

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\  
 Data File : BE099842.D  
 Acq On : 7 Jun 2019 3:27  
 Operator : JU/SJ  
 Sample : K3221-16  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW313S-20190605

Quant Time: Jun 07 05:19:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 05 14:35:58 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 1016     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.61 | 136  | 3998     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.49 | 164  | 3165     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 17.23 | 188  | 8677     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.43 | 240  | 11461    | 0.40 | ng    | 0.01     |
| 34) Perylene-d12          | 23.97 | 264  | 12378    | 0.40 | ng    | 0.03     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.37  | 112  | 483      | 0.20 | ng    | 0.01     |
| 5) Phenol-d6                | 6.97  | 99   | 404      | 0.13 | ng    | 0.01     |
| 8) Nitrobenzene-d5          | 8.98  | 82   | 1330     | 0.38 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152  | 2805     | 0.41 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.98 | 330  | 982      | 0.54 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.10 | 172  | 4368     | 0.37 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.27 | 212  | 43939    | 0.34 | ng    | 0.01     |
| 29) Terphenyl-d14           | 19.86 | 244  | 10375    | 0.55 | ng    | 0.00     |

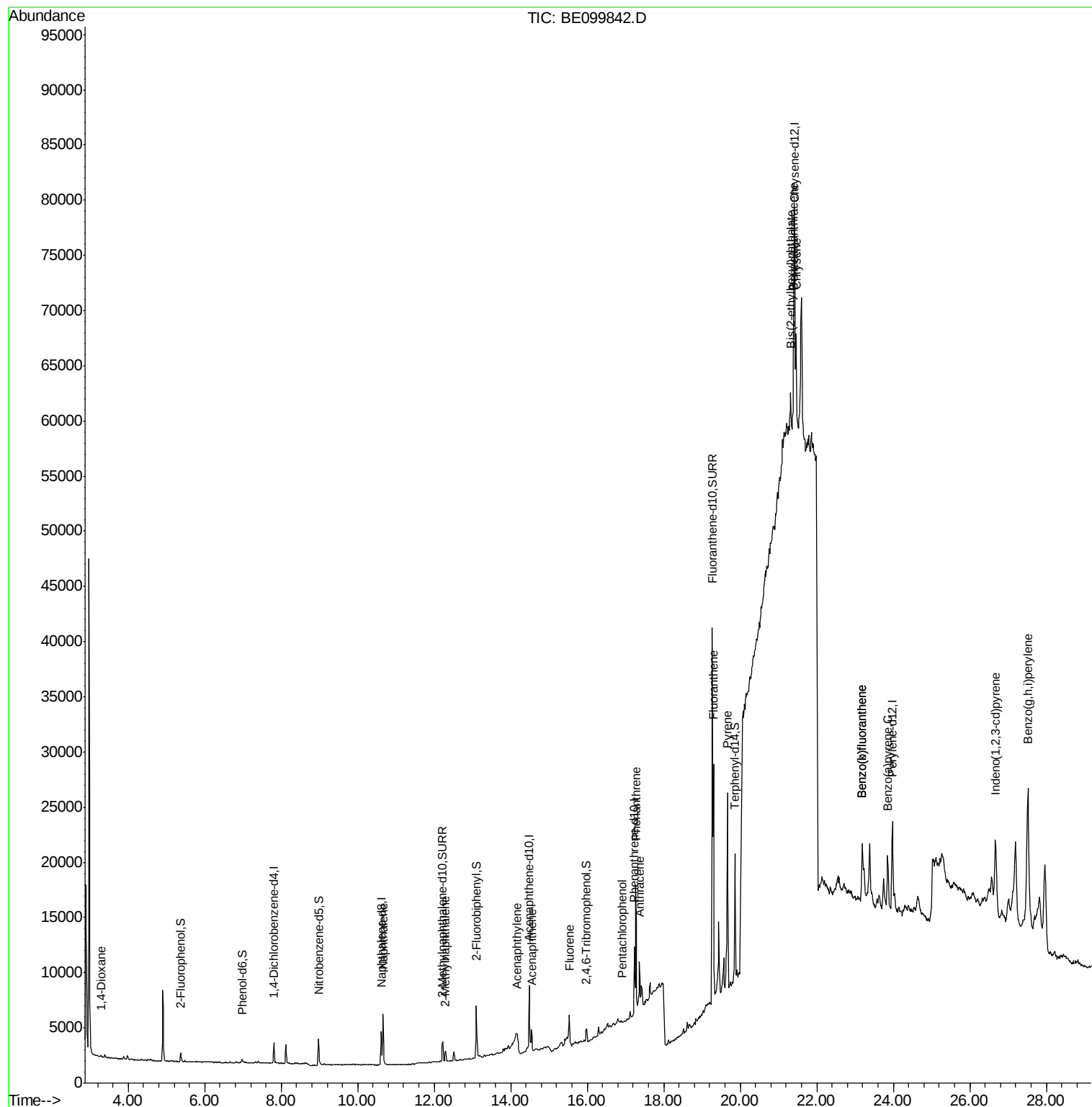
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.29  | 88   | 93       | 0.063 | ng    | # 1    |
| 9) Naphthalene                 | 10.67 | 128  | 7937     | 0.186 | ng    | # 98   |
| 12) 2-Methylnaphthalene        | 12.30 | 142  | 687      | 0.101 | ng    | # 95   |
| 16) Acenaphthylene             | 14.15 | 152  | 10085    | 0.660 | ng    | # 97   |
| 17) Acenaphthene               | 14.54 | 154  | 1463     | 0.175 | ng    | # 90   |
| 18) Fluorene                   | 15.53 | 166  | 4802     | 0.390 | ng    | # 70   |
| 22) Pentachlorophenol          | 16.91 | 266  | 71       | 0.320 | ng    | # 92   |
| 23) Phenanthrene               | 17.27 | 178  | 13560    | 0.655 | ng    | # 96   |
| 24) Anthracene                 | 17.36 | 178  | 3962     | 0.212 | ng    | # 78   |
| 26) Fluoranthene               | 19.30 | 202  | 19702    | 0.543 | ng    | # 95   |
| 28) Pvrene                     | 19.66 | 202  | 17734    | 0.641 | ng    | # 83   |
| 30) Benzo(a)anthracene         | 21.40 | 228  | 12003    | 0.379 | ng    | # 13   |
| 31) Chrysene                   | 21.46 | 228  | 8118     | 0.232 | ng    | # 38   |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 5942     | 0.163 | ng    | # 94   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.67 | 276  | 18305    | 0.437 | ng    | # 93   |
| 35) Benzo(b)fluoranthene       | 23.19 | 252  | 10828    | 0.316 | ng    | # 12   |
| 36) Benzo(k)fluoranthene       | 23.19 | 252  | 10828    | 0.298 | ng    | # 12   |
| 37) Benzo(a)pyrene             | 23.86 | 252  | 8806     | 0.265 | ng    | # 19   |
| 39) Benzo(g,h,i)perylene       | 27.52 | 276  | 44412    | 1.251 | ng    | # 77   |

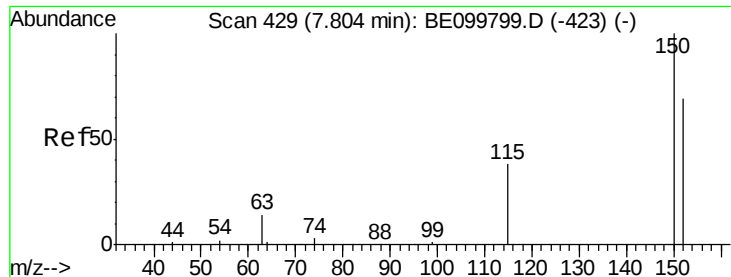
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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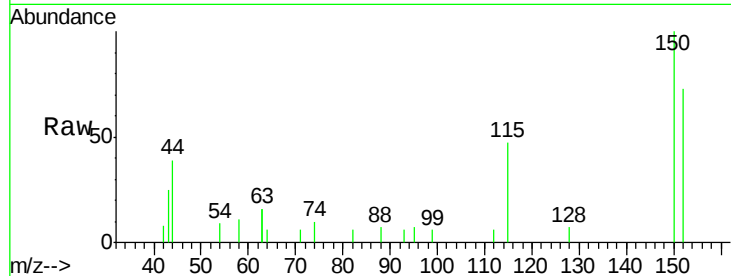


#1

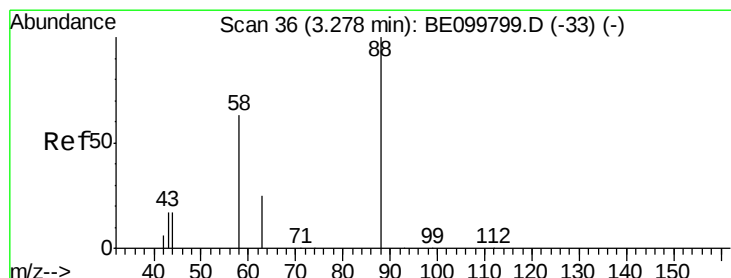
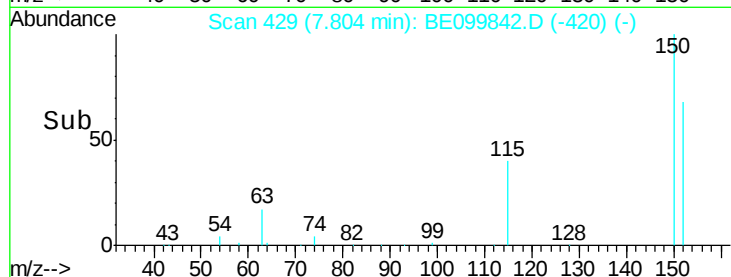
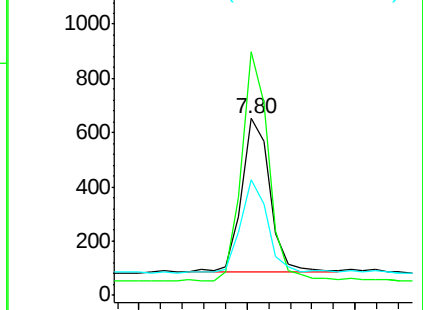
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.80 min Scan# 429  
Delta R.T. -0.00 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW313S-20190605

Tot Ion:152 Resp: 1016  
Ion Ratio Lower Upper  
152 100  
150 137.7 112.8 169.2  
115 65.2 47.6 71.4



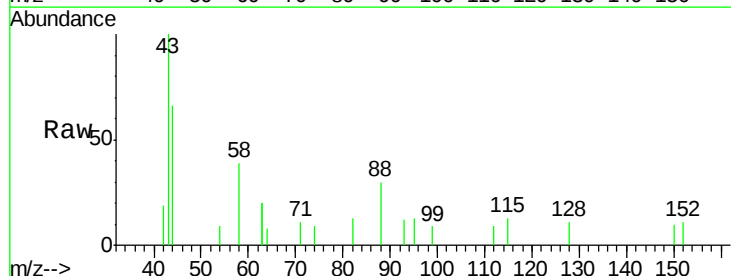
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



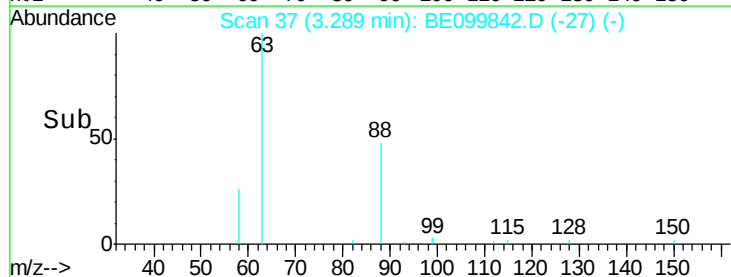
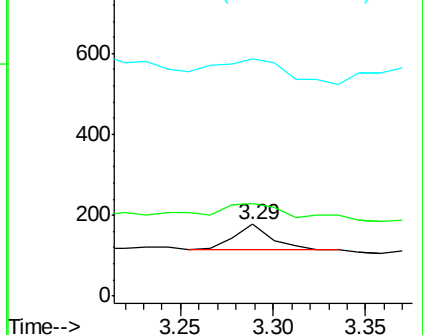
#2

