

Data File : BE097662.D  
Acq On : 25 Sep 2018 17:53  
Operator : SJ/JU  
Sample : J5033-11  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
BPSI-TT-MW312I-20180918

Quant Time: Sep 26 07:35:48 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE092418.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 24 18:40:34 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 683      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.16 | 136  | 3003     | 0.40 | ng    | 0.03     |
| 13) Acenaphthene-d10      | 14.01 | 164  | 2019     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 16.76 | 188  | 6777     | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 20.97 | 240  | 8518     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.21 | 264  | 7932     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.06  | 112 | 376   | 0.21 | ng | 0.00 |
| 5) Phenol-d6                | 0.00  | 99  | 0     | 0.00 | ng |      |
| 8) Nitrobenzene-d5          | 8.60  | 82  | 561   | 0.32 | ng | 0.06 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 2125  | 0.48 | ng | 0.03 |
| 14) 2,4,6-Tribromophenol    | 15.53 | 330 | 359   | 0.44 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.64 | 172 | 3660  | 0.56 | ng | 0.01 |
| 25) Fluoranthene-d10        | 18.80 | 212 | 41487 | 0.56 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.41 | 244 | 7930  | 0.47 | ng | 0.00 |

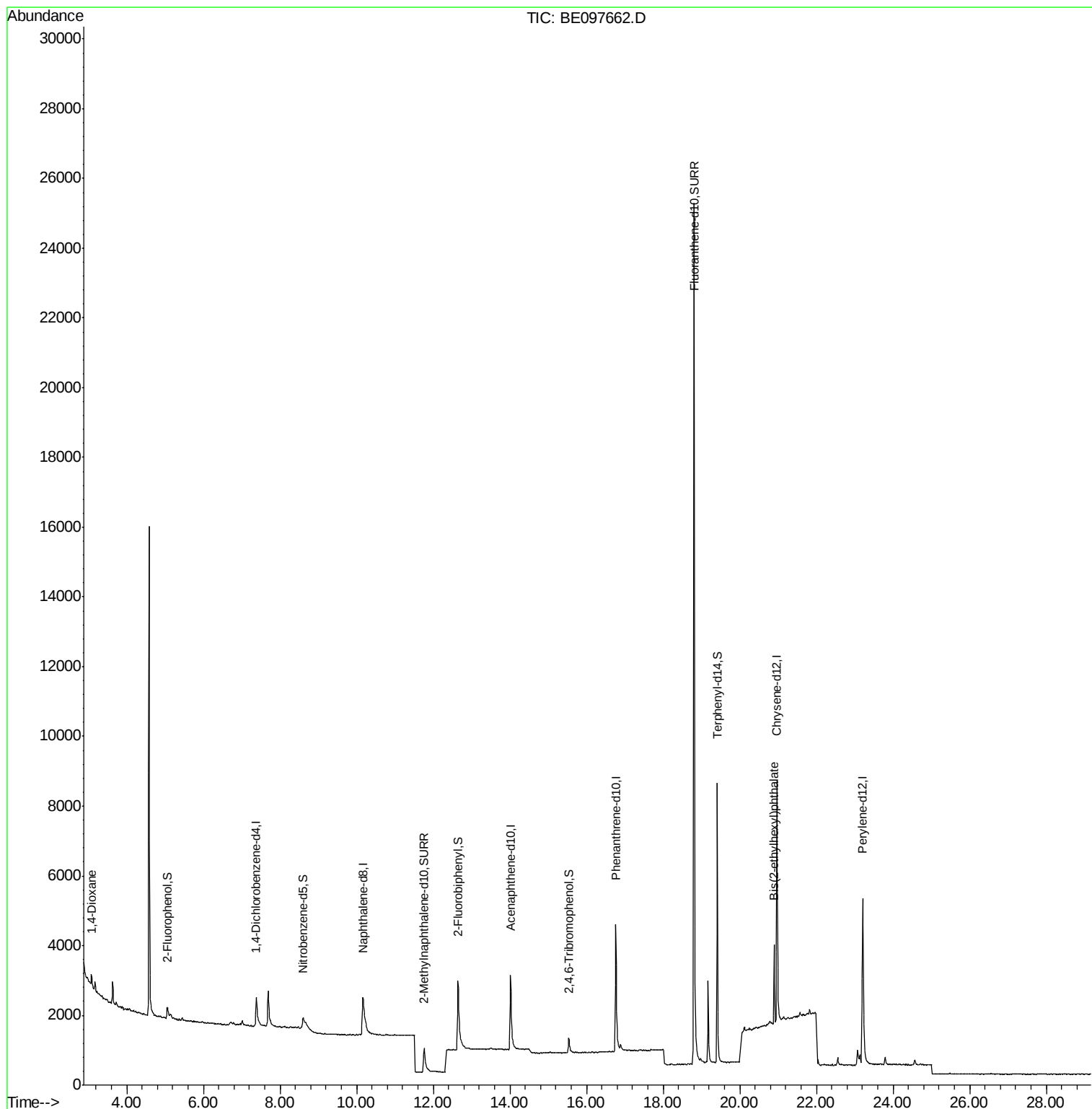
|                                |       |     |      |       |    |        |
|--------------------------------|-------|-----|------|-------|----|--------|
| Target Compounds               |       |     |      |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.08  | 88  | 242  | 0.186 | ng | # 68   |
| 32) Bis(2-ethylhexyl)phthalate | 20.90 | 149 | 2644 | 0.115 | ng | # 99   |

