

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM101918\  
 Data File : BM017267.D  
 Acq On : 20 Oct 2018 16:15  
 Operator : MJ/SJ  
 Sample : J5538-24  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CNS01

Quant Time: Oct 22 05:36:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

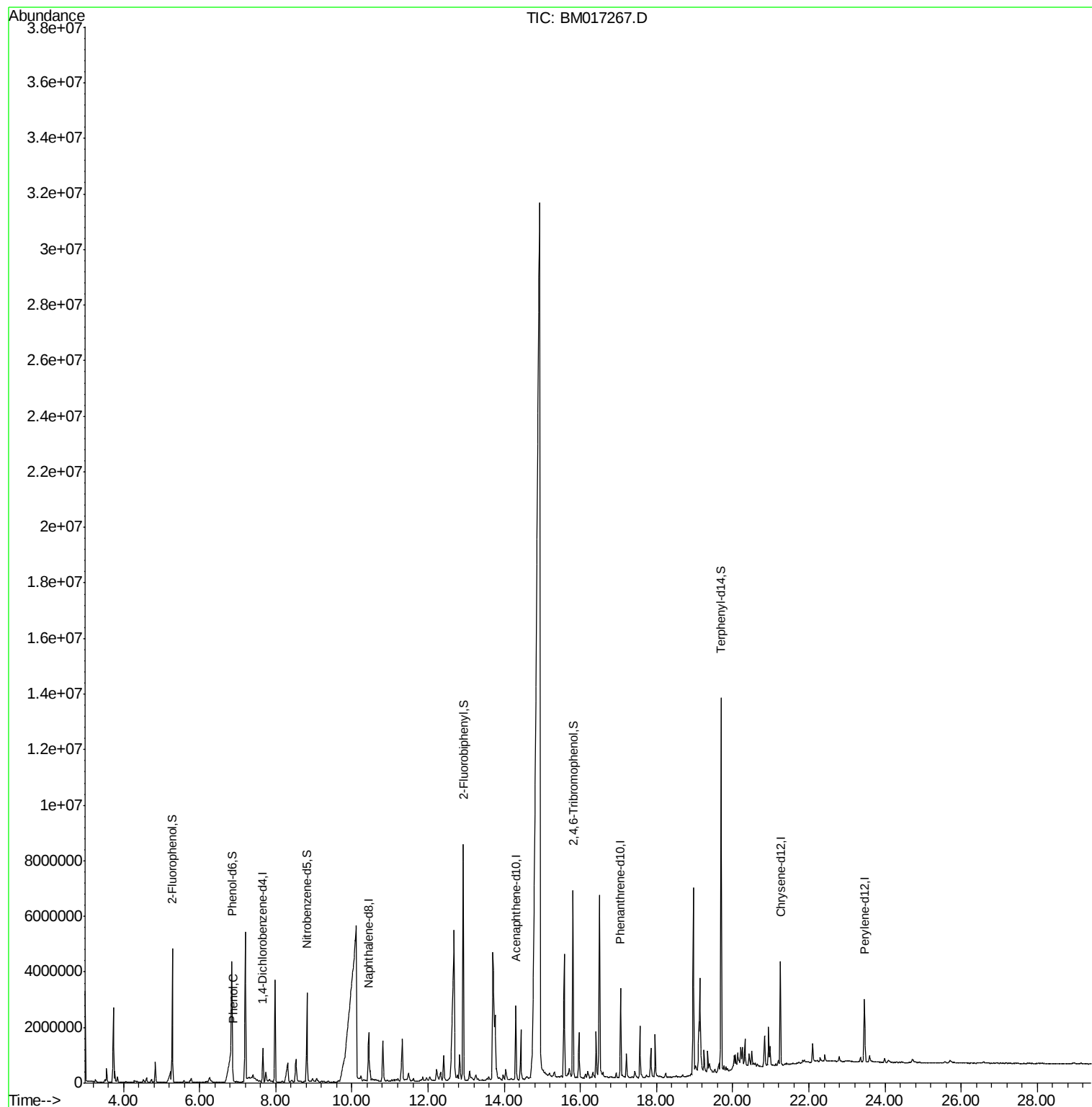
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 327553   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.44 | 136  | 1410081  | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.30 | 164  | 823116   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.06 | 188  | 1843509  | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.25 | 240  | 1876625  | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 23.46 | 264  | 1685125  | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.28  | 112  | 1920513  | 99.17  | ng    | 0.00      |
| 7) Phenol-d6                | 6.85  | 99   | 2384786  | 90.41  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 1802445  | 74.76  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 15.80 | 330  | 1225257  | 110.07 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 12.92 | 172  | 4238387  | 68.51  | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.70 | 244  | 6307000  | 75.75  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 6.87  | 94   | 77893    | 2.744  | ng    | Qvalue 93 |

