

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\  
 Data File : BM011067.D  
 Acq On : 31 Jul 2017 14:42  
 Operator : SJ/JU  
 Sample : I4476-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-8-LENOX-AVE

Quant Time: Aug 01 01:02:25 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

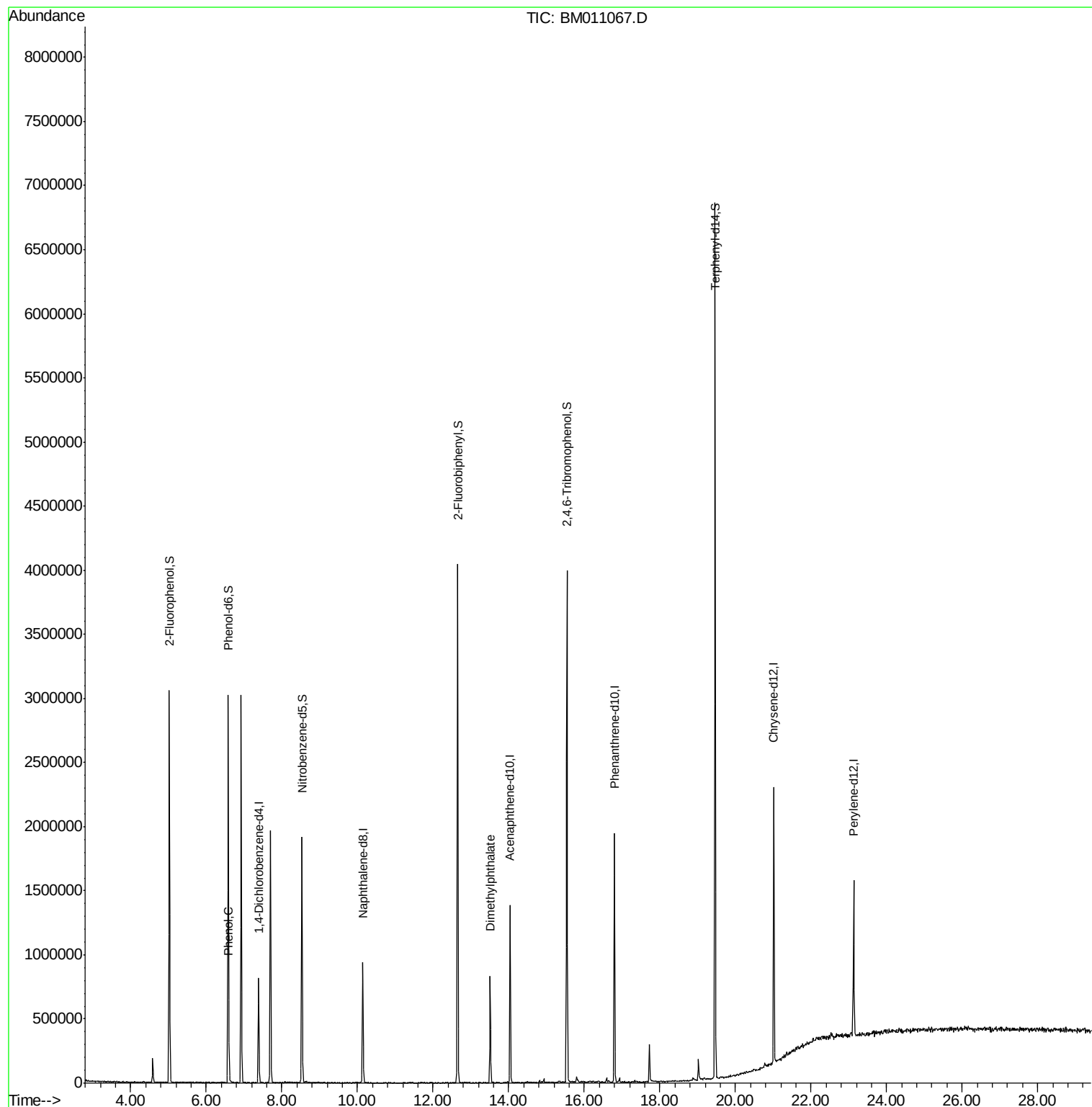
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 148509   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.14 | 136  | 562874   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 14.04 | 164  | 382294   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 16.80 | 188  | 944111   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 21.02 | 240  | 982971   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 23.13 | 264  | 831089   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.02  | 112  | 854284   | 97.24 | ng    | 0.00     |
| 7) Phenol-d6                | 6.58  | 99   | 1198780  | 96.04 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.53  | 82   | 1017083  | 67.82 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 15.54 | 330  | 539990   | 88.13 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 12.65 | 172  | 1716578  | 56.31 | ng    | -0.01    |
| 78) Terphenyl-d14           | 19.46 | 244  | 2431838  | 49.01 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.60  | 94   | 65279    | 4.81  | ng    | 98       |
| 49) Dimethylphthalate       | 13.51 | 163  | 396787   | 12.13 | ng    | # 99     |

