

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\  
 Data File : BM018642.D  
 Acq On : 18 Jan 2019 18:13  
 Operator : JU/SJ  
 Sample : K1188-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 S1-FRONT-HOUSE-7

Quant Time: Jan 18 22:08:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 22:01:30 2019  
 Response via : Initial Calibration

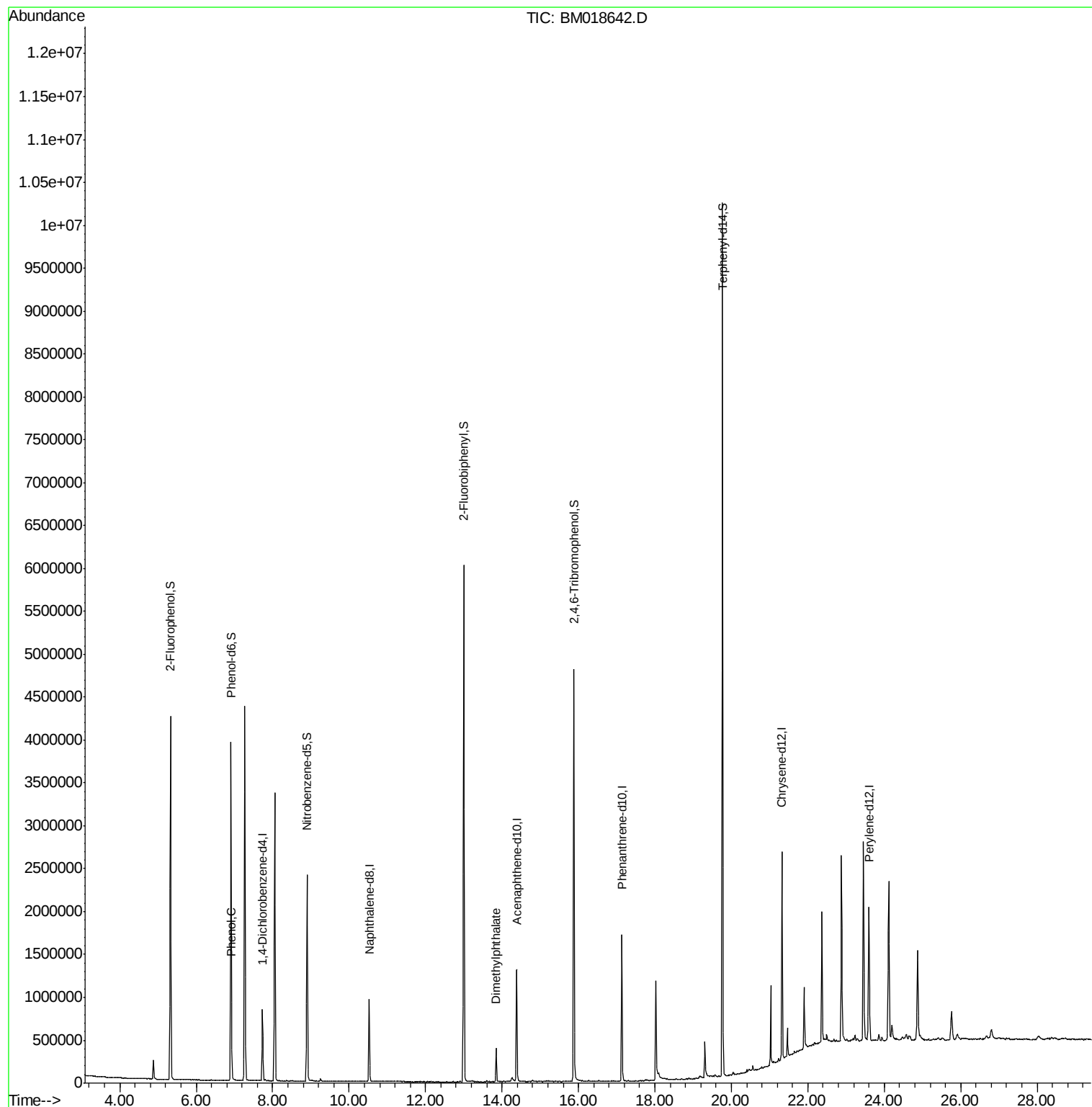
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.73  | 152  | 225592   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.53 | 136  | 828663   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.38 | 164  | 439979   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.13 | 188  | 986819   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.33 | 240  | 1078905  | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 23.60 | 264  | 1123005  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 1752618  | 143.45 | ng    | 0.00     |
| 7) Phenol-d6                | 6.91  | 99   | 2150777  | 138.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.90  | 82   | 1320277  | 92.36  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.88 | 330  | 852572   | 152.19 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.00 | 172  | 3036066  | 90.04  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.77 | 244  | 4582728  | 89.54  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.93  | 94   | 37754    | 2.394  | ng    | 82       |
| 50) Dimethylphthalate       | 13.85 | 163  | 257624   | 7.130  | ng    | 99       |

