

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\  
 Data File : BM010919.D  
 Acq On : 20 Jul 2017 21:29  
 Operator : SJ/JU  
 Sample : I4265-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 21 02:15:10 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 12 14:21:16 2017  
 Response via : Initial Calibration

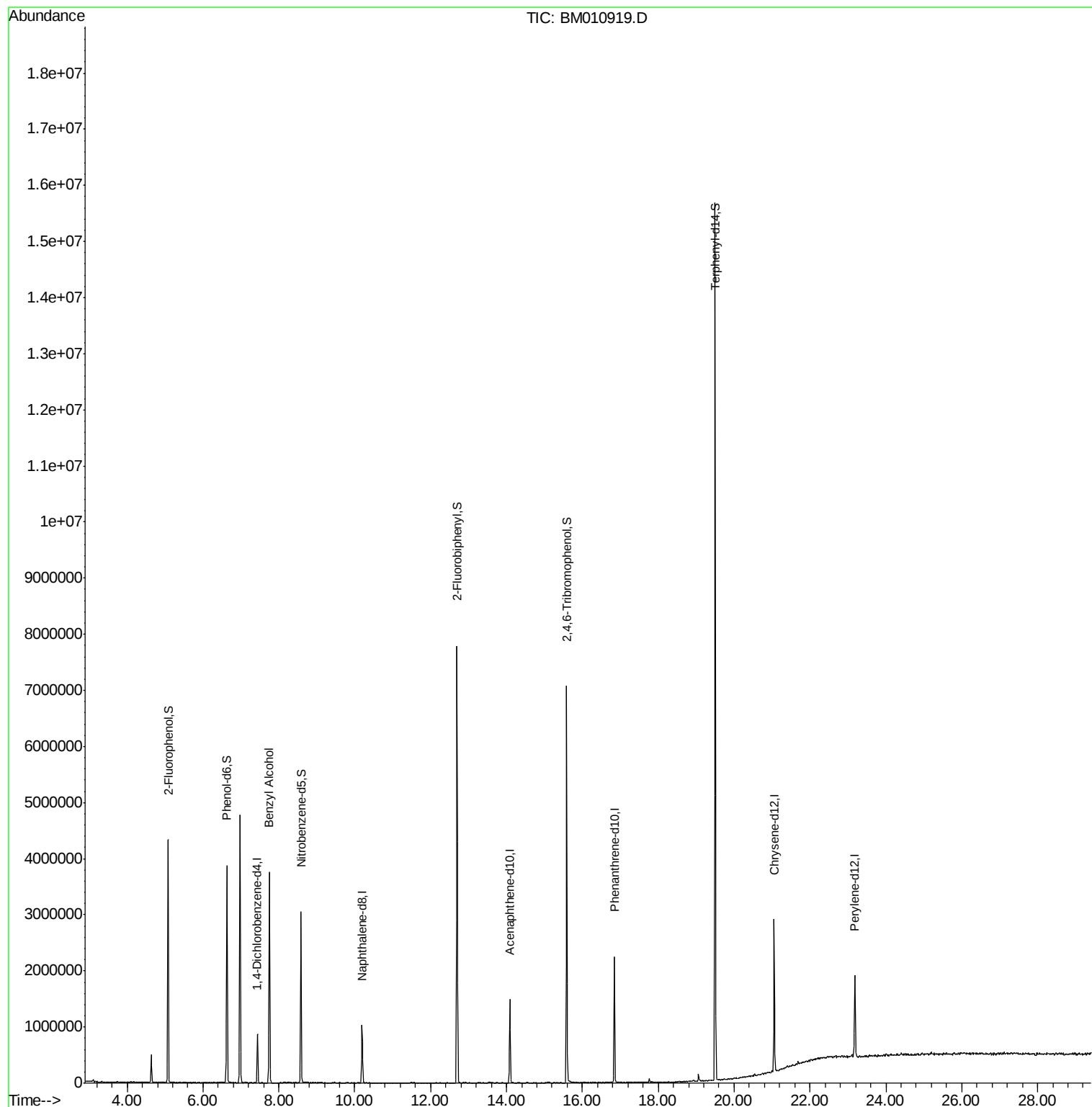
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.44  | 152  | 176603   | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 10.19 | 136  | 667221   | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 14.09 | 164  | 449887   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 16.84 | 188  | 1153010  | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.06 | 240  | 1235295  | 20.00  | ng    | -0.01          |
| 86) Perylene-d12            | 23.19 | 264  | 1027226  | 20.00  | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.08  | 112  | 1377835  | 129.24 | ng    | 0.00           |
| 7) Phenol-d6                | 6.63  | 99   | 1654536  | 112.57 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 8.58  | 82   | 1681306  | 96.86  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 15.59 | 330  | 1031341  | 150.01 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 12.70 | 172  | 3424023  | 94.68  | ng    | -0.01          |
| 78) Terphenyl-d14           | 19.50 | 244  | 5870529  | 91.91  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 7.75  | 79   | 29828    | 2.14   | ng    | Qvalue<br># 33 |