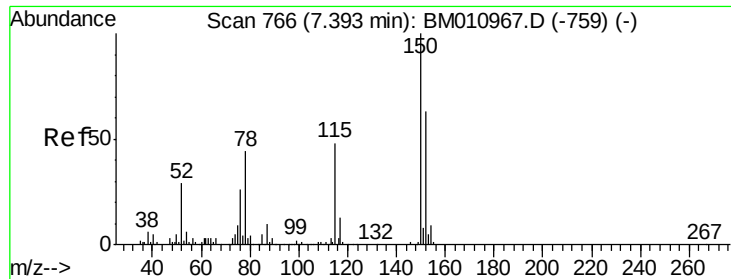
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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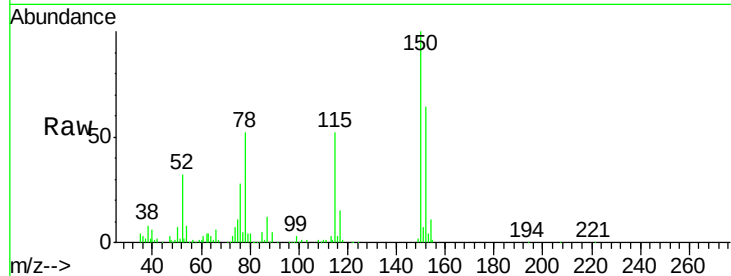


#1

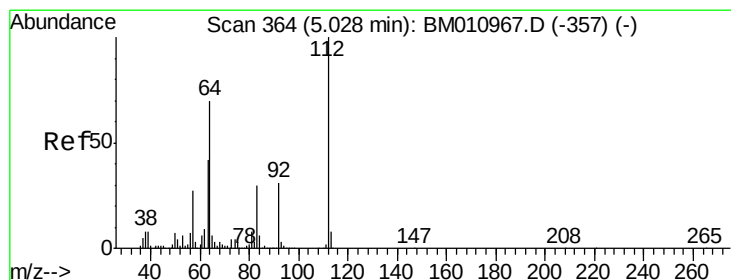
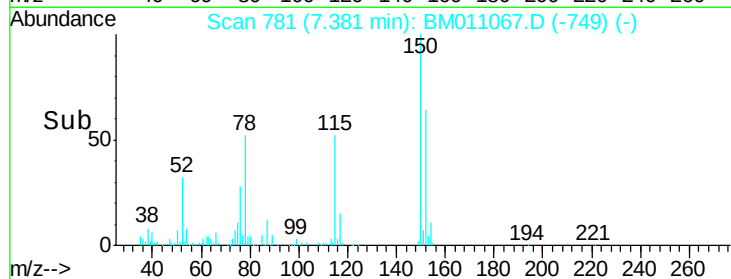
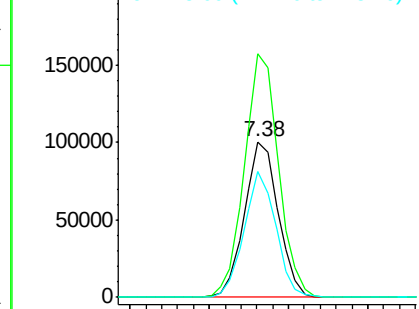
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.38 min Scan# 781  
Delta R.T. -0.01 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

Instrument :  
BNA\_M  
ClientSampleId :  
TP-8-LENOX-AVE

Tot Ion:152 Resp: 148509  
Ion Ratio Lower Upper  
152 100  
150 156.4 119.5 179.3  
115 81.1 43.0 64.4#



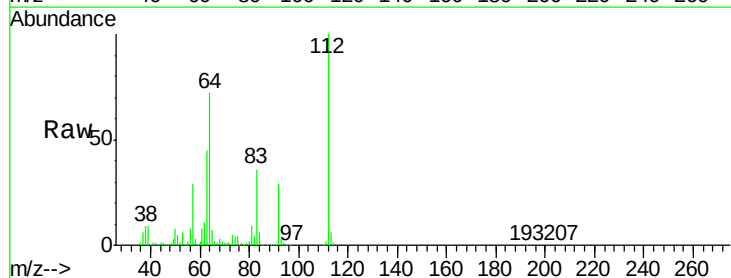
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



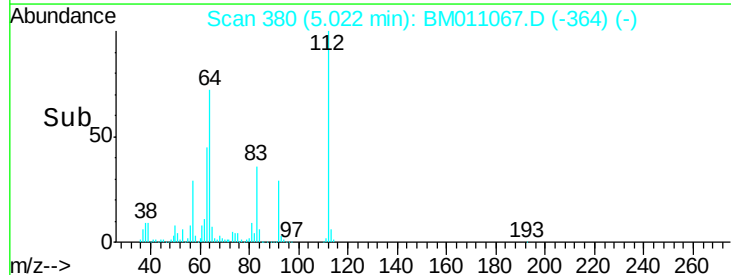
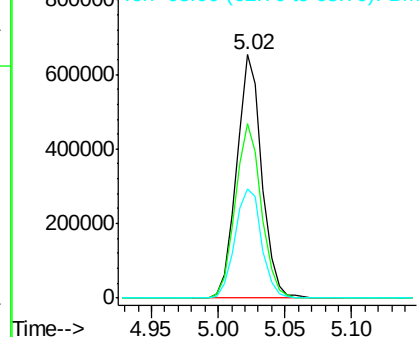
#5

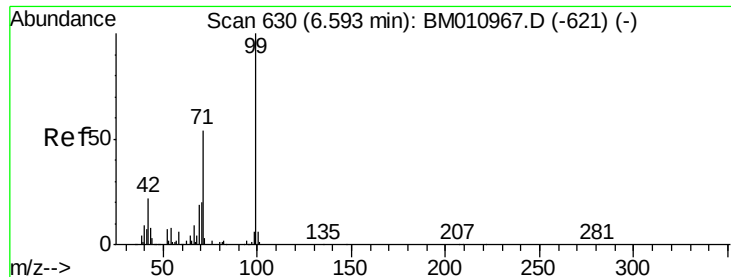
2-Fluorophenol  
Concen: 97.24 ng  
RT: 5.02 min Scan# 380  
Delta R.T. -0.00 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

