

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\  
 Data File : BN003358.D  
 Acq On : 30 Oct 2018 14:24  
 Operator : MJ/SJ  
 Sample : PB114259BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 30 18:14:37 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

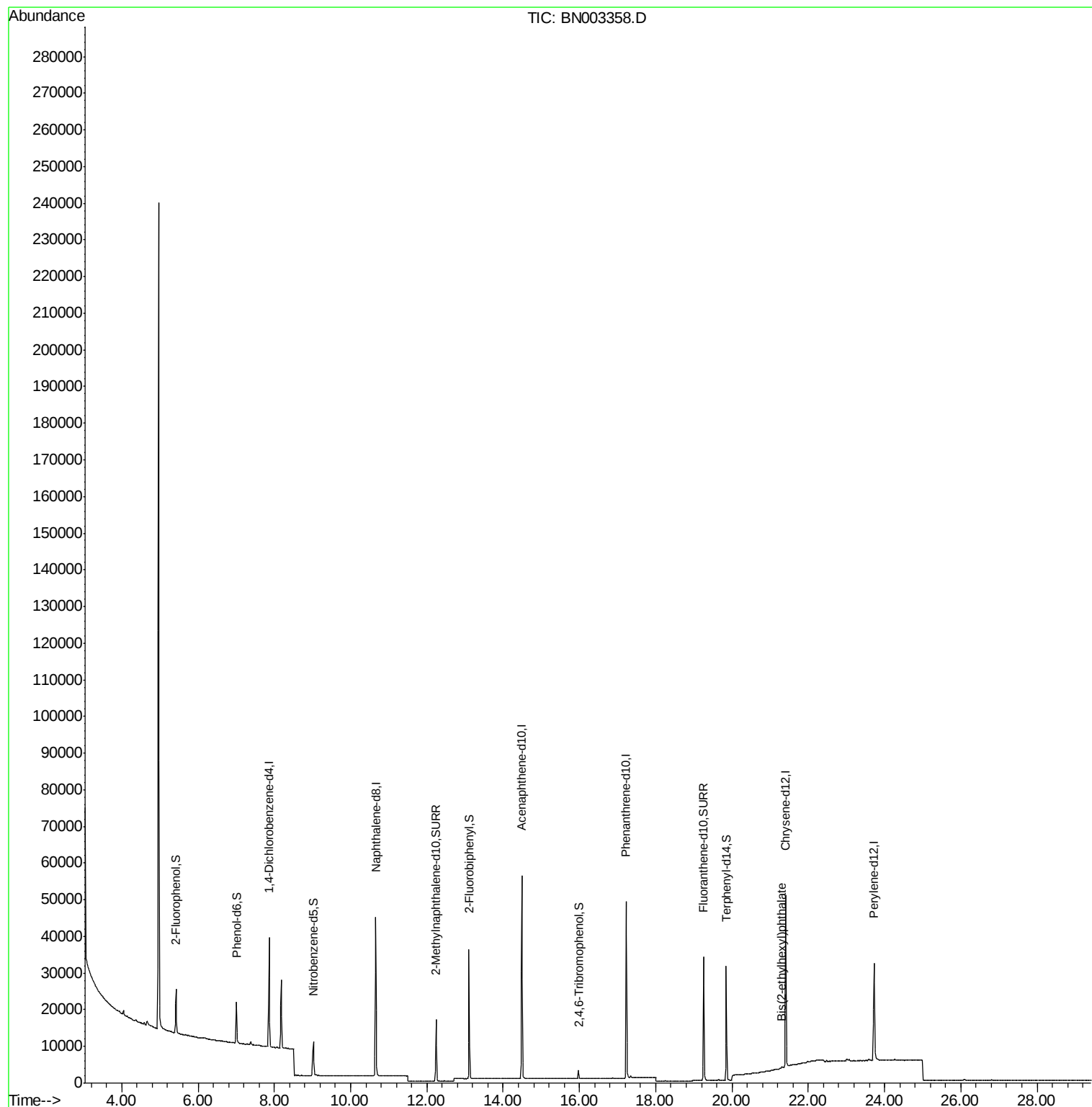
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.86  | 152  | 14681    | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.66 | 136  | 57610    | 0.40  | ng    | -0.01       |
| 13) Acenaphthene-d10           | 14.49 | 164  | 30459    | 0.40  | ng    | -0.01       |
| 19) Phenanthrene-d10           | 17.23 | 188  | 67584    | 0.40  | ng    | -0.01       |
| 27) Chrysene-d12               | 21.41 | 240  | 44738    | 0.40  | ng    | -0.01       |
| 34) Perylene-d12               | 23.73 | 264  | 38867    | 0.40  | ng    | -0.01       |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.42  | 112  | 9510     | 0.26  | ng    | 0.00        |
| 5) Phenol-d6                   | 7.01  | 99   | 11256    | 0.25  | ng    | 0.00        |
| 8) Nitrobenzene-d5             | 9.02  | 82   | 8018     | 0.32  | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10    | 12.24 | 152  | 22915    | 0.24  | ng    | -0.01       |
| 14) 2,4,6-Tribromophenol       | 15.98 | 330  | 1933     | 0.16  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl           | 13.12 | 172  | 34659    | 0.26  | ng    | -0.01       |
| 25) Fluoranthene-d10           | 19.26 | 212  | 39257    | 0.20  | ng    | -0.01       |
| 29) Terphenyl-d14              | 19.86 | 244  | 32666    | 0.31  | ng    | -0.01       |
| Target Compounds               |       |      |          |       |       |             |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149  | 851      | 0.025 | ng    | Qvalue # 83 |