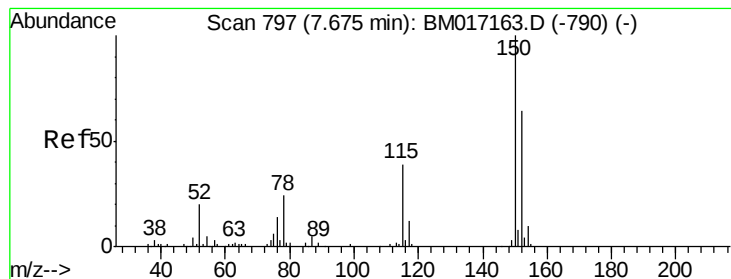
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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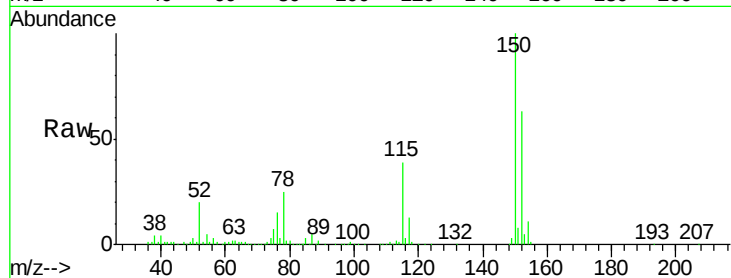


#1

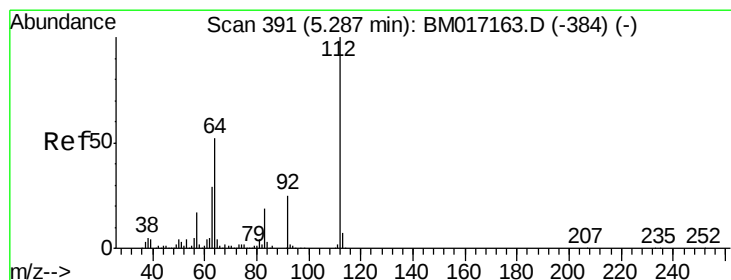
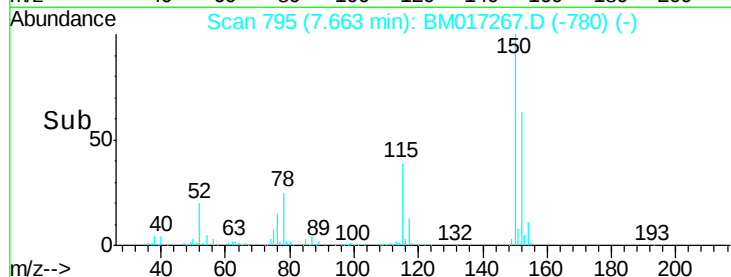
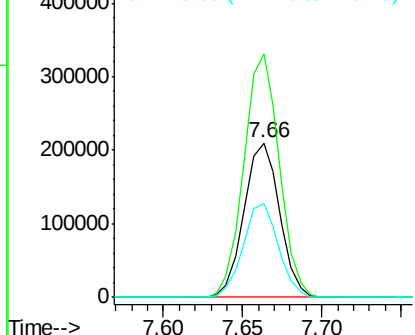
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.66 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

Instrument :  
BNA\_M  
ClientSampleId :  
CNS01

Tgt Ion:152 Resp: 327553  
Ion Ratio Lower Upper  
152 100  
150 158.0 124.3 186.5  
115 61.1 48.1 72.1



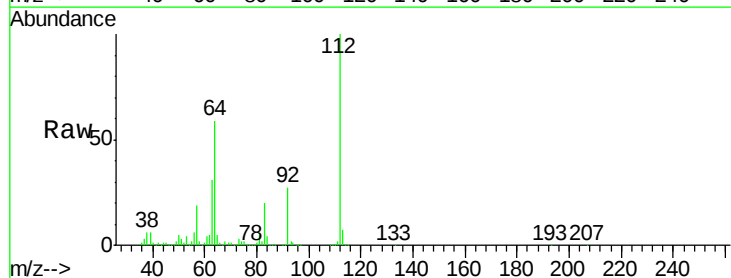
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



