

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\  
 Data File : BE100339.D  
 Acq On : 3 Jul 2019 21:31  
 Operator : JU/SJ  
 Sample : K3560-16  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-009-B222-062419

Quant Time: Jul 04 00:37:11 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 | 7.63  | 152  | 649      | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.43 | 136  | 2208     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 1910     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.05 | 188  | 6069     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.25 | 240  | 8700     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.66 | 264  | 9894     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.20  | 112 | 620   | 0.37 | ng | -0.01 |
| 5) Phenol-d6                | 6.83  | 99  | 793   | 0.36 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 8.81  | 82  | 723   | 0.33 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 1511  | 0.36 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330 | 567   | 0.42 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.93 | 172 | 2249  | 0.30 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.09 | 212 | 26571 | 0.30 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.69 | 244 | 6240  | 0.35 | ng | -0.01 |

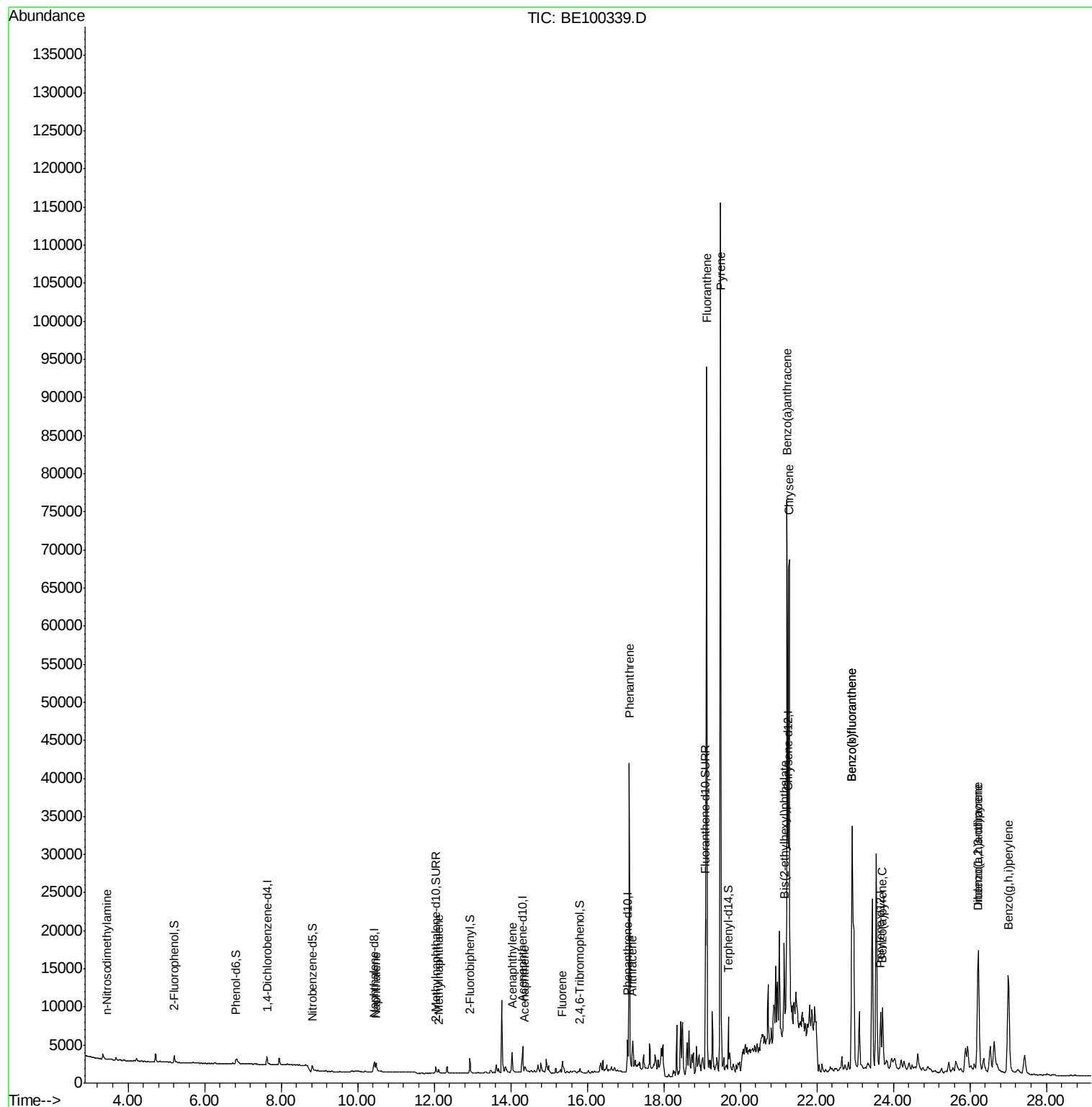
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 3) n-Nitrosodimethylamine      | 3.45  | 42  | 39     | 0.083  | ng | # 1  |
| 9) Naphthalene                 | 10.48 | 128 | 2549   | 0.105  | ng | # 93 |
| 12) 2-Methylnaphthalene        | 12.11 | 142 | 438    | 0.102  | ng | # 90 |
| 16) Acenaphthylene             | 14.04 | 152 | 4013   | 0.438  | ng | 98   |
| 17) Acenaphthene               | 14.37 | 154 | 402    | 0.077  | ng | 97   |
| 18) Fluorene                   | 15.35 | 166 | 1452   | 0.189  | ng | # 86 |
| 23) Phenanthrene               | 17.09 | 178 | 42592  | 2.896  | ng | 100  |
| 24) Anthracene                 | 17.19 | 178 | 3788   | 0.286  | ng | 97   |
| 26) Fluoranthene               | 19.12 | 202 | 85360  | 3.643  | ng | 98   |
| 28) Pylene                     | 19.48 | 202 | 106110 | 4.607  | ng | 97   |
| 30) Benzo(a)anthracene         | 21.22 | 228 | 61767  | 2.159  | ng | 96   |
| 31) Chrysene                   | 21.28 | 228 | 69109  | 2.406  | ng | 97   |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 12354  | 0.248  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.22 | 276 | 32122  | 0.845  | ng | # 98 |
| 35) Benzo(b)fluoranthene       | 22.92 | 252 | 63598  | 2.371  | ng | # 97 |
| 36) Benzo(k)fluoranthene       | 22.92 | 252 | 63598  | 2.124  | ng | 98   |
| 37) Benzo(a)pyrene             | 23.72 | 252 | 9647   | 0.359  | ng | 93   |
| 38) Dibenzo(a,h)anthracene     | 26.23 | 278 | 8589   | 0.306  | ng | # 83 |
| 39) Benzo(g,h,i)perylene       | 27.01 | 276 | 34142  | 1.184  | ng | 99   |

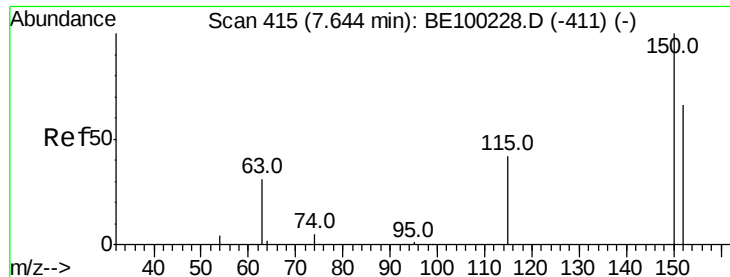
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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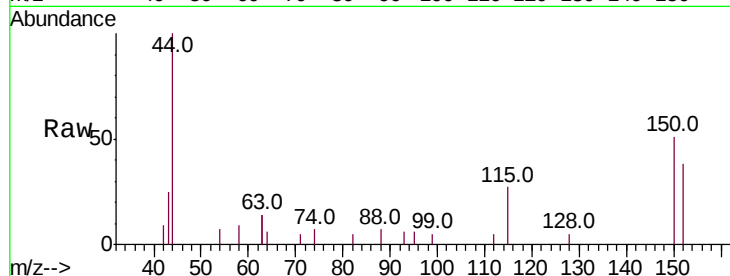


#1

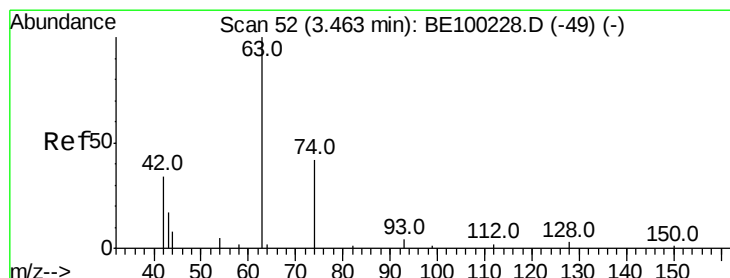
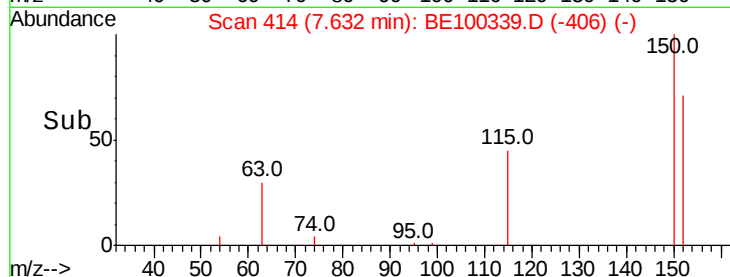
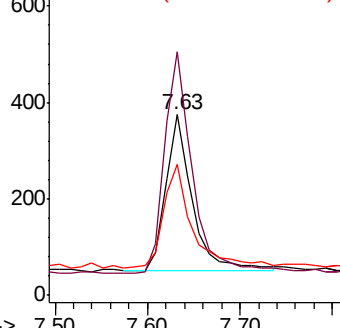
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.63 min Scan# 414  
Delta R.T. -0.01 min  
Lab File: BE100339.D  
Acq: 3 Jul 2019 21:31

Instrument :  
BNA\_E  
ClientSampleId :  
PST-009-B222-062419

Tot Ion:152 Resp: 649  
Ion Ratio Lower Upper  
152 100  
150 134.7 114.5 171.7  
115 72.5 57.1 85.7



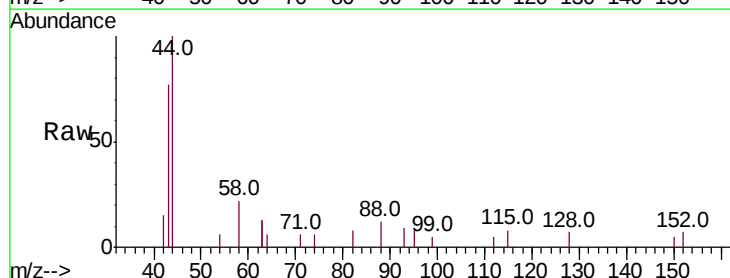
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



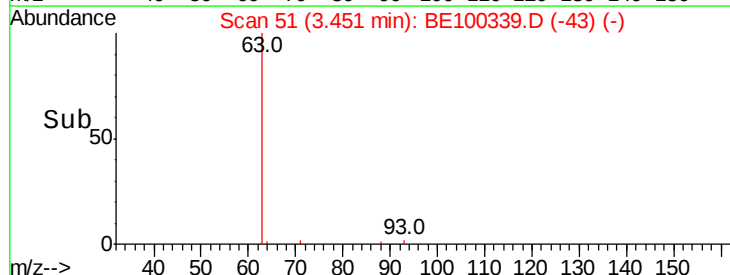
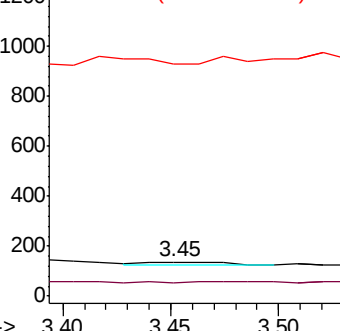
#3

