

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\  
 Data File : BM018870.D  
 Acq On : 20 Feb 2019 01:12  
 Operator : JU/SJ  
 Sample : K1518-16  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 20 05:43:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

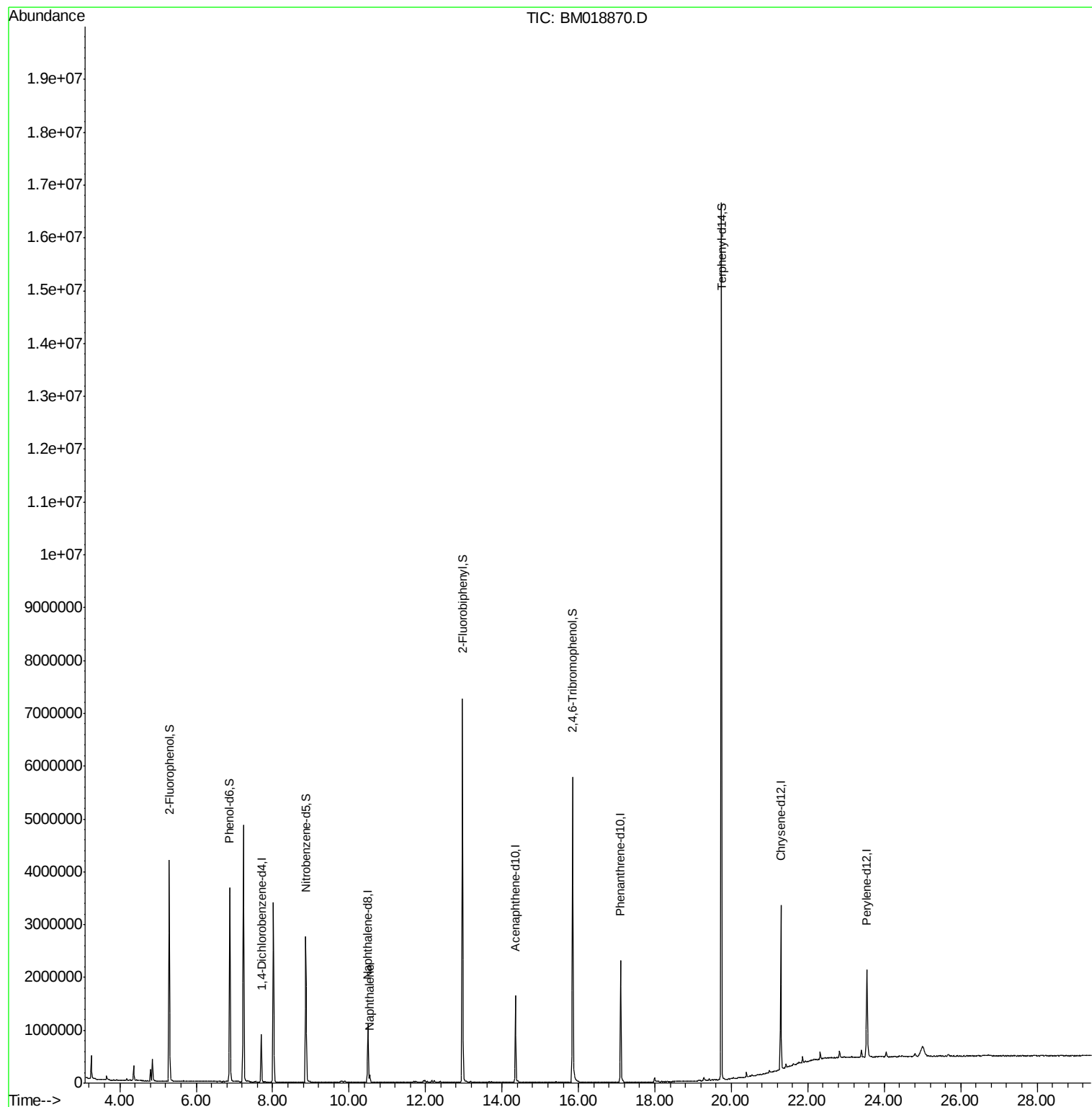
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 230013   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.49 | 136  | 898776   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.35 | 164  | 508493   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.10 | 188  | 1267940  | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.29 | 240  | 1367082  | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 23.54 | 264  | 1191916  | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.30  | 112  | 1746956  | 124.44 | ng    | 0.00      |
| 7) Phenol-d6                | 6.87  | 99   | 2085004  | 105.43 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 8.87  | 82   | 1811478  | 93.19  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 15.85 | 330  | 1078346  | 147.12 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 12.97 | 172  | 3496370  | 91.28  | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.74 | 244  | 6989828  | 105.47 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 31) Naphthalene             | 10.54 | 128  | 102782   | 2.345  | ng    | Qvalue 99 |

