

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\  
 Data File : BM016219.D  
 Acq On : 07 Aug 2018 08:38  
 Operator : SJ/JU  
 Sample : J4332-06  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 07 10:19:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 23 16:08:38 2018  
 Response via : Initial Calibration

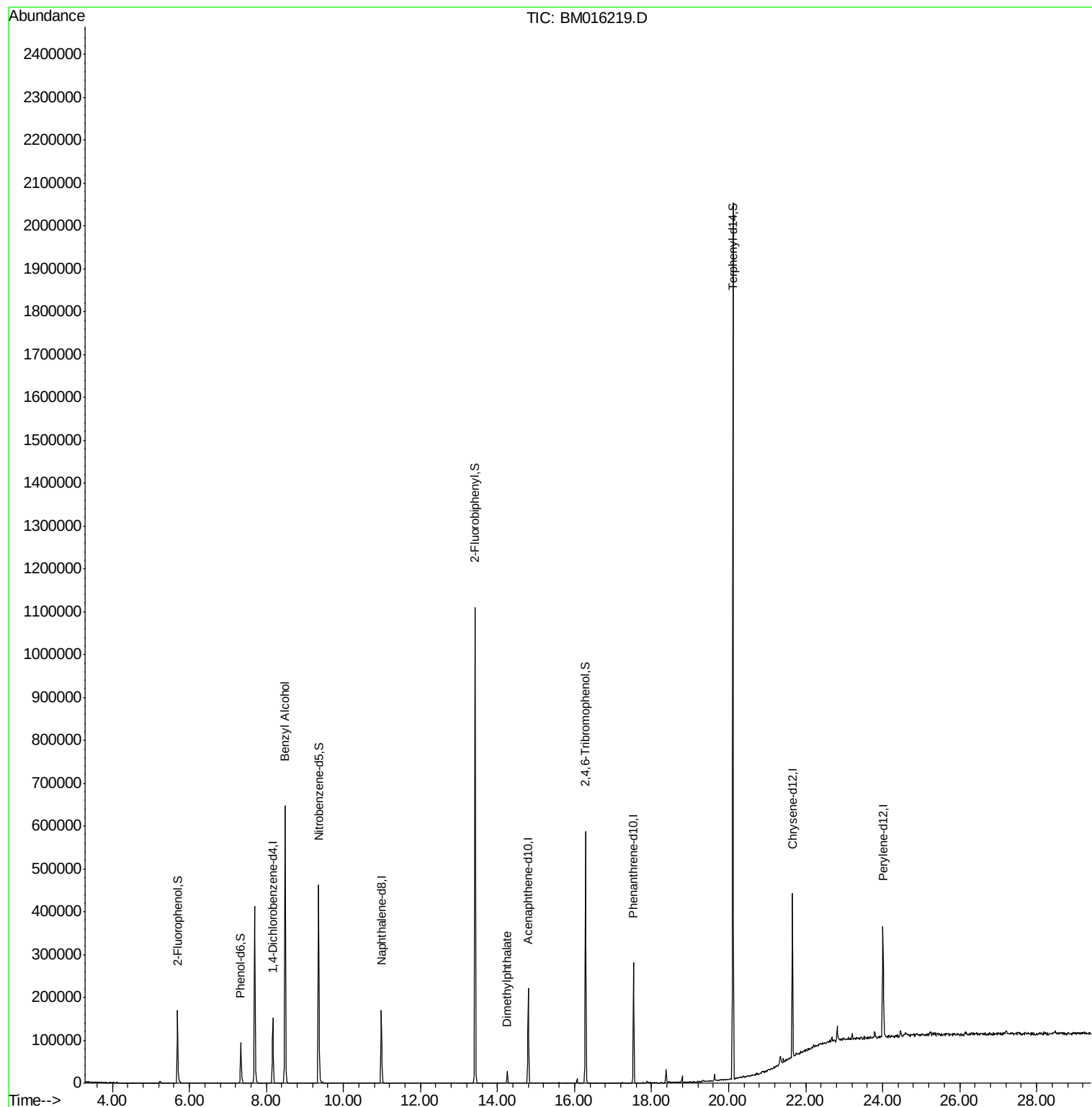
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.17  | 152  | 30942    | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8          | 10.99 | 136  | 119609   | 20.00 | ng    | -0.07    |
| 38) Acenaphthene-d10        | 14.80 | 164  | 61867    | 20.00 | ng    | -0.06    |
| 63) Phenanthrene-d10        | 17.53 | 188  | 130401   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12            | 21.66 | 240  | 147272   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12            | 24.01 | 264  | 161123   | 20.00 | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.69  | 112  | 62220    | 33.40 | ng    | -0.05    |
| 7) Phenol-d6                | 7.33  | 99   | 44740    | 18.39 | ng    | -0.05    |
| 23) Nitrobenzene-d5         | 9.35  | 82   | 229871   | 89.39 | ng    | -0.06    |
| 41) 2,4,6-Tribromophenol    | 16.29 | 330  | 57403    | 73.16 | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 13.42 | 172  | 429372   | 84.44 | ng    | -0.06    |
| 78) Terphenyl-d14           | 20.11 | 244  | 616825   | 87.67 | ng    | -0.05    |
| Target Compounds            |       |      |          |       |       |          |
| 15) Benzyl Alcohol          | 8.49  | 79   | 4426     | 2.285 | ng    | # 29     |
| 49) Dimethylphthalate       | 14.26 | 163  | 16101    | 2.974 | ng    | # 95     |