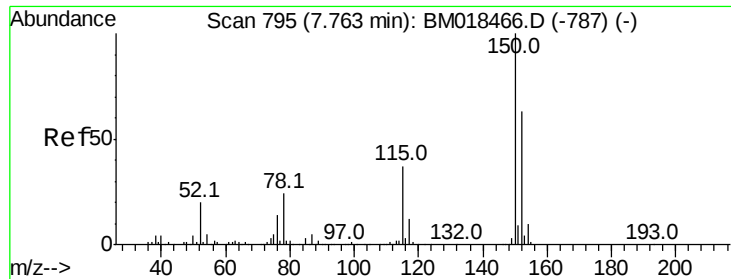
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S1-FRONT-HOUSE-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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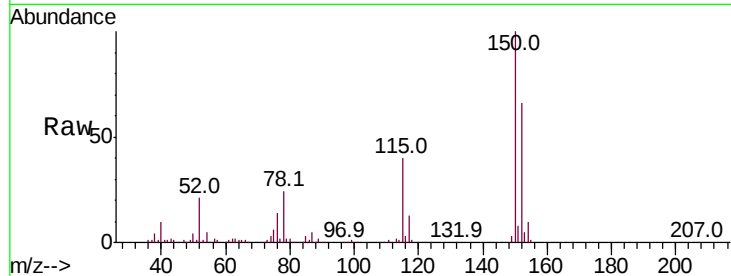


#1

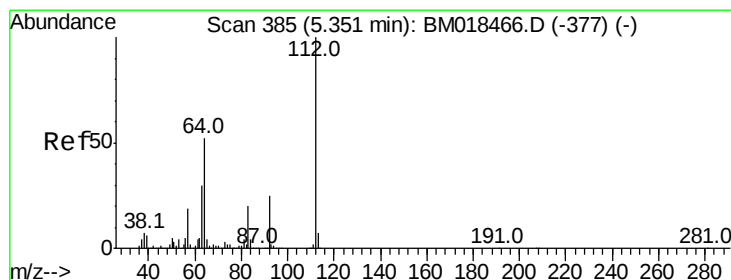
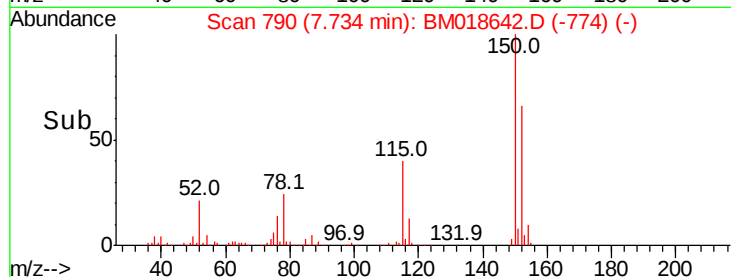
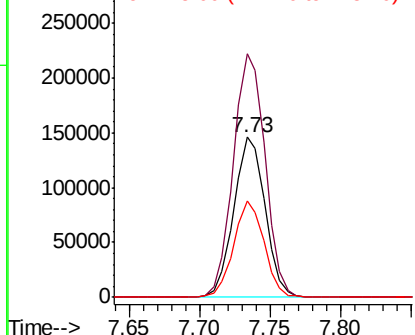
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.73 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

Instrument :  
BNA\_M  
ClientSampleId :  
S1-FRONT-HOUSE-7

Tot Ion:152 Resp: 225592  
Ion Ratio Lower Upper  
152 100  
150 152.3 126.9 190.3  
115 60.2 45.5 68.3



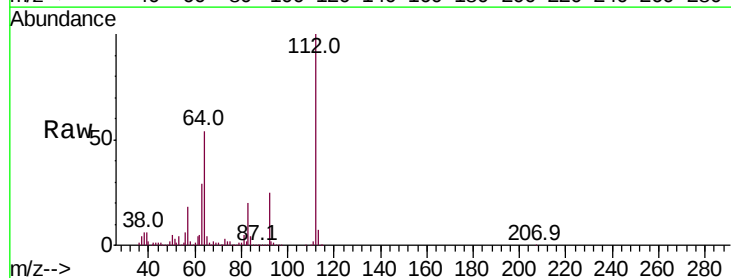
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



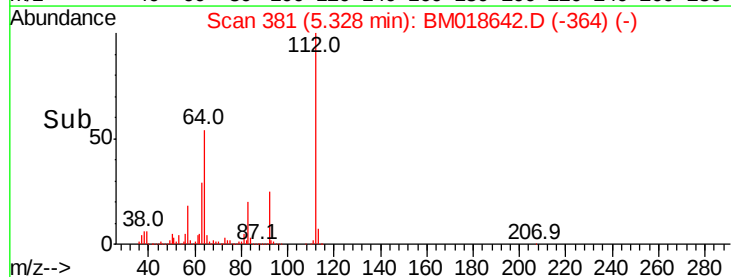
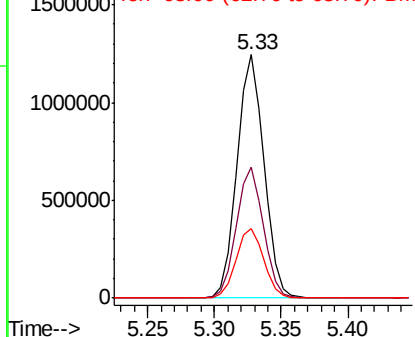
#5

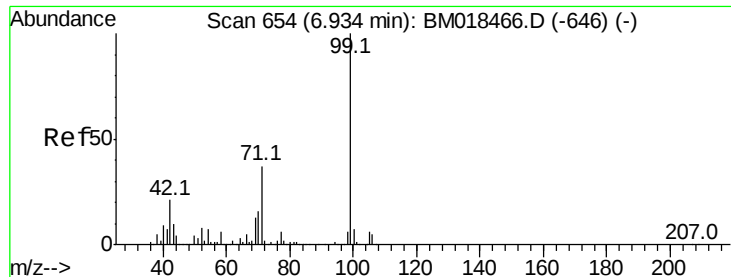
2-Fluorophenol  
Concen: 143.453 ng  
RT: 5.33 min Scan# 381  
Delta R.T. -0.00 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

