

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
 Data File : BM016633.D  
 Acq On : 28 Aug 2018 08:58  
 Operator : SJ/JU  
 Sample : J4648-10  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 28 09:50:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

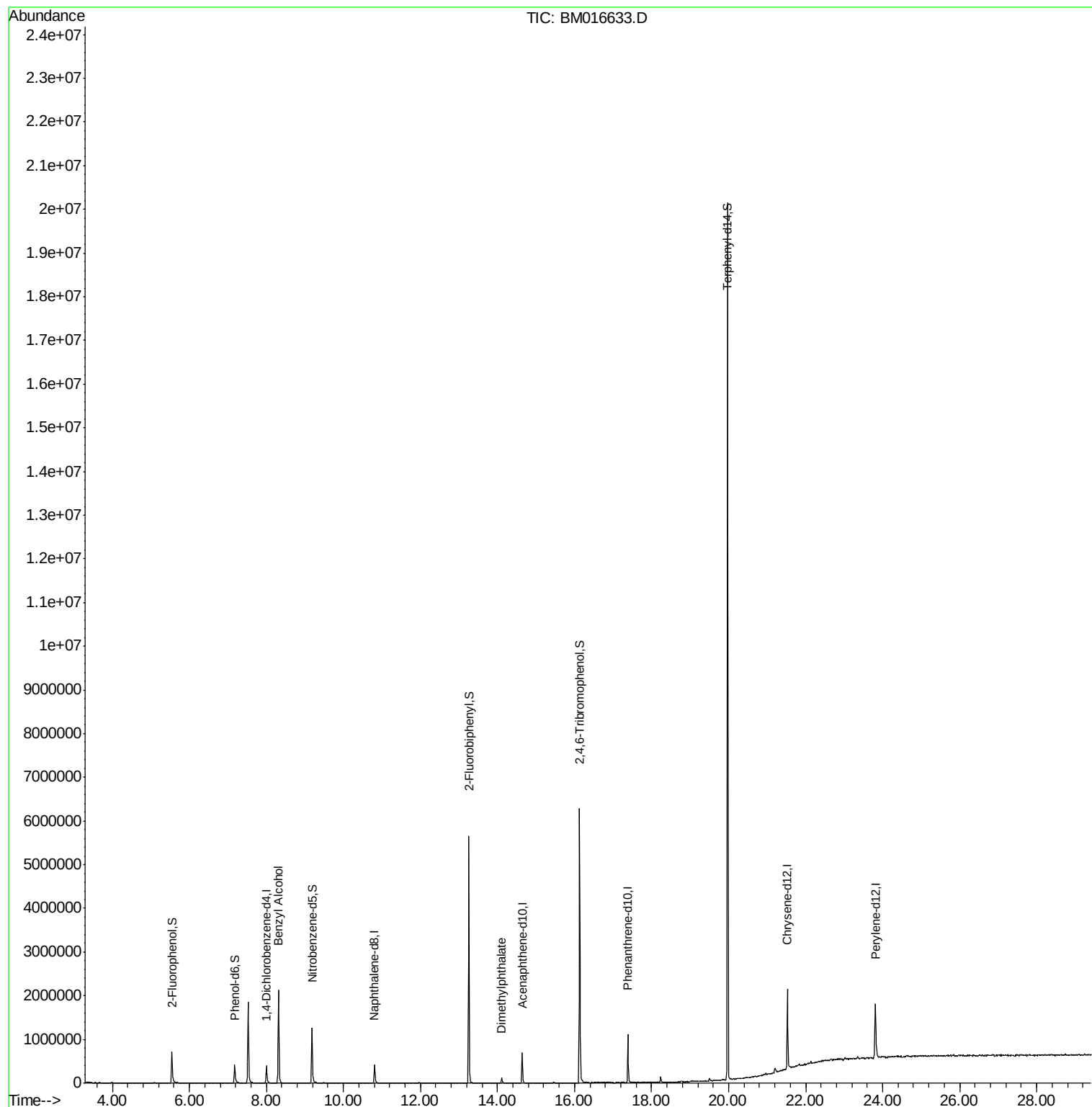
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 84708    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.80 | 136  | 269921   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.64 | 164  | 195501   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.39 | 188  | 644317   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.53 | 240  | 886211   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.81 | 264  | 982073   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.55  | 112  | 253935   | 58.74  | ng    | 0.00     |
| 7) Phenol-d6                | 7.17  | 99   | 187452   | 32.77  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 716327   | 121.17 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.13 | 330  | 961261   | 175.89 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.26 | 172  | 2387808  | 117.40 | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.97 | 244  | 7071272  | 168.89 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 8.31  | 79   | 17318    | 3.260  | ng    | # 1      |
| 49) Dimethylphthalate       | 14.11 | 163  | 81870    | 4.359  | ng    | # 96     |

