

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\  
 Data File : BM020657.D  
 Acq On : 01 Jun 2019 19:09  
 Operator : HP/JU  
 Sample : K3084-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TEST-PIT-10

Quant Time: Jun 03 03:15:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 31 15:48:49 2019  
 Response via : Initial Calibration

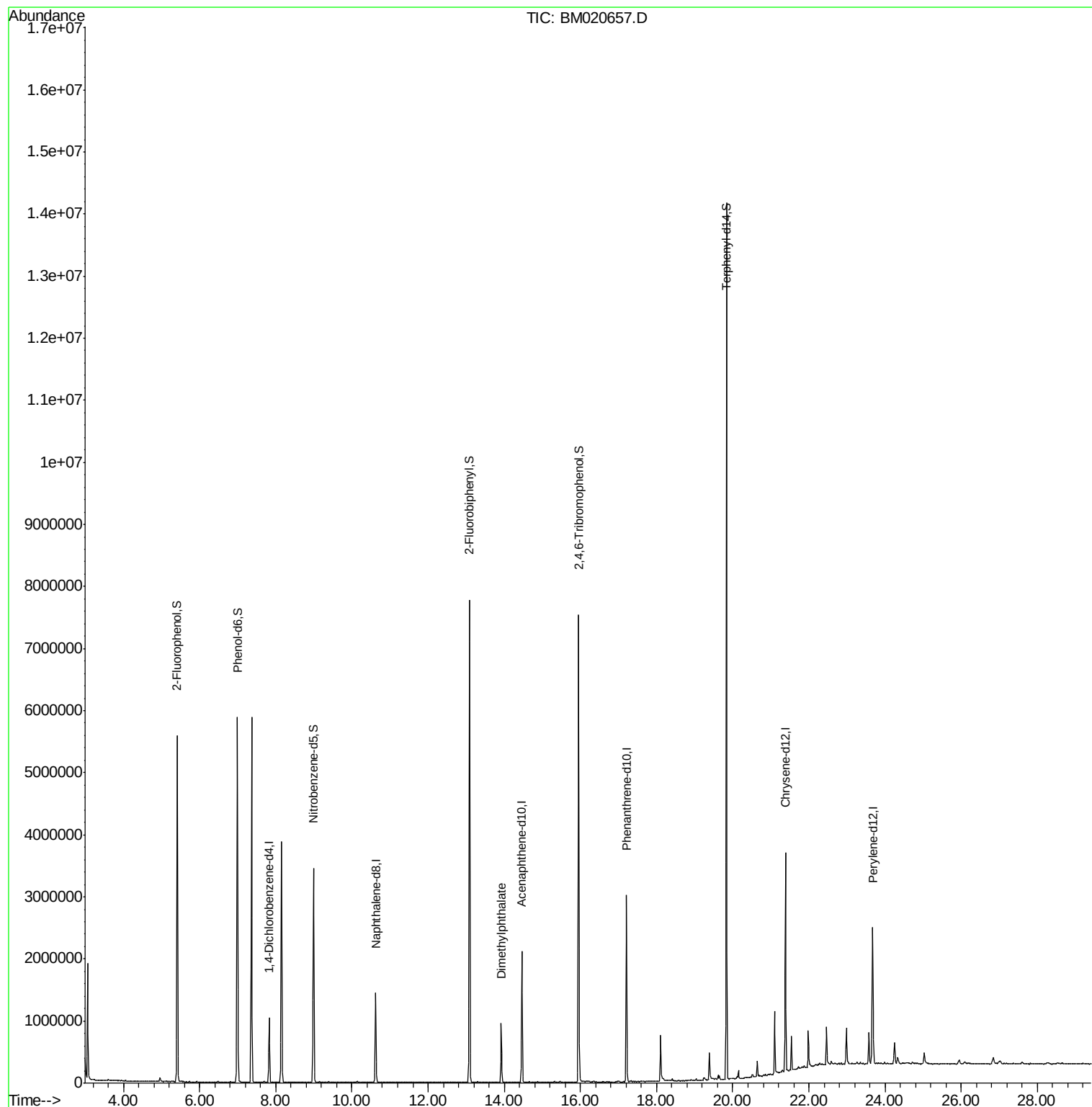
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.83  | 152  | 263620   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.62 | 136  | 1116697  | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.46 | 164  | 666314   | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 17.21 | 188  | 1594141  | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.39 | 240  | 1445108  | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 23.67 | 264  | 1495415  | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.41  | 112  | 2228592  | 148.71 | ng    | 0.00         |
| 7) Phenol-d6                | 6.99  | 99   | 3206439  | 145.31 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.99  | 82   | 1974969  | 91.63  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 15.96 | 330  | 1337535  | 162.02 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.09 | 172  | 3822086  | 76.26  | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.84 | 244  | 6552906  | 75.85  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 13.92 | 163  | 568076   | 9.979  | ng    | Qvalue<br>99 |

