

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\  
 Data File : BN007715.D  
 Acq On : 18 Sep 2019 20:53  
 Operator : HP/JU  
 Sample : K4883-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW6-R2-1

Quant Time: Sep 19 14:51:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 18:24:40 2019  
 Response via : Initial Calibration

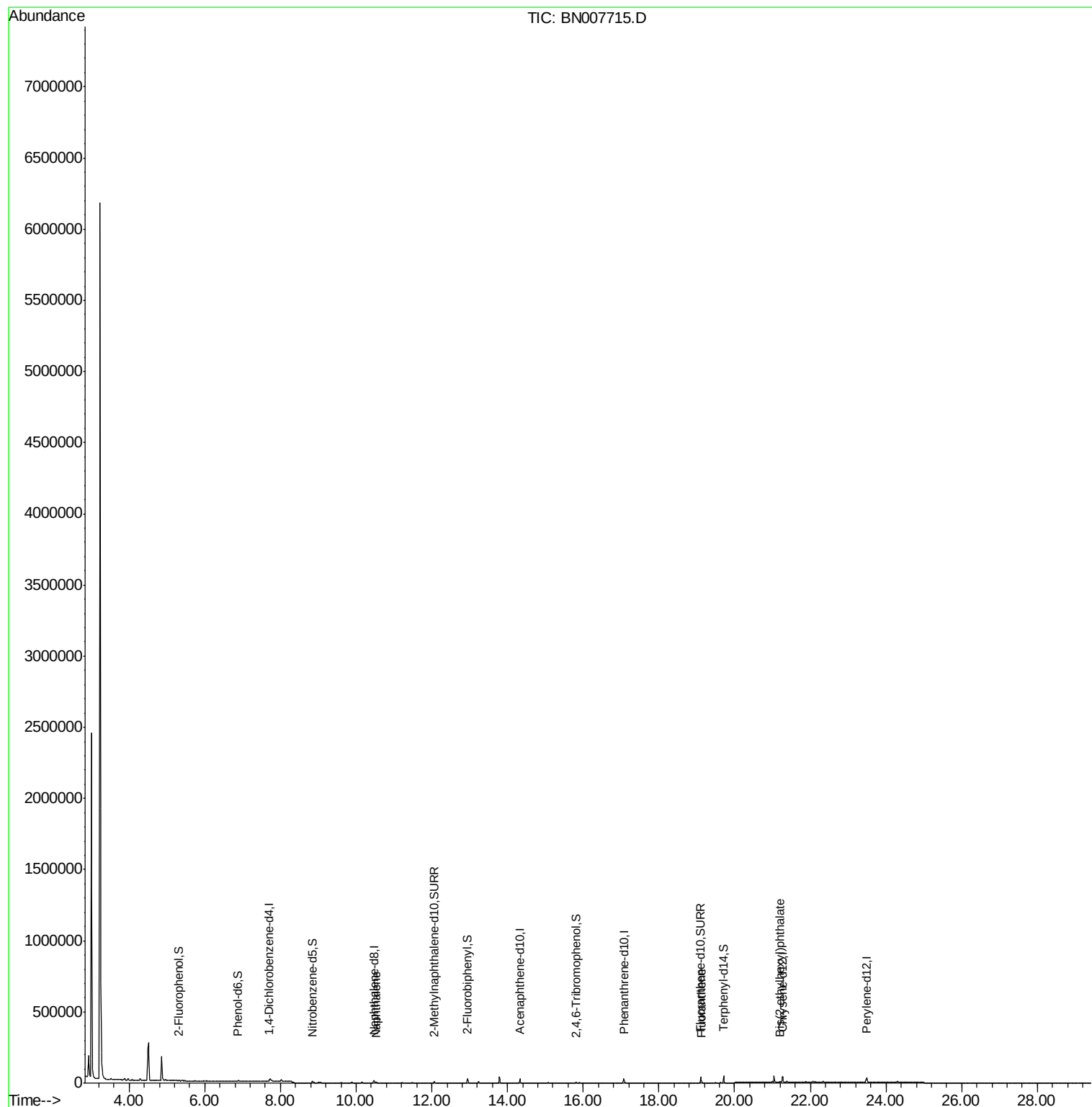
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.70  | 152  | 6358     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.47 | 136  | 25960    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.32 | 164  | 16202    | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.07 | 188  | 36224    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.27 | 240  | 40452    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.49 | 264  | 44644    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.32  | 112  | 3182     | 0.15  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.87  | 99   | 2448     | 0.08  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.83  | 82   | 8092     | 0.36  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.06 | 152  | 16632    | 0.38  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.82 | 330  | 2775     | 0.31  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.94 | 172  | 25800    | 0.39  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.10 | 212  | 47458    | 0.39  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.71 | 244  | 47610    | 0.48  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 9) Naphthalene                 | 10.52 | 128  | 4946     | 0.068 | ng    | # 92     |
| 26) Fluoranthene               | 19.13 | 202  | 3404     | 0.024 | ng    | # 94     |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 6638     | 0.087 | ng    | 94       |

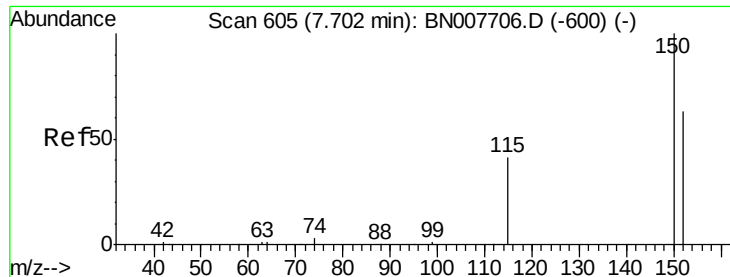
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA\_N

ClientSampleId :