Tgt Ion:112 Resp: 854284  
Ion Ratio Lower Upper  
112 100  
64 71.6 38.6 57.8#  
63 44.7 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: 96.04 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011067.D

Acq: 31 Jul 2017 14:42

Instrument :

BNA\_M

ClientSampleId :

TP-8-LENOX-AVE

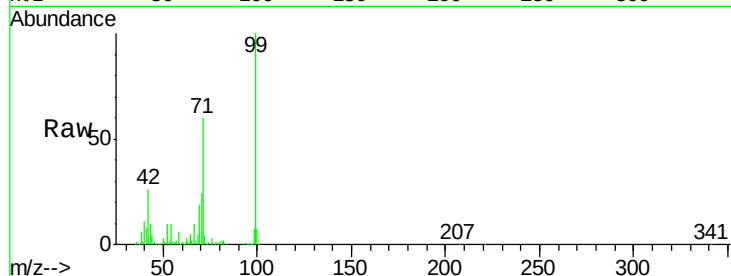
Tot Ion: 99 Resp: 1198780

Ion Ratio Lower Upper

99 100

42 25.6 11.0 16.4#

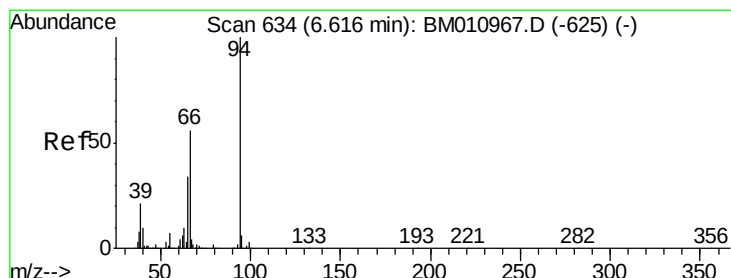
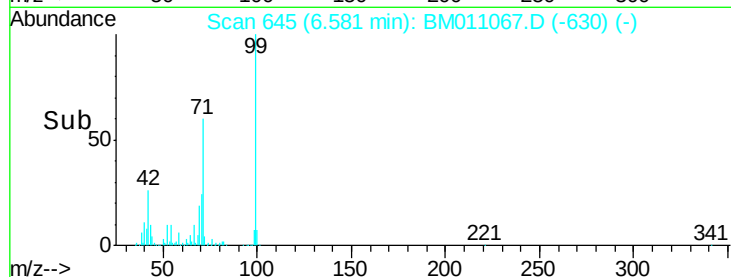
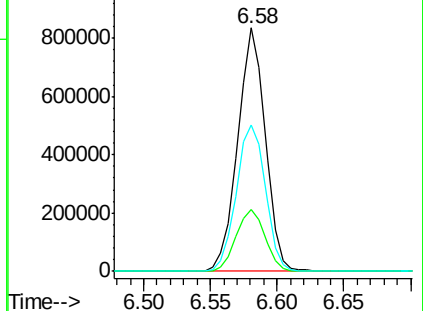
71 60.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011067.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011067.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011067.D (-630) (-)



#10

Phenol

Concen: 4.81 ng

RT: 6.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM011067.D

Acq: 31 Jul 2017 14:42

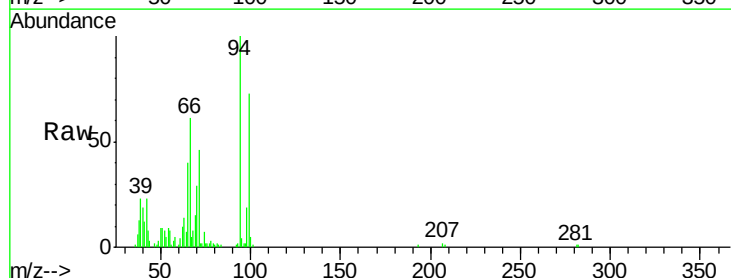
Tgt Ion: 94 Resp: 65279

Ion Ratio Lower Upper

94 100

65 39.9 18.8 58.8

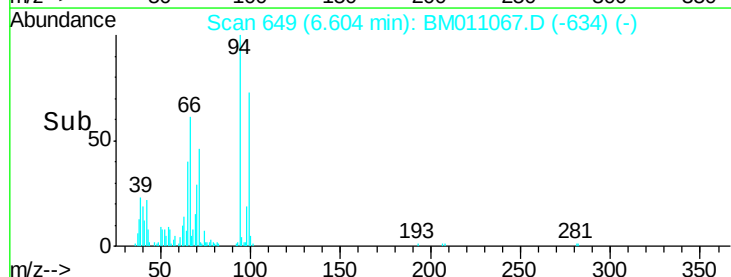
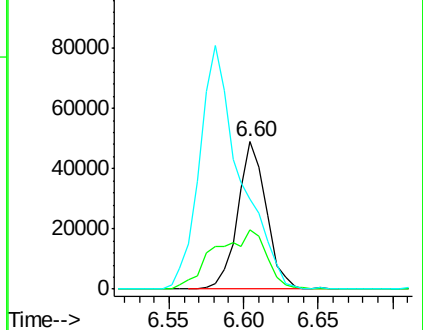
66 61.2 39.9 79.9

