

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080918\  
 Data File : BM016291.D  
 Acq On : 09 Aug 2018 20:56  
 Operator : SJ/JU  
 Sample : J4380-04  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-08

Quant Time: Aug 10 04:06:33 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

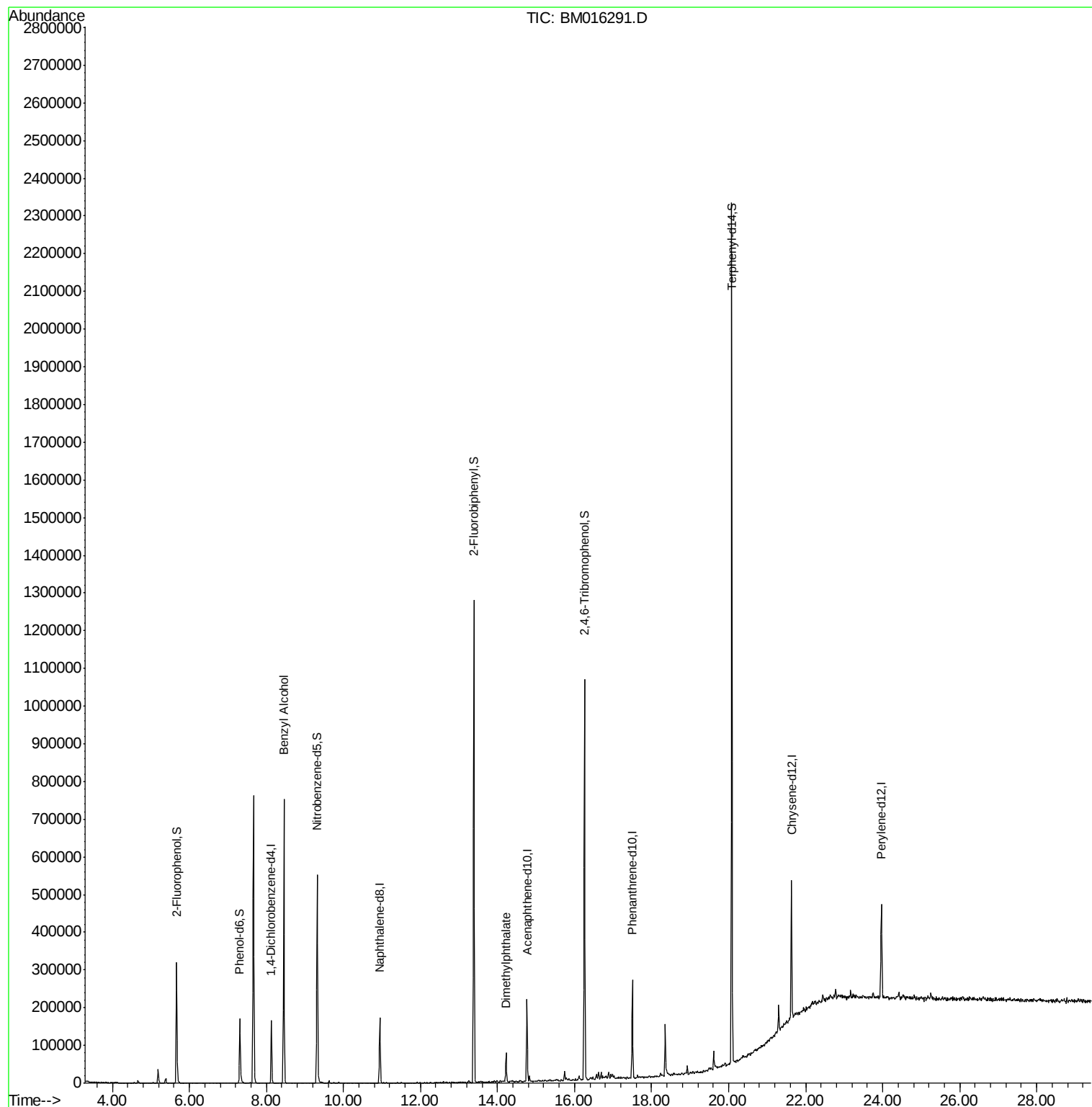
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.13  | 152  | 34688    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.95 | 136  | 123691   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 14.76 | 164  | 61149    | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 17.50 | 188  | 123914   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 21.63 | 240  | 136284   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 23.97 | 264  | 151329   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.66  | 112  | 112452   | 53.85  | ng    | 0.00        |
| 7) Phenol-d6                | 7.31  | 99   | 75227    | 27.58  | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 9.32  | 82   | 273966   | 103.02 | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 16.26 | 330  | 106244   | 136.99 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 13.39 | 172  | 494299   | 98.35  | ng    | 0.00        |
| 78) Terphenyl-d14           | 20.08 | 244  | 748238   | 114.93 | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 15) Benzyl Alcohol          | 8.45  | 79   | 5513     | 2.539  | ng    | Qvalue # 34 |
| 49) Dimethylphthalate       | 14.22 | 163  | 41481    | 7.751  | ng    | # 97        |

