

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\  
 Data File : BM026421.D  
 Acq On : 16 Jun 2020 20:30  
 Operator : JU/CG  
 Sample : L2819-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BU-02-061020

Quant Time: Jun 17 01:41:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 16 10:23:36 2020  
 Response via : Initial Calibration

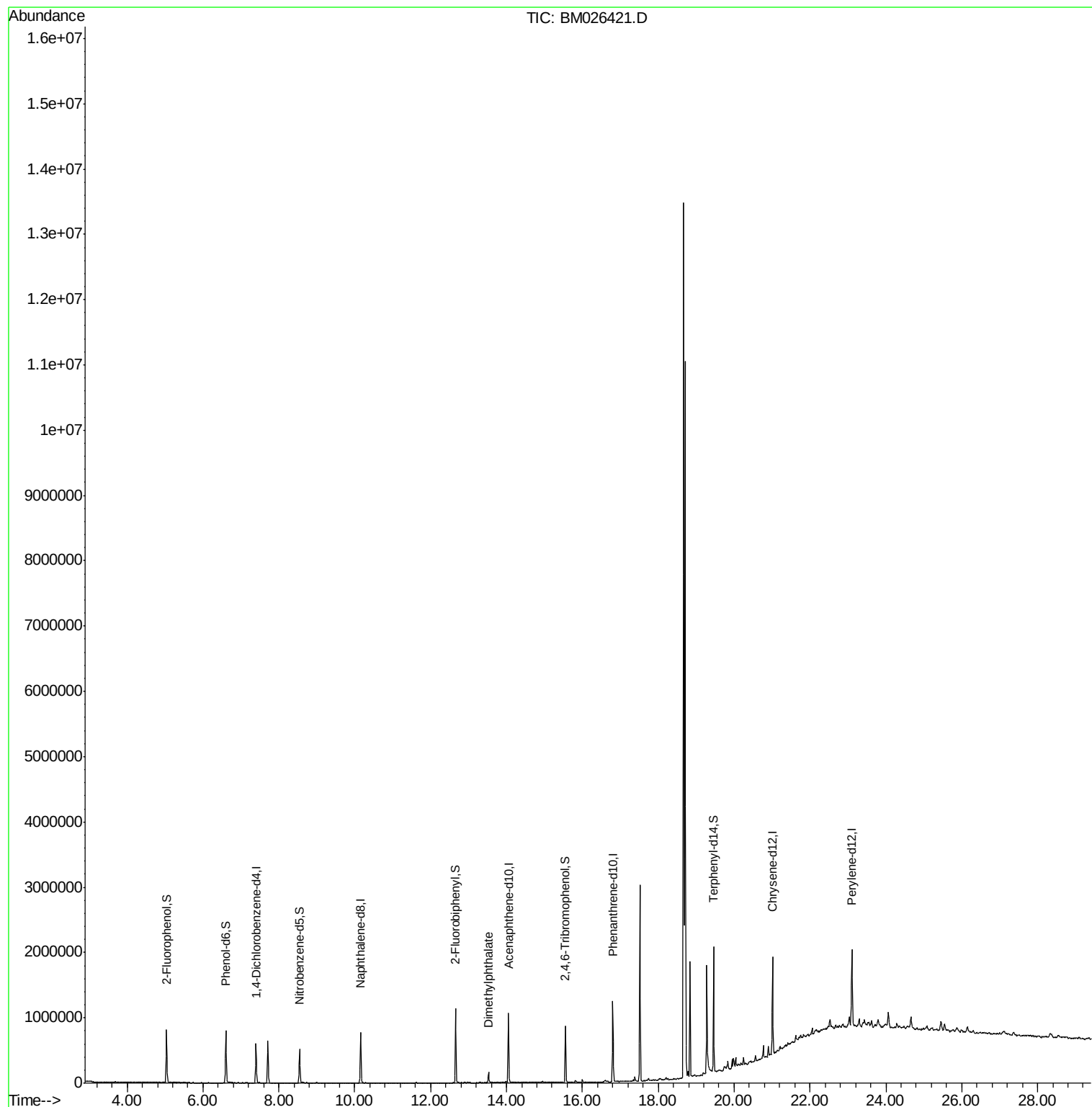
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.40  | 152  | 142095   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.16 | 136  | 560610   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.05 | 164  | 326085   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 16.80 | 188  | 657086   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.02 | 240  | 659284   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 23.10 | 264  | 714786   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.04  | 112  | 300319   | 37.37 | ng    | 0.00      |
| 7) Phenol-d6                | 6.60  | 99   | 413627   | 35.54 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.55  | 82   | 283299   | 24.81 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.56 | 330  | 139719   | 35.37 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.66 | 172  | 567727   | 26.43 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.46 | 244  | 835440   | 24.60 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 13.53 | 163  | 94687    | 3.970 | ng    | Qvalue 99 |

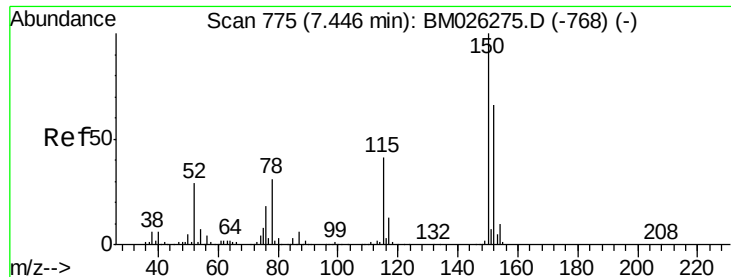
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\  
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Sample : L2819-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BU-02-061020

