

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\  
 Data File : BM011048.D  
 Acq On : 28 Jul 2017 18:55  
 Operator : SJ/JU  
 Sample : I4432-02RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-1

Quant Time: Jul 28 22:52:42 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 17:29:06 2017  
 Response via : Initial Calibration

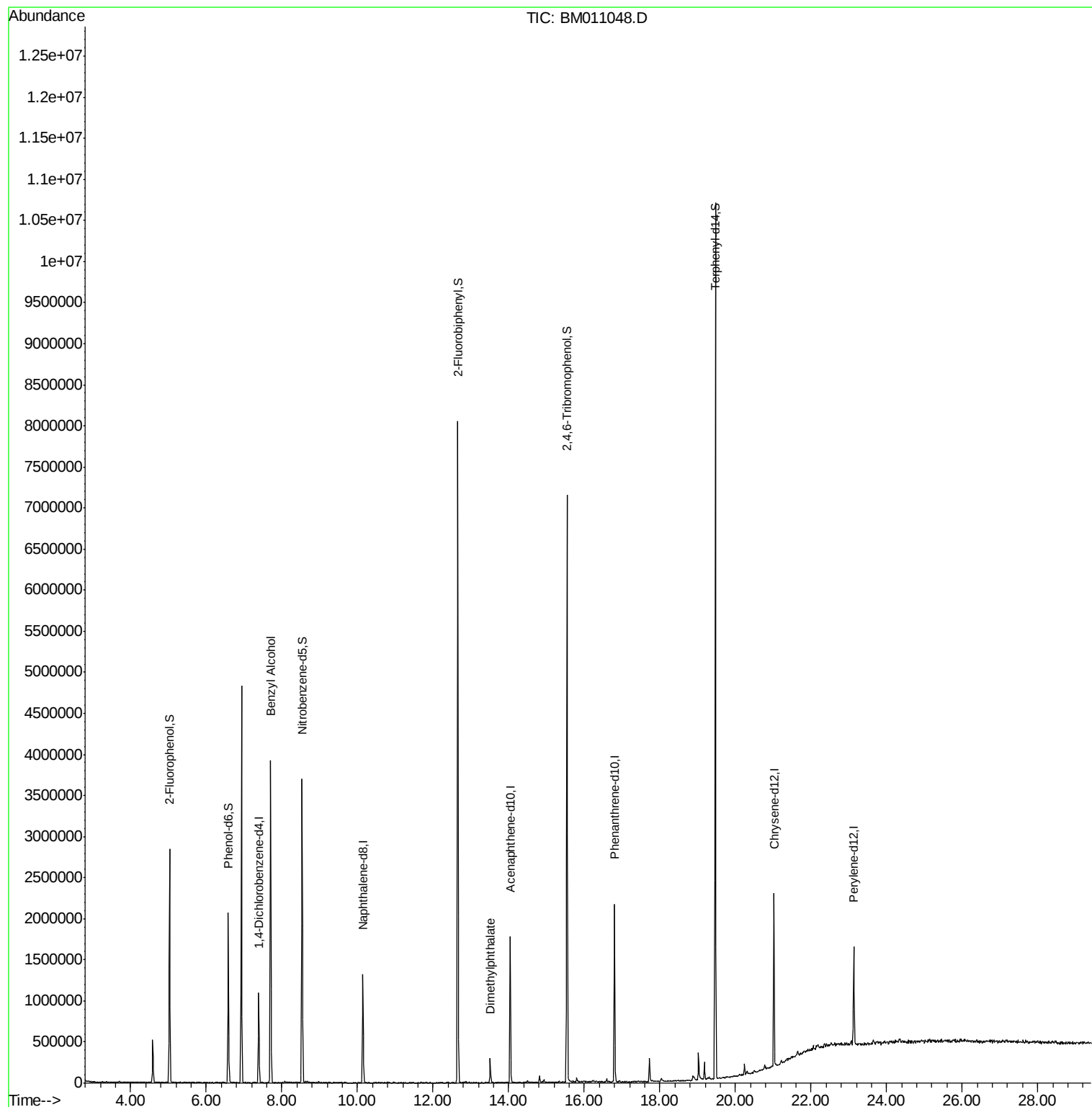
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 214305   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.15 | 136  | 800693   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 14.04 | 164  | 516985   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 16.80 | 188  | 1112217  | 20.00  | ng    | -0.01       |
| 75) Chrysene-d12            | 21.02 | 240  | 974187   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 23.13 | 264  | 820062   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.03  | 112  | 809099   | 63.82  | ng    | 0.00        |
| 7) Phenol-d6                | 6.58  | 99   | 852425   | 47.32  | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 8.53  | 82   | 1987967  | 93.18  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 15.54 | 330  | 950307   | 114.69 | ng    | -0.01       |
| 44) 2-Fluorobiphenyl        | 12.66 | 172  | 3560656  | 86.38  | ng    | 0.00        |
| 78) Terphenyl-d14           | 19.47 | 244  | 4122414  | 83.82  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 15) Benzyl Alcohol          | 7.70  | 79   | 36096    | 2.09   | ng    | Qvalue # 25 |
| 49) Dimethylphthalate       | 13.52 | 163  | 152285   | 3.44   | ng    | 99          |

