

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\  
 Data File : BE100021.D  
 Acq On : 14 Jun 2019 13:55  
 Operator : JU/SJ  
 Sample : K3284-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW306D-20190609

Quant Time: Jun 15 01:40:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 14:57:20 2019  
 Response via : Initial Calibration

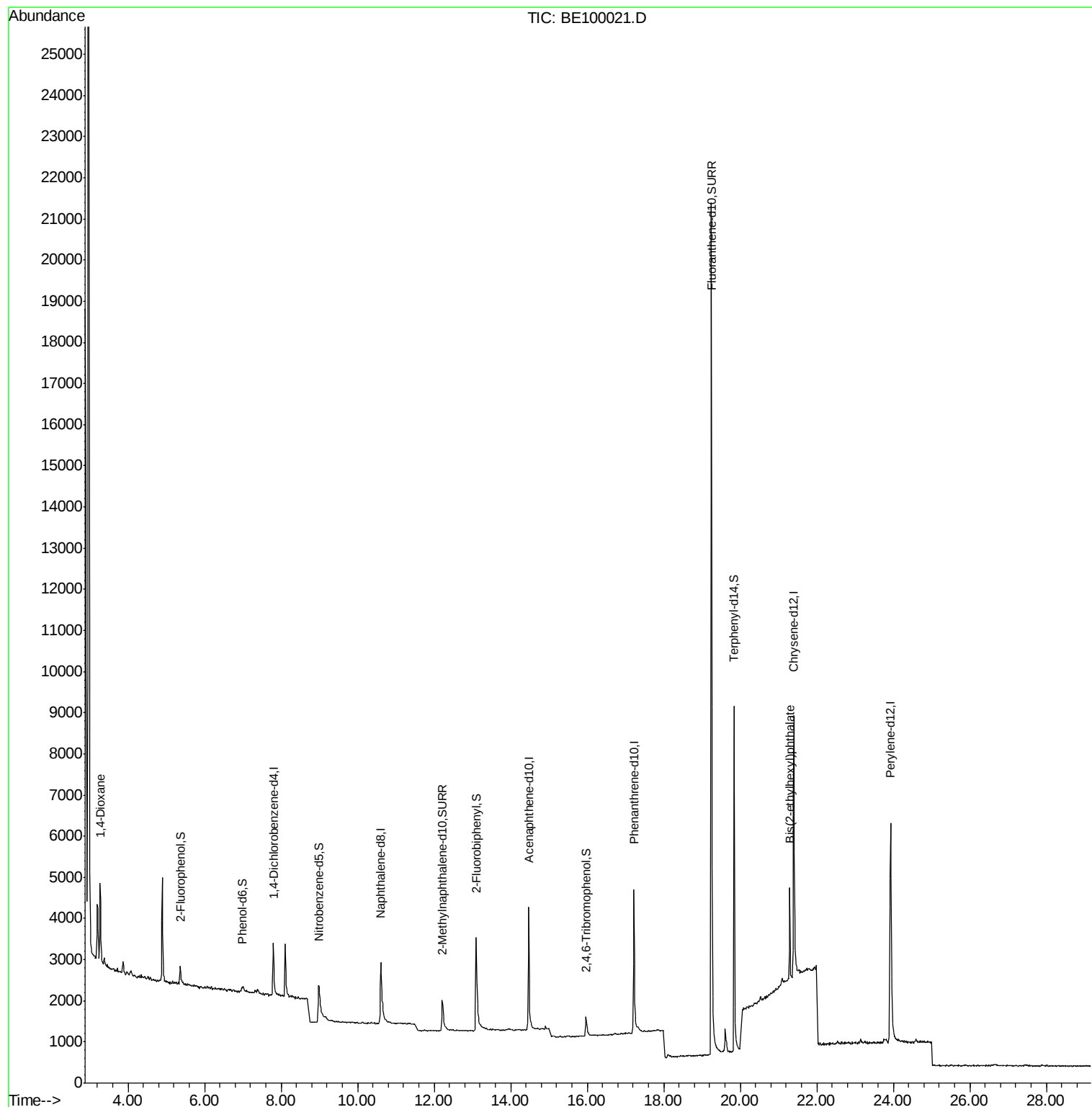
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.79  | 152  | 871      | 0.40  | ng    | 0.00      |
| 7) Naphthalene-d8              | 10.60 | 136  | 3181     | 0.40  | ng    | 0.00      |
| 13) Acenaphthene-d10           | 14.47 | 164  | 2407     | 0.40  | ng    | 0.00      |
| 19) Phenanthrene-d10           | 17.22 | 188  | 7223     | 0.40  | ng    | 0.00      |
| 27) Chrysene-d12               | 21.40 | 240  | 9170     | 0.40  | ng    | 0.00      |
| 34) Perylene-d12               | 23.93 | 264  | 10484    | 0.40  | ng    | 0.00      |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 4) 2-Fluorophenol              | 5.36  | 112  | 362      | 0.15  | ng    | 0.00      |
| 5) Phenol-d6                   | 6.98  | 99   | 292      | 0.10  | ng    | 0.00      |
| 8) Nitrobenzene-d5             | 8.98  | 82   | 1081     | 0.36  | ng    | 0.01      |
| 11) 2-Methylnaphthalene-d10    | 12.21 | 152  | 1875     | 0.34  | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol       | 15.97 | 330  | 543      | 0.31  | ng    | 0.00      |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 4320     | 0.47  | ng    | 0.00      |
| 25) Fluoranthene-d10           | 19.25 | 212  | 35119    | 0.33  | ng    | 0.00      |
| 29) Terphenyl-d14              | 19.84 | 244  | 9339     | 0.57  | ng    | 0.00      |
| Target Compounds               |       |      |          |       |       |           |
| 2) 1,4-Dioxane                 | 3.27  | 88   | 1798     | 1.395 | ng    | Qvalue 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 2668     | 0.068 | ng    | # 98      |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\  
Data File : BE100021.D  
Acq On : 14 Jun 2019 13:55  
Operator : JU/SJ  
Sample : K3284-09  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW306D-20190609

