

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\  
 Data File : BM016535.D  
 Acq On : 23 Aug 2018 01:11  
 Operator : SJ/JU  
 Sample : J4525-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 23 02:41:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

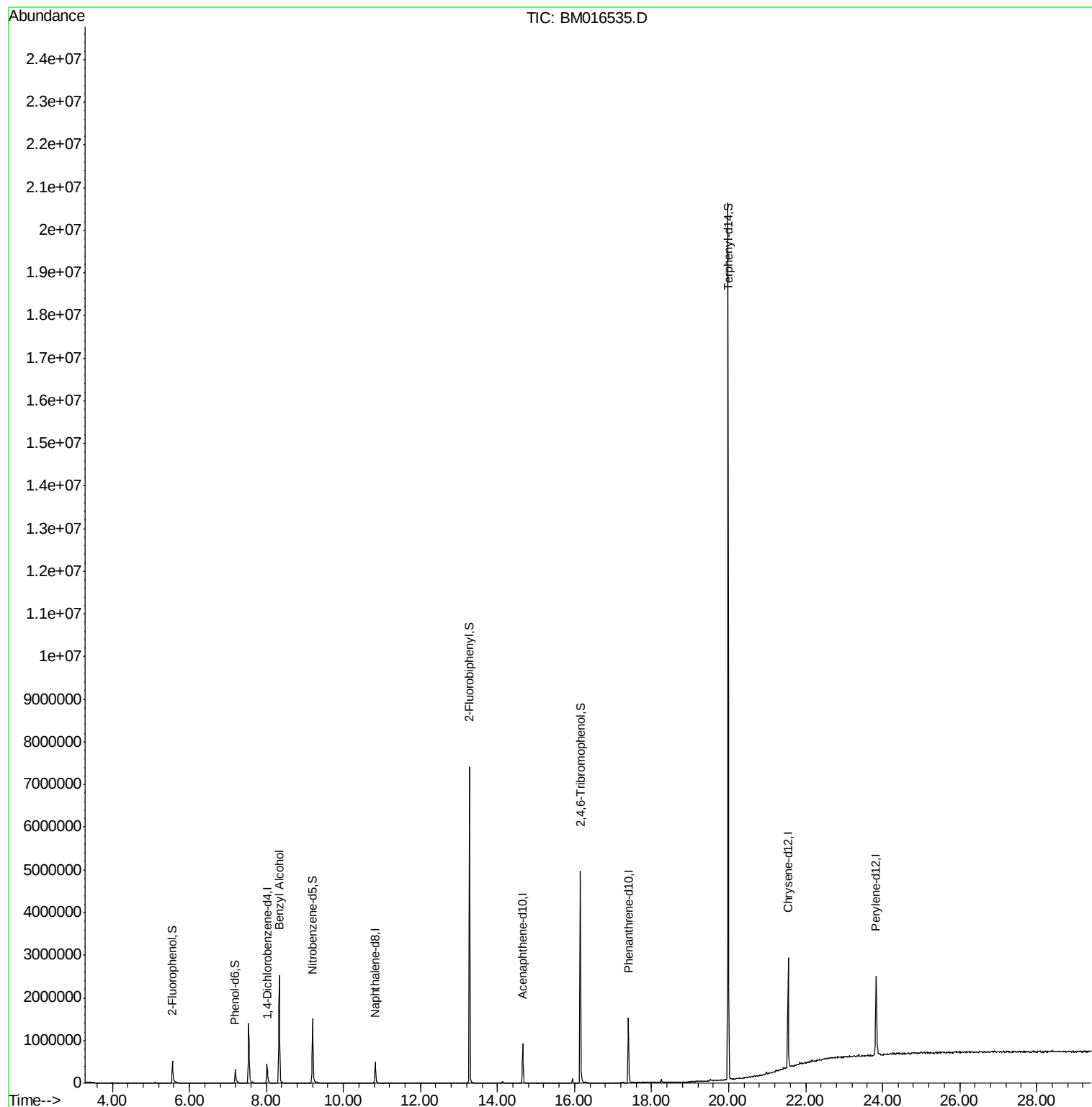
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 105728   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.82 | 136  | 339917   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 14.66 | 164  | 266772   | 20.00  | ng    | -0.01         |
| 63) Phenanthrene-d10        | 17.40 | 188  | 883877   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 21.54 | 240  | 1249117  | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 23.83 | 264  | 1471033  | 20.00  | ng    | -0.01         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.56  | 112  | 201028   | 37.26  | ng    | 0.00          |
| 7) Phenol-d6                | 7.19  | 99   | 148194   | 20.76  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 868884   | 116.71 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 16.15 | 330  | 840966   | 112.77 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 13.27 | 172  | 3260418  | 117.48 | ng    | 0.00          |
| 78) Terphenyl-d14           | 19.99 | 244  | 8129552  | 137.75 | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 15) Benzyl Alcohol          | 8.33  | 79   | 20277    | 3.058  | ng    | Qvalue<br># 1 |

