

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE070119\  
 Data File : BE100282.D  
 Acq On : 2 Jul 2019 2:20  
 Operator : JU/SJ  
 Sample : K3446-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-007-B255-061819

Quant Time: Jul 02 04:07:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE062819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 14:06:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 976      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.43 | 136  | 3372     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 2501     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.05 | 188  | 6994     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.24 | 240  | 9482     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.68 | 264  | 10833    | 0.40 | ng    | 0.01     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.22  | 112 | 696   | 0.28 | ng | 0.01  |
| 5) Phenol-d6                | 6.83  | 99  | 880   | 0.27 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 8.81  | 82  | 945   | 0.28 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 2215  | 0.35 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330 | 442   | 0.25 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.93 | 172 | 2207  | 0.23 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.10 | 212 | 32340 | 0.32 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.70 | 244 | 4408  | 0.22 | ng | 0.00  |

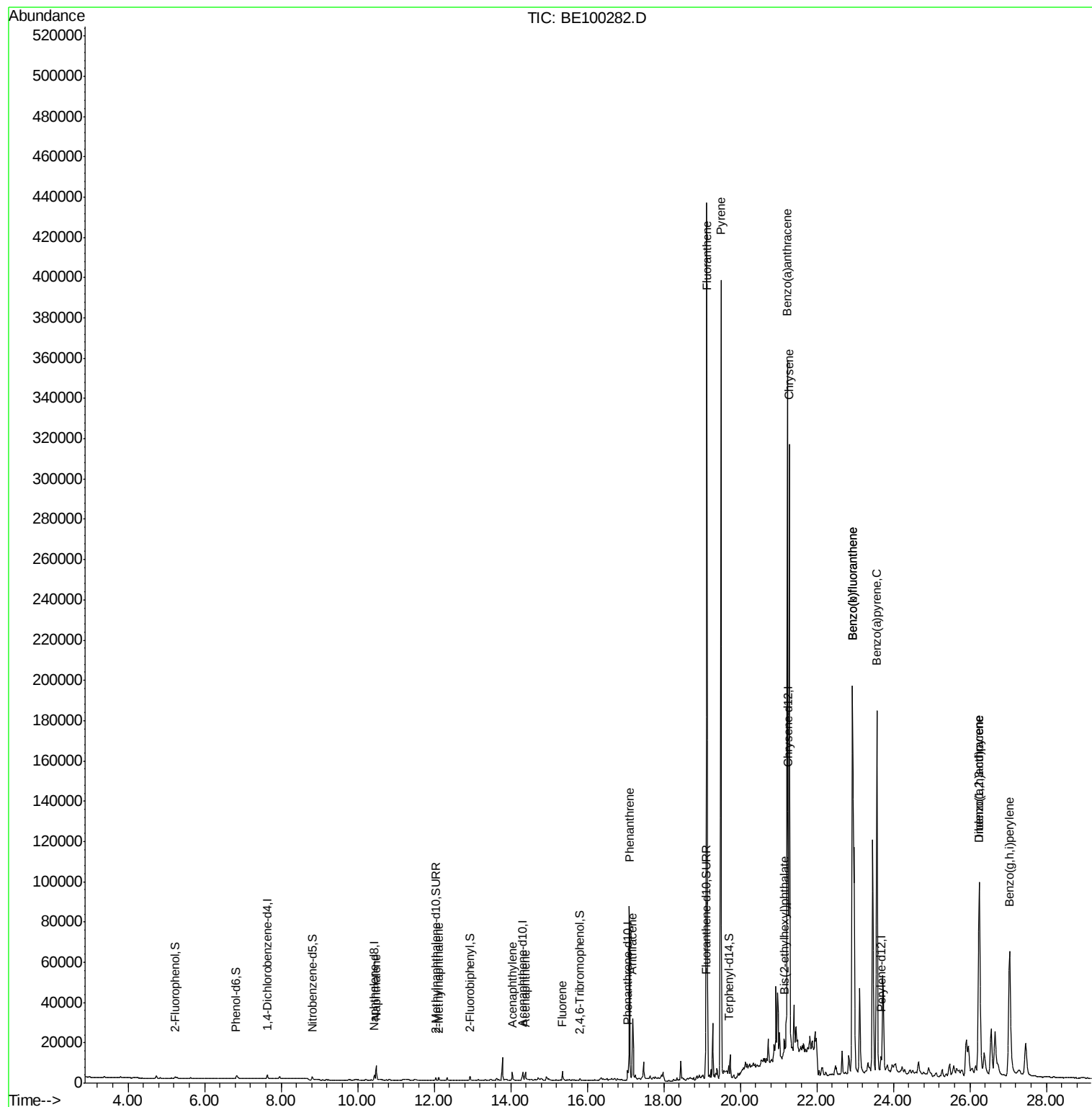
|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 9) Naphthalene                 | 10.48 | 128 | 12199  | 0.328  | ng | 99    |
| 12) 2-Methylnaphthalene        | 12.12 | 142 | 1201   | 0.184  | ng | 97    |
| 16) Acenaphthylene             | 14.04 | 152 | 4960   | 0.413  | ng | 98    |
| 17) Acenaphthene               | 14.38 | 154 | 2159   | 0.317  | ng | 99    |
| 18) Fluorene                   | 15.35 | 166 | 3535   | 0.351  | ng | # 92  |
| 23) Phenanthrene               | 17.09 | 178 | 98434  | 5.807  | ng | 100   |
| 24) Anthracene                 | 17.19 | 178 | 31867  | 2.088  | ng | 97    |
| 26) Fluoranthene               | 19.13 | 202 | 392663 | 14.543 | ng | 99    |
| 28) Pyrene                     | 19.49 | 202 | 368864 | 14.693 | ng | # 96  |
| 30) Benzo(a)anthracene         | 21.23 | 228 | 305800 | 9.809  | ng | 97    |
| 31) Chrysene                   | 21.28 | 228 | 254546 | 8.131  | ng | 97    |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 10578  | 0.182  | ng | # 100 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.25 | 276 | 194883 | 4.706  | ng | # 97  |
| 35) Benzo(b)fluoranthene       | 22.93 | 252 | 359813 | 12.251 | ng | # 96  |
| 36) Benzo(k)fluoranthene       | 22.93 | 252 | 359813 | 10.975 | ng | # 97  |
| 37) Benzo(a)pyrene             | 23.57 | 252 | 277339 | 9.422  | ng | # 94  |
| 38) Dibenzo(a,h)anthracene     | 26.26 | 278 | 51978  | 1.691  | ng | # 92  |
| 39) Benzo(g,h,i)perylene       | 27.04 | 276 | 182820 | 5.789  | ng | 98    |

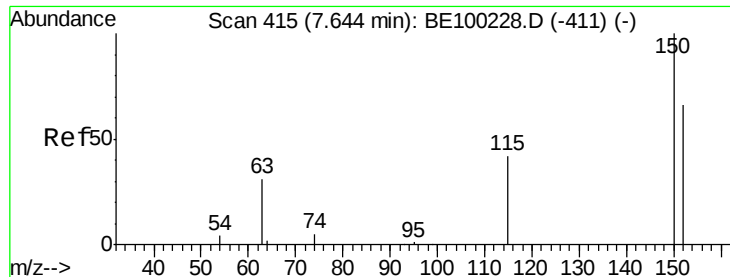
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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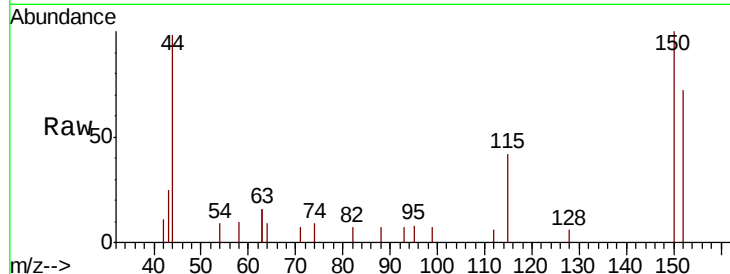


#1

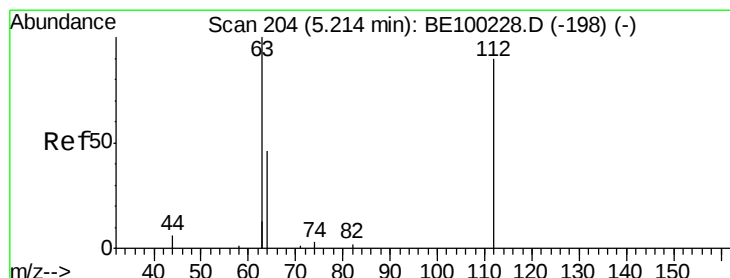
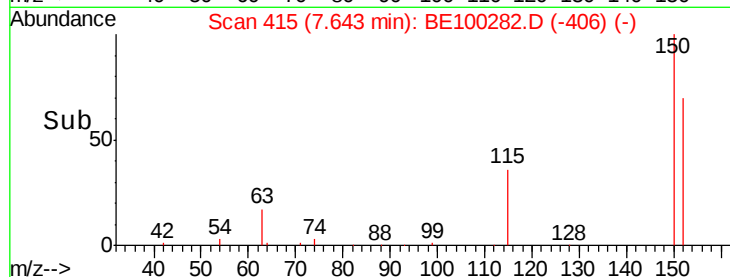
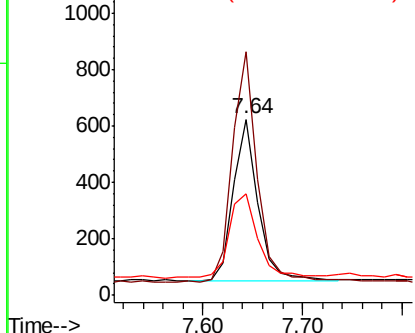
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.64 min Scan# 415  
Delta R.T. -0.00 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Instrument :  
BNA\_M  
ClientSampleId :  
PST-007-B255-061819

Tgt Ion:152 Resp: 976  
Ion Ratio Lower Upper  
152 100  
150 138.1 114.5 171.7  
115 57.6 57.1 85.7



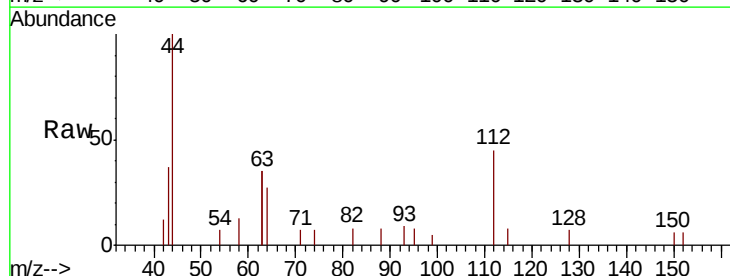
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



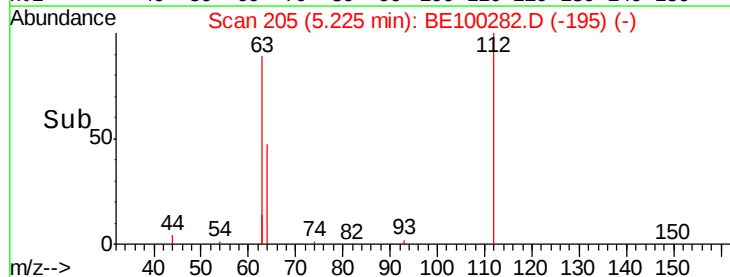
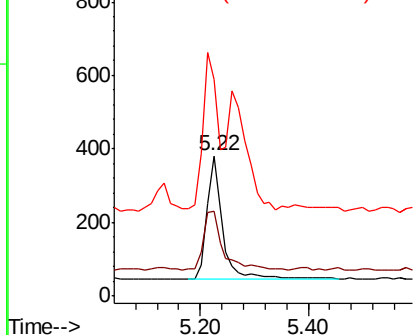
#4

