

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\  
 Data File : BN011627.D  
 Acq On : 25 Aug 2020 22:38  
 Operator : CG/JU  
 Sample : PB131113BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB131113BL

Quant Time: Aug 26 02:31:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 25 03:31:11 2020  
 Response via : Initial Calibration

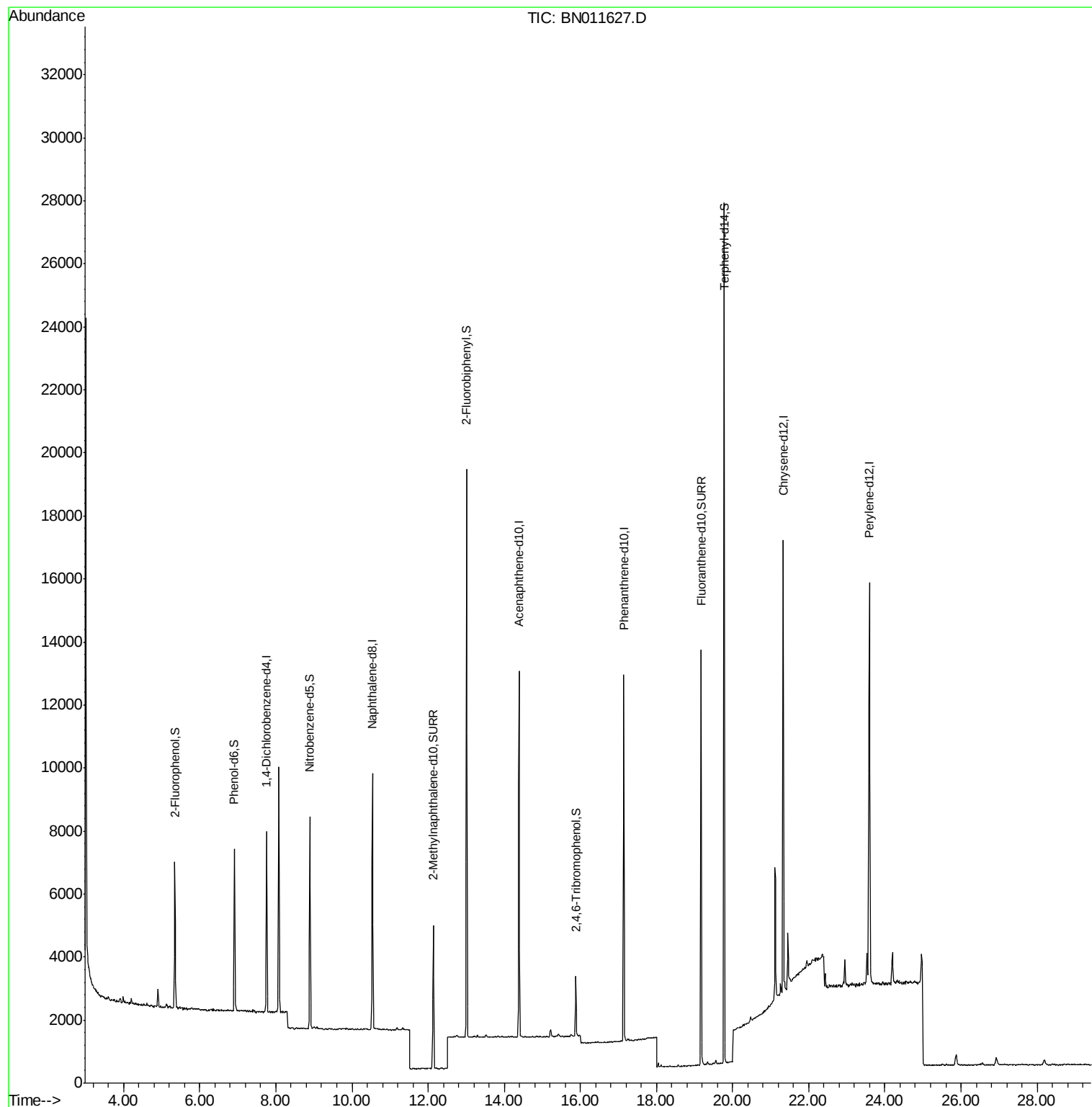
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units    | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|----------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.76  | 152  | 2648     | 0.40      | ng       | 0.00     |
| 7) Naphthalene-d8              | 10.54 | 136  | 10495    | 0.40      | ng       | 0.00     |
| 13) Acenaphthene-d10           | 14.39 | 164  | 6731     | 0.40      | ng       | 0.00     |
| 19) Phenanthrene-d10           | 17.14 | 188  | 15357    | 0.40      | ng       | 0.00     |
| 29) Chrysene-d12               | 21.33 | 240  | 14680    | 0.40      | ng       | 0.00     |
| 36) Perylene-d12               | 23.59 | 264  | 16430    | 0.40      | ng       | 0.00     |
| System Monitoring Compounds    |       |      |          |           |          |          |
| 4) 2-Fluorophenol              | 5.35  | 112  | 3410     | 0.40      | ng       | 0.00     |
| 5) Phenol-d6                   | 6.92  | 99   | 4568     | 0.38      | ng       | 0.00     |
| 8) Nitrobenzene-d5             | 8.89  | 82   | 5199     | 0.57      | ng       | -0.01    |
| 11) 2-Methylnaphthalene-d10    | 12.14 | 152  | 5963     | 0.30      | ng       | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.88 | 330  | 1442     | 0.39      | ng       | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.01 | 172  | 14597    | 0.56      | ng       | -0.01    |
| 27) Fluoranthene-d10           | 19.17 | 212  | 15006    | 0.30      | ng       | 0.00     |
| 31) Terphenyl-d14              | 19.78 | 244  | 26383    | 0.70      | ng       | 0.00     |
| Target Compounds               |       |      |          |           |          |          |
| 34) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 265      | Below Cal | Qvalue # | 84       |

