

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\  
 Data File : BE099878.D  
 Acq On : 8 Jun 2019 9:45  
 Operator : JU/SJ  
 Sample : K3249-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-EB02-20190605

Quant Time: Jun 08 17:15:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 07 15:25:21 2019  
 Response via : Initial Calibration

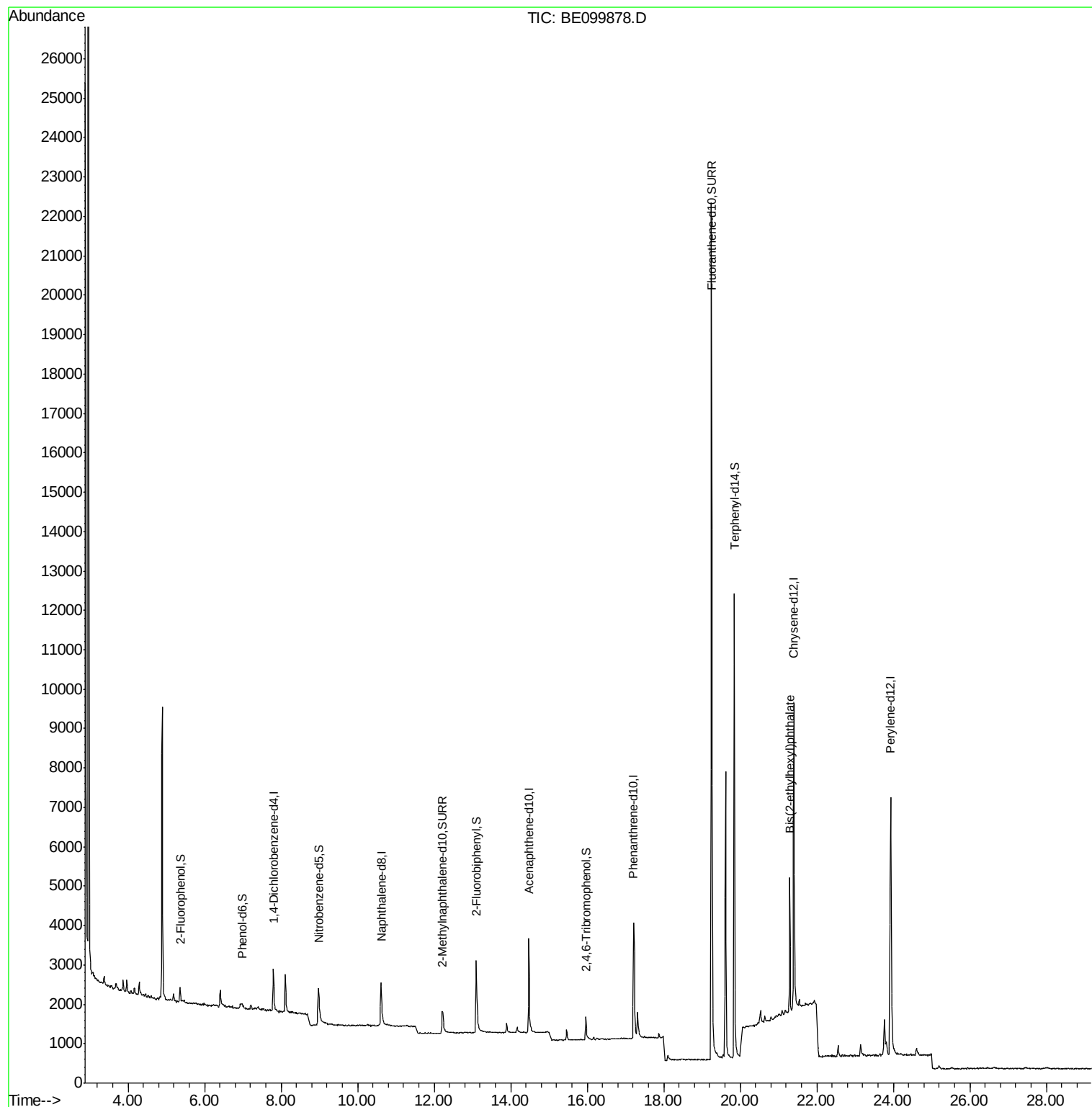
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.79  | 152  | 638      | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.61 | 136  | 2111     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.47 | 164  | 1637     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.21 | 188  | 5434     | 0.40  | ng    | -0.01    |
| 27) Chrysene-d12               | 21.40 | 240  | 9820     | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.93 | 264  | 11083    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.36  | 112  | 287      | 0.13  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.98  | 99   | 187      | 0.07  | ng    | 0.01     |
| 8) Nitrobenzene-d5             | 8.98  | 82   | 841      | 0.39  | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10    | 12.21 | 152  | 1332     | 0.35  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.97 | 330  | 501      | 0.31  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 2766     | 0.47  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.25 | 212  | 33959    | 0.40  | ng    | -0.01    |
| 29) Terphenyl-d14              | 19.84 | 244  | 11644    | 0.64  | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 4130     | 0.081 | ng    | 99       |

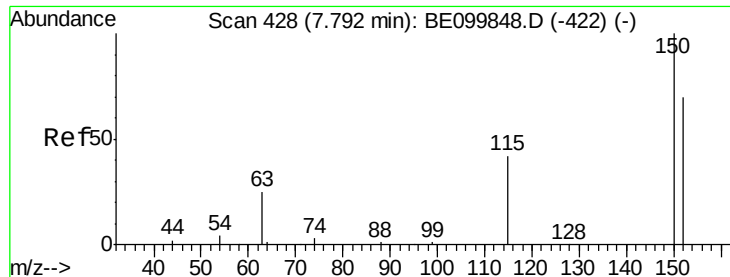
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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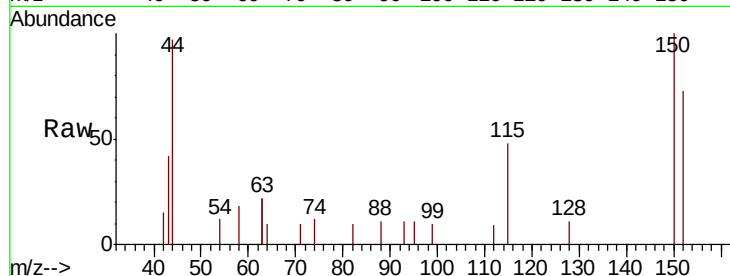


