

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM112118\  
 Data File : BM017735.D  
 Acq On : 21 Nov 2018 17:34  
 Operator : MJ/SJ  
 Sample : J6023-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 111918-JETT-E-D-M

Quant Time: Nov 22 01:49:19 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

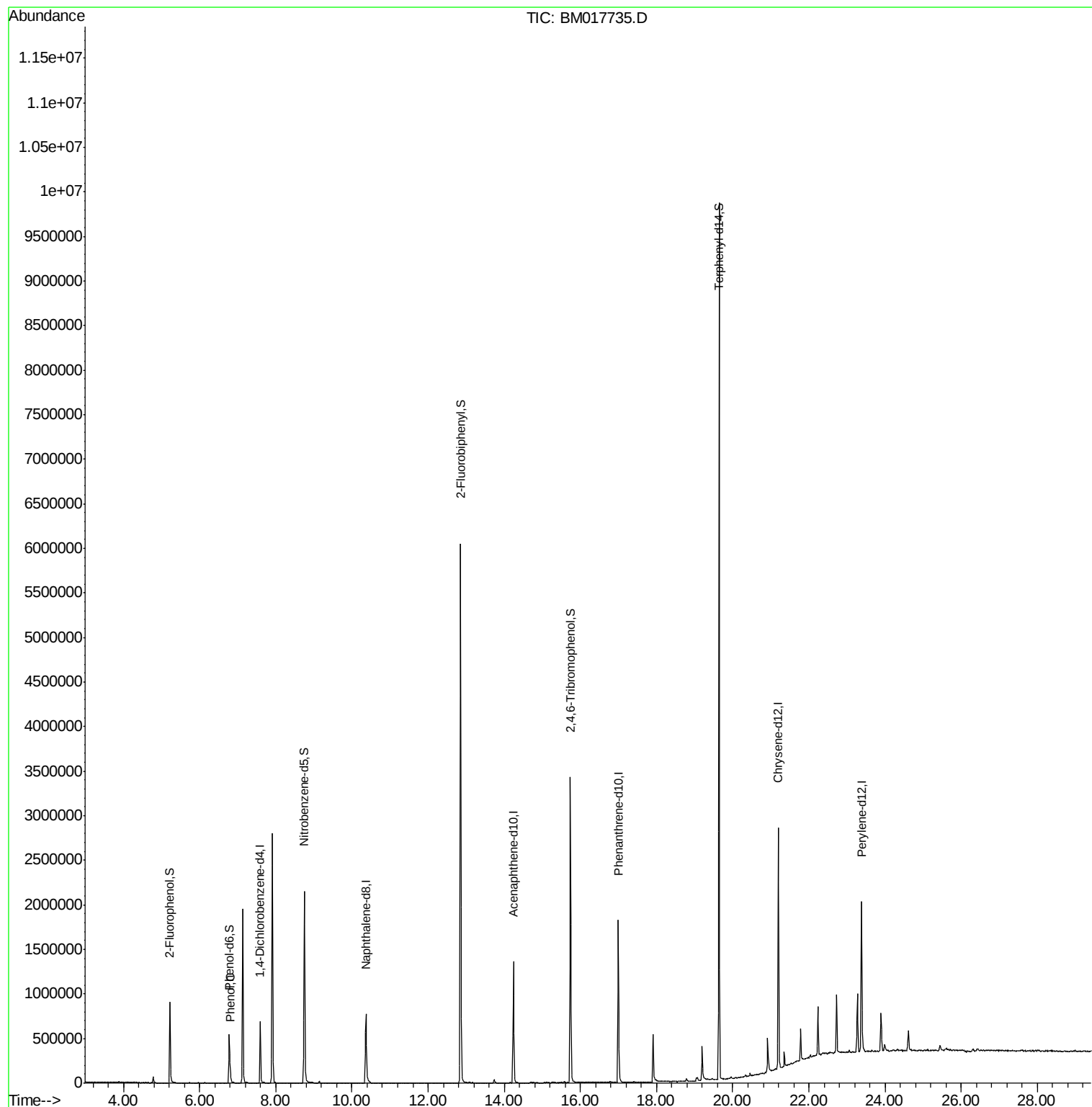
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 179625   | 20.00 | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.37 | 136  | 746665   | 20.00 | ng    | -0.02     |
| 39) Acenaphthene-d10        | 14.24 | 164  | 476511   | 20.00 | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.00 | 188  | 1116119  | 20.00 | ng    | -0.02     |
| 76) Chrysene-d12            | 21.20 | 240  | 1261222  | 20.00 | ng    | -0.02     |
| 87) Perylene-d12            | 23.39 | 264  | 1213933  | 20.00 | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.22  | 112  | 388918   | 36.54 | ng    | -0.02     |
| 7) Phenol-d6                | 6.78  | 99   | 304885   | 20.51 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.75  | 82   | 1290853  | 89.25 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 15.74 | 330  | 595992   | 87.05 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 12.86 | 172  | 3220949  | 87.69 | ng    | -0.02     |
| 79) Terphenyl-d14           | 19.64 | 244  | 4565191  | 82.04 | ng    | -0.01     |
| Target Compounds            |       |      |          |       |       |           |
| 10) Phenol                  | 6.81  | 94   | 52628    | 3.373 | ng    | Qvalue 96 |