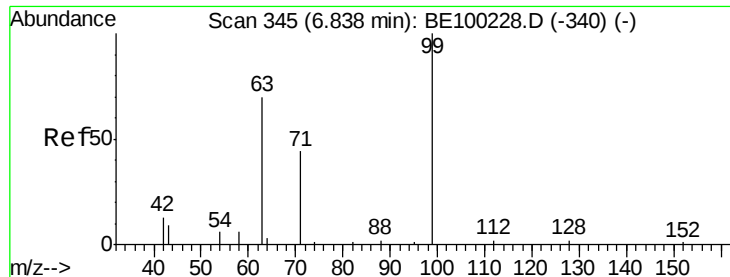
2-Fluorophenol  
Concen: 0.280 ng  
RT: 5.22 min Scan# 205  
Delta R.T. 0.01 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Tgt Ion:112 Resp: 696  
Ion Ratio Lower Upper  
112 100  
64 59.9 39.4 59.0#  
63 108.6 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE1  
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.269 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Instrument :

BNA\_M

ClientSampleId :

PST-007-B255-061819

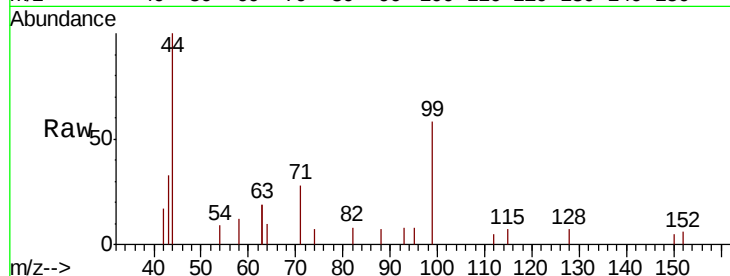
Tgt Ion: 99 Resp: 880

Ion Ratio Lower Upper

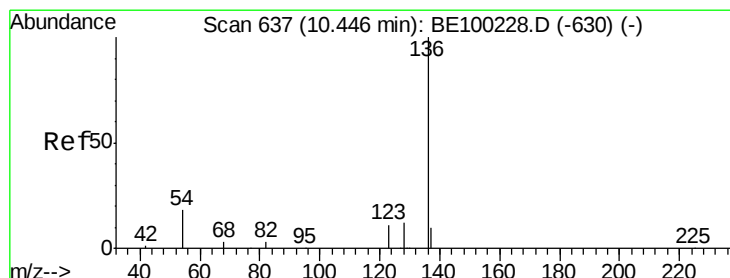
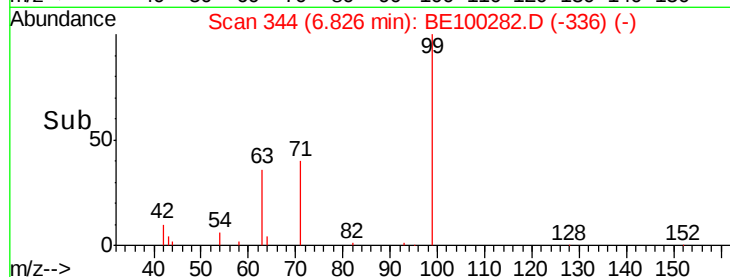
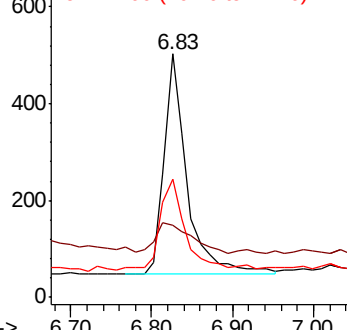
99 100

42 20.9 11.2 16.8#

71 46.5 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1  
Ion 42.00 (41.70 to 42.70): BE1  
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Tgt Ion: 136 Resp: 3372

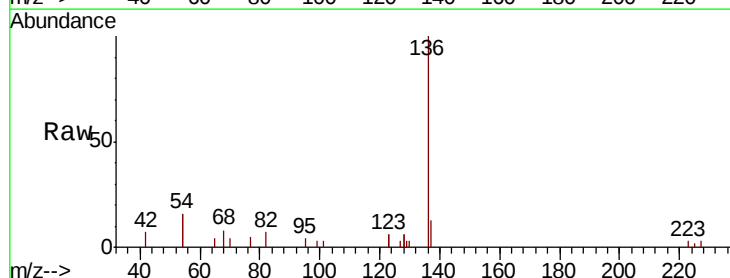
Ion Ratio Lower Upper

136 100

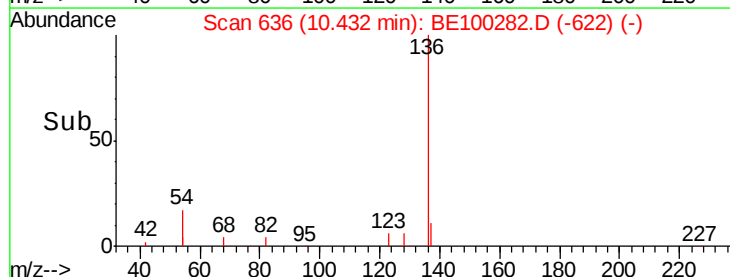
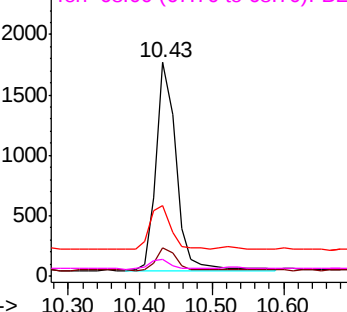
137 13.1 11.8 17.8

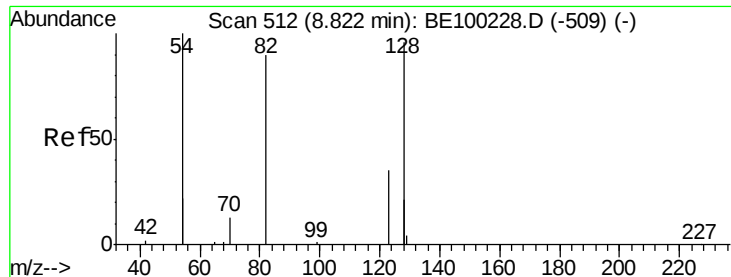
54 32.9 27.7 41.5

68 7.7 6.8 10.2



Abundance Ion 136.00 (135.70 to 136.70): BE1  
Ion 137.00 (136.70 to 137.70): BE1  
Ion 54.00 (53.70 to 54.70): BE1  
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.282 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Instrument :

BNA\_M

ClientSampleId :

PST-007-B255-061819

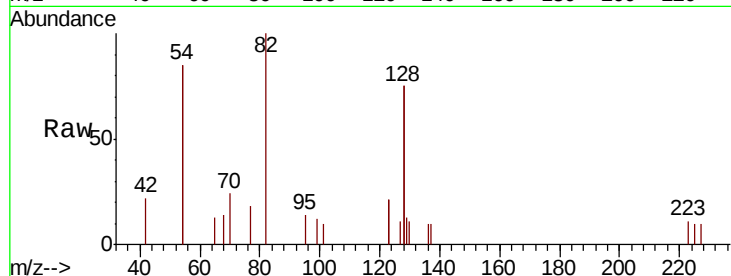
Tgt Ion: 82 Resp: 945

Ion Ratio Lower Upper

82 100

128 150.0 140.9 211.3

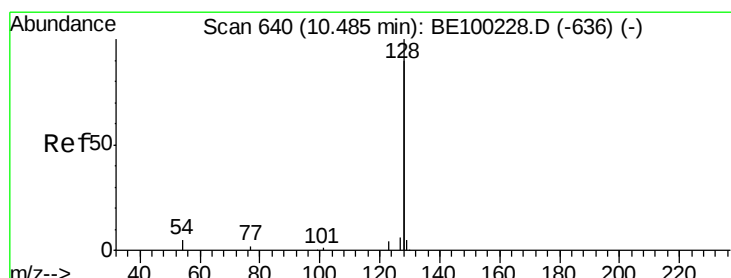
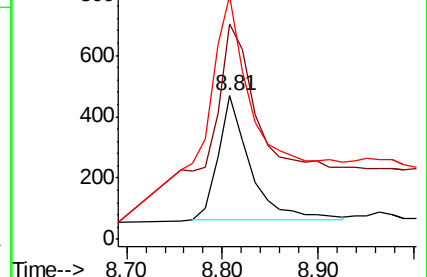
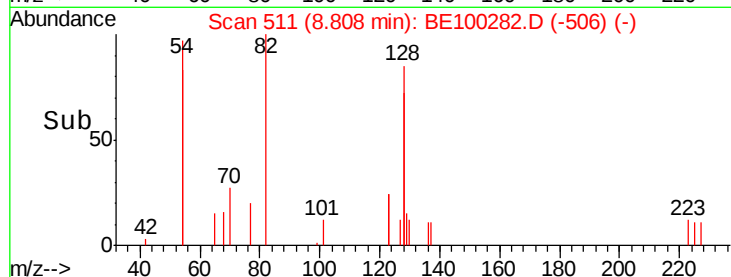
54 169.7 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.328 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

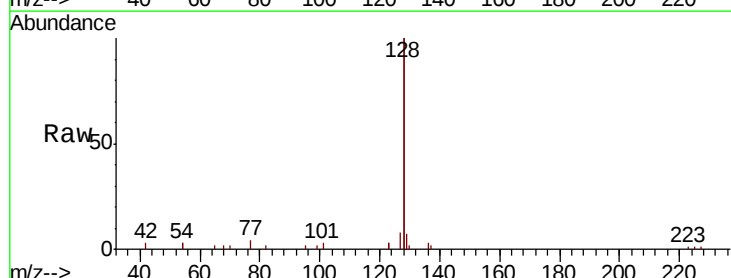
Tgt Ion: 128 Resp: 12199

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

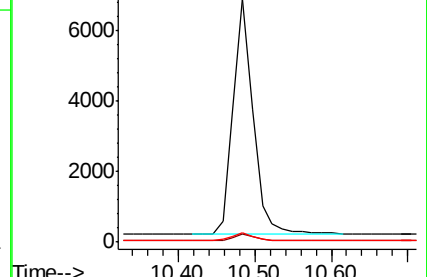
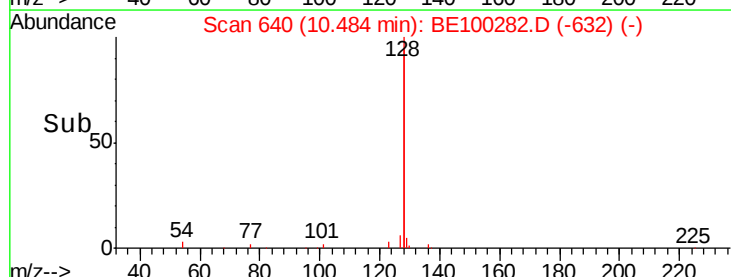
127 3.9 3.5 5.3

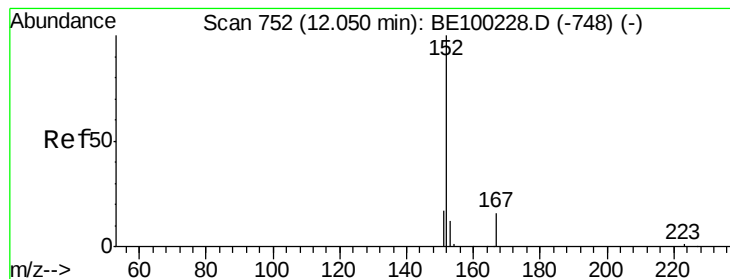


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Instrument :

BNA\_M

ClientSampleId :