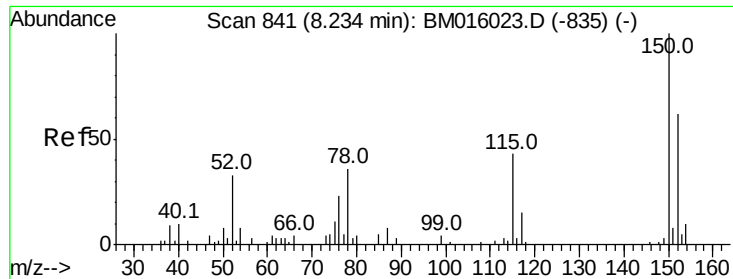
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\  
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Sample : J4332-06  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Aug 07 10:19:30 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 23 16:08:38 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.06 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

Instrument :

BNA\_M

ClientSampleId :

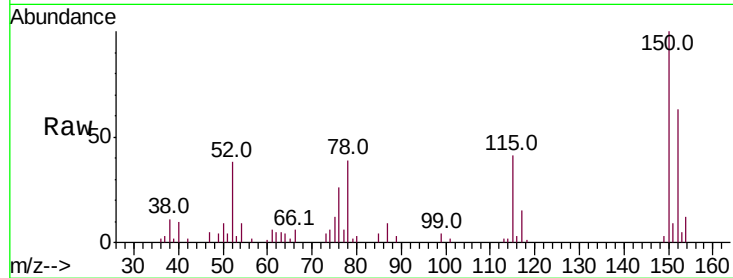
Tot Ion:152 Resp: 30942

Ion Ratio Lower Upper

152 100

150 158.5 119.5 179.3

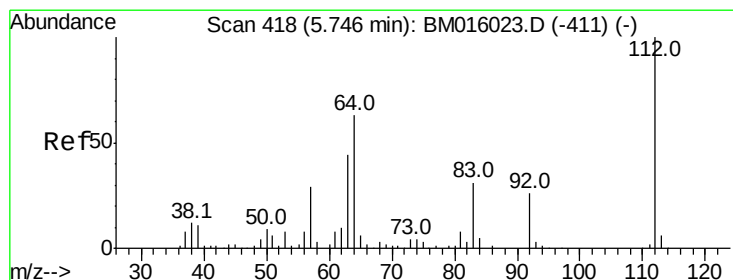
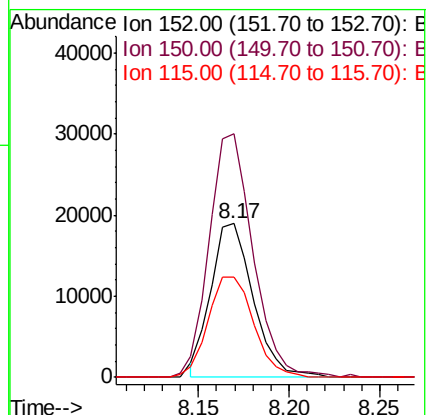
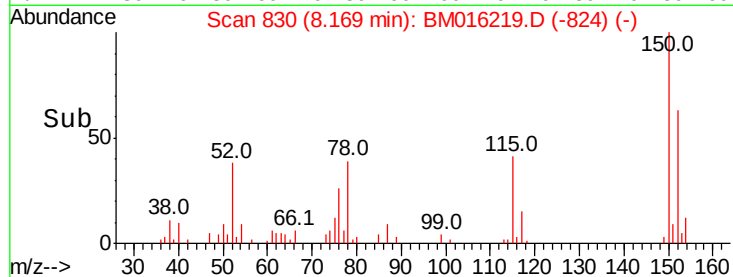
115 65.6 43.0 64.4#



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: 5.69 min Scan# 409

Delta R.T. -0.05 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

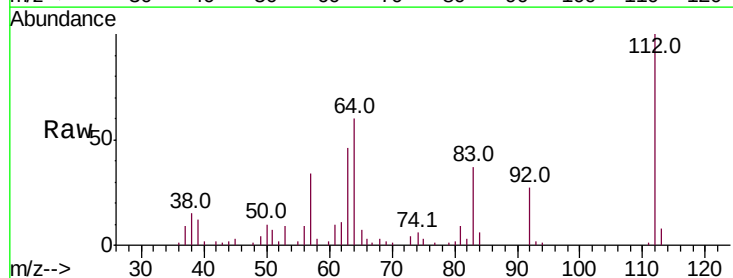
Tgt Ion:112 Resp: 62220

Ion Ratio Lower Upper

112 100

64 60.3 38.6 57.8#

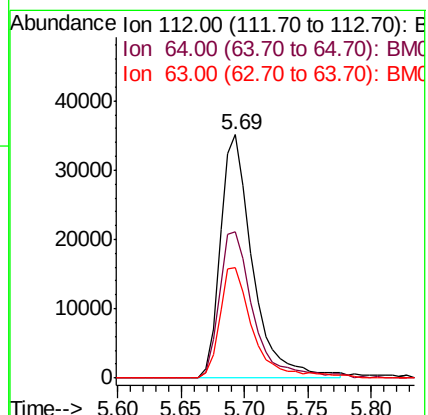
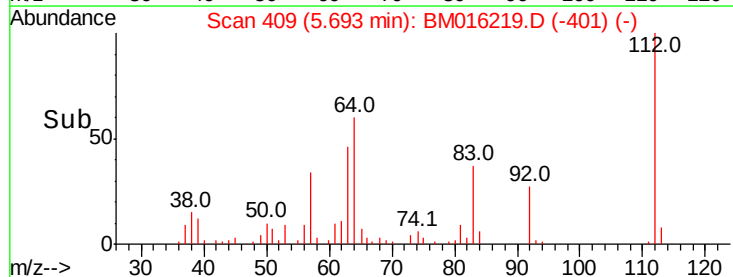
63 45.5 19.3 28.9#