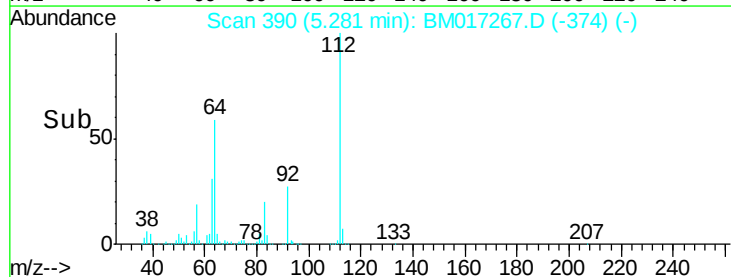
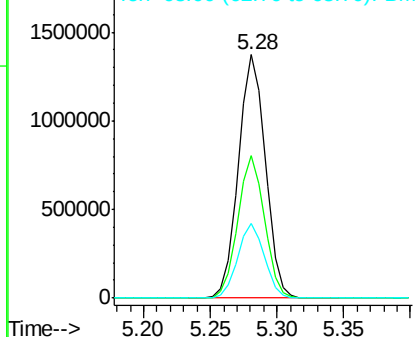
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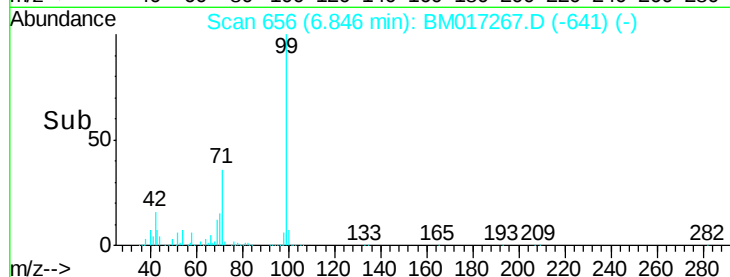
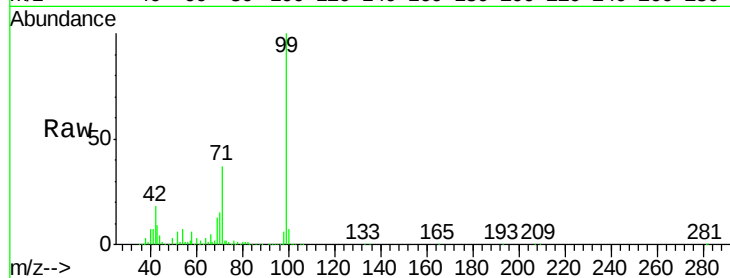
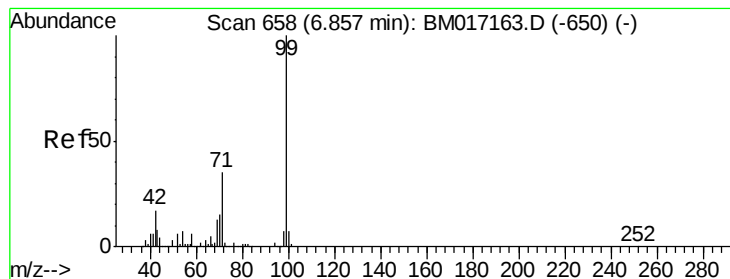
2-Fluorophenol  
Concen: 99.167 ng  
RT: 5.28 min Scan# 390  
Delta R.T. -0.01 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

Tgt Ion:112 Resp: 1920513  
Ion Ratio Lower Upper  
112 100  
64 58.6 41.7 62.5  
63 30.7 23.0 34.4



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: 90.415 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017267.D

Acq: 20 Oct 2018 16:15

Instrument :

BNA\_M

ClientSampleId :

CNS01

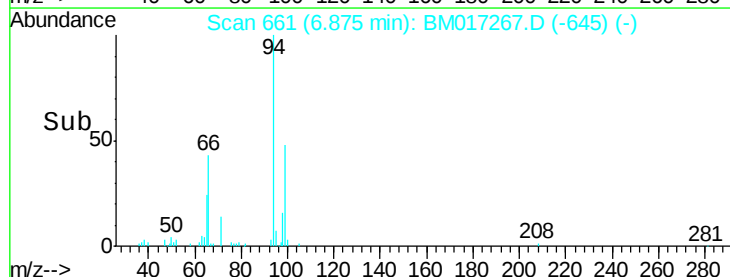
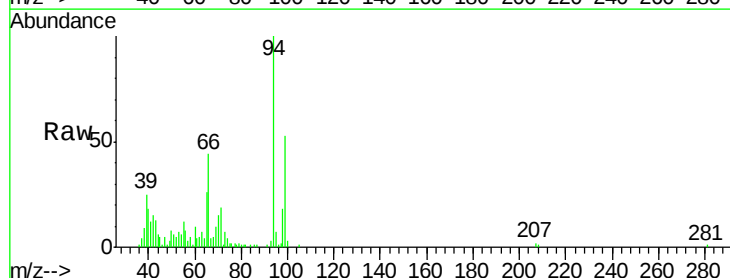
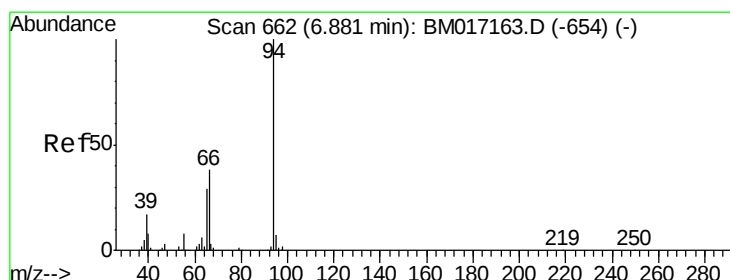
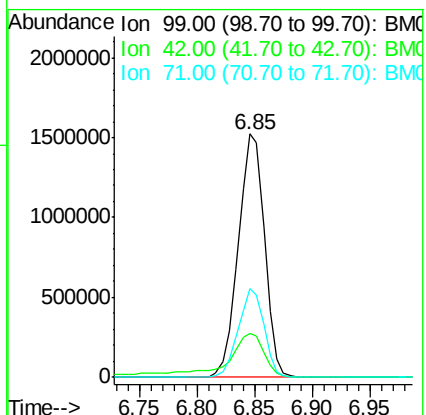
Tgt Ion: 99 Resp: 2384786