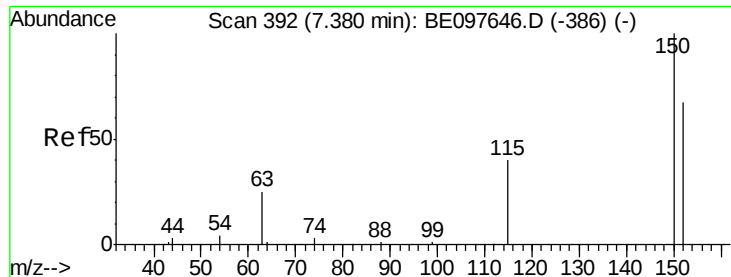
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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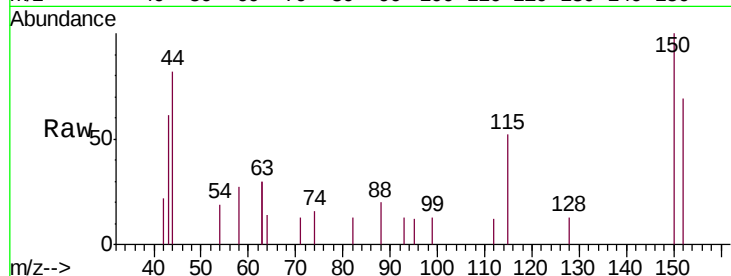


#1

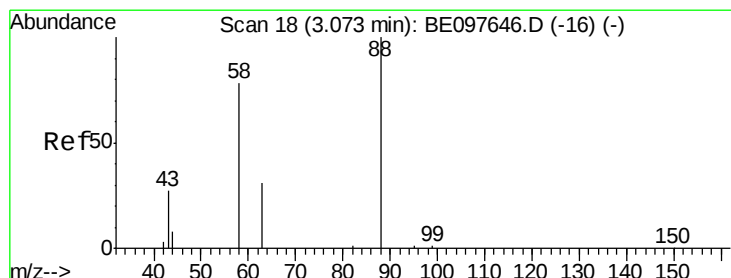
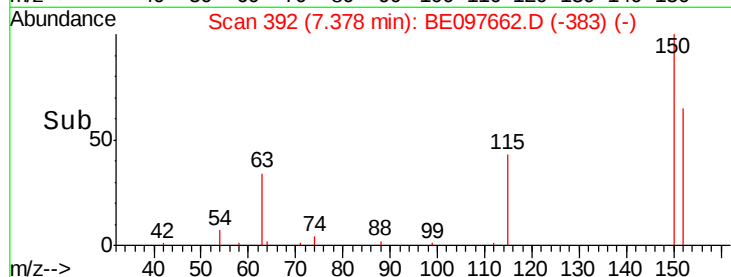
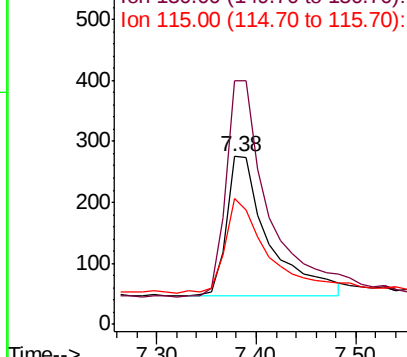
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.38 min Scan# 392  
Delta R.T. -0.00 min  
Lab File: BE097662.D  
Acq: 25 Sep 2018 17:53

Instrument :  
BNA\_E  
ClientSampleId :  
BPSI-TT-MW312I-20180918

Tgt Ion:152 Resp: 683  
Ion Ratio Lower Upper  
152 100  
150 145.1 117.2 175.8  
115 75.3 57.0 85.6



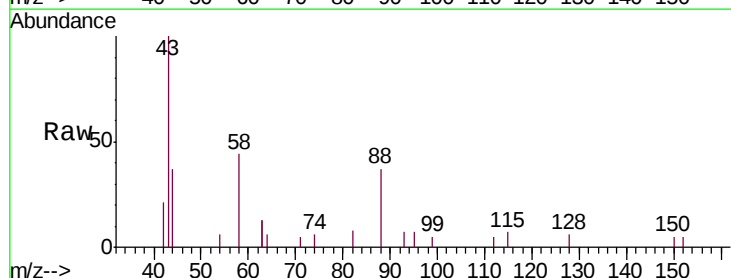
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



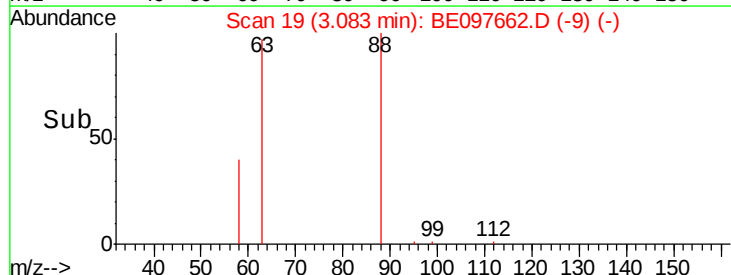
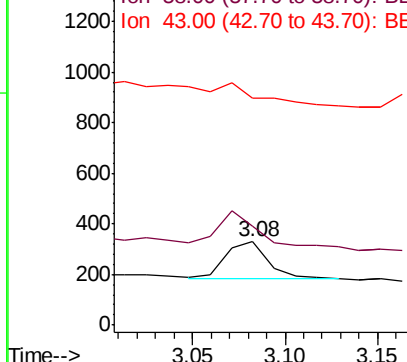
#2

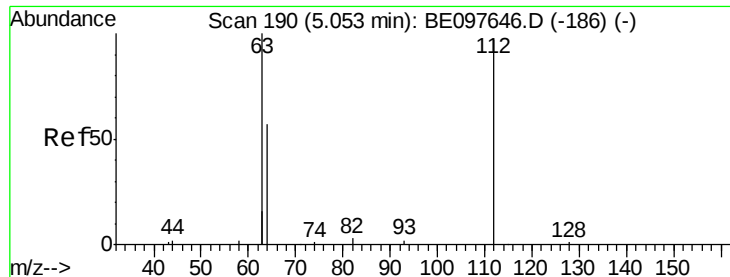
1,4-Dioxane  
Concen: 0.186 ng  
RT: 3.08 min Scan# 19  
Delta R.T. 0.01 min  
Lab File: BE097662.D  
Acq: 25 Sep 2018 17:53

Tgt Ion: 88 Resp: 242  
Ion Ratio Lower Upper  
88 100  
58 83.1 63.2 94.8  
43 0.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0  
Ion 58.00 (57.70 to 58.70): BE0  
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.209 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

Instrument :

BNA\_E

ClientSampleId :

