

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\  
 Data File : BN003363.D  
 Acq On : 30 Oct 2018 18:00  
 Operator : MJ/SJ  
 Sample : J5692-15  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FT-DUP02-20181025

Quant Time: Oct 31 02:26:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 16:15:49 2018  
 Response via : Initial Calibration

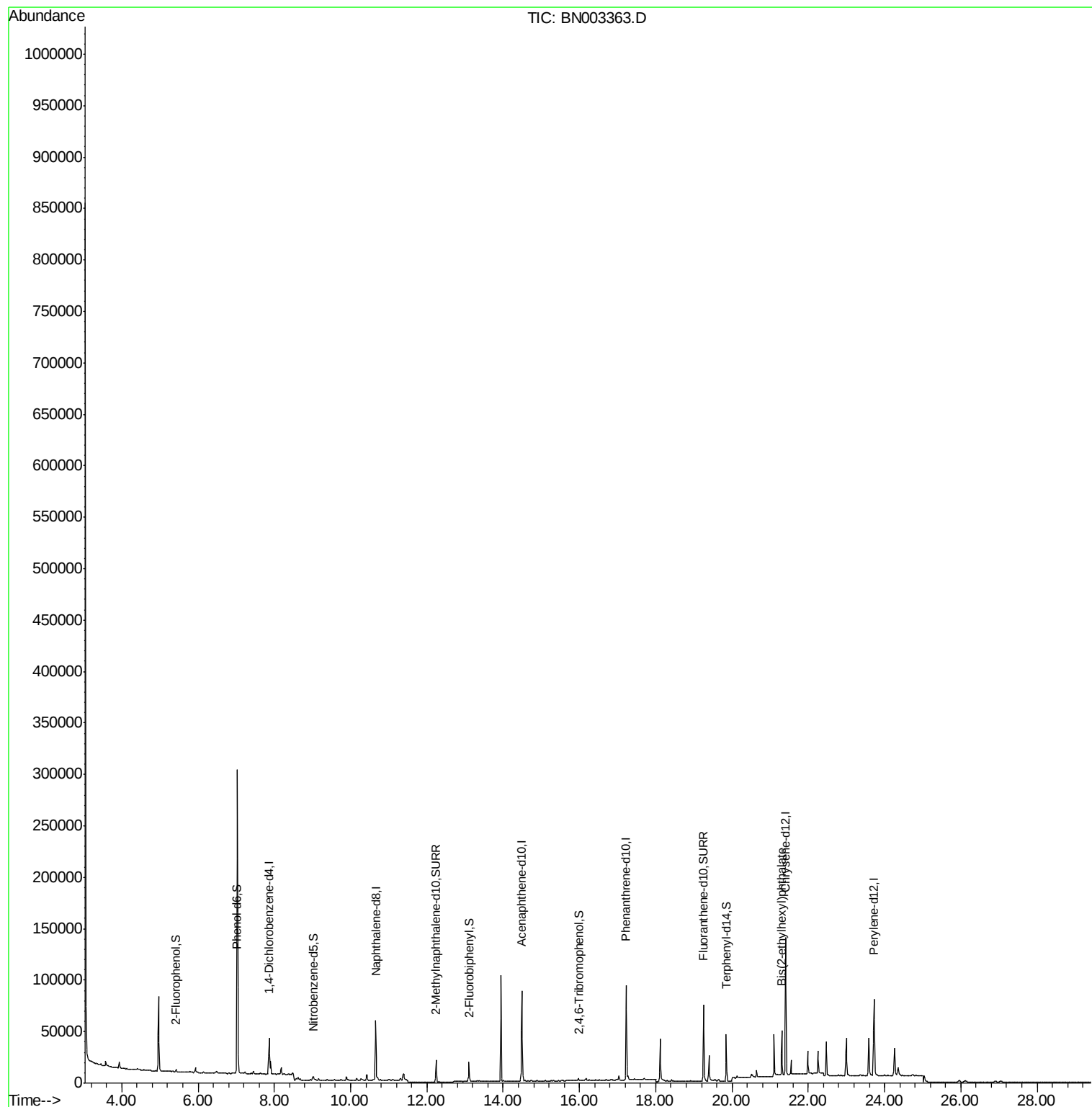
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.86  | 152  | 17803    | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.66 | 136  | 79760    | 0.40  | ng    | -0.01    |
| 13) Acenaphthene-d10           | 14.49 | 164  | 48029    | 0.40  | ng    | -0.01    |
| 19) Phenanthrene-d10           | 17.23 | 188  | 121243   | 0.40  | ng    | -0.01    |
| 27) Chrysene-d12               | 21.41 | 240  | 124560   | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.73 | 264  | 102460   | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.42  | 112  | 1734     | 0.04  | ng    | 0.00     |
| 5) Phenol-d6                   | 7.01  | 99   | 1599     | 0.03  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.02  | 82   | 3202     | 0.09  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.24 | 152  | 29495    | 0.23  | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol       | 15.98 | 330  | 1233     | 0.06  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.11 | 172  | 17848    | 0.09  | ng    | -0.02    |
| 25) Fluoranthene-d10           | 19.25 | 212  | 80428    | 0.23  | ng    | -0.01    |
| 29) Terphenyl-d14              | 19.85 | 244  | 44909    | 0.16  | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149  | 36649    | 0.379 | ng    | 99       |