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

71 36.5 28.0 42.0



#10

Phenol

Concen: 2.744 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017267.D

Acq: 20 Oct 2018 16:15

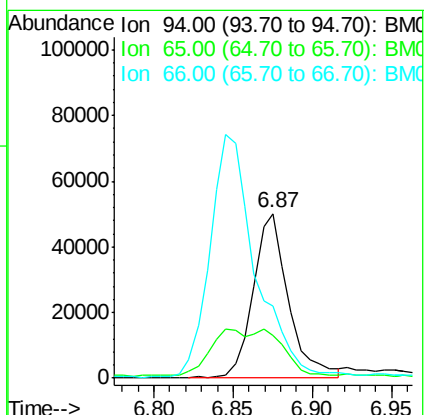
Tgt Ion: 94 Resp: 77893

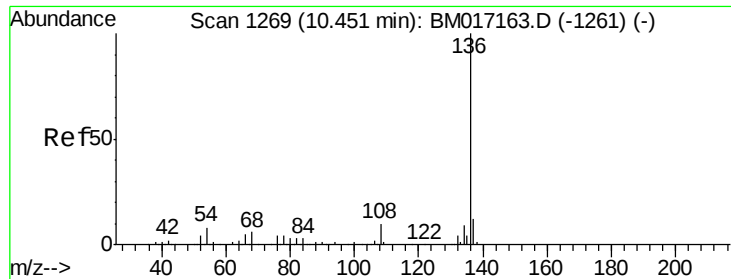
Ion Ratio Lower Upper

94 100

65 26.2 9.4 49.4

66 43.6 19.0 59.0

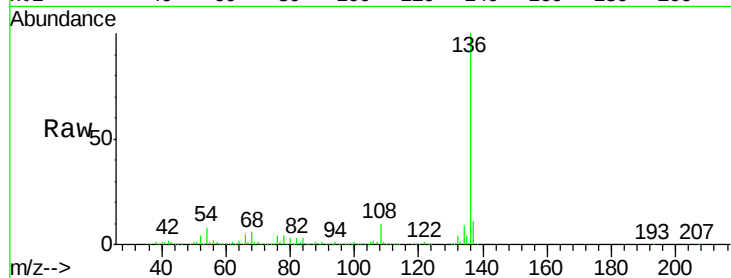




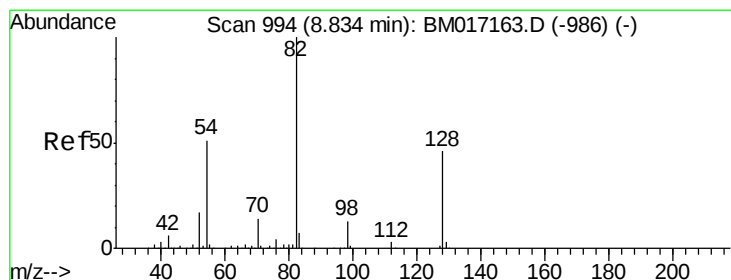
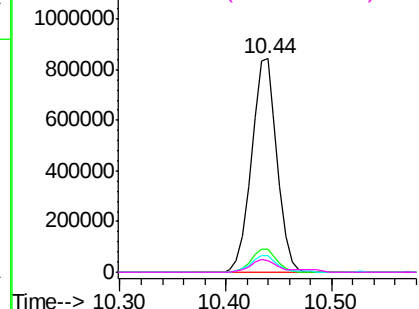
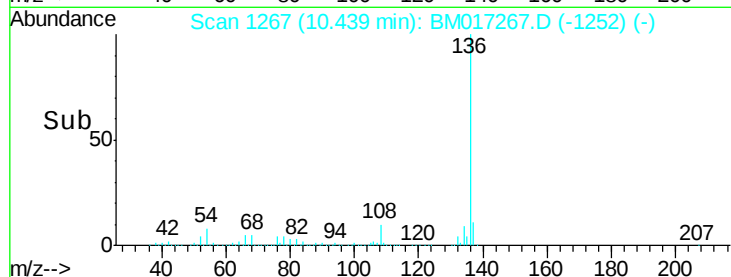
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.44 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

Instrument :  
BNA\_M  
ClientSampleId :  
CNS01

Tgt Ion:136 Resp: 1410081  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 7.9 6.7 10.1  
68 5.5 4.7 7.1

