

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\  
 Data File : BE099518.D  
 Acq On : 3 May 2019 6:44  
 Operator : JU/SJ  
 Sample : K2589-14  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-001-B188-042419

Quant Time: May 03 07:51:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 29 18:36:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 2523     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.60 | 136  | 9219     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.46 | 164  | 7028     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.19 | 188  | 21662    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.37 | 240  | 27613    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.87 | 264  | 31359    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.38  | 112 | 2479  | 0.36 | ng | 0.00  |
| 5) Phenol-d6                | 6.97  | 99  | 3644  | 0.39 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.97  | 82  | 3167  | 0.37 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 5528  | 0.33 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330 | 1828  | 0.41 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.07 | 172 | 8085  | 0.30 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.22 | 212 | 84044 | 0.29 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.82 | 244 | 17682 | 0.35 | ng | 0.00  |

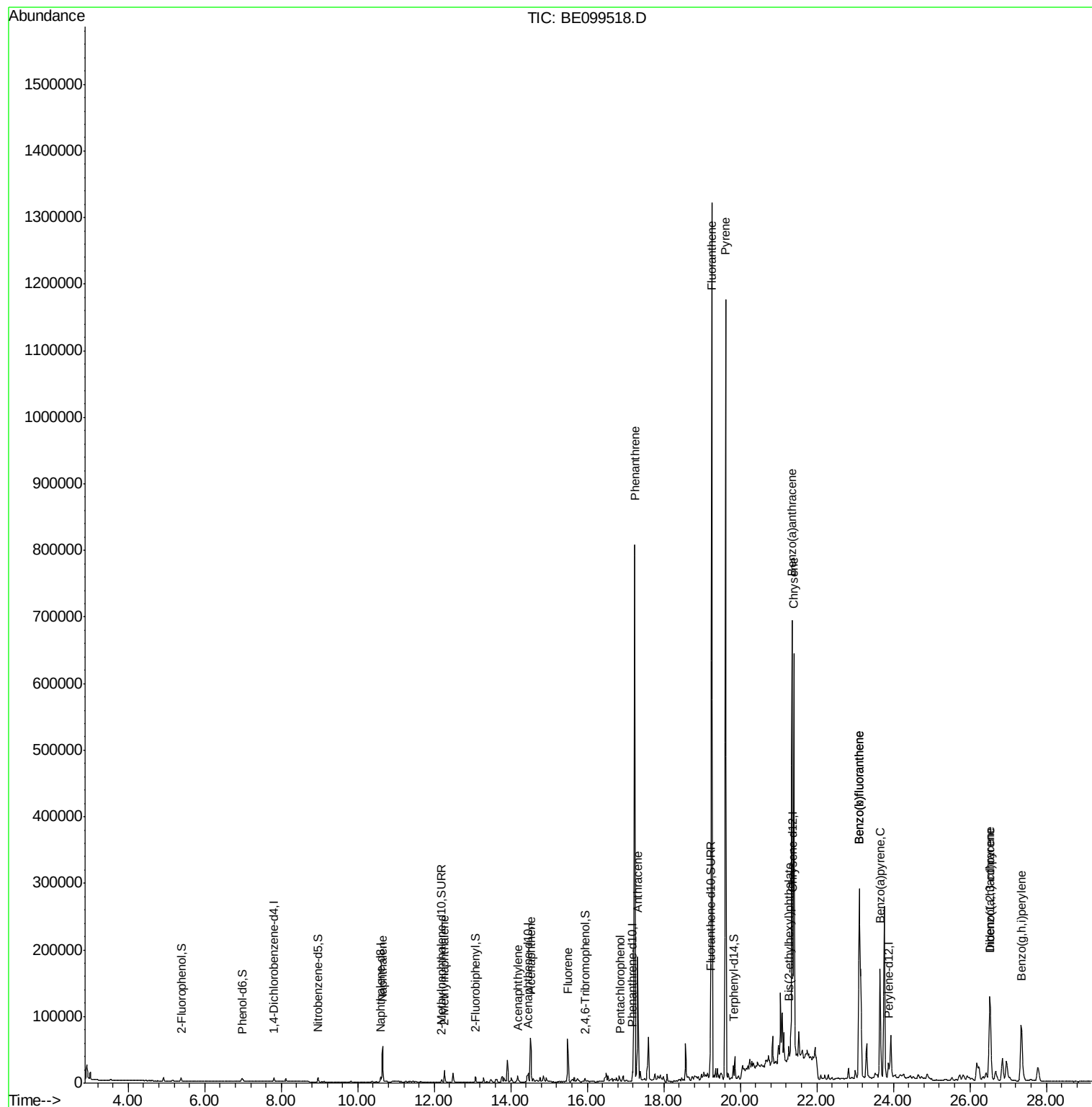
|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 9) Naphthalene                 | 10.65 | 128 | 88477   | 0.881  | ng | 100  |
| 12) 2-Methylnaphthalene        | 12.27 | 142 | 12010   | 0.687  | ng | 98   |
| 16) Acenaphthylene             | 14.18 | 152 | 9960    | 0.290  | ng | # 92 |
| 17) Acenaphthene               | 14.51 | 154 | 35533   | 1.809  | ng | 100  |
| 18) Fluorene                   | 15.49 | 166 | 47502   | 1.639  | ng | 97   |
| 22) Pentachlorophenol          | 16.85 | 266 | 120     | 0.233  | ng | # 79 |
| 23) Phenanthrene               | 17.24 | 178 | 1000011 | 17.890 | ng | 99   |
| 24) Anthracene                 | 17.32 | 178 | 196875  | 3.695  | ng | # 92 |
| 26) Fluoranthene               | 19.25 | 202 | 1242464 | 14.840 | ng | 99   |
| 28) Pyrene                     | 19.62 | 202 | 1095920 | 15.226 | ng | # 94 |
| 30) Benzo(a)anthracene         | 21.35 | 228 | 649263  | 7.380  | ng | 98   |
| 31) Chrysene                   | 21.40 | 228 | 532490  | 6.185  | ng | 96   |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 20215   | 0.091  | ng | 98   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.53 | 276 | 245549  | 2.413  | ng | # 96 |
| 35) Benzo(b)fluoranthene       | 23.11 | 252 | 566276  | 6.262  | ng | # 98 |
| 36) Benzo(k)fluoranthene       | 23.11 | 252 | 566276  | 6.494  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.65 | 252 | 262363  | 3.069  | ng | 99   |
| 38) Dibenzo(a,h)anthracene     | 26.54 | 278 | 68415   | 0.782  | ng | 94   |
| 39) Benzo(g,h,i)perylene       | 27.34 | 276 | 226214  | 2.582  | ng | 98   |

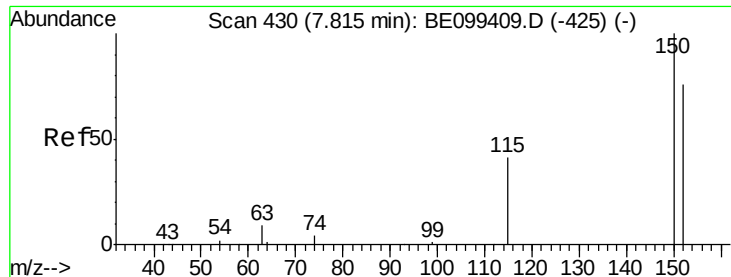
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\  
Data File : BE099518.D  
Acq On : 3 May 2019 6:44  
Operator : JU/SJ  
Sample : K2589-14  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
PST-001-B188-042419

Quant Time: May 03 07:51:29 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 29 18:36:43 2019  
Response via : Initial Calibration



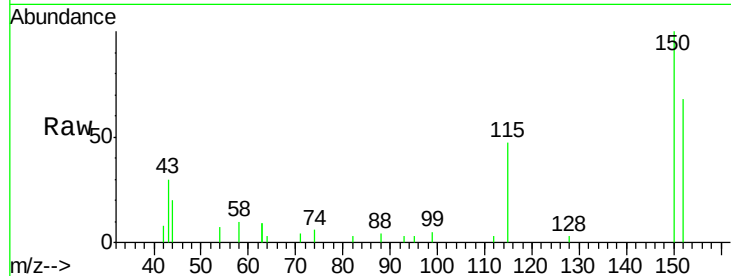


#1

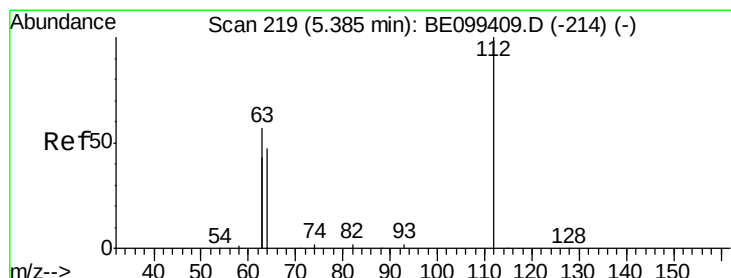
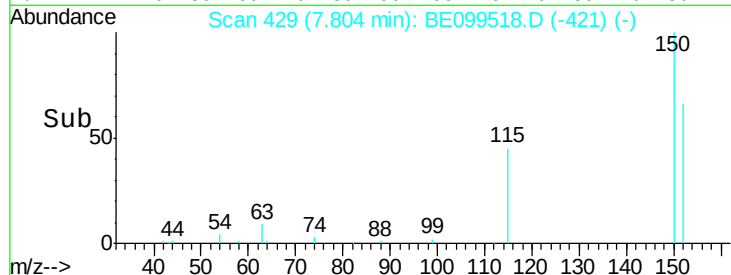
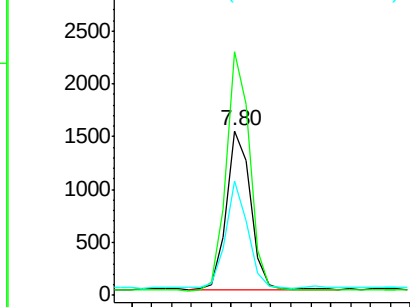
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.80 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

Instrument :  
BNA\_E  
ClientSampleId :  
PST-001-B188-042419

Tot Ion:152 Resp: 2523  
Ion Ratio Lower Upper  
152 100  
150 148.1 104.8 157.2  
115 69.4 46.6 69.8



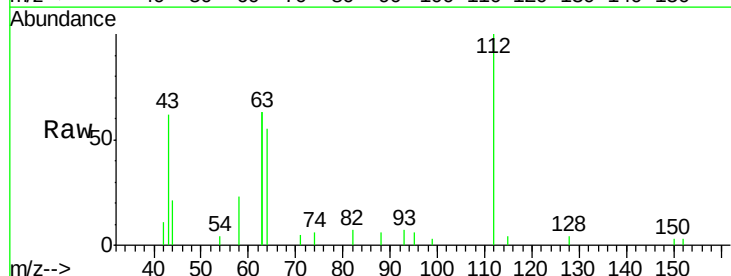
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



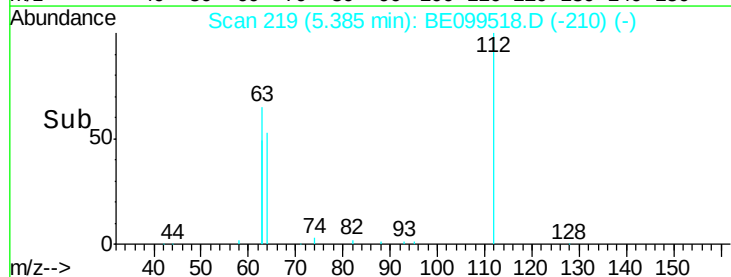
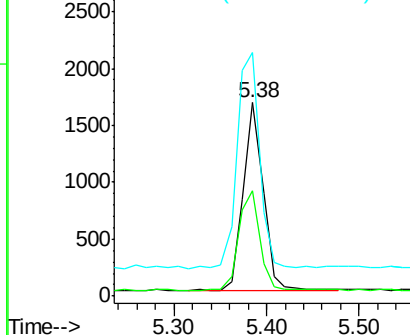
#4