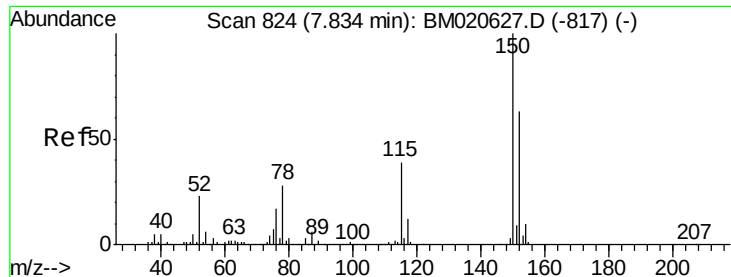
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\  
Data File : BM020657.D  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TEST-PIT-10

Quant Time: Jun 03 03:15:59 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 31 15:48:49 2019  
Response via : Initial Calibration



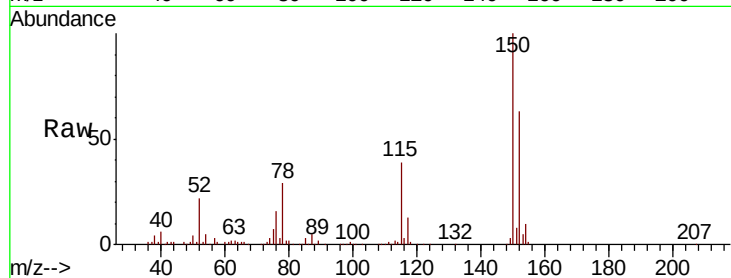


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.83 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BM020657.D  
Acq: 01 Jun 2019 19:09

Instrument :  
BNA\_M  
ClientSampleId :  
TEST-PIT-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.8 | 126.0 | 189.0 |
| 115     | 61.6  | 49.6  | 74.4  |

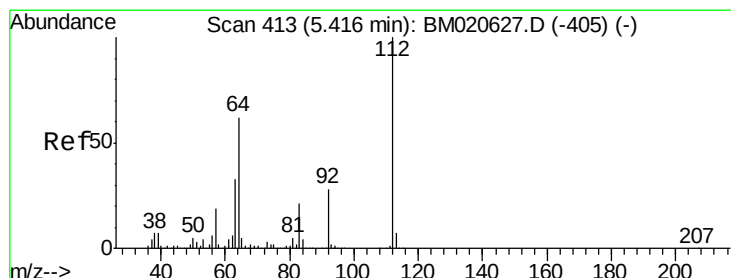
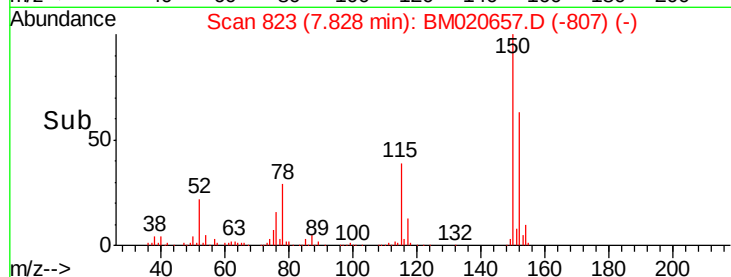
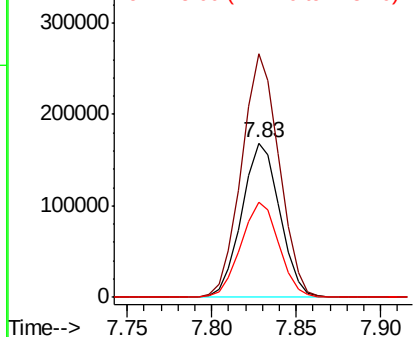


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

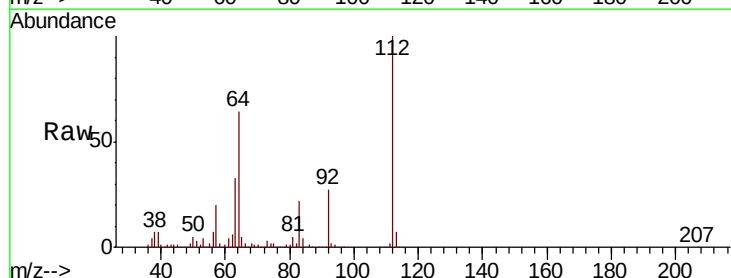
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 148.708 ng  
RT: 5.41 min Scan# 412  
Delta R.T. -0.01 min  
Lab File: BM020657.D  
Acq: 01 Jun 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.2  | 49.7  | 74.5  |
| 63      | 33.3  | 26.4  | 39.6  |

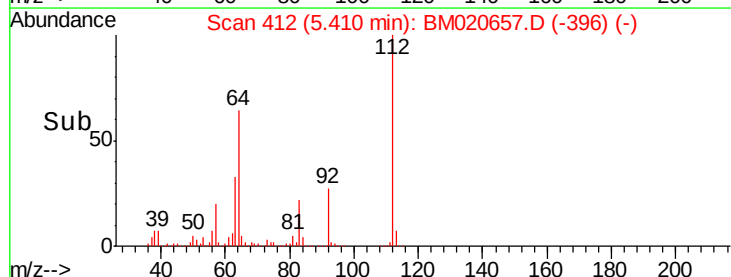
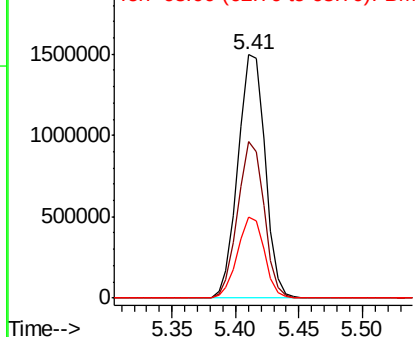


