

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\  
 Data File : BM014202.D  
 Acq On : 08 Feb 2018 20:34  
 Operator : SJ/JU  
 Sample : J1469-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WABUT-2

Quant Time: Feb 09 04:09:46 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 07 17:16:49 2018  
 Response via : Initial Calibration

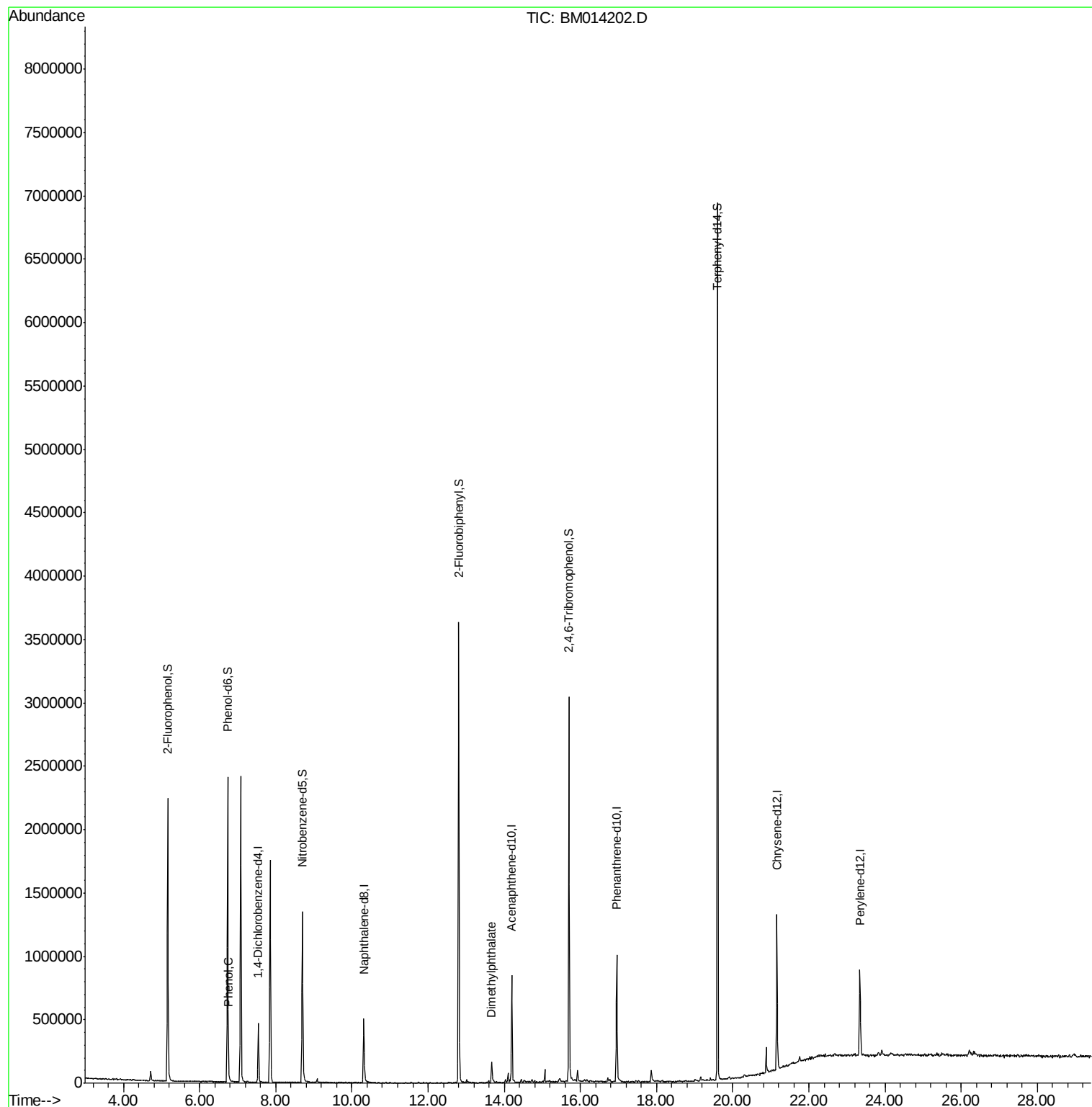
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.54  | 152  | 100759   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.31 | 136  | 405955   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.19 | 164  | 259574   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 16.96 | 188  | 593464   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.16 | 240  | 589721   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.34 | 264  | 498558   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.16  | 112  | 766913   | 132.66 | ng    | 0.00     |
| 7) Phenol-d6                | 6.73  | 99   | 1079282  | 131.82 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.70  | 82   | 750538   | 82.58  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.70 | 330  | 412431   | 111.97 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.80 | 172  | 1664195  | 80.03  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.60 | 244  | 2761472  | 91.50  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.76  | 94   | 23593    | 2.919  | ng    | 93       |
| 49) Dimethylphthalate       | 13.67 | 163  | 108134   | 4.653  | ng    | # 97     |