Tgt Ion:112 Resp: 1752618  
Ion Ratio Lower Upper  
112 100  
64 53.6 46.5 69.7  
63 28.8 25.2 37.8



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: 138.604 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018642.D

Acq: 18 Jan 2019 18:13

Instrument :

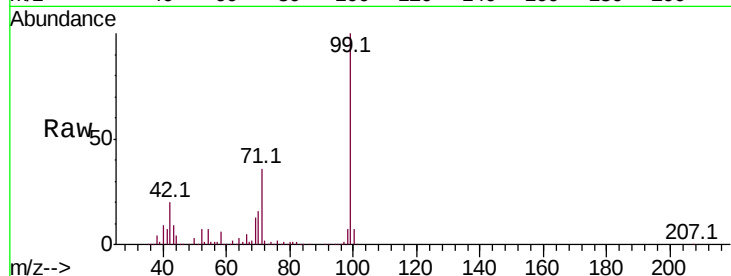
BNA\_M

ClientSampleId :

S1-FRONT-HOUSE-7

Tot Ion: 99 Resp: 2150777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.5  | 17.3  | 25.9  |
| 71  | 35.9  | 28.0  | 42.0  |

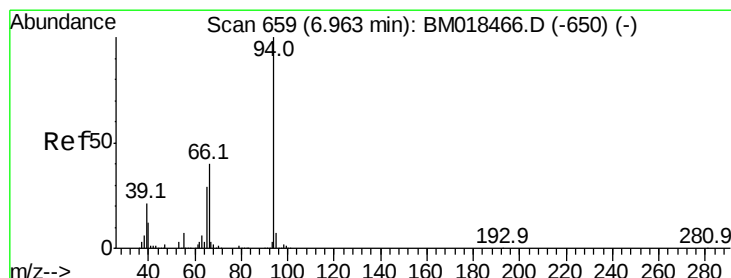
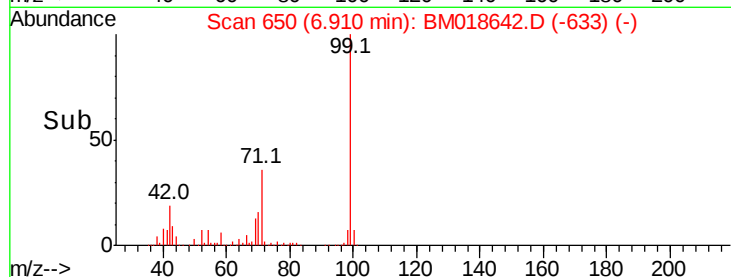
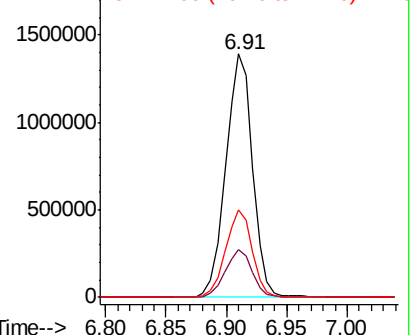


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 2.394 ng

RT: 6.93 min Scan# 654

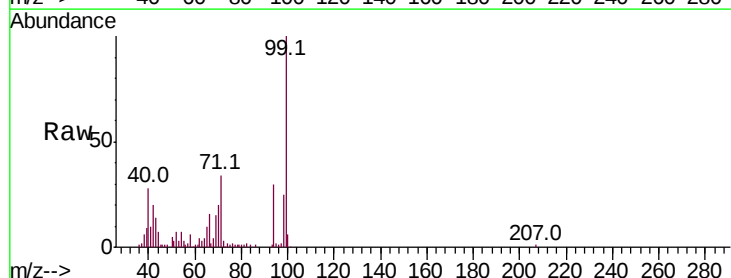
Delta R.T. -0.01 min

Lab File: BM018642.D

Acq: 18 Jan 2019 18:13

Tgt Ion: 94 Resp: 37754

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 33.0  | 9.4   | 49.4  |
| 66  | 55.2  | 19.1  | 59.1  |

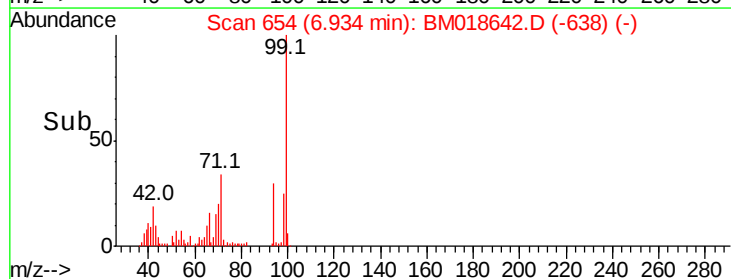
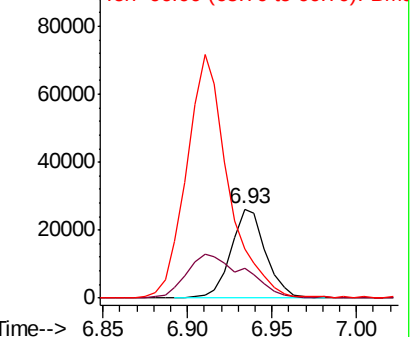