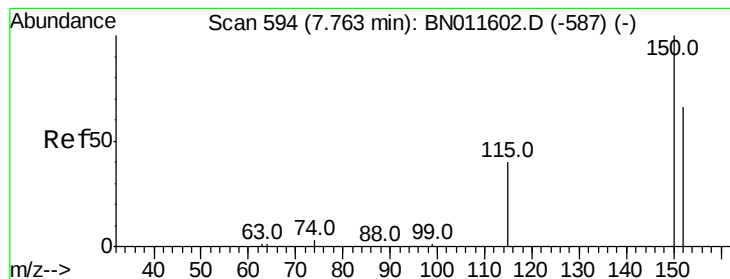
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

PB131113BL

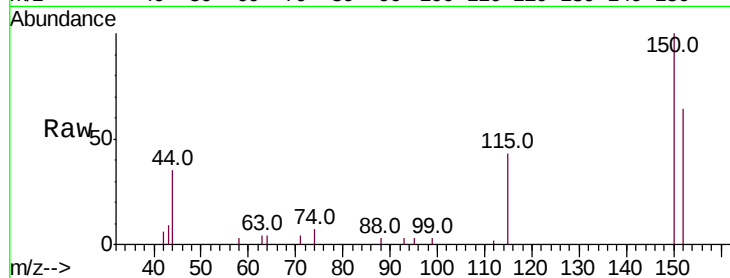
Tot Ion:152 Resp: 2648

Ion Ratio Lower Upper

152 100

150 156.3 112.4 168.6

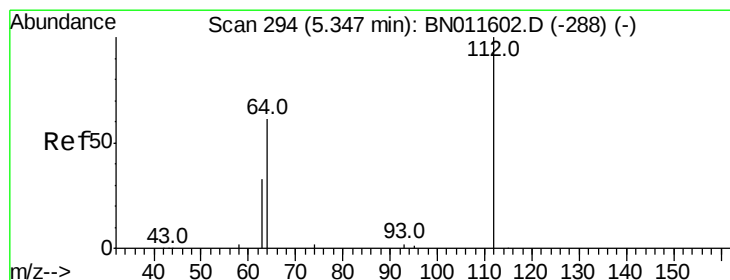
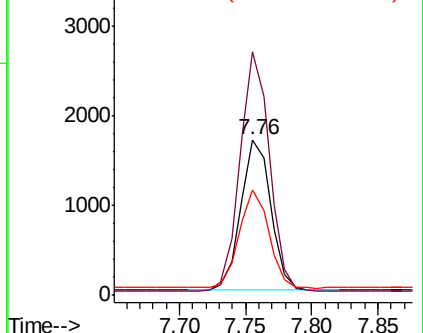
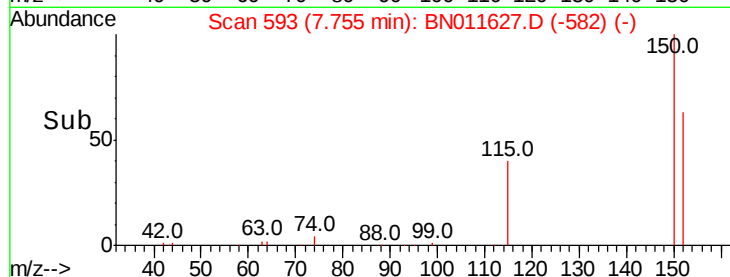
115 67.3 56.9 85.3



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: 0.403 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

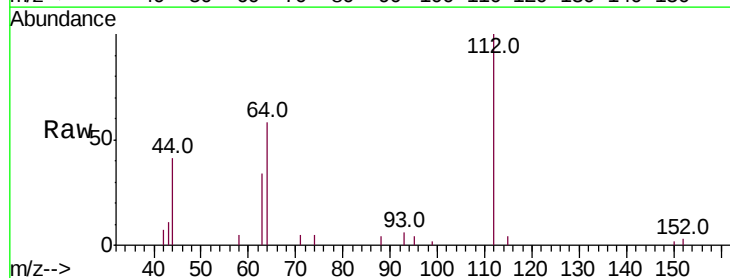
Tgt Ion:112 Resp: 3410

Ion Ratio Lower Upper

112 100

64 61.9 49.6 74.4

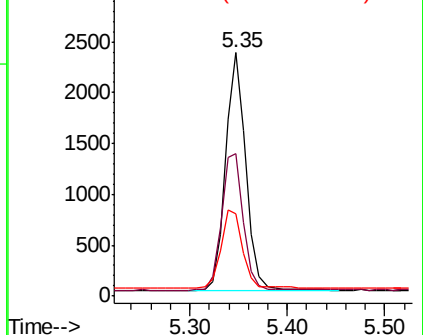
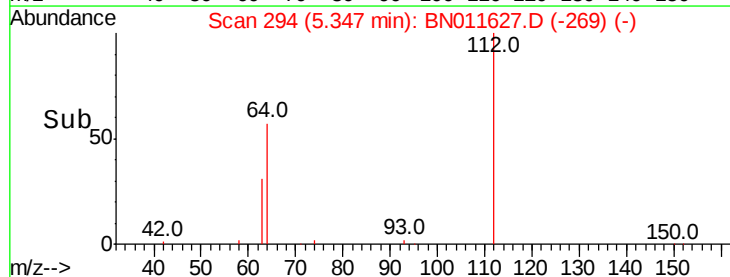
63 35.7 26.4 39.6

