

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\  
 Data File : BN003348.D  
 Acq On : 30 Oct 2018 00:48  
 Operator : MJ/SJ  
 Sample : J5692-13  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FT-PZ458I-20181025

Quant Time: Oct 30 06:46:56 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

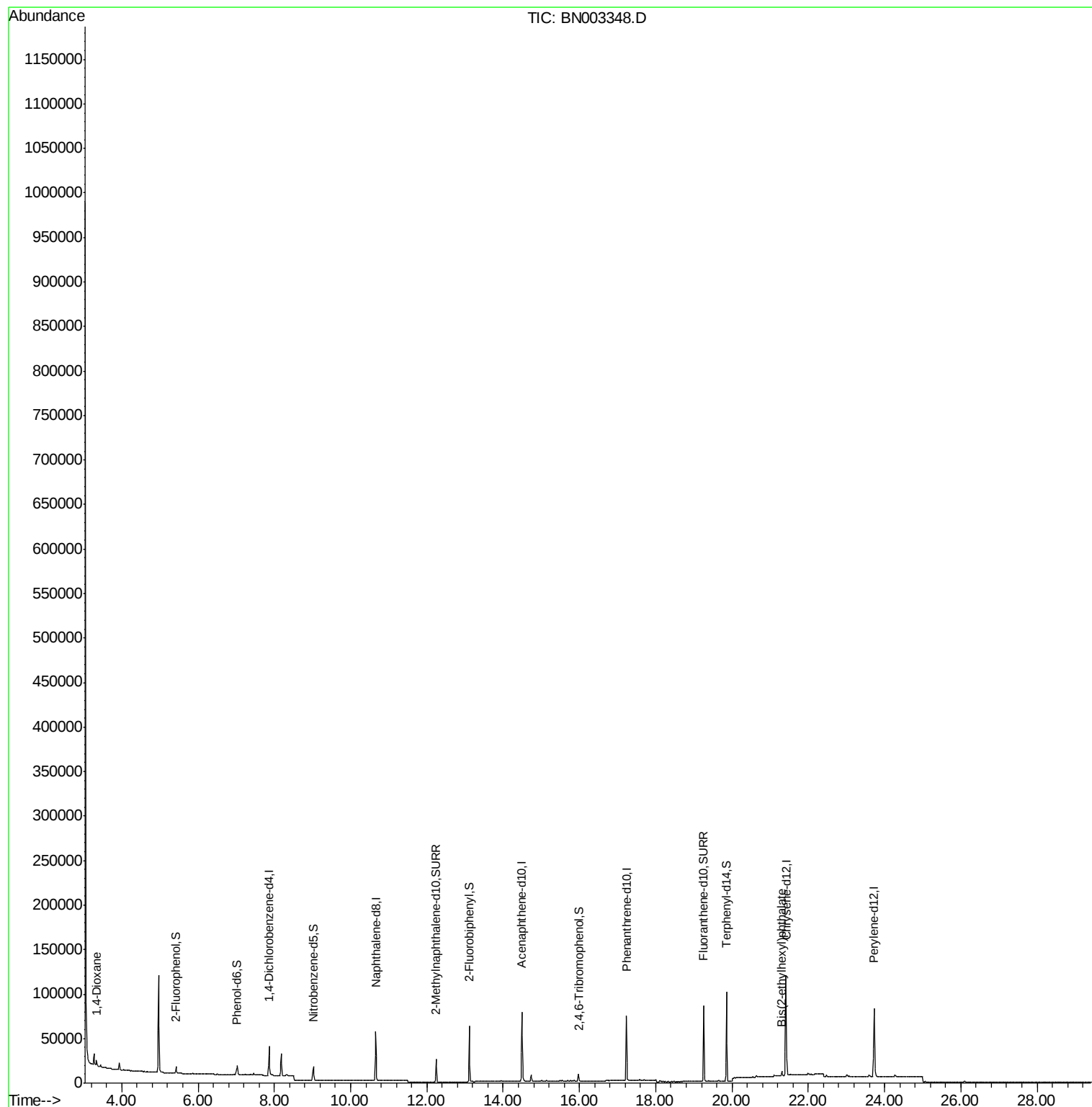
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.86  | 152  | 16199    | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.66 | 136  | 71150    | 0.40  | ng    | -0.01       |
| 13) Acenaphthene-d10           | 14.49 | 164  | 44578    | 0.40  | ng    | -0.01       |
| 19) Phenanthrene-d10           | 17.24 | 188  | 103615   | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 21.42 | 240  | 117415   | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 23.73 | 264  | 107052   | 0.40  | ng    | -0.01       |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.42  | 112  | 5803     | 0.14  | ng    | 0.00        |
| 5) Phenol-d6                   | 7.01  | 99   | 4470     | 0.09  | ng    | 0.00        |
| 8) Nitrobenzene-d5             | 9.02  | 82   | 12743    | 0.41  | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10    | 12.24 | 152  | 35371    | 0.31  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol       | 15.98 | 330  | 6032     | 0.34  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl           | 13.12 | 172  | 58985    | 0.31  | ng    | -0.01       |
| 25) Fluoranthene-d10           | 19.26 | 212  | 94298    | 0.31  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.86 | 244  | 99553    | 0.36  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 2) 1,4-Dioxane                 | 3.34  | 88   | 4073     | 0.194 | ng    | Qvalue # 79 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149  | 4298     | 0.047 | ng    | 99          |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\  
Data File : BN003348.D  
Acq On : 30 Oct 2018 00:48  
Operator : MJ/SJ  
Sample : J5692-13  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
FT-PZ458I-20181025

Quant Time: Oct 30 06:46:56 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

Instrument :

BNA\_N

ClientSampleId :