Quant Time: Jun 17 01:41:32 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 16 10:23:36 2020  
Response via : Initial Calibration



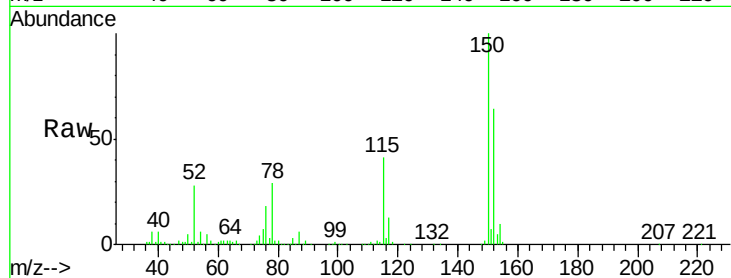


#1

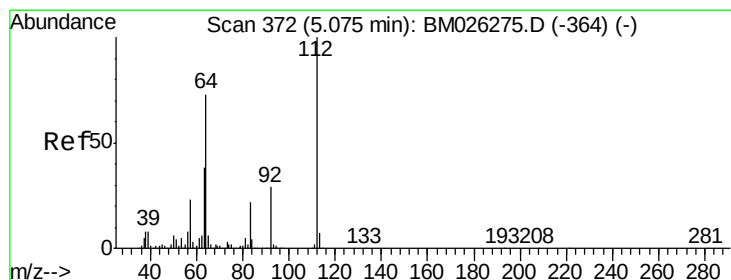
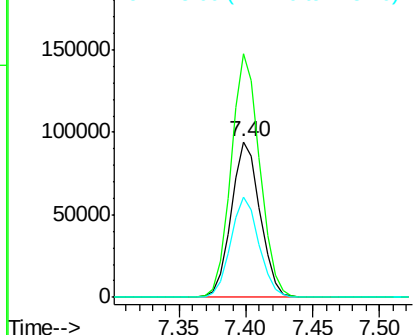
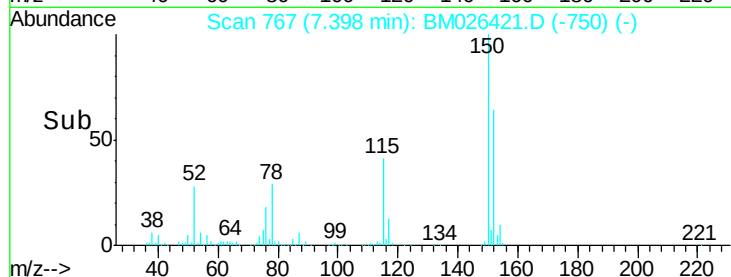
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.40 min Scan# 767  
Delta R.T. -0.00 min  
Lab File: BM026421.D  
Acq: 16 Jun 2020 20:30

Instrument :  
BNA\_M  
ClientSampleId :  
BU-02-061020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 127.8 | 191.6 |
| 115     | 64.3  | 51.5  | 77.3  |



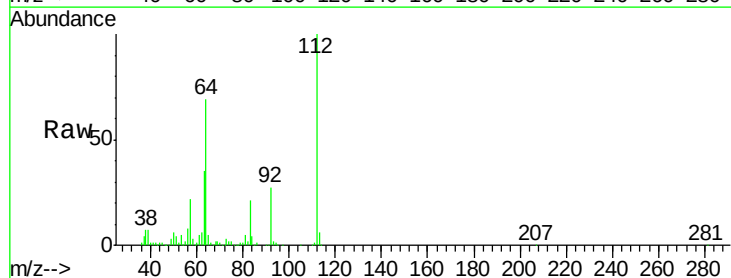
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



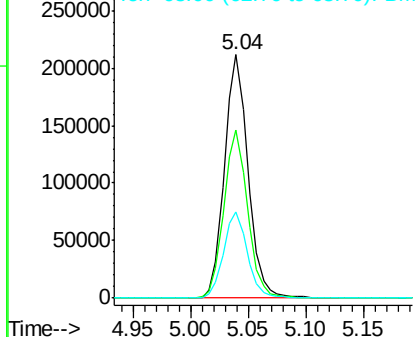
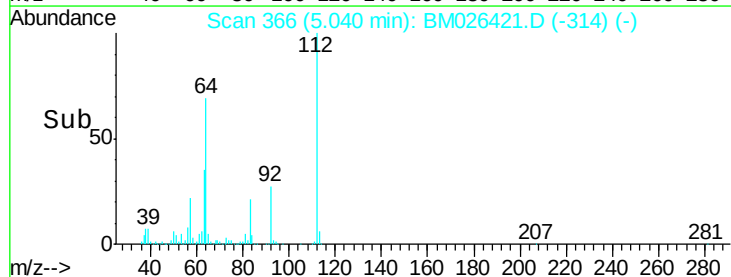
#5