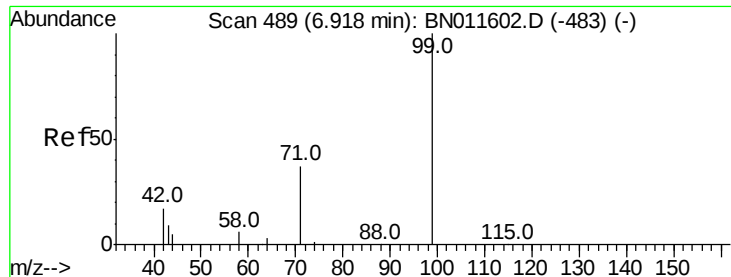


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.382 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

PB131113BL

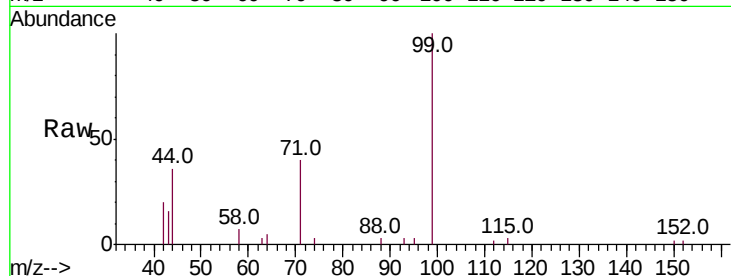
Tot Ion: 99 Resp: 4568

Ion Ratio Lower Upper

99 100

42 23.4 0.0 0.0#

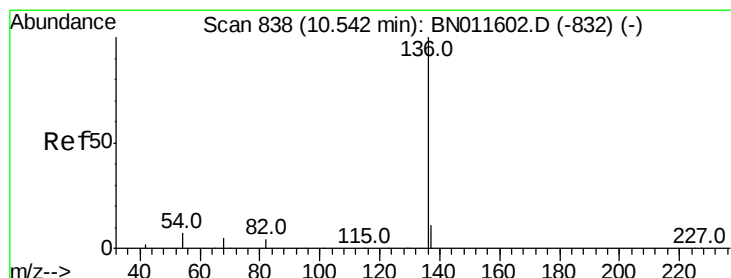
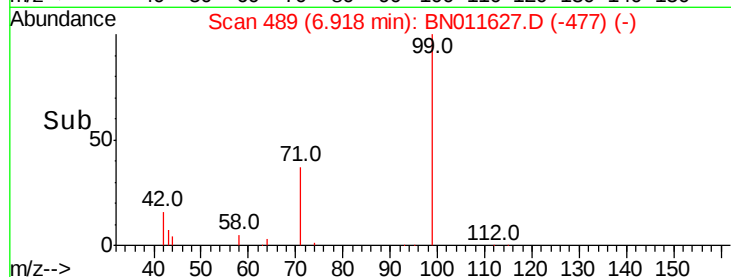
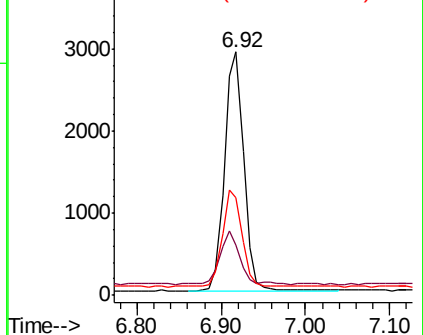
71 41.1 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Tgt Ion: 136 Resp: 10495

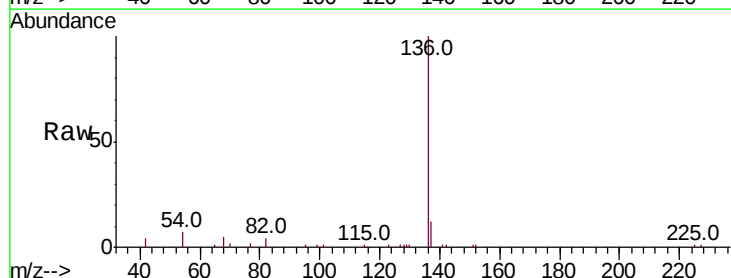
Ion Ratio Lower Upper

136 100

137 11.9 11.5 17.3

54 6.6 11.9 17.9#

68 5.0 12.3 18.5#

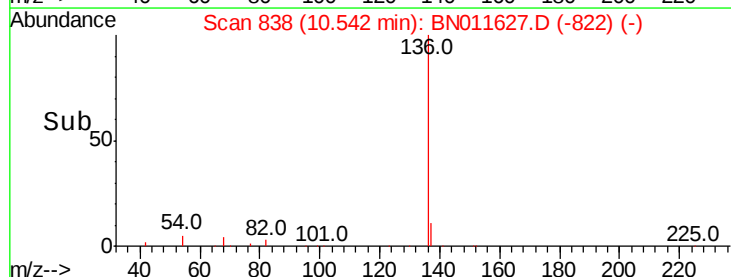
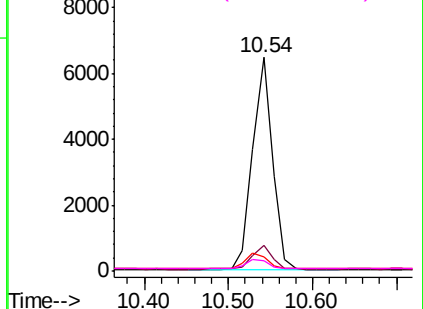


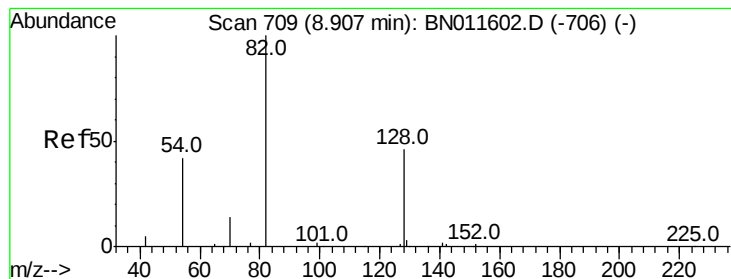
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.572 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