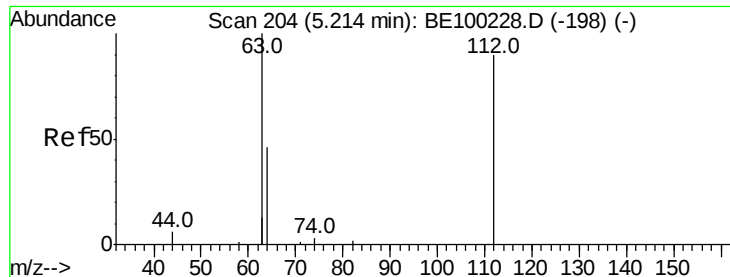
n-Nitrosodimethylamine  
Concen: 0.083 ng  
RT: 3.45 min Scan# 51  
Delta R.T. -0.01 min  
Lab File: BE100339.D  
Acq: 3 Jul 2019 21:31

Tgt Ion: 42 Resp: 39  
Ion Ratio Lower Upper  
42 100  
74 0.0 130.6 196.0#  
44 0.0 38.0 57.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1  
Ion 74.00 (73.70 to 74.70): BE1  
Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.375 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

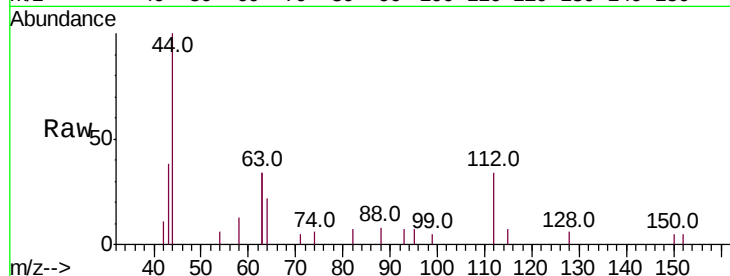
Tot Ion: 112 Resp: 620

Ion Ratio Lower Upper

112 100

64 53.5 39.4 59.0

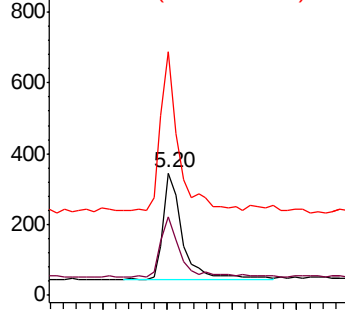
63 135.3 104.5 156.7



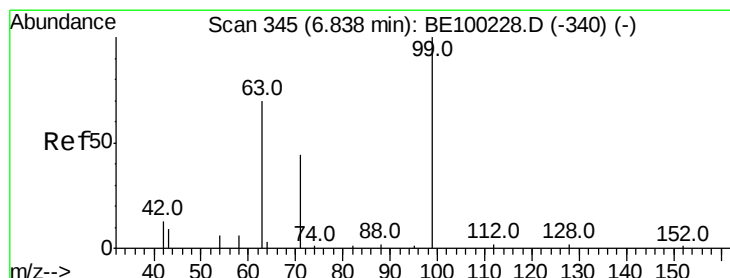
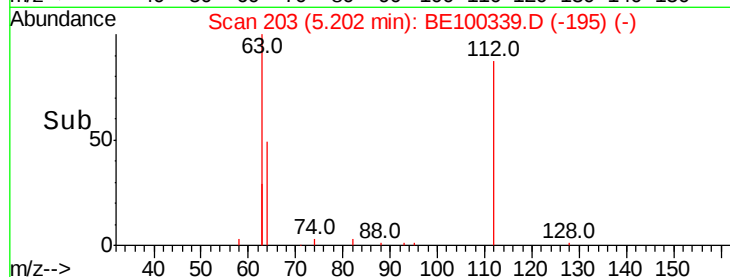
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



Time-->



#5

Phenol-d6

Concen: 0.364 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

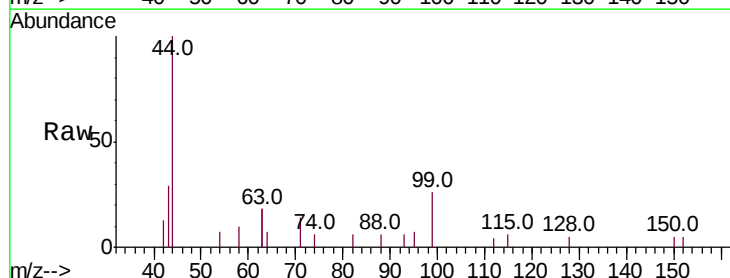
Tgt Ion: 99 Resp: 793

Ion Ratio Lower Upper

99 100

42 23.8 11.2 16.8#

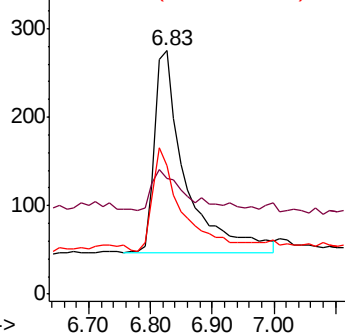
71 48.4 37.2 55.8



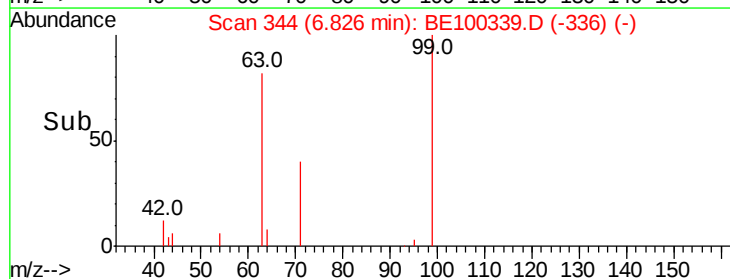
Abundance Ion 99.00 (98.70 to 99.70): BE1

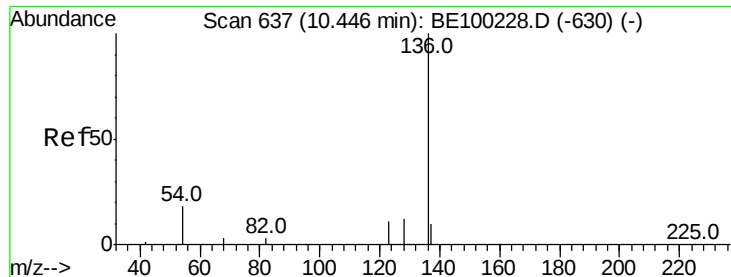
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

Tot Ion:136 Resp: 2208

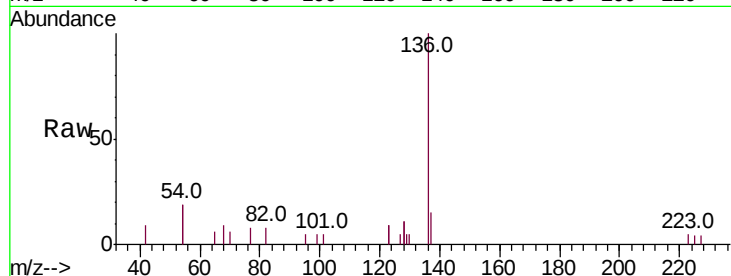
Ion Ratio Lower Upper

136 100

137 14.7 11.8 17.8

54 38.2 27.7 41.5

68 8.9 6.8 10.2

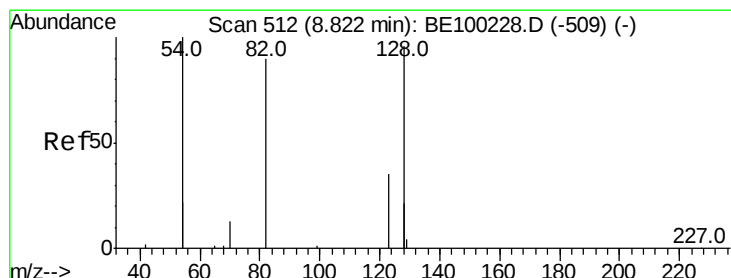
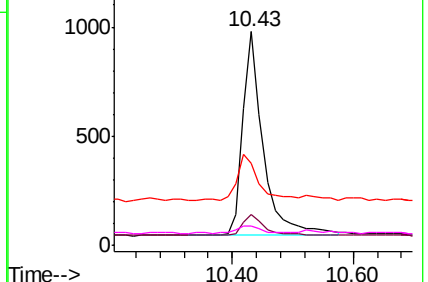
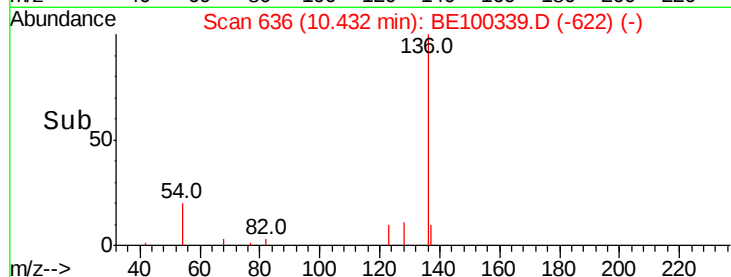


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

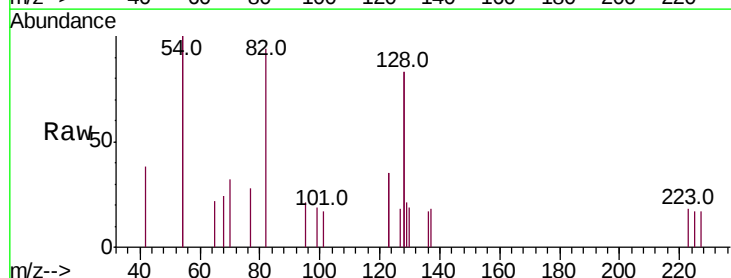
Tgt Ion: 82 Resp: 723

Ion Ratio Lower Upper

82 100

128 175.7 140.9 211.3

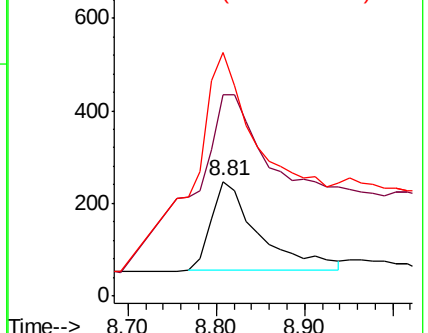
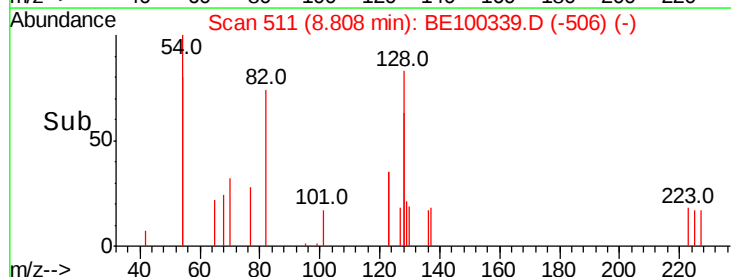
54 213.0 146.2 219.2

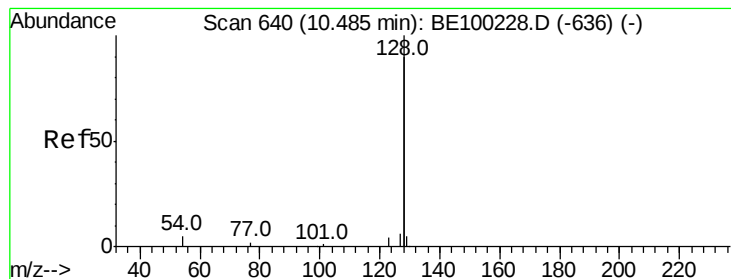


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.105 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