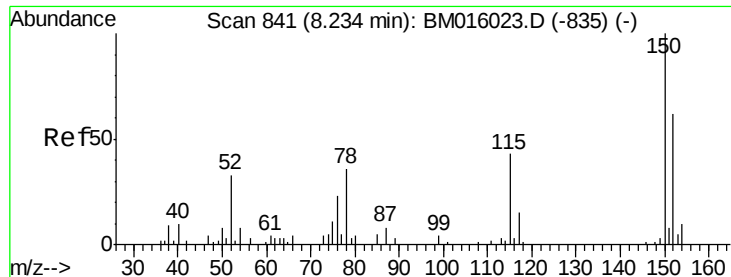
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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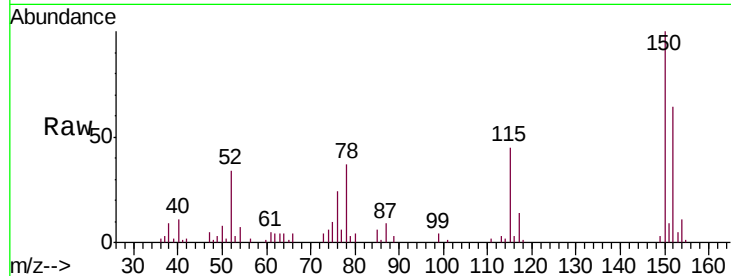


#1

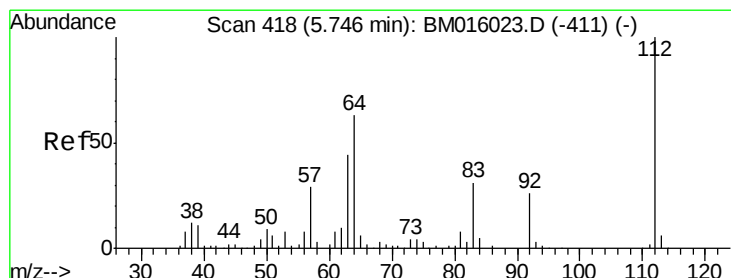
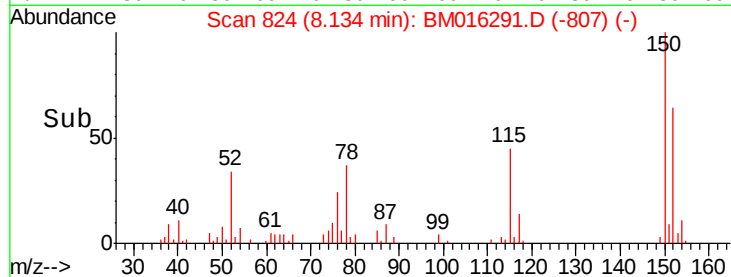
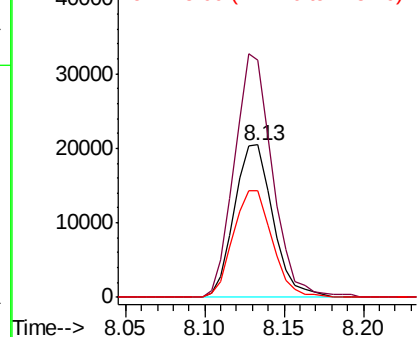
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.13 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

Instrument :  
BNA\_M  
ClientSampleId :  
MW-08

Tgt Ion:152 Resp: 34688  
Ion Ratio Lower Upper  
152 100  
150 155.4 119.5 179.3  
115 69.7 43.0 64.4#



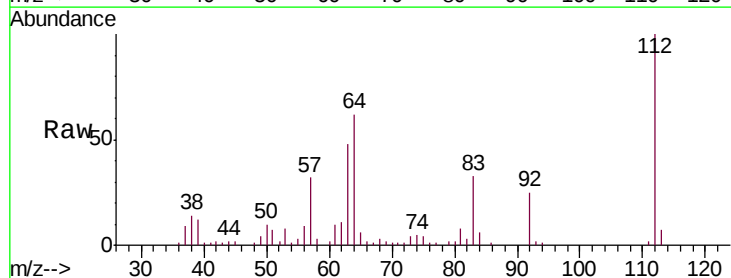
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



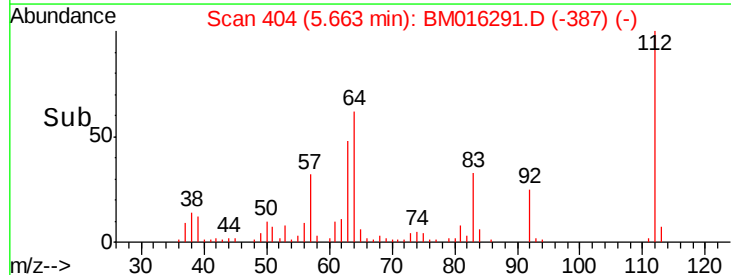
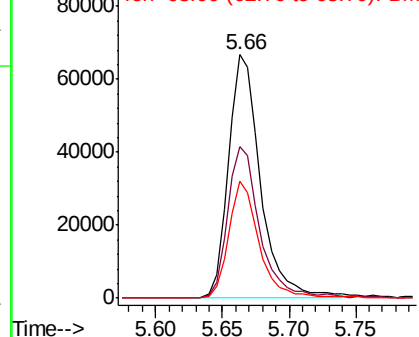
#5

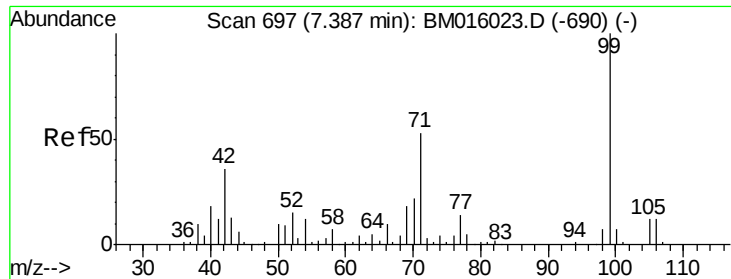
2-Fluorophenol  
Concen: N.D. ng  
RT: 5.66 min Scan# 404  
Delta R.T. 0.00 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