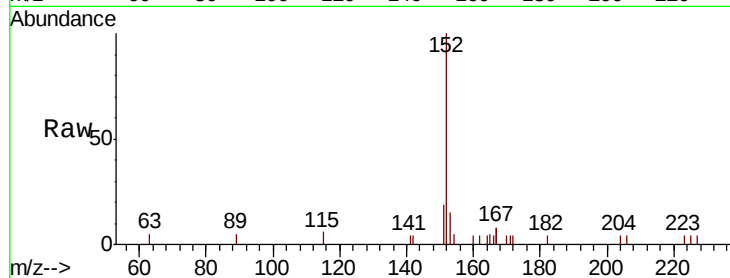
PST-007-B255-061819

Tgt Ion:152 Resp: 2215

Ion Ratio Lower Upper

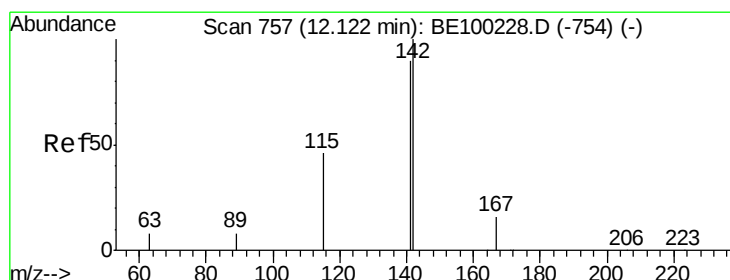
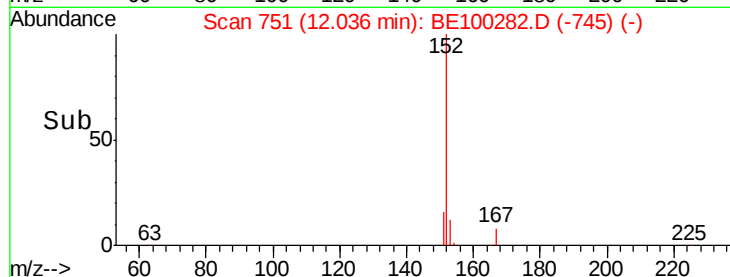
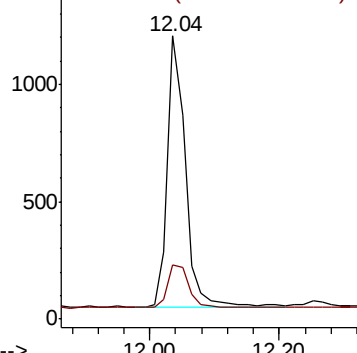
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.184 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

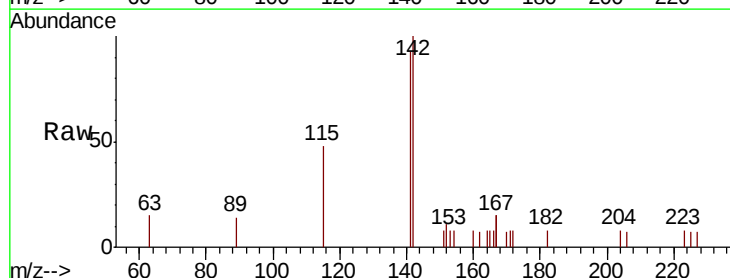
Tgt Ion:142 Resp: 1201

Ion Ratio Lower Upper

142 100

141 92.7 72.4 108.6

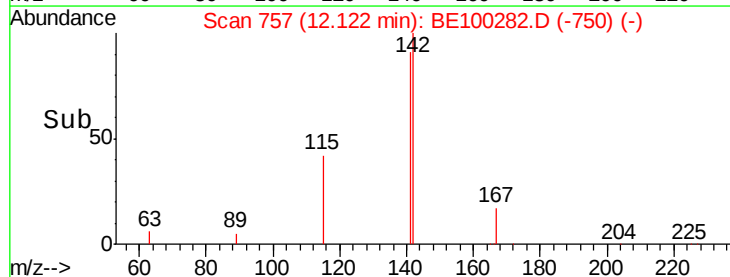
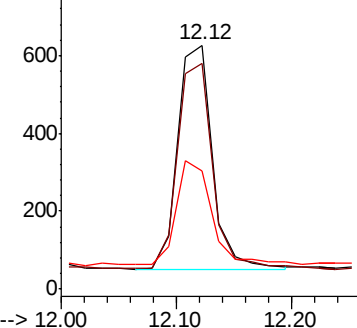
115 48.2 40.4 60.6

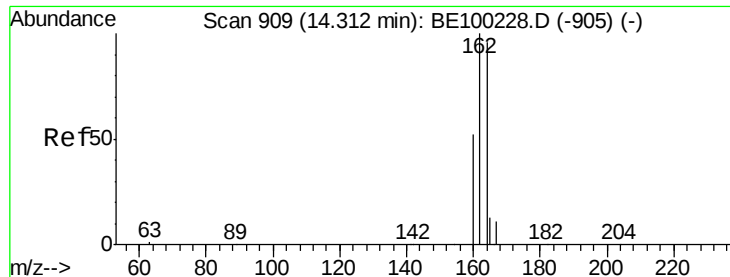


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Instrument :

BNA\_M

ClientSampleId :

PST-007-B255-061819

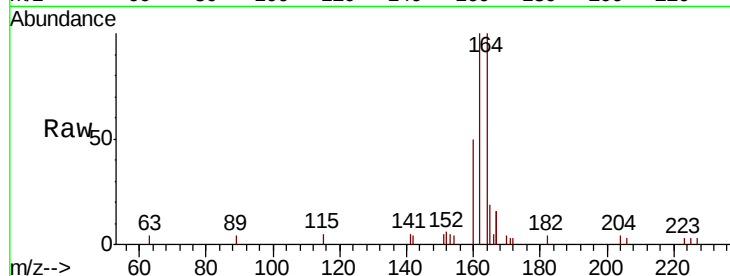
Tgt Ion:164 Resp: 2501

Ion Ratio Lower Upper

164 100

162 99.5 83.4 125.0

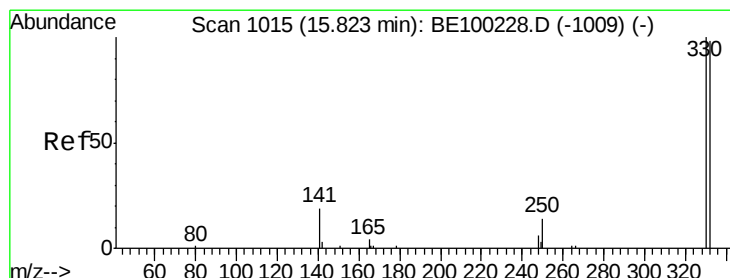
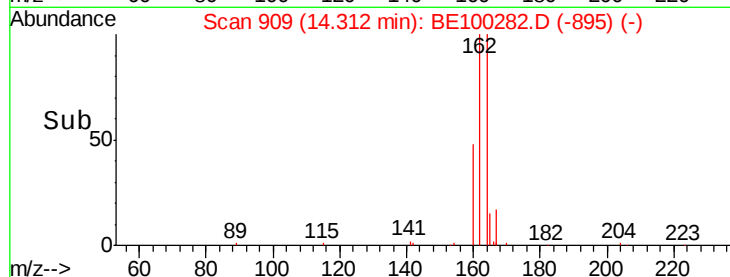
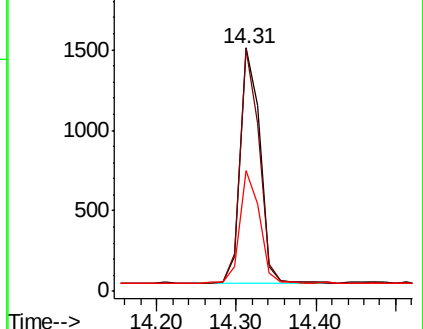
160 49.7 45.0 67.6



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: 0.253 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

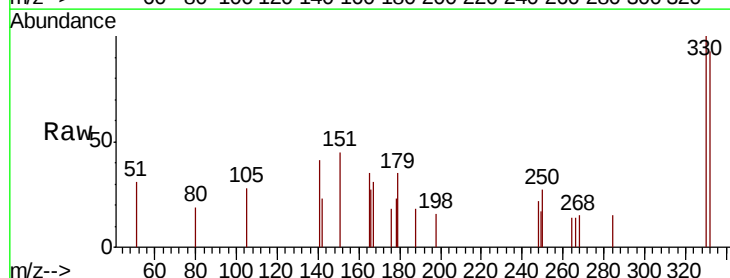
Tgt Ion:330 Resp: 442

Ion Ratio Lower Upper

330 100

332 99.8 77.0 115.4

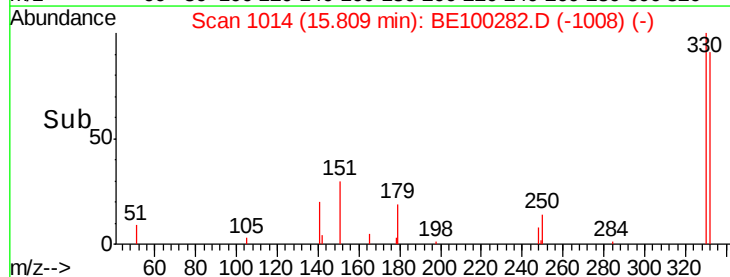
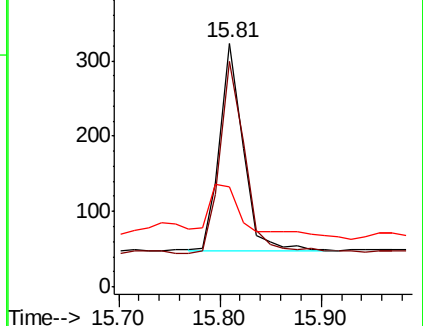
141 43.0 22.0 33.0#

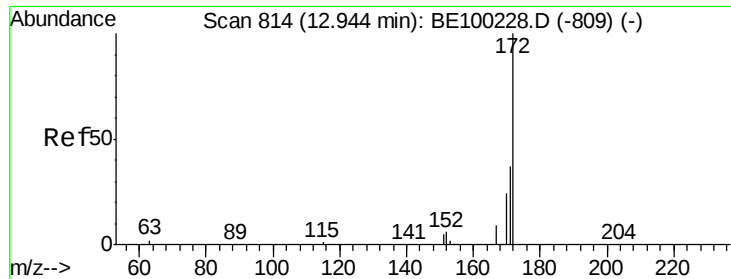


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

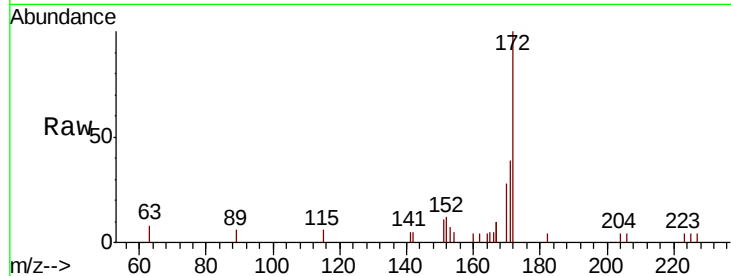




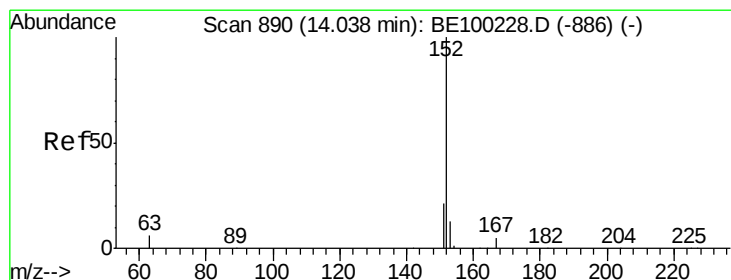
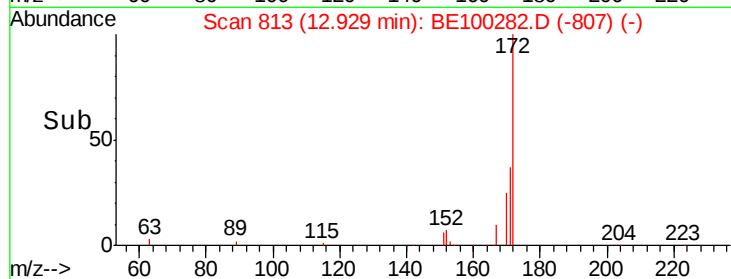
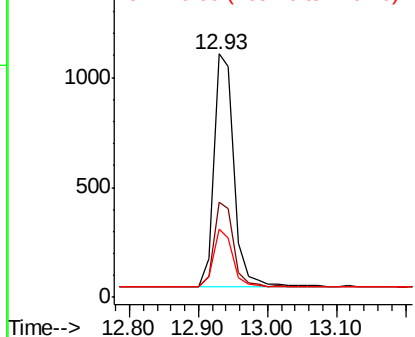
#15  
2-Fluorobiphenyl  
Concen: 0.226 ng  
RT: 12.93 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Instrument :  
BNA\_M  
ClientSampleId :  
PST-007-B255-061819