FT-PZ458I-20181025

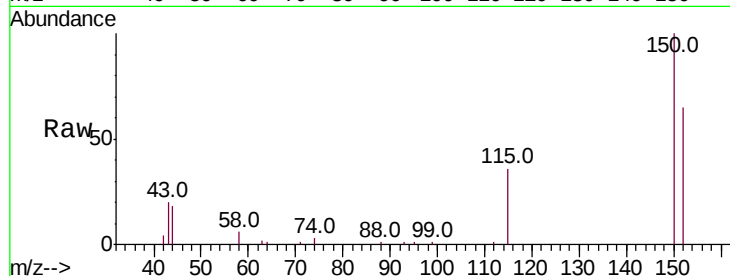
Tot Ion:152 Resp: 16199

Ion Ratio Lower Upper

152 100

150 152.7 124.6 187.0

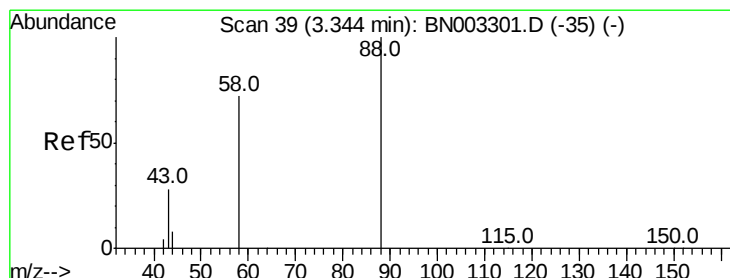
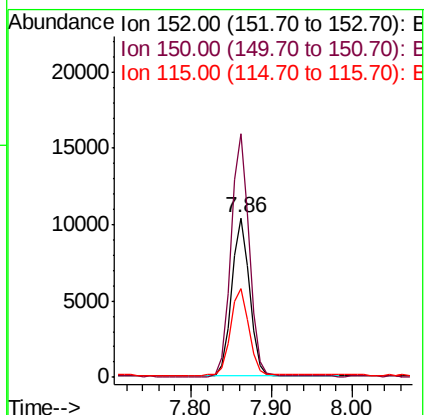
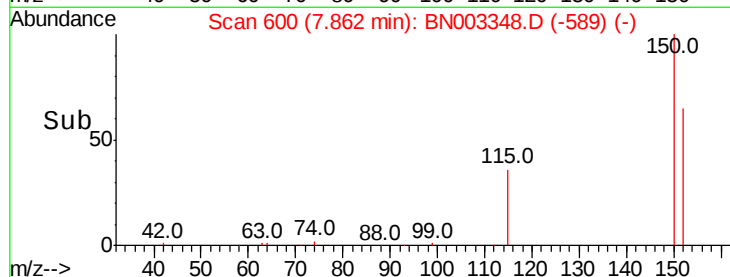
115 55.7 46.4 69.6



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



#2

1,4-Dioxane

Concen: 0.194 ng

RT: 3.34 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

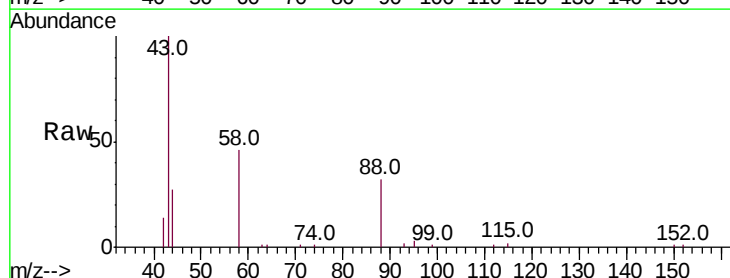
Tgt Ion: 88 Resp: 4073

Ion Ratio Lower Upper

88 100

58 80.3 60.9 91.3

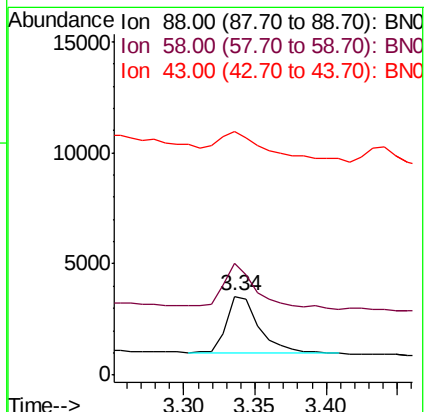
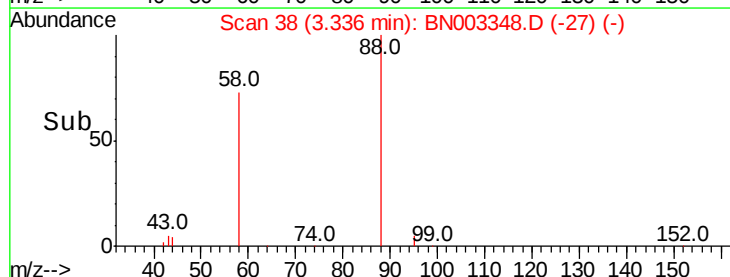
43 63.9 23.9 35.9#

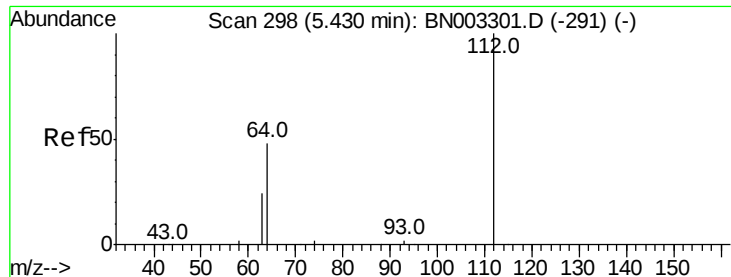


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

Instrument :

BNA\_N

ClientSampleId :