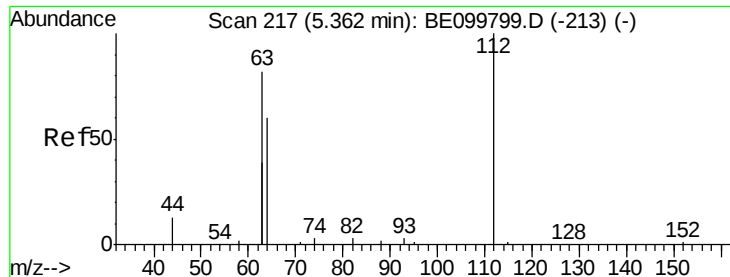
1,4-Dioxane  
Concen: 0.063 ng  
RT: 3.29 min Scan# 37  
Delta R.T. 0.01 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

Tgt Ion: 88 Resp: 93  
Ion Ratio Lower Upper  
88 100  
58 53.8 47.3 70.9  
43 187.1 18.2 27.4#



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: 0.195 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

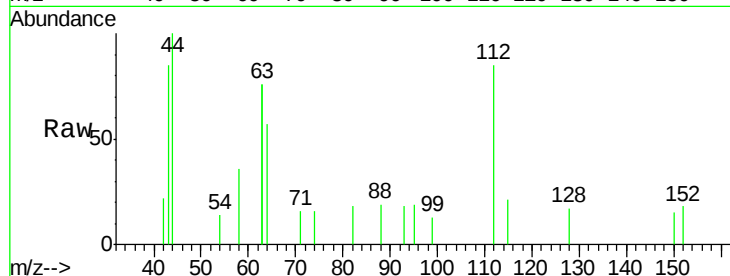
Tot Ion:112 Resp: 483

Ion Ratio Lower Upper

112 100

64 58.0 47.2 70.8

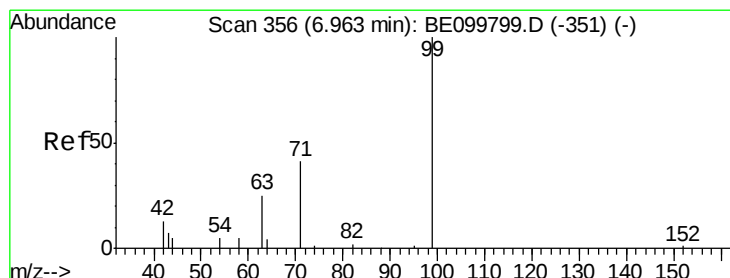
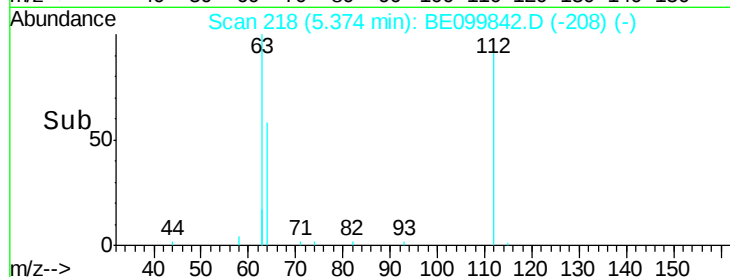
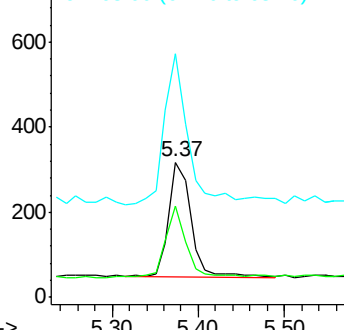
63 139.1 90.7 136.1#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.127 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

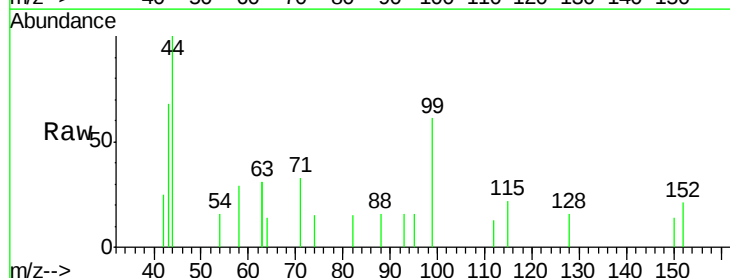
Tgt Ion: 99 Resp: 404

Ion Ratio Lower Upper

99 100

42 12.4 11.0 16.4

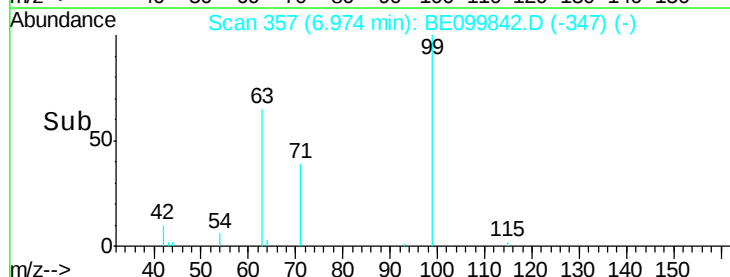
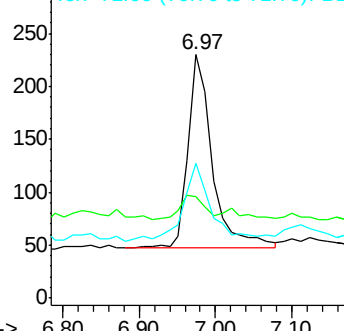
71 45.8 26.1 39.1#

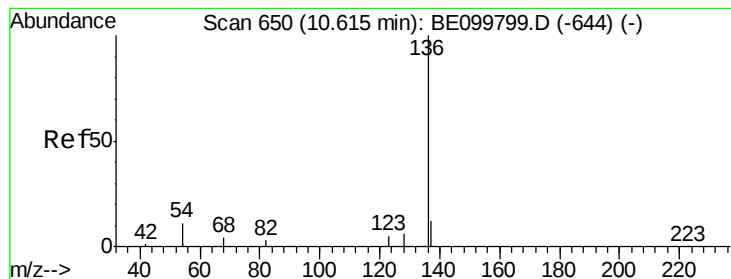


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

Tot Ion:136 Resp: 3998

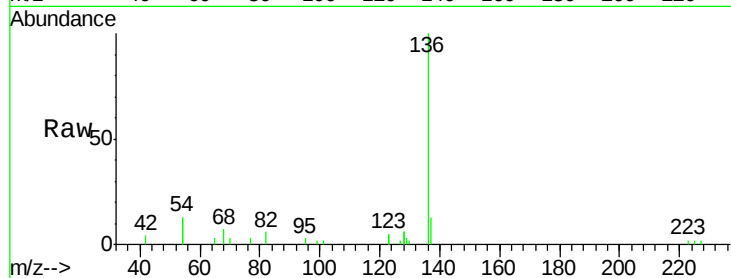
Ion Ratio Lower Upper

136 100

137 13.2 11.1 16.7

54 25.9 17.9 26.9

68 6.8 5.4 8.0

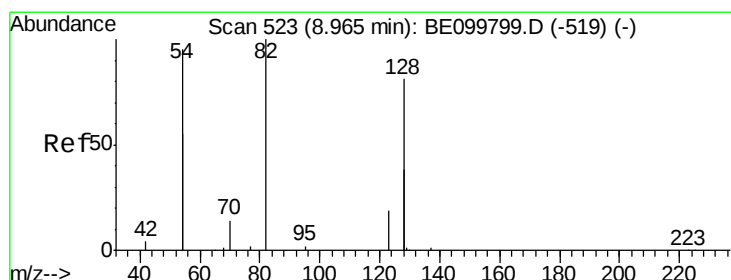
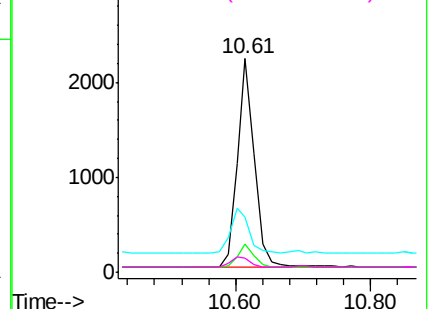
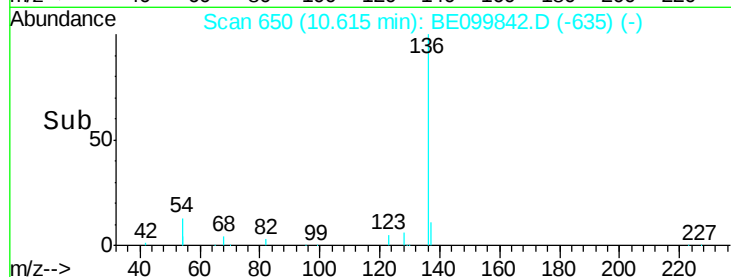


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

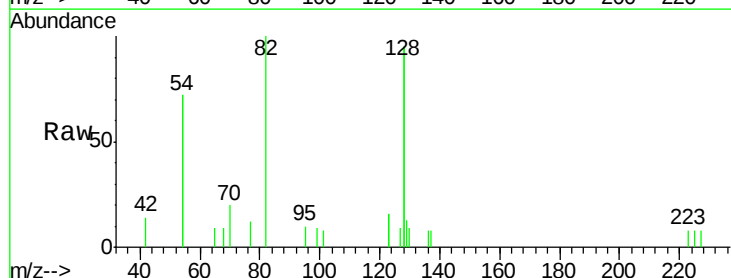
Tgt Ion: 82 Resp: 1330

Ion Ratio Lower Upper

82 100

128 189.4 116.6 175.0#

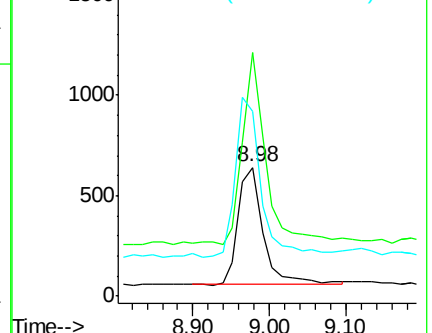
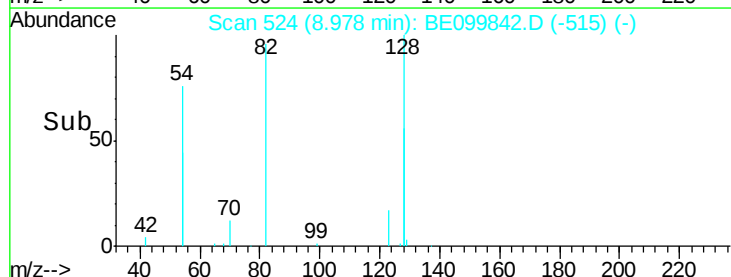
54 144.1 136.2 204.4

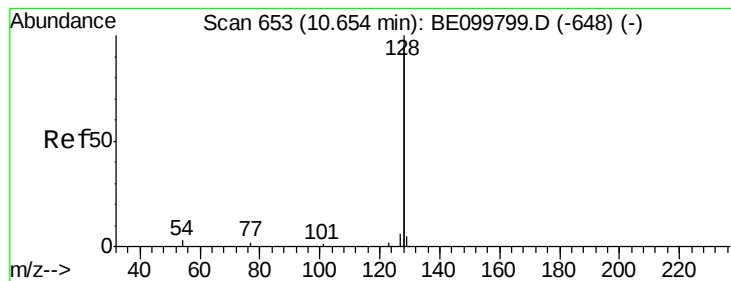


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.186 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