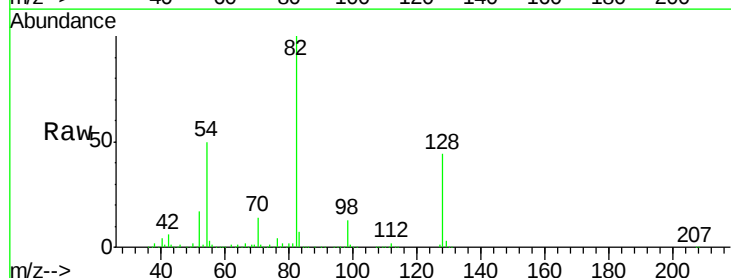


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

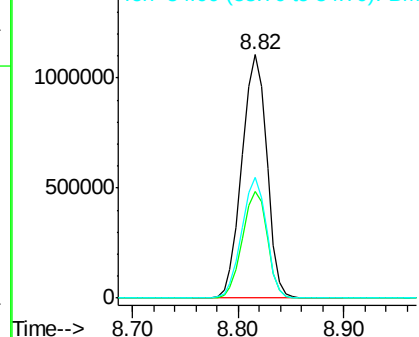
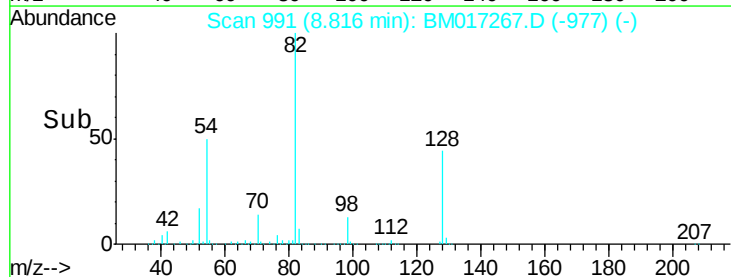


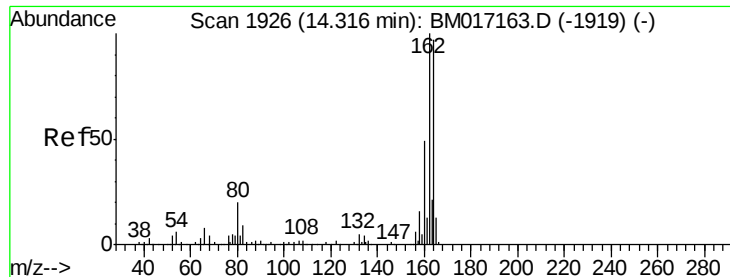
#23  
Nitrobenzene-d5  
Concen: 74.760 ng  
RT: 8.82 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

Tgt Ion: 82 Resp: 1802445  
Ion Ratio Lower Upper  
82 100  
128 43.7 37.0 55.6  
54 49.5 40.7 61.1



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

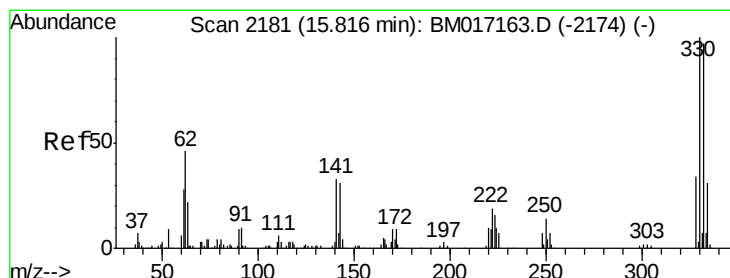
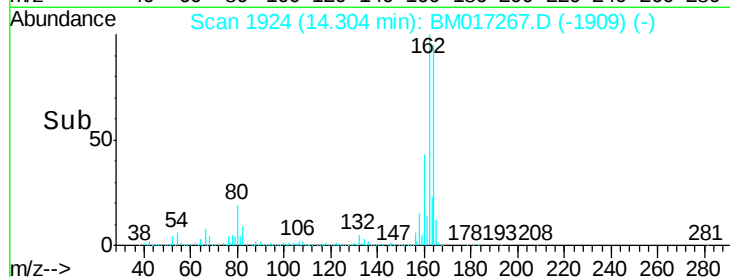
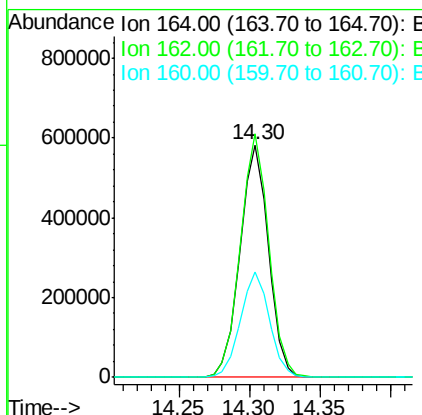
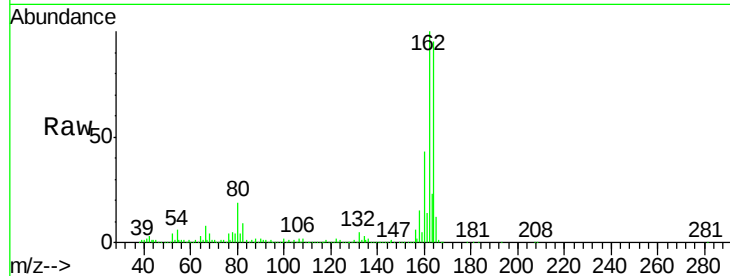




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.30 min Scan# 1924  
Delta R.T. -0.01 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

