

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\  
 Data File : BM016409.D  
 Acq On : 16 Aug 2018 09:50  
 Operator : SJ/JU  
 Sample : J4462-06  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 081318-DBRI-F-D-S

Quant Time: Aug 16 12:04:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 15 11:23:48 2018  
 Response via : Initial Calibration

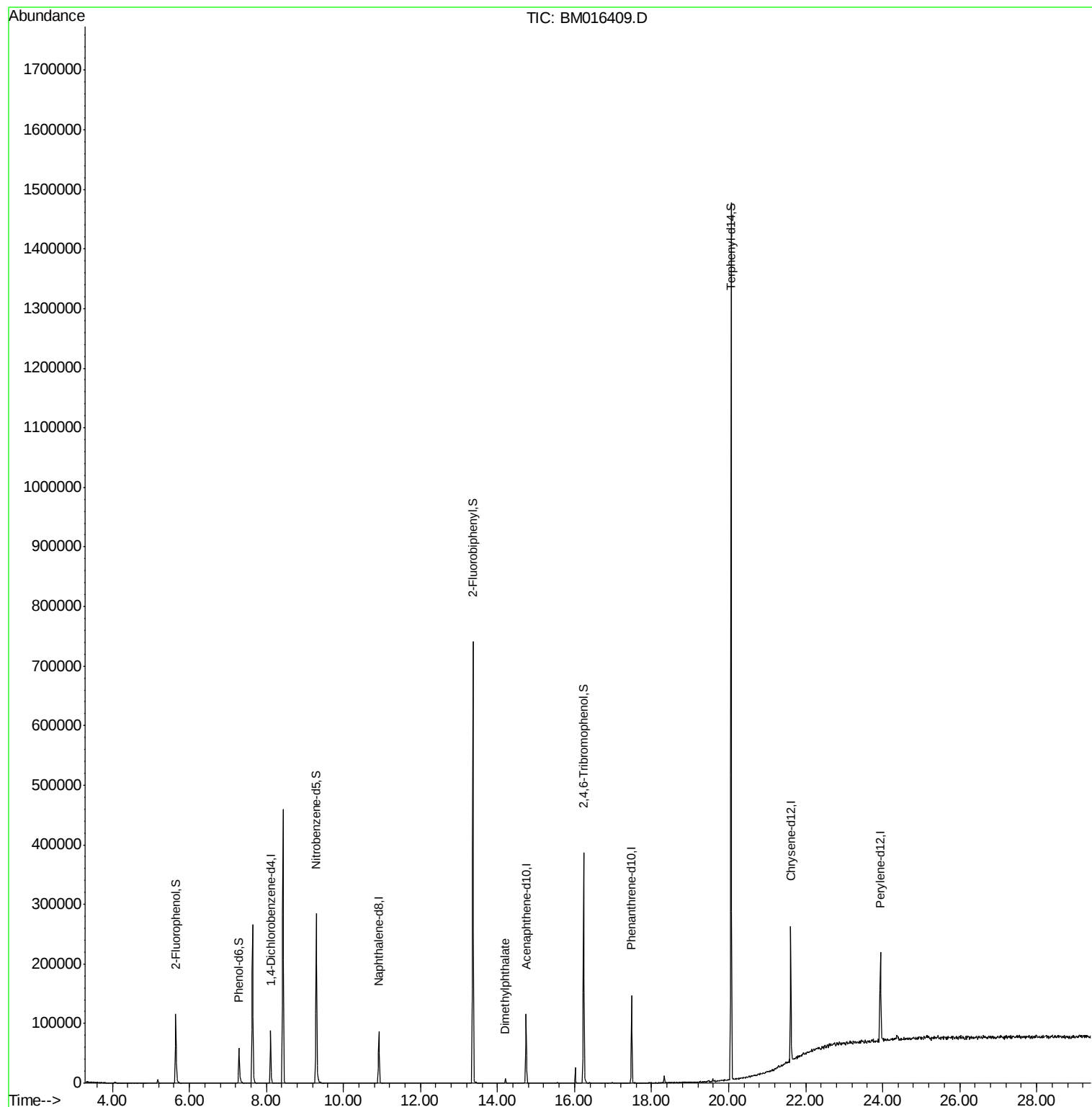
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.11  | 152  | 17106    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.92 | 136  | 57650    | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.75 | 164  | 31001    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.48 | 188  | 70078    | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 21.62 | 240  | 89943    | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.94 | 264  | 100720   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.65  | 112  | 38395    | 37.28  | ng    | 0.00           |
| 7) Phenol-d6                | 7.29  | 99   | 25308    | 18.82  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.29  | 82   | 136989   | 110.52 | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 16.23 | 330  | 34270    | 87.16  | ng    | -0.01          |
| 44) 2-Fluorobiphenyl        | 13.36 | 172  | 262869   | 103.17 | ng    | -0.01          |
| 78) Terphenyl-d14           | 20.06 | 244  | 420192   | 97.79  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.20 | 163  | 5538     | 2.041  | ng    | Qvalue<br># 77 |