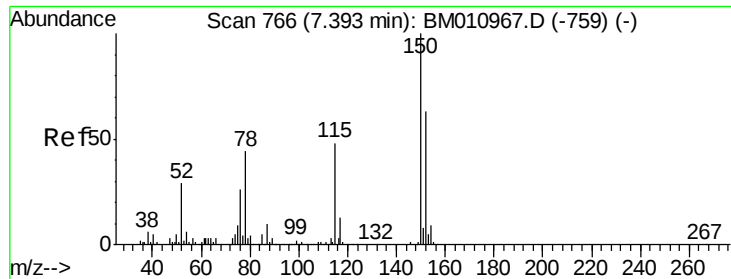
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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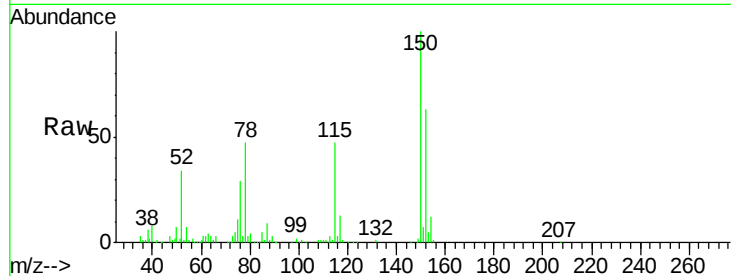


#1

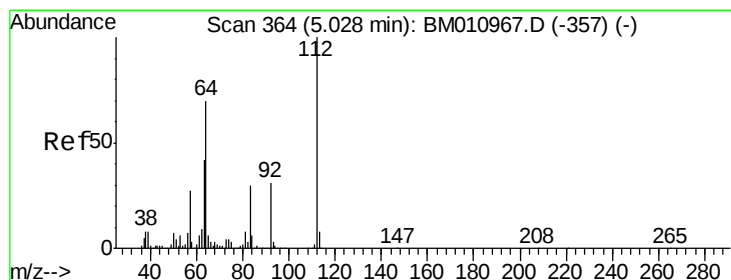
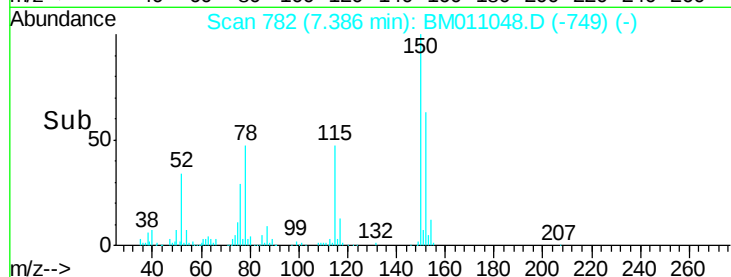
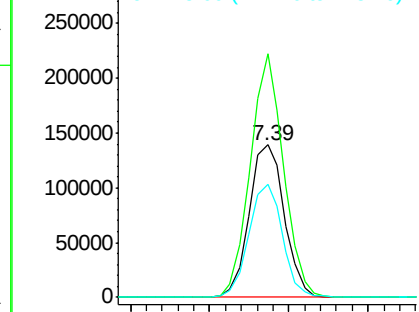
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.39 min Scan# 782  
Delta R.T. -0.01 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

Instrument :  
BNA\_M  
ClientSampleId :  
MW-1

| Tot Ion | 152   | Resp  | 214305 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 152     | 100   |       |        |
| 150     | 159.7 | 119.5 | 179.3  |
| 115     | 74.3  | 43.0  | 64.4   |



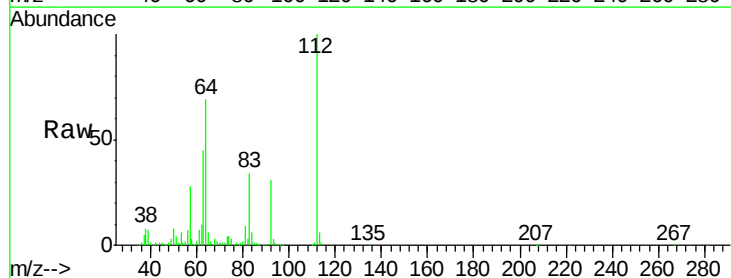
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



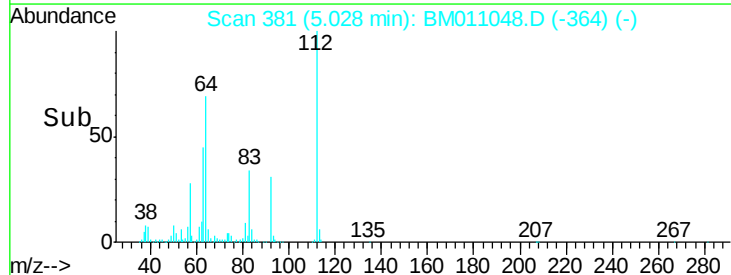
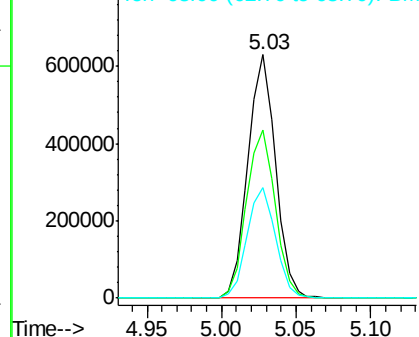
#5