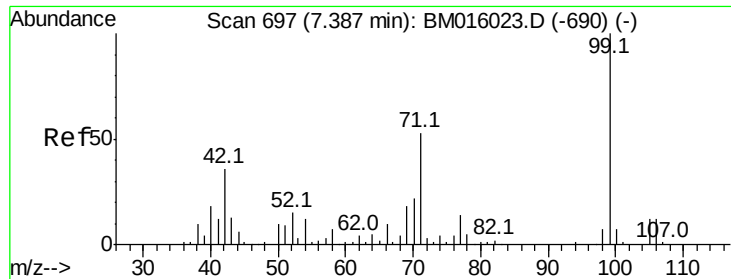


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

Instrument :

BNA\_M

ClientSampleId :

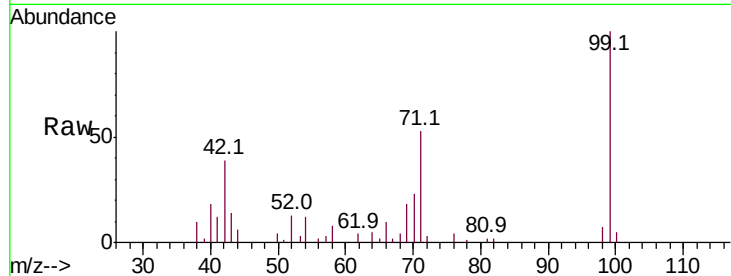
Tot Ion: 99 Resp: 44740

Ion Ratio Lower Upper

99 100

42 39.0 11.0 16.4#

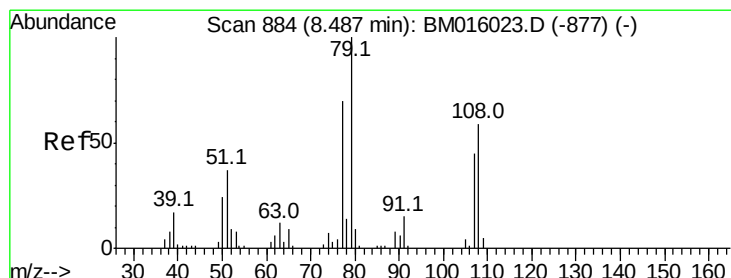
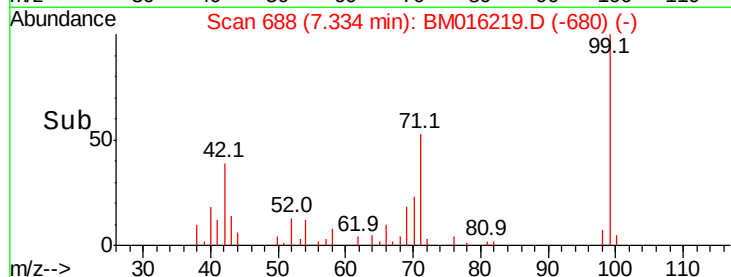
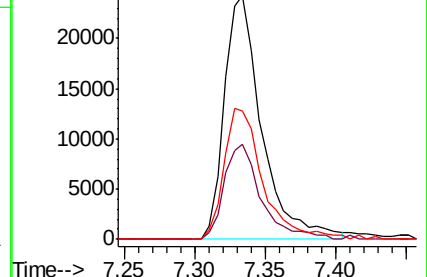
71 52.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#15

Benzyl Alcohol

Concen: 2.285 ng

RT: 8.49 min Scan# 884

Delta R.T. -0.00 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

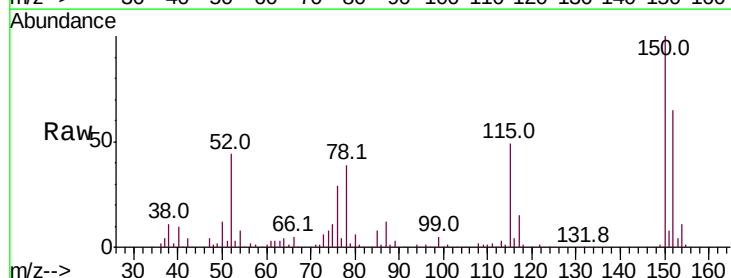
Tgt Ion: 79 Resp: 4426

Ion Ratio Lower Upper

79 100

108 80.3 65.0 97.4

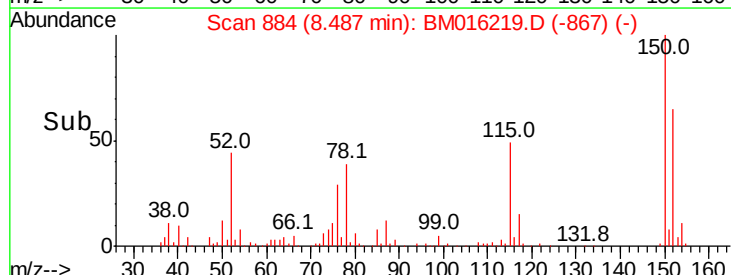
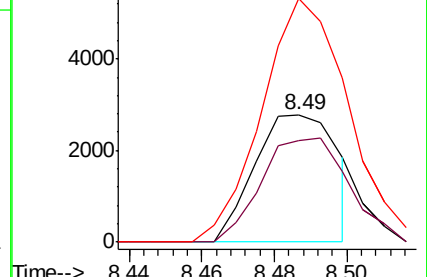
77 191.4 53.0 79.6#