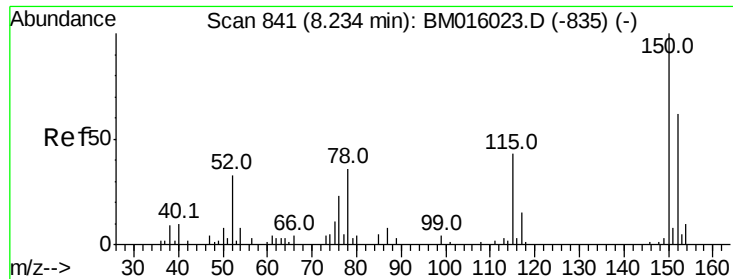
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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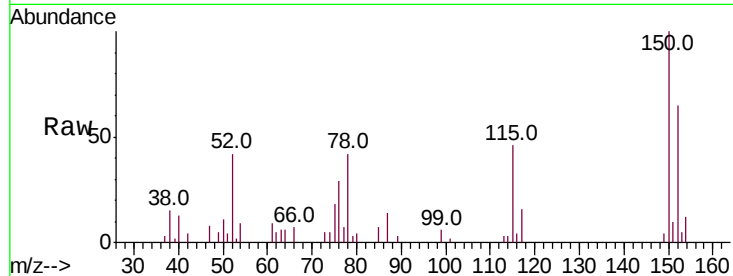




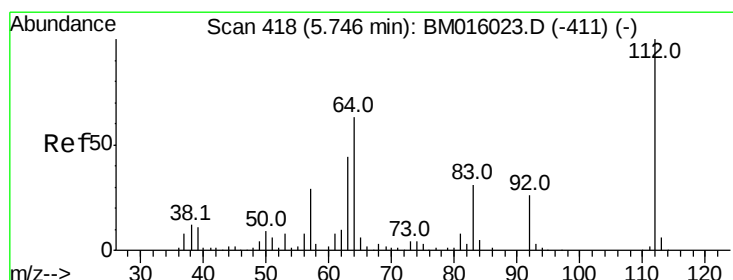
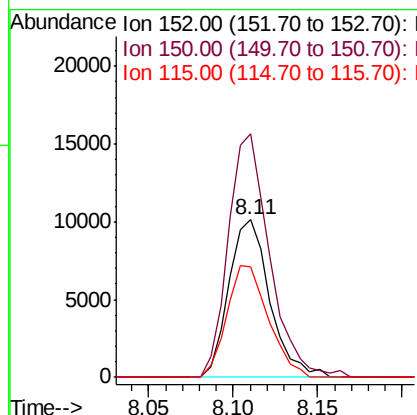
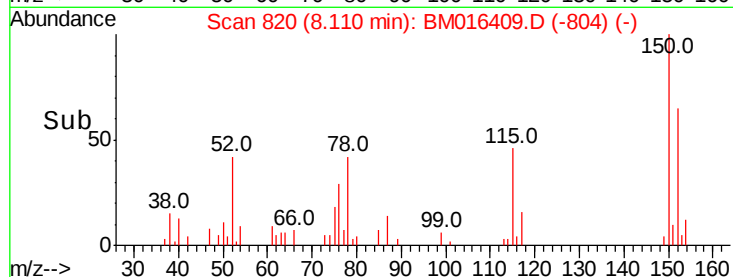
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.11 min Scan# 820  
 Delta R.T. -0.01 min  
 Lab File: BM016409.D  
 Acq: 16 Aug 2018 09:50

Instrument :  
 BNA\_M  
 ClientSampleId :  
 081318-DBRI-F-D-S

Tot Ion:152 Resp: 17106  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 119.5 179.3  
 115 70.6 43.0 64.4#

