

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM013019\  
 Data File : BM018702.D  
 Acq On : 30 Jan 2019 19:39  
 Operator : JU/SJ  
 Sample : K1268-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 012819-SIDI-E-U-M

Quant Time: Jan 31 06:37:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 22:01:30 2019  
 Response via : Initial Calibration

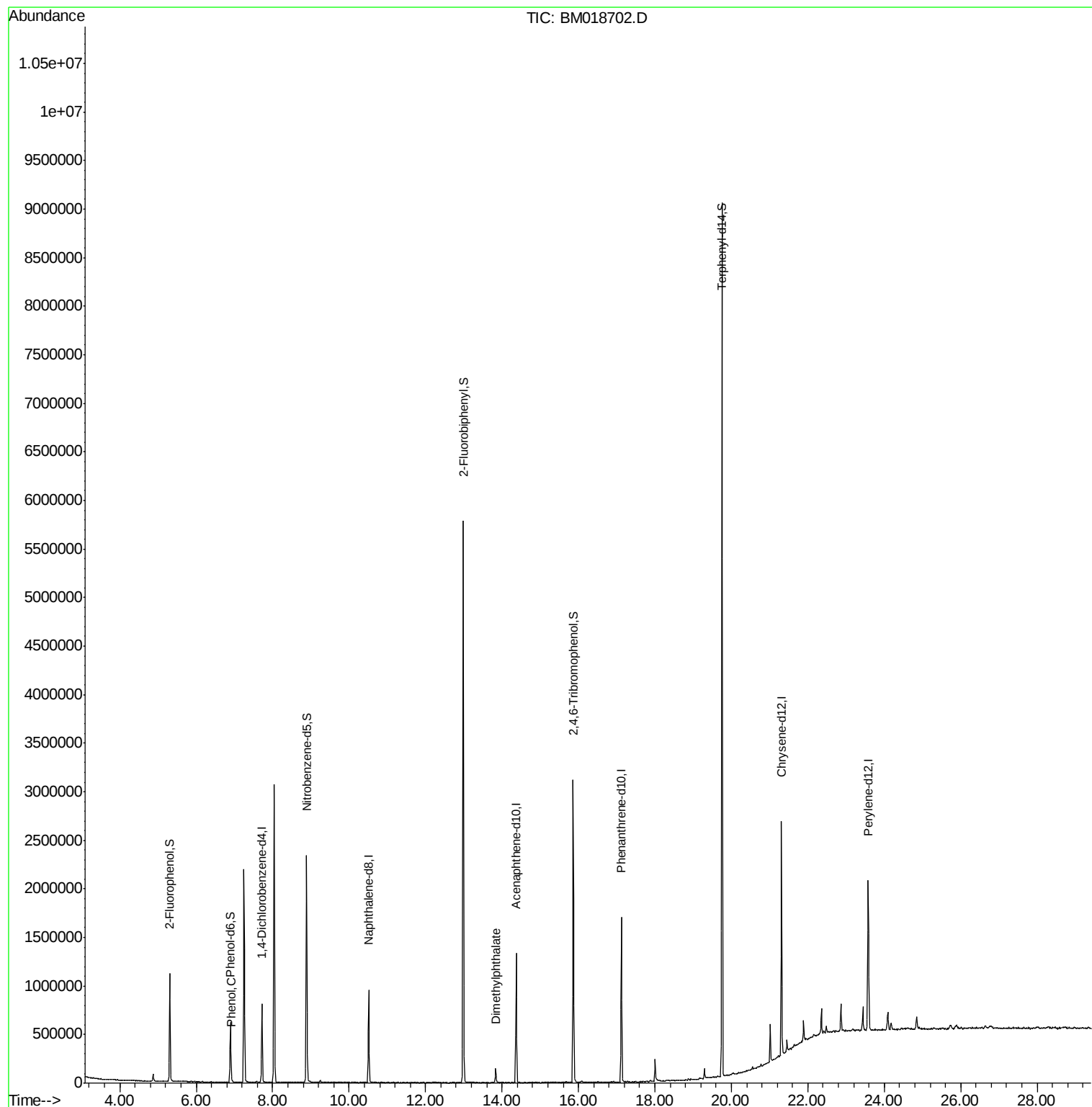
| Internal Standards          | R.T.  | QIon | Response | Conc      | Units | Dev(Min)   |
|-----------------------------|-------|------|----------|-----------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.72  | 152  | 221538   | 20.00     | ng    | -0.02      |
| 21) Naphthalene-d8          | 10.51 | 136  | 830536   | 20.00     | ng    | -0.02      |
| 39) Acenaphthene-d10        | 14.37 | 164  | 443643   | 20.00     | ng    | -0.02      |
| 64) Phenanthrene-d10        | 17.12 | 188  | 1007898  | 20.00     | ng    | -0.02      |
| 76) Chrysene-d12            | 21.32 | 240  | 1067364  | 20.00     | ng    | -0.02      |
| 87) Perylene-d12            | 23.58 | 264  | 1084115  | 20.00     | ng    | -0.02      |
| System Monitoring Compounds |       |      |          |           |       |            |
| 5) 2-Fluorophenol           | 5.31  | 112  | 454232   | 37.86     | ng    | -0.02      |
| 7) Phenol-d6                | 6.89  | 99   | 334429   | 21.95     | ng    | -0.02      |
| 23) Nitrobenzene-d5         | 8.89  | 82   | 1282371  | 89.51     | ng    | -0.02      |
| 42) 2,4,6-Tribromophenol    | 15.87 | 330  | 536451   | 94.97     | ng    | -0.02      |
| 45) 2-Fluorobiphenyl        | 12.99 | 172  | 3034500  | 89.25     | ng    | -0.02      |
| 79) Terphenyl-d14           | 19.76 | 244  | 3934687  | 77.71     | ng    | -0.01      |
| Target Compounds            |       |      |          |           |       |            |
| 9) Benzaldehyde             | 6.89  | 77   | 1661     | Below Cal |       | Qvalue # 1 |
| 10) Phenol                  | 6.92  | 94   | 31069    | 2.006     | ng    | 96         |
| 50) Dimethylphthalate       | 13.83 | 163  | 103401   | 2.838     | ng    | 98         |