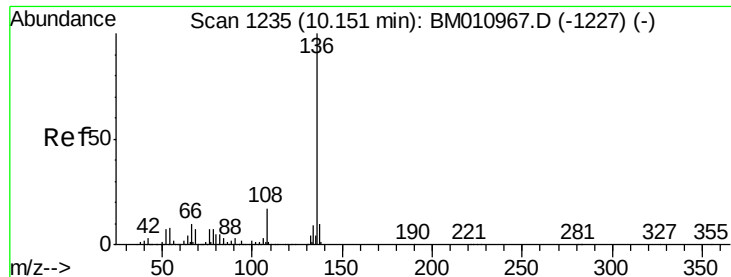


Abundance Ion 94.00 (93.70 to 94.70): BM011067.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM011067.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM011067.D (-634) (-)

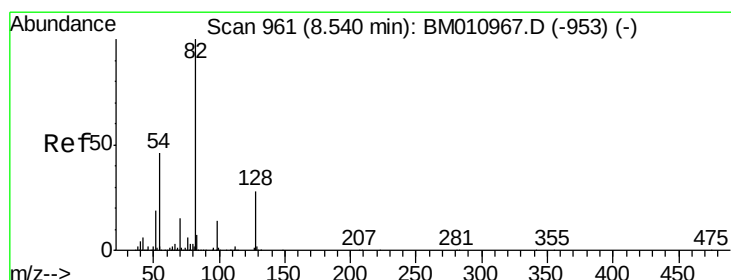
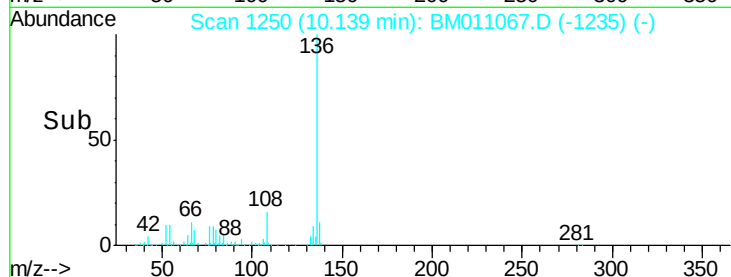
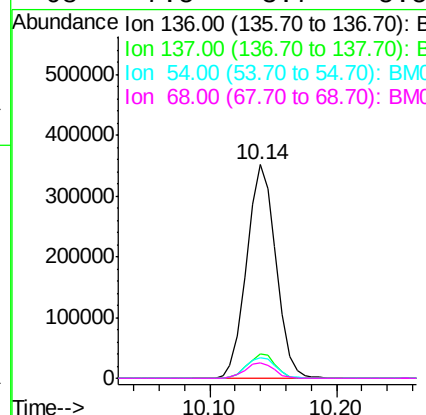
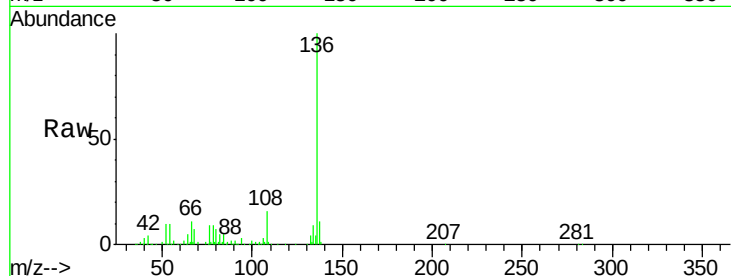




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.14 min Scan# 1250  
Delta R.T. -0.01 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

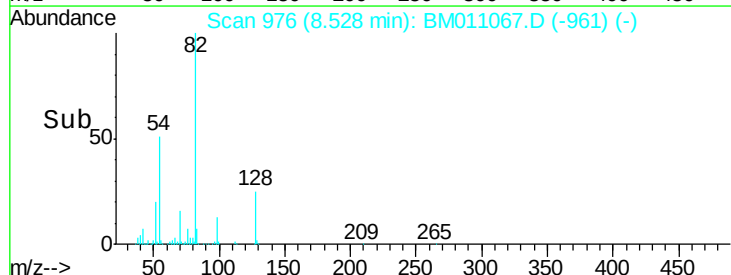
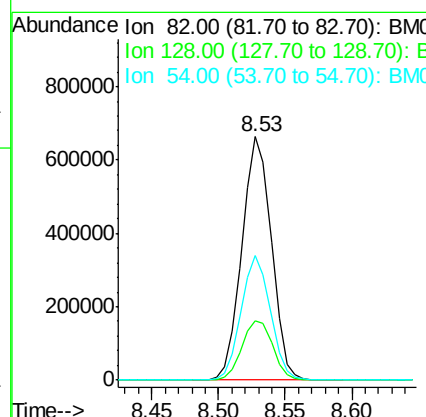
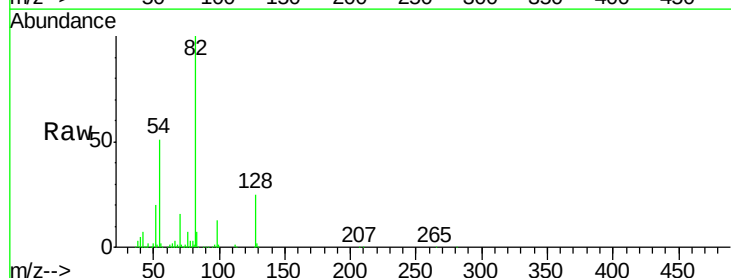
Instrument :  
BNA\_M  
ClientSampleId :  
TP-8-LENOX-AVE

