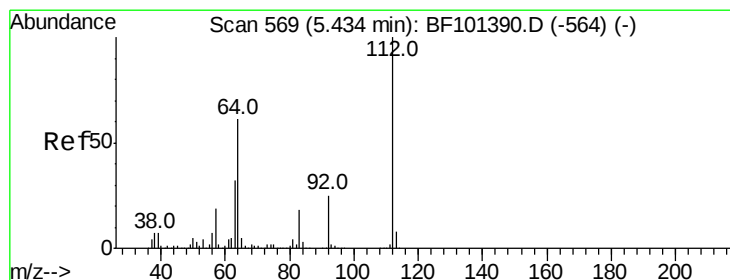
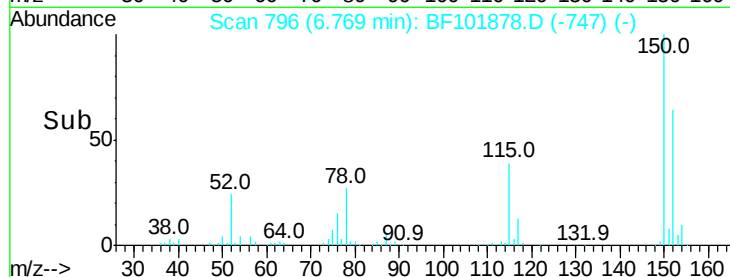
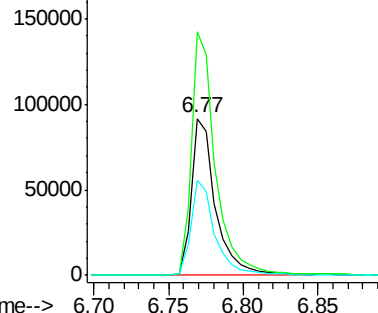
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

Instrument :  
BNA\_F  
ClientSampleId :  
BISP-SB-01

Tot Ion:152 Resp: 104339  
Ion Ratio Lower Upper  
152 100  
150 155.1 124.6 186.8  
115 60.8 50.1 75.1



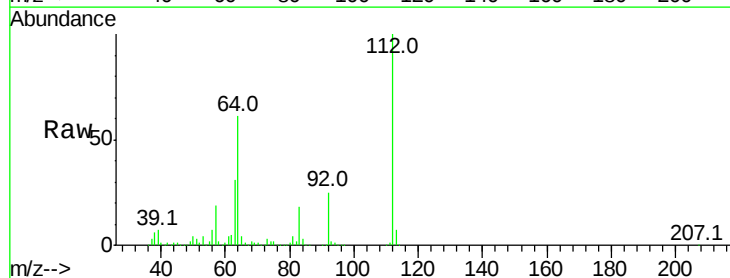
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



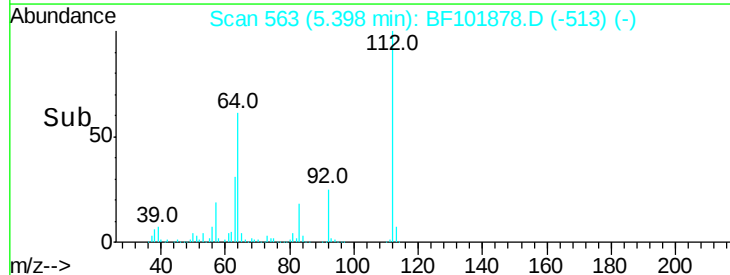
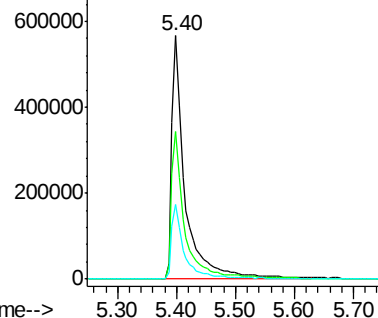
#5

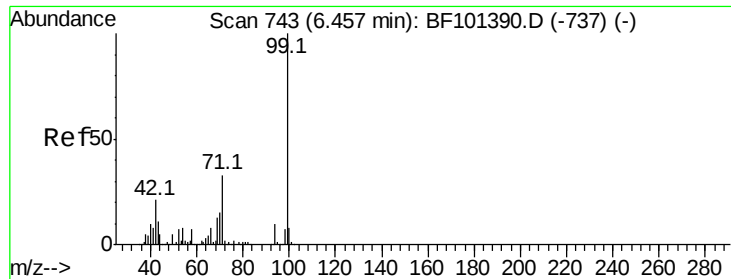
2-Fluorophenol  
Concen: 126.849 ng  
RT: 5.40 min Scan# 563  
Delta R.T. -0.01 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

