

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\  
 Data File : BM016653.D  
 Acq On : 04 Sep 2018 19:18  
 Operator : SJ/JU  
 Sample : J4733-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-LEX-3(0-5)

Quant Time: Sep 05 06:51:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

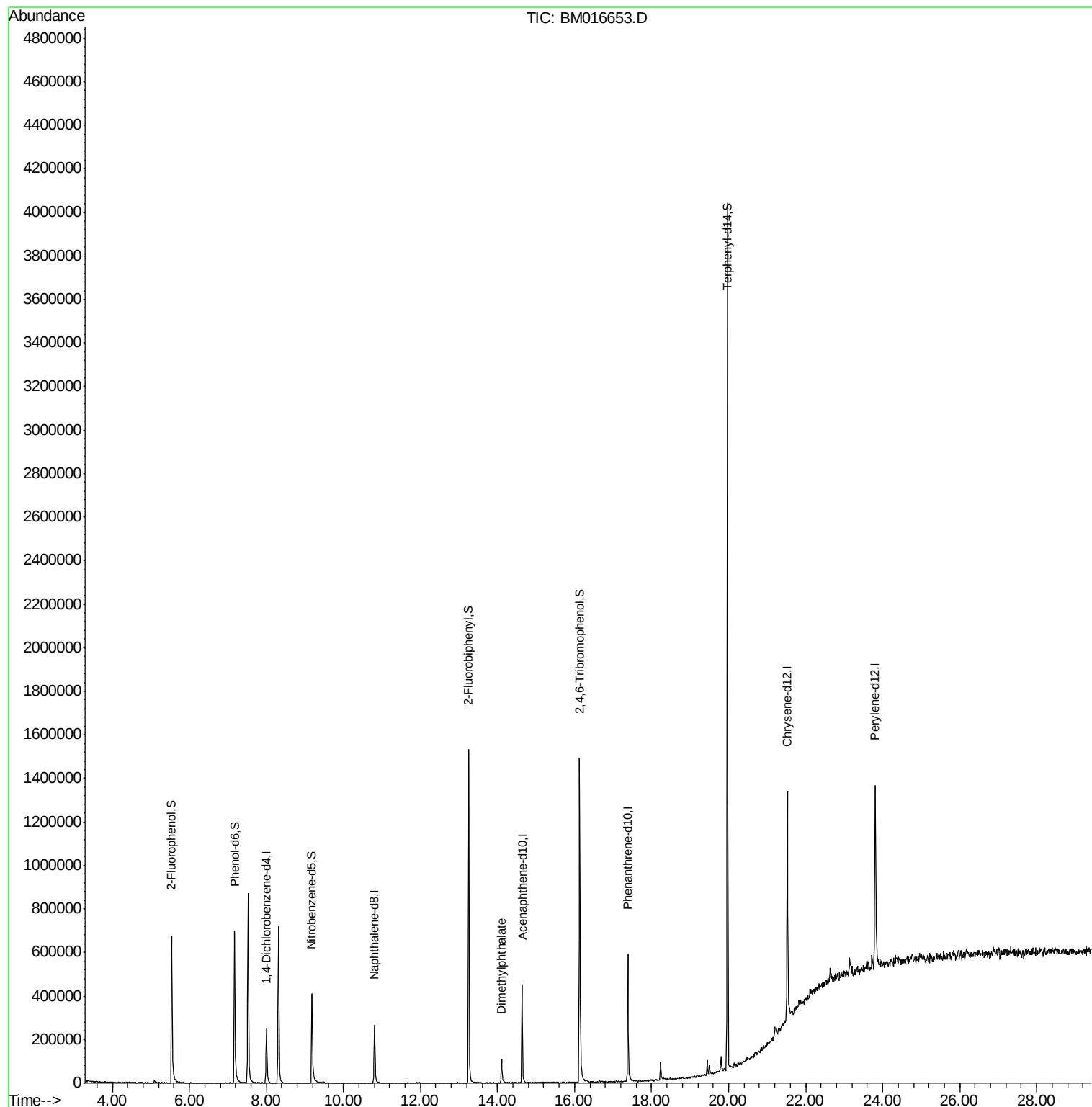
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 54164    | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.80 | 136  | 178750   | 20.00 | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.64 | 164  | 121551   | 20.00 | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.38 | 188  | 355339   | 20.00 | ng    | 0.00           |
| 75) Chrysene-d12            | 21.53 | 240  | 479595   | 20.00 | ng    | 0.00           |
| 86) Perylene-d12            | 23.80 | 264  | 667050   | 20.00 | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.54  | 112  | 230746   | 83.48 | ng    | 0.00           |
| 7) Phenol-d6                | 7.17  | 99   | 284254   | 77.72 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.18  | 82   | 261471   | 66.79 | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 16.13 | 330  | 241906   | 71.19 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.25 | 172  | 655959   | 51.87 | ng    | -0.01          |
| 78) Terphenyl-d14           | 19.97 | 244  | 1467785  | 64.78 | ng    | -0.01          |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 14.10 | 163  | 69877    | 5.984 | ng    | Qvalue<br># 90 |