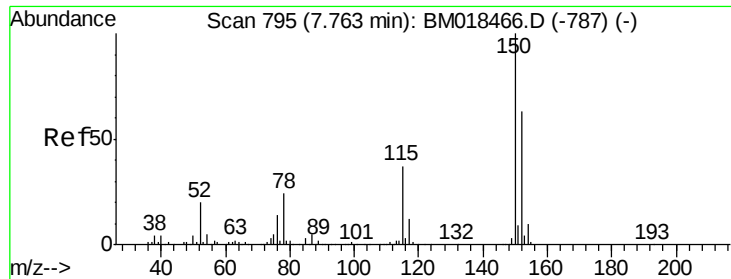
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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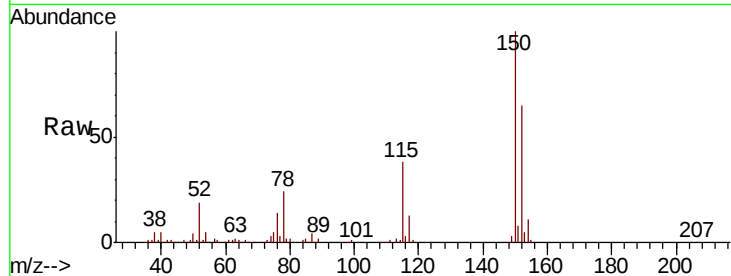


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.72 min Scan# 788  
Delta R.T. -0.02 min  
Lab File: BM018702.D  
Acq: 30 Jan 2019 19:39

Instrument :  
BNA\_M  
ClientSampleId :  
012819-SIDI-E-U-M

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.2 | 126.9 | 190.3 |
| 115     | 58.0  | 45.5  | 68.3  |

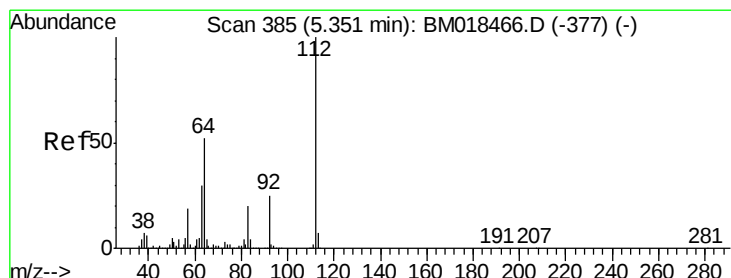
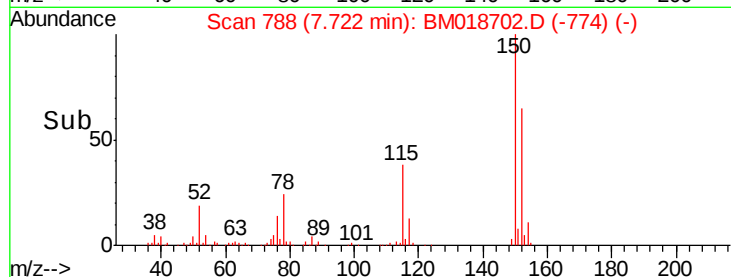
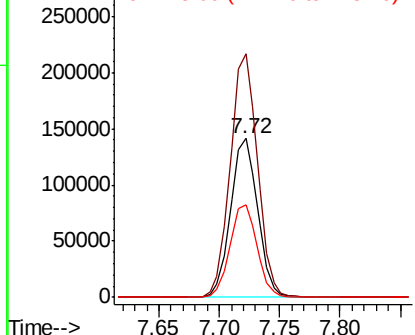


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

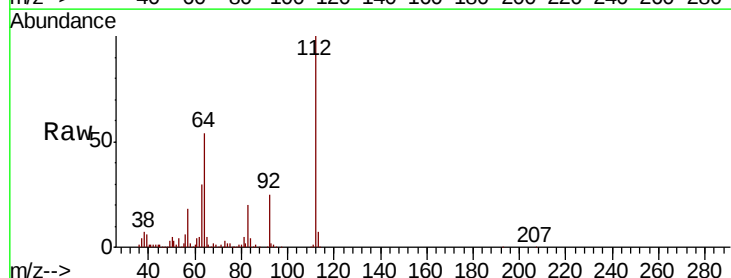
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 37.860 ng  
RT: 5.31 min Scan# 378  
Delta R.T. -0.02 min  
Lab File: BM018702.D  
Acq: 30 Jan 2019 19:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.3  | 46.5  | 69.7  |
| 63      | 30.0  | 25.2  | 37.8  |