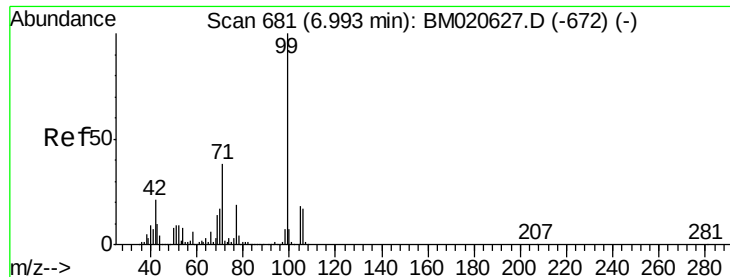
Abundance

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: 145.306 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020657.D

Acq: 01 Jun 2019 19:09

Instrument :

BNA\_M

ClientSampleId :

TEST-PIT-10

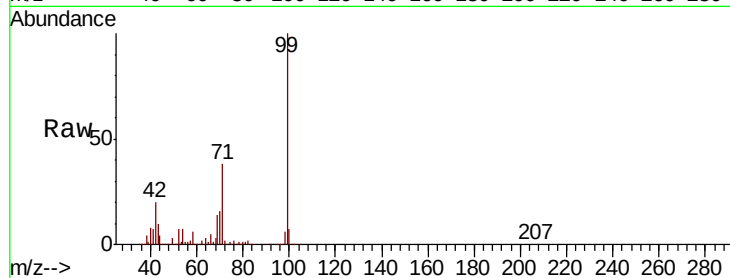
Tot Ion: 99 Resp: 3206439

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

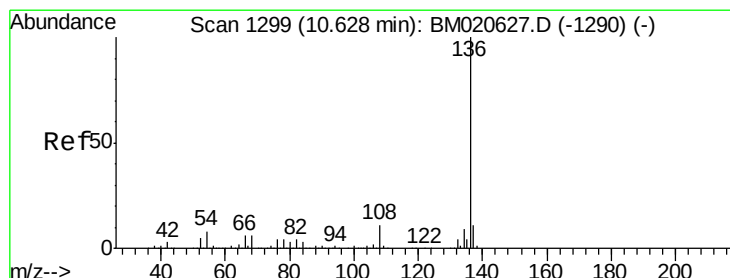
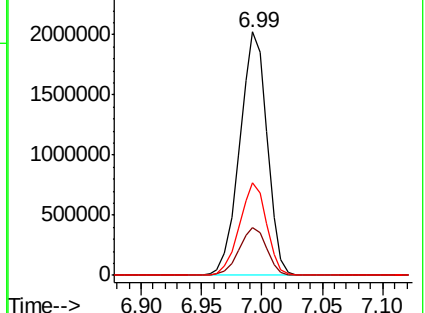
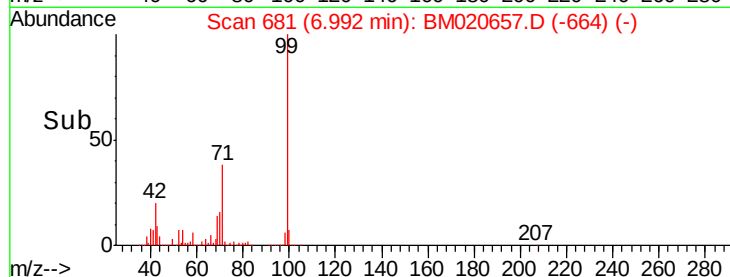
71 38.0 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020657.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020657.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020657.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020657.D

Acq: 01 Jun 2019 19:09

Tgt Ion: 136 Resp: 1116697

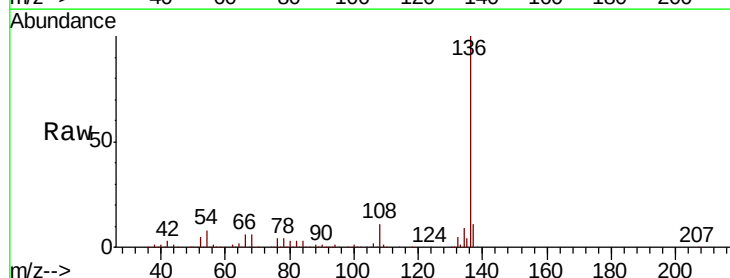
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.9 6.6 10.0