PB131113BL

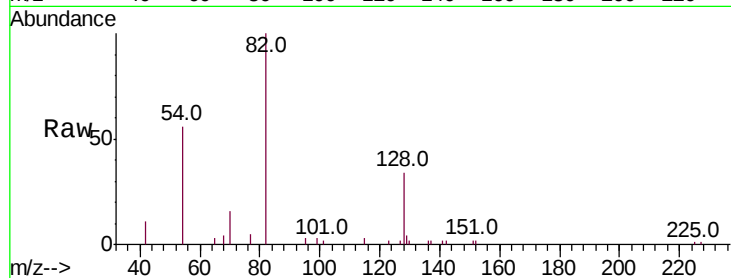
Tot Ion: 82 Resp: 5199

Ion Ratio Lower Upper

82 100

128 34.3 31.1 46.7

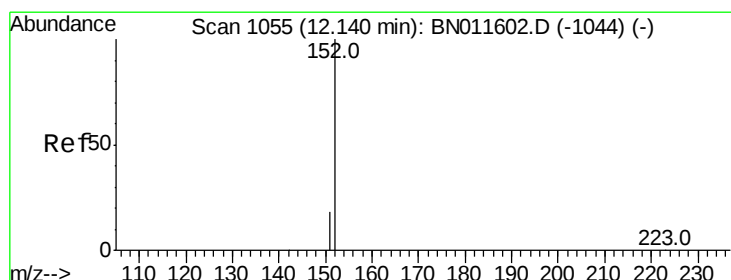
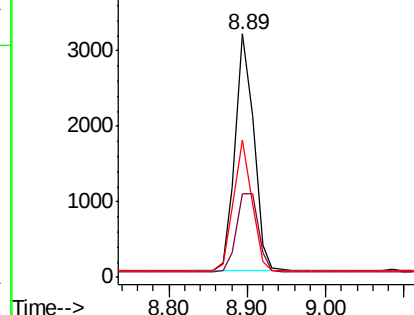
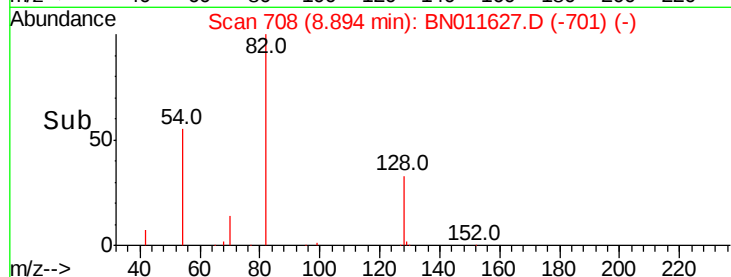
54 56.4 37.1 55.7#



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: 0.300 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011627.D

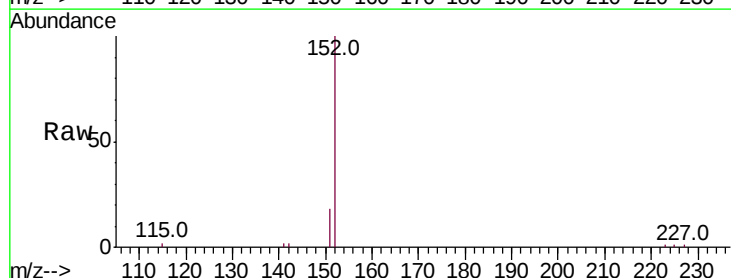
Acq: 25 Aug 2020 22:38

Tgt Ion: 152 Resp: 5963

Ion Ratio Lower Upper

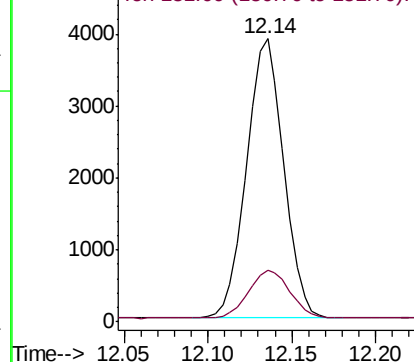
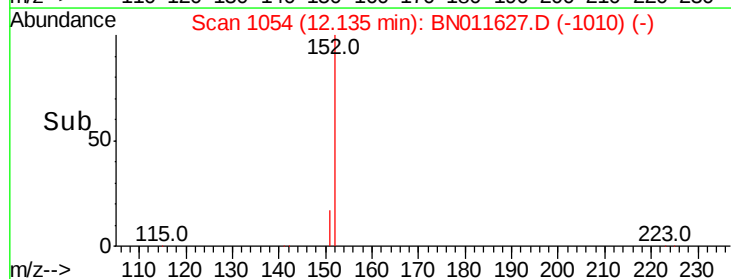
152 100

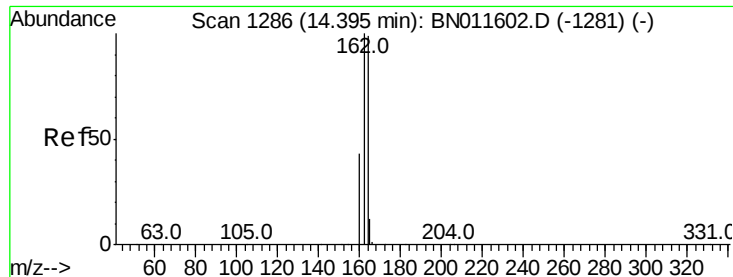
151 19.2 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