Tgt Ion:112 Resp: 112452  
Ion Ratio Lower Upper  
112 100  
64 62.4 38.6 57.8#  
63 48.0 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: N.D. ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016291.D

Acq: 09 Aug 2018 20:56

Instrument :

BNA\_M

ClientSampled :

MW-08

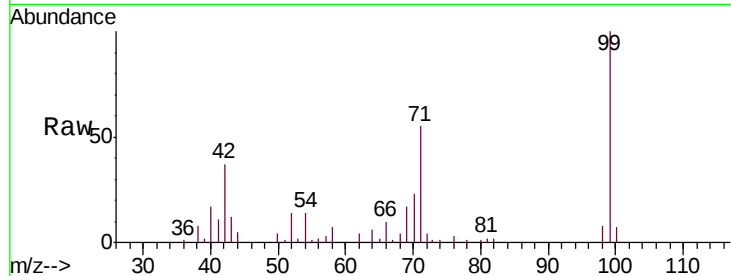
Tgt Ion: 99 Resp: 75227

Ion Ratio Lower Upper

99 100

42 37.1 11.0 16.4#

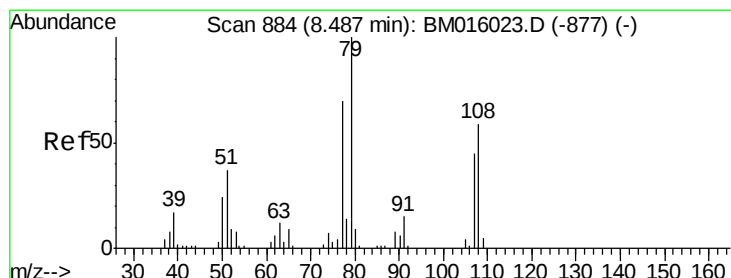
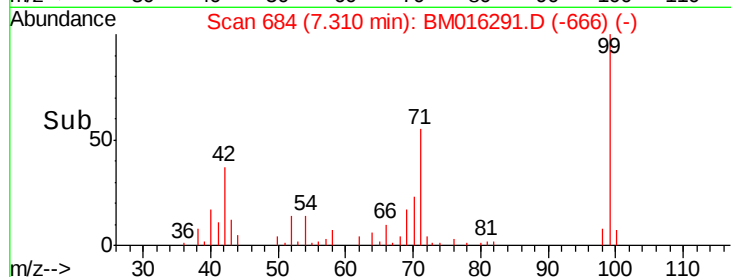
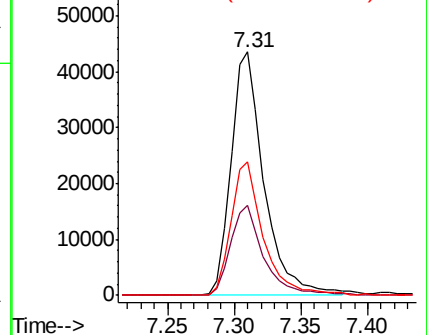
71 55.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016291.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016291.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016291.D (-666) (-)



#15

Benzyl Alcohol

Concen: 2.539 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.06 min

Lab File: BM016291.D

Acq: 09 Aug 2018 20:56

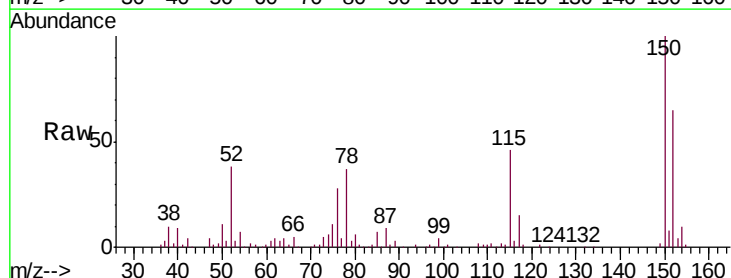
Tgt Ion: 79 Resp: 5513

Ion Ratio Lower Upper

79 100

108 71.0 65.0 97.4

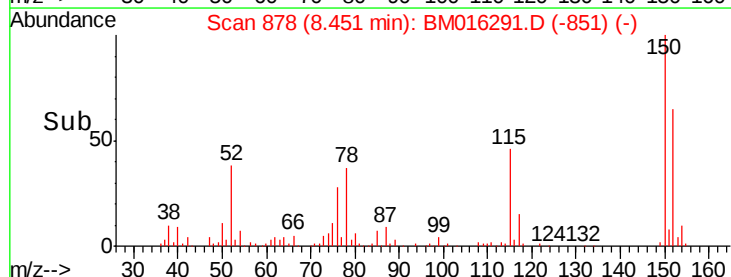
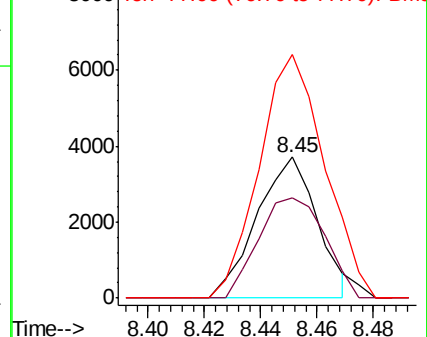
77 172.8 53.0 79.6#