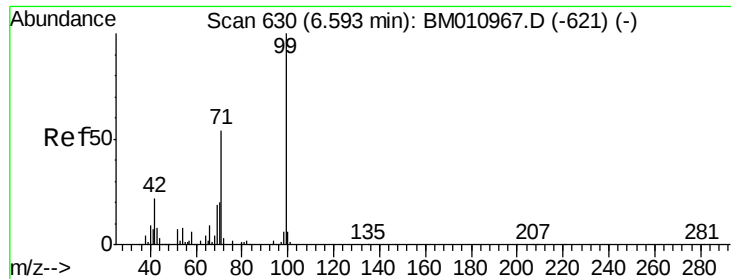
2-Fluorophenol  
Concen: 63.82 ng  
RT: 5.03 min Scan# 381  
Delta R.T. 0.00 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

| Tgt Ion | 112   | Resp  | 809099 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 112     | 100   |       |        |
| 64      | 68.8  | 38.6  | 57.8   |
| 63      | 45.5  | 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: 47.32 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

Instrument :

BNA\_M

ClientSampleId :

MW-1

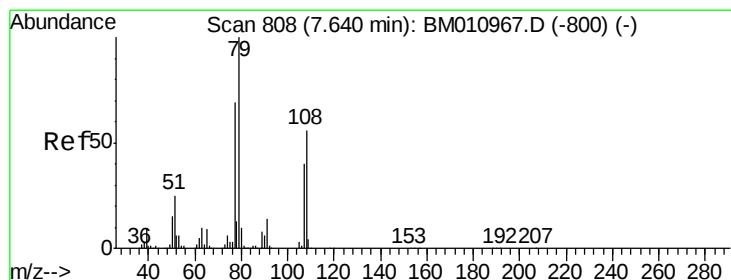
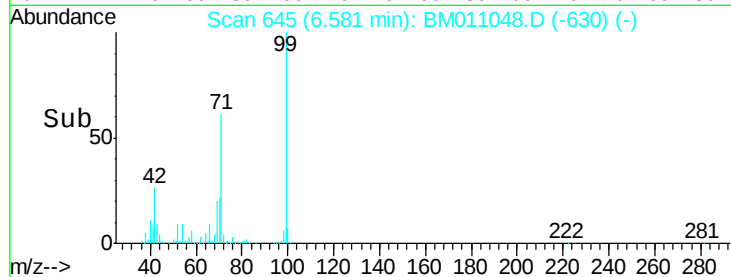
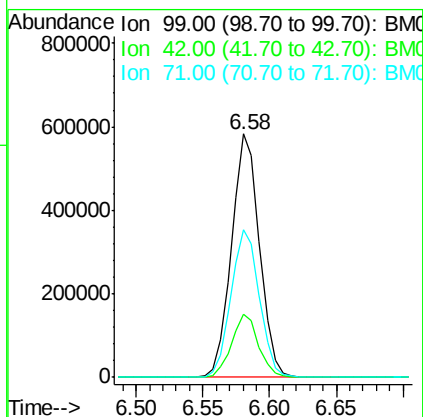
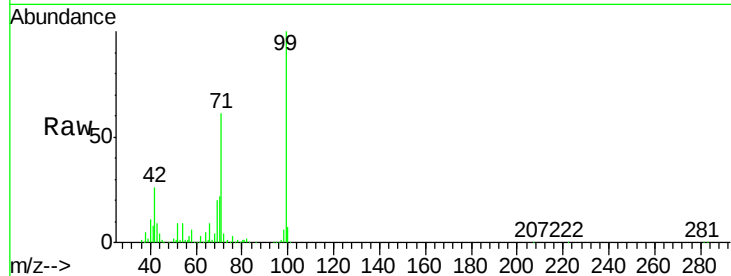
Tot Ion: 99 Resp: 852425

Ion Ratio Lower Upper

99 100

42 25.7 11.0 16.4#

71 60.9 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.70 min Scan# 835

Delta R.T. 0.06 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

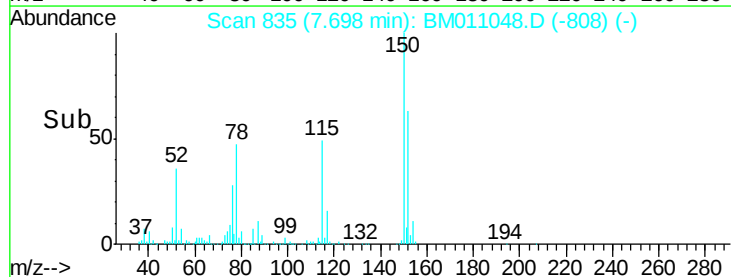
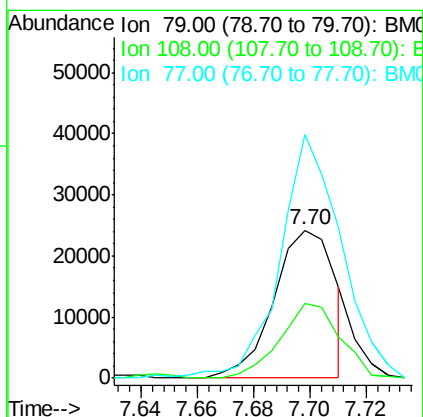
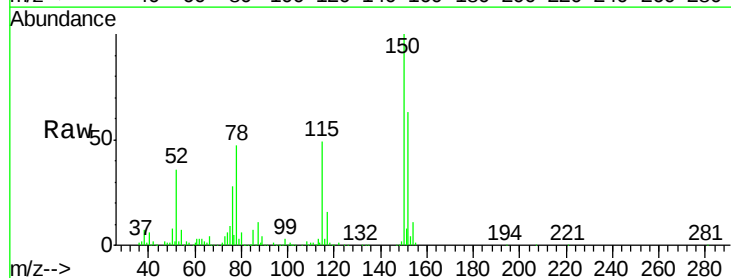
Tgt Ion: 79 Resp: 36096