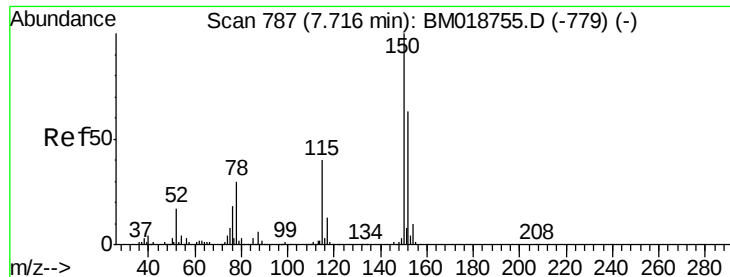
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\  
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Sample : K1518-16  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

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CABLE-BRIDGE-FOUNDATION-D-8

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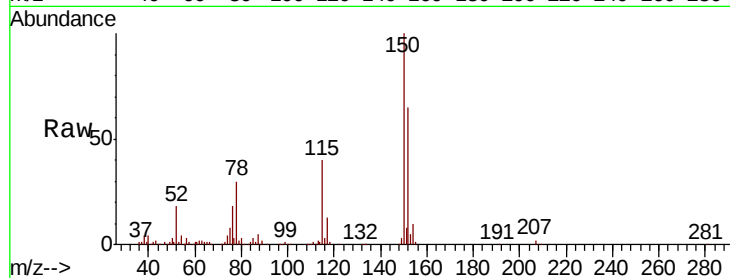


#1

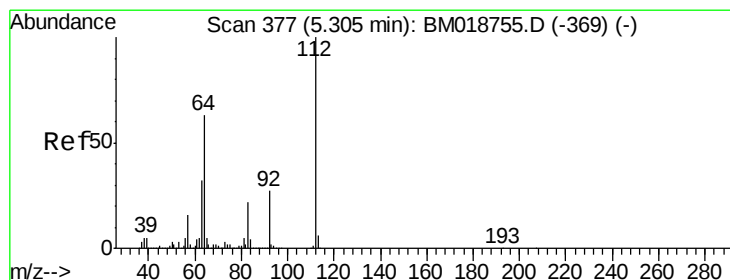
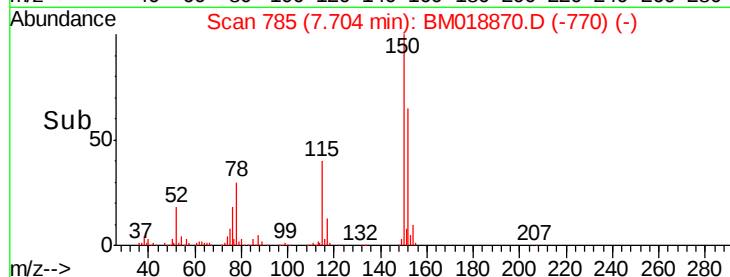
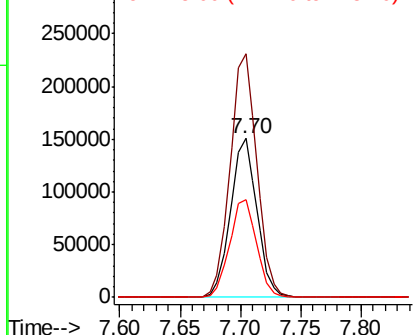
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.70 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BM018870.D  
Acq: 20 Feb 2019 01:12

Instrument :  
BNA\_M  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion:152 Resp: 230013  
Ion Ratio Lower Upper  
152 100  
150 153.5 127.3 190.9  
115 61.5 50.8 76.2



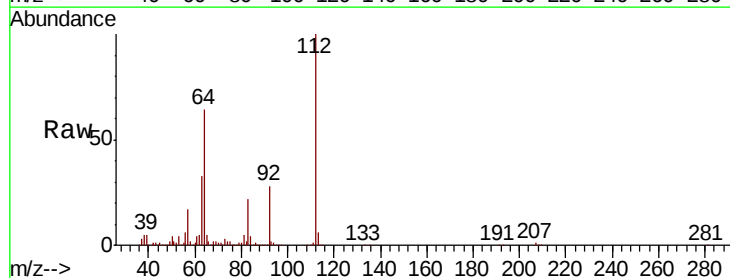
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



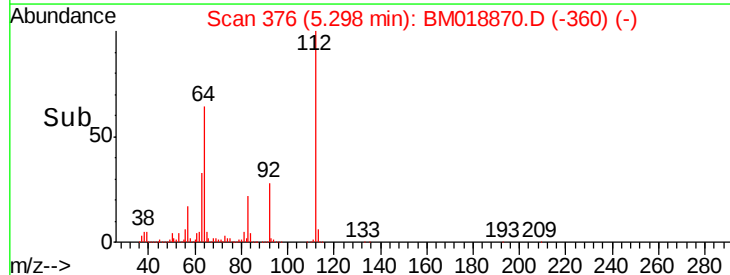
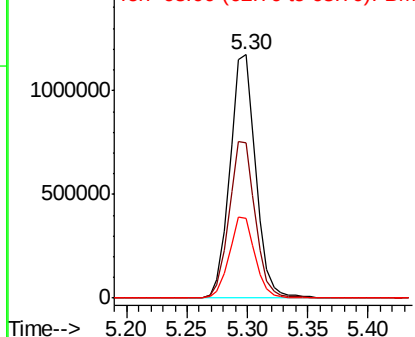
#5