MW6-R2-1

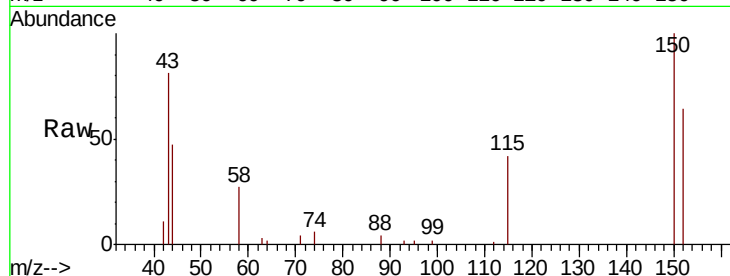
Tot Ion:152 Resp: 6358

Ion Ratio Lower Upper

152 100

150 155.8 125.6 188.4

115 64.9 53.3 79.9

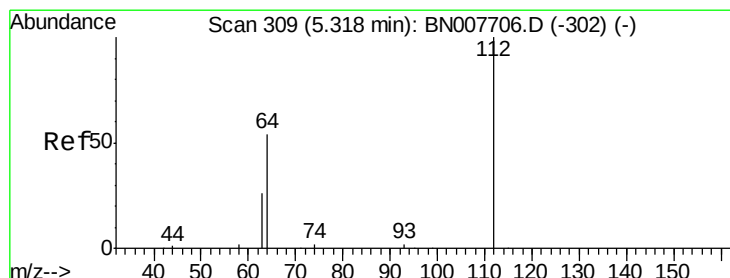
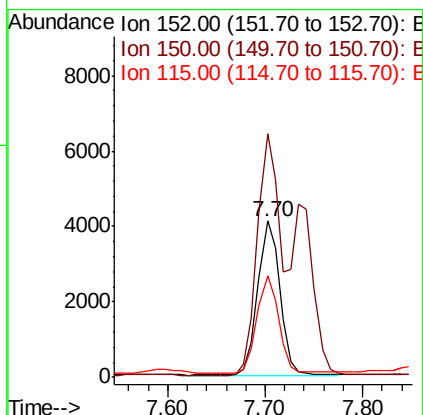
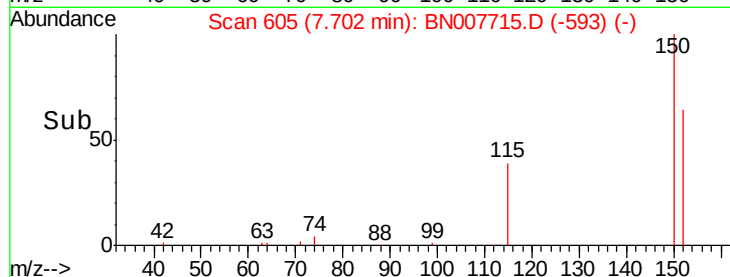


Abundance

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



#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

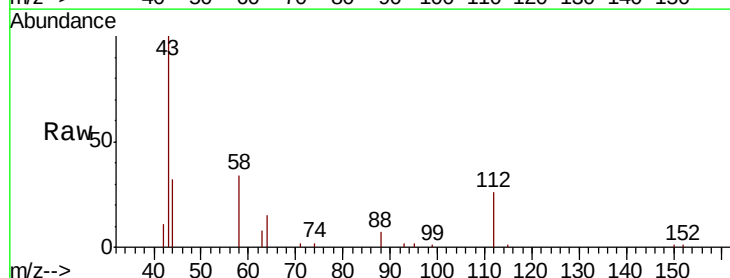
Tgt Ion:112 Resp: 3182

Ion Ratio Lower Upper

112 100

64 57.3 46.6 70.0

63 28.0 23.1 34.7

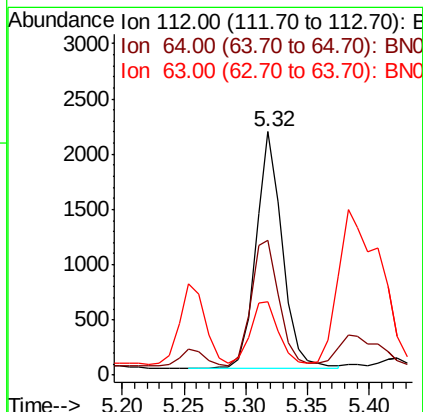
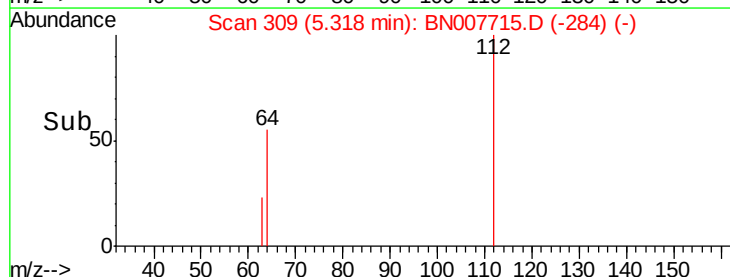


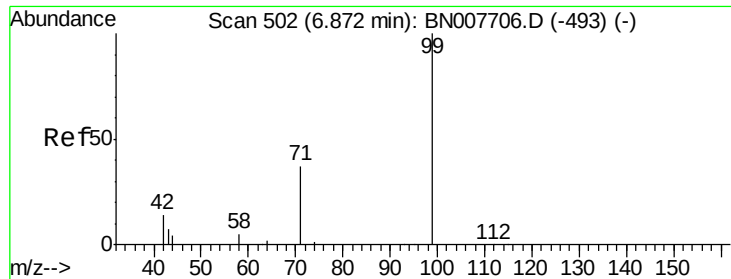
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA\_N

ClientSampleId :

