

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080918\  
 Data File : BM016282.D  
 Acq On : 09 Aug 2018 15:27  
 Operator : SJ/JU  
 Sample : J4356-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-39

Quant Time: Aug 10 04:05:07 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 08 16:23:37 2018  
 Response via : Initial Calibration

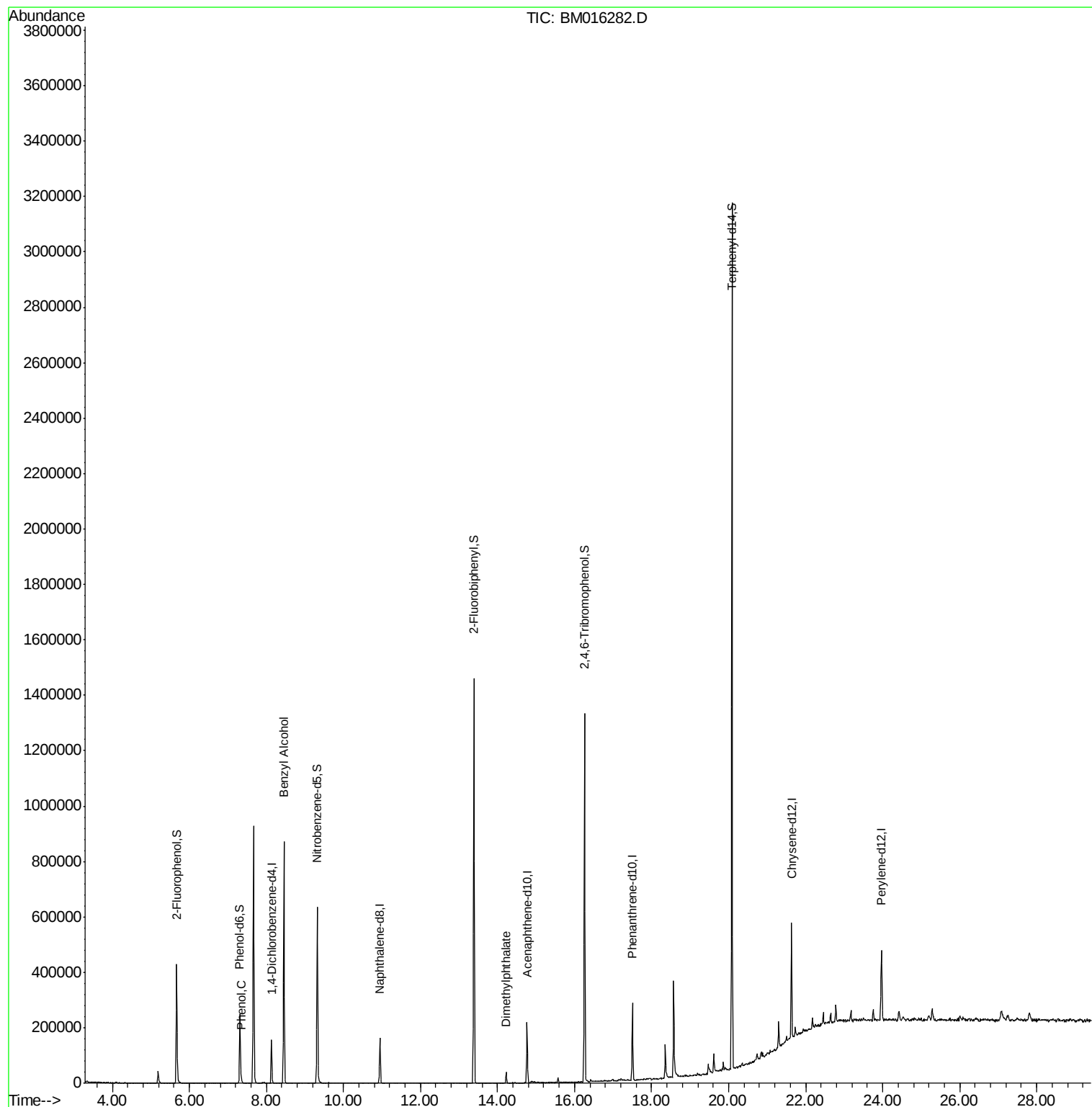
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.13  | 152  | 33400    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.95 | 136  | 115407   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.77 | 164  | 58461    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.50 | 188  | 128338   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.63 | 240  | 148690   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.97 | 264  | 161218   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.67  | 112  | 145032   | 72.13  | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 104733   | 39.89  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.32  | 82   | 304395   | 122.68 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.26 | 330  | 133543   | 180.10 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.39 | 172  | 571345   | 118.91 | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.09 | 244  | 991061   | 139.52 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.35  | 94   | 5503     | 2.096  | ng    | 85       |
| 15) Benzyl Alcohol          | 8.45  | 79   | 6584     | 3.149  | ng    | # 37     |
| 49) Dimethylphthalate       | 14.22 | 163  | 22553    | 4.408  | ng    | 99       |