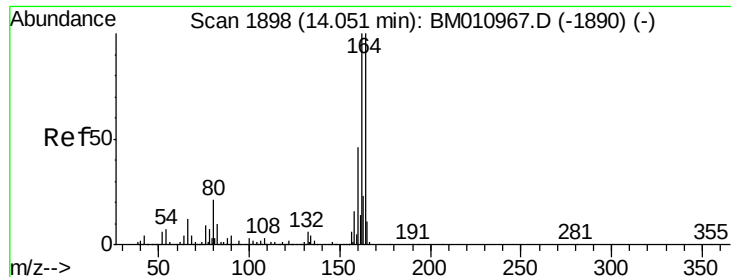
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 562874 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.5    | 8.7   | 13.1   |  |
| 54 9.8      | 4.6   | 6.8#   |  |
| 68 7.5      | 3.7   | 5.5#   |  |



#23  
Nitrobenzene-d5  
Concen: 67.82 ng  
RT: 8.53 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion: 82 | Resp: 1017083 |       |
| Ion | Ratio   | Lower         | Upper |
| 82  | 100     |               |       |
| 128 | 24.5    | 32.8          | 49.2# |
| 54  | 50.9    | 40.6          | 60.8  |

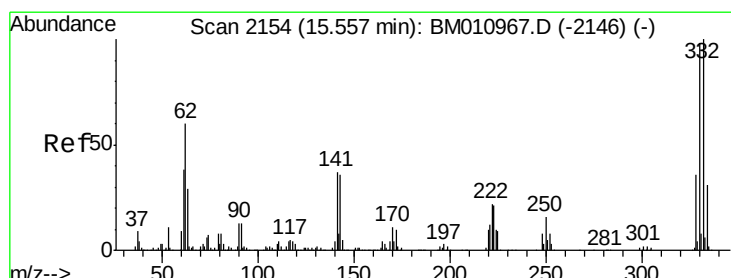
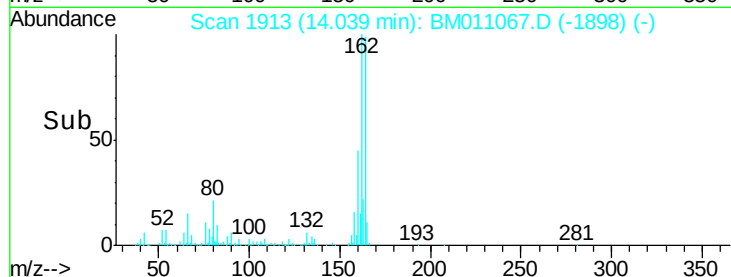
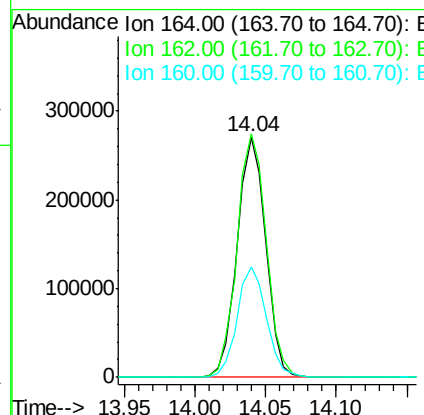
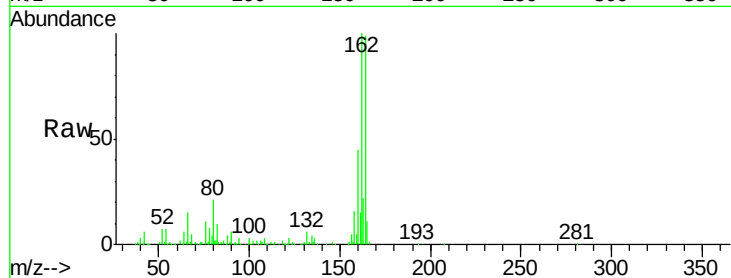




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.04 min Scan# 1913  
 Delta R.T. -0.01 min  
 Lab File: BM011067.D  
 Acq: 31 Jul 2017 14:42

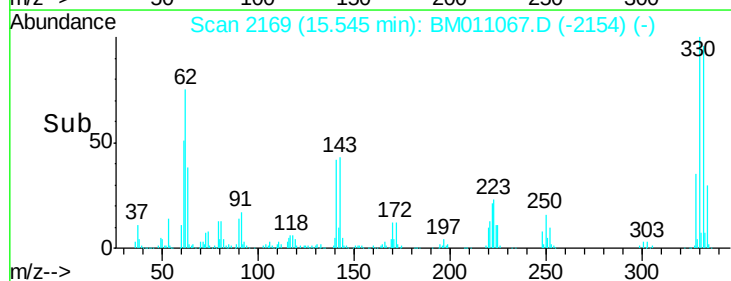
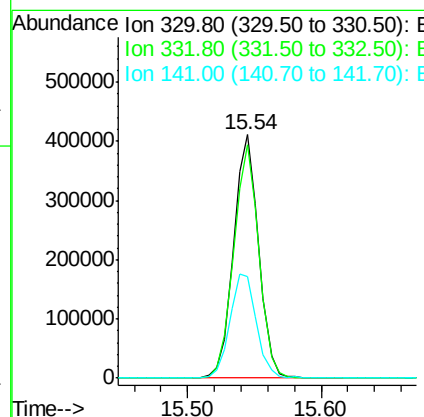
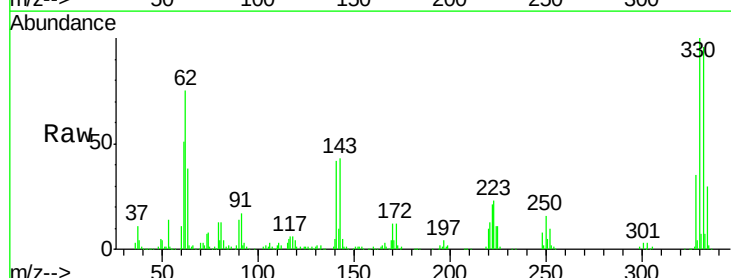
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-8-LENOX-AVE