FT-PZ458I-20181025

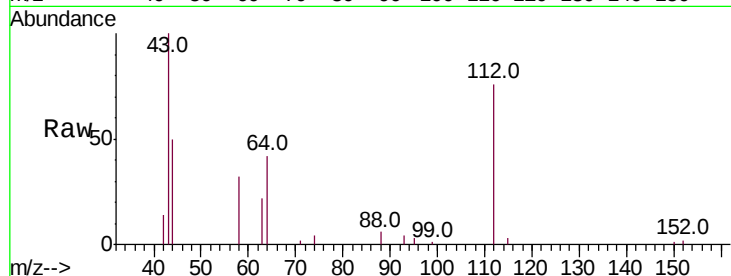
Tot Ion:112 Resp: 5803

Ion Ratio Lower Upper

112 100

64 53.2 44.3 66.5

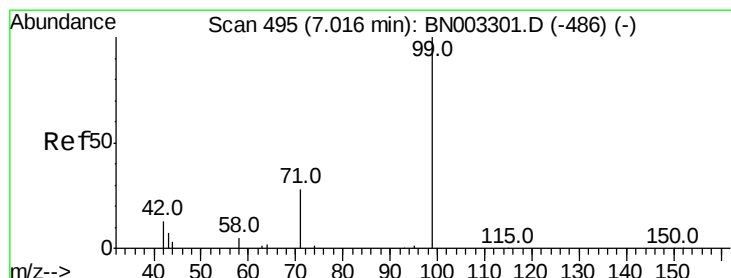
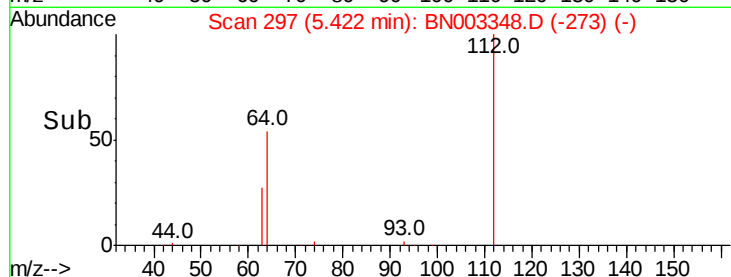
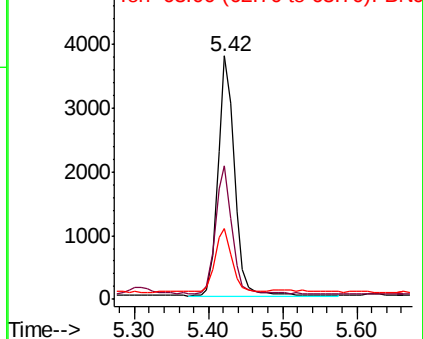
63 27.1 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.088 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

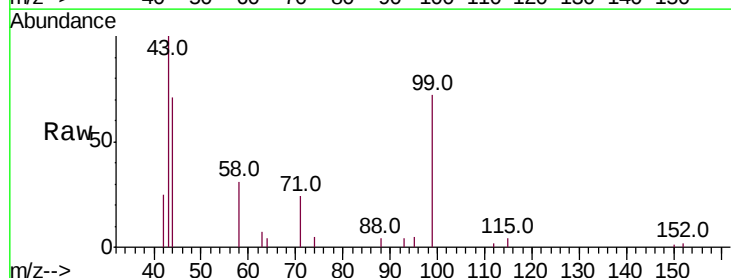
Tgt Ion: 99 Resp: 4470

Ion Ratio Lower Upper

99 100

42 32.9 14.8 22.2#

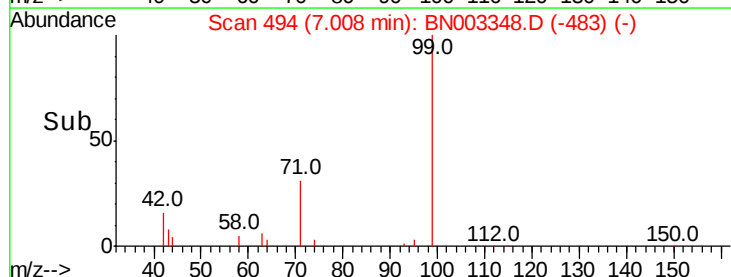
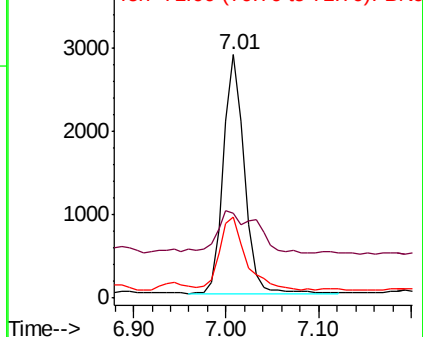
71 38.0 24.8 37.2#

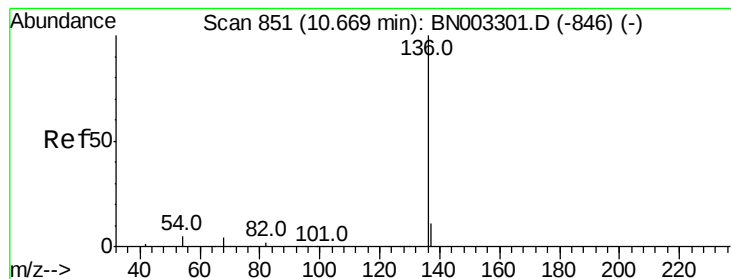


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

Instrument :

BNA\_N

ClientSampleId :

FT-PZ458I-20181025

Tot Ion:136 Resp: 71150

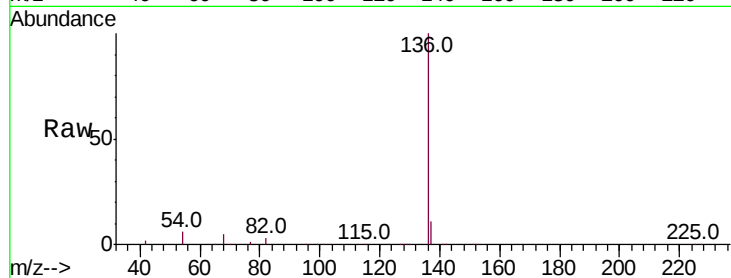
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.5 4.1 6.1#