Ion Ratio Lower Upper

79 100

108 50.3 65.0 97.4#

77 165.0 53.0 79.6#

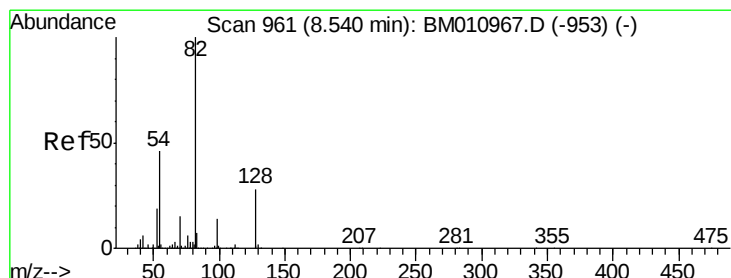
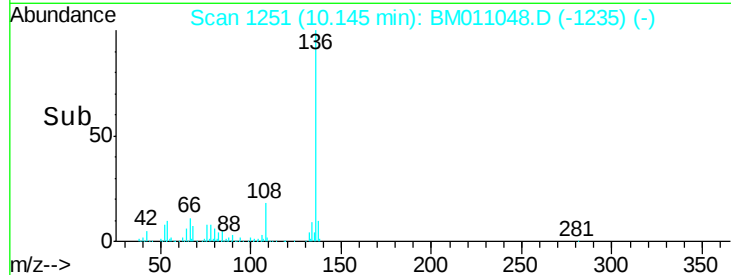
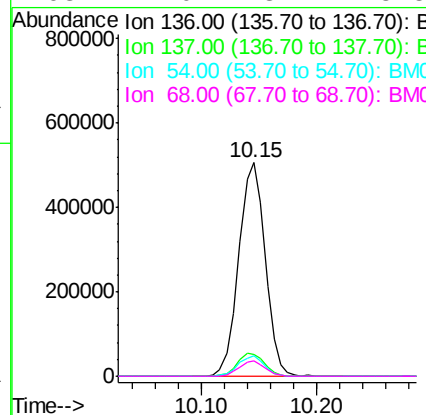
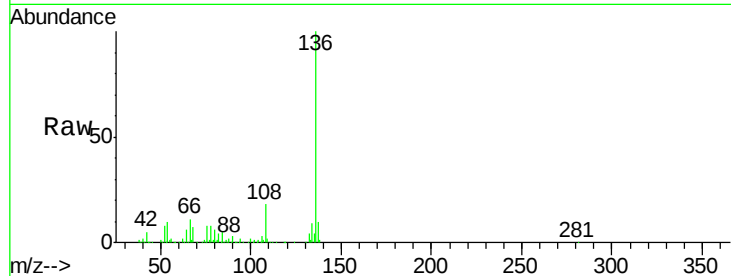




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.15 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

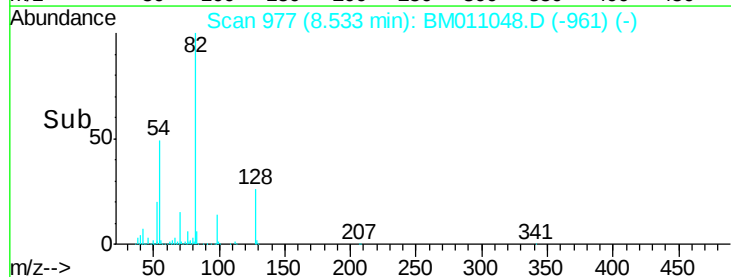
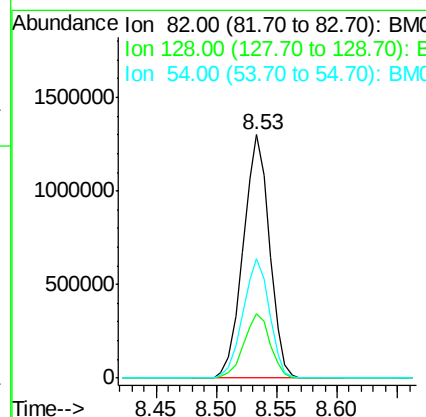
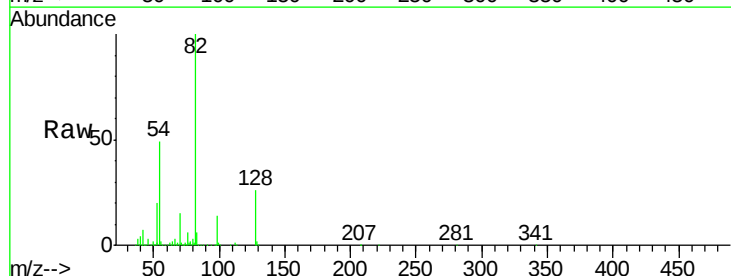
Instrument :  
BNA\_M  
ClientSampleId :  
MW-1