#1

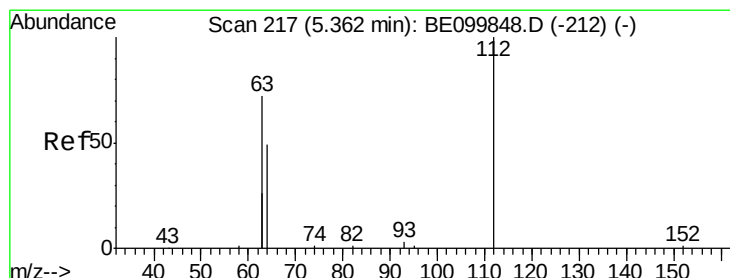
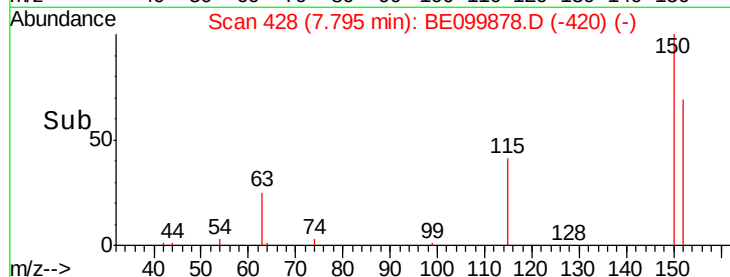
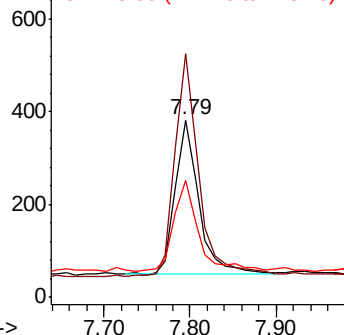
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.79 min Scan# 428  
Delta R.T. -0.01 min  
Lab File: BE099878.D  
Acq: 8 Jun 2019 9:45

Instrument :  
BNA\_E  
ClientSampleId :  
BP-EB02-20190605

Tot Ion:152 Resp: 638  
Ion Ratio Lower Upper  
152 100  
150 137.1 112.8 169.2  
115 65.5 47.6 71.4



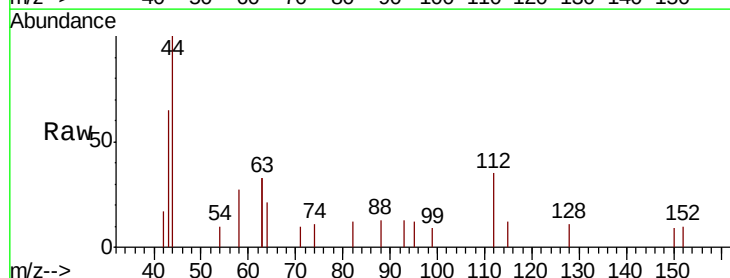
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



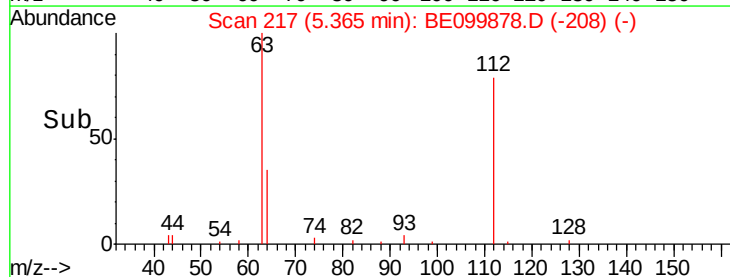
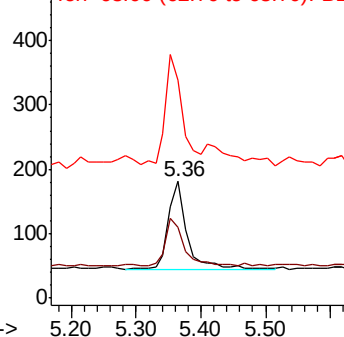
#4

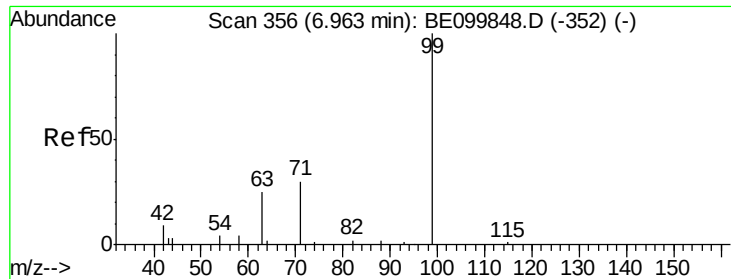
2-Fluorophenol  
Concen: 0.134 ng  
RT: 5.36 min Scan# 217  
Delta R.T. 0.00 min  
Lab File: BE099878.D  
Acq: 8 Jun 2019 9:45

Tgt Ion:112 Resp: 287  
Ion Ratio Lower Upper  
112 100  
64 50.9 47.2 70.8  
63 106.3 90.7 136.1



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.071 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

Instrument :

BNA\_E

ClientSampleId :