Quant Time: Jun 15 01:40:03 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 14:57:20 2019  
Response via : Initial Calibration



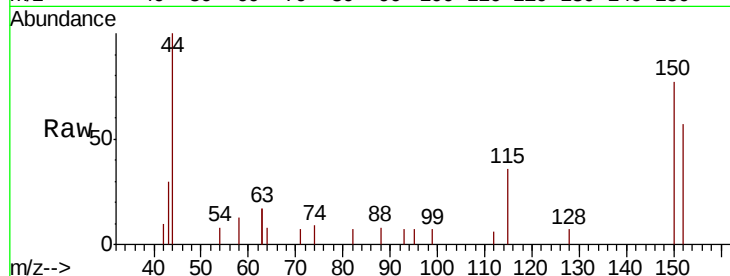


#1

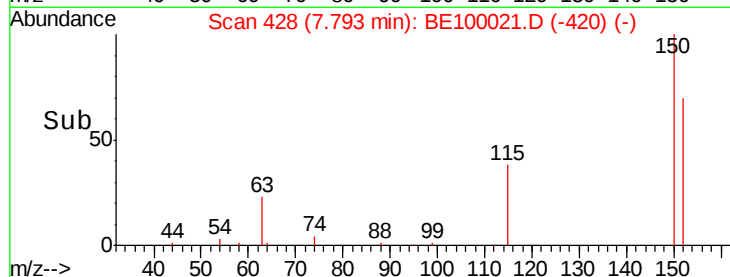
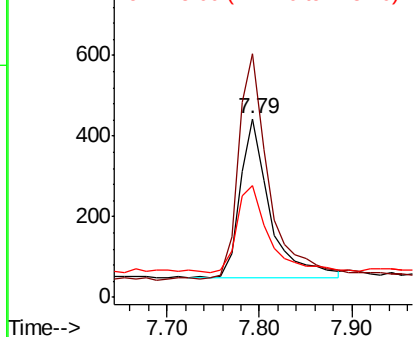
1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.79 min Scan# 428  
 Delta R.T. -0.00 min  
 Lab File: BE100021.D  
 Acq: 14 Jun 2019 13:55

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW306D-20190609

Tot Ion:152 Resp: 871  
 Ion Ratio Lower Upper  
 152 100  
 150 136.3 111.0 166.6  
 115 63.0 50.7 76.1



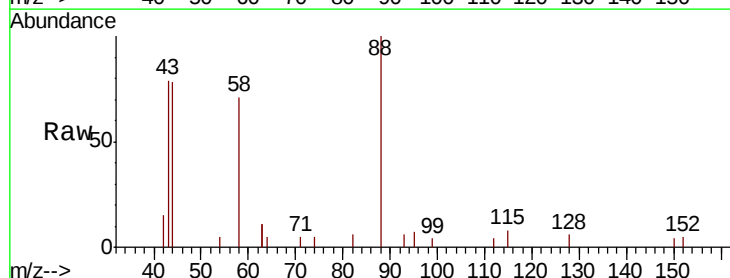
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



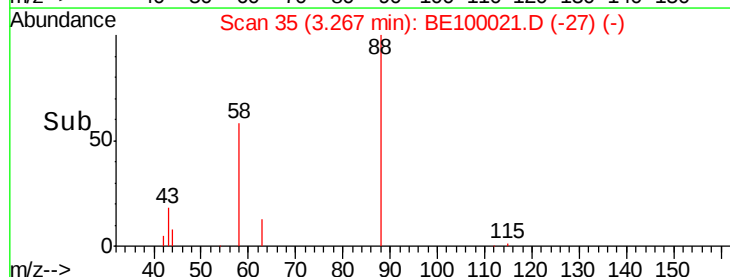
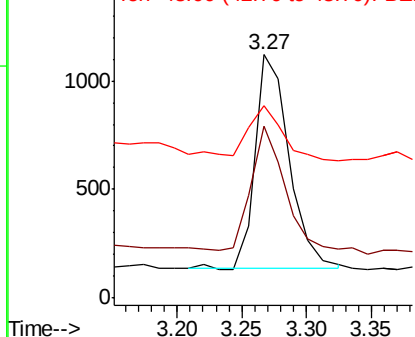
#2

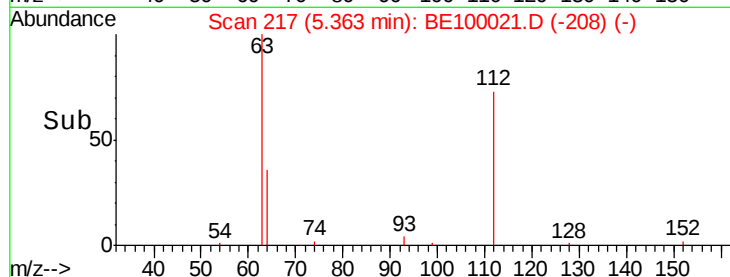
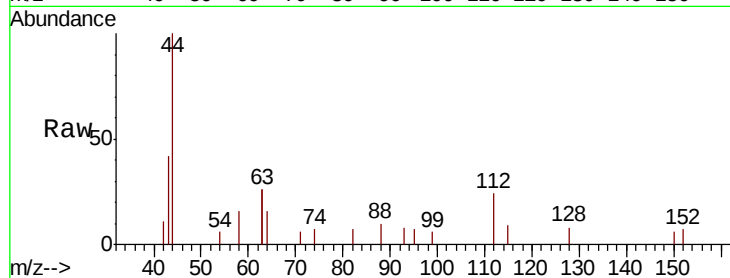
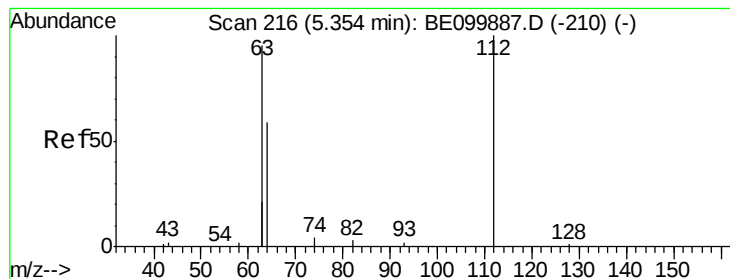
1,4-Dioxane  
 Concen: 1.395 ng  
 RT: 3.27 min Scan# 35  
 Delta R.T. -0.00 min  
 Lab File: BE100021.D  
 Acq: 14 Jun 2019 13:55