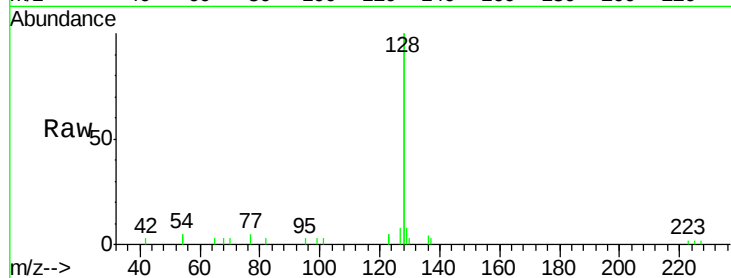
Tot Ion:128 Resp: 7937

Ion Ratio Lower Upper

128 100

129 4.1 2.6 4.0#

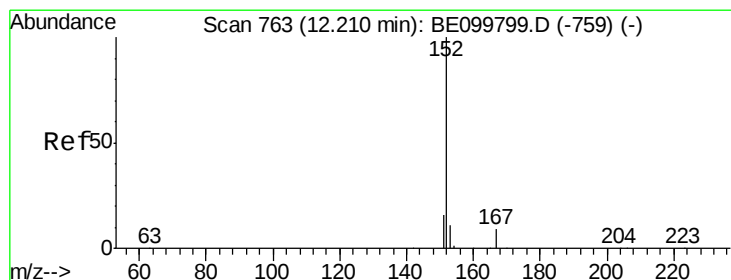
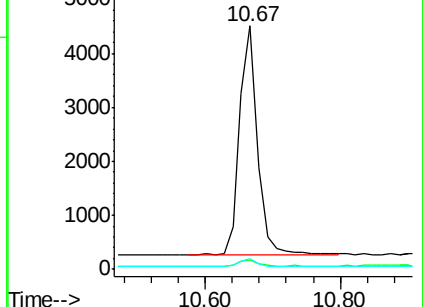
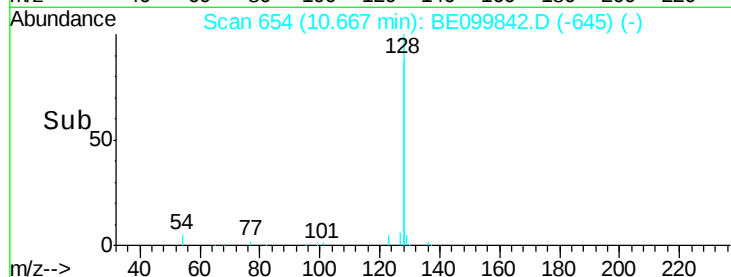
127 4.2 3.0 4.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099842.D

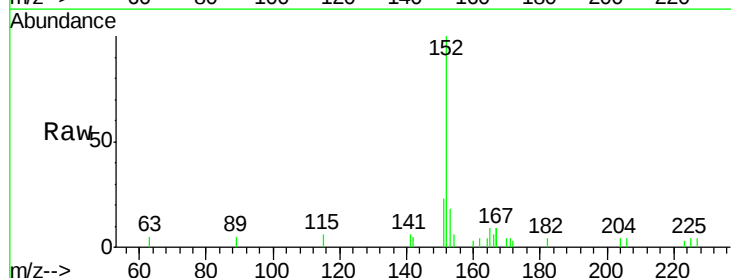
Acq: 7 Jun 2019 3:27

Tgt Ion:152 Resp: 2805

Ion Ratio Lower Upper

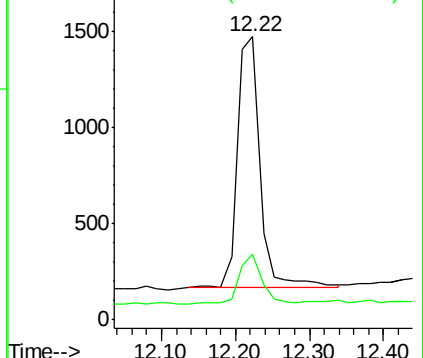
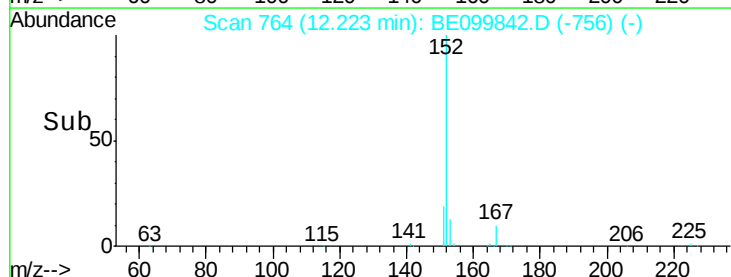
152 100

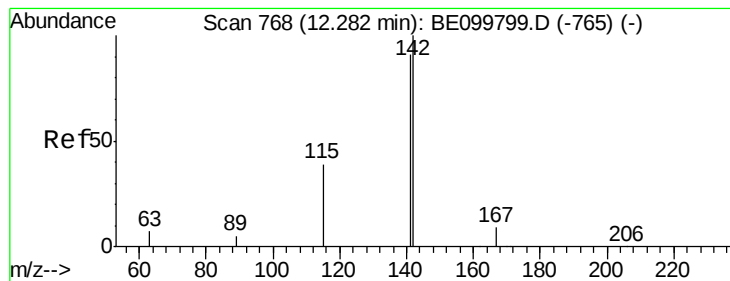
151 19.1 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.101 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

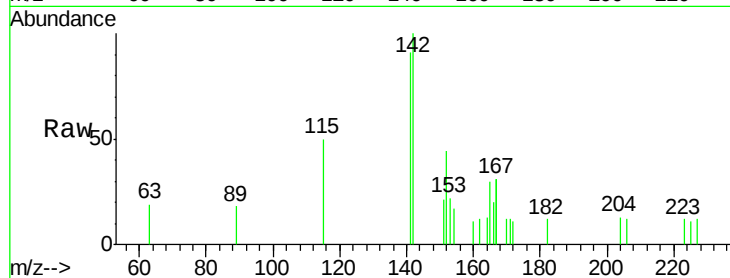
Tot Ion:142 Resp: 687

Ion Ratio Lower Upper

142 100

141 90.8 73.3 109.9

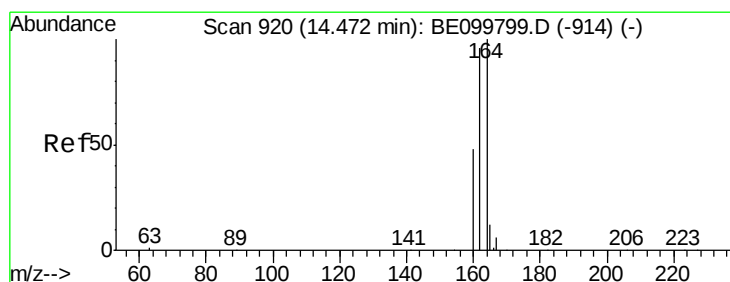
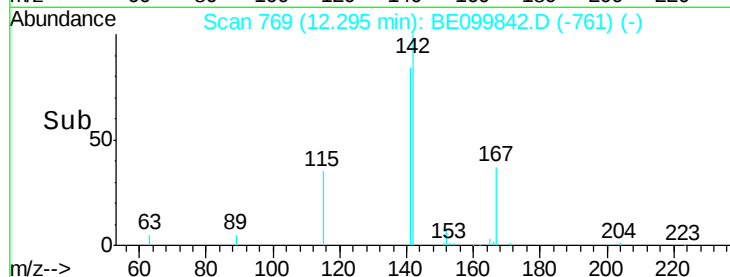
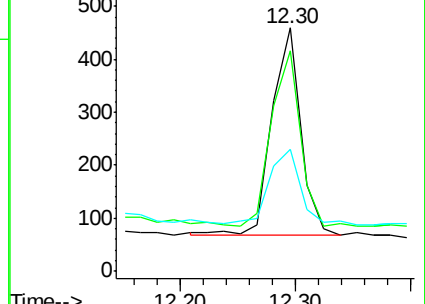
115 50.3 33.4 50.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

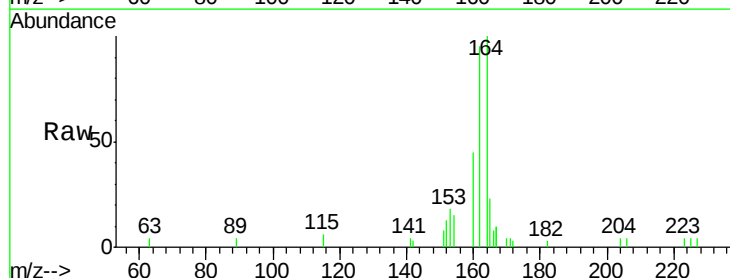
Tgt Ion:164 Resp: 3165

Ion Ratio Lower Upper

164 100

162 95.4 77.2 115.8

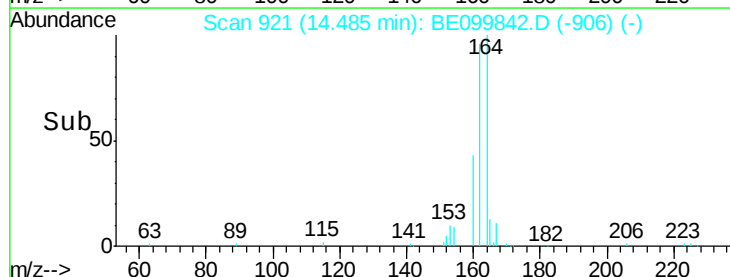
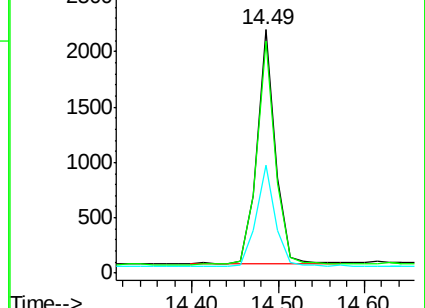
160 44.5 39.4 59.2

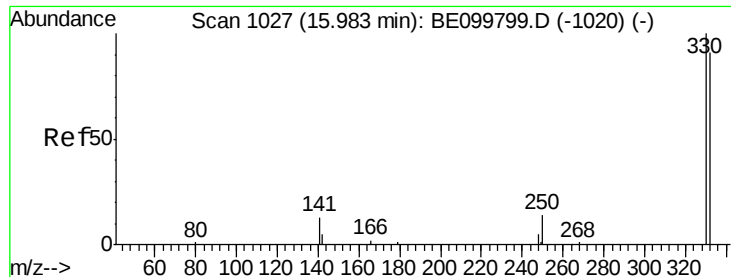


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.537 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

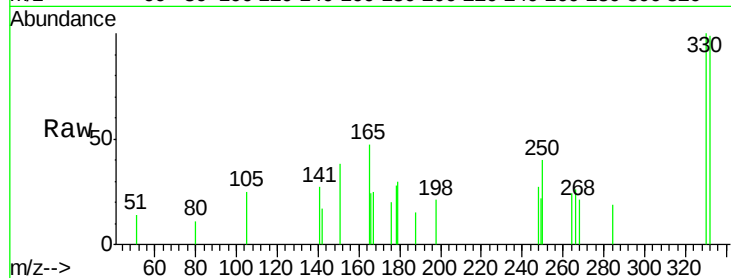
Tot Ion:330 Resp: 982

Ion Ratio Lower Upper

330 100

332 95.7 74.9 112.3

141 24.3 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

15.98

800

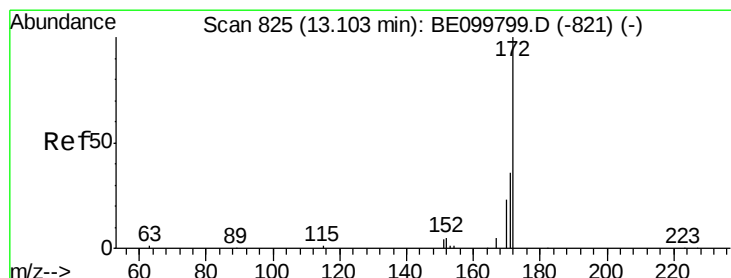
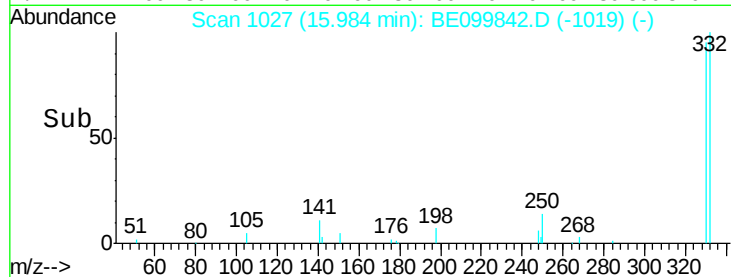
600