Tgt Ion:112 Resp: 888523  
Ion Ratio Lower Upper  
112 100  
64 60.8 47.9 71.9  
63 30.9 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: 116.169 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Instrument :

BNA\_F

ClientSampleId :

BISP-SB-01

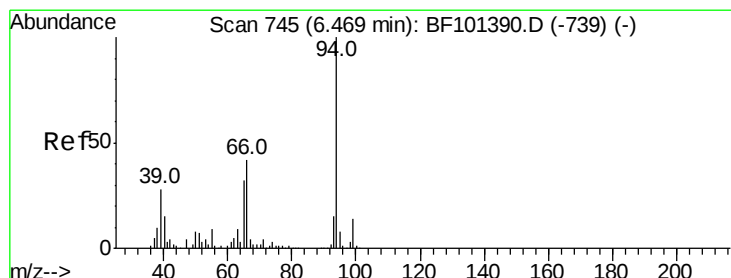
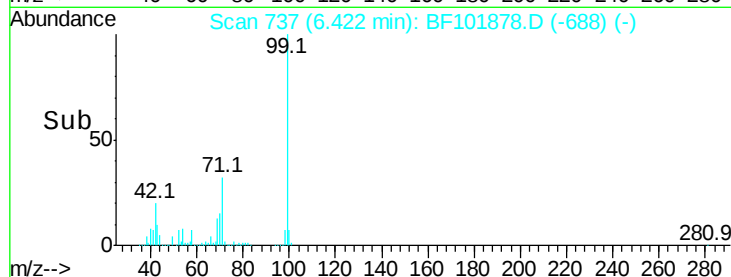
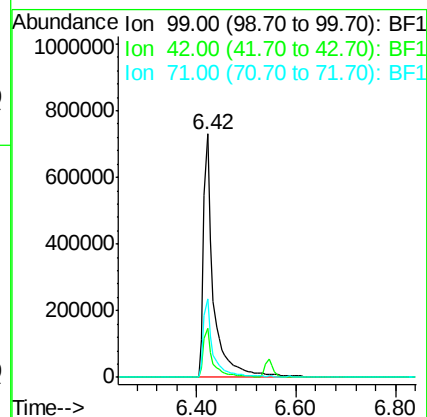
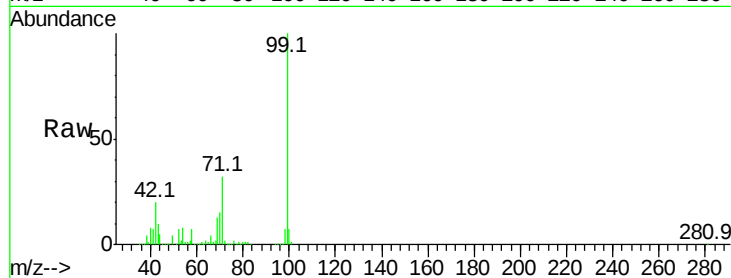
Tot Ion: 99 Resp: 1012703

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 3.885 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

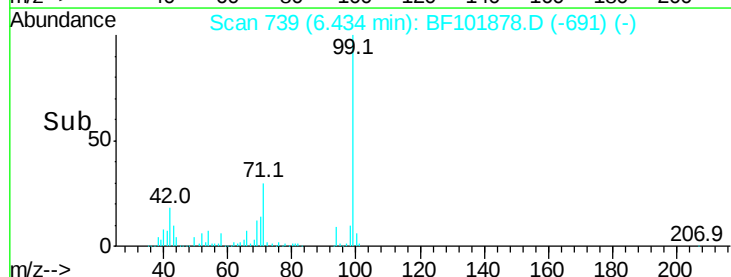
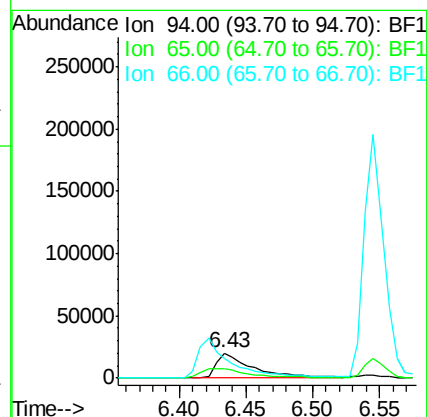
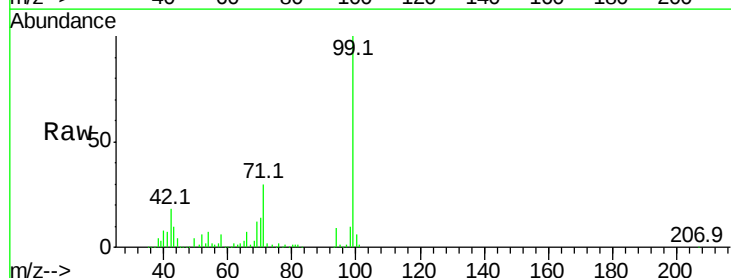
Tgt Ion: 94 Resp: 38604

