

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\  
 Data File : BF112955.D  
 Acq On : 11 Mar 2019 15:31  
 Operator : JU/SJ  
 Sample : K1837-07  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-MH-08-COMP

Quant Time: Mar 12 04:51:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

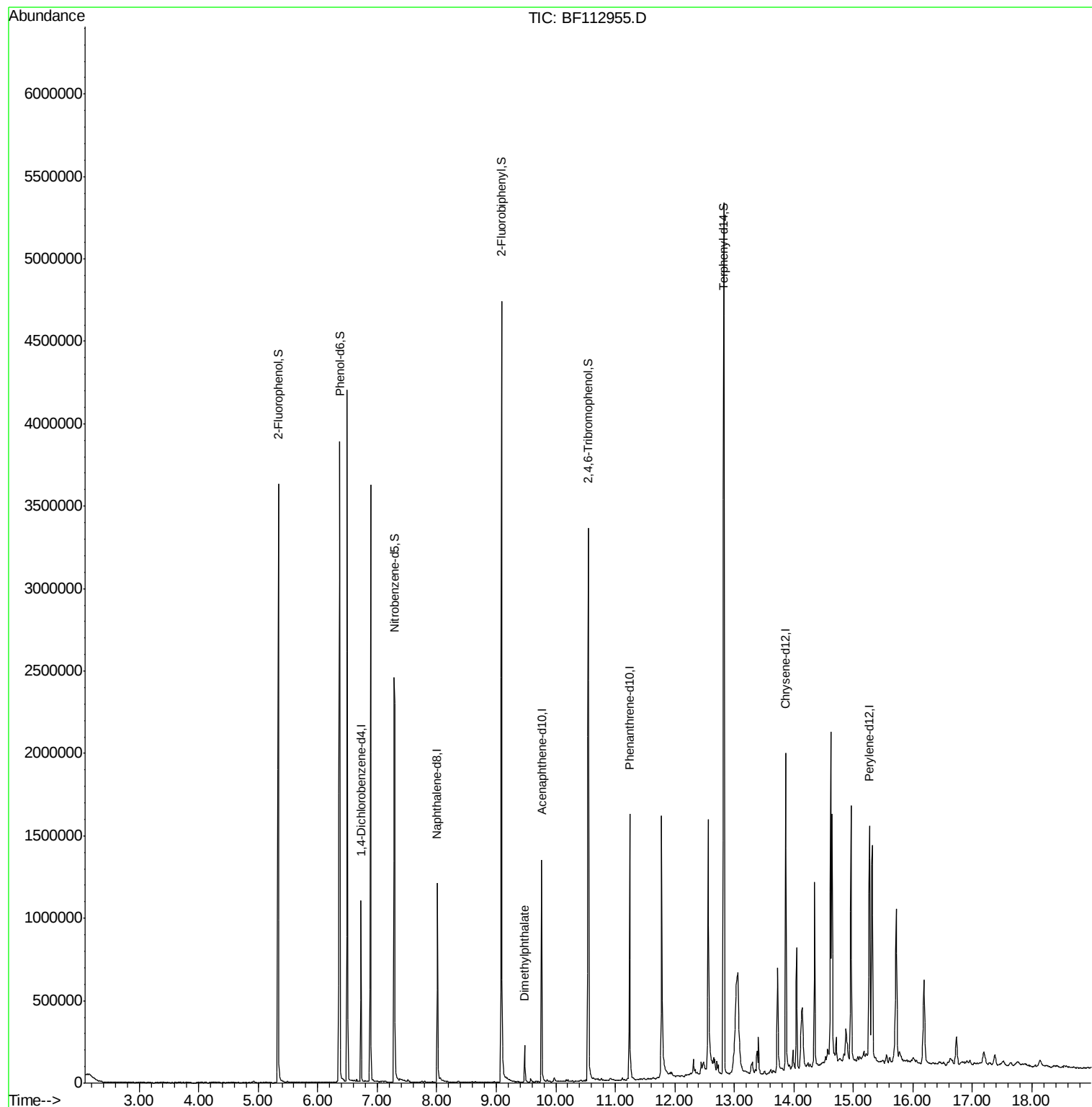
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 154068   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.01  | 136  | 543905   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 285935   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.24 | 188  | 627088   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.86 | 240  | 680132   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.27 | 264  | 688348   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.34  | 112  | 1125239  | 113.61 | ng    | 0.00      |
| 7) Phenol-d6                | 6.37  | 99   | 1478838  | 118.86 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 886165   | 97.49  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 488237   | 160.84 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.09  | 172  | 1615308  | 97.29  | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.82 | 244  | 2076662  | 59.19  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.48  | 163  | 97391    | 4.619  | ng    | Qvalue 99 |