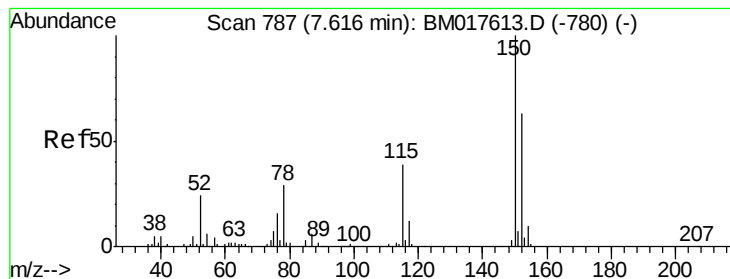
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J6023-02  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Time: Nov 22 01:49:19 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM112118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 12 18:37:25 2018  
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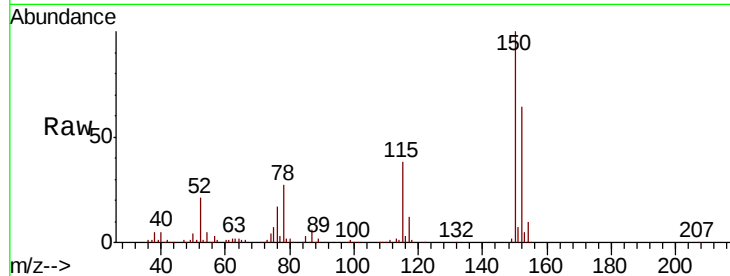


#1

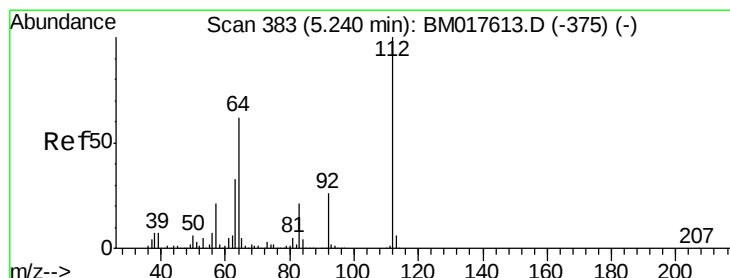
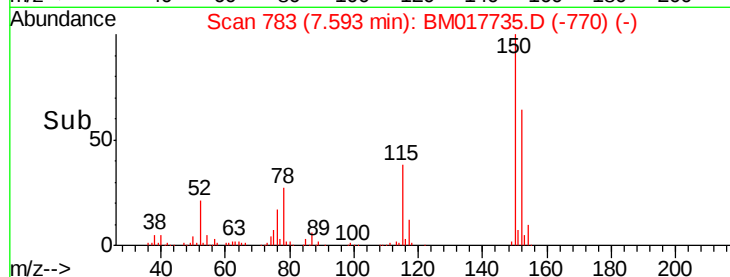
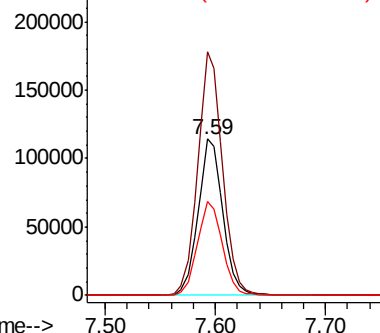
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.59 min Scan# 783  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

Instrument :  
BNA\_M  
ClientSampleId :  
111918-JETT-E-D-M

Tgt Ion:152 Resp: 179625  
Ion Ratio Lower Upper  
152 100  
150 155.6 126.4 189.6  
115 59.6 49.4 74.0



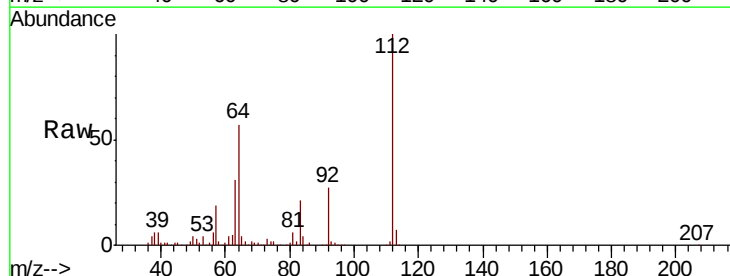
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