BPSI-TT-MW312I-20180918

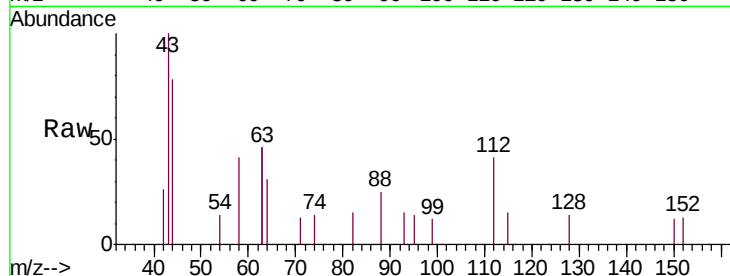
Tgt Ion: 112 Resp: 376

Ion Ratio Lower Upper

112 100

64 70.2 60.1 90.1

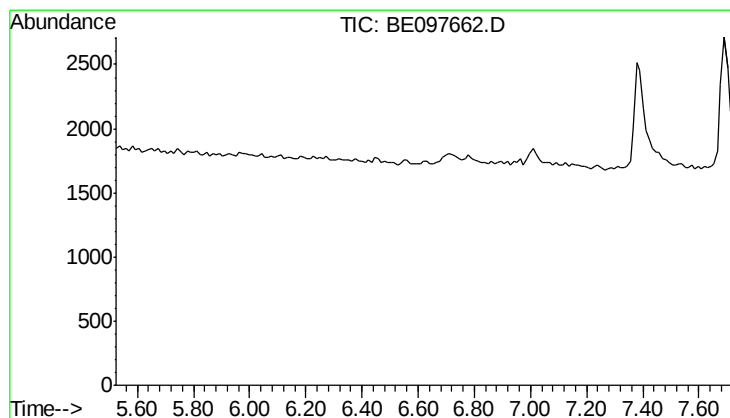
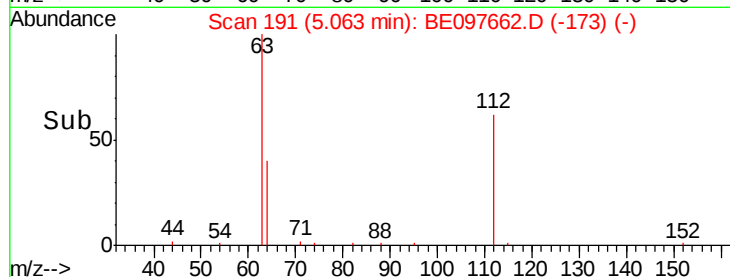
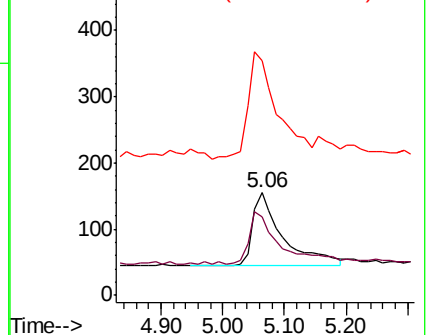
63 133.8 116.8 175.2



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: 0.000 ng

Expected RT: 6.62 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

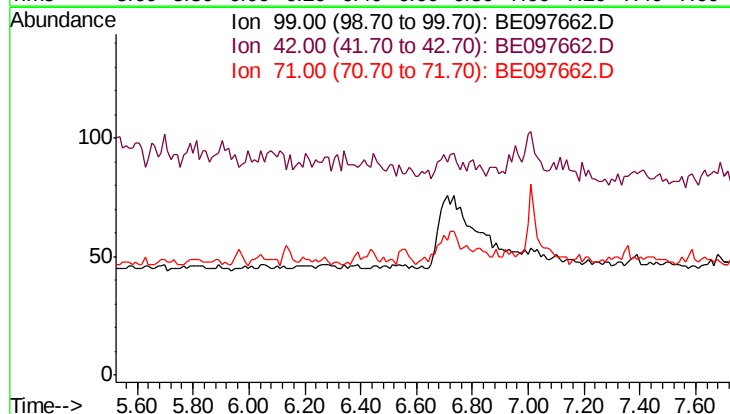
Tgt Ion: 99

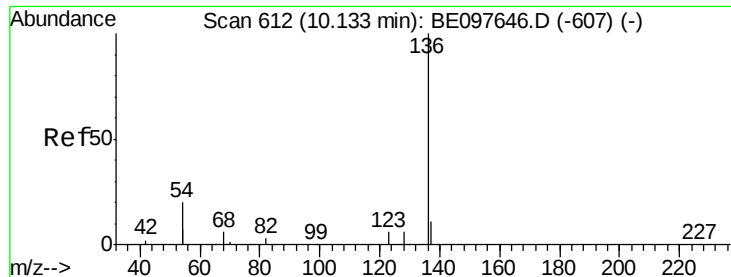
Sig Exp Ratio

99 100

42 25.2

71 35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

Instrument :

BNA\_E

ClientSampleId :