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

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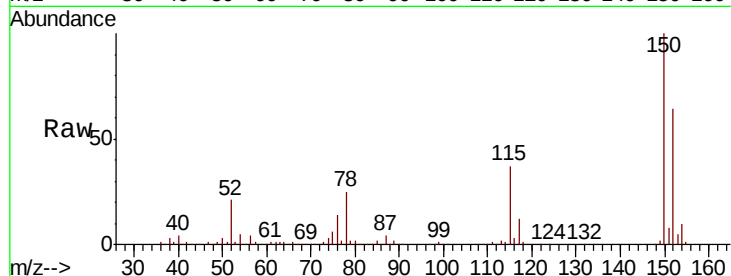


#1

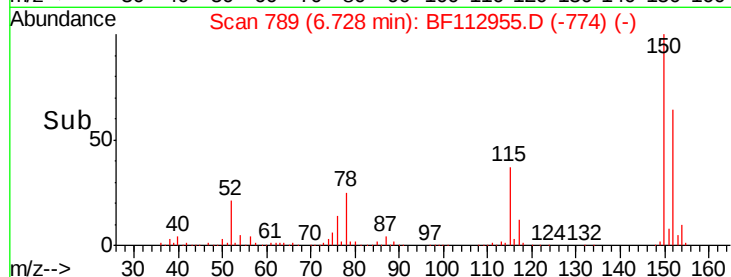
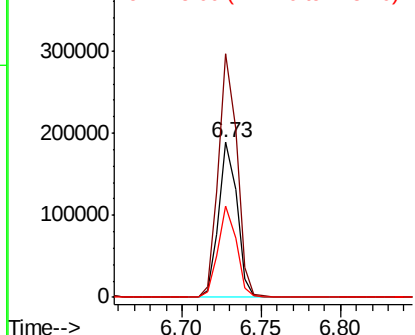
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.73 min Scan# 789  
Delta R.T. -0.01 min  
Lab File: BF112955.D  
Acq: 11 Mar 2019 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
MR-MH-08-COMP

Tot Ion:152 Resp: 154068  
Ion Ratio Lower Upper  
152 100  
150 157.1 124.2 186.2  
115 58.6 48.2 72.4



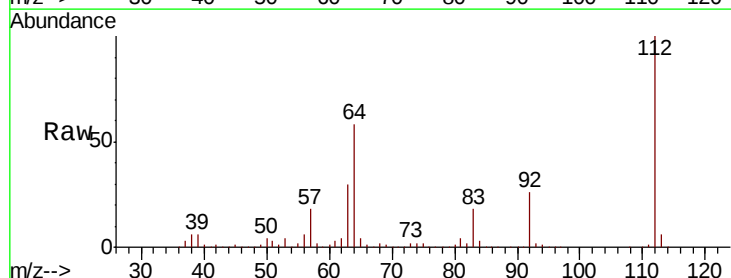
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



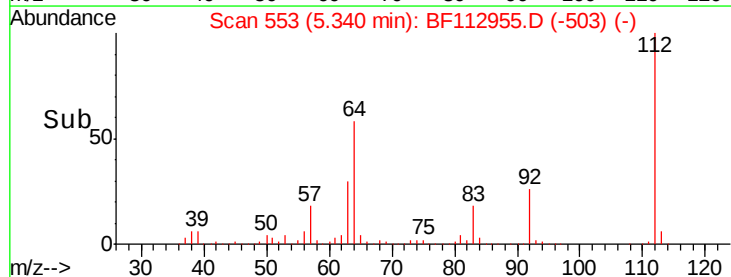
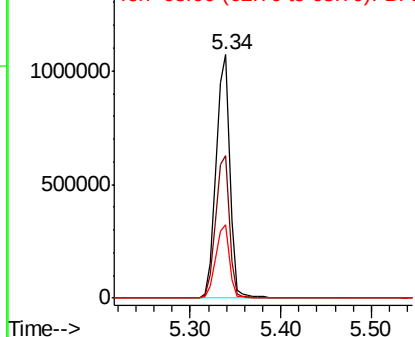
#5

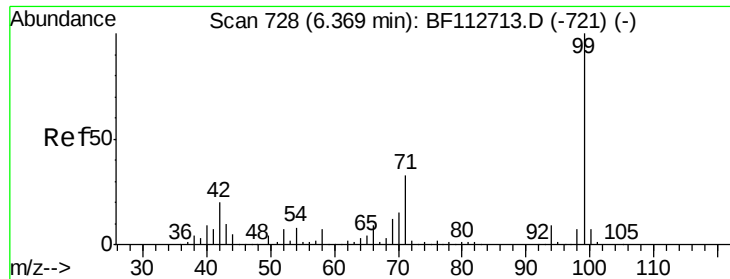
2-Fluorophenol  
Concen: 113.609 ng  
RT: 5.34 min Scan# 553  
Delta R.T. -0.01 min  
Lab File: BF112955.D  
Acq: 11 Mar 2019 15:31