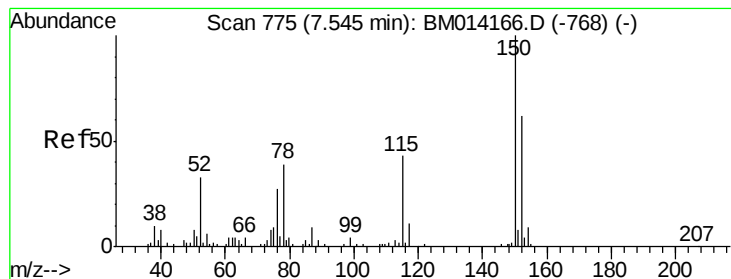
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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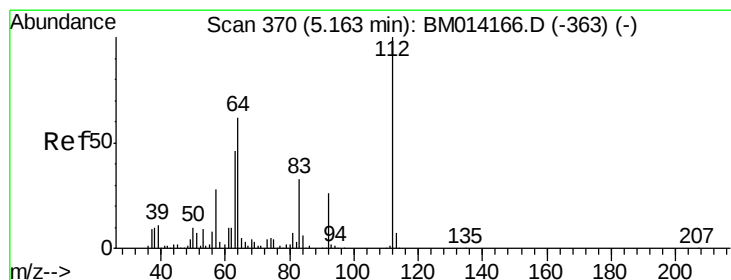
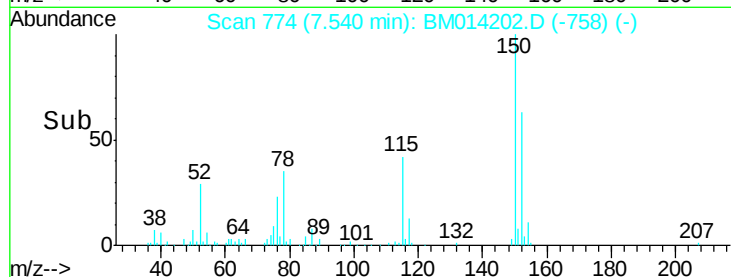
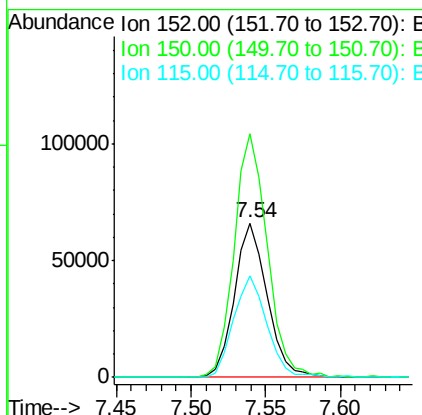
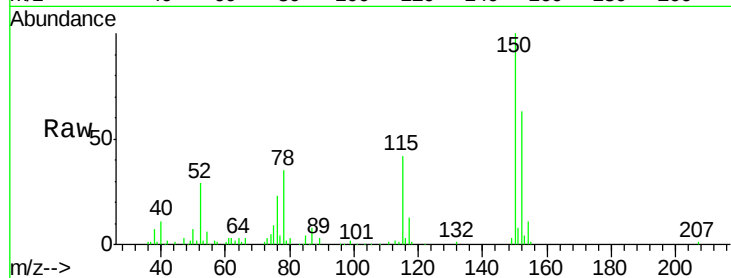


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.54 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

Instrument :  
BNA\_M  
ClientSampled :  
WABUT-2

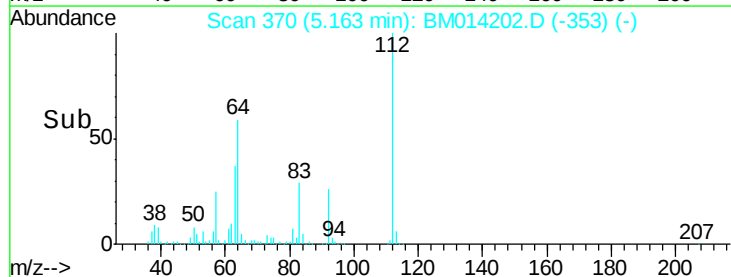
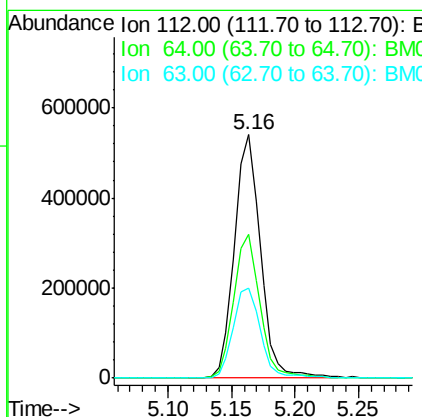
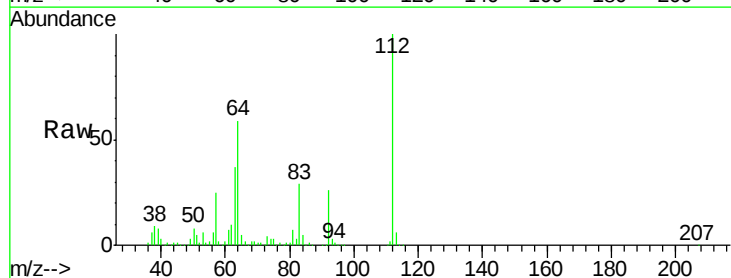
| Tot Ion | 152   | Resp  | 100759 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 152     | 100   |       |        |
| 150     | 157.6 | 119.5 | 179.3  |
| 115     | 66.0  | 43.0  | 64.4#  |

