

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\  
 Data File : BM018858.D  
 Acq On : 19 Feb 2019 15:58  
 Operator : JU/SJ  
 Sample : K1515-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TS-5

Quant Time: Feb 19 17:39:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

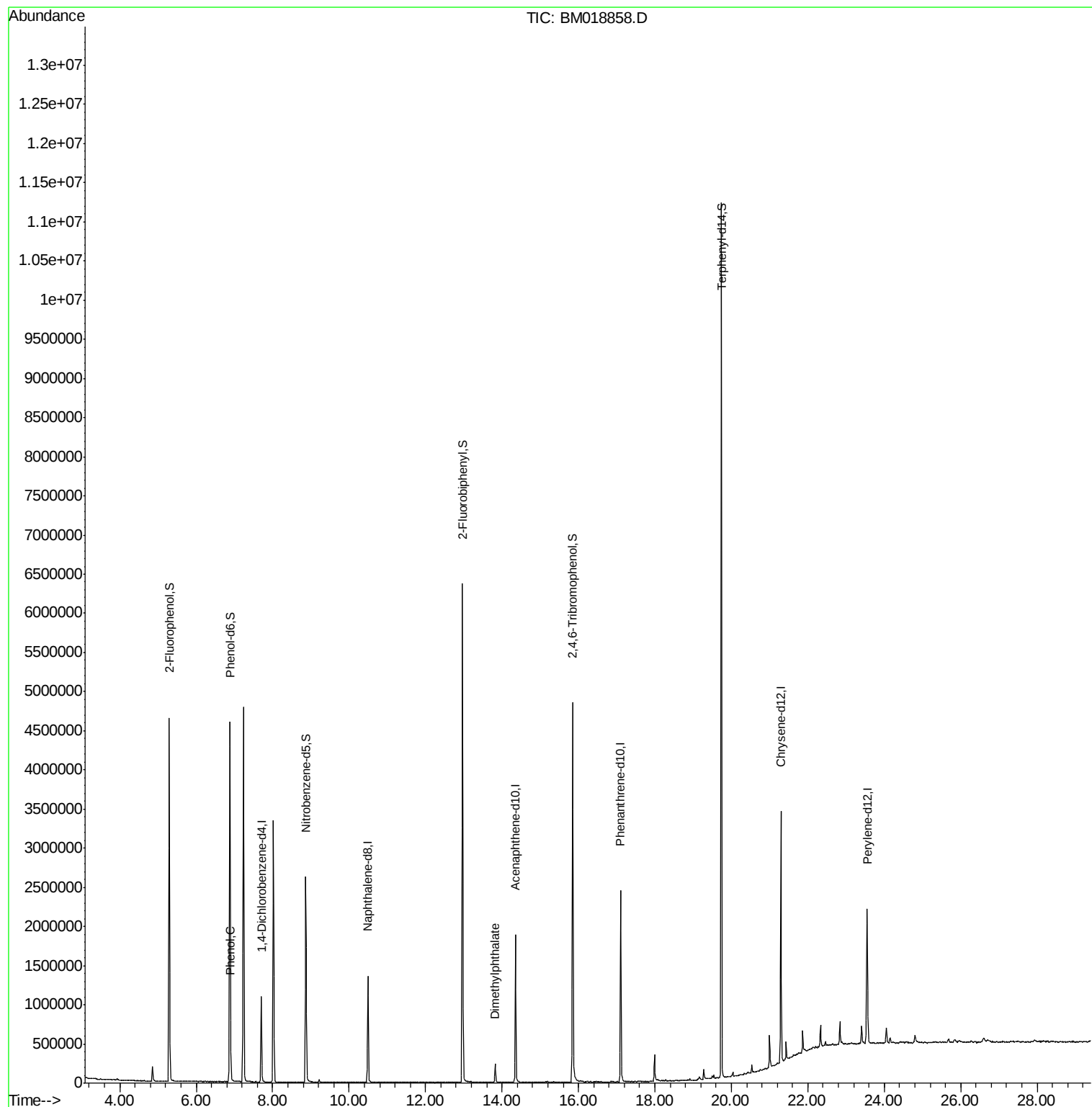
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 273732   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.49 | 136  | 1103675  | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.35 | 164  | 600079   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.10 | 188  | 1331727  | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.30 | 240  | 1309908  | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 23.55 | 264  | 1190379  | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 1882648  | 112.69 | ng    | 0.00     |
| 7) Phenol-d6                | 6.88  | 99   | 2580565  | 109.65 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.87  | 82   | 1675012  | 70.17  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.85 | 330  | 860499   | 99.48  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.97 | 172  | 3046768  | 67.40  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.74 | 244  | 4608374  | 72.57  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.90  | 94   | 80347    | 3.245  | ng    | 92       |
| 50) Dimethylphthalate       | 13.82 | 163  | 169375   | 3.387  | ng    | 98       |