BP-EB02-20190605

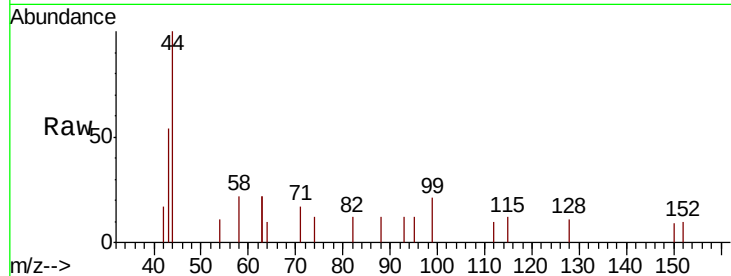
Tot Ion: 99 Resp: 187

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

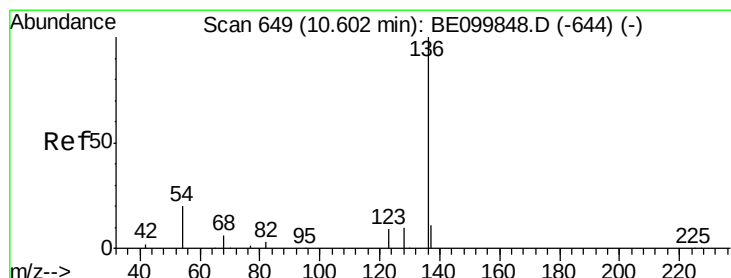
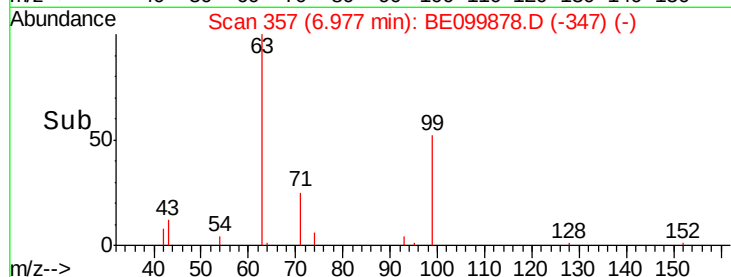
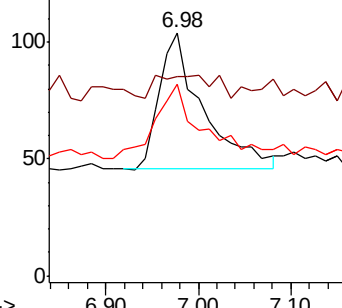
71 61.5 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

Tgt Ion: 136 Resp: 2111

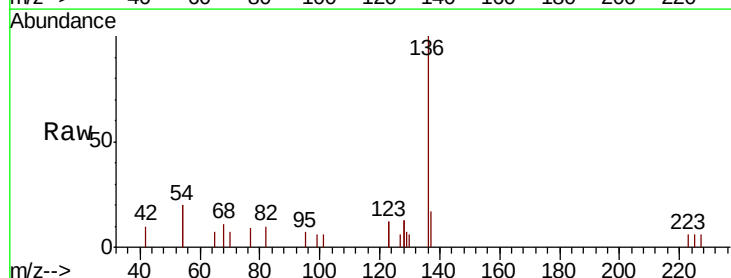
Ion Ratio Lower Upper

136 100

137 17.1 11.1 16.7#

54 41.0 17.9 26.9#

68 11.0 5.4 8.0#

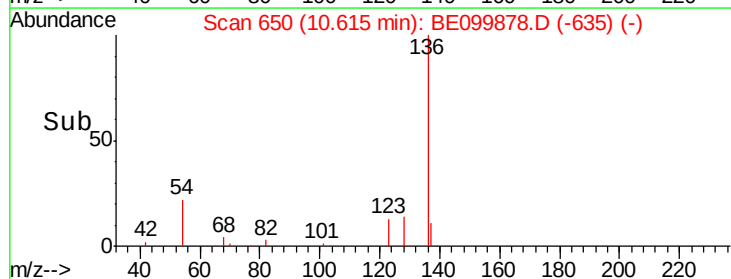
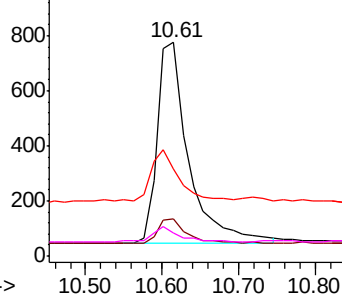


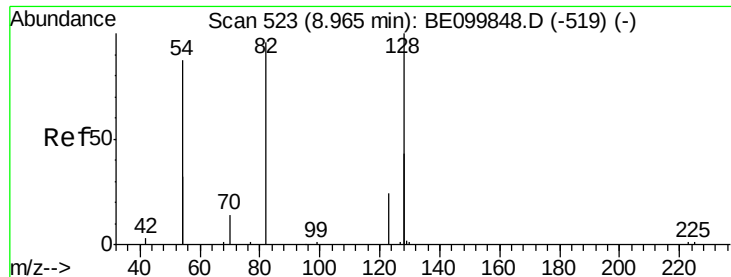
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.395 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

Instrument :

BNA\_E

ClientSampleId :