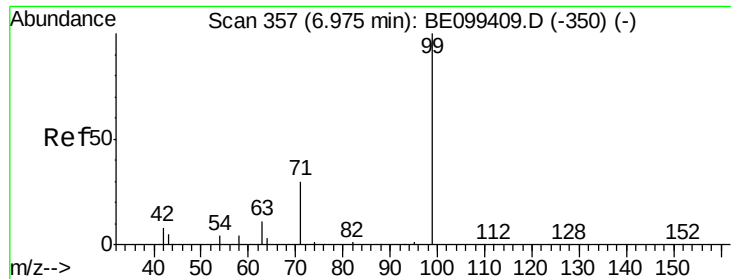
2-Fluorophenol  
Concen: 0.355 ng  
RT: 5.38 min Scan# 219  
Delta R.T. -0.00 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

Tgt Ion:112 Resp: 2479  
Ion Ratio Lower Upper  
112 100  
64 56.9 47.4 71.0  
63 128.6 104.3 156.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

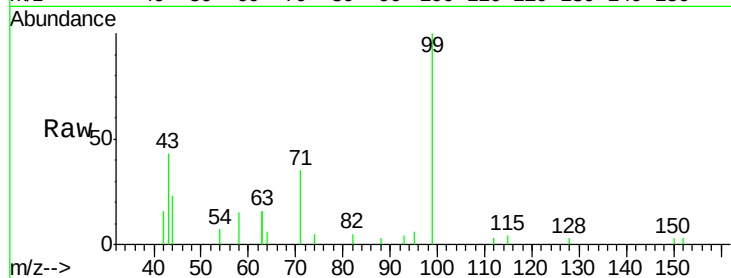
Tot Ion: 99 Resp: 3644

Ion Ratio Lower Upper

99 100

42 21.0 14.9 22.3

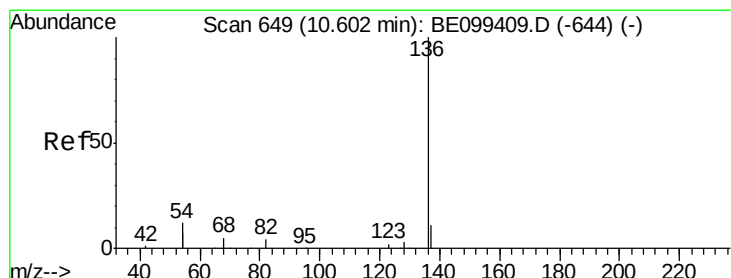
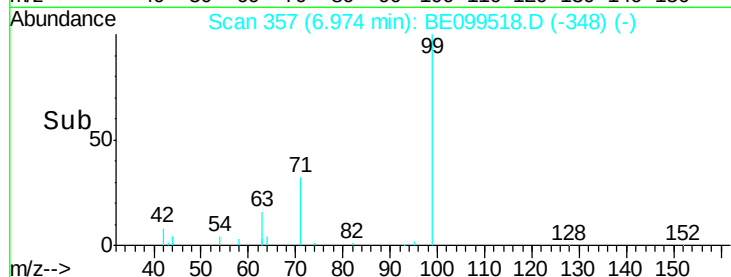
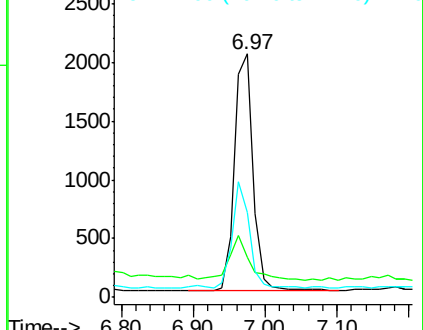
71 41.9 33.0 49.6



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: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Tgt Ion: 136 Resp: 9219

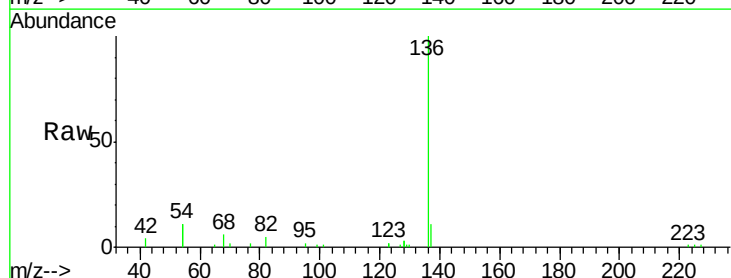
Ion Ratio Lower Upper

136 100

137 10.8 9.8 14.8

54 22.0 18.5 27.7

68 6.0 4.7 7.1

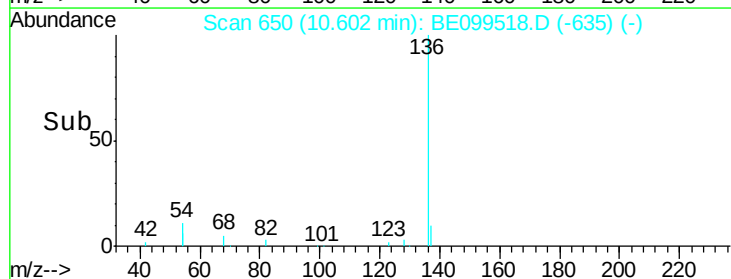
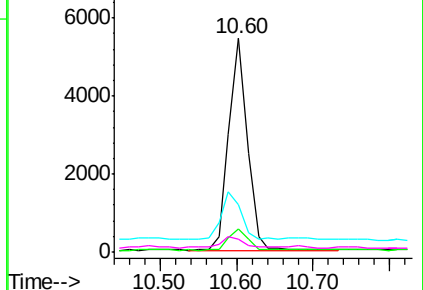


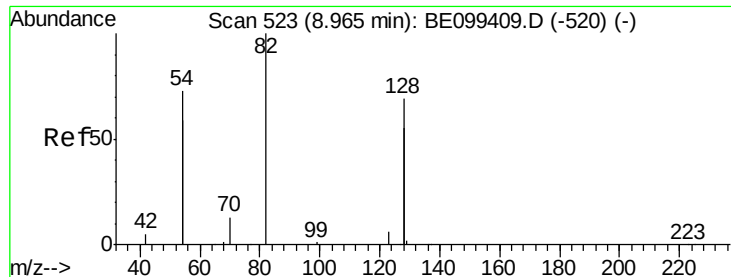
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

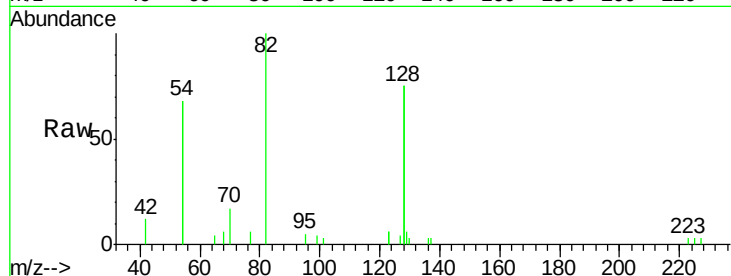
Tot Ion: 82 Resp: 3167

Ion Ratio Lower Upper

82 100

128 150.1 107.0 160.4

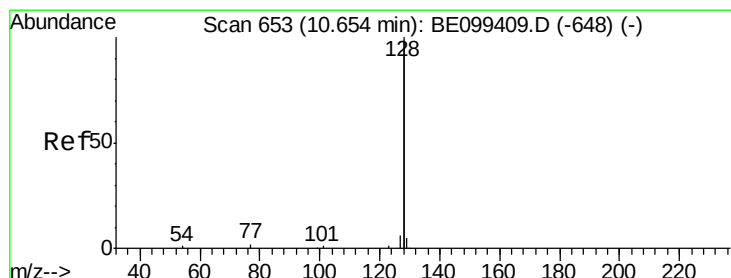
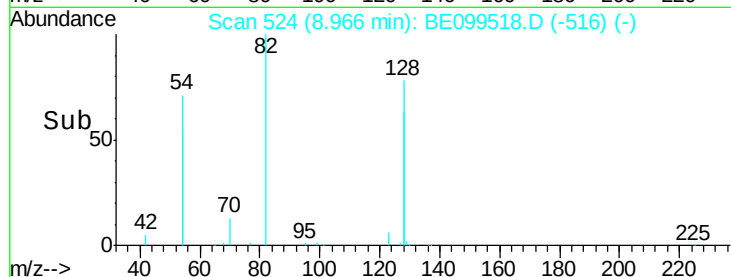
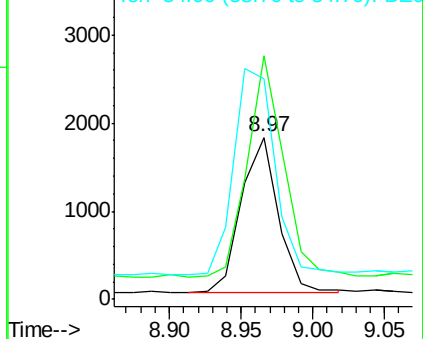
54 136.0 113.1 169.7



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.881 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

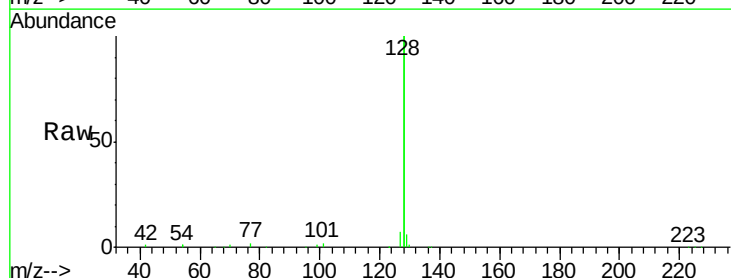
Tgt Ion: 128 Resp: 88477

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

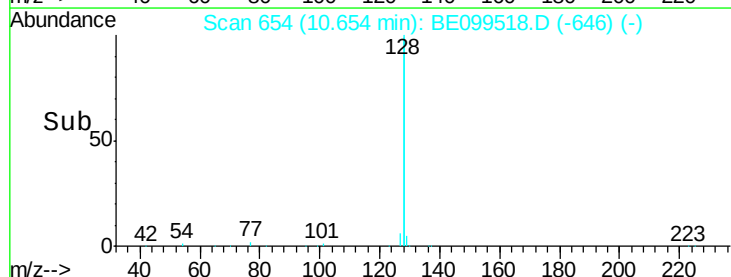
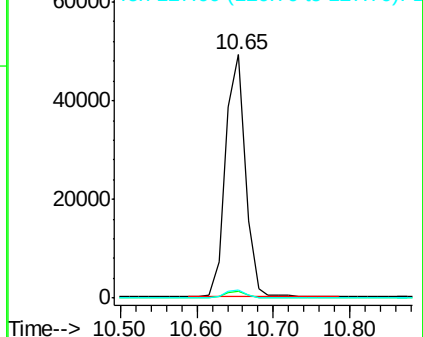
127 3.3 2.8 4.2