Tgt Ion:172 Resp: 2207  
Ion Ratio Lower Upper  
172 100  
171 39.2 31.9 47.9  
170 28.2 22.2 33.2

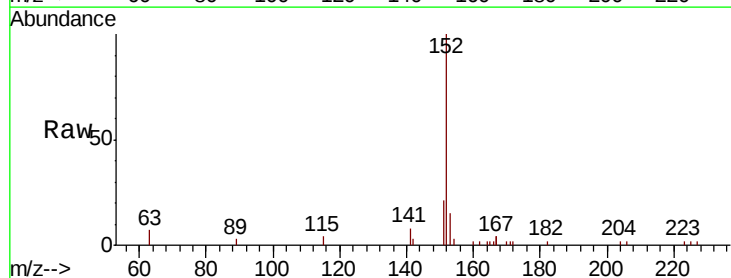


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

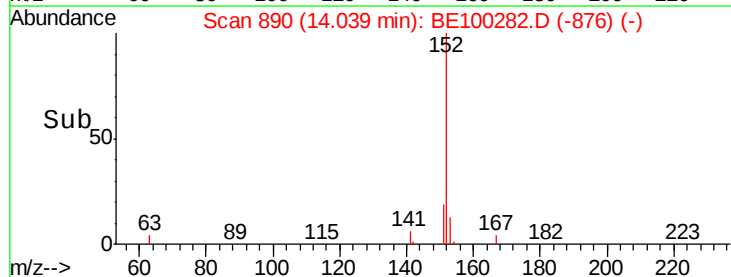
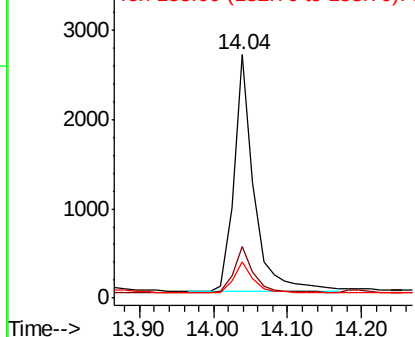


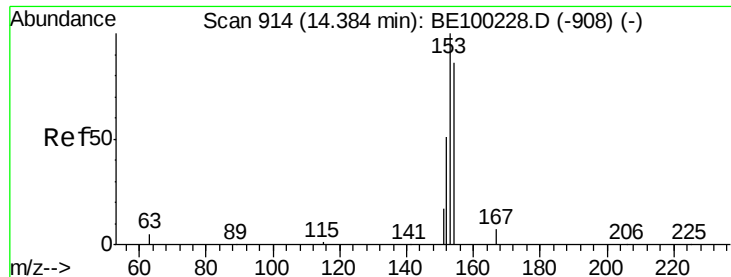
#16  
Acenaphthylene  
Concen: 0.413 ng  
RT: 14.04 min Scan# 890  
Delta R.T. 0.00 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Tgt Ion:152 Resp: 4960  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.6 25.0  
153 14.4 10.5 15.7



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

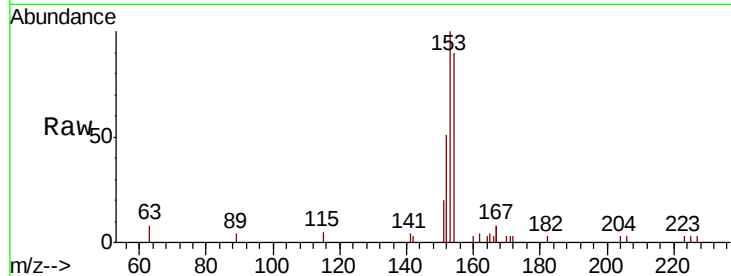




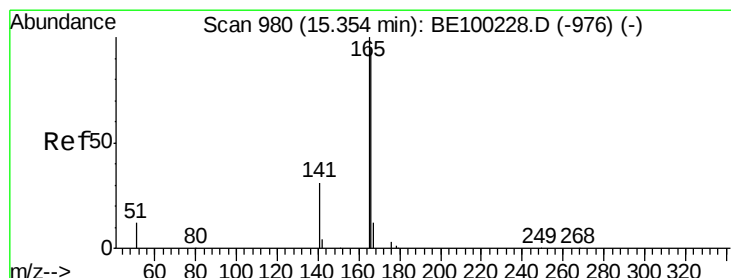
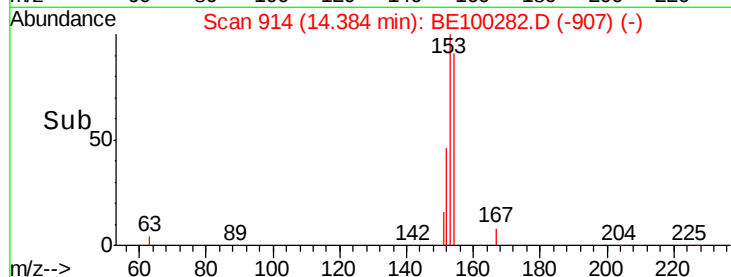
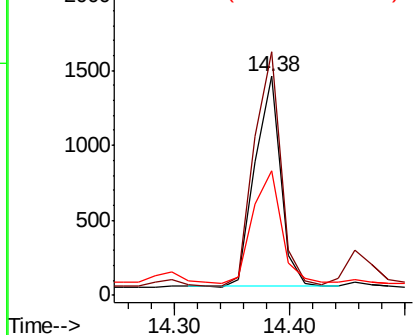
#17  
Acenaphthene  
Concen: 0.317 ng  
RT: 14.38 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Instrument :  
BNA\_M  
ClientSampleId :  
PST-007-B255-061819

Tgt Ion:154 Resp: 2159  
Ion Ratio Lower Upper  
154 100  
153 115.9 93.4 140.2  
152 60.1 49.4 74.2

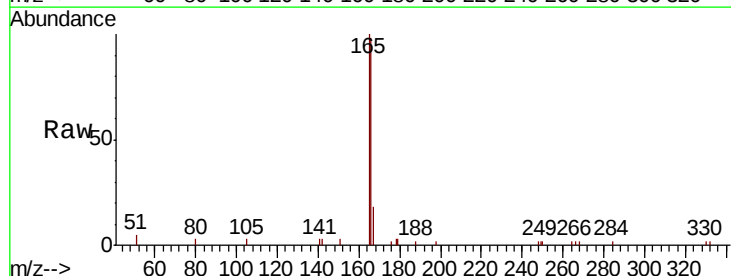


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

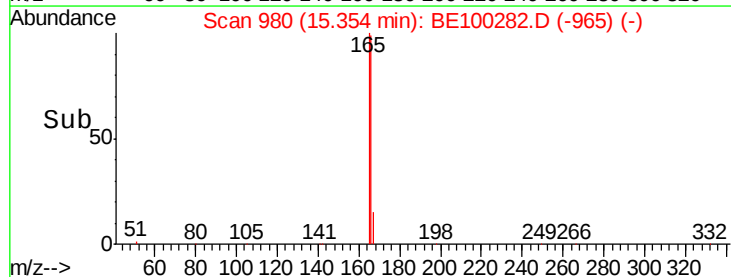
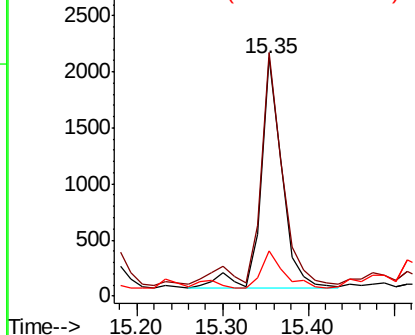


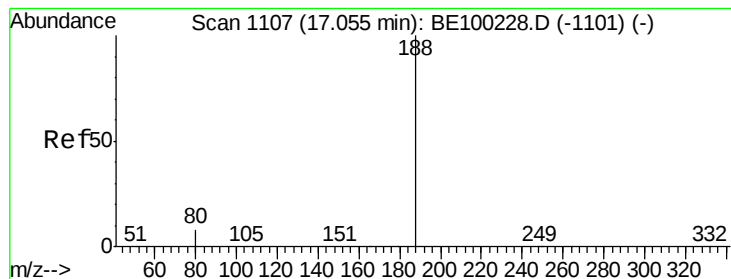
#18  
Fluorene  
Concen: 0.351 ng  
RT: 15.35 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Tgt Ion:166 Resp: 3535  
Ion Ratio Lower Upper  
166 100  
165 109.3 81.1 121.7  
167 16.4 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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Instrument :

BNA\_M

ClientSampleId :

PST-007-B255-061819

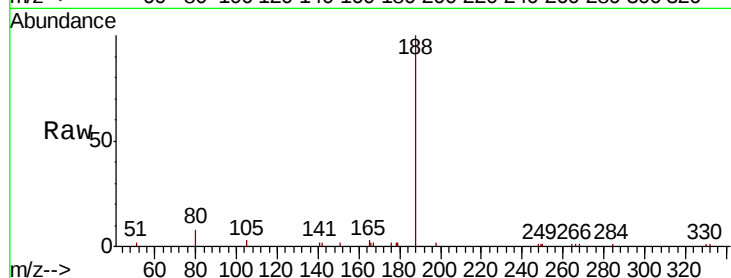
Tgt Ion:188 Resp: 6994

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

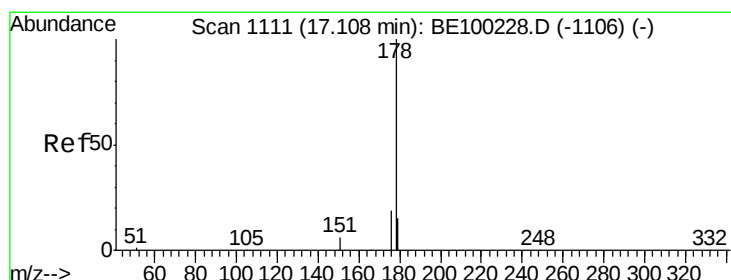
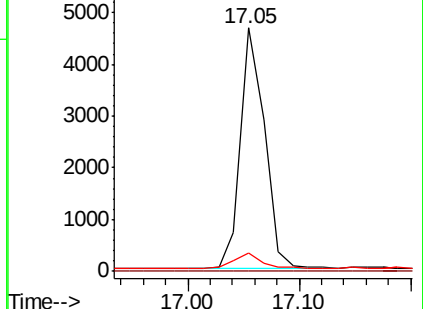
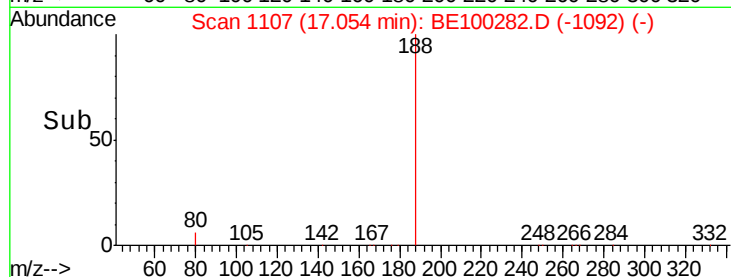
80 7.6 7.6 11.4