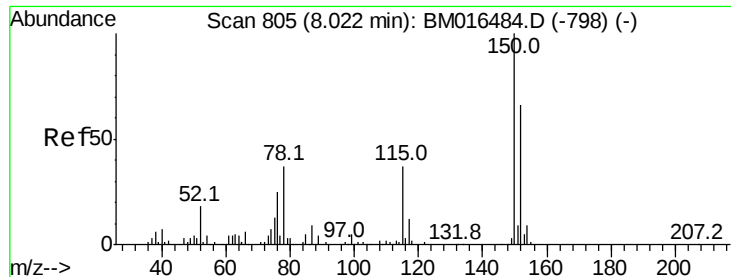
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 21 16:31:22 2018  
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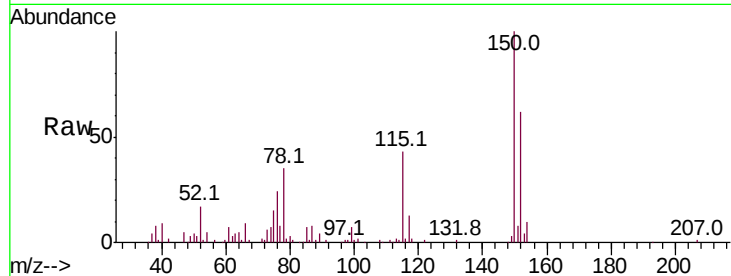


#1

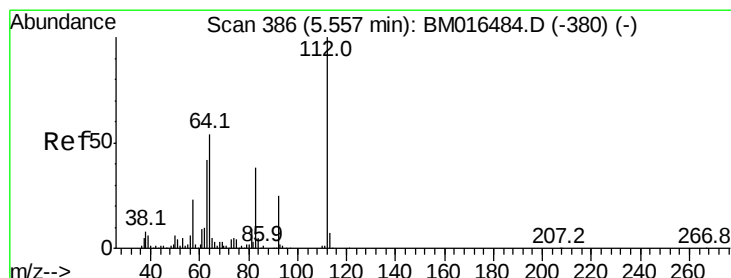
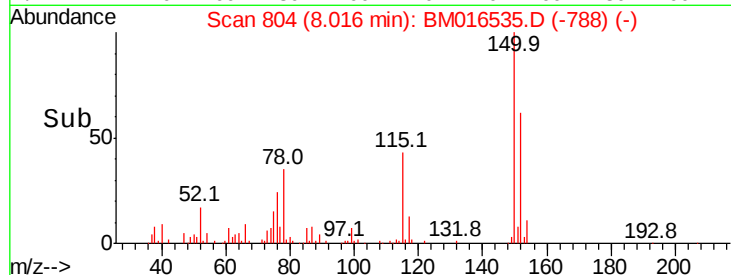
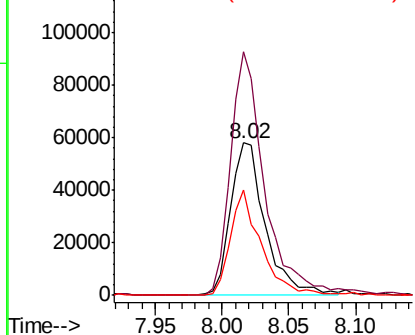
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BM016535.D  
Acq: 23 Aug 2018 01:11

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 105728  
Ion Ratio Lower Upper  
152 100  
150 160.0 119.5 179.3  
115 69.5 43.0 64.4#



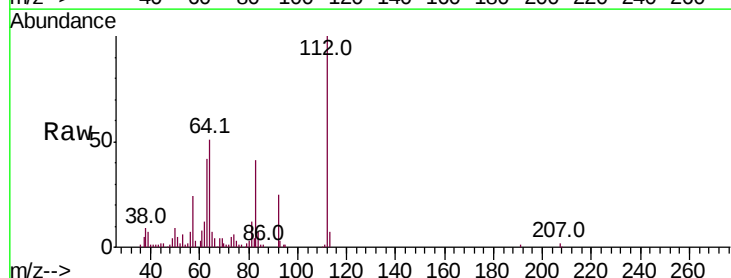
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



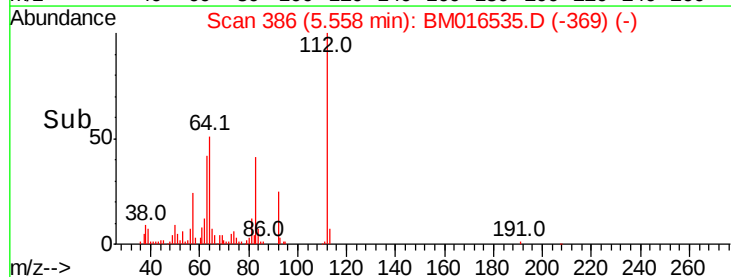
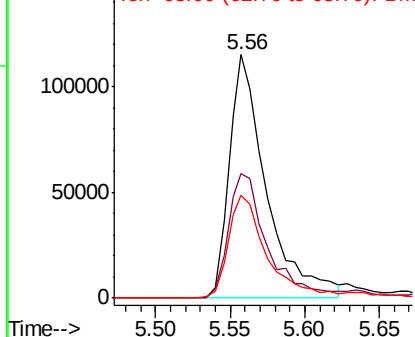
#5