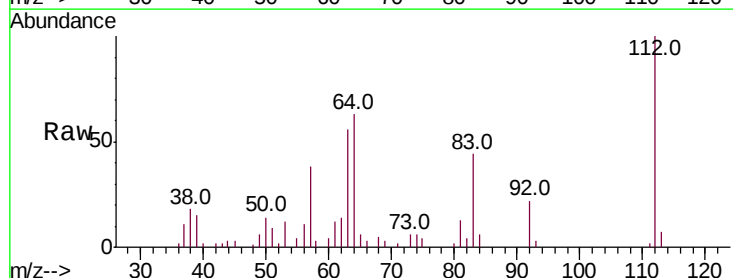


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

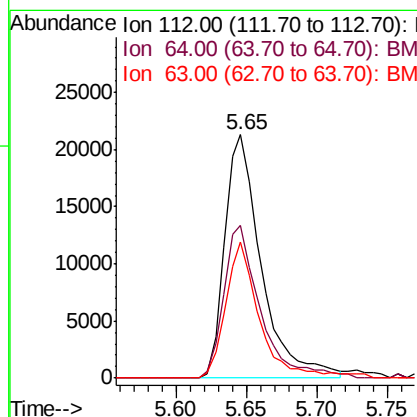
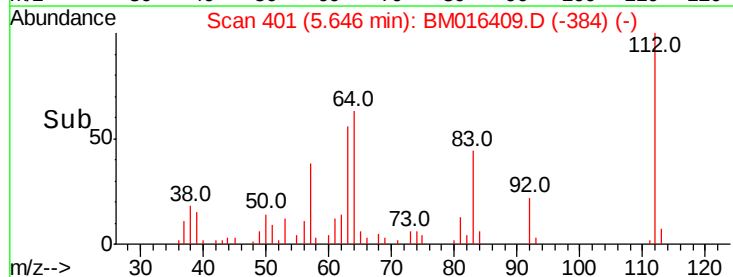


#5  
 2-Fluorophenol  
 Concen: N.D. ng  
 RT: 5.65 min Scan# 401  
 Delta R.T. 0.00 min  
 Lab File: BM016409.D  
 Acq: 16 Aug 2018 09:50

Tgt Ion:112 Resp: 38395  
 Ion Ratio Lower Upper  
 112 100  
 64 62.8 38.6 57.8#  
 63 55.9 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: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016409.D

Acq: 16 Aug 2018 09:50

Instrument :

BNA\_M

ClientSampleId :

081318-DBRI-F-D-S

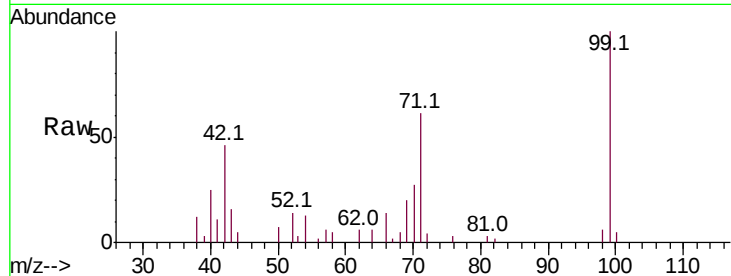
Tot Ion: 99 Resp: 25308

Ion Ratio Lower Upper

99 100

42 46.3 11.0 16.4#

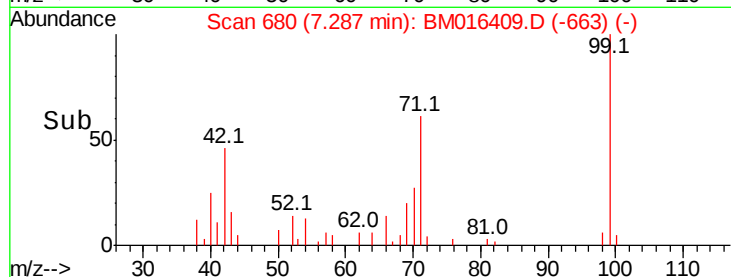
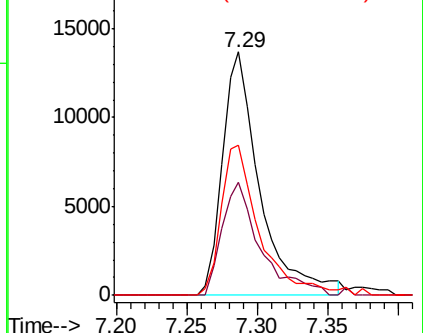
71 61.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016409.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016409.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016409.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016409.D

Acq: 16 Aug 2018 09:50

Tgt Ion: 136 Resp: 57650

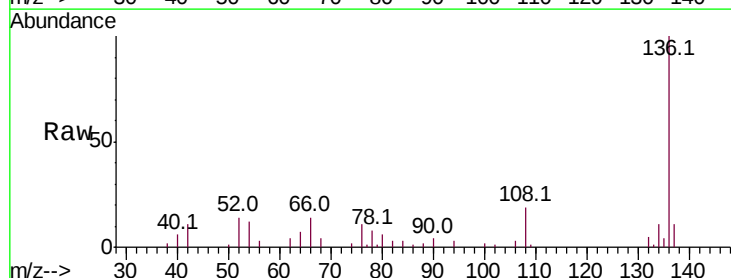
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 12.4 4.6 6.8#