MW6-R2-1

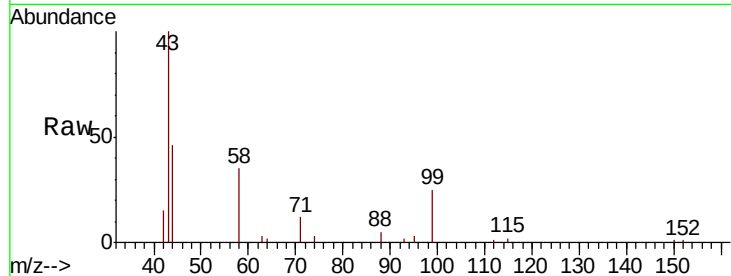
Tot Ion: 99 Resp: 2448

Ion Ratio Lower Upper

99 100

42 38.1 12.8 19.2#

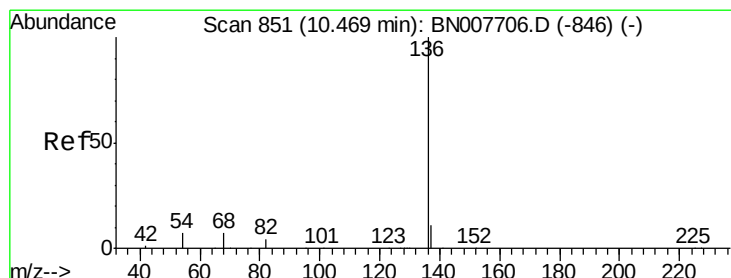
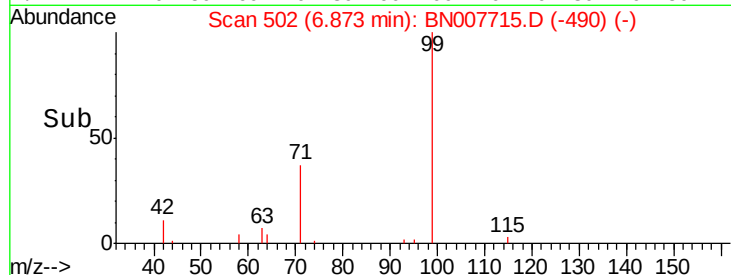
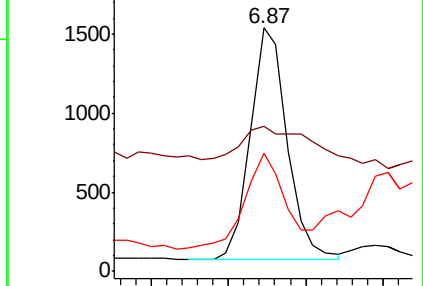
71 43.3 27.6 41.4#



Abundance Ion 99.00 (98.70 to 99.70): BN007715.D (-835) (-)

Ion 42.00 (41.70 to 42.70): BN007715.D (-835) (-)

Ion 71.00 (70.70 to 71.70): BN007715.D (-835) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Tgt Ion: 136 Resp: 25960

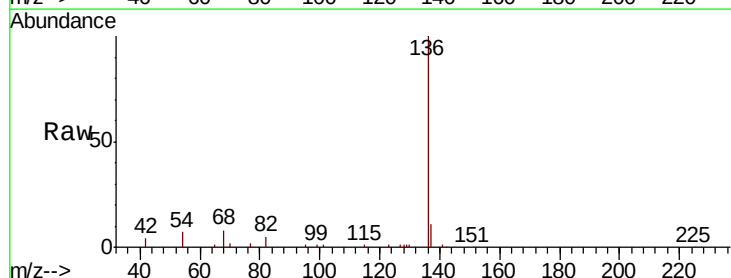
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.2 5.8 8.8

68 7.6 6.5 9.7

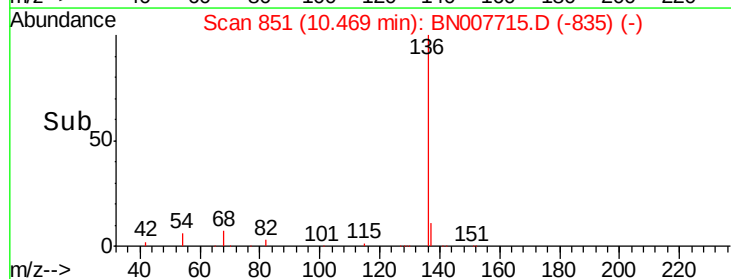
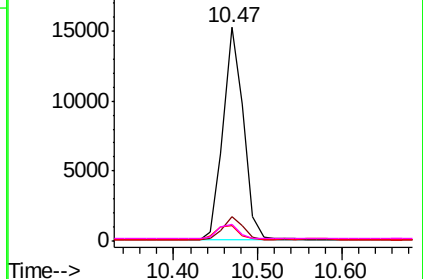


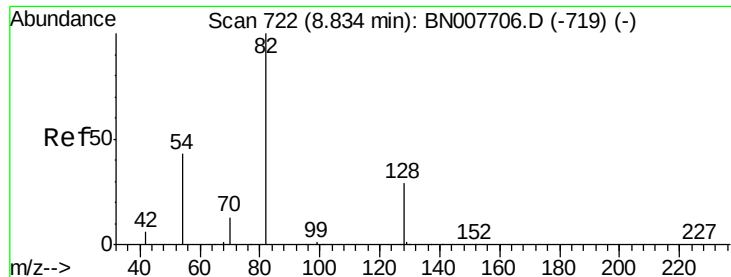
Abundance Ion 136.00 (135.70 to 136.70): BN007715.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN007715.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN007715.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN007715.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA\_N

ClientSampleId :

MW6-R2-1

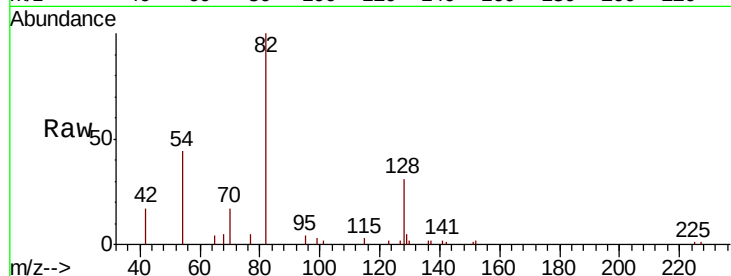
Tot Ion: 82 Resp: 8092

Ion Ratio Lower Upper

82 100

128 30.7 24.5 36.7

54 43.6 35.2 52.8

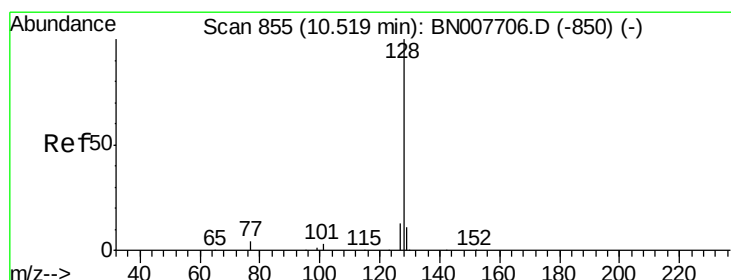
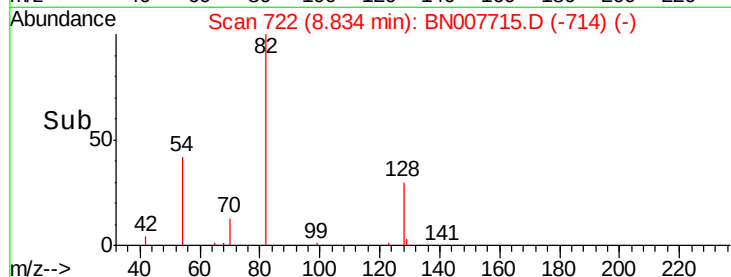
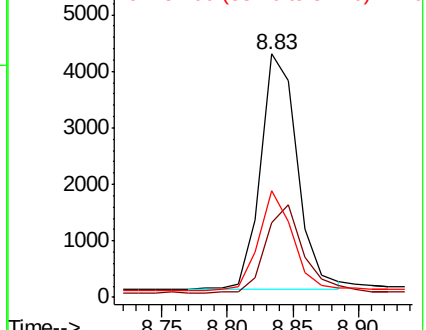