400

200

0

Time-->



#15

2-Fluorobiphenyl

Concen: 0.371 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

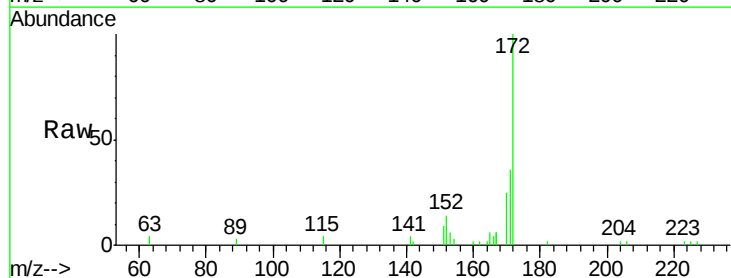
Tgt Ion:172 Resp: 4368

Ion Ratio Lower Upper

172 100

171 35.9 30.2 45.4

170 24.7 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

13.10

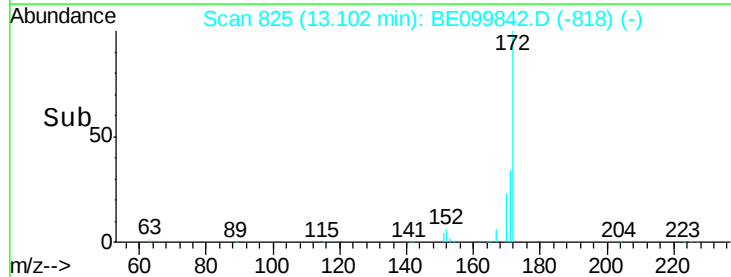
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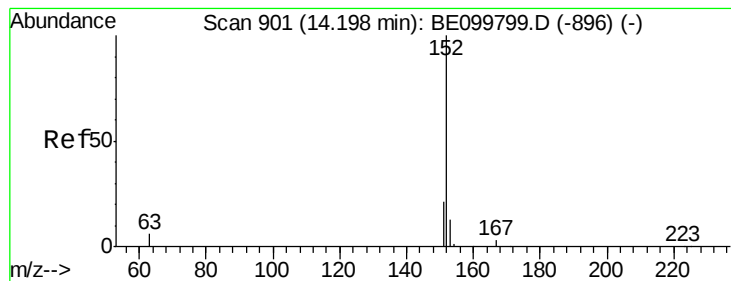
2000

1000

0

Time-->





#16

Acenaphthylene

Concen: 0.660 ng

RT: 14.15 min Scan# 898

Delta R.T. -0.04 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

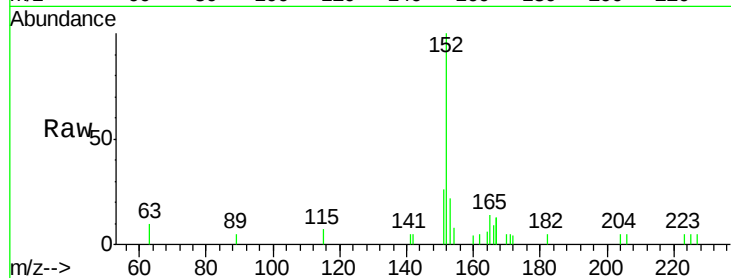
Tot Ion:152 Resp: 10085

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

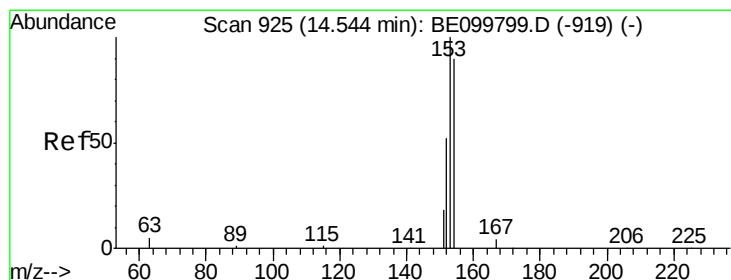
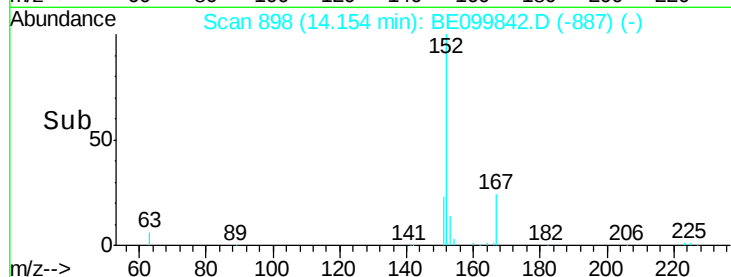
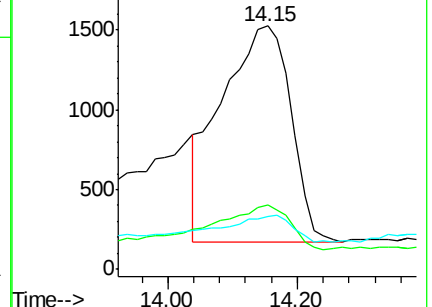
153 11.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.175 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

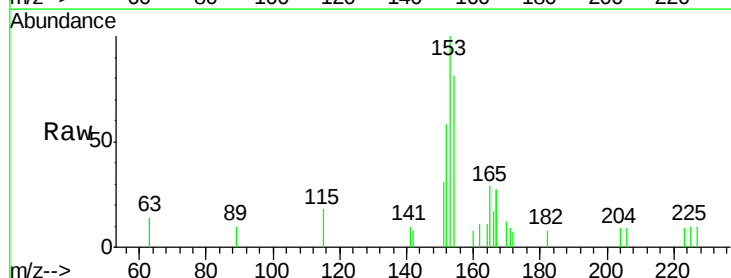
Tgt Ion:154 Resp: 1463

Ion Ratio Lower Upper

154 100

153 111.3 93.8 140.6

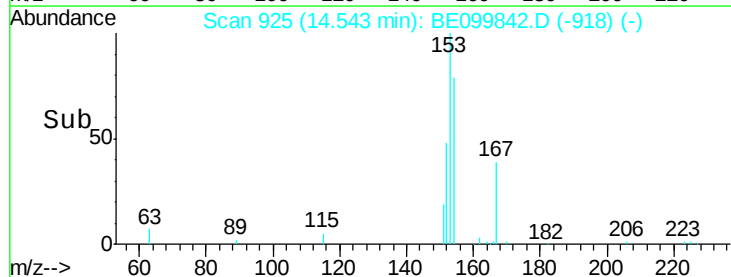
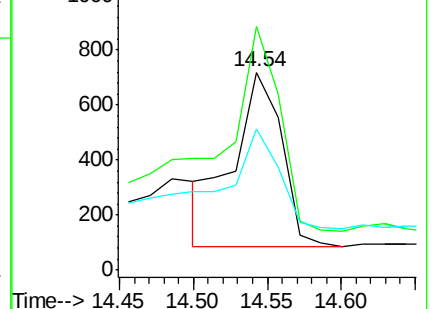
152 45.2 48.3 72.5#

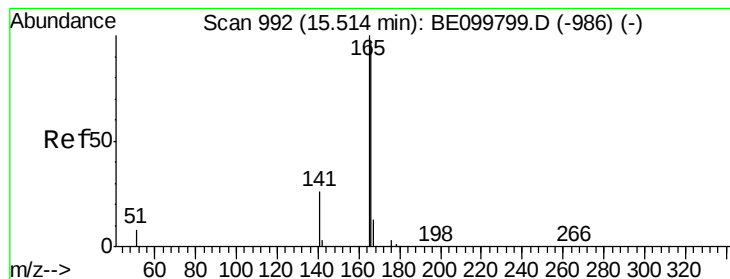


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.390 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

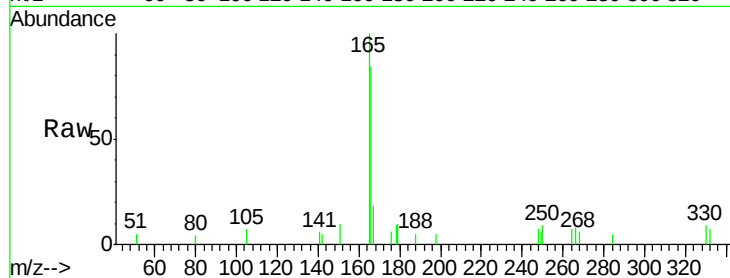
Tot Ion:166 Resp: 4802

Ion Ratio Lower Upper

166 100

165 68.7 80.4 120.6#

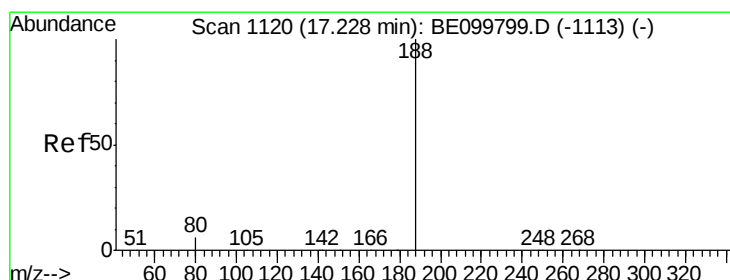
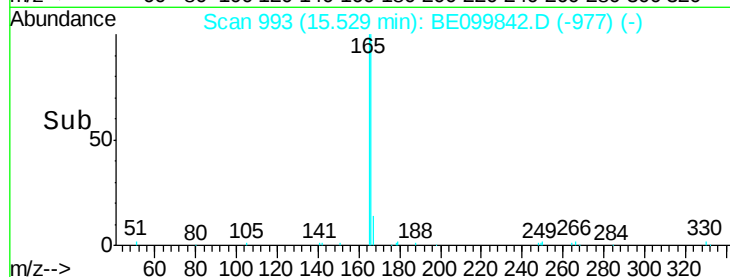
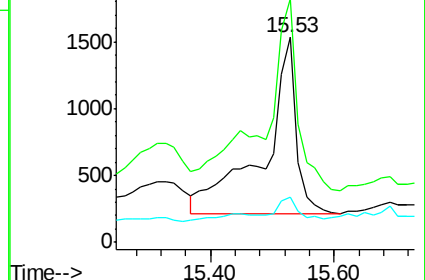
167 7.3 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