PB131113BL

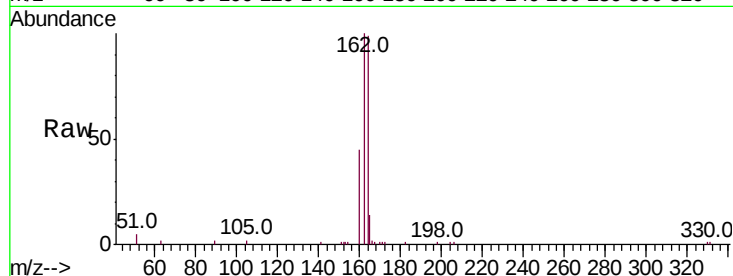
Tot Ion:164 Resp: 6731

Ion Ratio Lower Upper

164 100

162 100.5 80.8 121.2

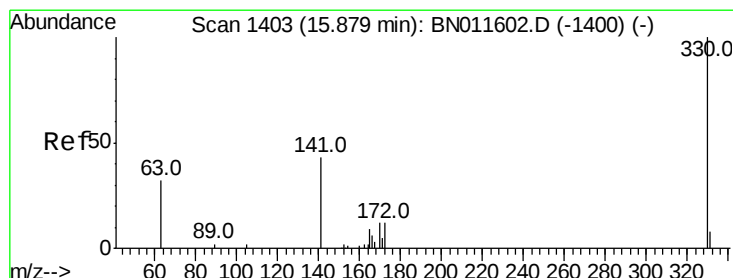
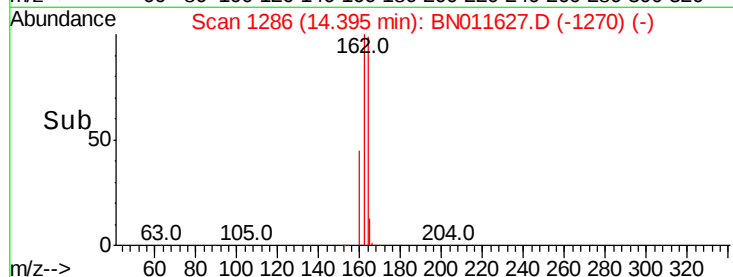
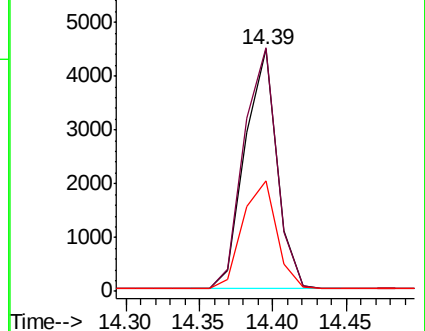
160 45.7 35.6 53.4



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: 0.390 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

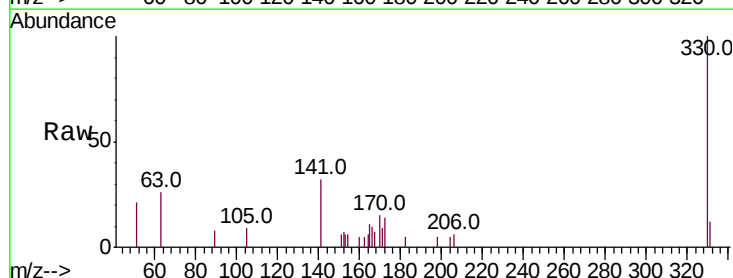
Tgt Ion:330 Resp: 1442

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

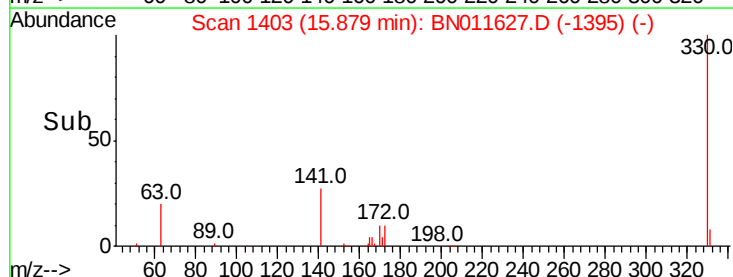
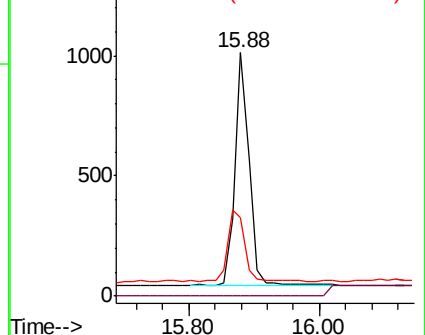
141 36.8 29.4 44.2