Abundance

Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.068 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

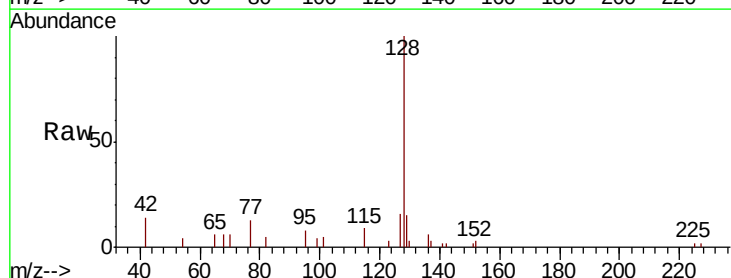
Tgt Ion: 128 Resp: 4946

Ion Ratio Lower Upper

128 100

129 15.3 9.1 13.7#

127 15.9 10.6 15.8#

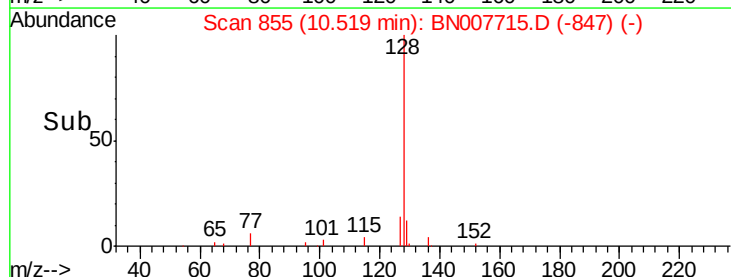
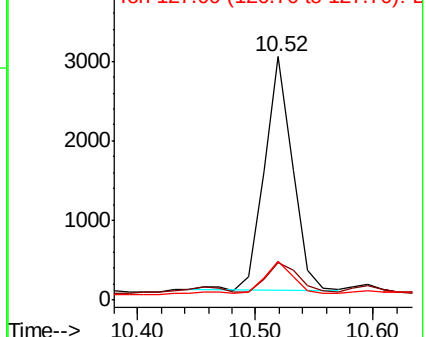


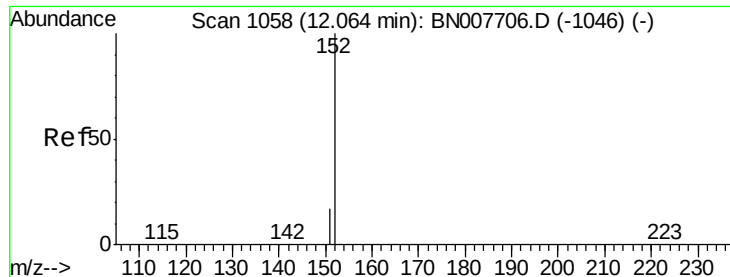
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

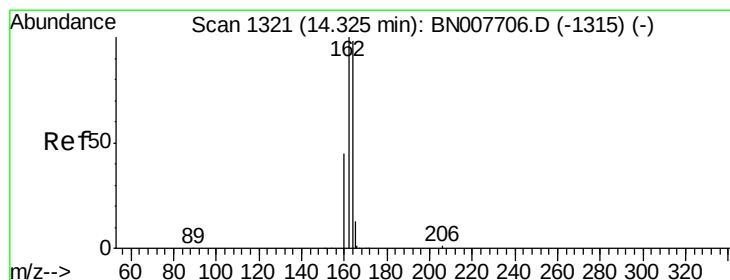
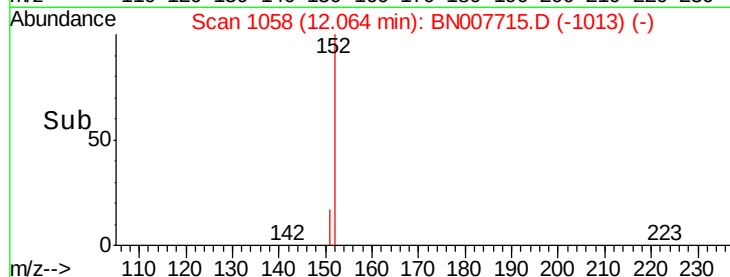
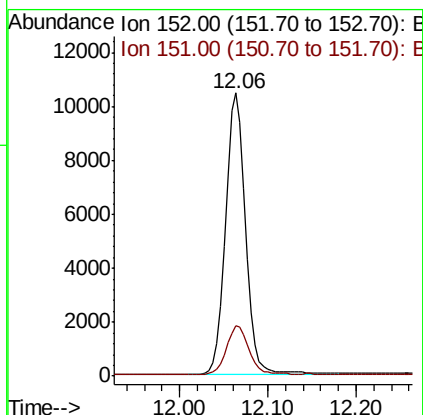
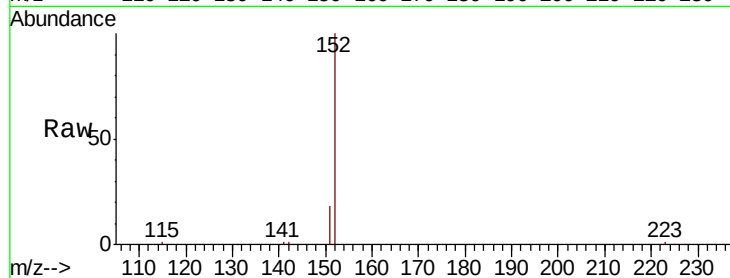




#11  
2-Methylnaphthalene-d10  
Concen: 0.380 ng  
RT: 12.06 min Scan# 1058  
Delta R.T. 0.00 min  
Lab File: BN007715.D  
Acq: 18 Sep 2019 20:53