Tgt Ion:112 Resp: 1125239  
Ion Ratio Lower Upper  
112 100  
64 58.4 47.6 71.4  
63 30.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.862 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112955.D

Acq: 11 Mar 2019 15:31

Instrument :

BNA\_F

ClientSampleId :

MR-MH-08-COMP

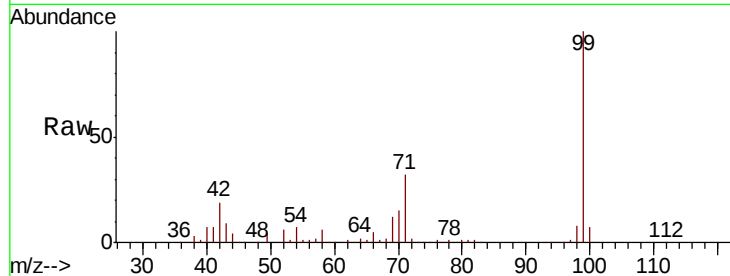
Tot Ion: 99 Resp: 1478838

Ion Ratio Lower Upper

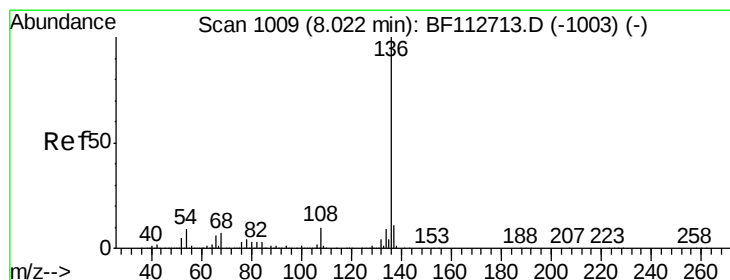
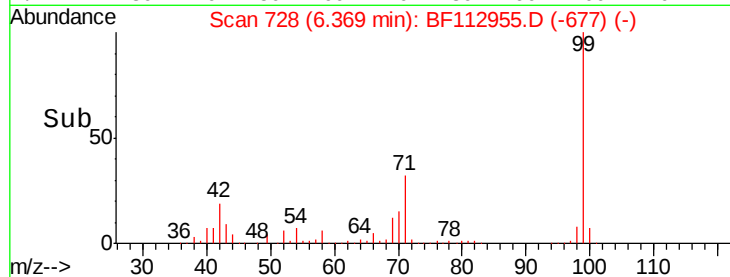
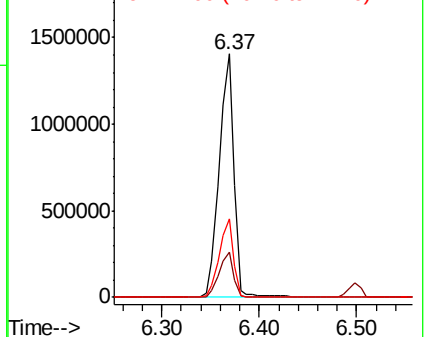
99 100

42 18.7 16.3 24.5

71 32.2 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112955.D

Acq: 11 Mar 2019 15:31

Tgt Ion: 136 Resp: 543905

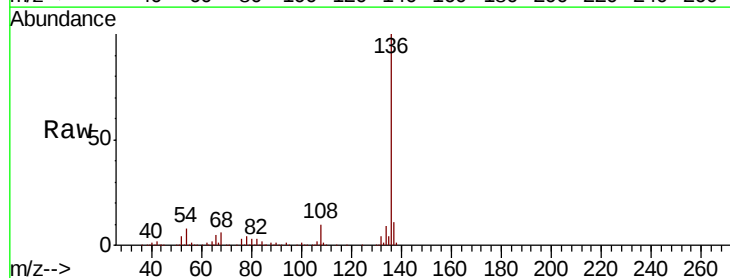
Ion Ratio Lower Upper

136 100

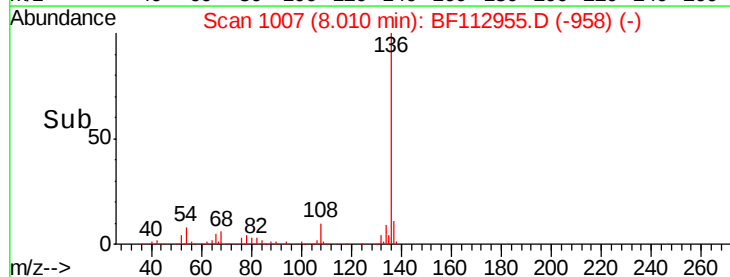
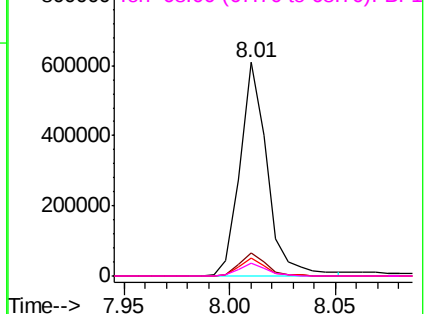
137 10.9 8.9 13.3