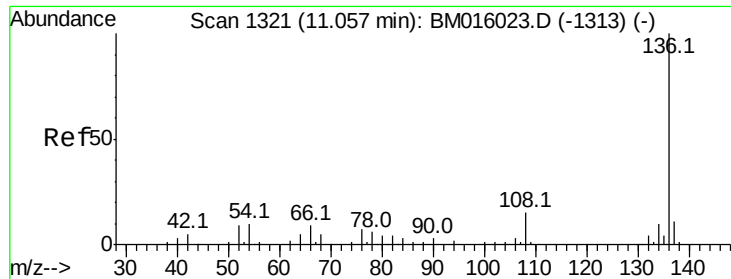


Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

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

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

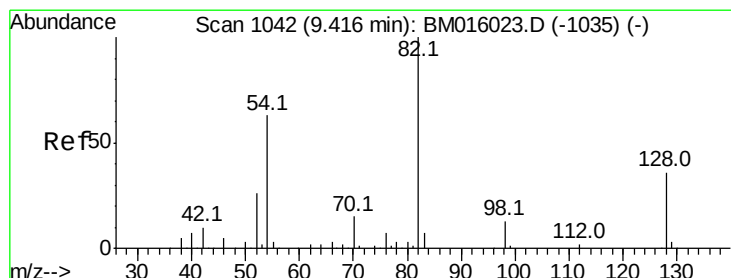
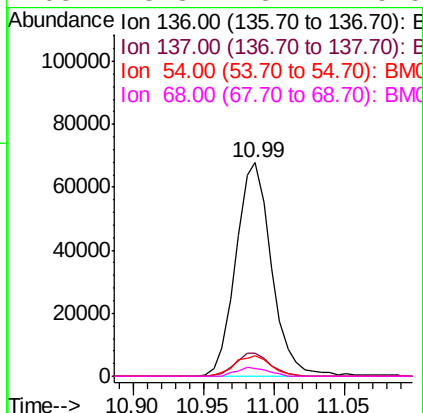
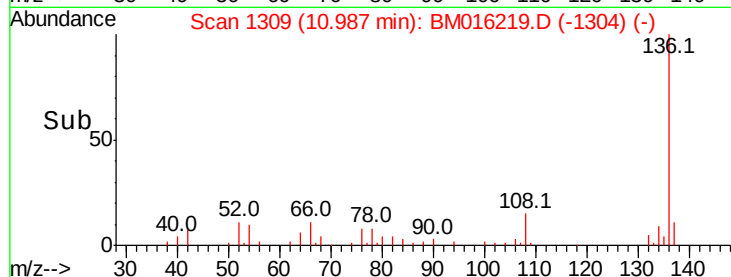
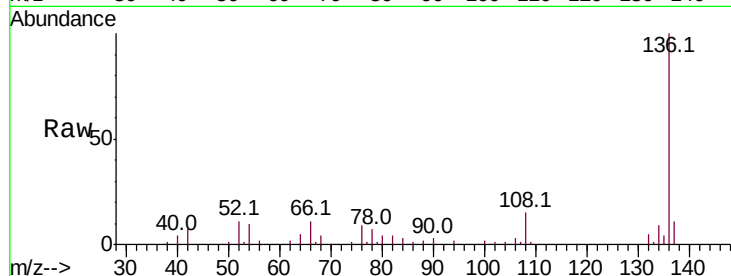




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.99 min Scan# 1309  
Delta R.T. -0.07 min  
Lab File: BM016219.D  
Acq: 07 Aug 2018 08:38

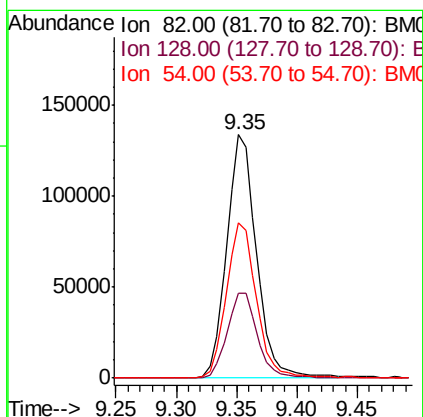
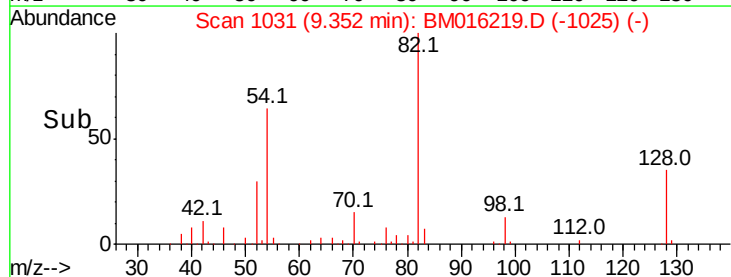
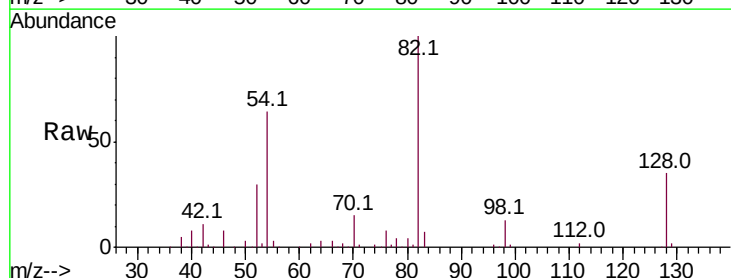
Instrument :  
BNA\_M  
ClientSampled :