BP-EB02-20190605

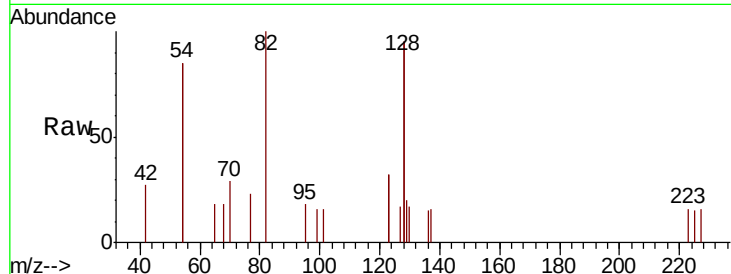
Tot Ion: 82 Resp: 841

Ion Ratio Lower Upper

82 100

128 190.5 116.6 175.0#

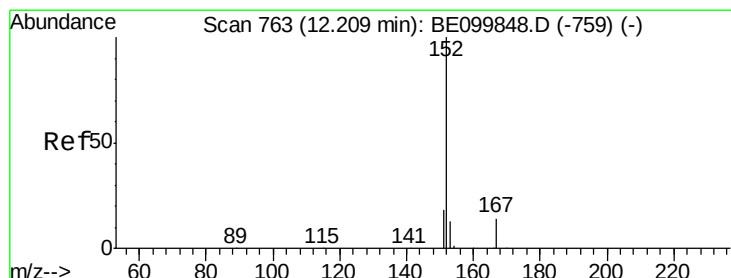
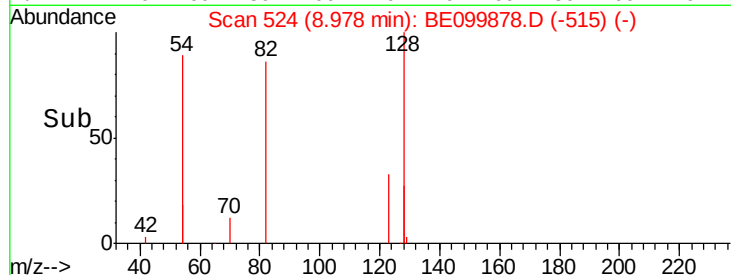
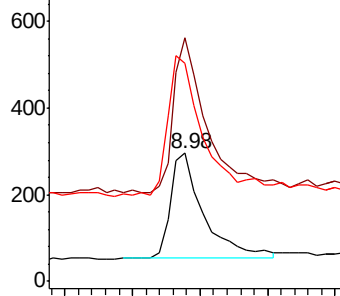
54 170.2 136.2 204.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099878.D

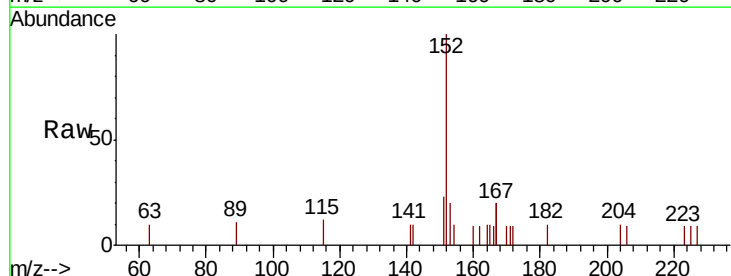
Acq: 8 Jun 2019 9:45

Tgt Ion:152 Resp: 1332

Ion Ratio Lower Upper

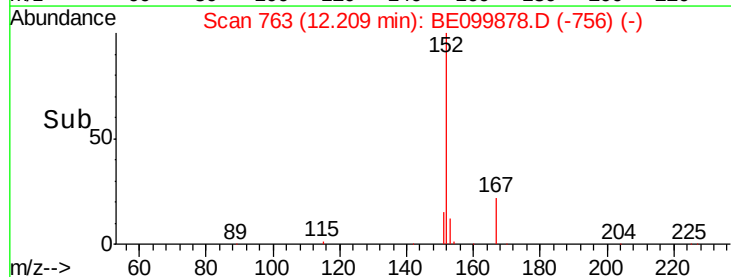
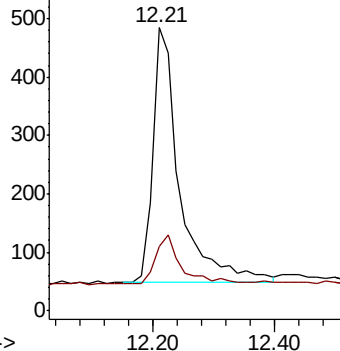
152 100

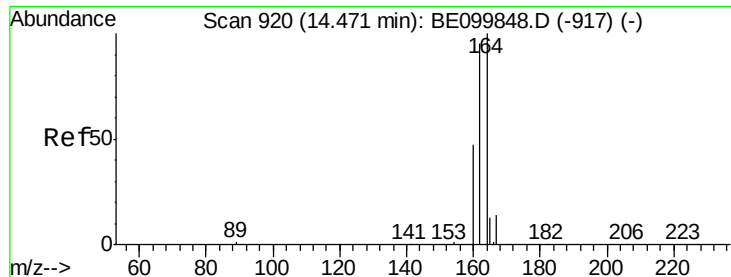
151 18.2 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