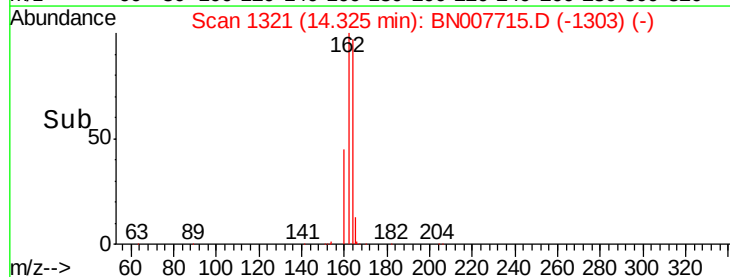
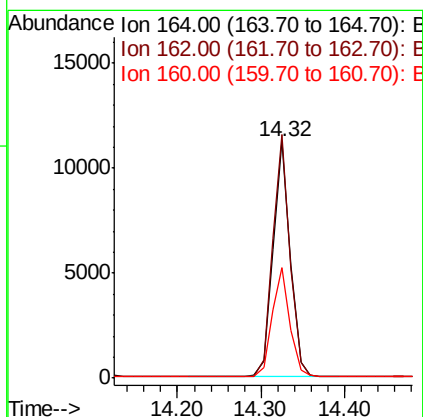
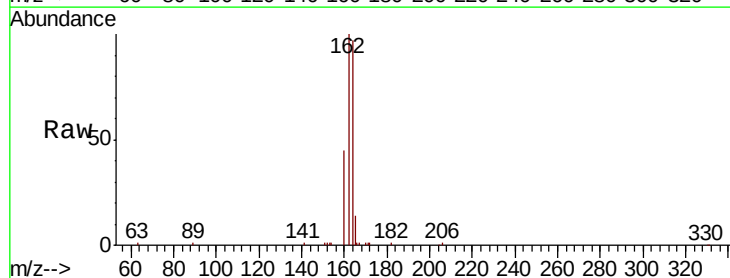
Instrument :  
BNA\_N  
ClientSampleId :  
MW6-R2-1

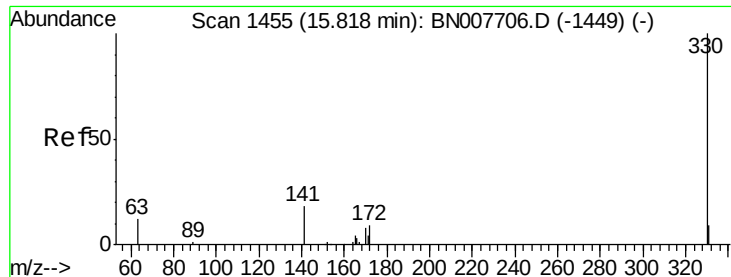
Tot Ion:152 Resp: 16632  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.4 23.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.32 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BN007715.D  
Acq: 18 Sep 2019 20:53

Tgt Ion:164 Resp: 16202  
Ion Ratio Lower Upper  
164 100  
162 102.7 81.7 122.5  
160 46.7 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.314 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA\_N

ClientSampleId :

MW6-R2-1

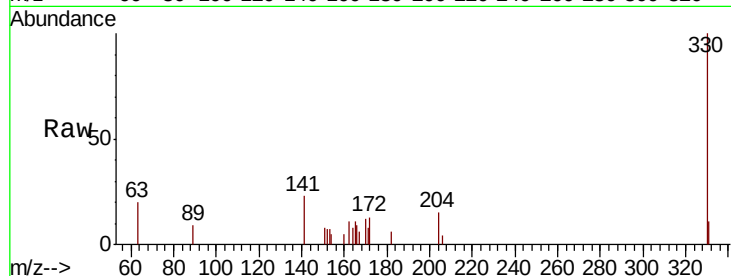
Tot Ion:330 Resp: 2775

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

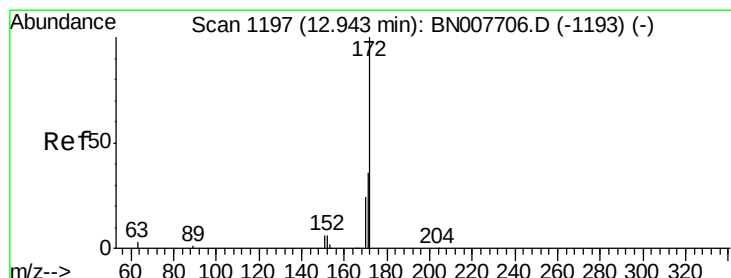
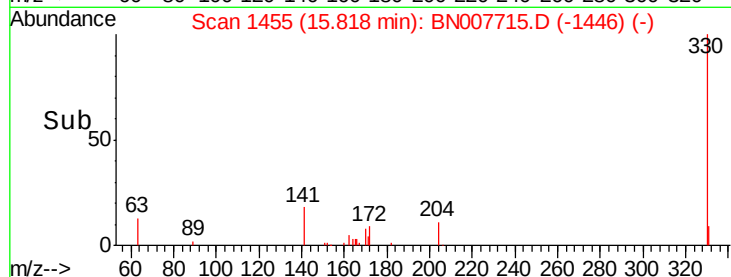
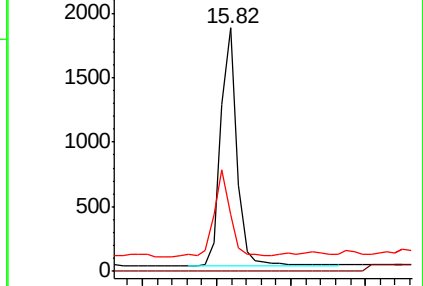
141 36.1 28.7 43.1



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 12.94 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

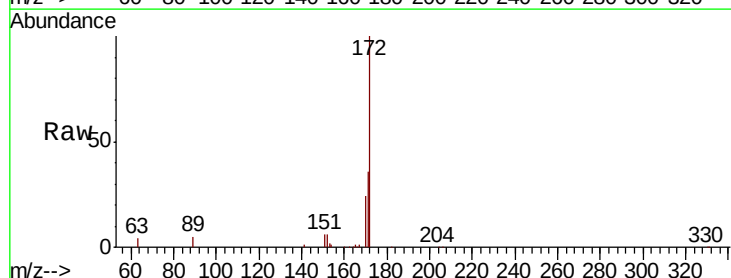
Tgt Ion:172 Resp: 25800

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

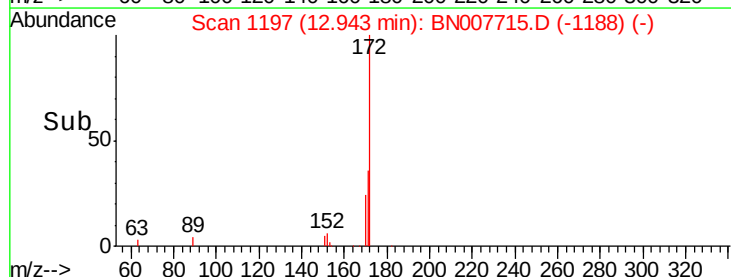
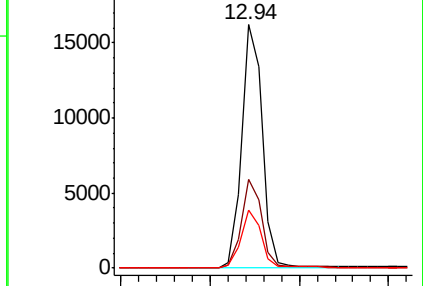
170 24.0 19.5 29.3