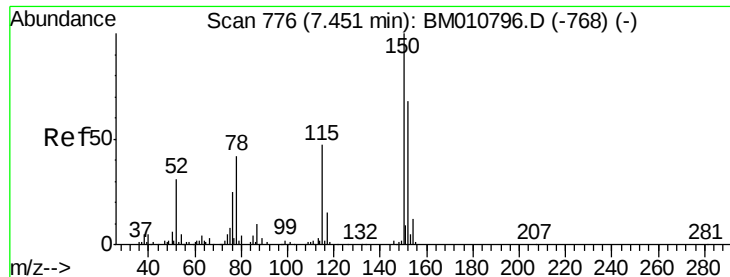
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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BNA\_M  
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 12 14:21:16 2017  
Response via : Initial Calibration



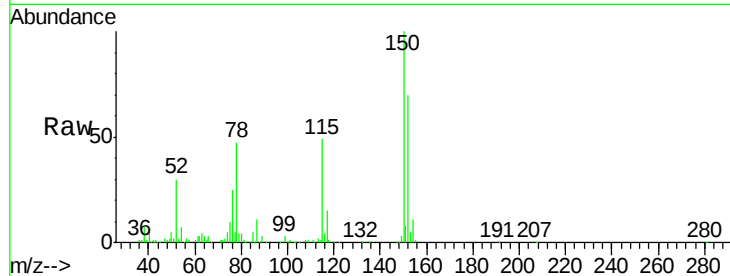


#1

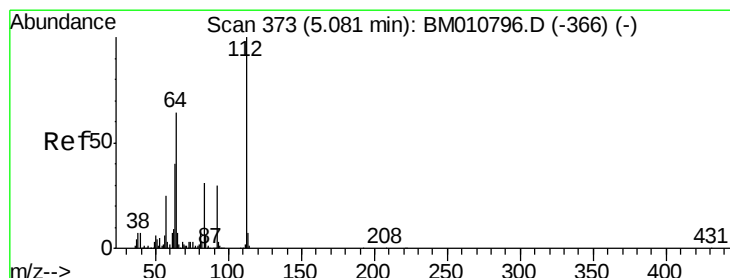
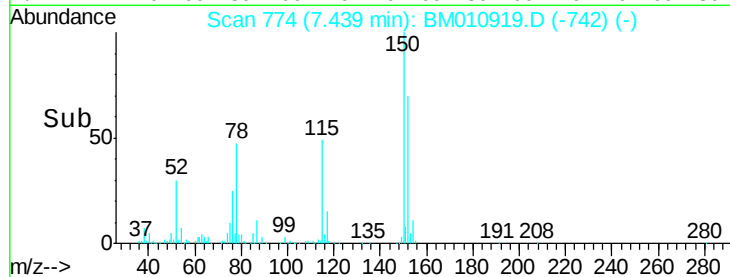
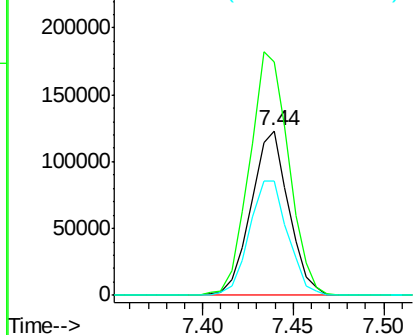
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.44 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.2 | 119.5 | 179.3 |
| 115     | 69.7  | 43.0  | 64.4  |



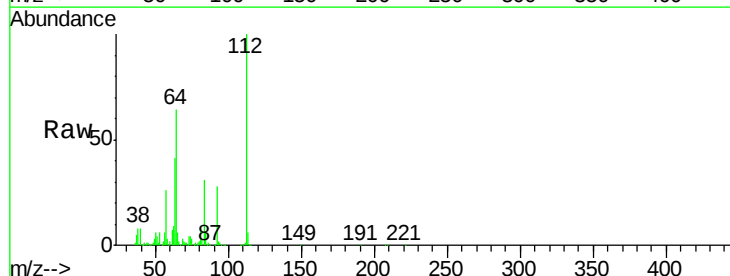
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



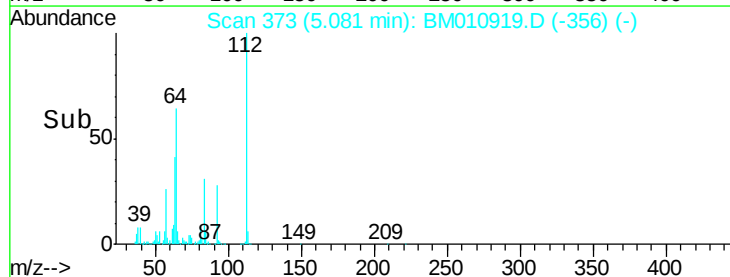
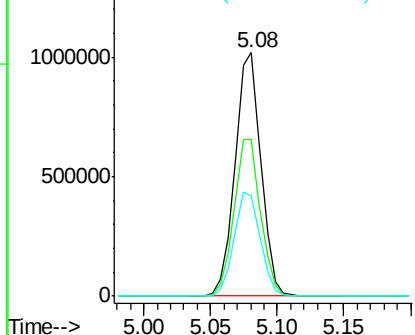
#5