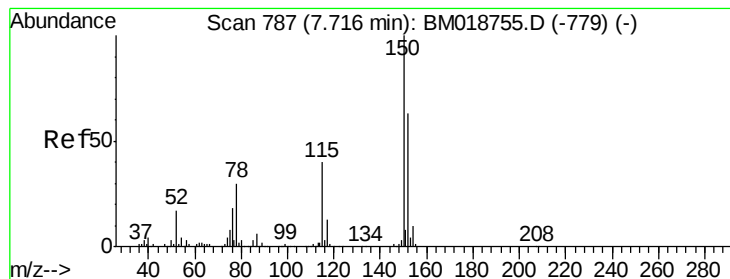
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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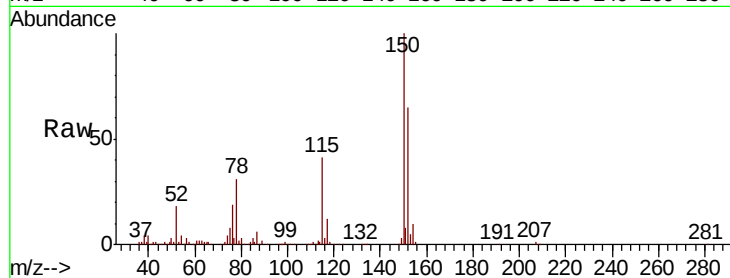


#1

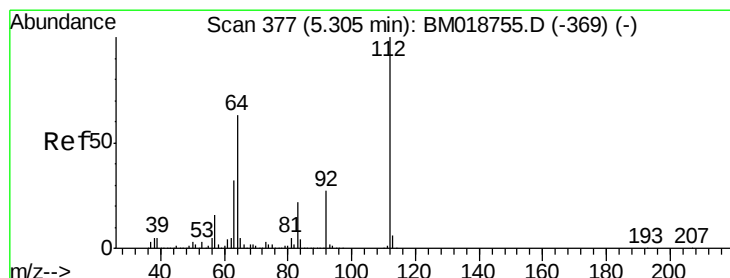
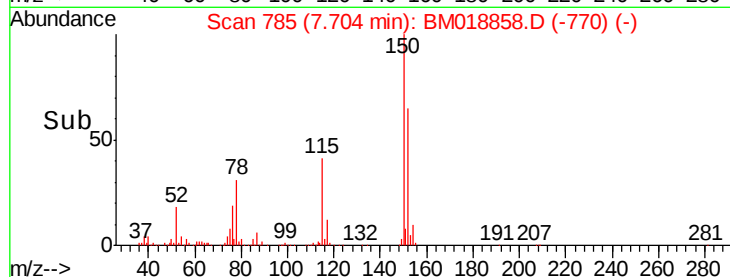
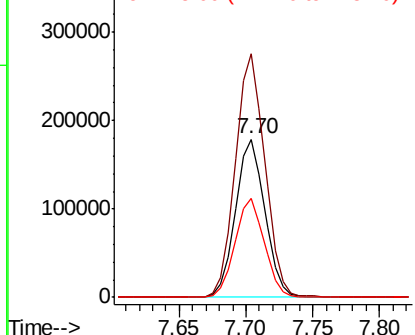
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.70 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BM018858.D  
 Acq: 19 Feb 2019 15:58

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TS-5

Tot Ion:152 Resp: 273732  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 127.3 190.9  
 115 62.7 50.8 76.2



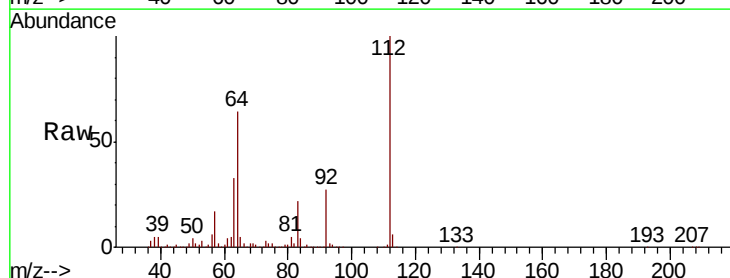
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



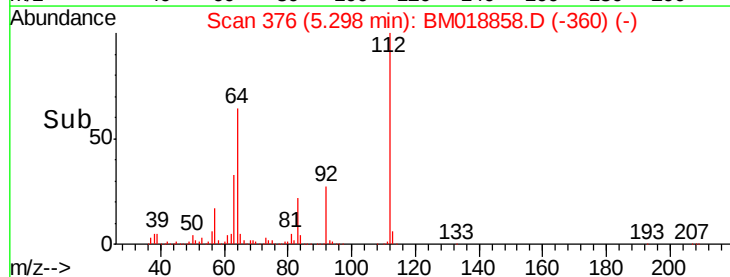
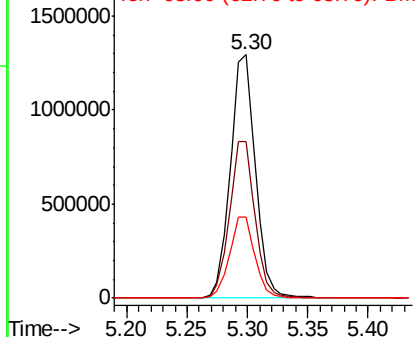
#5

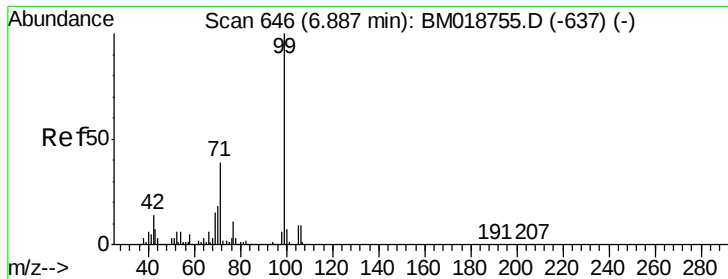
2-Fluorophenol  
 Concen: 112.689 ng  
 RT: 5.30 min Scan# 376  
 Delta R.T. -0.01 min  
 Lab File: BM018858.D  
 Acq: 19 Feb 2019 15:58

