

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\  
 Data File : BE100853.D  
 Acq On : 11 Dec 2019 19:22  
 Operator : JU  
 Sample : K6185-19  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EB01-20191205

Quant Time: Dec 12 04:43:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 04 17:18:11 2019  
 Response via : Initial Calibration

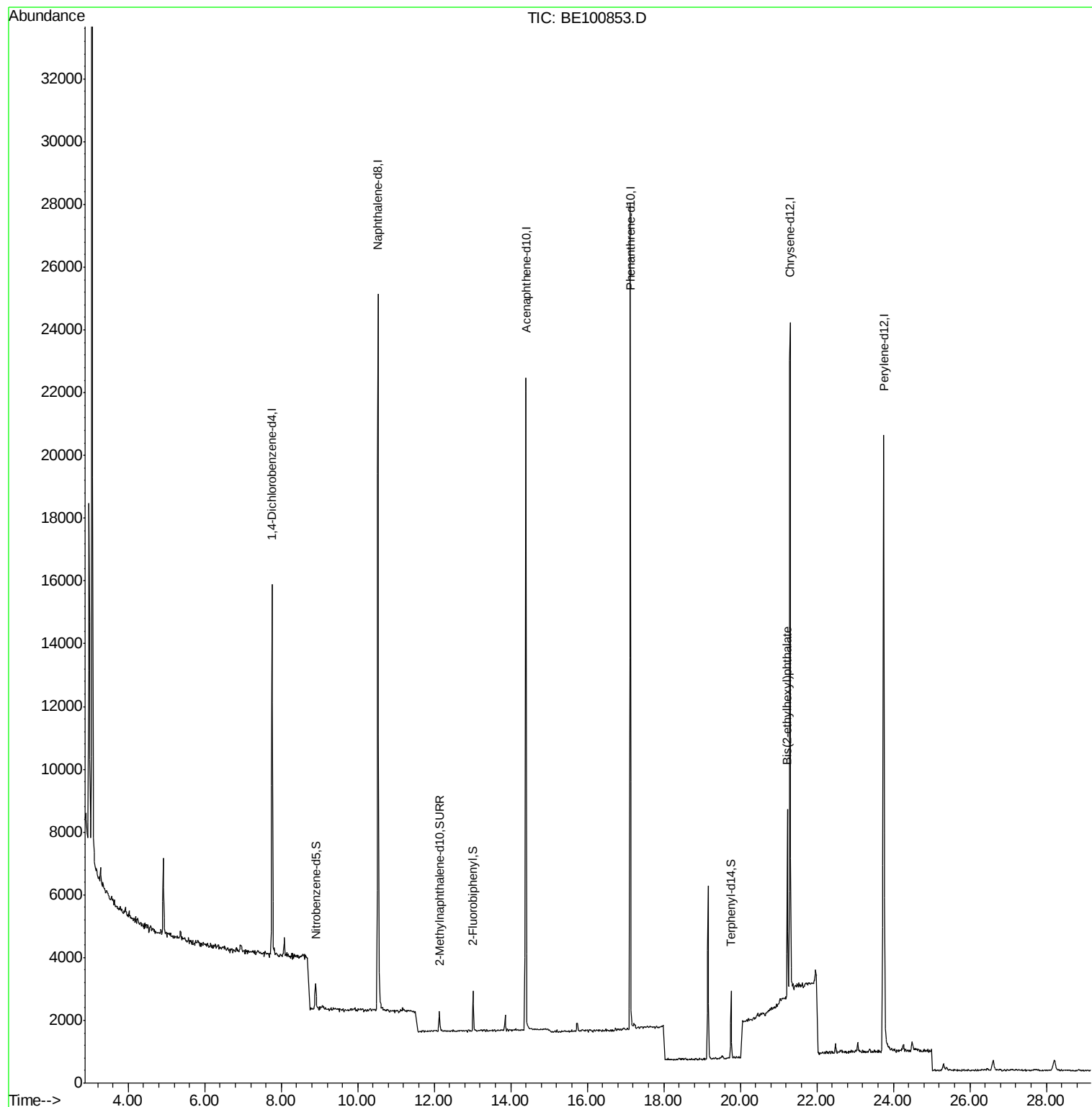
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.76  | 152  | 5408     | 0.40  | ng    | -0.01    |
| 7) Naphthalene-d8              | 10.54 | 136  | 26128    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.40 | 164  | 14800    | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.12 | 188  | 33962    | 0.40  | ng    | -0.01    |
| 27) Chrysene-d12               | 21.31 | 240  | 25201    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.74 | 264  | 30039    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.37  | 112  | 134      | 0.01  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.93  | 99   | 142      | 0.01  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.90  | 82   | 380      | 0.03  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.14 | 152  | 909      | 0.02  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.86 | 330  | 22       | 0.01  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 13.02 | 172  | 1285     | 0.02  | ng    | -0.01    |
| 25) Fluoranthene-d10           | 19.16 | 212  | 7611     | 0.02  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.76 | 244  | 1796     | 0.03  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 6973     | 0.086 | ng    | # 98     |

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 04 17:18:11 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