68 3.8 3.7 5.5

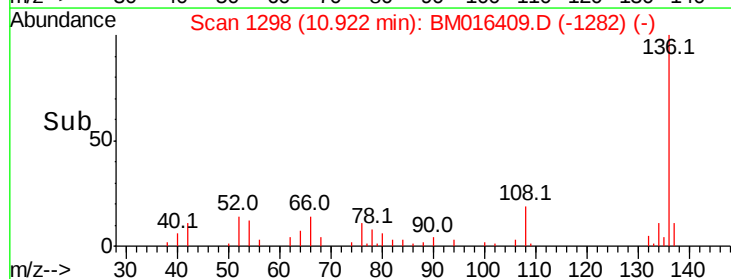
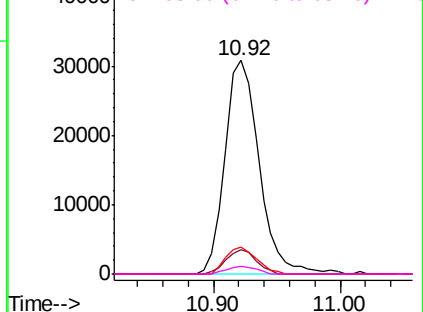


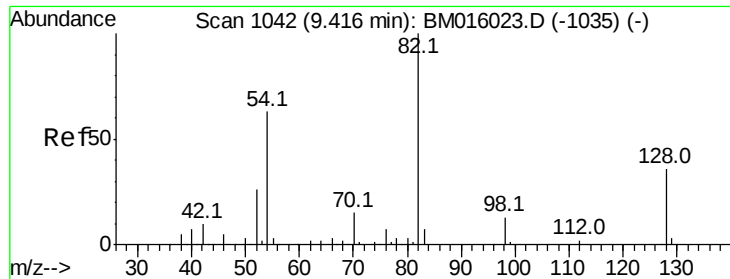
Abundance Ion 136.00 (135.70 to 136.70): BM016409.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016409.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016409.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016409.D (-1282) (-)

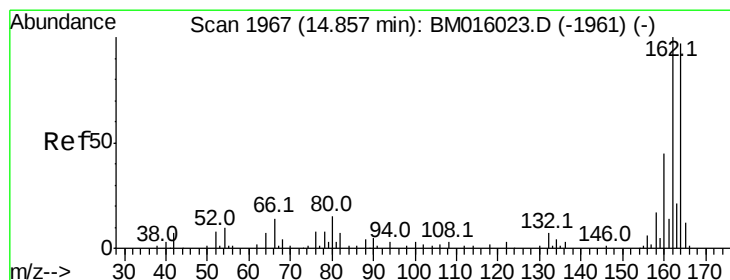
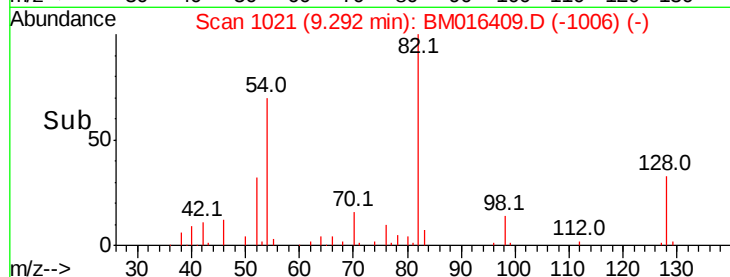
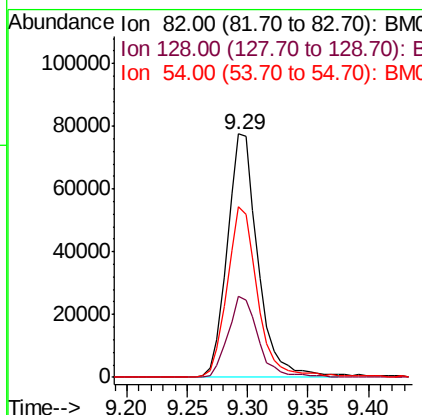
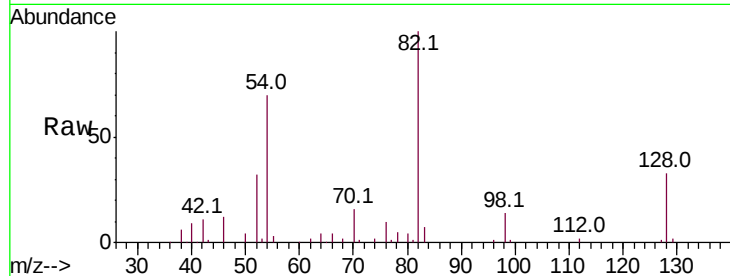




#23  
Nitrobenzene-d5  
Concen: N.D. ng  
RT: 9.29 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BM016409.D  
Acq: 16 Aug 2018 09:50