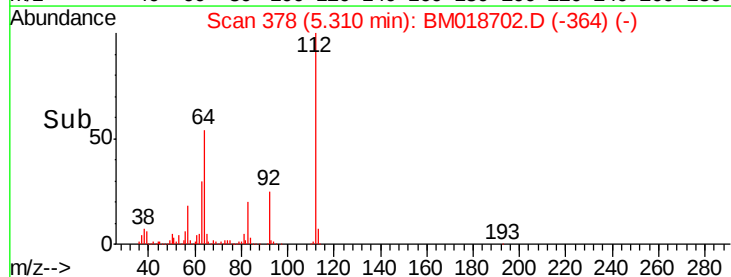
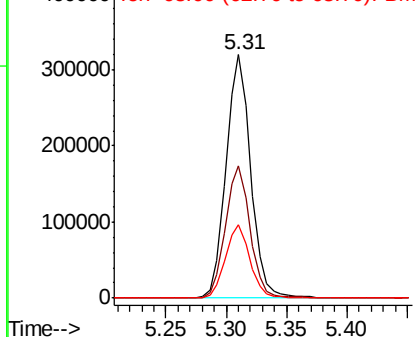


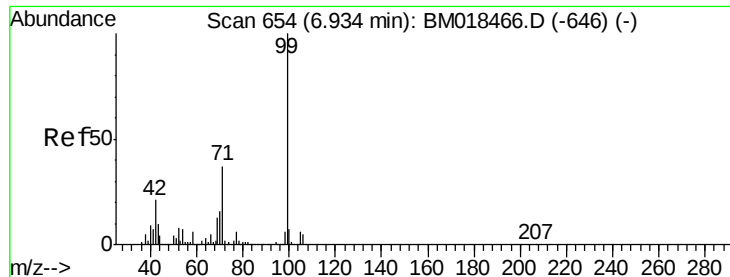
Abundance

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: 21.946 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018702.D

Acq: 30 Jan 2019 19:39

Instrument :

BNA\_M

ClientSampleId :

012819-SIDI-E-U-M

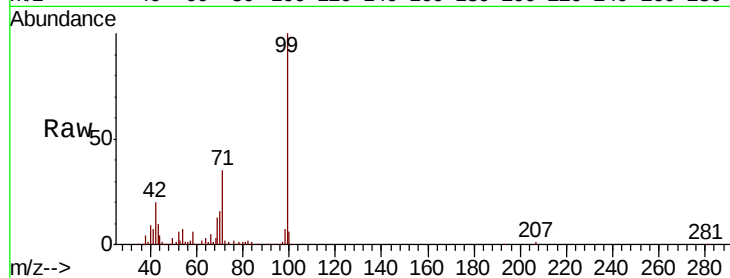
Tgt Ion: 99 Resp: 334429

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

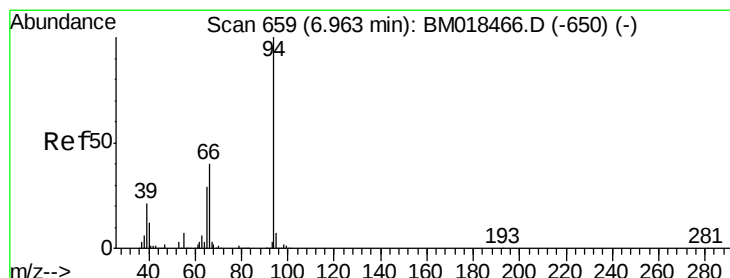
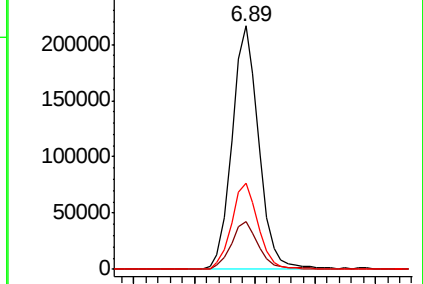
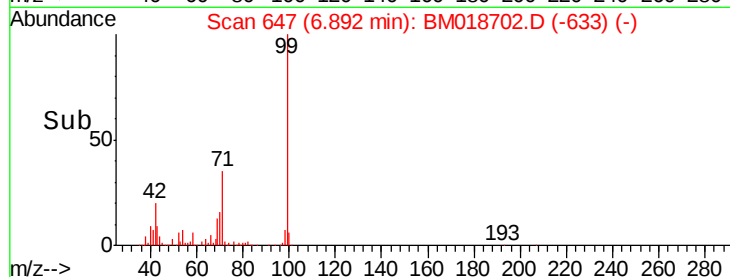
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018702.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018702.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018702.D (-633) (-)



#10

Phenol

Concen: 2.006 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018702.D

Acq: 30 Jan 2019 19:39

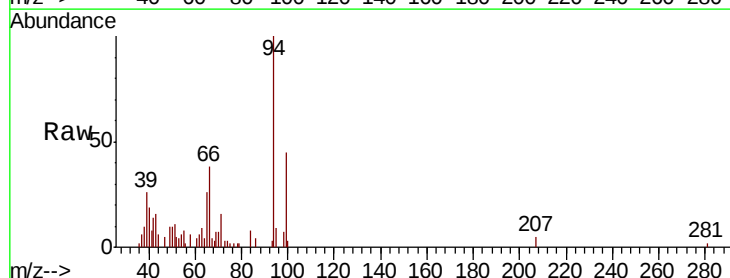
Tgt Ion: 94 Resp: 31069

Ion Ratio Lower Upper

94 100

65 25.6 9.4 49.4

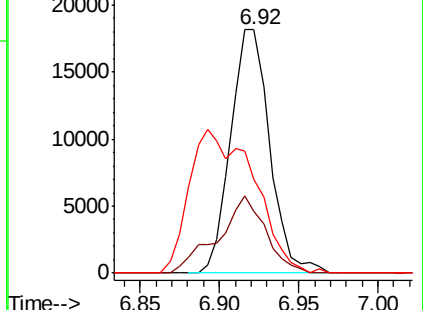
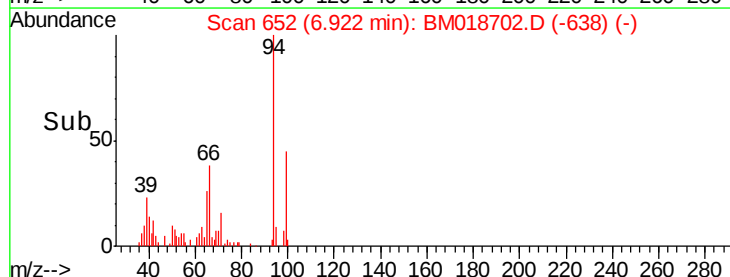
66 38.3 19.1 59.1