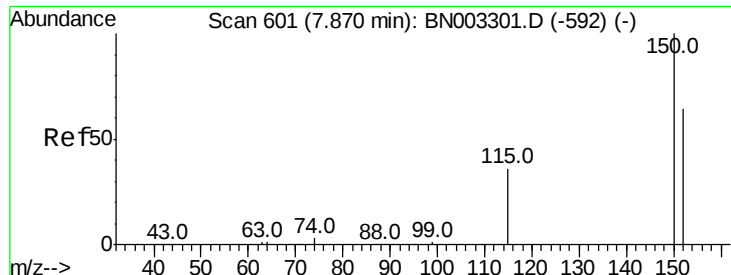
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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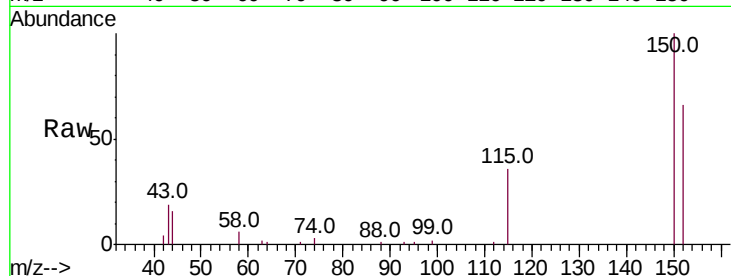




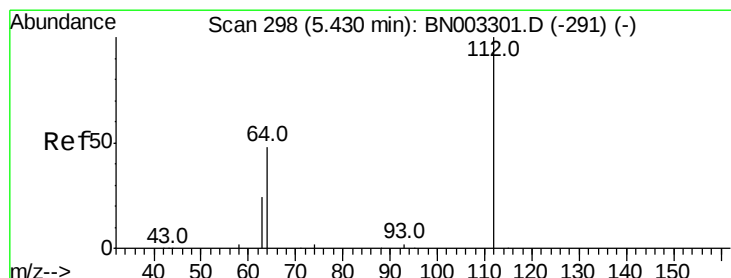
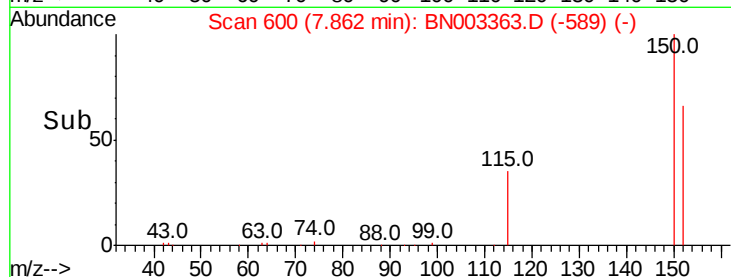
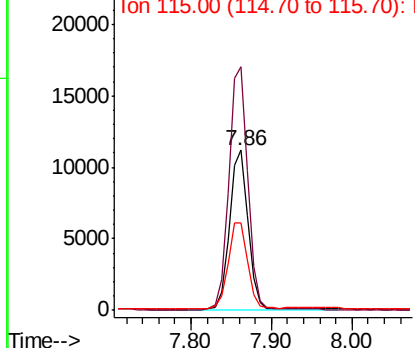
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.86 min Scan# 600  
 Delta R.T. -0.01 min  
 Lab File: BN003363.D  
 Acq: 30 Oct 2018 18:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FT-DUP02-20181025

Tot Ion:152 Resp: 17803  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 124.6 187.0  
 115 54.9 46.4 69.6

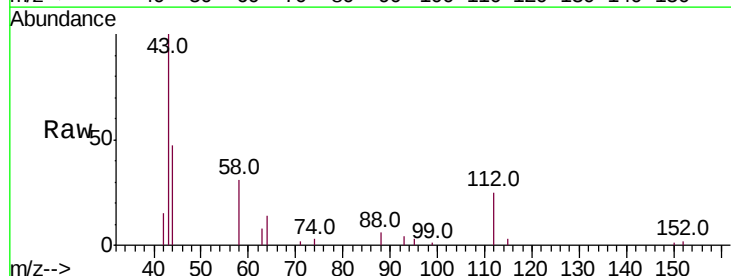


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

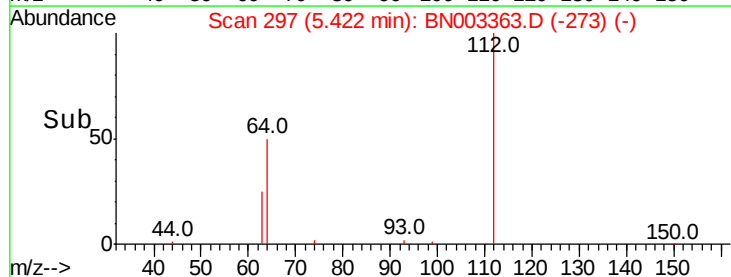
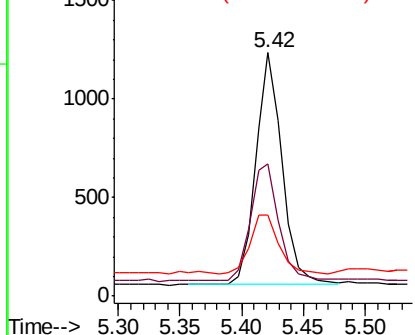


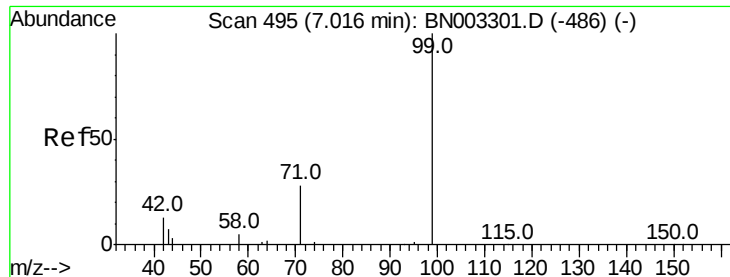
#4  
 2-Fluorophenol  
 Concen: 0.039 ng  
 RT: 5.42 min Scan# 297  
 Delta R.T. -0.01 min  
 Lab File: BN003363.D  
 Acq: 30 Oct 2018 18:00

Tgt Ion:112 Resp: 1734  
 Ion Ratio Lower Upper  
 112 100  
 64 55.8 44.3 66.5  
 63 28.0 22.4 33.6



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: 0.029 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

Instrument :

BNA\_N

ClientSampleId :