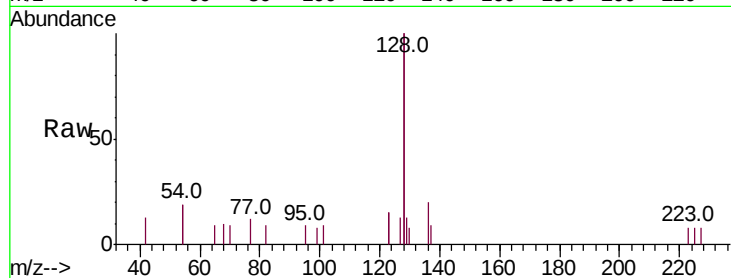
Tot Ion:128 Resp: 2549

Ion Ratio Lower Upper

128 100

129 6.5 3.0 4.6#

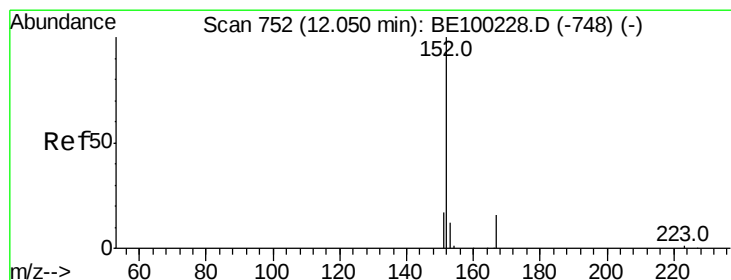
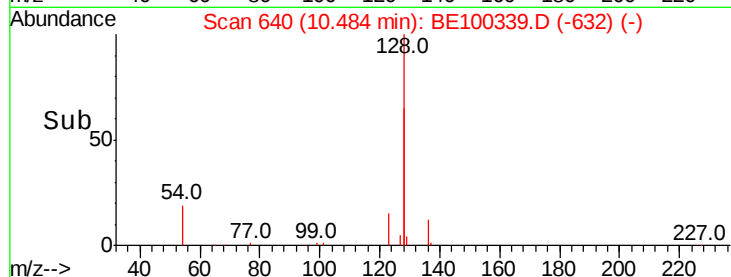
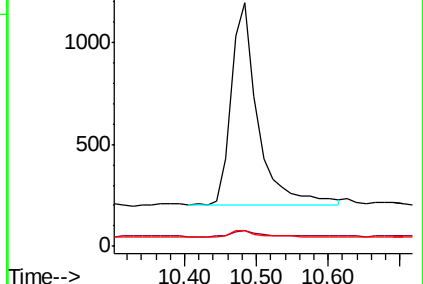
127 6.6 3.5 5.3#



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: 0.364 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100339.D

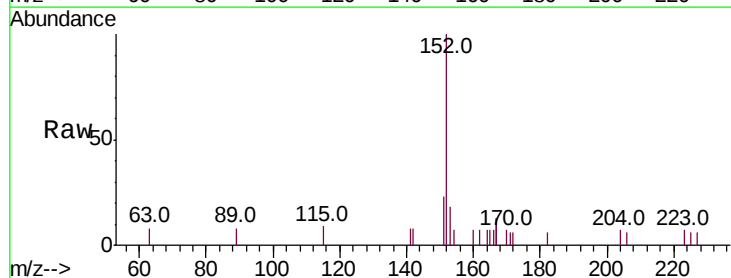
Acq: 3 Jul 2019 21:31

Tgt Ion:152 Resp: 1511

Ion Ratio Lower Upper

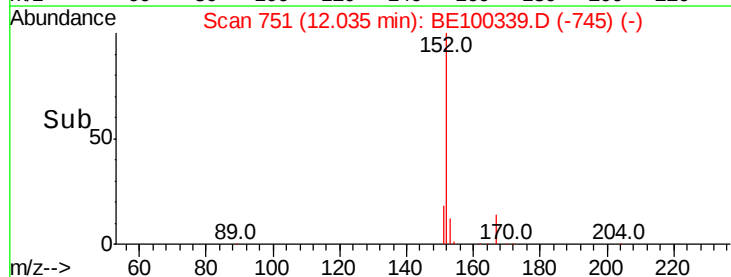
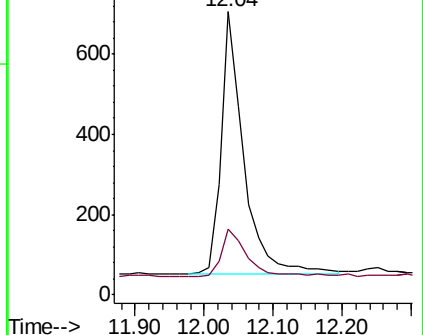
152 100

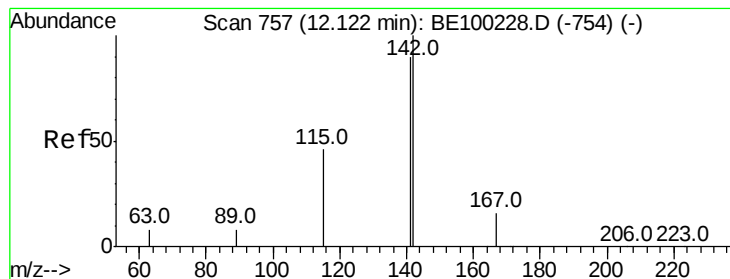
151 21.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.102 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

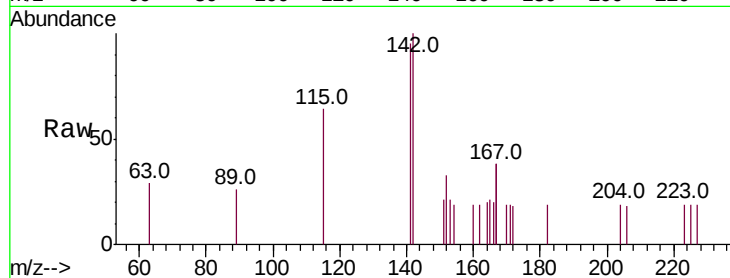
Tot Ion:142 Resp: 438

Ion Ratio Lower Upper

142 100

141 94.6 72.4 108.6

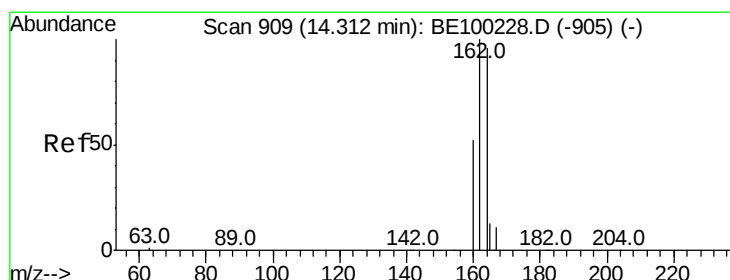
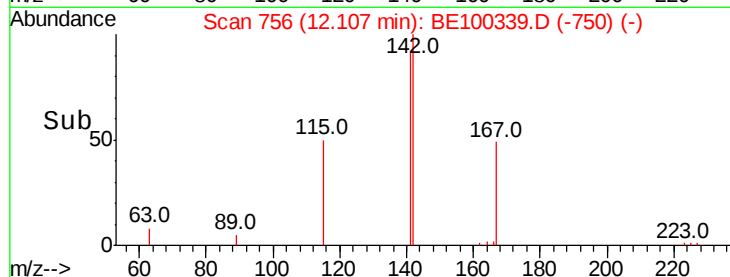
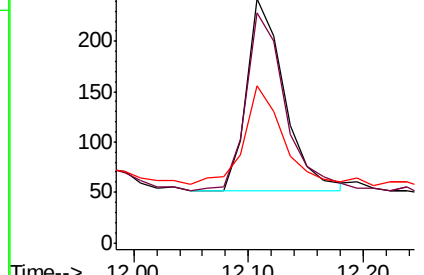
115 64.5 40.4 60.6#



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: BE100339.D

Acq: 3 Jul 2019 21:31

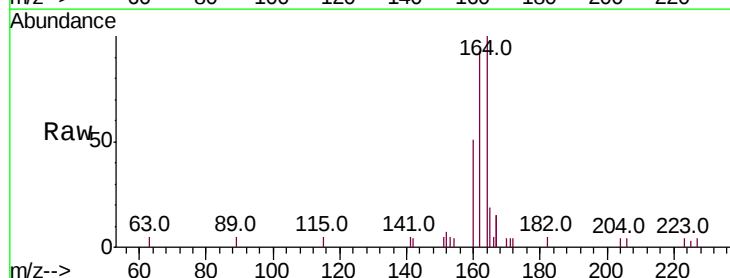
Tgt Ion:164 Resp: 1910

Ion Ratio Lower Upper

164 100

162 93.4 83.4 125.0

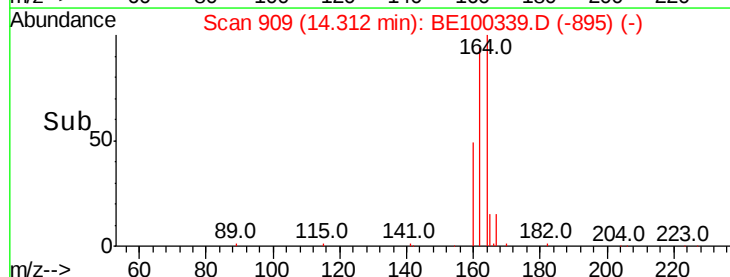
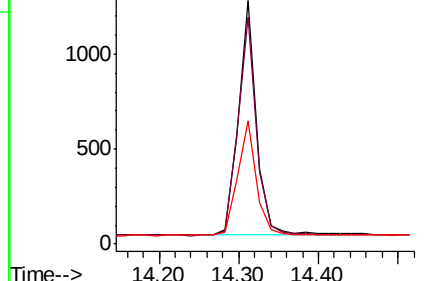
160 50.7 45.0 67.6

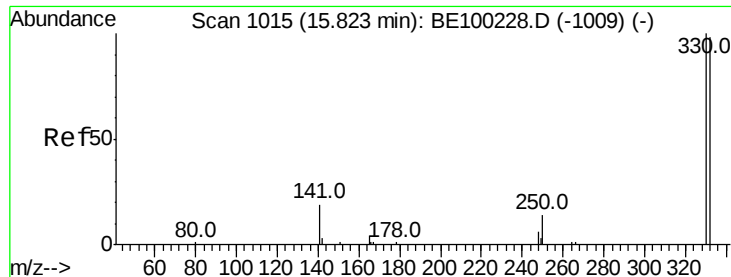


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.424 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

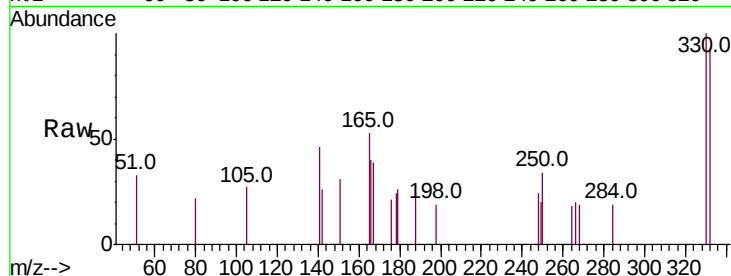
Tot Ion:330 Resp: 567

Ion Ratio Lower Upper

330 100

332 91.7 77.0 115.4

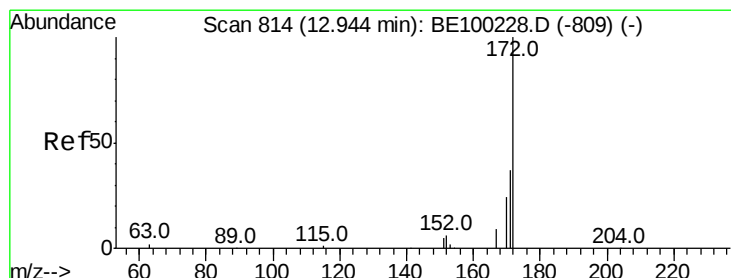
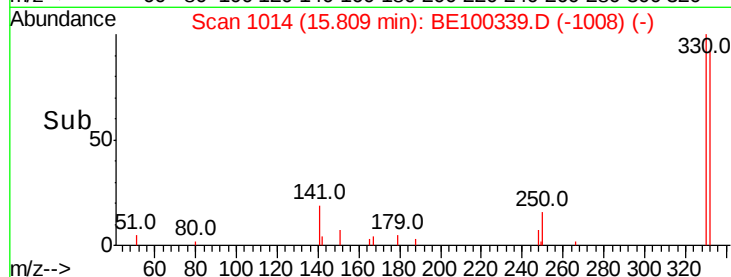
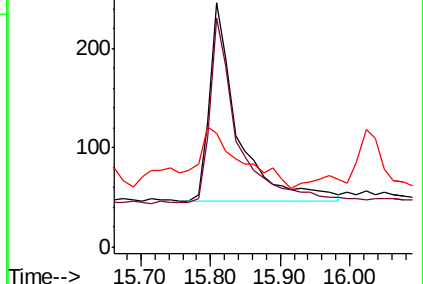
141 45.3 22.0 33.0#