Tgt Ion:112 Resp: 1882648  
 Ion Ratio Lower Upper  
 112 100  
 64 64.1 50.6 75.8  
 63 33.1 25.7 38.5



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: 109.646 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

Instrument :

BNA\_M

ClientSampleId :

TS-5

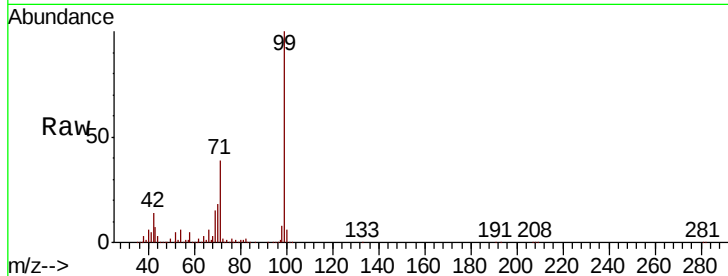
Tot Ion: 99 Resp: 2580565

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

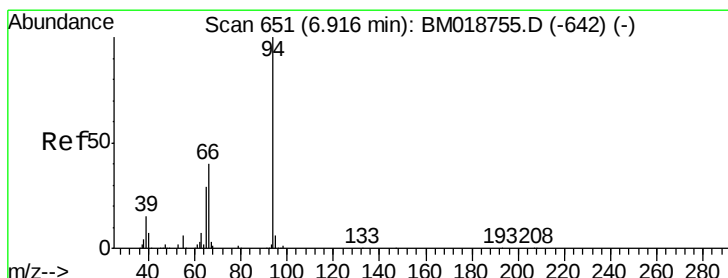
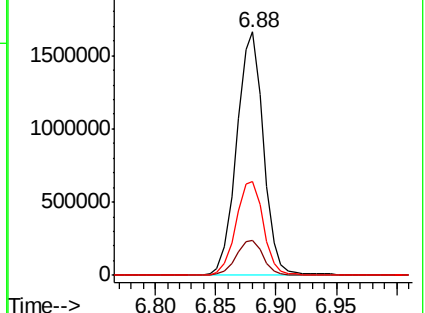
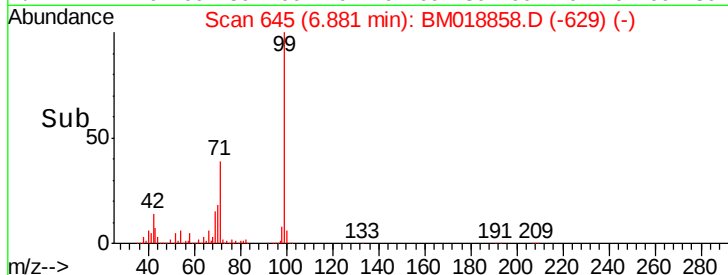
71 38.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018858.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018858.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018858.D (-629) (-)



#10

Phenol

Concen: 3.245 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

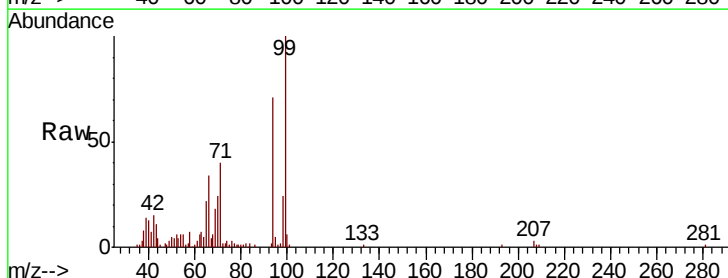
Tgt Ion: 94 Resp: 80347

Ion Ratio Lower Upper

94 100

65 30.6 9.6 49.6

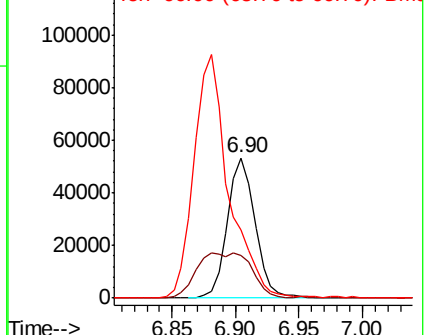
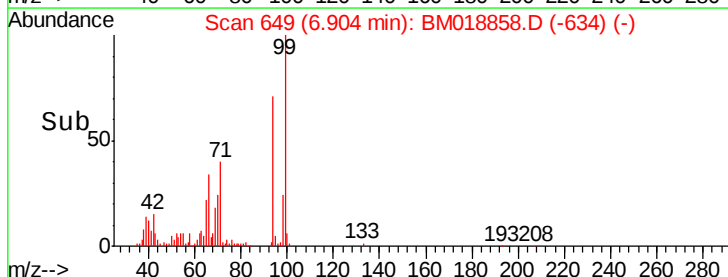
66 48.2 20.4 60.4