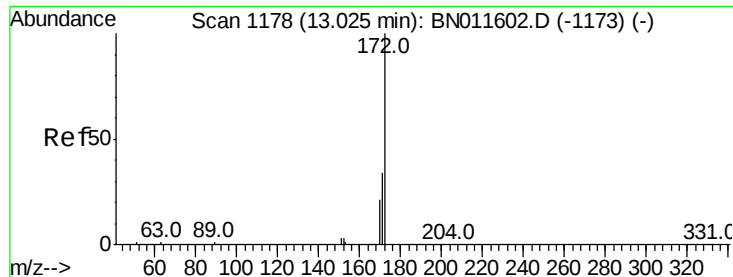


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

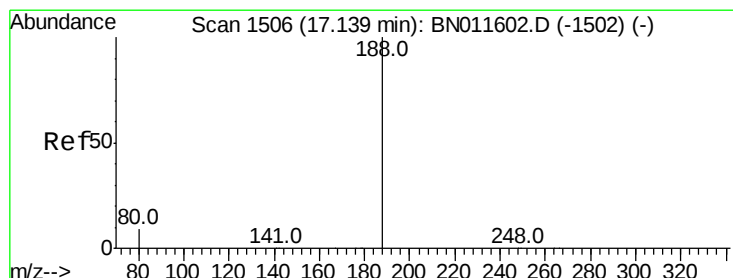
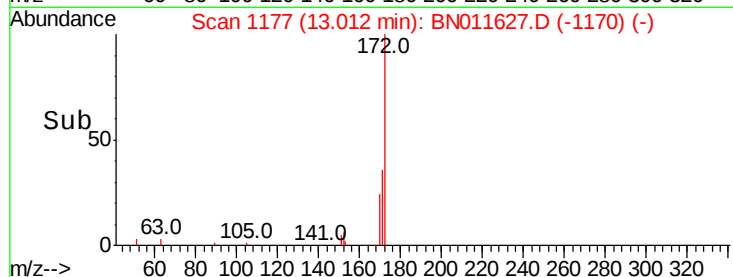
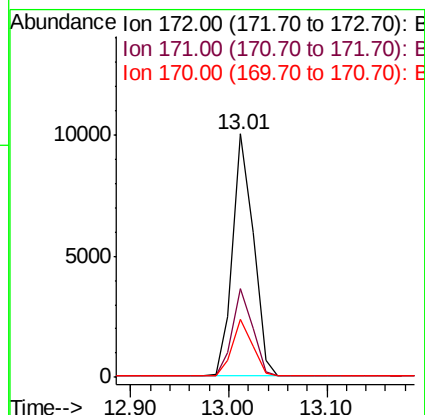
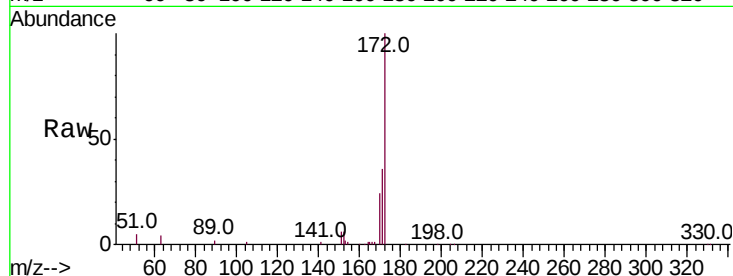




#15  
2-Fluorobiphenyl  
Concen: 0.557 ng  
RT: 13.01 min Scan# 1177  
Delta R.T. -0.01 min  
Lab File: BN011627.D  
Acq: 25 Aug 2020 22:38

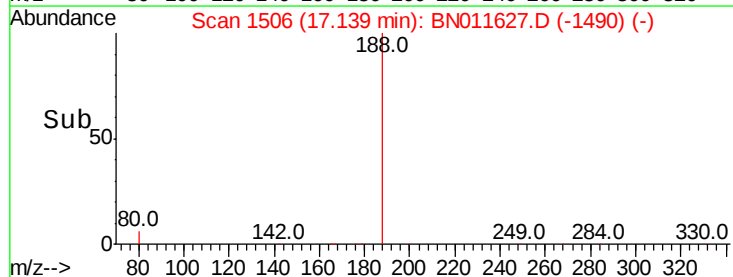
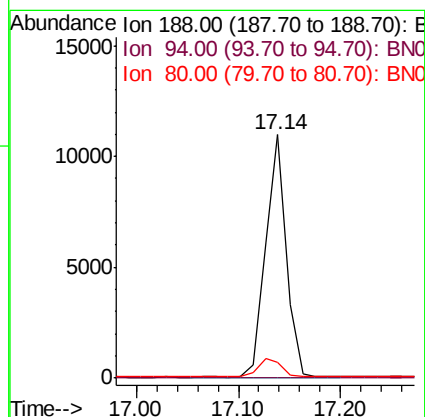
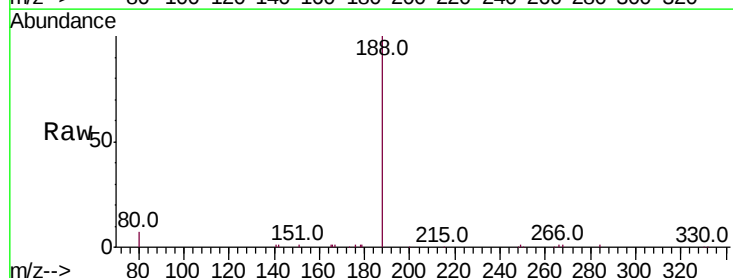
Instrument :  
BNA\_N  
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PB131113BL

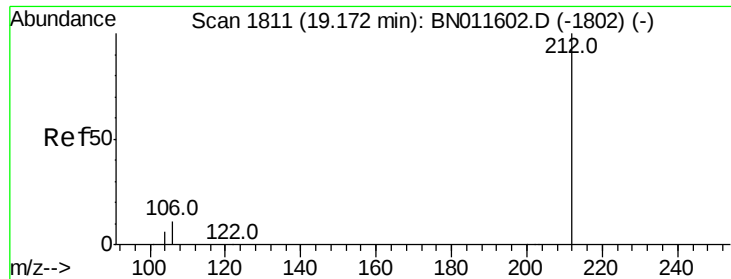
Tot Ion:172 Resp: 14597  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.6 42.8  
170 24.0 18.2 27.2



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.14 min Scan# 1506  
Delta R.T. -0.00 min  
Lab File: BN011627.D  
Acq: 25 Aug 2020 22:38

Tgt Ion:188 Resp: 15357  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.5 9.2 13.8#





