

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE101019\  
 Data File : BE100629.D  
 Acq On : 10 Oct 2019 12:51  
 Operator : JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Oct 10 14:07:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 10 12:09:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 6050     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.64 | 136  | 25921    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.49 | 164  | 16990    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.20 | 188  | 39453    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.37 | 240  | 48559    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.85 | 264  | 53089    | 0.40 | ng    | 0.00     |

|                             |       |     |         |      |    |      |
|-----------------------------|-------|-----|---------|------|----|------|
| System Monitoring Compounds |       |     |         |      |    |      |
| 4) 2-Fluorophenol           | 5.45  | 112 | 61177   | 3.75 | ng | 0.00 |
| 5) Phenol-d6                | 7.01  | 99  | 88357   | 4.31 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.99  | 82  | 56396   | 3.49 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 138426  | 3.57 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.96 | 330 | 17188   | 4.43 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.12 | 172 | 203283  | 3.30 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.23 | 212 | 1688459 | 3.47 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.83 | 244 | 374379  | 3.49 | ng | 0.00 |

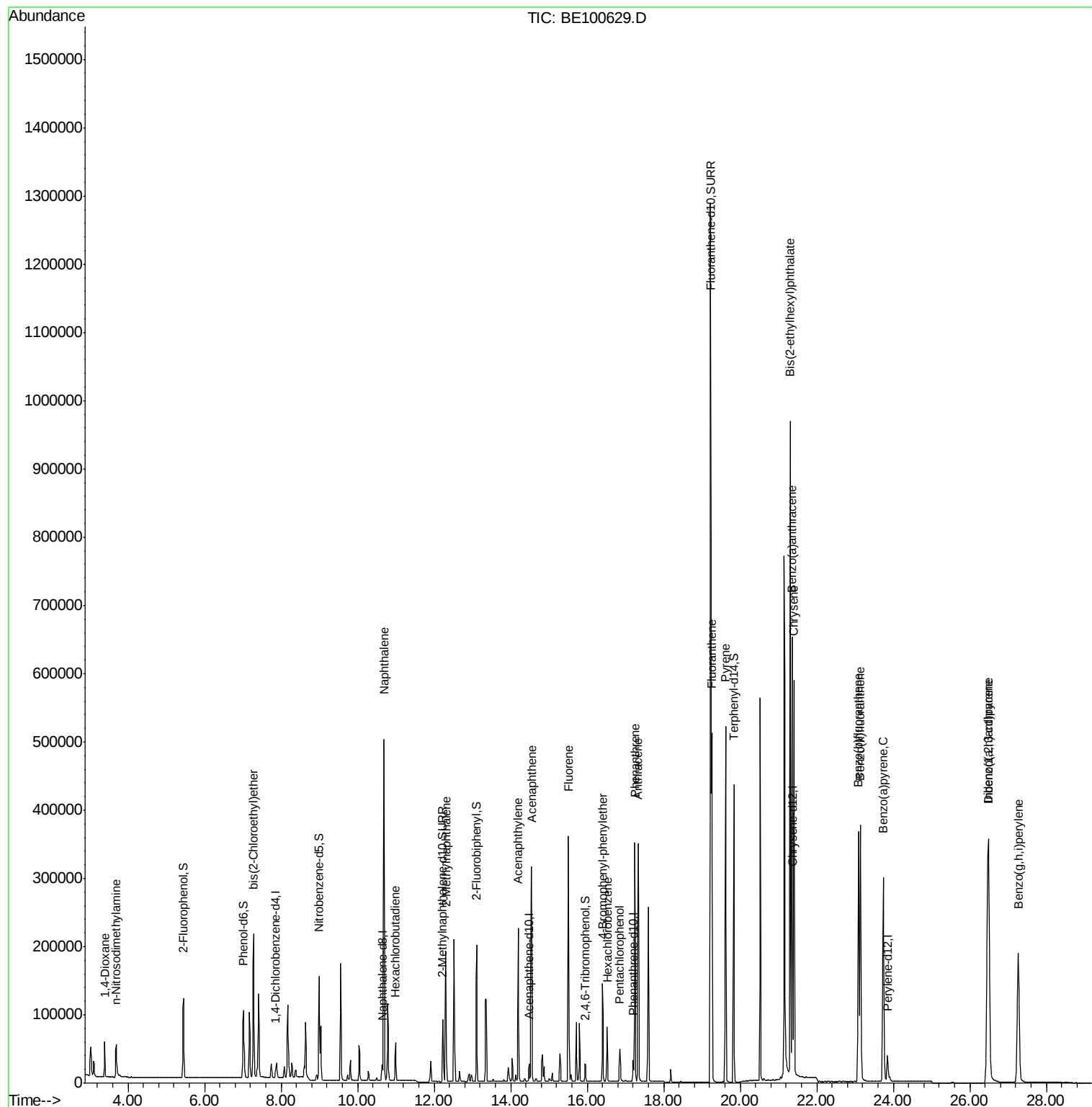
|                                |       |     |         |        |    |       |
|--------------------------------|-------|-----|---------|--------|----|-------|
| Target Compounds               |       |     |         | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.38  | 88  | 33114   | 3.250  | ng | # 100 |
| 3) n-Nitrosodimethylamine      | 3.68  | 42  | 38294   | 7.986  | ng | # 95  |
| 6) bis(2-Chloroethyl)ether     | 7.28  | 93  | 73374   | 3.860  | ng | 100   |
| 9) Naphthalene                 | 10.69 | 128 | 896830  | 3.354  | ng | 100   |
| 10) Hexachlorobutadiene        | 10.99 | 225 | 38659   | 4.482  | ng | 98    |
| 12) 2-Methylnaphthalene        | 12.31 | 142 | 157238  | 3.580  | ng | 99    |
| 16) Acenaphthylene             | 14.20 | 152 | 249941  | 3.463  | ng | 100   |
| 17) Acenaphthene               | 14.54 | 154 | 157987  | 3.270  | ng | 97    |
| 18) Fluorene                   | 15.51 | 166 | 212502  | 3.441  | ng | 100   |
| 20) 4-Bromophenyl-phenylether  | 16.40 | 248 | 66937   | 3.427  | ng | # 65  |
| 21) Hexachlorobenzene          | 16.52 | 284 | 63054   | 3.836  | ng | 98    |
| 22) Pentachlorophenol          | 16.85 | 266 | 23315   | 5.131  | ng | 99    |
| 23) Phenanthrene               | 17.24 | 178 | 354370  | 3.157  | ng | 99    |
| 24) Anthracene                 | 17.34 | 178 | 343662  | 3.558  | ng | 100   |
| 26) Fluoranthene               | 19.25 | 202 | 470453  | 3.403  | ng | 100   |
| 28) Pyrene                     | 19.62 | 202 | 473575  | 3.804  | ng | 99    |
| 30) Benzo(a)anthracene         | 21.35 | 228 | 525388  | 3.870  | ng | 99    |
| 31) Chrysene                   | 21.40 | 228 | 530019  | 3.649  | ng | 99    |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 1003354 | 3.870  | ng | # 99  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.46 | 276 | 623473  | 3.646  | ng | 100   |
| 35) Benzo(b)fluoranthene       | 23.09 | 252 | 527479  | 3.667  | ng | 99    |
| 36) Benzo(k)fluoranthene       | 23.14 | 252 | 561309  | 3.433  | ng | 99    |
| 37) Benzo(a)pyrene             | 23.74 | 252 | 499134  | 3.780  | ng | 98    |
| 38) Dibenzo(a,h)anthracene     | 26.50 | 278 | 519073  | 3.737  | ng | 99    |
| 39) Benzo(g,h,i)perylene       | 27.27 | 276 | 504653  | 3.587  | ng | 98    |