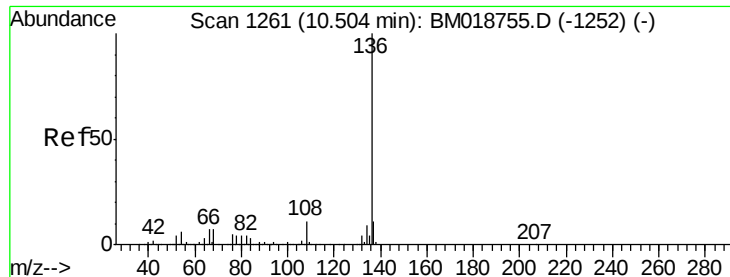


Abundance Ion 94.00 (93.70 to 94.70): BM018858.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018858.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018858.D (-634) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

Instrument :

BNA\_M

ClientSampleId :

TS-5

Tot Ion:136 Resp: 1103675

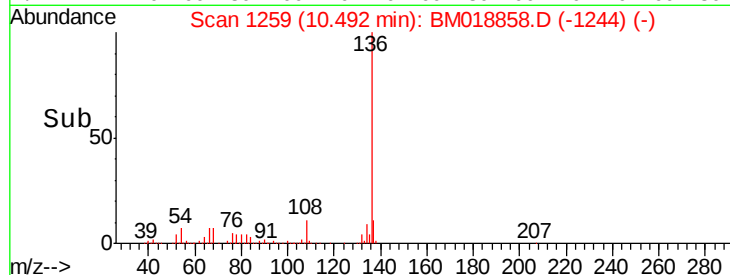
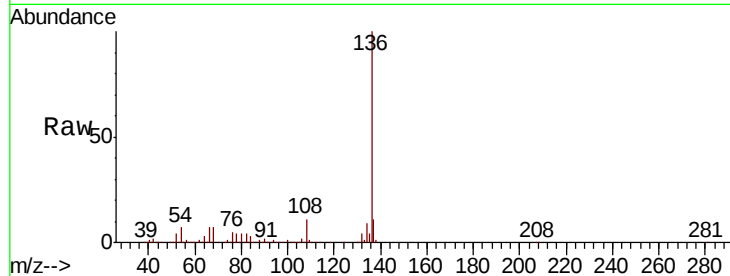
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.9 5.0 7.6

68 7.0 5.5 8.3

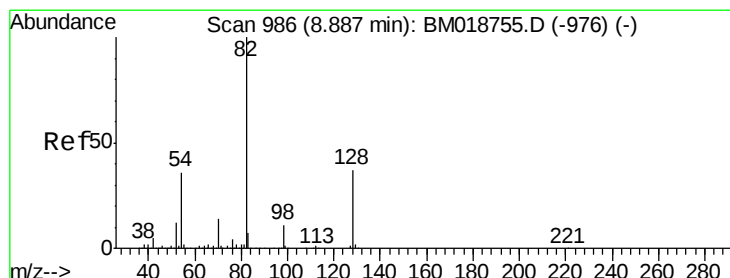
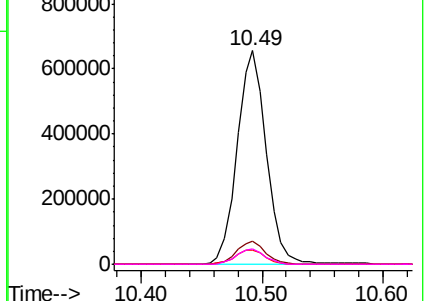


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.175 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

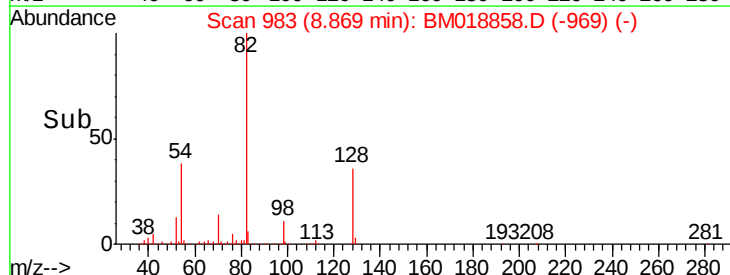
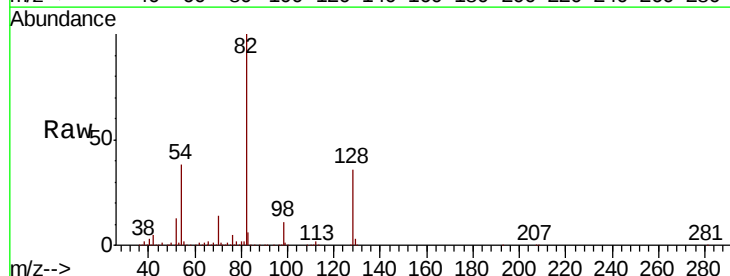
Tgt Ion: 82 Resp: 1675012

Ion Ratio Lower Upper

82 100

128 35.6 29.9 44.9

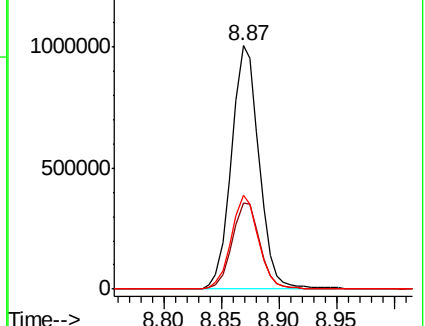
54 38.5 29.1 43.7

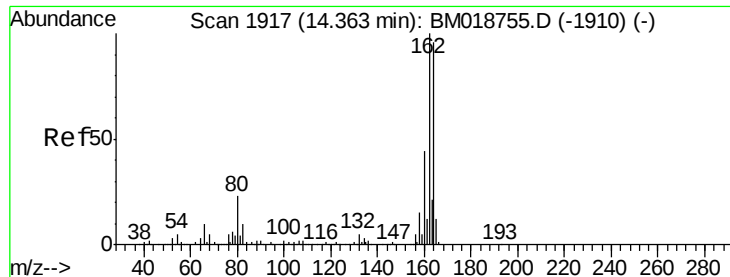


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

Instrument :