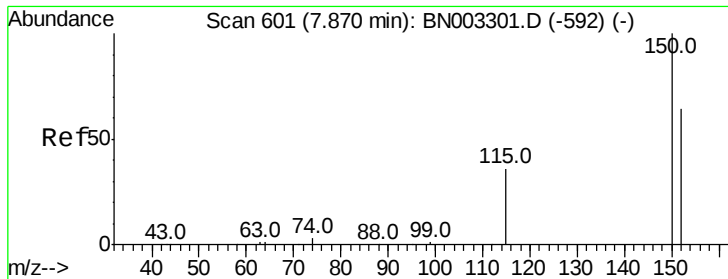
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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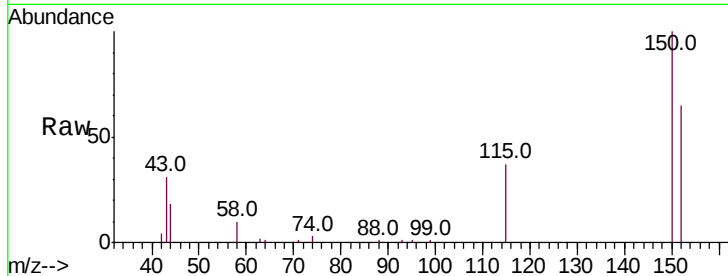


#1

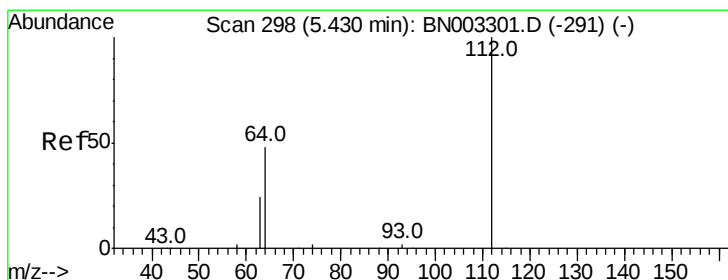
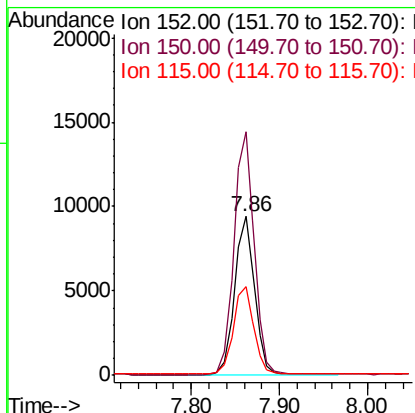
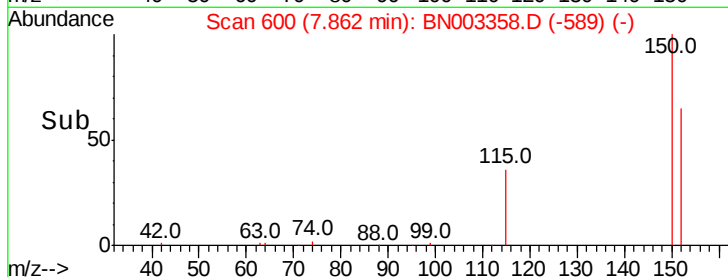
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.86 min Scan# 600  
Delta R.T. -0.01 min  
Lab File: BN003358.D  
Acq: 30 Oct 2018 14:24

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 14681  
Ion Ratio Lower Upper  
152 100  
150 153.5 124.6 187.0  
115 56.1 46.4 69.6



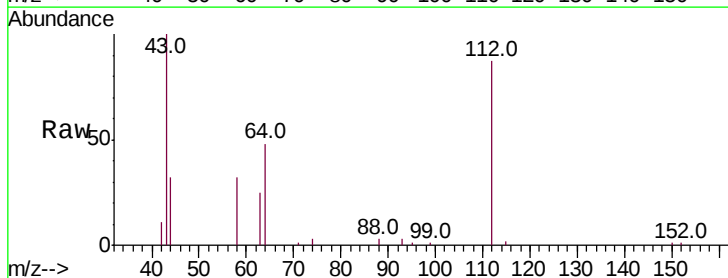
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



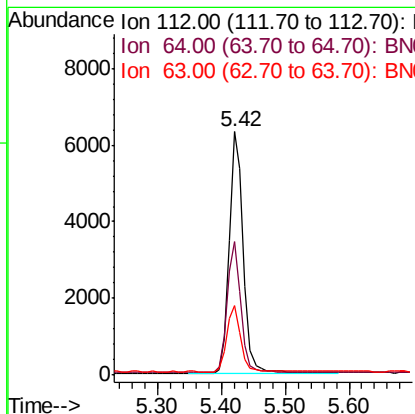
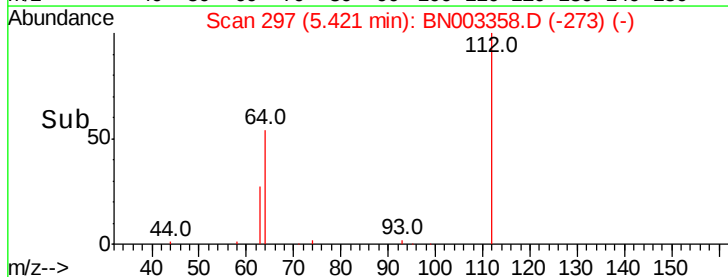
#4

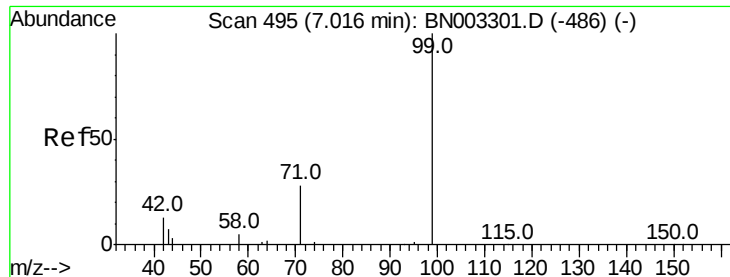
2-Fluorophenol  
Concen: 0.262 ng  
RT: 5.42 min Scan# 297  
Delta R.T. -0.01 min  
Lab File: BN003358.D  
Acq: 30 Oct 2018 14:24