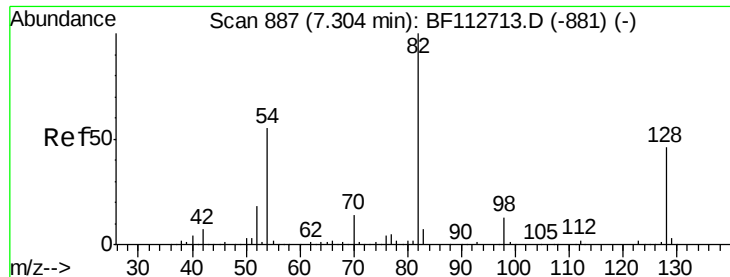
54 8.2 7.3 10.9

68 6.2 5.4 8.2



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): BF1  
Ion 68.00 (67.70 to 68.70): BF1

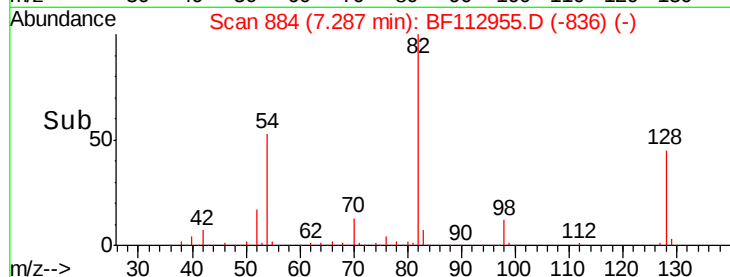
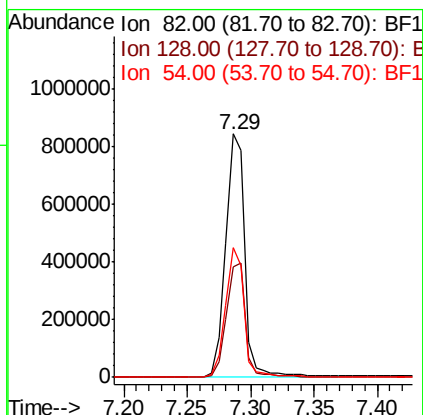
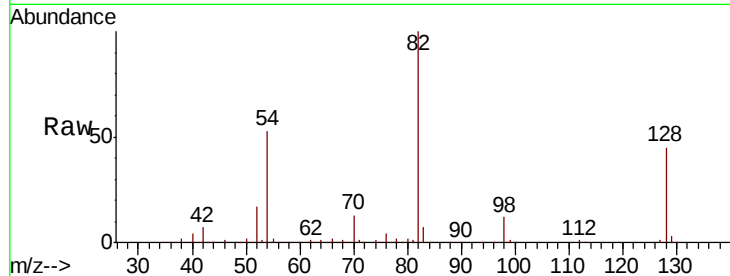




#23  
 Nitrobenzene-d5  
 Concen: 97.492 ng  
 RT: 7.29 min Scan# 884  
 Delta R.T. -0.02 min  
 Lab File: BF112955.D  
 Acq: 11 Mar 2019 15:31

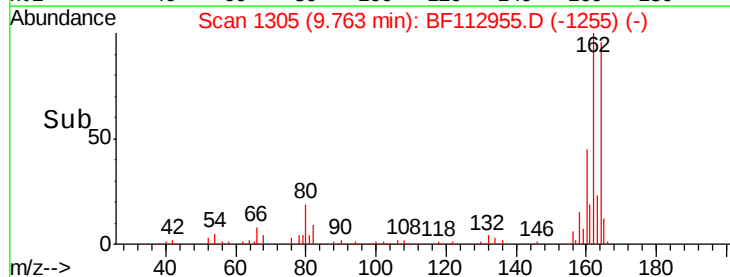
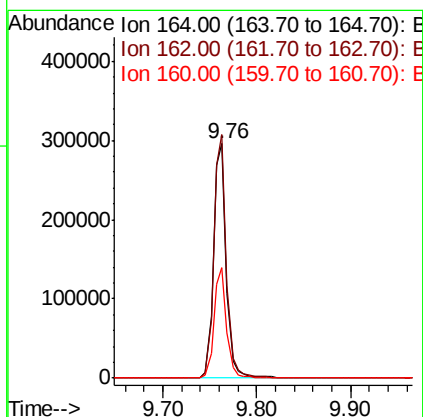
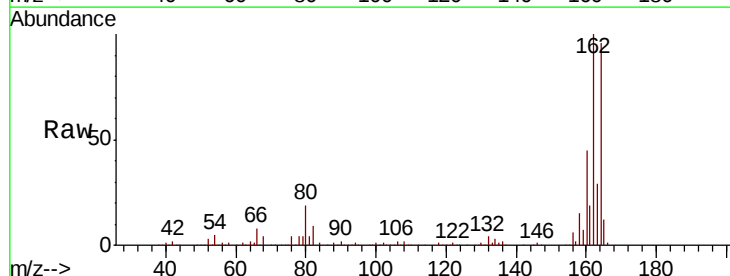
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MR-MH-08-COMP