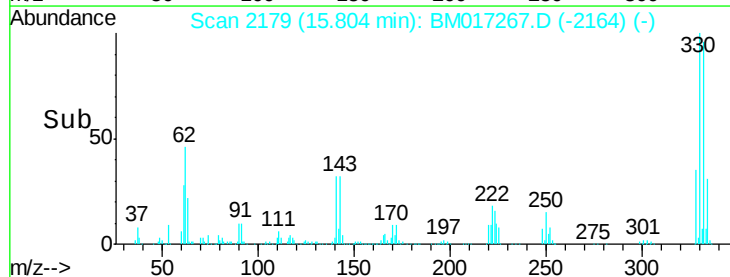
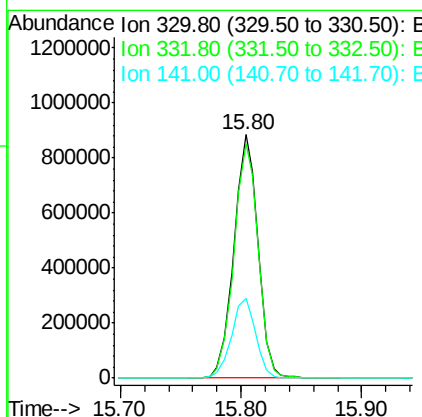
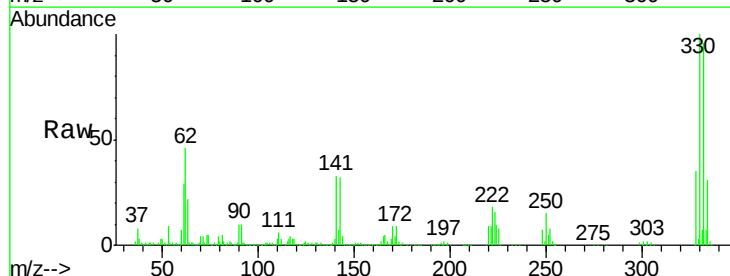
Instrument :  
BNA\_M  
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CNS01

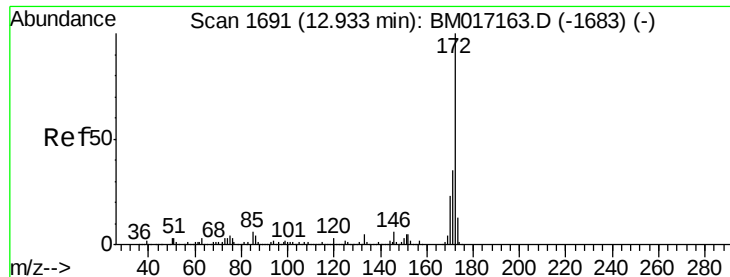
Tgt Ion:164 Resp: 823116  
Ion Ratio Lower Upper  
164 100  
162 104.8 82.1 123.1  
160 45.6 40.2 60.2



#42  
2,4,6-Tribromophenol  
Concen: 110.072 ng  
RT: 15.80 min Scan# 2179  
Delta R.T. -0.01 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

Tgt Ion:330 Resp: 1225257  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.3 115.9  
141 33.0 27.4 41.0

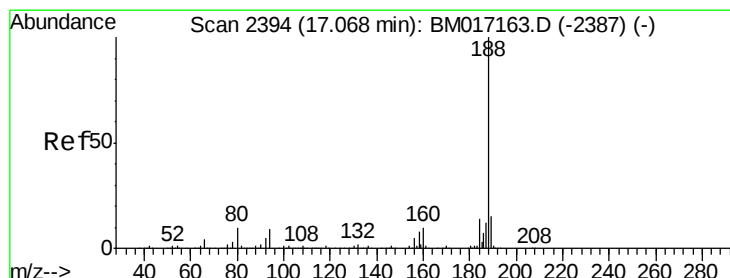
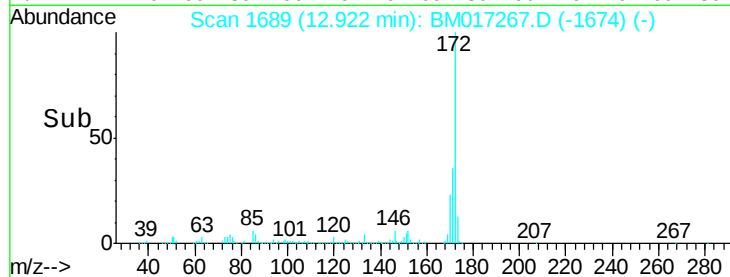
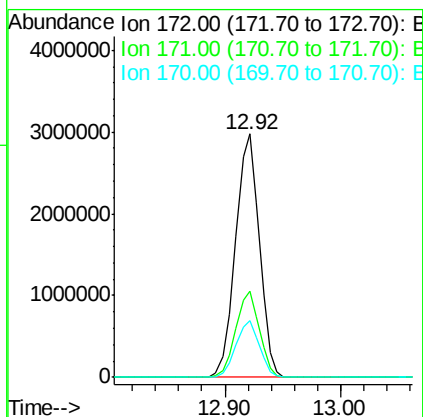
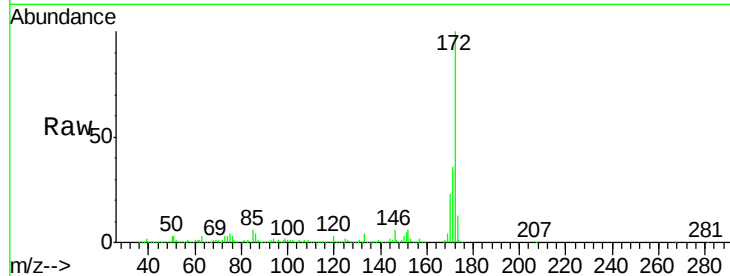