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



#23

Phenanthrene

Concen: 5.807 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

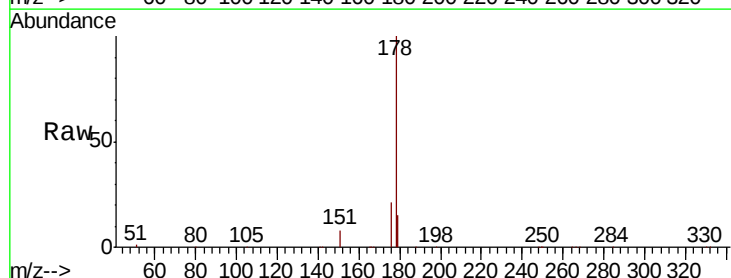
Tgt Ion:178 Resp: 98434

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

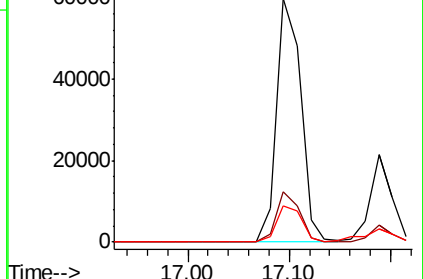
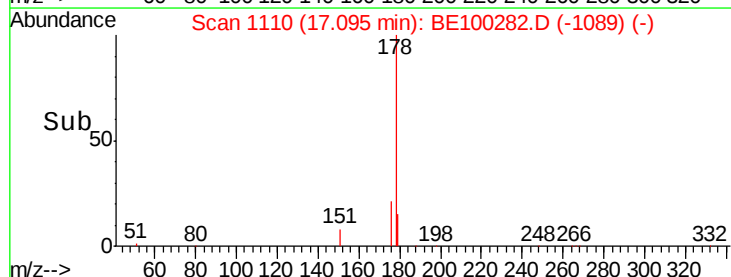
179 15.2 12.2 18.2

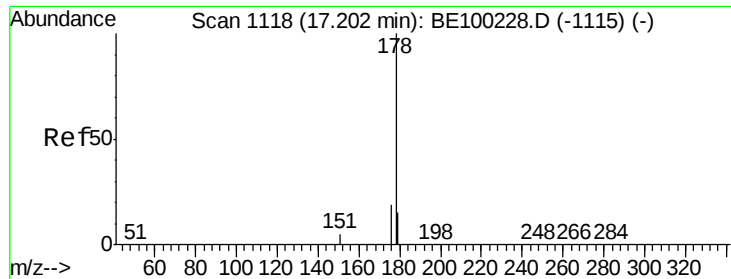


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 2.088 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Instrument :

BNA\_M

ClientSampleId :

PST-007-B255-061819

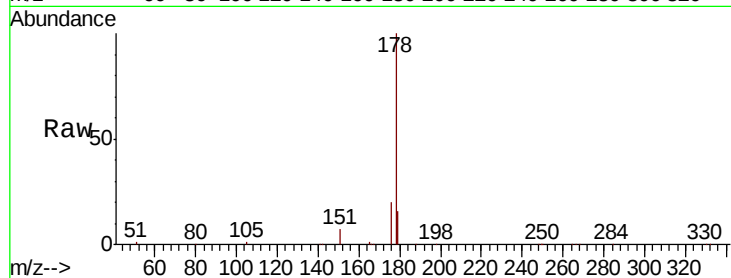
Tgt Ion:178 Resp: 31867

Ion Ratio Lower Upper

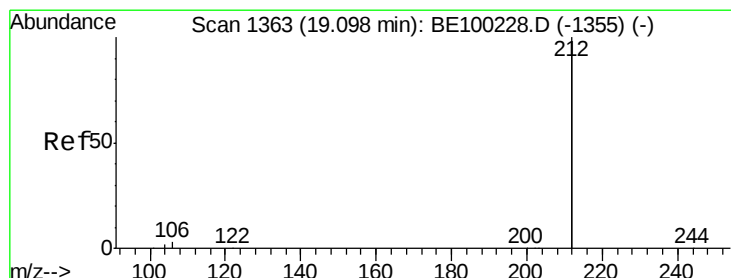
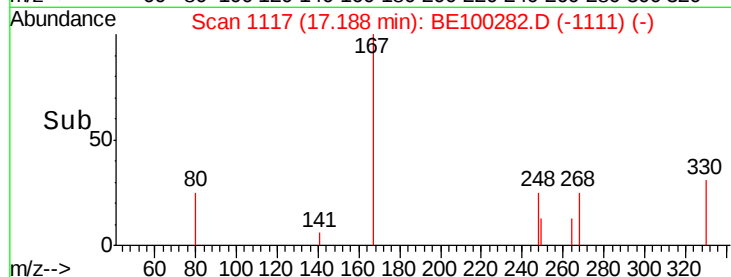
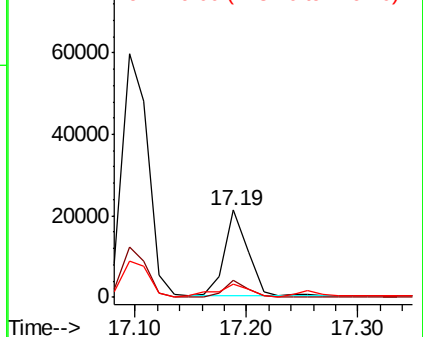
178 100

176 18.7 15.3 22.9

179 17.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

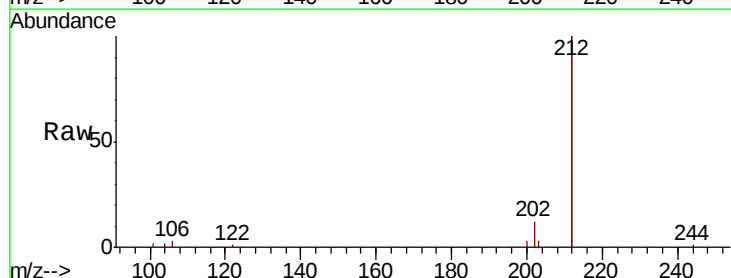
Tgt Ion:212 Resp: 32340

Ion Ratio Lower Upper

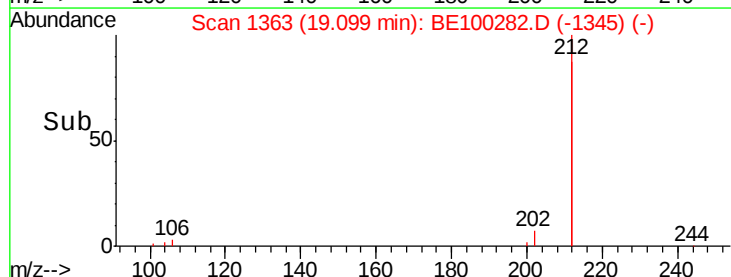
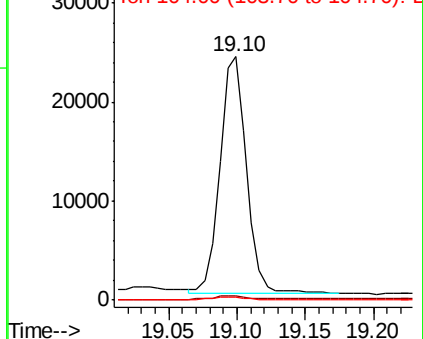
212 100

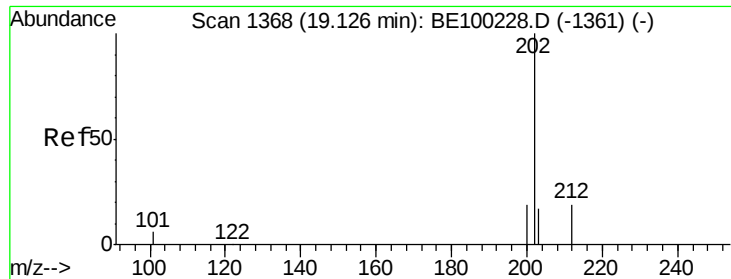
106 1.7 1.3 1.9

104 1.0 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

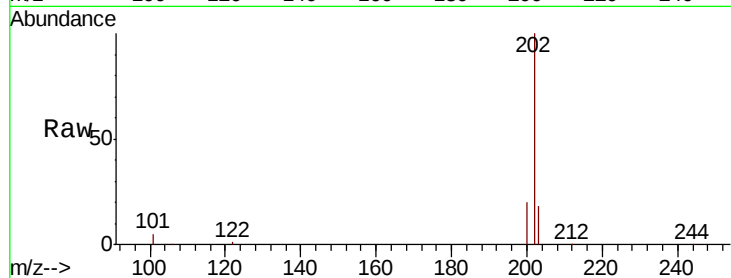




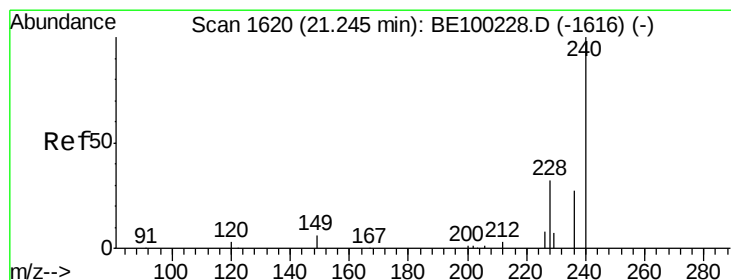
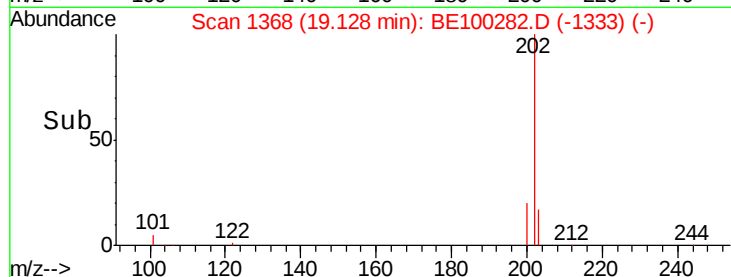
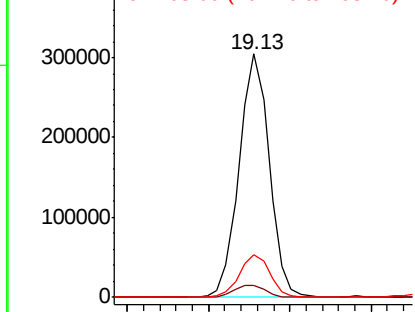
#26  
 Fluoranthene  
 Concen: 14.543 ng  
 RT: 19.13 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: BE100282.D  
 Acq: 2 Jul 2019 2:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-007-B255-061819

Tgt Ion: 202 Resp: 392663  
 Ion Ratio Lower Upper  
 202 100  
 101 5.3 4.6 7.0  
 203 17.7 13.7 20.5