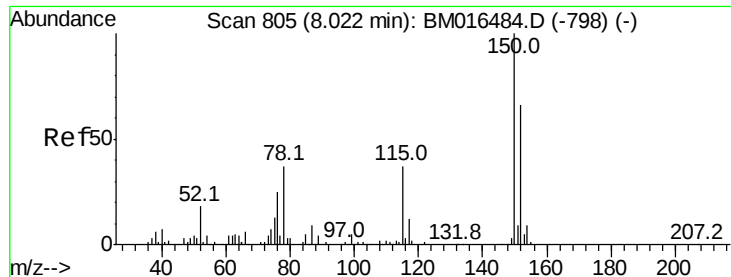
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J4733-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TP-LEX-3(0-5)

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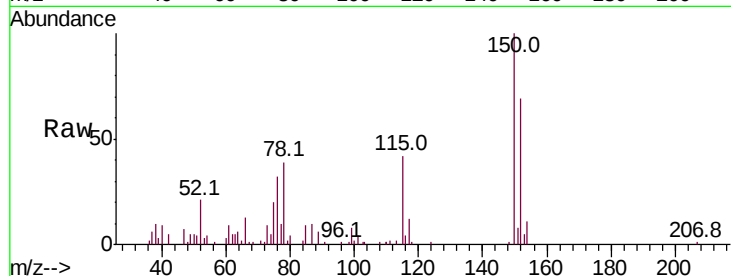


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BM016653.D  
Acq: 04 Sep 2018 19:18

Instrument :  
BNA\_M  
ClientSampleId :  
TP-LEX-3(0-5)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.7 | 119.5 | 179.3 |
| 115     | 61.8  | 43.0  | 64.4  |

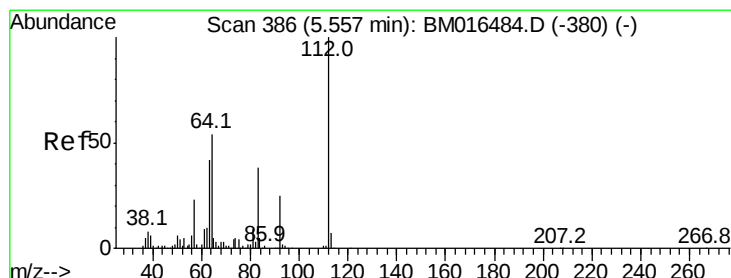
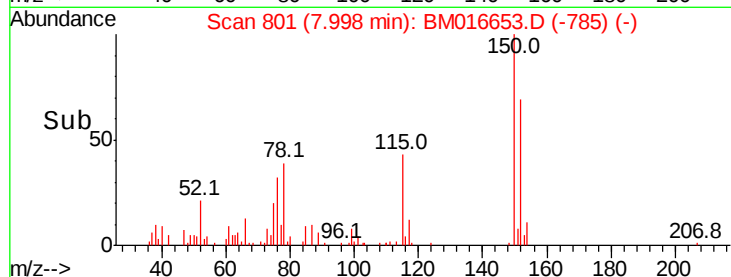
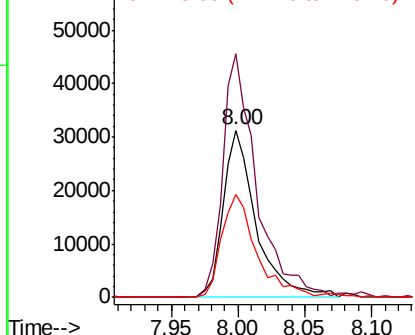


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

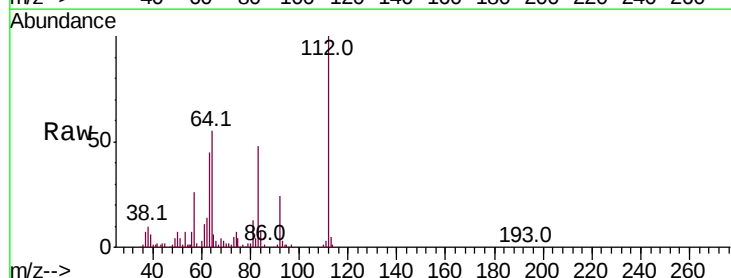
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 83.481 ng  
RT: 5.54 min Scan# 383  
Delta R.T. -0.01 min  
Lab File: BM016653.D  
Acq: 04 Sep 2018 19:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.2  | 38.6  | 57.8  |
| 63      | 45.3  | 19.3  | 28.9  |

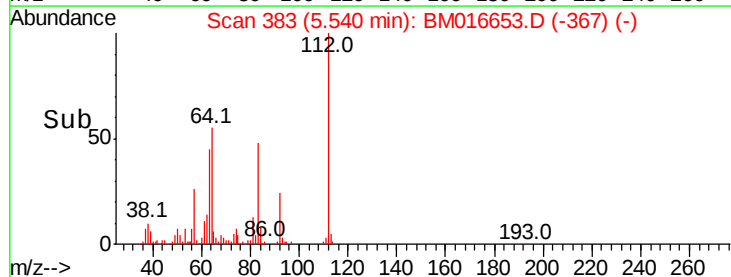
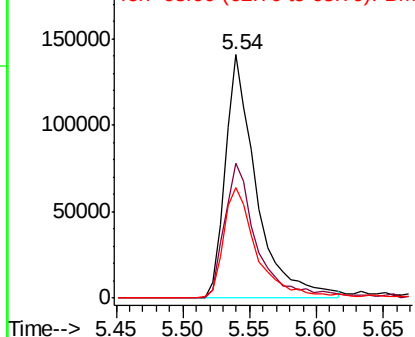