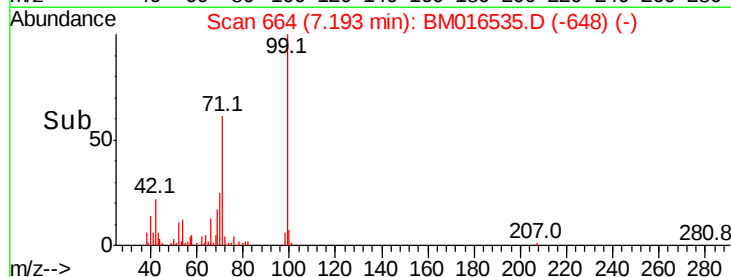
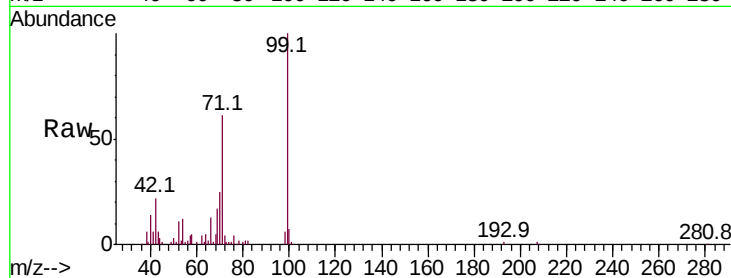
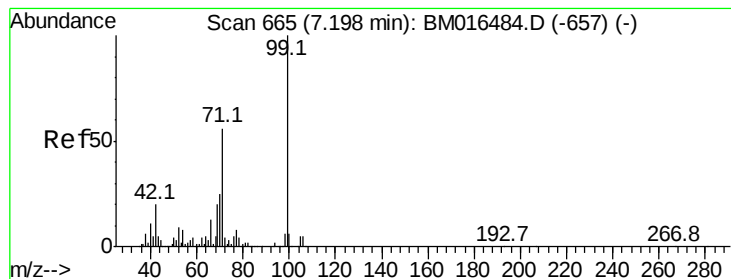
2-Fluorophenol  
Concen: Below ng  
RT: 5.56 min Scan# 386  
Delta R.T. 0.00 min  
Lab File: BM016535.D  
Acq: 23 Aug 2018 01:11

Tgt Ion:112 Resp: 201028  
Ion Ratio Lower Upper  
112 100  
64 51.0 38.6 57.8  
63 42.1 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: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

Instrument :

BNA\_M

ClientSampled :

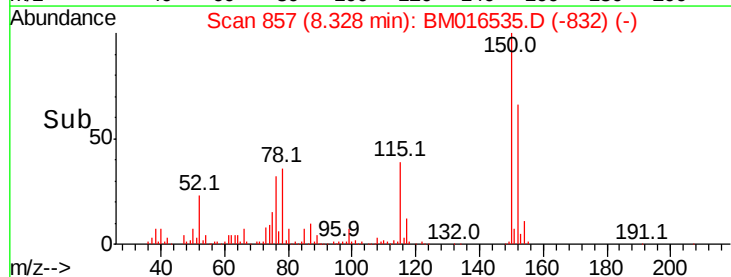
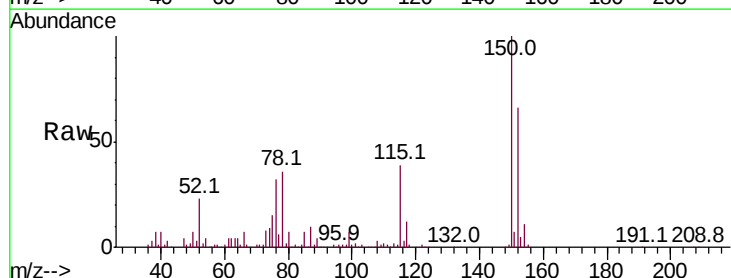
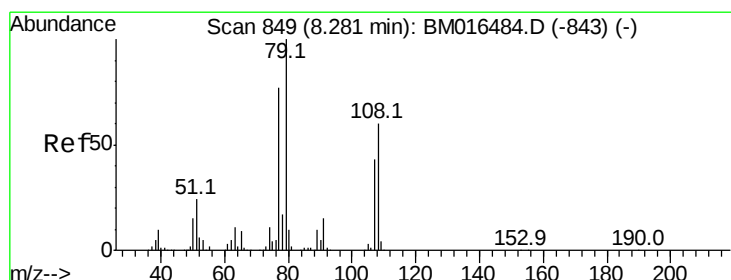
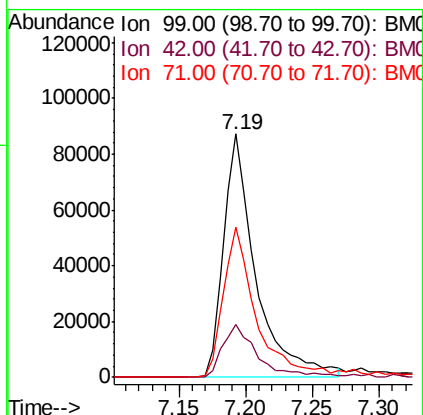
Tot Ion: 99 Resp: 148194