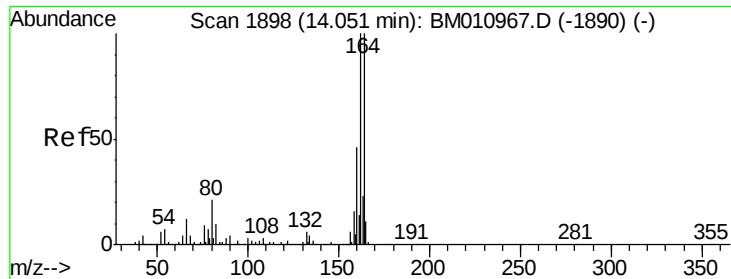
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 800693 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.5    | 8.7   | 13.1   |  |
| 54 9.8      | 4.6   | 6.8#   |  |
| 68 7.0      | 3.7   | 5.5#   |  |



#23  
Nitrobenzene-d5  
Concen: 93.18 ng  
RT: 8.53 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion: 82 | Resp: 1987967 |       |
| Ion | Ratio   | Lower         | Upper |
| 82  | 100     |               |       |
| 128 | 26.3    | 32.8          | 49.2# |
| 54  | 49.0    | 40.6          | 60.8  |

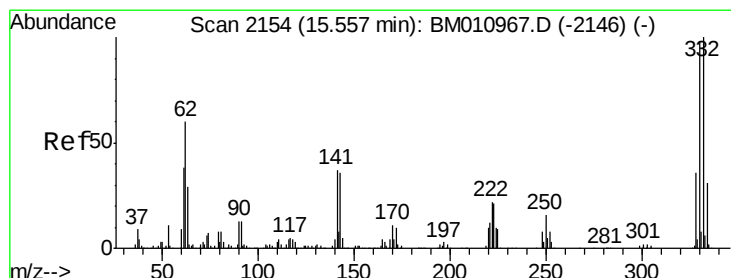
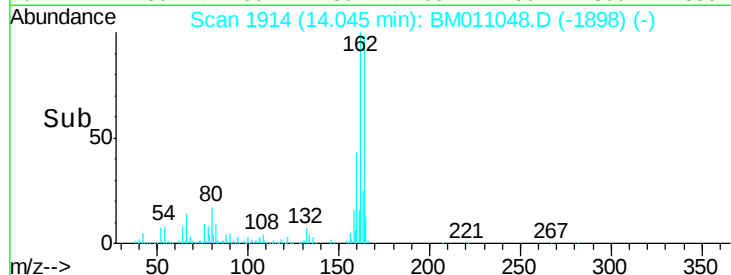
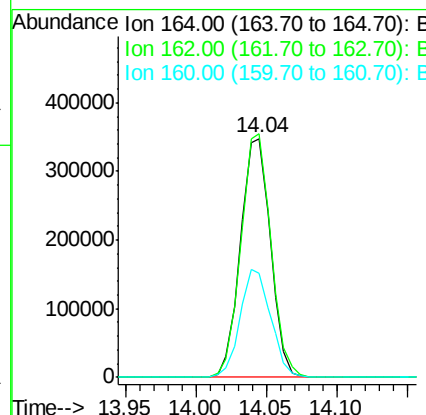
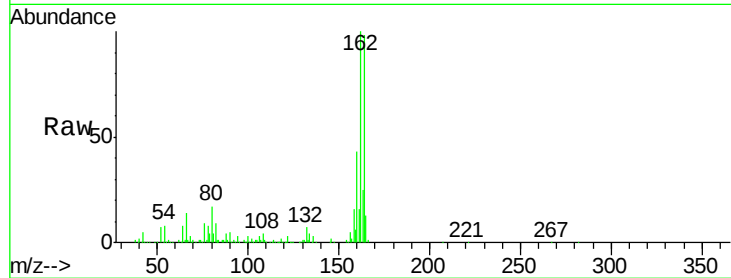




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.04 min Scan# 1914  
 Delta R.T. -0.01 min  
 Lab File: BM011048.D  
 Acq: 28 Jul 2017 18:55

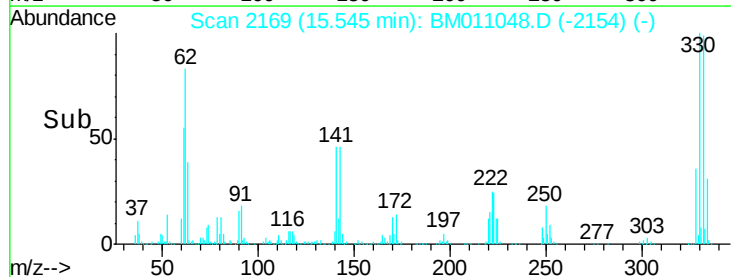
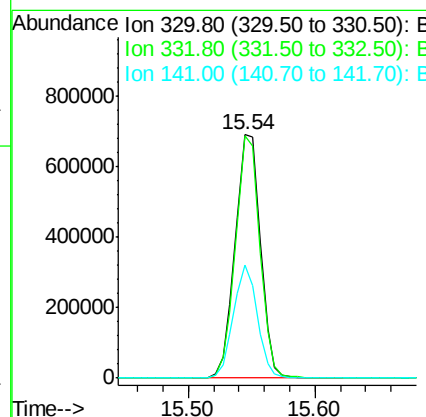
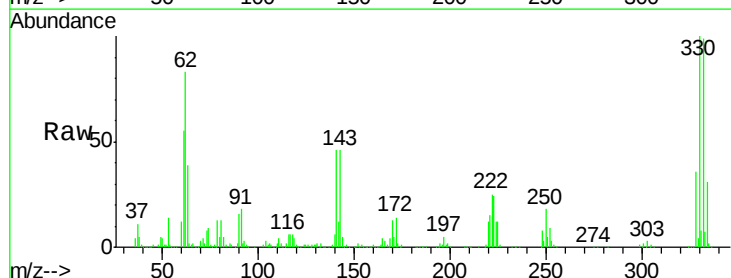
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-1