FT-DUP02-20181025

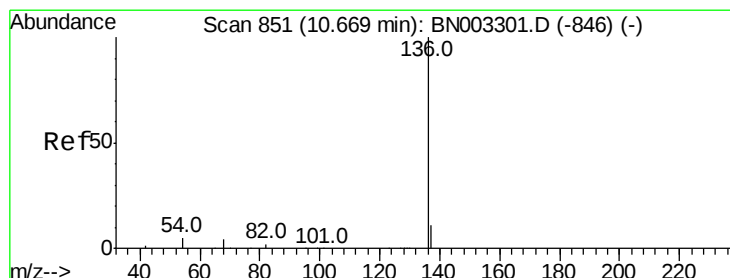
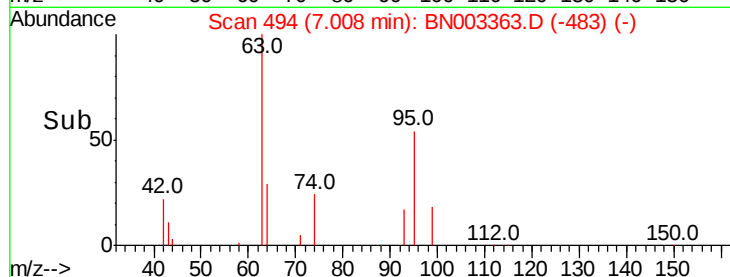
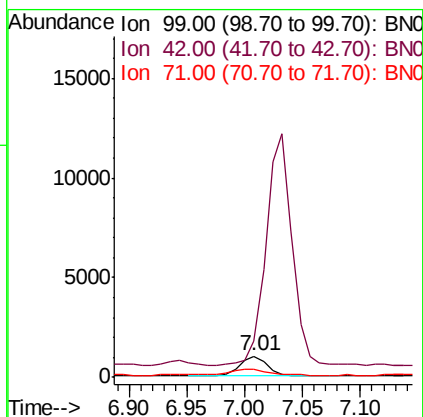
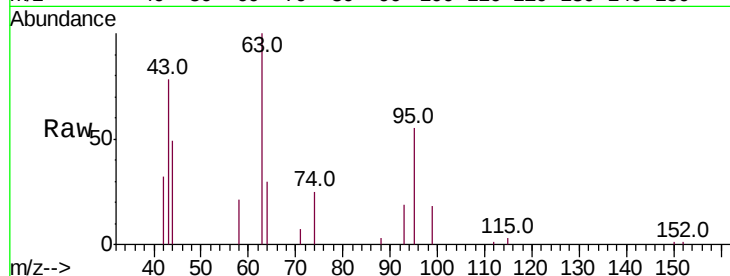
Tot Ion: 99 Resp: 1599

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

71 45.0 24.8 37.2#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

Tgt Ion: 136 Resp: 79760

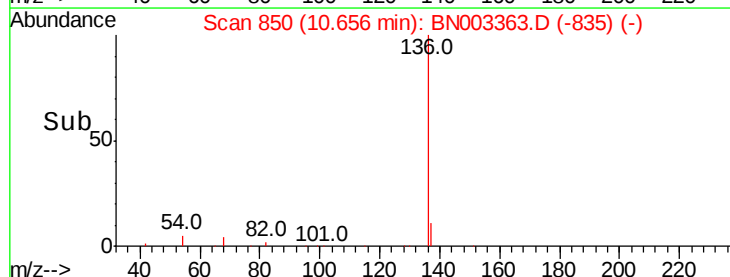
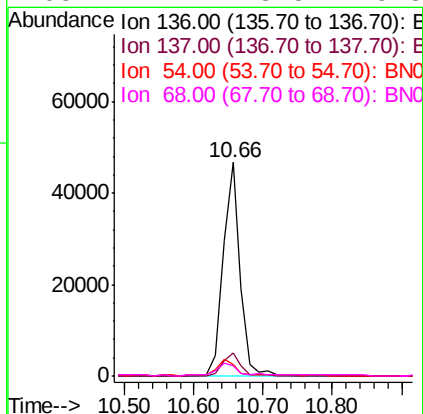
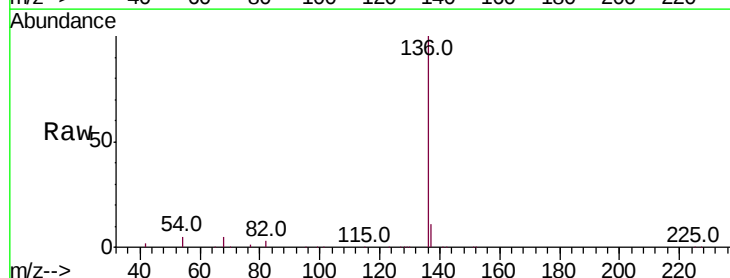
Ion Ratio Lower Upper