68 5.3 3.5 5.3#

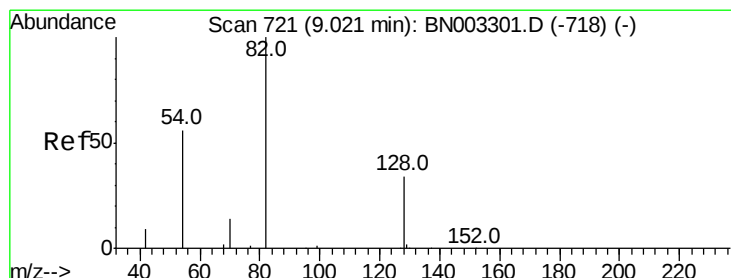
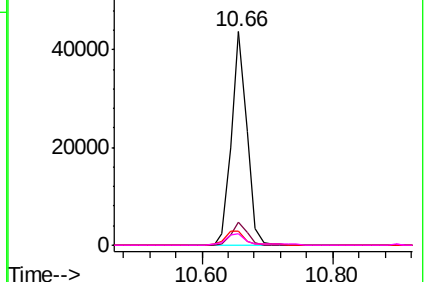
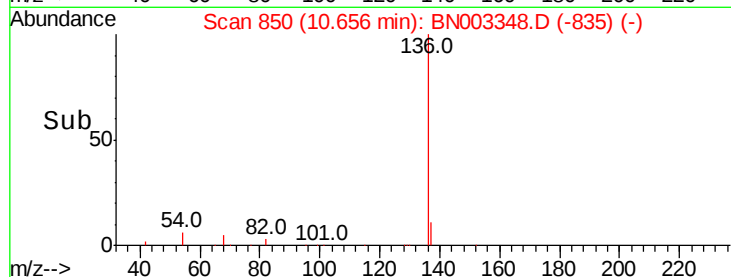


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.409 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

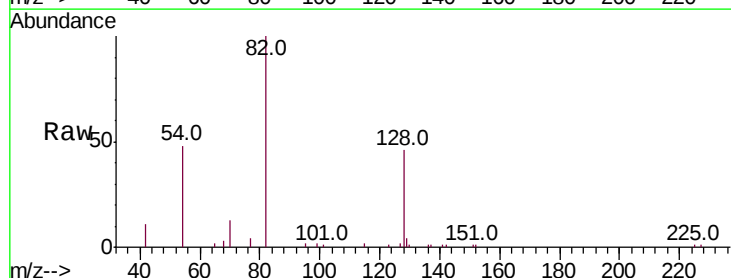
Tgt Ion: 82 Resp: 12743

Ion Ratio Lower Upper

82 100

128 45.6 28.9 43.3#

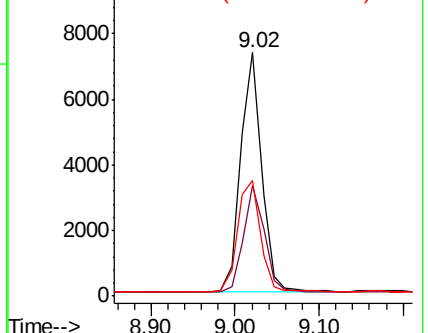
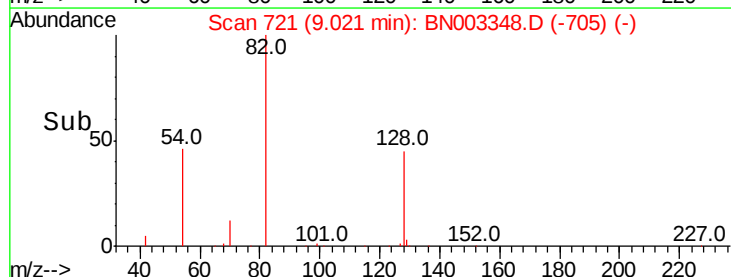
54 47.5 46.1 69.1

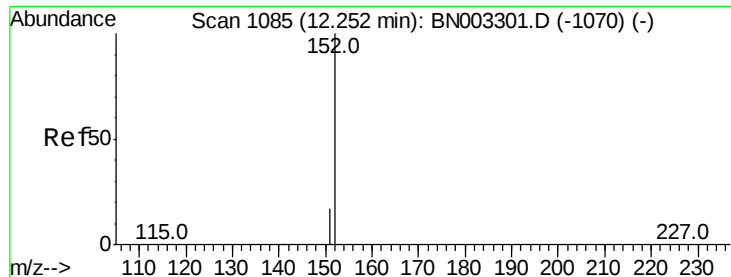


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

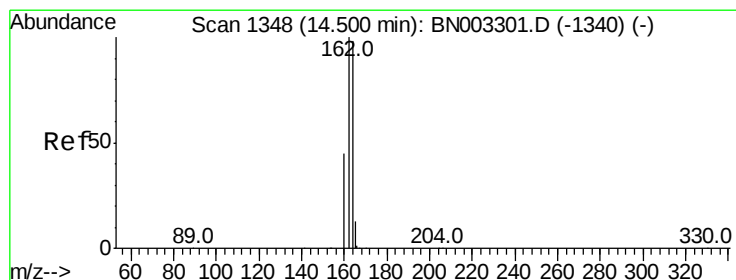
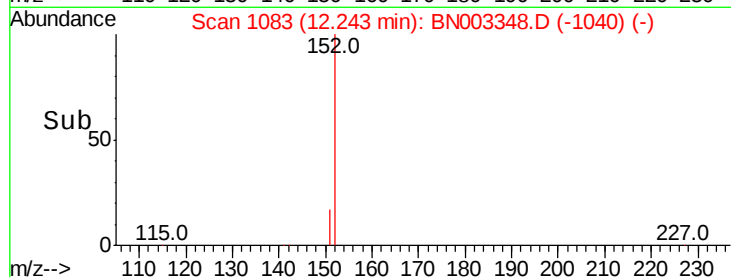
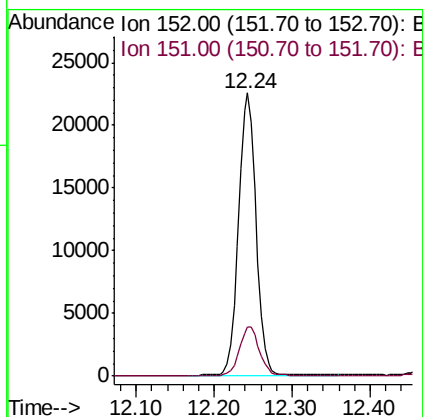
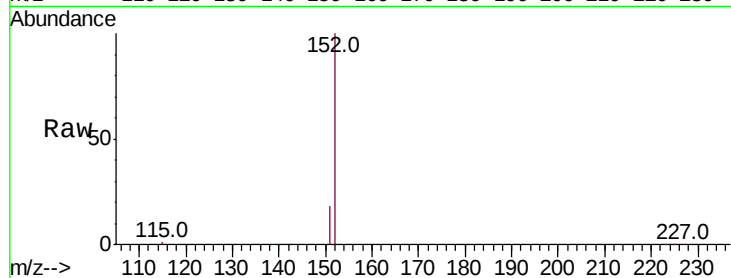