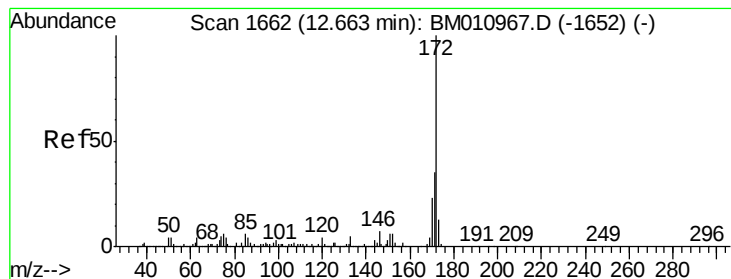
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.9 | 82.4  | 123.6 |
| 160     | 43.7  | 35.8  | 53.6  |



#41  
 2,4,6-Tribromophenol  
 Concen: 114.69 ng  
 RT: 15.54 min Scan# 2169  
 Delta R.T. -0.01 min  
 Lab File: BM011048.D  
 Acq: 28 Jul 2017 18:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 0.0   | 0.0#  |
| 141     | 44.0  | 0.0   | 0.0#  |

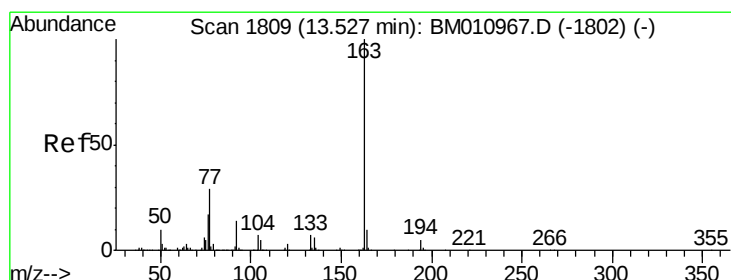
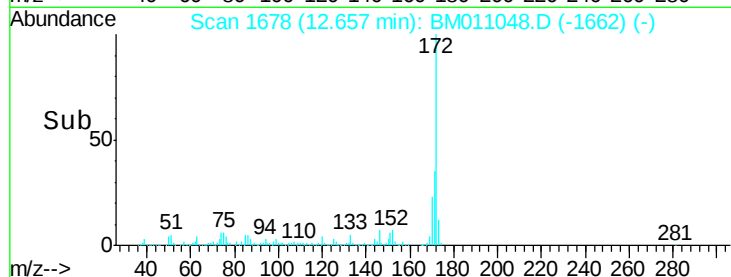
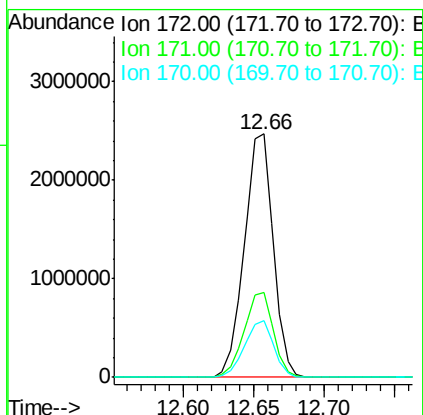
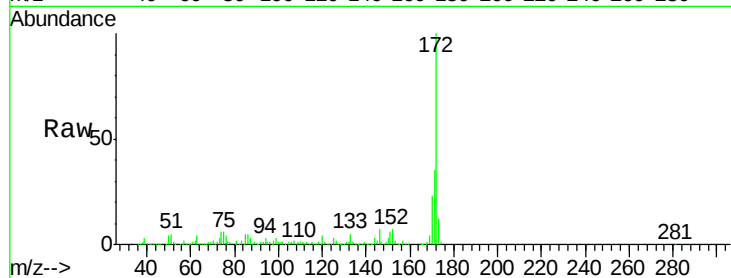




#44  
2-Fluorobiphenyl  
Concen: 86.38 ng  
RT: 12.66 min Scan# 1678  
Delta R.T. -0.01 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

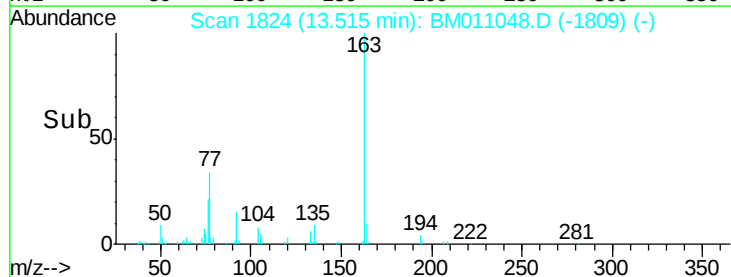
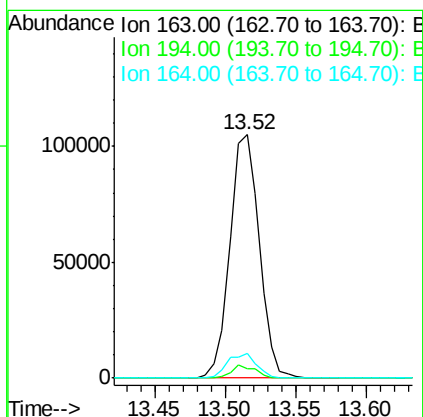
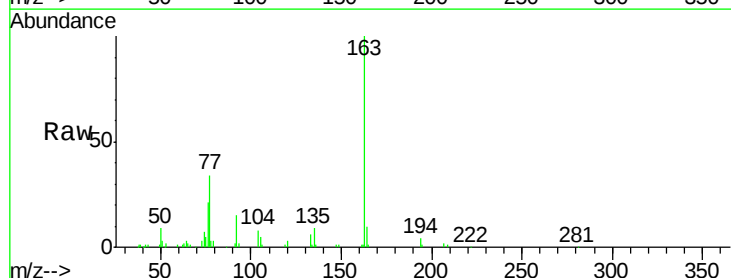
Instrument :  
BNA\_M  
ClientSampleId :  
MW-1