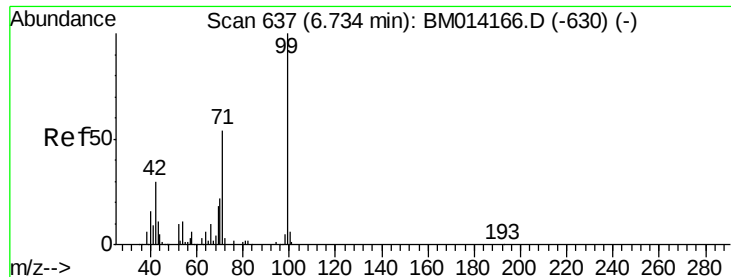


#5

2-Fluorophenol  
Concen: 132.665 ng  
RT: 5.16 min Scan# 370  
Delta R.T. 0.00 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

| Tgt Ion | 112   | Resp  | 766913 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 112     | 100   |       |        |
| 64      | 58.9  | 38.6  | 57.8#  |
| 63      | 37.2  | 19.3  | 28.9#  |





#7

Phenol-d6

Concen: 131.824 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014202.D

Acq: 08 Feb 2018 20:34

Instrument :

BNA\_M

ClientSampleId :

WABUT-2

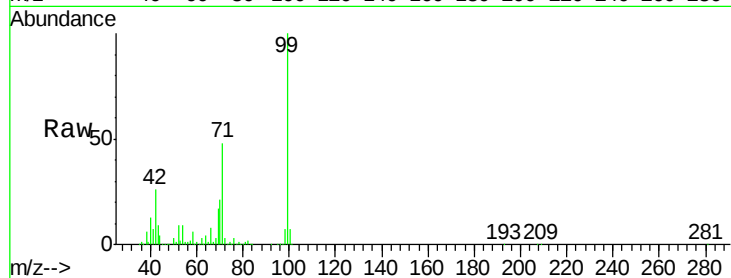
Tot Ion: 99 Resp: 1079282

Ion Ratio Lower Upper

99 100

42 25.6 11.0 16.4#

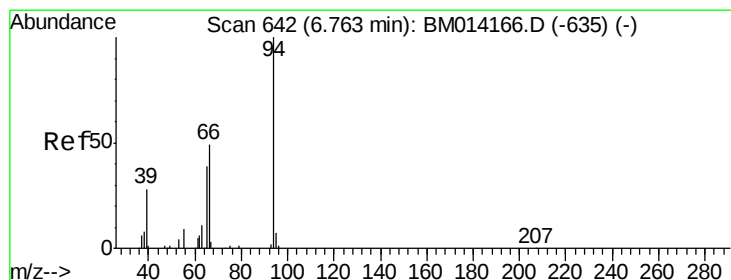
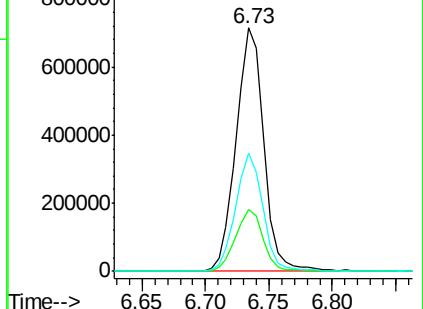
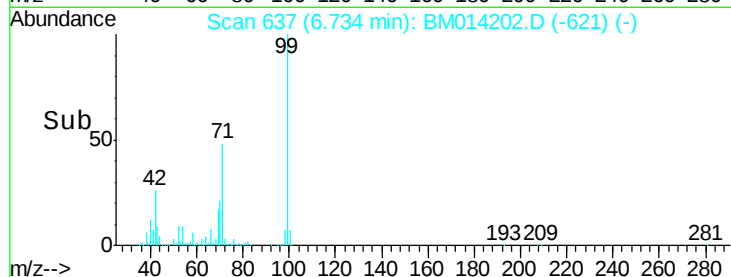
71 48.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014202.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014202.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014202.D (-621) (-)



#10

Phenol

Concen: 2.919 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM014202.D

Acq: 08 Feb 2018 20:34

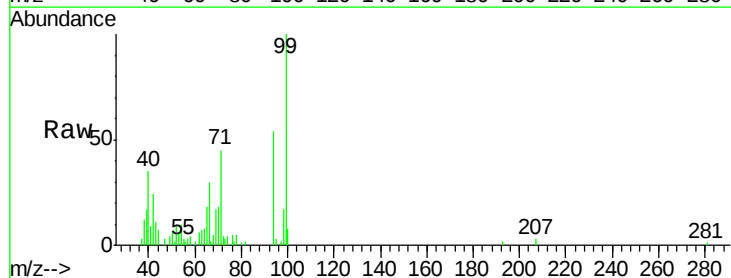
Tgt Ion: 94 Resp: 23593

Ion Ratio Lower Upper

94 100

65 33.9 18.8 58.8

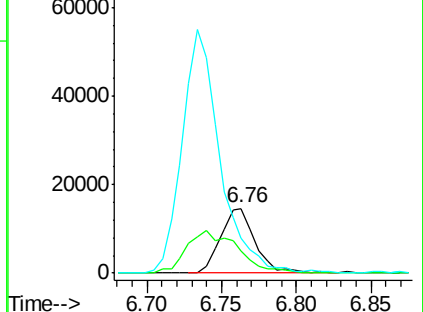
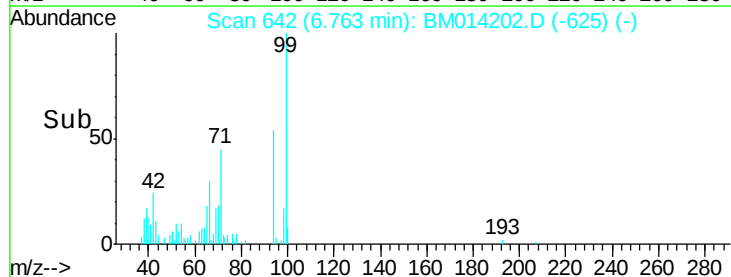
66 54.7 39.9 79.9