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

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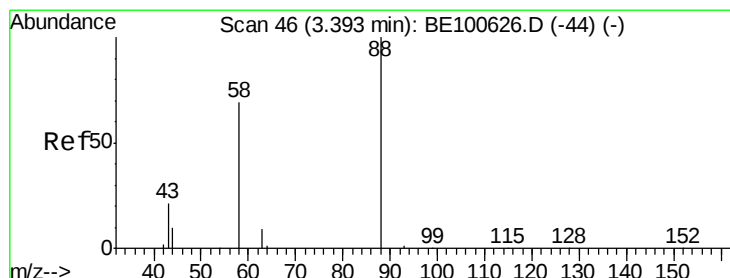
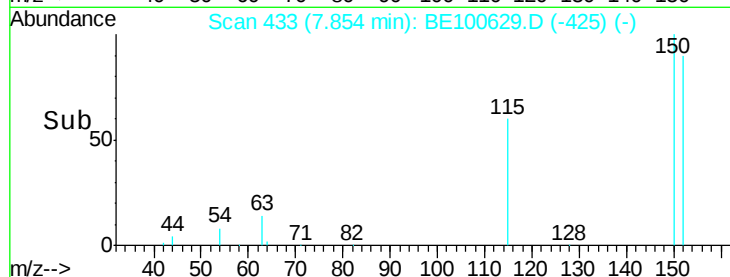
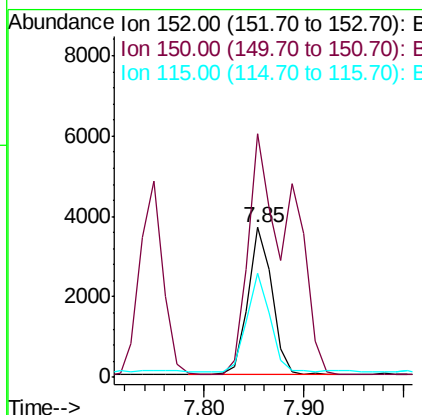
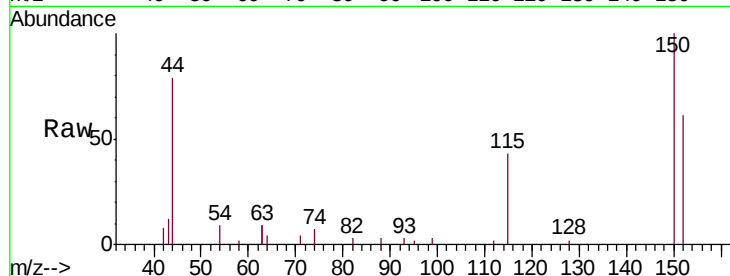


#1

1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.85 min Scan# 433  
 Delta R.T. -0.01 min  
 Lab File: BE100629.D  
 Acq: 10 Oct 2019 12:51

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

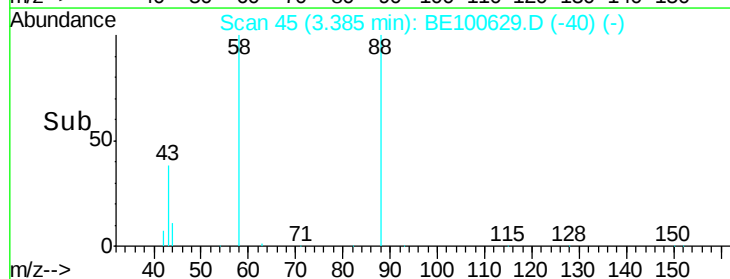
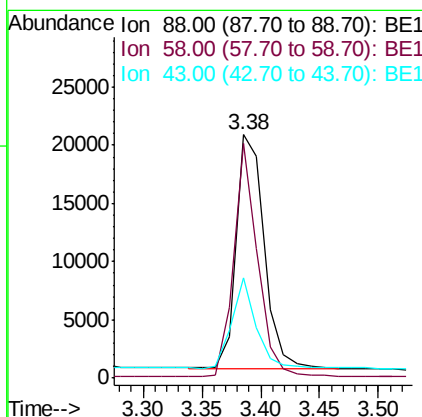
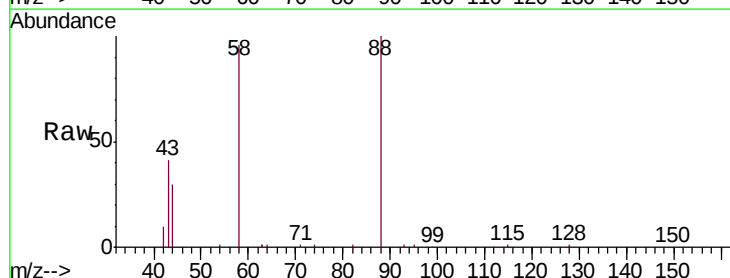
Tgt Ion:152 Resp: 6050  
 Ion Ratio Lower Upper  
 152 100  
 150 162.6 120.7 181.1  
 115 69.7 48.0 72.0



#2

1,4-Dioxane  
 Concen: 3.250 ng  
 RT: 3.38 min Scan# 45  
 Delta R.T. -0.01 min  
 Lab File: BE100629.D  
 Acq: 10 Oct 2019 12:51

Tgt Ion: 88 Resp: 33114  
 Ion Ratio Lower Upper  
 88 100  
 58 85.7 0.0 0.0#  
 43 33.2 0.0 0.0#





#3

n-Nitrosodimethylamine

Concen: 7.986 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

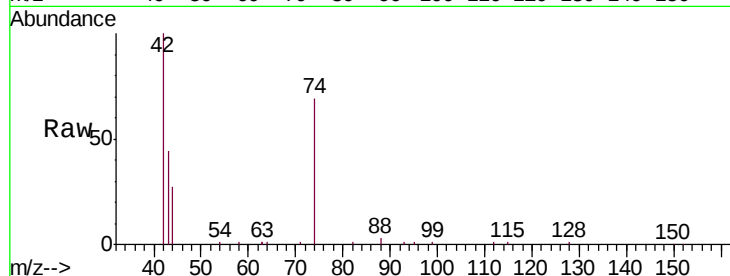
Tgt Ion: 42 Resp: 38294

Ion Ratio Lower Upper

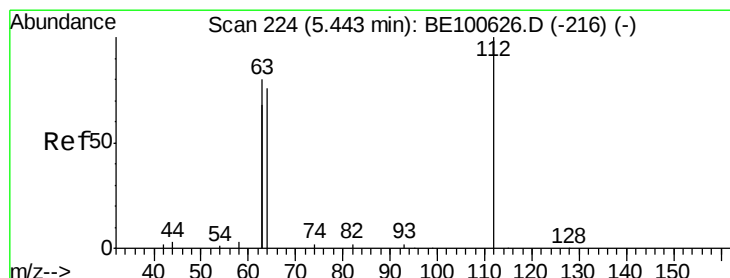
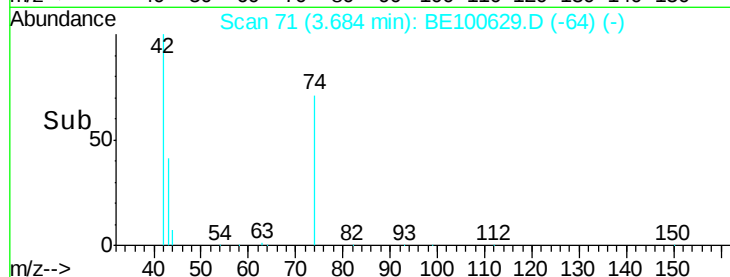
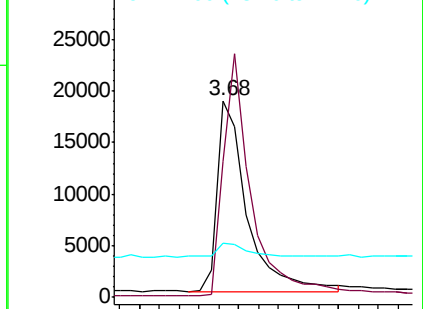
42 100

74 119.4 91.7 137.5

44 7.7 8.2 12.2#



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: 3.747 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

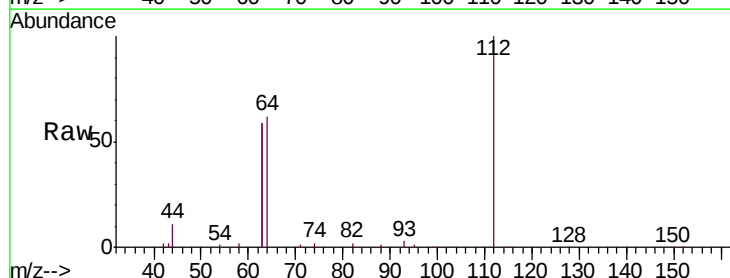
Tgt Ion: 112 Resp: 61177

Ion Ratio Lower Upper

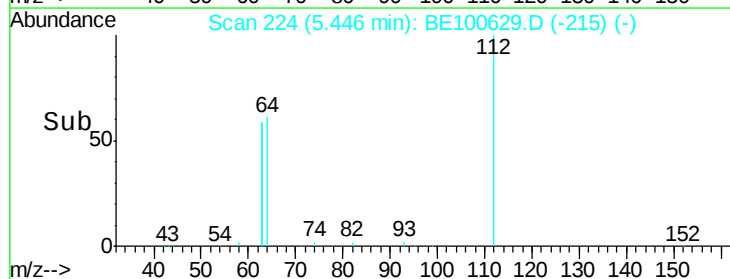
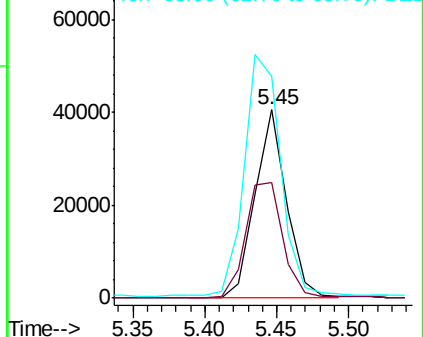
112 100