68 6.2 5.1 7.7

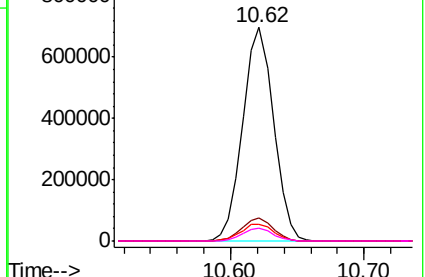
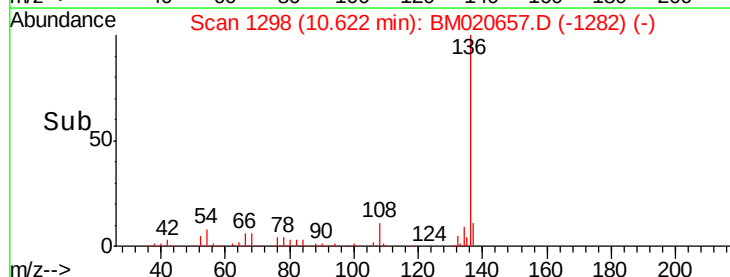


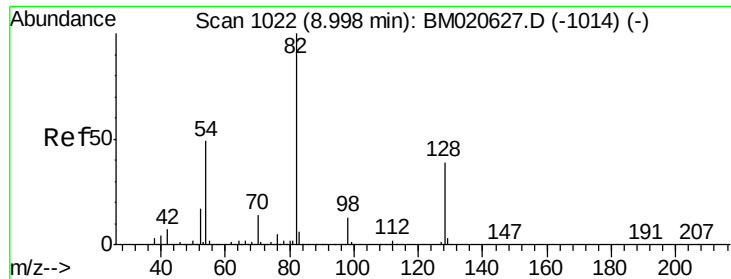
Abundance Ion 136.00 (135.70 to 136.70): BM020657.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020657.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020657.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020657.D (-1282) (-)



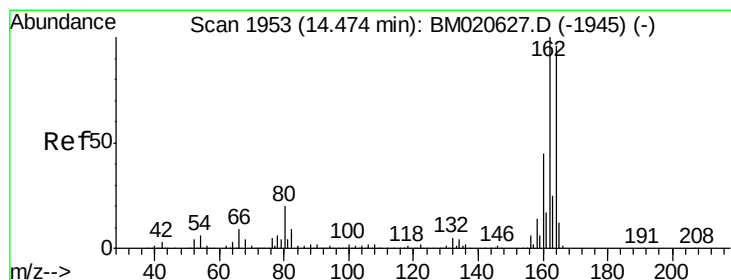
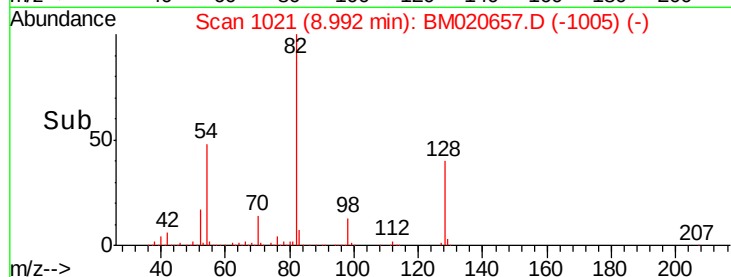
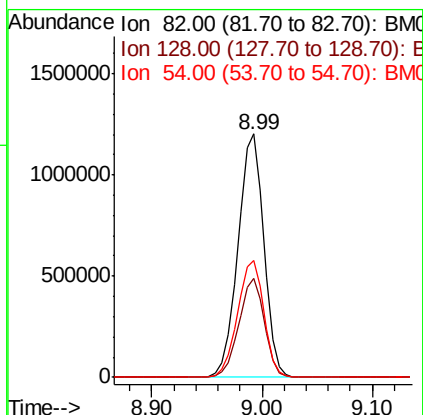
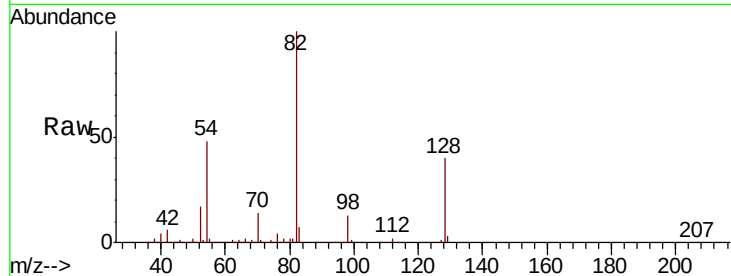


#23  
 Nitrobenzene-d5  
 Concen: 91.633 ng  
 RT: 8.99 min Scan# 1021  
 Delta R.T. -0.01 min  
 Lab File: BM020657.D  
 Acq: 01 Jun 2019 19:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TEST-PIT-10