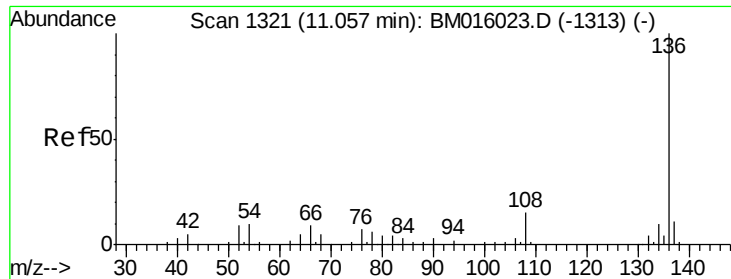


Abundance Ion 79.00 (78.70 to 79.70): BM016291.D (-851) (-)

Ion 108.00 (107.70 to 108.70): BM016291.D (-851) (-)

Ion 77.00 (76.70 to 77.70): BM016291.D (-851) (-)

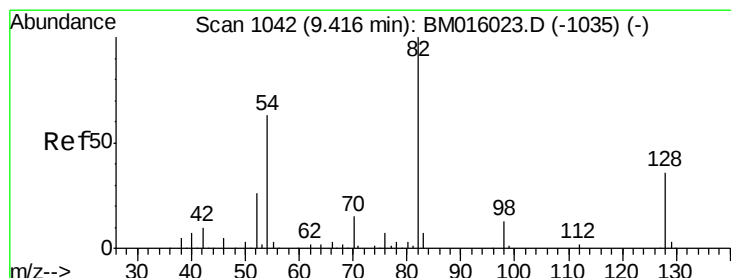
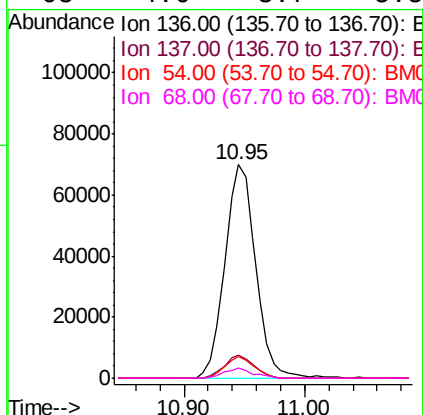
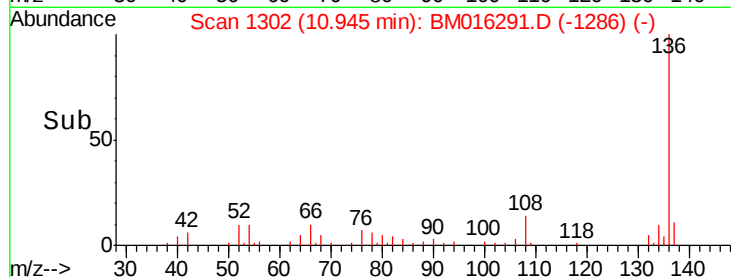
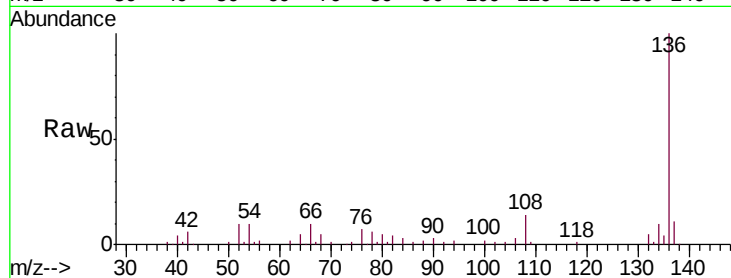




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.95 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

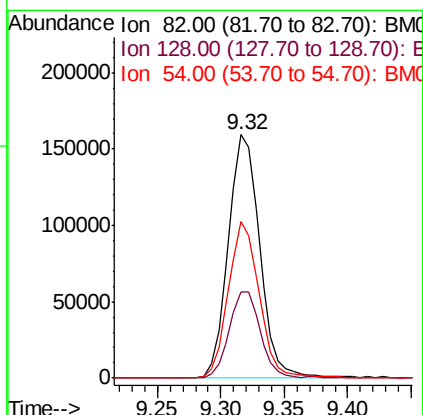
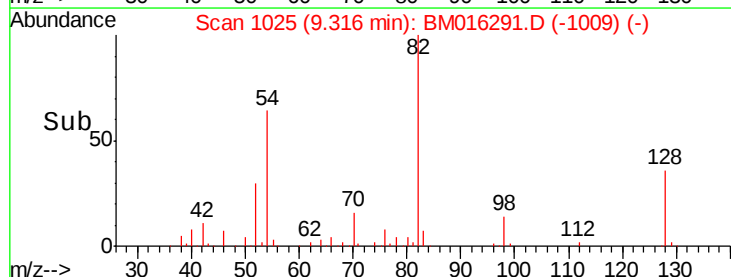
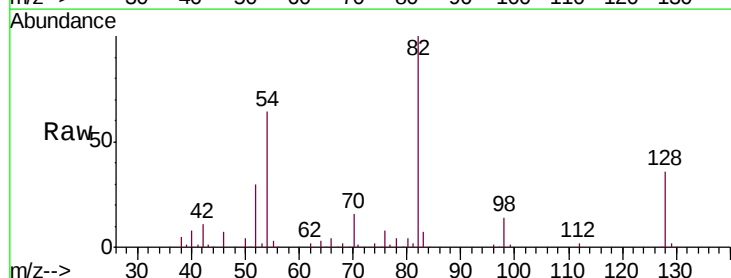
Instrument :  
BNA\_M  
ClientSampled :  
MW-08