BPSI-TT-MW312I-20180918

Tgt Ion: 136 Resp: 3003

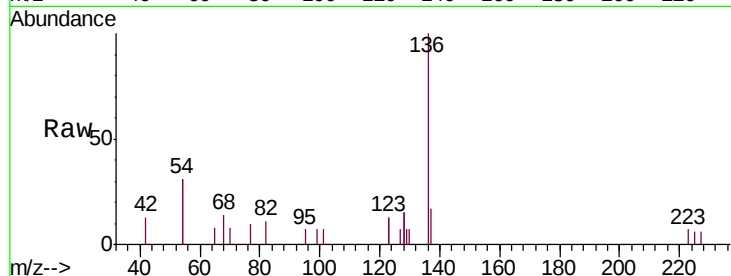
Ion Ratio Lower Upper

136 100

137 16.8 9.5 14.3#

54 62.5 29.1 43.7#

68 14.0 6.2 9.2#

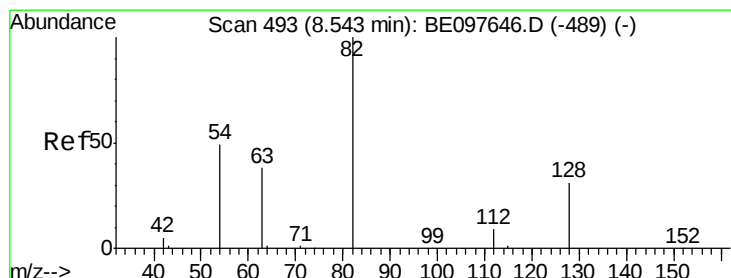
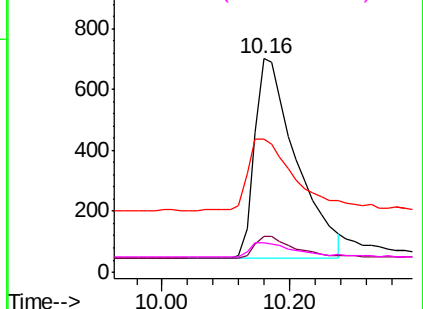
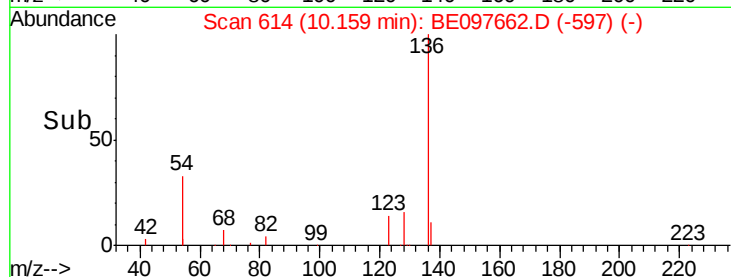


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.321 ng

RT: 8.60 min Scan# 498

Delta R.T. 0.06 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

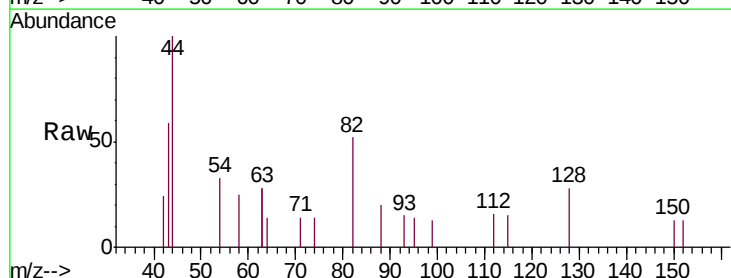
Tgt Ion: 82 Resp: 561

Ion Ratio Lower Upper

82 100

128 53.2 24.0 36.0#

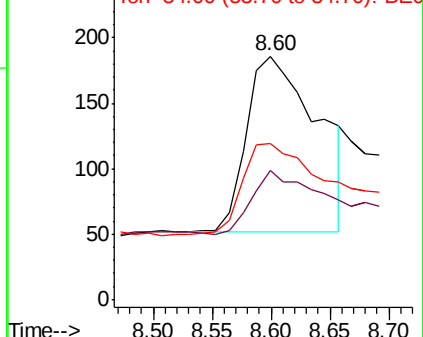
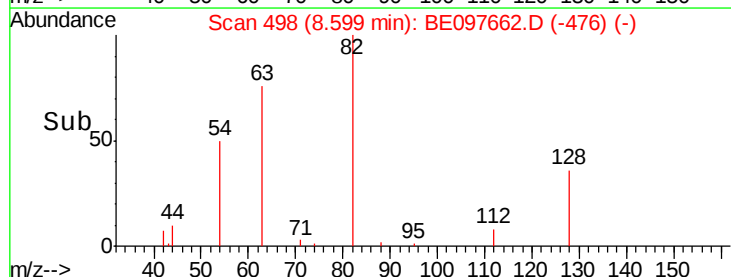
54 64.0 40.0 60.0#

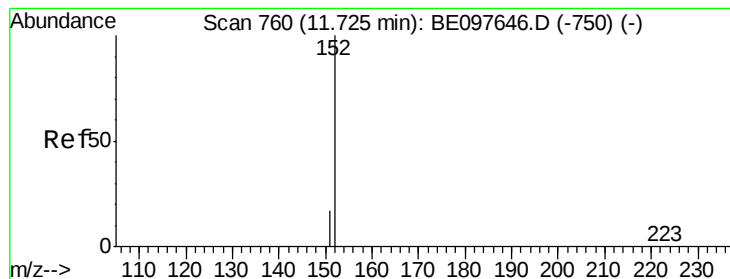


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.478 ng

RT: 11.76 min Scan# 767

Delta R.T. 0.03 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

Instrument :

BNA\_E

ClientSampleId :

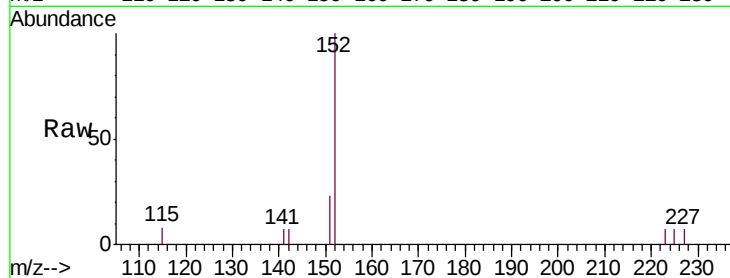
BPSI-TT-MW312I-20180918

Tgt Ion:152 Resp: 2125

Ion Ratio Lower Upper

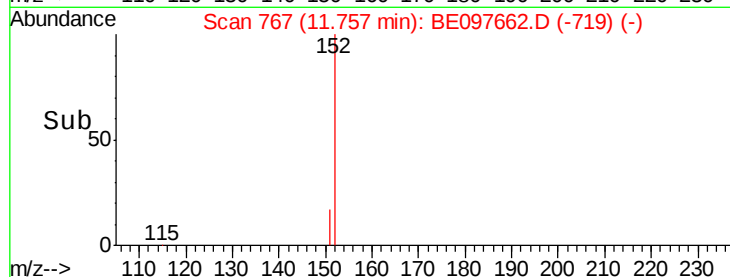
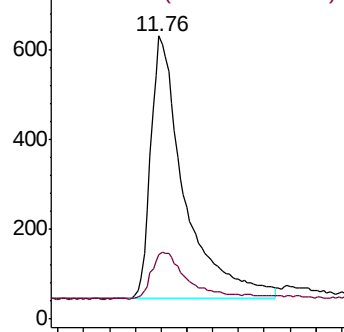
152 100