64 72.6 58.9 88.3

63 147.4 118.3 177.5



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





#5

Phenol-d6

Concen: 4.306 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

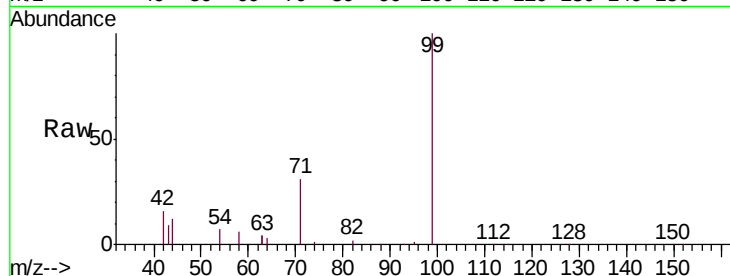
Tgt Ion: 99 Resp: 88357

Ion Ratio Lower Upper

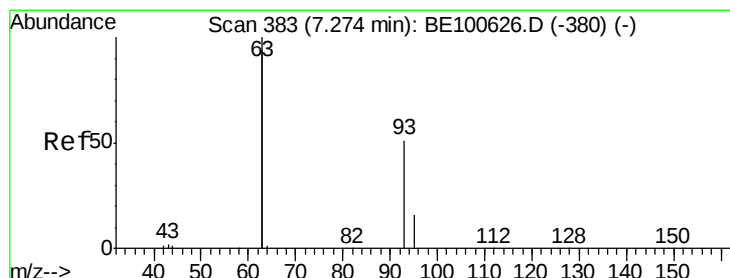
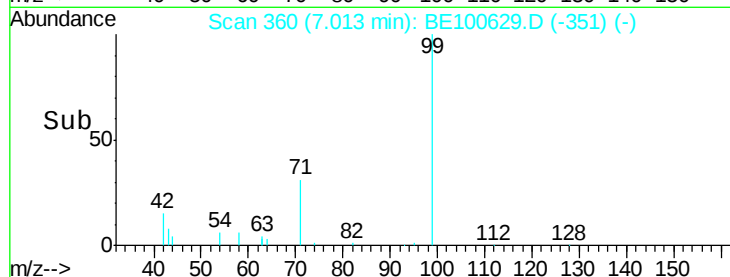
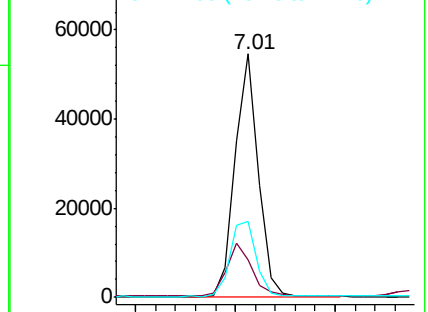
99 100

42 22.9 19.4 29.2

71 34.9 26.9 40.3



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



#6

bis(2-Chloroethyl)ether

Concen: 3.860 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

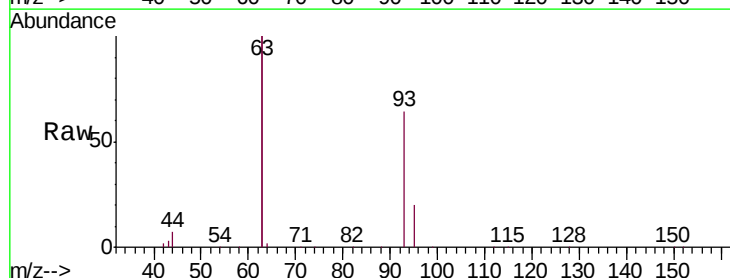
Tgt Ion: 93 Resp: 73374

Ion Ratio Lower Upper

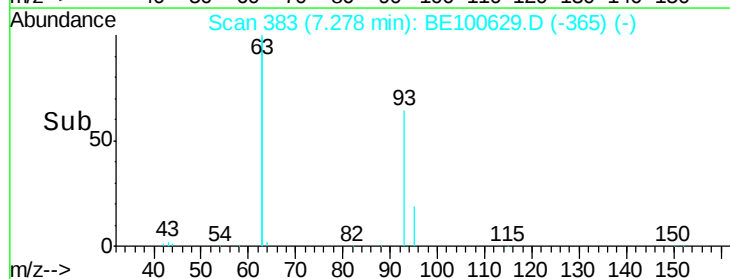
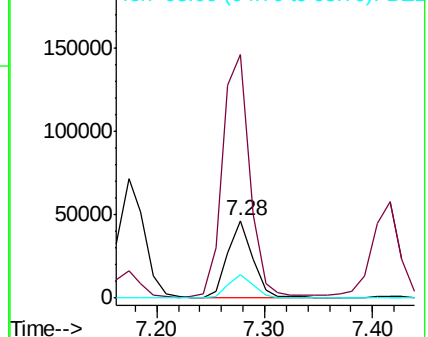
93 100

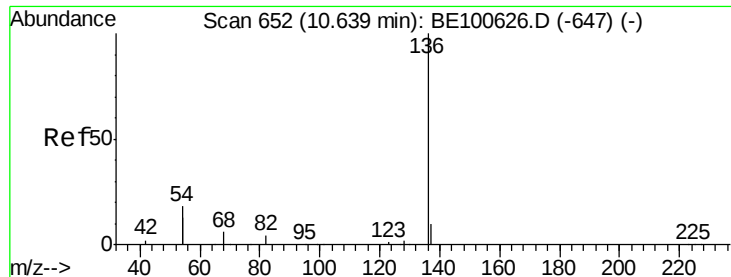
63 346.6 277.4 416.0

95 31.1 24.7 37.1



Abundance Ion 93.00 (92.70 to 93.70): BE1  
Ion 63.00 (62.70 to 63.70): BE1  
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 136 Resp: 25921

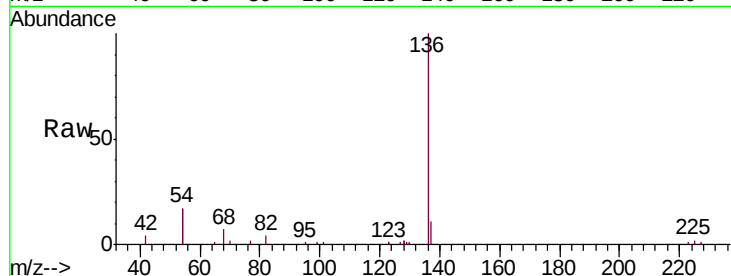
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 33.2 28.7 43.1

68 7.0 5.9 8.9

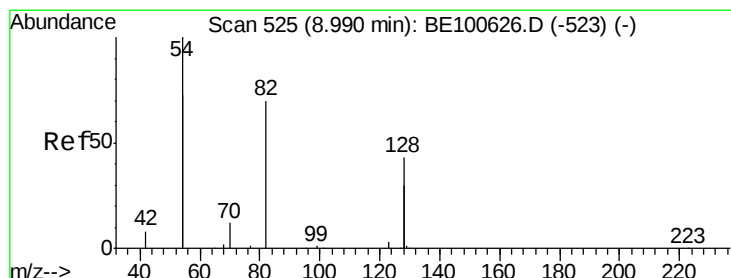
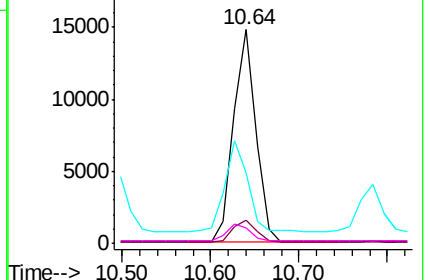
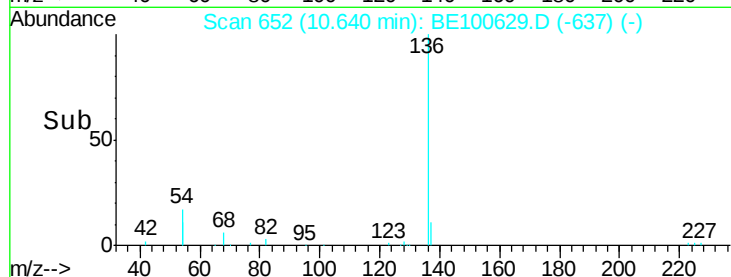


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.485 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