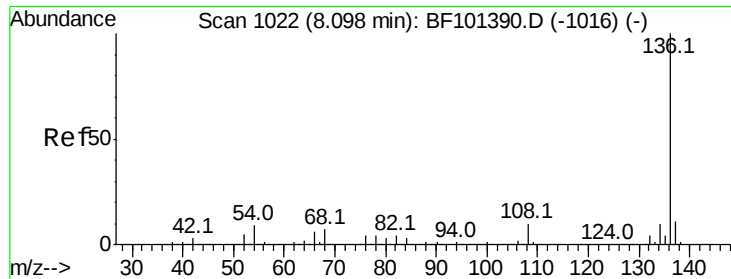
Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

66 79.6 16.2 56.2#

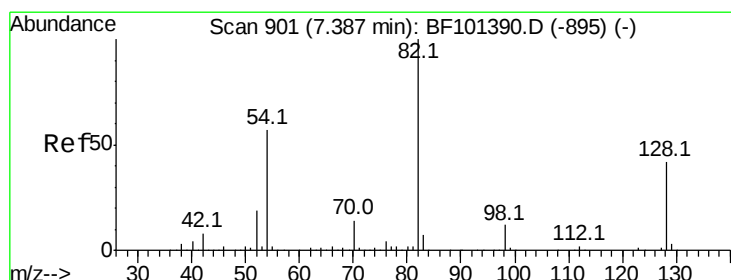
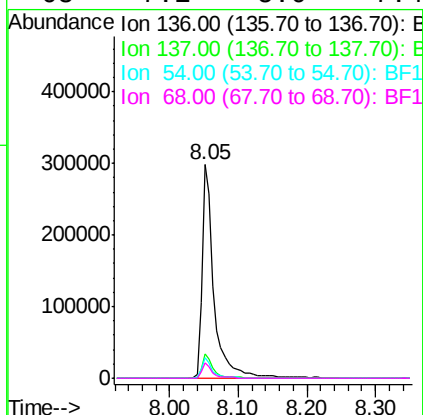
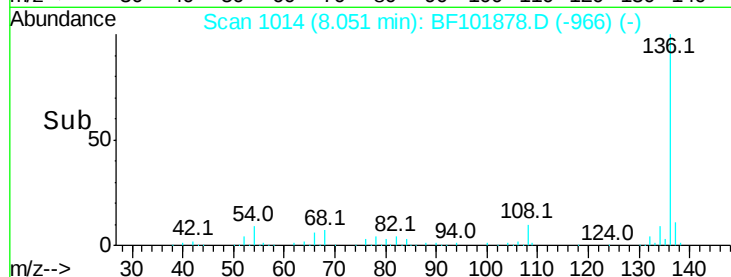
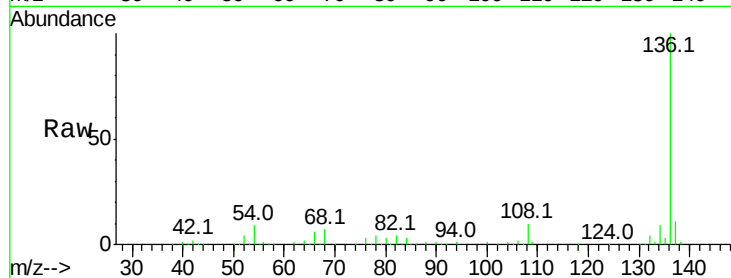




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.05 min Scan# 1014  
Delta R.T. -0.02 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