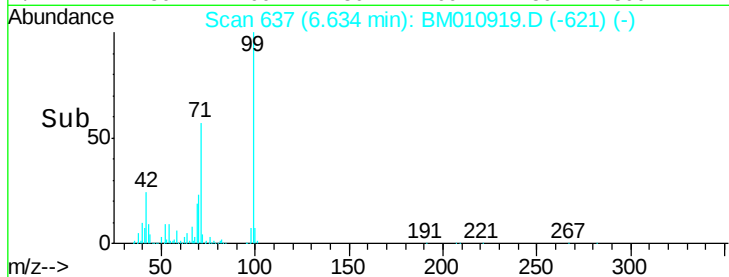
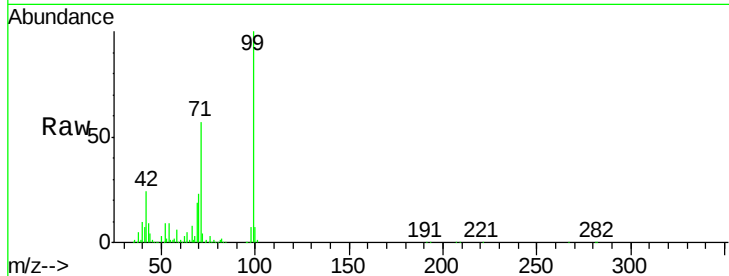
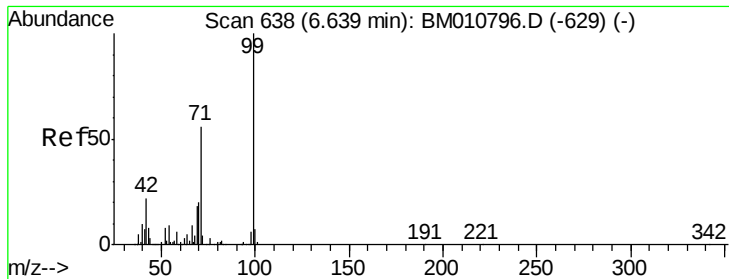
2-Fluorophenol  
Concen: 129.24 ng  
RT: 5.08 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.2  | 38.6  | 57.8  |
| 63      | 41.4  | 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: 112.57 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

Instrument :

BNA\_M

ClientSampled :

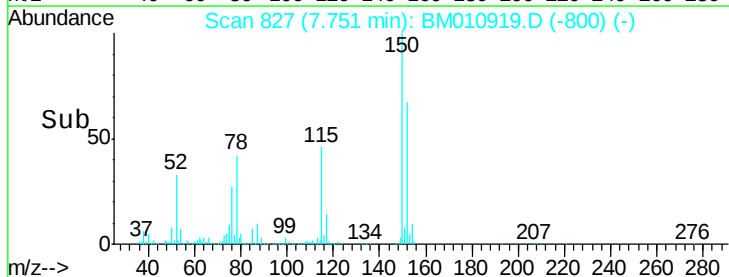
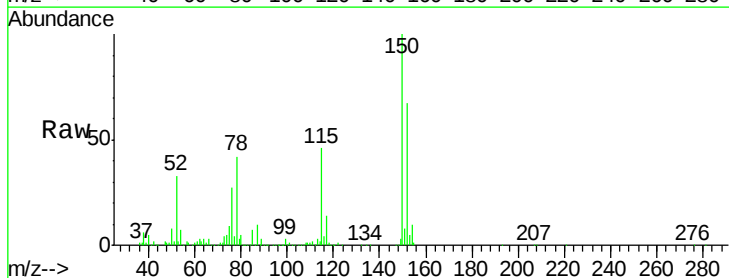
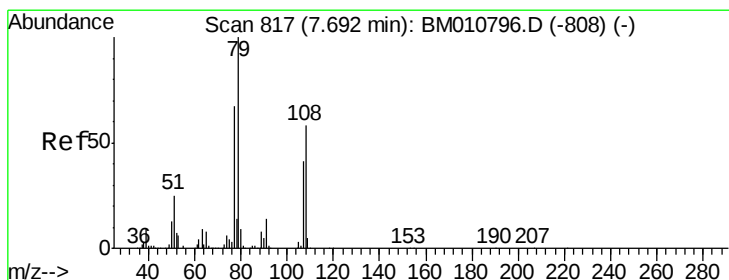
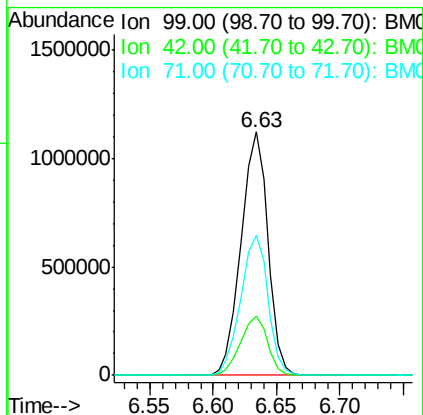
Tot Ion: 99 Resp: 1654536