Tot Ion: 82 Resp: 1974969  

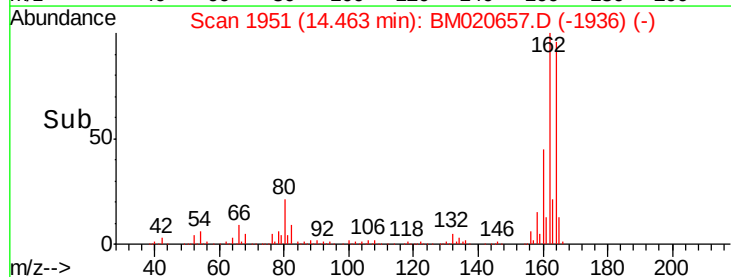
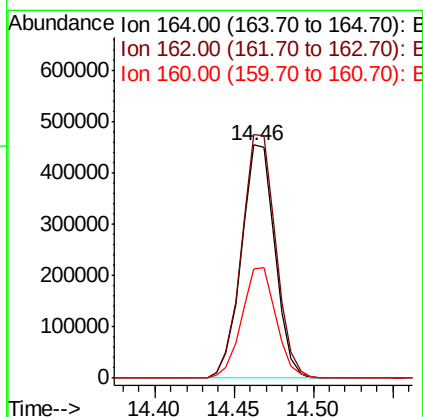
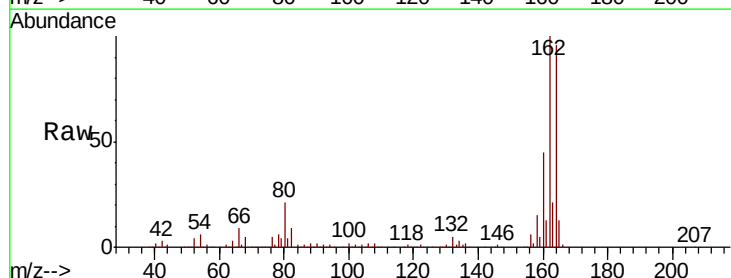
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.4  | 31.5  | 47.3  |
| 54  | 48.1  | 39.4  | 59.0  |

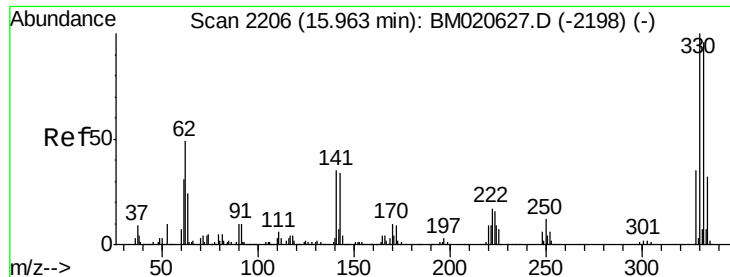


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.46 min Scan# 1951  
 Delta R.T. -0.01 min  
 Lab File: BM020657.D  
 Acq: 01 Jun 2019 19:09

Tgt Ion: 164 Resp: 666314  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.6 | 83.2  | 124.8 |
| 160 | 46.9  | 37.5  | 56.3  |

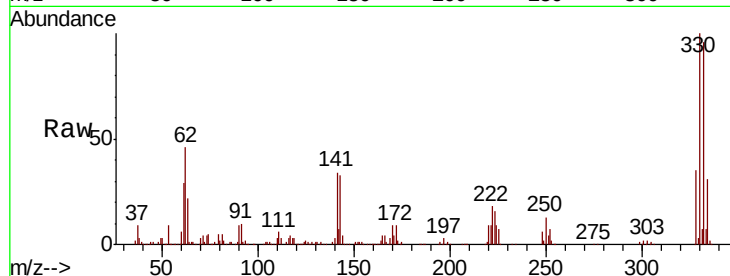




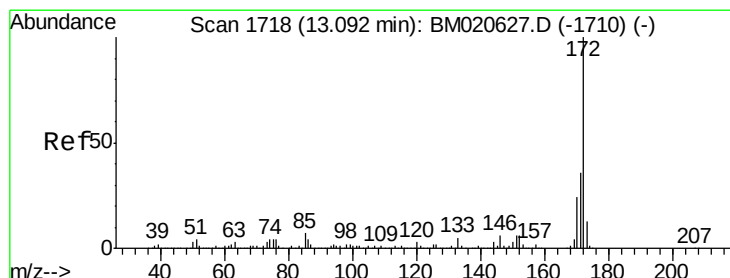
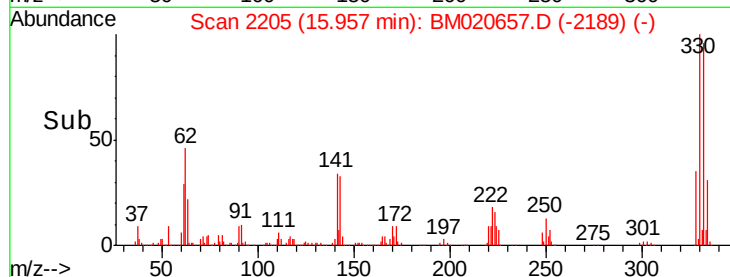
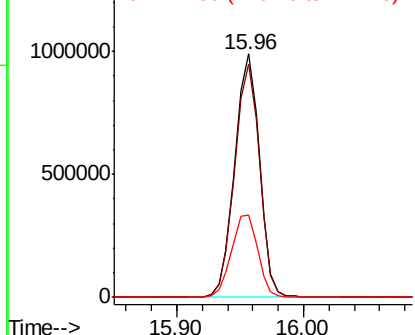
#42  
 2,4,6-Tribromophenol  
 Concen: 162.016 ng  
 RT: 15.96 min Scan# 2205  
 Delta R.T. -0.01 min  
 Lab File: BM020657.D  
 Acq: 01 Jun 2019 19:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TEST-PIT-10

Tot Ion:330 Resp: 1337535  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.4 116.0  
 141 36.2 30.4 45.6