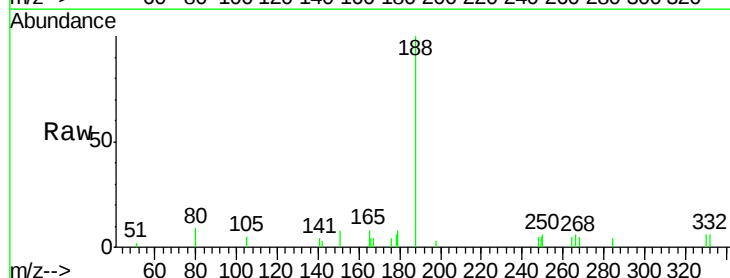
Tgt Ion:188 Resp: 8677

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

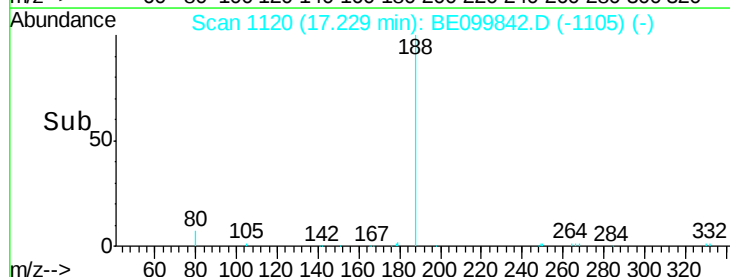
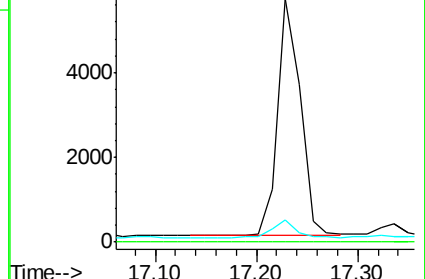
80 8.9 5.2 7.8#

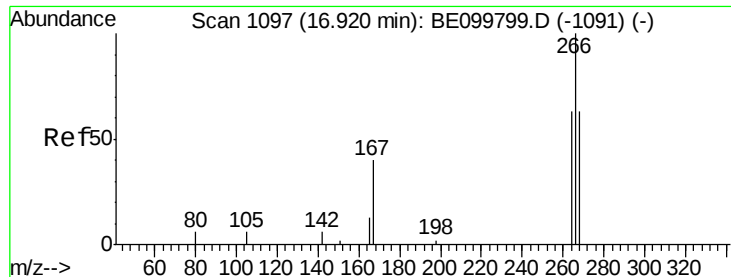


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.320 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

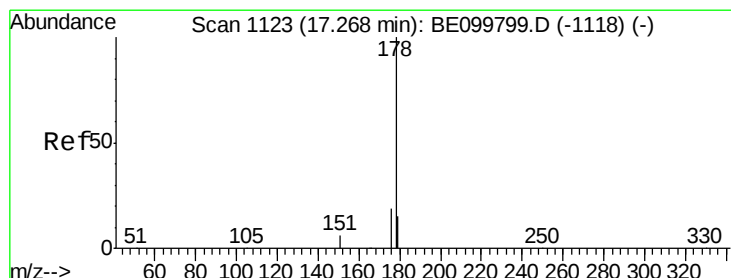
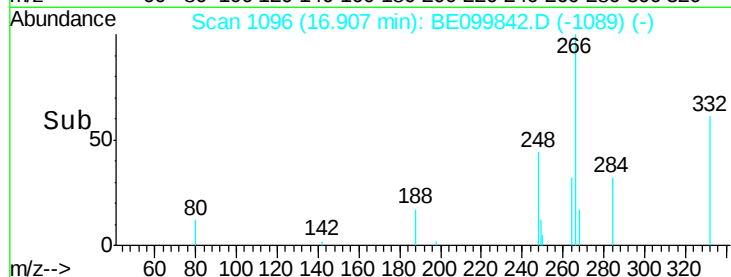
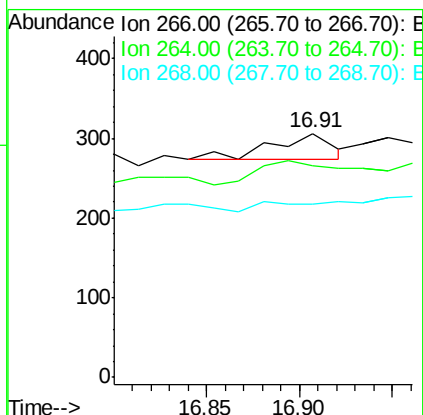
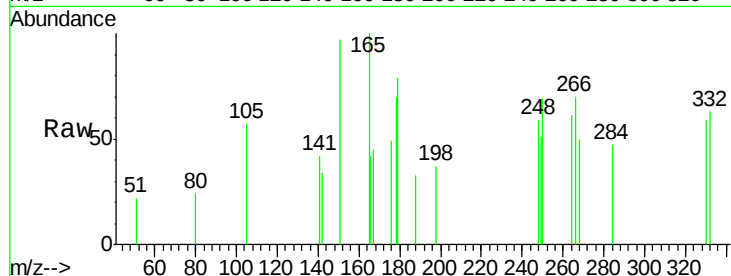
Tot Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 86.6 64.9 97.3

268 71.2 64.0 96.0



#23

Phenanthrene

Concen: 0.655 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

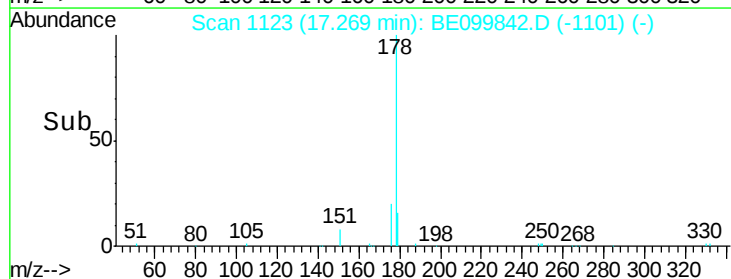
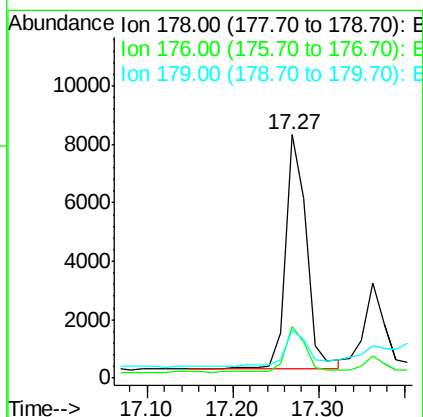
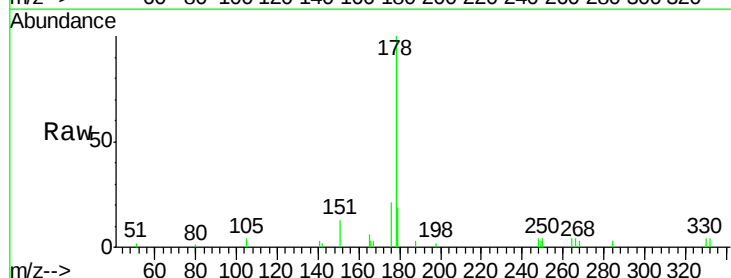
Tgt Ion:178 Resp: 13560

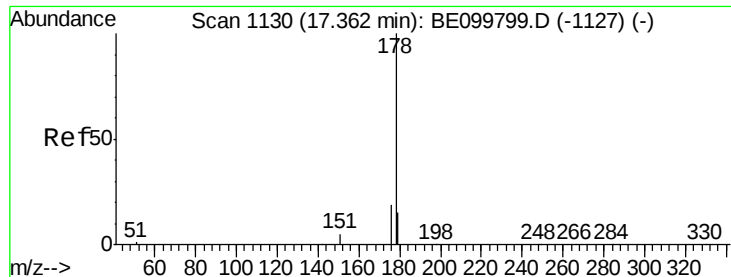
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 18.9 12.5 18.7#





#24

Anthracene

Concen: 0.212 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

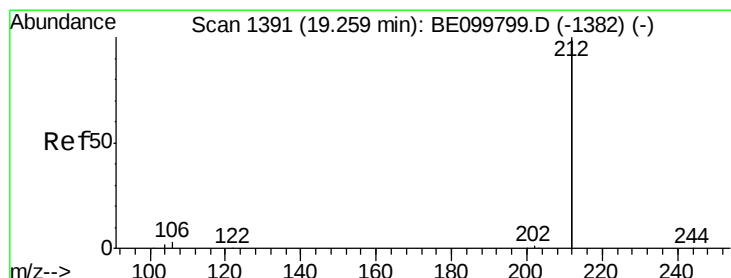
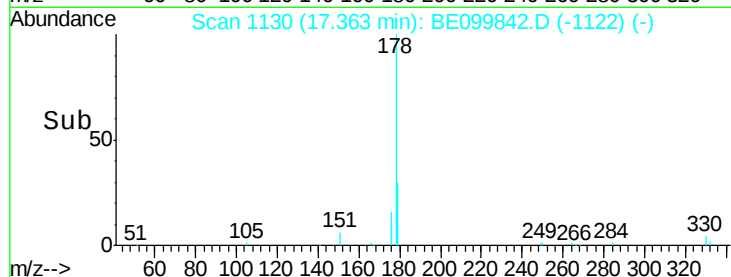
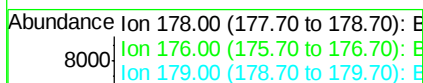
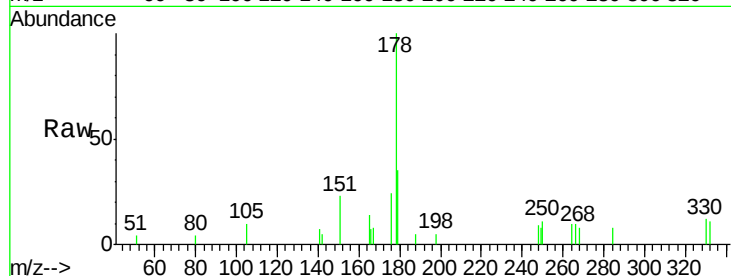
Tot Ion:178 Resp: 3962

Ion Ratio Lower Upper

178 100

176 23.9 15.1 22.7#

179 0.0 12.1 18.1#



#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

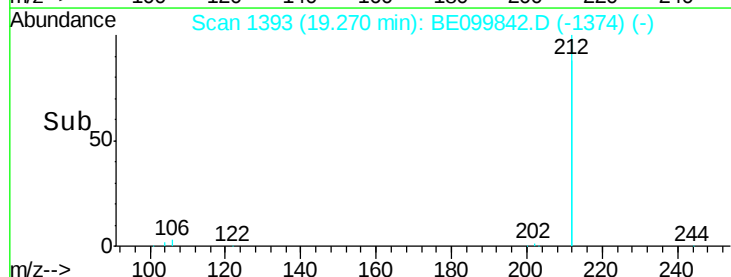
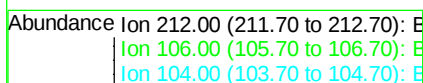
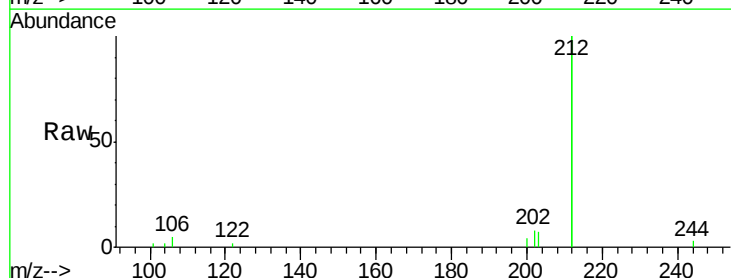
Tgt Ion:212 Resp: 43939

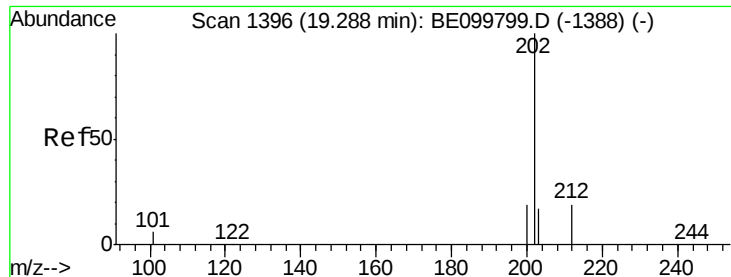
Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