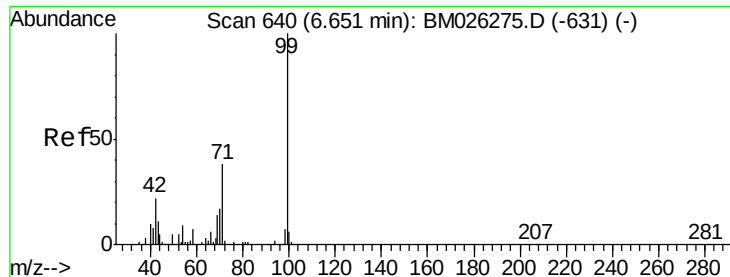
2-Fluorophenol  
Concen: 37.368 ng  
RT: 5.04 min Scan# 366  
Delta R.T. 0.01 min  
Lab File: BM026421.D  
Acq: 16 Jun 2020 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.0  | 56.0  | 84.0  |
| 63      | 35.4  | 29.0  | 43.6  |



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: 35.542 ng

RT: 6.60 min Scan# 632

Delta R.T. -0.00 min

Lab File: BM026421.D

Acq: 16 Jun 2020 20:30

Instrument :

BNA\_M

ClientSampleId :

BU-02-061020

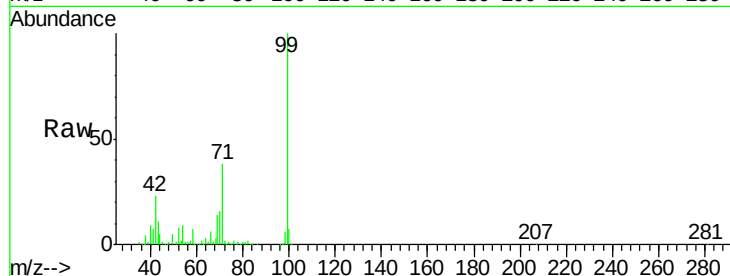
Tot Ion: 99 Resp: 413627

Ion Ratio Lower Upper

99 100

42 22.6 17.8 26.6

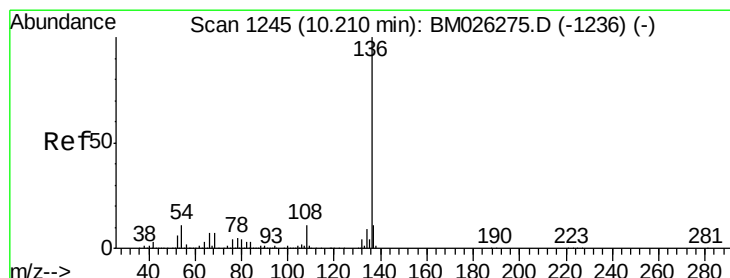
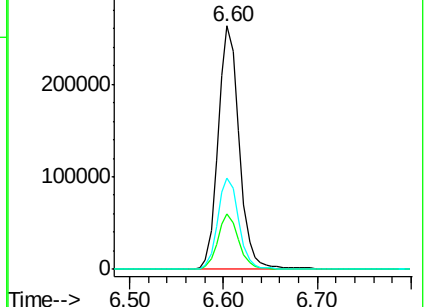
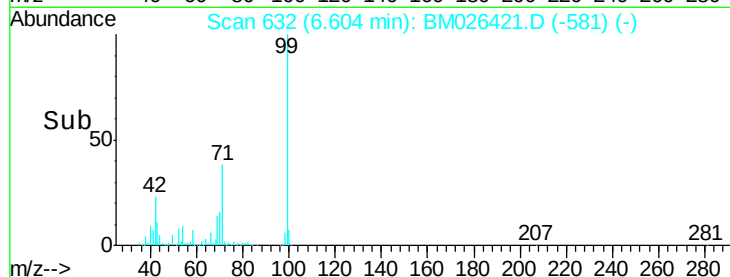
71 37.8 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026421.D (-581) (-)

Ion 42.00 (41.70 to 42.70): BM026421.D (-581) (-)

Ion 71.00 (70.70 to 71.70): BM026421.D (-581) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.16 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BM026421.D

Acq: 16 Jun 2020 20:30

Tgt Ion: 136 Resp: 560610

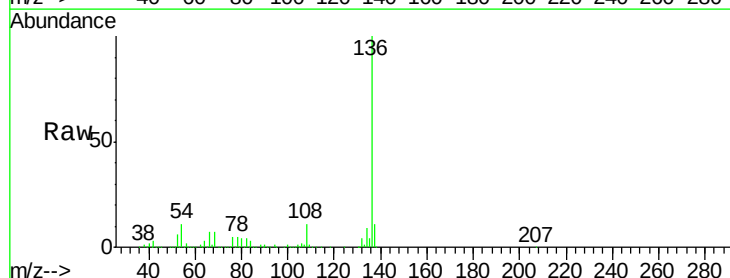
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.0 9.0 13.6