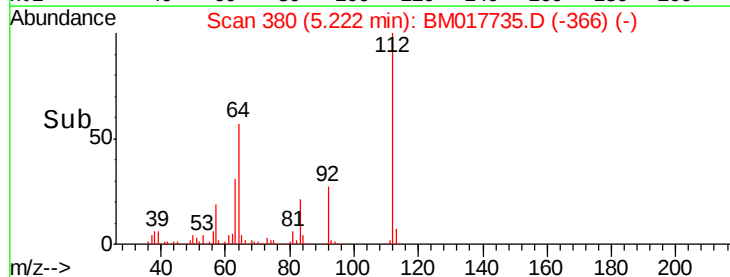
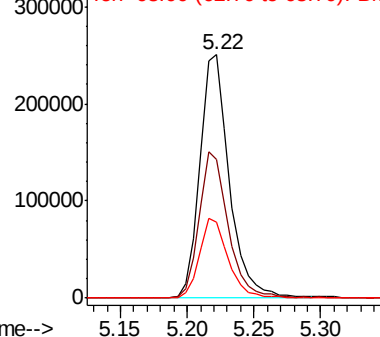
#5

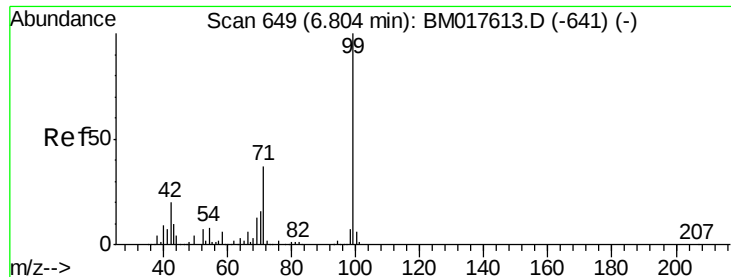
2-Fluorophenol  
Concen: 36.540 ng  
RT: 5.22 min Scan# 380  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

Tgt Ion:112 Resp: 388918  
Ion Ratio Lower Upper  
112 100  
64 57.0 49.3 73.9  
63 31.1 26.2 39.4



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: 20.510 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017735.D

Acq: 21 Nov 2018 17:34

Instrument :

BNA\_M

ClientSampleId :

111918-JETT-E-D-M

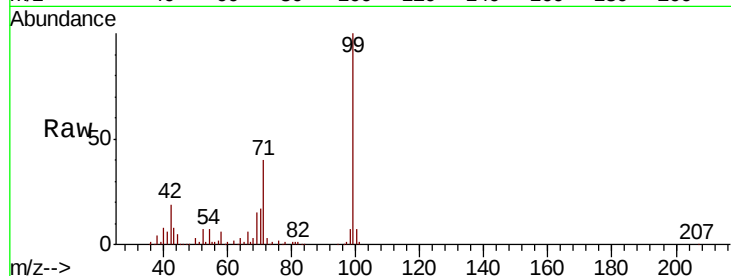
Tgt Ion: 99 Resp: 304885

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

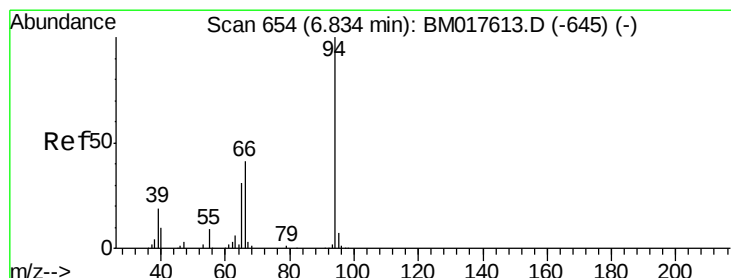
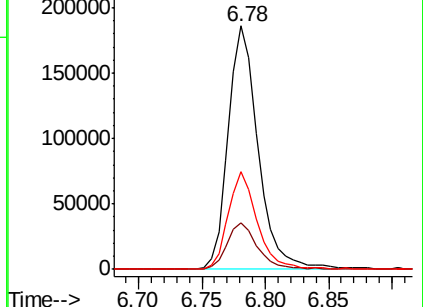
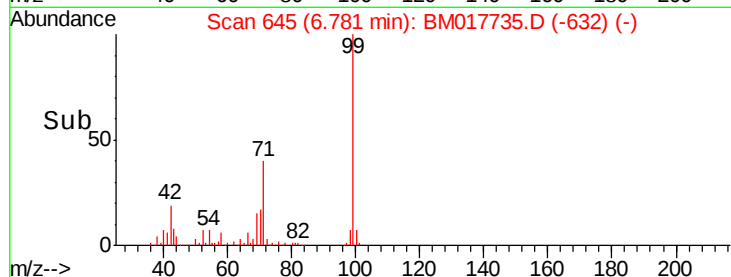
71 40.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017735.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017735.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017735.D (-632) (-)