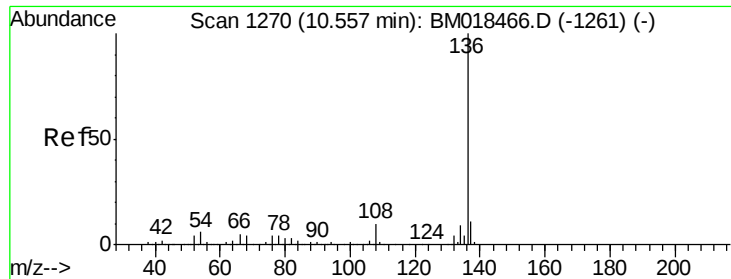


Abundance Ion 94.00 (93.70 to 94.70): BM018702.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018702.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018702.D (-638) (-)

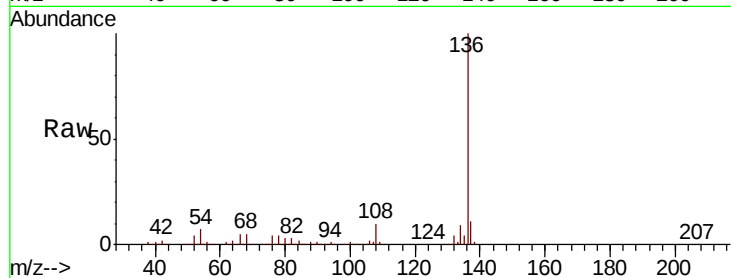




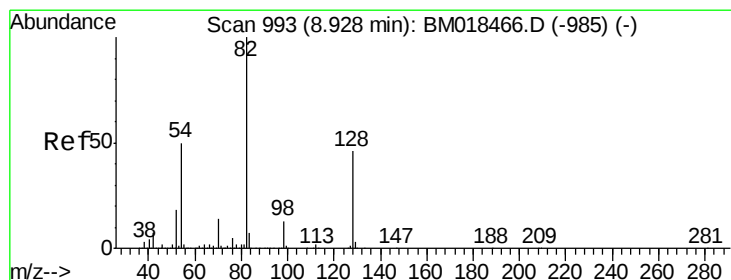
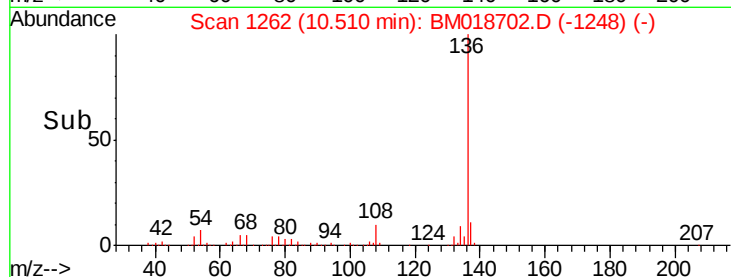
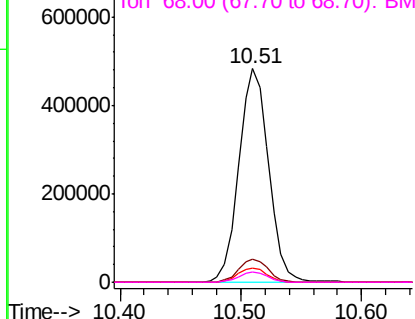
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.51 min Scan# 1262  
Delta R.T. -0.02 min  
Lab File: BM018702.D  
Acq: 30 Jan 2019 19:39

Instrument :  
BNA\_M  
ClientSampleId :  
012819-SIDI-E-U-M

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 830536 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.5   | 12.7   |
| 54       | 6.6   | 6.0   | 9.0    |
| 68       | 4.8   | 4.5   | 6.7    |

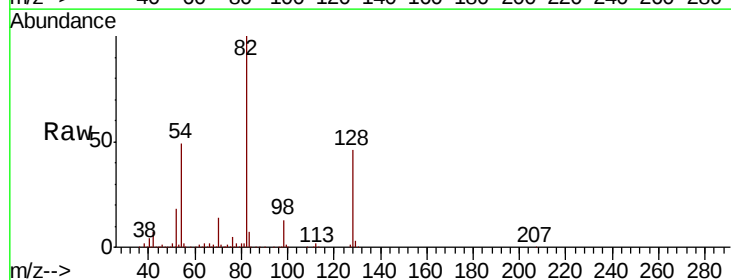


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

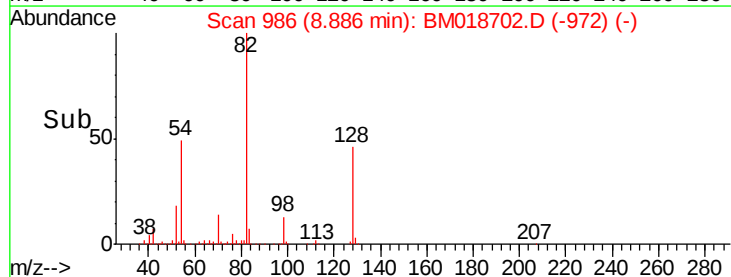
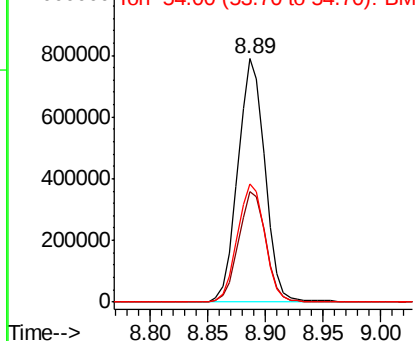