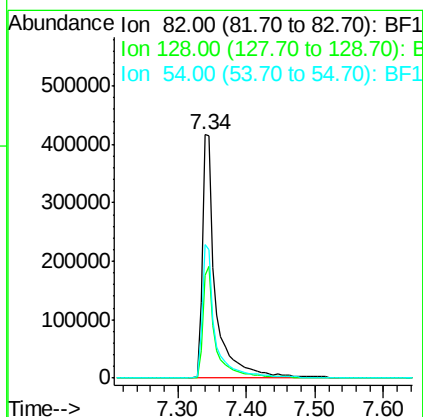
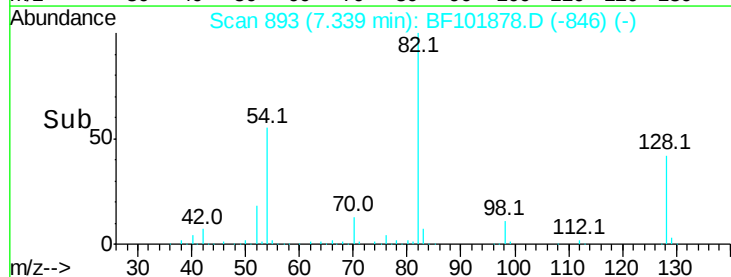
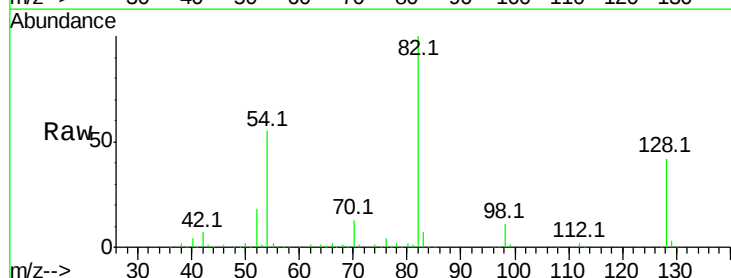
Instrument :  
BNA\_F  
ClientSampleId :  
BISP-SB-01

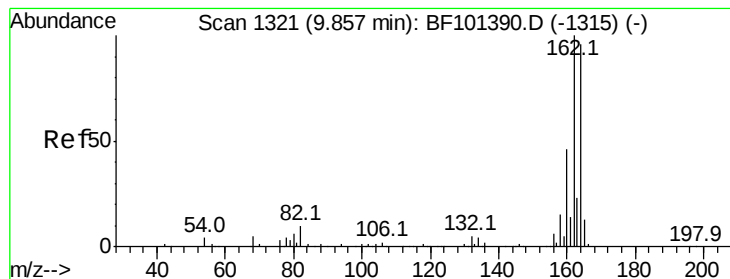
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 368750 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.9   | 13.3   |
| 54       | 9.3   | 6.6   | 9.8    |
| 68       | 7.1   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 87.644 ng  
RT: 7.34 min Scan# 893  
Delta R.T. -0.02 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 580582 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.3  | 36.1  | 54.1   |
| 54       | 55.0  | 41.4  | 62.2   |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Instrument :

BNA\_F

ClientSampleId :

BISP-SB-01

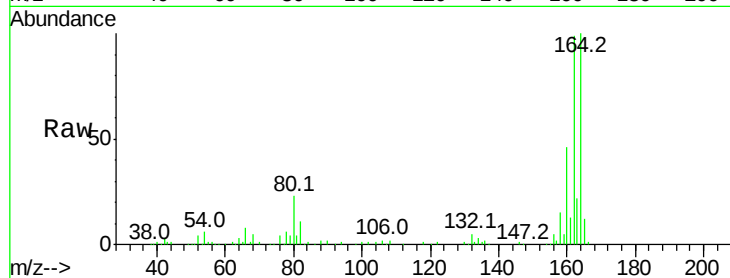
Tot Ion:164 Resp: 137210

Ion Ratio Lower Upper

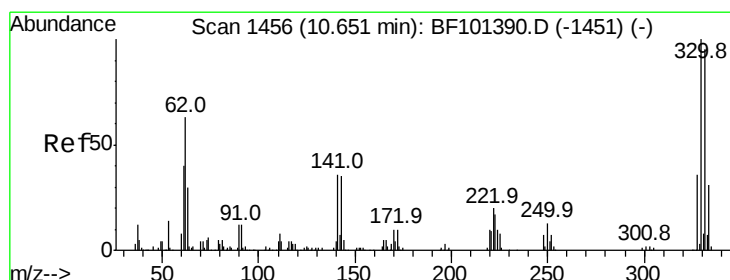
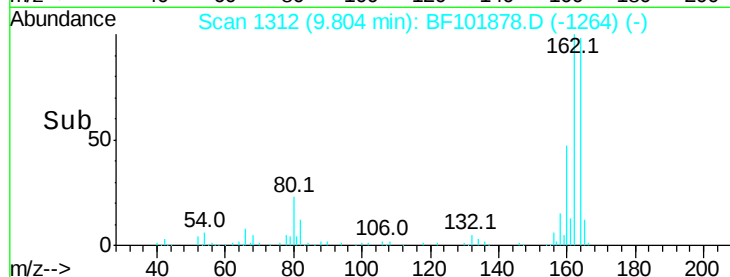
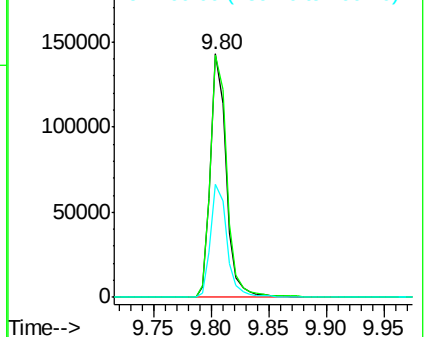
164 100