#10

Phenol

Concen: 3.373 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017735.D

Acq: 21 Nov 2018 17:34

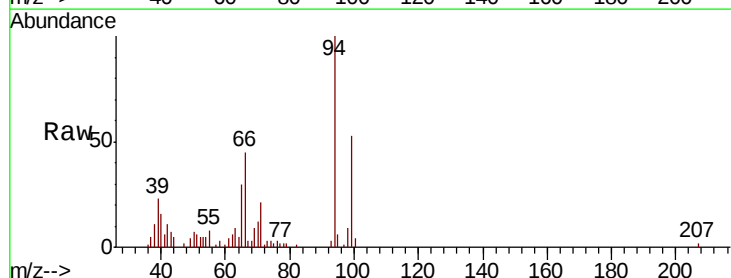
Tgt Ion: 94 Resp: 52628

Ion Ratio Lower Upper

94 100

65 30.4 11.4 51.4

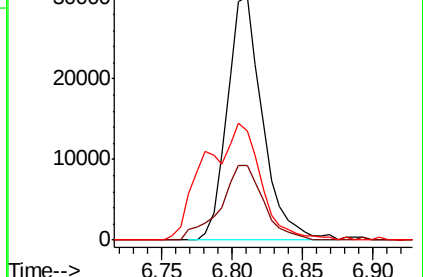
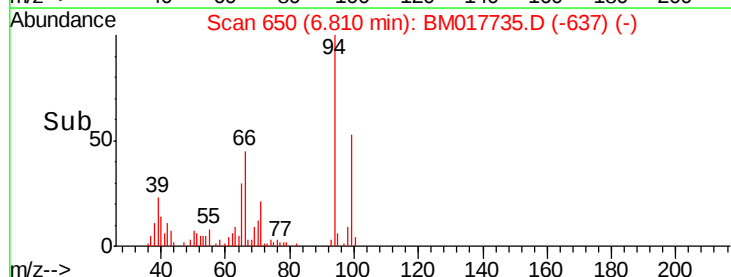
66 44.9 21.4 61.4



Abundance Ion 94.00 (93.70 to 94.70): BM017735.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017735.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017735.D (-637) (-)

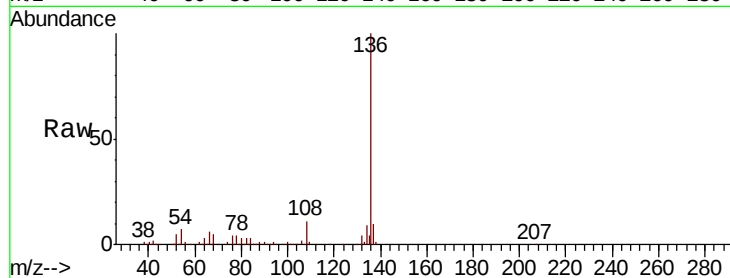




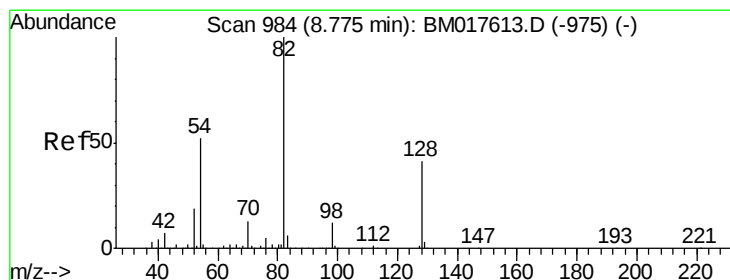
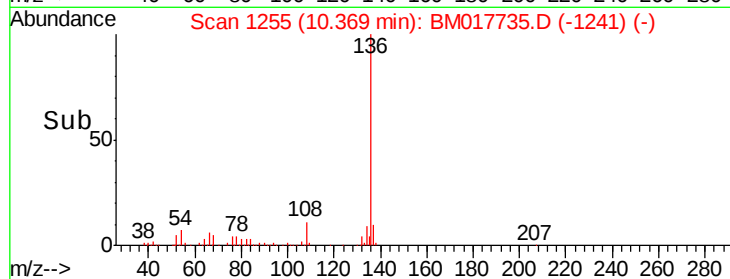
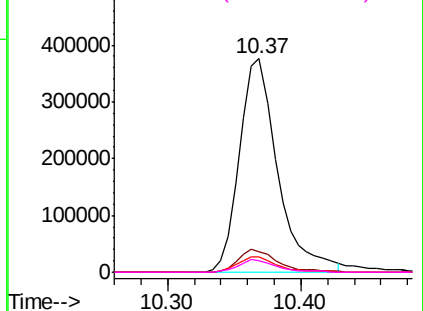
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.37 min Scan# 1255  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

Instrument :  
BNA\_M  
ClientSampleId :  
111918-JETT-E-D-M

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 746665 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 9.8   | 8.6   | 12.8   |
| 54       | 6.9   | 7.0   | 10.6#  |
| 68       | 5.3   | 4.9   | 7.3    |