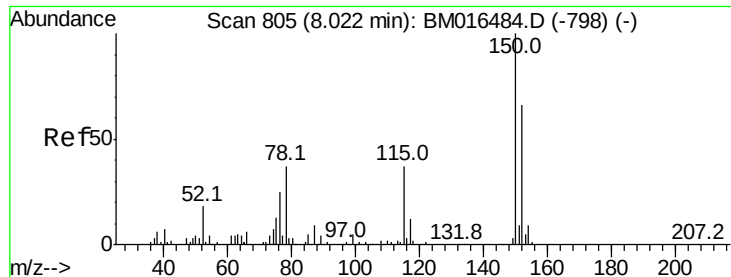
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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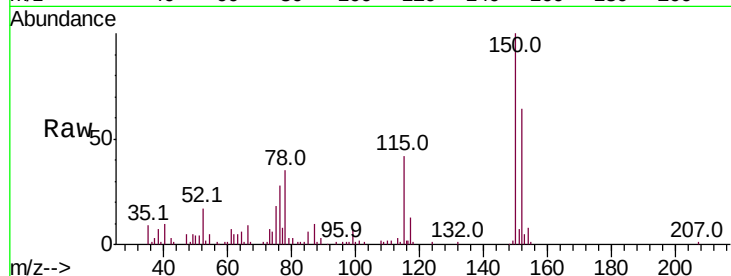


#1

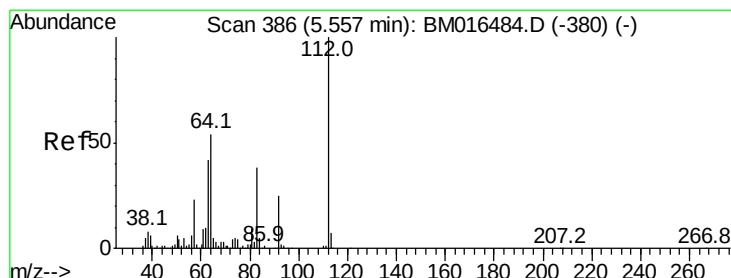
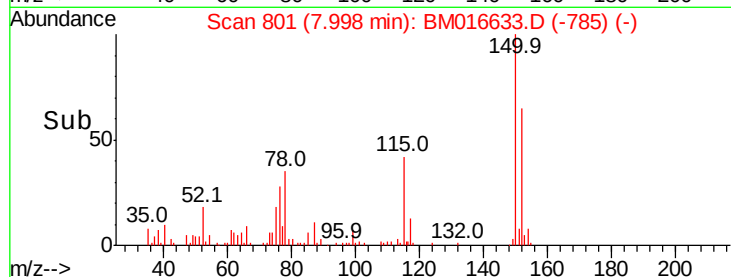
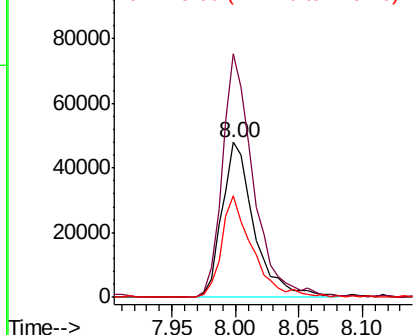
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:152 Resp: 84708  
Ion Ratio Lower Upper  
152 100  
150 157.2 119.5 179.3  
115 65.7 43.0 64.4#



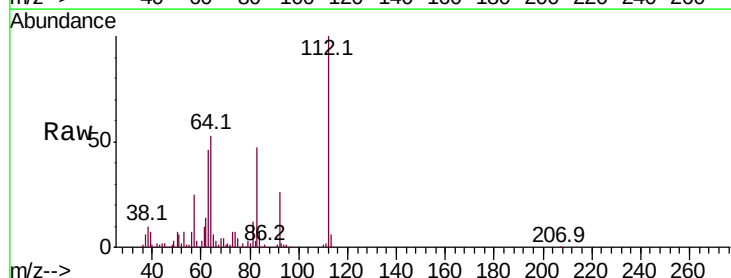
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



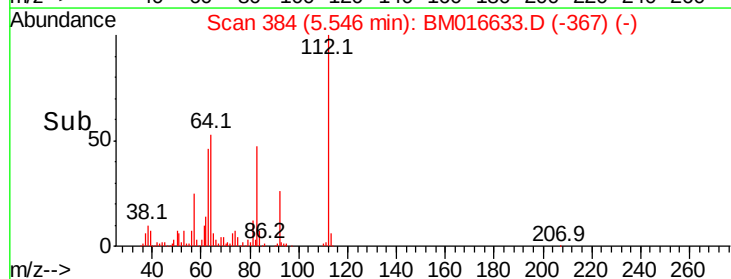
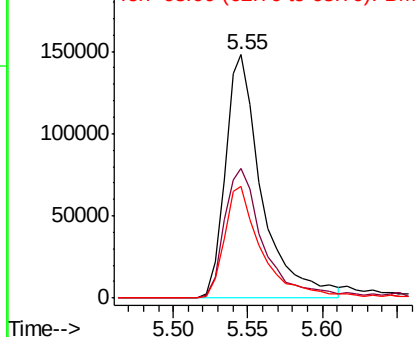
#5

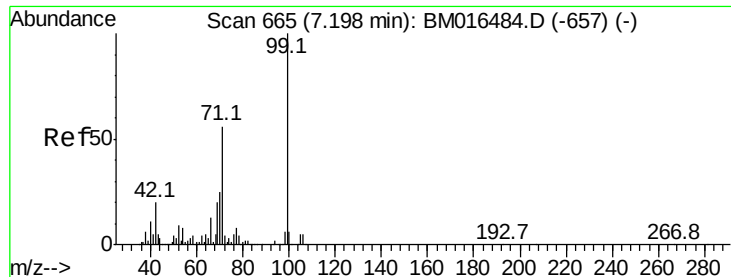
2-Fluorophenol  
Concen: 58.744 ng  
RT: 5.55 min Scan# 384  
Delta R.T. 0.00 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