Tgt Ion:112 Resp: 9510  
Ion Ratio Lower Upper  
112 100  
64 53.4 44.3 66.5  
63 26.8 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: 0.245 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA\_N

ClientSampleId :

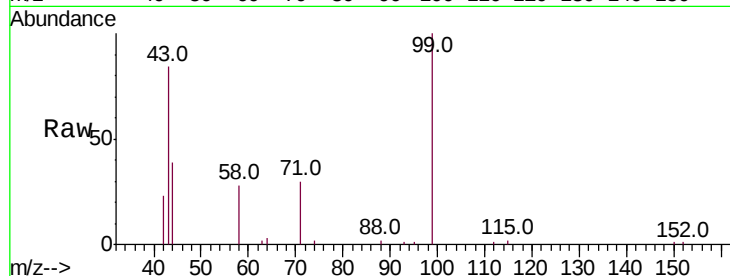
Tot Ion: 99 Resp: 11256

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

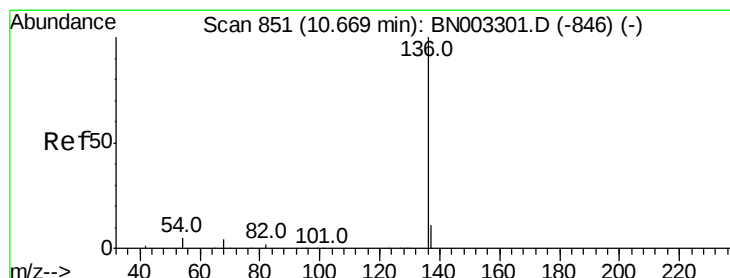
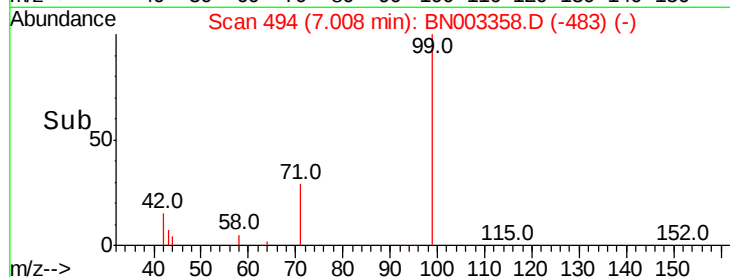
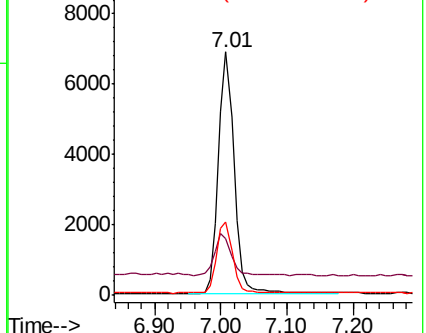
71 30.0 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003301.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN003301.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN003301.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Tgt Ion:136 Resp: 57610

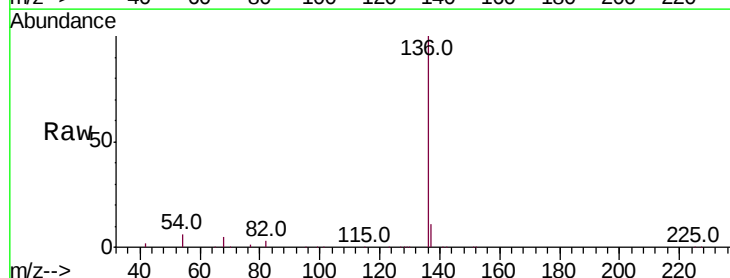
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.6 4.1 6.1

68 4.8 3.5 5.3

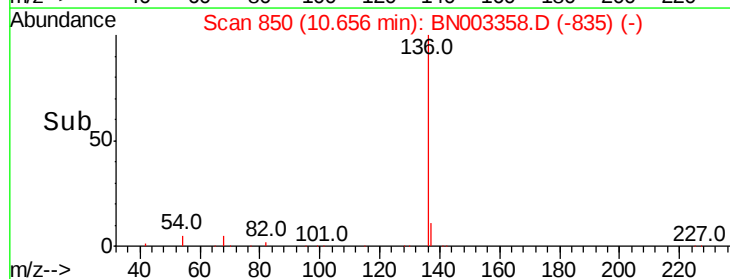
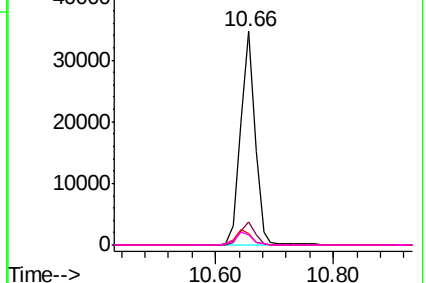


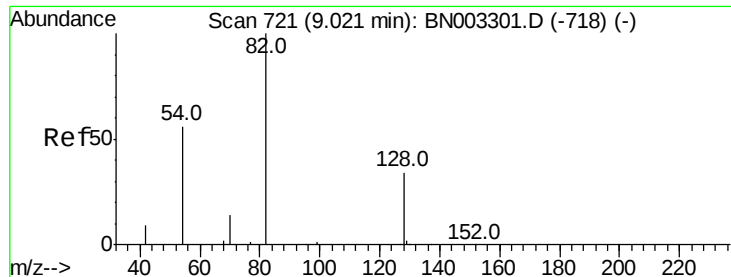
Abundance Ion 136.00 (135.70 to 136.70): BN003301.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN003301.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN003301.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN003301.D (-846) (-)





#8

Nitrobenzene-d5

Concen: 0.318 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA\_N

ClientSampleId :