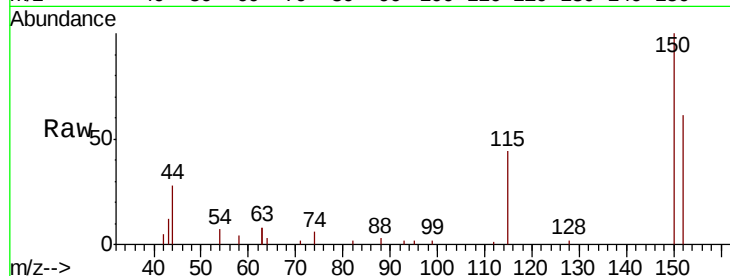
Tot Ion:152 Resp: 5408

Ion Ratio Lower Upper

152 100

150 164.2 120.6 181.0

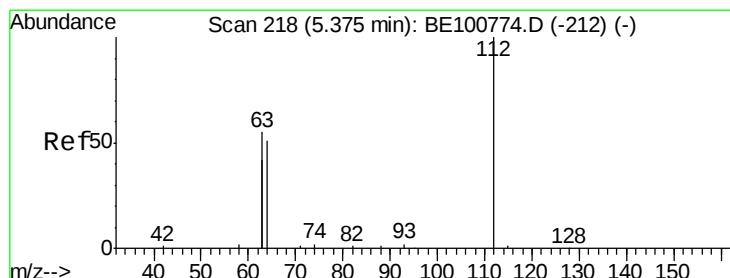
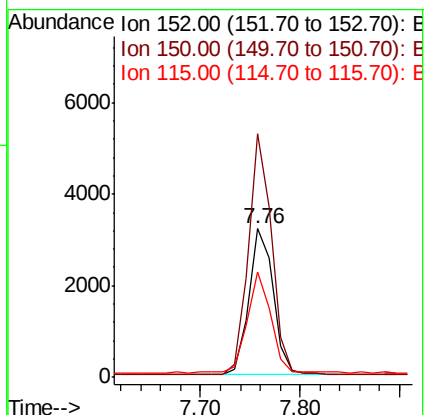
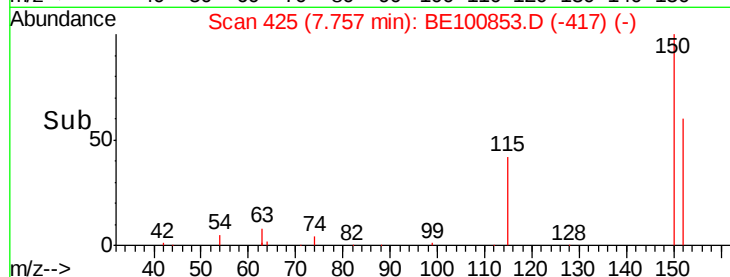
115 71.5 47.4 71.2#



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: 0.010 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

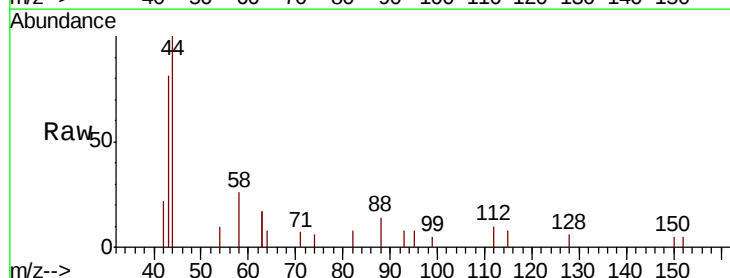
Tgt Ion:112 Resp: 134

Ion Ratio Lower Upper

112 100

64 103.0 54.1 81.1#

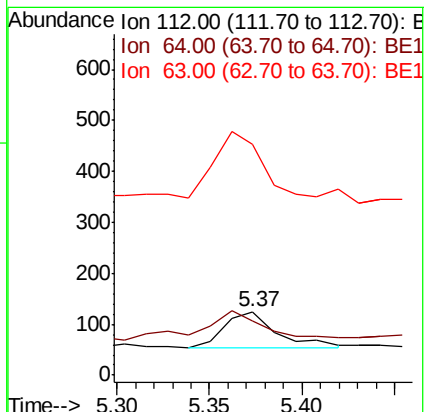
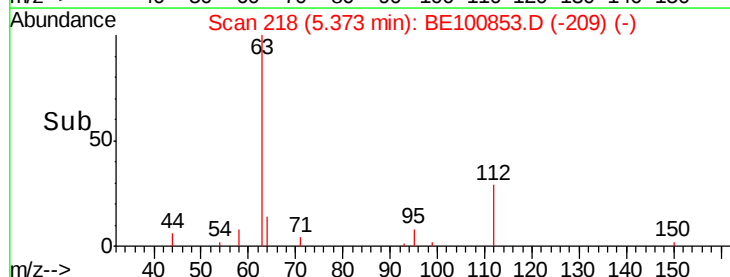
63 161.9 113.2 169.8

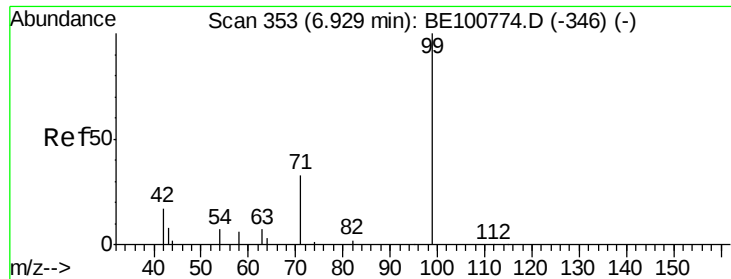


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.007 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