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: 0.302 ng

RT: 12.93 min Scan# 813

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

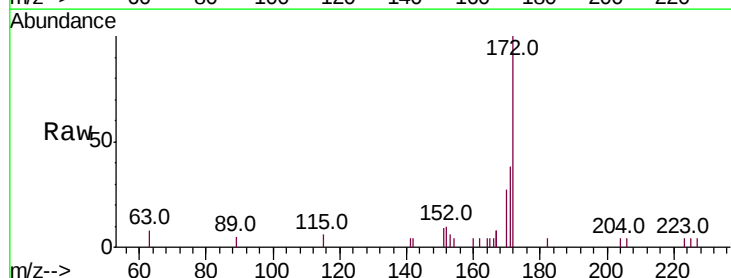
Tgt Ion:172 Resp: 2249

Ion Ratio Lower Upper

172 100

171 37.9 31.9 47.9

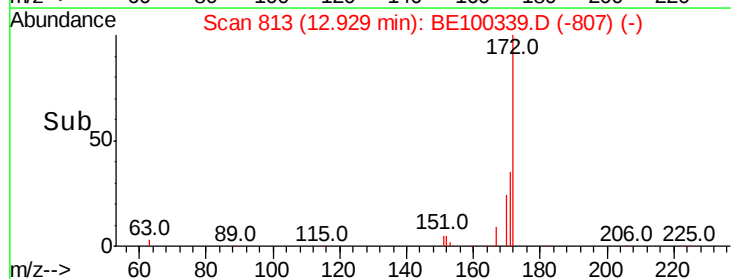
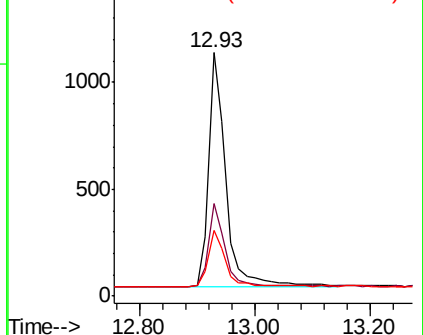
170 27.2 22.2 33.2

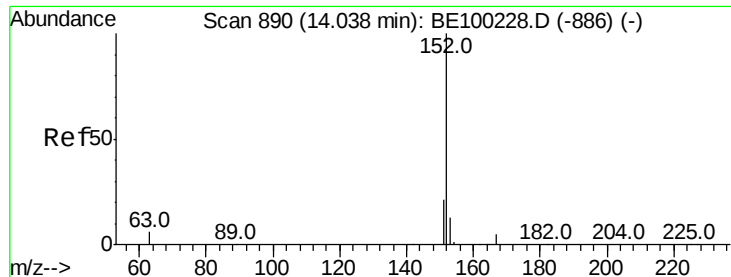


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

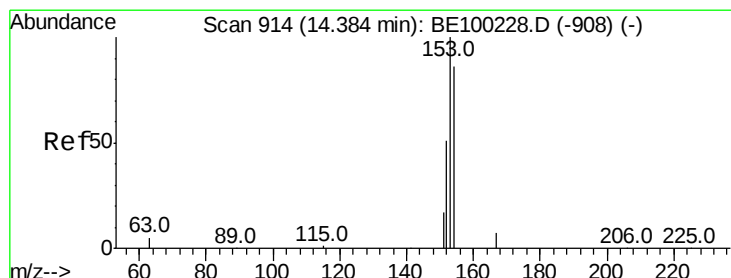
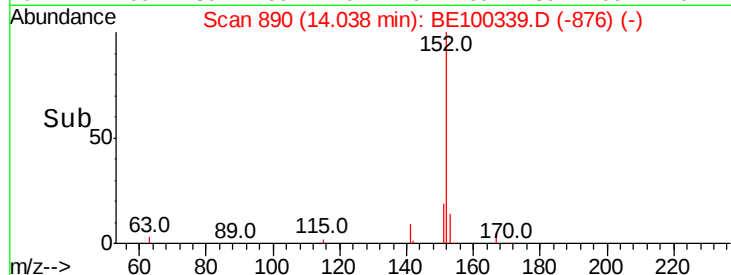
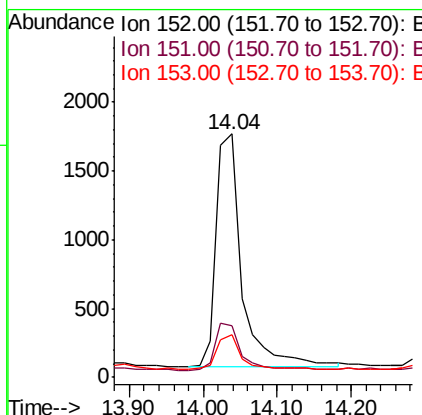
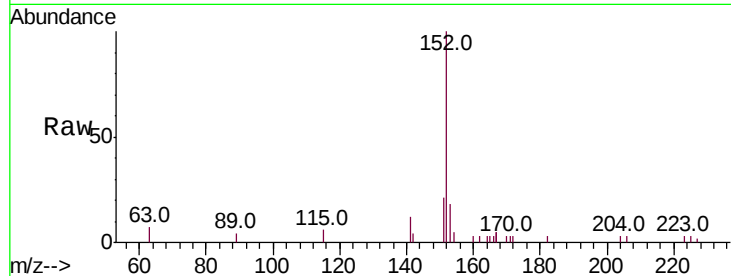




#16  
Acenaphthylene  
Concen: 0.438 ng  
RT: 14.04 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BE100339.D  
Acq: 3 Jul 2019 21:31

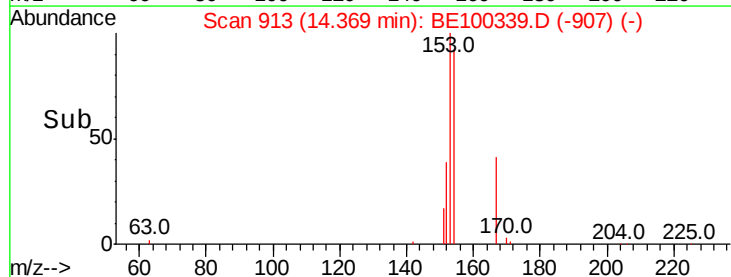
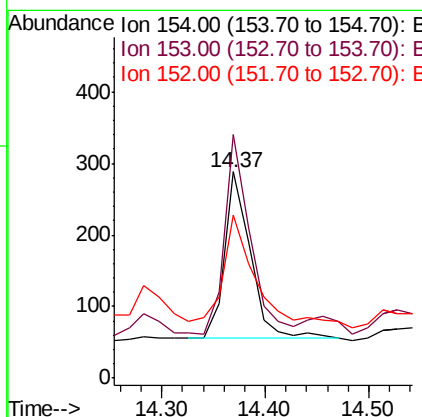
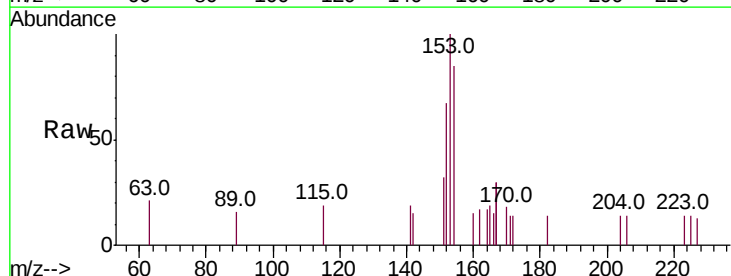
Instrument :  
BNA\_E  
ClientSampleId :  
PST-009-B222-062419

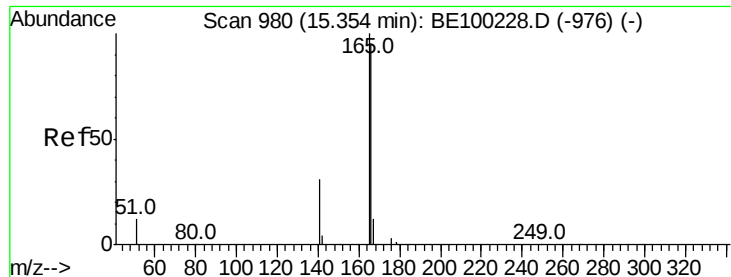
Tot Ion:152 Resp: 4013  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.6 25.0  
153 14.7 10.5 15.7



#17  
Acenaphthene  
Concen: 0.077 ng  
RT: 14.37 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BE100339.D  
Acq: 3 Jul 2019 21:31

Tgt Ion:154 Resp: 402  
Ion Ratio Lower Upper  
154 100  
153 116.7 93.4 140.2  
152 68.7 49.4 74.2

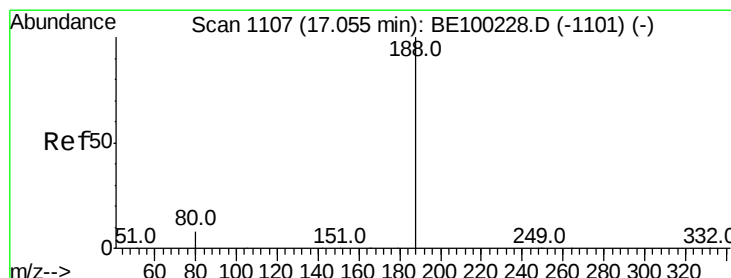
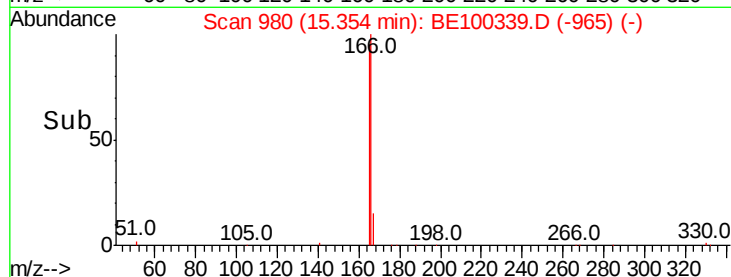
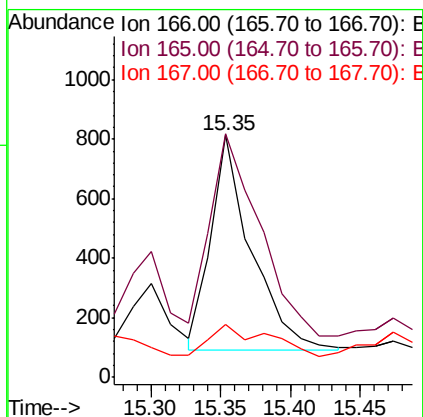
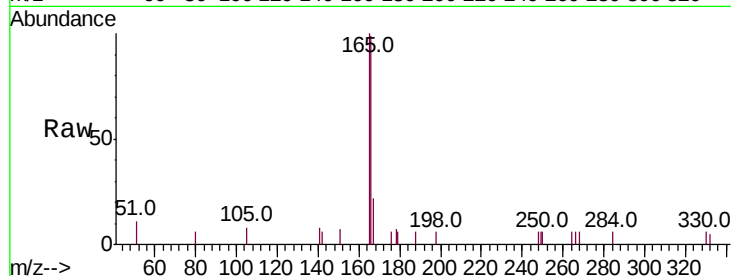