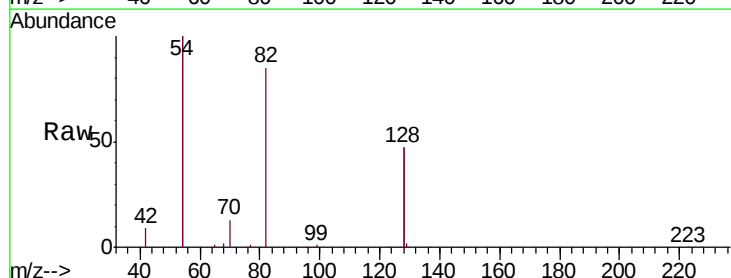
Tgt Ion: 82 Resp: 56396

Ion Ratio Lower Upper

82 100

128 109.8 90.7 136.1

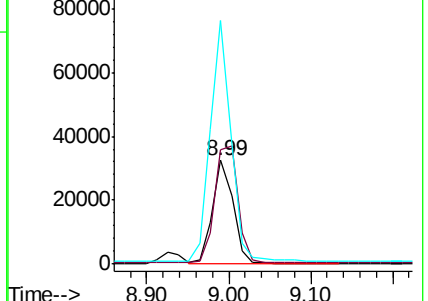
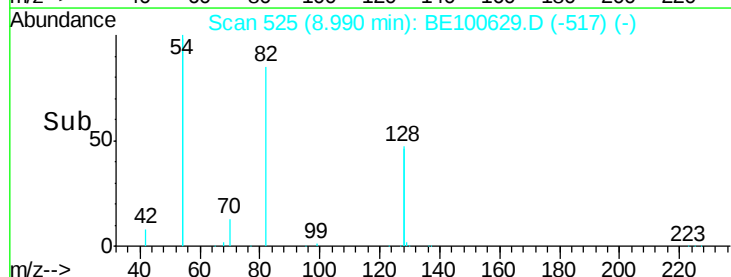
54 234.3 210.9 316.3

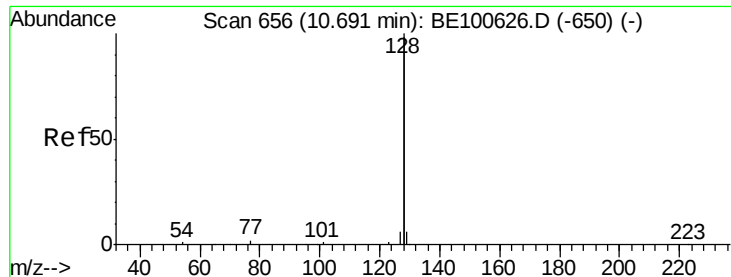


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.354 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

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ClientSampleId :

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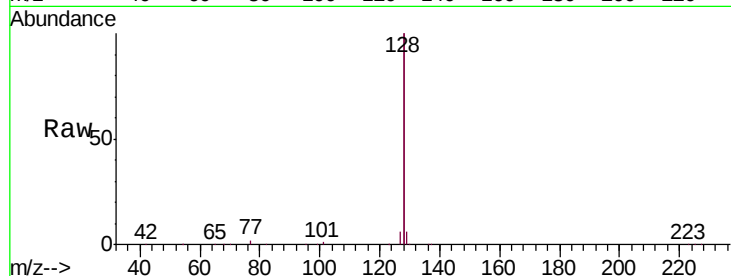
Tgt Ion:128 Resp: 896830

Ion Ratio Lower Upper

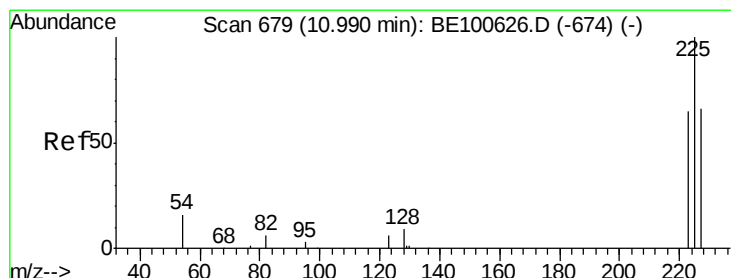
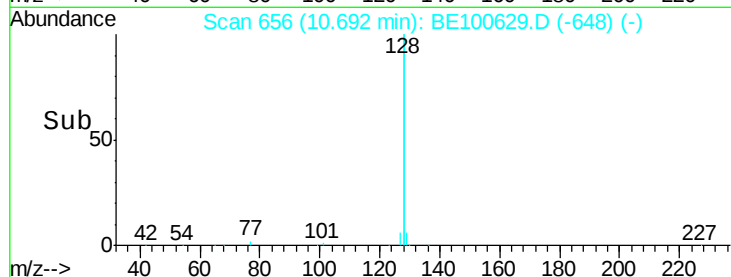
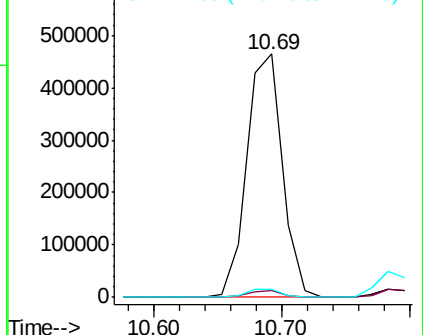
128 100

129 2.8 2.4 3.6

127 3.2 2.6 3.8



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



#10

Hexachlorobutadiene

Concen: 4.482 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

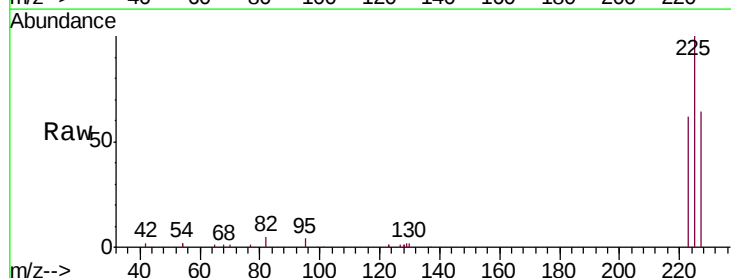
Tgt Ion:225 Resp: 38659

Ion Ratio Lower Upper

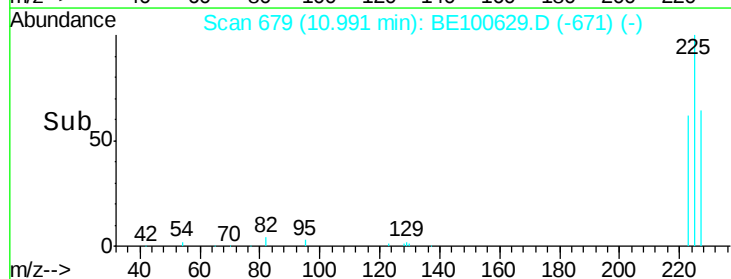
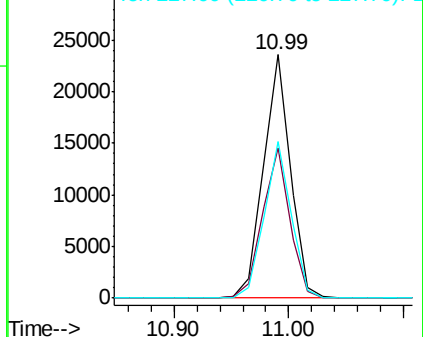
225 100

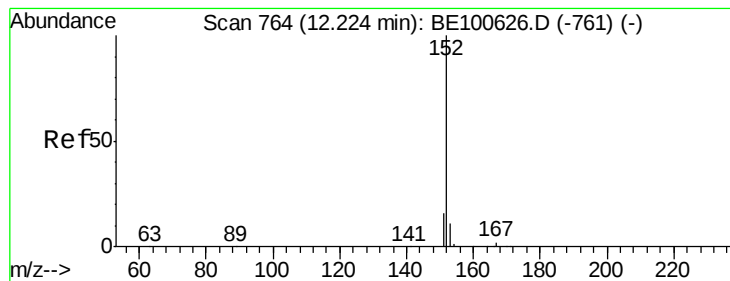
223 62.2 51.2 76.8

227 63.8 51.8 77.8



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.568 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