BNA\_M

ClientSampled :

TS-5

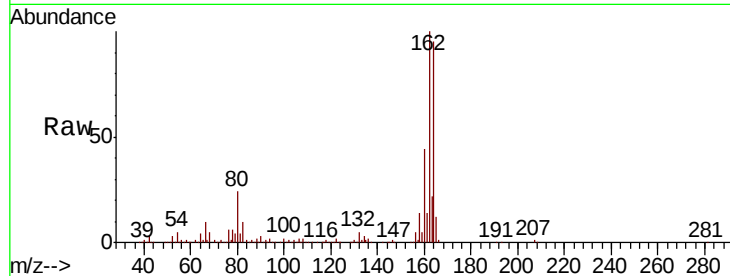
Tot Ion:164 Resp: 600079

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.0

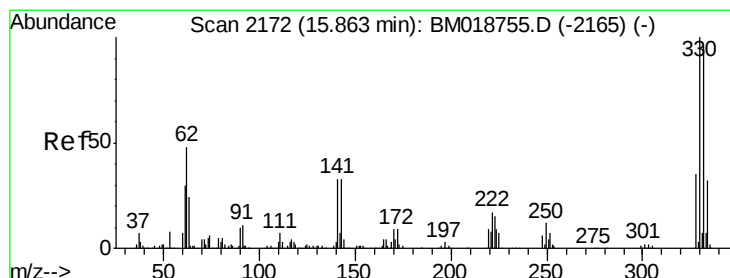
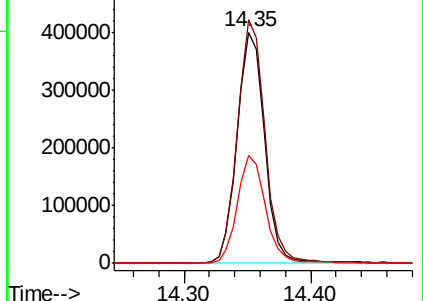
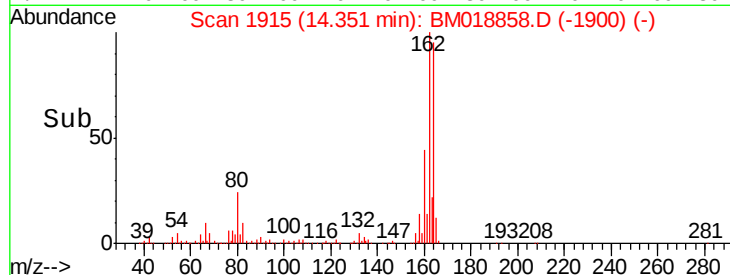
160 46.8 36.6 55.0



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



#42

2,4,6-Tribromophenol

Concen: 99.480 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

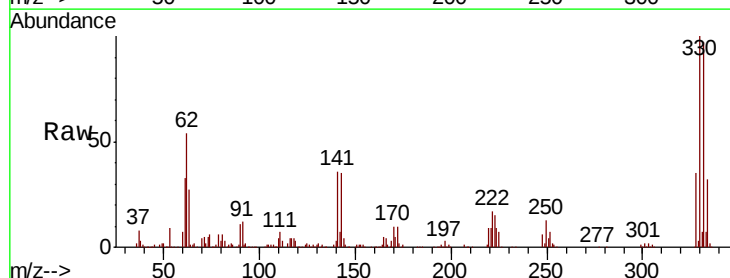
Tgt Ion:330 Resp: 860499

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

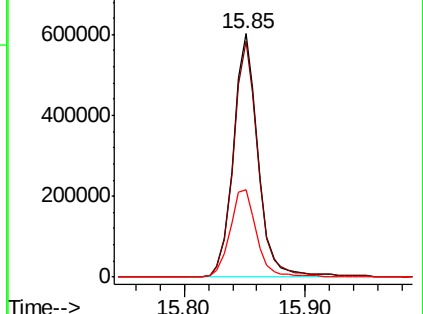
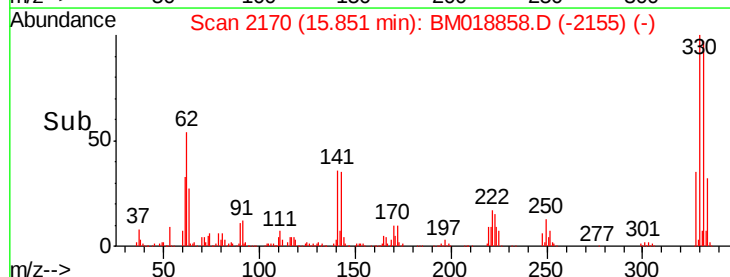
141 38.6 28.7 43.1