Tgt Ion:112 Resp: 253935  
Ion Ratio Lower Upper  
112 100  
64 53.4 38.6 57.8  
63 45.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 32.770 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016633.D

Acq: 28 Aug 2018 08:58

Instrument :

BNA\_M

ClientSampleId :

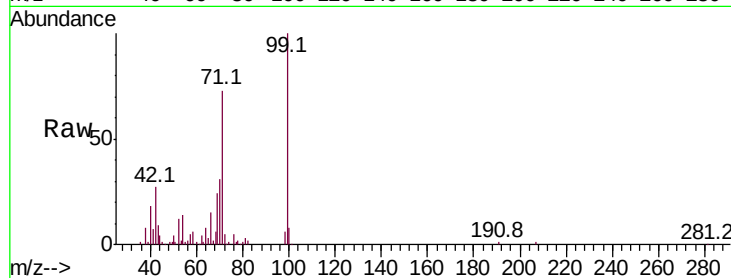
Tot Ion: 99 Resp: 187452

Ion Ratio Lower Upper

99 100

42 27.0 11.0 16.4#

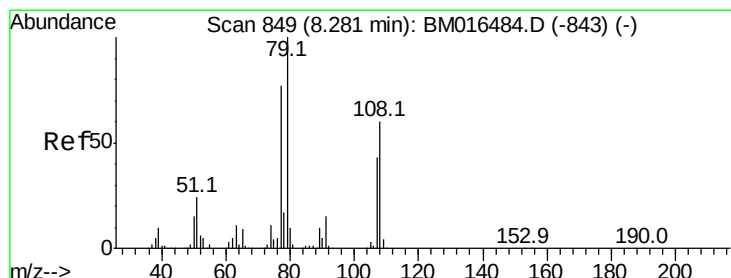
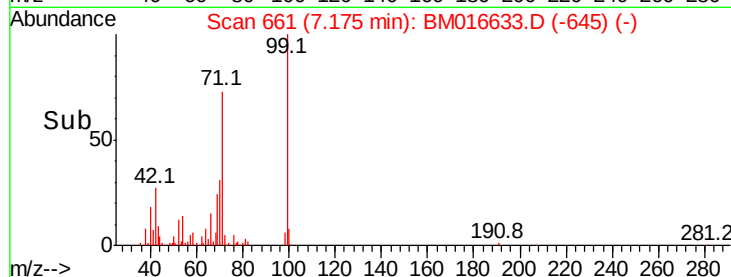
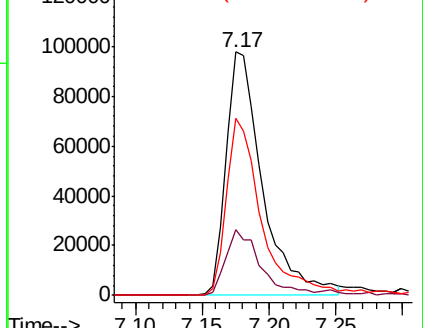
71 72.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 3.260 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.04 min

Lab File: BM016633.D

Acq: 28 Aug 2018 08:58

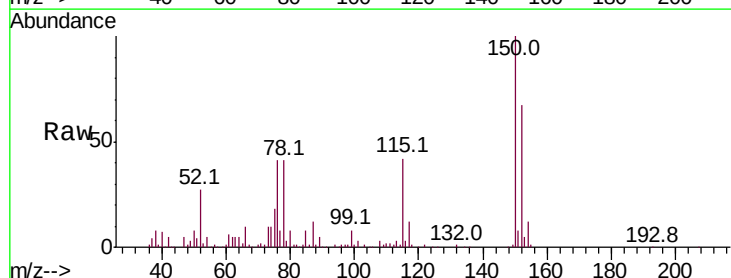
Tgt Ion: 79 Resp: 17318

Ion Ratio Lower Upper

79 100

108 87.8 65.0 97.4

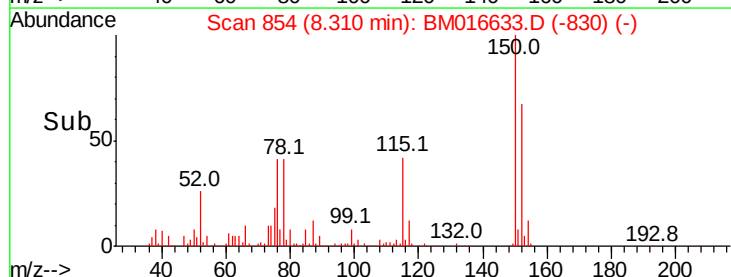
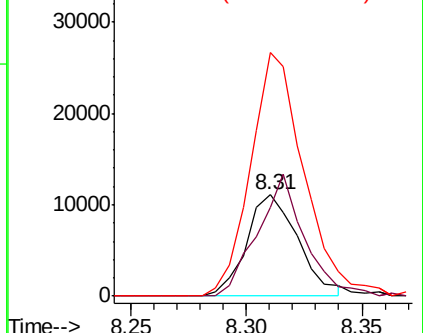
77 240.4 53.0 79.6#