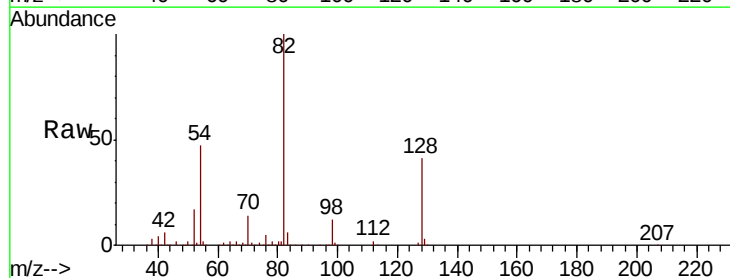


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

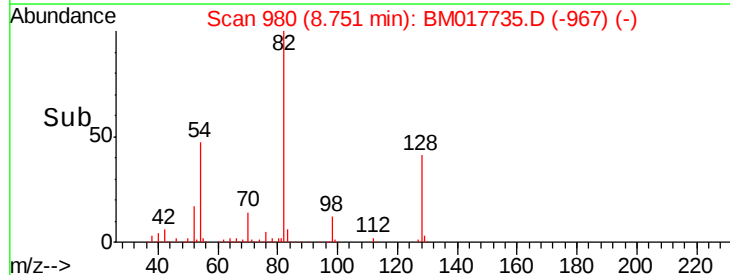
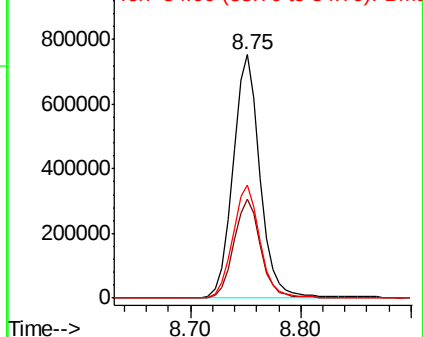


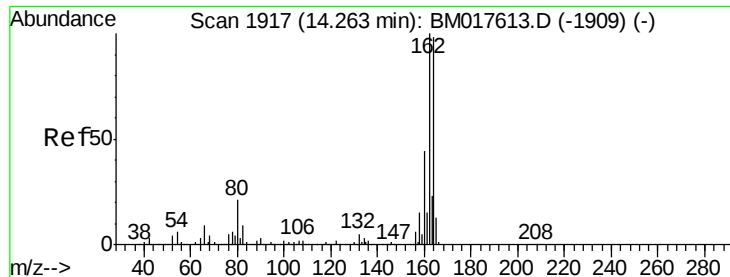
#23  
Nitrobenzene-d5  
Concen: 89.251 ng  
RT: 8.75 min Scan# 980  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1290853 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 40.7  | 33.0  | 49.4    |
| 54       | 46.6  | 41.4  | 62.2    |



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: 14.24 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM017735.D

Acq: 21 Nov 2018 17:34

Instrument :

BNA\_M

ClientSampleId :

111918-JETT-E-D-M

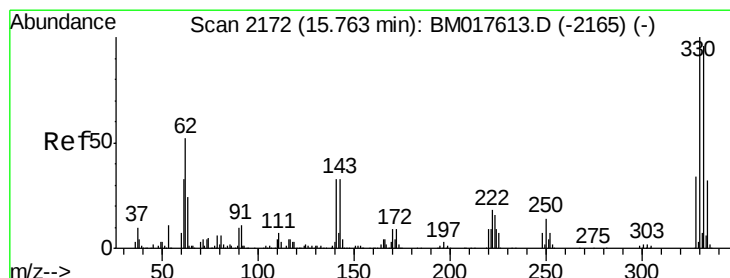
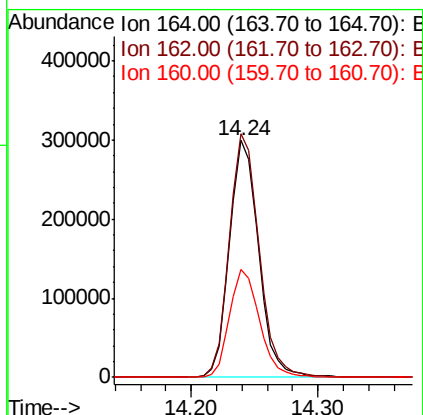
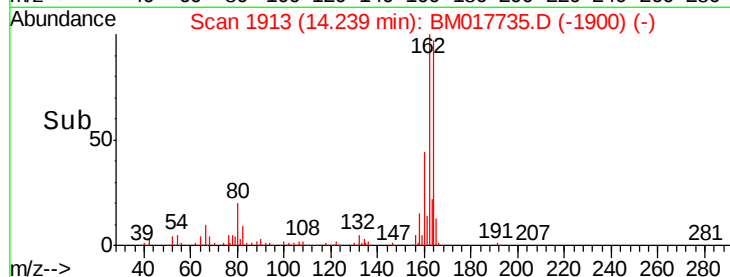
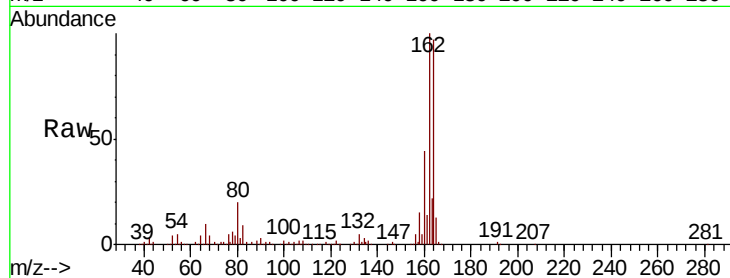
Tgt Ion:164 Resp: 476511

Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 45.3 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 87.047 ng

RT: 15.74 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM017735.D

Acq: 21 Nov 2018 17:34

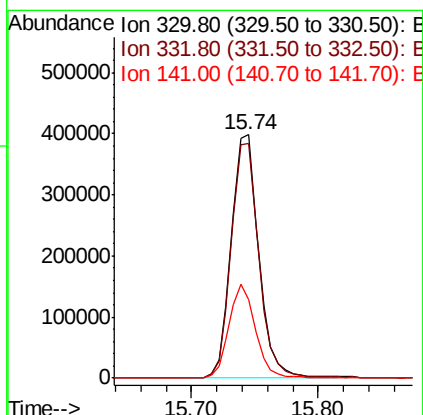
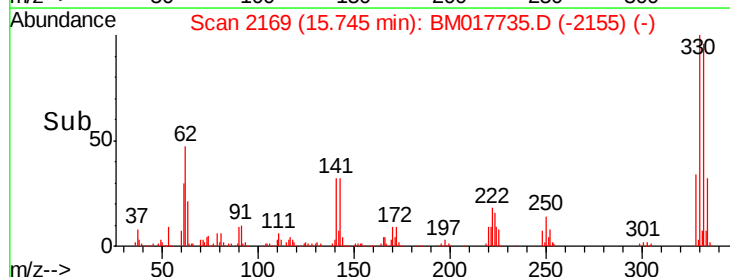
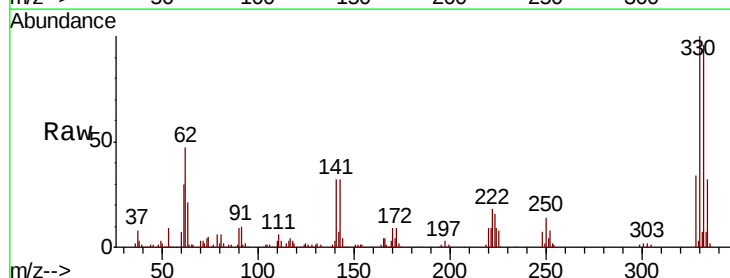
Tgt Ion:330 Resp: 595992

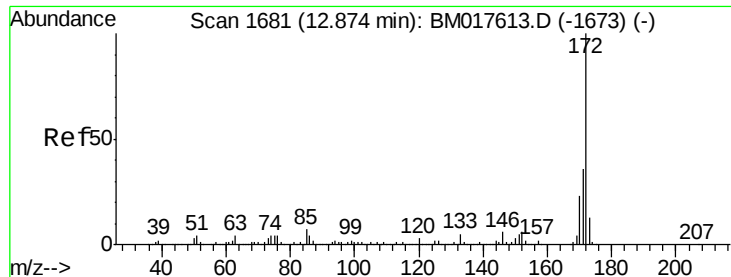
Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

141 37.2 27.5 41.3

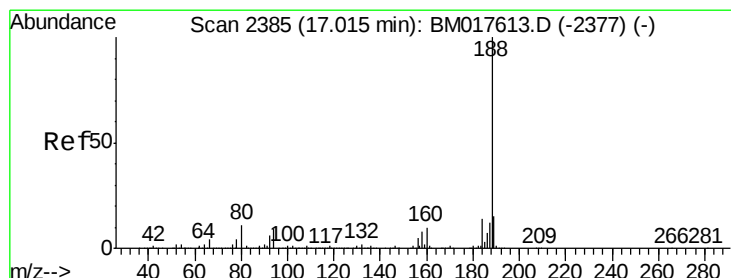
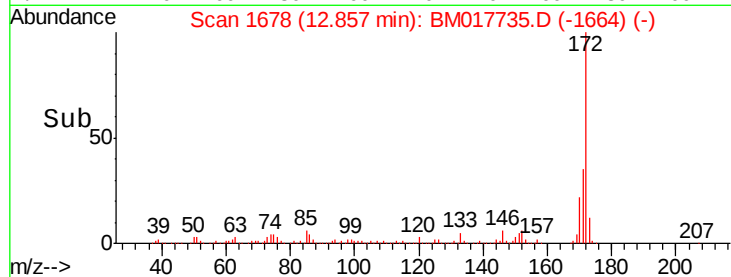
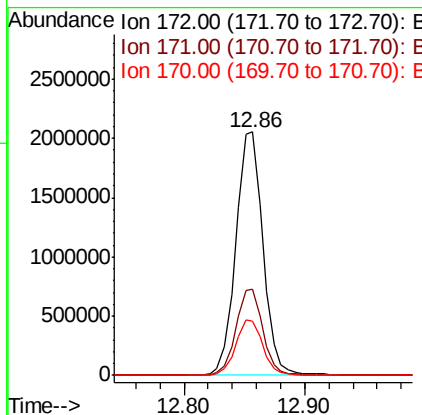
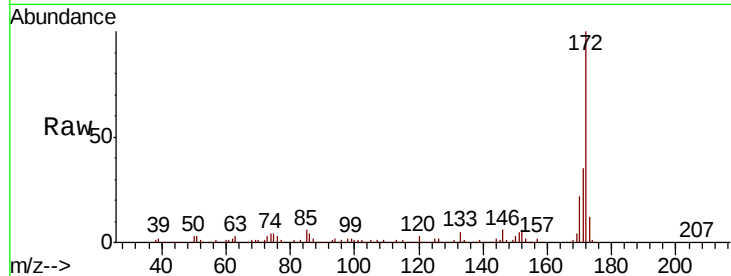