68 7.0 5.6 8.4

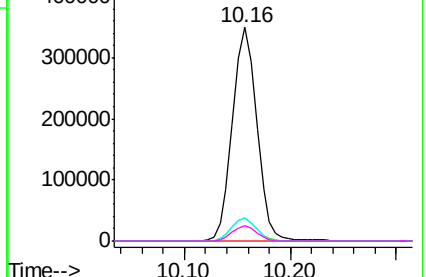
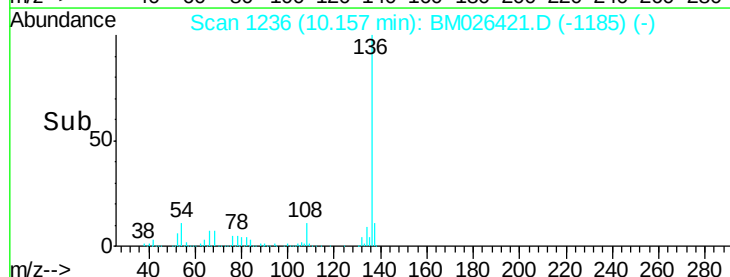


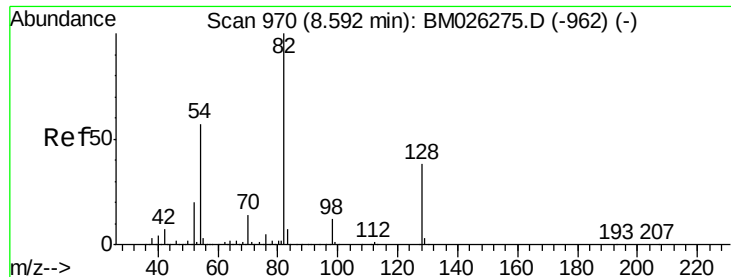
Abundance Ion 136.00 (135.70 to 136.70): BM026421.D (-1185) (-)

Ion 137.00 (136.70 to 137.70): BM026421.D (-1185) (-)

Ion 54.00 (53.70 to 54.70): BM026421.D (-1185) (-)

Ion 68.00 (67.70 to 68.70): BM026421.D (-1185) (-)

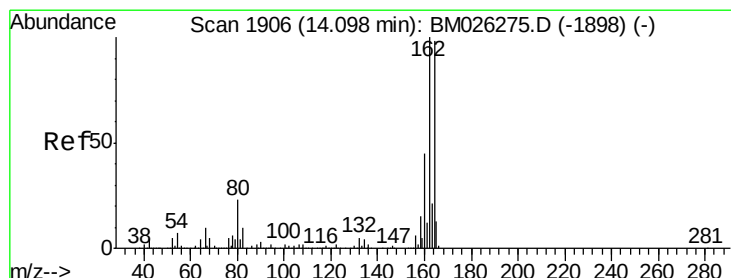
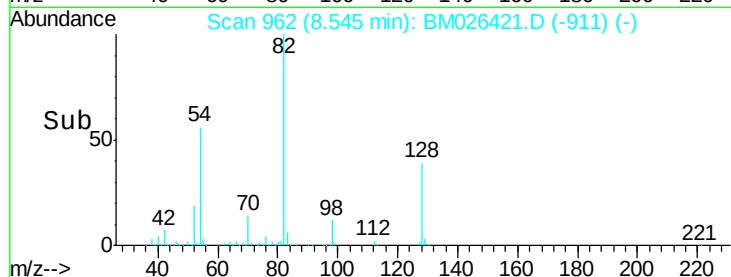
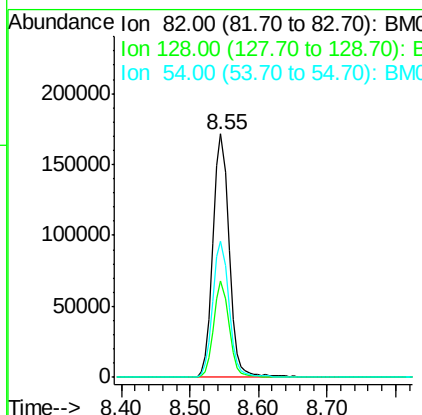
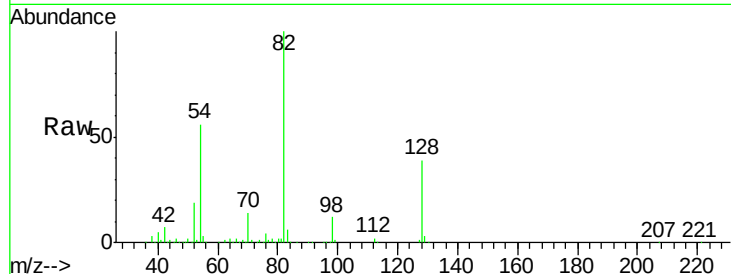




#23  
 Nitrobenzene-d5  
 Concen: 24.812 ng  
 RT: 8.55 min Scan# 962  
 Delta R.T. -0.00 min  
 Lab File: BM026421.D  
 Acq: 16 Jun 2020 20:30