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 61.4 23.4 35.2#



#15

Benzyl Alcohol

Concen: 3.058 ng

RT: 8.33 min Scan# 857

Delta R.T. 0.05 min

Lab File: BM016535.D

Acq: 23 Aug 2018 01:11

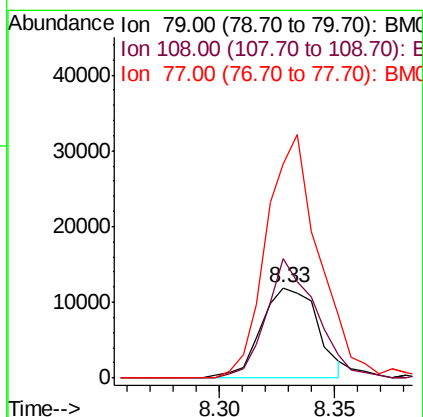
Tgt Ion: 79 Resp: 20277

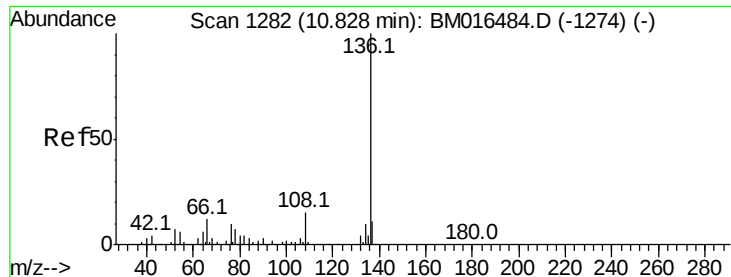
Ion Ratio Lower Upper

79 100

108 132.4 65.0 97.4#

77 237.1 53.0 79.6#

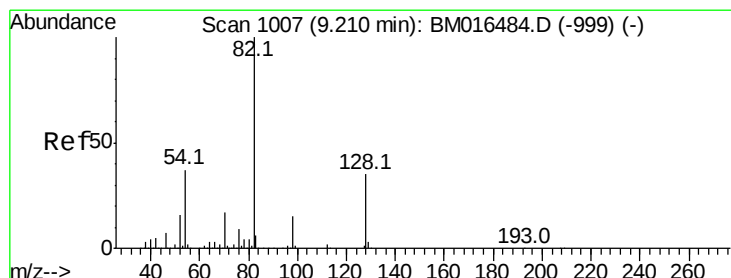
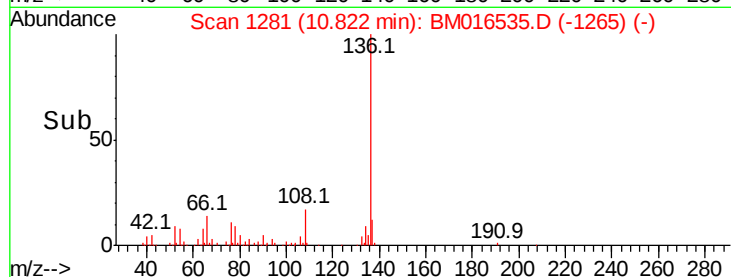
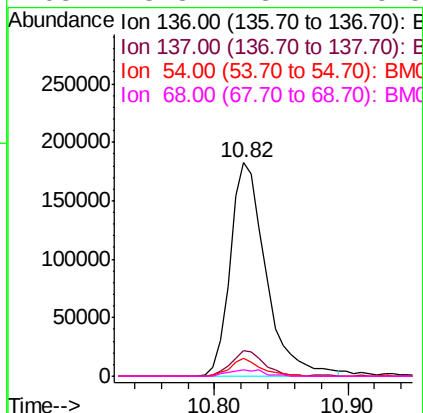
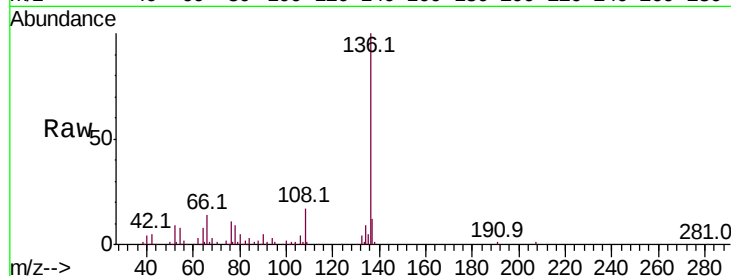




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: BM016535.D  
Acq: 23 Aug 2018 01:11