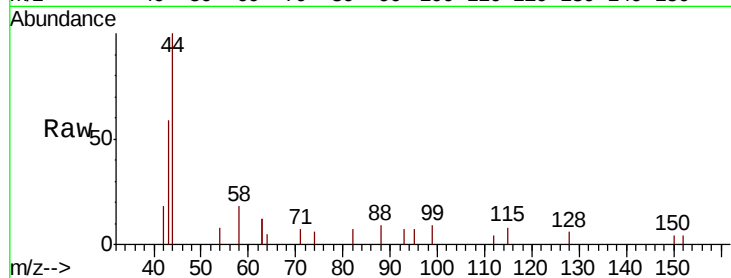
Tot Ion: 99 Resp: 142

Ion Ratio Lower Upper

99 100

42 49.3 19.1 28.7#

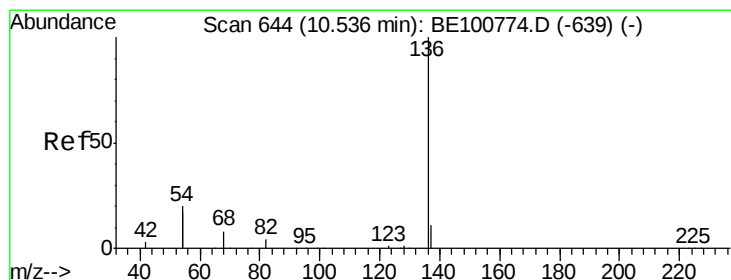
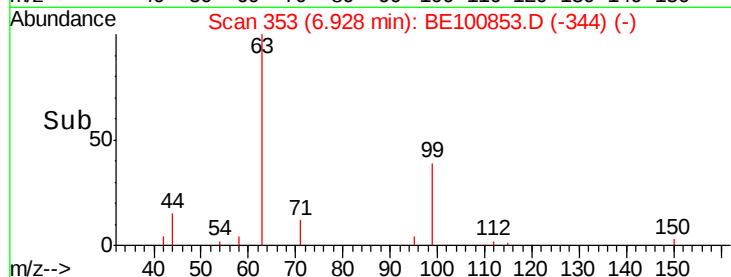
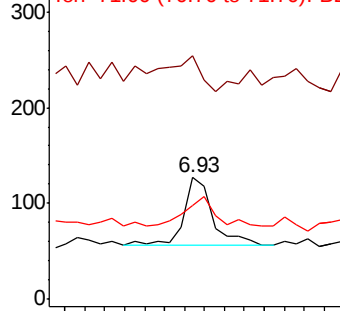
71 47.2 27.7 41.5#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Tgt Ion: 136 Resp: 26128

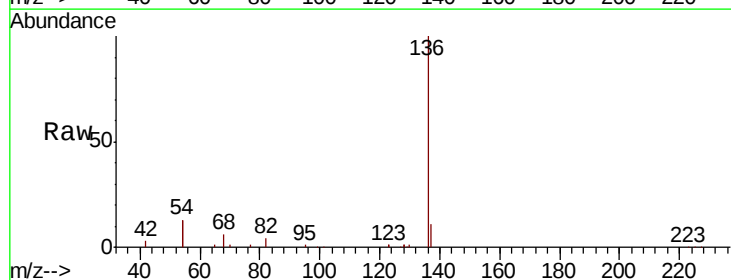
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 26.6 31.1 46.7#

68 5.9 6.6 10.0#

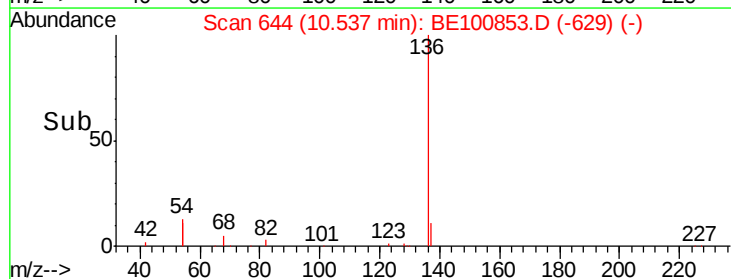
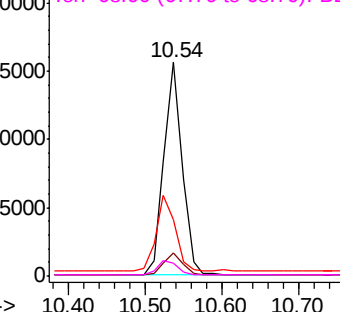


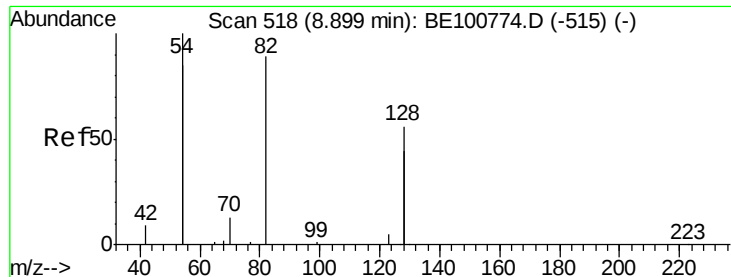
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.031 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