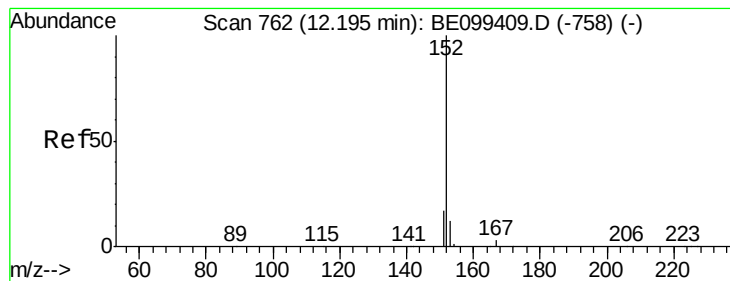


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

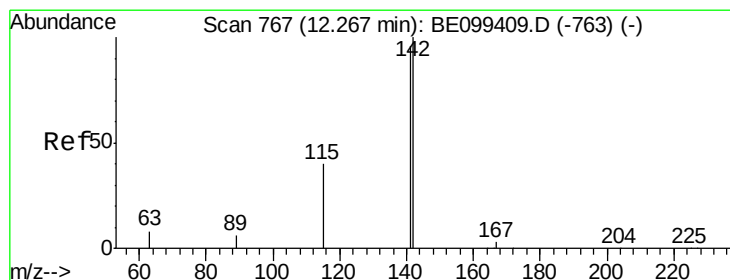
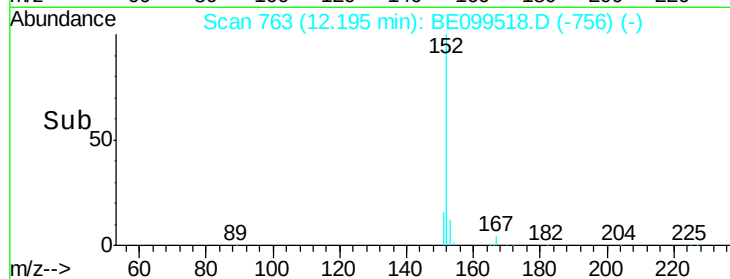
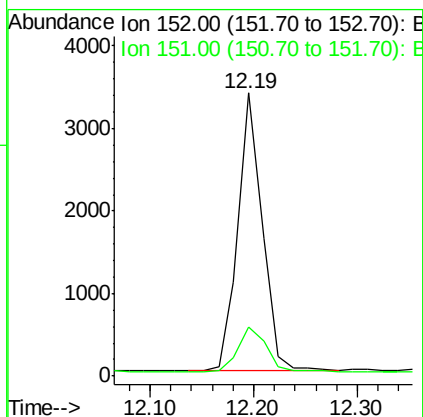
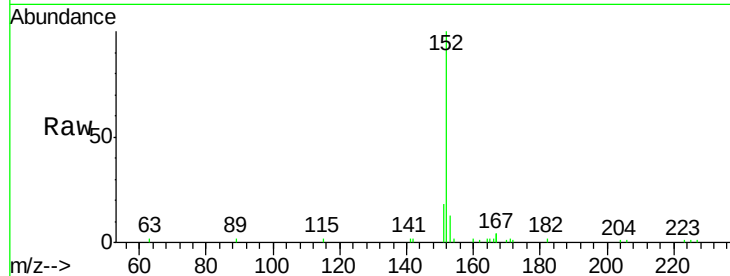




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.333 ng  
 RT: 12.19 min Scan# 763  
 Delta R.T. -0.00 min  
 Lab File: BE099518.D  
 Acq: 3 May 2019 6:44

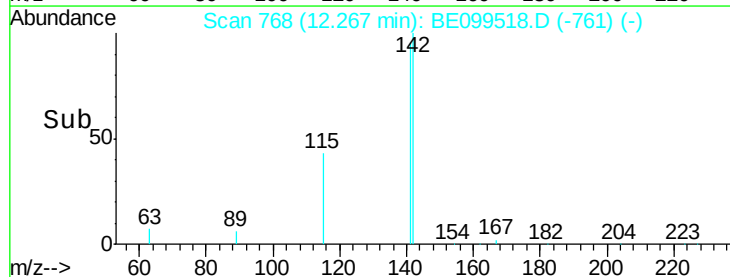
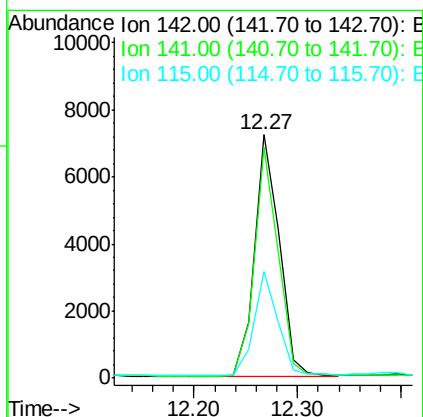
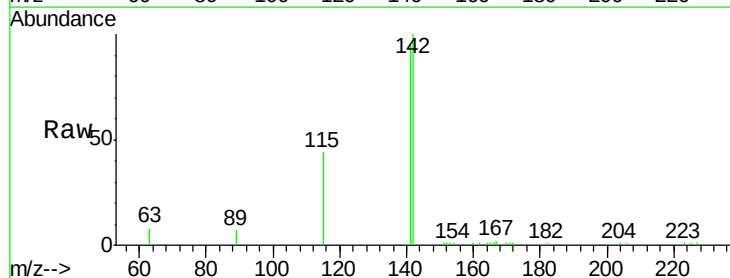
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-001-B188-042419

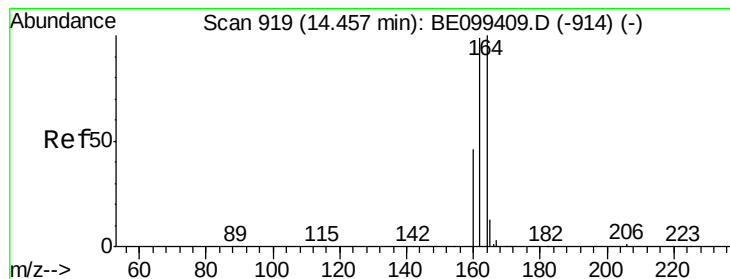
Tot Ion:152 Resp: 5528  
 Ion Ratio Lower Upper  
 152 100  
 151 19.4 15.5 23.3



#12  
 2-Methylnaphthalene  
 Concen: 0.687 ng  
 RT: 12.27 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: BE099518.D  
 Acq: 3 May 2019 6:44

Tgt Ion:142 Resp: 12010  
 Ion Ratio Lower Upper  
 142 100  
 141 94.6 77.0 115.4  
 115 43.6 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

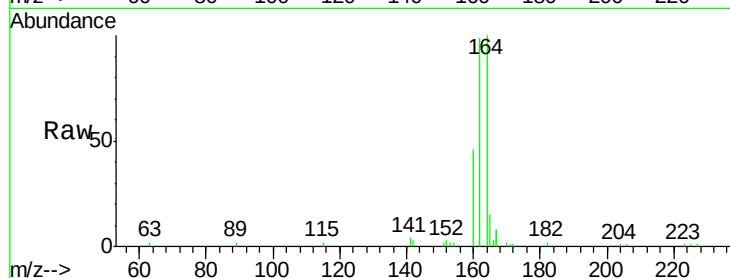
Tot Ion:164 Resp: 7028

Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.4

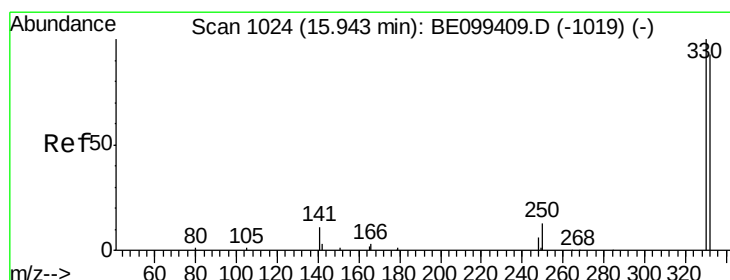
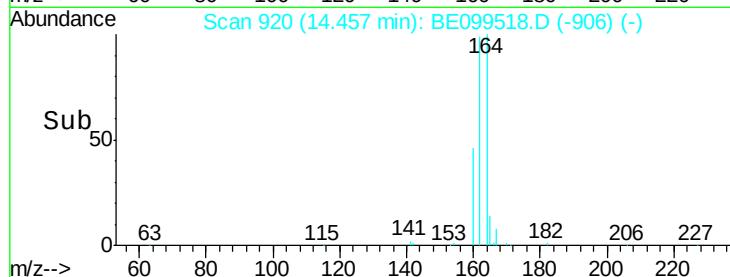
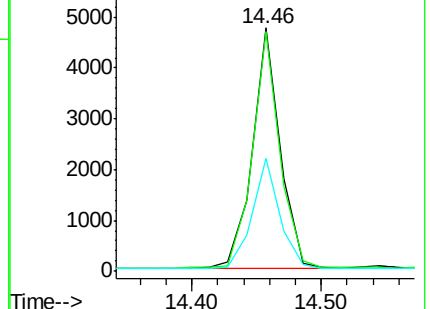
160 46.4 37.0 55.4



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: 0.413 ng

RT: 15.94 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

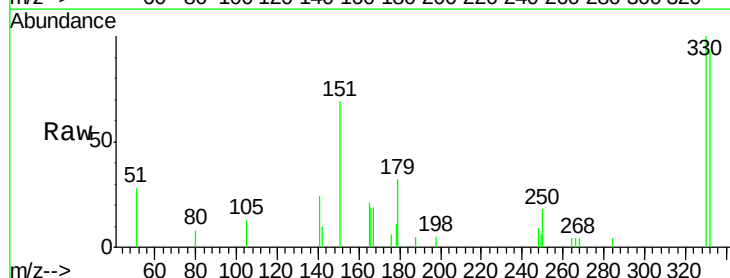
Tgt Ion:330 Resp: 1828

Ion Ratio Lower Upper

330 100

332 94.1 71.5 107.3

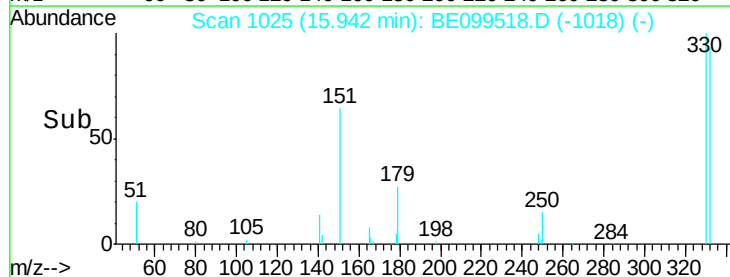
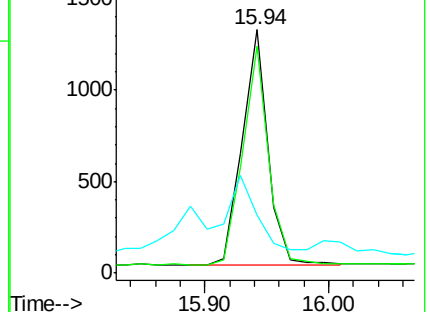
141 50.1 24.0 36.0#

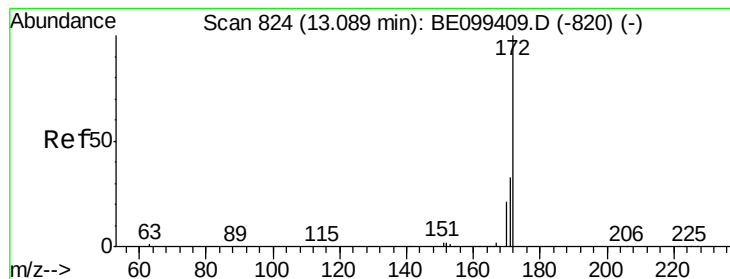


Abundance Ion 330.00 (329.70 to 330.70): E

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: 13.07 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