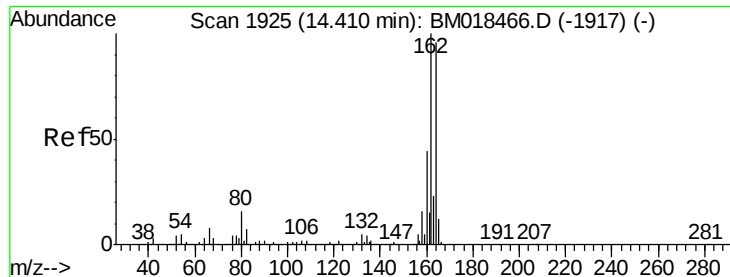
#23  
Nitrobenzene-d5  
Concen: 89.509 ng  
RT: 8.89 min Scan# 986  
Delta R.T. -0.02 min  
Lab File: BM018702.D  
Acq: 30 Jan 2019 19:39

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1282371 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 45.6  | 36.3  | 54.5    |
| 54       | 48.8  | 41.7  | 62.5    |



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: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018702.D

Acq: 30 Jan 2019 19:39

Instrument :

BNA\_M

ClientSampleId :

012819-SIDI-E-U-M

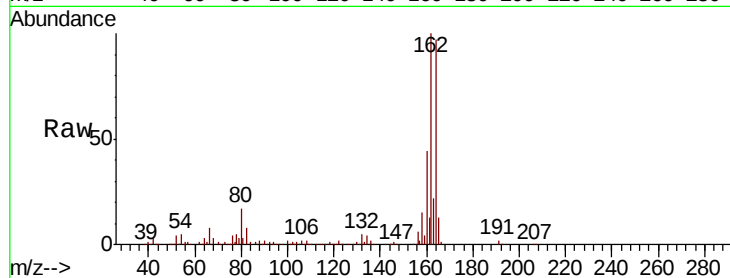
Tgt Ion:164 Resp: 443643

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.4

160 45.3 37.1 55.7

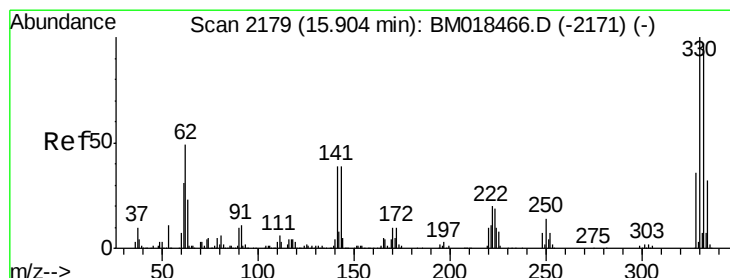
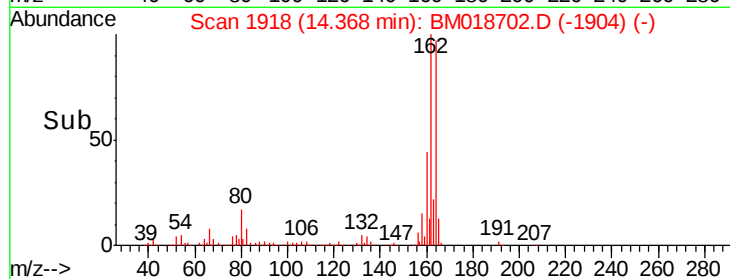
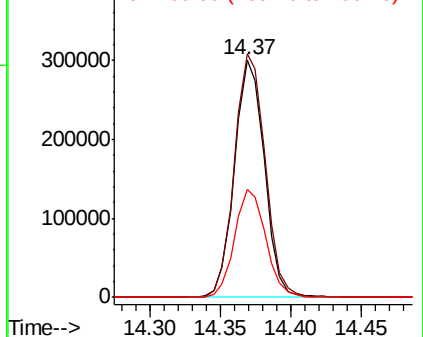


Abundance

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: 94.967 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018702.D

Acq: 30 Jan 2019 19:39

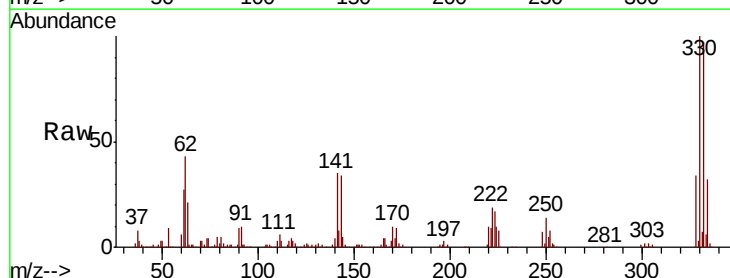
Tgt Ion:330 Resp: 536451

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 38.5 31.7 47.5

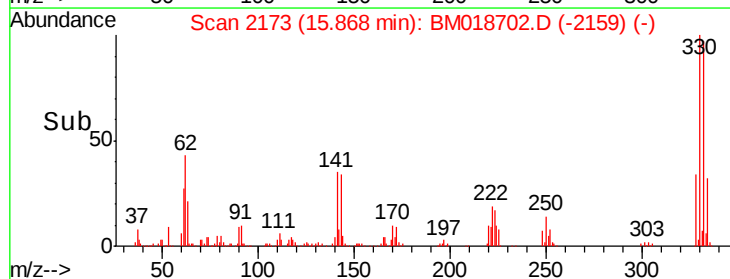
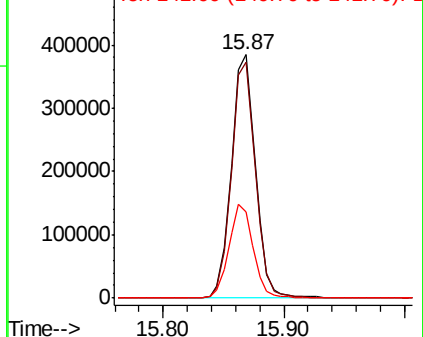