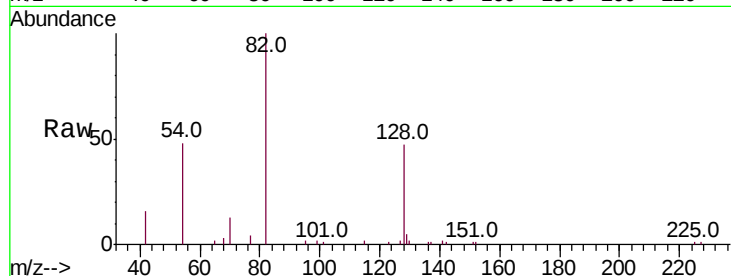
Tot Ion: 82 Resp: 8018

Ion Ratio Lower Upper

82 100

128 46.5 28.9 43.3#

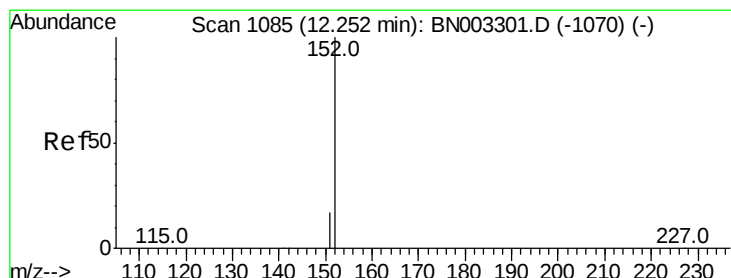
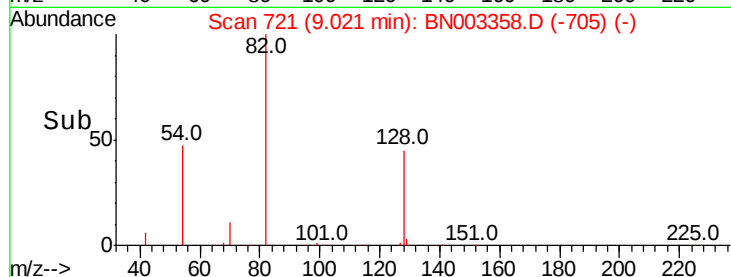
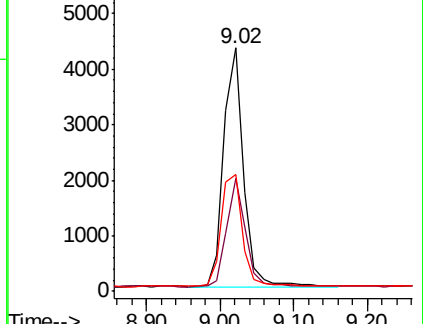
54 47.8 46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BN003301.D (-718) (-)

Ion 128.00 (127.70 to 128.70): BN003301.D (-718) (-)

Ion 54.00 (53.70 to 54.70): BN003301.D (-718) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.24 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BN003358.D

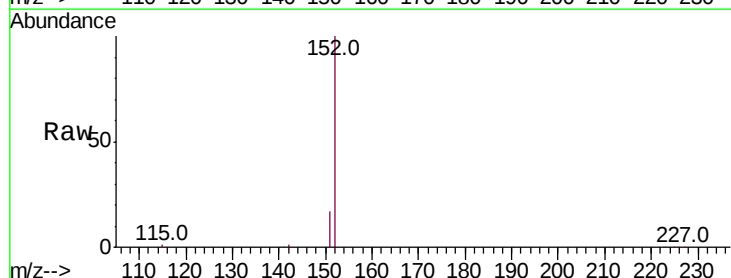
Acq: 30 Oct 2018 14:24

Tgt Ion: 152 Resp: 22915

Ion Ratio Lower Upper

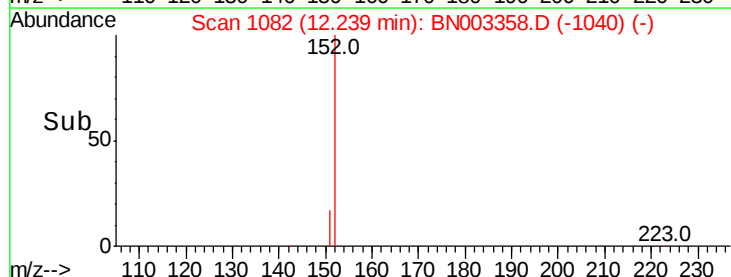
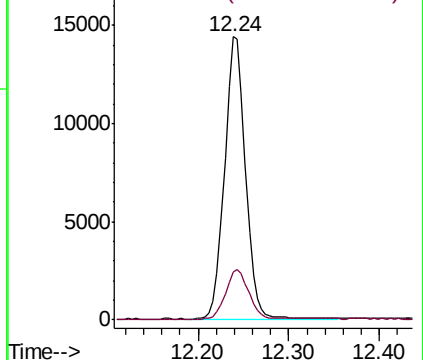
152 100

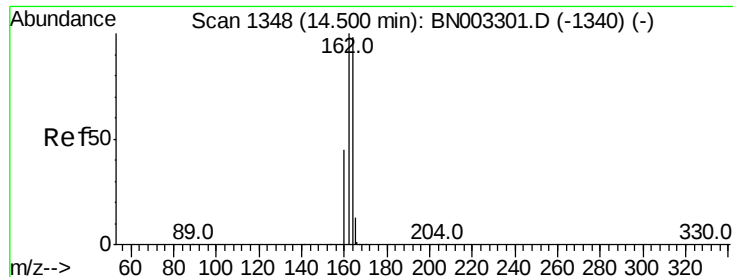
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BN003301.D (-1070) (-)

Ion 151.00 (150.70 to 151.70): BN003301.D (-1070) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA\_N

ClientSampled :