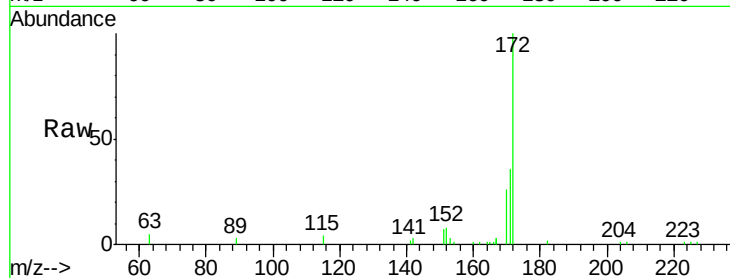
Tot Ion:172 Resp: 8085

Ion Ratio Lower Upper

172 100

171 35.9 26.6 39.8

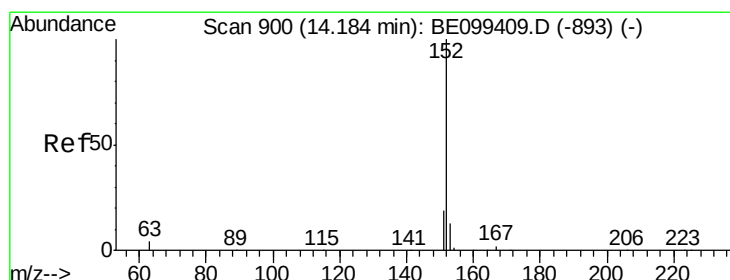
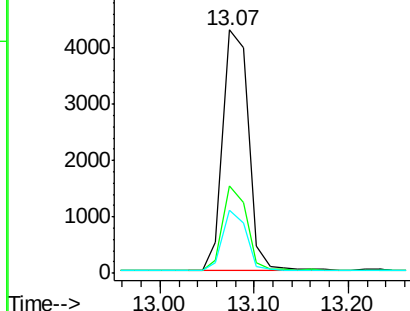
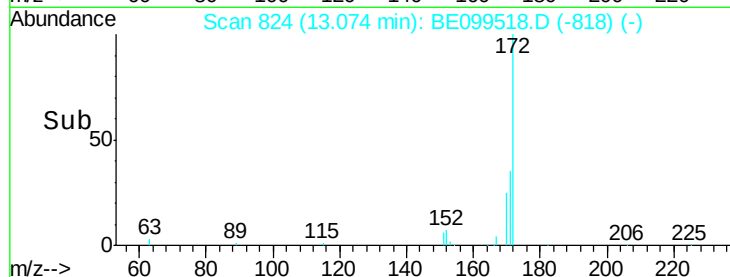
170 26.0 17.0 25.6#



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: 0.290 ng

RT: 14.18 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

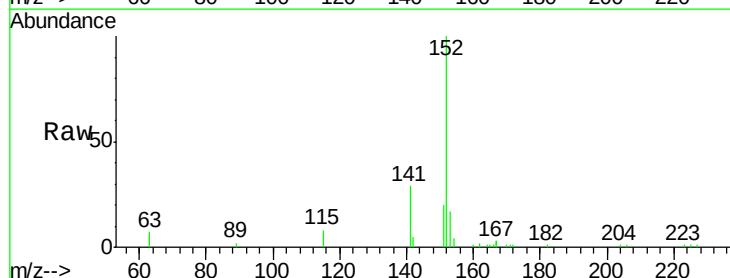
Tgt Ion:152 Resp: 9960

Ion Ratio Lower Upper

152 100

151 20.8 15.4 23.2

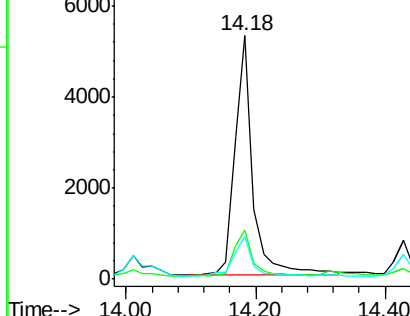
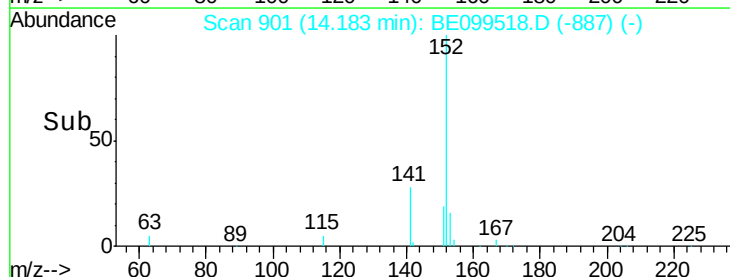
153 17.8 9.8 14.6#



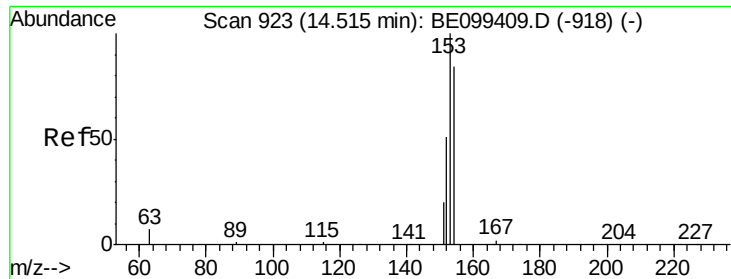
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



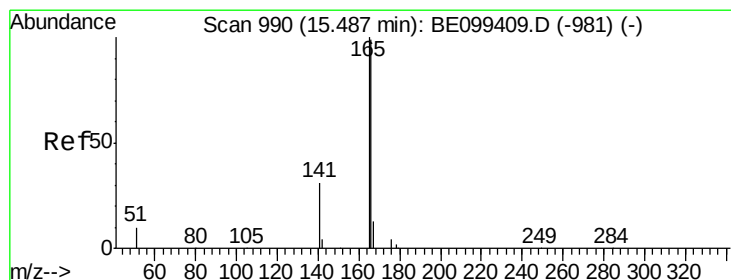
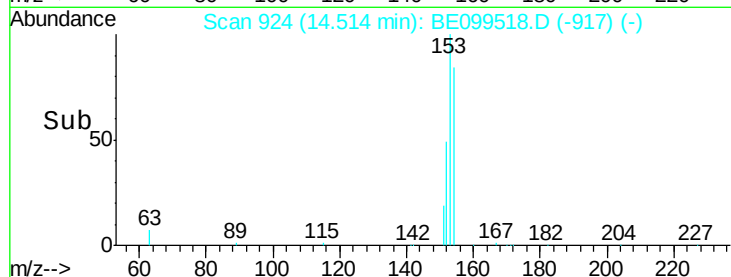
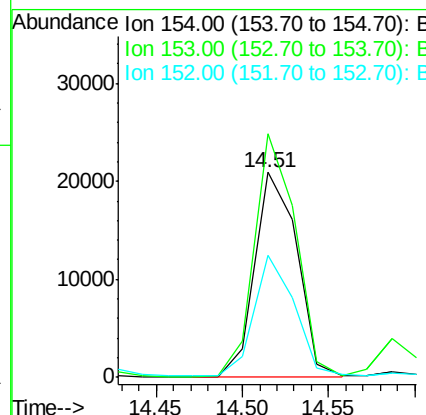
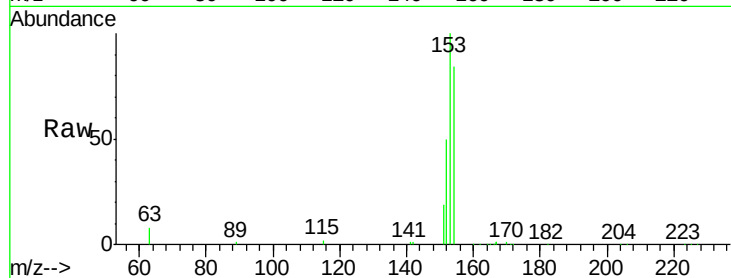




#17  
Acenaphthene  
Concen: 1.809 ng  
RT: 14.51 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

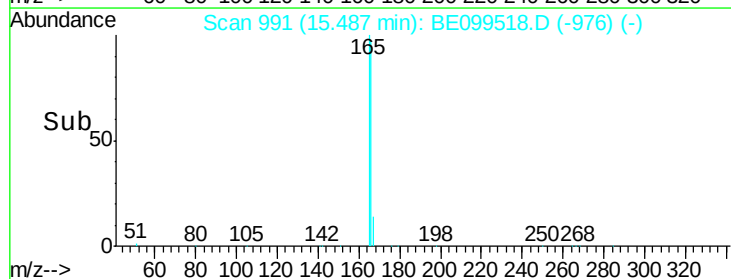
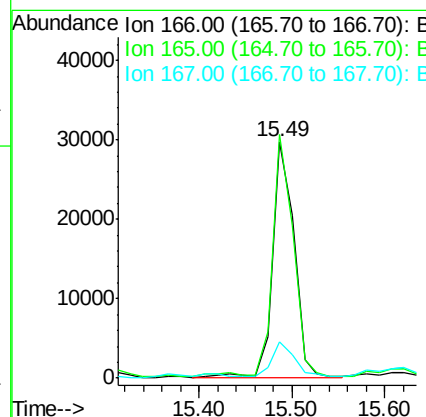
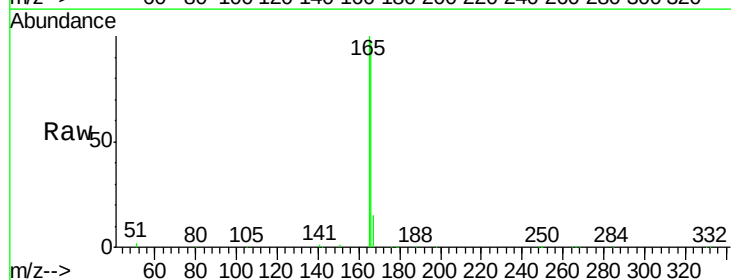
Instrument :  
BNA\_E  
ClientSampleId :  
PST-001-B188-042419

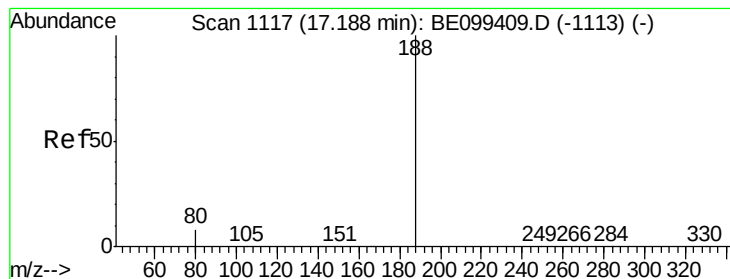
Tot Ion:154 Resp: 35533  
Ion Ratio Lower Upper  
154 100  
153 115.7 92.6 138.8  
152 57.0 45.8 68.8



#18  
Fluorene  
Concen: 1.639 ng  
RT: 15.49 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

Tgt Ion:166 Resp: 47502  
Ion Ratio Lower Upper  
166 100  
165 98.2 80.3 120.5  
167 16.0 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

Tot Ion:188 Resp: 21662

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

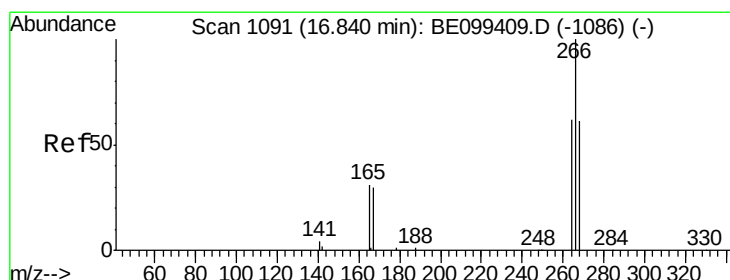
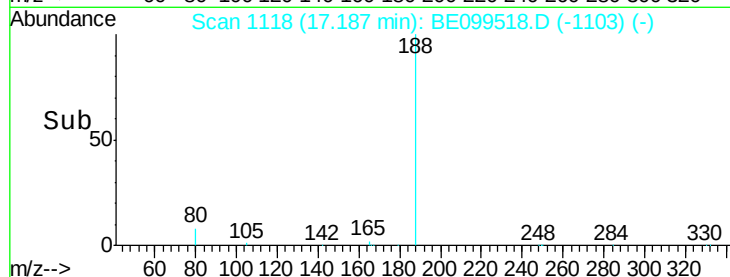
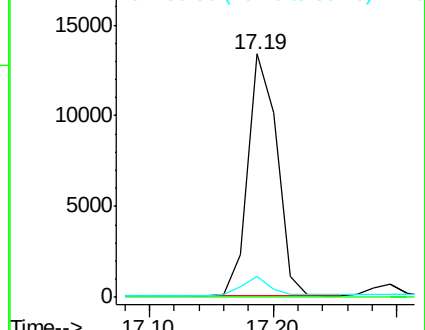
80 8.8 6.7 10.1