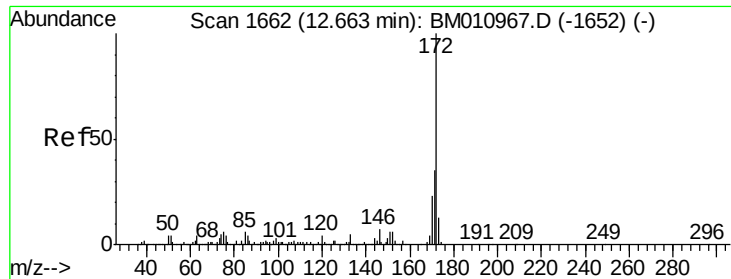
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 82.4  | 123.6 |
| 160     | 46.1  | 35.8  | 53.6  |



#41  
 2,4,6-Tribromophenol  
 Concen: 88.13 ng  
 RT: 15.54 min Scan# 2169  
 Delta R.T. -0.01 min  
 Lab File: BM011067.D  
 Acq: 31 Jul 2017 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 0.0   | 0.0#  |
| 141     | 45.5  | 0.0   | 0.0#  |

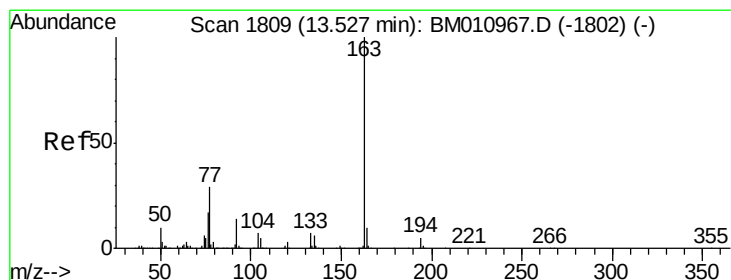
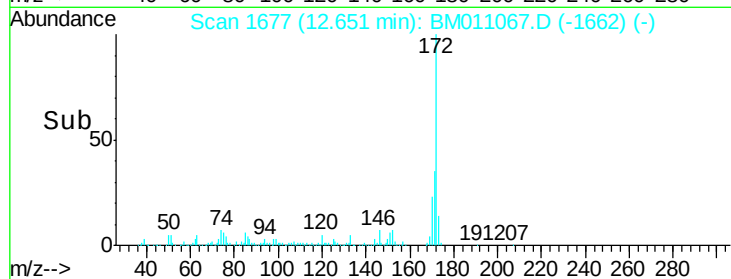
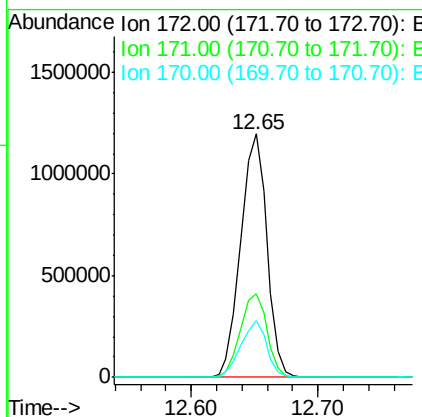
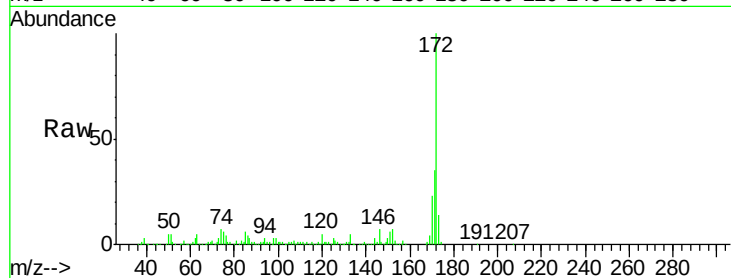




#44  
2-Fluorobiphenyl  
Concen: 56.31 ng  
RT: 12.65 min Scan# 1677  
Delta R.T. -0.01 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

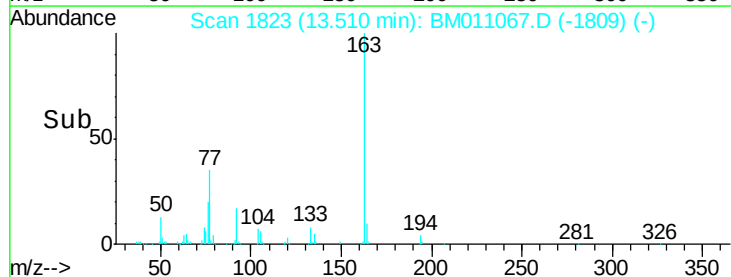
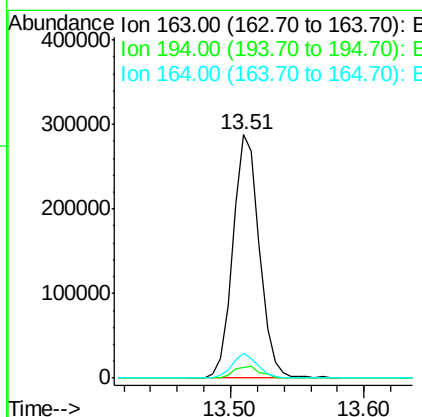
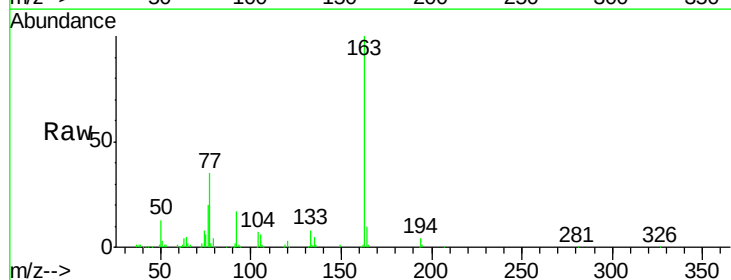
Instrument :  
BNA\_M  
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TP-8-LENOX-AVE