#45  
 2-Fluorobiphenyl  
 Concen: 68.512 ng  
 RT: 12.92 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BM017267.D  
 Acq: 20 Oct 2018 16:15

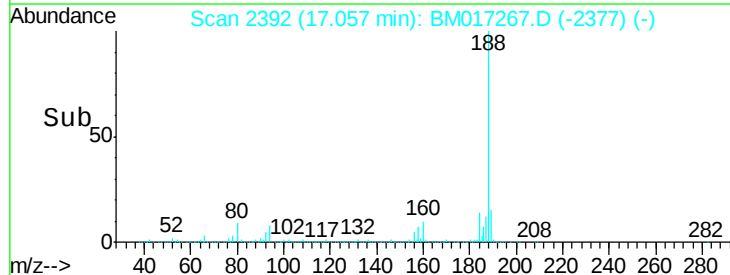
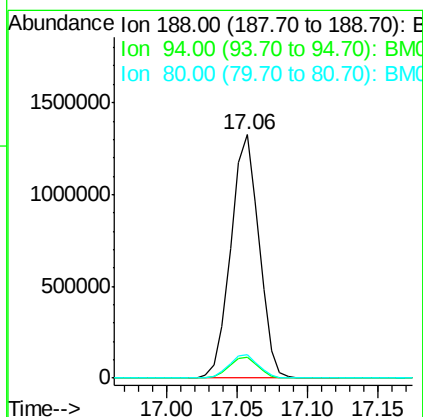
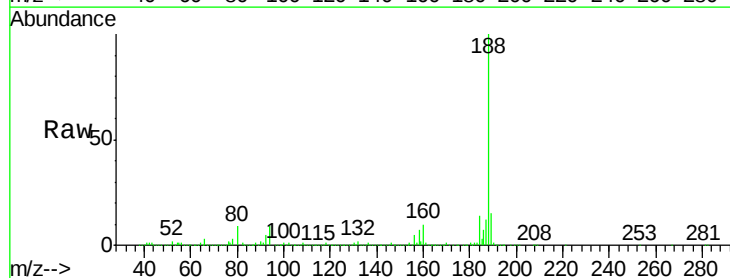
Instrument :  
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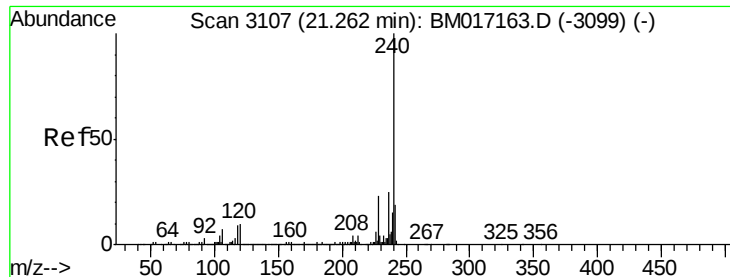
Tgt Ion:172 Resp: 4238387  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.3 42.5  
 170 23.3 18.3 27.5



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.06 min Scan# 2392  
 Delta R.T. -0.01 min  
 Lab File: BM017267.D  
 Acq: 20 Oct 2018 16:15

Tgt Ion:188 Resp: 1843509  
 Ion Ratio Lower Upper  
 188 100  
 94 8.5 7.0 10.4  
 80 9.4 7.7 11.5