104 1.0 0.8 1.2

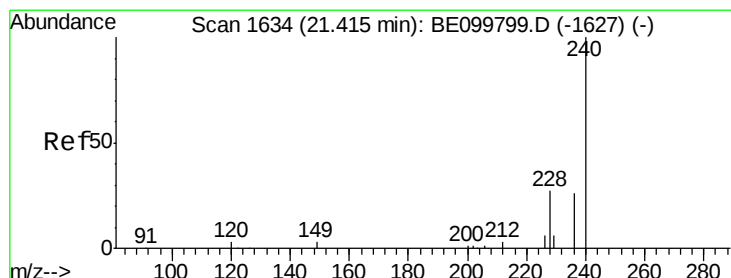
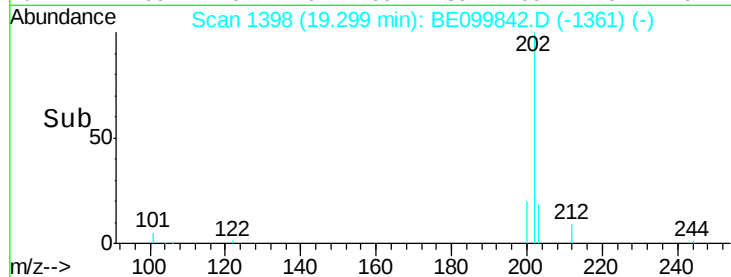
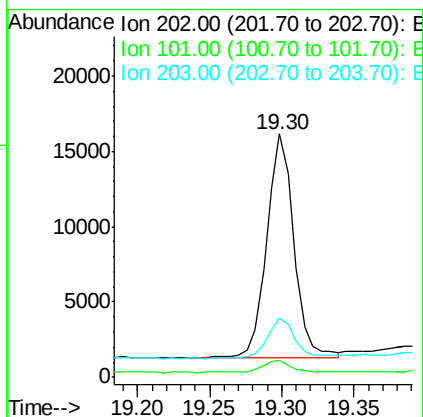
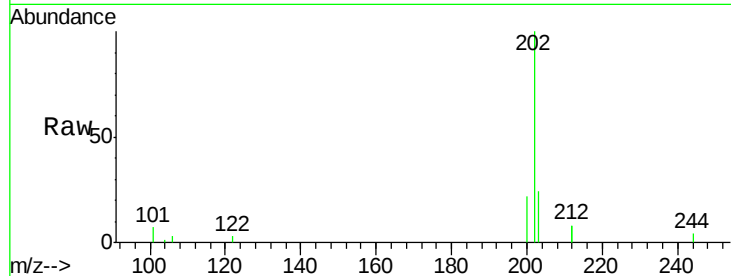




#26  
Fluoranthene  
Concen: 0.543 ng  
RT: 19.30 min Scan# 1398  
Delta R.T. 0.01 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

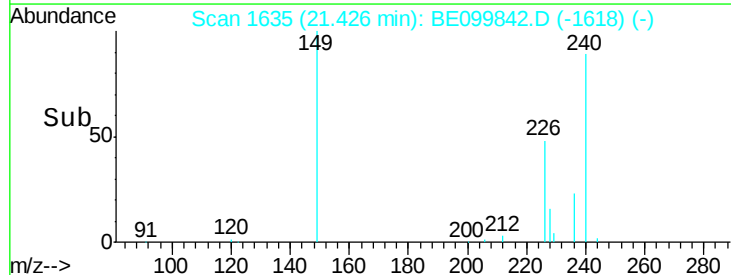
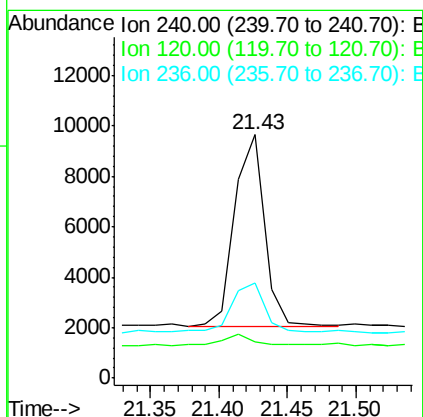
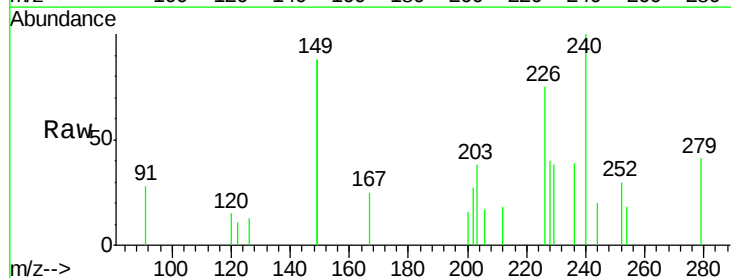
Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW313S-20190605

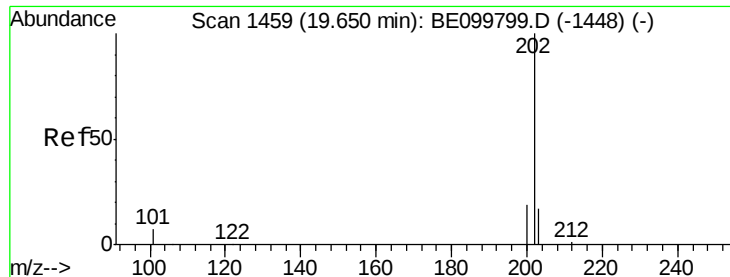
Tot Ion:202 Resp: 19702  
Ion Ratio Lower Upper  
202 100  
101 5.8 5.2 7.8  
203 19.5 13.6 20.4



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.43 min Scan# 1635  
Delta R.T. 0.01 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

Tgt Ion:240 Resp: 11461  
Ion Ratio Lower Upper  
240 100  
120 15.1 2.8 4.2#  
236 39.3 20.9 31.3#

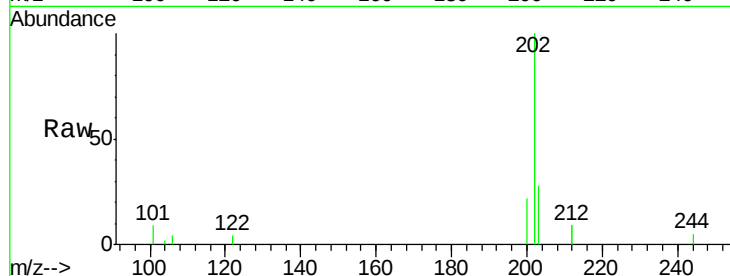




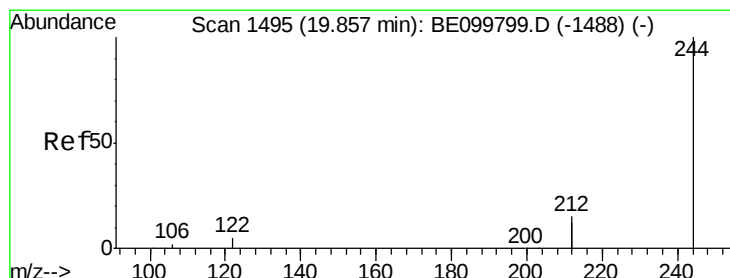
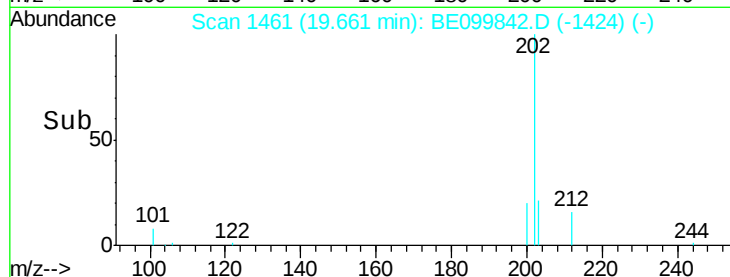
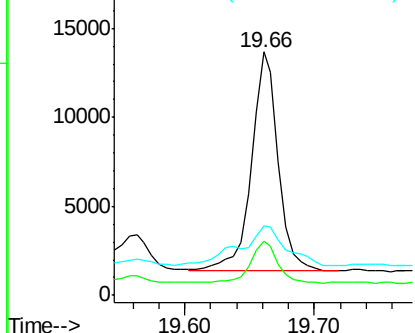
#28  
Pvrene  
Concen: 0.641 ng  
RT: 19.66 min Scan# 1461  
Delta R.T. 0.01 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW313S-20190605

Tot Ion:202 Resp: 17734  
Ion Ratio Lower Upper  
202 100  
200 19.6 15.6 23.4  
203 33.0 14.1 21.1#

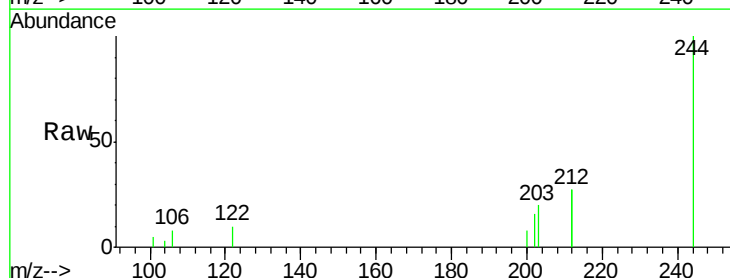


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

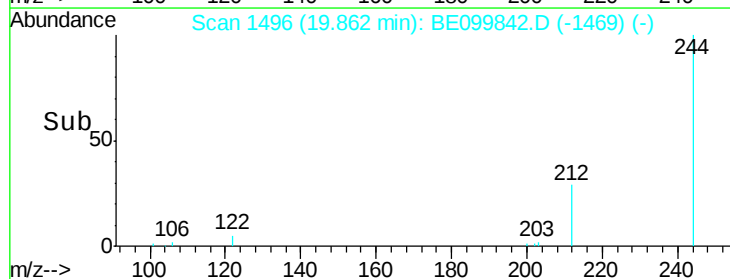
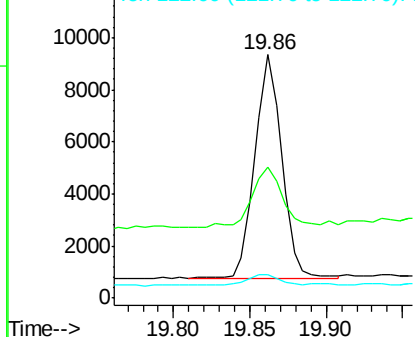


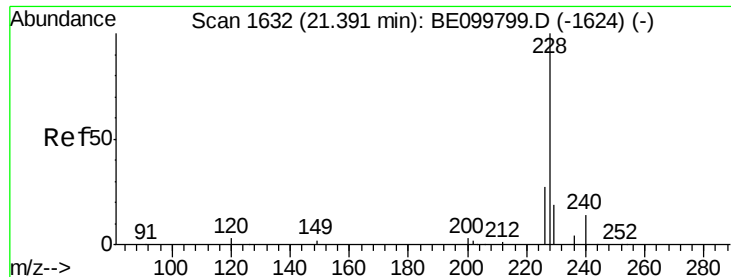
#29  
Terphenyl-d14  
Concen: 0.552 ng  
RT: 19.86 min Scan# 1496  
Delta R.T. 0.01 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

Tgt Ion:244 Resp: 10375  
Ion Ratio Lower Upper  
244 100  
212 53.5 23.7 35.5#  
122 9.9 4.8 7.2#