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

71 57.3 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 7.75 min Scan# 827

Delta R.T. 0.06 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

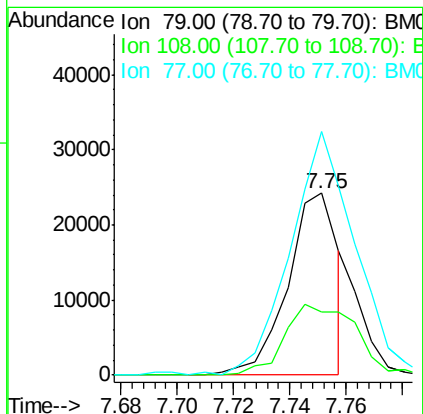
Tgt Ion: 79 Resp: 29828

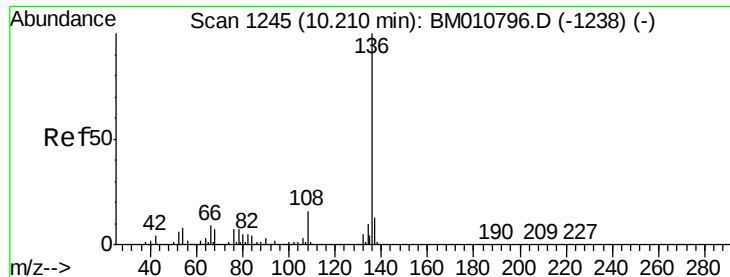
Ion Ratio Lower Upper

79 100

108 35.1 65.0 97.4#

77 134.0 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 667221

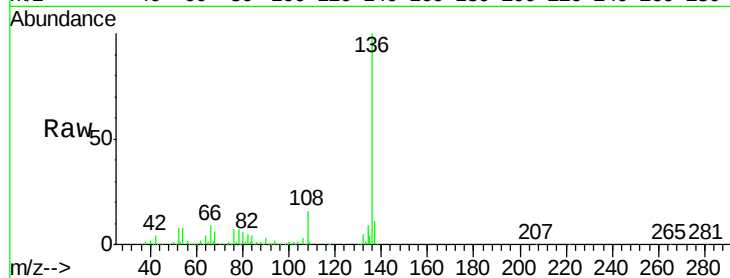
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.4 4.6 6.8#

68 5.7 3.7 5.5#

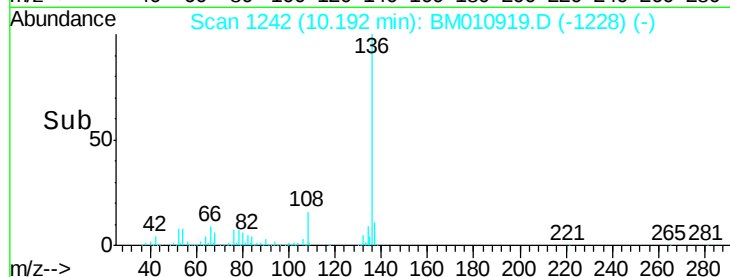


Abundance Ion 136.00 (135.70 to 136.70): E

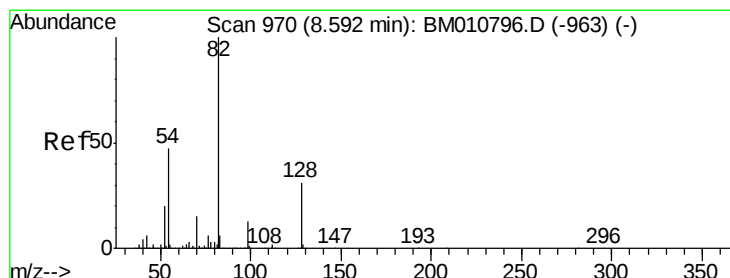
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#23