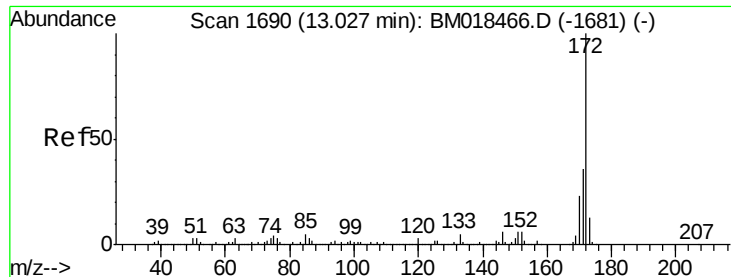
Abundance

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

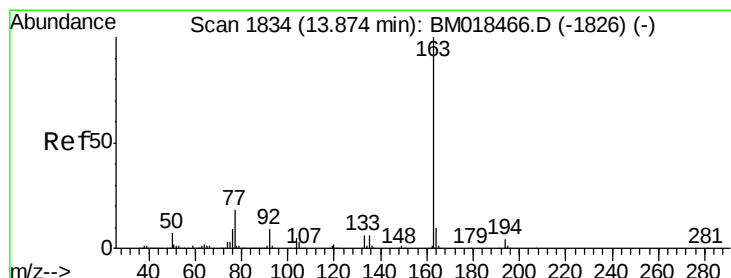
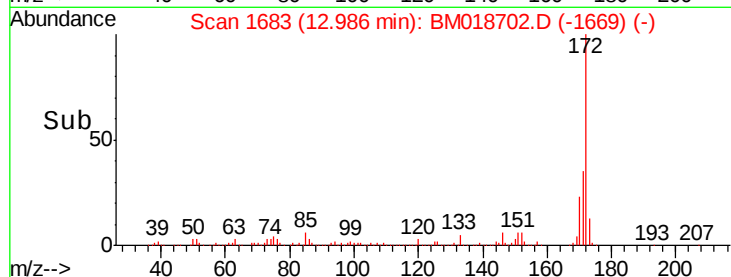
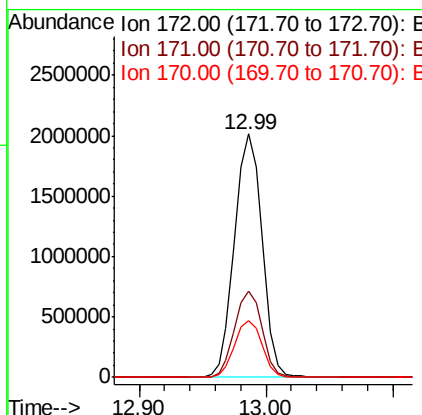
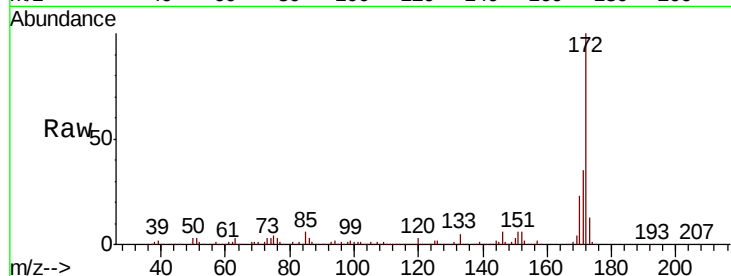




#45  
 2-Fluorobiphenyl  
 Concen: 89.252 ng  
 RT: 12.99 min Scan# 1683  
 Delta R.T. -0.02 min  
 Lab File: BM018702.D  
 Acq: 30 Jan 2019 19:39