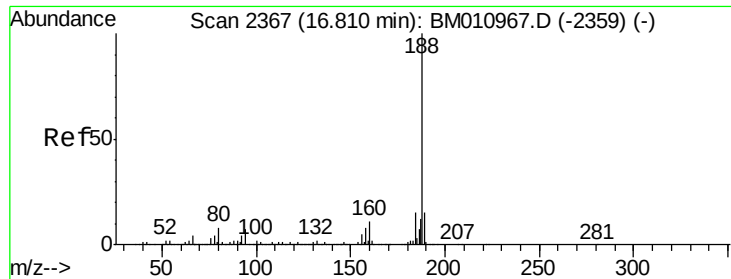
Tot Ion:172 Resp: 1716578  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.5 42.7  
170 23.4 18.8 28.2



#49  
Dimethylphthalate  
Concen: 12.13 ng  
RT: 13.51 min Scan# 1823  
Delta R.T. -0.02 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

Tgt Ion:163 Resp: 396787  
Ion Ratio Lower Upper  
163 100  
194 4.1 2.7 4.1#  
164 9.9 8.2 12.2

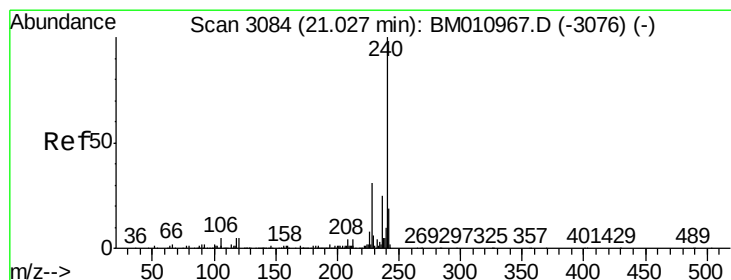
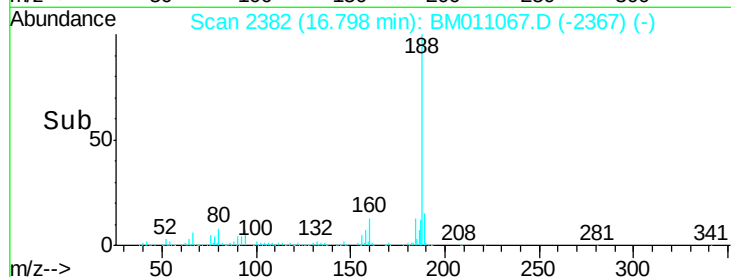
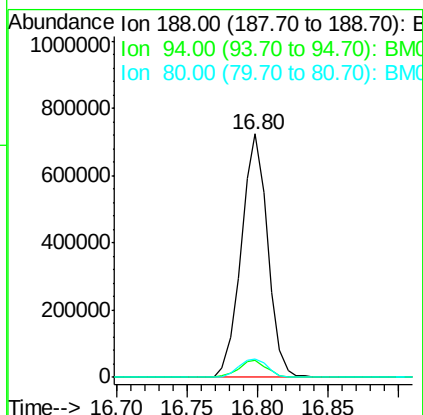
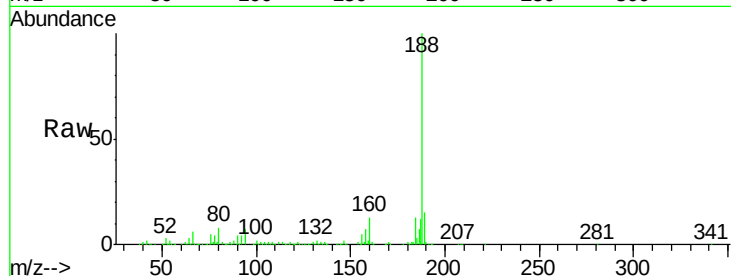




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.80 min Scan# 2382  
Delta R.T. -0.01 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

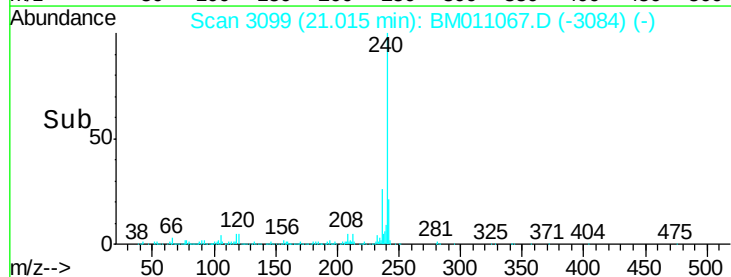
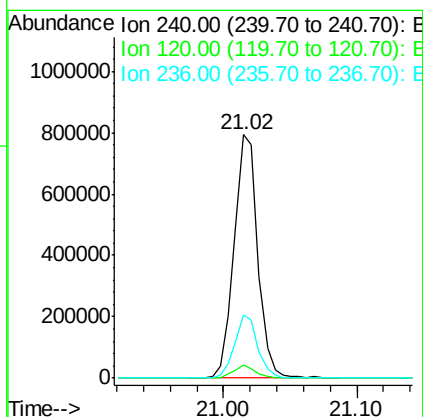
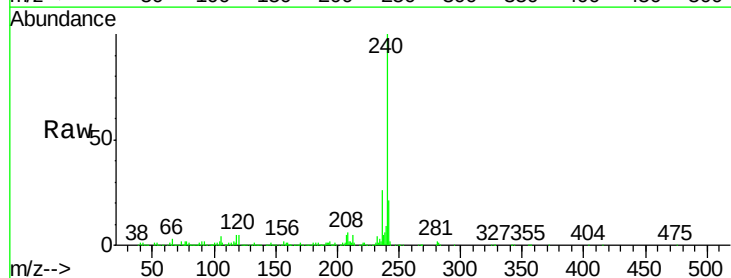
Instrument :  
BNA\_M  
ClientSampleId :  
TP-8-LENOX-AVE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.1   | 8.7   | 13.1# |
| 80      | 7.6   | 9.3   | 13.9# |