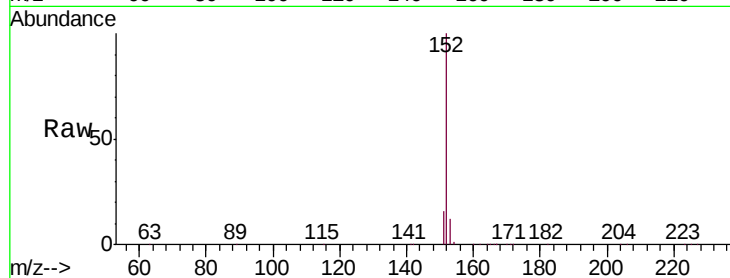
SSTDICC3.2

Tgt Ion:152 Resp: 138426

Ion Ratio Lower Upper

152 100

151 18.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

80000

60000

40000

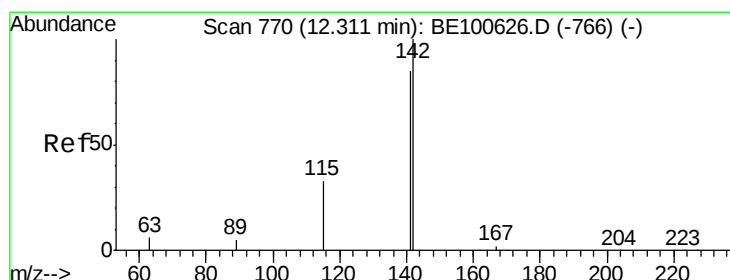
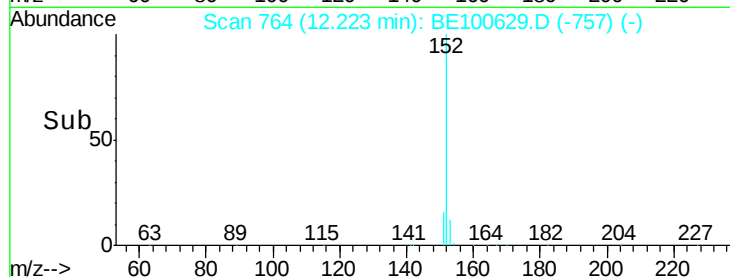
20000

0

12.22

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 3.580 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

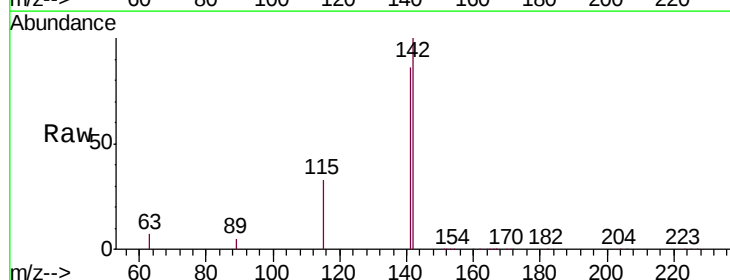
Tgt Ion:142 Resp: 157238

Ion Ratio Lower Upper

142 100

141 86.3 68.3 102.5

115 33.2 27.5 41.3



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

100000

80000

60000

40000

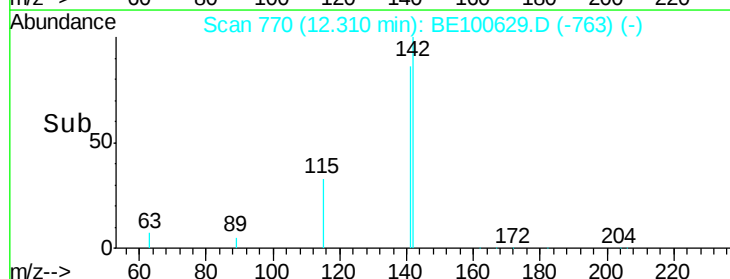
20000

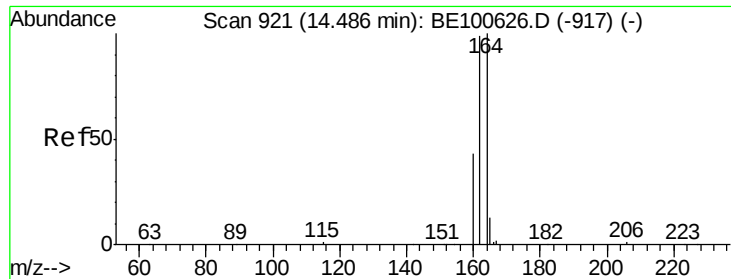
0

12.31

12.40

Time-->

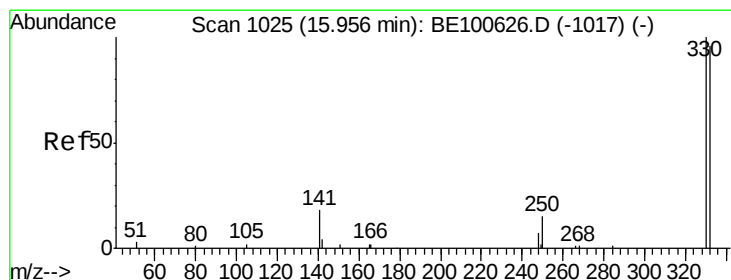
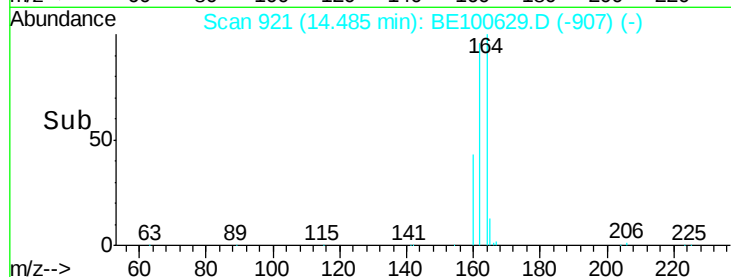
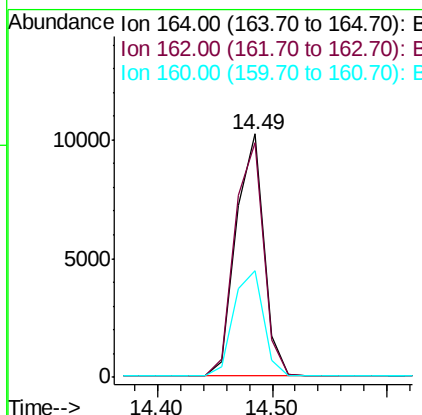
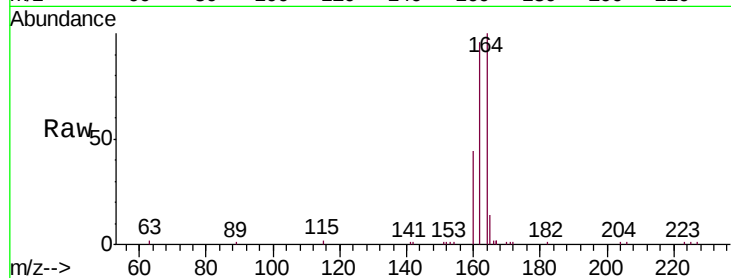




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.49 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: BE100629.D  
Acq: 10 Oct 2019 12:51

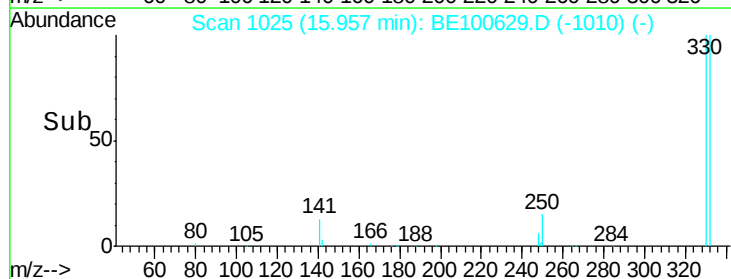
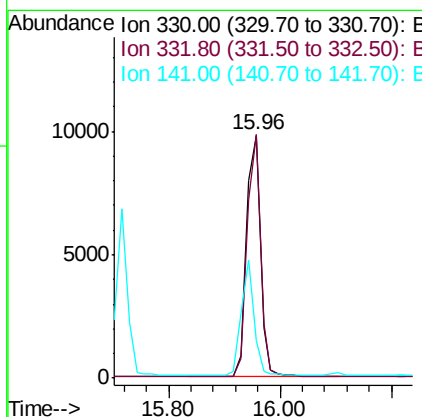
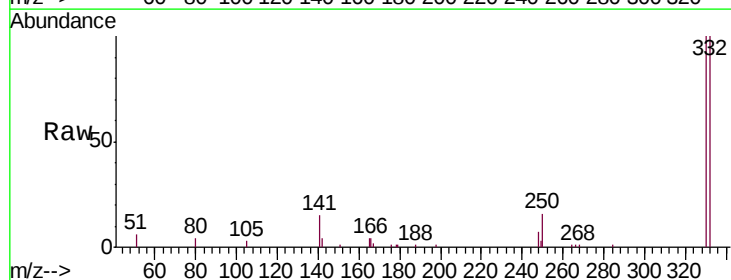
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

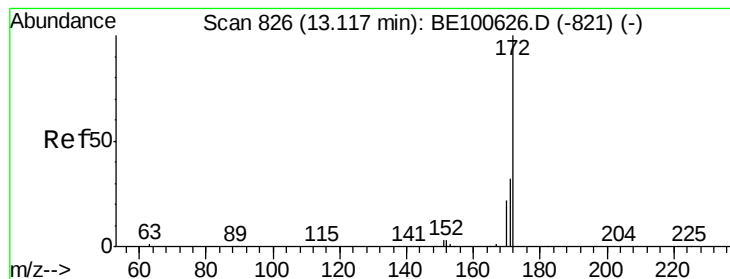
Tgt Ion:164 Resp: 16990  
Ion Ratio Lower Upper  
164 100  
162 96.3 79.1 118.7  
160 43.6 34.7 52.1