Nitrobenzene-d5

Concen: 96.86 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010919.D

Acq: 20 Jul 2017 21:29

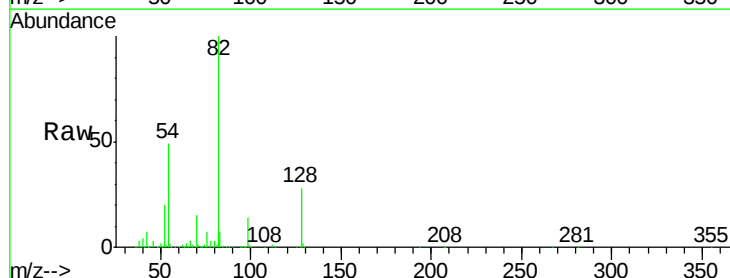
Tgt Ion: 82 Resp: 1681306

Ion Ratio Lower Upper

82 100

128 27.8 32.8 49.2#

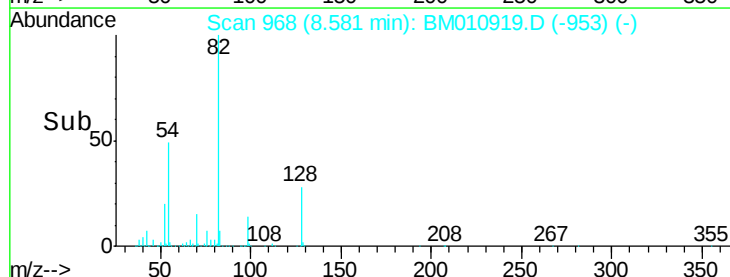
54 49.4 40.6 60.8



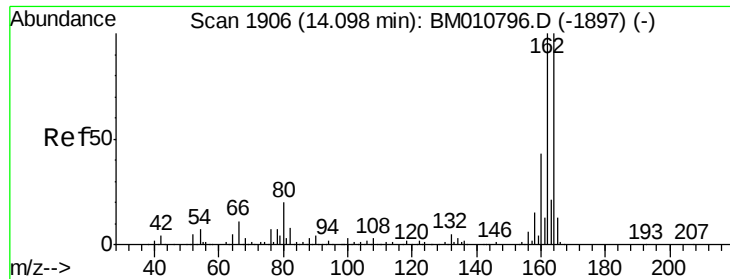
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



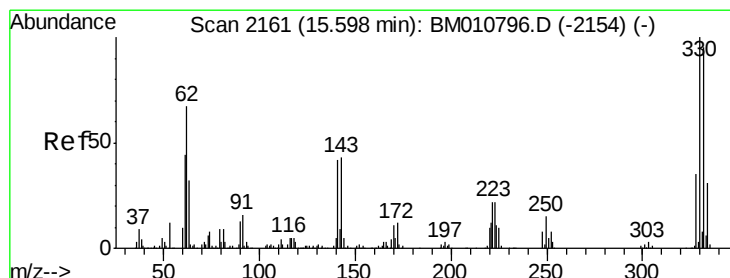
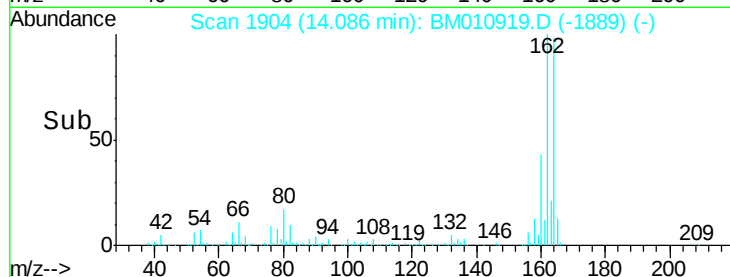
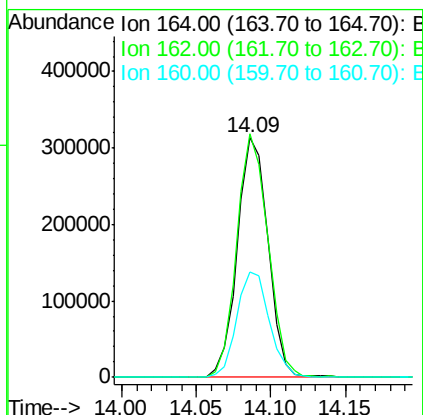
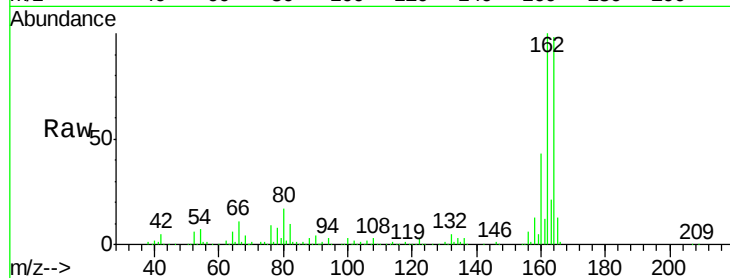
Time-->



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.09 min Scan# 1904  
Delta R.T. -0.01 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