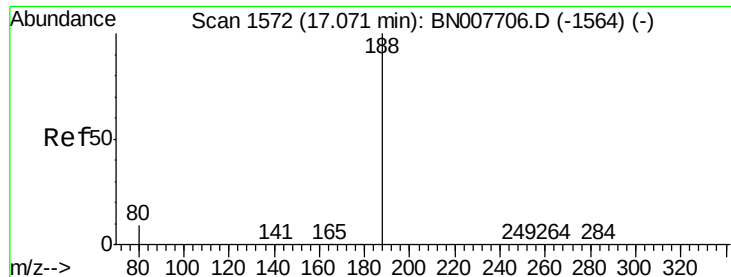


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA\_N

ClientSampleId :

MW6-R2-1

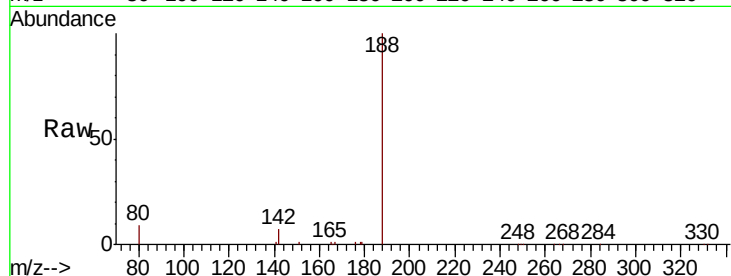
Tot Ion:188 Resp: 36224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

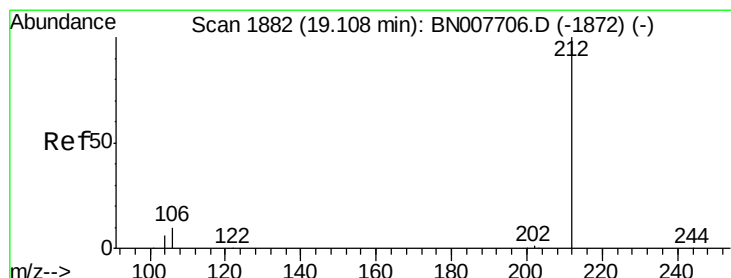
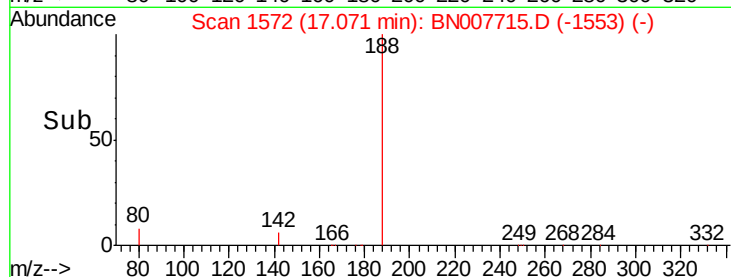
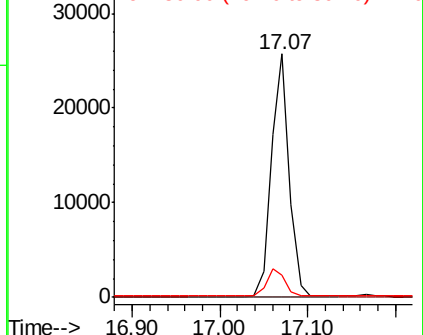
80 9.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

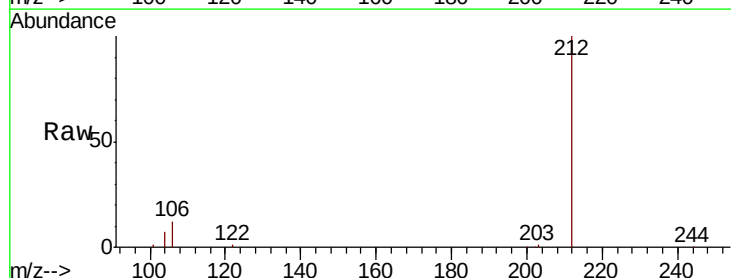
Tgt Ion:212 Resp: 47458

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

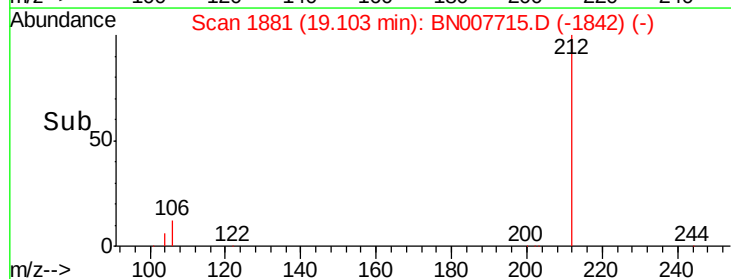
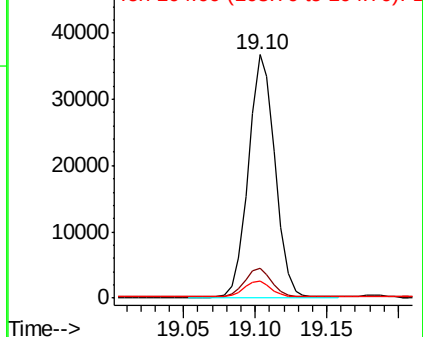
104 6.6 5.3 7.9



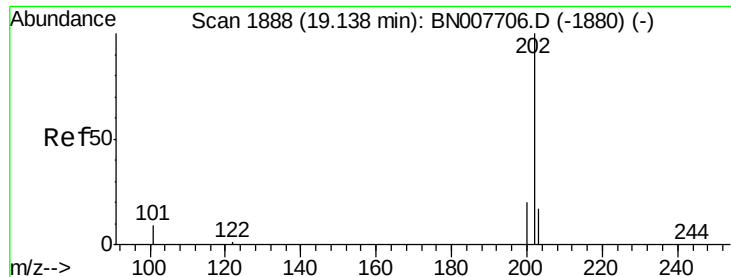
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