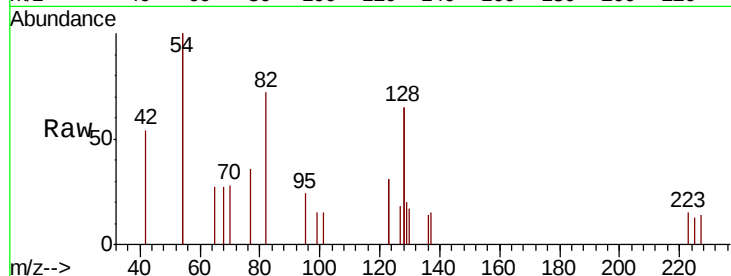
Tot Ion: 82 Resp: 380

Ion Ratio Lower Upper

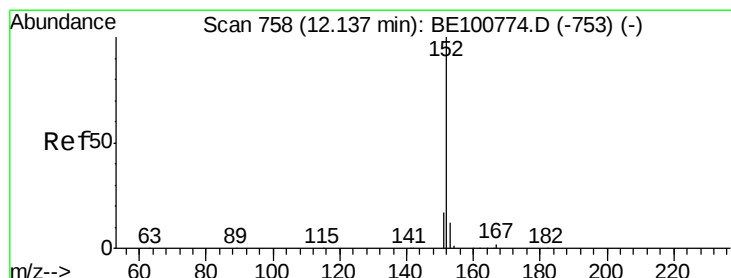
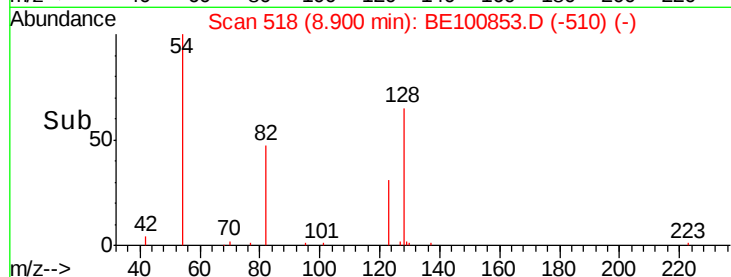
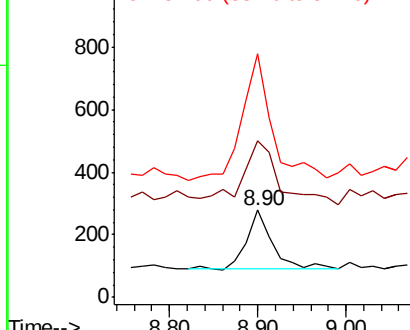
82 100

128 179.9 97.0 145.4#

54 278.9 171.8 257.6#



Abundance Ion 82.00 (81.70 to 82.70): BE1  
Ion 128.00 (127.70 to 128.70): BE1  
Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.024 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100853.D

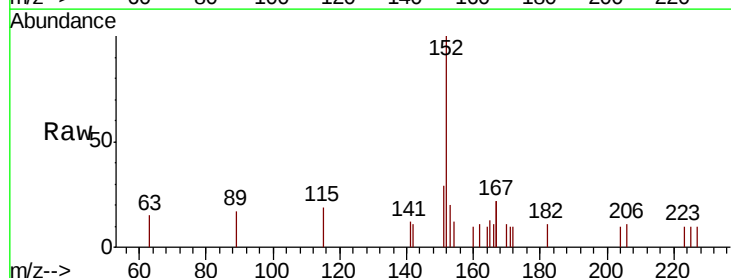
Acq: 11 Dec 2019 19:22

Tgt Ion: 152 Resp: 909

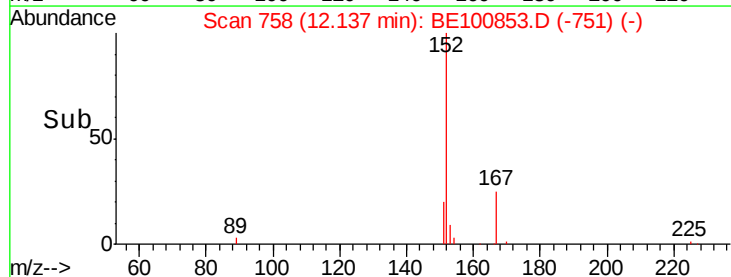
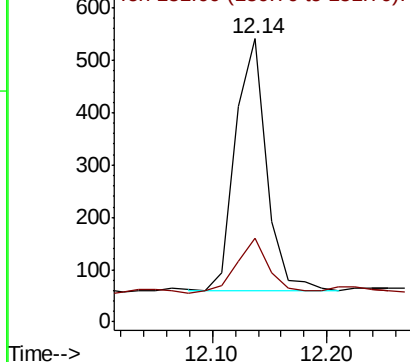
Ion Ratio Lower Upper

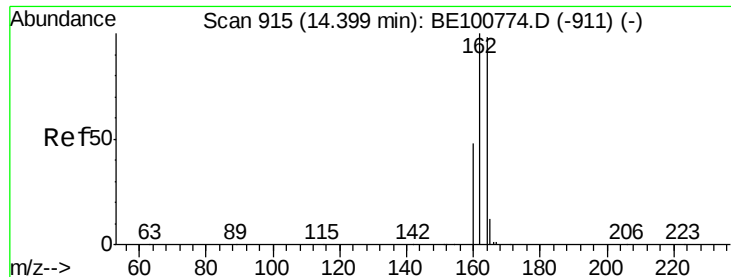
152 100

151 22.1 15.8 23.8



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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