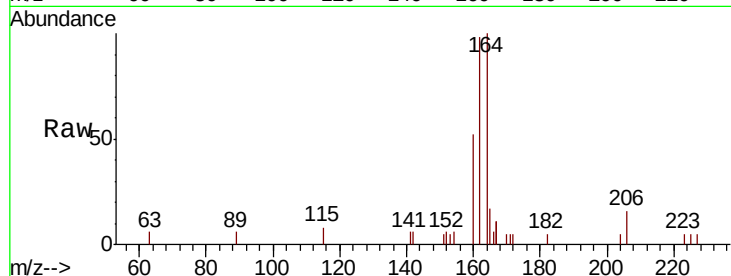




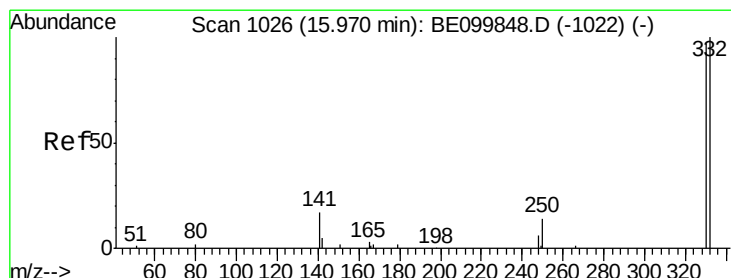
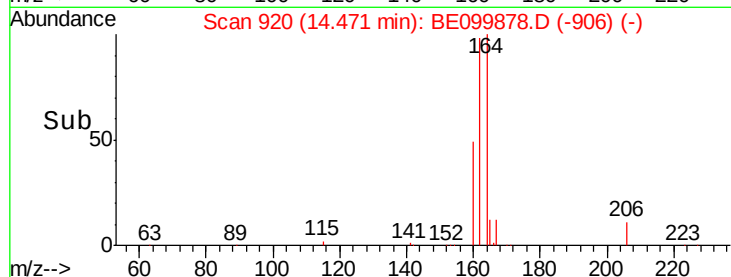
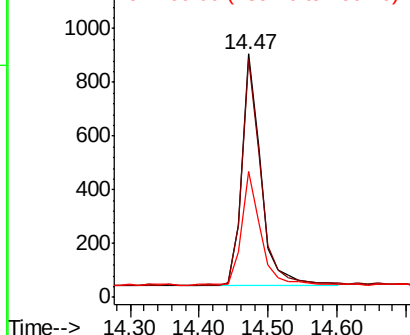
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.47 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: BE099878.D  
 Acq: 8 Jun 2019 9:45

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-EB02-20190605

Tot Ion:164 Resp: 1637  
 Ion Ratio Lower Upper  
 164 100  
 162 97.8 77.2 115.8  
 160 51.8 39.4 59.2

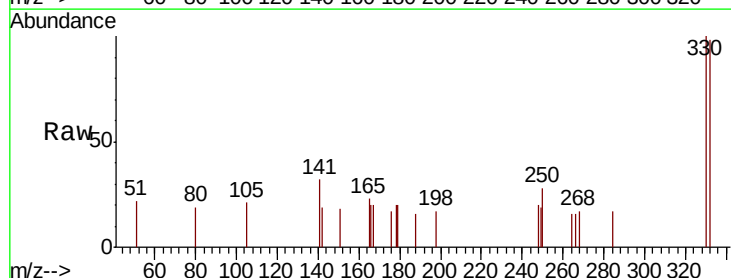


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

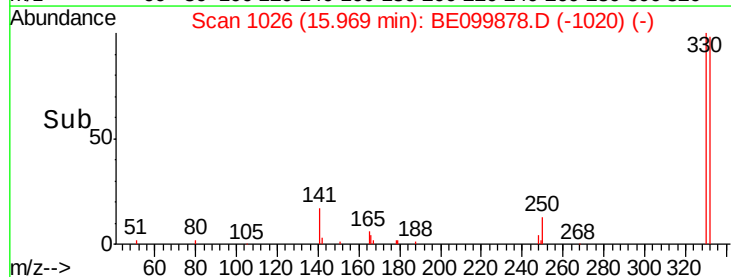
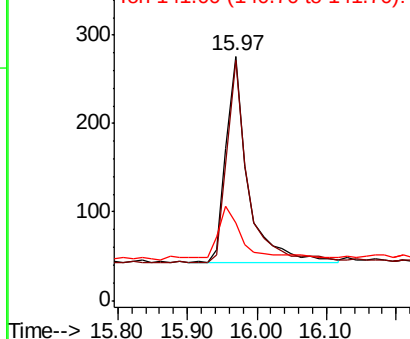


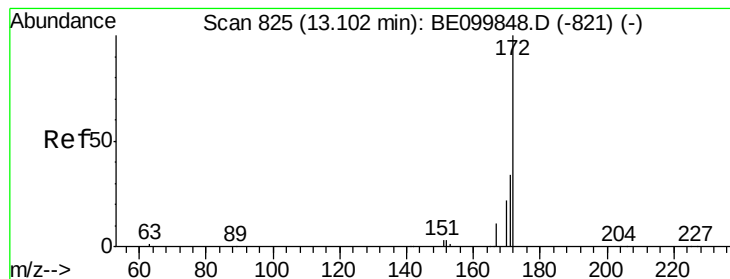
#14  
 2,4,6-Tribromophenol  
 Concen: 0.309 ng  
 RT: 15.97 min Scan# 1026  
 Delta R.T. -0.01 min  
 Lab File: BE099878.D  
 Acq: 8 Jun 2019 9:45

Tgt Ion:330 Resp: 501  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 74.9 112.3  
 141 26.7 16.0 24.0#