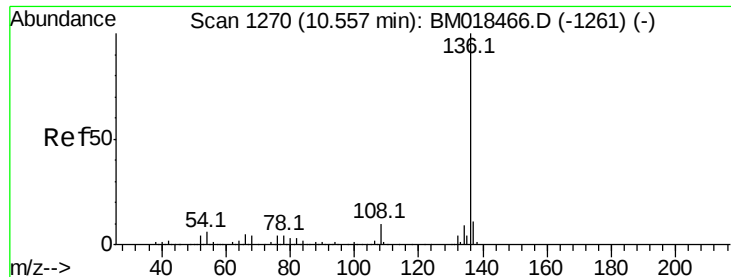
Abundance

Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

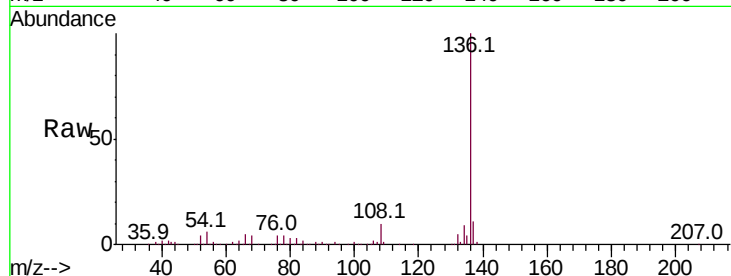




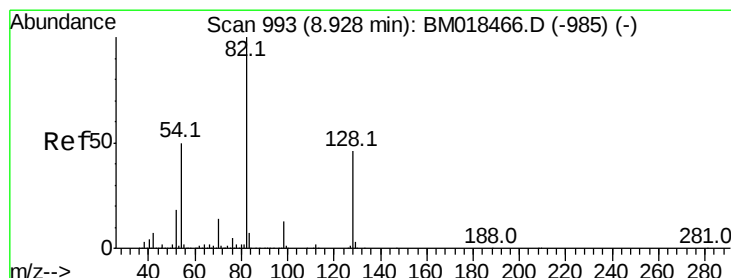
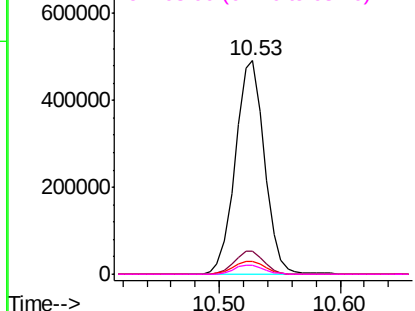
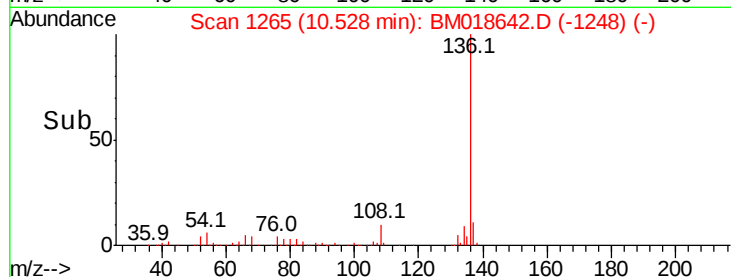
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.53 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

Instrument :  
BNA\_M  
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S1-FRONT-HOUSE-7

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 828663 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.5    | 8.5   | 12.7   |
| 54 6.3      | 6.0   | 9.0    |
| 68 4.4      | 4.5   | 6.7#   |

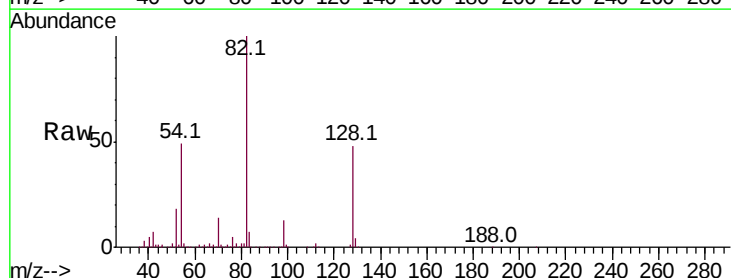


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

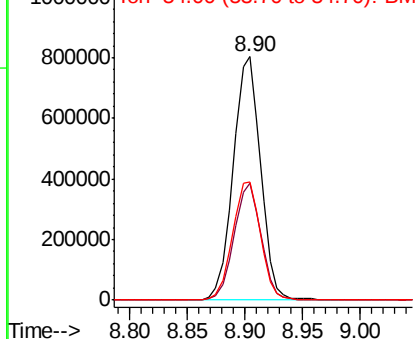
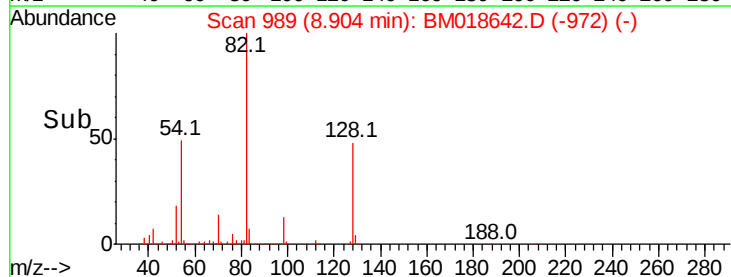