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

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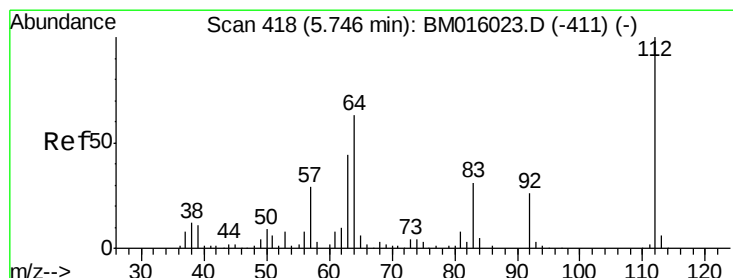
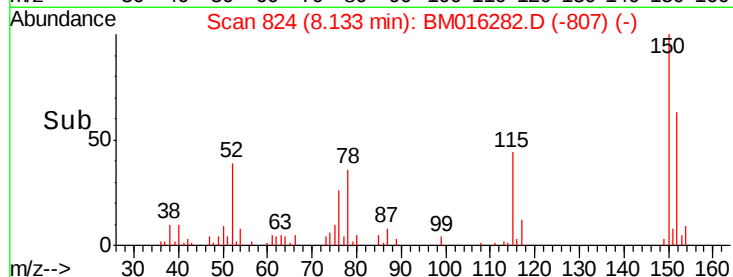
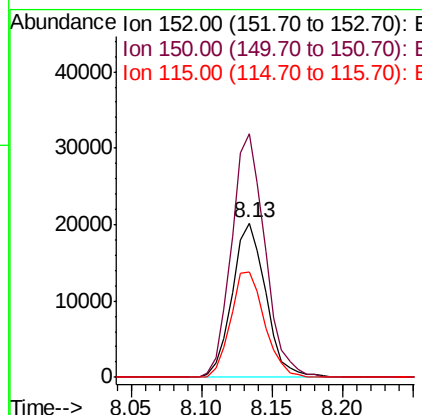
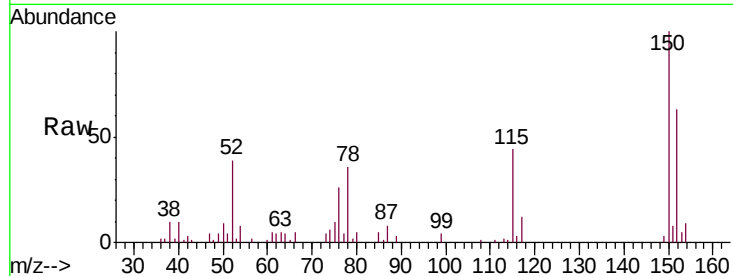




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BM016282.D  
 Acq: 09 Aug 2018 15:27

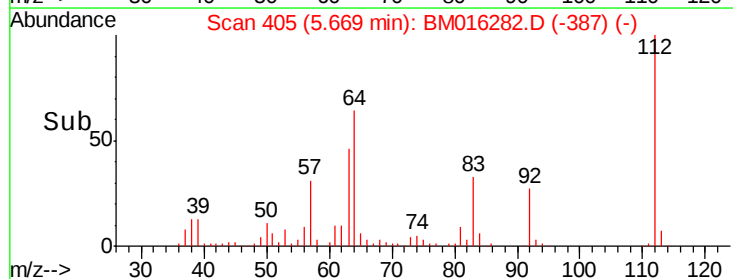
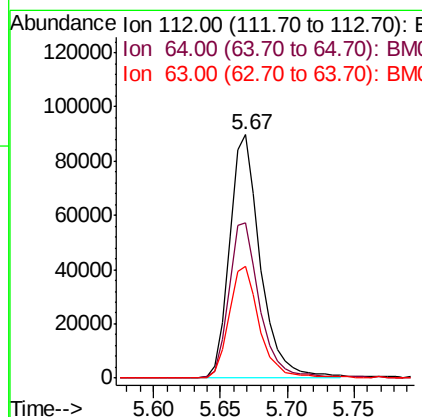
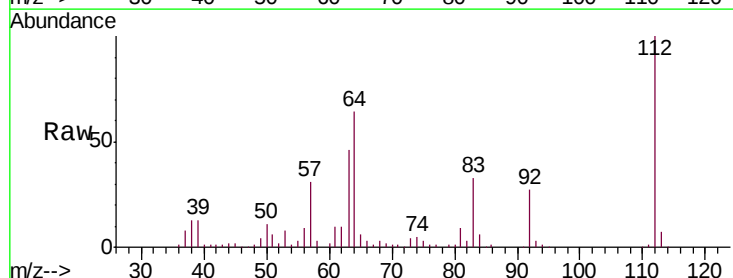
Instrument :  
 BNA\_M  
 ClientSampled :  
 MW-39

Tgt Ion:152 Resp: 33400  
 Ion Ratio Lower Upper  
 152 100  
 150 157.5 119.5 179.3  
 115 68.5 43.0 64.4#



#5  
 2-Fluorophenol  
 Concen: N.D. ng  
 RT: 5.67 min Scan# 405  
 Delta R.T. 0.01 min  
 Lab File: BM016282.D  
 Acq: 09 Aug 2018 15:27

Tgt Ion:112 Resp: 145032  
 Ion Ratio Lower Upper  
 112 100  
 64 63.6 38.6 57.8#  
 63 46.1 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampled :