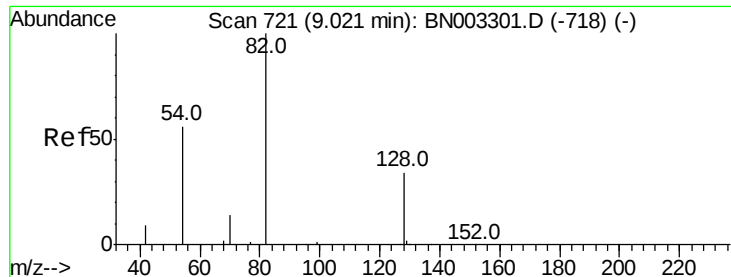
136 100

137 11.0 9.0 13.4

54 5.4 4.1 6.1

68 4.7 3.5 5.3

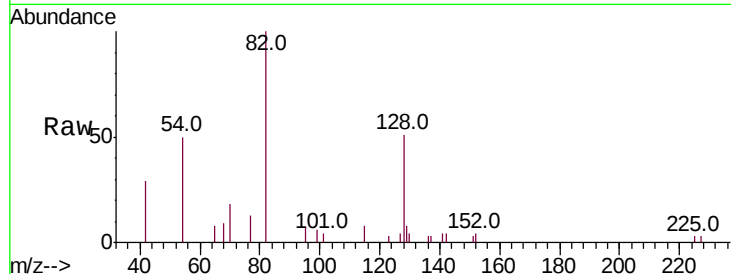




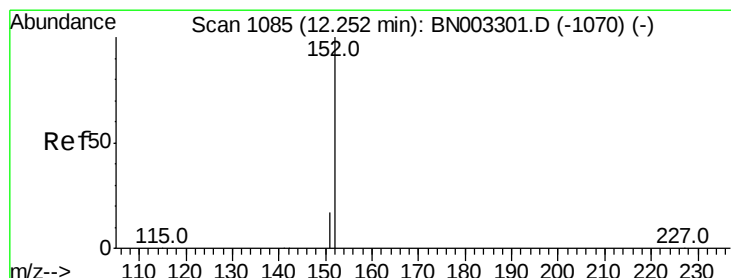
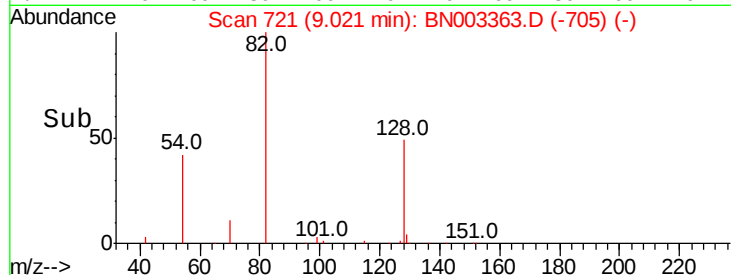
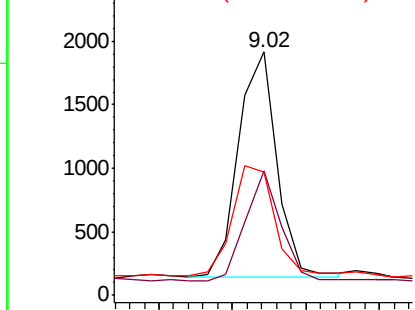
#8  
 Nitrobenzene-d5  
 Concen: 0.092 ng  
 RT: 9.02 min Scan# 721  
 Delta R.T. 0.00 min  
 Lab File: BN003363.D  
 Acq: 30 Oct 2018 18:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FT-DUP02-20181025

Tot Ion: 82 Resp: 3202  
 Ion Ratio Lower Upper  
 82 100  
 128 51.2 28.9 43.3#  
 54 50.5 46.1 69.1

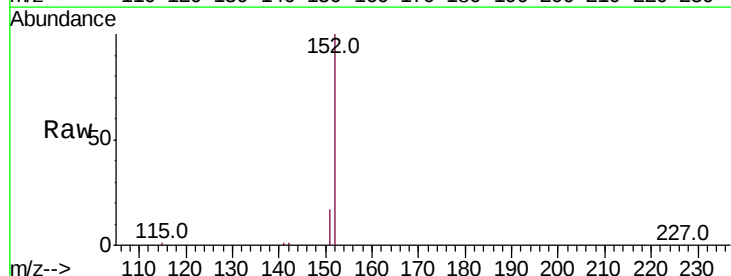


Abundance Ion 82.00 (81.70 to 82.70): BNC  
 Ion 128.00 (127.70 to 128.70): BNC  
 Ion 54.00 (53.70 to 54.70): BNC

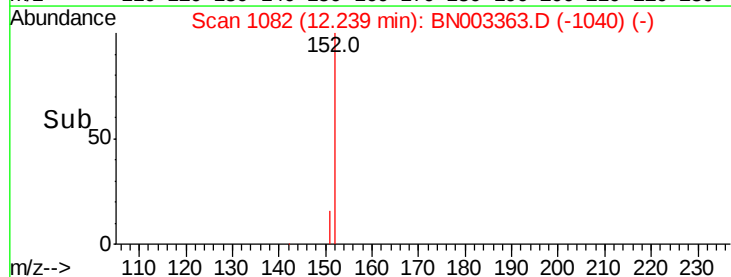
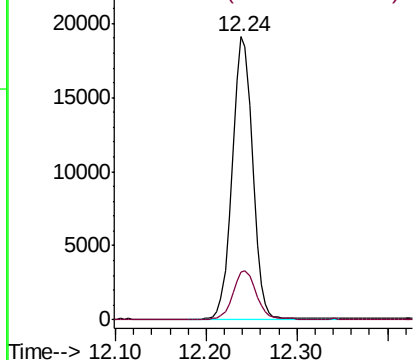


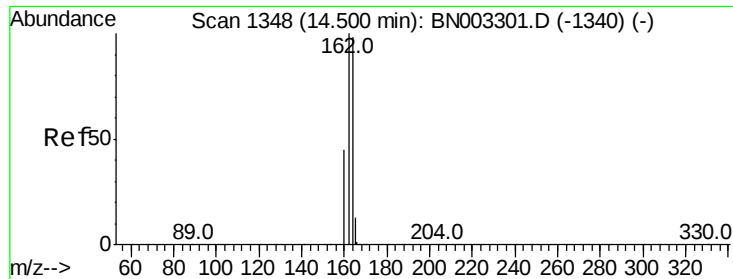
#11  
 2-Methylnaphthalene-d10  
 Concen: 0.227 ng  
 RT: 12.24 min Scan# 1082  
 Delta R.T. -0.01 min  
 Lab File: BN003363.D  
 Acq: 30 Oct 2018 18:00

Tgt Ion: 152 Resp: 29495  
 Ion Ratio Lower Upper  
 152 100  
 151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

Instrument :

BNA\_N

ClientSampleId :