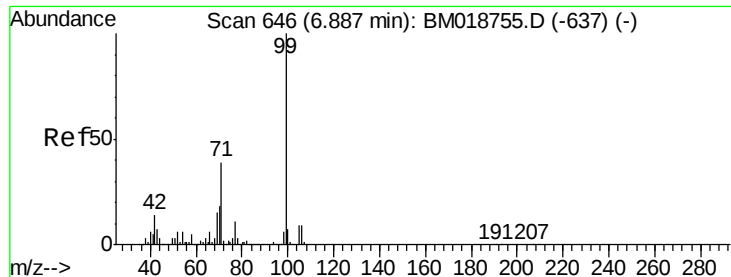
2-Fluorophenol  
Concen: 124.443 ng  
RT: 5.30 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: BM018870.D  
Acq: 20 Feb 2019 01:12

Tgt Ion:112 Resp: 1746956  
Ion Ratio Lower Upper  
112 100  
64 64.0 50.6 75.8  
63 32.6 25.7 38.5



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: 105.429 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

Instrument :

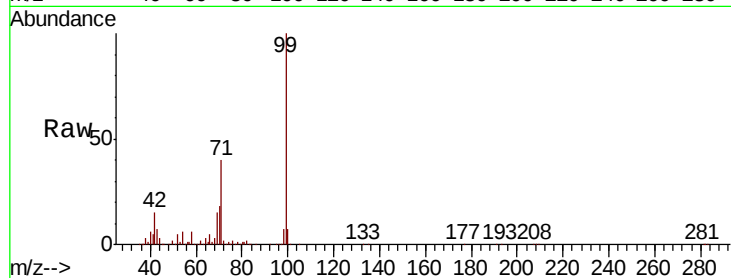
BNA\_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion: 99 Resp: 2085004

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.7  | 11.0  | 16.6  |
| 71  | 39.7  | 31.3  | 46.9  |

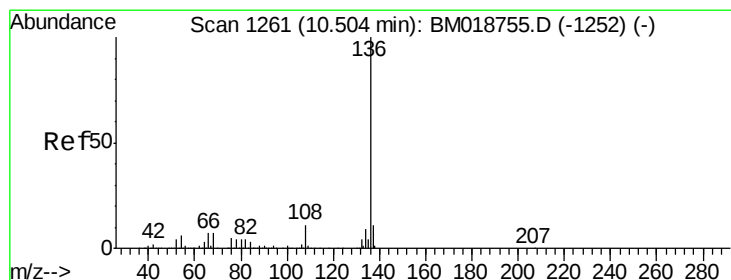
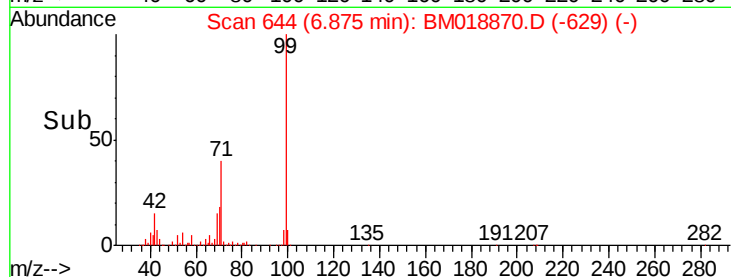
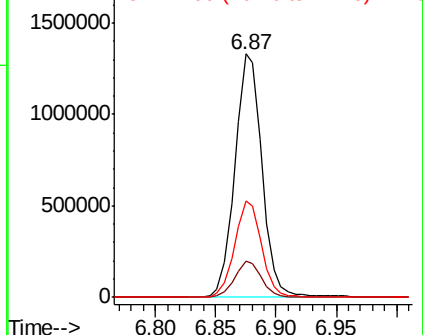


Abundance

Ion 99.00 (98.70 to 99.70): BM018870.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018870.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018870.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

Tgt Ion: 136 Resp: 898776

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.8   | 13.2  |
| 54  | 6.7   | 5.0   | 7.6   |
| 68  | 7.2   | 5.5   | 8.3   |