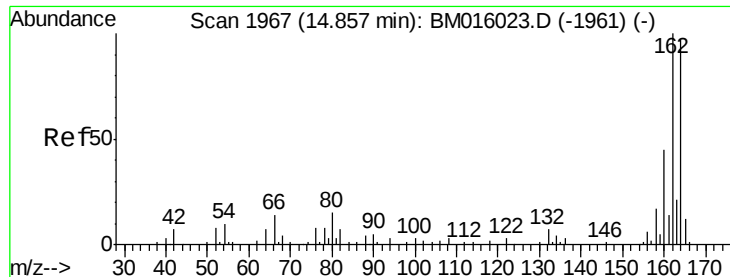
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 123691 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.7   | 13.1   |
| 54       | 10.2  | 4.6   | 6.8#   |
| 68       | 4.6   | 3.7   | 5.5    |



#23  
Nitrobenzene-d5  
Concen: N.D. ng  
RT: 9.32 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 273966 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.6  | 32.8  | 49.2   |
| 54       | 64.3  | 40.6  | 60.8#  |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM016291.D

Acq: 09 Aug 2018 20:56

Instrument :

BNA\_M

ClientSampleId :

MW-08

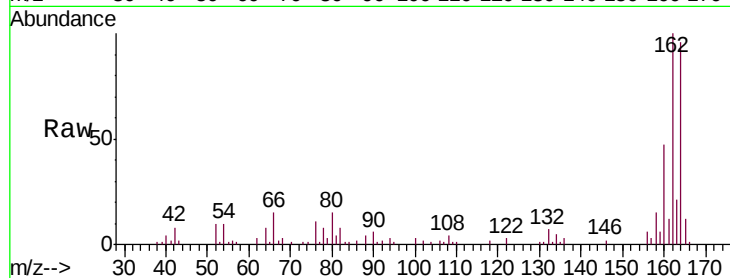
Tgt Ion:164 Resp: 61149

Ion Ratio Lower Upper

164 100

162 103.9 82.4 123.6

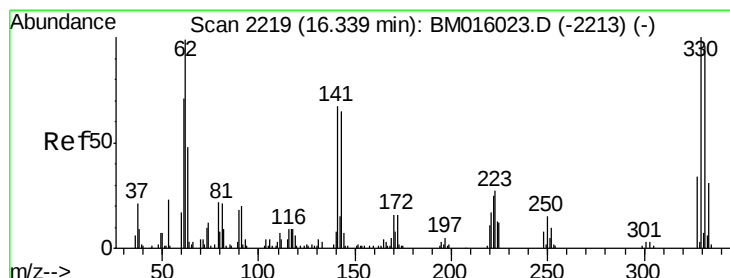
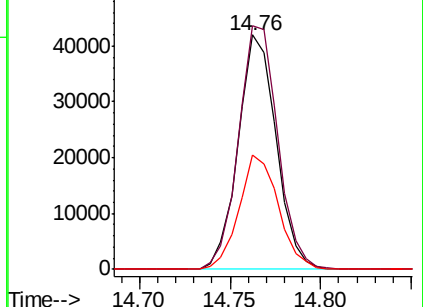
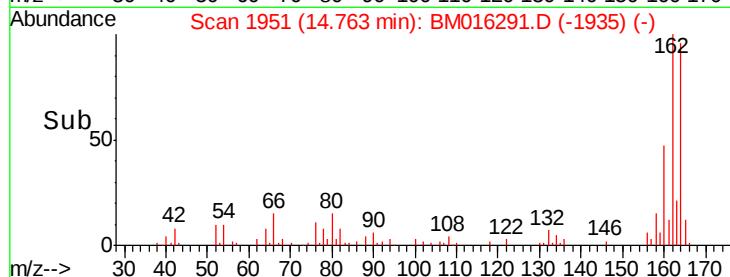
160 48.6 35.8 53.6



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: N.D. ng

RT: 16.26 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM016291.D

Acq: 09 Aug 2018 20:56

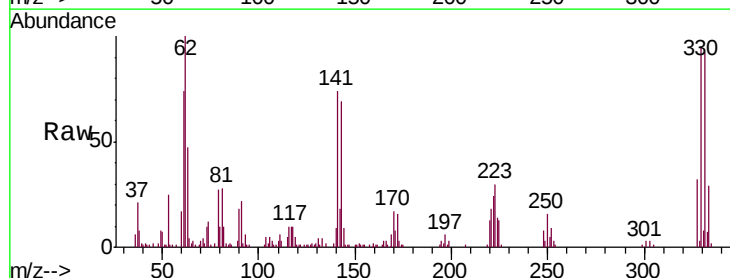
Tgt Ion:330 Resp: 106244

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

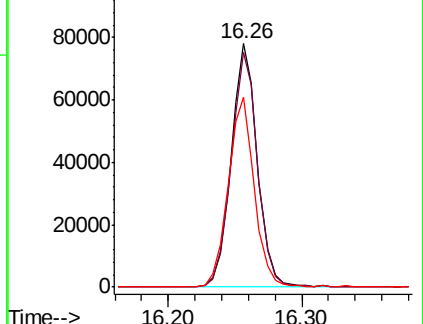
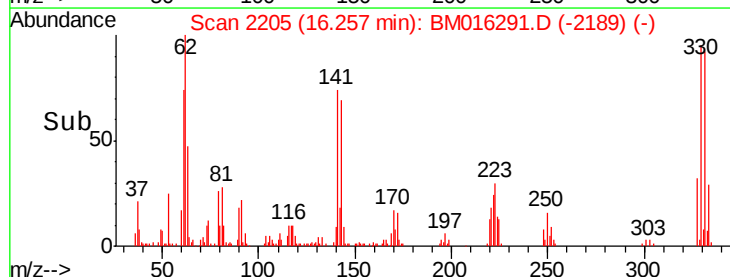
141 78.3 0.0 0.0#