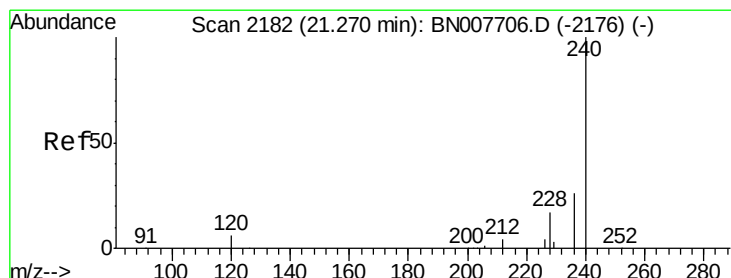
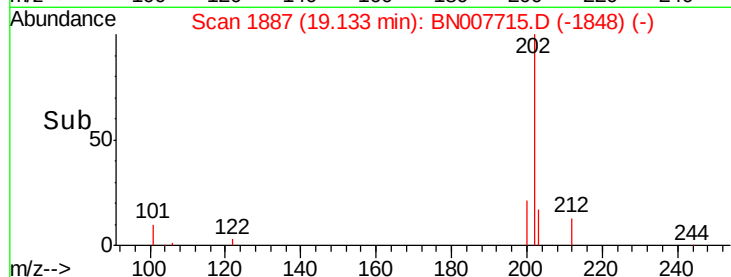
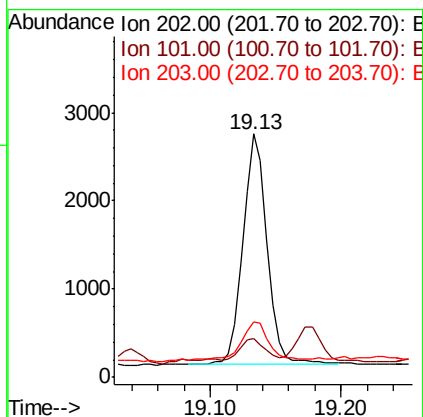
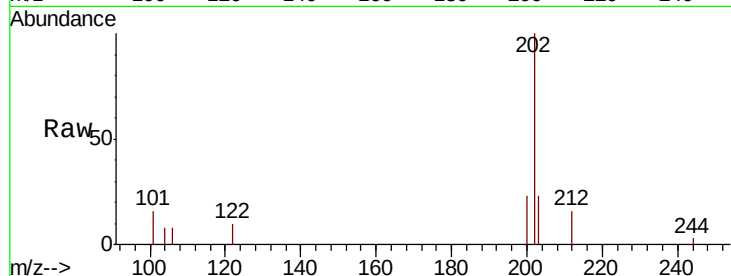




#26  
Fluoranthene  
Concen: 0.024 ng  
RT: 19.13 min Scan# 1887  
Delta R.T. -0.00 min  
Lab File: BN007715.D  
Acq: 18 Sep 2019 20:53

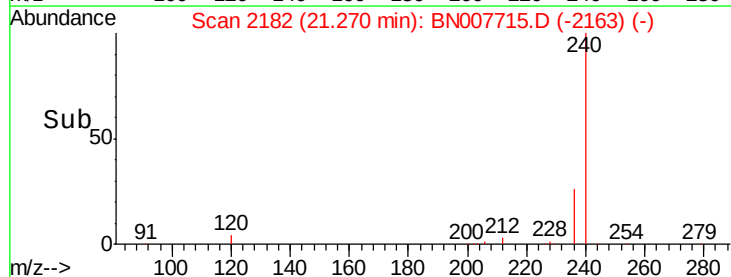
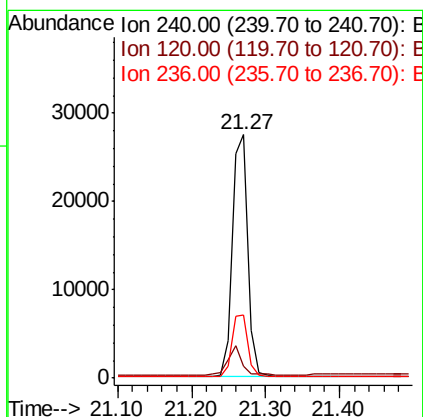
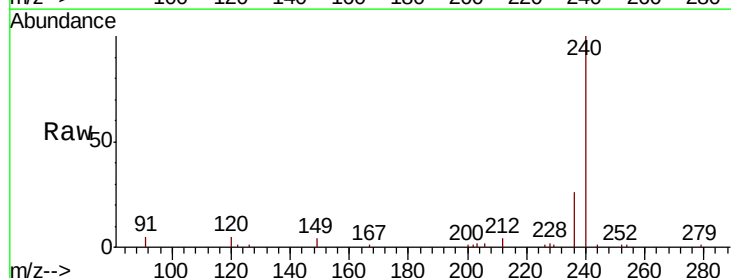
Instrument :  
BNA\_N  
ClientSampleId :  
MW6-R2-1

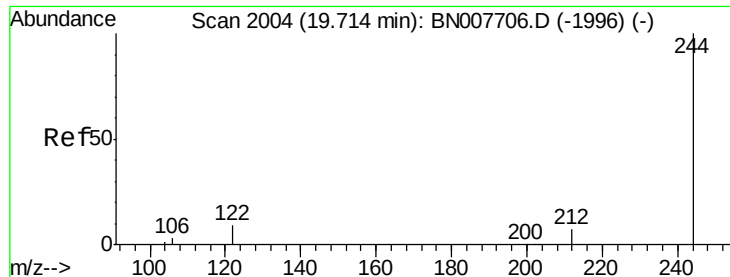
Tot Ion:202 Resp: 3404  
Ion Ratio Lower Upper  
202 100  
101 10.5 8.4 12.6  
203 21.2 13.8 20.8#



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.27 min Scan# 2182  
Delta R.T. 0.00 min  
Lab File: BN007715.D  
Acq: 18 Sep 2019 20:53

Tgt Ion:240 Resp: 40452  
Ion Ratio Lower Upper  
240 100  
120 5.2 5.4 8.2#  
236 26.1 21.0 31.4





#29

Terphenyl-d14

Concen: 0.479 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

Instrument :

BNA\_N

ClientSampled :