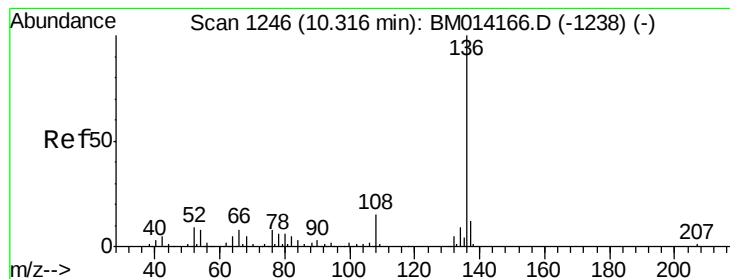


Abundance Ion 94.00 (93.70 to 94.70): BM014202.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BM014202.D (-625) (-)

Ion 66.00 (65.70 to 66.70): BM014202.D (-625) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014202.D

Acq: 08 Feb 2018 20:34

Instrument :

BNA\_M

ClientSampleId :

WABUT-2

Tot Ion:136 Resp: 405955

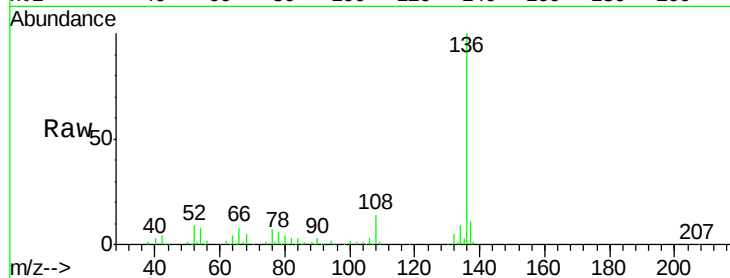
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.4 4.6 6.8#

68 5.2 3.7 5.5

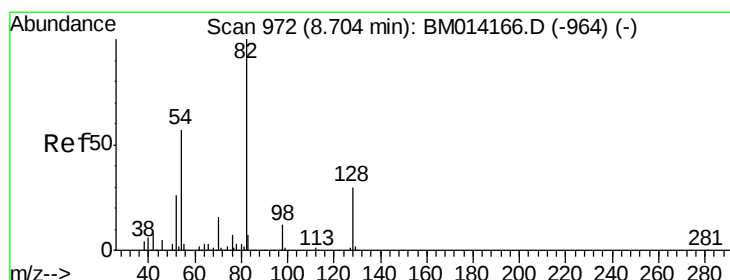
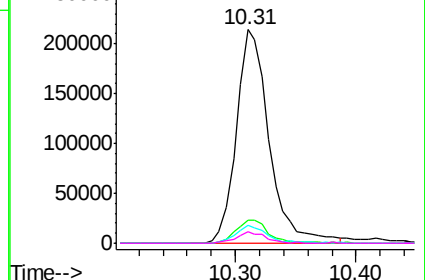
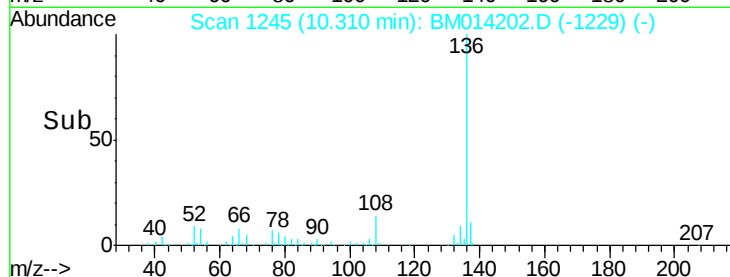


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 82.582 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM014202.D

Acq: 08 Feb 2018 20:34

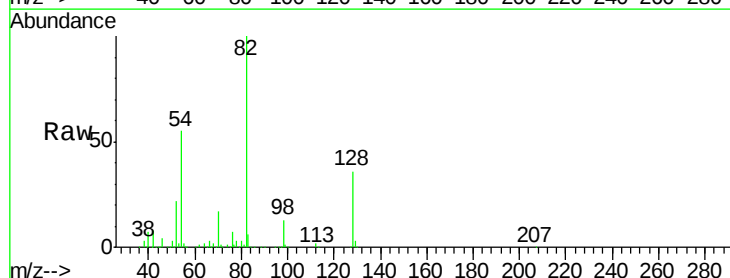
Tgt Ion: 82 Resp: 750538

Ion Ratio Lower Upper

82 100

128 36.4 32.8 49.2

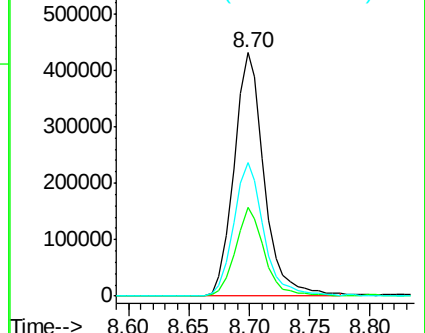
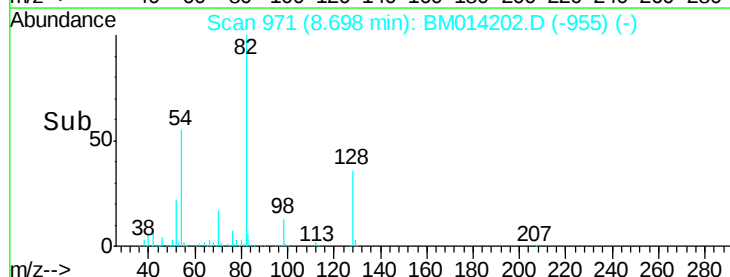
54 54.7 40.6 60.8