162 99.3 86.1 129.1

160 46.3 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: 124.112 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

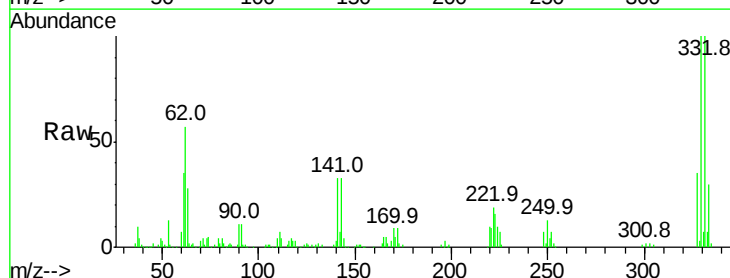
Tgt Ion:330 Resp: 164091

Ion Ratio Lower Upper

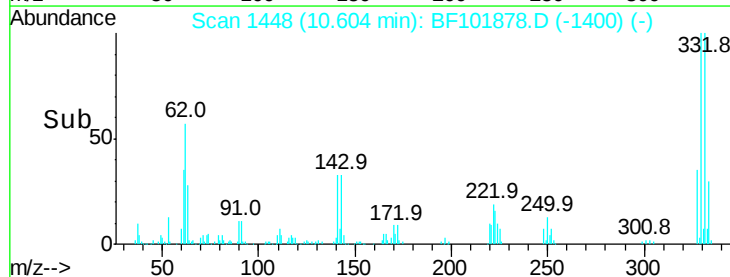
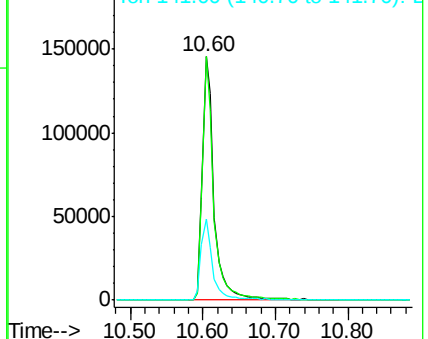
330 100