MW-39

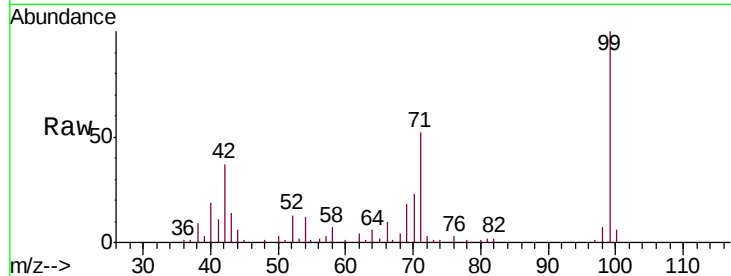
Tgt Ion: 99 Resp: 104733

Ion Ratio Lower Upper

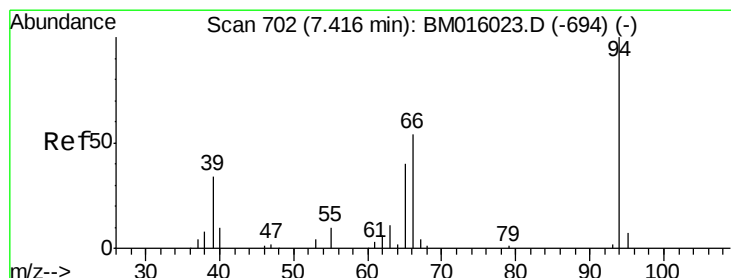
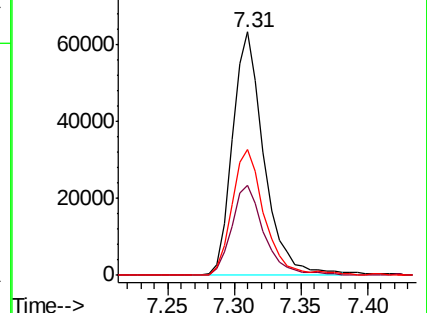
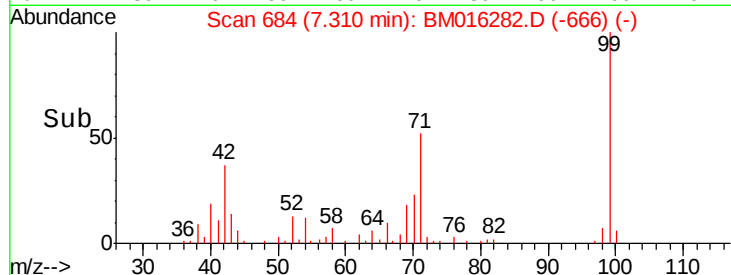
99 100

42 37.1 11.0 16.4#

71 51.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016282.D (-666) (-)



#10

Phenol

Concen: 2.096 ng

RT: 7.35 min Scan# 690

Delta R.T. 0.02 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

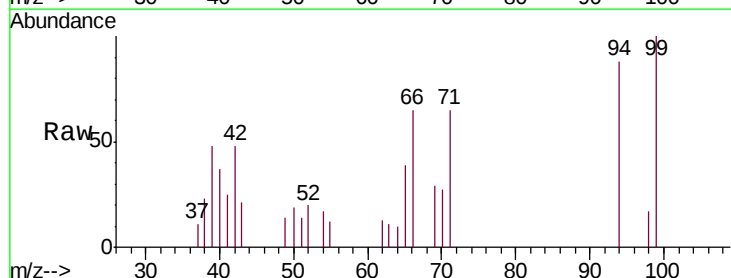
Tgt Ion: 94 Resp: 5503

Ion Ratio Lower Upper

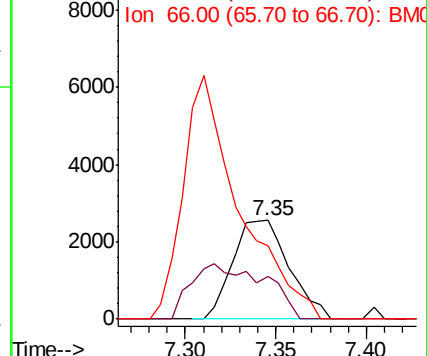
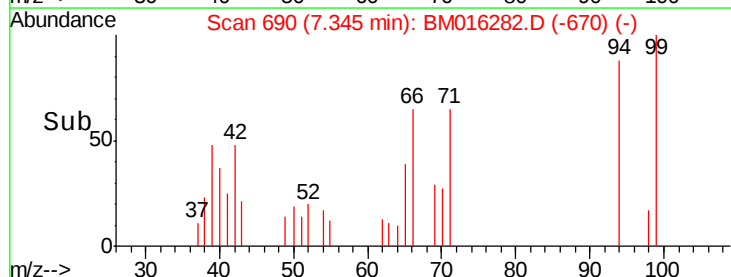
94 100

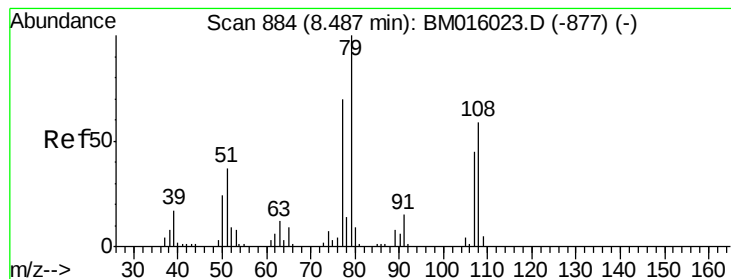
65 43.9 18.8 58.8

66 74.2 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM016282.D (-670) (-)





#15

Benzyl Alcohol

Concen: 3.149 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.06 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampled :

MW-39

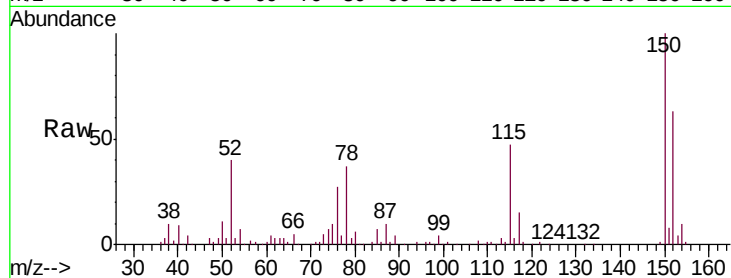
Tgt Ion: 79 Resp: 6584

Ion Ratio Lower Upper

79 100

108 76.1 65.0 97.4

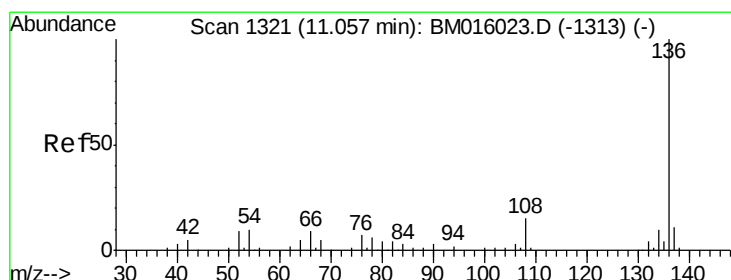
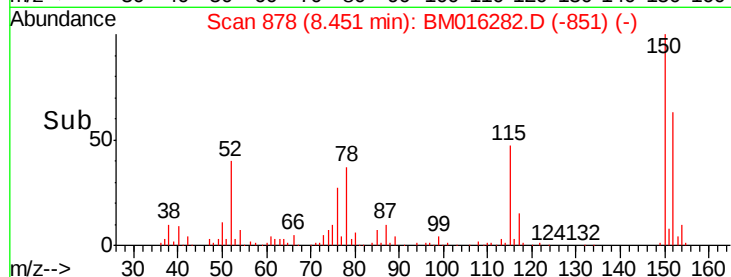
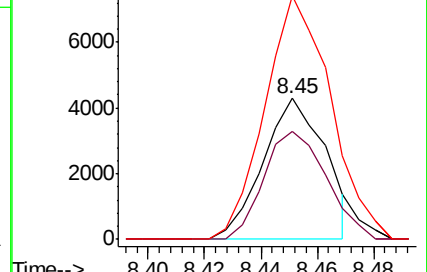
77 172.5 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Tgt Ion: 136 Resp: 115407

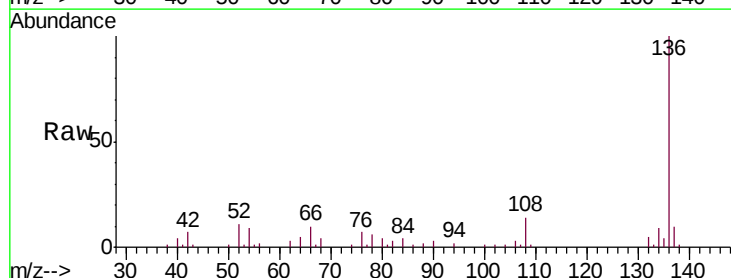
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 9.5 4.6 6.8#

68 4.0 3.7 5.5

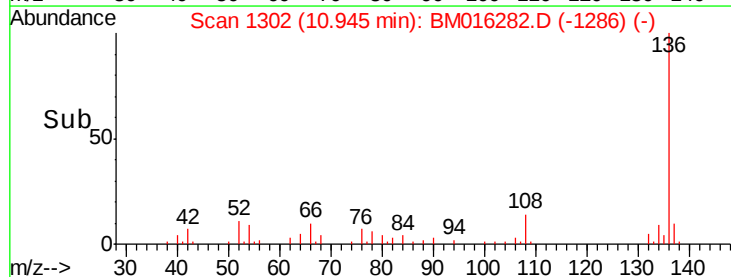
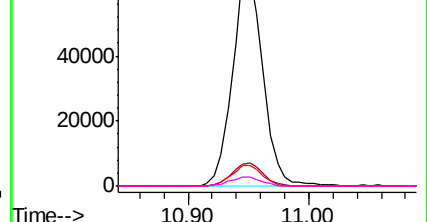


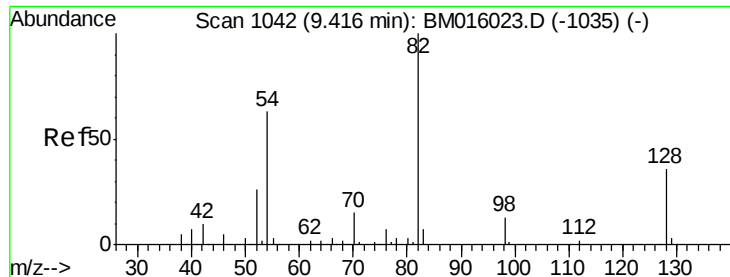
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampleId :