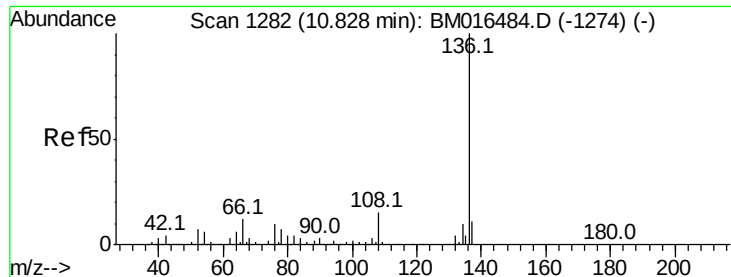


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

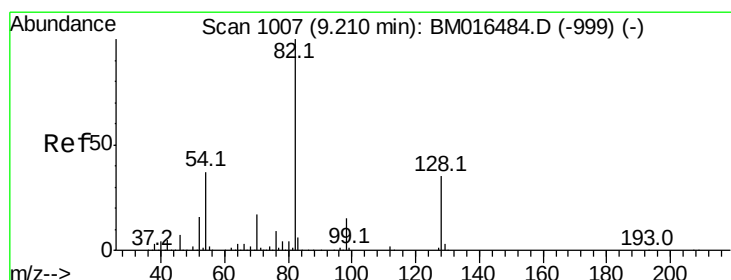
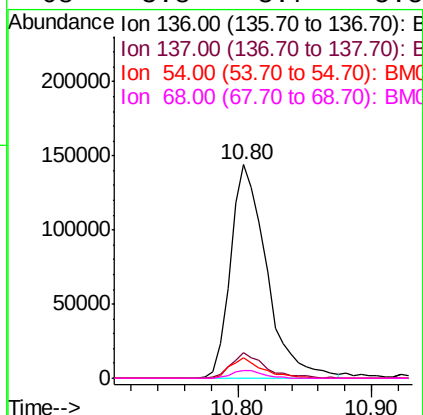
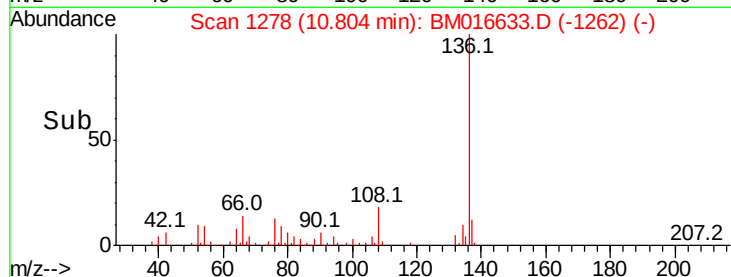
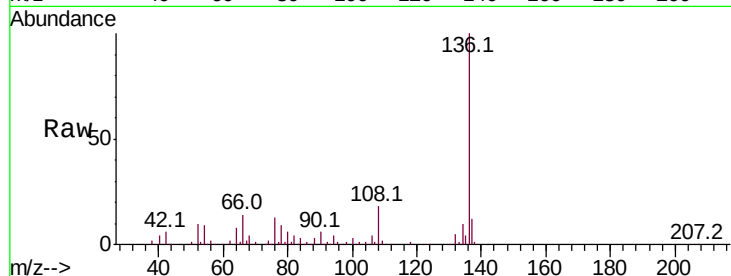




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1278  
Delta R.T. -0.01 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

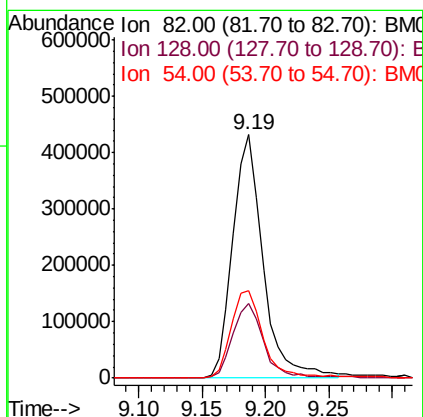
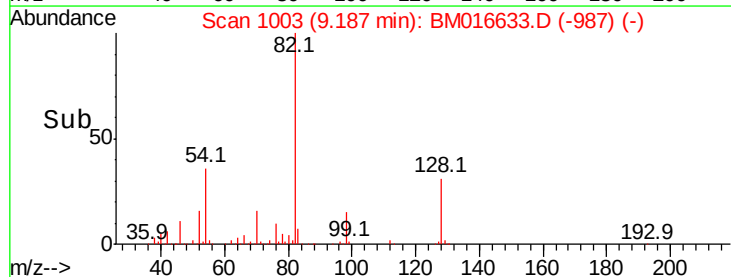
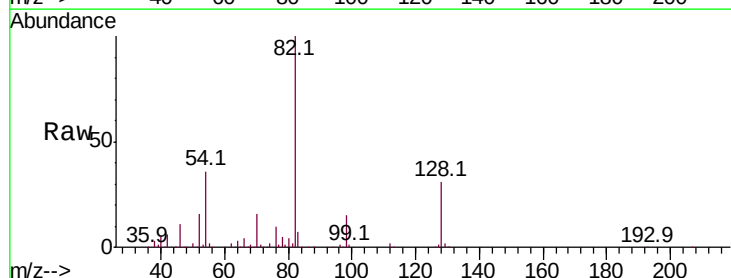
Instrument :  
BNA\_M  
ClientSampleId :