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: 0.233 ng

RT: 16.85 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

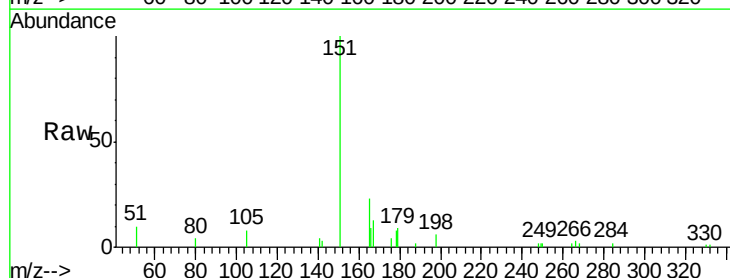
Tgt Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

264 78.3 50.8 76.2#

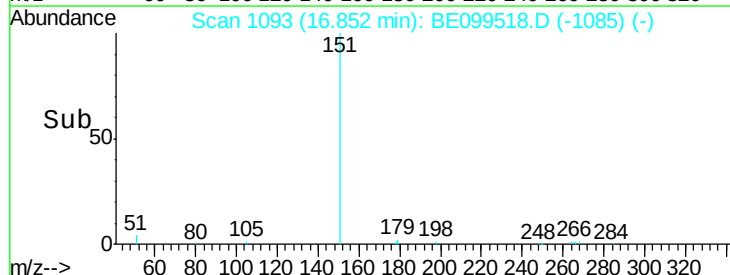
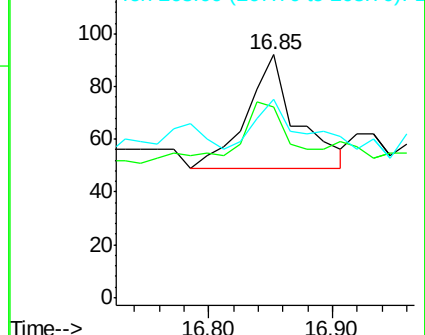
268 81.5 50.5 75.7#

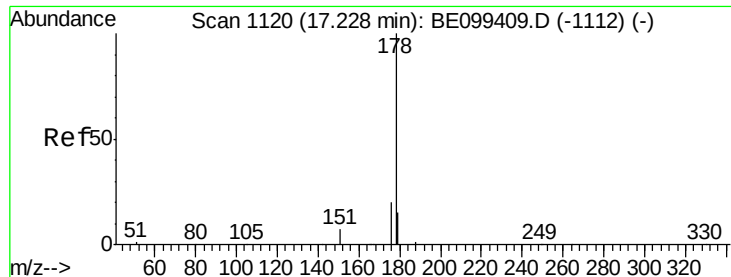


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

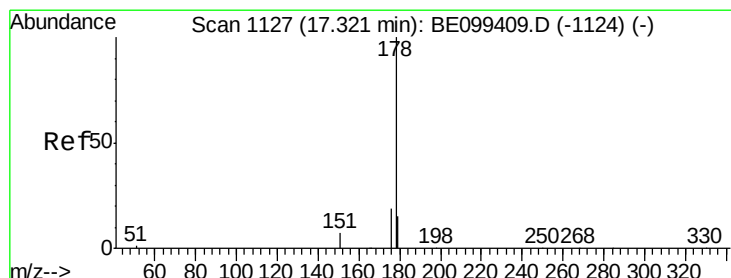
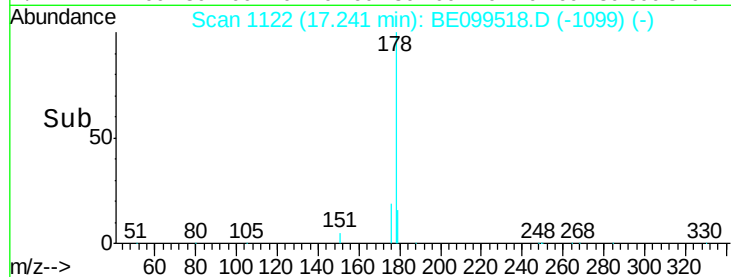
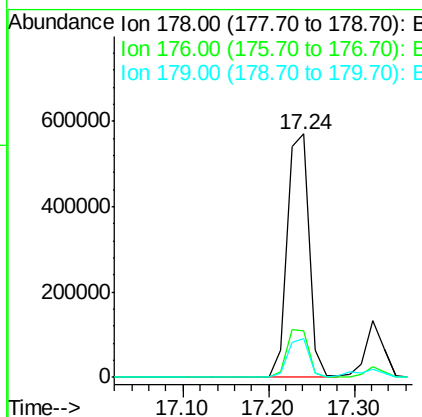
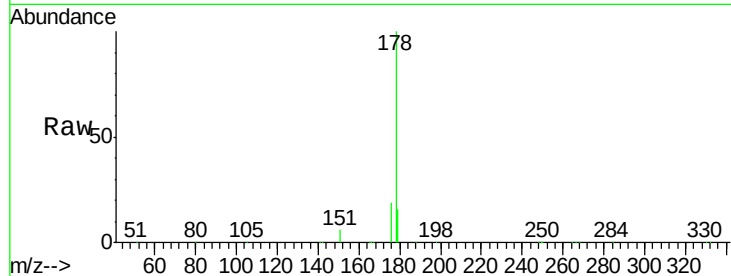




#23  
Phenanthrene  
Concen: 17.890 ng  
RT: 17.24 min Scan# 1122  
Delta R.T. 0.01 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

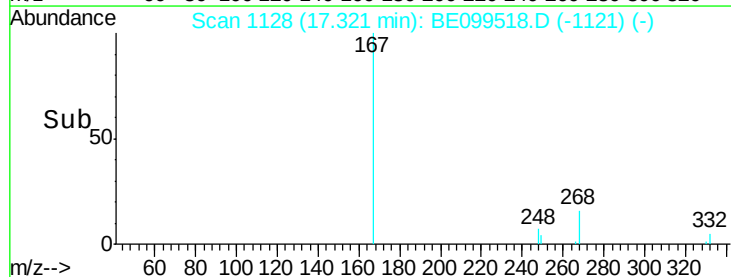
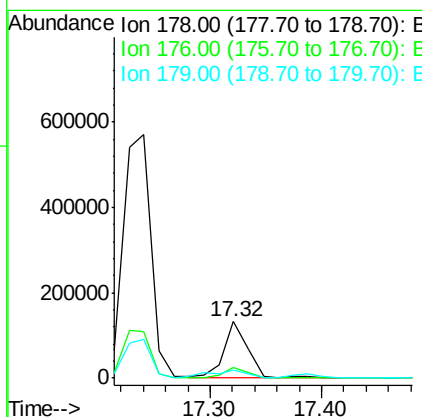
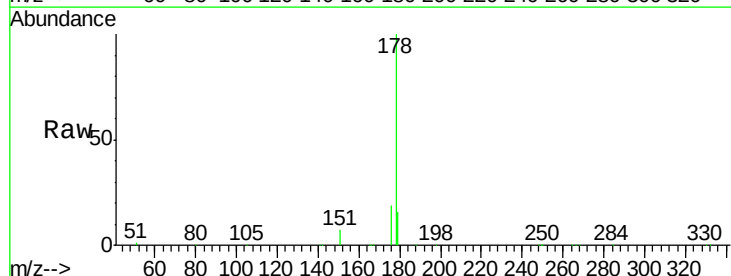
Instrument :  
BNA\_E  
ClientSampleId :  
PST-001-B188-042419

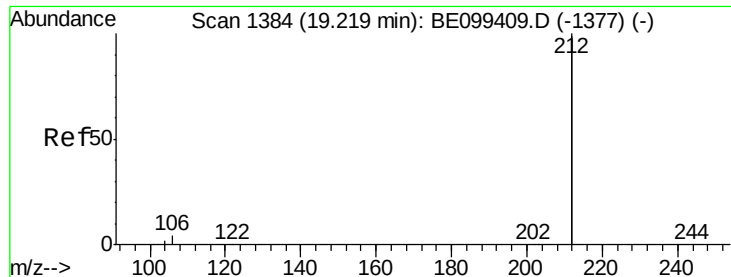
Tot Ion:178 Resp: 1000011  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.6 23.4  
179 15.6 12.0 18.0



#24  
Anthracene  
Concen: 3.695 ng  
RT: 17.32 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

Tgt Ion:178 Resp: 196875  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.9 22.3  
179 22.0 11.9 17.9#





#25

Fluoranthene-d10

Concen: 0.288 ng

RT: 19.22 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

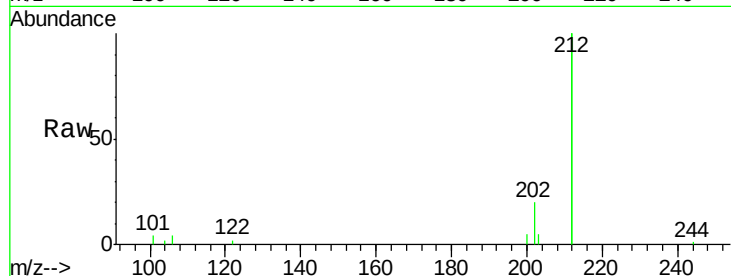
Tot Ion:212 Resp: 84044

Ion Ratio Lower Upper

212 100

106 2.0 1.5 2.3

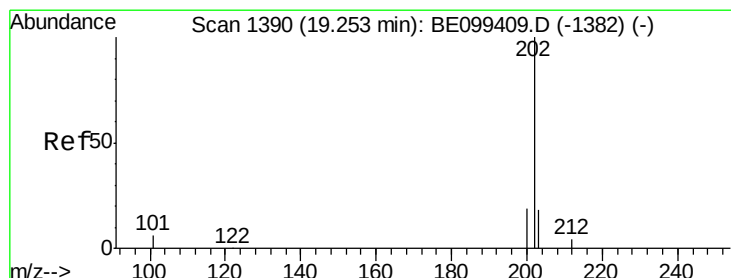
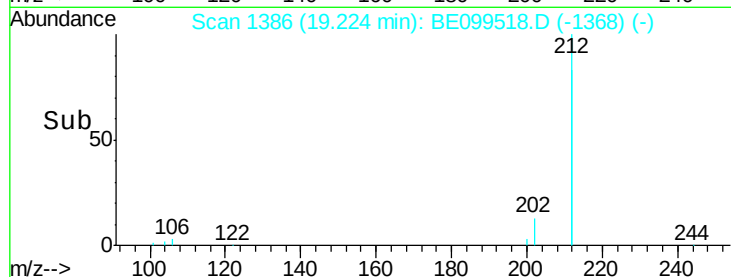
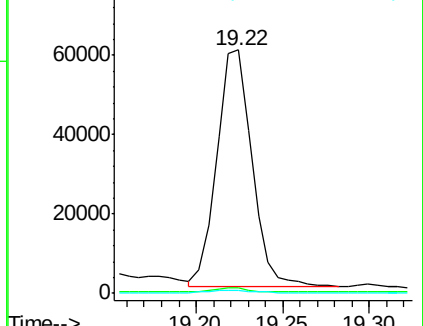
104 1.2 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 14.840 ng

RT: 19.25 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

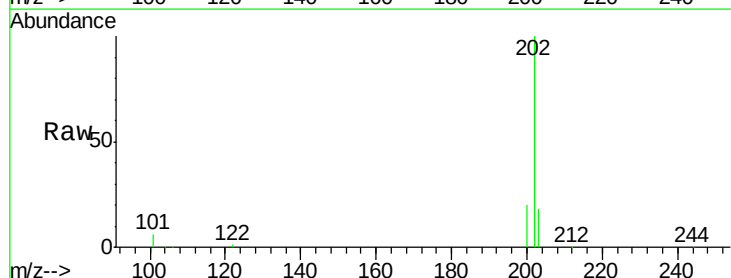
Tgt Ion:202 Resp: 1242464

Ion Ratio Lower Upper

202 100

101 6.2 5.4 8.0

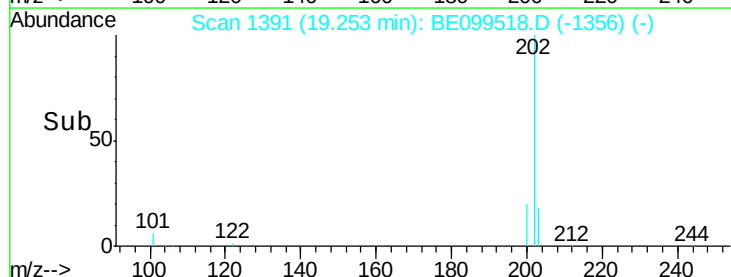
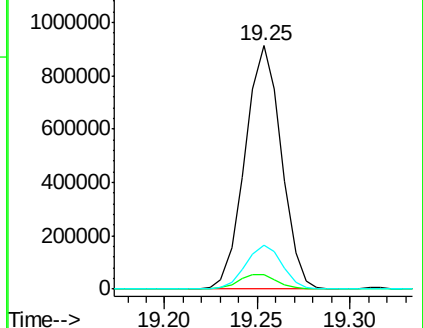
203 17.9 13.9 20.9

