

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\  
 Data File : BM017656.D  
 Acq On : 14 Nov 2018 20:27  
 Operator : MJ/SJ  
 Sample : J5889-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WALL-F

Quant Time: Nov 15 03:49:06 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

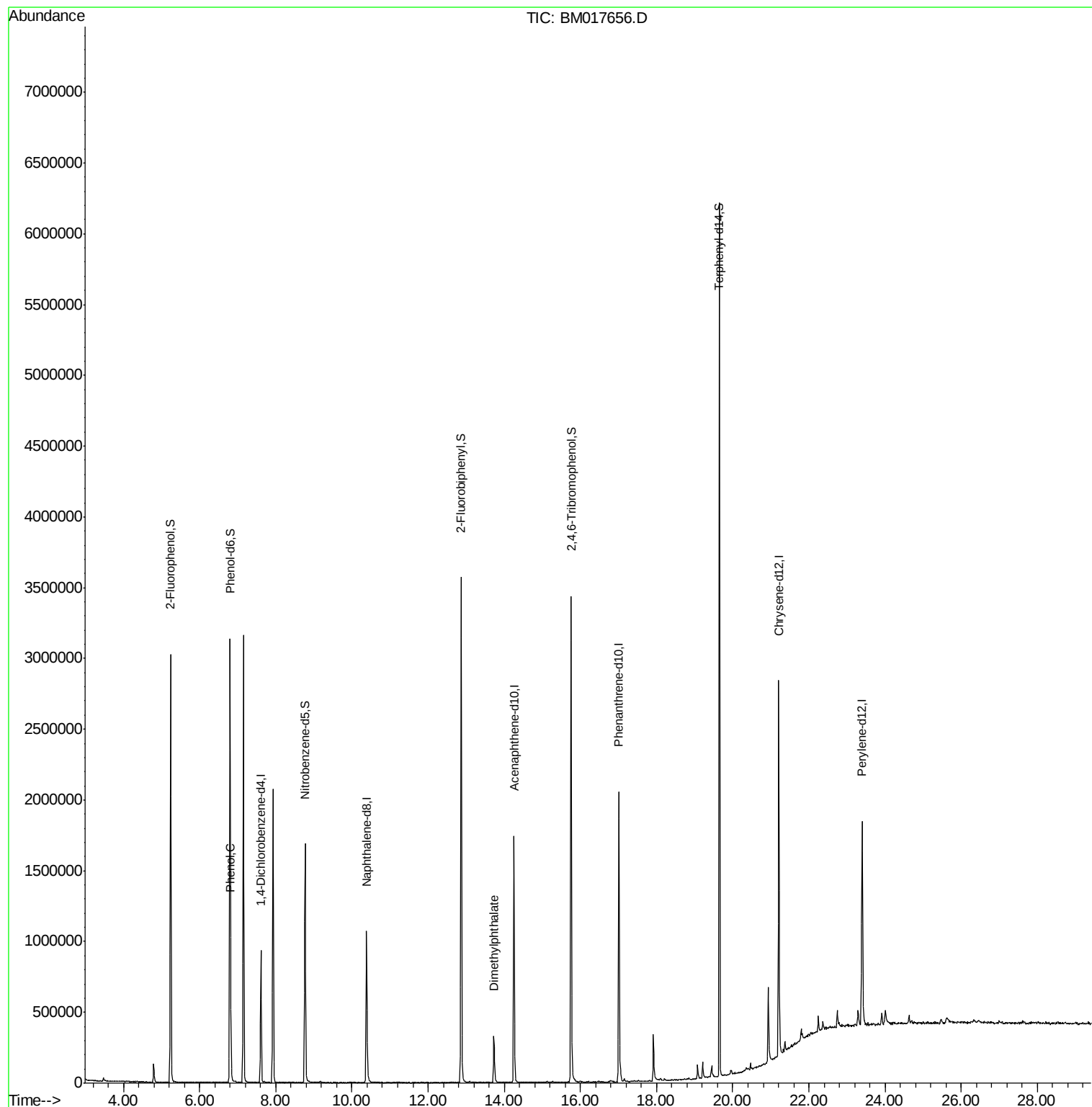
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 239168   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.39 | 136  | 960659   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.26 | 164  | 562299   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.01 | 188  | 1260372  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.21 | 240  | 1245790  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 23.40 | 264  | 1096923  | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.24  | 112  | 1198701  | 84.58 | ng    | 0.00     |
| 7) Phenol-d6                | 6.80  | 99   | 1652391  | 83.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.77  | 82   | 985921   | 52.98 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.76 | 330  | 633019   | 78.35 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.87 | 172  | 1873564  | 43.23 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.65 | 244  | 2790594  | 50.77 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.82  | 94   | 99463    | 4.788 | ng    | 92       |
| 50) Dimethylphthalate       | 13.73 | 163  | 273693   | 5.987 | ng    | 98       |

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 12 18:37:25 2018  
Response via : Initial Calibration