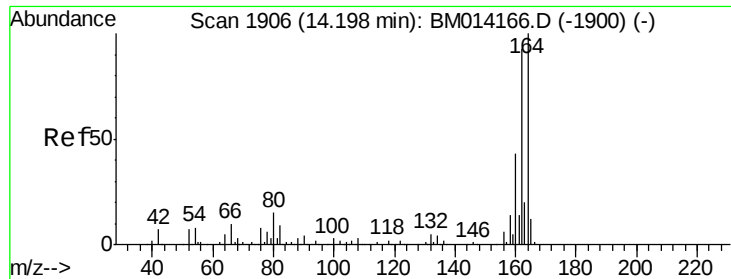


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

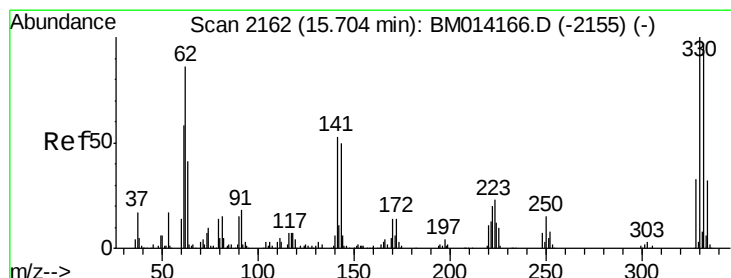
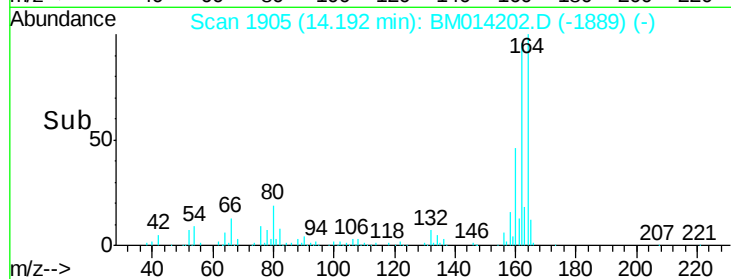
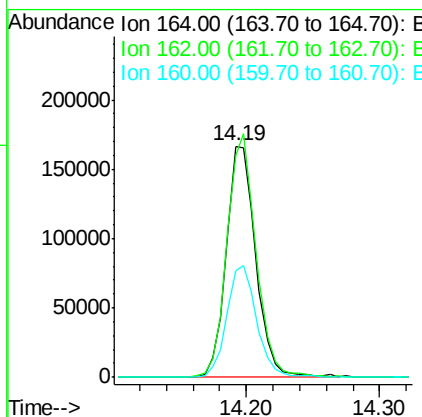
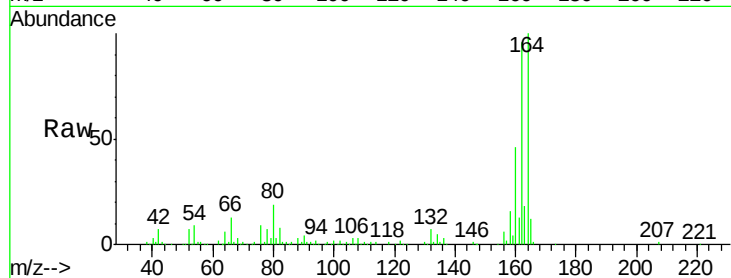




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.19 min Scan# 1905  
Delta R.T. -0.01 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

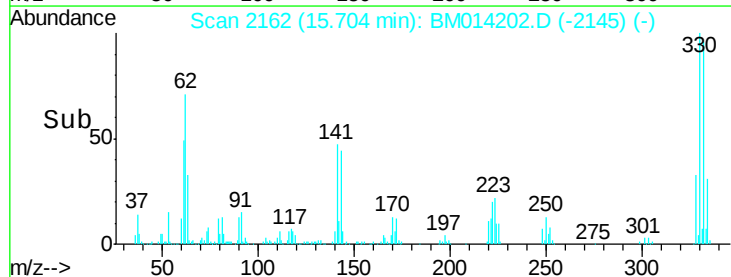
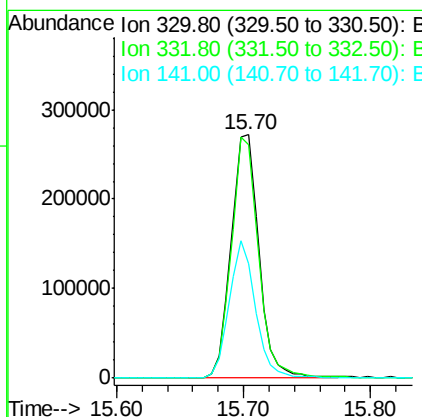
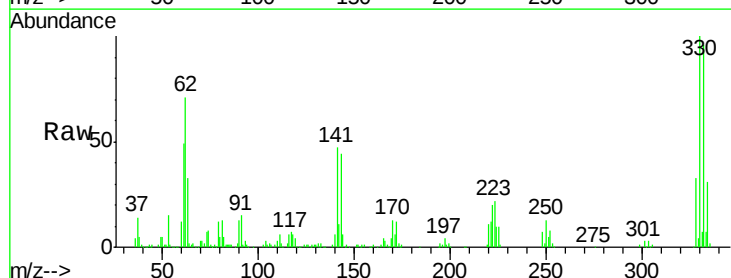
Instrument :  
BNA\_M  
ClientSampleId :  
WABUT-2