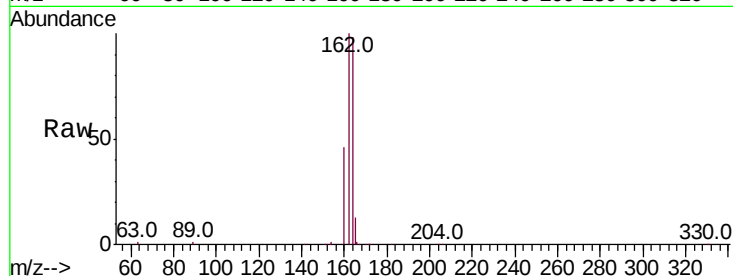
Tot Ion:164 Resp: 30459

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 47.1 37.2 55.8

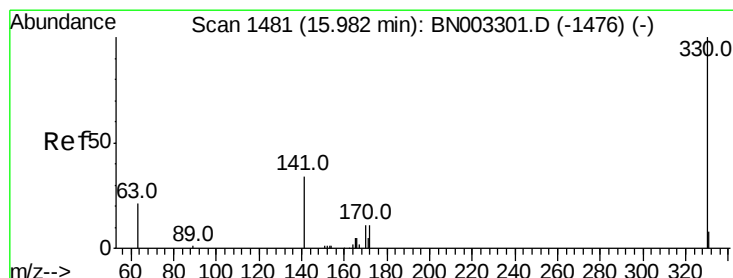
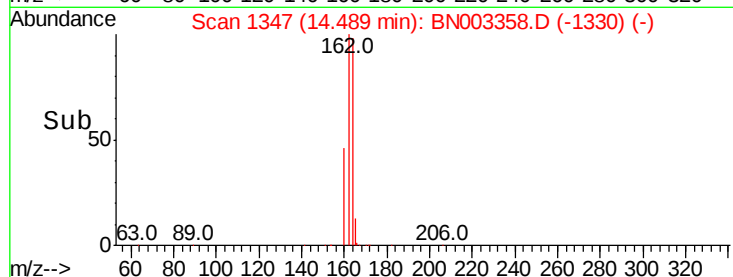
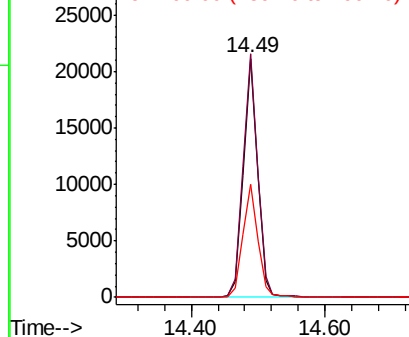


Abundance

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: 0.159 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

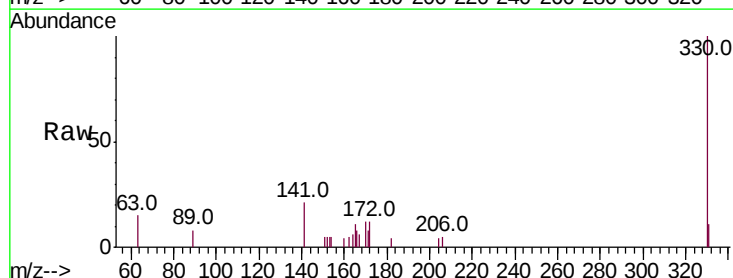
Tgt Ion:330 Resp: 1933

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.4 28.3 42.5

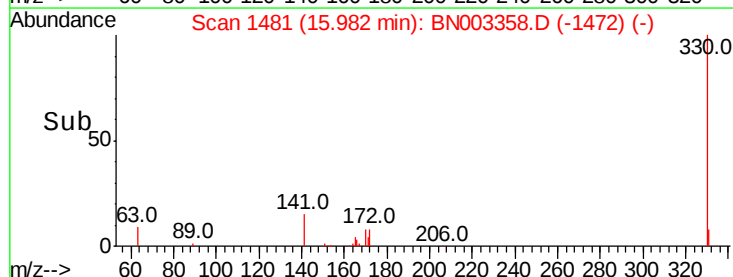
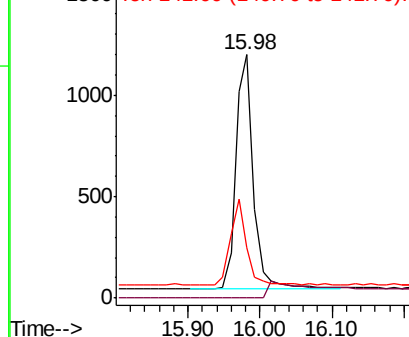