#18  
 Fluorene  
 Concen: 0.189 ng  
 RT: 15.35 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: BE100339.D  
 Acq: 3 Jul 2019 21:31

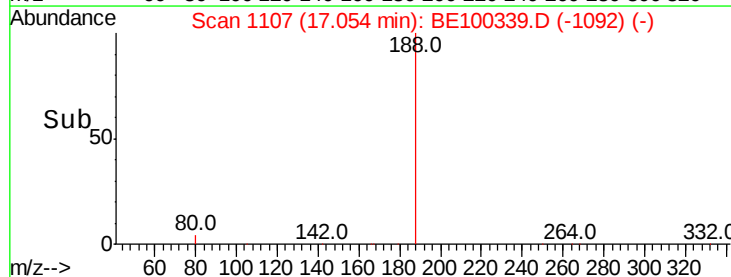
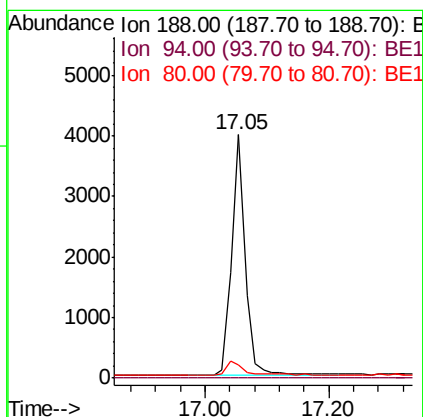
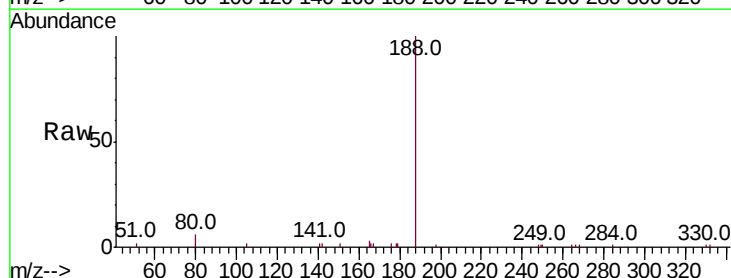
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-009-B222-062419

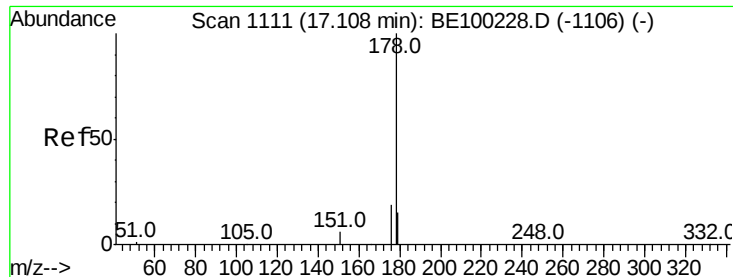
Tot Ion:166 Resp: 1452  
 Ion Ratio Lower Upper  
 166 100  
 165 115.4 81.1 121.7  
 167 20.9 10.7 16.1#



#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.05 min Scan# 1107  
 Delta R.T. -0.00 min  
 Lab File: BE100339.D  
 Acq: 3 Jul 2019 21:31

Tgt Ion:188 Resp: 6069  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 5.6 7.6 11.4#





#23

Phenanthrene

Concen: 2.896 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

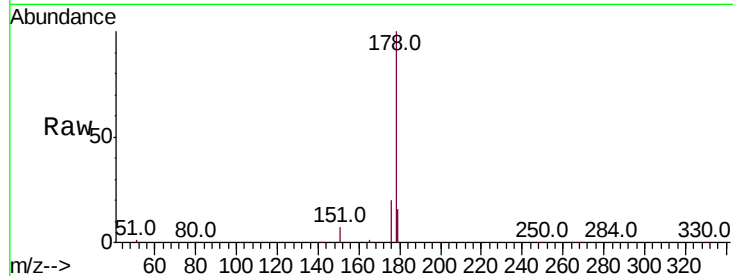
Tot Ion:178 Resp: 42592

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

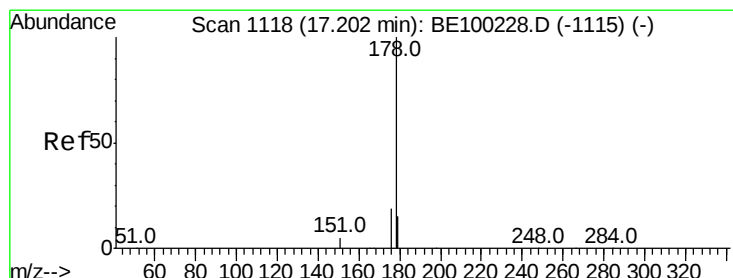
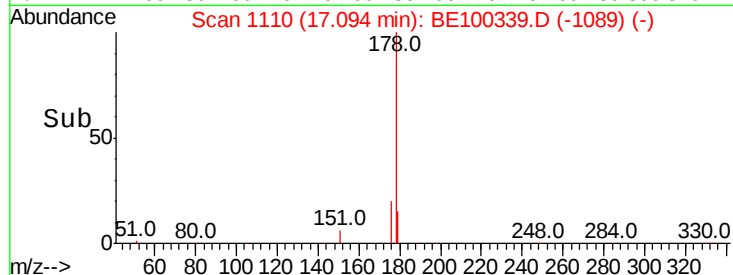
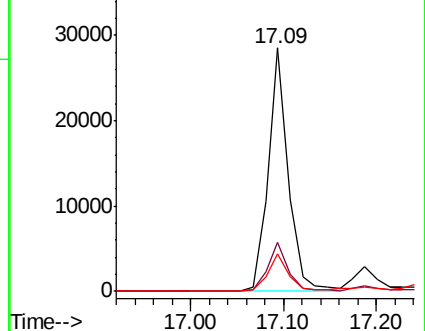
179 15.3 12.2 18.2



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: 0.286 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

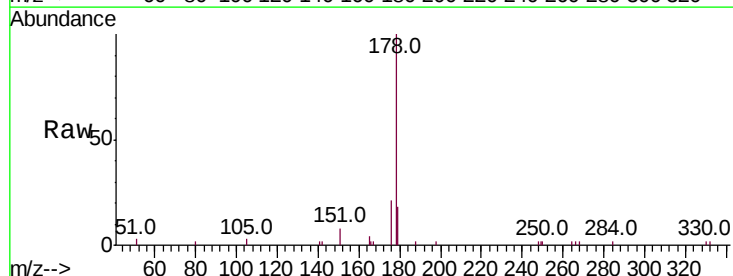
Tgt Ion:178 Resp: 3788

Ion Ratio Lower Upper

178 100

176 21.3 15.3 22.9

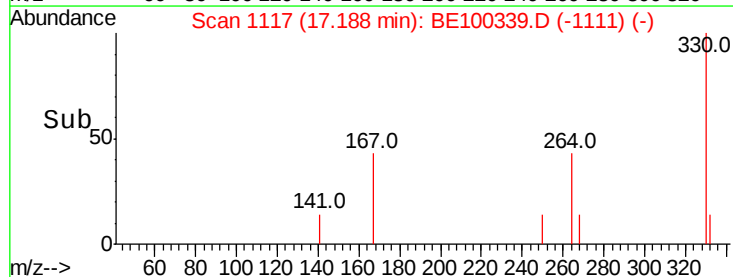
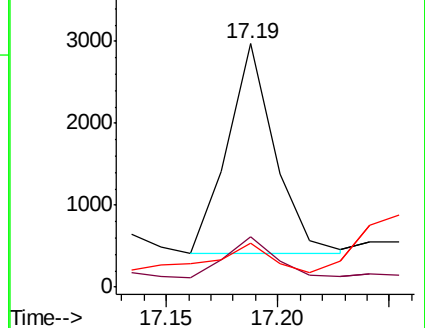
179 15.7 12.2 18.2

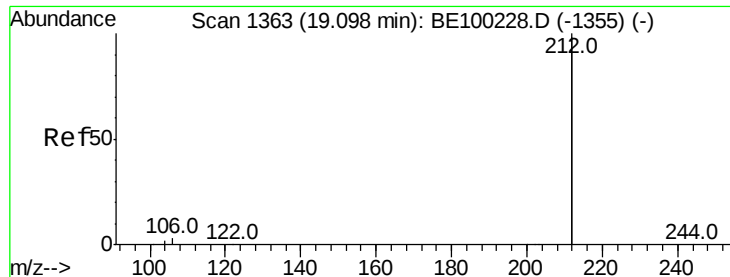


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

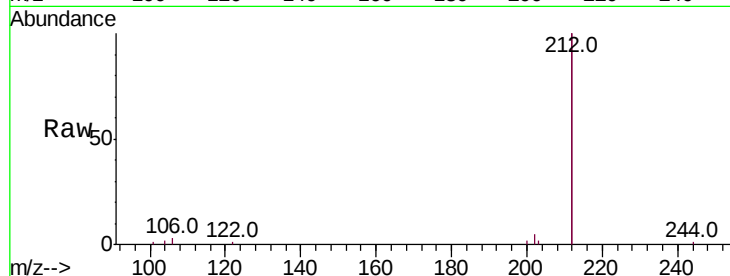
Tot Ion:212 Resp: 26571

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

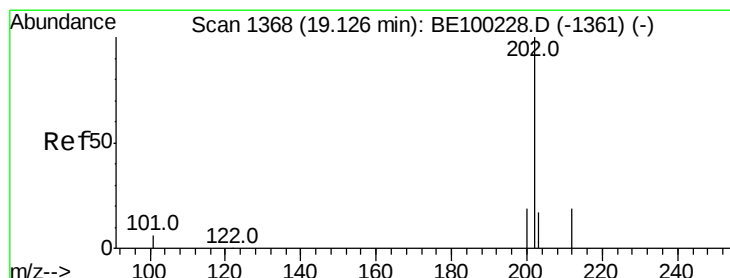
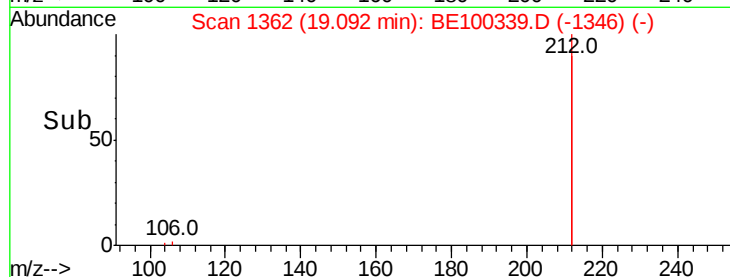
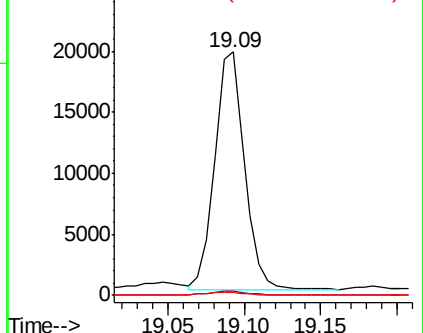
104 0.9 0.8 1.2



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: 3.643 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