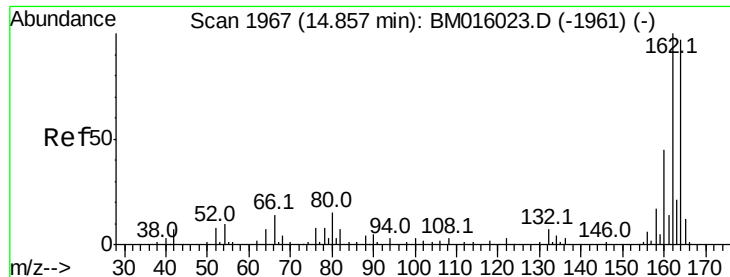
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 119609   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 8.7 13.1 |
| 54          | 9.8   | 4.6 6.8# |
| 68          | 3.8   | 3.7 5.5  |



#23  
Nitrobenzene-d5  
Concen: N.D. ng  
RT: 9.35 min Scan# 1031  
Delta R.T. -0.06 min  
Lab File: BM016219.D  
Acq: 07 Aug 2018 08:38

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 229871     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 34.9  | 32.8 49.2  |
| 54          | 63.6  | 40.6 60.8# |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1957

Delta R.T. -0.06 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

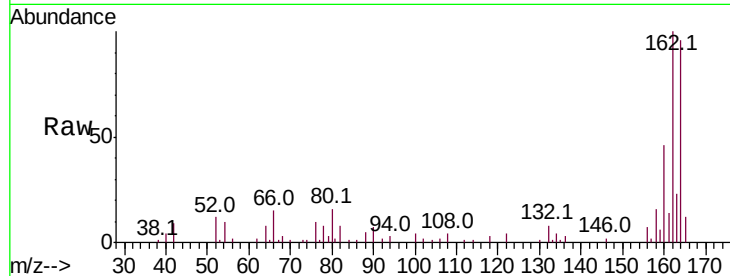
Instrument :

BNA\_M

ClientSampled :

Tot Ion:164 Resp: 61867

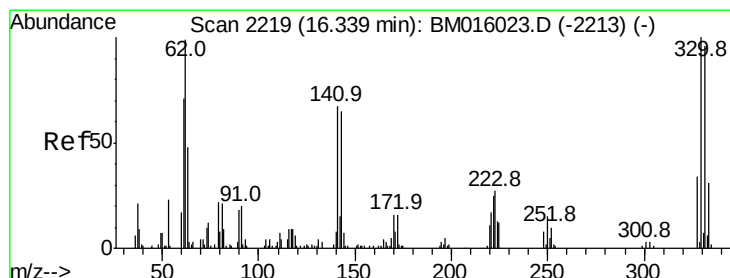
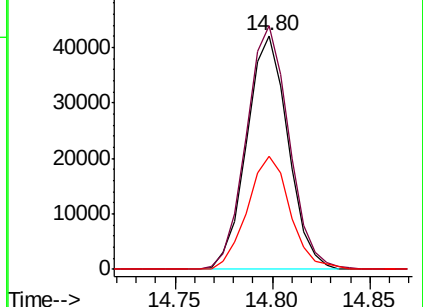
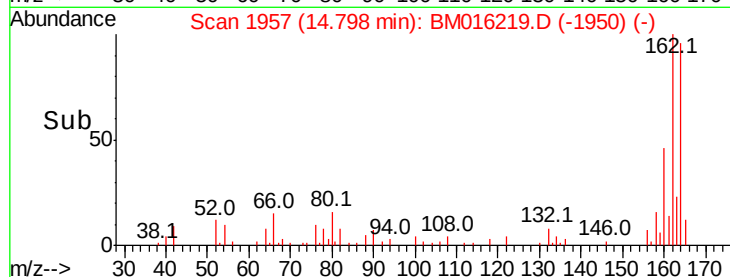
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.1 | 82.4  | 123.6 |
| 160 | 48.2  | 35.8  | 53.6  |



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: 16.29 min Scan# 2210

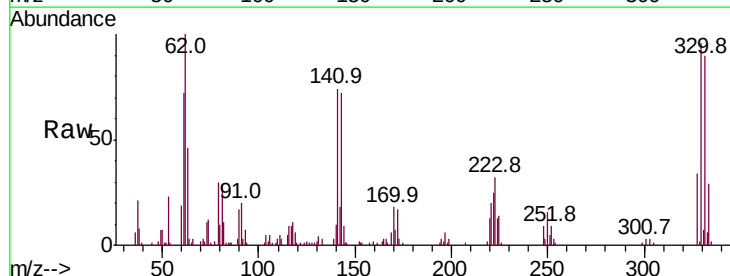
Delta R.T. -0.05 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

Tgt Ion:330 Resp: 57403

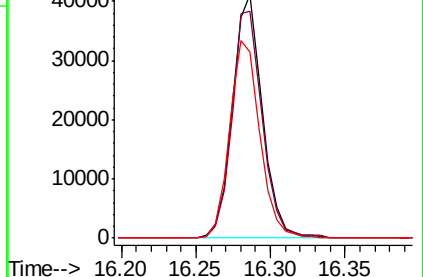
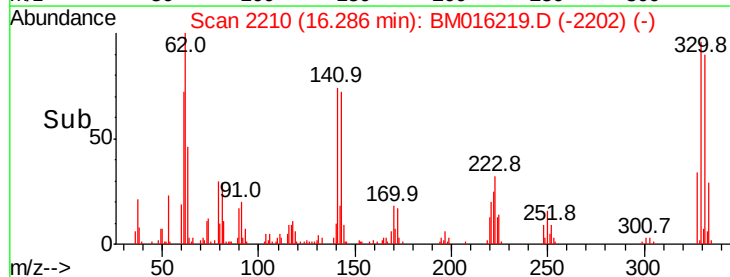
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 95.0  | 0.0   | 0.0#  |
| 141 | 82.5  | 0.0   | 0.0#  |