#11  
2-Methylnaphthalene-d10  
Concen: 0.305 ng  
RT: 12.24 min Scan# 1083  
Delta R.T. -0.01 min  
Lab File: BN003348.D  
Acq: 30 Oct 2018 00:48

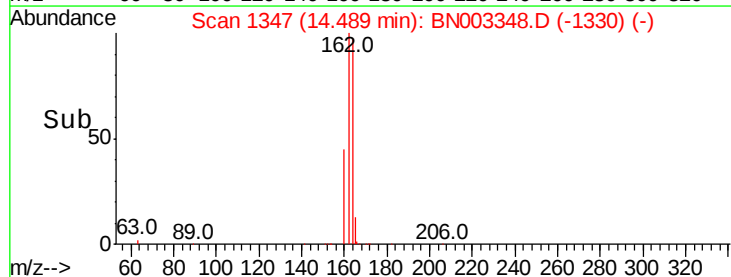
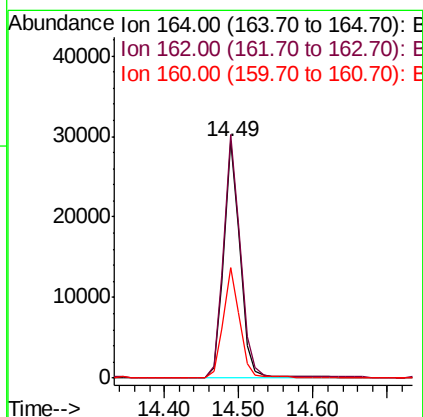
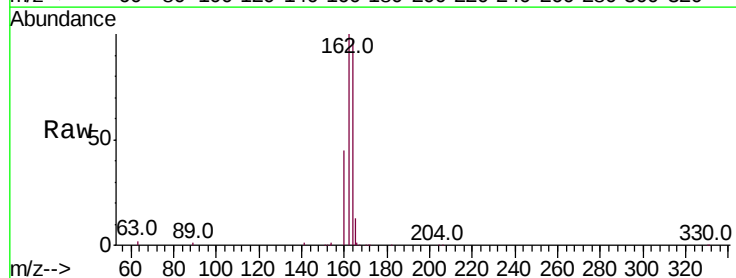
Instrument :  
BNA\_N  
ClientSampleId :  
FT-PZ458I-20181025

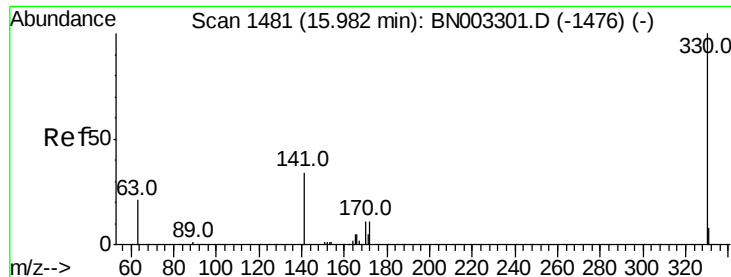
Tot Ion:152 Resp: 35371  
Ion Ratio Lower Upper  
152 100  
151 18.8 15.1 22.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.49 min Scan# 1347  
Delta R.T. -0.01 min  
Lab File: BN003348.D  
Acq: 30 Oct 2018 00:48

Tgt Ion:164 Resp: 44578  
Ion Ratio Lower Upper  
164 100  
162 102.7 81.8 122.6  
160 46.6 37.2 55.8

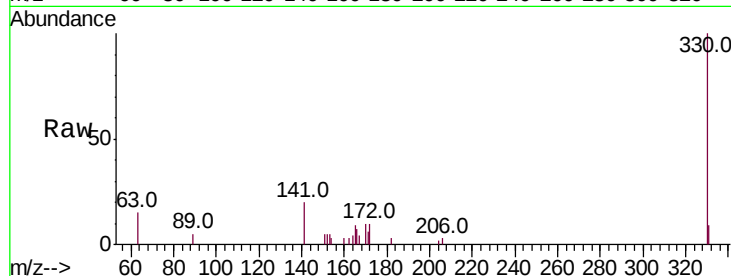




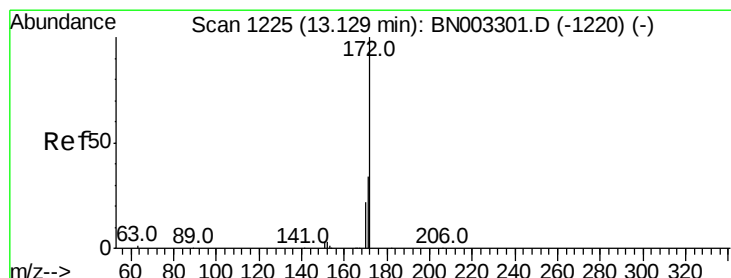
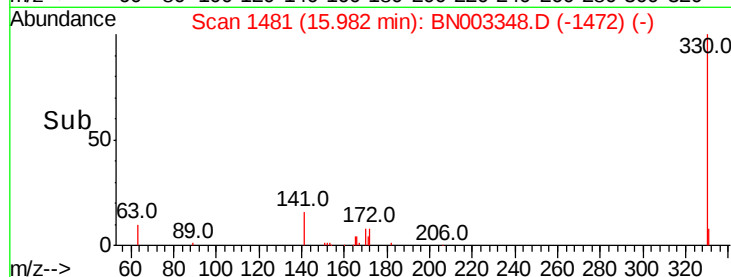
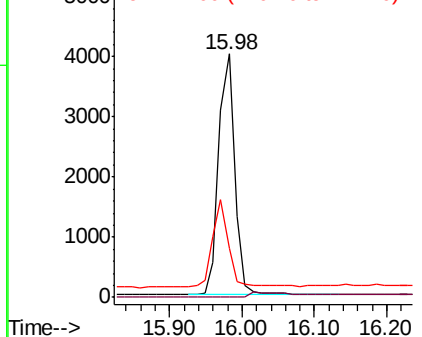
#14  
 2,4,6-Tribromophenol  
 Concen: 0.340 ng  
 RT: 15.98 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: BN003348.D  
 Acq: 30 Oct 2018 00:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FT-PZ458I-20181025