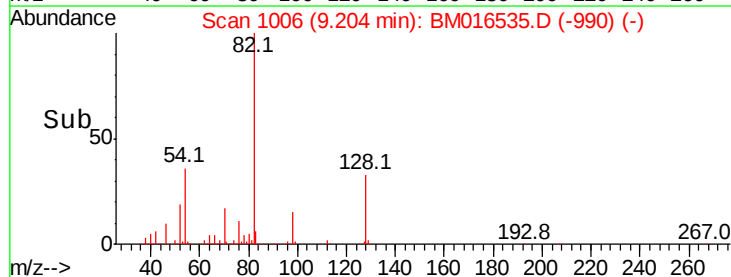
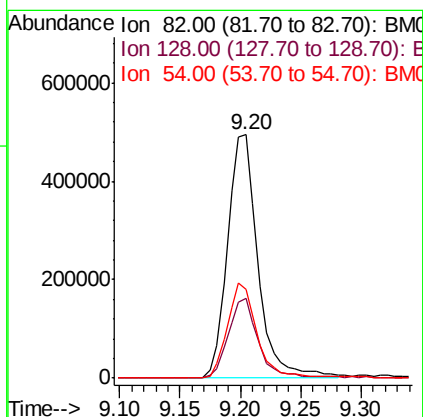
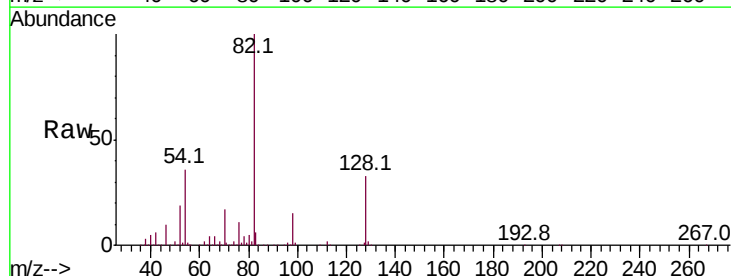
Instrument :  
BNA\_M  
ClientSampleId :

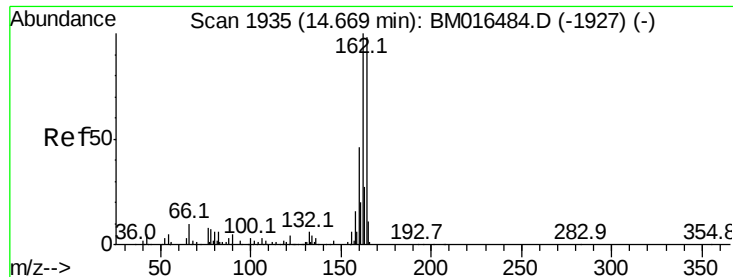
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 339917 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 12.1    | 8.7   | 13.1   |
| 54 8.5      | 4.6   | 6.8#   |
| 68 3.3      | 3.7   | 5.5#   |



#23  
Nitrobenzene-d5  
Concen: N.D. ng  
RT: 9.20 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BM016535.D  
Acq: 23 Aug 2018 01:11

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 82 | Resp: | 868884 |
| Ion | Ratio   | Lower | Upper  |
| 82  | 100     |       |        |
| 128 | 33.0    | 32.8  | 49.2   |
| 54  | 36.5    | 40.6  | 60.8#  |

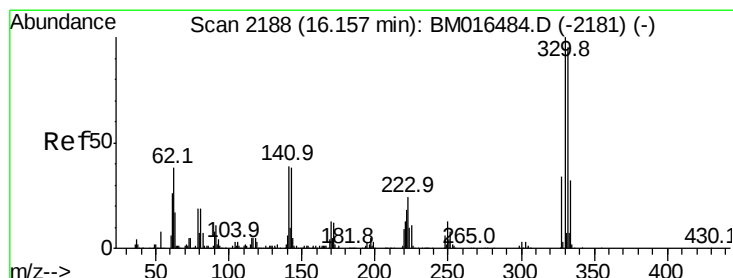
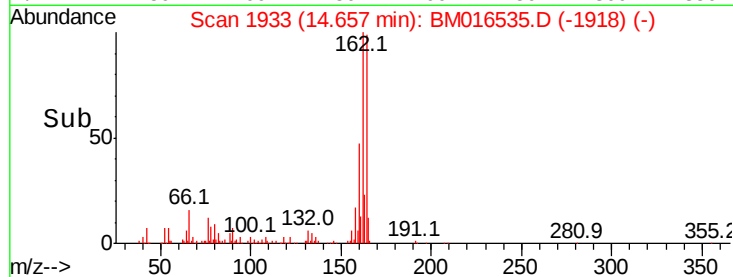
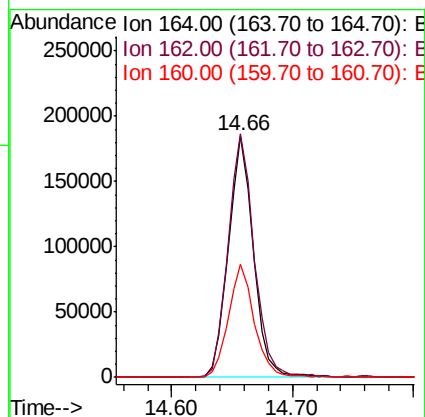
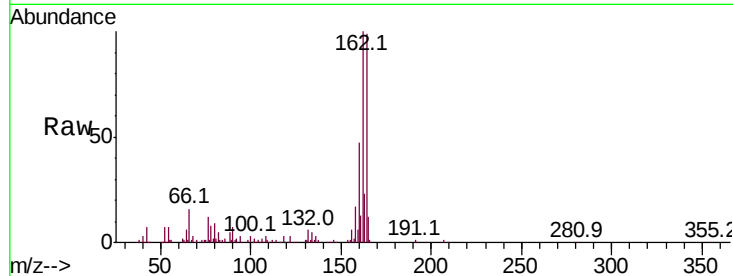