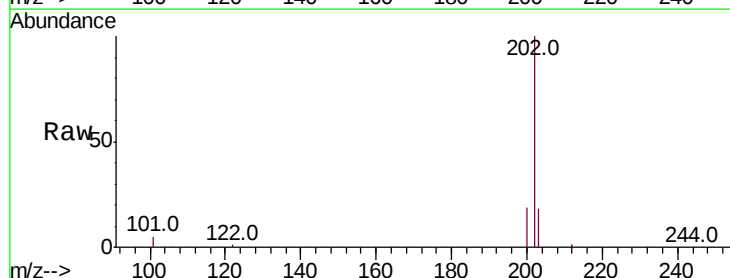
Tgt Ion:202 Resp: 85360

Ion Ratio Lower Upper

202 100

101 5.5 4.6 7.0

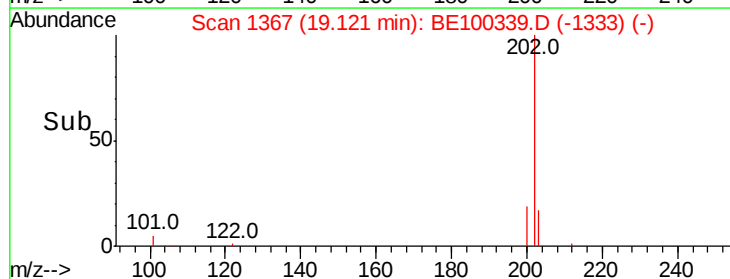
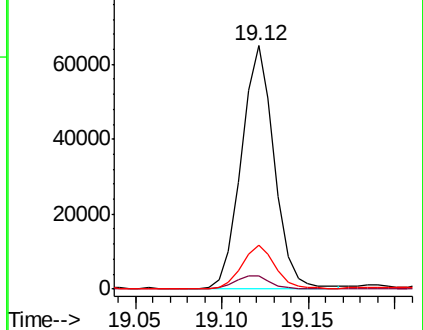
203 17.9 13.7 20.5

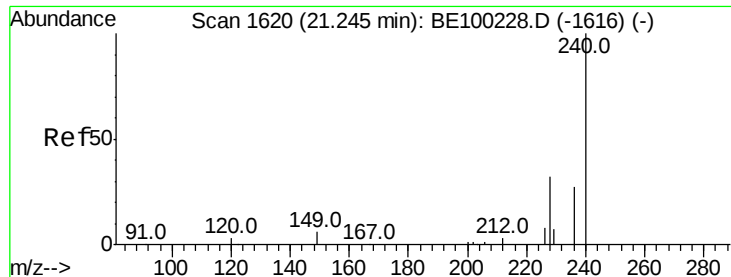


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

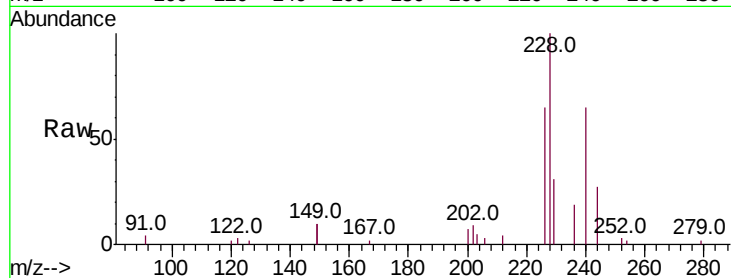
Tot Ion:240 Resp: 8700

Ion Ratio Lower Upper

240 100

120 3.7 3.3 4.9

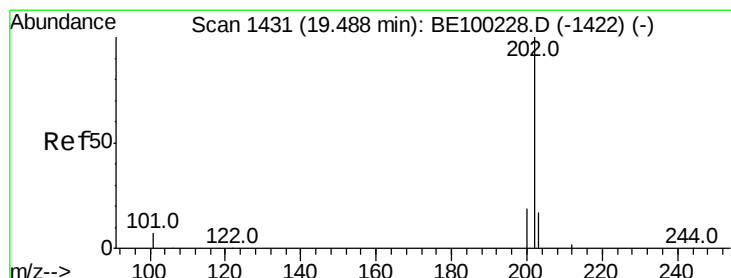
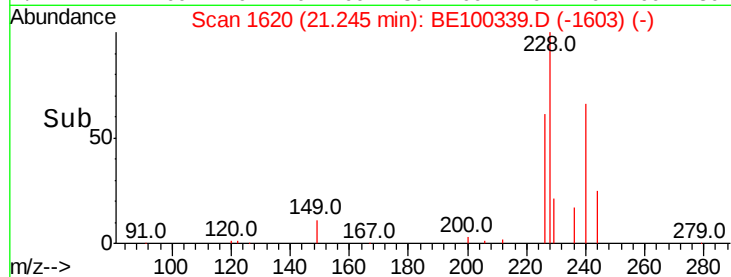
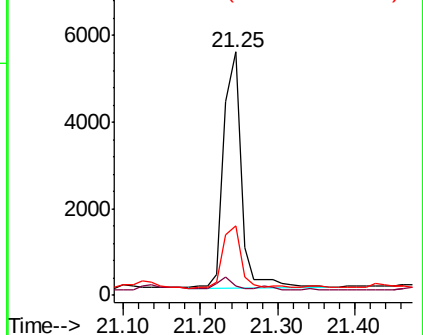
236 28.8 22.6 34.0



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: 4.607 ng

RT: 19.48 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

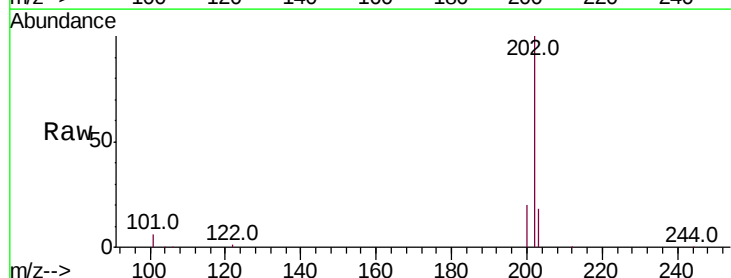
Tgt Ion:202 Resp: 106110

Ion Ratio Lower Upper

202 100

200 19.8 15.6 23.4

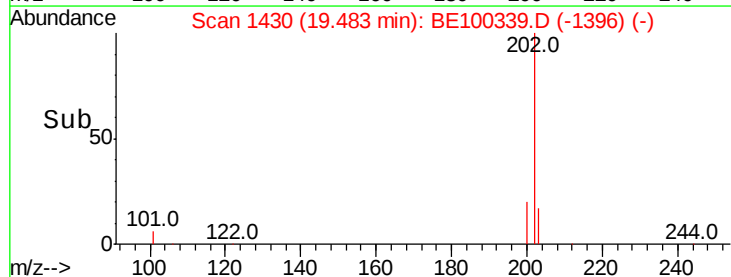
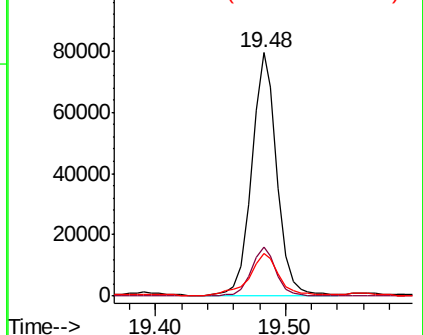
203 20.2 14.0 21.0

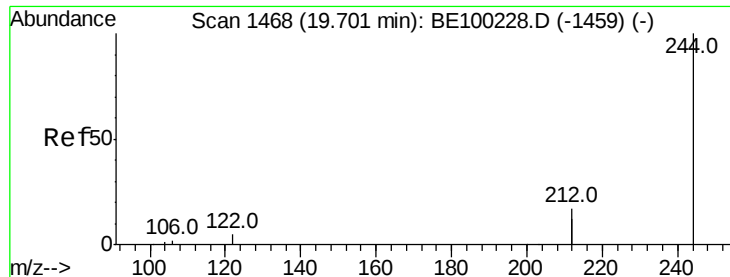


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.346 ng

RT: 19.69 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

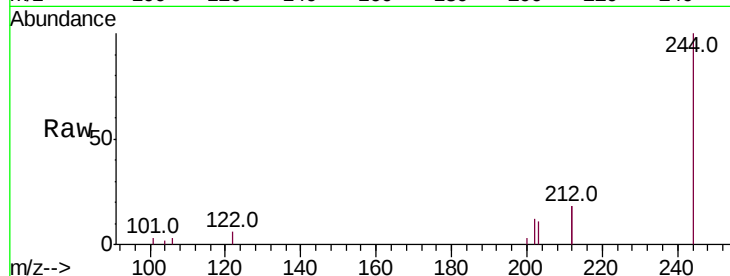
Tot Ion:244 Resp: 6240

Ion Ratio Lower Upper

244 100

212 36.6 27.3 40.9

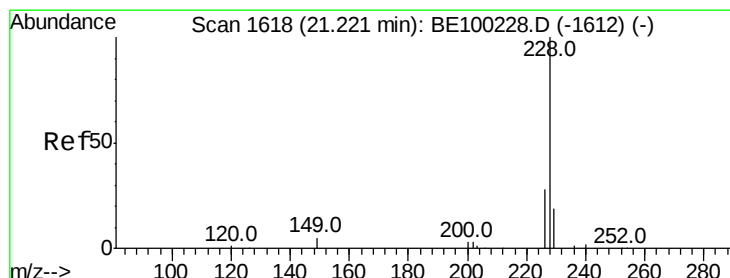
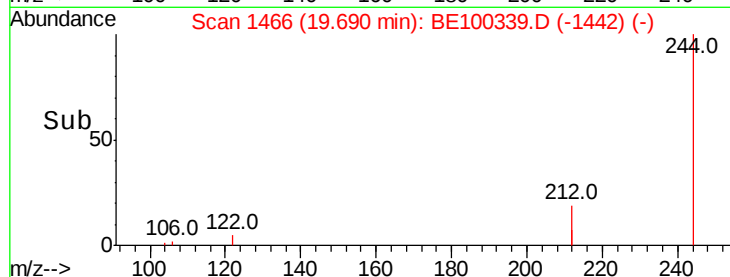
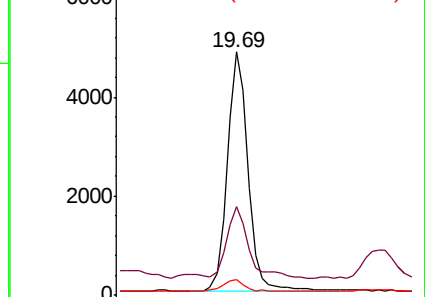
122 6.4 4.7 7.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 2.159 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

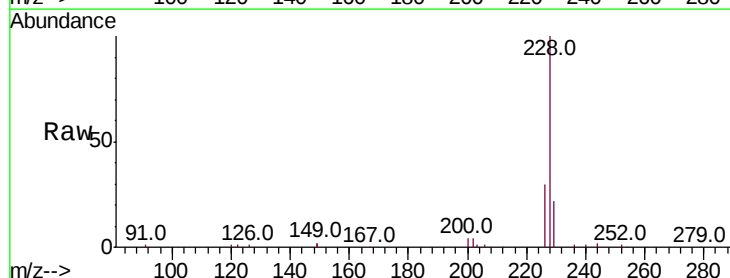
Tgt Ion:228 Resp: 61767

Ion Ratio Lower Upper

228 100

226 30.2 23.2 34.8

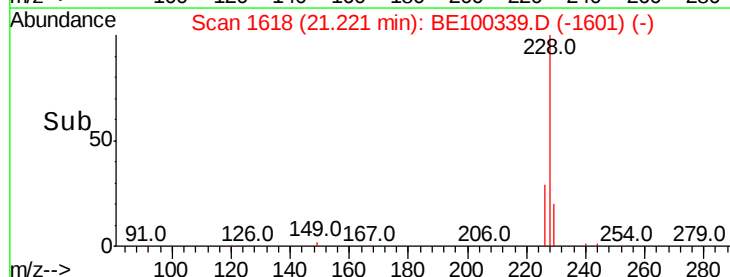
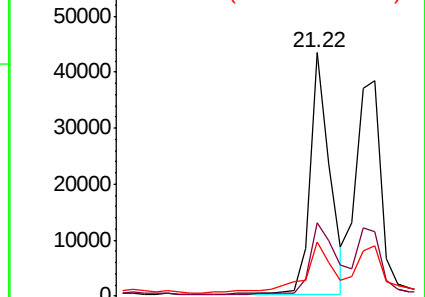
229 22.1 15.7 23.5