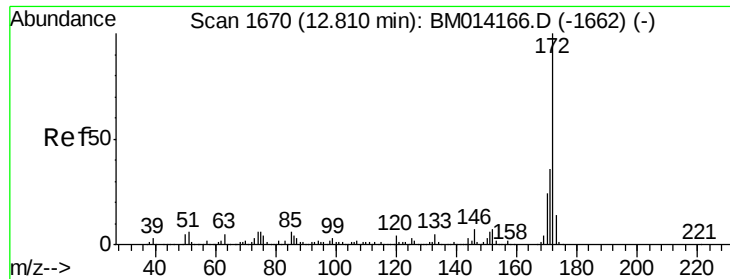
Tot Ion:164 Resp: 259574  
Ion Ratio Lower Upper  
164 100  
162 96.0 82.4 123.6  
160 46.0 35.8 53.6



#41  
2,4,6-Tribromophenol  
Concen: 111.974 ng  
RT: 15.70 min Scan# 2162  
Delta R.T. 0.00 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

Tgt Ion:330 Resp: 412431  
Ion Ratio Lower Upper  
330 100  
332 96.5 0.0 0.0#  
141 53.6 0.0 0.0#

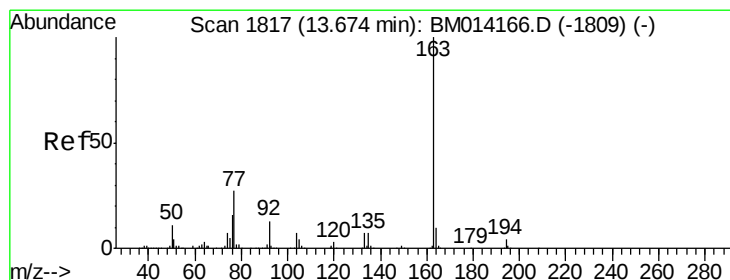
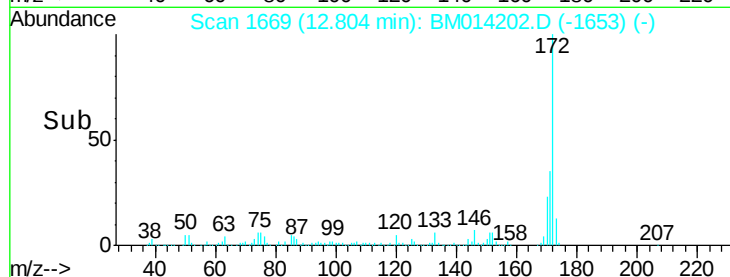
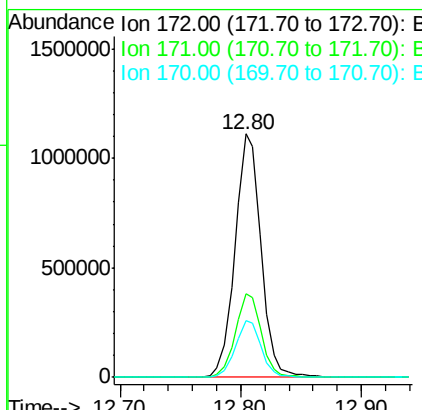
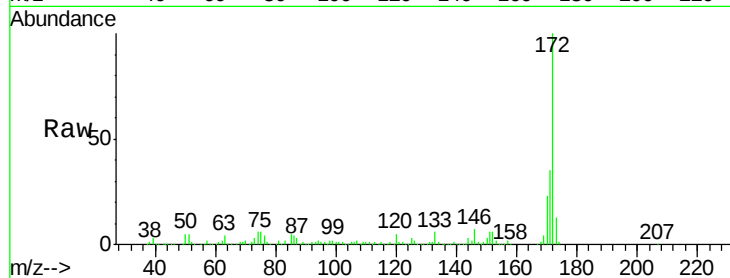




#44  
2-Fluorobiphenyl  
Concen: 80.032 ng  
RT: 12.80 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

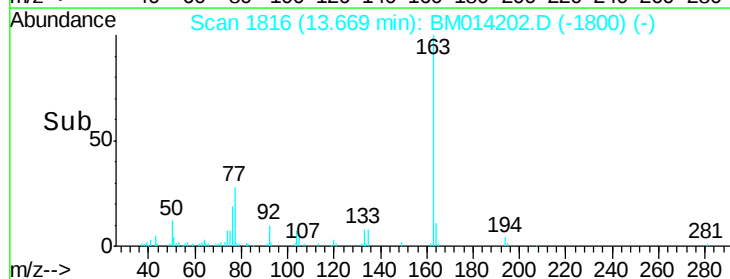
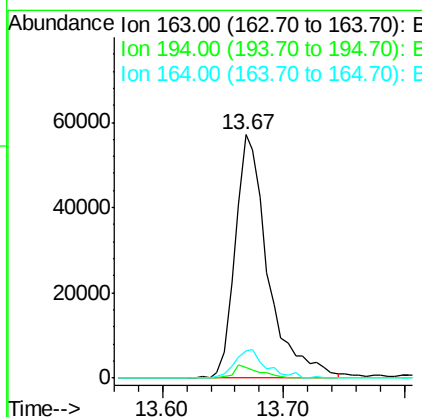
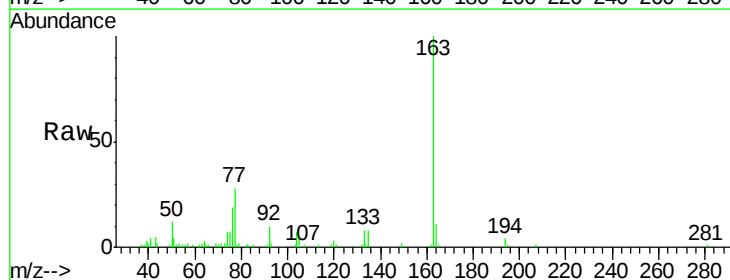
Instrument :  
BNA\_M  
ClientSampleID :  
WABUT-2