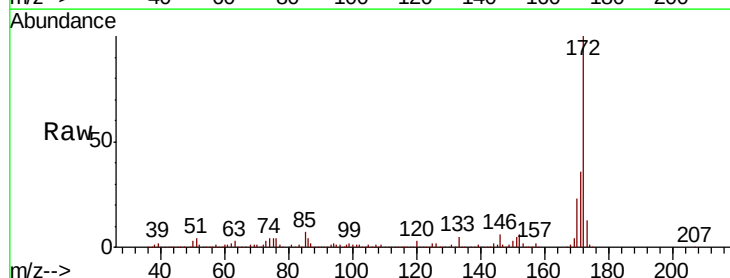


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

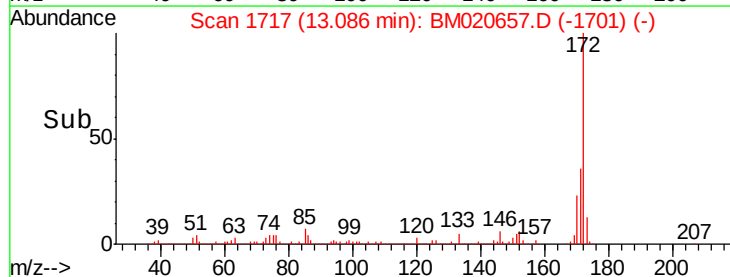
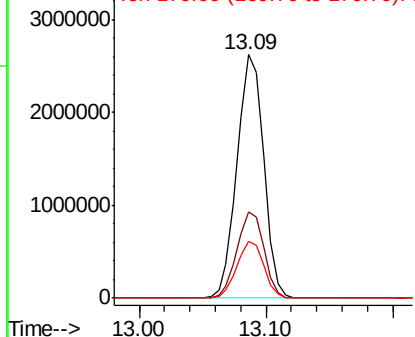


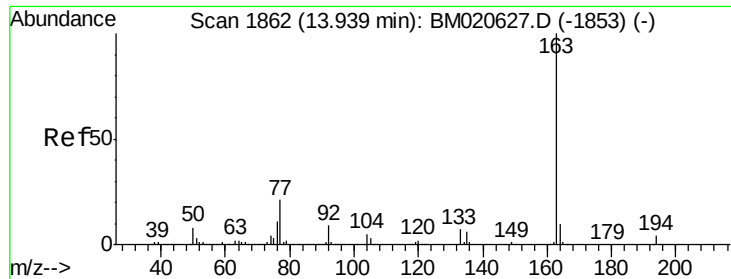
#45  
 2-Fluorobiphenyl  
 Concen: 76.259 ng  
 RT: 13.09 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BM020657.D  
 Acq: 01 Jun 2019 19:09

Tgt Ion:172 Resp: 3822086  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 28.6 43.0  
 170 23.2 18.9 28.3



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





#50

Dimethylphthalate

Concen: 9.979 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020657.D

Acq: 01 Jun 2019 19:09

Instrument :

BNA\_M

ClientSampled :

TEST-PIT-10

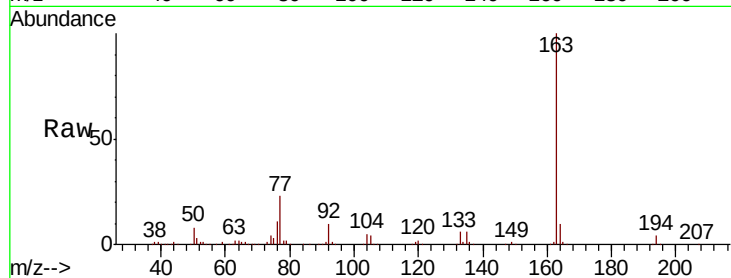
Tot Ion:163 Resp: 568076

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

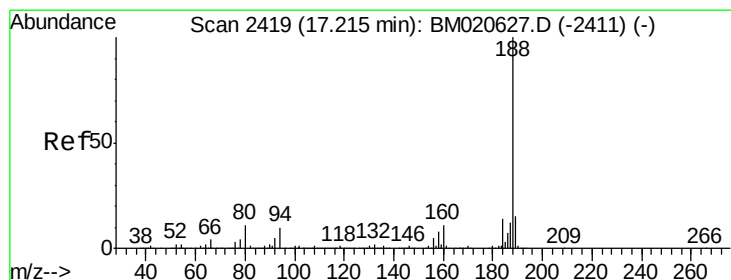
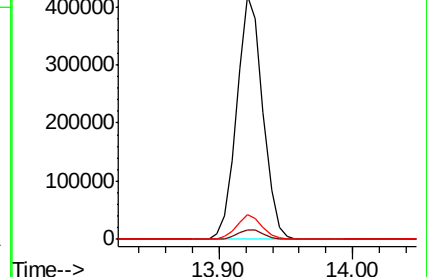
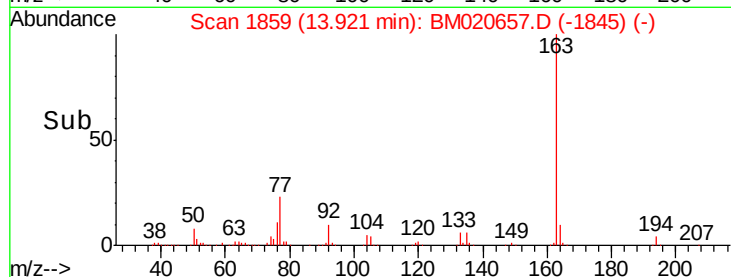
164 10.2 7.9 11.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020657.D