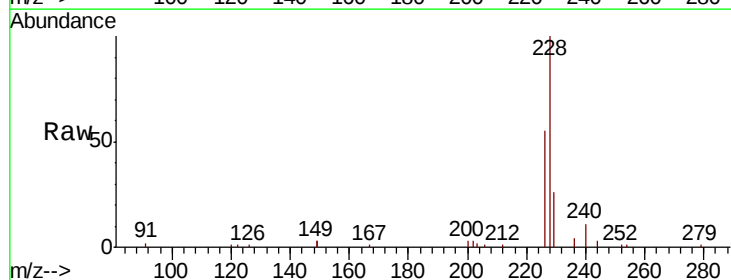


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

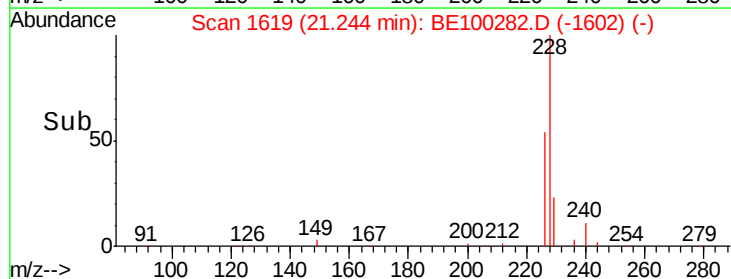
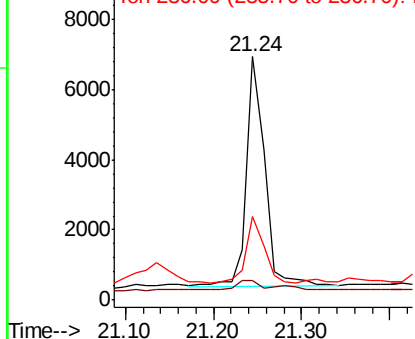


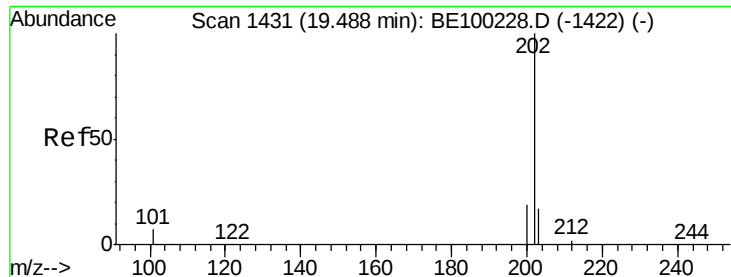
#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.24 min Scan# 1619  
 Delta R.T. -0.00 min  
 Lab File: BE100282.D  
 Acq: 2 Jul 2019 2:20

Tgt Ion: 240 Resp: 9482  
 Ion Ratio Lower Upper  
 240 100  
 120 8.2 3.3 4.9#  
 236 34.3 22.6 34.0#



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





#28

Pyrene

Concen: 14.693 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

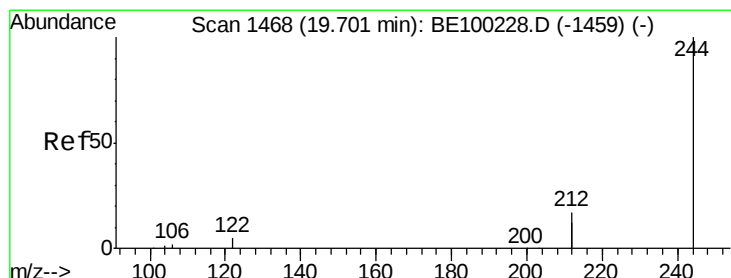
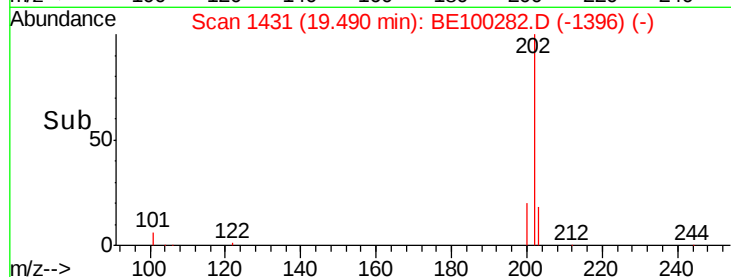
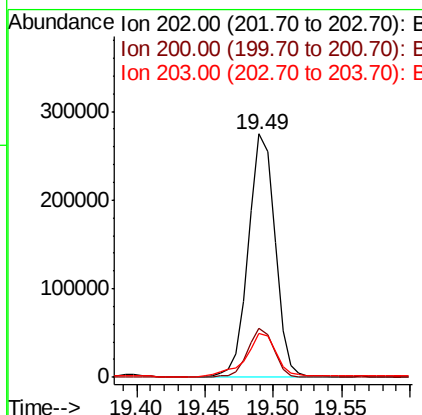
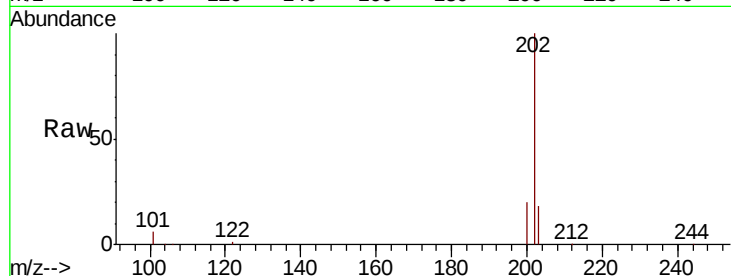
Instrument :

BNA\_M

ClientSampleId :

PST-007-B255-061819

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 368864 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 19.9  | 15.6  | 23.4   |
| 203      | 21.1  | 14.0  | 21.0#  |



#29

Terphenyl-d14

Concen: 0.224 ng

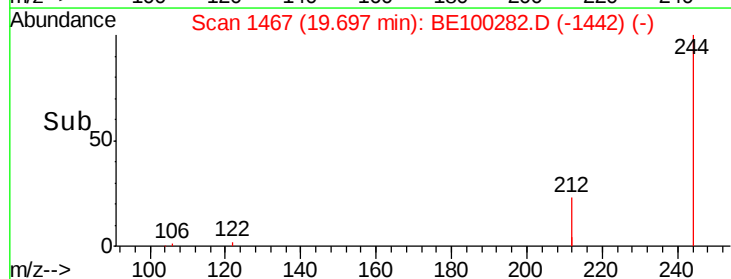
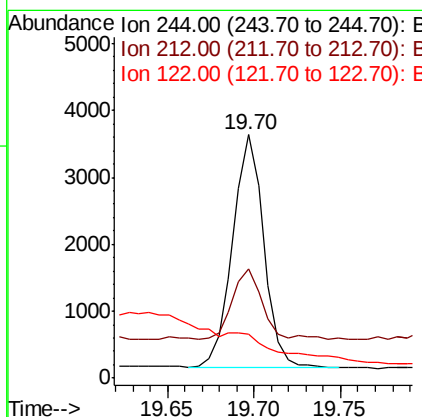
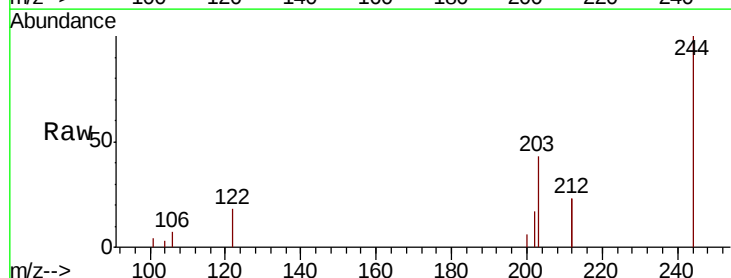
RT: 19.70 min Scan# 1467

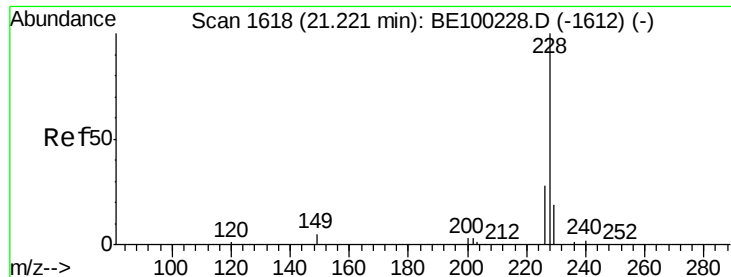
Delta R.T. -0.00 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 4408  |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 45.1  | 27.3  | 40.9# |
| 122      | 18.1  | 4.7   | 7.1#  |

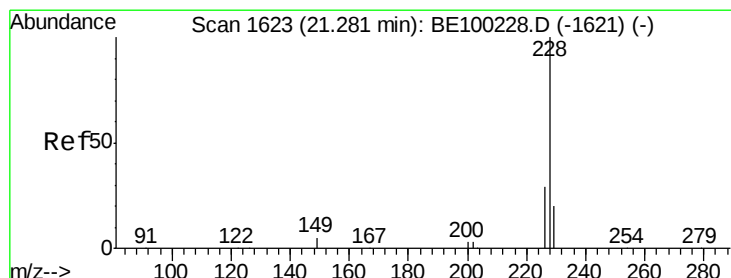
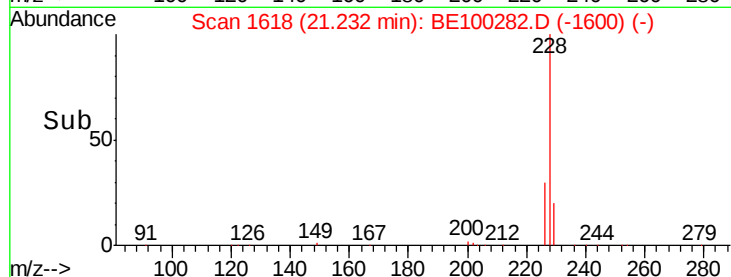
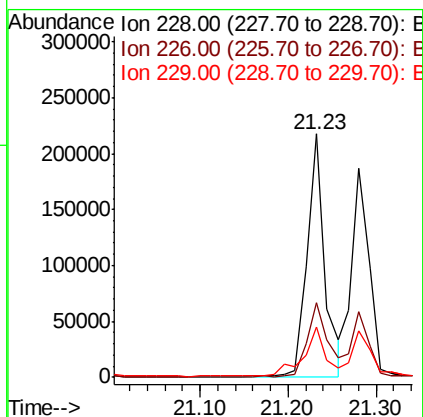
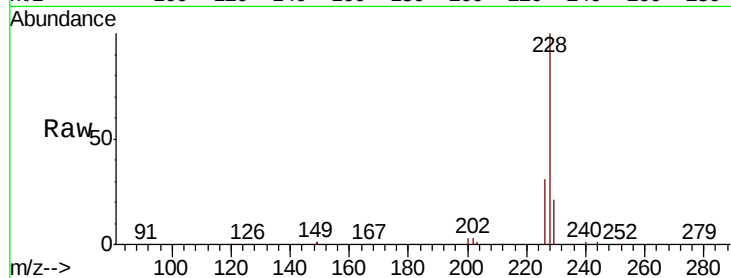




#30  
Benzo(a)anthracene  
Concen: 9.809 ng  
RT: 21.23 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