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

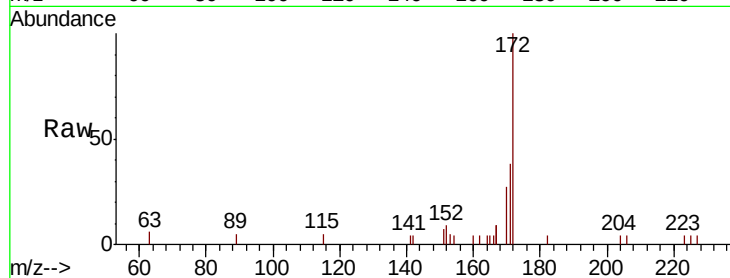




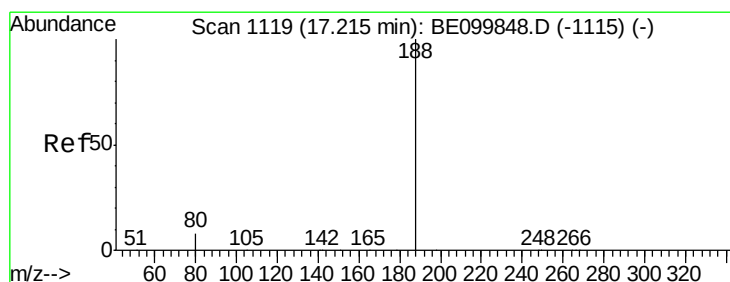
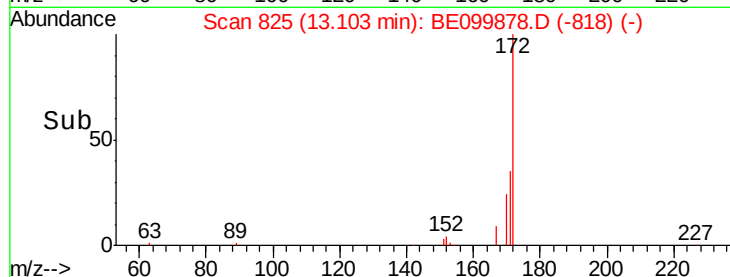
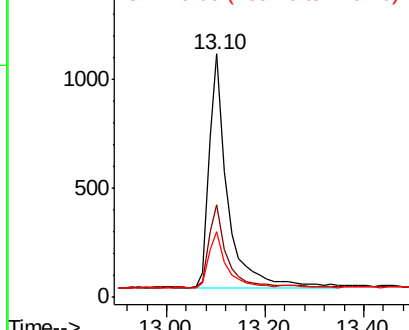
#15  
2-Fluorobiphenyl  
Concen: 0.468 ng  
RT: 13.10 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: BE099878.D  
Acq: 8 Jun 2019 9:45

Instrument :  
BNA\_E  
ClientSampleId :  
BP-EB02-20190605

Tot Ion:172 Resp: 2766  
Ion Ratio Lower Upper  
172 100  
171 37.9 30.2 45.4  
170 26.7 20.1 30.1

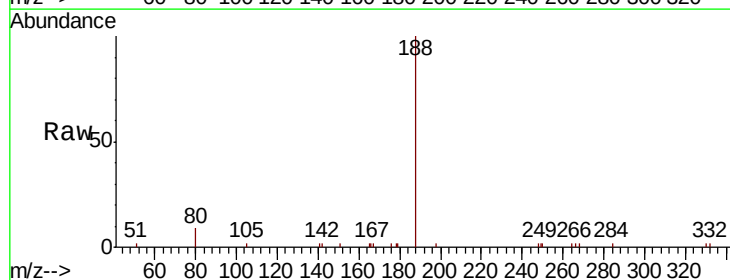


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

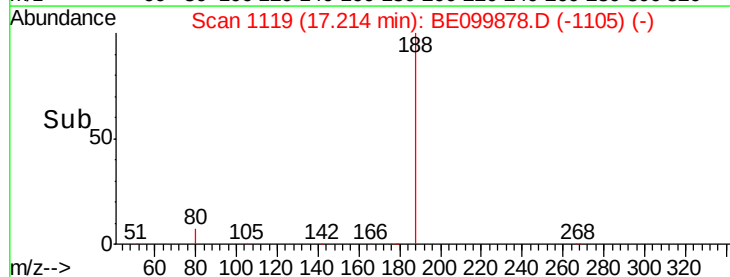
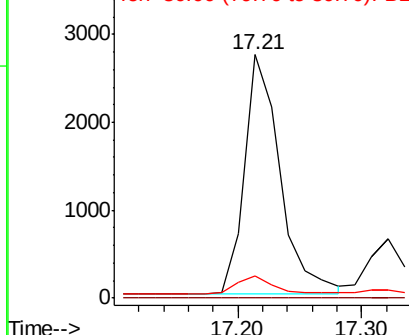


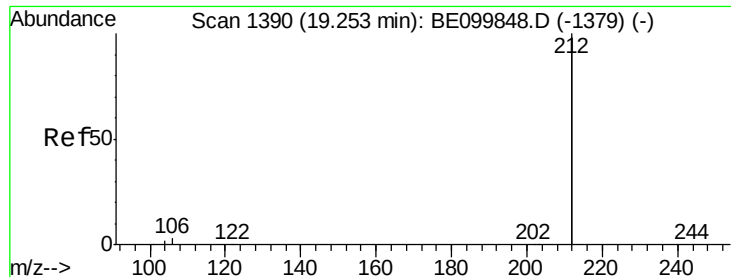
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.21 min Scan# 1119  
Delta R.T. -0.01 min  
Lab File: BE099878.D  
Acq: 8 Jun 2019 9:45

Tgt Ion:188 Resp: 5434  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.0 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BE0  
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

Instrument :

BNA\_E

ClientSampleId :