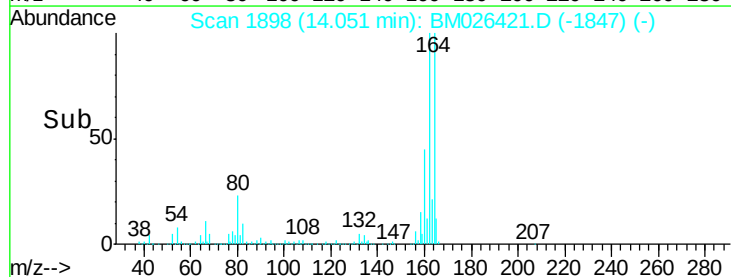
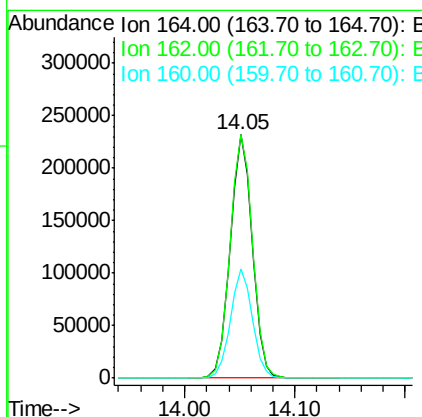
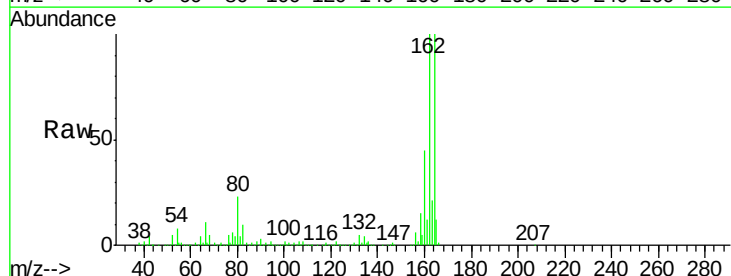
Instrument :  
 BNA\_M  
 ClientSampleId :  
 BU-02-061020

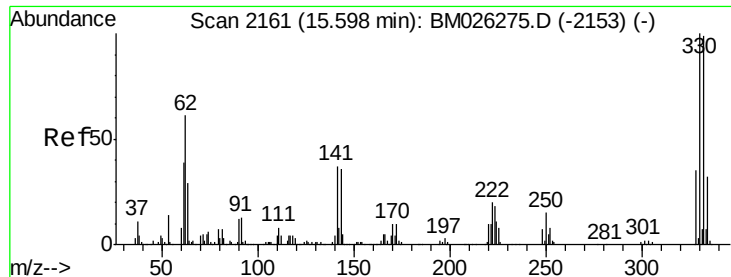
| Tot Ion   | 82    | Resp  | 283299 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.4  | 31.0  | 46.6   |
| 54        | 55.7  | 45.4  | 68.2   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.05 min Scan# 1898  
 Delta R.T. -0.00 min  
 Lab File: BM026421.D  
 Acq: 16 Jun 2020 20:30

| Tgt Ion   | 164   | Resp  | 326085 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.1 | 77.7  | 116.5  |
| 160       | 45.0  | 34.2  | 51.2   |

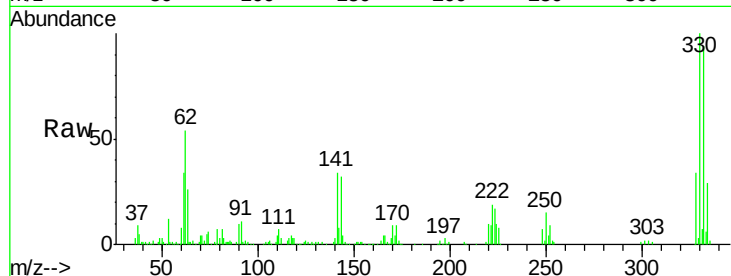




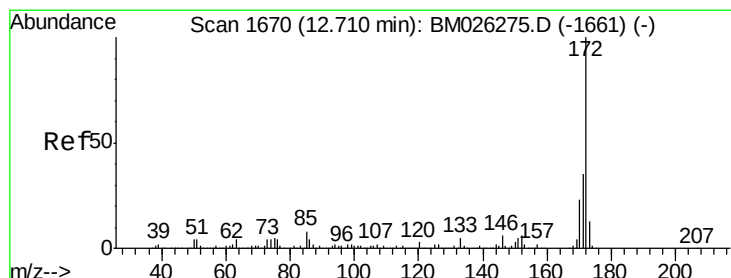
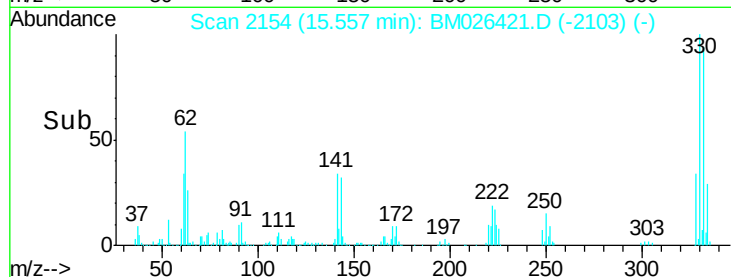
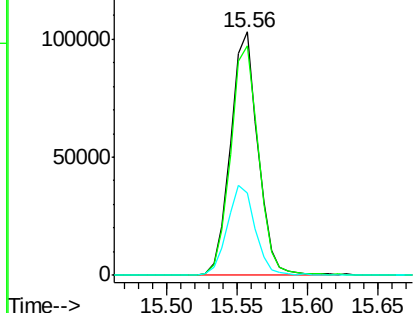
#42  
 2,4,6-Tribromophenol  
 Concen: 35.372 ng  
 RT: 15.56 min Scan# 2154  
 Delta R.T. -0.00 min  
 Lab File: BM026421.D  
 Acq: 16 Jun 2020 20:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BU-02-061020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.7  | 116.5 |
| 141     | 37.2  | 29.7  | 44.5  |