Tot Ion: 82 Resp: 886165  
 Ion Ratio Lower Upper  
 82 100  
 128 45.2 36.3 54.5  
 54 53.0 43.7 65.5



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.76 min Scan# 1305  
 Delta R.T. -0.01 min  
 Lab File: BF112955.D  
 Acq: 11 Mar 2019 15:31

Tgt Ion:164 Resp: 285935  
 Ion Ratio Lower Upper  
 164 100  
 162 104.0 80.6 120.8  
 160 46.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 160.839 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112955.D

Acq: 11 Mar 2019 15:31

Instrument :

BNA\_F

ClientSampleId :

MR-MH-08-COMP

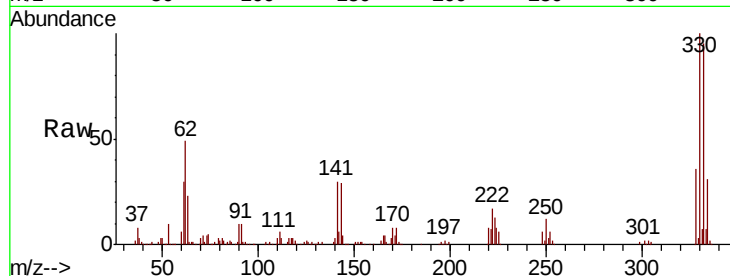
Tot Ion:330 Resp: 488237

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

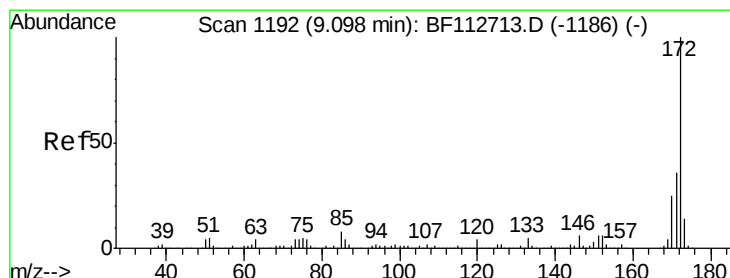
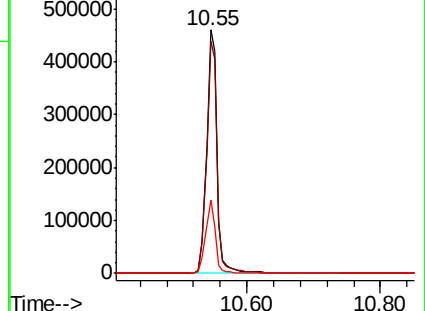
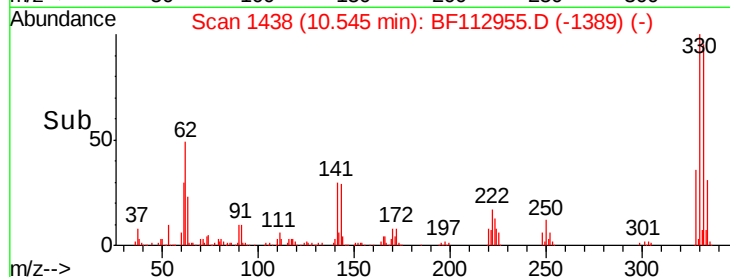
141 28.4 27.0 40.6