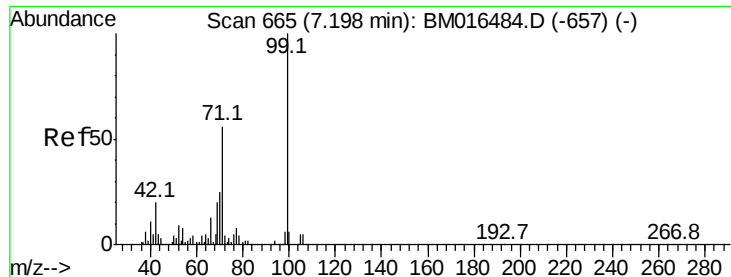
Abundance

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: 77.716 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016653.D

Acq: 04 Sep 2018 19:18

Instrument :

BNA\_M

ClientSampleId :

TP-LEX-3(0-5)

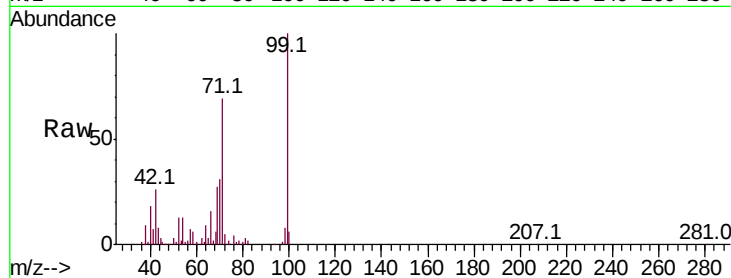
Tot Ion: 99 Resp: 284254

Ion Ratio Lower Upper

99 100

42 25.8 11.0 16.4#

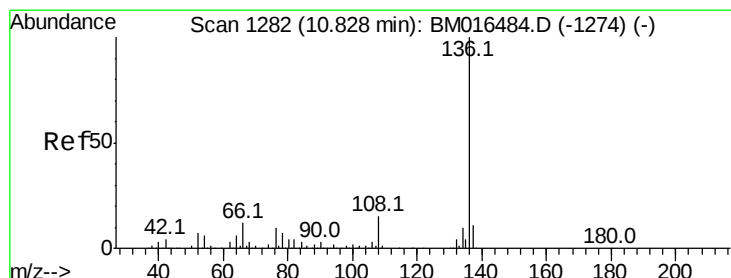
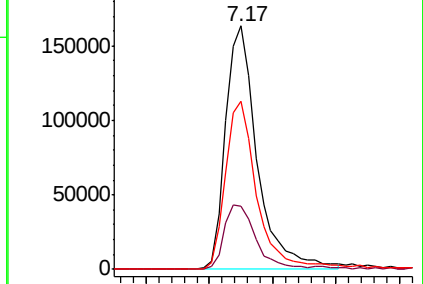
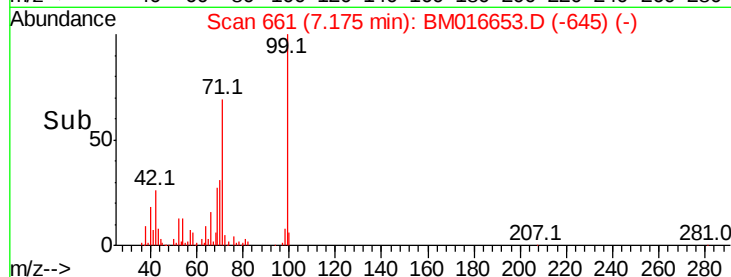
71 69.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016653.D

Acq: 04 Sep 2018 19:18

Tgt Ion: 136 Resp: 178750

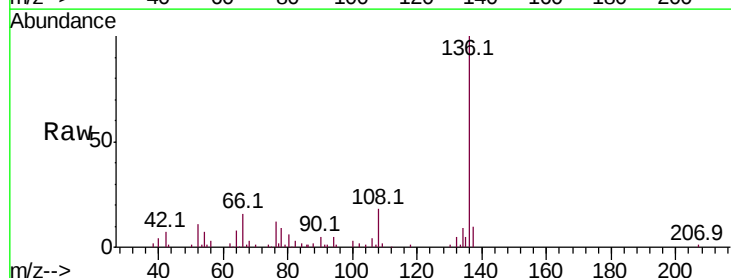
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 7.2 4.6 6.8#