#45  
2-Fluorobiphenyl  
Concen: 87.693 ng  
RT: 12.86 min Scan# 1678  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

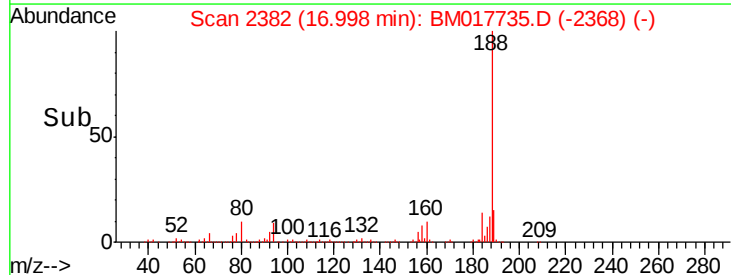
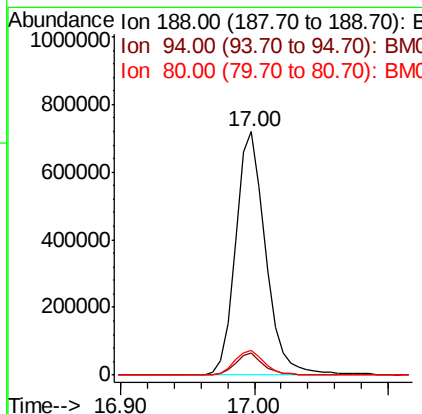
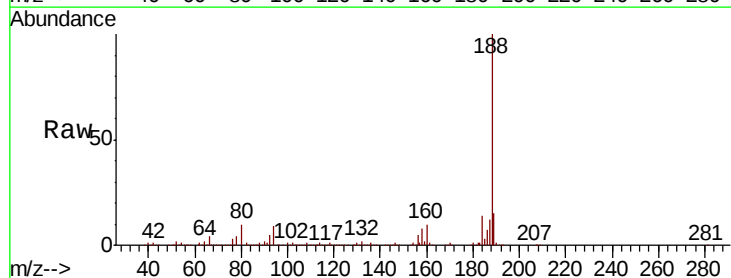
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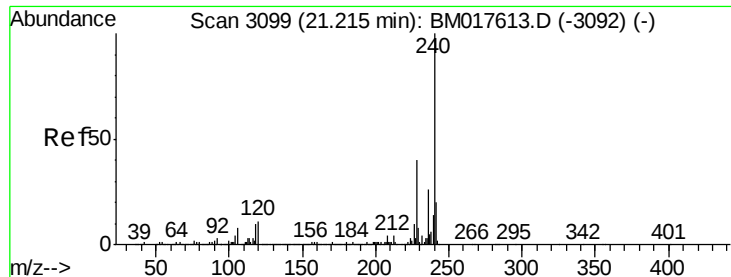
Tgt Ion:172 Resp: 3220949  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.7 43.1  
170 22.4 18.3 27.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.00 min Scan# 2382  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

Tgt Ion:188 Resp: 1116119  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.5 11.3  
80 10.0 8.6 13.0