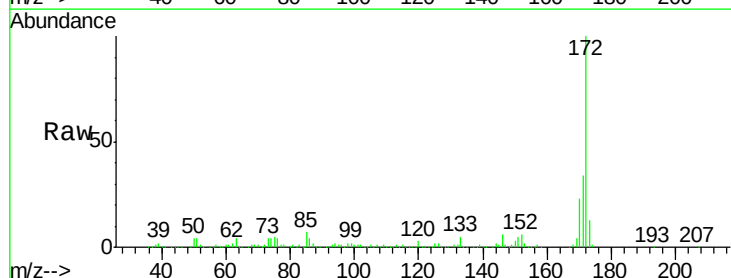


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

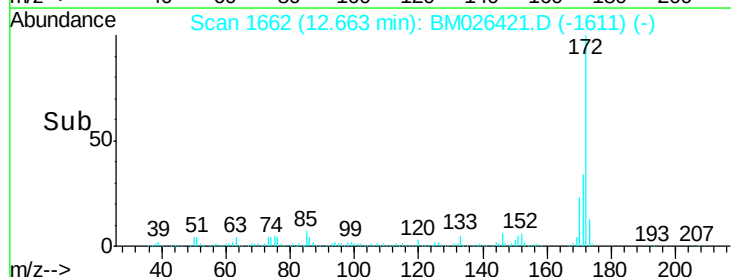
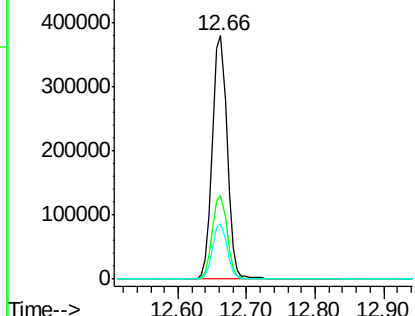


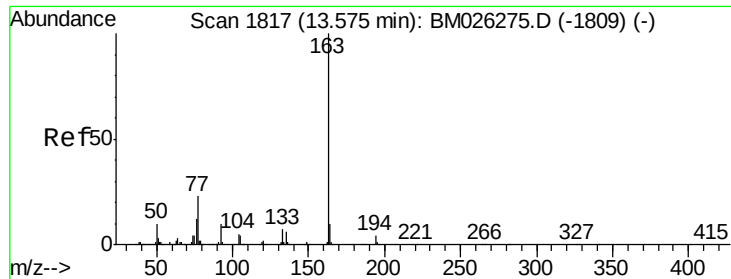
#45  
 2-Fluorobiphenyl  
 Concen: 26.428 ng  
 RT: 12.66 min Scan# 1662  
 Delta R.T. -0.00 min  
 Lab File: BM026421.D  
 Acq: 16 Jun 2020 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.2  | 27.8  | 41.8  |
| 170     | 22.8  | 18.2  | 27.4  |



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: 3.970 ng

RT: 13.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BM026421.D

Acq: 16 Jun 2020 20:30

Instrument :

BNA\_M

ClientSampleId :

BU-02-061020

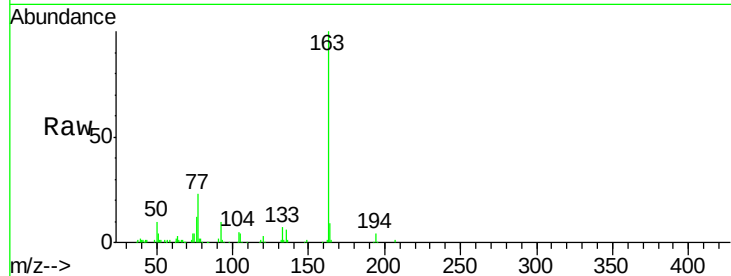
Tot Ion:163 Resp: 94687

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

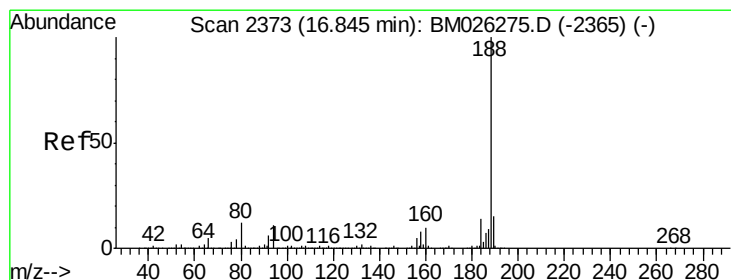
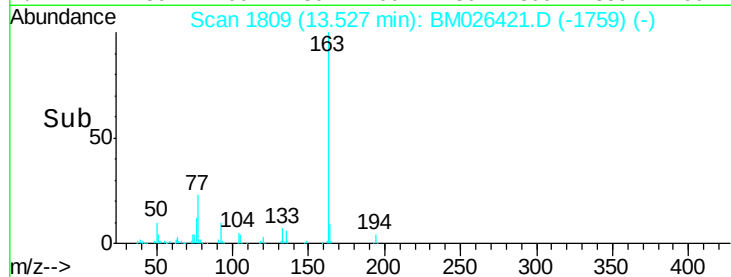
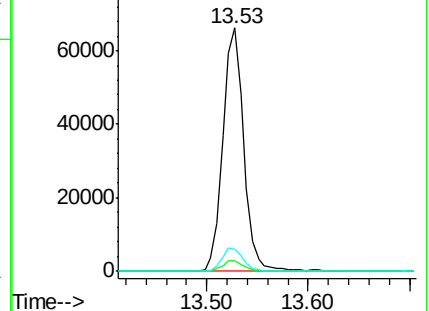
164 9.1 7.8 11.8