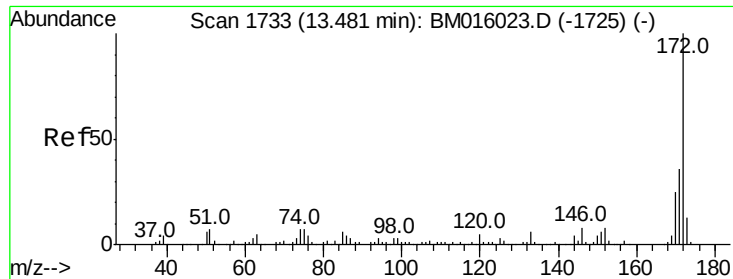


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

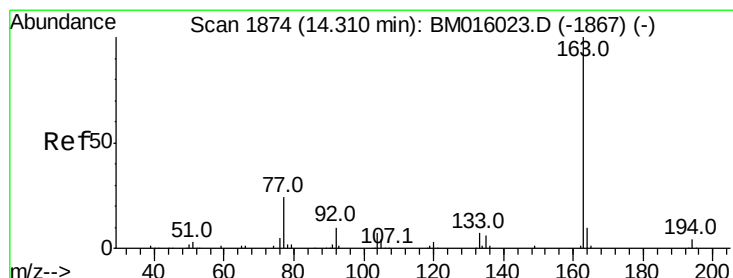
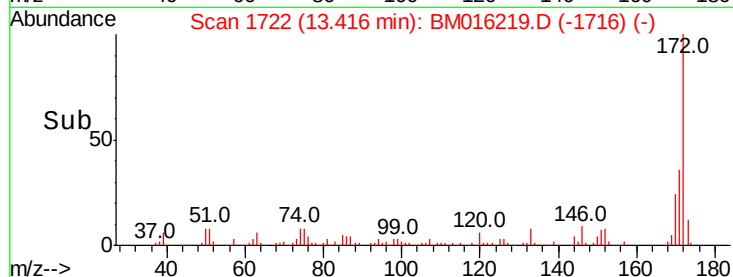
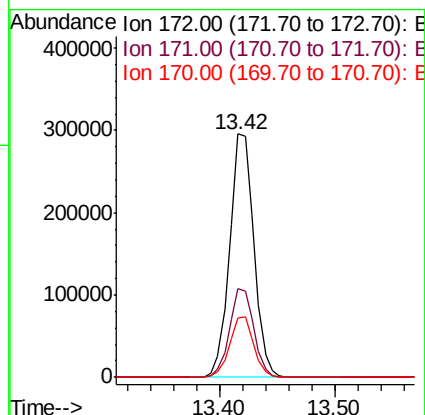
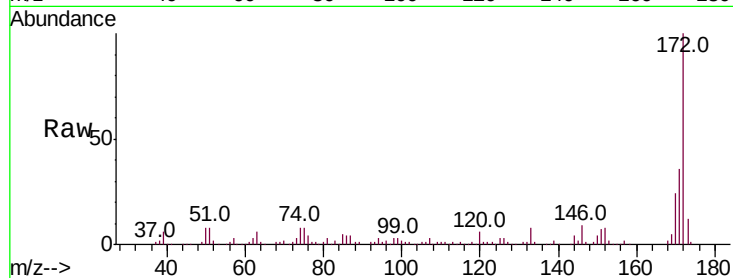




#44  
2-Fluorobiphenyl  
Concen: N.D. na  
RT: 13.42 min Scan# 1722  
Delta R.T. -0.06 min  
Lab File: BM016219.D  
Acq: 07 Aug 2018 08:38

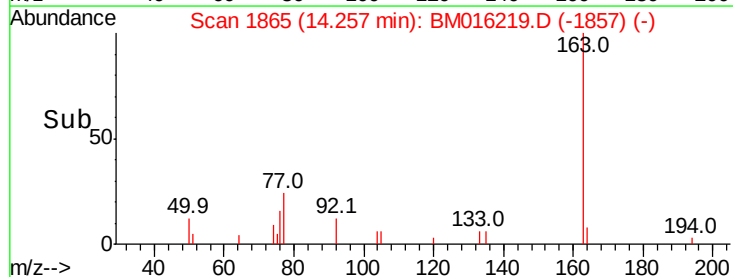
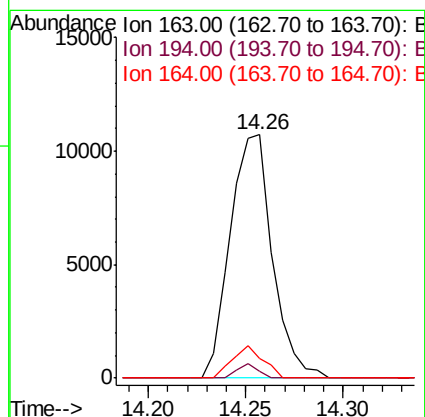
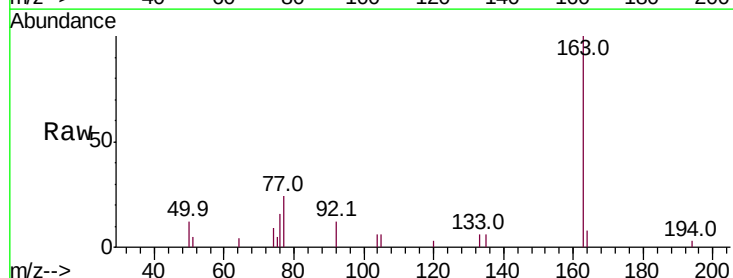
Instrument :  
BNA\_M  
ClientSampleId :