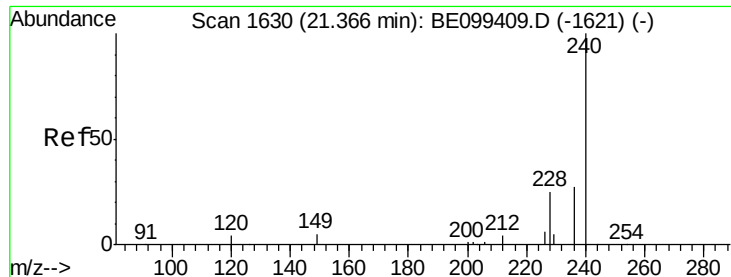


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

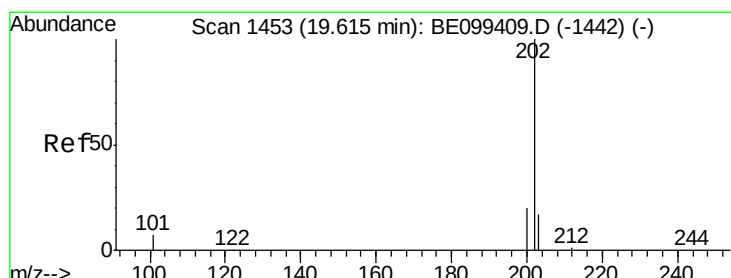
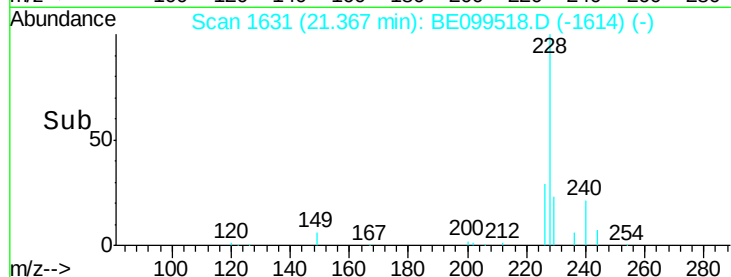
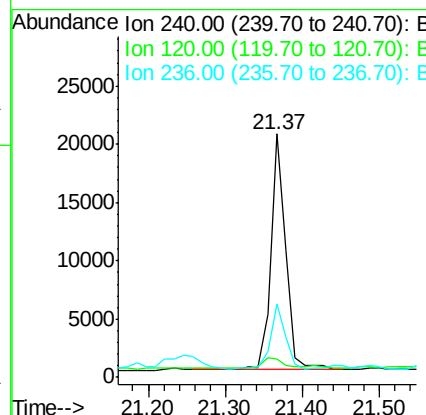
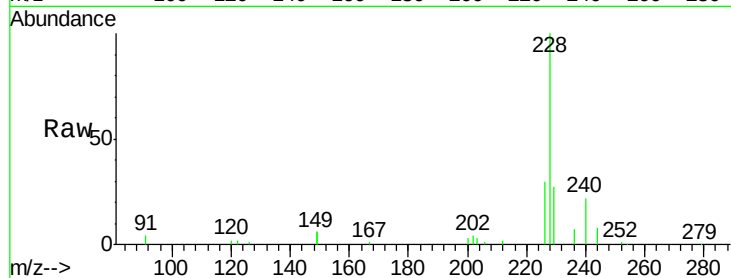




#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.37 min Scan# 1631  
Delta R.T. 0.00 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

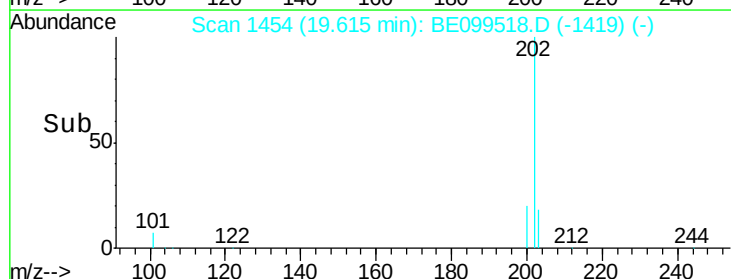
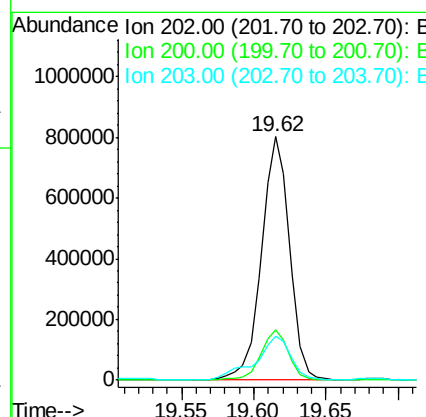
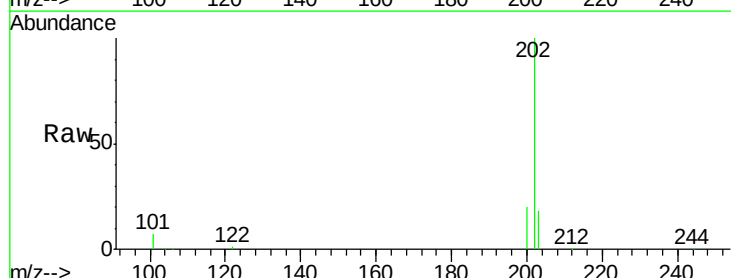
Instrument :  
BNA\_E  
ClientSampleId :  
PST-001-B188-042419

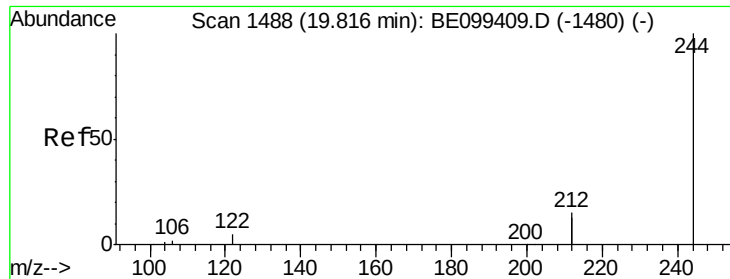
Tot Ion:240 Resp: 27613  
Ion Ratio Lower Upper  
240 100  
120 7.7 4.0 6.0#  
236 30.3 22.0 33.0



#28  
Pyrene  
Concen: 15.226 ng  
RT: 19.62 min Scan# 1454  
Delta R.T. -0.00 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

Tgt Ion:202 Resp: 1095920  
Ion Ratio Lower Upper  
202 100  
200 20.3 15.7 23.5  
203 22.5 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.350 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

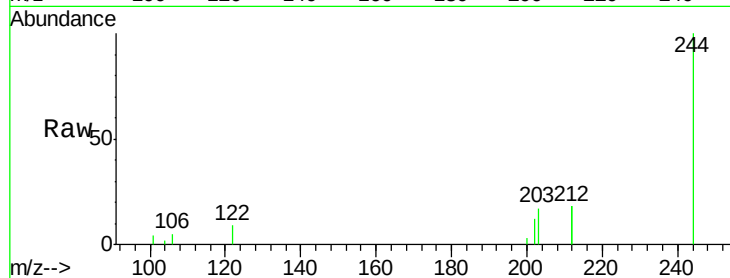
Tot Ion:244 Resp: 17682

Ion Ratio Lower Upper

244 100

212 35.5 23.2 34.8#

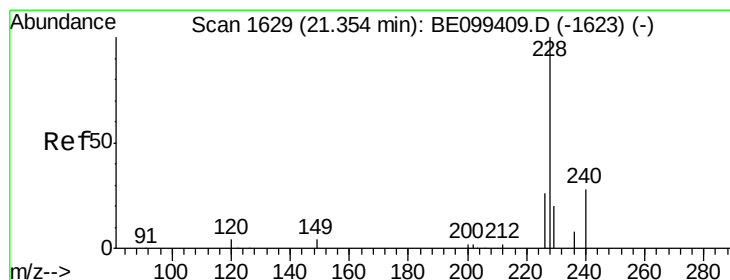
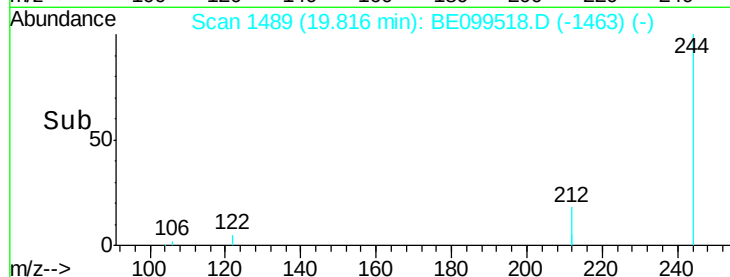
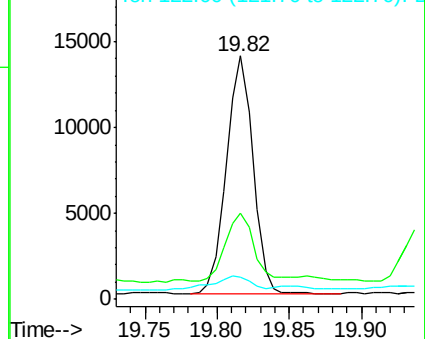
122 9.0 4.2 6.4#



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: 7.380 ng

RT: 21.35 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

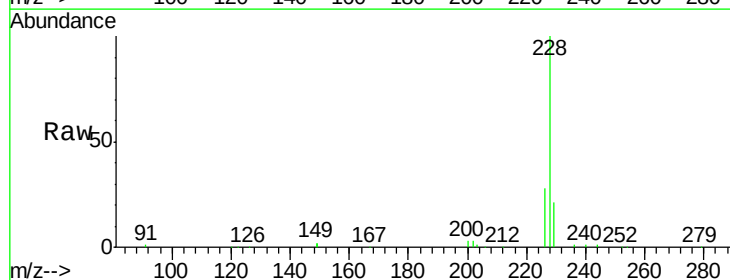
Tgt Ion:228 Resp: 649263

Ion Ratio Lower Upper

228 100

226 27.6 21.0 31.6

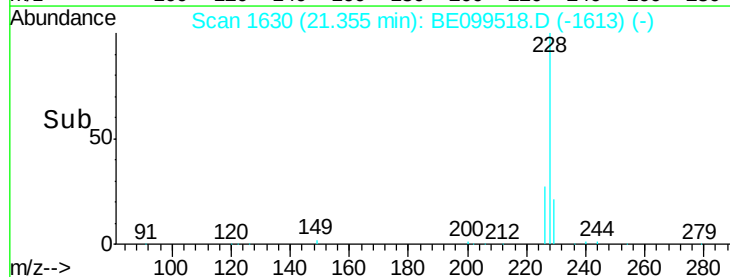
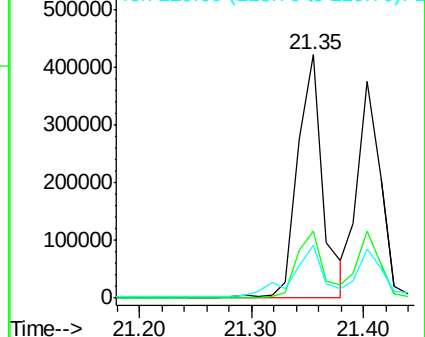
229 21.5 16.6 25.0