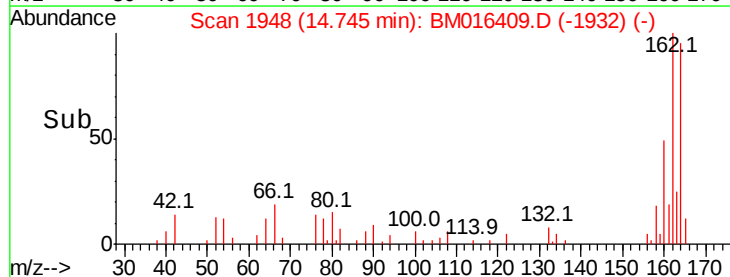
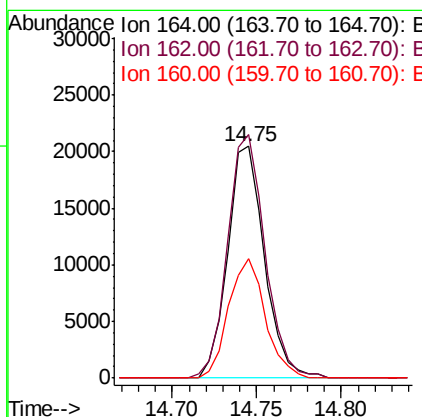
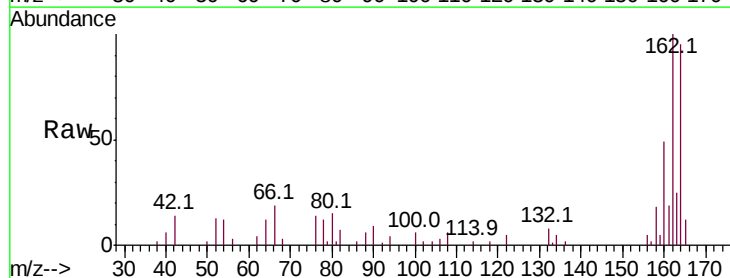
Instrument :  
BNA\_M  
ClientSampleId :  
081318-DBRI-F-D-S

Tot Ion: 82 Resp: 136989  
Ion Ratio Lower Upper  
82 100  
128 33.2 32.8 49.2  
54 69.9 40.6 60.8#



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.75 min Scan# 1948  
Delta R.T. -0.01 min  
Lab File: BM016409.D  
Acq: 16 Aug 2018 09:50

Tgt Ion:164 Resp: 31001  
Ion Ratio Lower Upper  
164 100  
162 105.0 82.4 123.6  
160 51.4 35.8 53.6

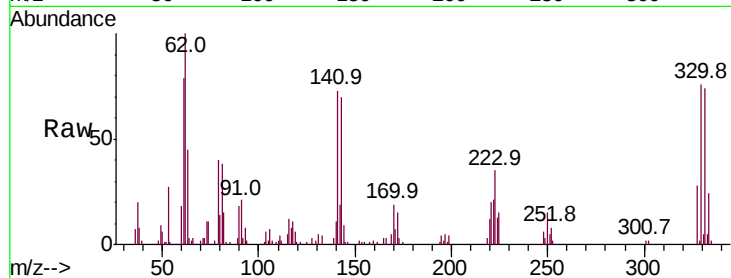




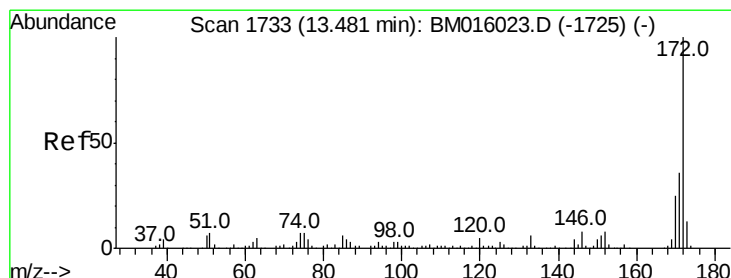
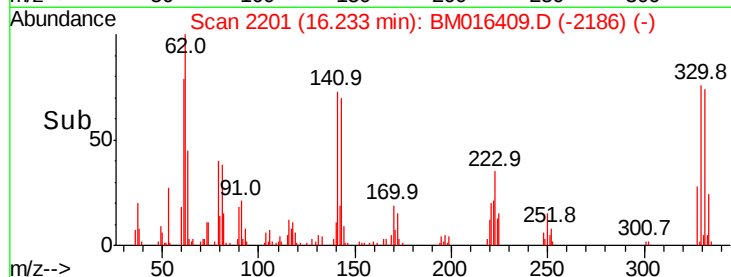
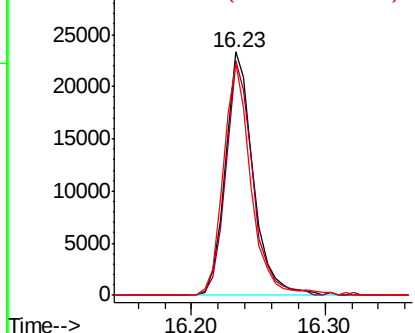
#41  
 2,4,6-Tribromophenol  
 Concen: N.D. ng  
 RT: 16.23 min Scan# 2201  
 Delta R.T. -0.01 min  
 Lab File: BM016409.D  
 Acq: 16 Aug 2018 09:50