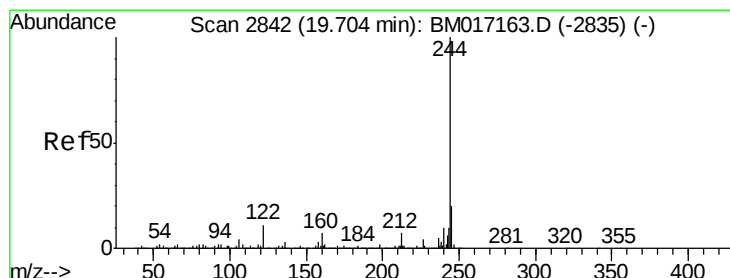
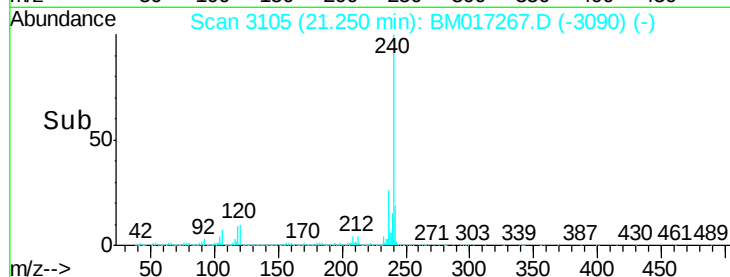
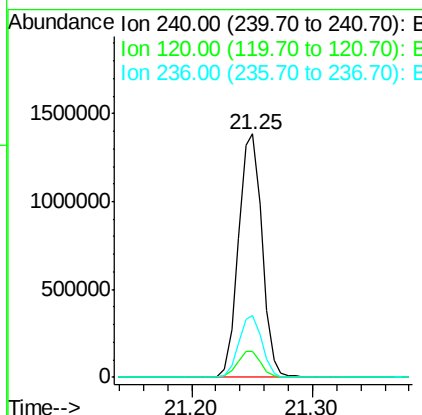
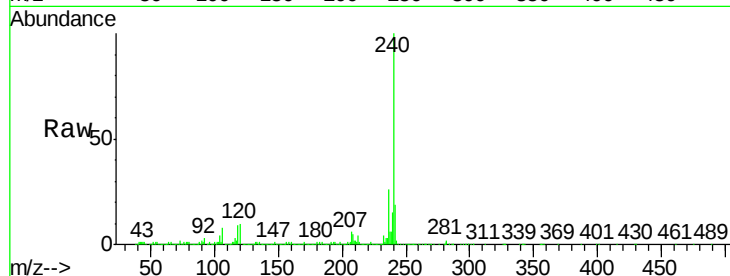




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.25 min Scan# 3105  
Delta R.T. -0.01 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

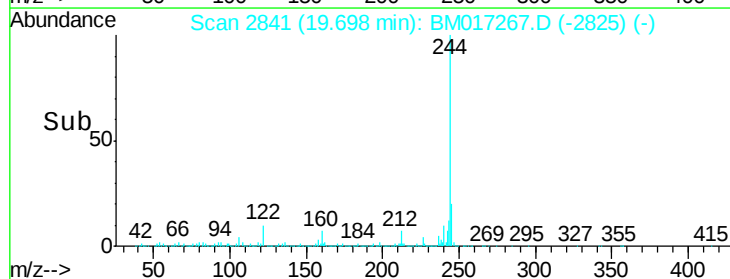
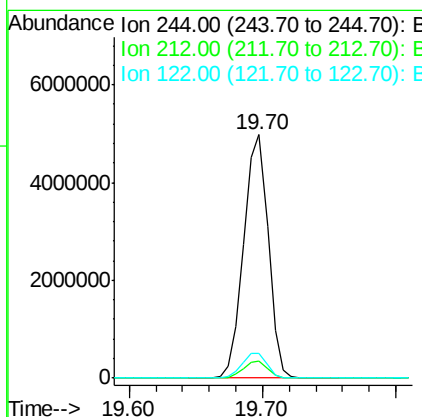
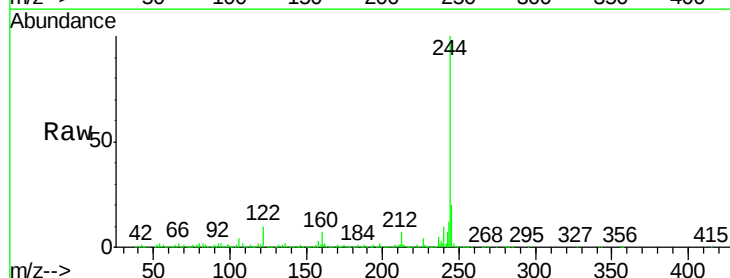
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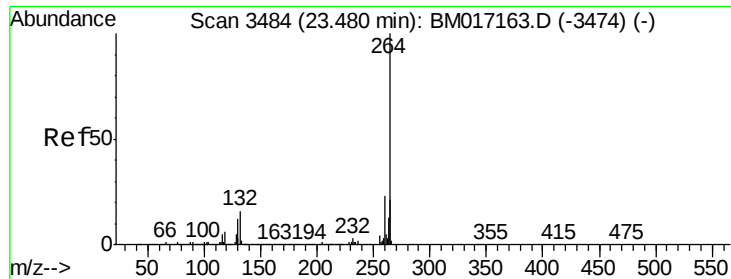
Tgt Ion:240 Resp: 1876625  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.1 12.1  
236 25.5 19.9 29.9



#79  
Terphenyl-d14  
Concen: 75.753 ng  
RT: 19.70 min Scan# 2841  
Delta R.T. -0.01 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

Tgt Ion:244 Resp: 6307000  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.5 8.3  
122 10.0 8.4 12.6





#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.46 min Scan# 3481  
Delta R.T. -0.02 min  
Lab File: BM017267.D  
Acq: 20 Oct 2018 16:15

Instrument :  
BNA\_M  
ClientSampleId :  
CNS01

Tgt Ion: 264 Resp: 1685125  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 18.6  | 27.8  |
| 265 | 22.0  | 17.8  | 26.8  |