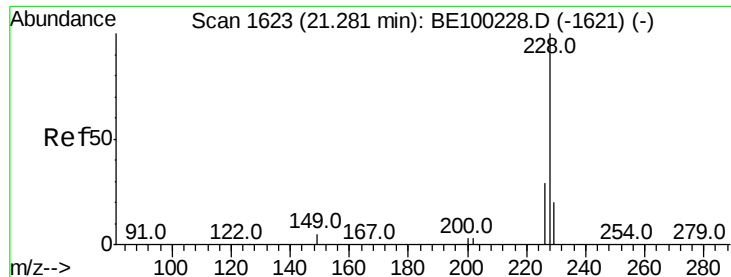


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.406 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

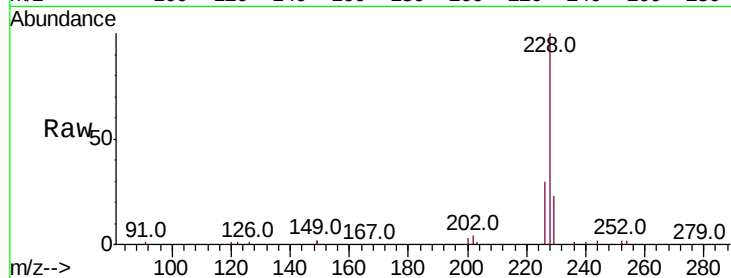
BNA\_E

ClientSampleId :

PST-009-B222-062419

Tot Ion:228 Resp: 69109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.1  | 23.9  | 35.9  |
| 229 | 23.4  | 16.5  | 24.7  |

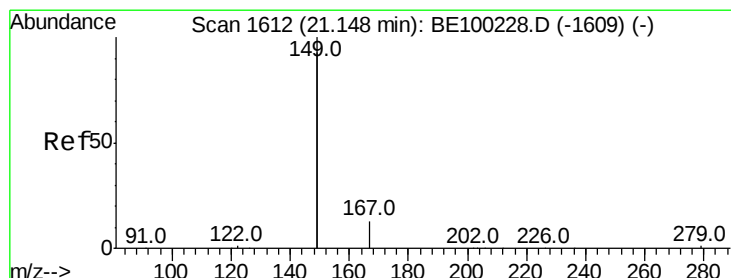
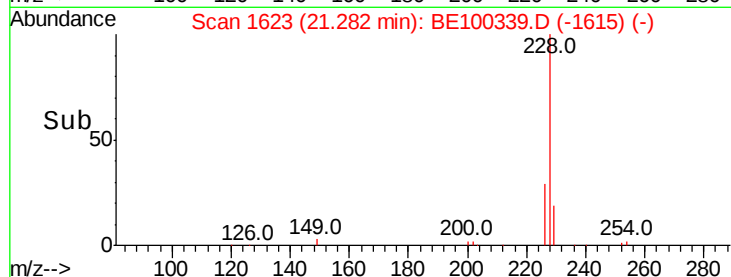
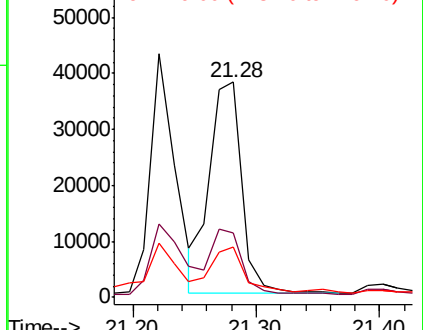


Abundance

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: 0.248 ng

RT: 21.15 min Scan# 1612

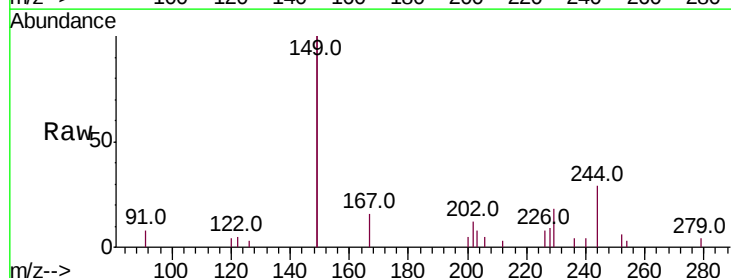
Delta R.T. 0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Tgt Ion:149 Resp: 12354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 6.9   | 5.8   | 8.8   |
| 279 | 1.7   | 1.1   | 1.7   |

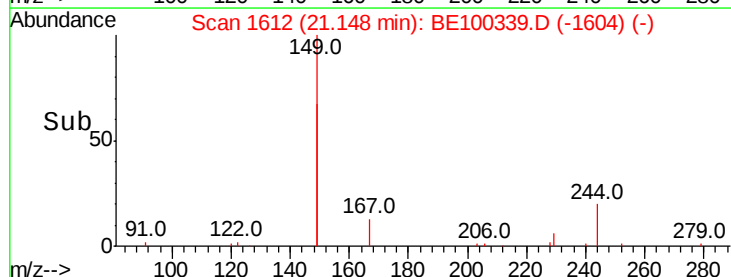
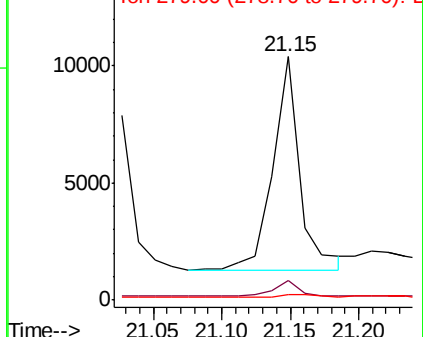


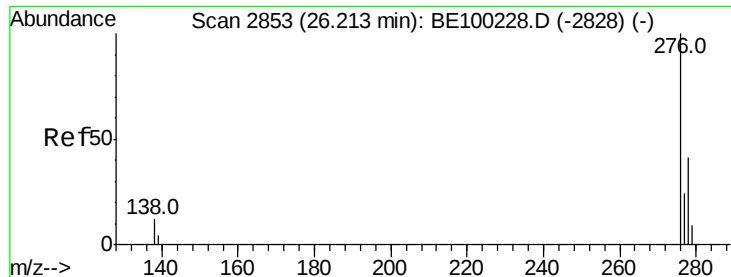
Abundance

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: 0.845 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

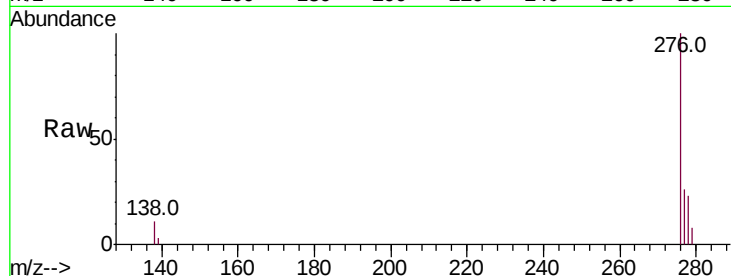
Tot Ion:276 Resp: 32122

Ion Ratio Lower Upper

276 100

138 9.3 9.4 14.0#

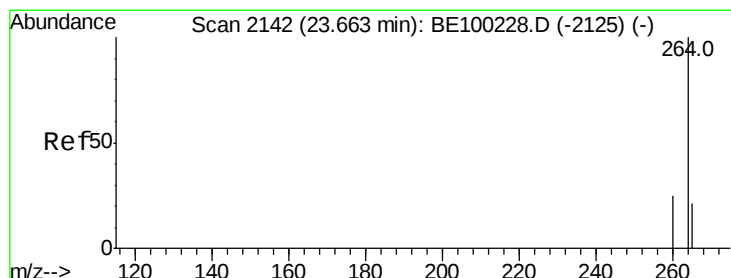
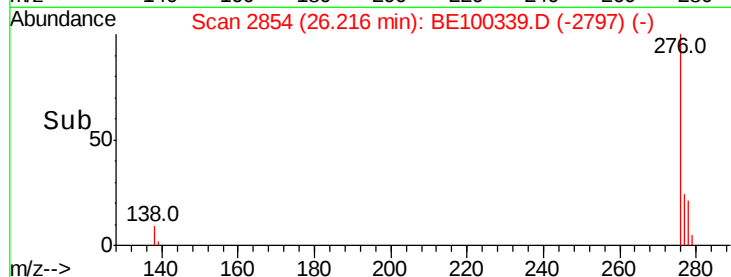
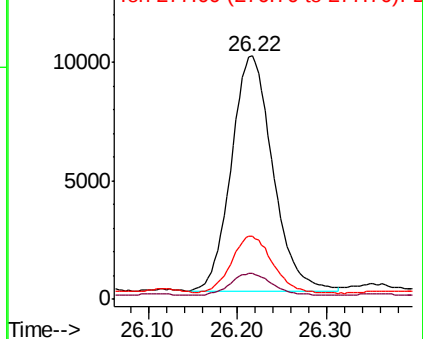
277 24.1 19.2 28.8



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: 23.66 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

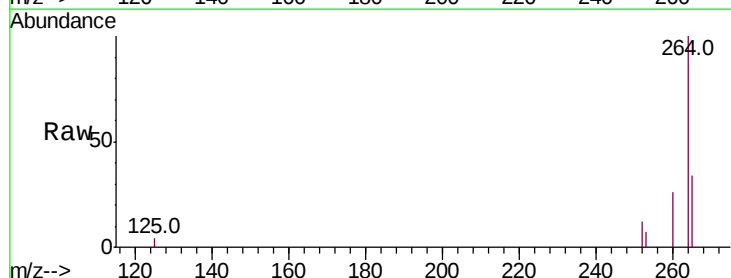
Tgt Ion:264 Resp: 9894

Ion Ratio Lower Upper

264 100

260 26.3 20.8 31.2

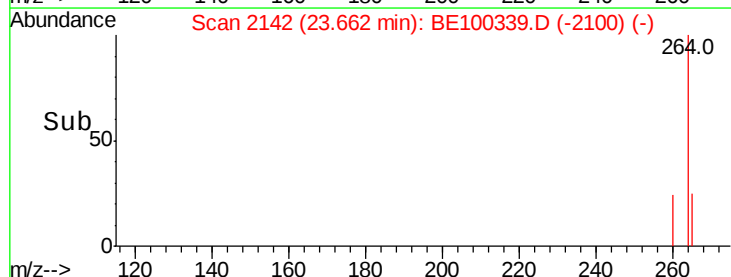
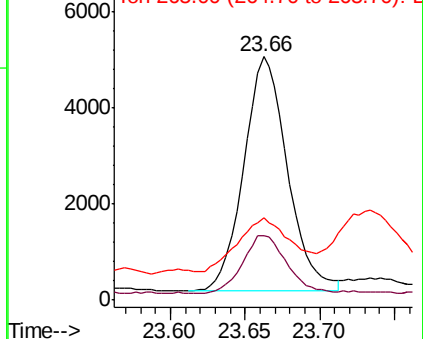
265 33.7 21.8 32.6#