Acq: 01 Jun 2019 19:09

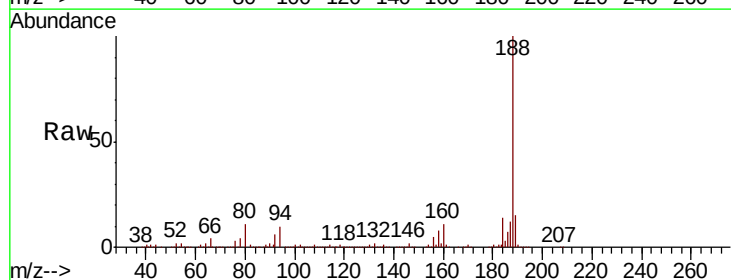
Tgt Ion:188 Resp: 1594141

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.8

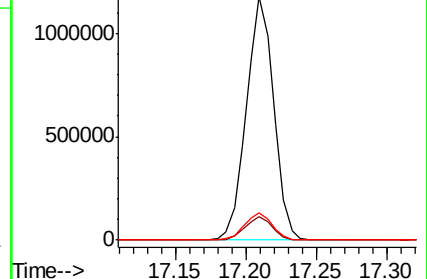
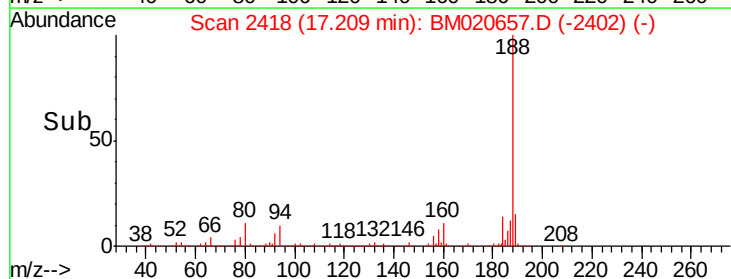
80 11.3 9.0 13.6

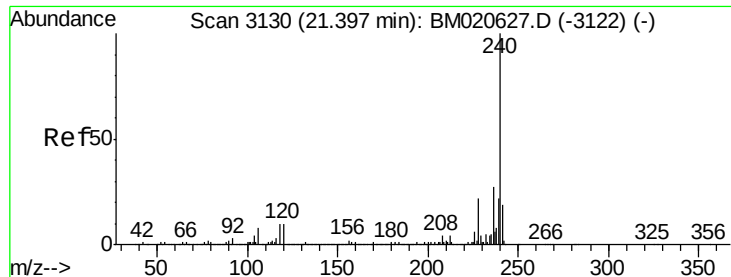


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

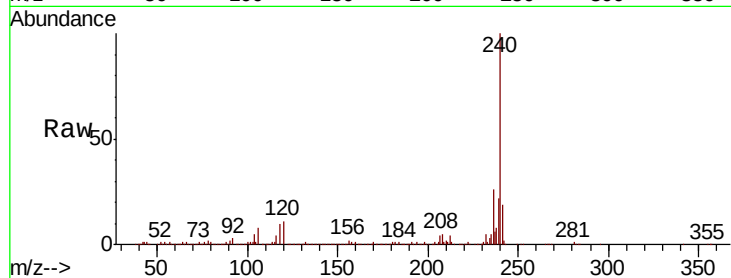




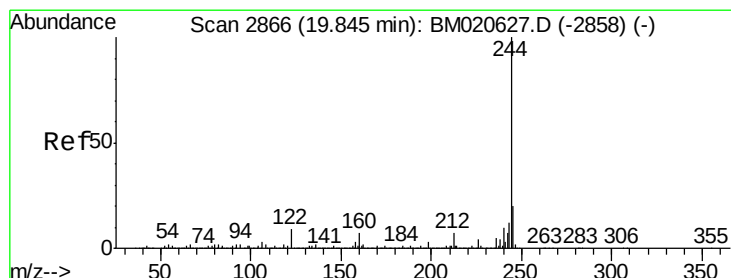
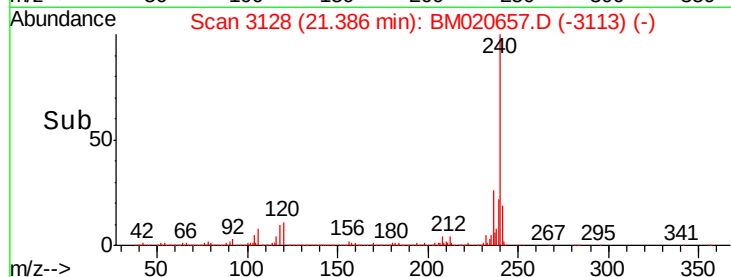
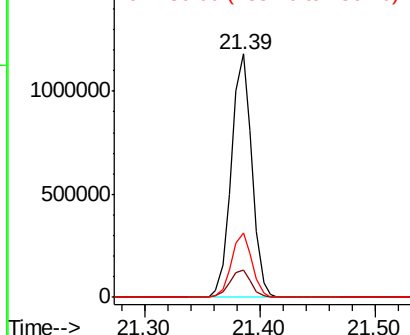
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.39 min Scan# 3128  
 Delta R.T. -0.01 min  
 Lab File: BM020657.D  
 Acq: 01 Jun 2019 19:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TEST-PIT-10