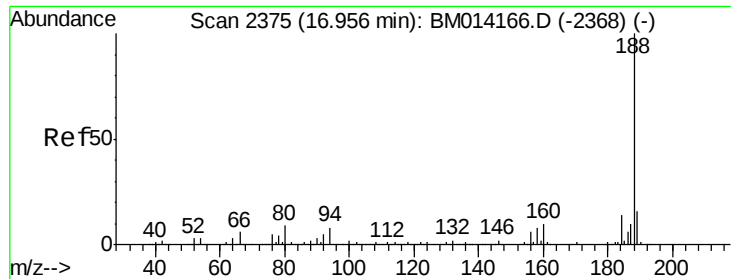
Tot Ion:172 Resp: 1664195  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.5 42.7  
170 23.1 18.8 28.2



#49  
Dimethylphthalate  
Concen: 4.653 ng  
RT: 13.67 min Scan# 1816  
Delta R.T. -0.01 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

Tgt Ion:163 Resp: 108134  
Ion Ratio Lower Upper  
163 100  
194 4.2 2.7 4.1#  
164 11.3 8.2 12.2

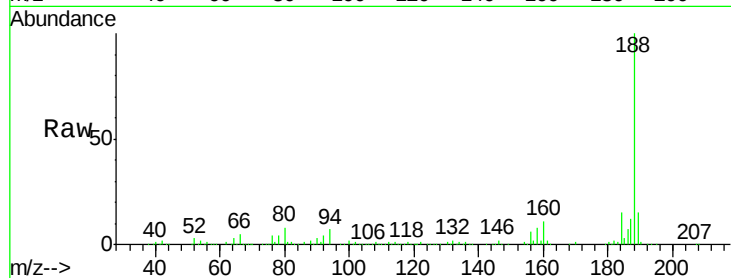




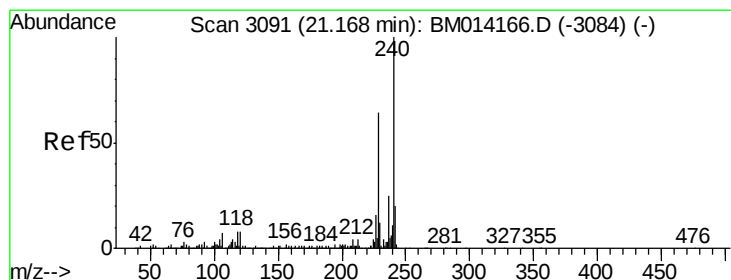
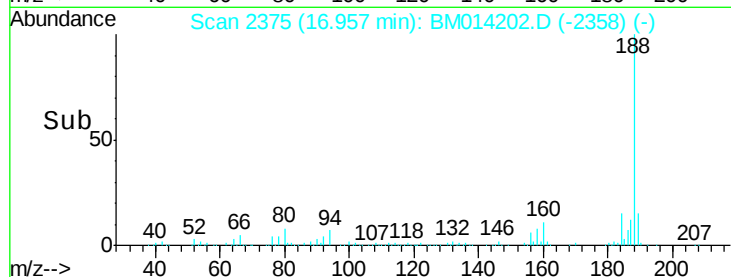
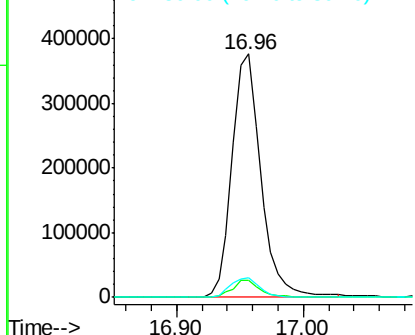
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.96 min Scan# 2375  
Delta R.T. 0.00 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

Instrument :  
BNA\_M  
ClientSampleId :  
WABUT-2

Tot Ion:188 Resp: 593464  
Ion Ratio Lower Upper  
188 100  
94 6.9 8.7 13.1#  
80 7.9 9.3 13.9#

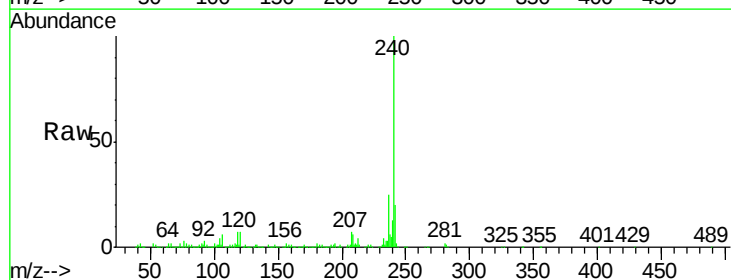


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM0  
Ion 80.00 (79.70 to 80.70): BM0