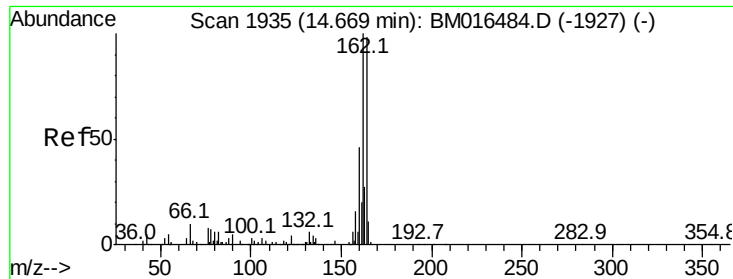
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 269921 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.1  | 8.7   | 13.1   |
| 54       | 9.4   | 4.6   | 6.8#   |
| 68       | 3.8   | 3.7   | 5.5    |



#23  
Nitrobenzene-d5  
Concen: 121.172 ng  
RT: 9.19 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 716327 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 30.9  | 32.8  | 49.2#  |
| 54       | 35.7  | 40.6  | 60.8#  |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM016633.D

Acq: 28 Aug 2018 08:58

Instrument :

BNA\_M

ClientSampleId :

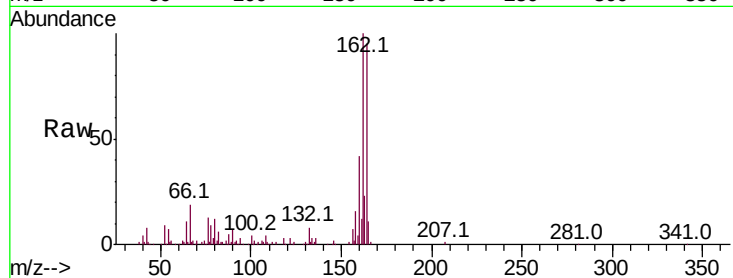
Tot Ion:164 Resp: 195501

Ion Ratio Lower Upper

164 100

162 105.7 82.4 123.6

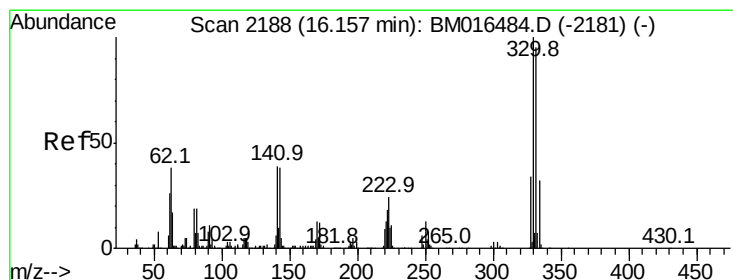
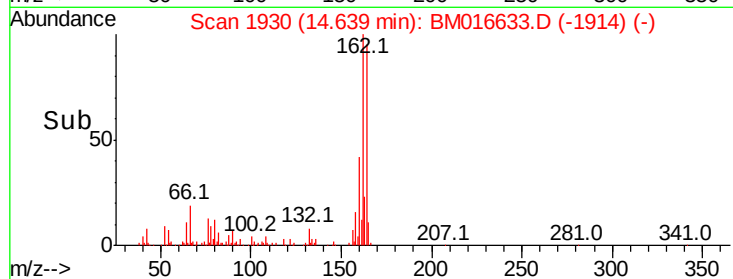
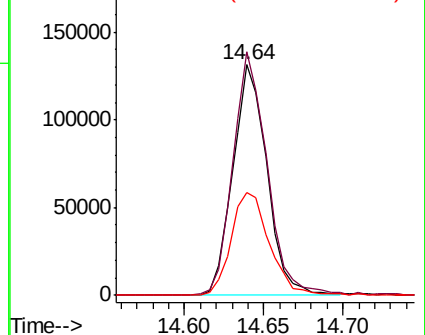
160 44.8 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 175.891 ng

RT: 16.13 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM016633.D

Acq: 28 Aug 2018 08:58

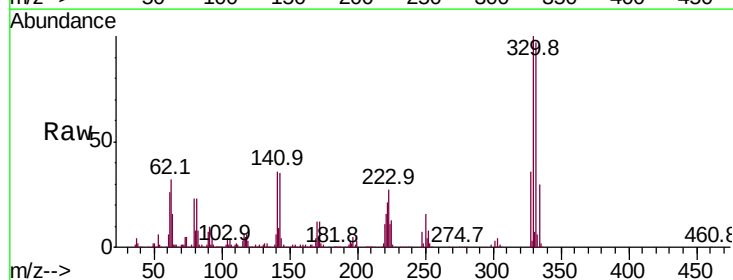
Tgt Ion:330 Resp: 961261

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

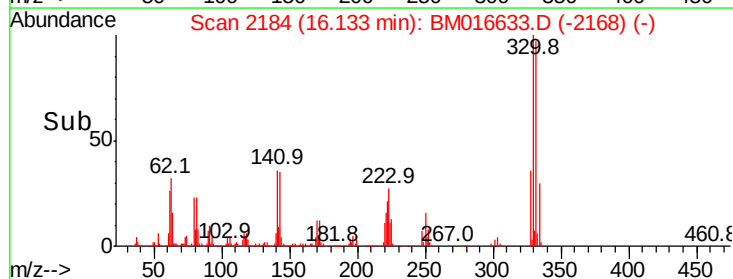
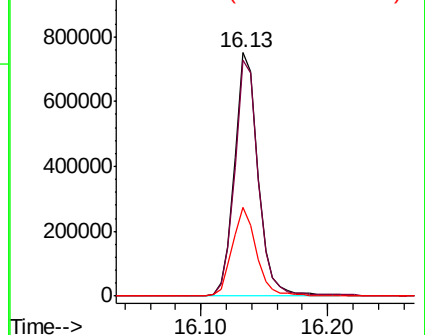
141 37.3 0.0 0.0#