Tot Ion:240 Resp: 1445108  
 Ion Ratio Lower Upper  
 240 100  
 120 11.0 8.2 12.2  
 236 26.5 21.2 31.8

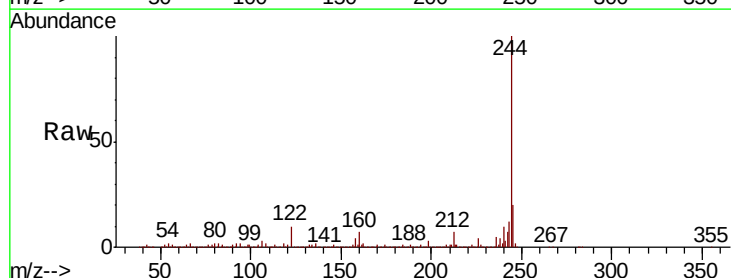


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

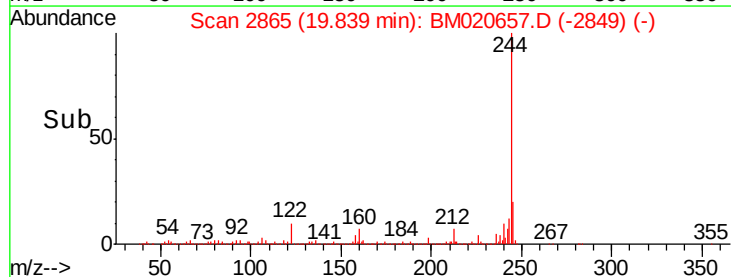
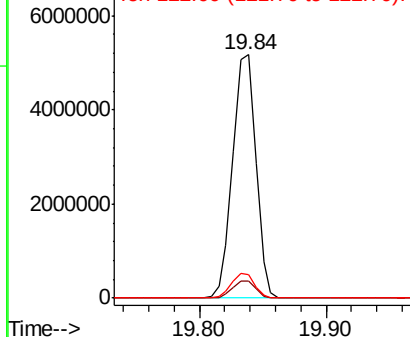


#79  
 Terphenyl-d14  
 Concen: 75.847 ng  
 RT: 19.84 min Scan# 2865  
 Delta R.T. -0.01 min  
 Lab File: BM020657.D  
 Acq: 01 Jun 2019 19:09

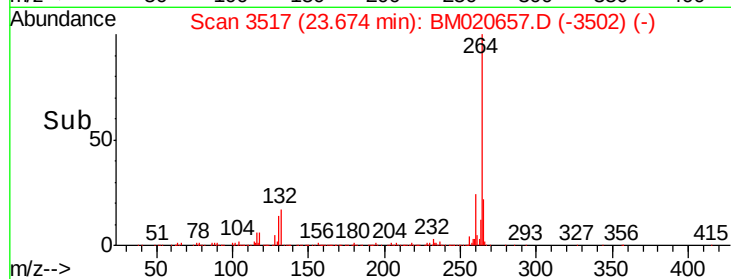
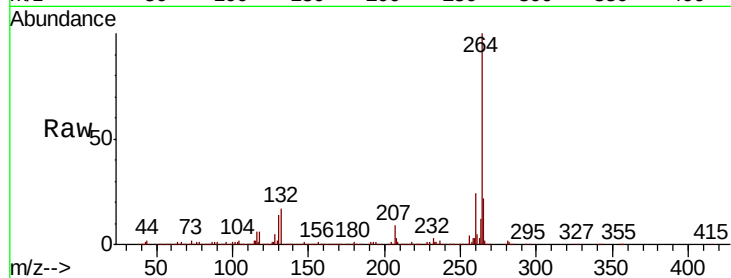
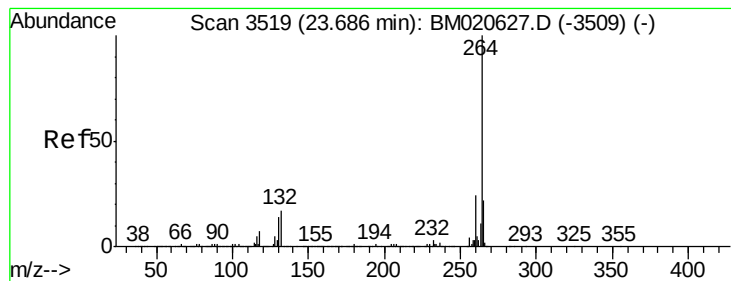
Tgt Ion:244 Resp: 6552906  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 9.5 7.2 10.8



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

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020657.D

Acq: 01 Jun 2019 19:09

Instrument :

BNA\_M

ClientSampleId :

TEST-PIT-10

Tot Ion: 264 Resp: 1495415

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 17.6 26.4