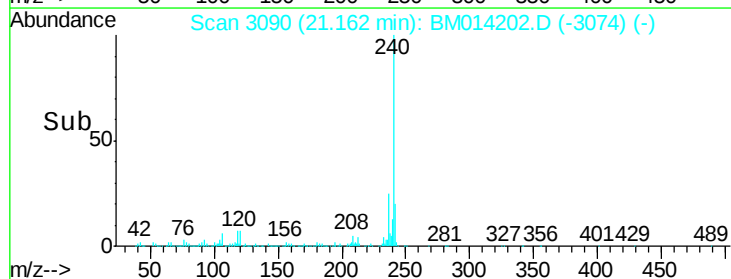
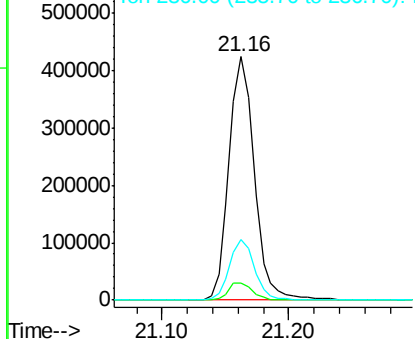


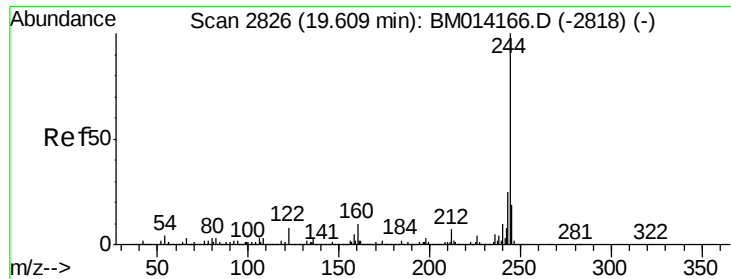
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.16 min Scan# 3090  
Delta R.T. -0.01 min  
Lab File: BM014202.D  
Acq: 08 Feb 2018 20:34

Tgt Ion:240 Resp: 589721  
Ion Ratio Lower Upper  
240 100  
120 7.2 8.2 12.2#  
236 24.8 20.0 30.0



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





#78

Terphenyl-d14

Concen: 91.497 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014202.D

Acq: 08 Feb 2018 20:34

Instrument :

BNA\_M

ClientSampleId :

WABUT-2

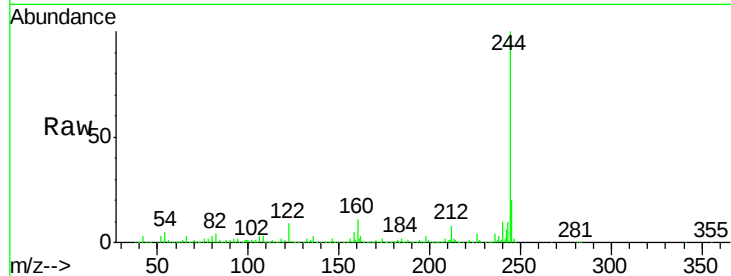
Tot Ion:244 Resp: 2761472

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

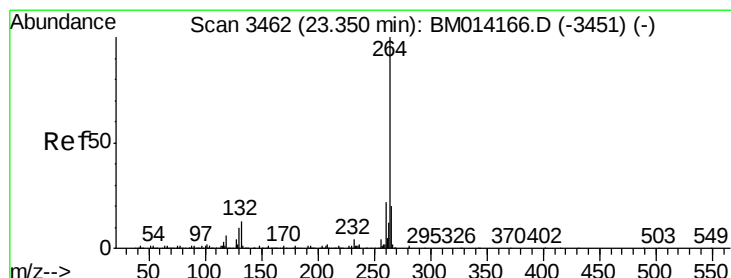
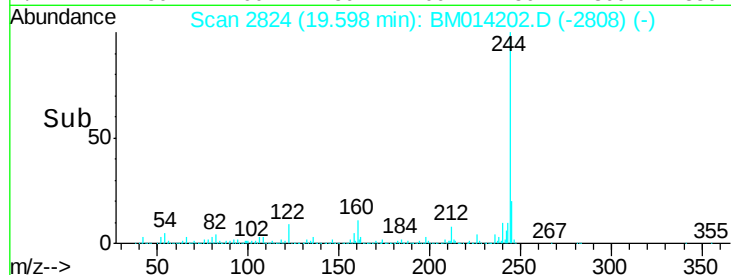
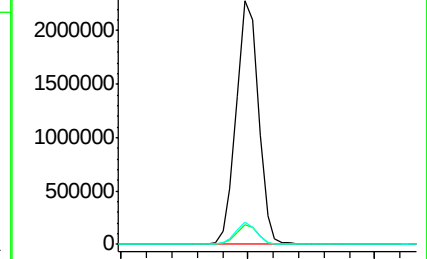
122 9.4 6.2 9.4



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: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014202.D

Acq: 08 Feb 2018 20:34

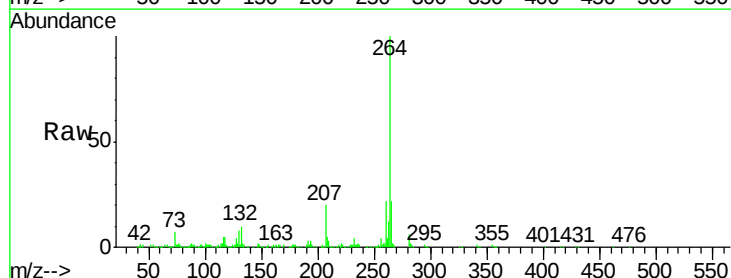
Tgt Ion:264 Resp: 498558

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 22.2 17.3 25.9



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