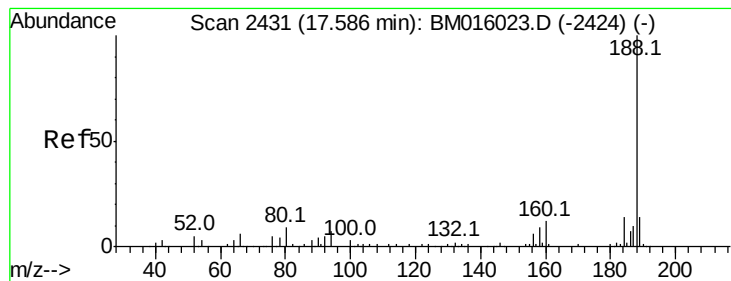
Tot Ion:172 Resp: 429372  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 24.2 18.8 28.2



#49  
Dimethylphthalate  
Concen: 2.974 ng  
RT: 14.26 min Scan# 1865  
Delta R.T. -0.05 min  
Lab File: BM016219.D  
Acq: 07 Aug 2018 08:38

Tgt Ion:163 Resp: 16101  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.7 4.1  
164 8.1 8.2 12.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

Instrument :

BNA\_M

ClientSampleId :

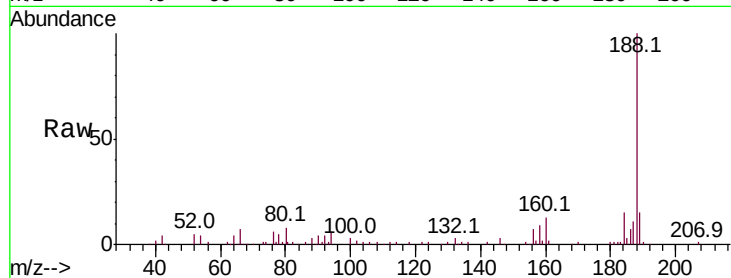
Tot Ion:188 Resp: 130401

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

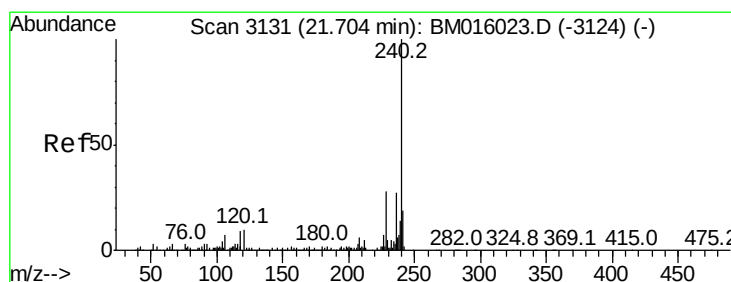
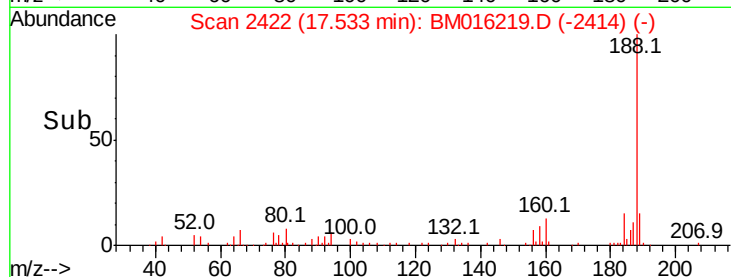
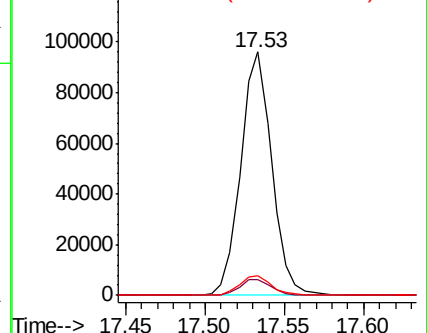
80 8.0 9.3 13.9#