BP-EB02-20190605

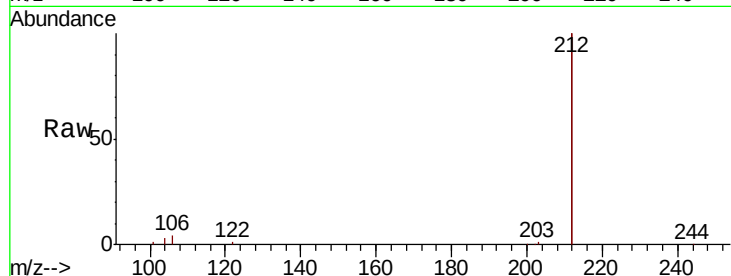
Tot Ion:212 Resp: 33959

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

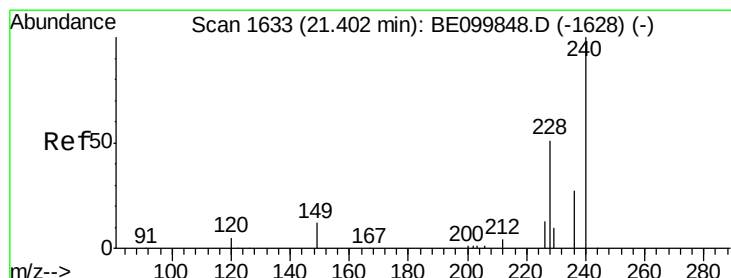
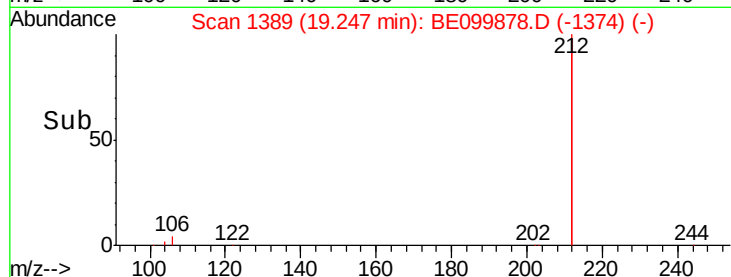
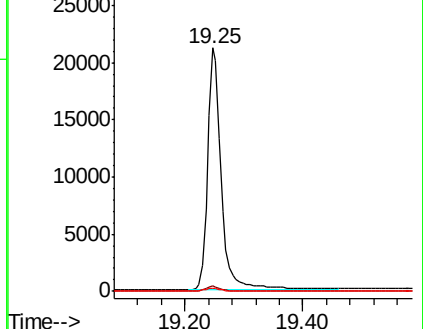
104 1.1 0.8 1.2



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

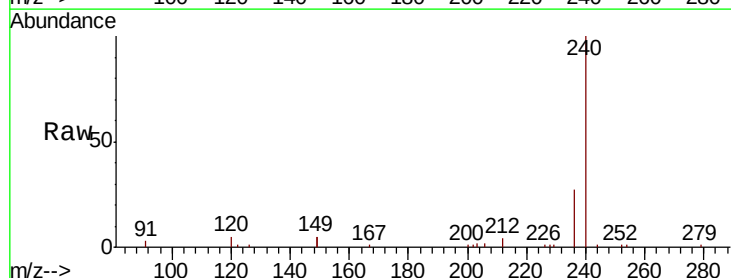
Tgt Ion:240 Resp: 9820

Ion Ratio Lower Upper

240 100

120 4.9 2.8 4.2#

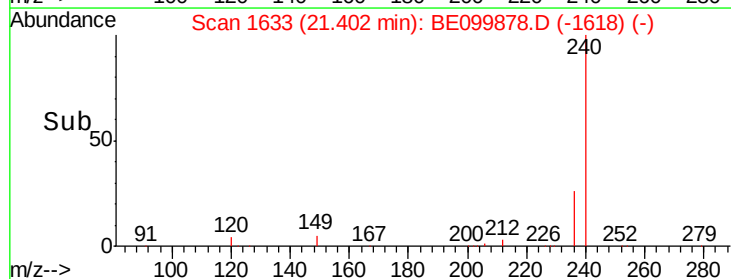
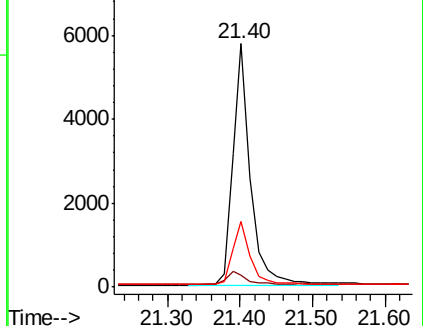
236 27.0 20.9 31.3



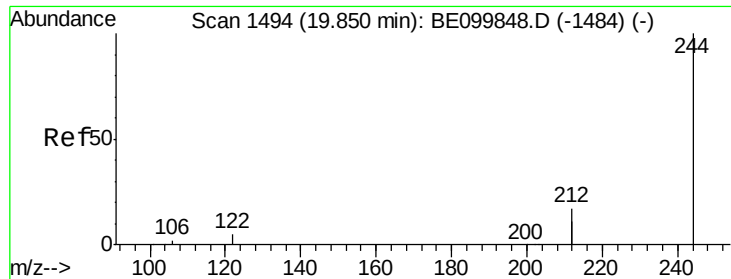
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#29

Terphenyl-d14

Concen: 0.636 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

Instrument :

BNA\_E

ClientSampleId :

BP-EB02-20190605

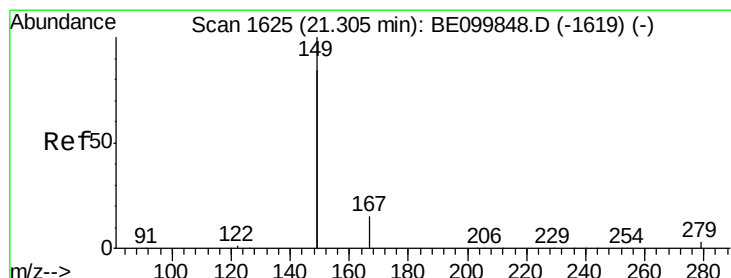
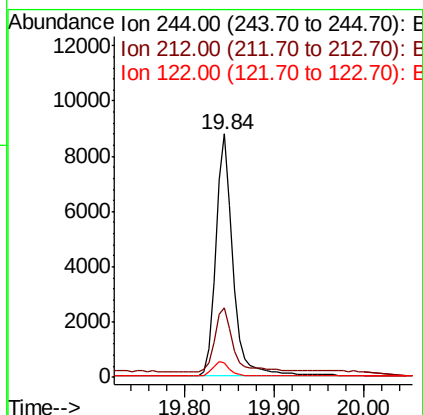
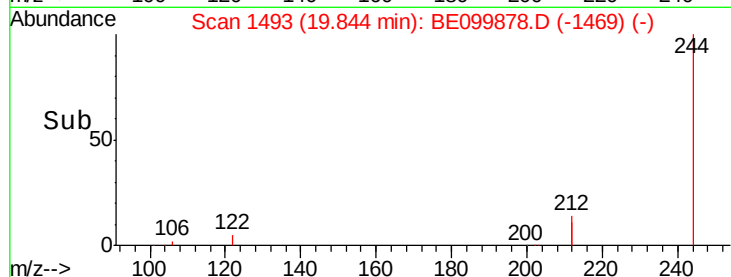
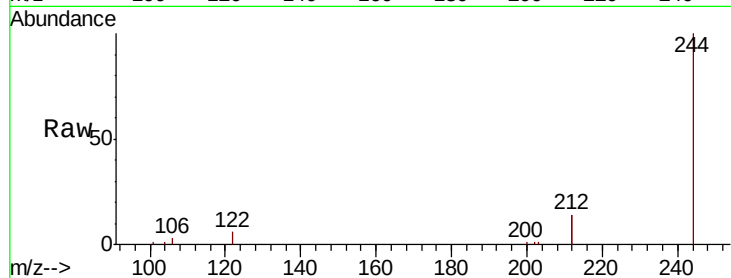
Tot Ion:244 Resp: 11644