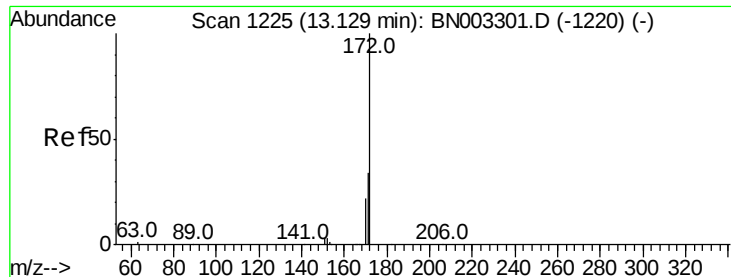
Abundance

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

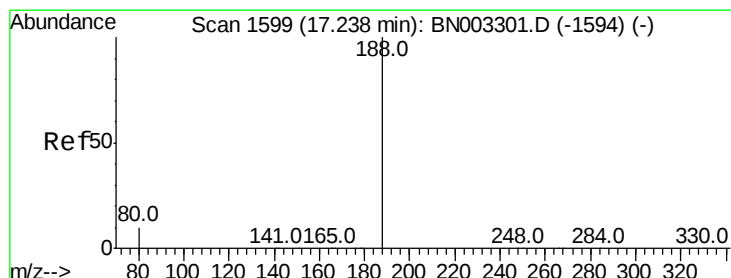
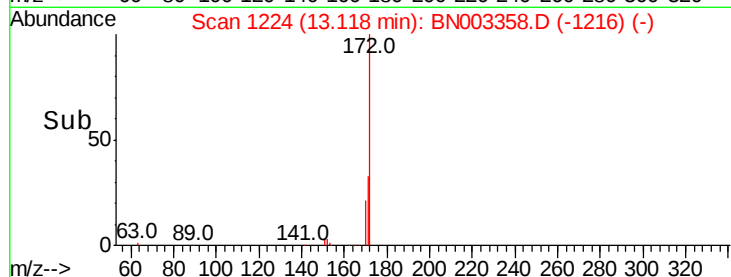
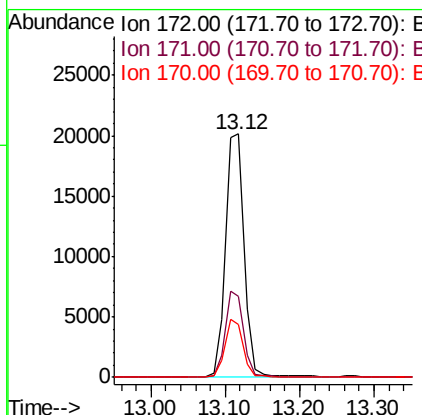
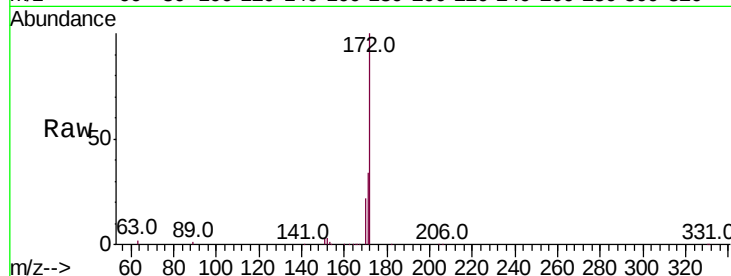




#15  
2-Fluorobiphenyl  
Concen: 0.264 ng  
RT: 13.12 min Scan# 1224  
Delta R.T. -0.01 min  
Lab File: BN003358.D  
Acq: 30 Oct 2018 14:24

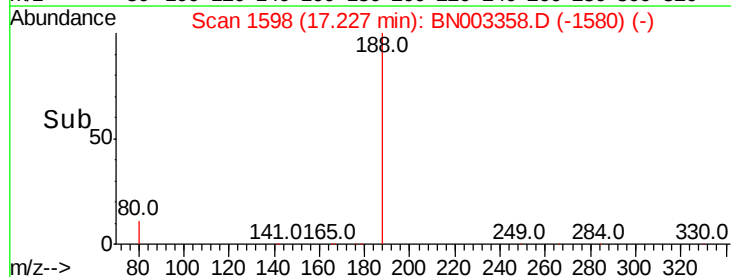
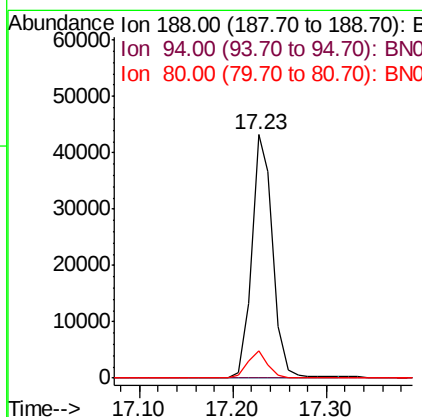
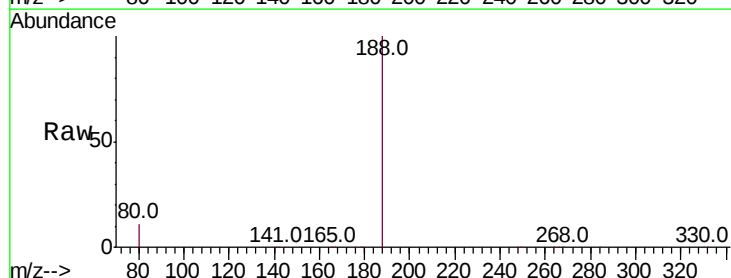
Instrument :  
BNA\_N  
ClientSampleId :

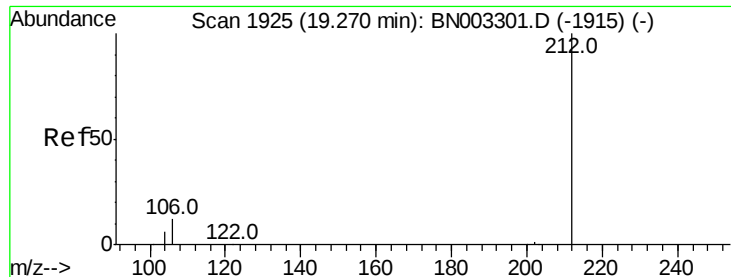
Tot Ion:172 Resp: 34659  
Ion Ratio Lower Upper  
172 100  
171 33.5 27.1 40.7  
170 21.7 17.4 26.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.23 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BN003358.D  
Acq: 30 Oct 2018 14:24

Tgt Ion:188 Resp: 67584  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.2 8.6 12.8





#25

Fluoranthene-d10

Concen: 0.200 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA\_N

ClientSampleId :