151 18.8 15.4 23.0

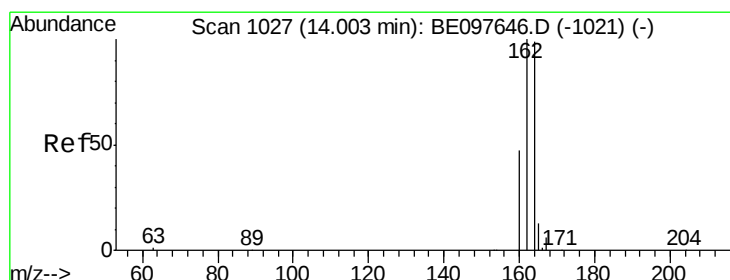


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

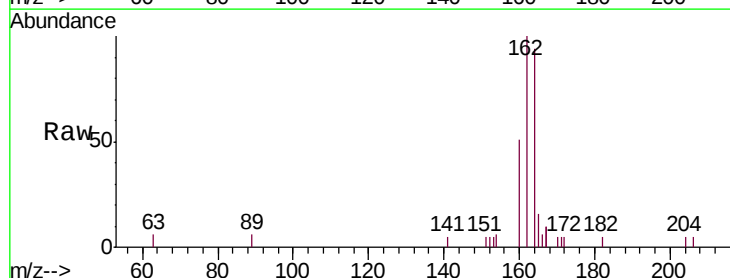
Tgt Ion:164 Resp: 2019

Ion Ratio Lower Upper

164 100

162 105.9 83.1 124.7

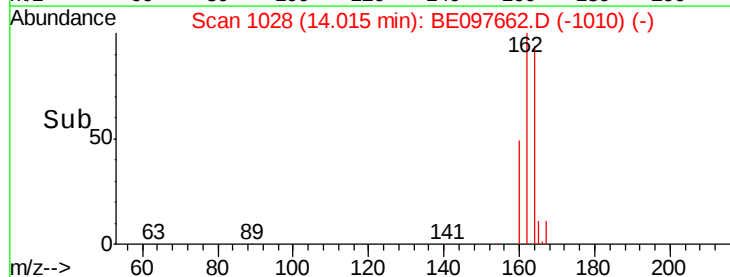
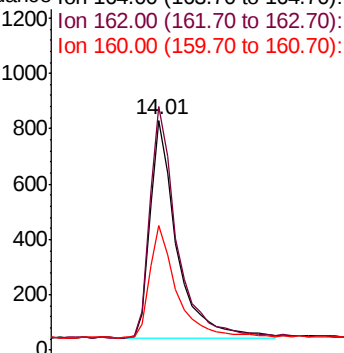
160 54.3 37.1 55.7



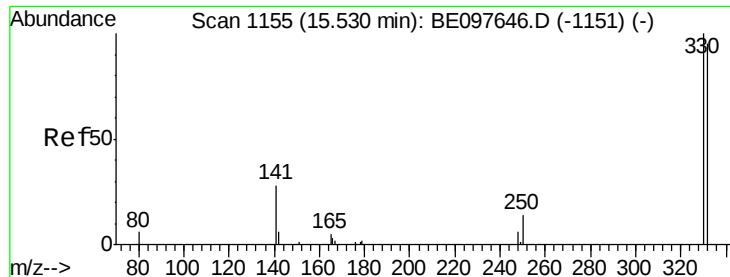
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



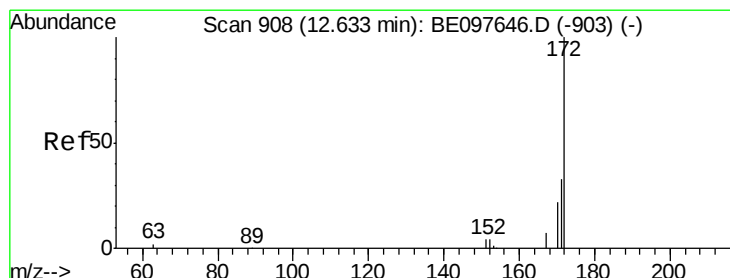
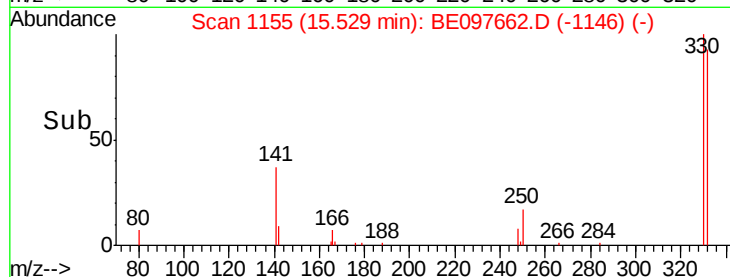
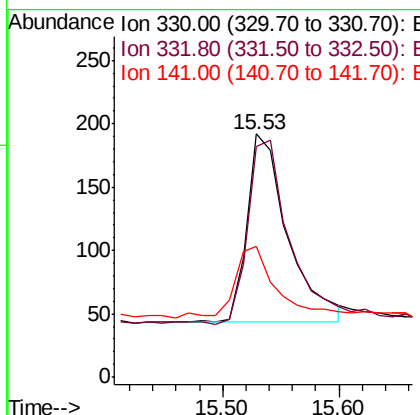
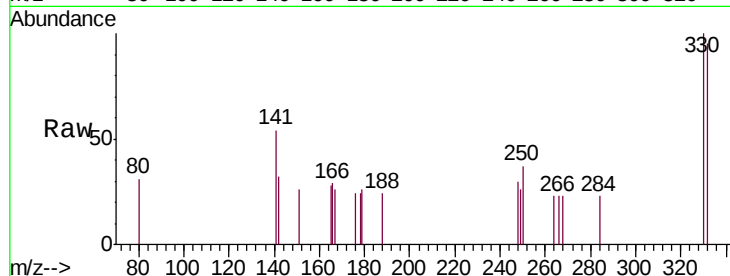
Time-->