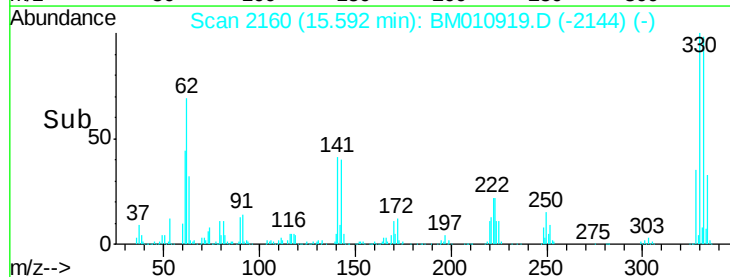
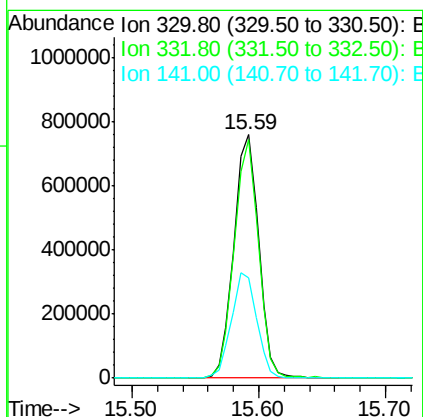
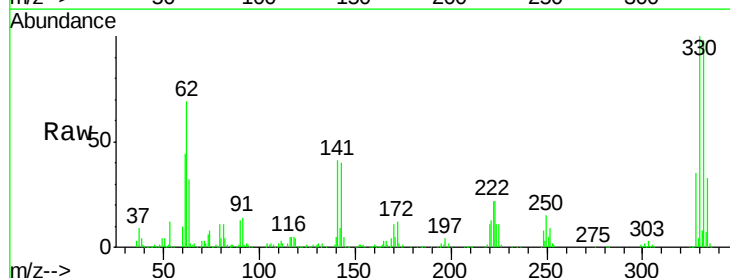
Instrument :  
BNA\_M  
ClientSampleId :

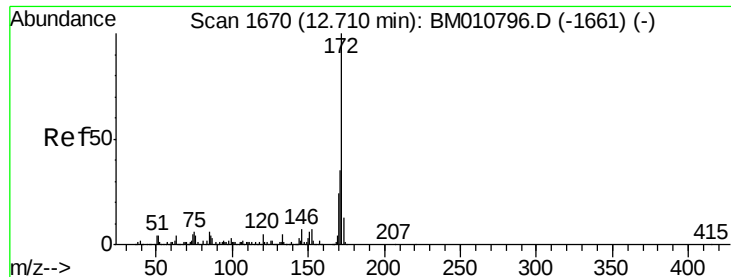
Tot Ion:164 Resp: 449887  
Ion Ratio Lower Upper  
164 100  
162 101.7 82.4 123.6  
160 44.0 35.8 53.6



#41  
2,4,6-Tribromophenol  
Concen: 150.01 ng  
RT: 15.59 min Scan# 2160  
Delta R.T. -0.01 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

Tgt Ion:330 Resp: 1031341  
Ion Ratio Lower Upper  
330 100  
332 95.6 0.0 0.0#  
141 44.4 0.0 0.0#

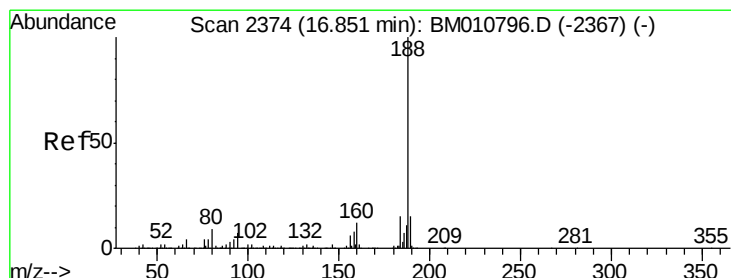
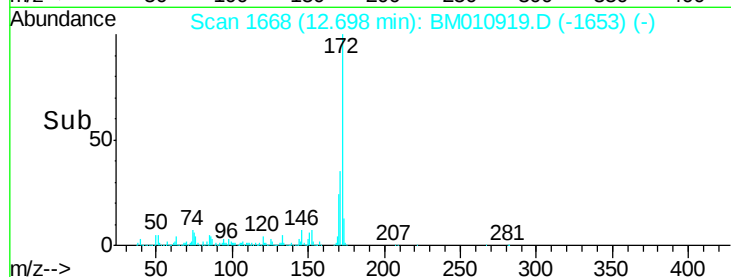
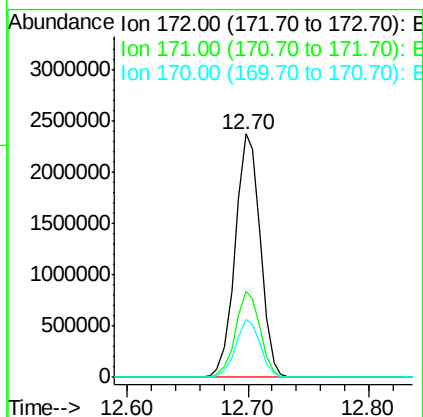
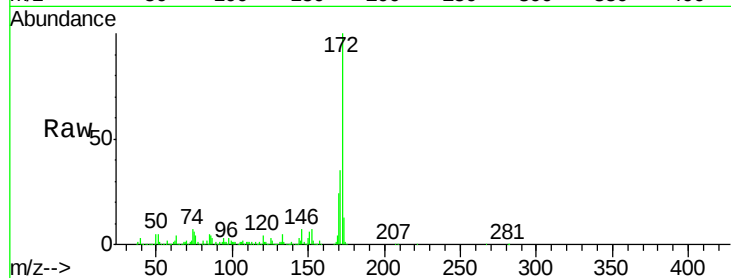