#27

Fluoranthene-d10

Concen: 0.300 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

PB131113BL

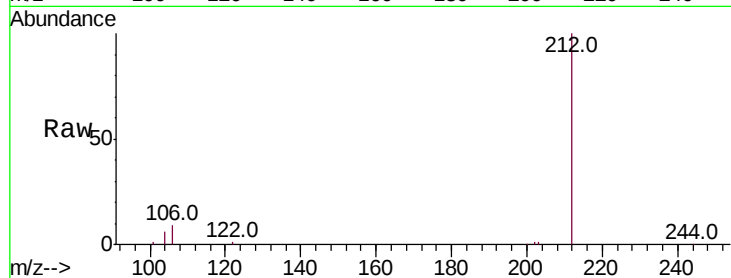
Tot Ion:212 Resp: 15006

Ion Ratio Lower Upper

212 100

106 9.6 8.9 13.3

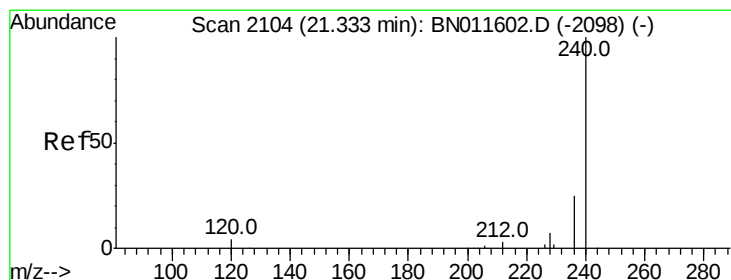
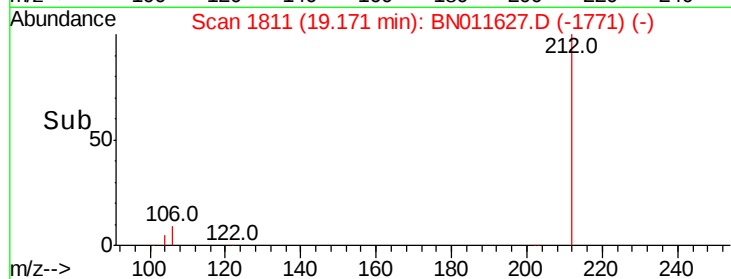
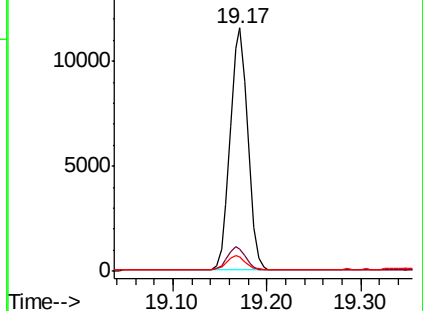
104 5.8 5.3 7.9



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

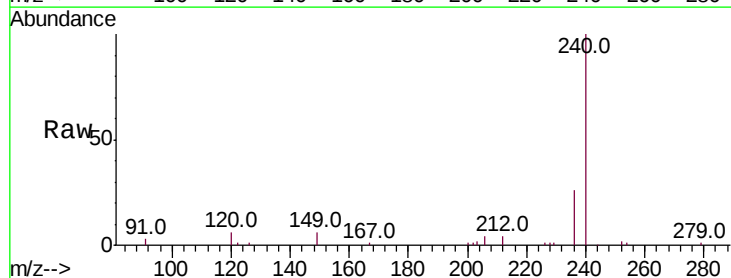
Tgt Ion:240 Resp: 14680

Ion Ratio Lower Upper

240 100

120 5.6 6.0 9.0#

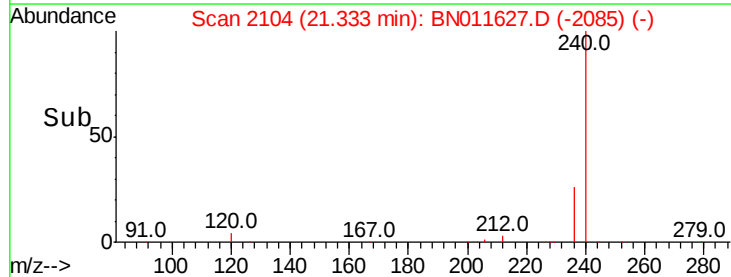
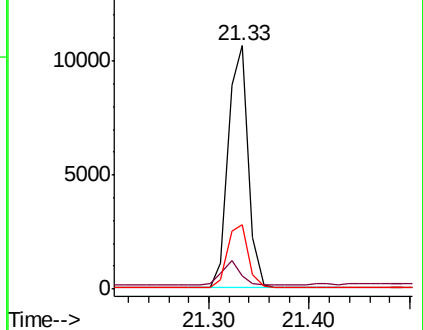
236 26.5 20.8 31.2

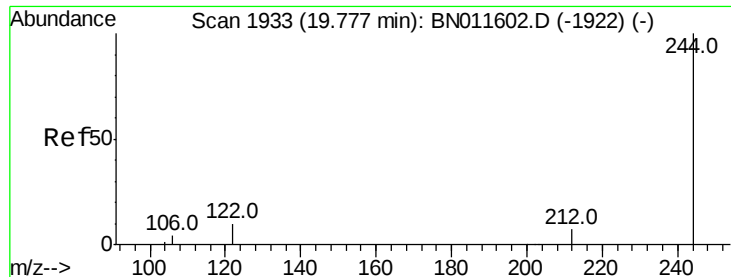


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.703 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