Tgt Ion: 88 Resp: 1798  
 Ion Ratio Lower Upper  
 88 100  
 58 56.2 48.8 73.2  
 43 25.5 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BE1  
 Ion 58.00 (57.70 to 58.70): BE1  
 Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW306D-20190609

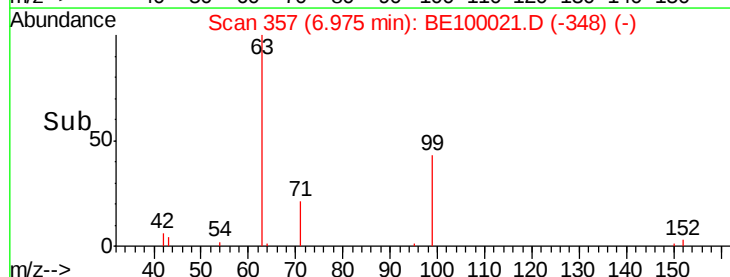
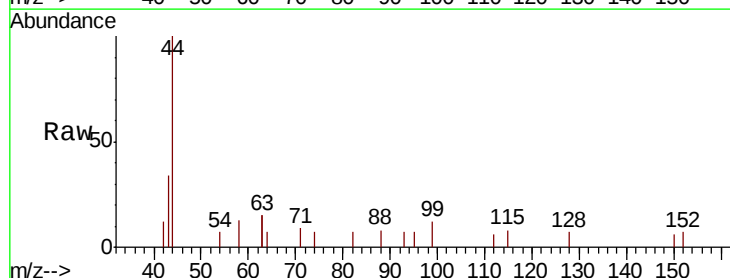
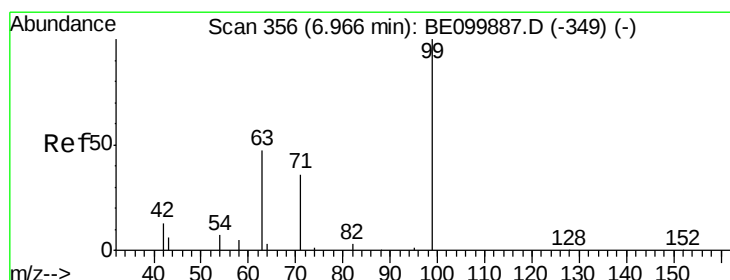
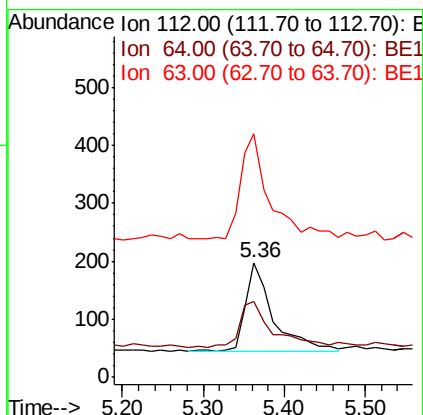
Tot Ion: 112 Resp: 362

Ion Ratio Lower Upper

112 100

64 59.9 44.1 66.1

63 120.2 87.8 131.6



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

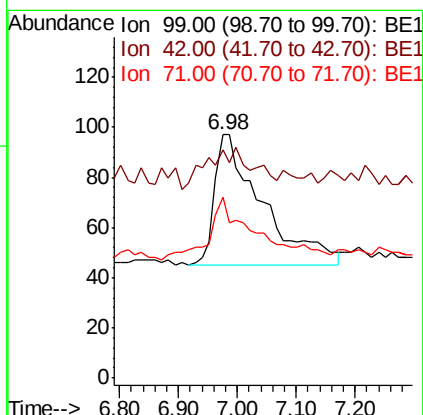
Tgt Ion: 99 Resp: 292

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 35.6 34.6 52.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW306D-20190609

Tot Ion:136 Resp: 3181

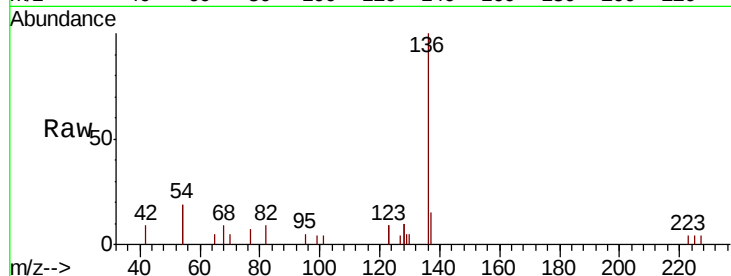
Ion Ratio Lower Upper

136 100

137 14.6 12.3 18.5

54 38.9 28.2 42.4

68 9.4 7.8 11.8

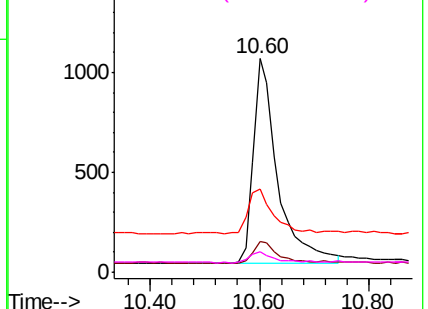
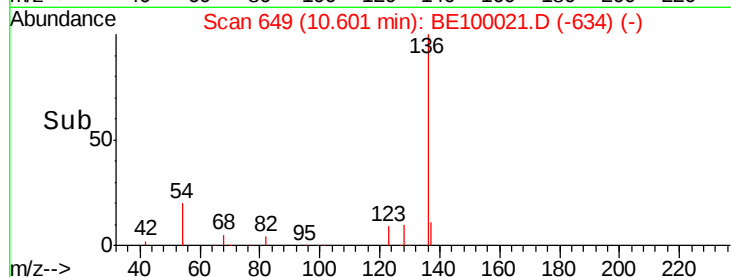