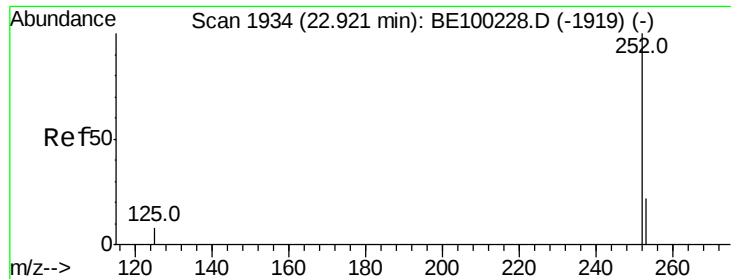


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

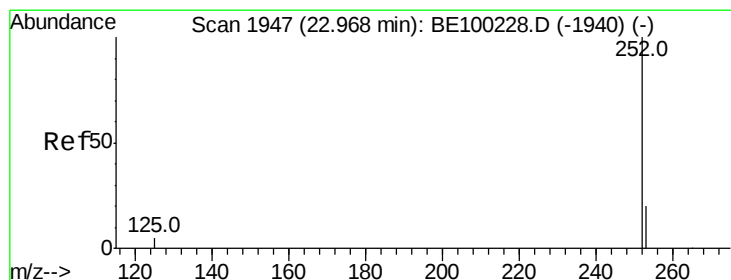
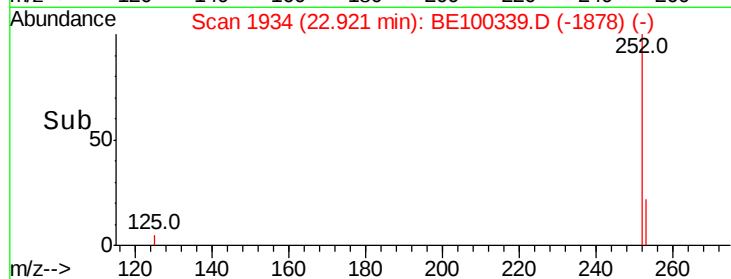
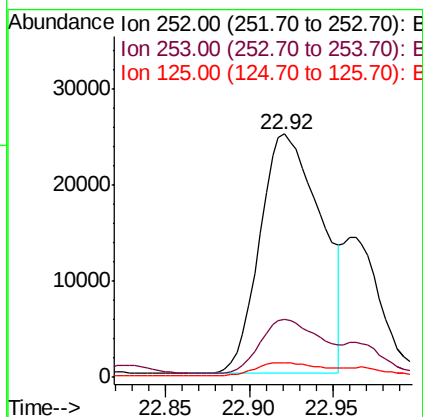
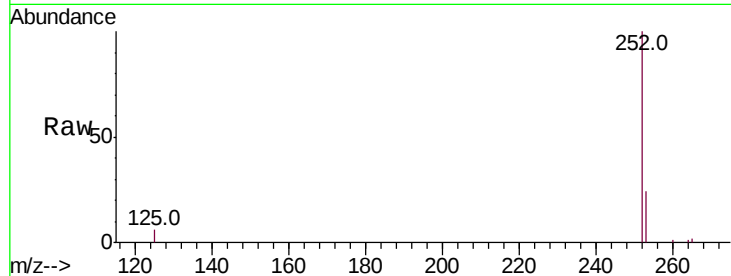




#35  
Benzo(b)fluoranthene  
Concen: 2.371 ng  
RT: 22.92 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BE100339.D  
Acq: 3 Jul 2019 21:31

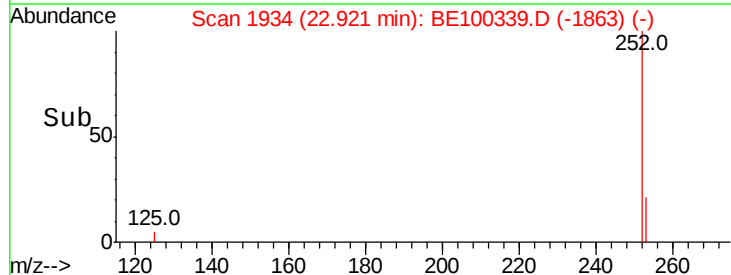
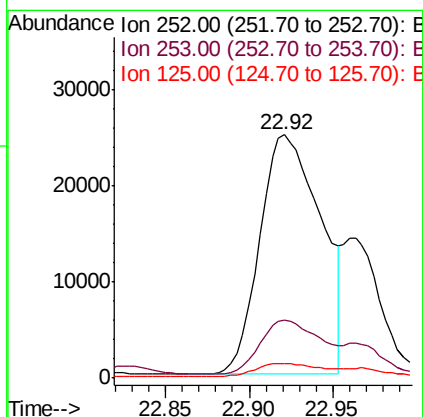
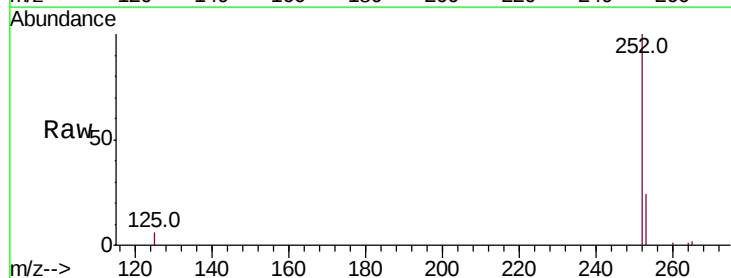
Instrument :  
BNA\_E  
ClientSampleId :  
PST-009-B222-062419

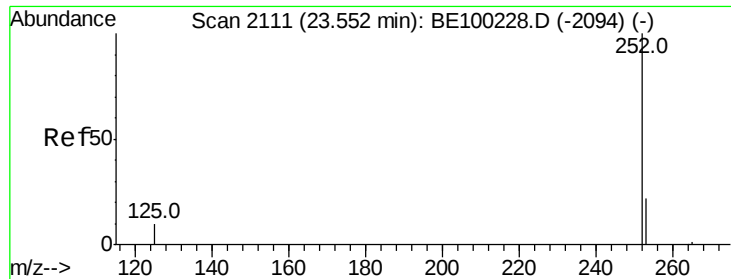
Tot Ion:252 Resp: 63598  
Ion Ratio Lower Upper  
252 100  
253 23.8 19.2 28.8  
125 6.2 7.4 11.0#



#36  
Benzo(k)fluoranthene  
Concen: 2.124 ng  
RT: 22.92 min Scan# 1934  
Delta R.T. -0.05 min  
Lab File: BE100339.D  
Acq: 3 Jul 2019 21:31

Tgt Ion:252 Resp: 63598  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.9 26.9  
125 6.2 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.359 ng

RT: 23.72 min Scan# 2157

Delta R.T. 0.16 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

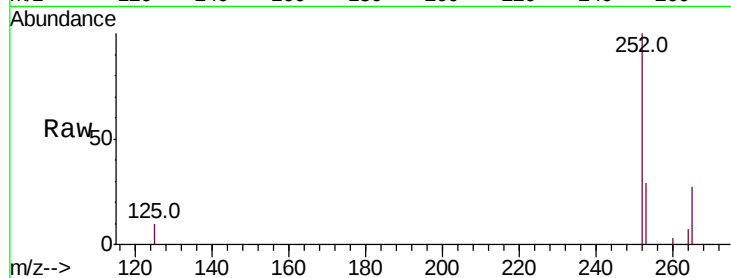
Tot Ion:252 Resp: 9647

Ion Ratio Lower Upper

252 100

253 28.6 19.6 29.4

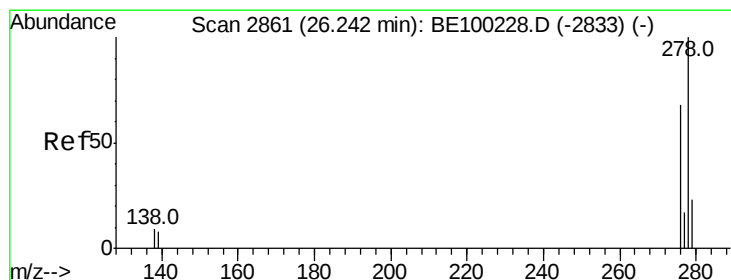
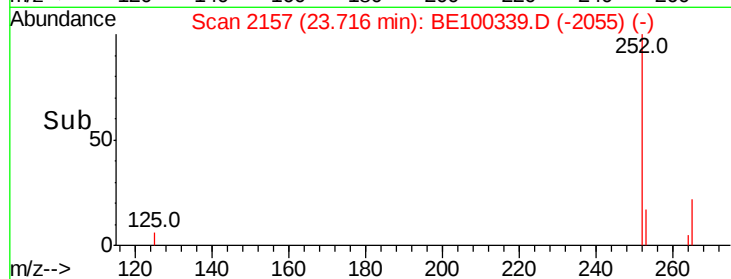
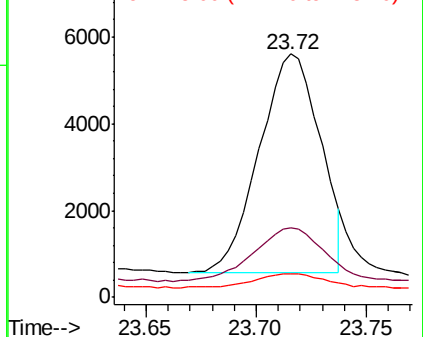
125 9.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.306 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

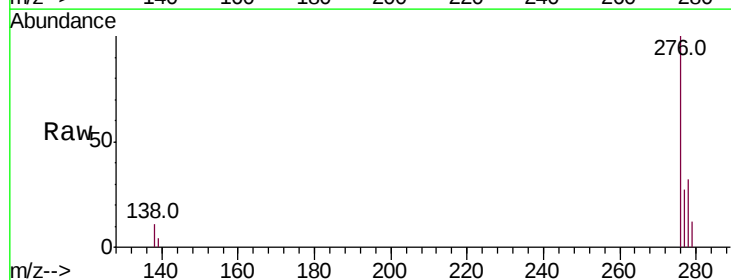
Tgt Ion:278 Resp: 8589

Ion Ratio Lower Upper

278 100

139 12.3 8.2 12.2#

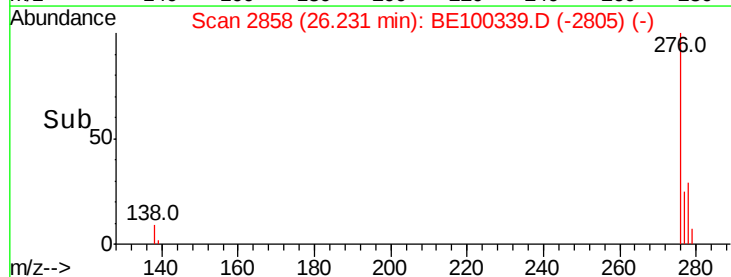
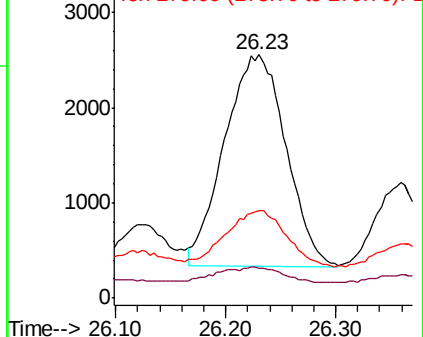
279 36.1 20.3 30.5#

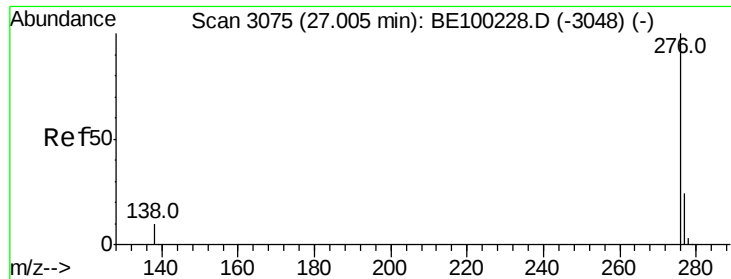


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 1.184 ng

RT: 27.01 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BE100339.D

Acq: 3 Jul 2019 21:31

Instrument :

BNA\_E

ClientSampleId :

PST-009-B222-062419

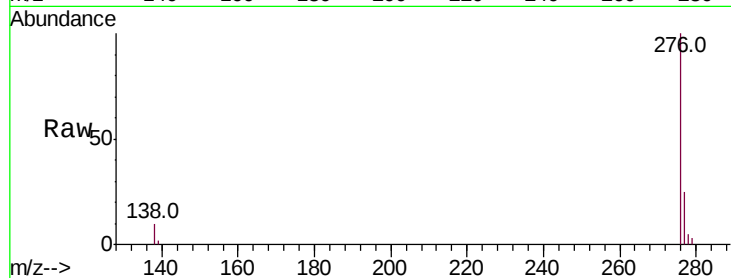
Tot Ion:276 Resp: 34142

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.2

138 10.1 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