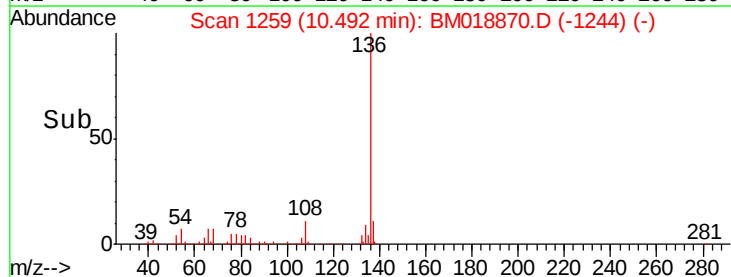
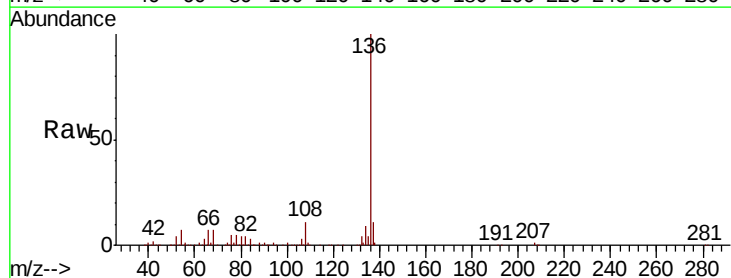
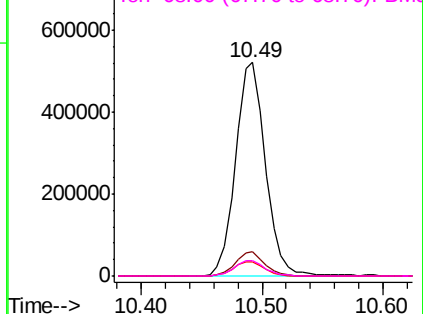
Abundance

Ion 136.00 (135.70 to 136.70): BM018870.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018870.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018870.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018870.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 93.194 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

Instrument :

BNA\_M

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

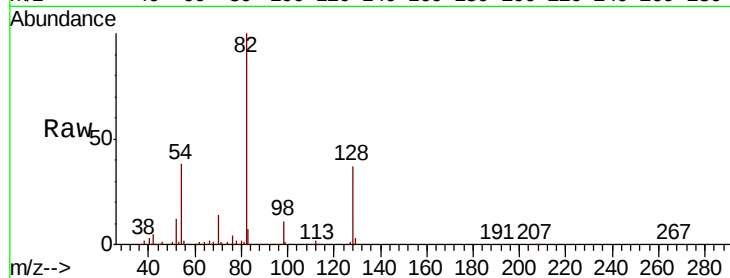
Tot Ion: 82 Resp: 1811478

Ion Ratio Lower Upper

82 100

128 36.6 29.9 44.9

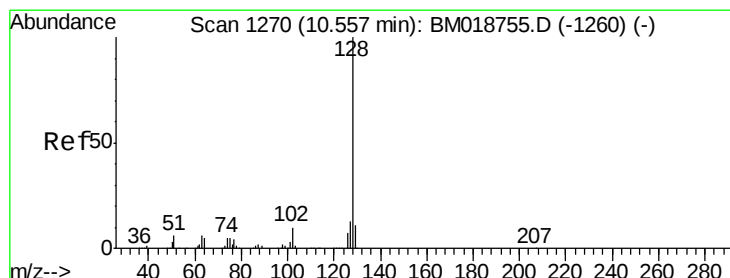
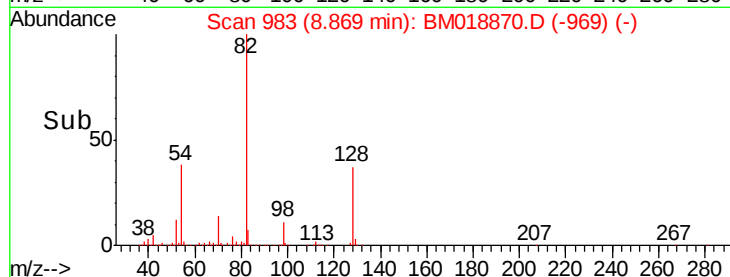
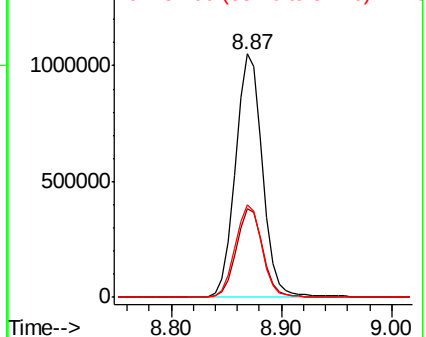
54 38.3 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018870.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018870.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018870.D (-969) (-)