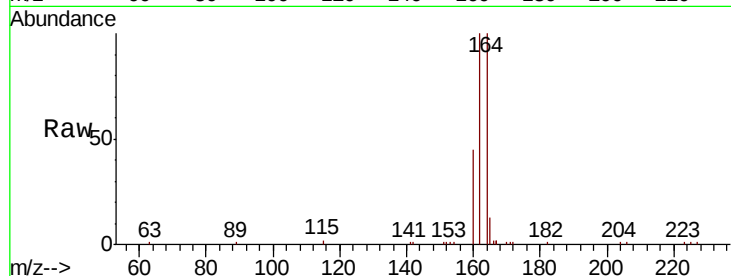
Tot Ion:164 Resp: 14800

Ion Ratio Lower Upper

164 100

162 99.6 81.4 122.0

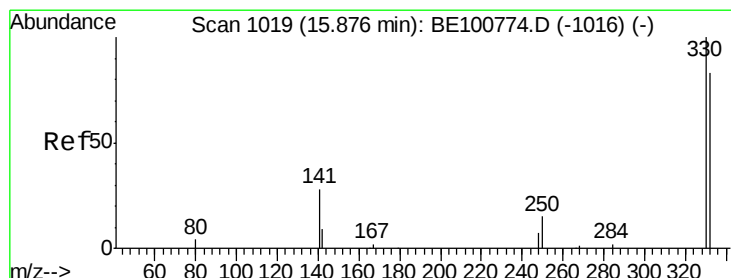
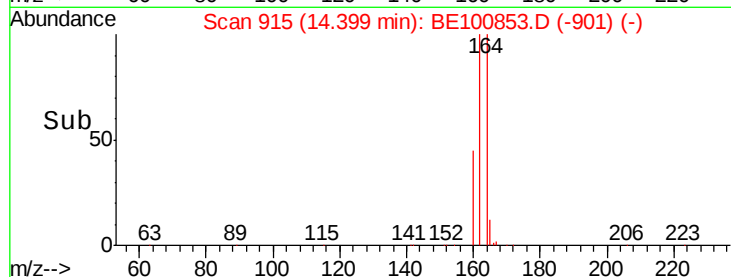
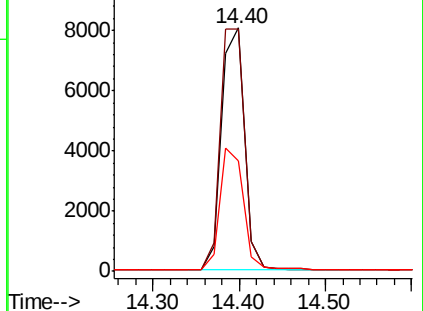
160 45.5 39.4 59.0



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: 0.013 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

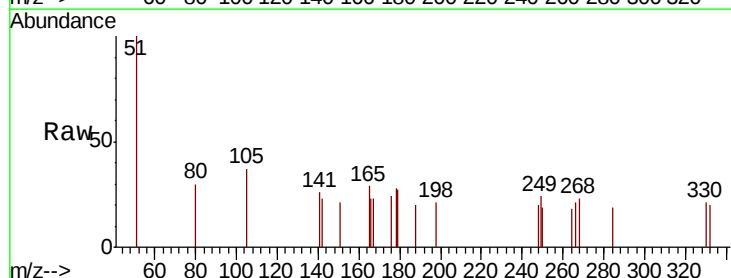
Tgt Ion:330 Resp: 22

Ion Ratio Lower Upper

330 100

332 159.1 69.4 104.2#

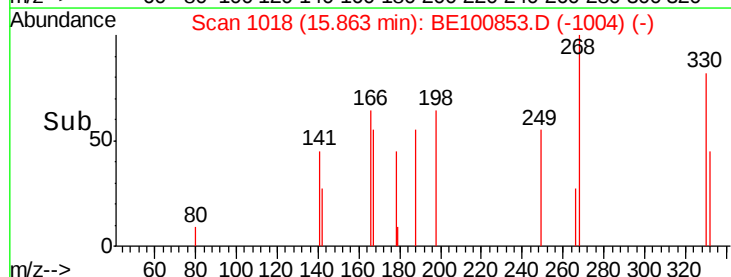
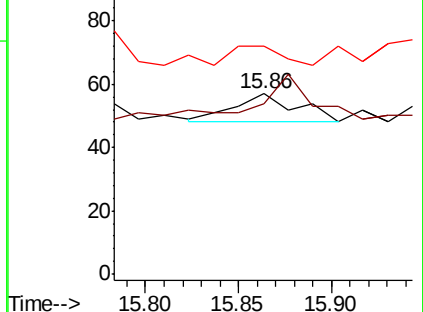
141 0.0 51.1 76.7#

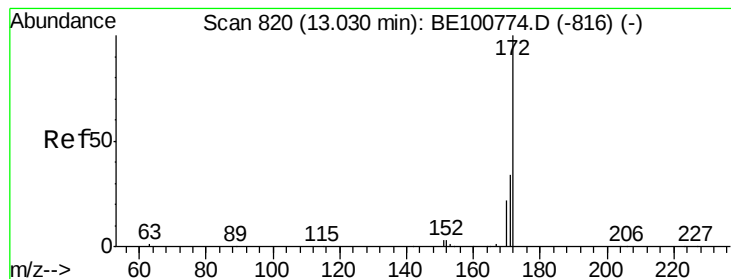


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.022 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