#14  
2,4,6-Tribromophenol  
Concen: 4.428 ng  
RT: 15.96 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BE100629.D  
Acq: 10 Oct 2019 12:51

Tgt Ion:330 Resp: 17188  
Ion Ratio Lower Upper  
330 100  
332 96.6 75.2 112.8  
141 43.3 37.5 56.3





#15

2-Fluorobiphenyl

Concen: 3.299 ng

RT: 13.12 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

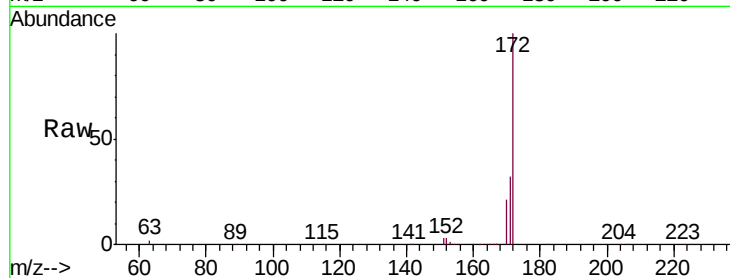
Tgt Ion:172 Resp: 203283

Ion Ratio Lower Upper

172 100

171 32.3 26.2 39.4

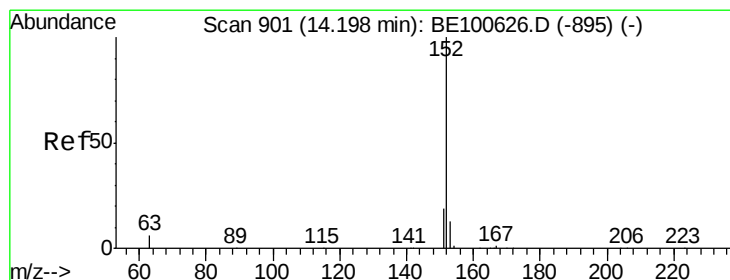
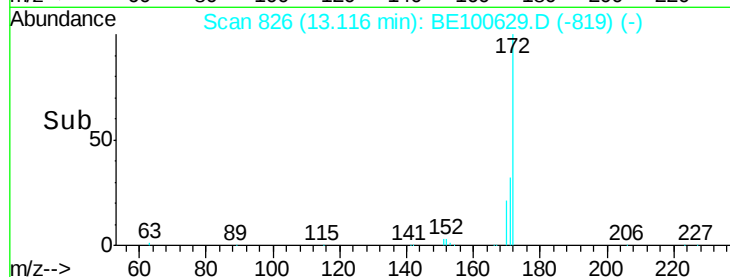
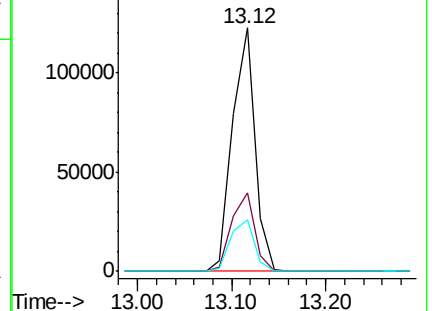
170 21.5 17.5 26.3



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: 3.463 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

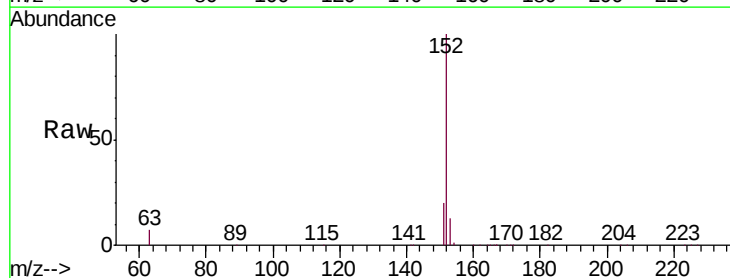
Tgt Ion:152 Resp: 249941

Ion Ratio Lower Upper

152 100

151 19.7 15.6 23.4

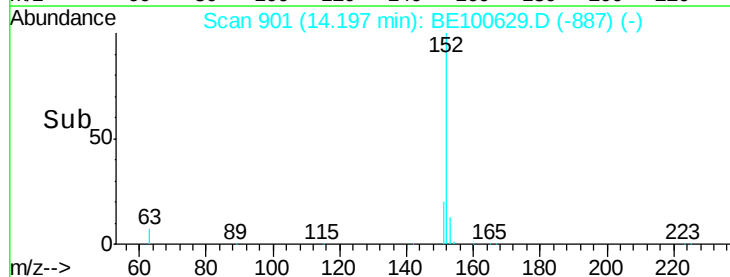
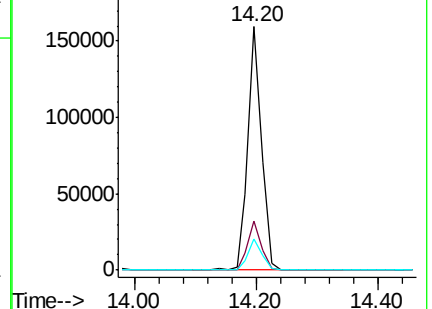
153 12.9 10.5 15.7

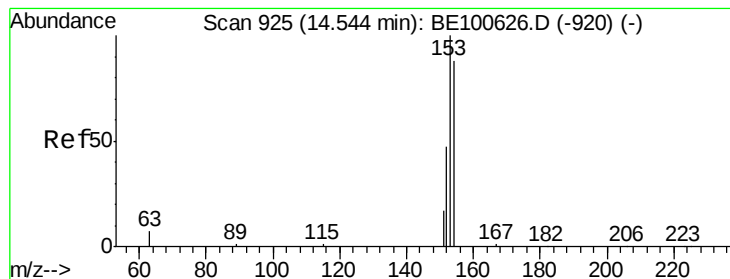


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.270 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

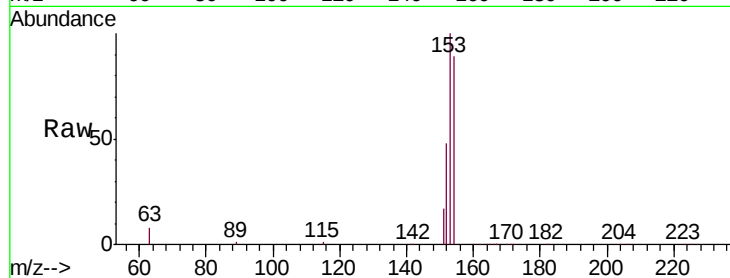
Tgt Ion:154 Resp: 157987

Ion Ratio Lower Upper

154 100

153 111.0 91.4 137.2

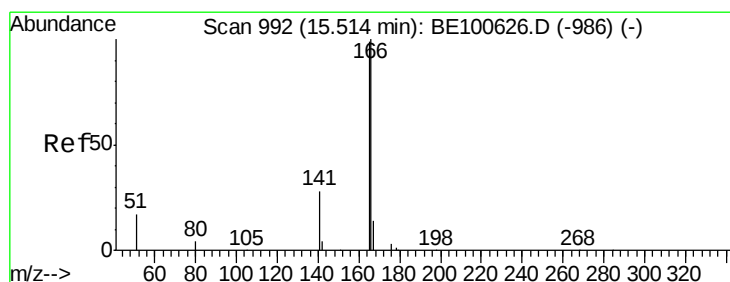
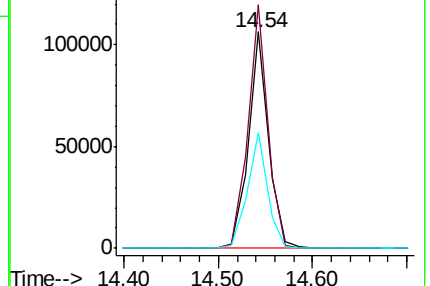
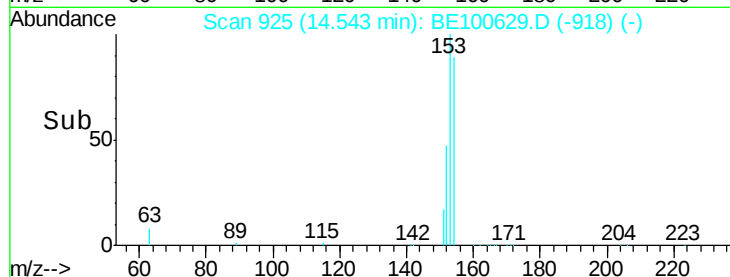
152 53.7 44.0 66.0



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: 3.441 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