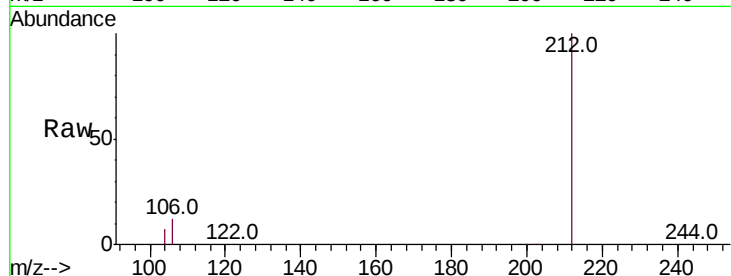
Tot Ion:212 Resp: 39257

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

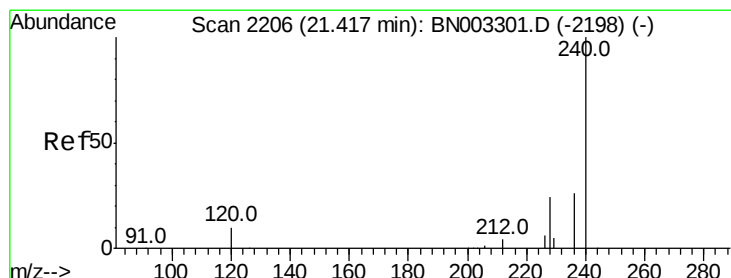
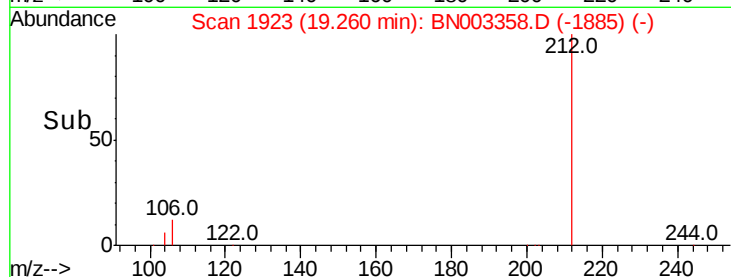
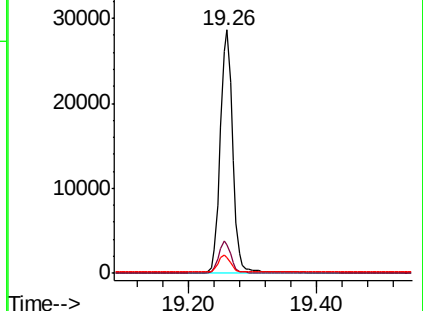
104 7.1 5.6 8.4



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: BN003358.D

Acq: 30 Oct 2018 14:24

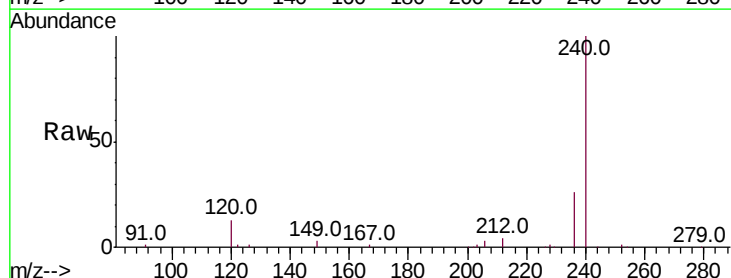
Tgt Ion:240 Resp: 44738

Ion Ratio Lower Upper

240 100

120 13.3 9.3 13.9

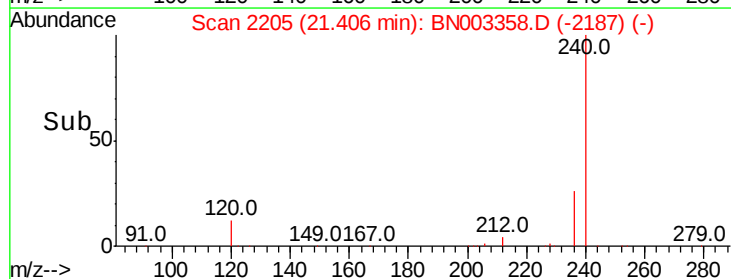
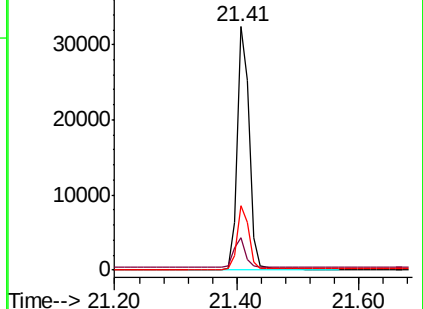
236 26.4 21.0 31.4

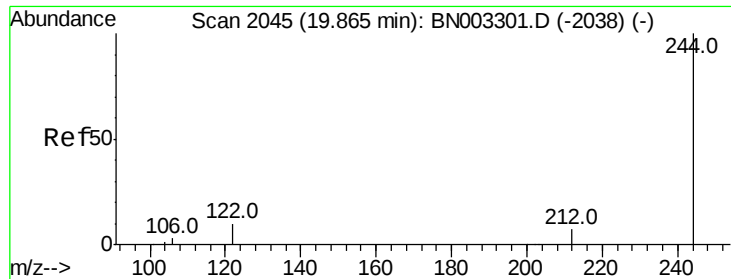


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.314 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA\_N

ClientSampleId :