#14  
 2,4,6-Tribromophenol  
 Concen: 0.436 ng  
 RT: 15.53 min Scan# 1155  
 Delta R.T. -0.00 min  
 Lab File: BE097662.D  
 Acq: 25 Sep 2018 17:53

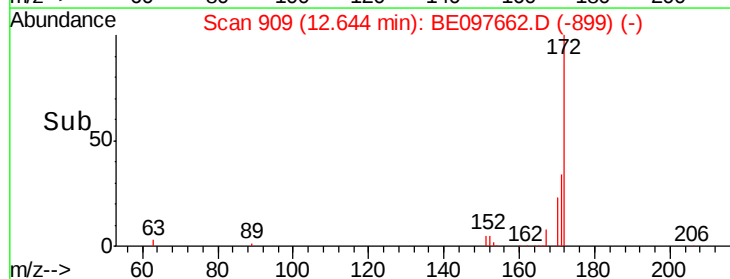
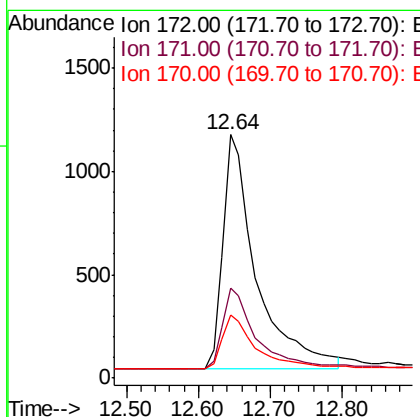
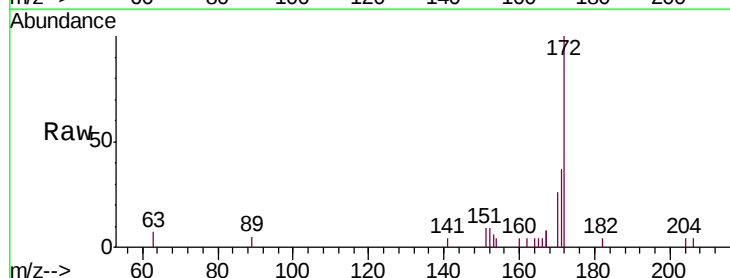
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPSI-TT-MW312I-20180918

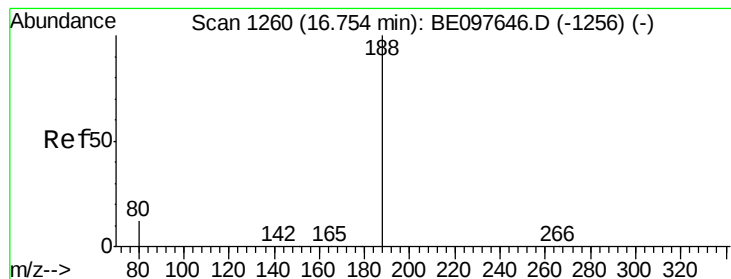
Tgt Ion: 330 Resp: 359  
 Ion Ratio Lower Upper  
 330 100  
 332 101.9 152.7 229.1#  
 141 34.5 33.7 50.5



#15  
 2-Fluorobiphenyl  
 Concen: 0.555 ng  
 RT: 12.64 min Scan# 909  
 Delta R.T. 0.01 min  
 Lab File: BE097662.D  
 Acq: 25 Sep 2018 17:53

Tgt Ion: 172 Resp: 3660  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.9 44.9  
 170 26.0 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

Instrument :

BNA\_E

ClientSampleId :

BPSI-TT-MW312I-20180918

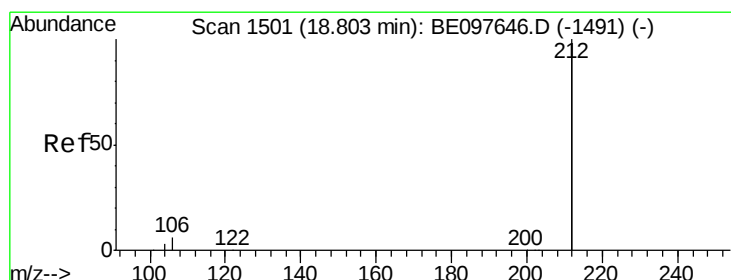
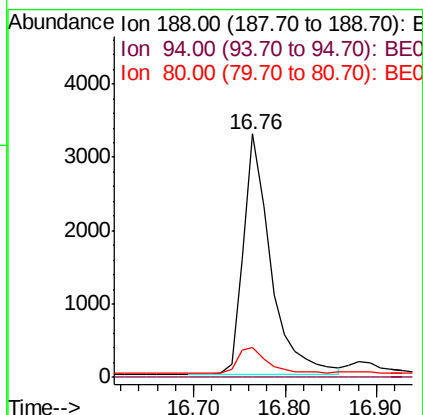
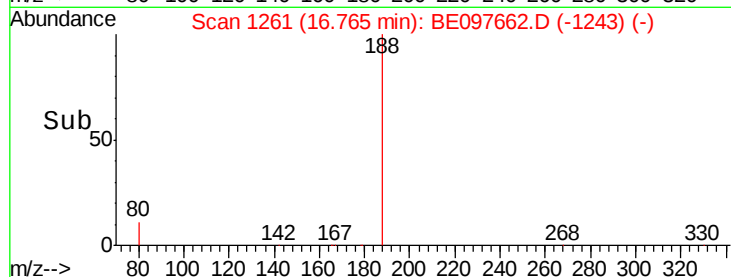
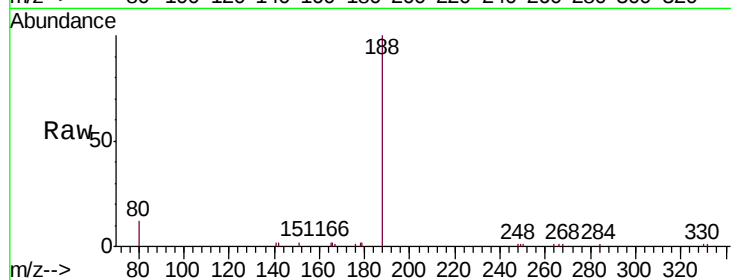
Tgt Ion:188 Resp: 6777