Tot Ion:330 Resp: 6032  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 36.6 28.3 42.5

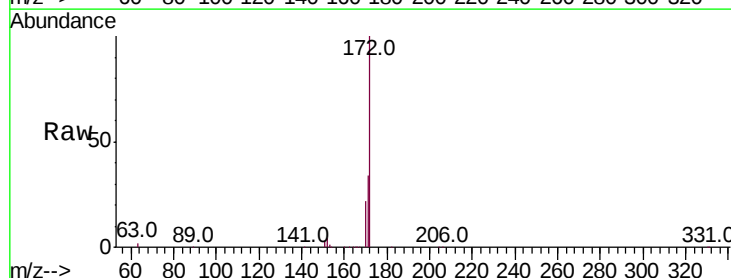


Abundance Ion 330.00 (329.70 to 330.70): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

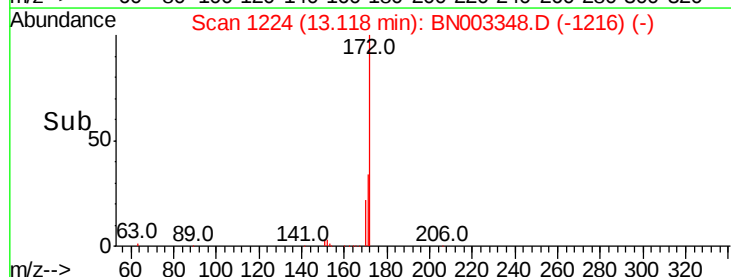
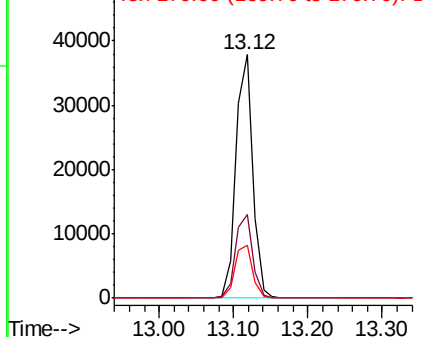


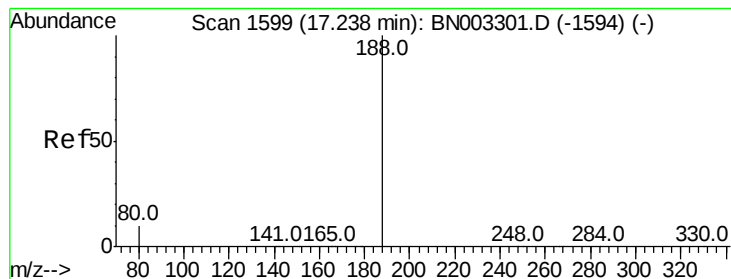
#15  
 2-Fluorobiphenyl  
 Concen: 0.307 ng  
 RT: 13.12 min Scan# 1224  
 Delta R.T. -0.01 min  
 Lab File: BN003348.D  
 Acq: 30 Oct 2018 00:48

Tgt Ion:172 Resp: 58985  
 Ion Ratio Lower Upper  
 172 100  
 171 34.2 27.1 40.7  
 170 22.0 17.4 26.0



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

Instrument :

BNA\_N

ClientSampleId :

FT-PZ458I-20181025

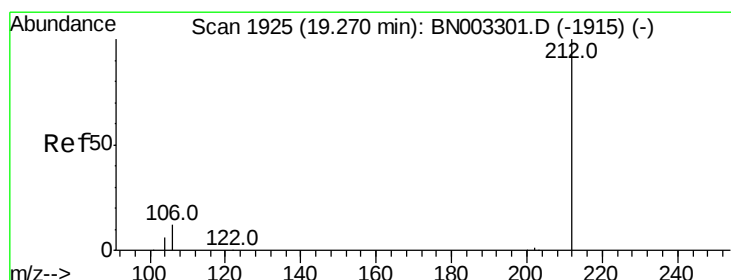
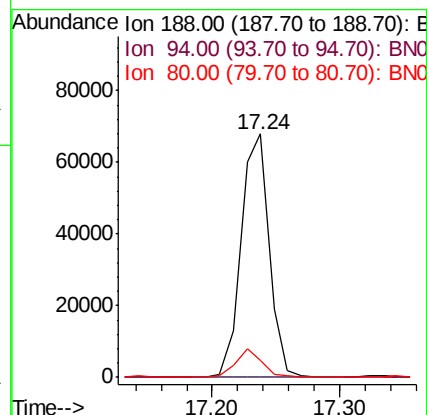
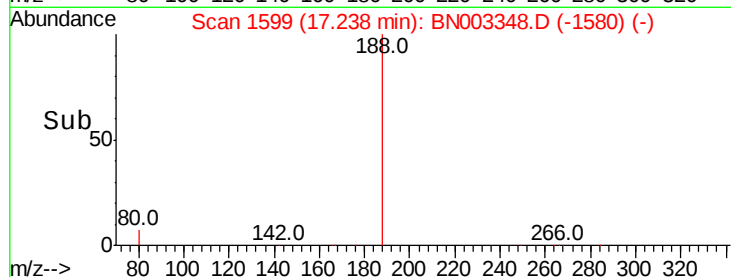
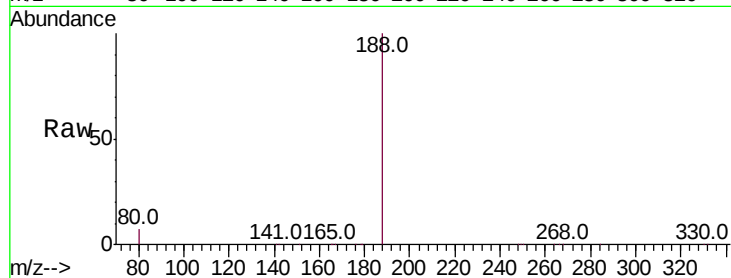
Tot Ion:188 Resp: 103615