MW6-R2-1

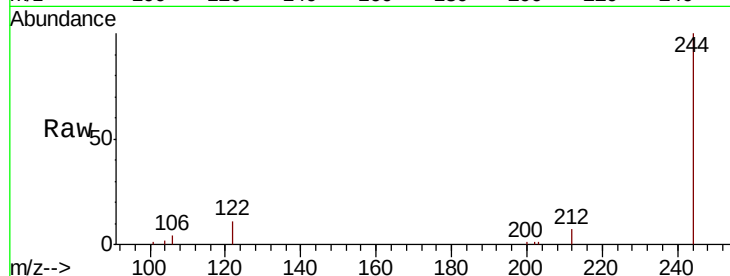
Tot Ion:244 Resp: 47610

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

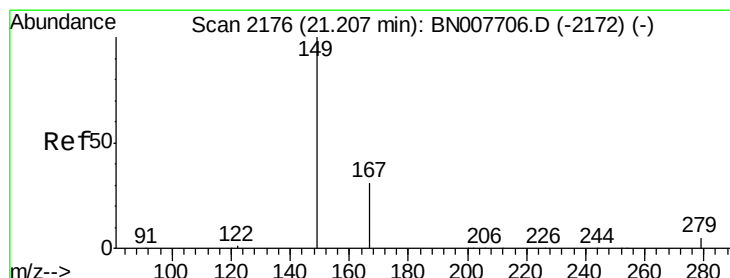
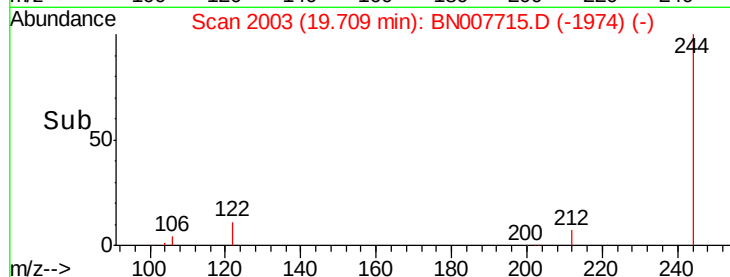
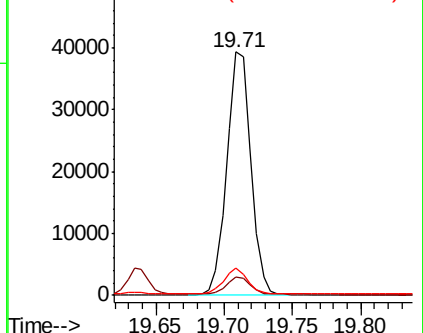
122 11.2 7.4 11.2#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007715.D

Acq: 18 Sep 2019 20:53

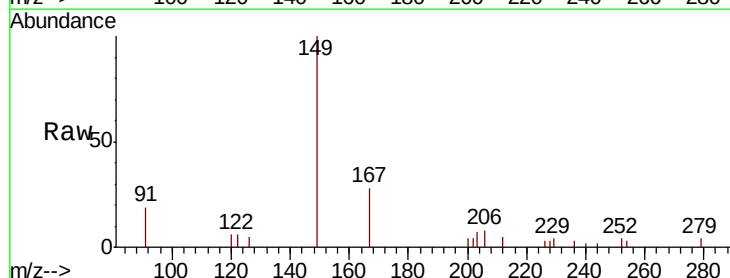
Tgt Ion:149 Resp: 6638

Ion Ratio Lower Upper

149 100

167 26.0 23.7 35.5

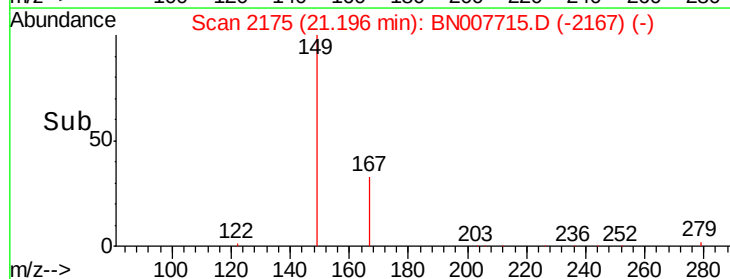
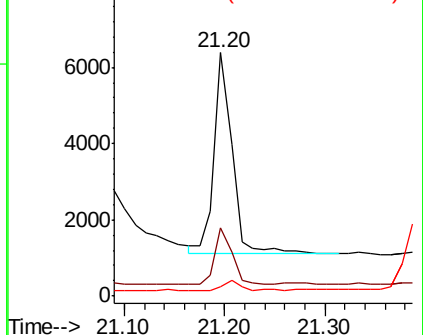
279 4.7 4.2 6.2

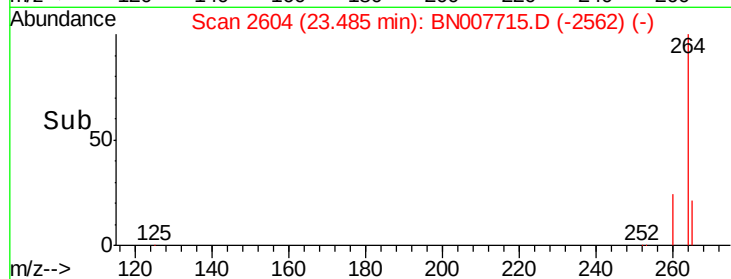
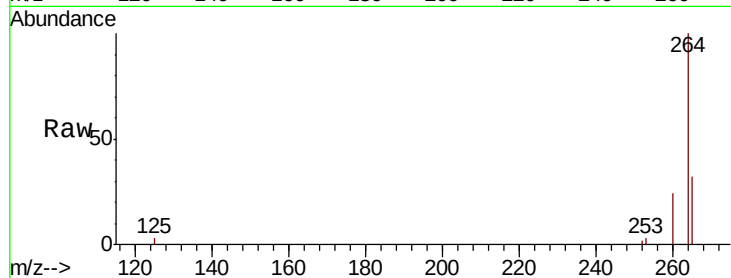
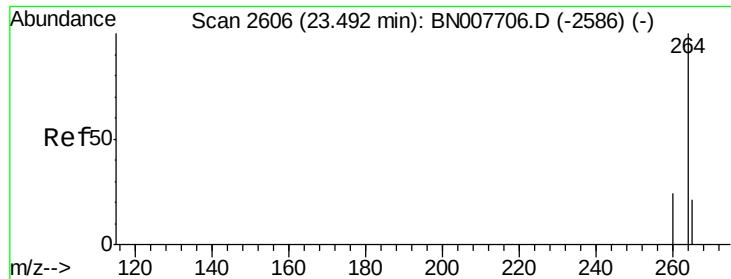


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34  
 Pervlene-d12  
 Concen: 0.400 ng  
 RT: 23.49 min Scan# 2604  
 Delta R.T. -0.01 min  
 Lab File: BN007715.D  
 Acq: 18 Sep 2019 20:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW6-R2-1

Tot Ion:264 Resp: 44644  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.3 28.9  
 265 32.1 26.9 40.3