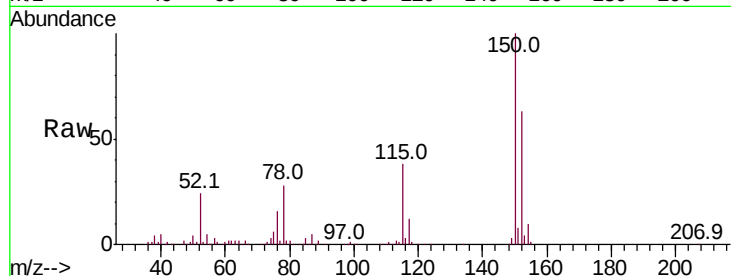


#1

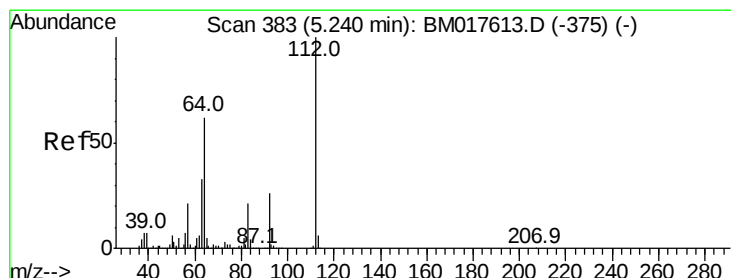
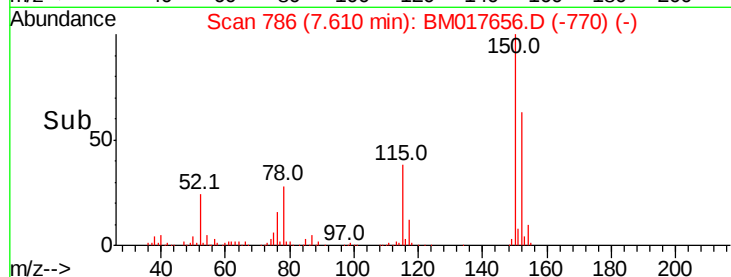
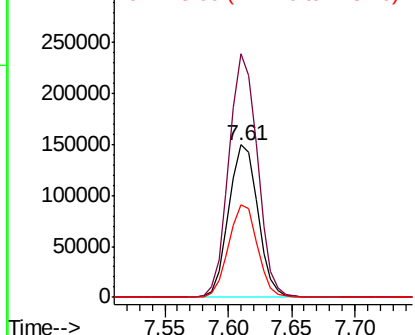
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.61 min Scan# 786  
Delta R.T. -0.01 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

Instrument :  
BNA\_M  
ClientSampleId :  
WALL-F

Tot Ion:152 Resp: 239168  
Ion Ratio Lower Upper  
152 100  
150 159.6 126.4 189.6  
115 61.0 49.4 74.0



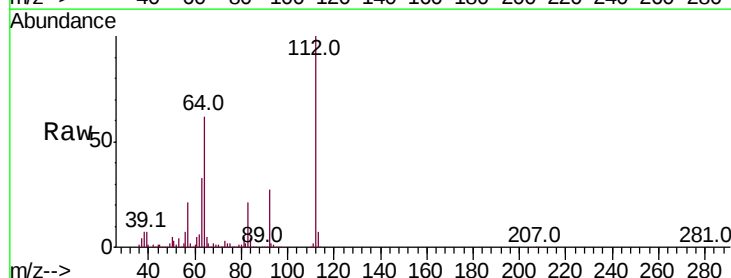
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



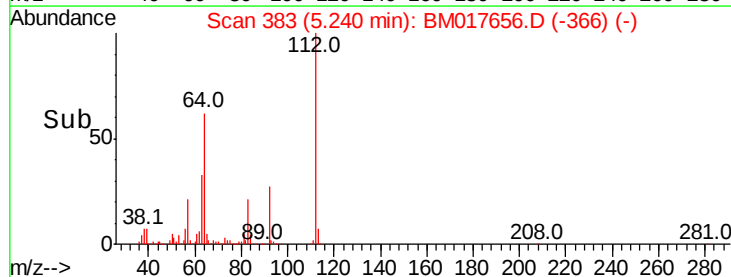
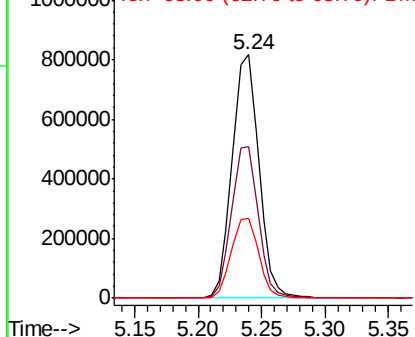
#5

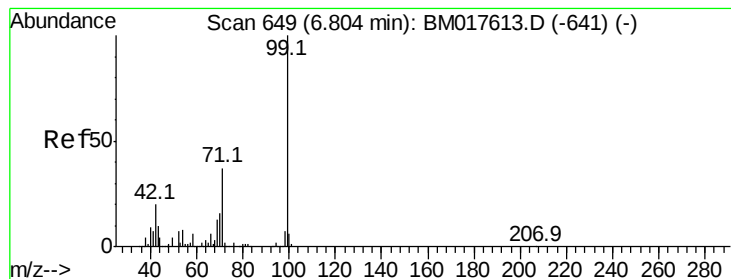
2-Fluorophenol  
Concen: 84.584 ng  
RT: 5.24 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

Tgt Ion:112 Resp: 1198701  
Ion Ratio Lower Upper  
112 100  
64 62.1 49.3 73.9  
63 32.7 26.2 39.4



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: 83.484 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017656.D

Acq: 14 Nov 2018 20:27

Instrument :

BNA\_M

ClientSampleId :