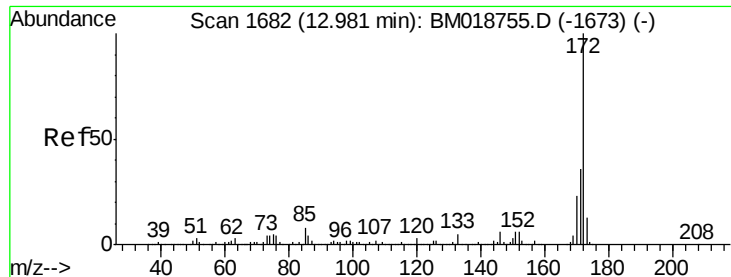


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

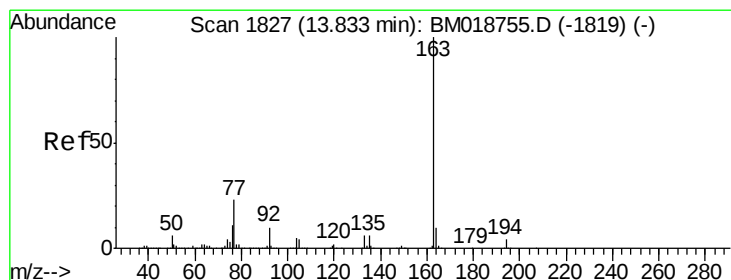
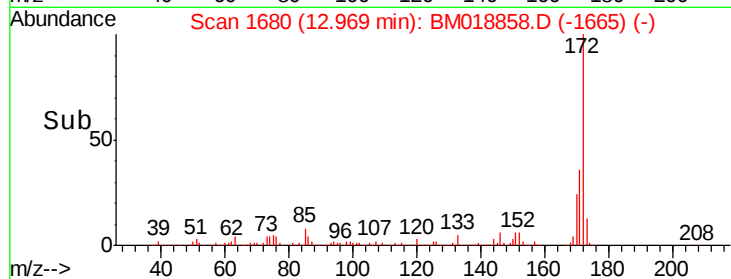
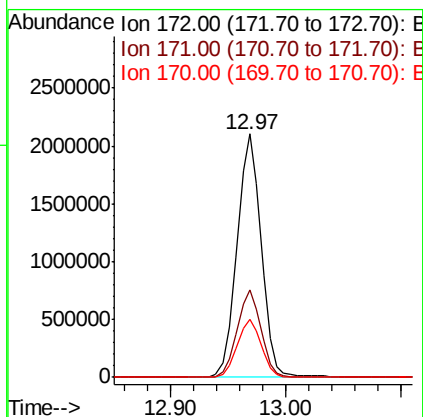
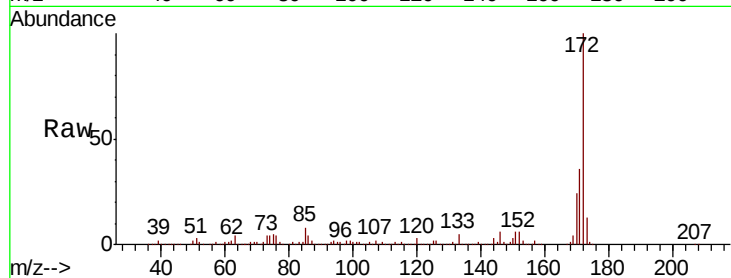




#45  
2-Fluorobiphenyl  
Concen: 67.400 ng  
RT: 12.97 min Scan# 1680  
Delta R.T. -0.01 min  
Lab File: BM018858.D  
Acq: 19 Feb 2019 15:58

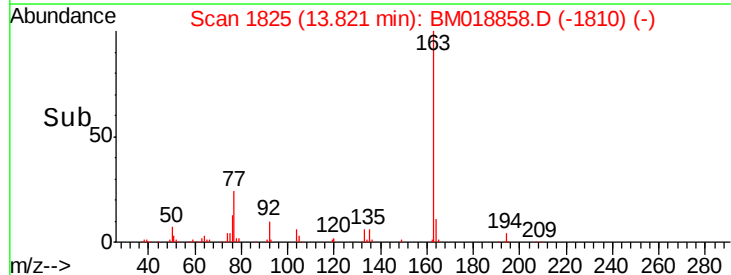
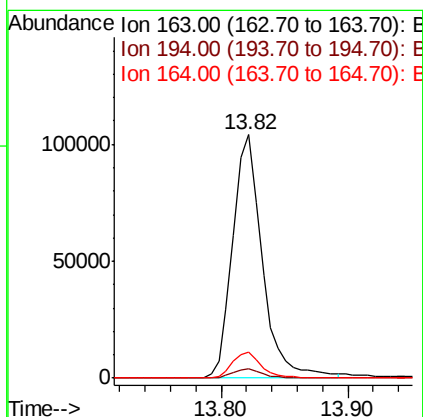
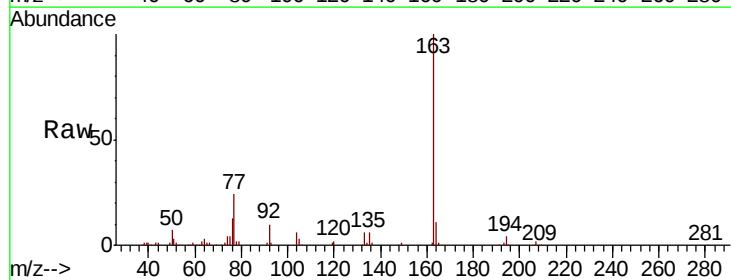
Instrument :  
BNA\_M  
ClientSampled :  
TS-5