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: 21.66 min Scan# 3123

Delta R.T. -0.05 min

Lab File: BM016219.D

Acq: 07 Aug 2018 08:38

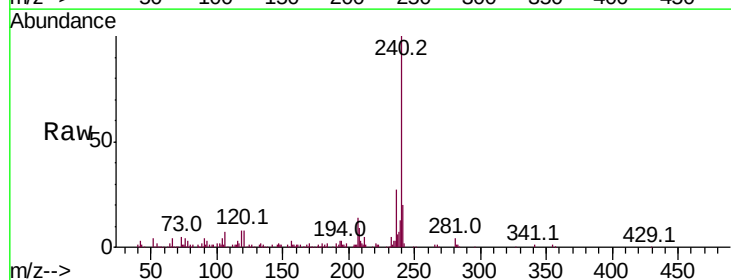
Tgt Ion:240 Resp: 147272

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

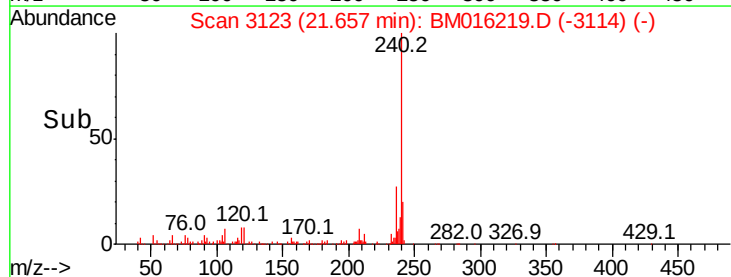
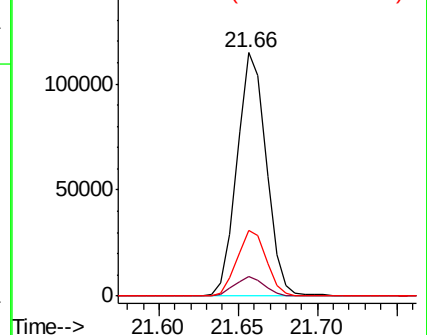
236 27.1 20.0 30.0



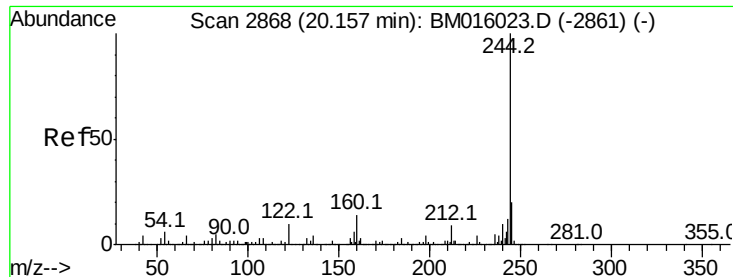
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



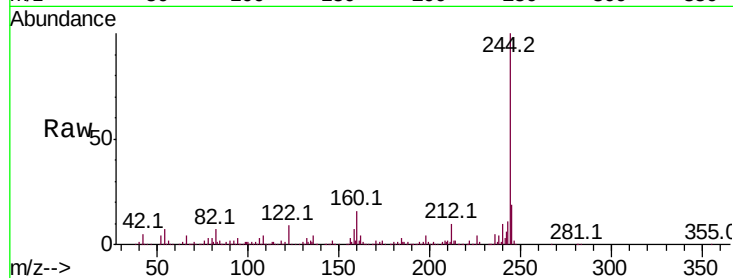




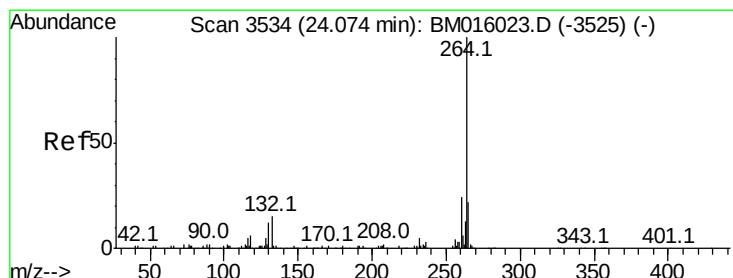
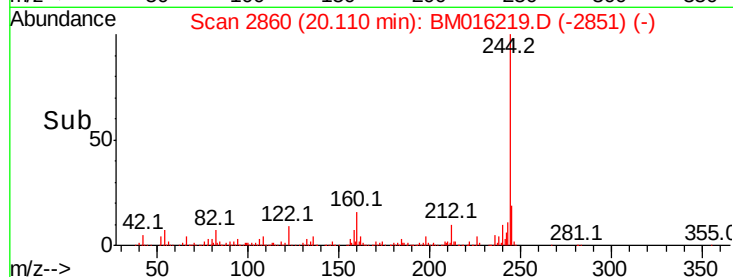
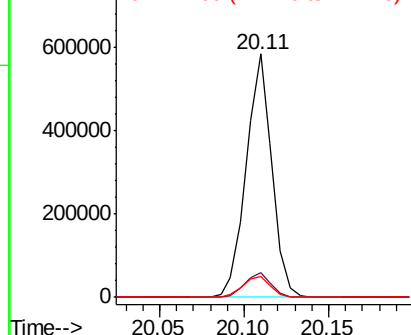
#78  
 Terphenyl-d14  
 Concen: N.D. ng  
 RT: 20.11 min Scan# 2860  
 Delta R.T. -0.05 min  
 Lab File: BM016219.D  
 Acq: 07 Aug 2018 08:38

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.2  | 4.9   | 7.3#  |
| 122     | 8.8   | 6.2   | 9.4   |

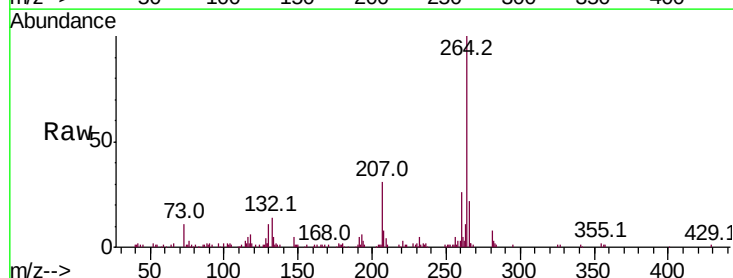


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.01 min Scan# 3523  
 Delta R.T. -0.06 min  
 Lab File: BM016219.D  
 Acq: 07 Aug 2018 08:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.6  | 18.6  | 27.8  |
| 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