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



#45

2-Fluorobiphenyl

Concen: 97.291 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112955.D

Acq: 11 Mar 2019 15:31

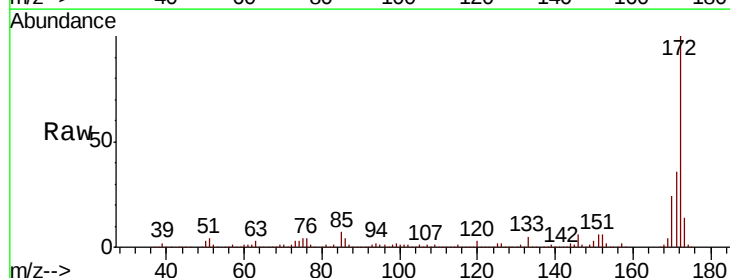
Tgt Ion:172 Resp: 1615308

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

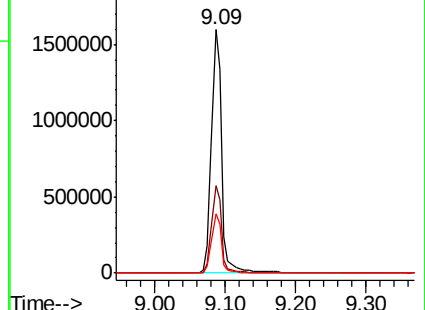
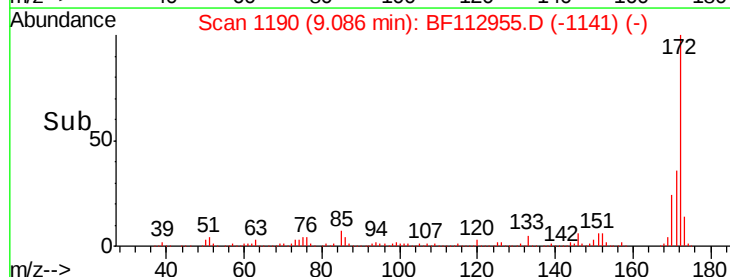
170 24.4 20.0 30.0

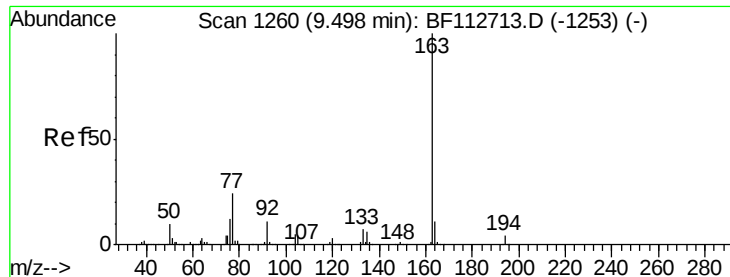


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.619 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112955.D

Acq: 11 Mar 2019 15:31

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ClientSampleId :

MR-MH-08-COMP

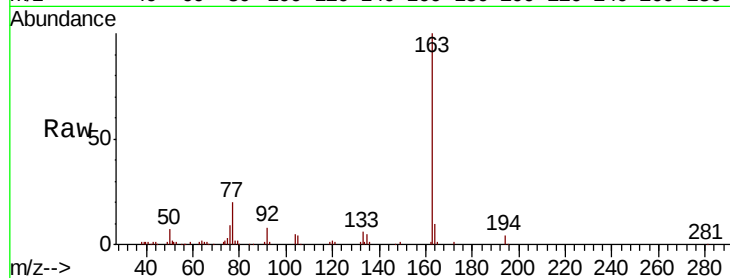
Tot Ion:163 Resp: 97391

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

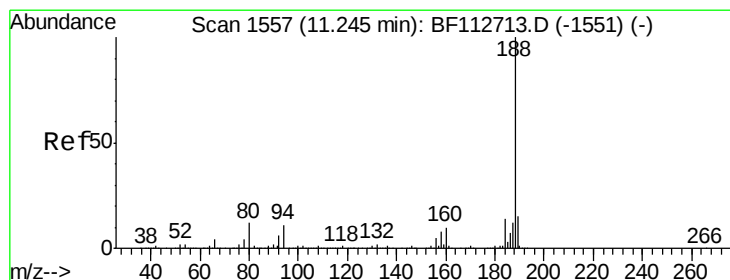
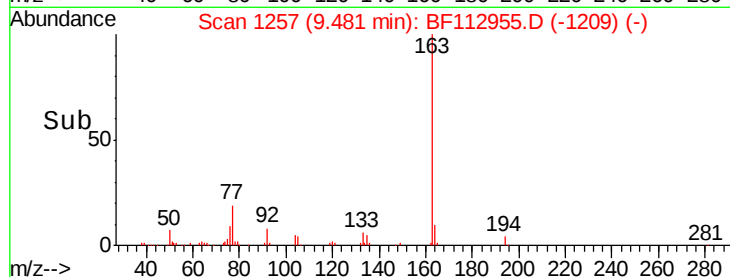
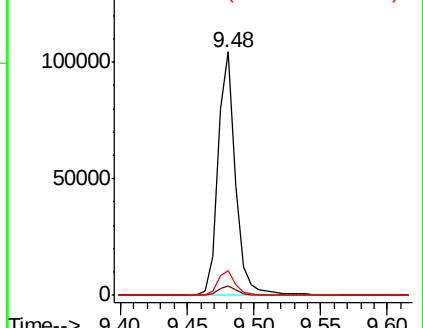
164 10.0 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112955.D