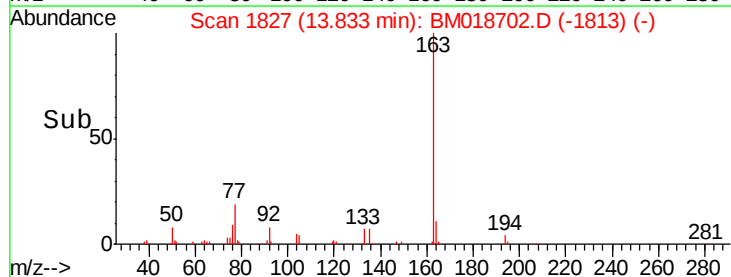
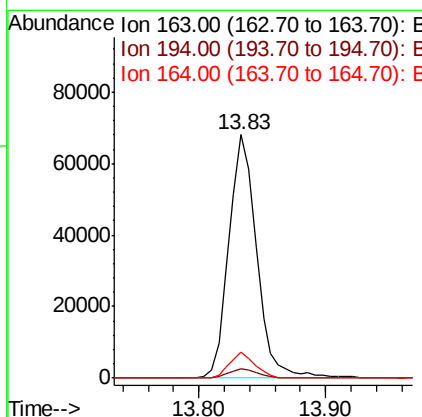
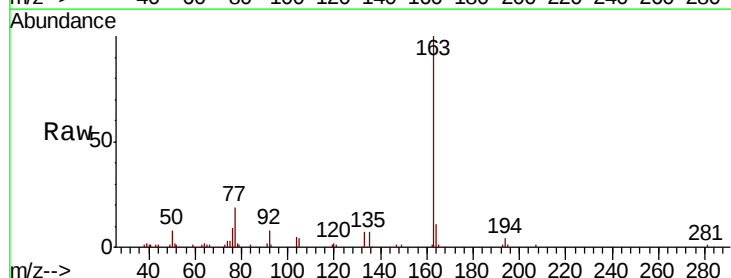
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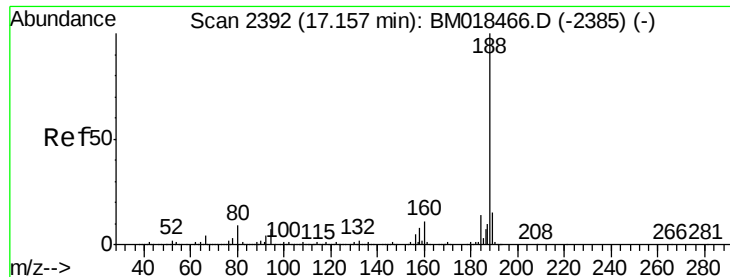
Tgt Ion:172 Resp: 3034500  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.2 42.4  
 170 23.4 18.9 28.3



#50  
 Dimethylphthalate  
 Concen: 2.838 ng  
 RT: 13.83 min Scan# 1827  
 Delta R.T. -0.02 min  
 Lab File: BM018702.D  
 Acq: 30 Jan 2019 19:39

Tgt Ion:163 Resp: 103401  
 Ion Ratio Lower Upper  
 163 100  
 194 3.9 3.0 4.6  
 164 10.6 7.8 11.8

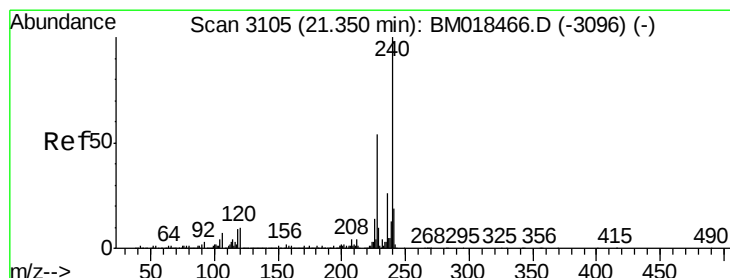
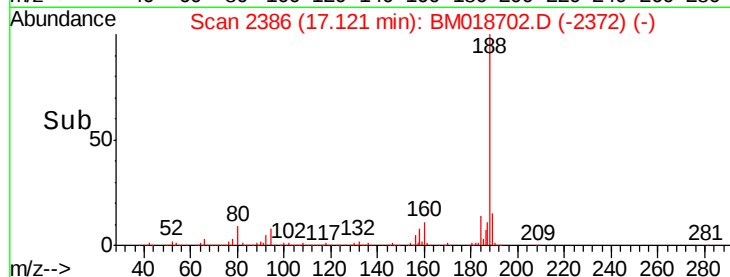
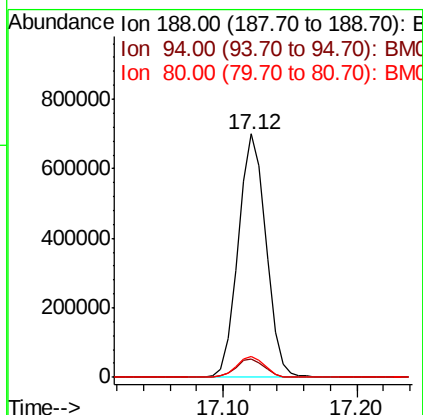
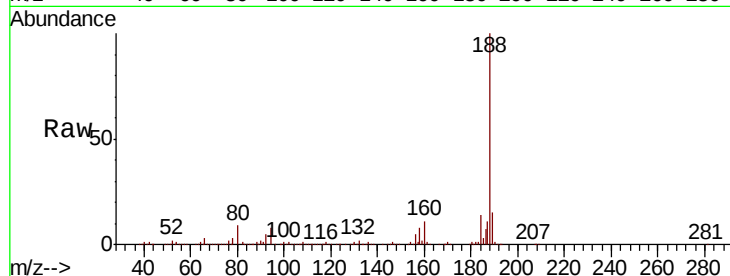




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.12 min Scan# 2386  
Delta R.T. -0.02 min  
Lab File: BM018702.D  
Acq: 30 Jan 2019 19:39