FT-DUP02-20181025

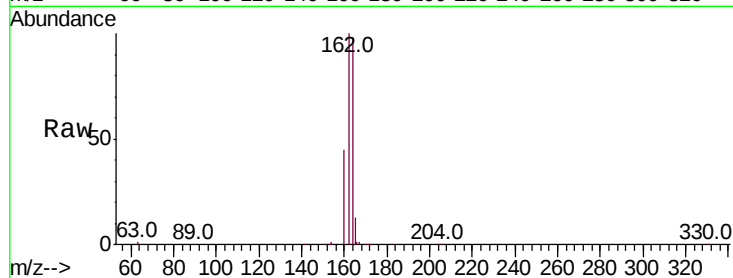
Tot Ion:164 Resp: 48029

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

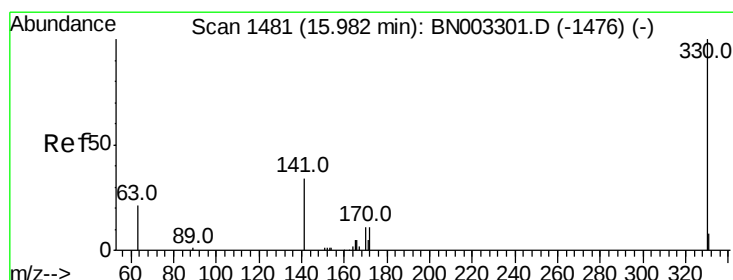
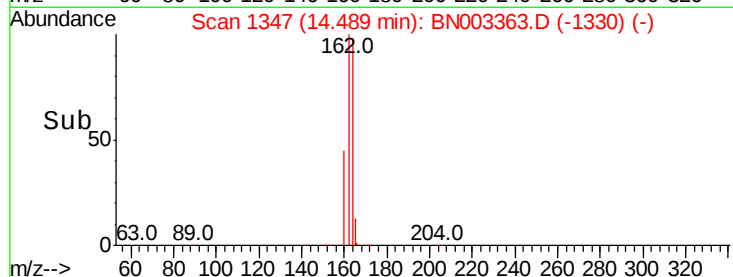
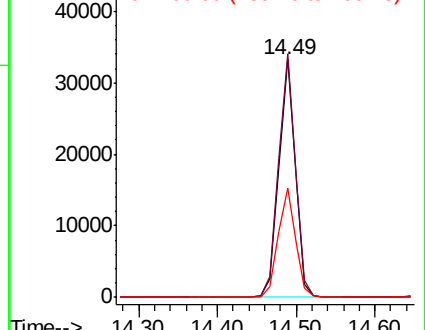
160 46.1 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.064 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

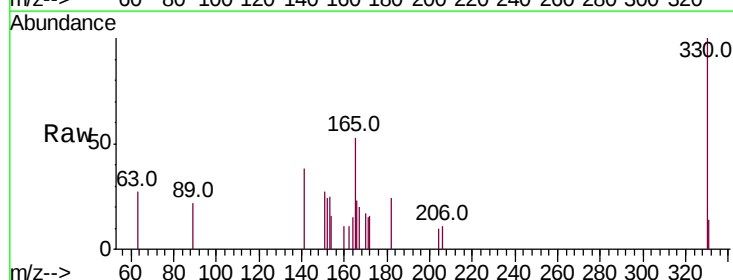
Tgt Ion:330 Resp: 1233

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

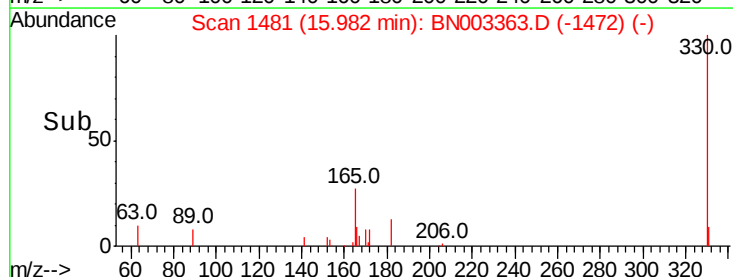
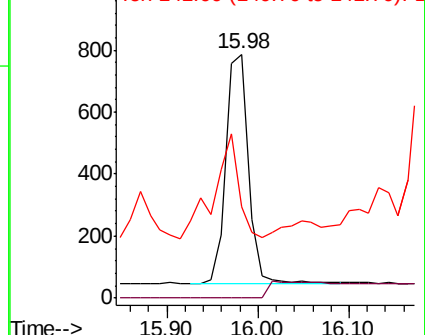
141 51.9 28.3 42.5#