WALL-F

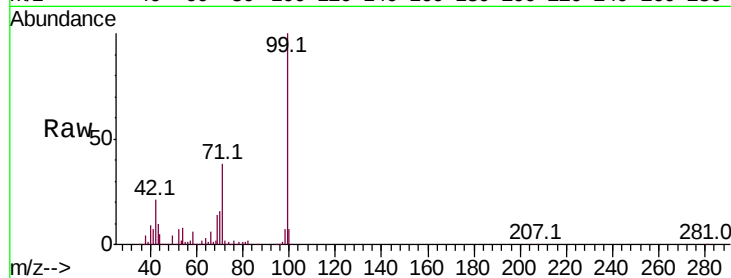
Tot Ion: 99 Resp: 1652391

Ion Ratio Lower Upper

99 100

42 20.6 16.3 24.5

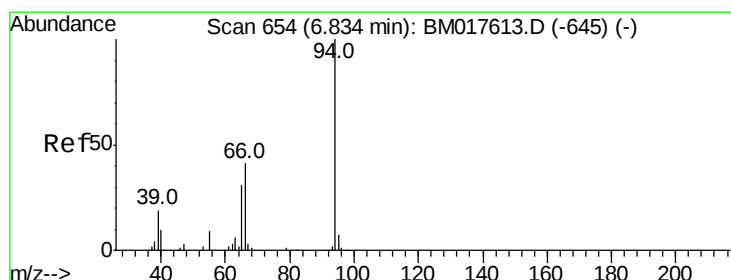
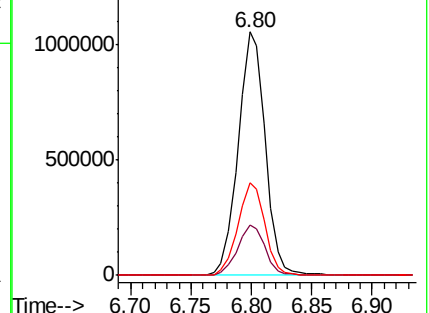
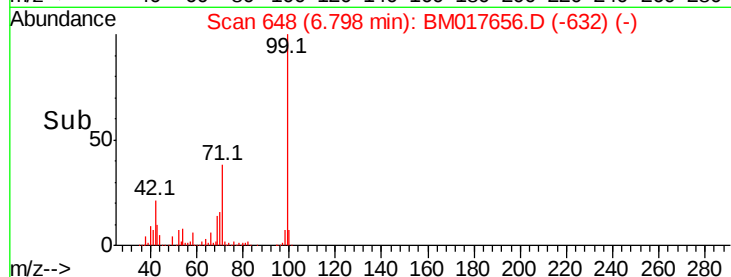
71 37.8 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#10

Phenol

Concen: 4.788 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017656.D

Acq: 14 Nov 2018 20:27

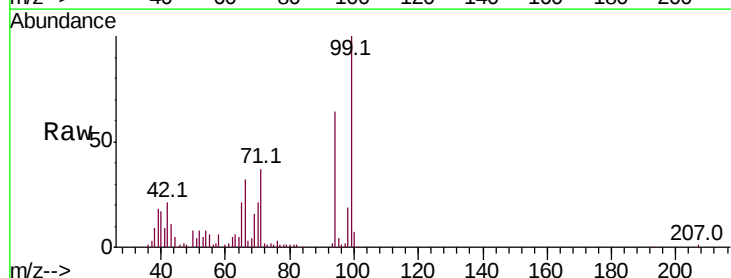
Tgt Ion: 94 Resp: 99463

Ion Ratio Lower Upper

94 100

65 32.8 11.4 51.4

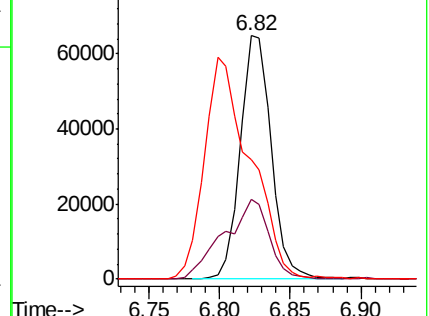
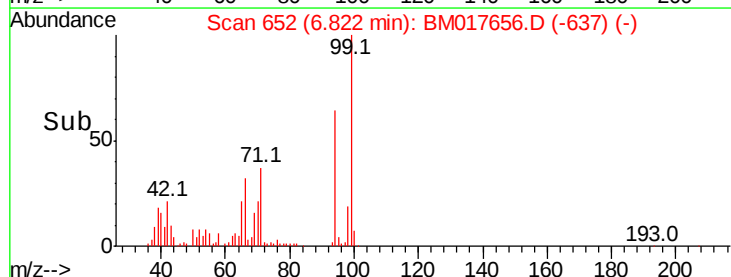
66 49.3 21.4 61.4