Instrument :  
 BNA\_M  
 ClientSampleId :  
 081318-DBRI-F-D-S

Tot Ion:330 Resp: 34270  
 Ion Ratio Lower Upper  
 330 100  
 332 93.5 0.0 0.0#  
 141 94.5 0.0 0.0#

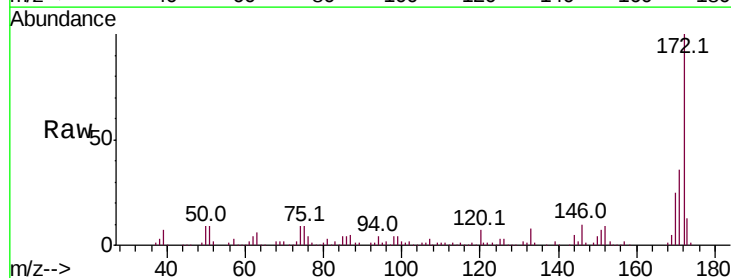


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

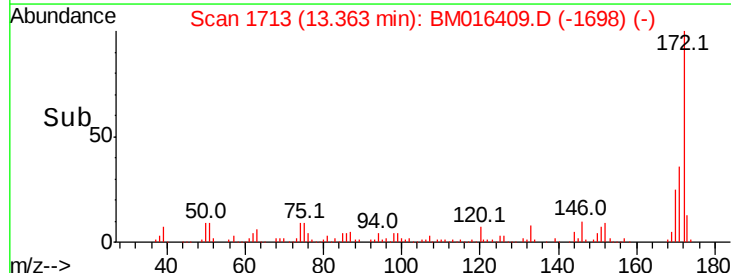
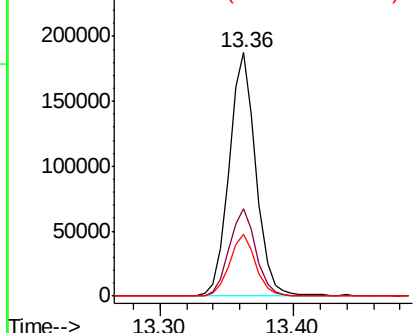


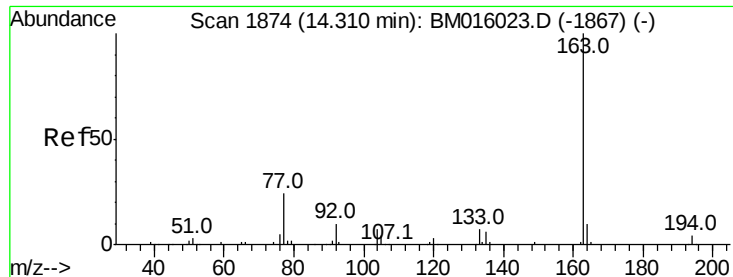
#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.36 min Scan# 1713  
 Delta R.T. -0.01 min  
 Lab File: BM016409.D  
 Acq: 16 Aug 2018 09:50

Tgt Ion:172 Resp: 262869  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 28.5 42.7  
 170 25.4 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.041 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016409.D

Acq: 16 Aug 2018 09:50

Instrument :

BNA\_M

ClientSampleId :