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.2 3.6 5.4#



#25

Fluoranthene-d10

Concen: 0.562 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

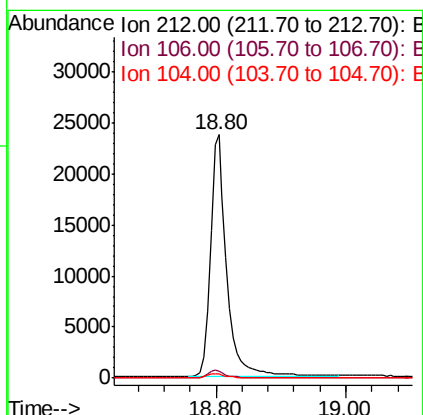
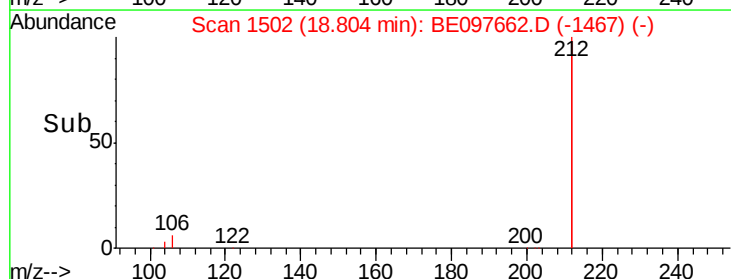
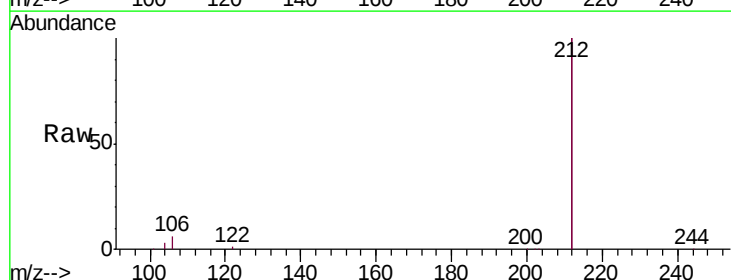
Tgt Ion:212 Resp: 41487

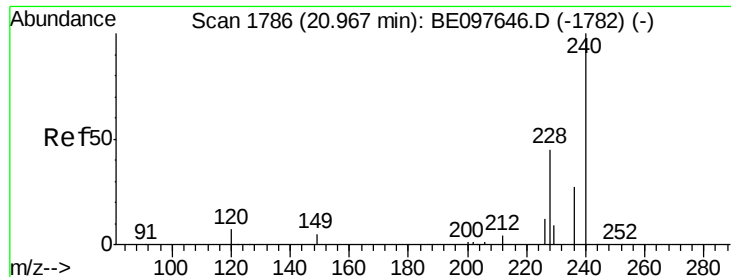
Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

104 1.8 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

Instrument :

BNA\_E

ClientSampleId :

BPSI-TT-MW312I-20180918

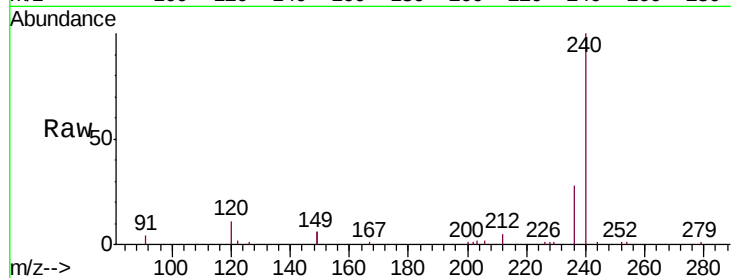
Tgt Ion:240 Resp: 8518

Ion Ratio Lower Upper

240 100

120 10.8 5.5 8.3#

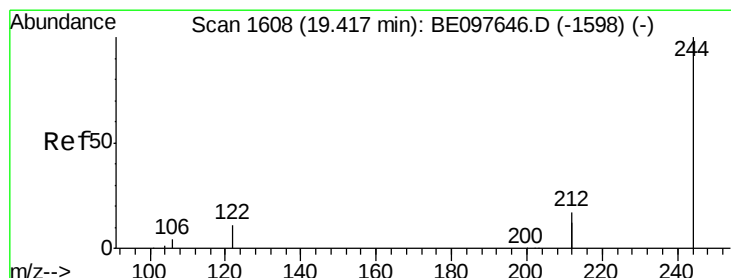
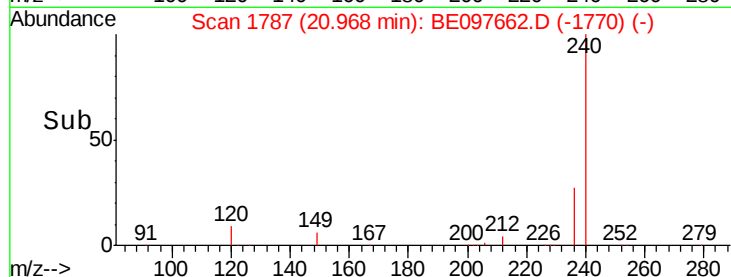
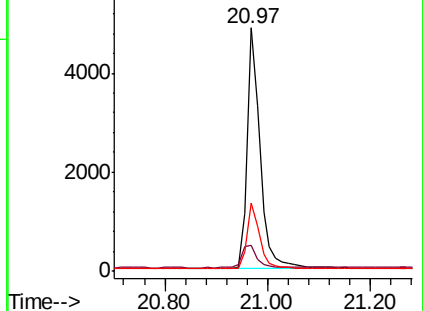
236 28.0 20.7 31.1