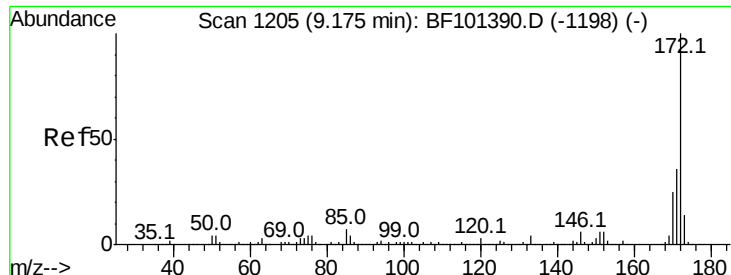
332 96.6 77.0 115.6

141 33.5 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

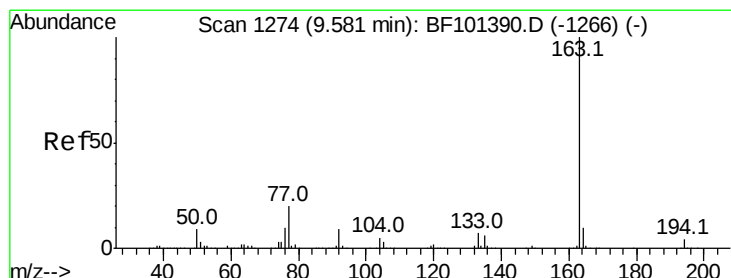
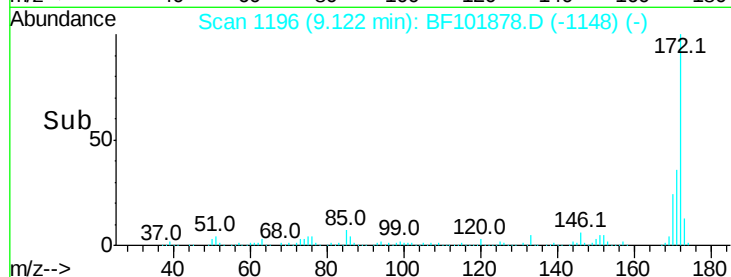
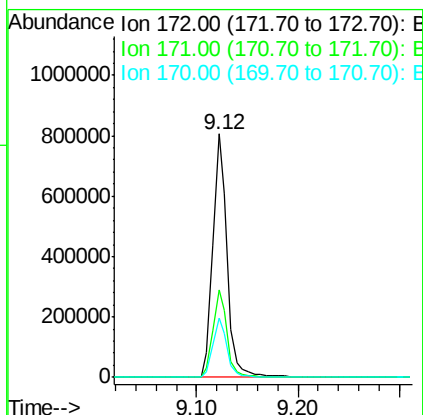
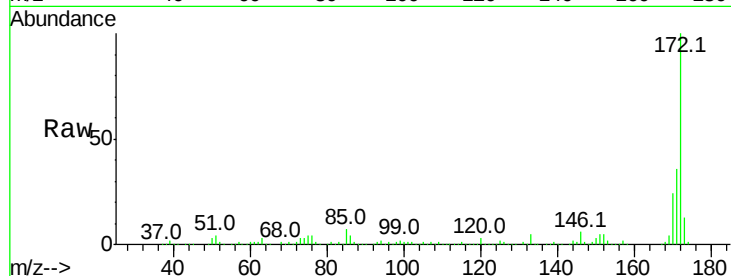




#44  
2-Fluorobiphenyl  
Concen: 89.730 ng  
RT: 9.12 min Scan# 1196  
Delta R.T. -0.02 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

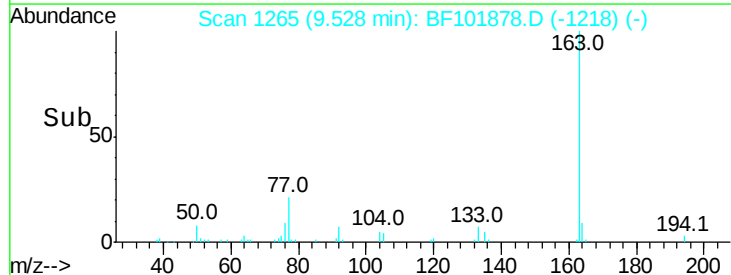
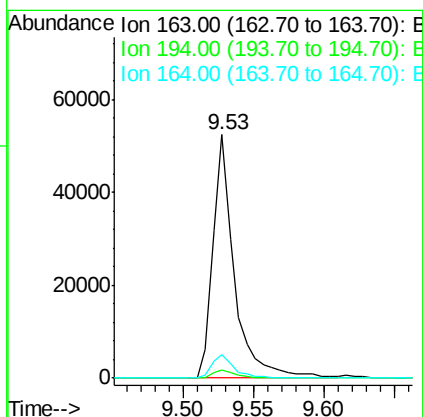
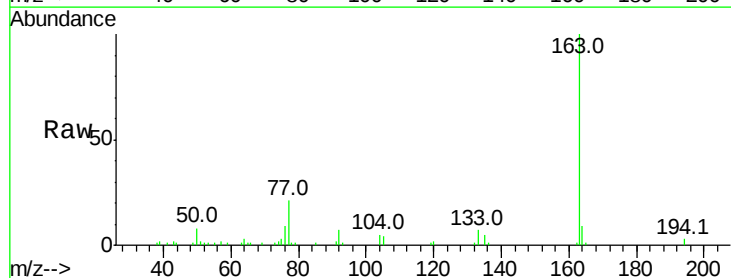
Instrument :  
BNA\_F  
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BISP-SB-01

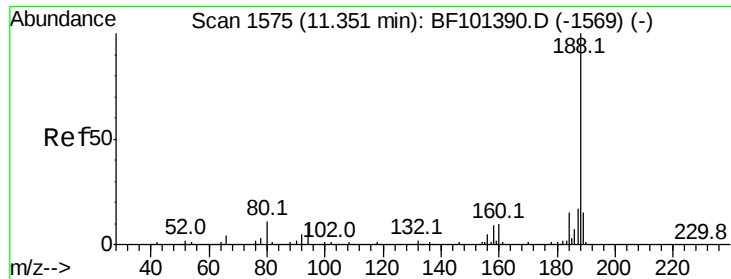
Tot Ion:172 Resp: 793675  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.7 44.5  
170 24.2 19.6 29.4



#49  
Dimethylphthalate  
Concen: 5.003 ng  
RT: 9.53 min Scan# 1265  
Delta R.T. -0.02 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

Tgt Ion:163 Resp: 55219  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 9.4 8.2 12.2