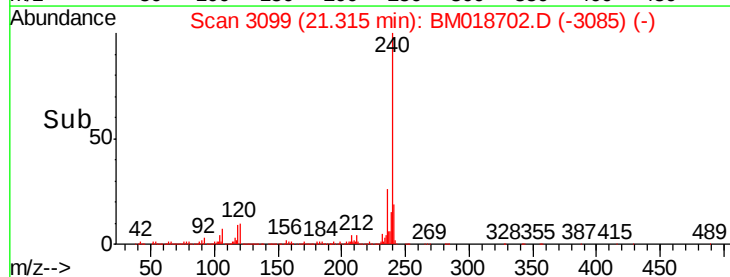
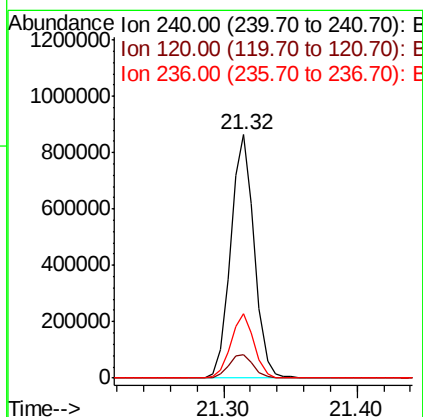
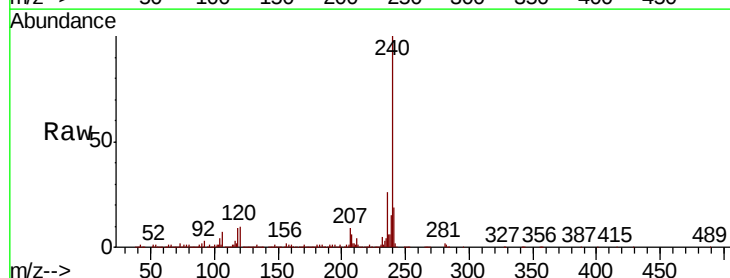
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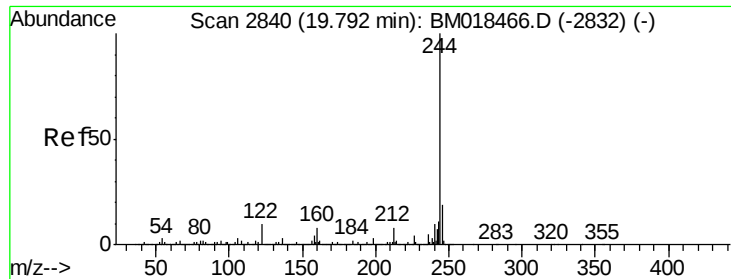
Tgt Ion:188 Resp: 1007898  
Ion Ratio Lower Upper  
188 100  
94 7.7 7.1 10.7  
80 8.5 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.32 min Scan# 3099  
Delta R.T. -0.02 min  
Lab File: BM018702.D  
Acq: 30 Jan 2019 19:39

Tgt Ion:240 Resp: 1067364  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.4 12.6  
236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 77.710 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018702.D

Acq: 30 Jan 2019 19:39

Instrument :

BNA\_M

ClientSampleId :

012819-SIDI-E-U-M

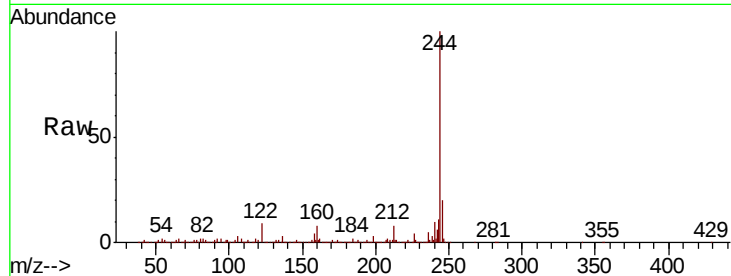
Tgt Ion:244 Resp: 3934687

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

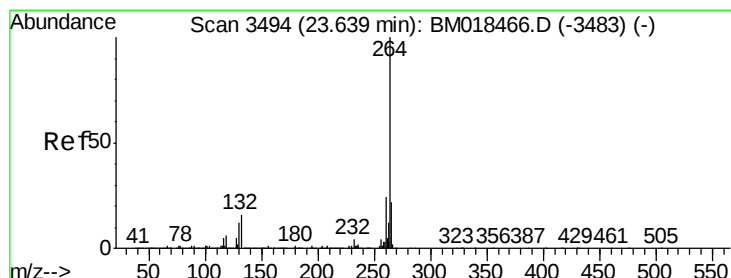
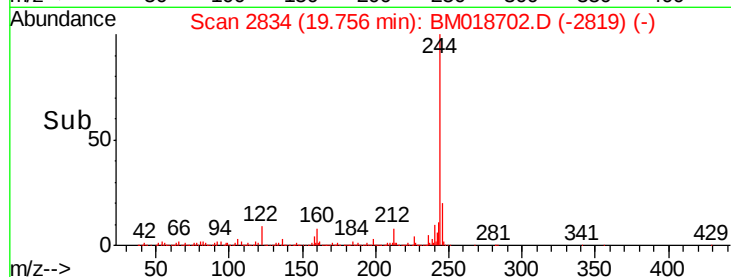
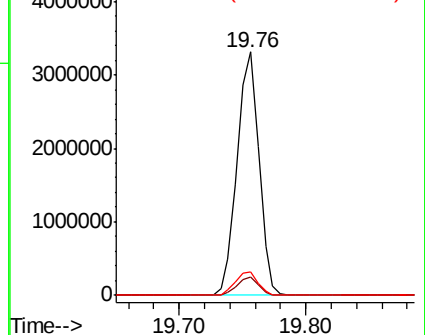
122 9.4 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.58 min Scan# 3484

Delta R.T. -0.02 min

Lab File: BM018702.D

Acq: 30 Jan 2019 19:39

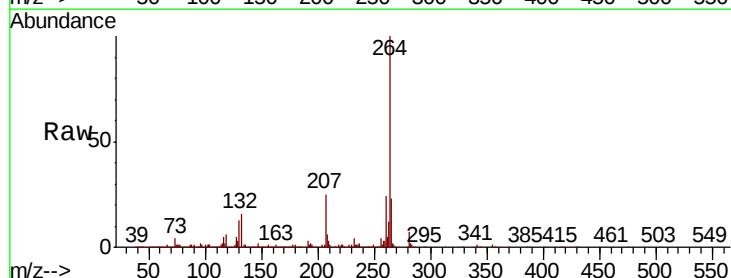
Tgt Ion:264 Resp: 1084115

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.9 16.8 25.2



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