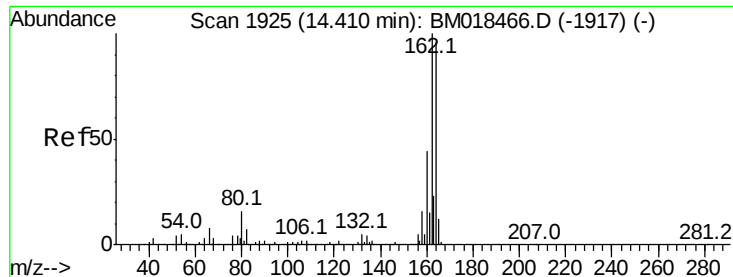
#23  
Nitrobenzene-d5  
Concen: 92.363 ng  
RT: 8.90 min Scan# 989  
Delta R.T. -0.00 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion: 82 | Resp: 1320277 |       |
| Ion | Ratio   | Lower         | Upper |
| 82  | 100     |               |       |
| 128 | 48.0    | 36.3          | 54.5  |
| 54  | 48.8    | 41.7          | 62.5  |



Abundance Ion 82.00 (81.70 to 82.70): BM  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BM

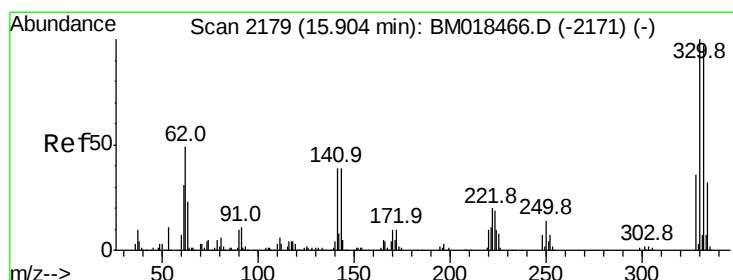
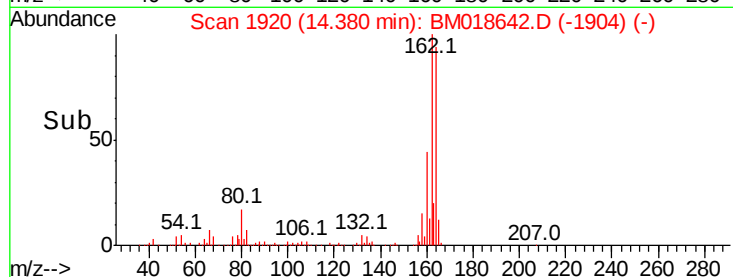
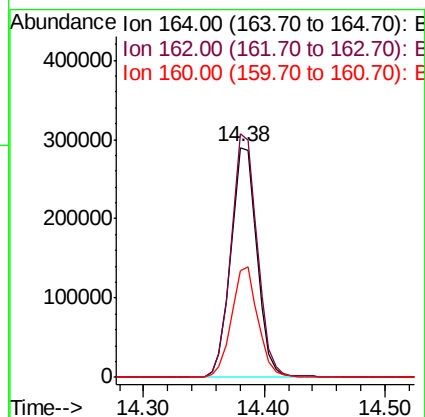
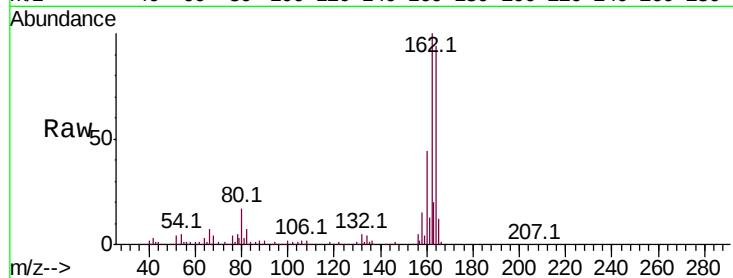




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.38 min Scan# 1920  
Delta R.T. -0.01 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

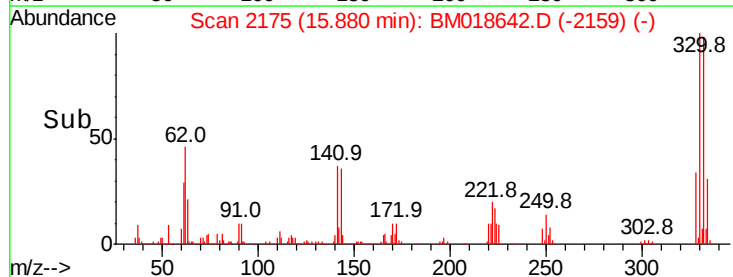
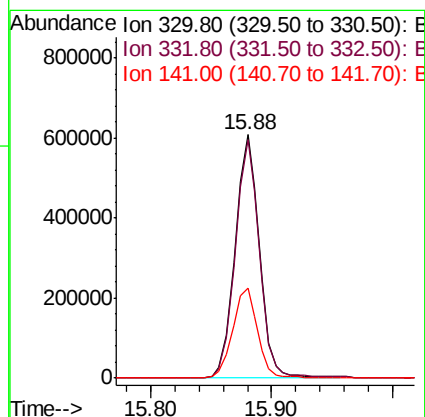
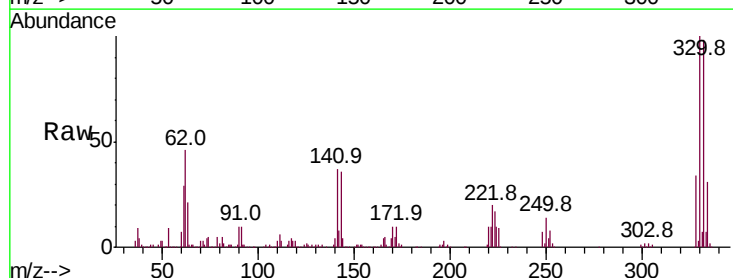
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S1-FRONT-HOUSE-7