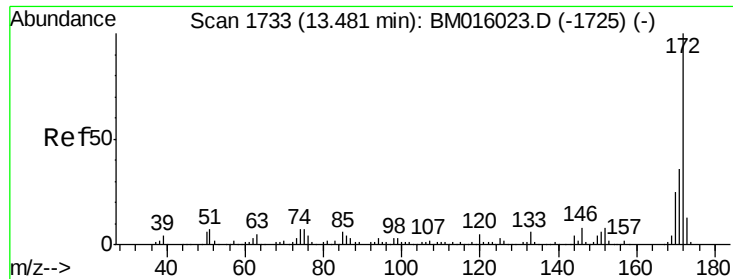


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

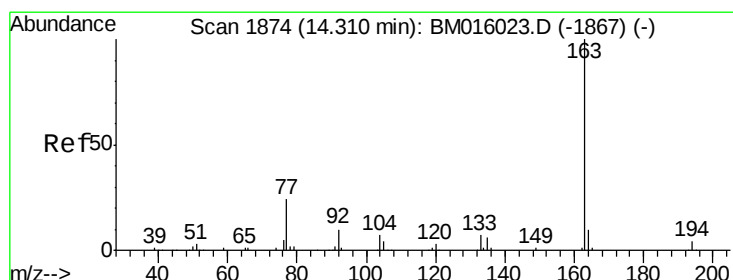
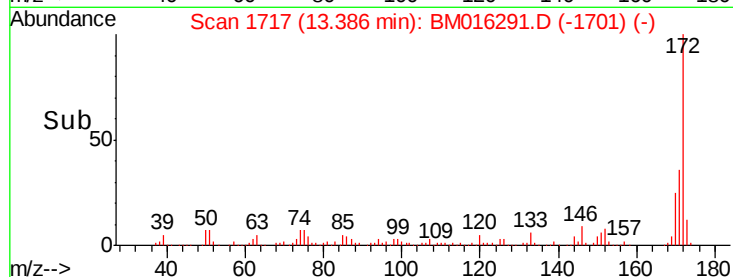
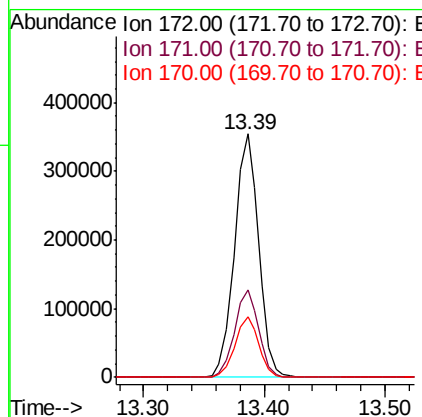
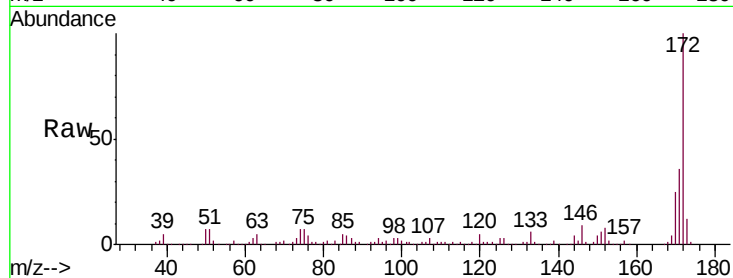




#44  
2-Fluorobiphenyl  
Concen: N.D. ng  
RT: 13.39 min Scan# 1717  
Delta R.T. -0.01 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

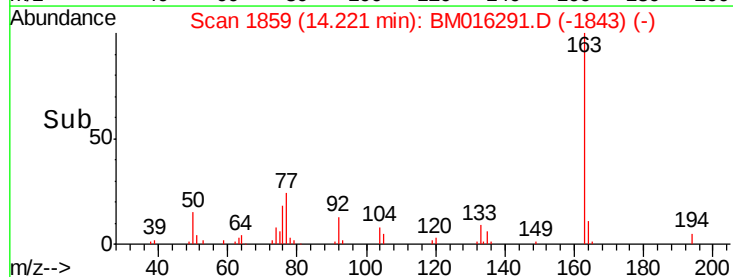
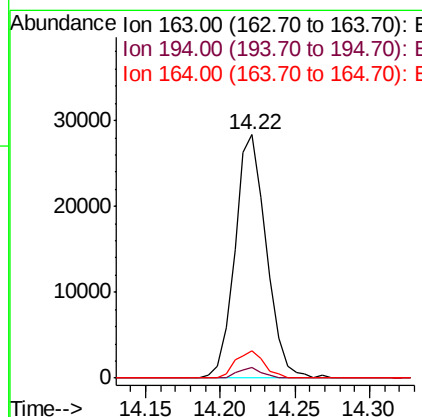
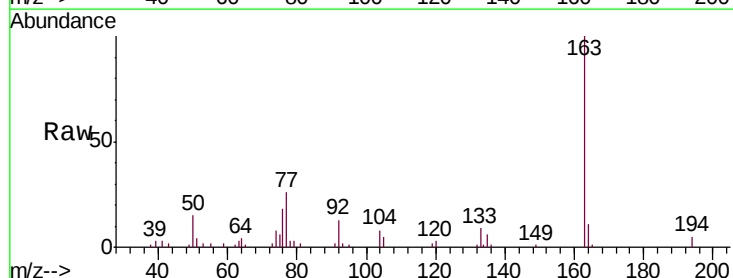
Instrument :  
BNA\_M  
ClientSampleId :  
MW-08