#31

Naphthalene

Concen: 2.345 ng

RT: 10.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BM018870.D

Acq: 20 Feb 2019 01:12

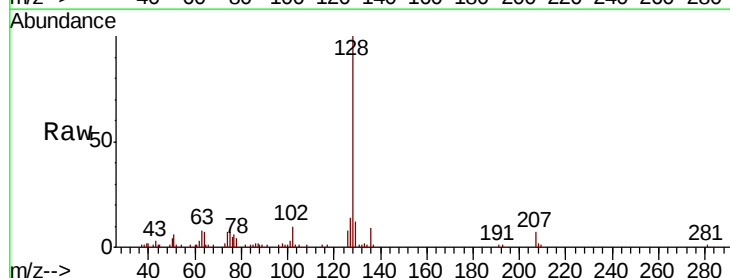
Tgt Ion: 128 Resp: 102782

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

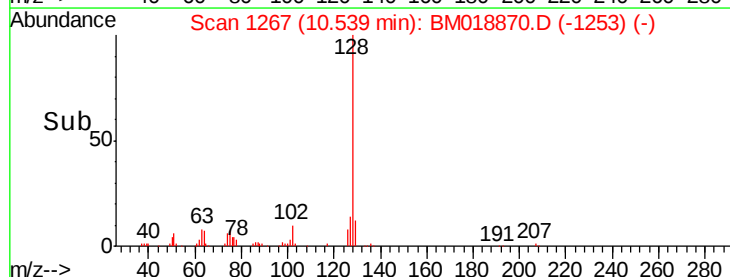
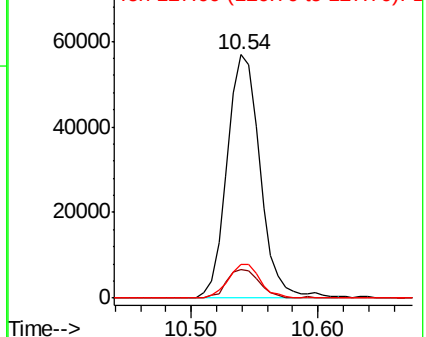
127 13.6 10.7 16.1

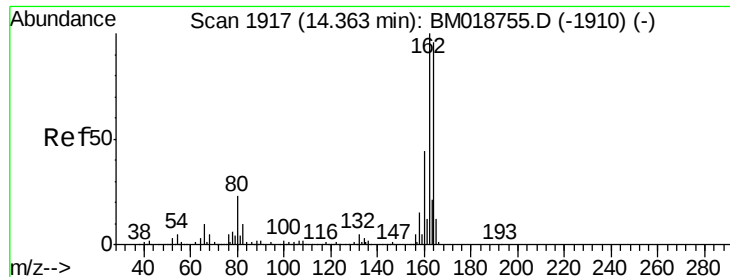


Abundance Ion 128.00 (127.70 to 128.70): BM018870.D (-1253) (-)

Ion 129.00 (128.70 to 129.70): BM018870.D (-1253) (-)

Ion 127.00 (126.70 to 127.70): BM018870.D (-1253) (-)

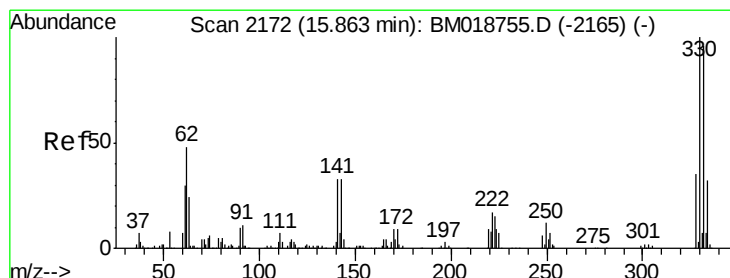
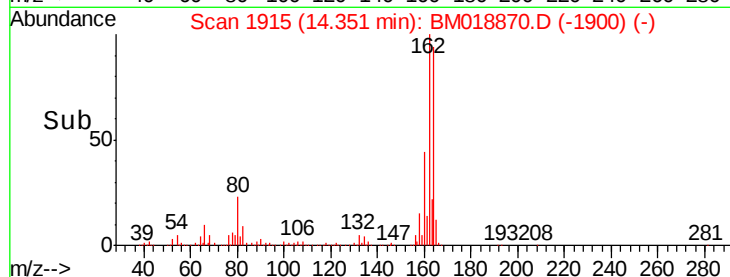
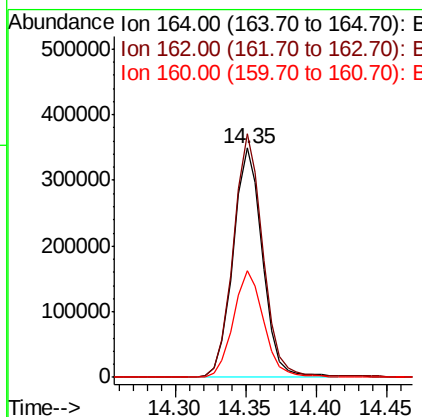
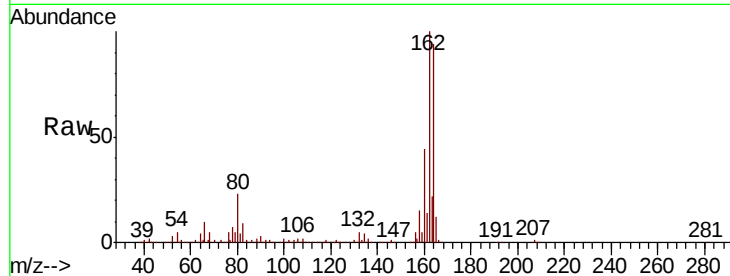




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.35 min Scan# 1915  
Delta R.T. -0.01 min  
Lab File: BM018870.D  
Acq: 20 Feb 2019 01:12