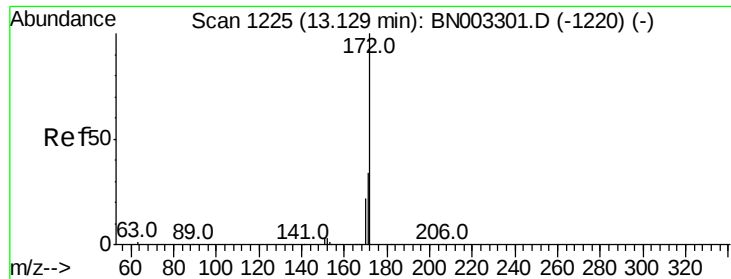


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

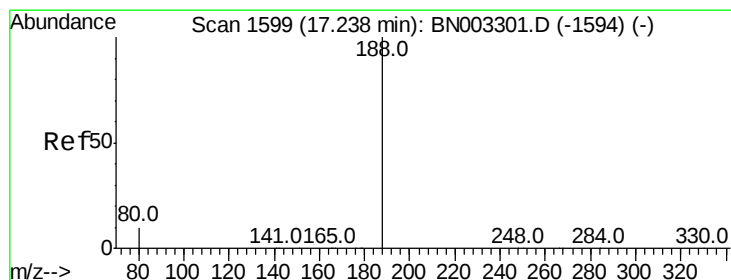
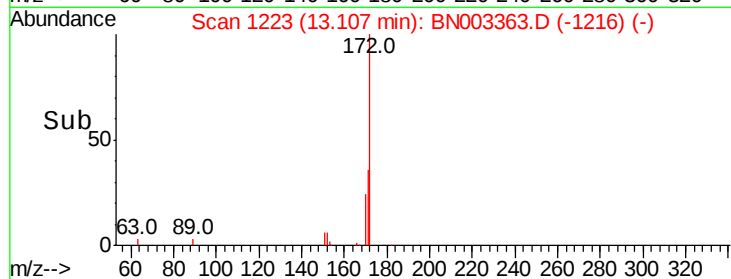
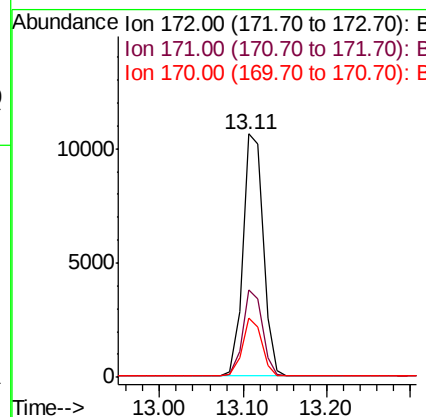
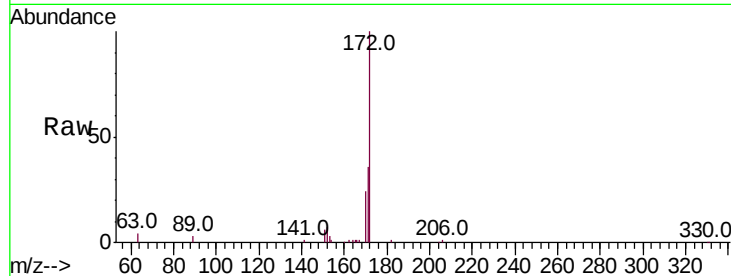




#15  
2-Fluorobiphenyl  
Concen: 0.086 ng  
RT: 13.11 min Scan# 1223  
Delta R.T. -0.02 min  
Lab File: BN003363.D  
Acq: 30 Oct 2018 18:00

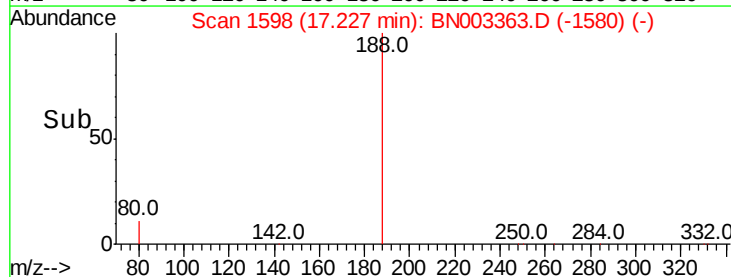
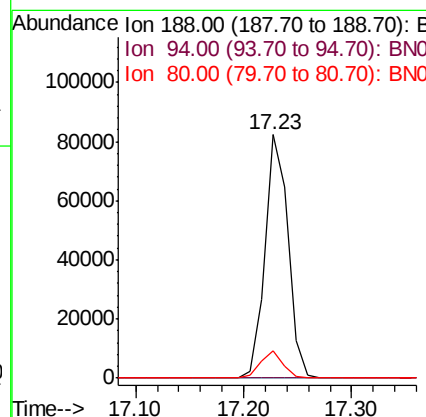
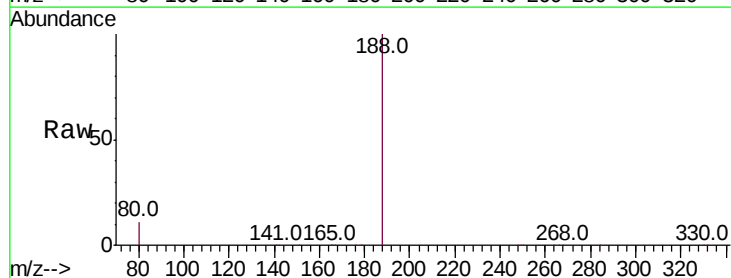
Instrument :  
BNA\_N  
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FT-DUP02-20181025

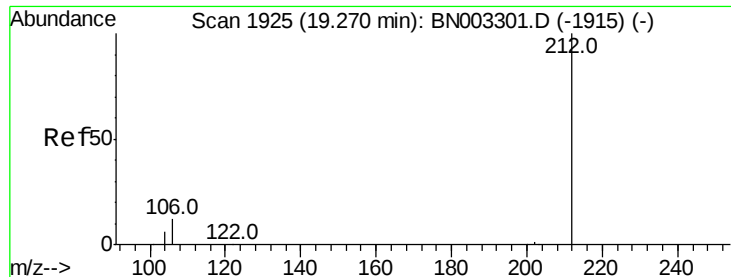
Tot Ion:172 Resp: 17848  
Ion Ratio Lower Upper  
172 100  
171 36.0 27.1 40.7  
170 24.5 17.4 26.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.23 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BN003363.D  
Acq: 30 Oct 2018 18:00

Tgt Ion:188 Resp: 121243  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.1 8.6 12.8





#25

Fluoranthene-d10

Concen: 0.228 ng

RT: 19.25 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

Instrument :

BNA\_N

ClientSampleId :