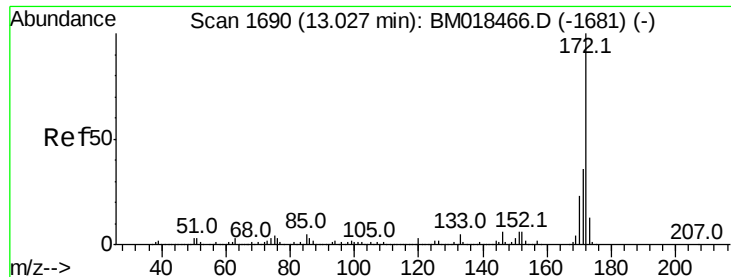
Tot Ion:164 Resp: 439979  
Ion Ratio Lower Upper  
164 100  
162 105.9 83.0 124.4  
160 46.5 37.1 55.7



#42  
2,4,6-Tribromophenol  
Concen: 152.186 ng  
RT: 15.88 min Scan# 2175  
Delta R.T. -0.01 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

Tgt Ion:330 Resp: 852572  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.6 116.4  
141 37.9 31.7 47.5

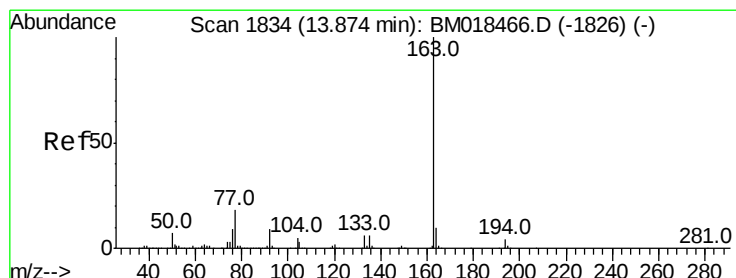
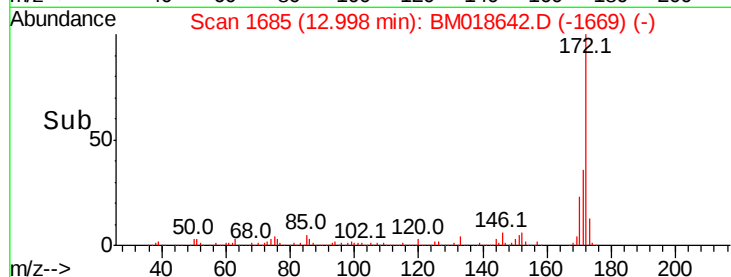
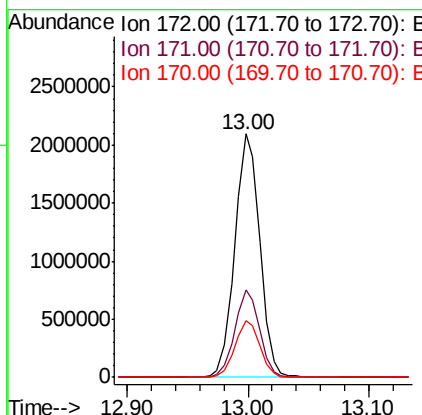
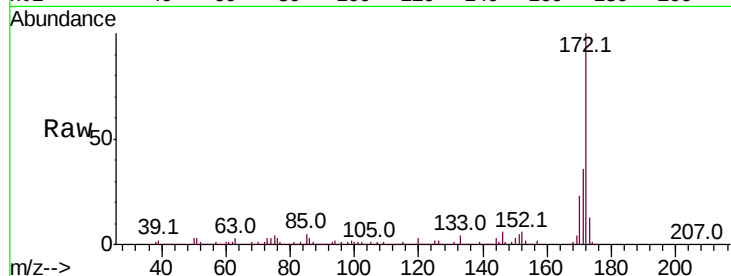




#45  
2-Fluorobiphenyl  
Concen: 90.042 ng  
RT: 13.00 min Scan# 1685  
Delta R.T. -0.01 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

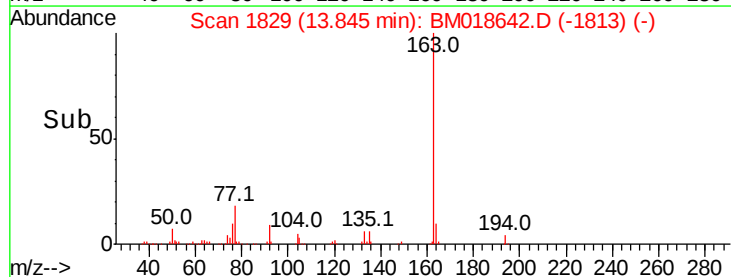
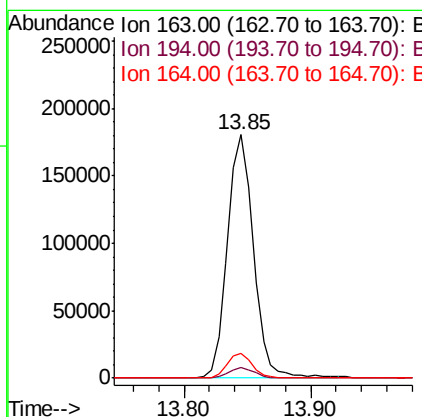
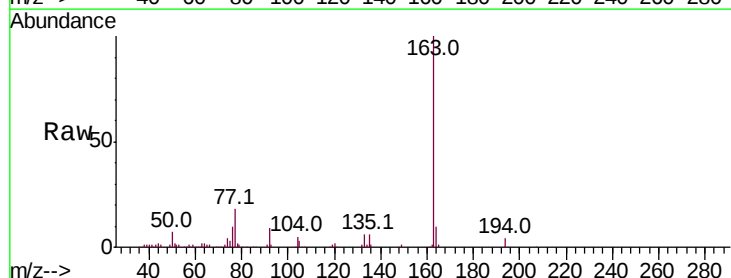
Instrument :  
BNA\_M  
ClientSampleId :  
S1-FRONT-HOUSE-7