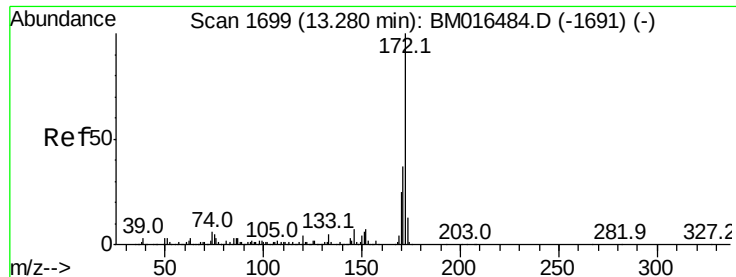


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

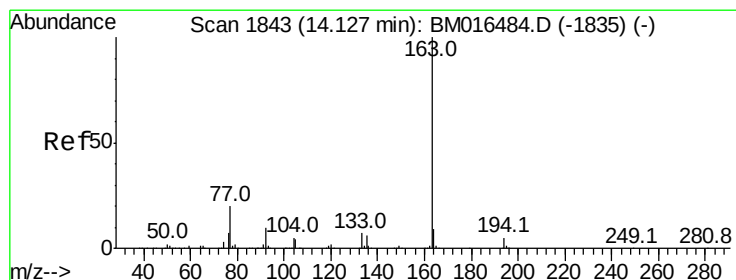
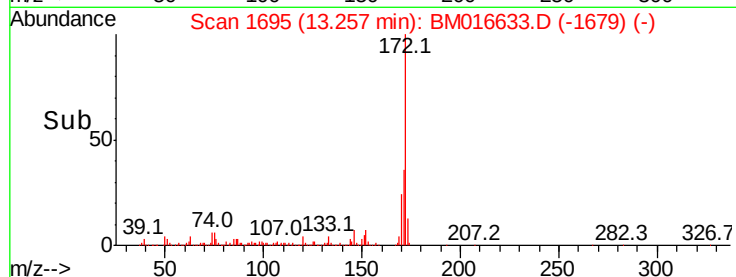
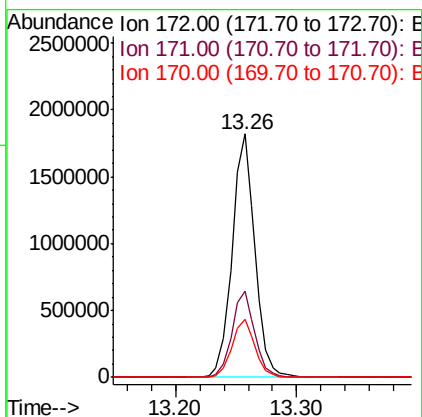
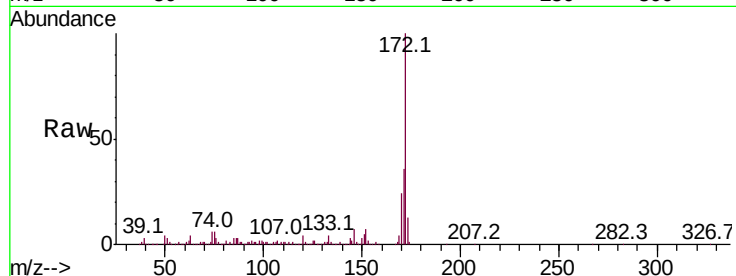




#44  
2-Fluorobiphenyl  
Concen: 117.402 ng  
RT: 13.26 min Scan# 1695  
Delta R.T. -0.01 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

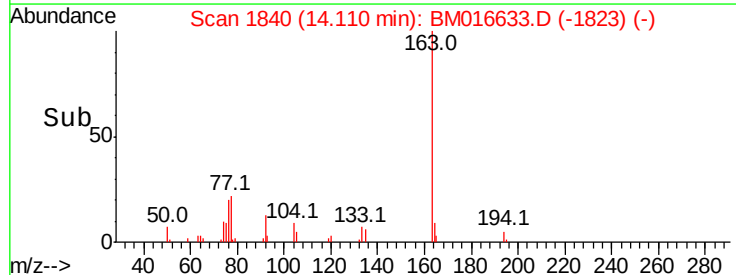
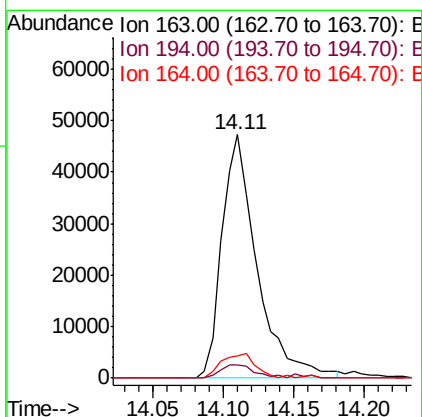
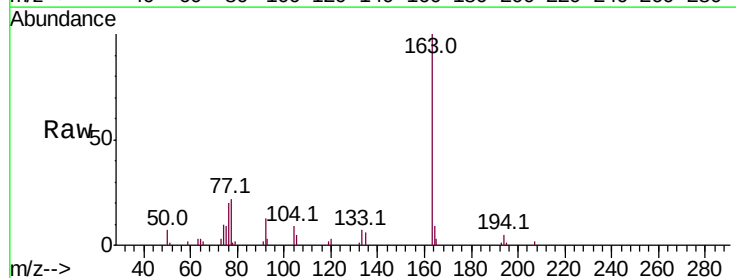
Instrument :  
BNA\_M  
ClientSampled :