#44  
2-Fluorobiphenyl  
Concen: 94.68 ng  
RT: 12.70 min Scan# 1668  
Delta R.T. -0.01 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

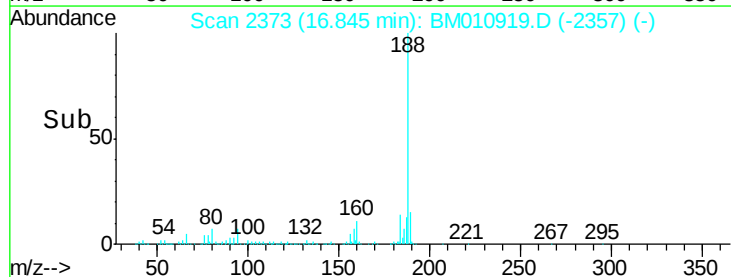
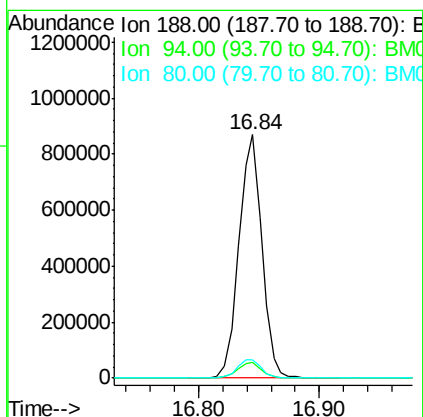
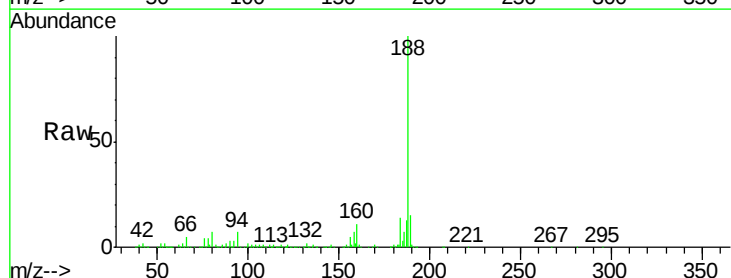
Instrument :  
BNA\_M  
ClientSampleId :

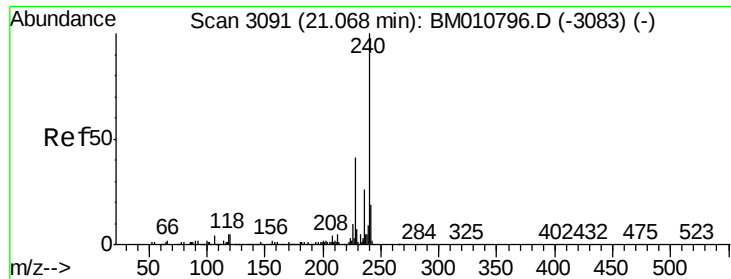
Tot Ion:172 Resp: 3424023  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.5 42.7  
170 23.7 18.8 28.2



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.84 min Scan# 2373  
Delta R.T. -0.01 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

Tgt Ion:188 Resp: 1153010  
Ion Ratio Lower Upper  
188 100  
94 6.5 8.7 13.1#  
80 7.5 9.3 13.9#

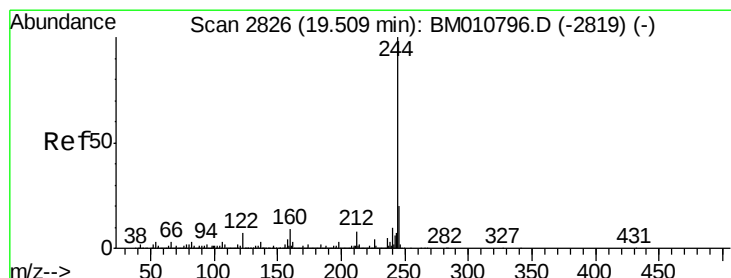
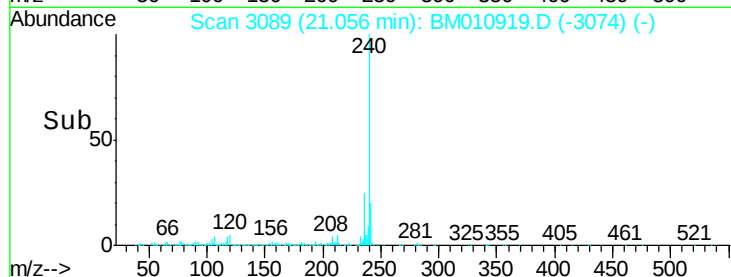
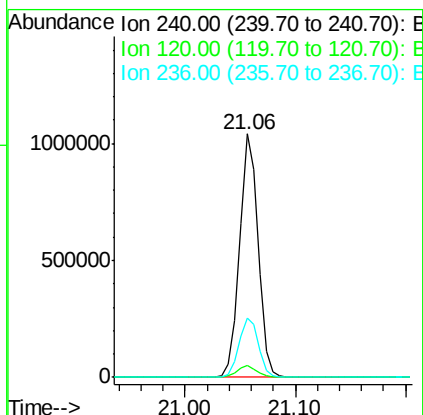
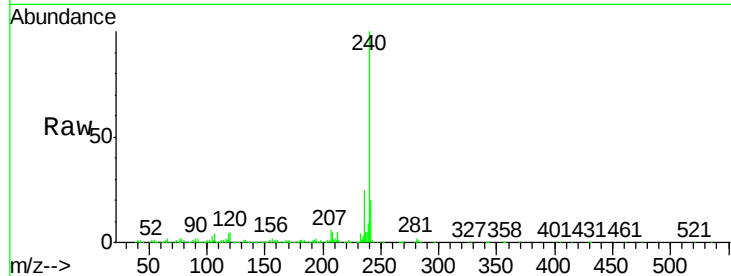