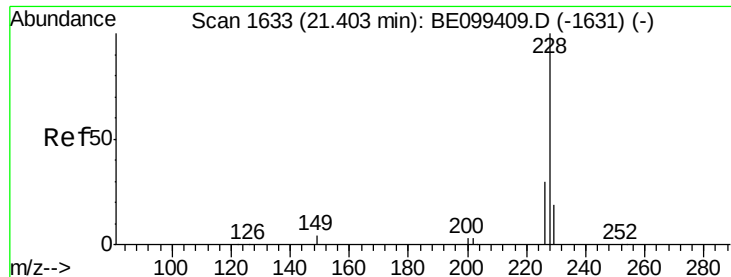


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 6.185 ng

RT: 21.40 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

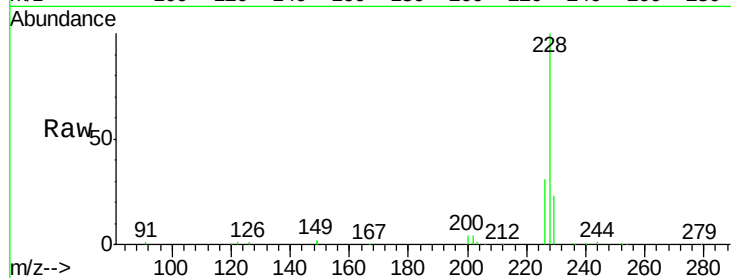
Tot Ion:228 Resp: 532490

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

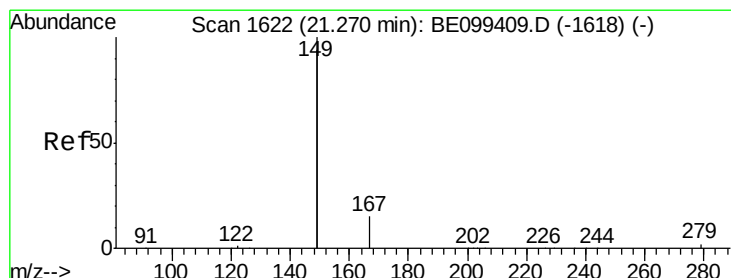
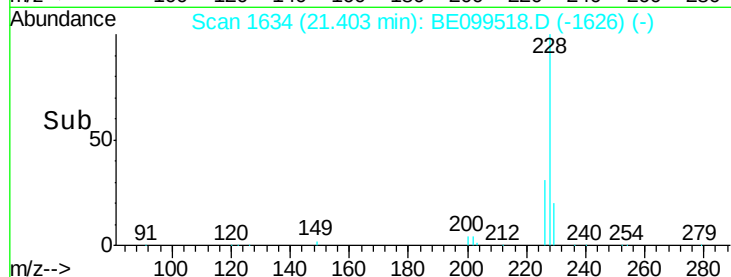
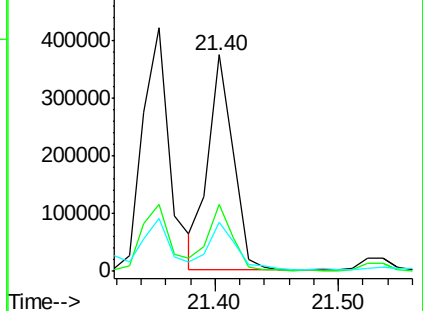
229 22.6 15.8 23.8



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: 0.091 ng

RT: 21.27 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

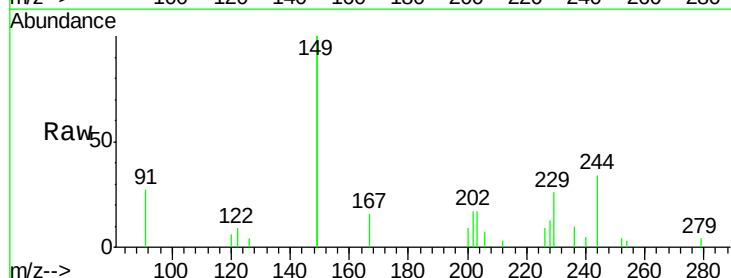
Tgt Ion:149 Resp: 20215

Ion Ratio Lower Upper

149 100

167 8.0 5.8 8.6

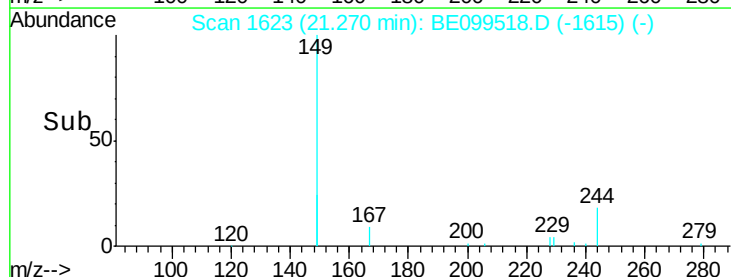
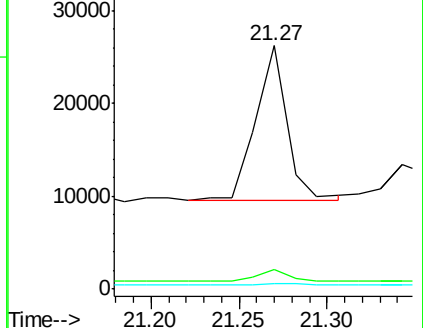
279 1.3 1.0 1.6

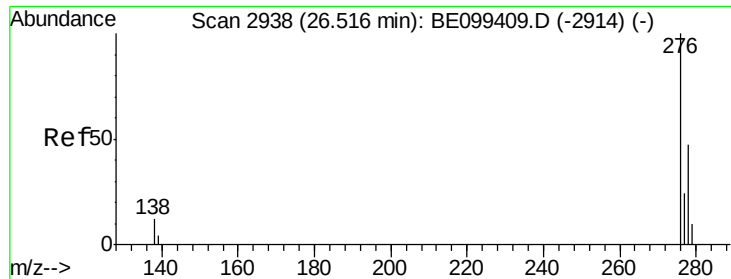


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

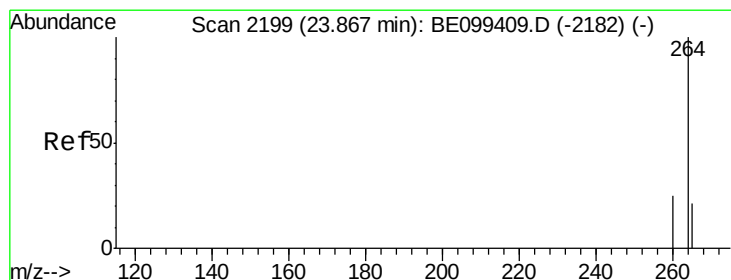
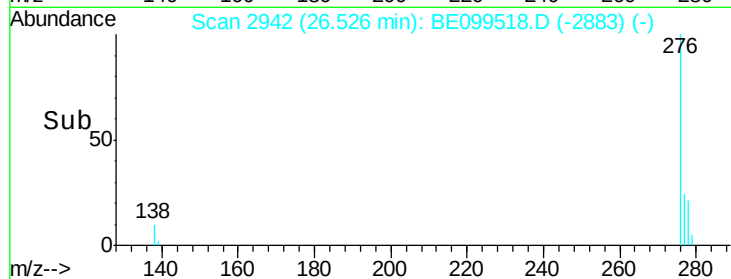
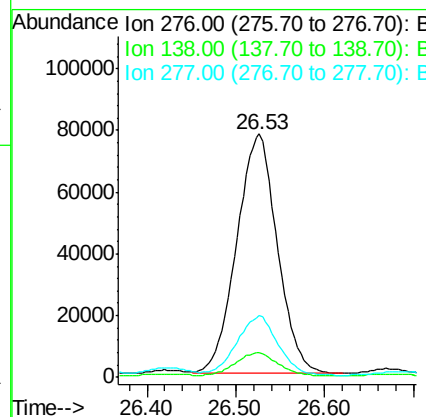
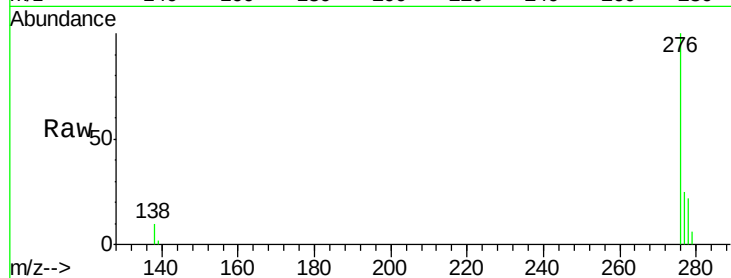




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.413 ng  
 RT: 26.53 min Scan# 2942  
 Delta R.T. 0.01 min  
 Lab File: BE099518.D  
 Acq: 3 May 2019 6:44

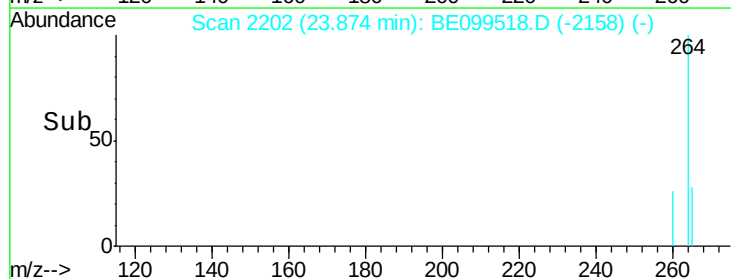
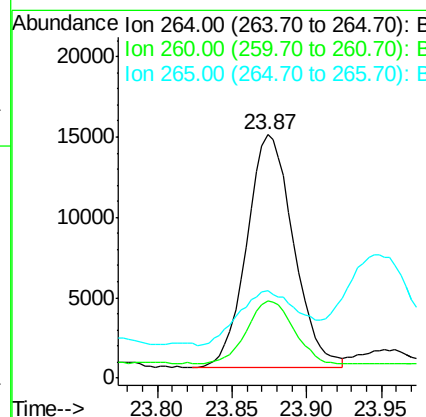
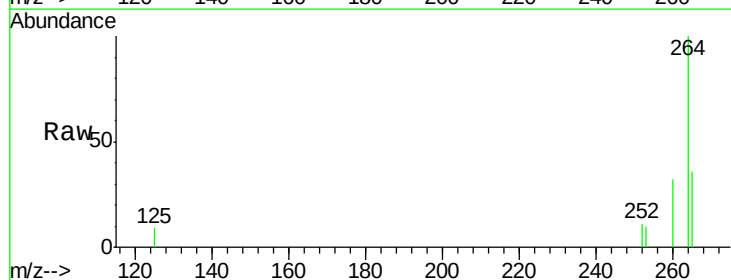
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-001-B188-042419

Tot Ion:276 Resp: 245549  
 Ion Ratio Lower Upper  
 276 100  
 138 10.0 10.2 15.2#  
 277 25.1 19.2 28.8

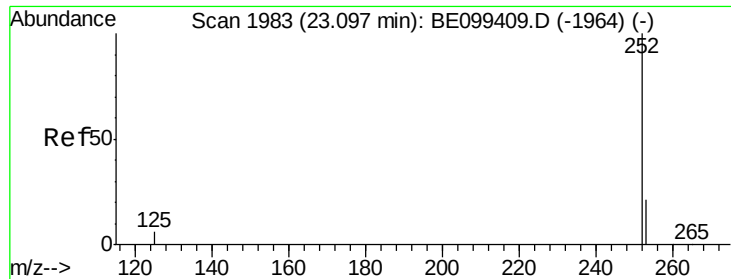


#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.87 min Scan# 2202  
 Delta R.T. 0.01 min  
 Lab File: BE099518.D  
 Acq: 3 May 2019 6:44

Tgt Ion:264 Resp: 31359  
 Ion Ratio Lower Upper  
 264 100  
 260 31.7 20.2 30.2#  
 265 36.1 21.3 31.9#