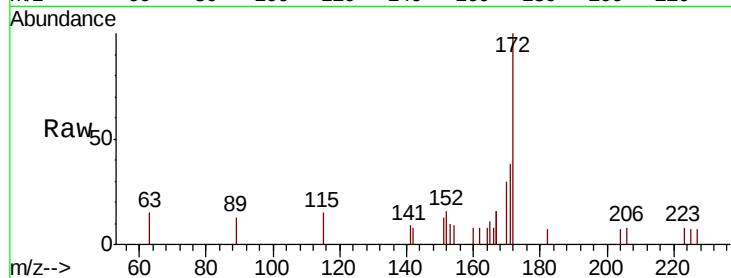
Tot Ion:172 Resp: 1285

Ion Ratio Lower Upper

172 100

171 38.0 27.2 40.8

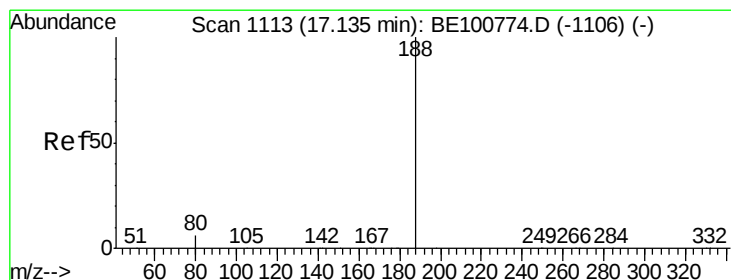
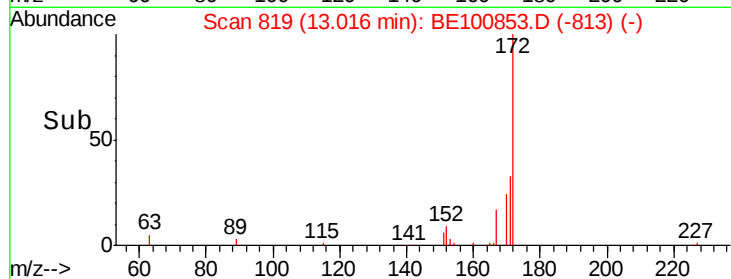
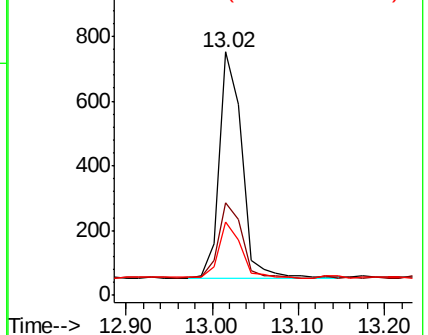
170 30.1 18.0 27.0#



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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

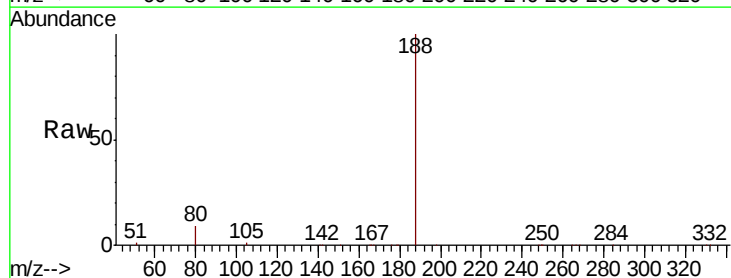
Tgt Ion:188 Resp: 33962

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

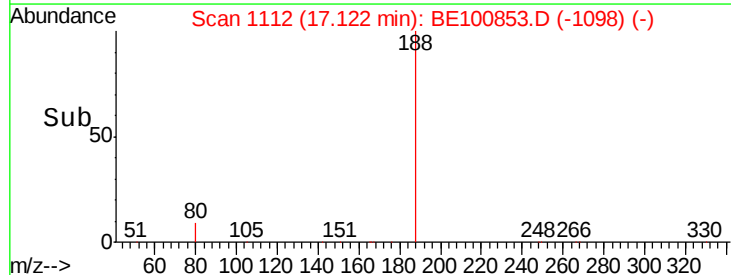
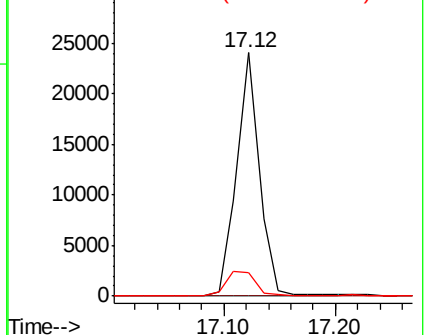
80 9.4 5.2 7.8#

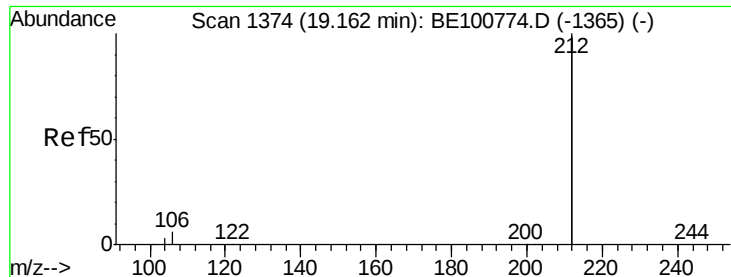


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.019 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