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

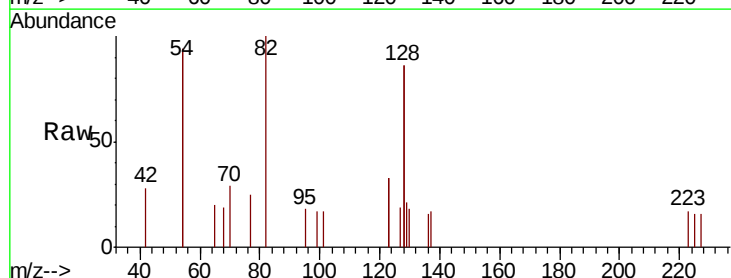
Tgt Ion: 82 Resp: 1081

Ion Ratio Lower Upper

82 100

128 172.5 137.3 205.9

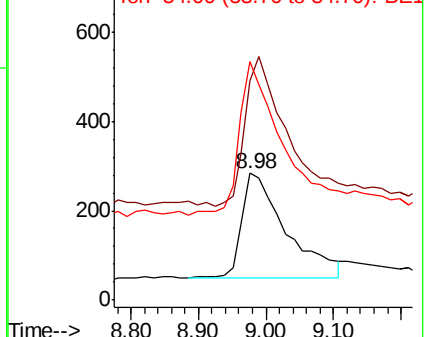
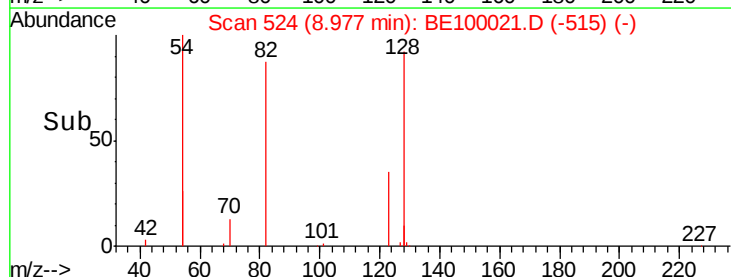
54 187.3 129.7 194.5

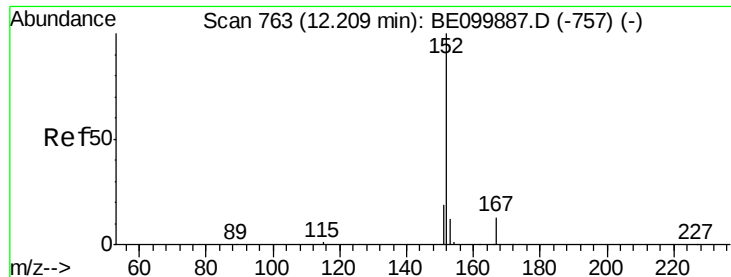


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

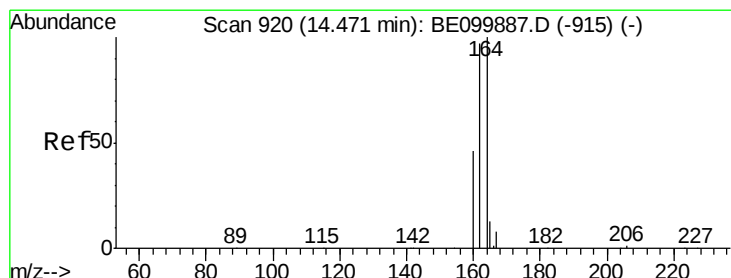
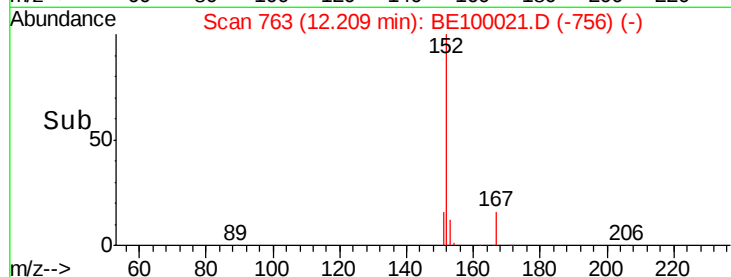
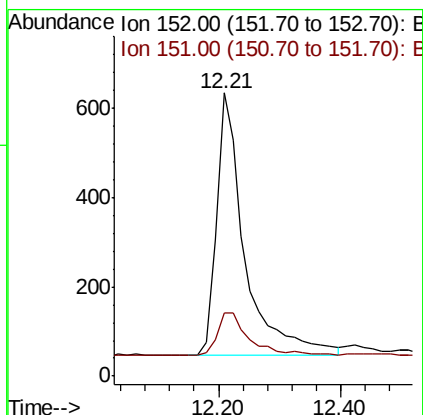
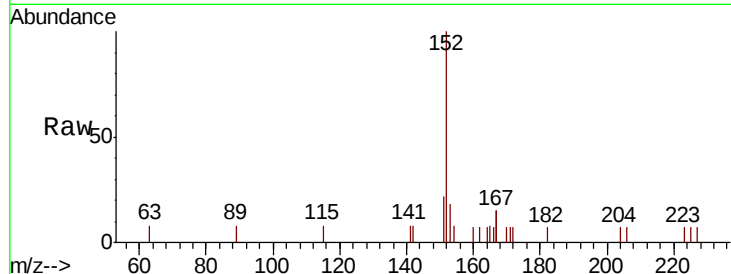