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: 0.473 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097662.D

Acq: 25 Sep 2018 17:53

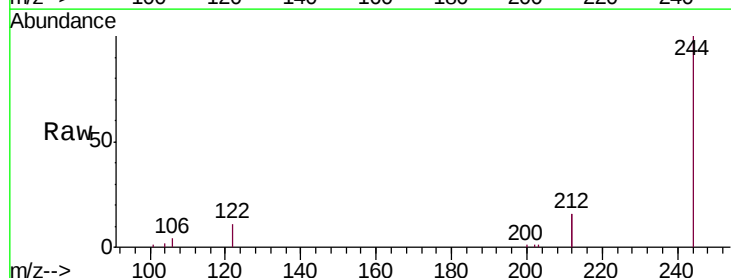
Tgt Ion:244 Resp: 7930

Ion Ratio Lower Upper

244 100

212 31.5 25.4 38.0

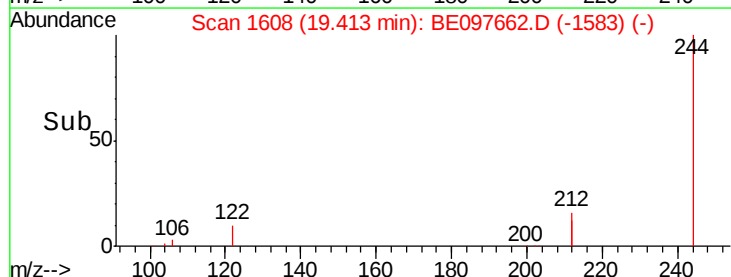
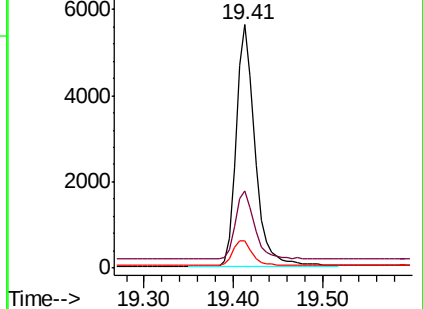
122 11.2 8.1 12.1

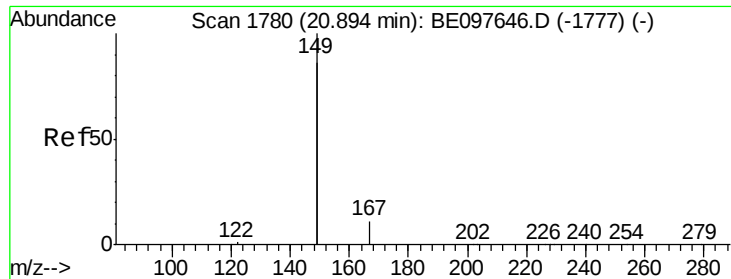


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

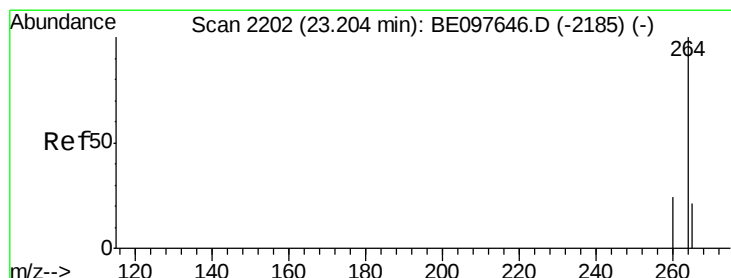
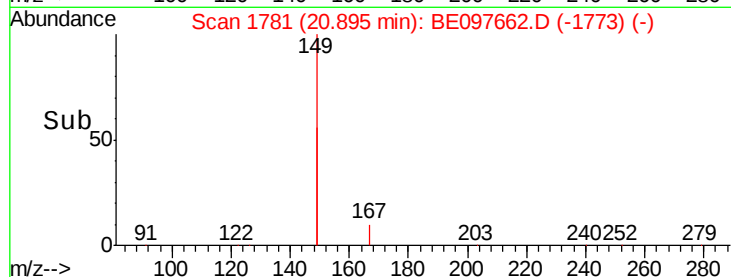
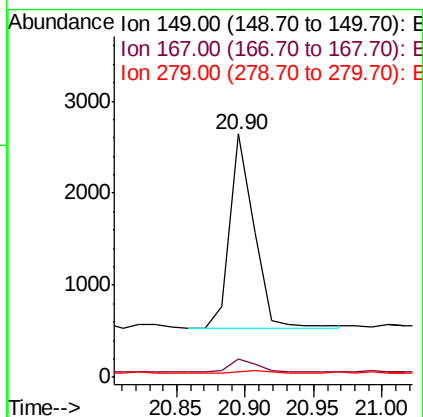
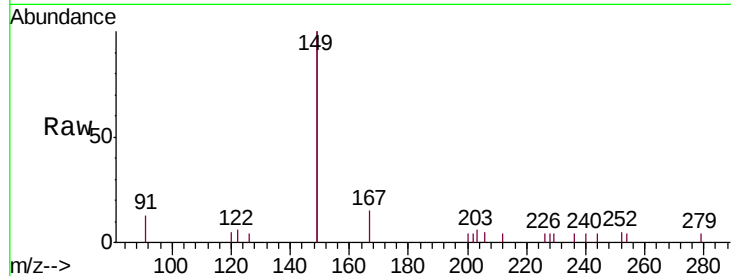




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.115 ng  
 RT: 20.90 min Scan# 1781  
 Delta R.T. 0.00 min  
 Lab File: BE097662.D  
 Acq: 25 Sep 2018 17:53

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPSI-TT-MW312I-20180918

Tgt Ion:149 Resp: 2644  
 Ion Ratio Lower Upper  
 149 100  
 167 7.1 5.4 8.0  
 279 1.2 0.7 1.1#



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.21 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: BE097662.D  
 Acq: 25 Sep 2018 17:53

Tgt Ion:264 Resp: 7932  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 20.5 30.7  
 265 27.8 22.8 34.2