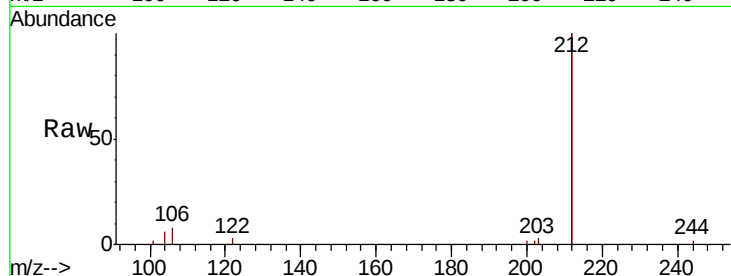
Tot Ion:212 Resp: 7611

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

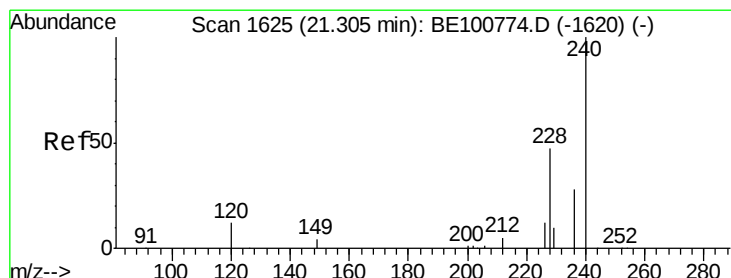
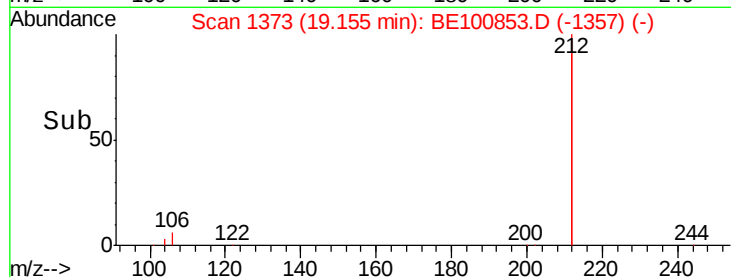
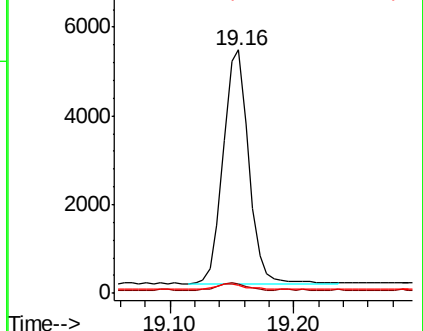
104 2.0 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

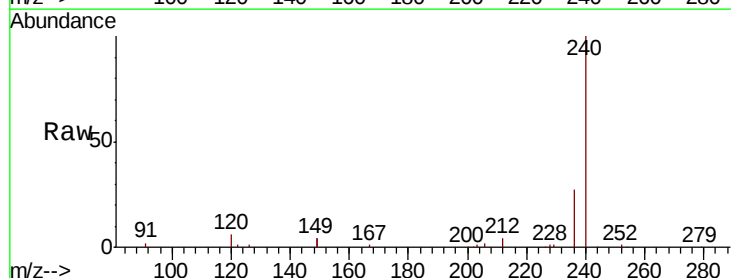
Tgt Ion:240 Resp: 25201

Ion Ratio Lower Upper

240 100

120 5.9 10.2 15.2#

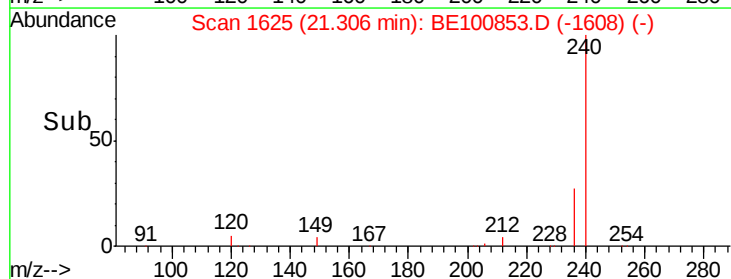
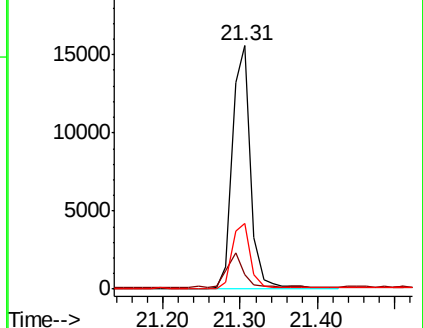
236 27.2 22.3 33.5

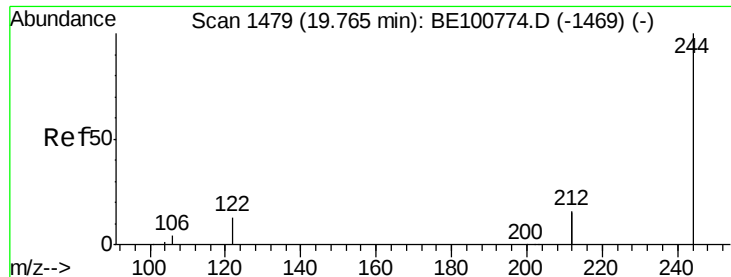


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.030 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