68 3.4 3.7 5.5#

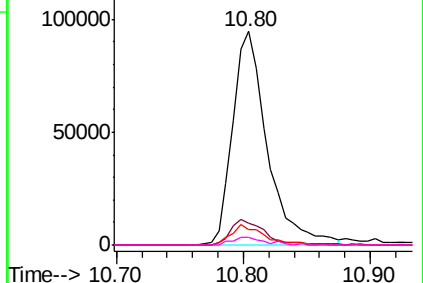
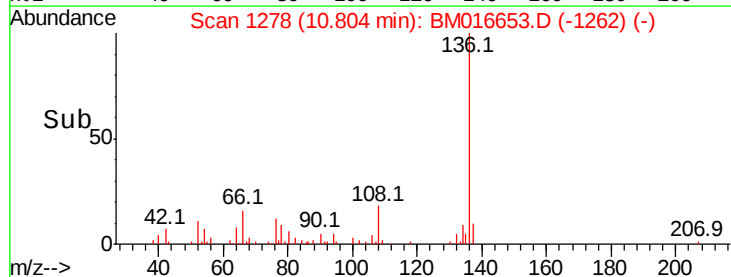


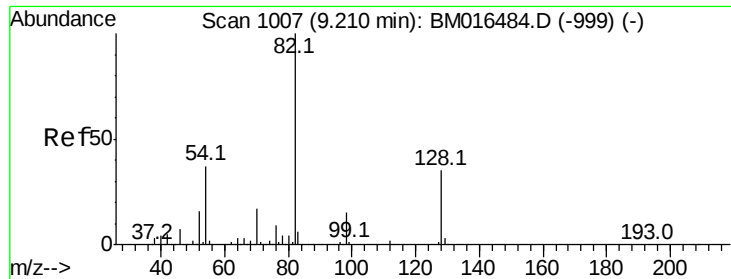
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

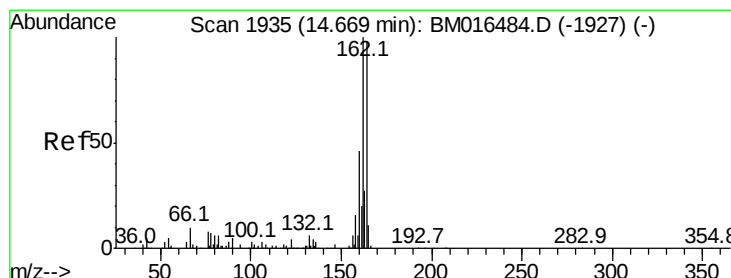
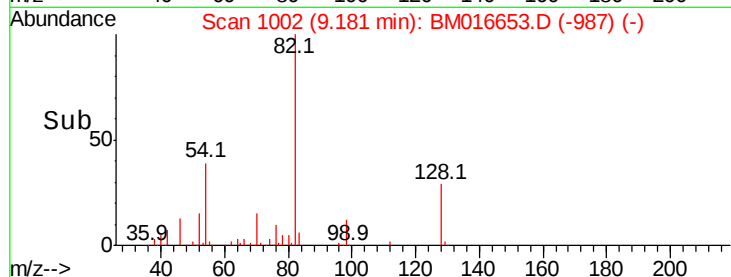
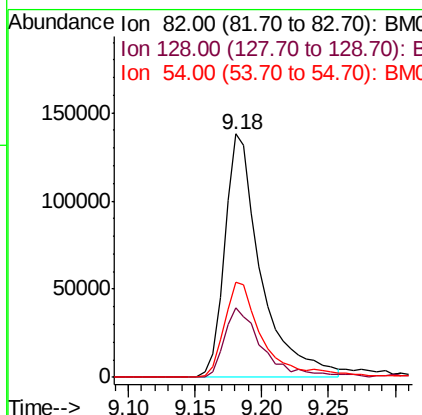
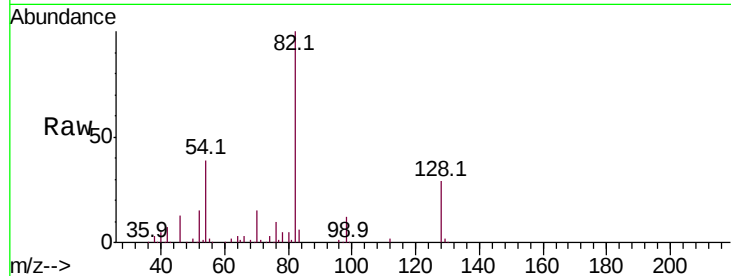




#23  
Nitrobenzene-d5  
Concen: 66.789 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BM016653.D  
Acq: 04 Sep 2018 19:18