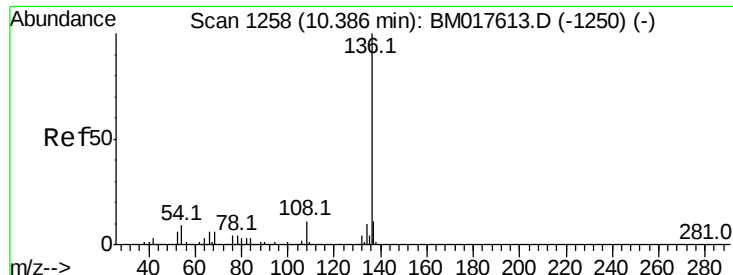


Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

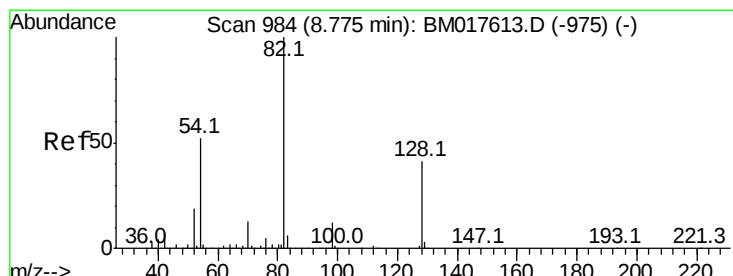
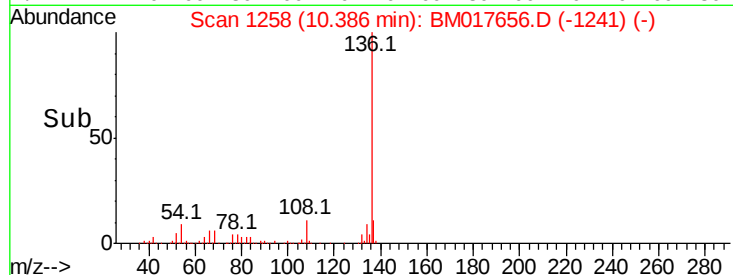
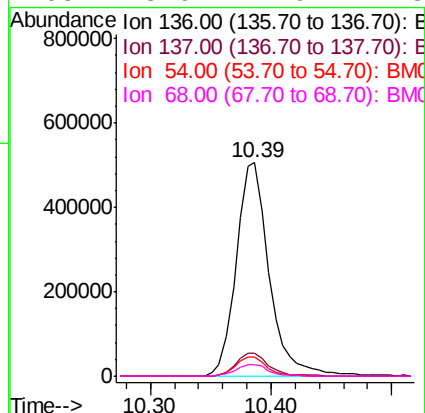
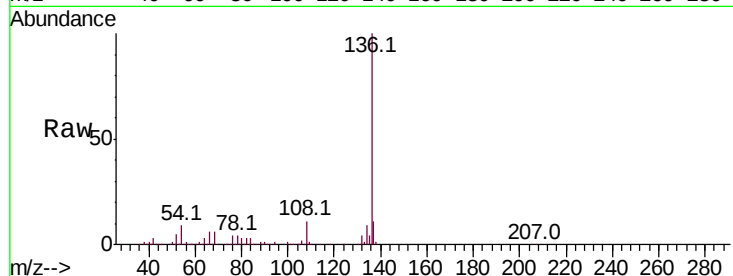




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.39 min Scan# 1258  
Delta R.T. -0.00 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

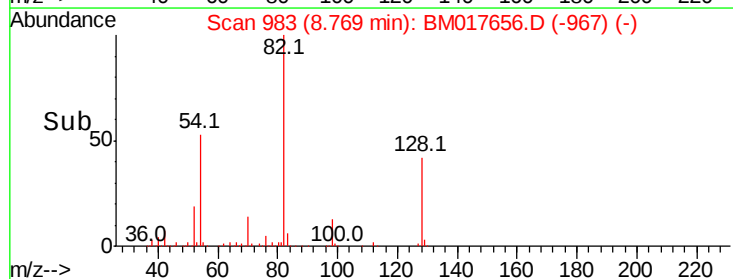
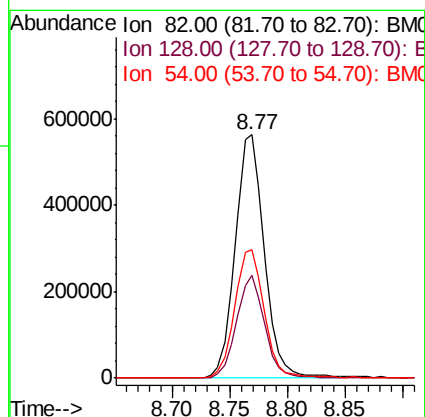
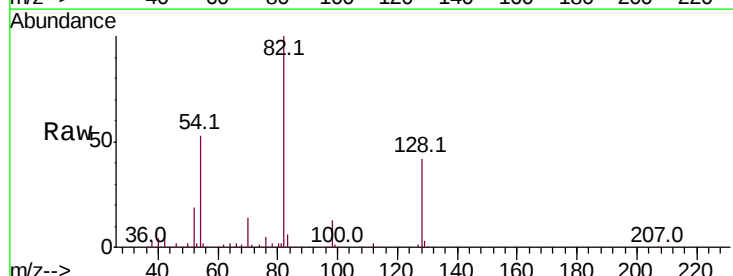
Instrument :  
BNA\_M  
ClientSampleId :  
WALL-F

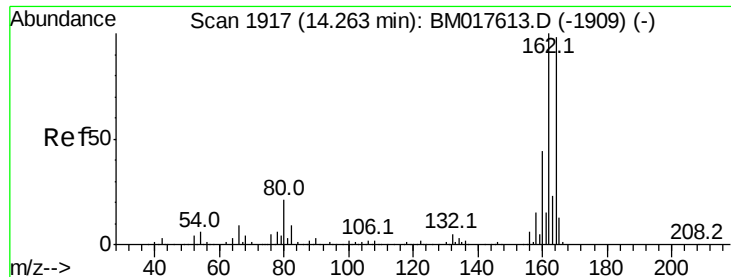
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 960659 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 12.8   |
| 54       | 9.1   | 7.0   | 10.6   |
| 68       | 5.6   | 4.9   | 7.3    |