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1933  
Delta R.T. -0.01 min  
Lab File: BM016535.D  
Acq: 23 Aug 2018 01:11

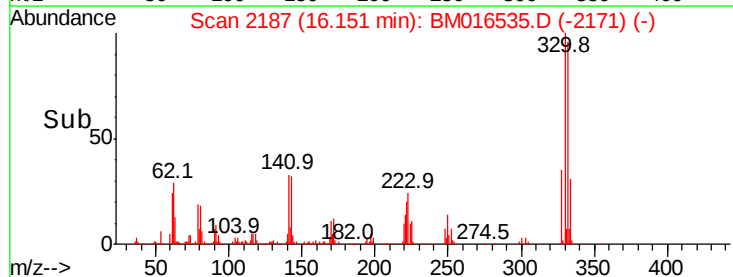
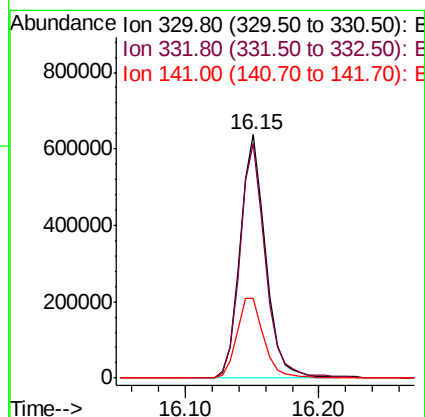
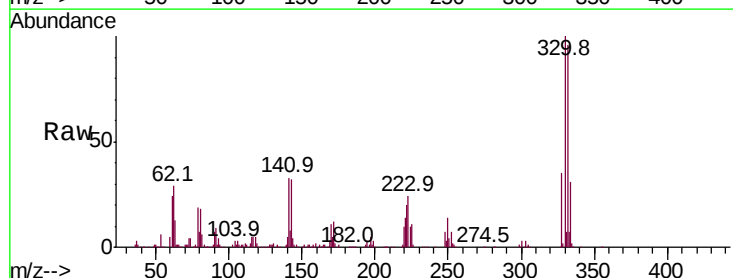
Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.8 | 82.4  | 123.6 |
| 160     | 47.0  | 35.8  | 53.6  |



#41  
2,4,6-Tribromophenol  
Concen: N.D. ng  
RT: 16.15 min Scan# 2187  
Delta R.T. -0.01 min  
Lab File: BM016535.D  
Acq: 23 Aug 2018 01:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 0.0   | 0.0#  |
| 141     | 35.3  | 0.0   | 0.0#  |



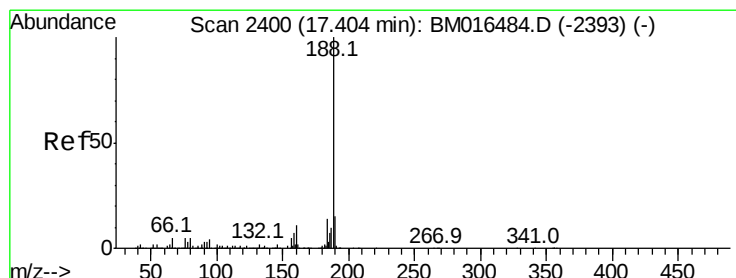
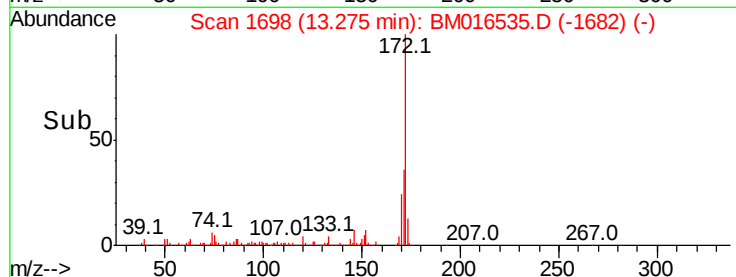
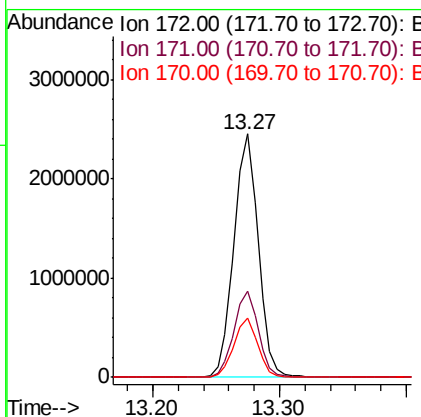
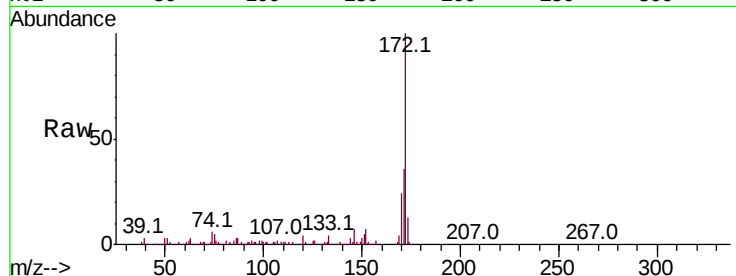