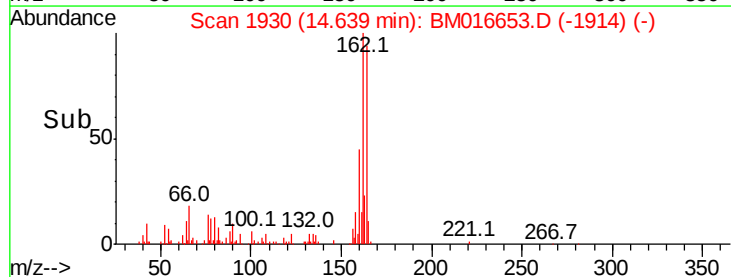
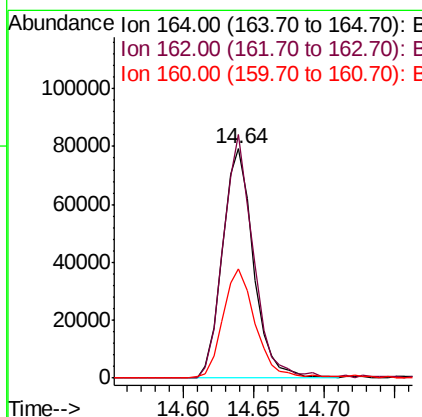
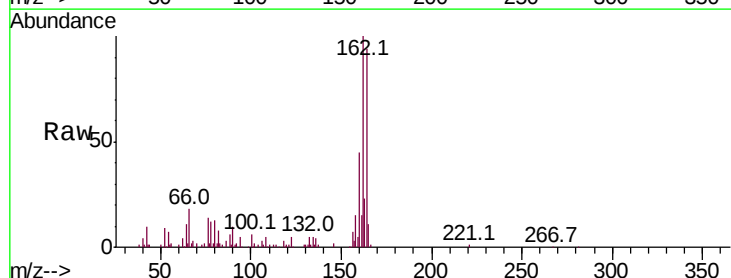
Instrument :  
BNA\_M  
ClientSampleId :  
TP-LEX-3(0-5)

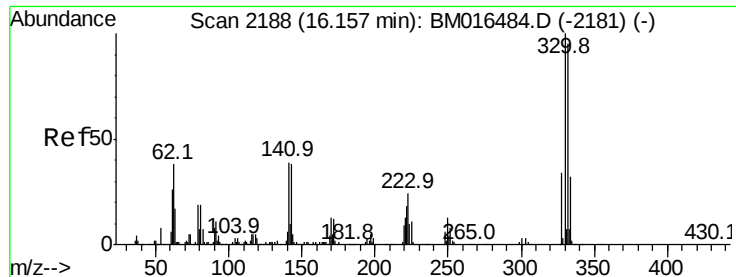
| Tot Ion   | 82   | Resp  | 261471 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 28.6 | 32.8  | 49.2#  |
| 54        | 39.3 | 40.6  | 60.8#  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 1930  
Delta R.T. -0.01 min  
Lab File: BM016653.D  
Acq: 04 Sep 2018 19:18

| Tgt Ion                                              | 164   | Resp  | 121551 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 106.2 | 82.4  | 123.6  |
| 160                                                  | 47.5  | 35.8  | 53.6   |

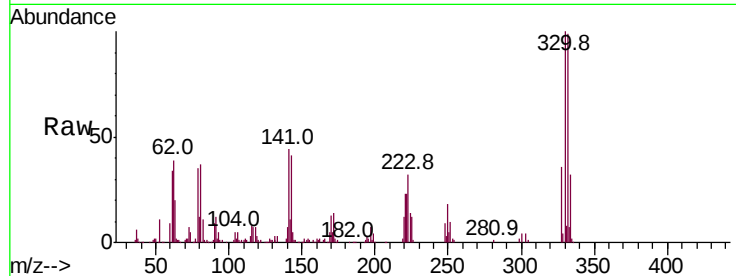




#41  
 2,4,6-Tribromophenol  
 Concen: 71.194 ng  
 RT: 16.13 min Scan# 2184  
 Delta R.T. -0.01 min  
 Lab File: BM016653.D  
 Acq: 04 Sep 2018 19:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-LEX-3(0-5)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 0.0   | 0.0#  |
| 141     | 44.1  | 0.0   | 0.0#  |

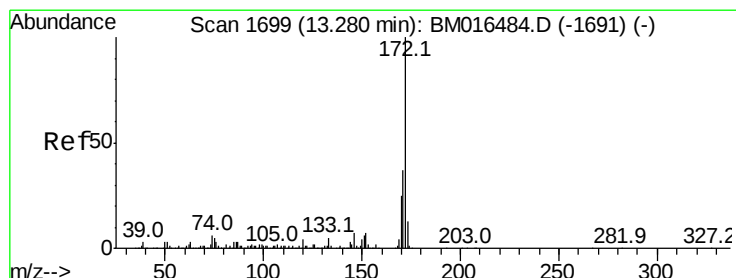
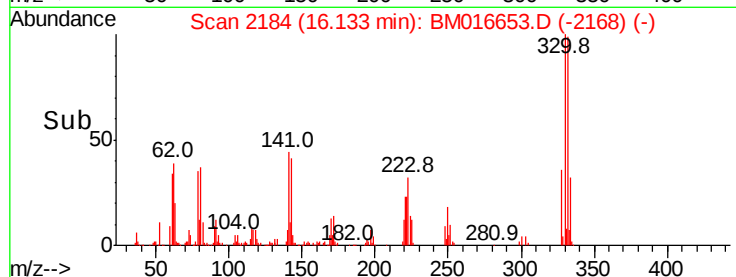
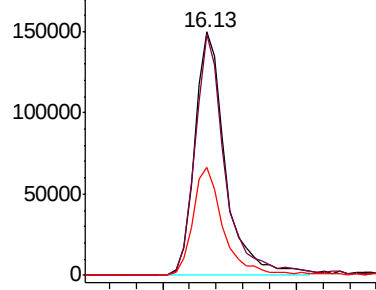