MW-39

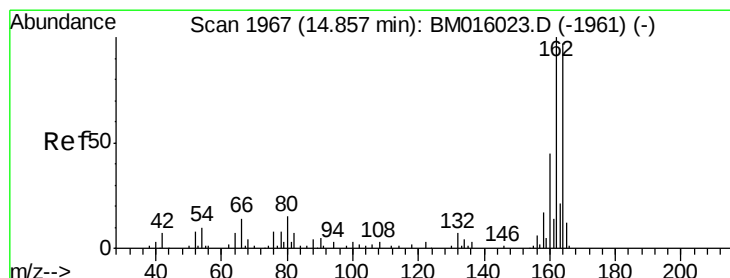
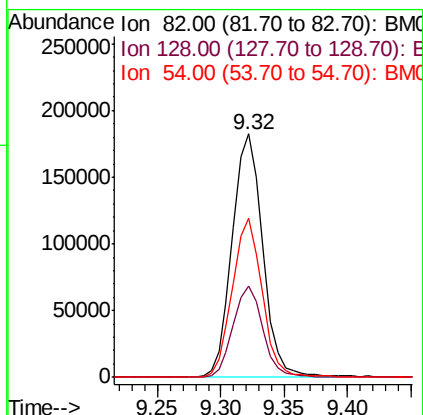
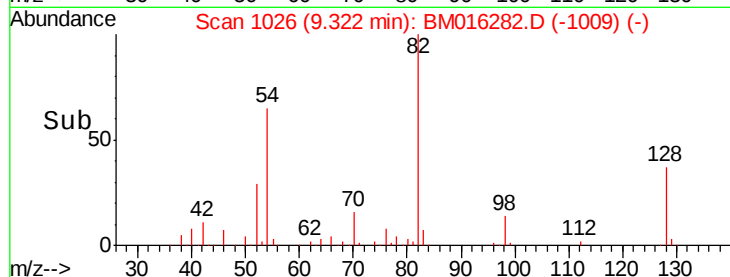
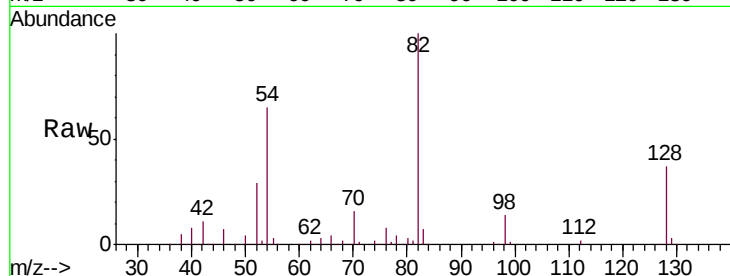
Tgt Ion: 82 Resp: 304395

Ion Ratio Lower Upper

82 100

128 37.3 32.8 49.2

54 65.1 40.6 60.8#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

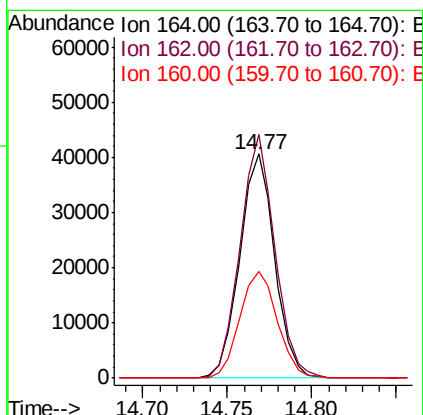
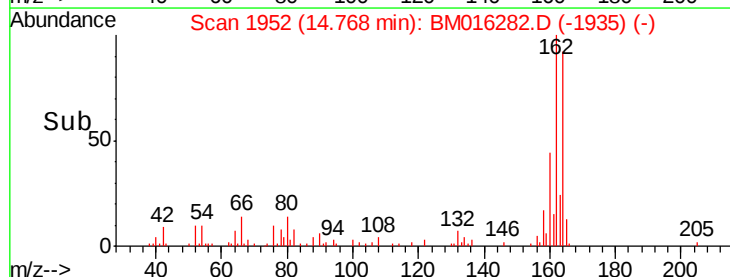
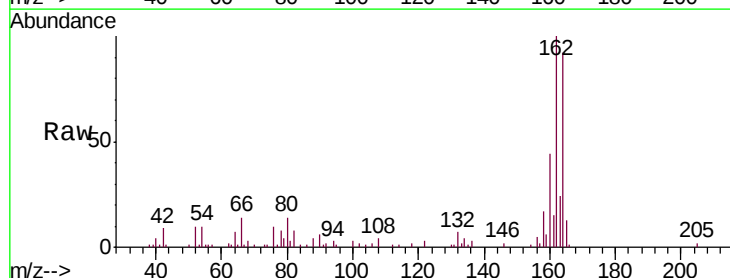
Tgt Ion: 164 Resp: 58461