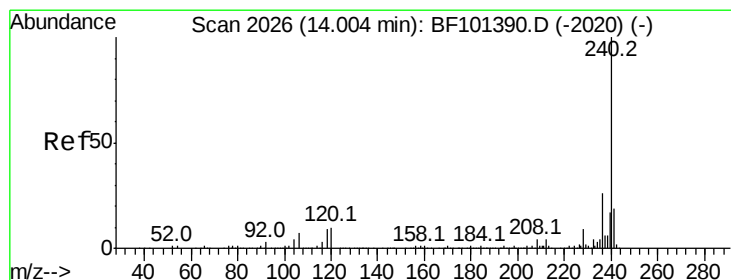
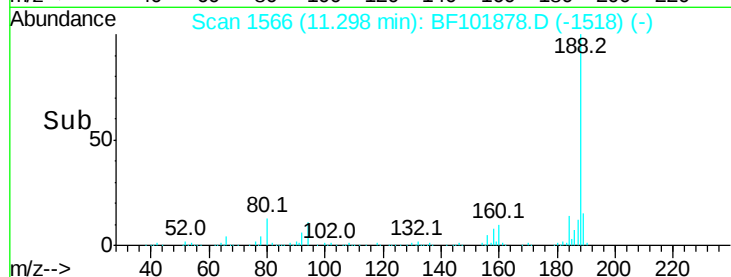
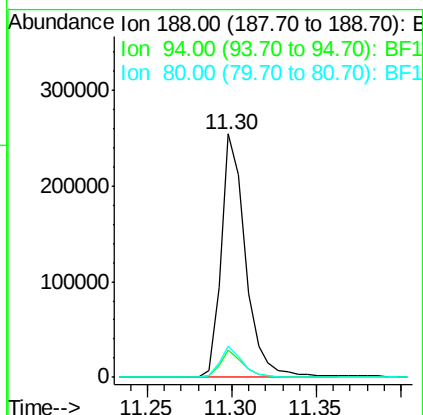
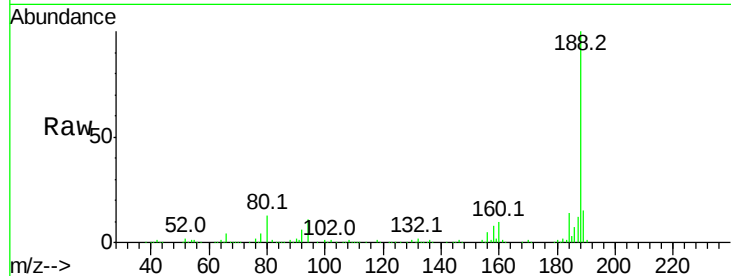




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.02 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

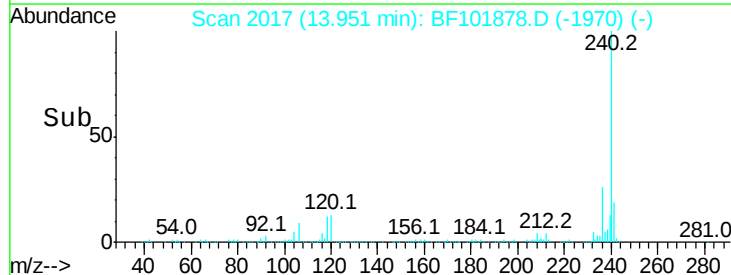
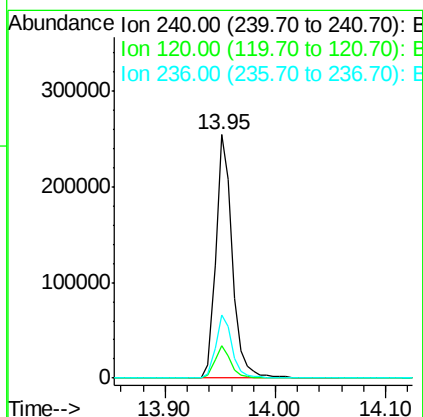
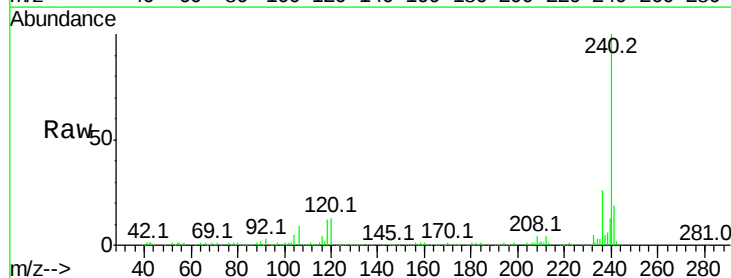
Instrument :  
BNA\_F  
ClientSampleId :  
BISP-SB-01