Ion Ratio Lower Upper

244 100

212 28.7 23.7 35.5

122 5.7 4.8 7.2



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

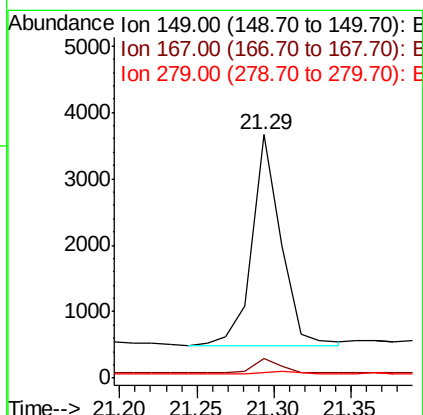
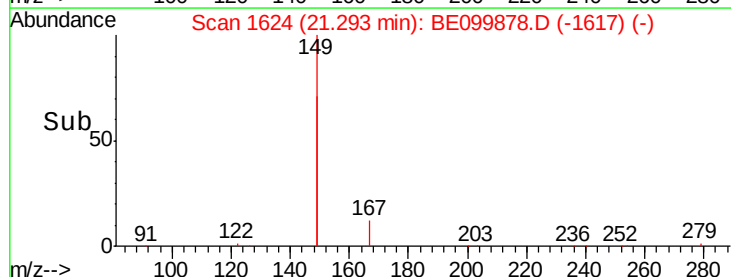
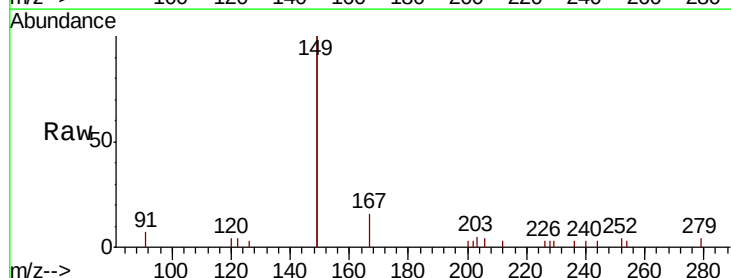
Tgt Ion:149 Resp: 4130

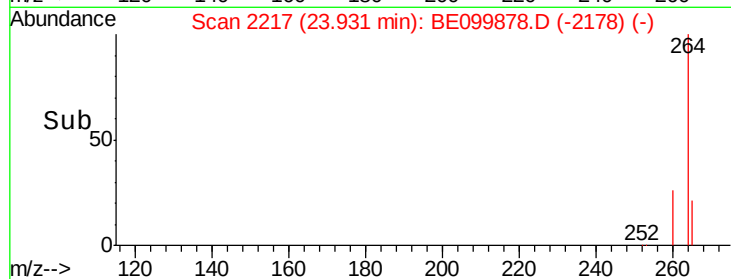
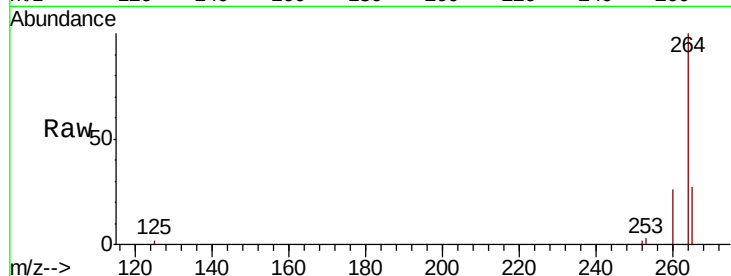
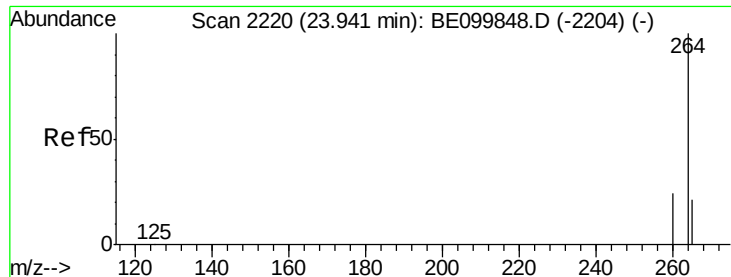
Ion Ratio Lower Upper

149 100

167 6.9 6.0 9.0

279 1.6 1.2 1.8





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BE099878.D

Acq: 8 Jun 2019 9:45

Instrument :

BNA\_E

ClientSampleId :

BP-EB02-20190605

Tot Ion:264 Resp: 11083

Ion Ratio Lower Upper

264 100

260 26.1 20.0 30.0

265 27.0 20.7 31.1