#11  
2-Methylnaphthalene-d10  
Concen: 0.338 ng  
RT: 12.21 min Scan# 763  
Delta R.T. 0.00 min  
Lab File: BE100021.D  
Acq: 14 Jun 2019 13:55

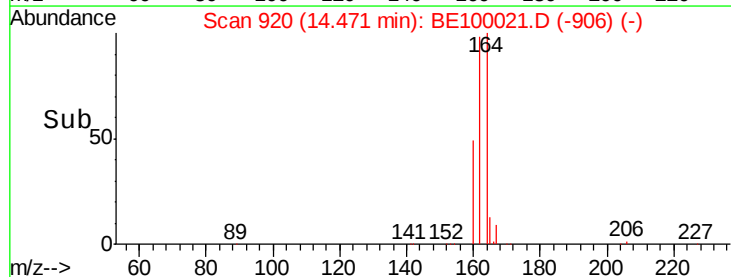
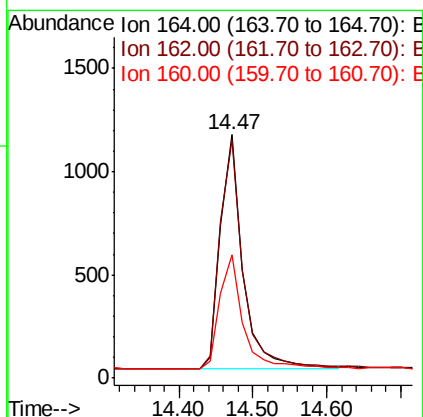
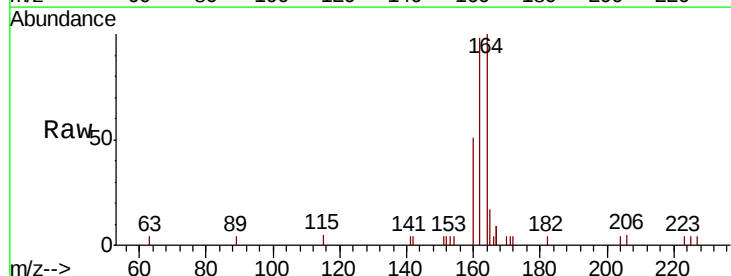
Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW306D-20190609

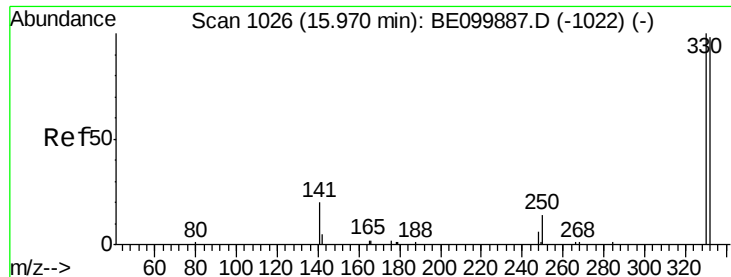
Tot Ion:152 Resp: 1875  
Ion Ratio Lower Upper  
152 100  
151 18.8 15.2 22.8



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.47 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BE100021.D  
Acq: 14 Jun 2019 13:55

Tgt Ion:164 Resp: 2407  
Ion Ratio Lower Upper  
164 100  
162 97.8 77.8 116.8  
160 50.9 38.2 57.4

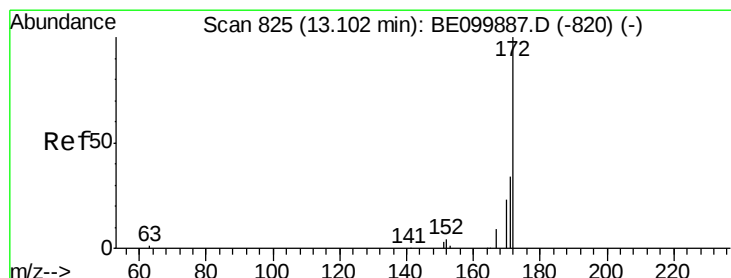
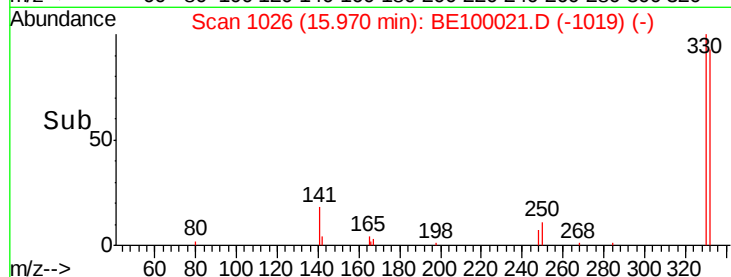
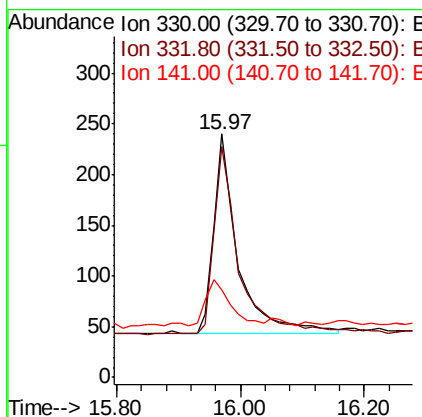
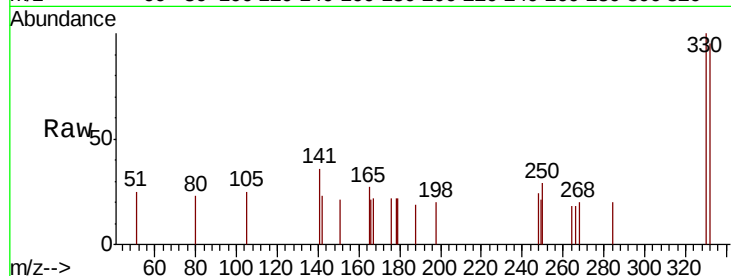