Abundance

Ion 329.80 (329.50 to 330.50): E

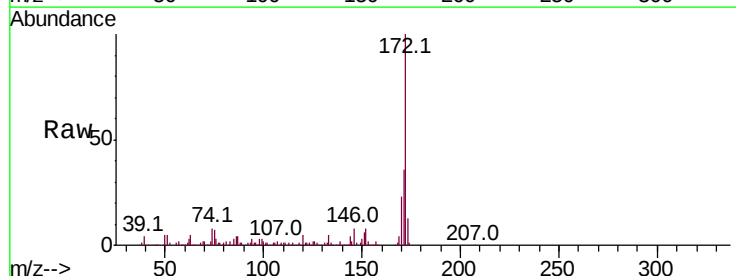
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 51.873 ng  
 RT: 13.25 min Scan# 1694  
 Delta R.T. -0.01 min  
 Lab File: BM016653.D  
 Acq: 04 Sep 2018 19:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 28.5  | 42.7  |
| 170     | 22.6  | 18.8  | 28.2  |

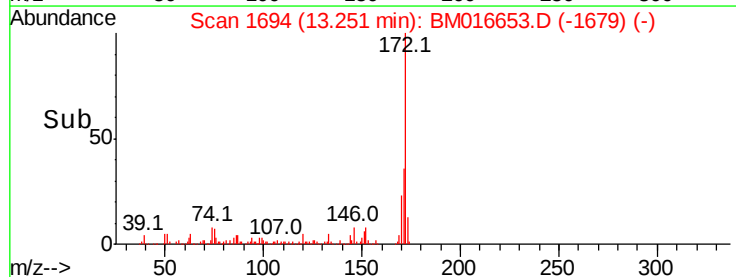
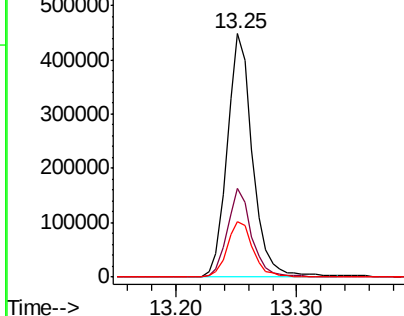


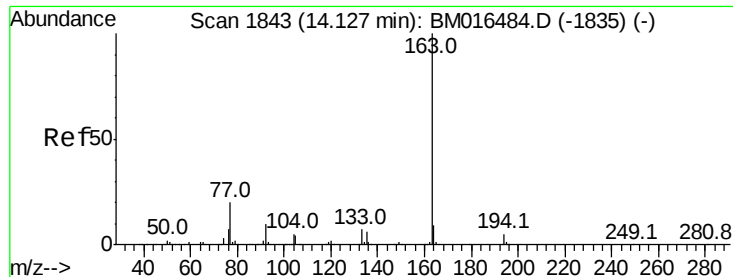
Abundance

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





#49

Dimethylphthalate

Concen: 5.984 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM016653.D

Acq: 04 Sep 2018 19:18

Instrument :

BNA\_M

ClientSampleId :

TP-LEX-3(0-5)

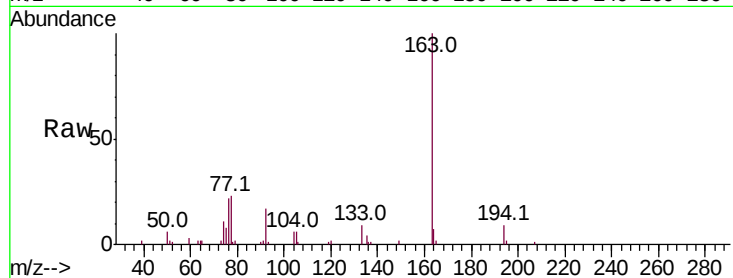
Tot Ion:163 Resp: 69877

Ion Ratio Lower Upper

163 100

194 9.0 2.7 4.1#

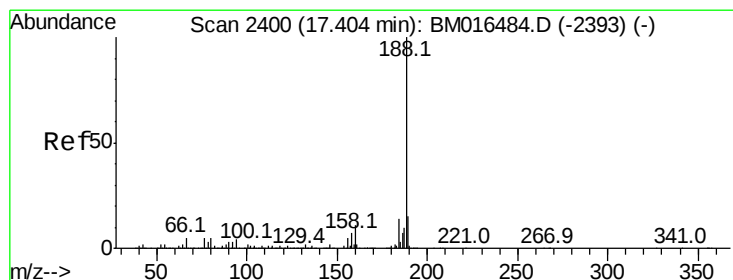
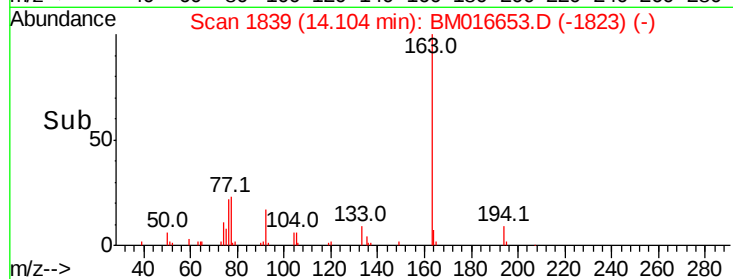
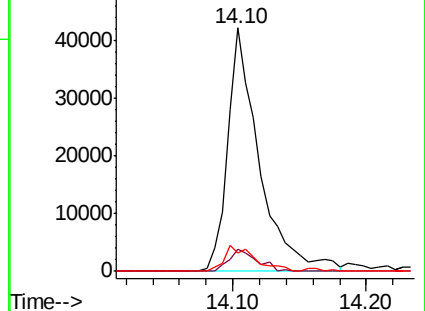
164 7.4 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM016653.D