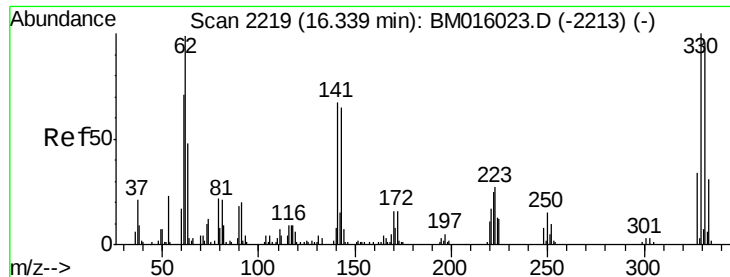
Ion Ratio Lower Upper

164 100

162 108.6 82.4 123.6

160 47.7 35.8 53.6

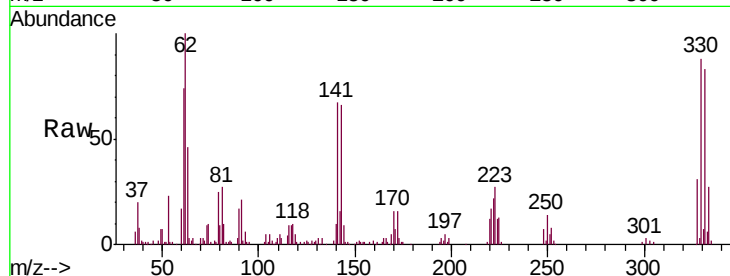




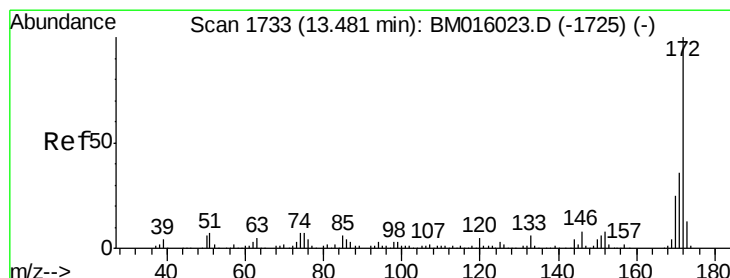
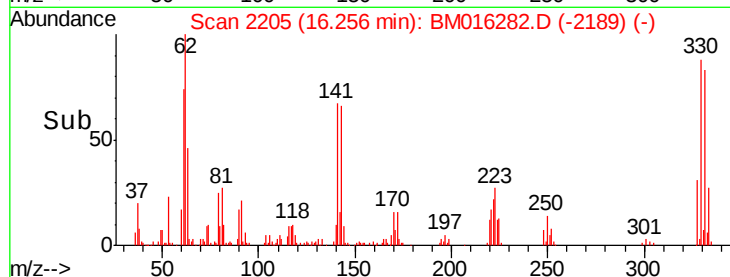
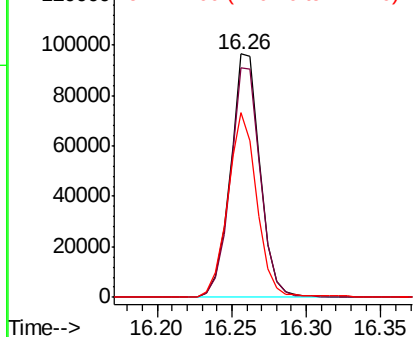
#41  
 2,4,6-Tribromophenol  
 Concen: N.D. ng  
 RT: 16.26 min Scan# 2205  
 Delta R.T. -0.01 min  
 Lab File: BM016282.D  
 Acq: 09 Aug 2018 15:27

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-39

Tgt Ion: 330 Resp: 133543  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 0.0 0.0#  
 141 75.0 0.0 0.0#

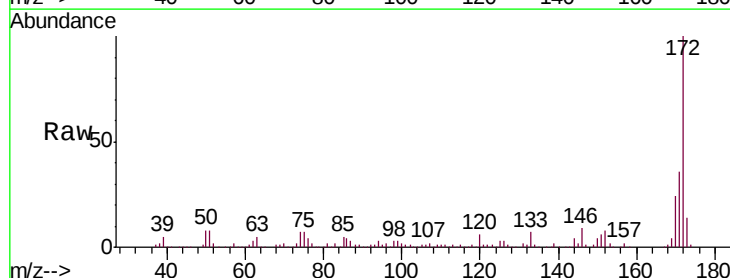


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

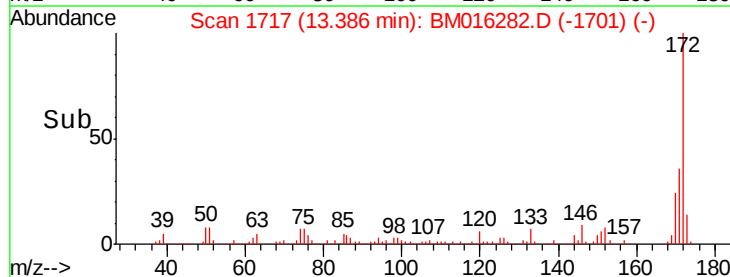
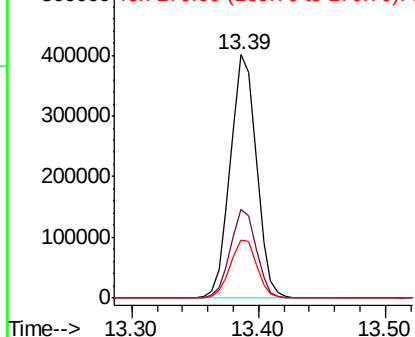


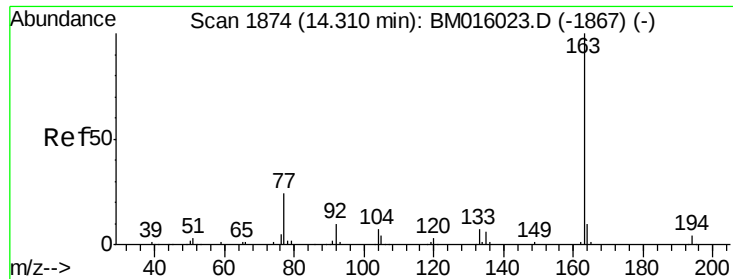
#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.39 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BM016282.D  
 Acq: 09 Aug 2018 15:27

Tgt Ion: 172 Resp: 571345  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.5 42.7  
 170 23.9 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.408 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampleId :