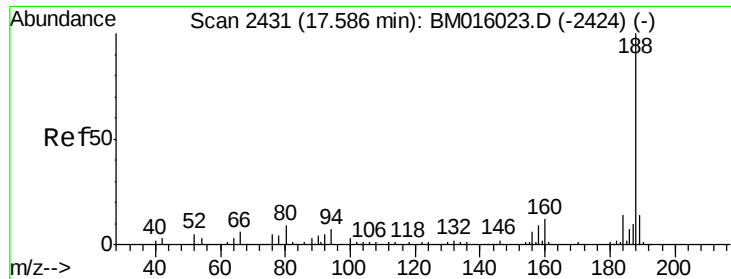
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 28.5  | 42.7  |
| 170     | 24.7  | 18.8  | 28.2  |



#49  
Dimethylphthalate  
Concen: 7.751 ng  
RT: 14.22 min Scan# 1859  
Delta R.T. -0.01 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.6   | 2.7   | 4.1#  |
| 164     | 11.4  | 8.2   | 12.2  |

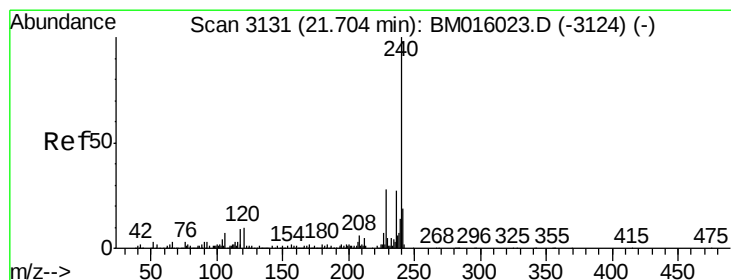
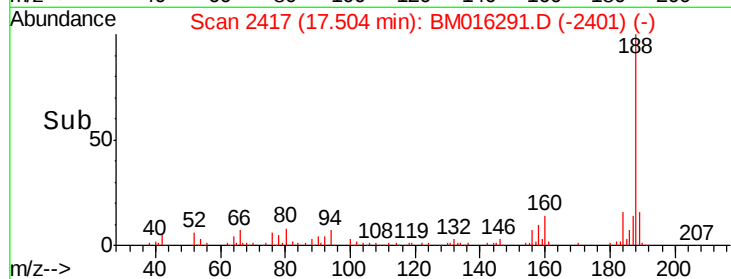
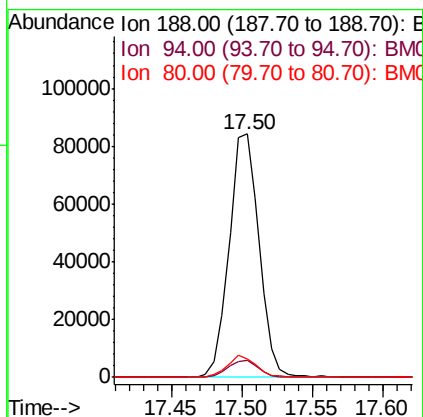
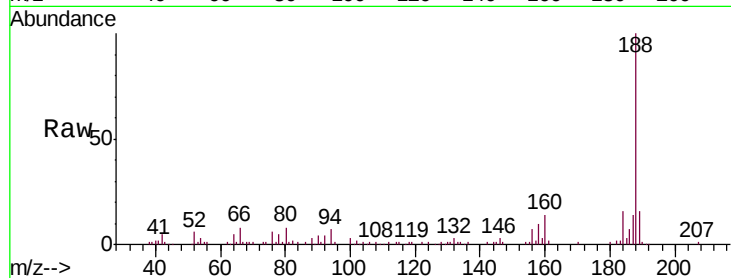




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.50 min Scan# 2417  
Delta R.T. -0.01 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

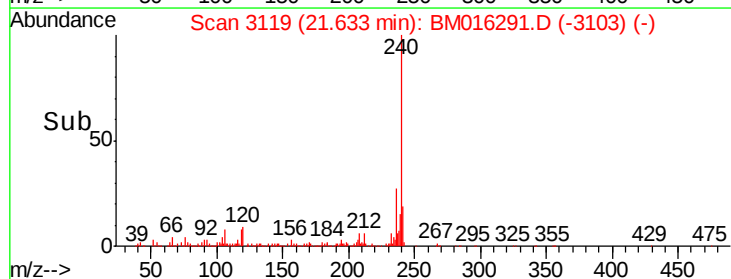
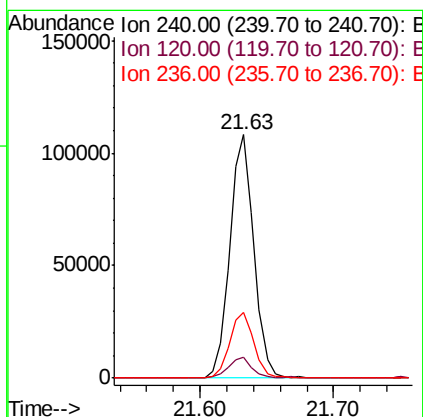
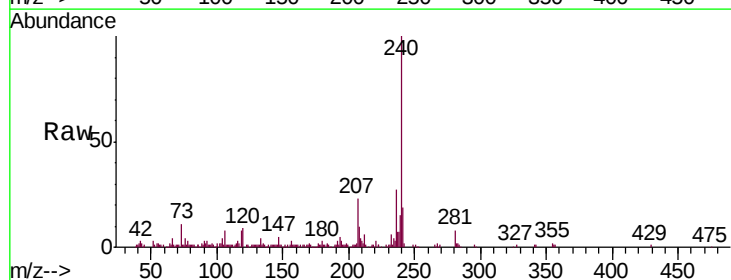
Instrument :  
BNA\_M  
ClientSampled :  
MW-08