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.9 8.6 12.8#



#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003348.D

Acq: 30 Oct 2018 00:48

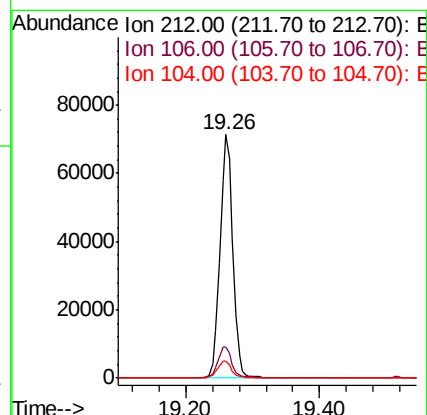
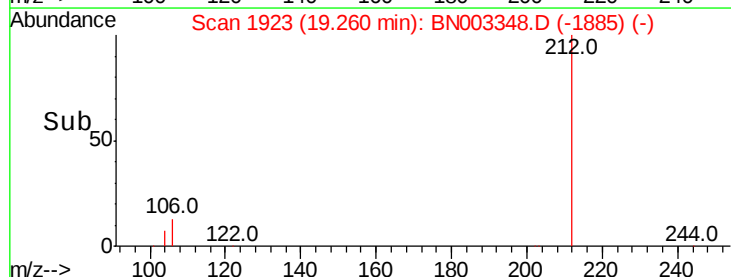
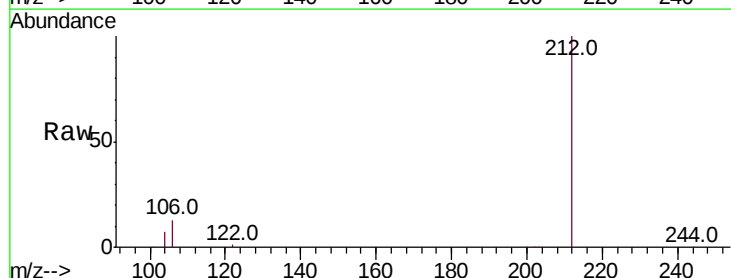
Tgt Ion:212 Resp: 94298

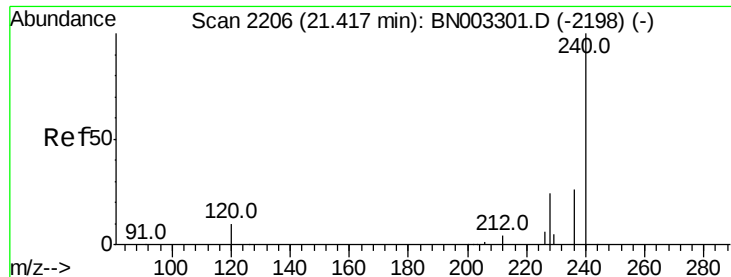
Ion Ratio Lower Upper

212 100

106 12.9 10.3 15.5

104 7.1 5.6 8.4

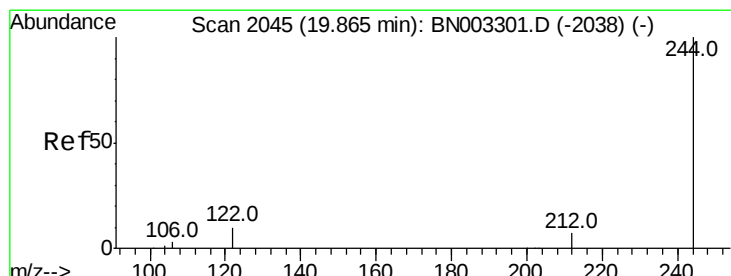
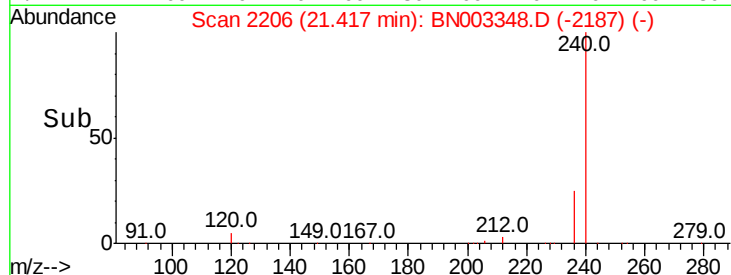
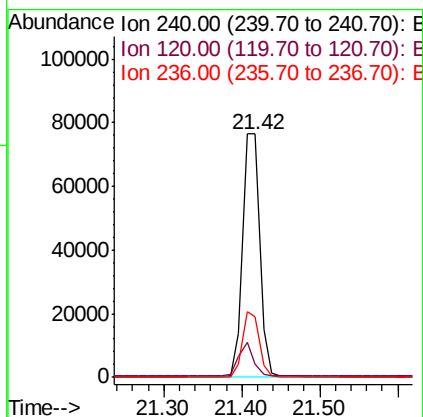
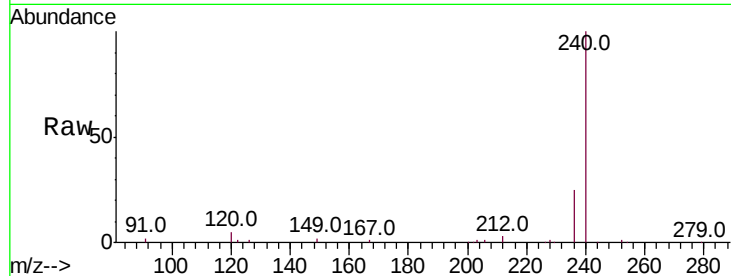




#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.42 min Scan# 2206  
Delta R.T. 0.00 min  
Lab File: BN003348.D  
Acq: 30 Oct 2018 00:48