081318-DBRI-F-D-S

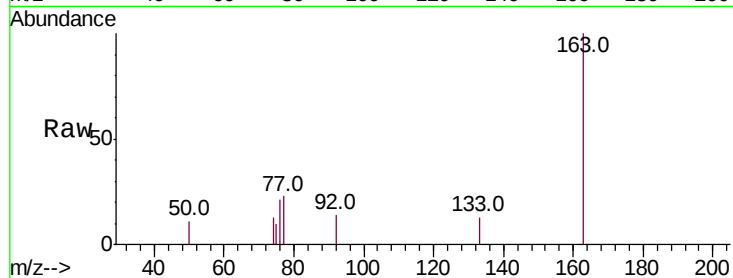
Tot Ion:163 Resp: 5538

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

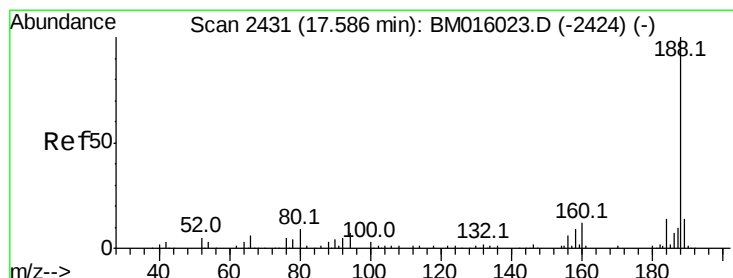
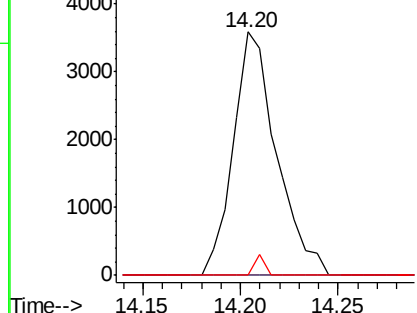
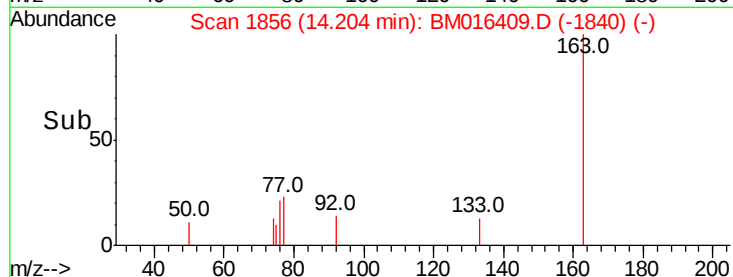
164 0.0 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM016409.D

Acq: 16 Aug 2018 09:50

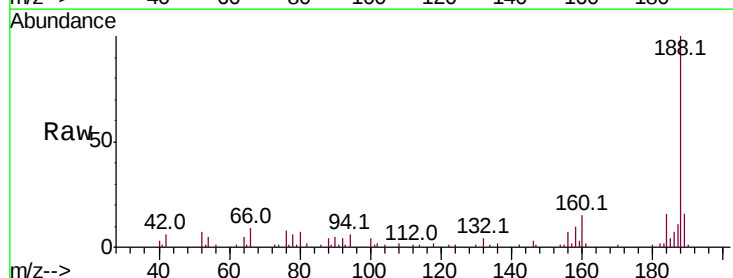
Tgt Ion:188 Resp: 70078

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

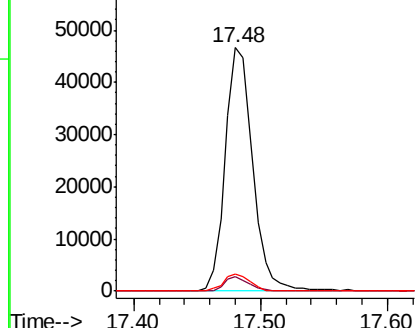
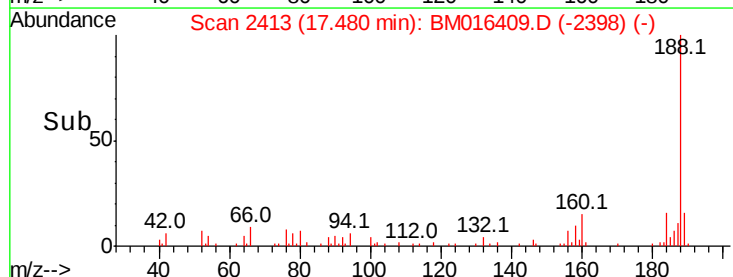
80 7.0 9.3 13.9#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016409.D

Acq: 16 Aug 2018 09:50

Instrument :

BNA\_M

ClientSampleId :