Acq: 11 Mar 2019 15:31

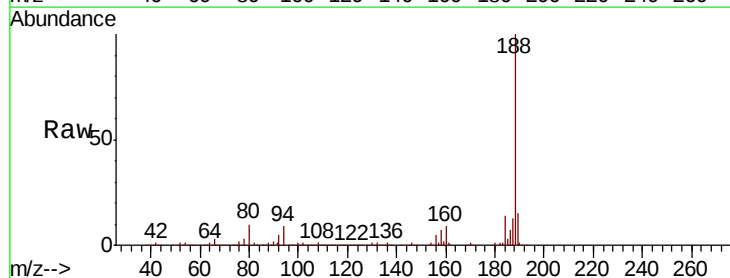
Tgt Ion:188 Resp: 627088

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

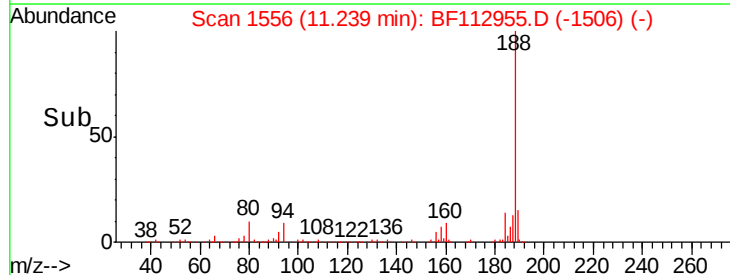
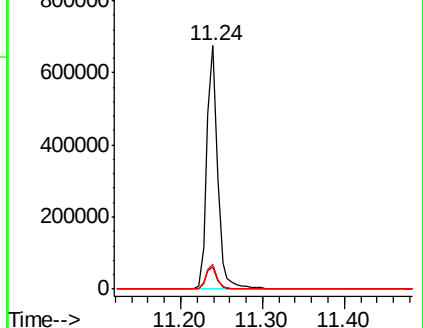
80 9.9 9.2 13.8

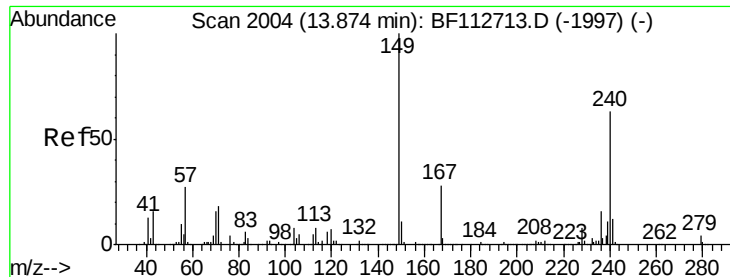


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

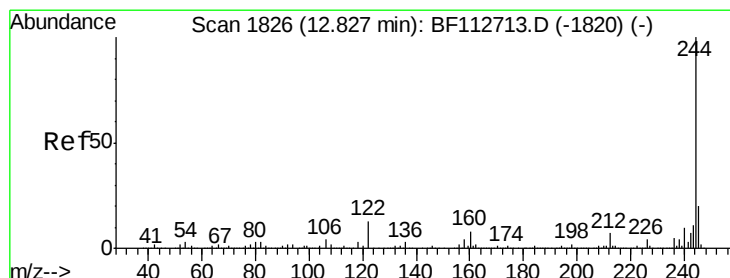
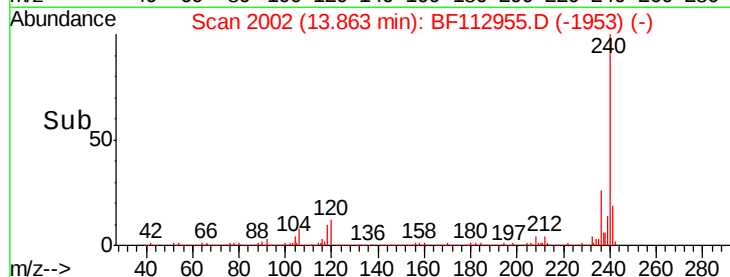
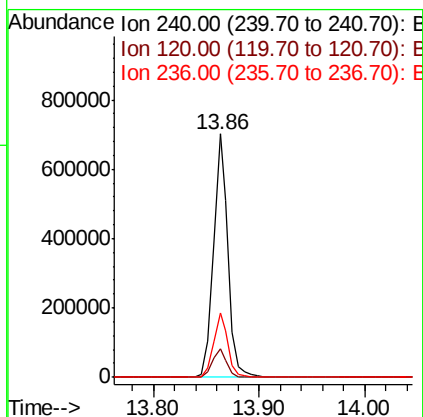
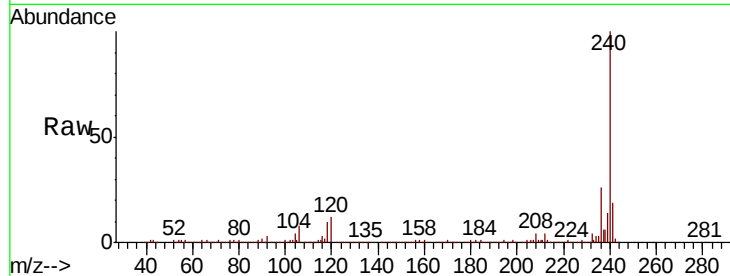