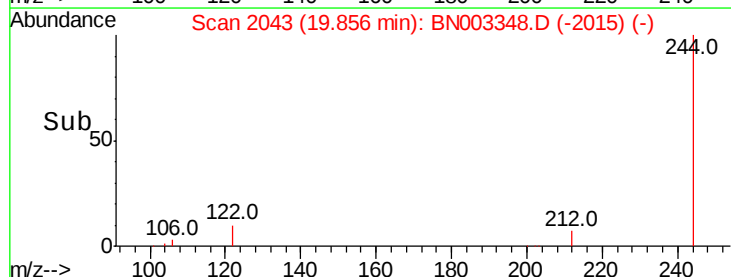
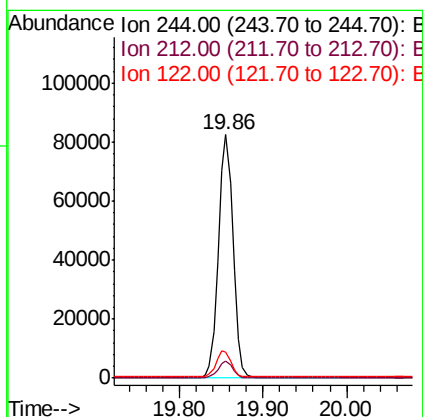
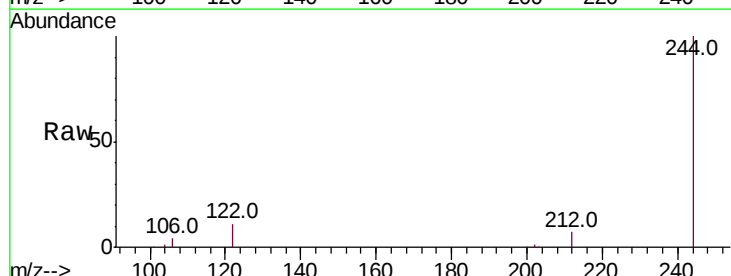
Instrument :  
BNA\_N  
ClientSampleId :  
FT-PZ458I-20181025

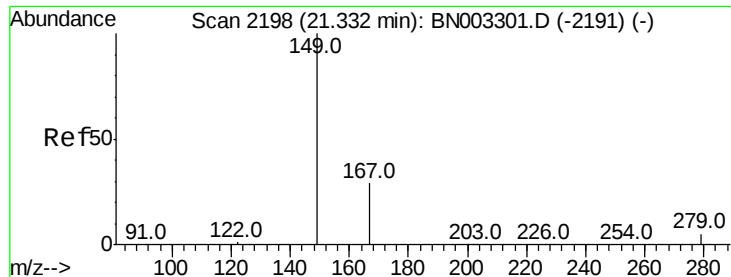
Tot Ion:240 Resp: 117415  
Ion Ratio Lower Upper  
240 100  
120 5.4 9.3 13.9#  
236 24.8 21.0 31.4



#29  
Terphenyl-d14  
Concen: 0.365 ng  
RT: 19.86 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BN003348.D  
Acq: 30 Oct 2018 00:48

Tgt Ion:244 Resp: 99553  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.6 8.4  
122 10.8 8.5 12.7

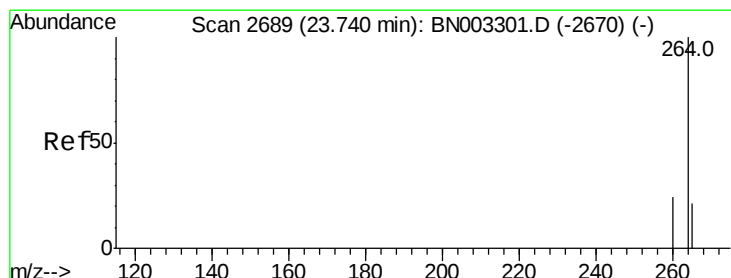
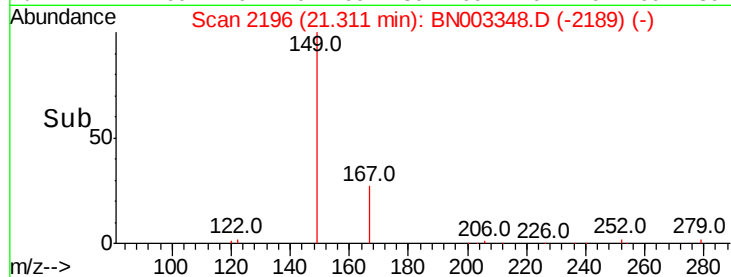
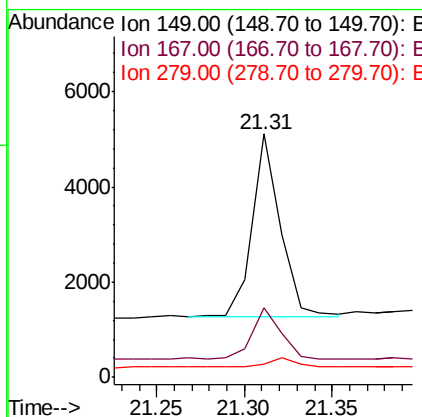
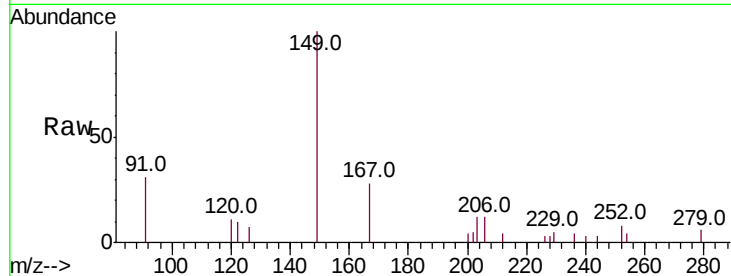




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.047 ng  
 RT: 21.31 min Scan# 2196  
 Delta R.T. -0.02 min  
 Lab File: BN003348.D  
 Acq: 30 Oct 2018 00:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FT-PZ458I-20181025

Tot Ion:149 Resp: 4298  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 22.4 33.6  
 279 5.4 3.9 5.9



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.73 min Scan# 2686  
 Delta R.T. -0.01 min  
 Lab File: BN003348.D  
 Acq: 30 Oct 2018 00:48

Tgt Ion:264 Resp: 107052  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.1 28.7  
 265 29.1 26.4 39.6