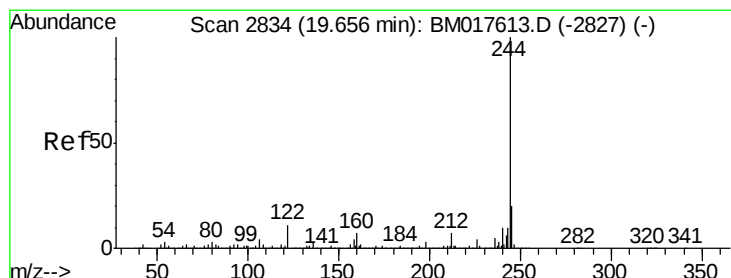
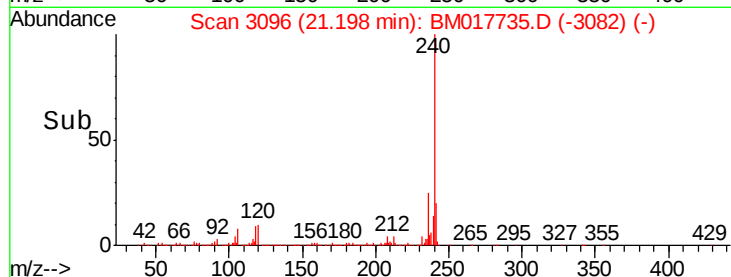
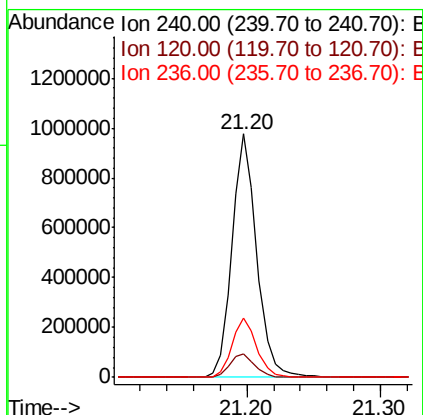
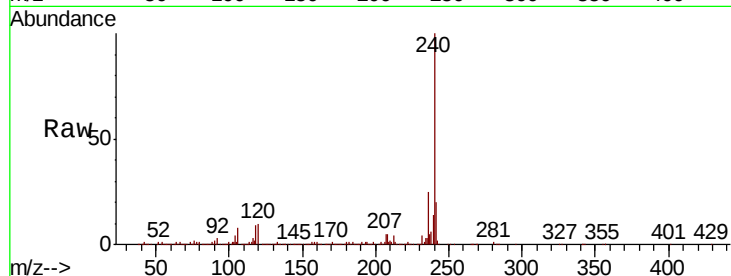




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.20 min Scan# 3096  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

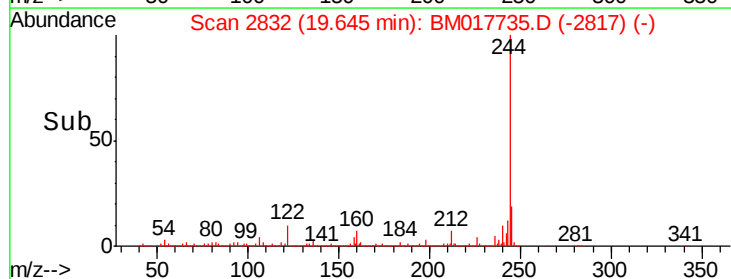
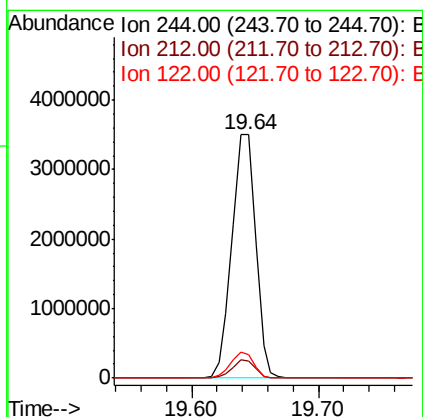
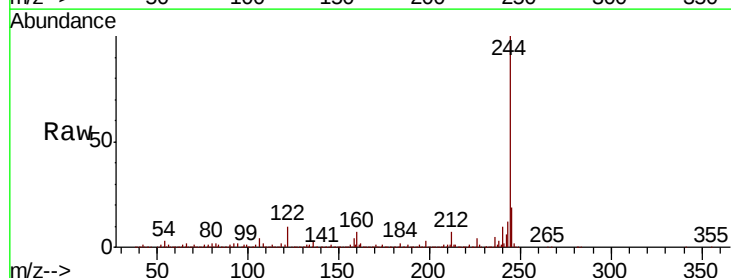
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BNA\_M  
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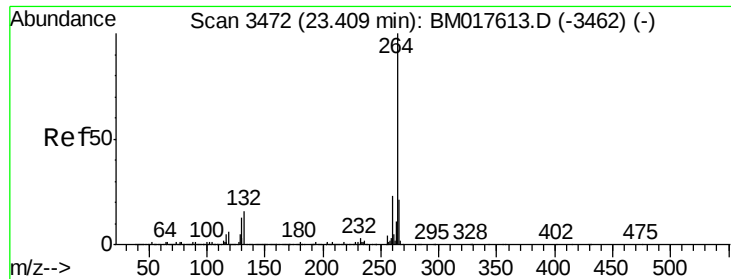
Tgt Ion:240 Resp: 1261222  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.5 12.7  
236 24.6 20.4 30.6



#79  
Terphenyl-d14  
Concen: 82.037 ng  
RT: 19.64 min Scan# 2832  
Delta R.T. -0.01 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

Tgt Ion:244 Resp: 4565191  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.6  
122 9.8 9.0 13.6





#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.39 min Scan# 3468  
Delta R.T. -0.02 min  
Lab File: BM017735.D  
Acq: 21 Nov 2018 17:34

Instrument :  
BNA\_M  
ClientSampleId :  
111918-JETT-E-D-M

Tgt Ion:264 Resp: 1213933  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.9  | 18.2  | 27.2  |
| 265 | 21.8  | 17.5  | 26.3  |