Acq: 04 Sep 2018 19:18

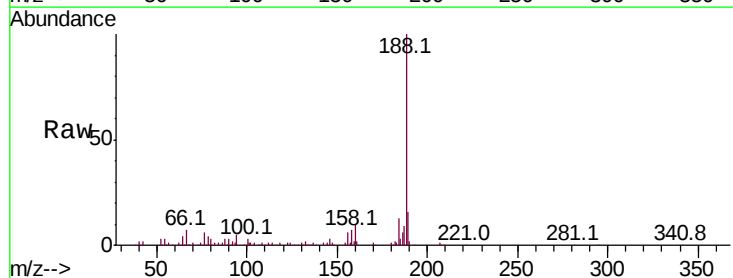
Tgt Ion:188 Resp: 355339

Ion Ratio Lower Upper

188 100

94 4.6 8.7 13.1#

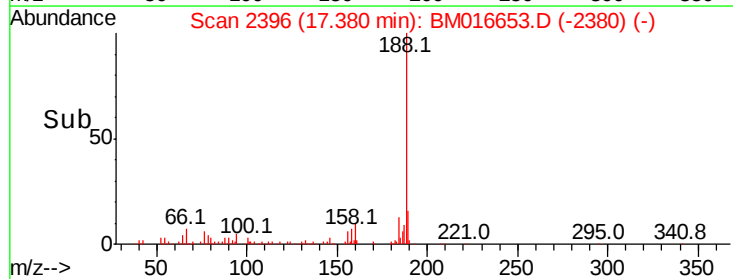
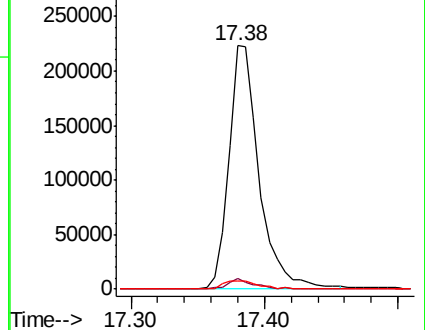
80 3.3 9.3 13.9#

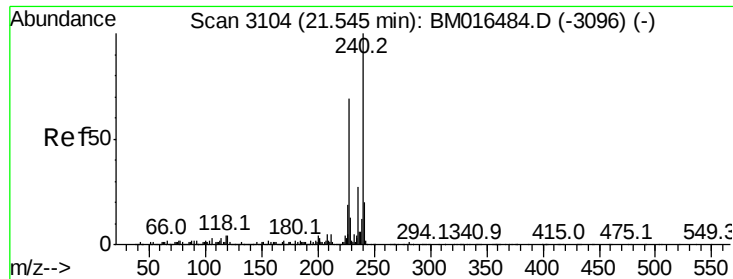


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016653.D

Acq: 04 Sep 2018 19:18

Instrument :

BNA\_M

ClientSampleId :

TP-LEX-3(0-5)