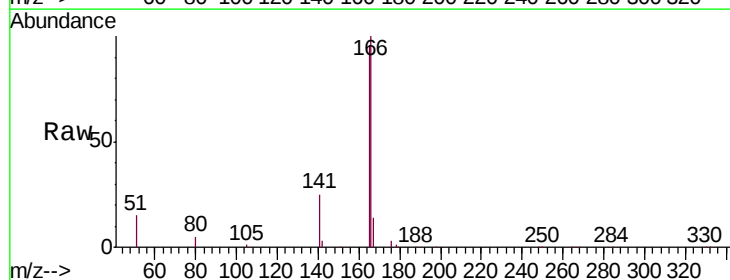
Tgt Ion:166 Resp: 212502

Ion Ratio Lower Upper

166 100

165 98.4 78.9 118.3

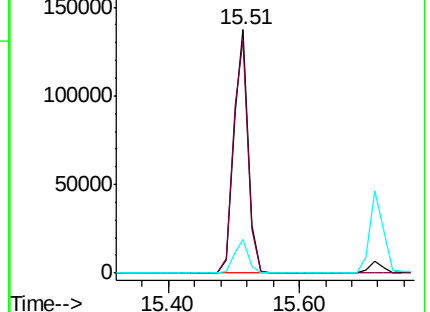
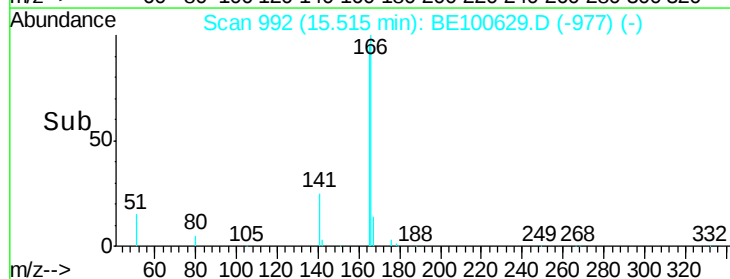
167 13.4 10.9 16.3

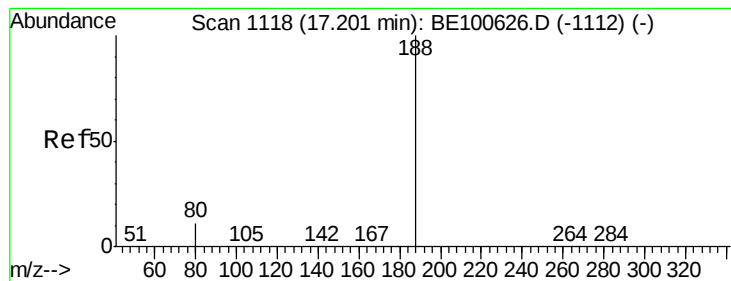


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:188 Resp: 39453

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

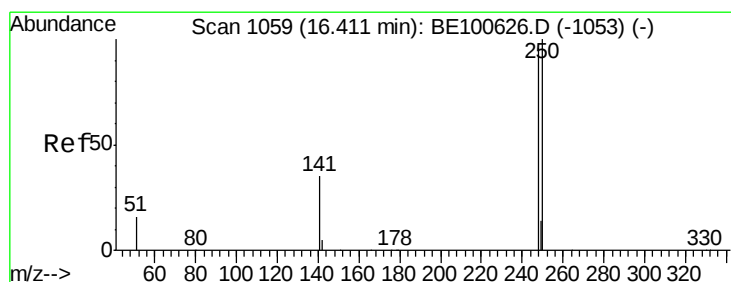
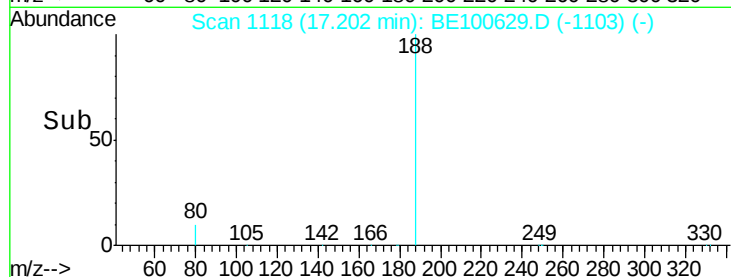
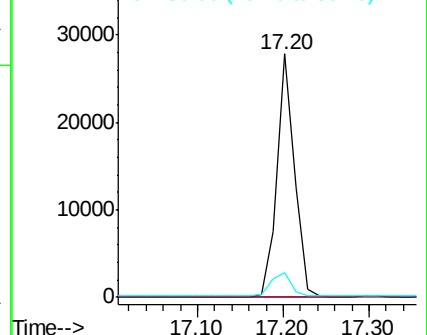
80 10.3 9.4 14.2



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



#20

4-Bromophenyl-phenylether

Concen: 3.427 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

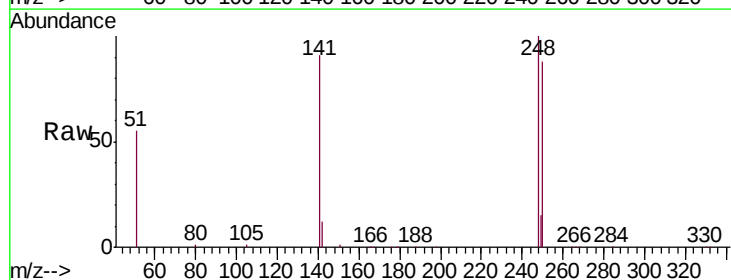
Tgt Ion:248 Resp: 66937

Ion Ratio Lower Upper

248 100

250 88.1 83.4 125.2

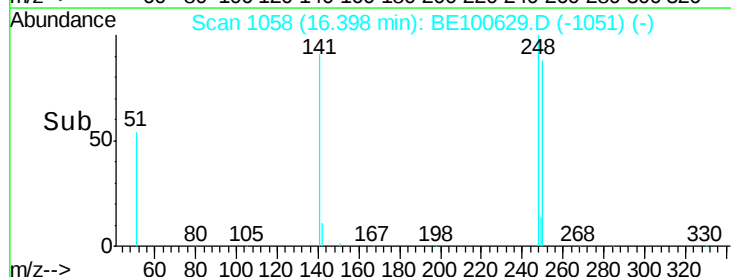
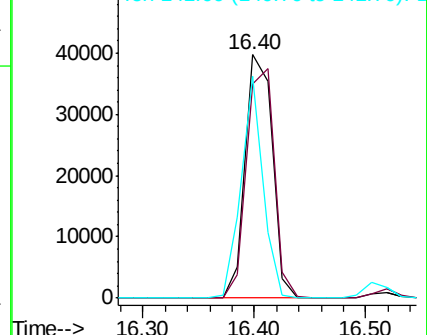
141 91.2 30.8 46.2#

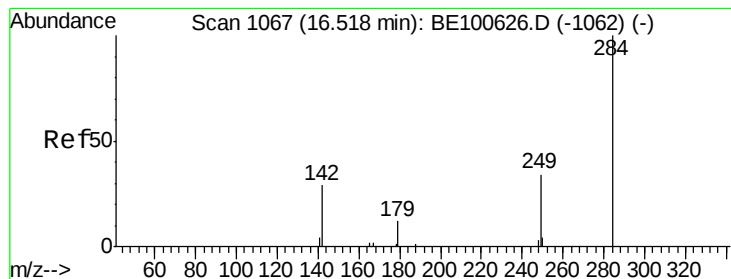


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.836 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