MW-39

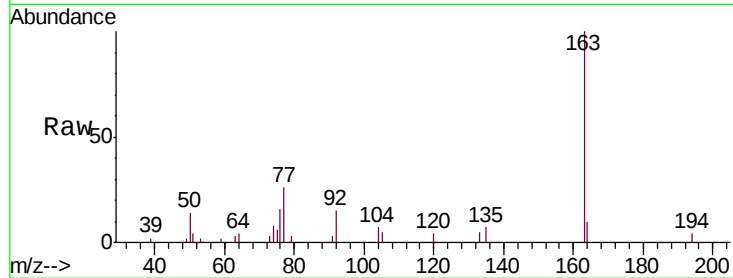
Tgt Ion:163 Resp: 22553

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

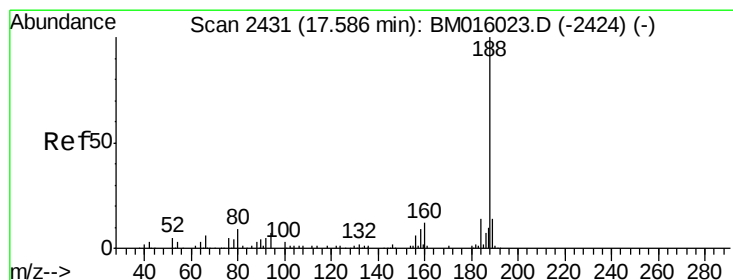
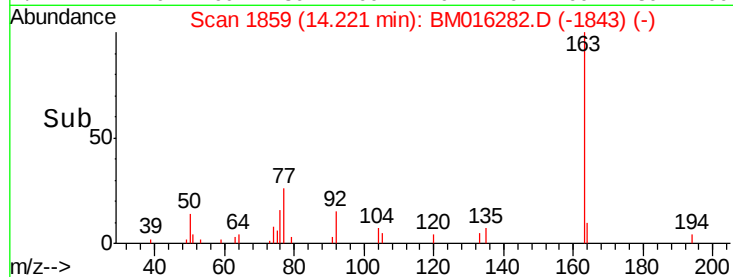
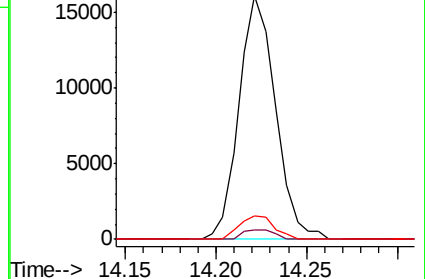
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

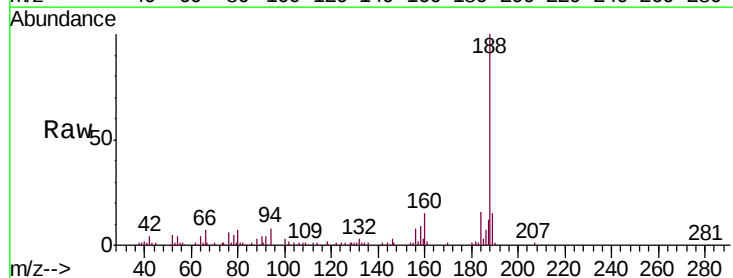
Tgt Ion:188 Resp: 128338

Ion Ratio Lower Upper

188 100

94 8.1 8.7 13.1#

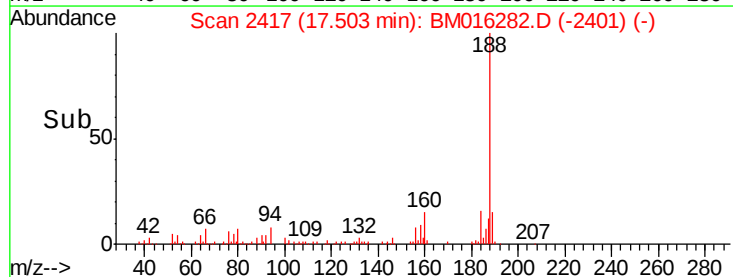
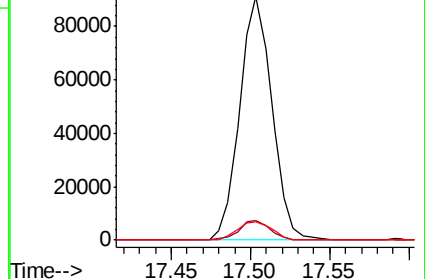
80 7.5 9.3 13.9#

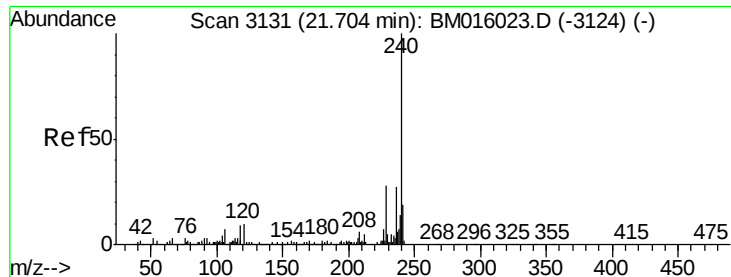


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

Instrument :

BNA\_M

ClientSampleId :