FT-DUP02-20181025

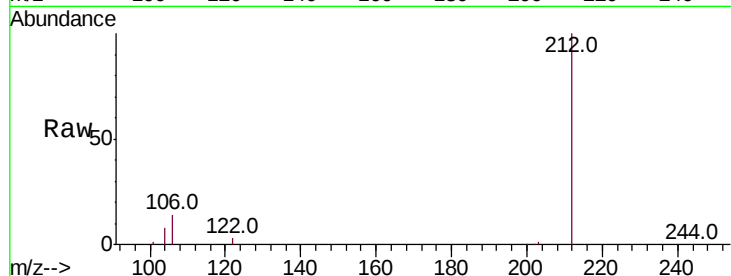
Tot Ion:212 Resp: 80428

Ion Ratio Lower Upper

212 100

106 14.1 10.3 15.5

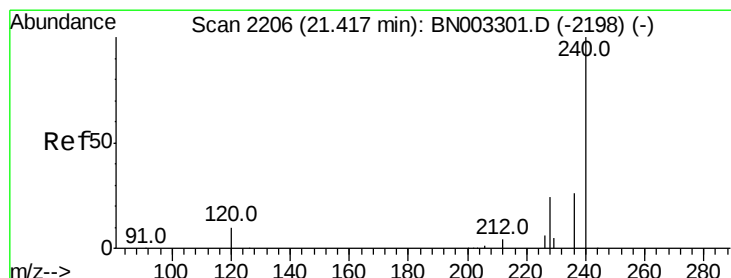
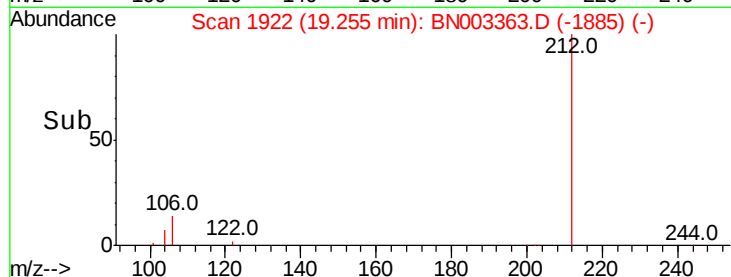
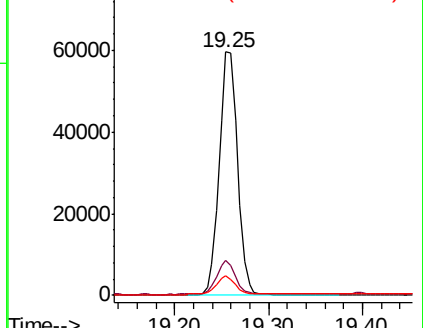
104 7.9 5.6 8.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

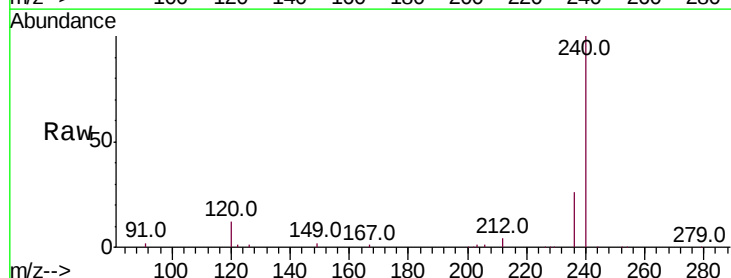
Tgt Ion:240 Resp: 124560

Ion Ratio Lower Upper

240 100

120 11.9 9.3 13.9

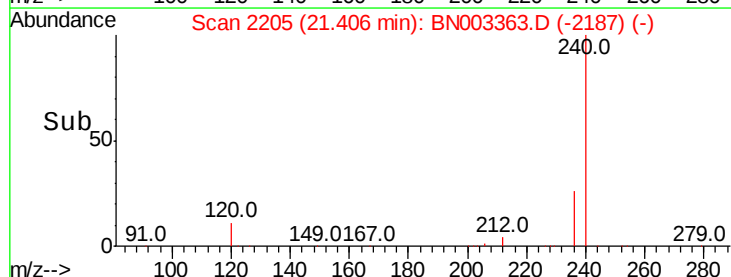
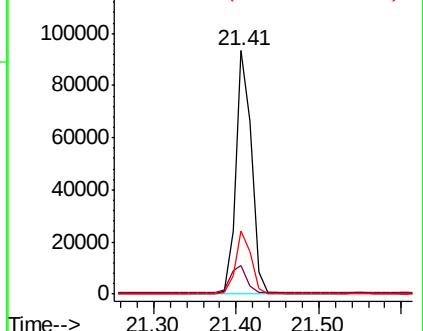
236 26.1 21.0 31.4

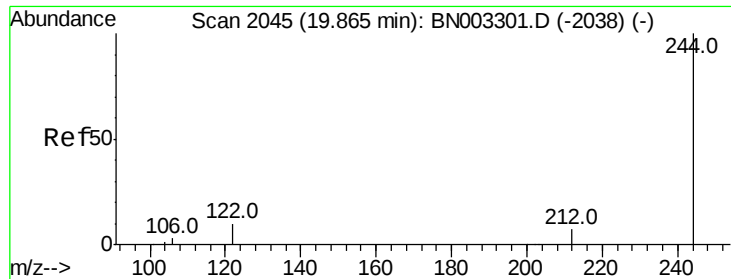


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.155 ng

RT: 19.85 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

Instrument :

BNA\_N

ClientSampleId :