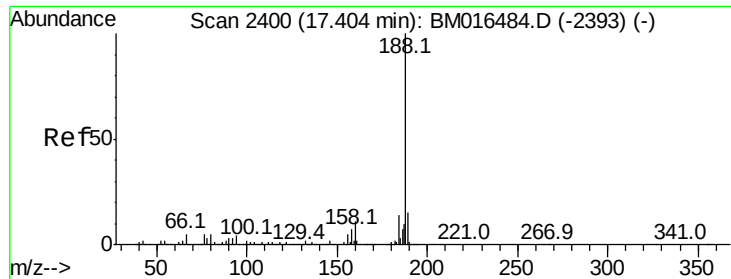
Tot Ion:172 Resp: 2387808  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 23.8 18.8 28.2



#49  
Dimethylphthalate  
Concen: 4.359 ng  
RT: 14.11 min Scan# 1840  
Delta R.T. 0.00 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

Tgt Ion:163 Resp: 81870  
Ion Ratio Lower Upper  
163 100  
194 5.3 2.7 4.1#  
164 8.9 8.2 12.2

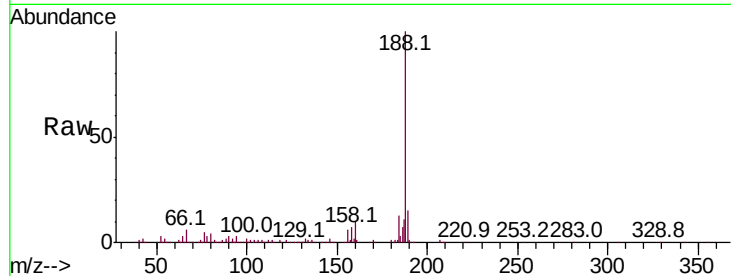




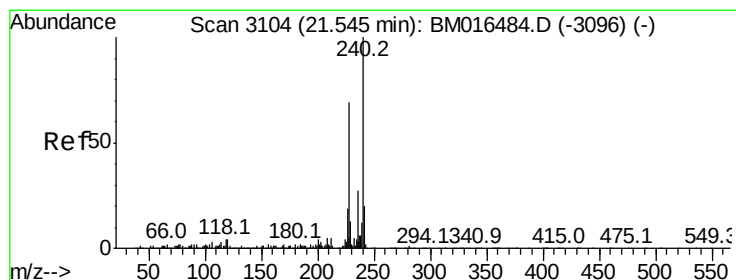
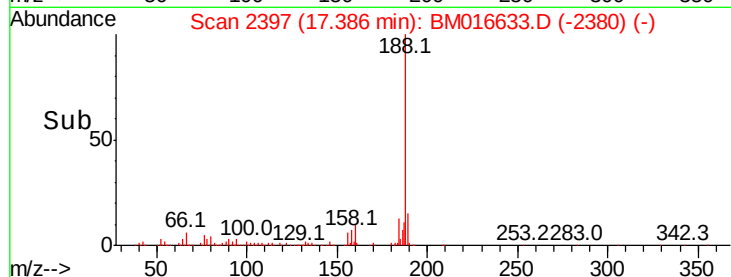
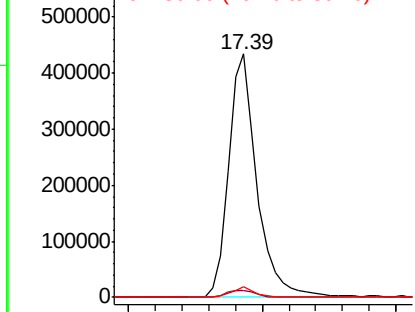
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2397  
Delta R.T. 0.00 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 3.0   | 8.7   | 13.1# |
| 80      | 4.3   | 9.3   | 13.9# |

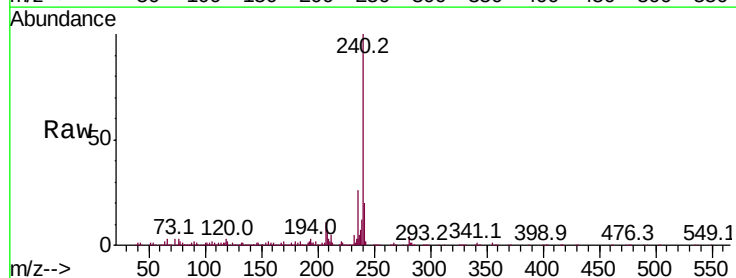


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM0  
Ion 80.00 (79.70 to 80.70): BM0