#14  
 2,4,6-Tribromophenol  
 Concen: 0.305 ng  
 RT: 15.97 min Scan# 1026  
 Delta R.T. 0.00 min  
 Lab File: BE100021.D  
 Acq: 14 Jun 2019 13:55

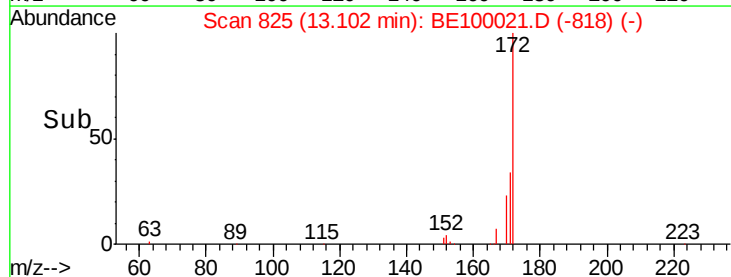
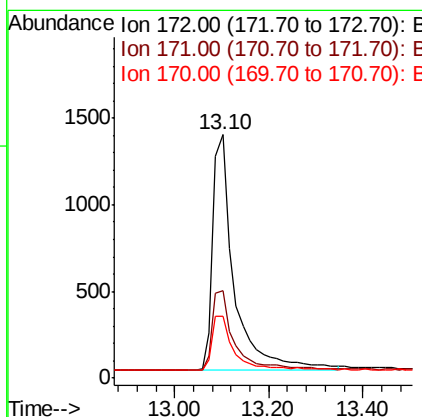
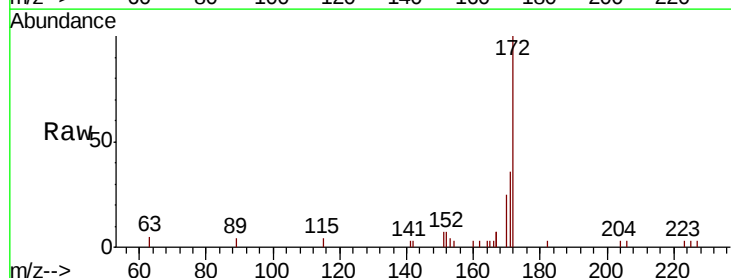
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW306D-20190609

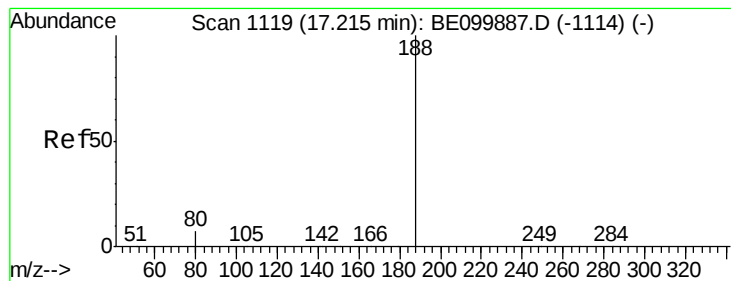
Tot Ion:330 Resp: 543  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 76.7 115.1  
 141 22.5 21.0 31.6



#15  
 2-Fluorobiphenyl  
 Concen: 0.473 ng  
 RT: 13.10 min Scan# 825  
 Delta R.T. 0.00 min  
 Lab File: BE100021.D  
 Acq: 14 Jun 2019 13:55

Tgt Ion:172 Resp: 4320  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.2 43.8  
 170 25.3 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW306D-20190609

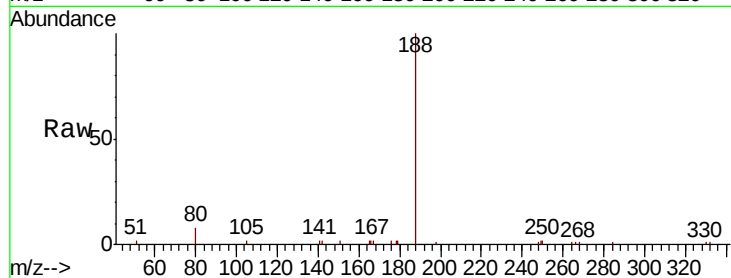
Tot Ion:188 Resp: 7223

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

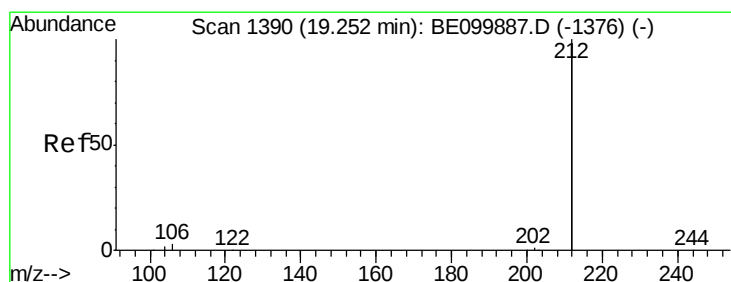
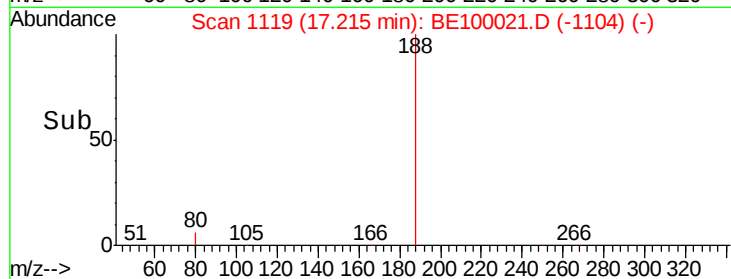
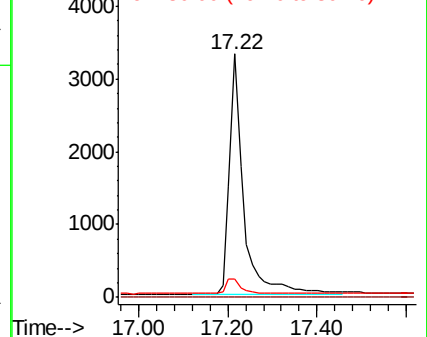
80 7.5 6.4 9.6