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





#30

Benzo(a)anthracene

Concen: 0.379 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

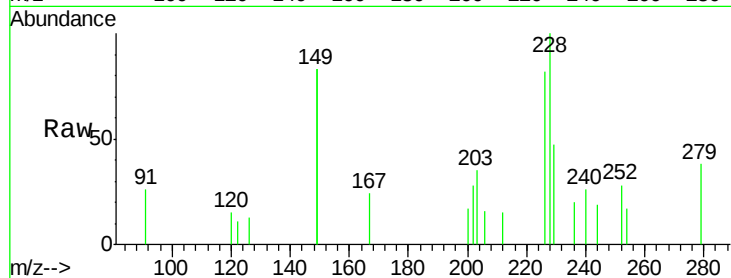
Tot Ion:228 Resp: 12003

Ion Ratio Lower Upper

228 100

226 81.9 21.6 32.4#

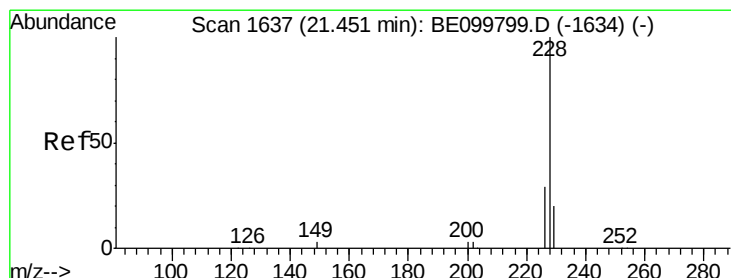
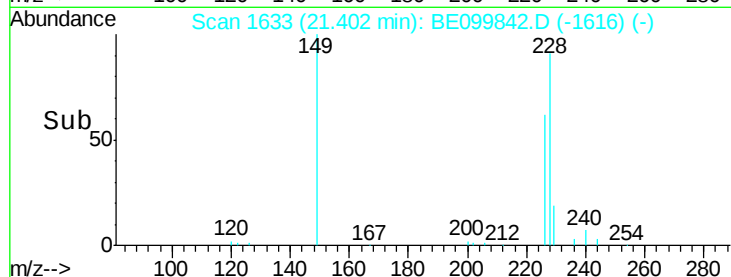
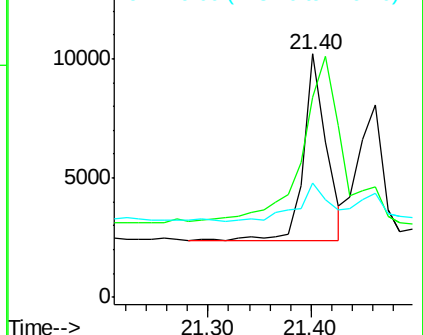
229 47.2 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.232 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

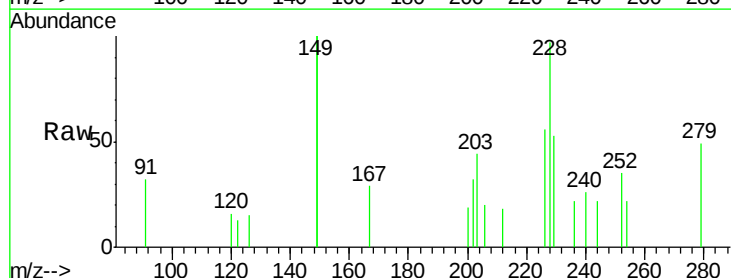
Tgt Ion:228 Resp: 8118

Ion Ratio Lower Upper

228 100

226 57.6 22.9 34.3#

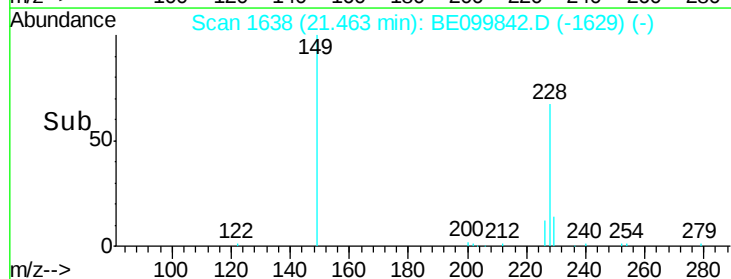
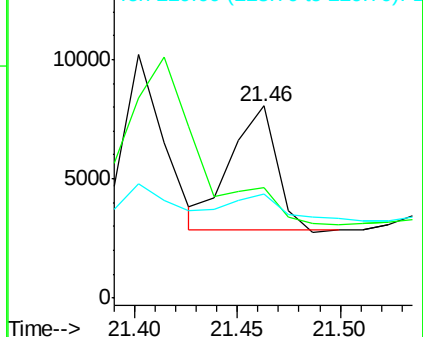
229 54.1 16.4 24.6#

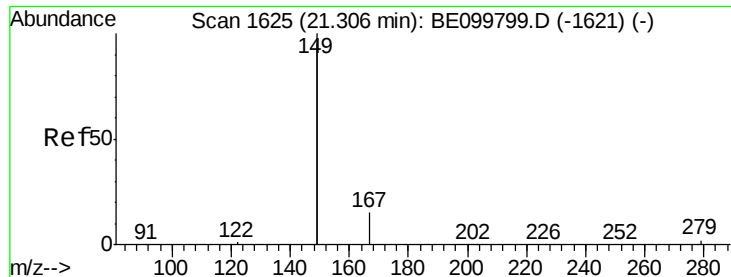


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

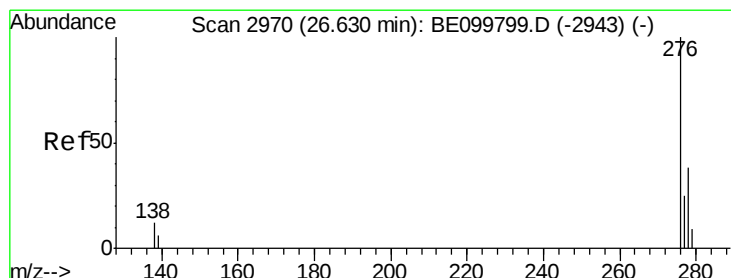
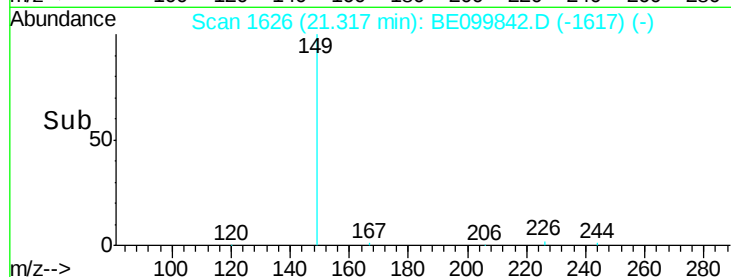
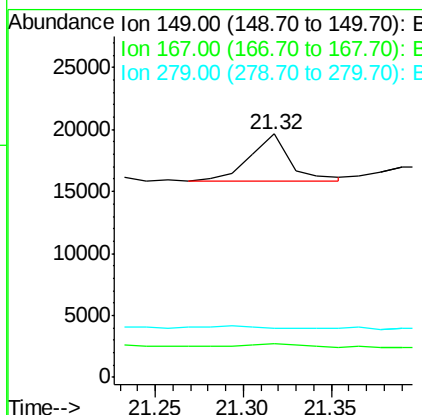
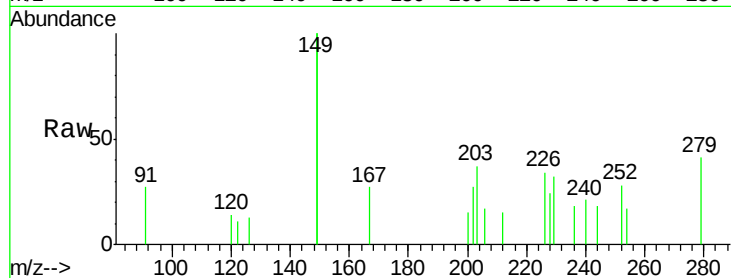




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.163 ng  
 RT: 21.32 min Scan# 1626  
 Delta R.T. 0.01 min  
 Lab File: BE099842.D  
 Acq: 7 Jun 2019 3:27

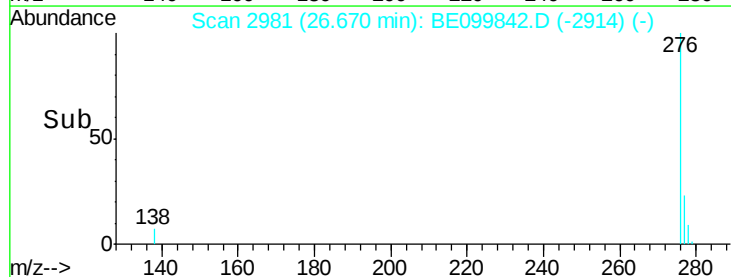
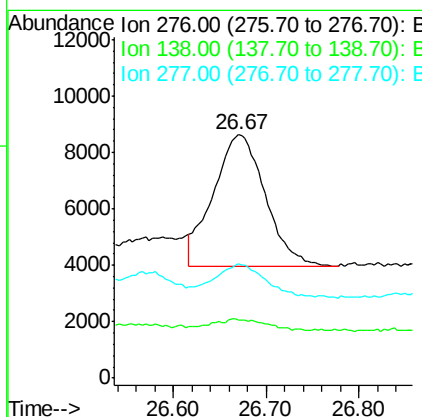
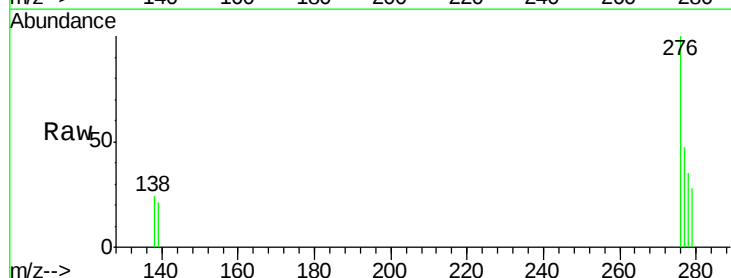
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW313S-20190605

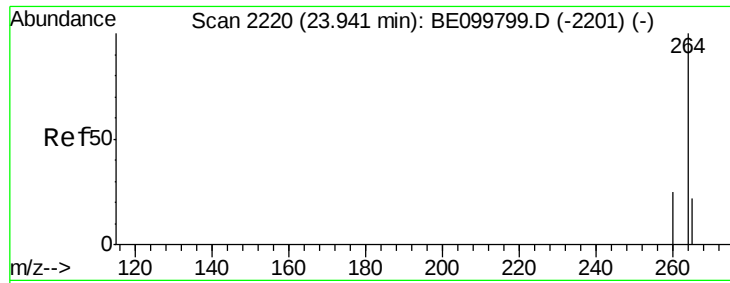
Tot Ion:149 Resp: 5942  
 Ion Ratio Lower Upper  
 149 100  
 167 9.7 6.0 9.0#  
 279 0.0 1.2 1.8#



#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.437 ng  
 RT: 26.67 min Scan# 2981  
 Delta R.T. 0.04 min  
 Lab File: BE099842.D  
 Acq: 7 Jun 2019 3:27

Tgt Ion:276 Resp: 18305  
 Ion Ratio Lower Upper  
 276 100  
 138 5.8 10.3 15.5#  
 277 24.0 19.4 29.2

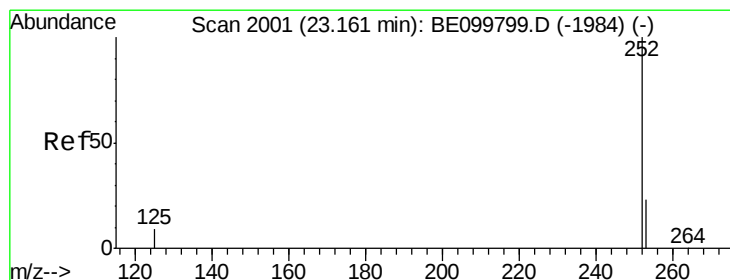
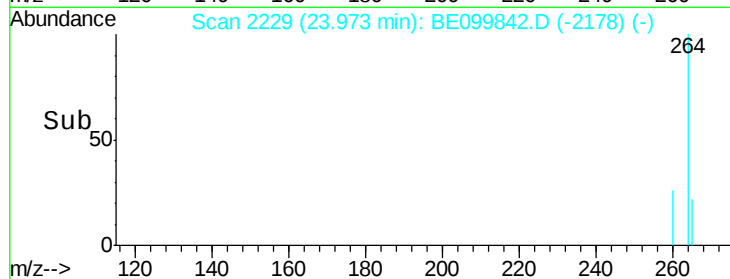
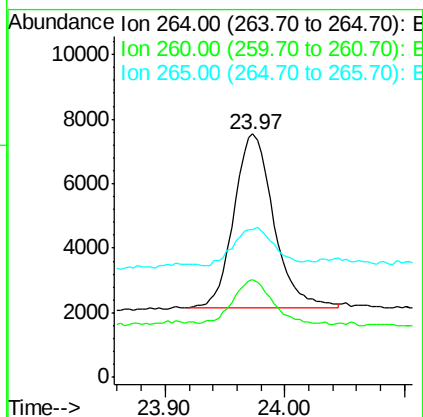
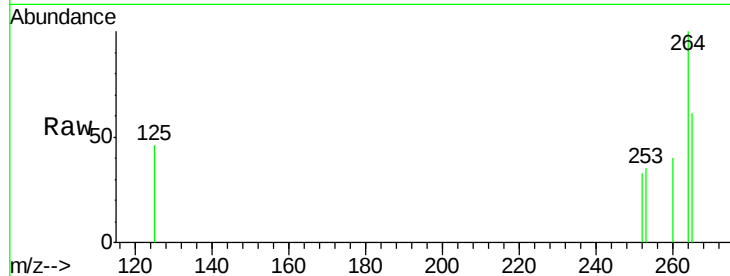