081318-DBRI-F-D-S

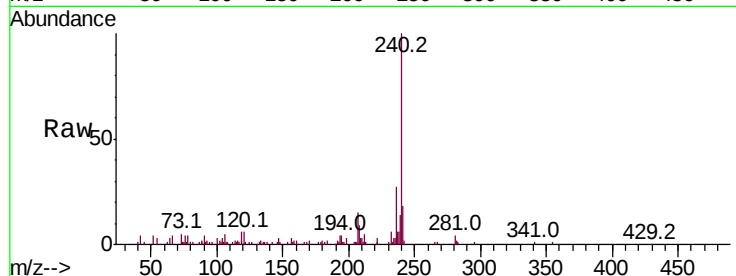
Tot Ion:240 Resp: 89943

Ion Ratio Lower Upper

240 100

120 5.9 8.2 12.2#

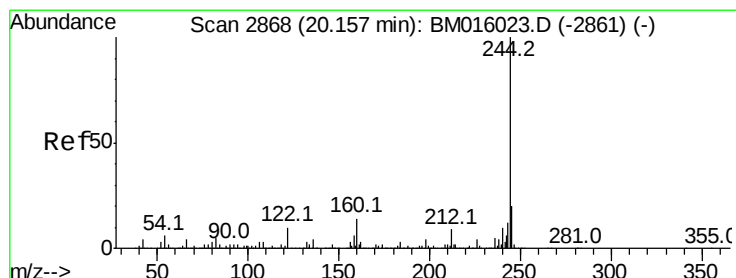
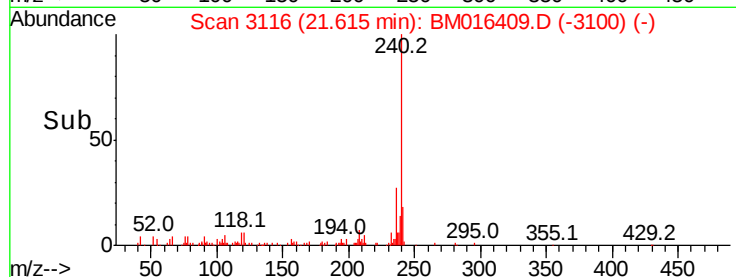
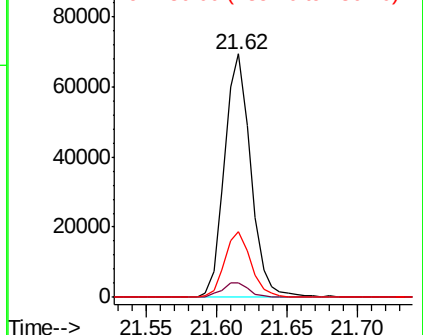
236 26.9 20.0 30.0



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



#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016409.D

Acq: 16 Aug 2018 09:50

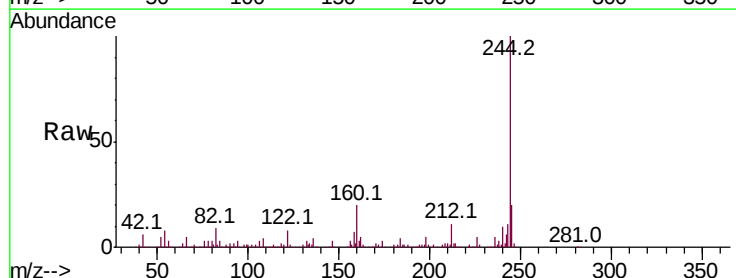
Tgt Ion:244 Resp: 420192

Ion Ratio Lower Upper

244 100

212 10.9 4.9 7.3#

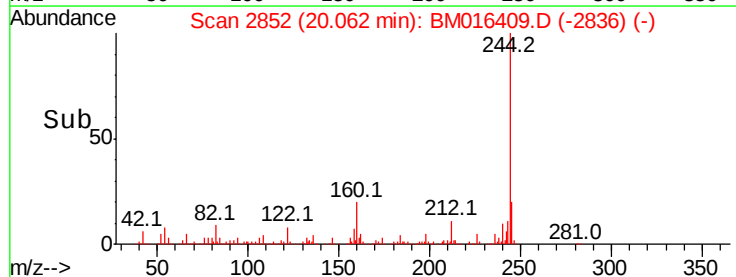
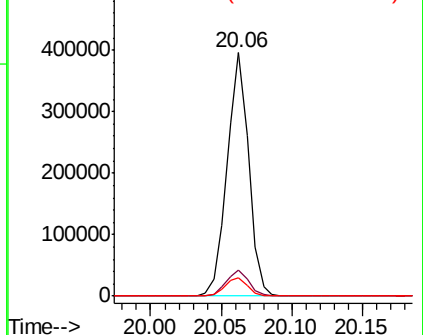
122 7.7 6.2 9.4

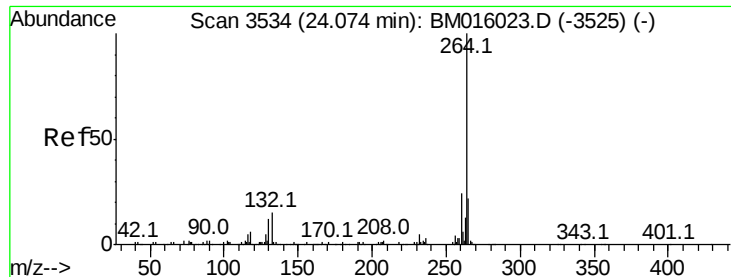


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.94 min Scan# 3511  
Delta R.T. -0.01 min  
Lab File: BM016409.D  
Acq: 16 Aug 2018 09:50

Instrument :  
BNA\_M  
ClientSampleId :  
081318-DBRI-F-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 18.6  | 27.8  |
| 265     | 22.1  | 17.3  | 25.9  |