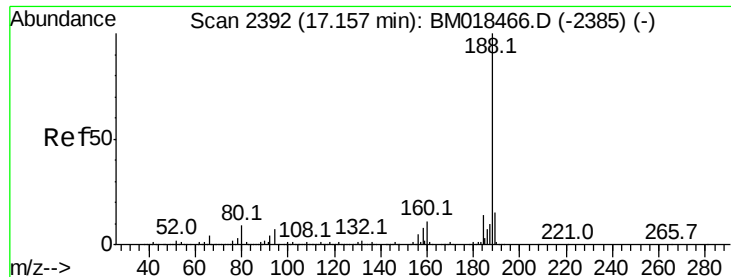
Tot Ion:172 Resp: 3036066  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.2 42.4  
170 23.2 18.9 28.3



#50  
Dimethylphthalate  
Concen: 7.130 ng  
RT: 13.85 min Scan# 1829  
Delta R.T. -0.01 min  
Lab File: BM018642.D  
Acq: 18 Jan 2019 18:13

Tgt Ion:163 Resp: 257624  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 10.3 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BM018642.D

Acq: 18 Jan 2019 18:13

Instrument :

BNA\_M

ClientSampleId :

S1-FRONT-HOUSE-7

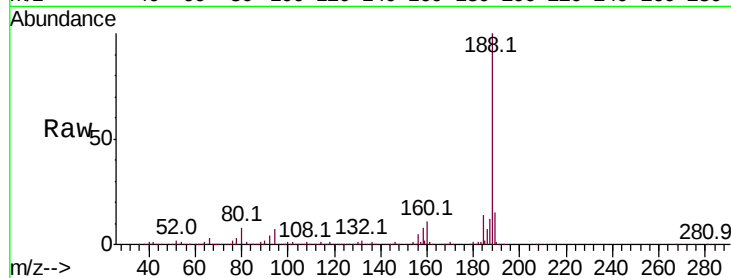
Tot Ion:188 Resp: 986819

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

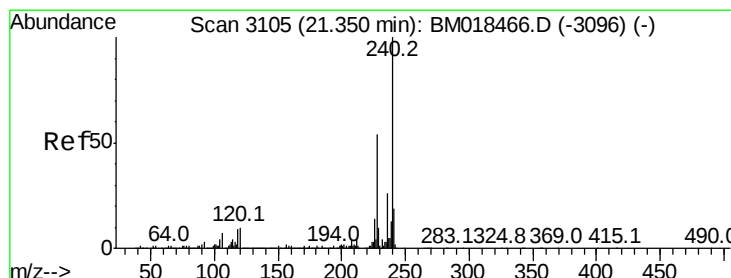
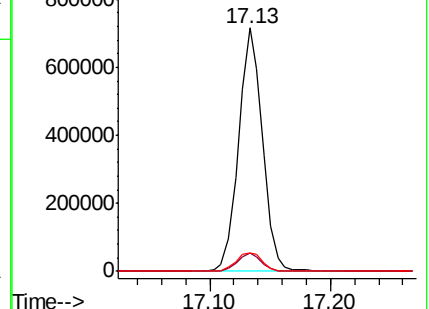
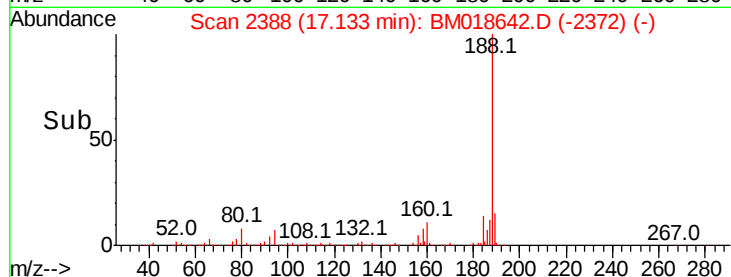
80 7.7 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM018642.D