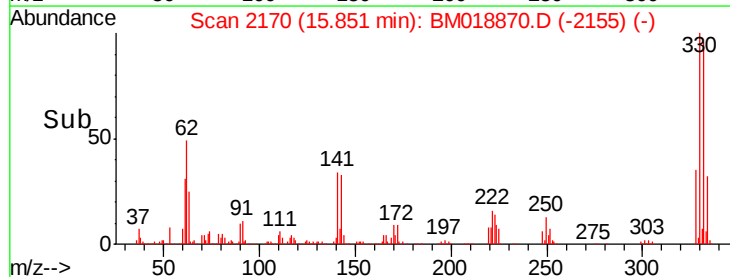
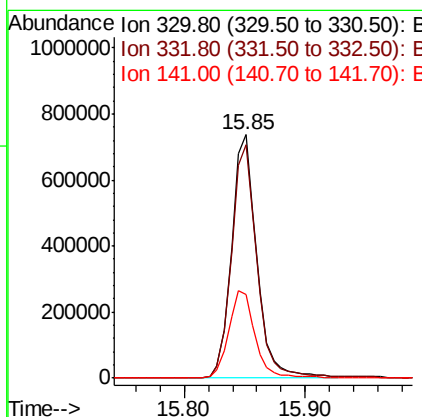
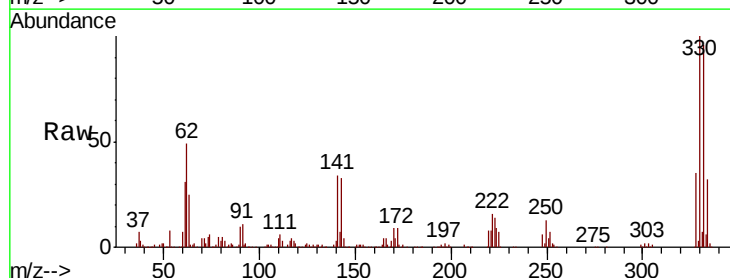
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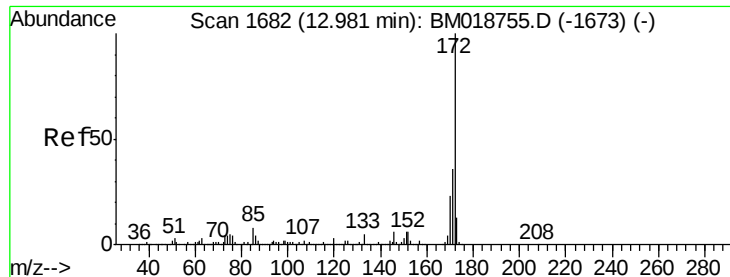
Tot Ion:164 Resp: 508493  
Ion Ratio Lower Upper  
164 100  
162 106.1 83.4 125.0  
160 46.6 36.6 55.0



#42  
2,4,6-Tribromophenol  
Concen: 147.118 ng  
RT: 15.85 min Scan# 2170  
Delta R.T. -0.01 min  
Lab File: BM018870.D  
Acq: 20 Feb 2019 01:12

Tgt Ion:330 Resp: 1078346  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.9 115.3  
141 37.2 28.7 43.1

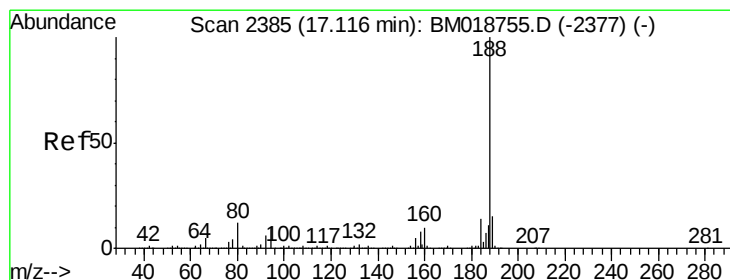
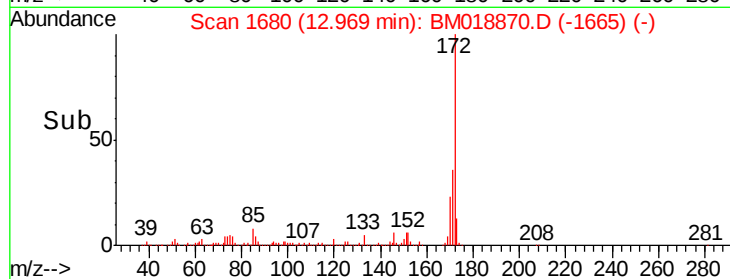
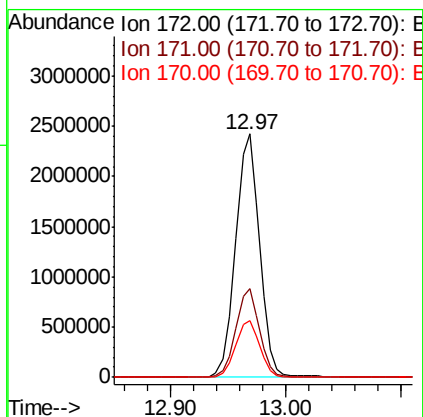
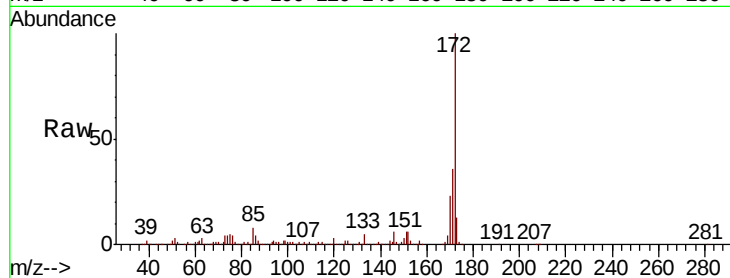