#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.27 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BM016535.D  
 Acq: 23 Aug 2018 01:11

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:172 Resp: 3260418  

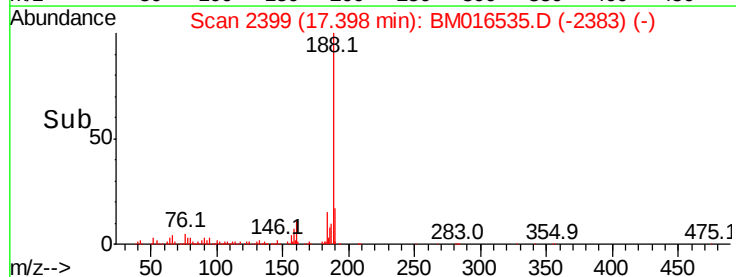
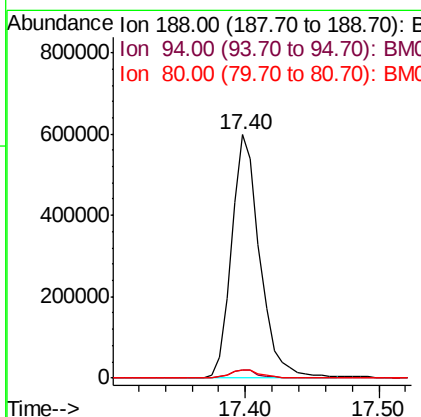
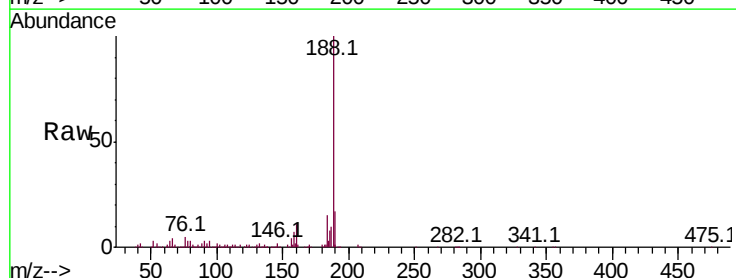
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.5  | 28.5  | 42.7  |
| 170 | 24.2  | 18.8  | 28.2  |

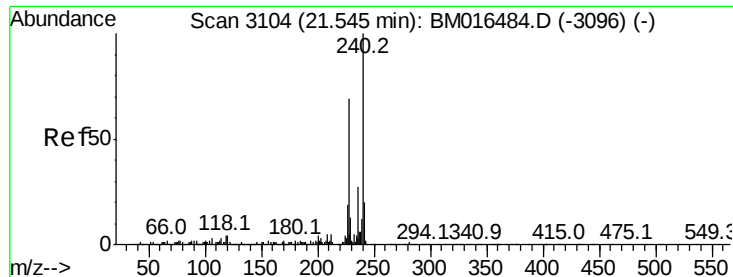


#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.40 min Scan# 2399  
 Delta R.T. -0.01 min  
 Lab File: BM016535.D  
 Acq: 23 Aug 2018 01:11

Tgt Ion:188 Resp: 883877  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 3.1   | 8.7   | 13.1# |
| 80  | 3.1   | 9.3   | 13.9# |