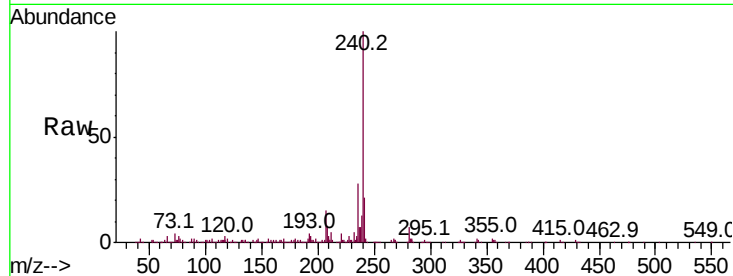
Tot Ion:240 Resp: 479595

Ion Ratio Lower Upper

240 100

120 2.4 8.2 12.2#

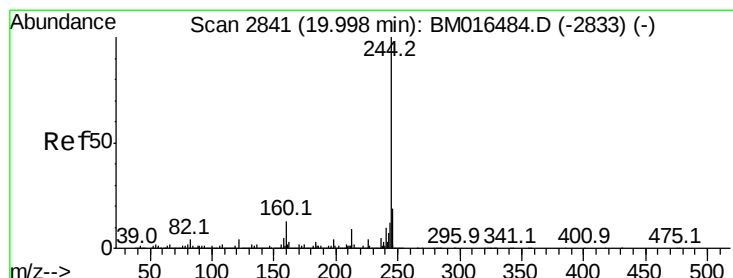
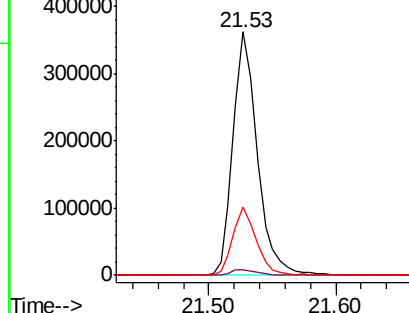
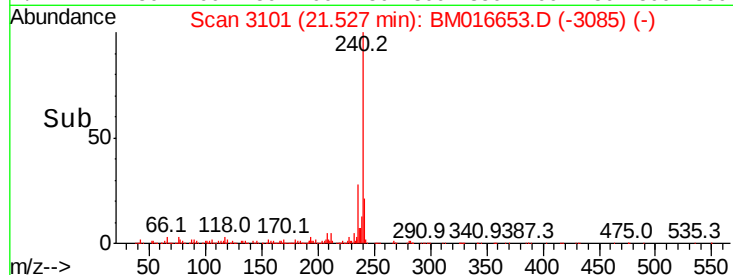
236 28.3 20.0 30.0



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: 64.777 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016653.D

Acq: 04 Sep 2018 19:18

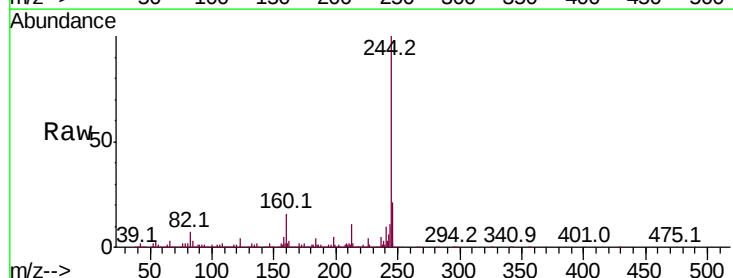
Tgt Ion:244 Resp: 1467785

Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

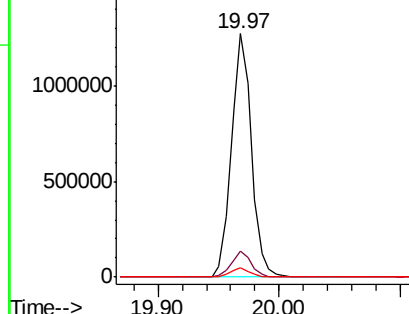
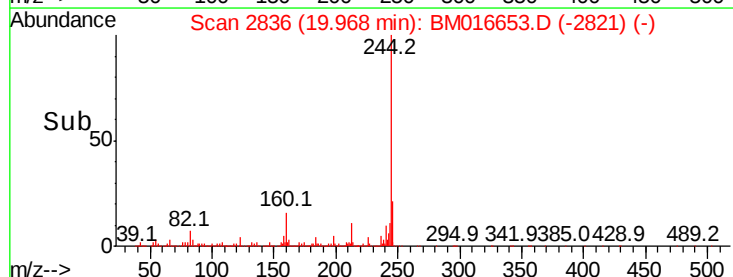
122 3.8 6.2 9.4#

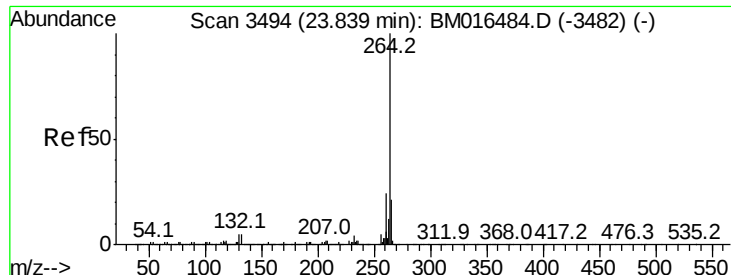


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



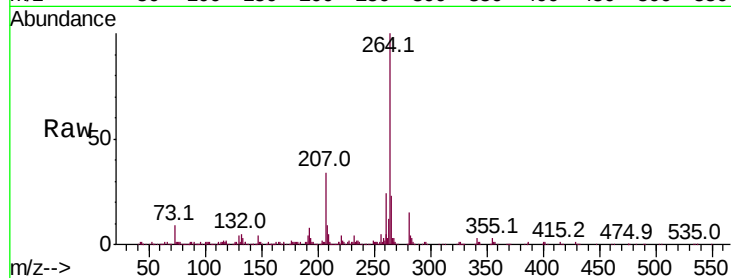


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.80 min Scan# 3488  
Delta R.T. -0.01 min  
Lab File: BM016653.D  
Acq: 04 Sep 2018 19:18

Instrument :  
BNA\_M  
ClientSampleId :  
TP-LEX-3(0-5)

Tot Ion: 264 Resp: 667050  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.6  | 27.8  |
| 265 | 22.8  | 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