#23  
Nitrobenzene-d5  
Concen: 52.983 ng  
RT: 8.77 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 985921 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.2  | 33.0  | 49.4   |
| 54       | 52.6  | 41.4  | 62.2   |

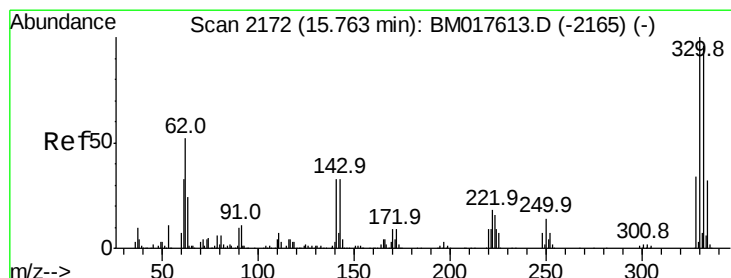
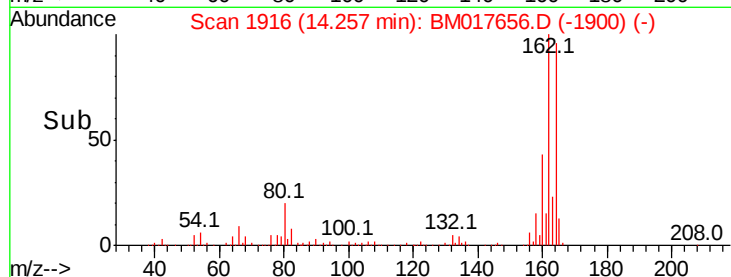
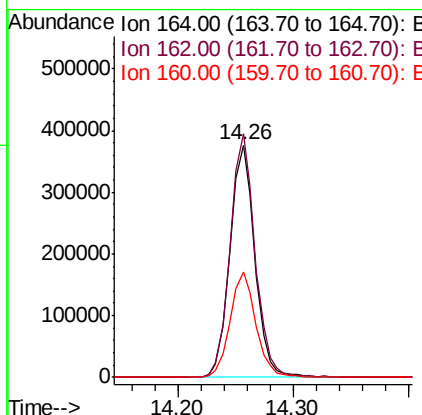
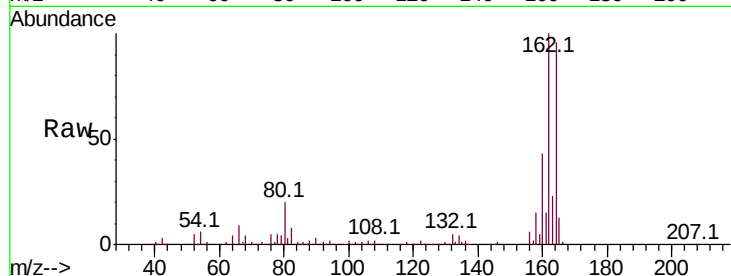




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.26 min Scan# 1916  
 Delta R.T. -0.01 min  
 Lab File: BM017656.D  
 Acq: 14 Nov 2018 20:27

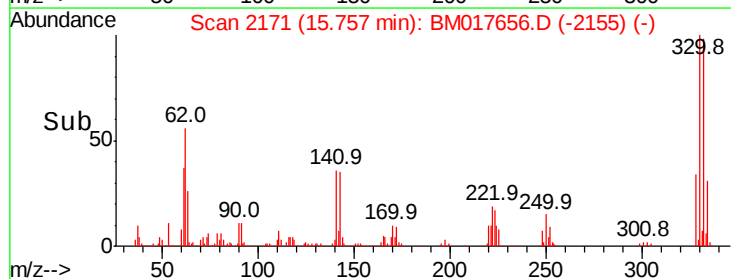
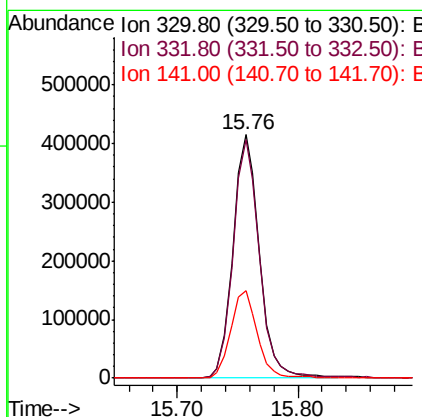
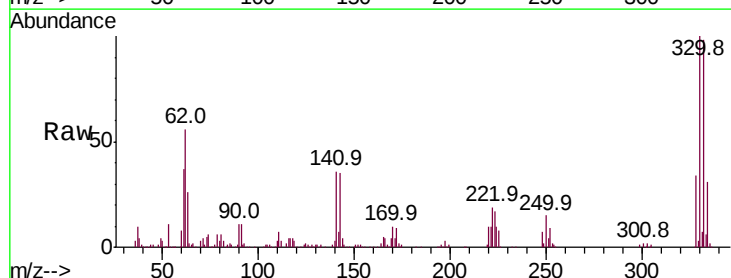
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WALL-F