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: 0.334 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE100021.D

Acq: 14 Jun 2019 13:55

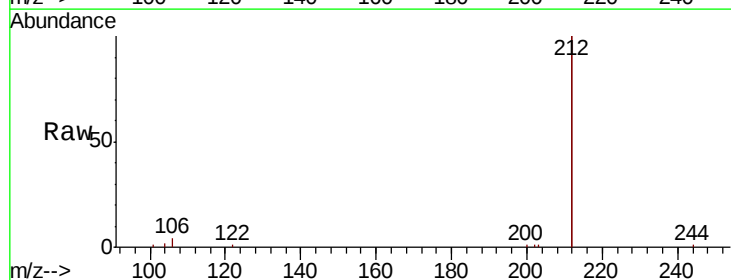
Tgt Ion:212 Resp: 35119

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

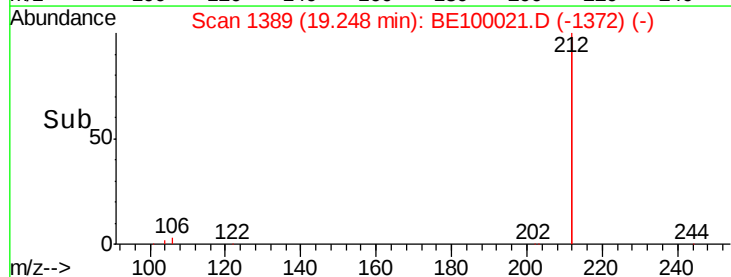
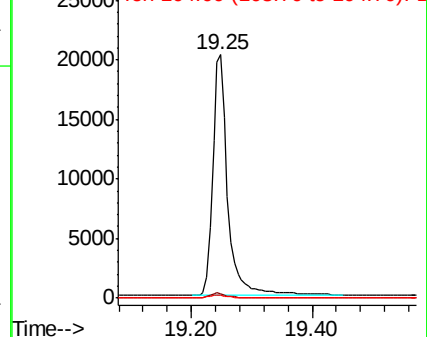
104 0.9 0.9 1.3

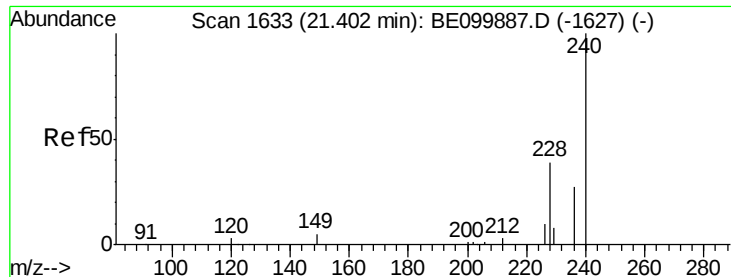


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

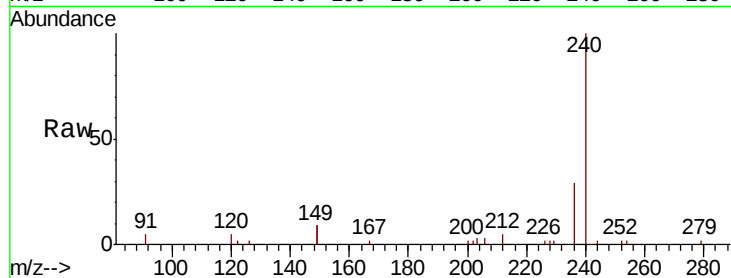




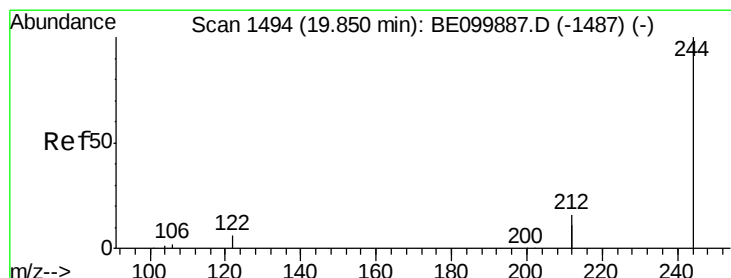
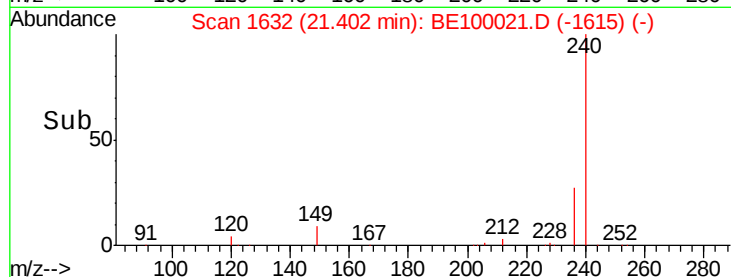
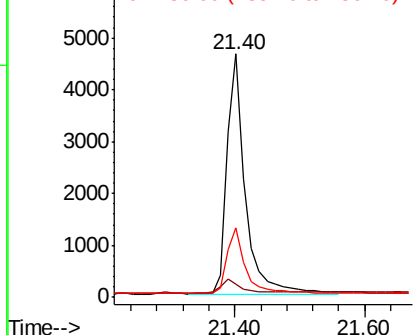
#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.40 min Scan# 1632  
Delta R.T. -0.00 min  
Lab File: BE100021.D  
Acq: 14 Jun 2019 13:55

Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW306D-20190609

Tot Ion:240 Resp: 9170  
Ion Ratio Lower Upper  
240 100  
120 5.4 3.8 5.6  
236 28.5 22.0 33.0