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: 16.80 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM026421.D

Acq: 16 Jun 2020 20:30

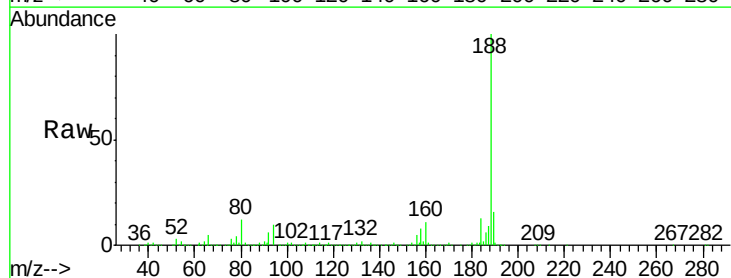
Tgt Ion:188 Resp: 657086

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

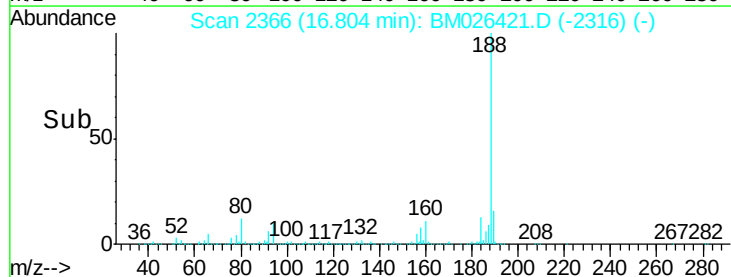
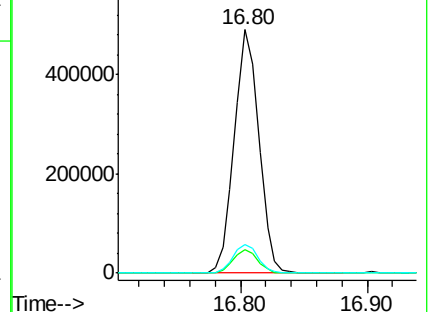
80 11.7 9.5 14.3

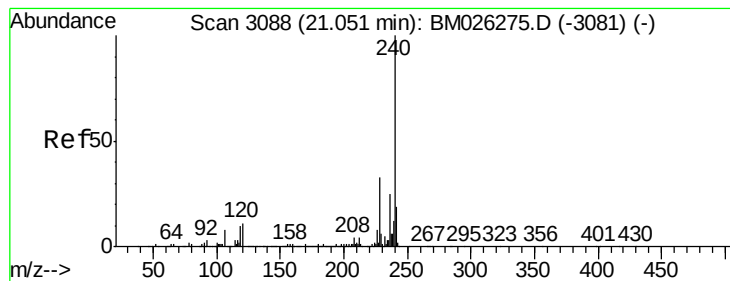


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.02 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM026421.D

Acq: 16 Jun 2020 20:30

Instrument :

BNA\_M

ClientSampleId :

BU-02-061020

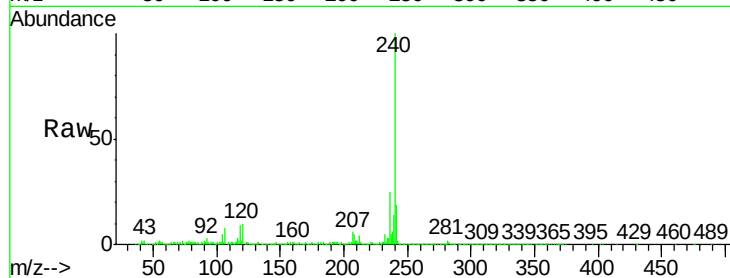
Tot Ion:240 Resp: 659284

Ion Ratio Lower Upper

240 100

120 10.2 9.3 13.9

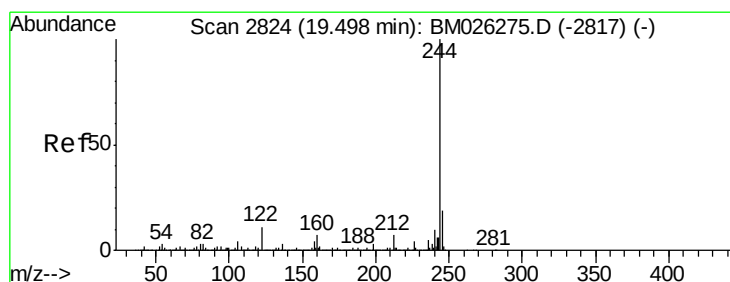
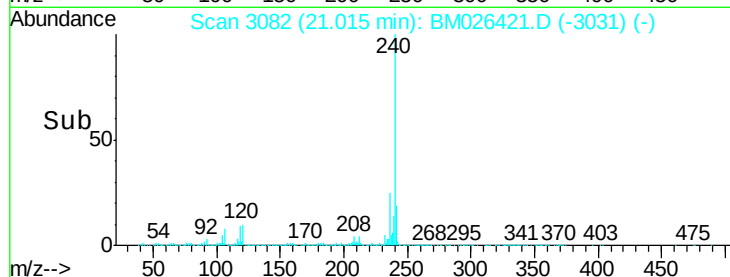
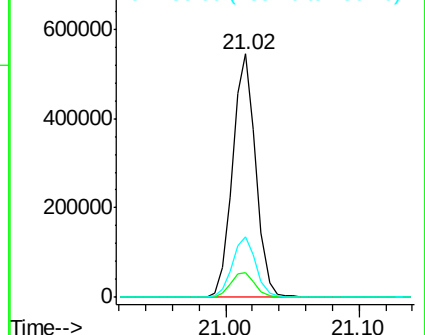
236 25.0 19.4 29.0