Acq: 18 Jan 2019 18:13

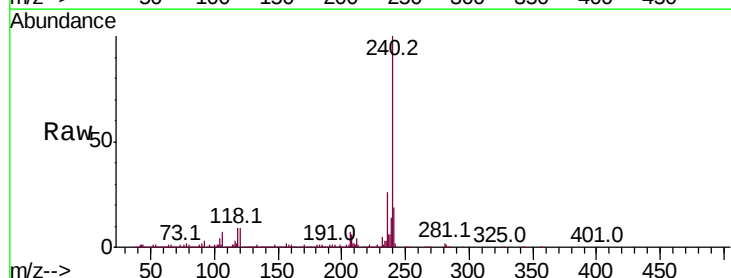
Tgt Ion:240 Resp: 1078905

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

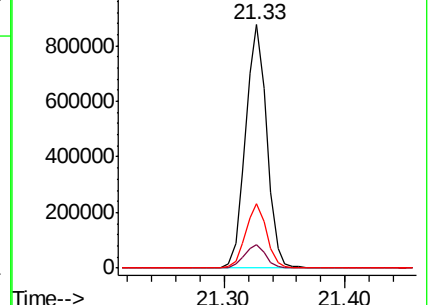
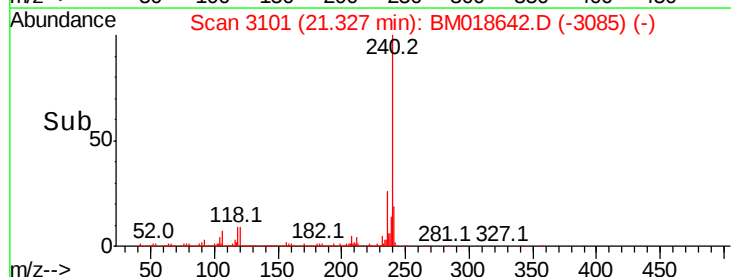
236 26.3 20.7 31.1

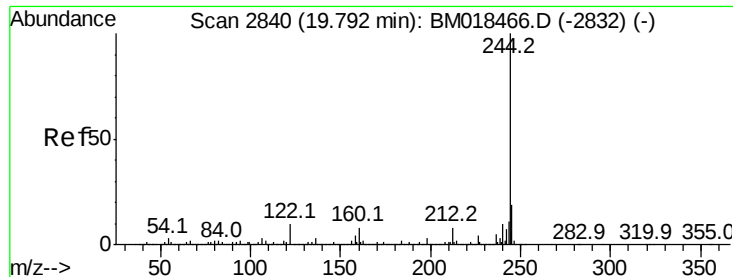


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



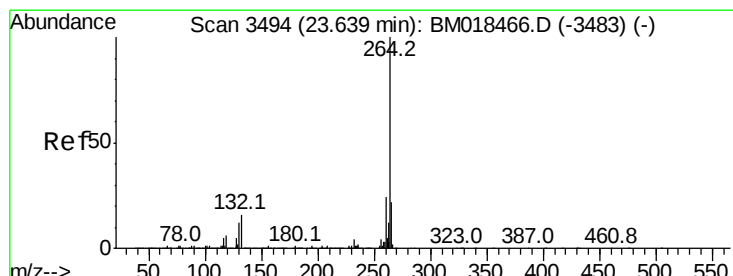
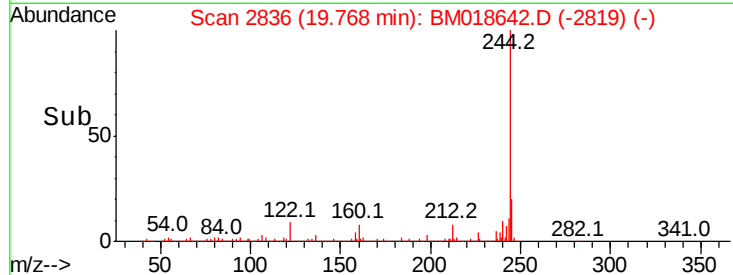
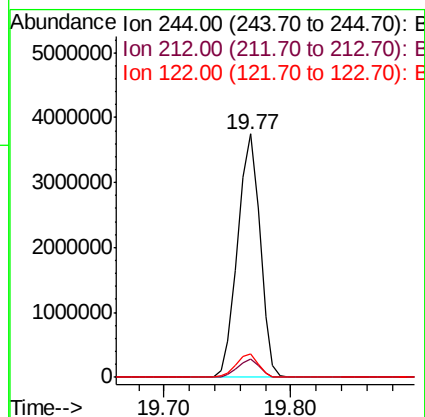
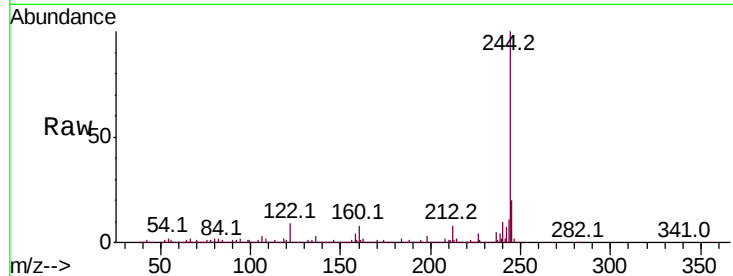


#79  
 Terphenyl-d14  
 Concen: 89.540 ng  
 RT: 19.77 min Scan# 2836  
 Delta R.T. -0.00 min  
 Lab File: BM018642.D  
 Acq: 18 Jan 2019 18:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 S1-FRONT-HOUSE-7

Tot Ion:244 Resp: 4582728  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.6   | 5.9   | 8.9   |
| 122 | 9.4   | 9.0   | 13.4  |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.60 min Scan# 3487  
 Delta R.T. -0.01 min  
 Lab File: BM018642.D  
 Acq: 18 Jan 2019 18:13

Tgt Ion:264 Resp: 1123005  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 18.9  | 28.3  |
| 265 | 21.5  | 16.8  | 25.2  |