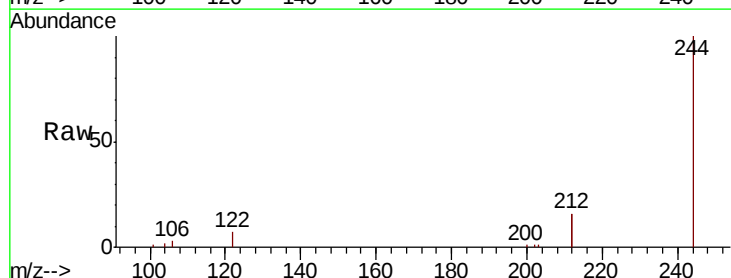


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

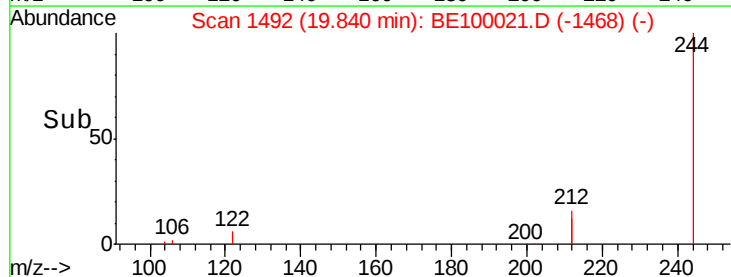
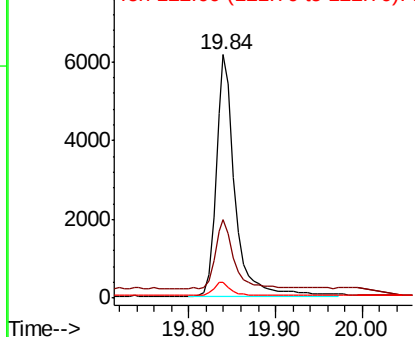


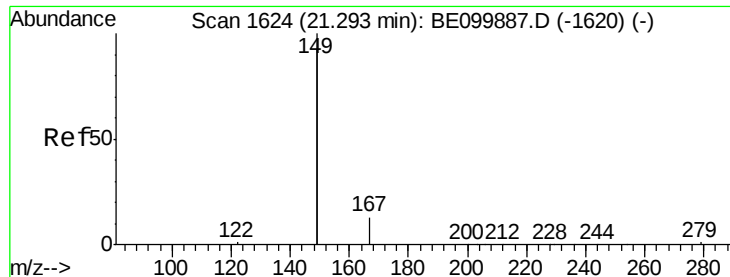
#29  
Terphenyl-d14  
Concen: 0.566 ng  
RT: 19.84 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: BE100021.D  
Acq: 14 Jun 2019 13:55

Tgt Ion:244 Resp: 9339  
Ion Ratio Lower Upper  
244 100  
212 32.3 25.7 38.5  
122 6.5 5.5 8.3



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

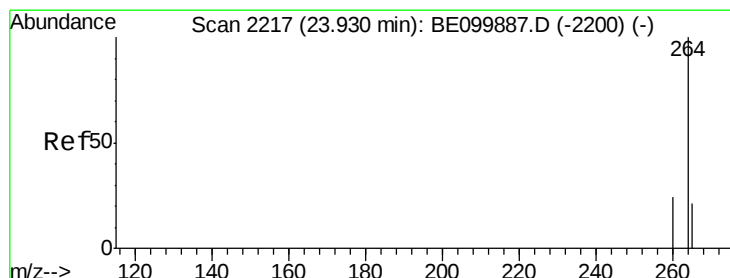
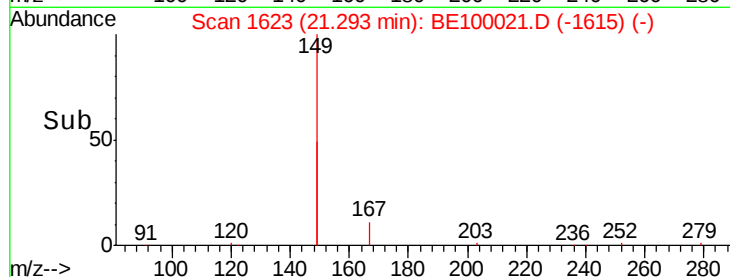
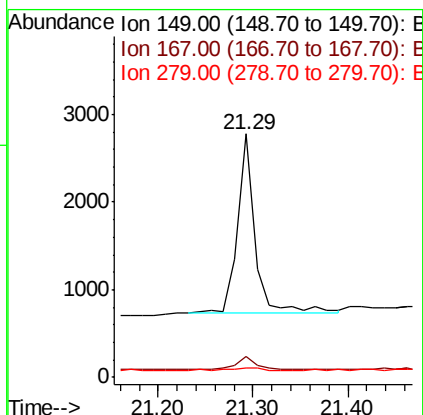
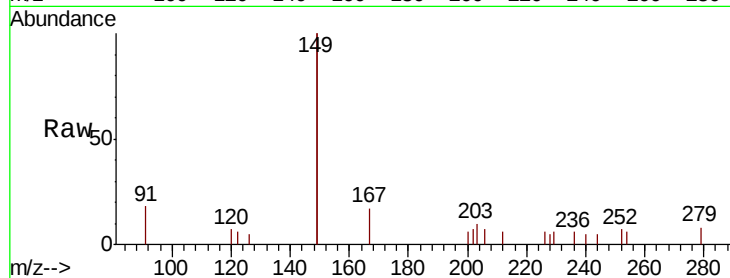




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.068 ng  
 RT: 21.29 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BE100021.D  
 Acq: 14 Jun 2019 13:55

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW306D-20190609

Tot Ion:149 Resp: 2668  
 Ion Ratio Lower Upper  
 149 100  
 167 8.1 5.9 8.9  
 279 2.0 1.2 1.8#



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.93 min Scan# 2216  
 Delta R.T. -0.00 min  
 Lab File: BE100021.D  
 Acq: 14 Jun 2019 13:55

Tgt Ion:264 Resp: 10484  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 20.2 30.2  
 265 32.5 22.0 33.0