FT-DUP02-20181025

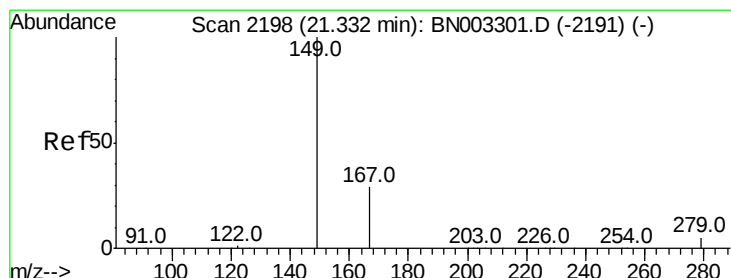
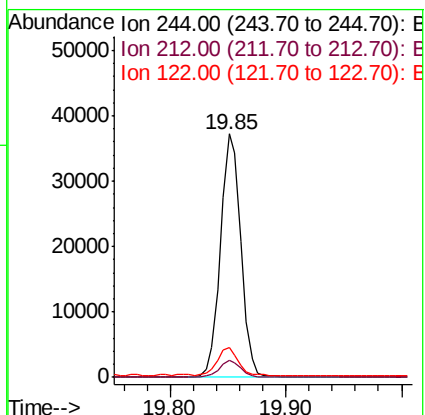
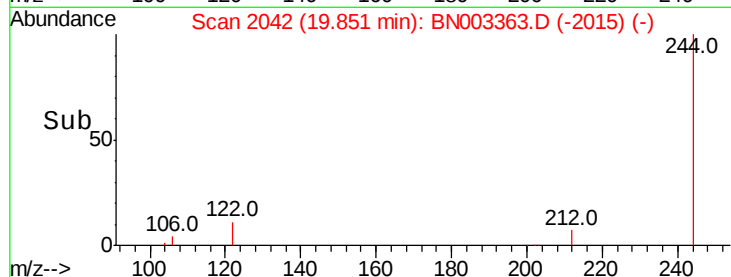
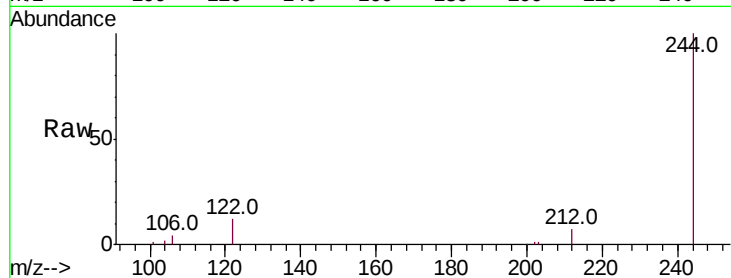
Tot Ion:244 Resp: 44909

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.3 8.5 12.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.379 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

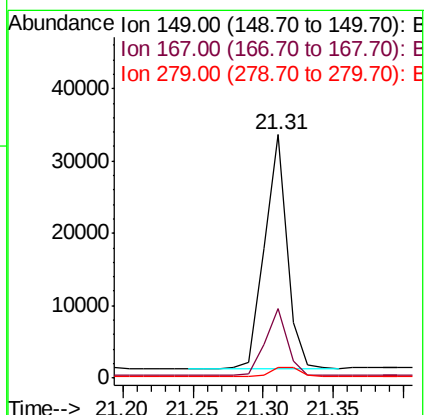
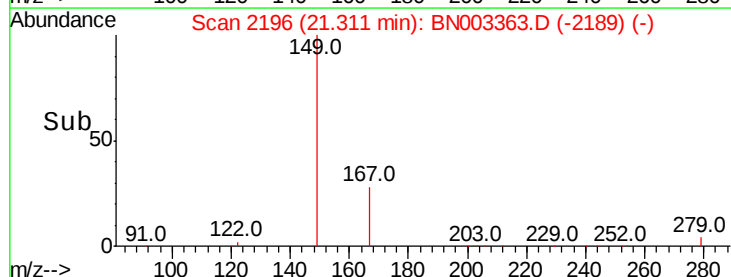
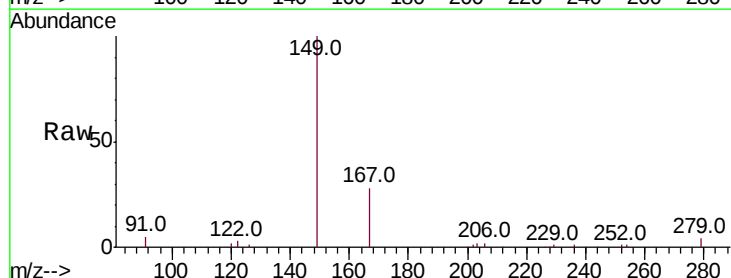
Tgt Ion:149 Resp: 36649

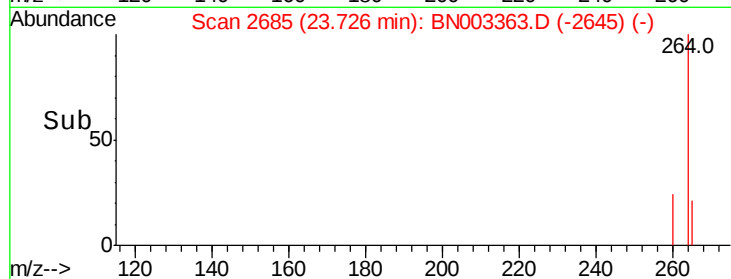
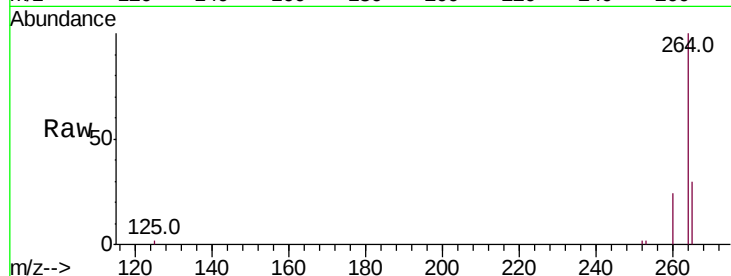
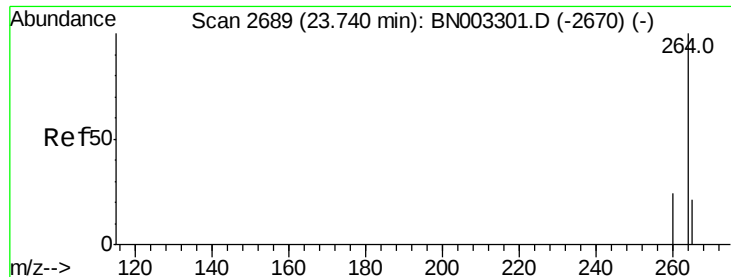
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 5.1 3.9 5.9





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BN003363.D

Acq: 30 Oct 2018 18:00

Instrument :

BNA\_N

ClientSampleId :

FT-DUP02-20181025

Tot Ion: 264 Resp: 102460

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 29.5 26.4 39.6