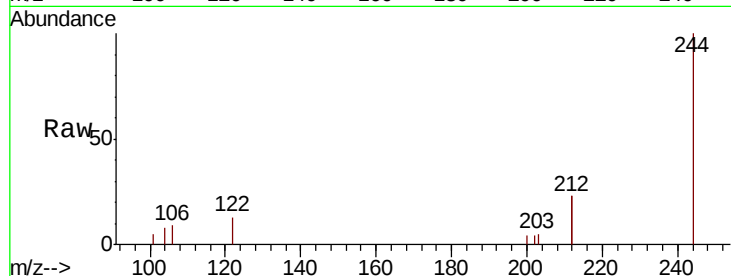
Tot Ion:244 Resp: 1796

Ion Ratio Lower Upper

244 100

212 45.7 26.2 39.4#

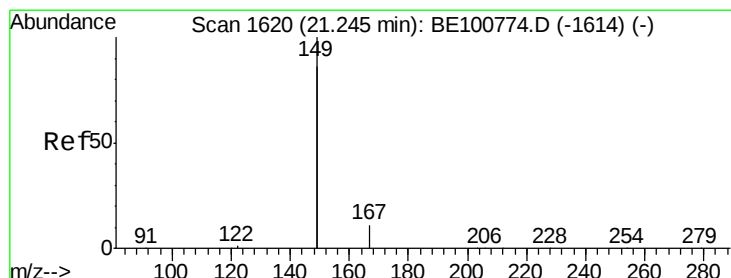
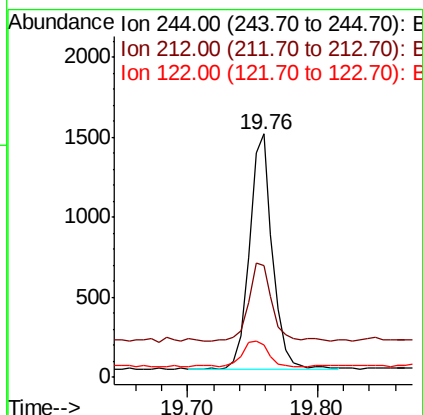
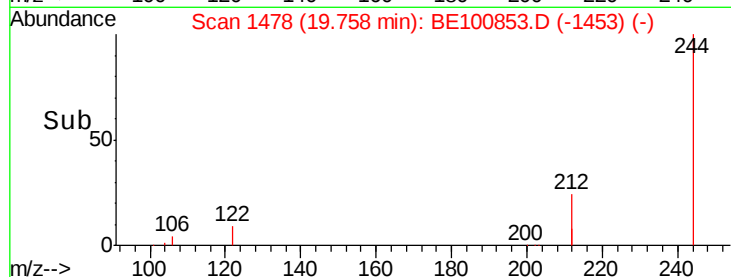
122 13.2 10.2 15.4



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: 0.086 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

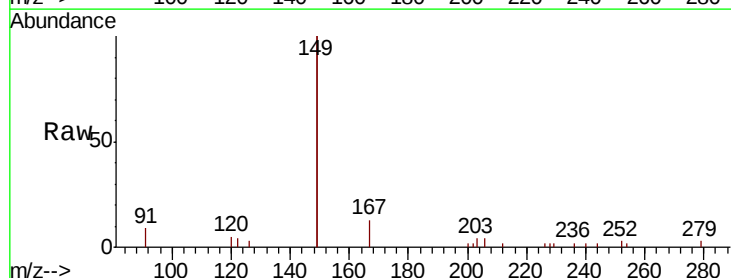
Tgt Ion:149 Resp: 6973

Ion Ratio Lower Upper

149 100

167 7.1 5.0 7.6

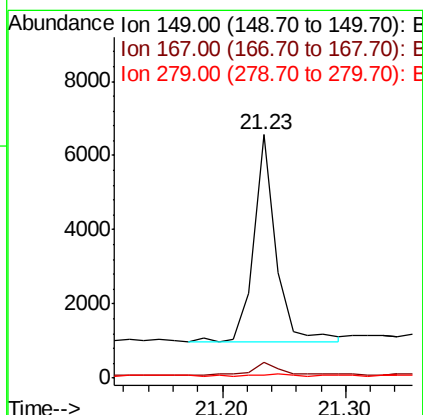
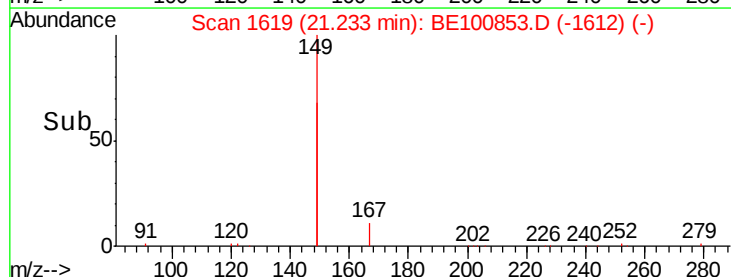
279 1.3 0.7 1.1#

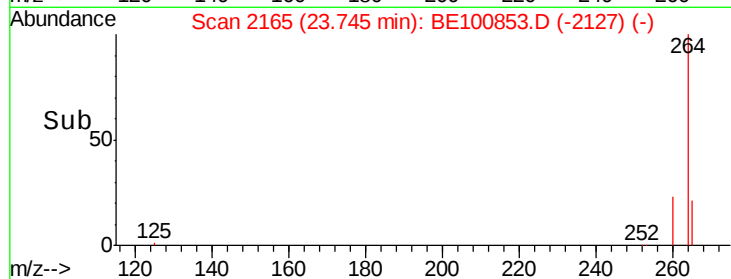
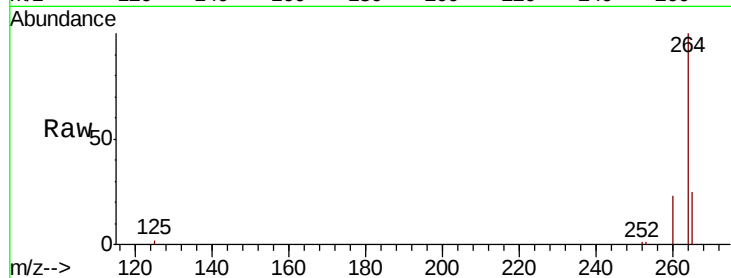
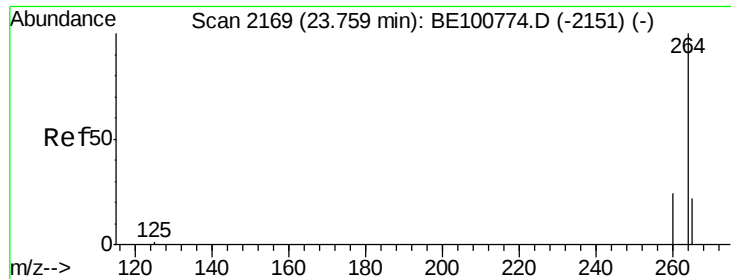


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.74 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100853.D

Acq: 11 Dec 2019 19:22

Instrument :

BNA\_E

ClientSampleId :

EB01-20191205

Tot Ion: 264 Resp: 30039

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 24.8 21.8 32.8