PB131113BL

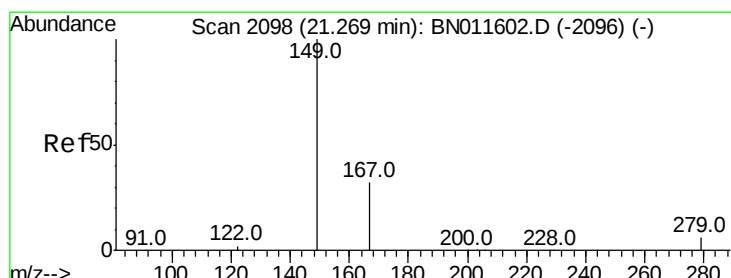
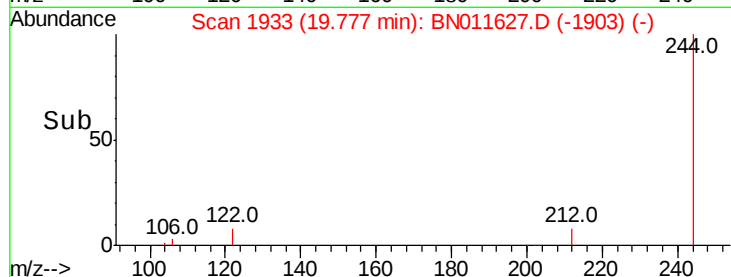
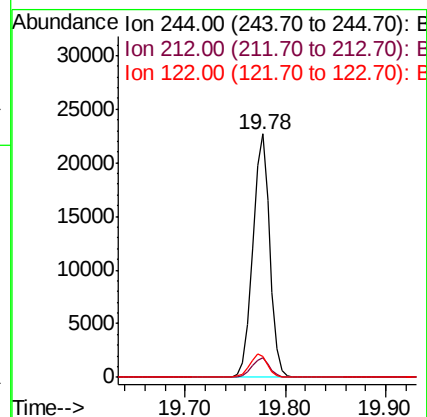
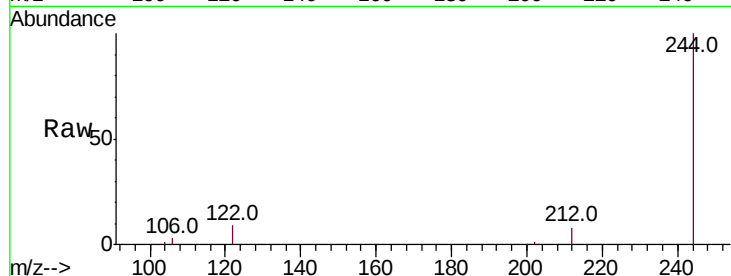
Tot Ion:244 Resp: 26383

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 8.7 9.5 14.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

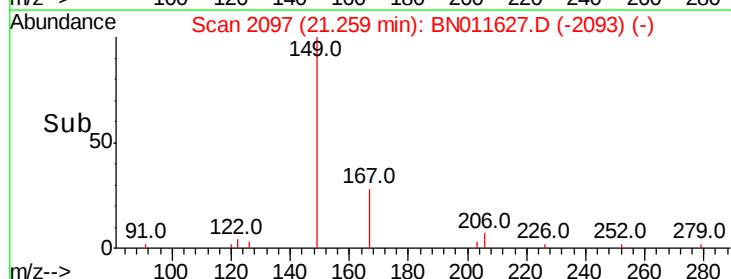
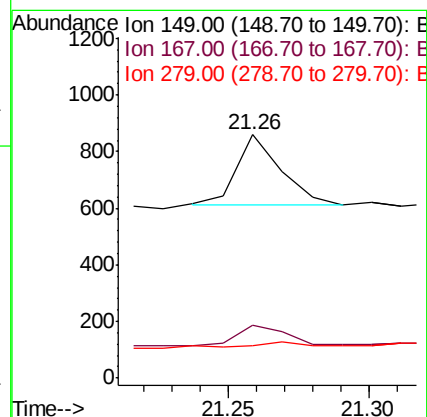
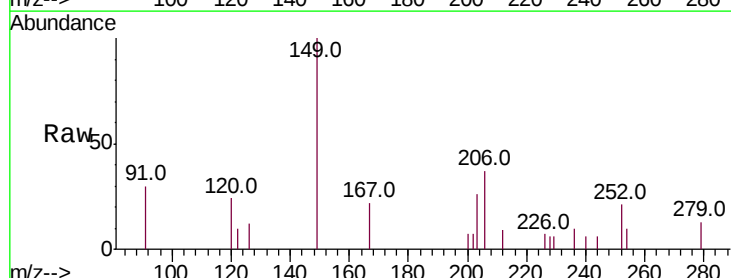
Tgt Ion:149 Resp: 265

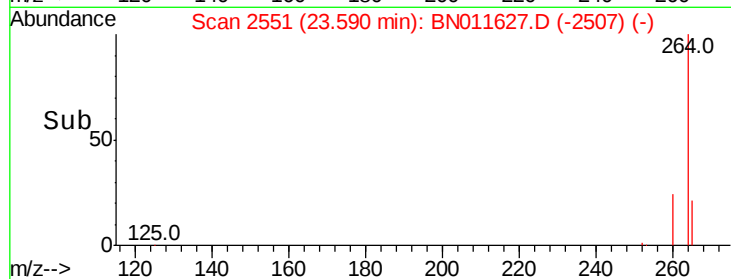
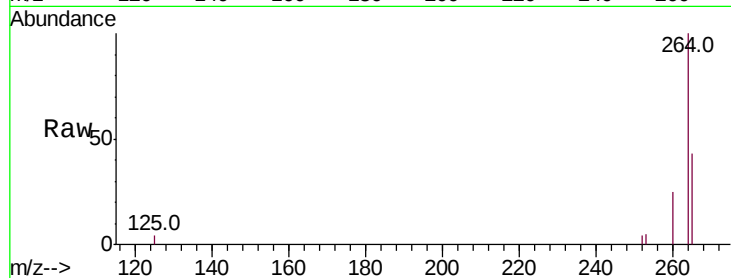
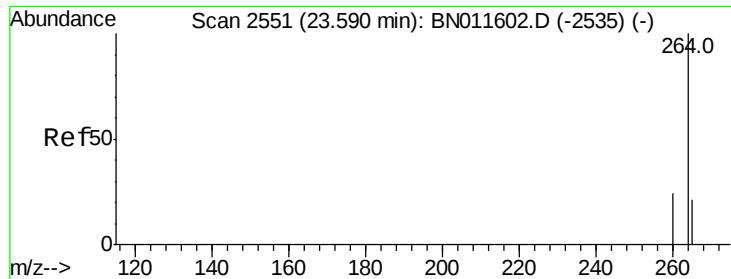
Ion Ratio Lower Upper

149 100

167 34.7 20.6 31.0#

279 8.3 3.8 5.8#





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BN011627.D

Acq: 25 Aug 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

PB131113BL

Tot Ion:264 Resp: 16430

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 43.2 40.7 61.1