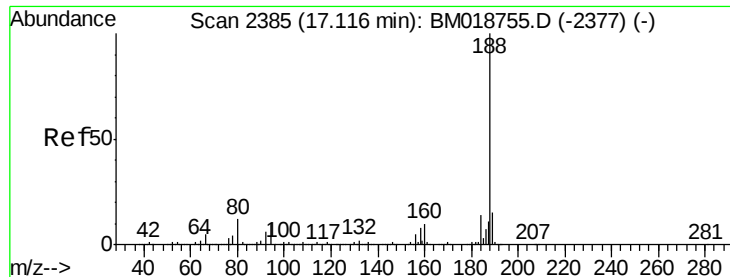
Tot Ion:172 Resp: 3046768  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.0 43.6  
170 23.9 18.6 28.0



#50  
Dimethylphthalate  
Concen: 3.387 ng  
RT: 13.82 min Scan# 1825  
Delta R.T. -0.01 min  
Lab File: BM018858.D  
Acq: 19 Feb 2019 15:58

Tgt Ion:163 Resp: 169375  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.8 7.8 11.8

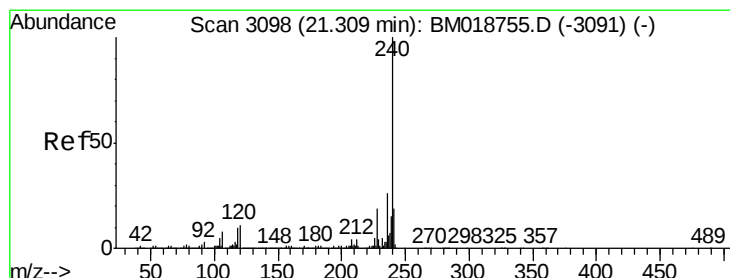
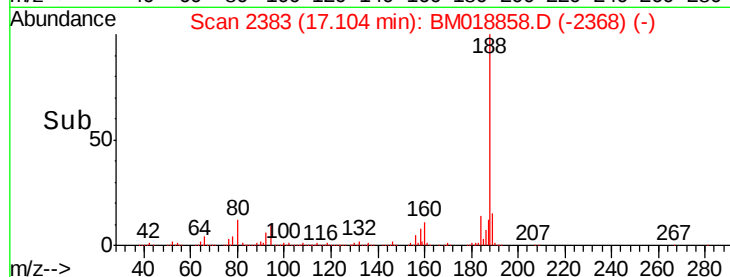
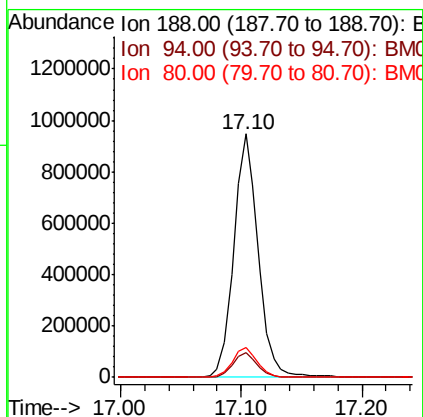
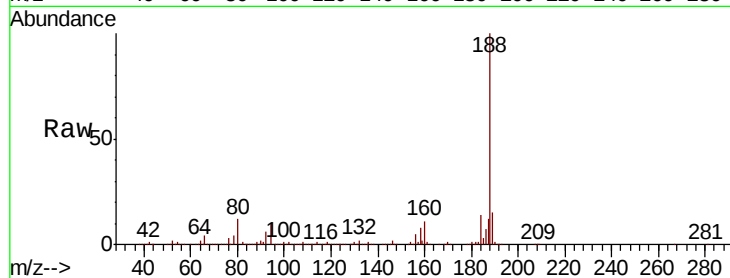




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.10 min Scan# 2383  
Delta R.T. -0.01 min  
Lab File: BM018858.D  
Acq: 19 Feb 2019 15:58