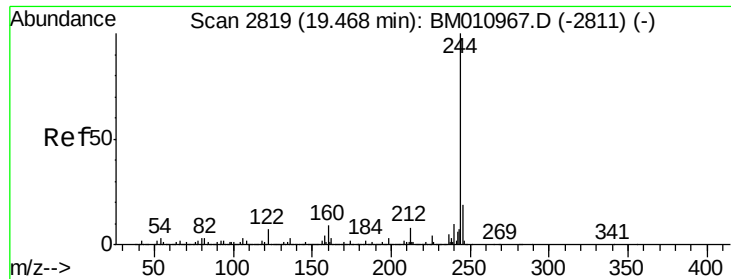


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.02 min Scan# 3099  
Delta R.T. -0.01 min  
Lab File: BM011067.D  
Acq: 31 Jul 2017 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.4   | 8.2   | 12.2# |
| 236     | 26.1  | 20.0  | 30.0  |







#78

Terphenyl-d14

Concen: 49.01 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011067.D

Acq: 31 Jul 2017 14:42

Instrument :

BNA\_M

ClientSampleId :

TP-8-LENOX-AVE

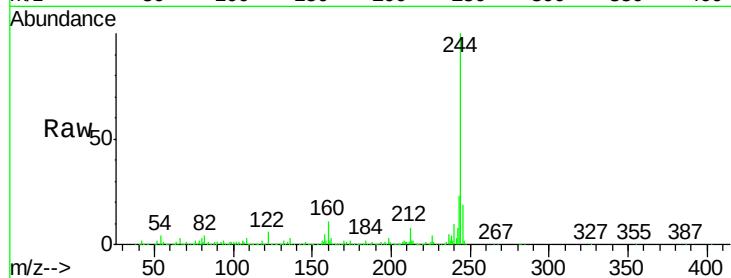
Tot Ion:244 Resp: 2431838

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

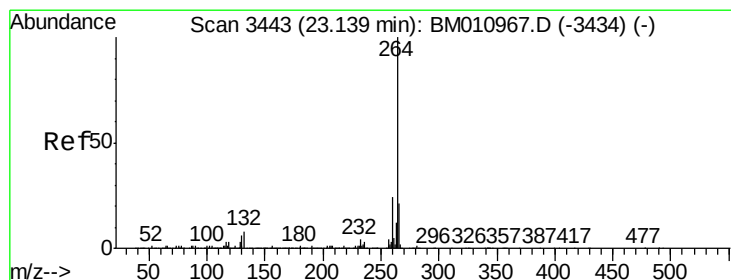
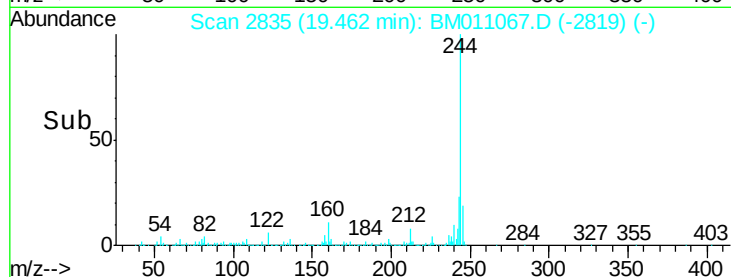
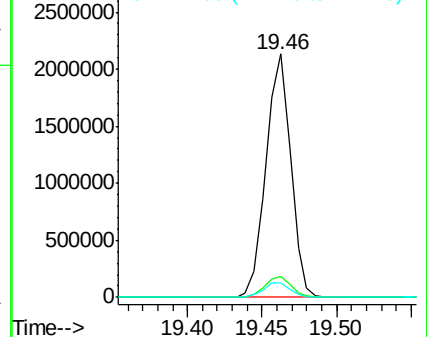
122 6.0 6.2 9.4#



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# 3458

Delta R.T. -0.01 min

Lab File: BM011067.D

Acq: 31 Jul 2017 14:42

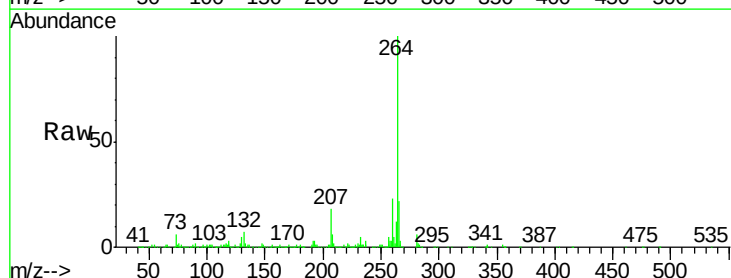
Tgt Ion:264 Resp: 831089

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.7 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