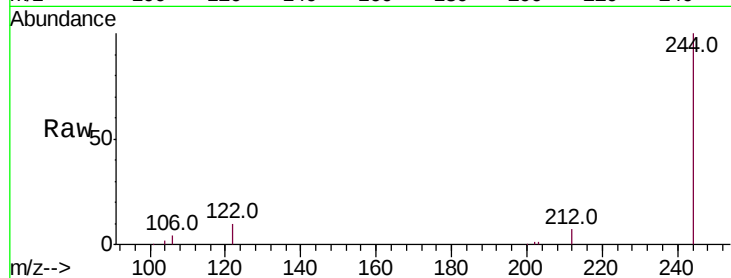
Tot Ion:244 Resp: 32666

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

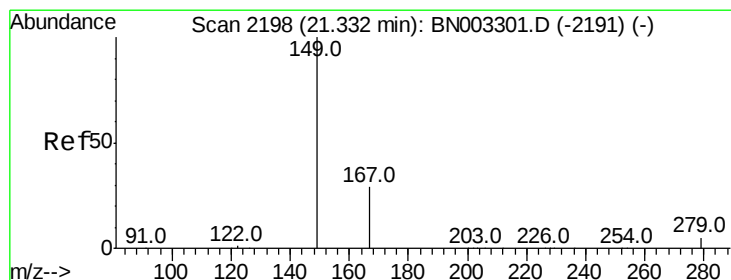
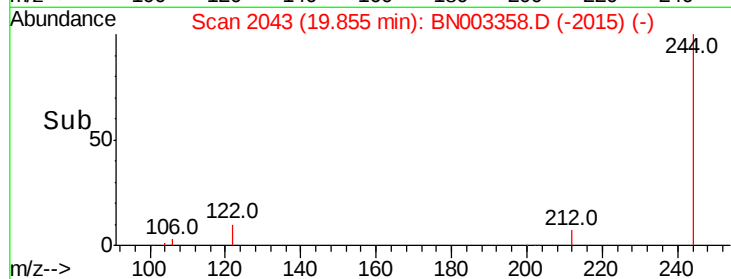
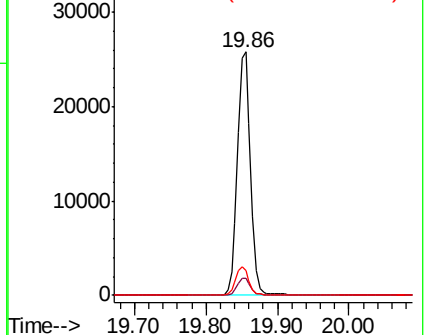
122 10.2 8.5 12.7



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: 0.025 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

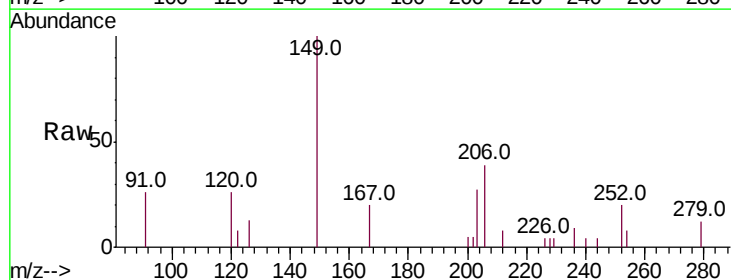
Tgt Ion:149 Resp: 851

Ion Ratio Lower Upper

149 100

167 18.1 22.4 33.6#

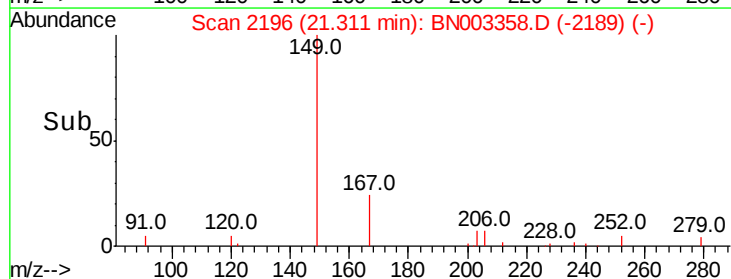
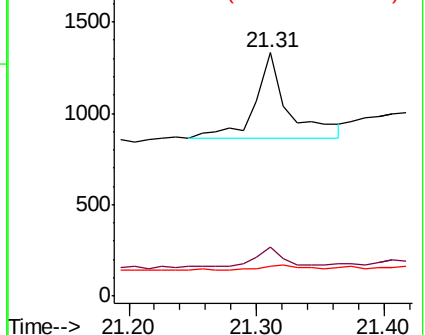
279 6.1 3.9 5.9#

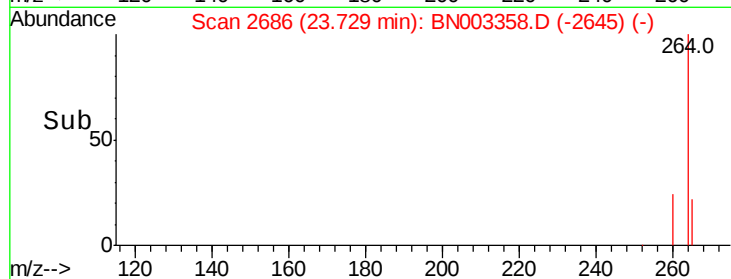
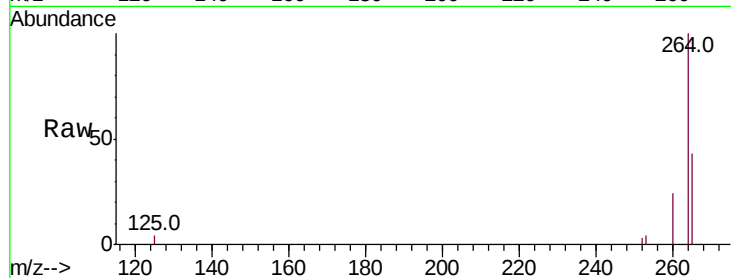
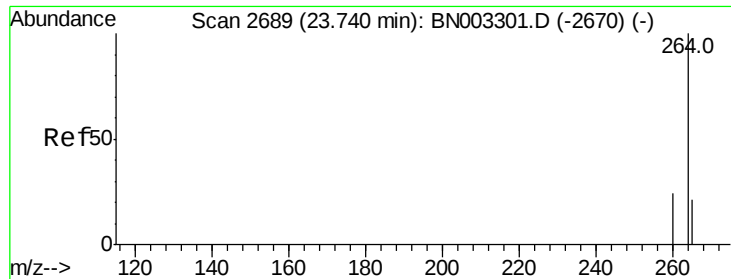


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003358.D

Acq: 30 Oct 2018 14:24

Instrument :

BNA\_N

ClientSampleId :

Tot Ion:264 Resp: 38867

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 43.2 26.4 39.6