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.06 min Scan# 3089  
Delta R.T. -0.01 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

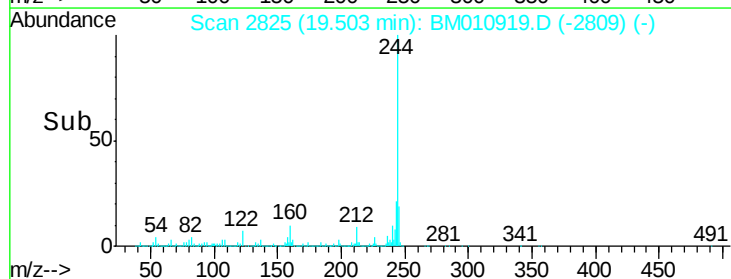
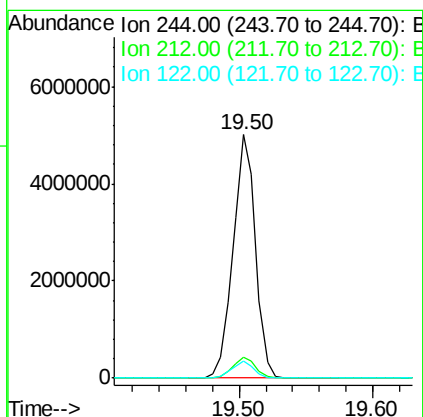
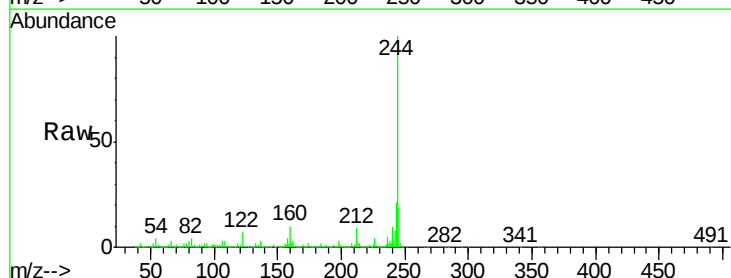
Instrument :  
BNA\_M  
ClientSampleId :

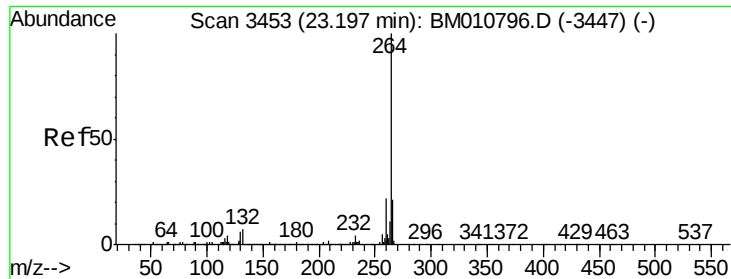
Tot Ion:240 Resp: 1235295  
Ion Ratio Lower Upper  
240 100  
120 4.9 8.2 12.2#  
236 24.5 20.0 30.0



#78  
Terphenyl-d14  
Concen: 91.91 ng  
RT: 19.50 min Scan# 2825  
Delta R.T. -0.01 min  
Lab File: BM010919.D  
Acq: 20 Jul 2017 21:29

Tgt Ion:244 Resp: 5870529  
Ion Ratio Lower Upper  
244 100  
212 8.6 4.9 7.3#  
122 7.0 6.2 9.4





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 23.19 min Scan# 3451  
 Delta R.T. -0.01 min  
 Lab File: BM010919.D  
 Acq: 20 Jul 2017 21:29

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:264 Resp: 1027226  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.6  | 27.8  |
| 265 | 20.4  | 17.3  | 25.9  |