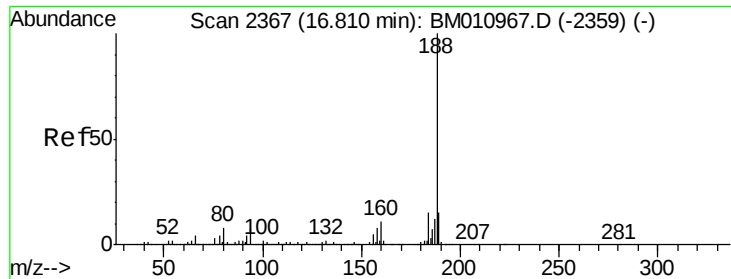
Tot Ion:172 Resp: 3560656  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.5 42.7  
170 23.1 18.8 28.2



#49  
Dimethylphthalate  
Concen: 3.44 ng  
RT: 13.52 min Scan# 1824  
Delta R.T. -0.01 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

Tgt Ion:163 Resp: 152285  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.7 4.1  
164 10.3 8.2 12.2

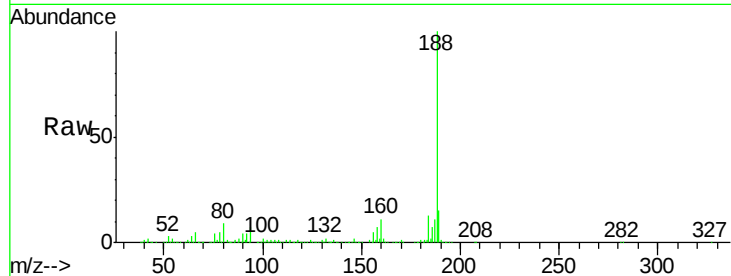




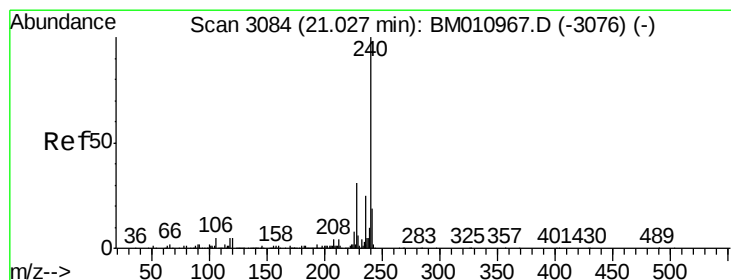
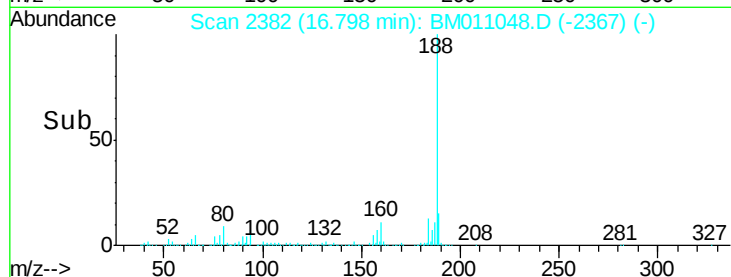
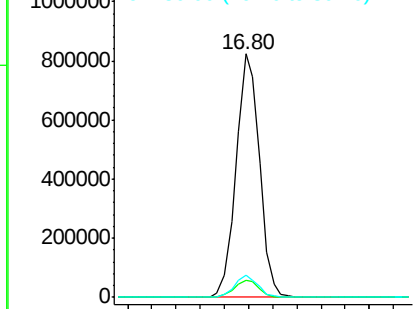
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.80 min Scan# 2382  
Delta R.T. -0.01 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

Instrument :  
BNA\_M  
ClientSampled :  
MW-1

Tot Ion:188 Resp: 1112217  
Ion Ratio Lower Upper  
188 100  
94 7.0 8.7 13.1#  
80 9.0 9.3 13.9#

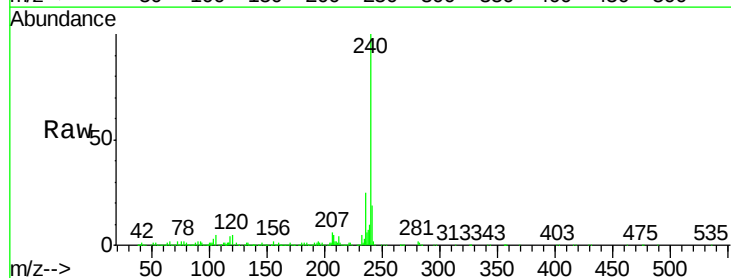


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM0  
Ion 80.00 (79.70 to 80.70): BM0