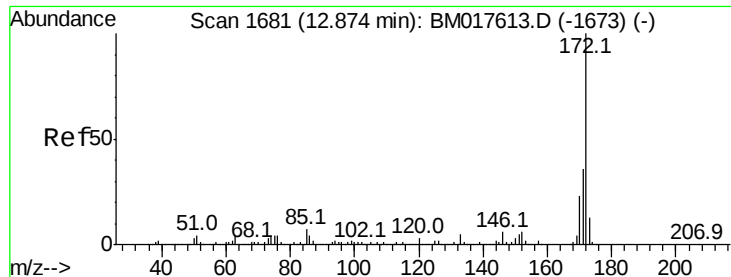
Tot Ion:164 Resp: 562299  
 Ion Ratio Lower Upper  
 164 100  
 162 104.7 81.4 122.0  
 160 45.1 35.6 53.4



#42  
 2,4,6-Tribromophenol  
 Concen: 78.349 ng  
 RT: 15.76 min Scan# 2171  
 Delta R.T. -0.01 min  
 Lab File: BM017656.D  
 Acq: 14 Nov 2018 20:27

Tgt Ion:330 Resp: 633019  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 77.9 116.9  
 141 36.2 27.5 41.3

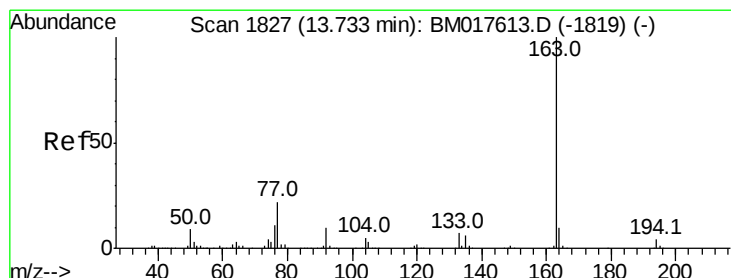
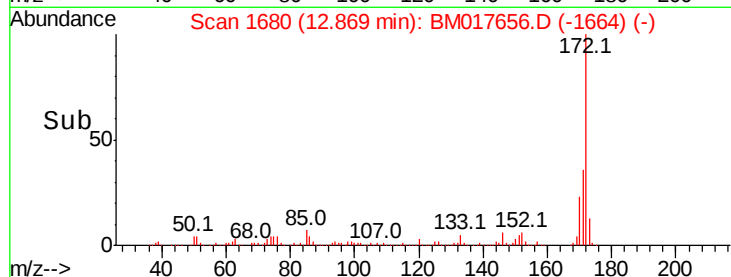
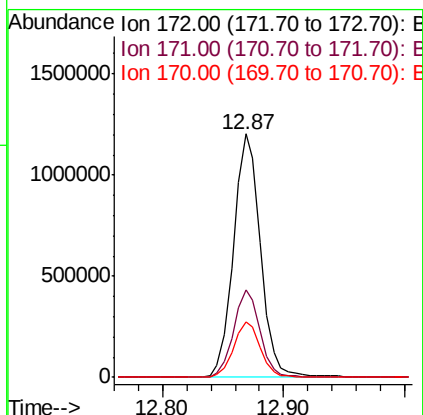
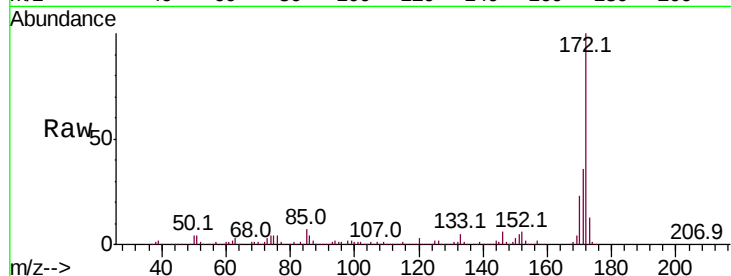




#45  
2-Fluorobiphenyl  
Concen: 43.227 ng  
RT: 12.87 min Scan# 1680  
Delta R.T. -0.01 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

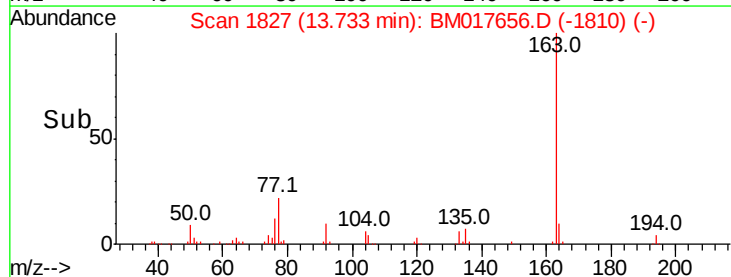
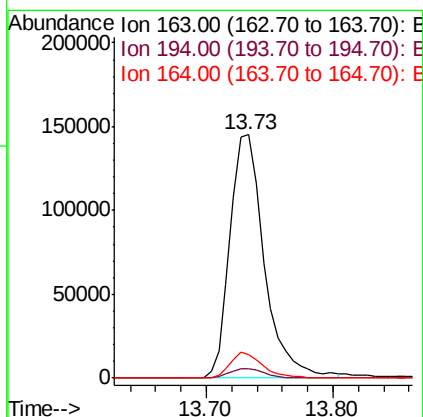
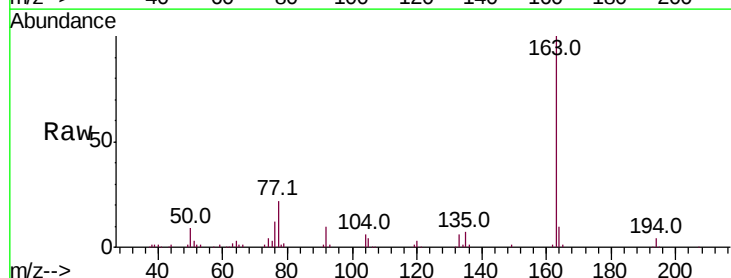
Instrument :  
BNA\_M  
ClientSampleId :  
WALL-F