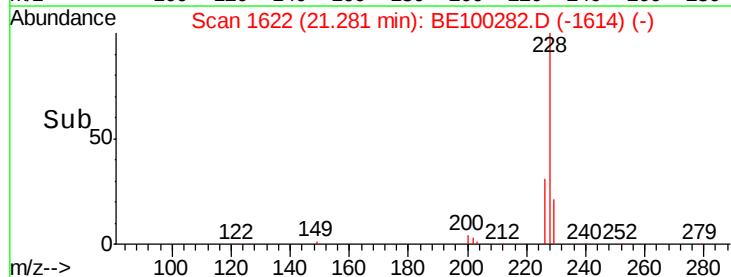
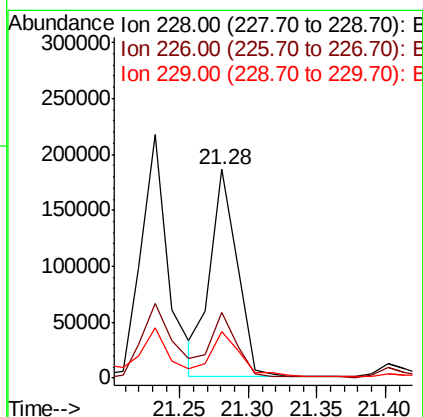
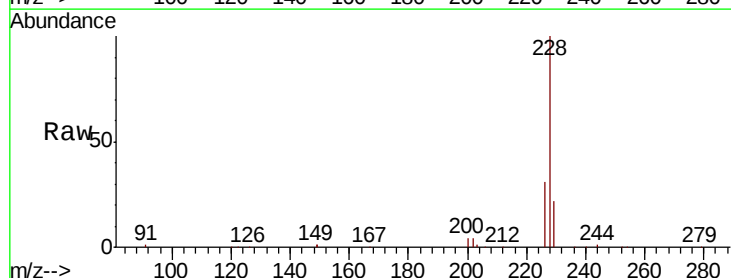
Instrument :  
BNA\_M  
ClientSampleId :  
PST-007-B255-061819

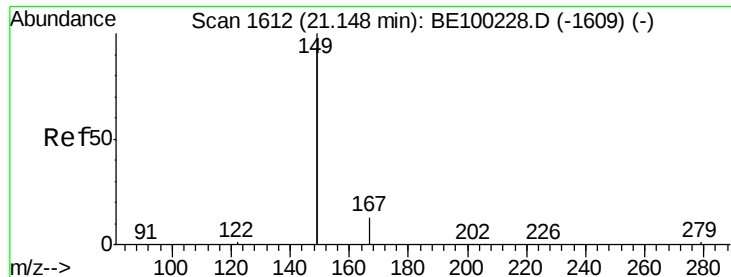
Tgt Ion:228 Resp: 305800  
Ion Ratio Lower Upper  
228 100  
226 30.6 23.2 34.8  
229 20.9 15.7 23.5



#31  
Chrysene  
Concen: 8.131 ng  
RT: 21.28 min Scan# 1622  
Delta R.T. -0.00 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Tgt Ion:228 Resp: 254546  
Ion Ratio Lower Upper  
228 100  
226 31.2 23.9 35.9  
229 22.1 16.5 24.7

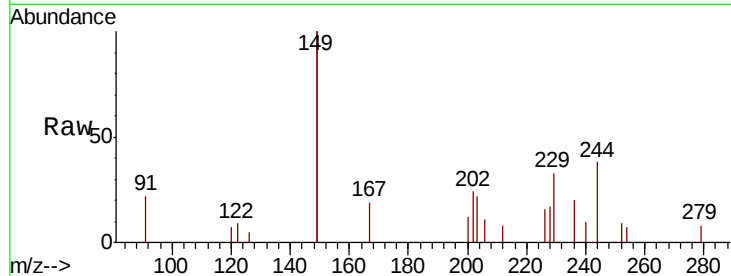




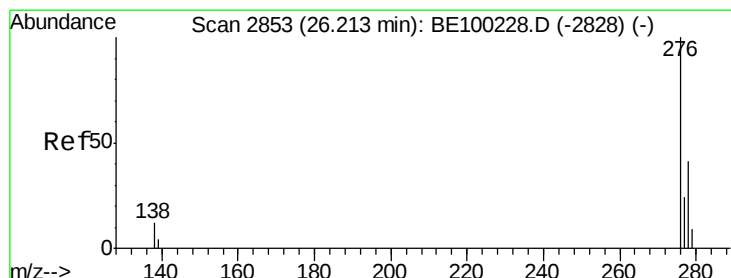
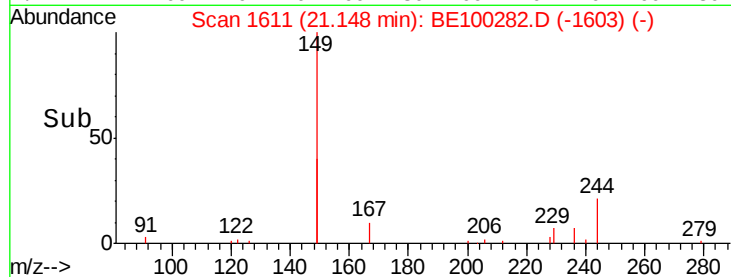
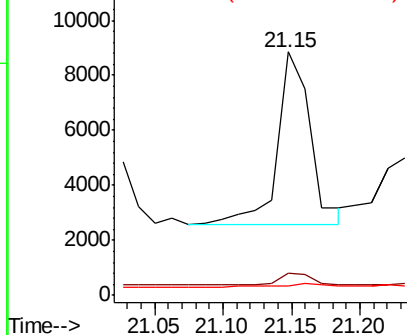
#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.182 ng  
 RT: 21.15 min Scan# 1611  
 Delta R.T. 0.00 min  
 Lab File: BE100282.D  
 Acq: 2 Jul 2019 2:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-007-B255-061819

Tgt Ion:149 Resp: 10578  
 Ion Ratio Lower Upper  
 149 100  
 167 7.3 5.8 8.8  
 279 2.0 1.1 1.7#

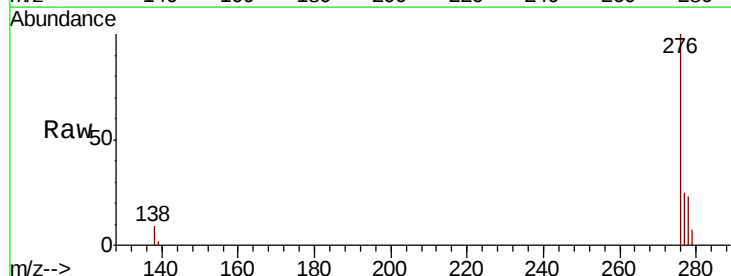


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

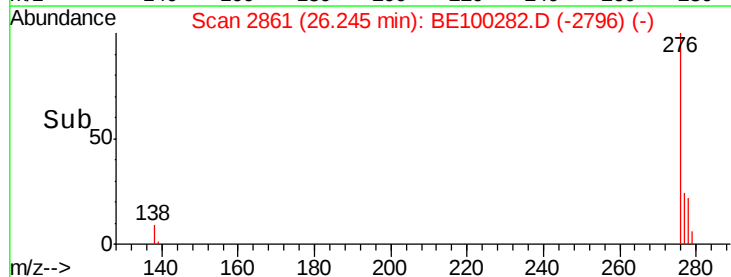
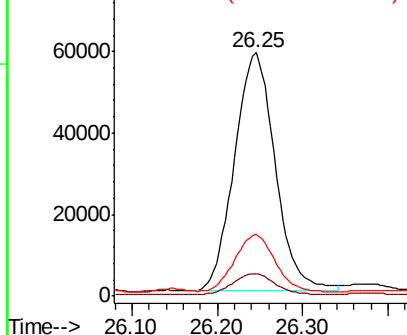


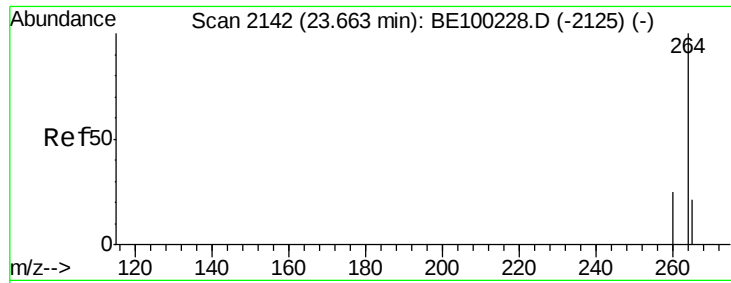
#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.706 ng  
 RT: 26.25 min Scan# 2861  
 Delta R.T. 0.03 min  
 Lab File: BE100282.D  
 Acq: 2 Jul 2019 2:20

Tgt Ion:276 Resp: 194883  
 Ion Ratio Lower Upper  
 276 100  
 138 8.7 9.4 14.0#  
 277 23.5 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

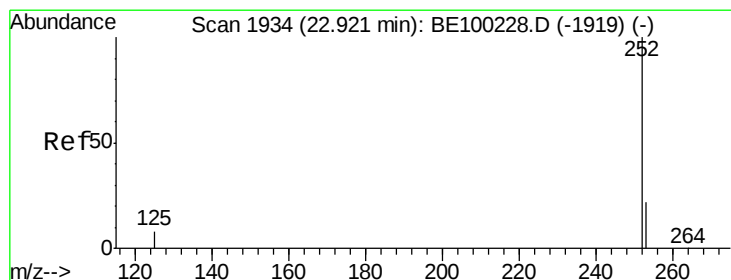
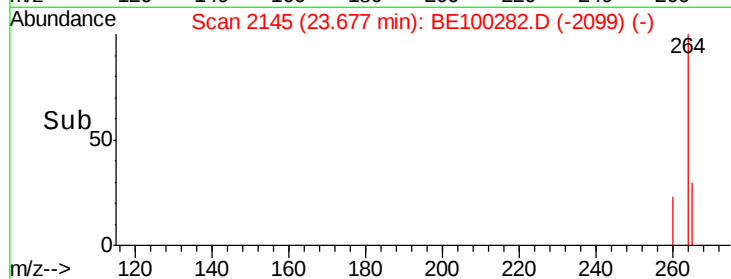
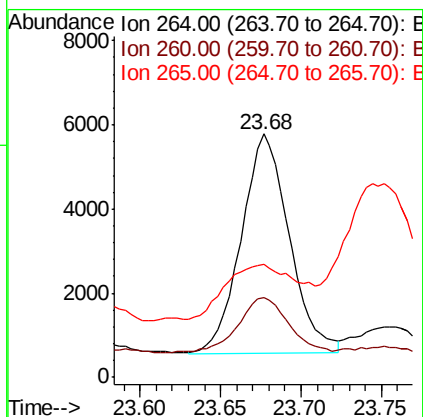
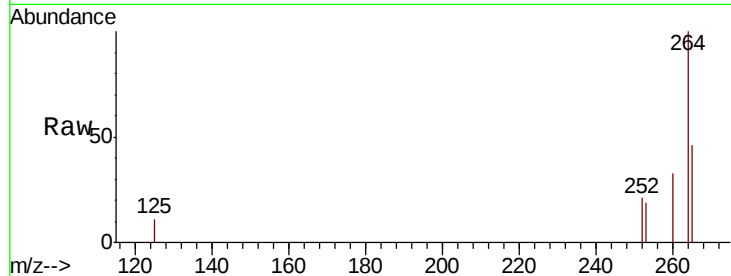




#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.68 min Scan# 2145  
Delta R.T. 0.01 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

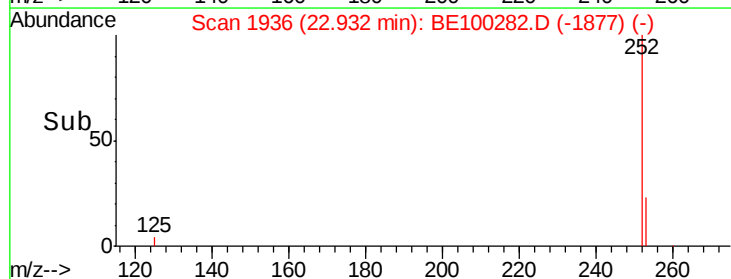
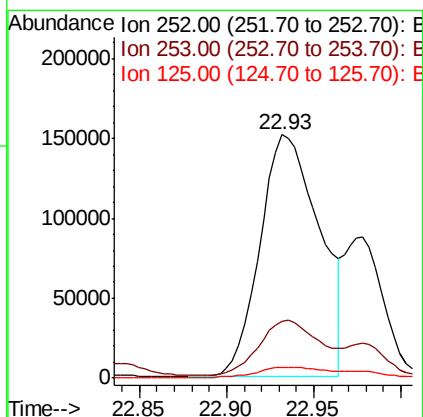
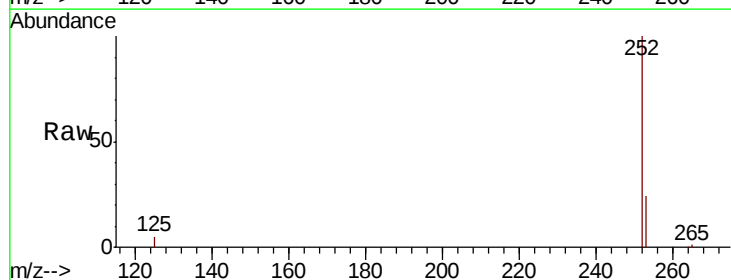
Instrument :  
BNA\_M  
ClientSampleId :  
PST-007-B255-061819