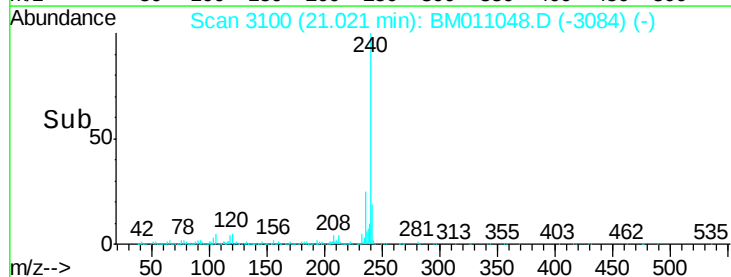
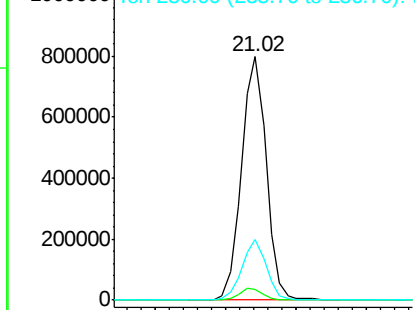


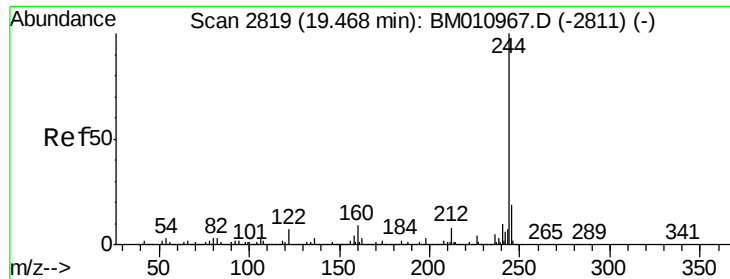
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.02 min Scan# 3100  
Delta R.T. -0.01 min  
Lab File: BM011048.D  
Acq: 28 Jul 2017 18:55

Tgt Ion:240 Resp: 974187  
Ion Ratio Lower Upper  
240 100  
120 4.6 8.2 12.2#  
236 24.7 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: 83.82 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

Instrument :

BNA\_M

ClientSampled :

MW-1

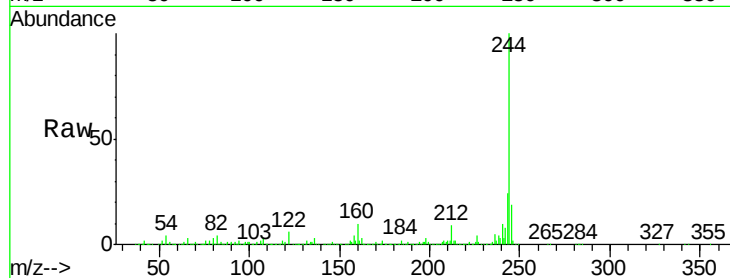
Tot Ion:244 Resp: 4122414

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

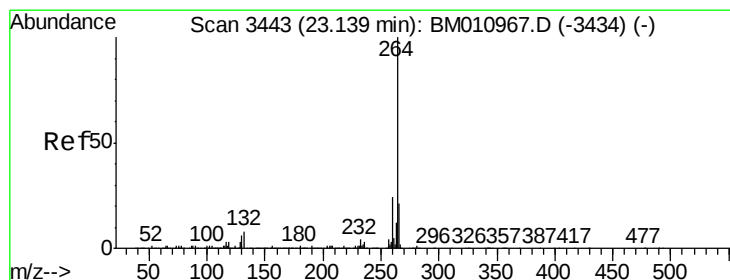
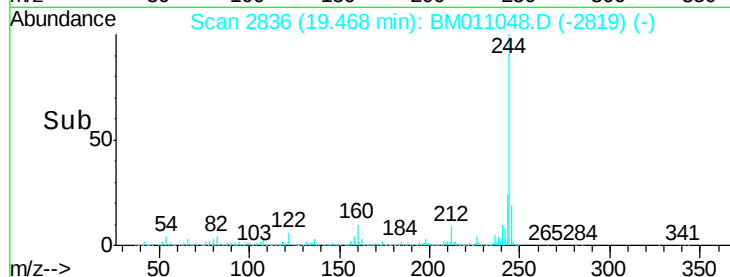
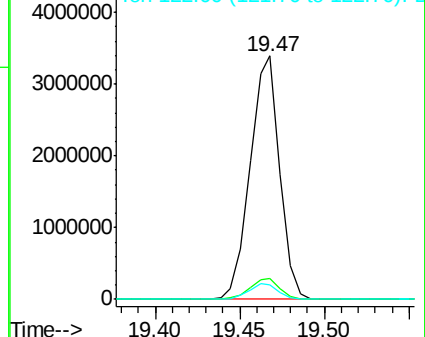
122 6.1 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

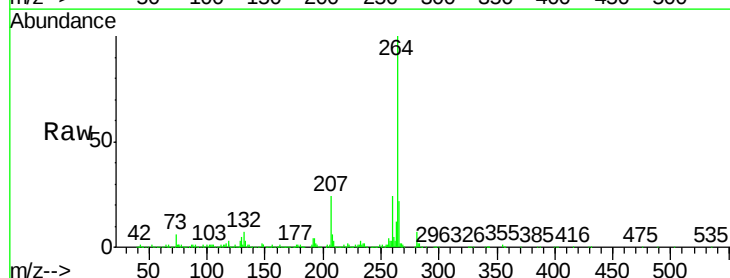
Tgt Ion:264 Resp: 820062

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.1 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