#35

Benzo(b)fluoranthene

Concen: 6.262 ng

RT: 23.11 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

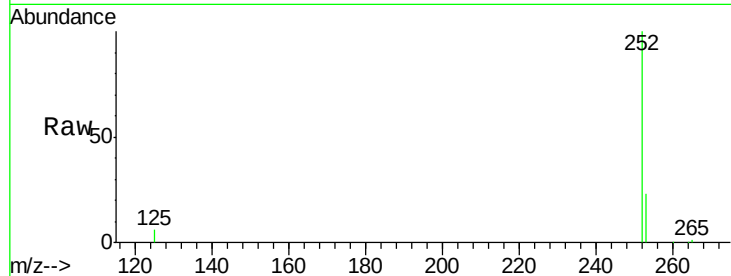
Tot Ion:252 Resp: 566276

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

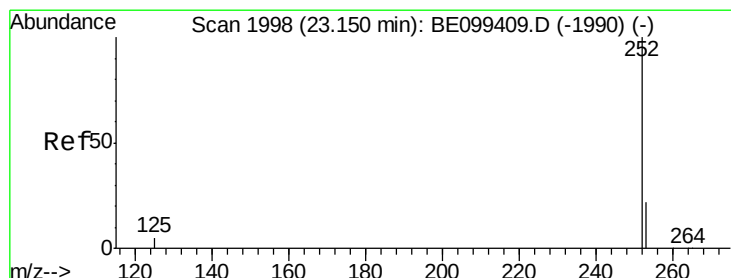
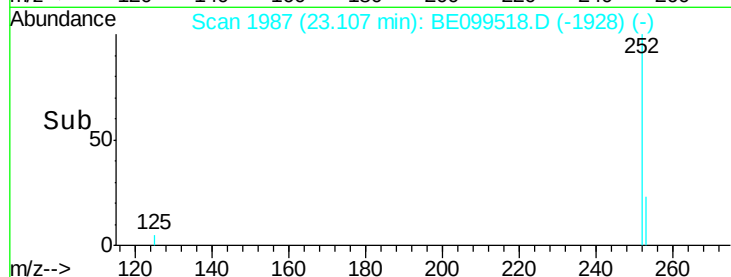
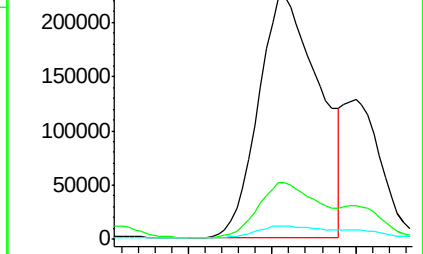
125 5.6 5.6 8.4#



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



#36

Benzo(k)fluoranthene

Concen: 6.494 ng

RT: 23.11 min Scan# 1987

Delta R.T. -0.04 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

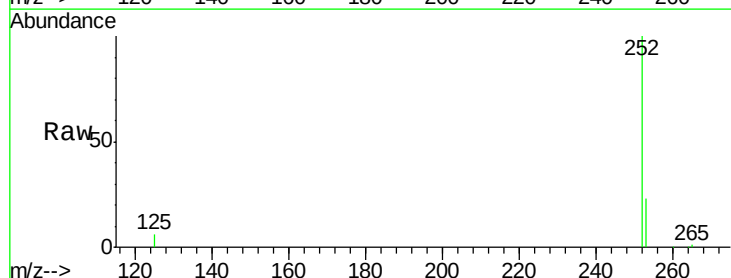
Tgt Ion:252 Resp: 566276

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

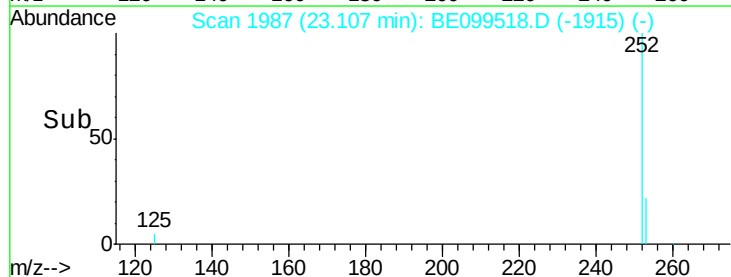
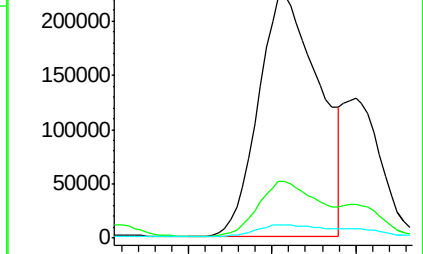
125 5.6 5.0 7.4

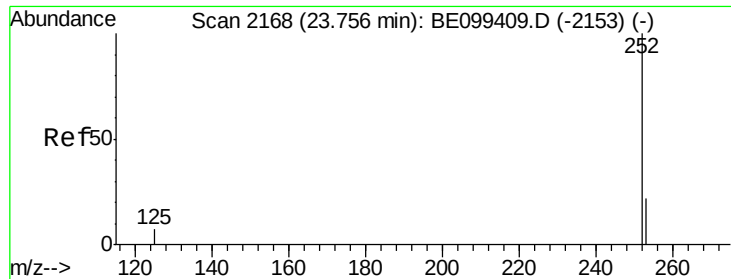


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

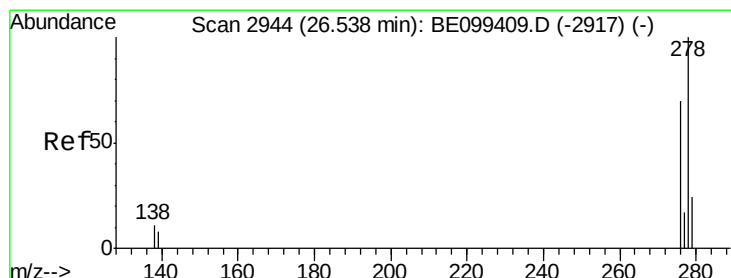
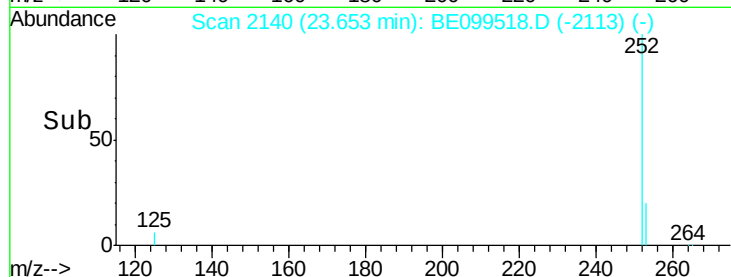
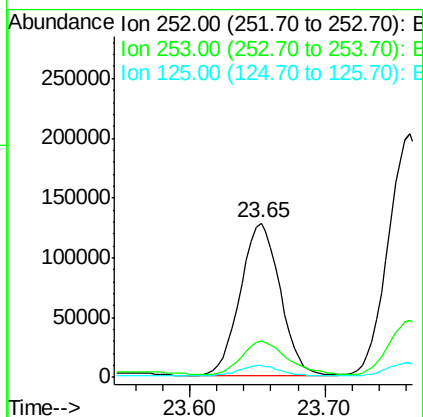
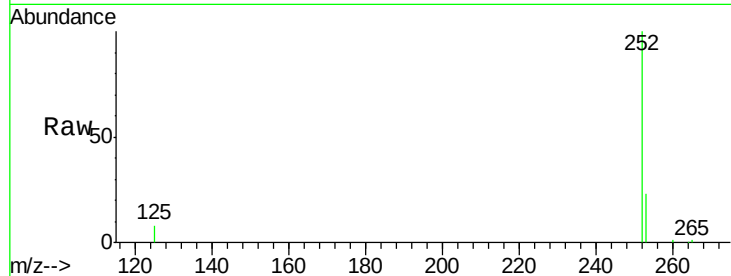




#37  
Benzo(a)pyrene  
Concen: 3.069 ng  
RT: 23.65 min Scan# 2140  
Delta R.T. -0.10 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

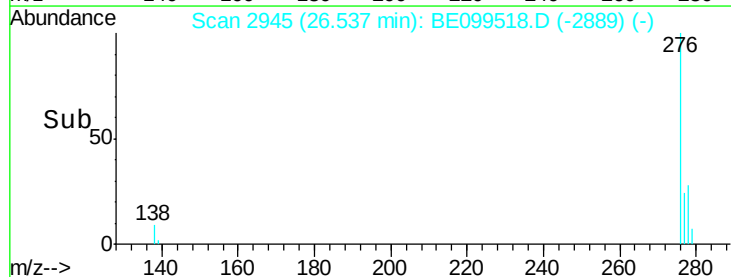
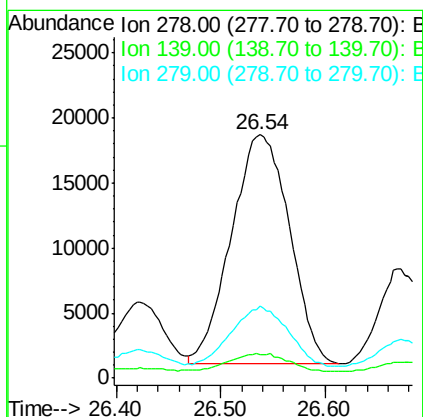
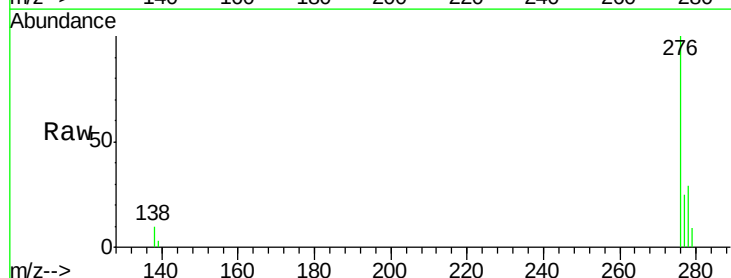
Instrument :  
BNA\_E  
ClientSampleId :  
PST-001-B188-042419

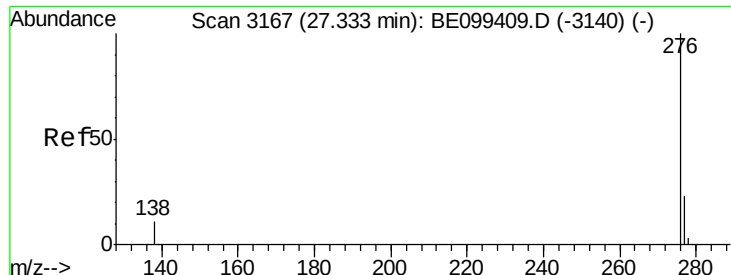
Tot Ion:252 Resp: 262363  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.9 28.3  
125 7.5 6.7 10.1



#38  
Dibenzo(a,h)anthracene  
Concen: 0.782 ng  
RT: 26.54 min Scan# 2945  
Delta R.T. -0.00 min  
Lab File: BE099518.D  
Acq: 3 May 2019 6:44

Tgt Ion:278 Resp: 68415  
Ion Ratio Lower Upper  
278 100  
139 9.6 7.7 11.5  
279 29.5 20.2 30.2





#39

Benzo(a,h,i)perylene

Concen: 2.582 ng

RT: 27.34 min Scan# 3171

Delta R.T. 0.01 min

Lab File: BE099518.D

Acq: 3 May 2019 6:44

Instrument :

BNA\_E

ClientSampleId :

PST-001-B188-042419

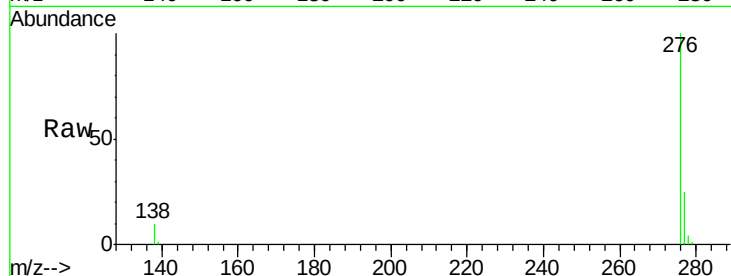
Tot Ion: 276 Resp: 226214

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 10.2 9.6 14.4



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