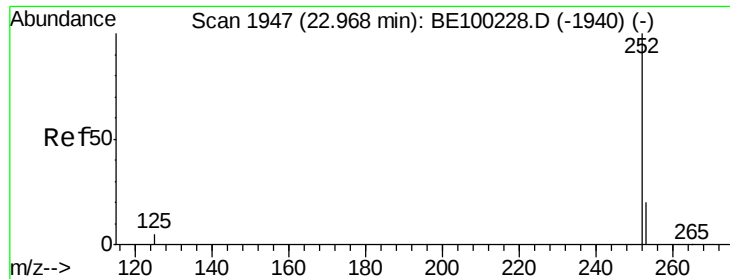
Tgt Ion: 264 Resp: 10833  
Ion Ratio Lower Upper  
264 100  
260 32.5 20.8 31.2#  
265 46.2 21.8 32.6#



#35  
Benzo(b)fluoranthene  
Concen: 12.251 ng  
RT: 22.93 min Scan# 1936  
Delta R.T. 0.01 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Tgt Ion: 252 Resp: 359813  
Ion Ratio Lower Upper  
252 100  
253 23.6 19.2 28.8  
125 4.5 7.4 11.0#

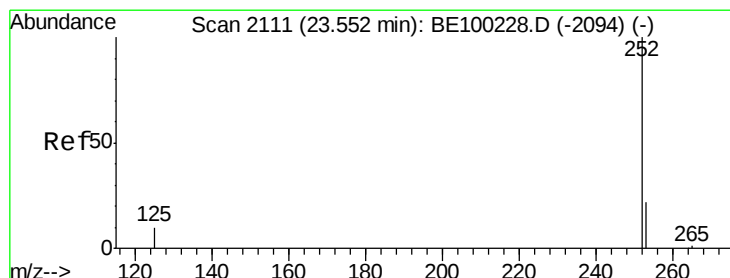
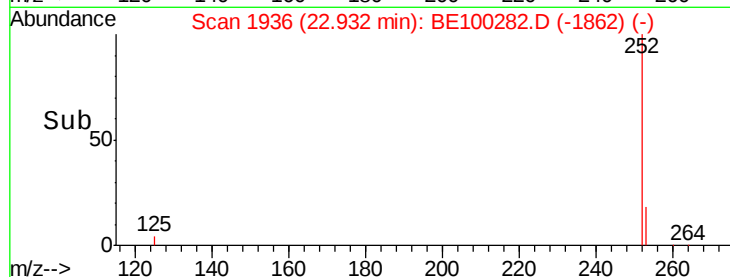
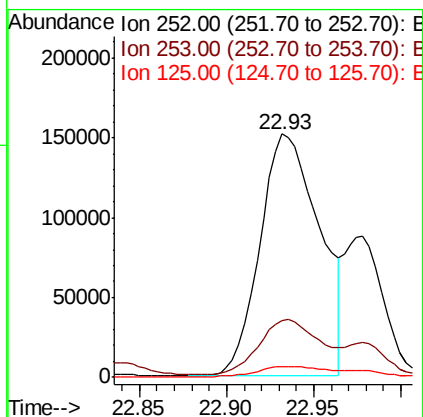
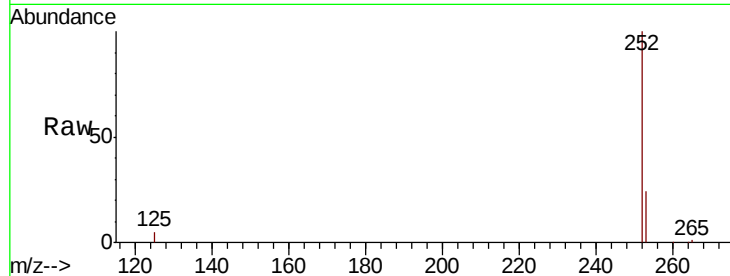




#36  
Benzo(k)fluoranthene  
Concen: 10.975 ng  
RT: 22.93 min Scan# 1936  
Delta R.T. -0.04 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

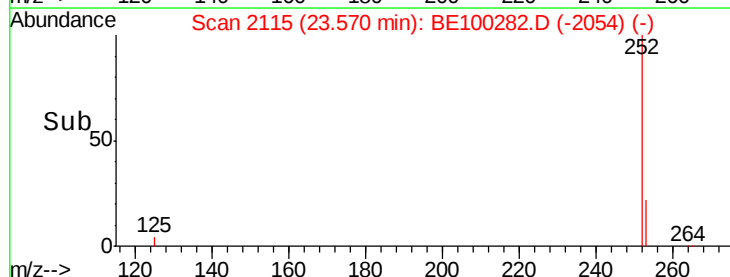
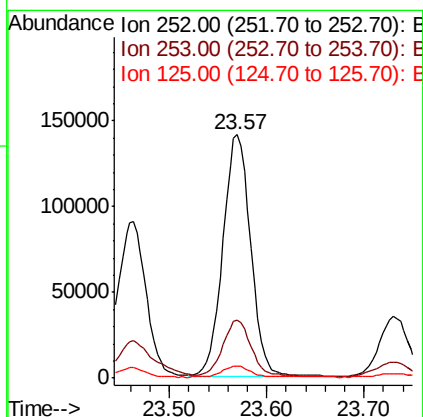
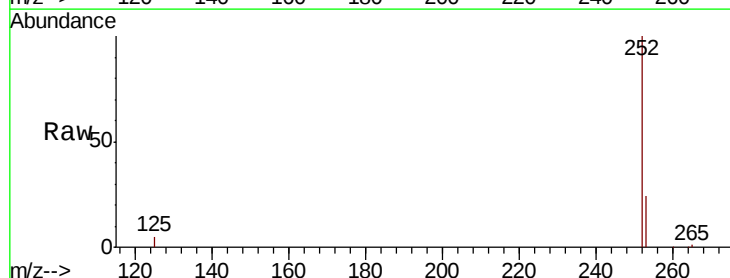
Instrument :  
BNA\_M  
ClientSampleId :  
PST-007-B255-061819

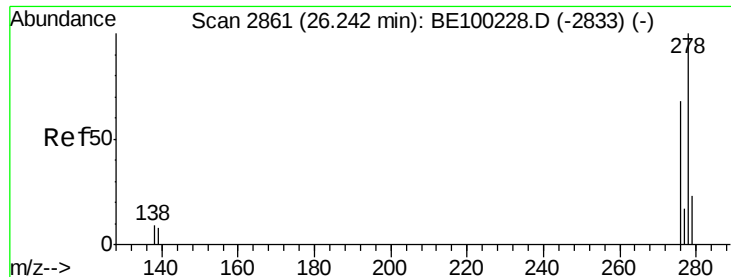
Tgt Ion: 252 Resp: 359813  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.9 26.9  
125 4.5 5.0 7.4#



#37  
Benzo(a)pyrene  
Concen: 9.422 ng  
RT: 23.57 min Scan# 2115  
Delta R.T. 0.02 min  
Lab File: BE100282.D  
Acq: 2 Jul 2019 2:20

Tgt Ion: 252 Resp: 277339  
Ion Ratio Lower Upper  
252 100  
253 23.6 19.6 29.4  
125 4.9 9.0 13.6#





#38

Dibenzo(a,h)anthracene

Concen: 1.691 ng

RT: 26.26 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

Instrument :

BNA\_M

ClientSampleId :

PST-007-B255-061819

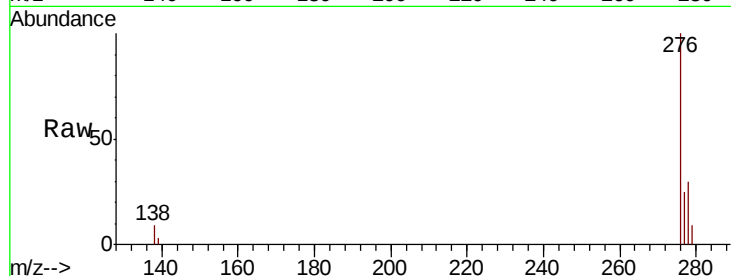
Tgt Ion: 278 Resp: 51978

Ion Ratio Lower Upper

278 100

139 8.6 8.2 12.2

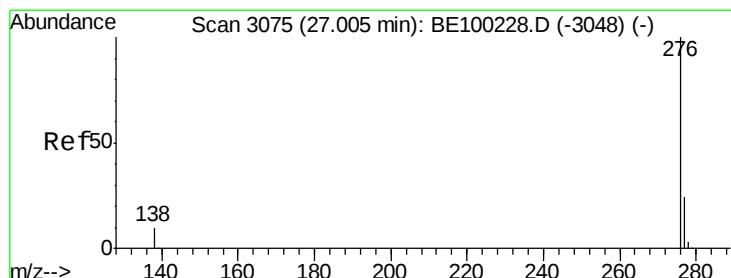
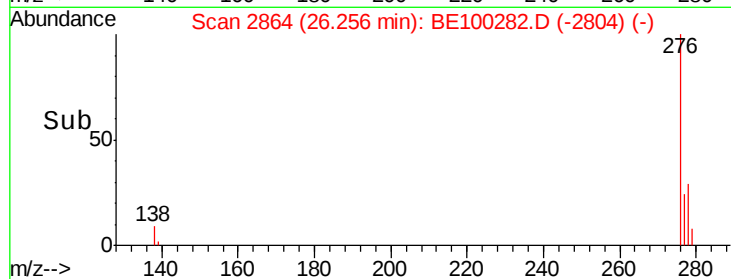
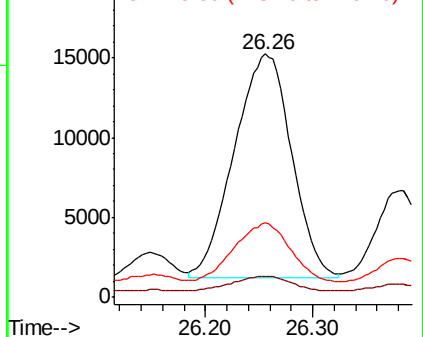
279 30.5 20.3 30.5#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 5.789 ng

RT: 27.04 min Scan# 3083

Delta R.T. 0.03 min

Lab File: BE100282.D

Acq: 2 Jul 2019 2:20

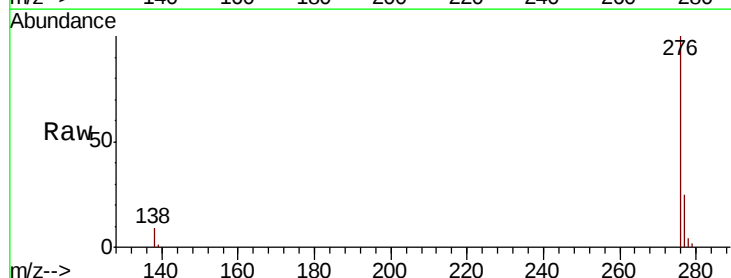
Tgt Ion: 276 Resp: 182820

Ion Ratio Lower Upper

276 100

277 24.6 20.2 30.2

138 9.4 9.0 13.6



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