#34  
 Pervlene-d12  
 Concen: 0.400 ng  
 RT: 23.97 min Scan# 2229  
 Delta R.T. 0.03 min  
 Lab File: BE099842.D  
 Acq: 7 Jun 2019 3:27

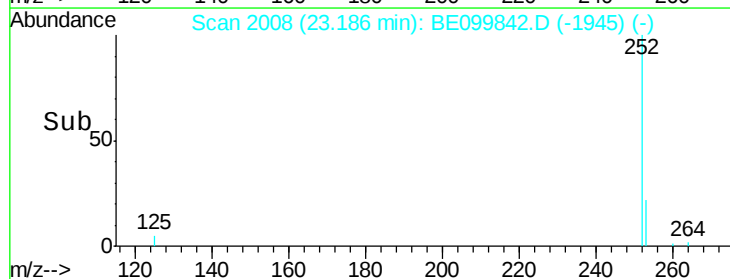
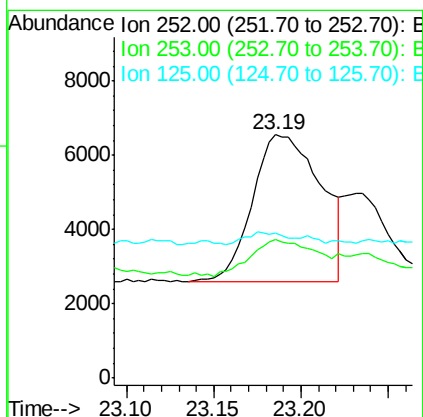
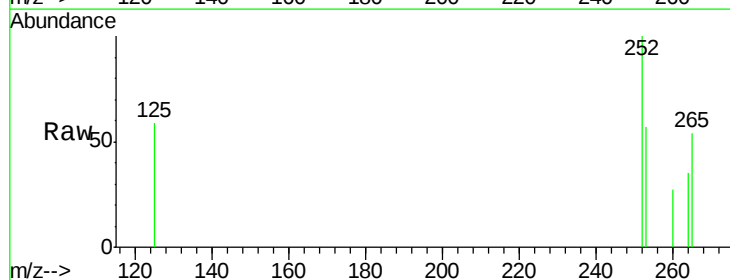
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BPS1-TT-MW313S-20190605

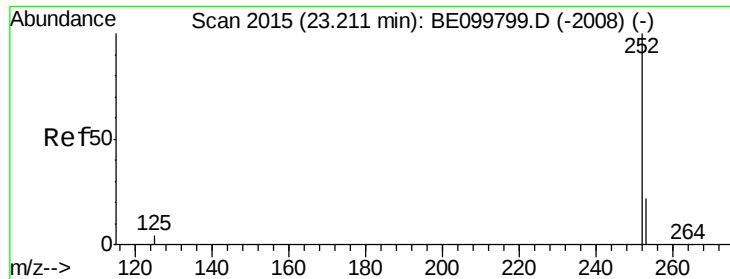
Tot Ion:264 Resp: 12378  
 Ion Ratio Lower Upper  
 264 100  
 260 40.1 20.0 30.0#  
 265 60.7 20.7 31.1#



#35  
 Benzo(b)fluoranthene  
 Concen: 0.316 ng  
 RT: 23.19 min Scan# 2008  
 Delta R.T. 0.02 min  
 Lab File: BE099842.D  
 Acq: 7 Jun 2019 3:27

Tgt Ion:252 Resp: 10828  
 Ion Ratio Lower Upper  
 252 100  
 253 57.1 18.9 28.3#  
 125 59.4 7.6 11.4#

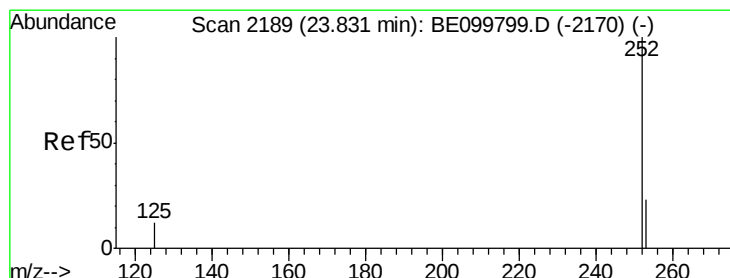
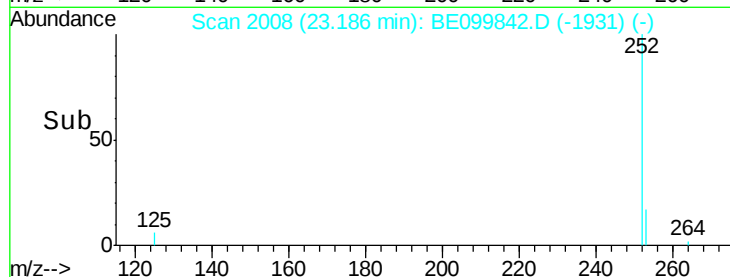
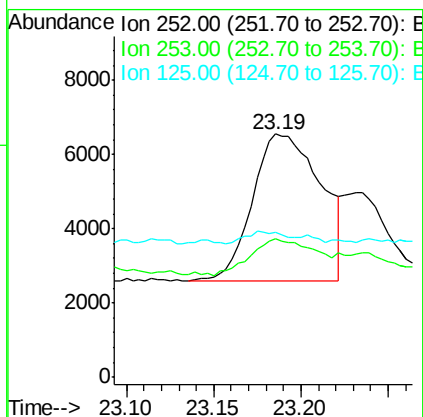
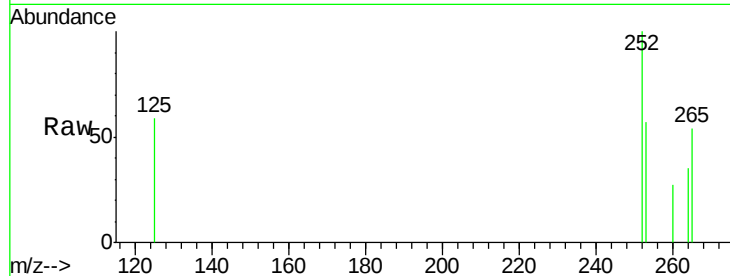




#36  
Benzo(k)fluoranthene  
Concen: 0.298 ng  
RT: 23.19 min Scan# 2008  
Delta R.T. -0.03 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

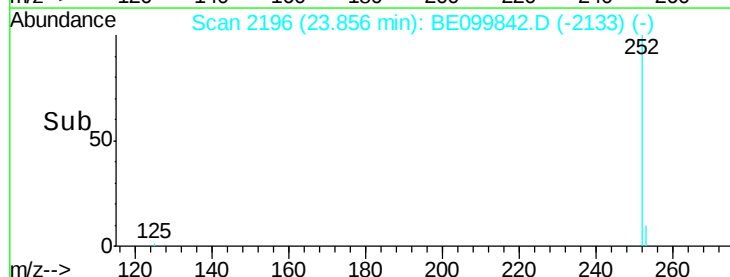
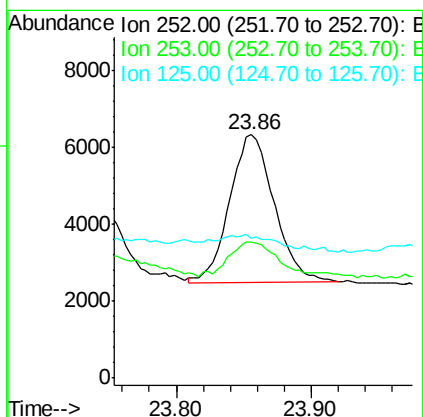
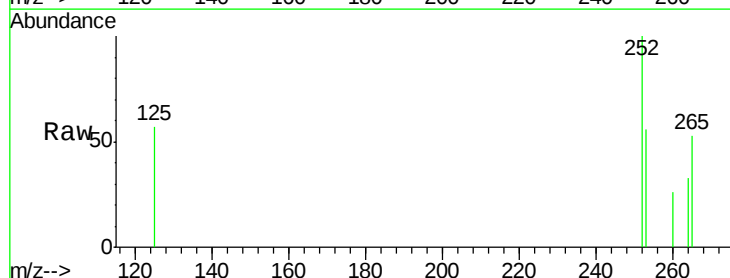
Instrument :  
BNA\_E  
ClientSampleId :  
BPS1-TT-MW313S-20190605

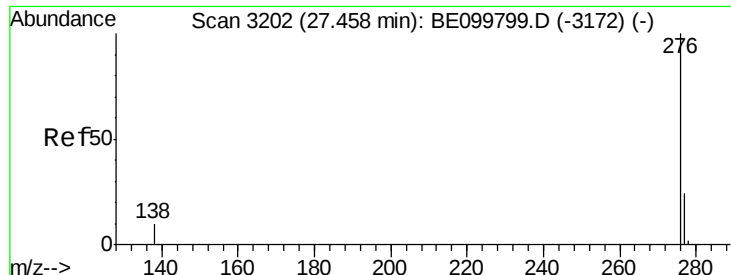
Tot Ion:252 Resp: 10828  
Ion Ratio Lower Upper  
252 100  
253 57.1 18.4 27.6#  
125 59.4 4.6 7.0#



#37  
Benzo(a)pyrene  
Concen: 0.265 ng  
RT: 23.86 min Scan# 2196  
Delta R.T. 0.02 min  
Lab File: BE099842.D  
Acq: 7 Jun 2019 3:27

Tgt Ion:252 Resp: 8806  
Ion Ratio Lower Upper  
252 100  
253 56.1 19.3 28.9#  
125 57.3 10.2 15.4#





#39

Benzo(a,h,i)perylene

Concen: 1.251 ng

RT: 27.52 min Scan# 3218

Delta R.T. 0.06 min

Lab File: BE099842.D

Acq: 7 Jun 2019 3:27

Instrument :

BNA\_E

ClientSampleId :

BPS1-TT-MW313S-20190605

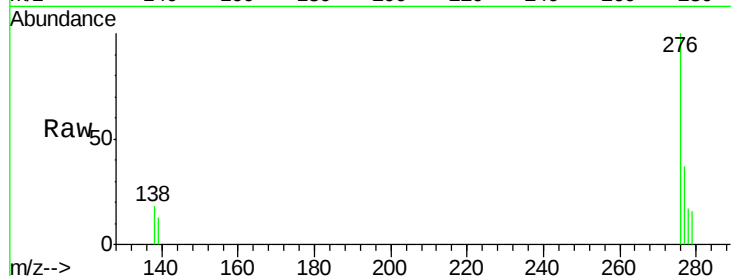
Tot Ion: 276 Resp: 44412

Ion Ratio Lower Upper

276 100

277 37.1 19.6 29.4#

138 18.3 9.0 13.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