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



#79

Terphenyl-d14

Concen: 24.598 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM026421.D

Acq: 16 Jun 2020 20:30

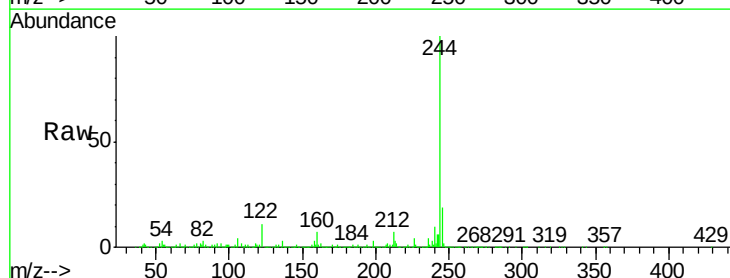
Tgt Ion:244 Resp: 835440

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

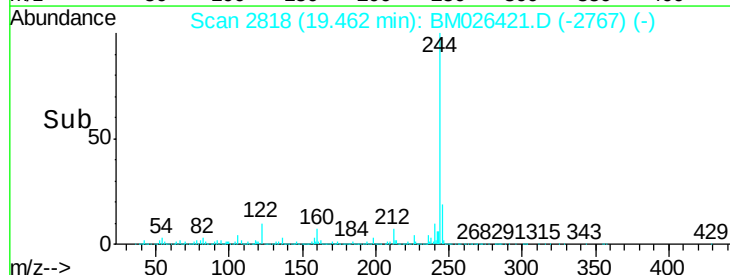
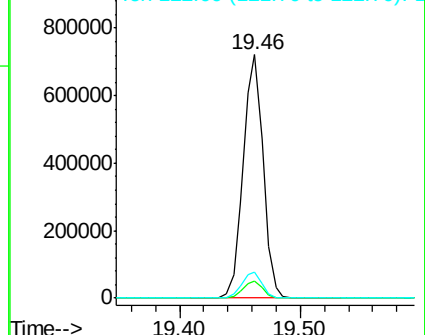
122 10.5 8.6 13.0



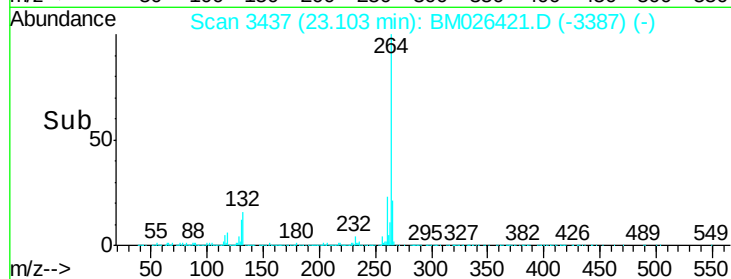
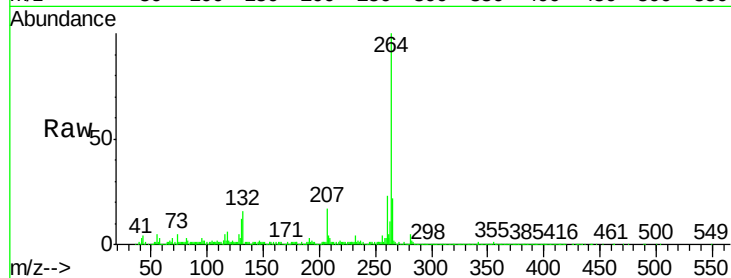
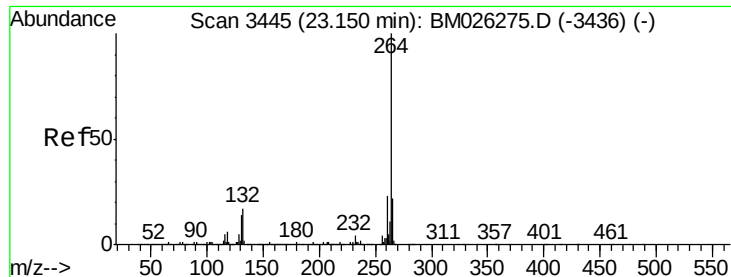
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM026421.D

Acq: 16 Jun 2020 20:30

Instrument :

BNA\_M

ClientSampleId :

BU-02-061020

Tot Ion:264 Resp: 714786

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.8 17.8 26.6