MW-39

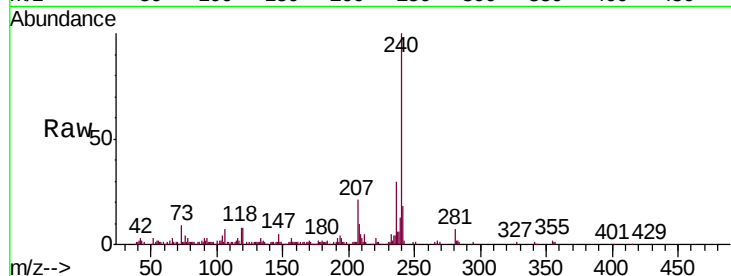
Tgt Ion:240 Resp: 148690

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

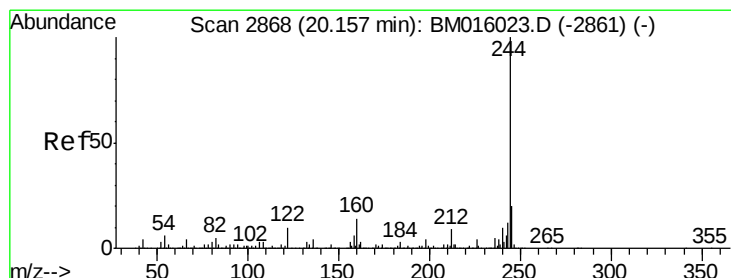
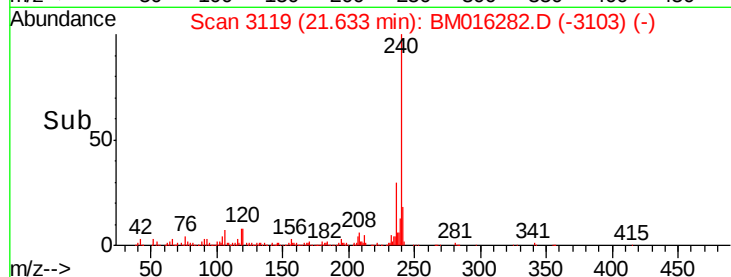
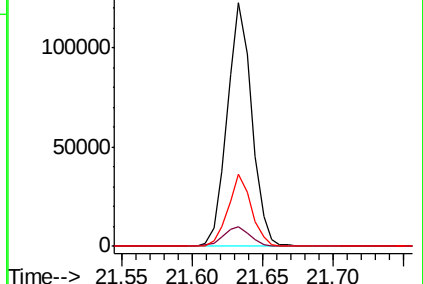
236 29.5 20.0 30.0



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: Below ng

RT: 20.09 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BM016282.D

Acq: 09 Aug 2018 15:27

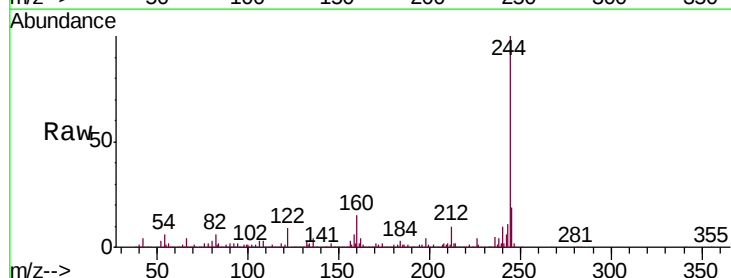
Tgt Ion:244 Resp: 991061

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

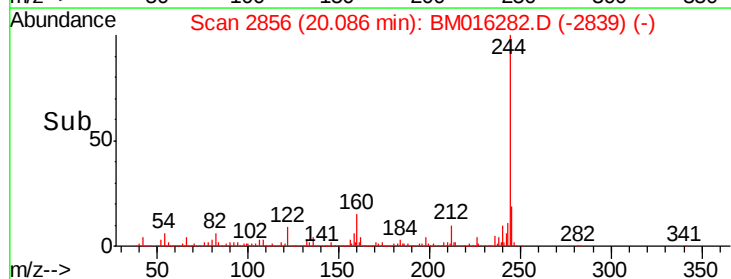
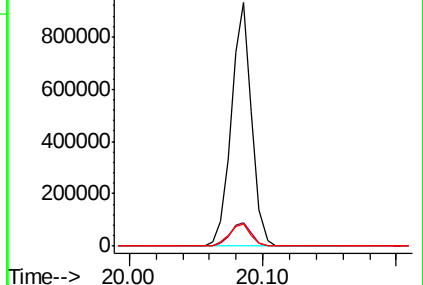
122 9.2 6.2 9.4

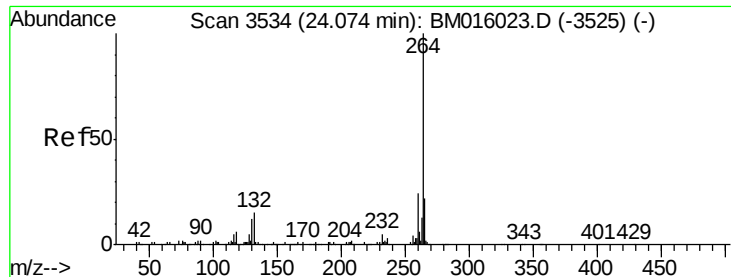


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.97 min Scan# 3517  
Delta R.T. -0.00 min  
Lab File: BM016282.D  
Acq: 09 Aug 2018 15:27

Instrument :  
BNA\_M  
ClientSampleId :  
MW-39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 18.6  | 27.8  |
| 265     | 22.1  | 17.3  | 25.9  |