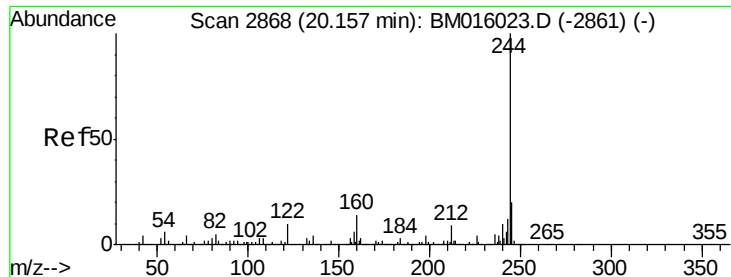
Tgt Ion:188 Resp: 123914  
Ion Ratio Lower Upper  
188 100  
94 6.8 8.7 13.1#  
80 7.7 9.3 13.9#



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.63 min Scan# 3119  
Delta R.T. -0.01 min  
Lab File: BM016291.D  
Acq: 09 Aug 2018 20:56

Tgt Ion:240 Resp: 136284  
Ion Ratio Lower Upper  
240 100  
120 8.6 8.2 12.2  
236 26.8 20.0 30.0





#78

Terphenyl-d14

Concen: Below ng

RT: 20.08 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM016291.D

Acq: 09 Aug 2018 20:56

Instrument :

BNA\_M

ClientSampleId :

MW-08

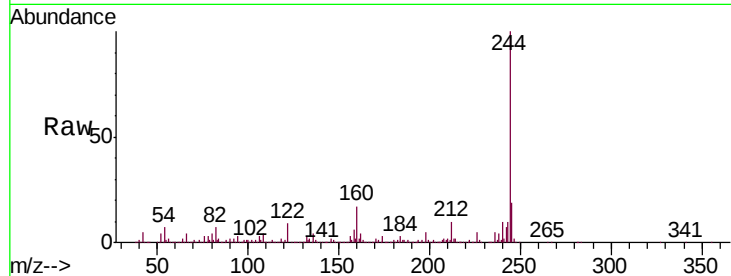
Tgt Ion:244 Resp: 748238

Ion Ratio Lower Upper

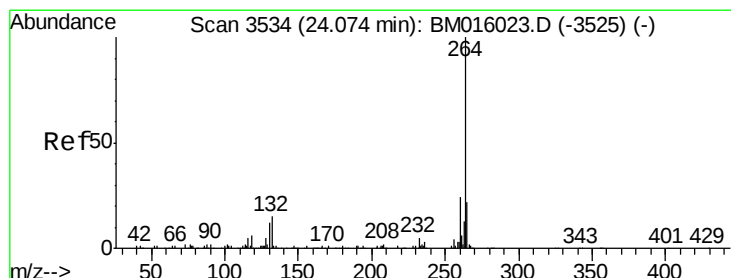
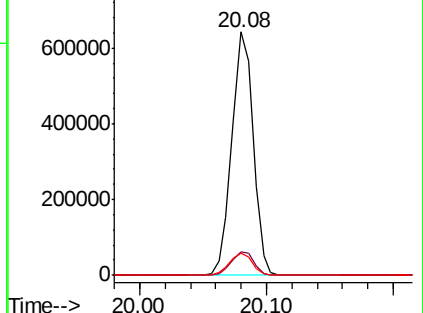
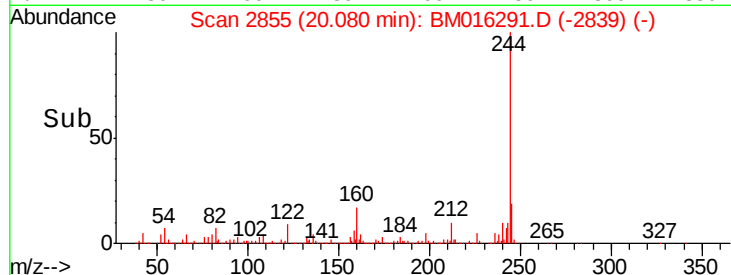
244 100

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# 3516

Delta R.T. -0.01 min

Lab File: BM016291.D

Acq: 09 Aug 2018 20:56

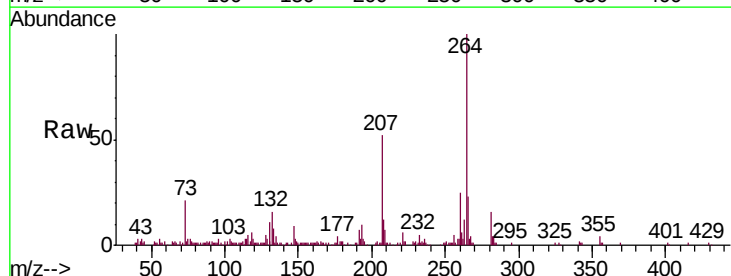
Tgt Ion:264 Resp: 151329

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 23.4 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