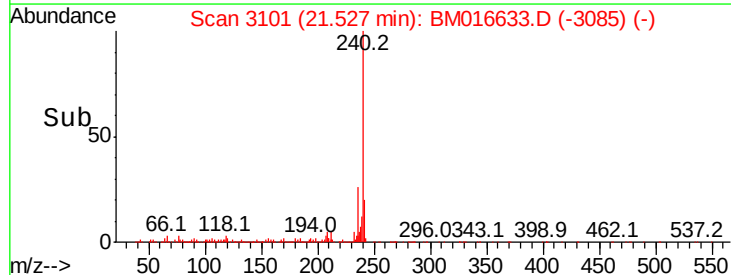
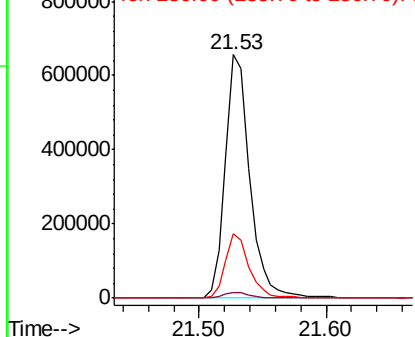


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.53 min Scan# 3101  
Delta R.T. -0.01 min  
Lab File: BM016633.D  
Acq: 28 Aug 2018 08:58

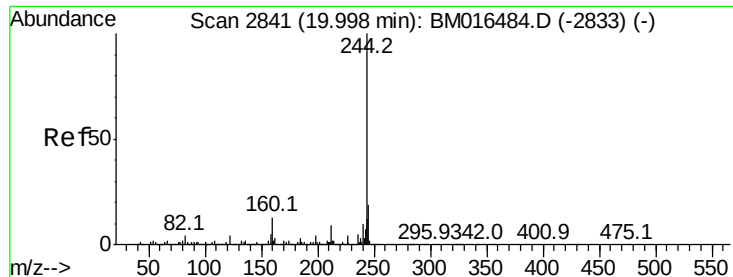
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 2.4   | 8.2   | 12.2# |
| 236     | 26.2  | 20.0  | 30.0  |



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: 168.886 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016633.D

Acq: 28 Aug 2018 08:58

Instrument :

BNA\_M

ClientSampleId :

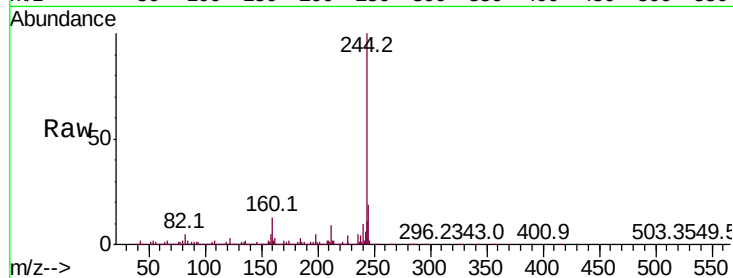
Tot Ion:244 Resp: 7071272

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

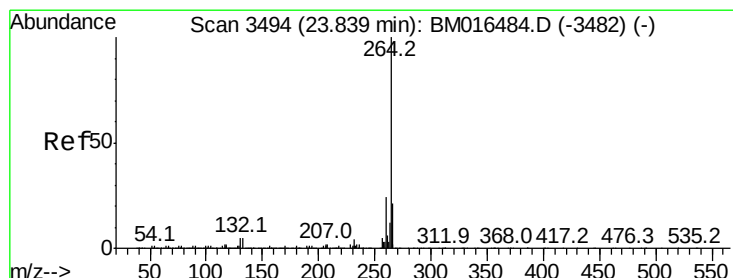
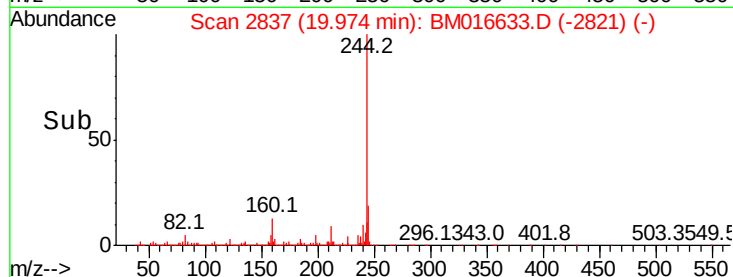
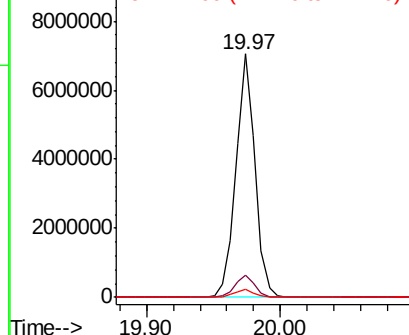
122 3.1 6.2 9.4#



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: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016633.D

Acq: 28 Aug 2018 08:58

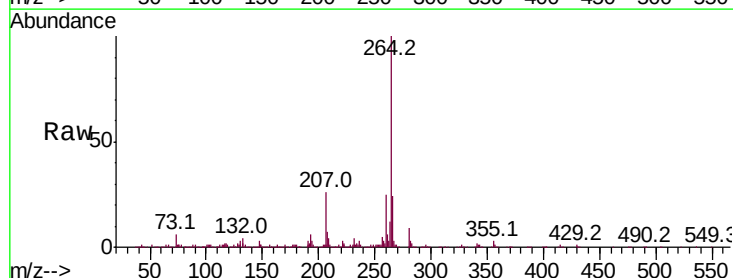
Tgt Ion:264 Resp: 982073

Ion Ratio Lower Upper

264 100

260 25.1 18.6 27.8

265 23.5 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