#45  
2-Fluorobiphenyl  
Concen: 91.276 ng  
RT: 12.97 min Scan# 1680  
Delta R.T. -0.01 min  
Lab File: BM018870.D  
Acq: 20 Feb 2019 01:12

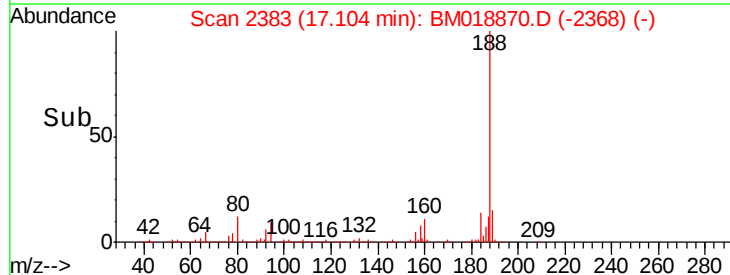
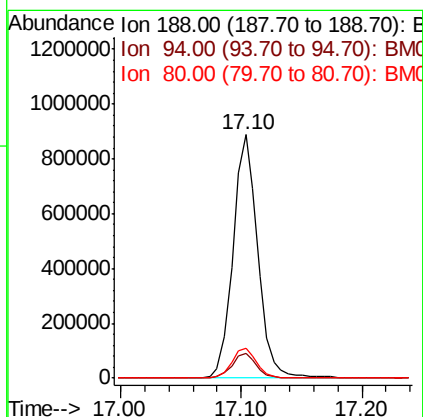
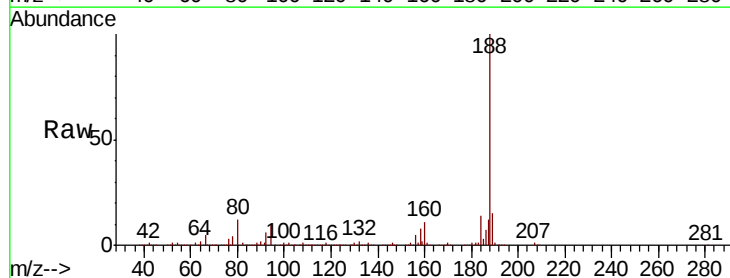
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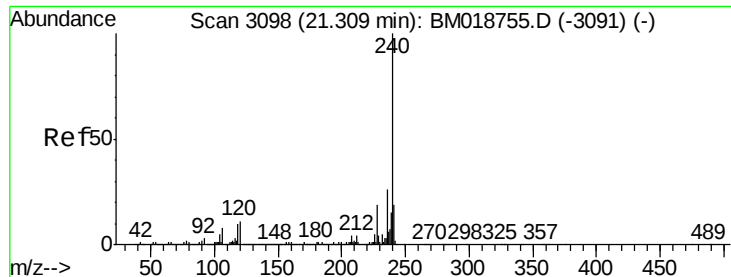
Tot Ion:172 Resp: 3496370  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 23.5 18.6 28.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.10 min Scan# 2383  
Delta R.T. -0.01 min  
Lab File: BM018870.D  
Acq: 20 Feb 2019 01:12

Tgt Ion:188 Resp: 1267940  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.2 12.2  
80 12.2 9.7 14.5