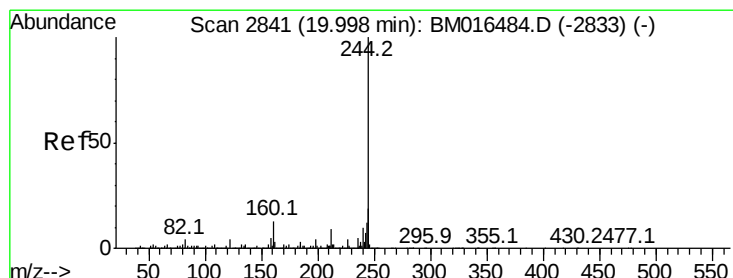
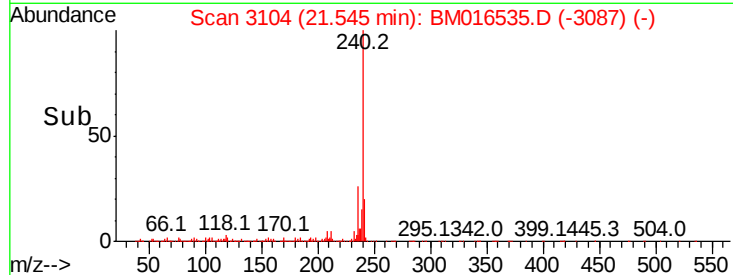
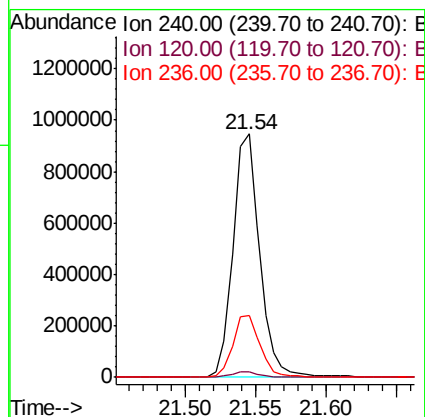
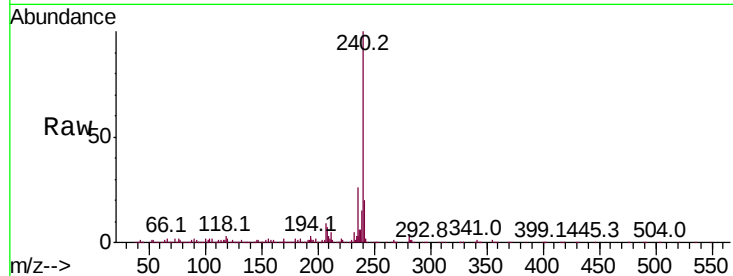




#75  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.54 min Scan# 3104  
 Delta R.T. 0.00 min  
 Lab File: BM016535.D  
 Acq: 23 Aug 2018 01:11

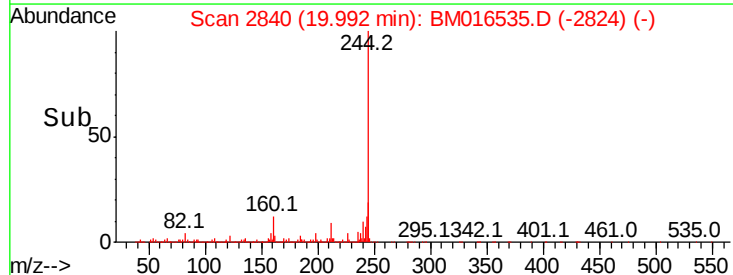
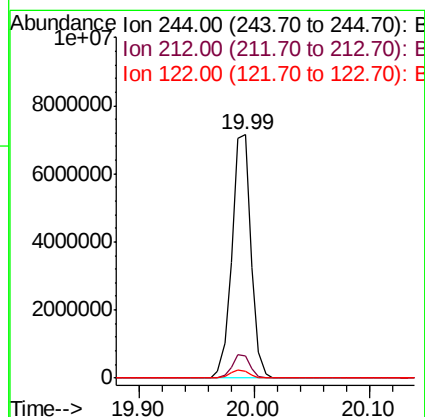
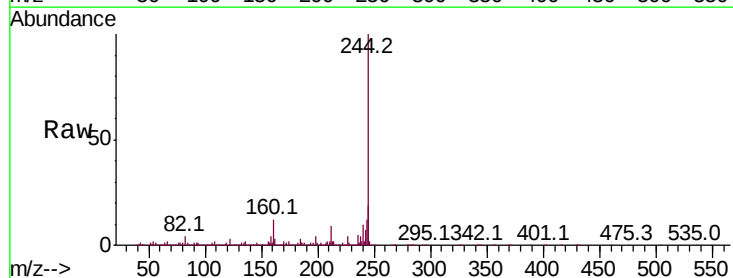
Instrument :  
 BNA\_M  
 ClientSampleId :

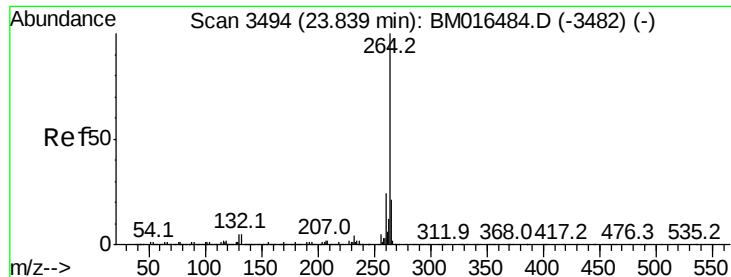
Tot Ion:240 Resp: 1249117  
 Ion Ratio Lower Upper  
 240 100  
 120 2.5 8.2 12.2#  
 236 25.6 20.0 30.0



#78  
 Terphenyl-d14  
 Concen: Below ng  
 RT: 19.99 min Scan# 2840  
 Delta R.T. -0.01 min  
 Lab File: BM016535.D  
 Acq: 23 Aug 2018 01:11

Tgt Ion:244 Resp: 8129552  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 4.9 7.3#  
 122 3.0 6.2 9.4#





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.83 min Scan# 3492  
Delta R.T. -0.01 min  
Lab File: BM016535.D  
Acq: 23 Aug 2018 01:11

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:264 Resp: 1471033  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.5  | 18.6  | 27.8  |
| 265 | 24.1  | 17.3  | 25.9  |