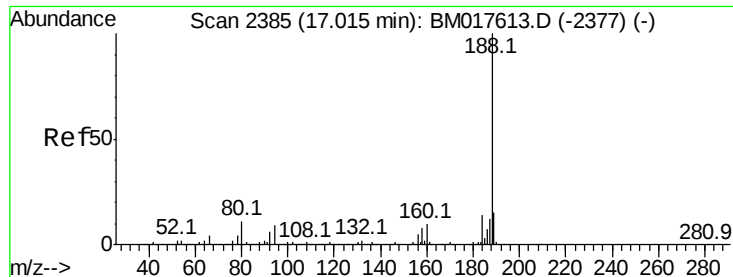
Tot Ion:172 Resp: 1873564  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.7 43.1  
170 22.9 18.3 27.5



#50  
Dimethylphthalate  
Concen: 5.987 ng  
RT: 13.73 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

Tgt Ion:163 Resp: 273693  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.1 4.7  
164 9.6 8.2 12.4

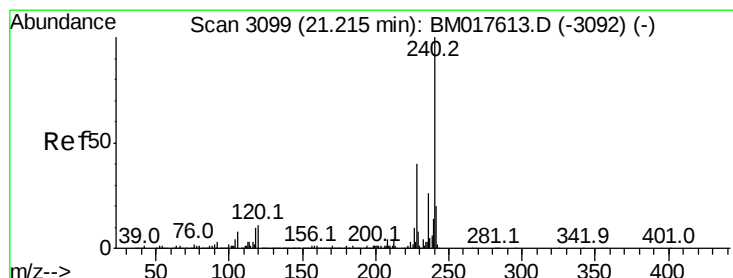
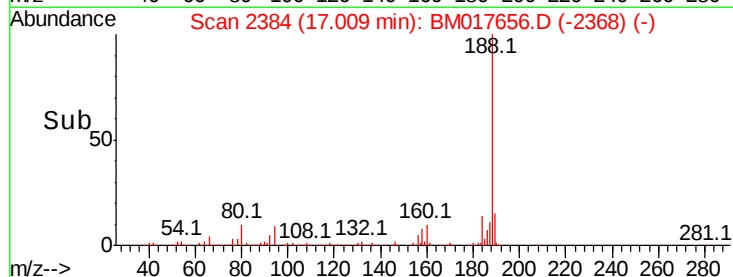
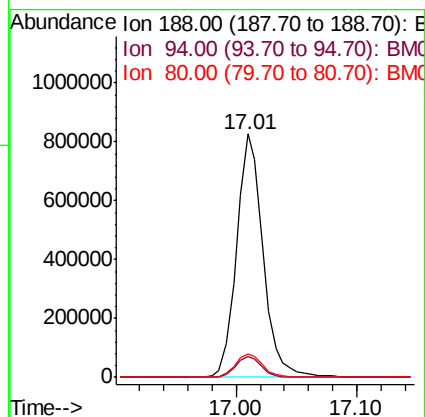
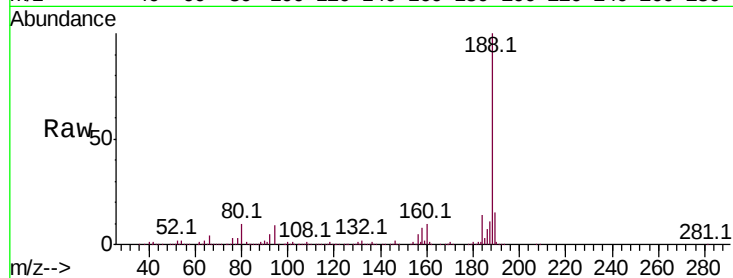




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.01 min Scan# 2384  
Delta R.T. -0.01 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

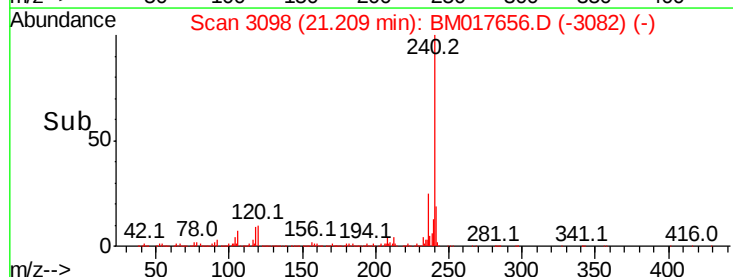
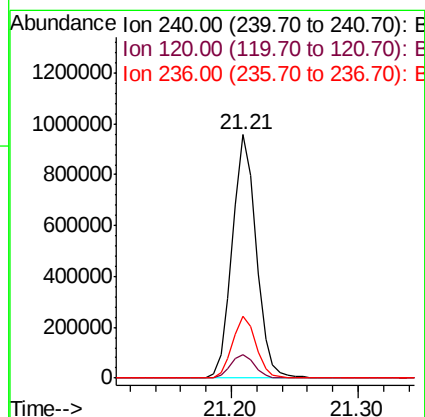
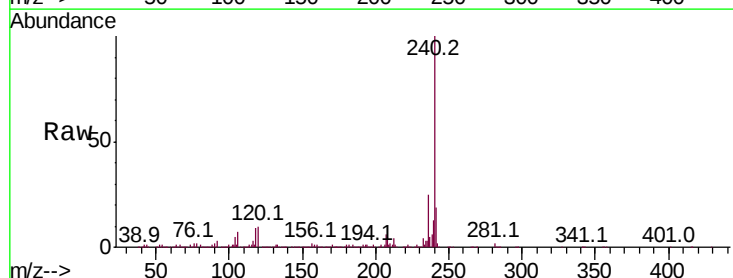
Instrument :  
BNA\_M  
ClientSampleId :  
WALL-F