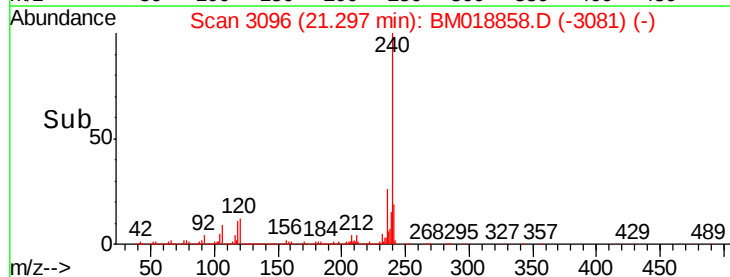
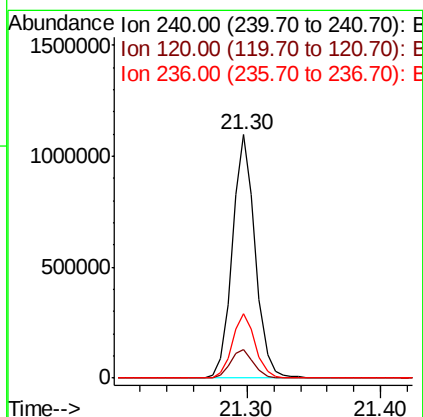
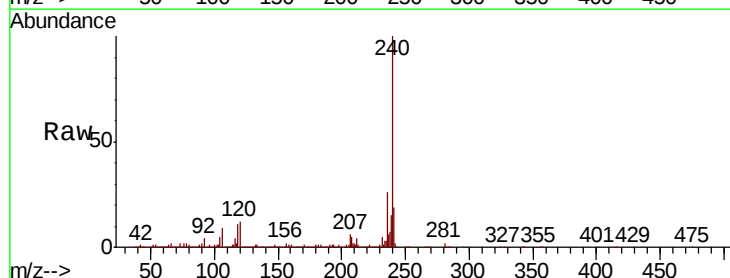
Instrument :  
BNA\_M  
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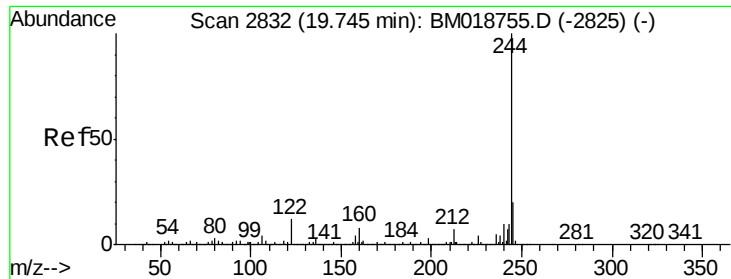
Tot Ion:188 Resp: 1331727  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.2 12.2  
80 12.4 9.7 14.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.30 min Scan# 3096  
Delta R.T. -0.01 min  
Lab File: BM018858.D  
Acq: 19 Feb 2019 15:58

Tgt Ion:240 Resp: 1309908  
Ion Ratio Lower Upper  
240 100  
120 11.9 8.9 13.3  
236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 72.575 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

Instrument :

BNA\_M

ClientSampleId :

TS-5

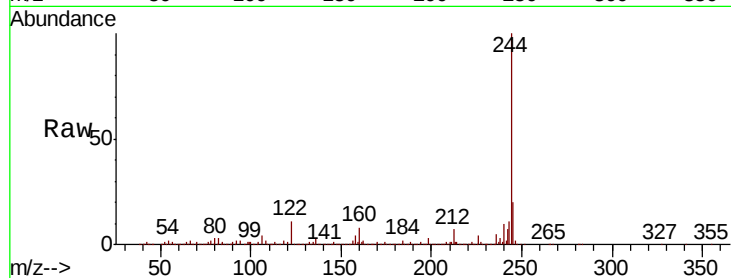
Tot Ion:244 Resp: 4608374

Ion Ratio Lower Upper

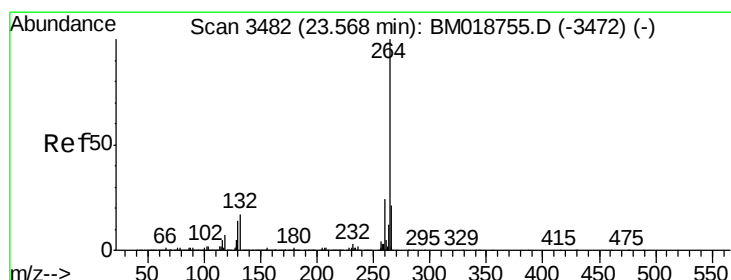
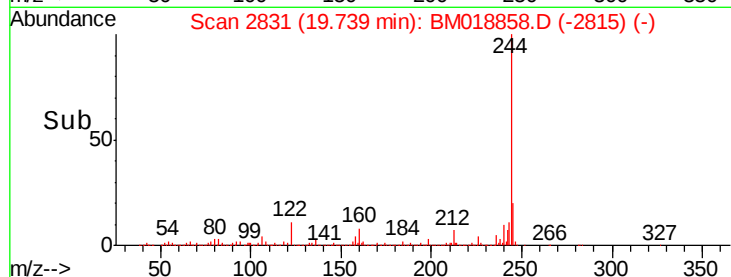
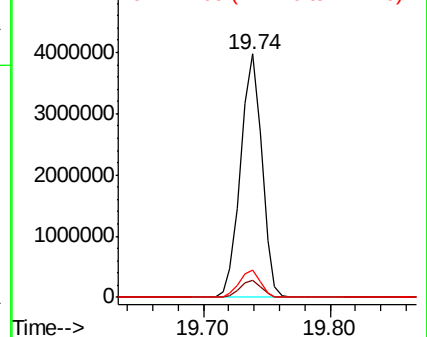
244 100

212 7.1 5.6 8.4

122 11.0 9.3 13.9



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: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018858.D

Acq: 19 Feb 2019 15:58

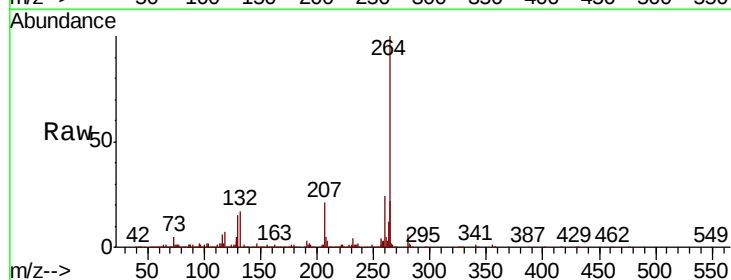
Tgt Ion:264 Resp: 1190379

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.1 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