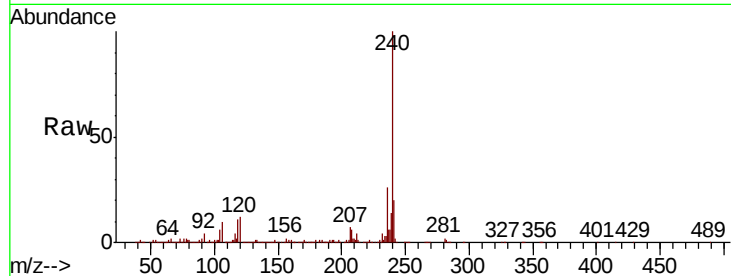




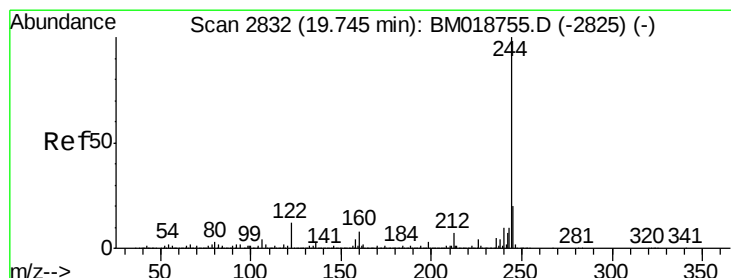
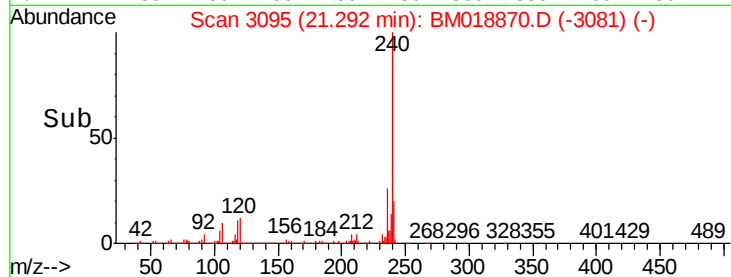
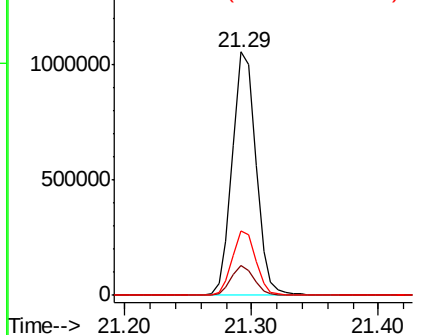
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.29 min Scan# 3095  
 Delta R.T. -0.02 min  
 Lab File: BM018870.D  
 Acq: 20 Feb 2019 01:12

Instrument :  
 BNA\_M  
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Tot Ion:240 Resp: 1367082  
 Ion Ratio Lower Upper  
 240 100  
 120 12.4 8.9 13.3  
 236 26.2 20.9 31.3

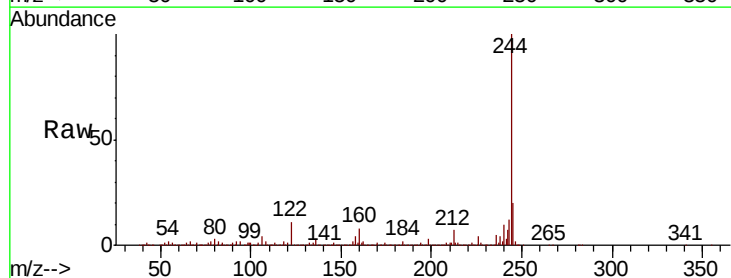


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

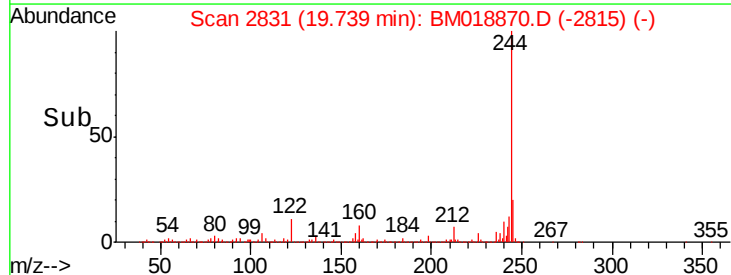
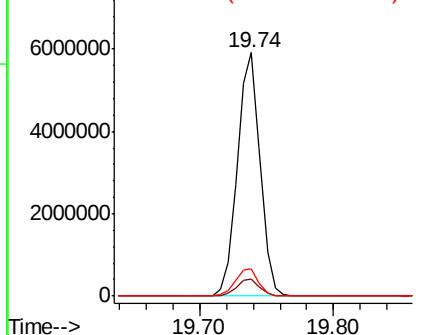


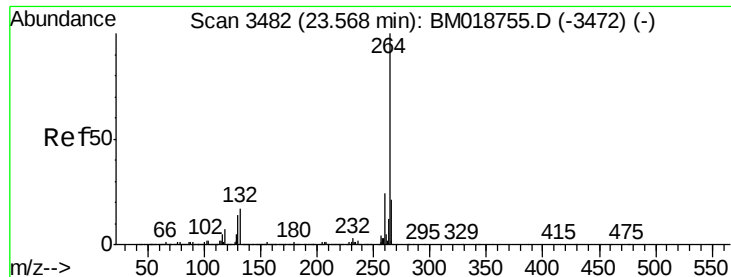
#79  
 Terphenyl-d14  
 Concen: 105.475 ng  
 RT: 19.74 min Scan# 2831  
 Delta R.T. -0.01 min  
 Lab File: BM018870.D  
 Acq: 20 Feb 2019 01:12

Tgt Ion:244 Resp: 6989828  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 11.2 9.3 13.9



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





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.54 min Scan# 3478  
Delta R.T. -0.02 min  
Lab File: BM018870.D  
Acq: 20 Feb 2019 01:12

Instrument :  
BNA\_M  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion:264 Resp: 1191916  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.9  | 28.3  |
| 265 | 22.4  | 17.3  | 25.9  |