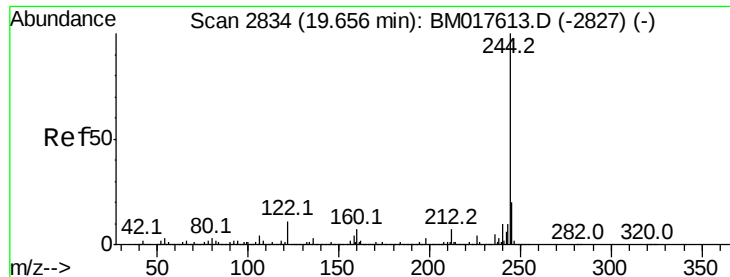
Tot Ion:188 Resp: 1260372  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.5 11.3  
80 9.5 8.6 13.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.21 min Scan# 3098  
Delta R.T. -0.01 min  
Lab File: BM017656.D  
Acq: 14 Nov 2018 20:27

Tgt Ion:240 Resp: 1245790  
Ion Ratio Lower Upper  
240 100  
120 9.6 8.5 12.7  
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 50.768 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM017656.D

Acq: 14 Nov 2018 20:27

Instrument :

BNA\_M

ClientSampled :

WALL-F

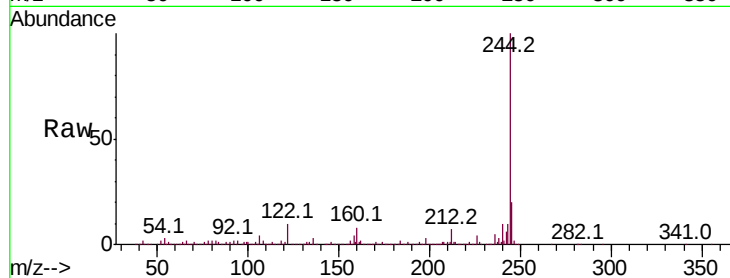
Tot Ion:244 Resp: 2790594

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

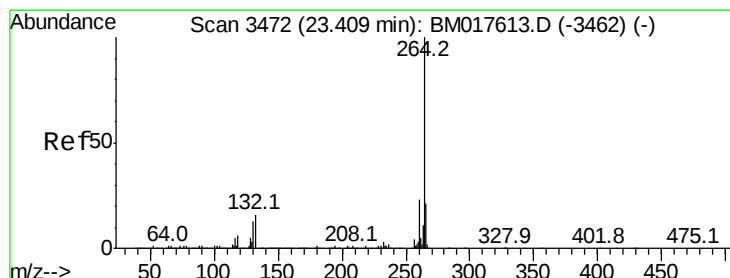
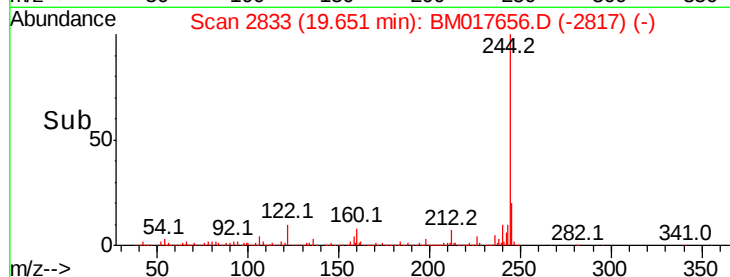
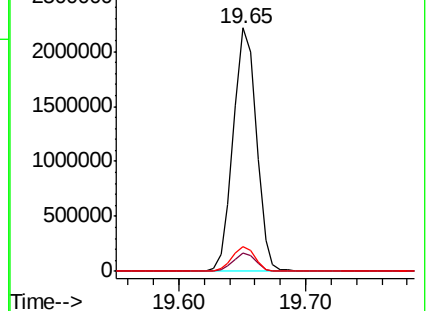
122 10.1 9.0 13.6



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: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017656.D

Acq: 14 Nov 2018 20:27

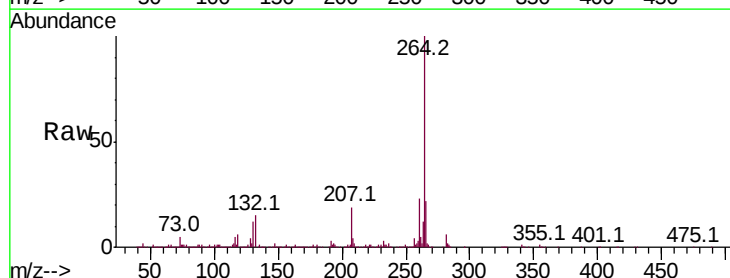
Tgt Ion:264 Resp: 1096923

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 21.6 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