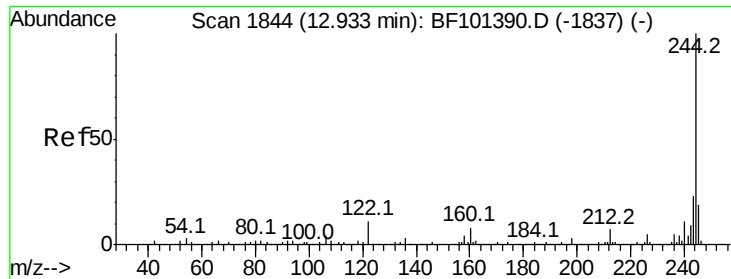
Tot Ion:188 Resp: 256780  
Ion Ratio Lower Upper  
188 100  
94 11.4 8.5 12.7  
80 12.8 9.2 13.8



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. -0.02 min  
Lab File: BF101878.D  
Acq: 3 Jan 2018 23:26

Tgt Ion:240 Resp: 261547  
Ion Ratio Lower Upper  
240 100  
120 13.2 9.5 14.3  
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 71.724 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Instrument :

BNA\_F

ClientSampleId :

BISP-SB-01

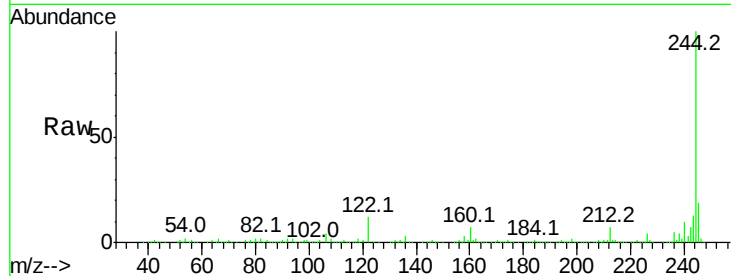
Tot Ion:244 Resp: 778142

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

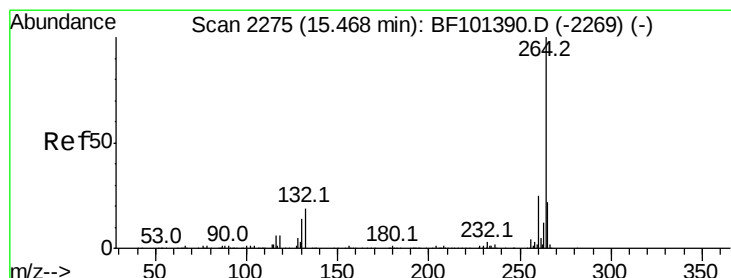
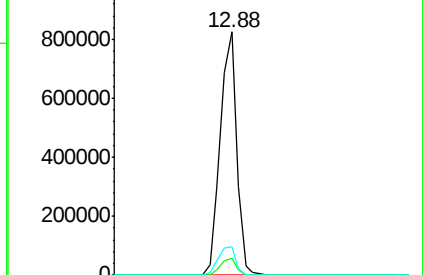
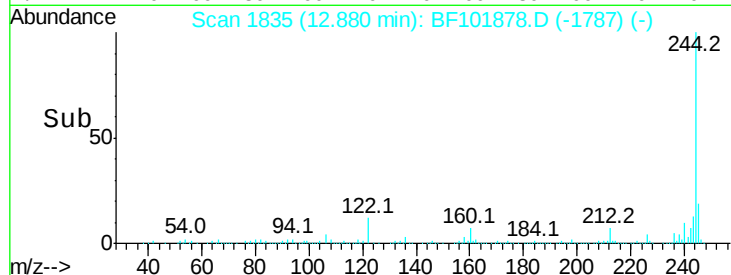
122 11.5 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

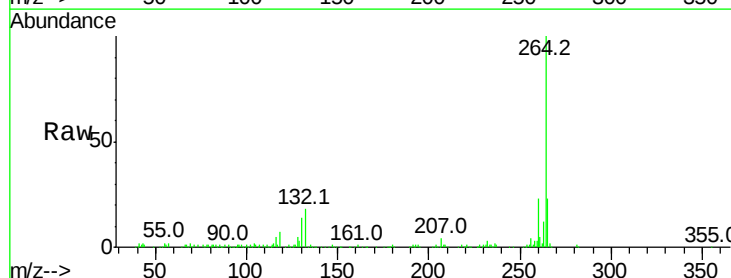
Tgt Ion:264 Resp: 205413

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.7 17.5 26.3



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