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.86 min Scan# 2002  
 Delta R.T. -0.01 min  
 Lab File: BF112955.D  
 Acq: 11 Mar 2019 15:31

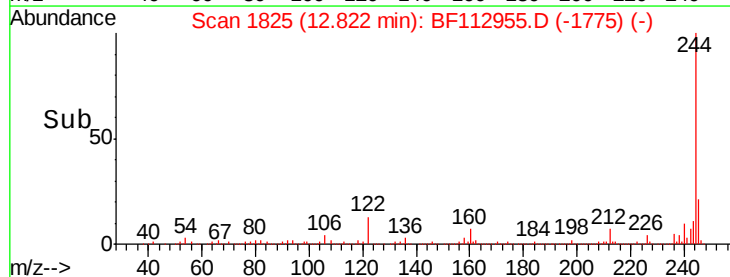
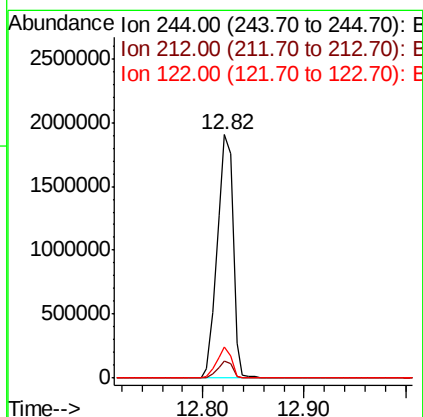
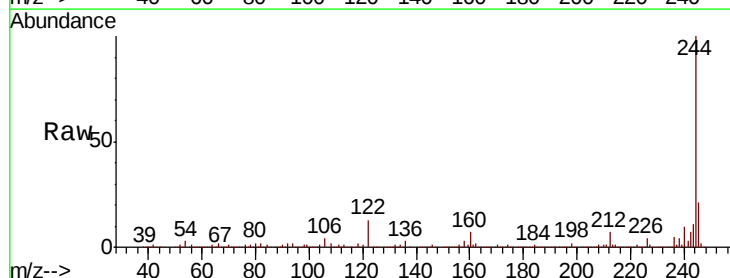
Instrument :  
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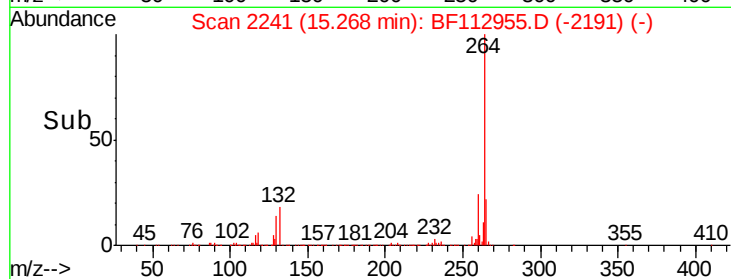
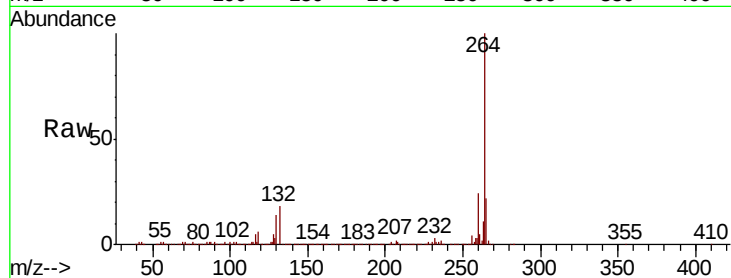
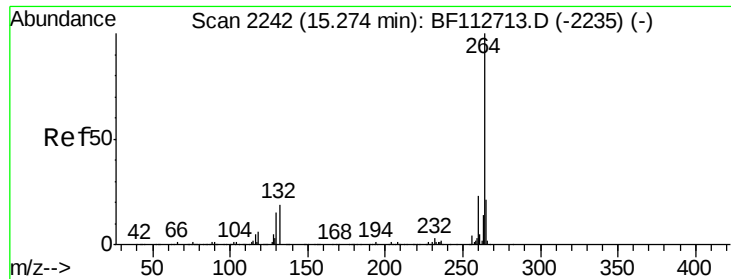
Tot Ion:240 Resp: 680132  
 Ion Ratio Lower Upper  
 240 100  
 120 12.0 8.9 13.3  
 236 26.3 20.7 31.1



#79  
 Terphenyl-d14  
 Concen: 59.189 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BF112955.D  
 Acq: 11 Mar 2019 15:31

Tgt Ion:244 Resp: 2076662  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 12.7 10.5 15.7





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. -0.01 min  
Lab File: BF112955.D  
Acq: 11 Mar 2019 15:31

Instrument :  
BNA\_F  
ClientSampleId :  
MR-MH-08-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 18.7  | 28.1  |
| 265     | 21.8  | 17.2  | 25.8  |