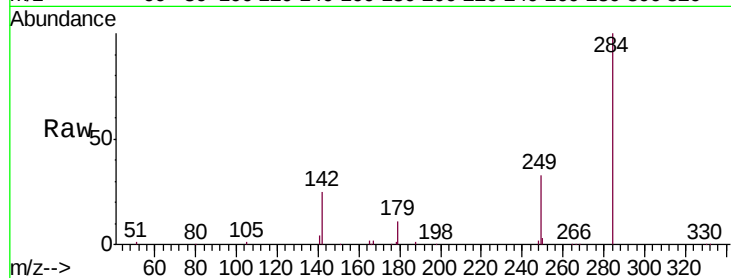
Tgt Ion:284 Resp: 63054

Ion Ratio Lower Upper

284 100

142 36.0 29.8 44.8

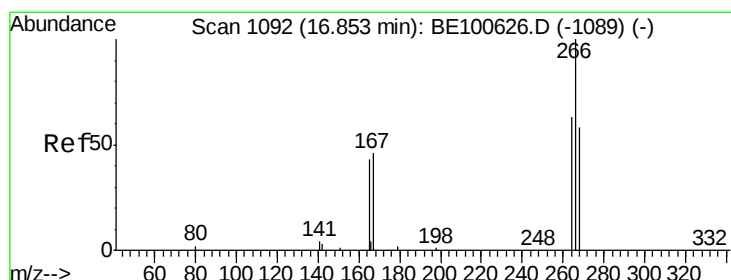
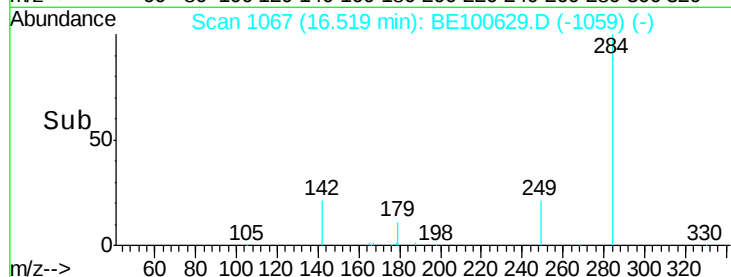
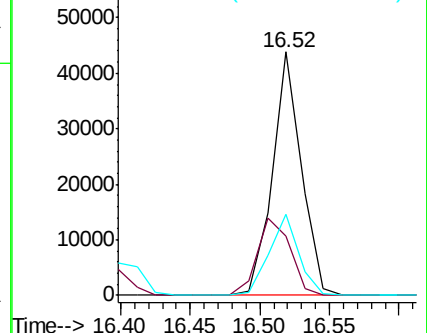
249 33.6 27.3 40.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 5.131 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

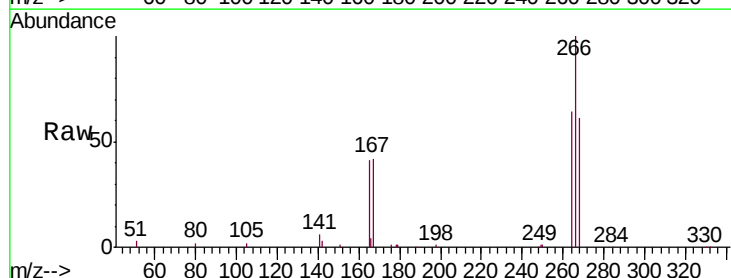
Tgt Ion:266 Resp: 23315

Ion Ratio Lower Upper

266 100

264 64.3 50.7 76.1

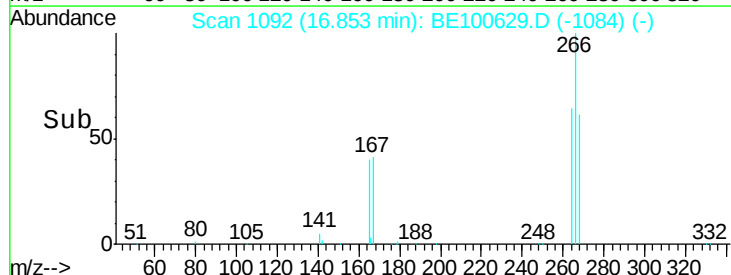
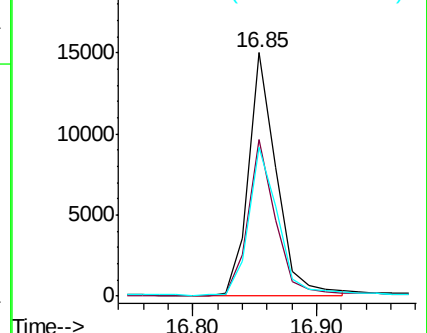
268 61.4 48.5 72.7

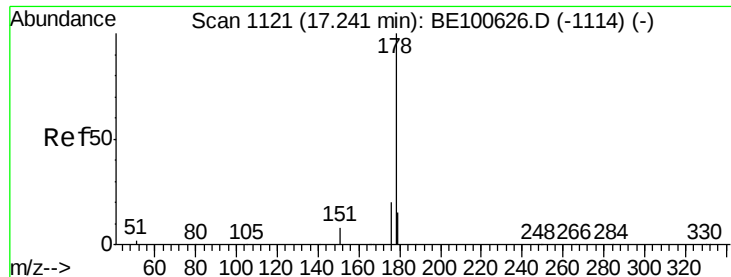


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

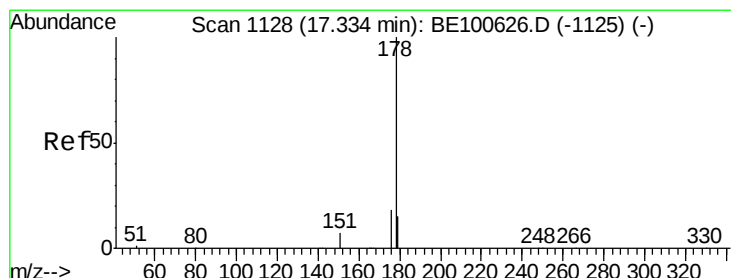
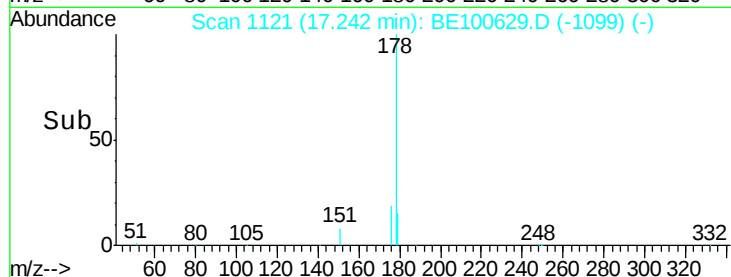
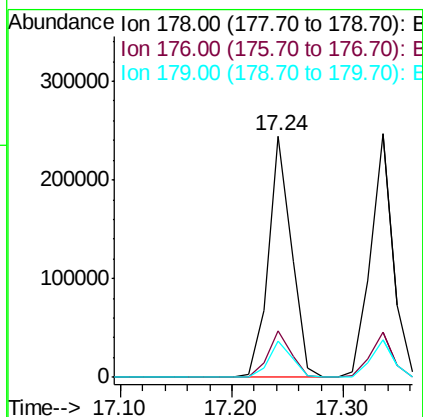
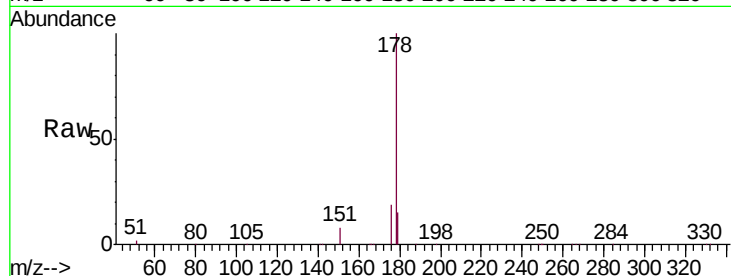




#23  
Phenanthrene  
Concen: 3.157 ng  
RT: 17.24 min Scan# 1121  
Delta R.T. 0.00 min  
Lab File: BE100629.D  
Acq: 10 Oct 2019 12:51

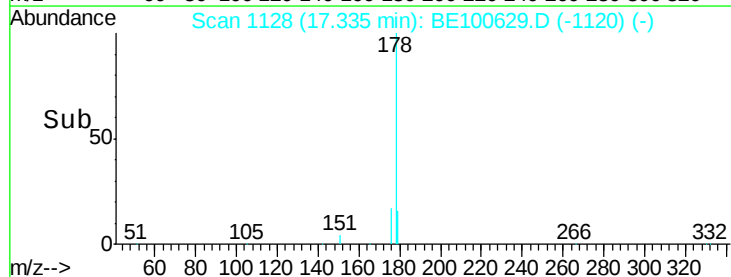
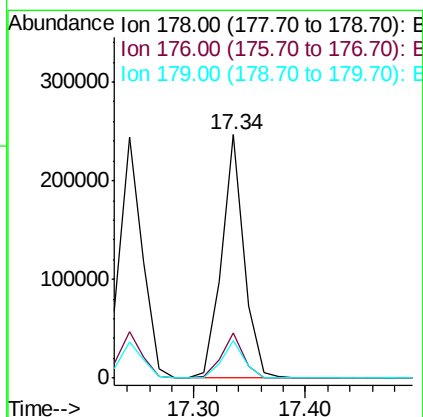
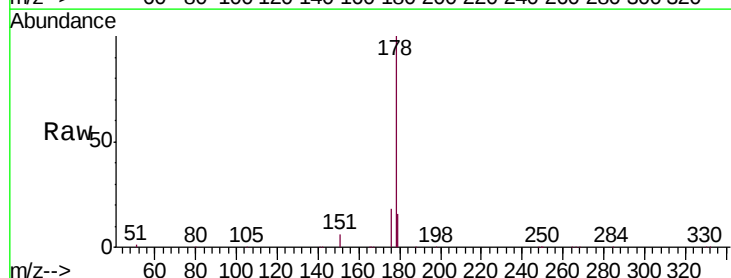
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

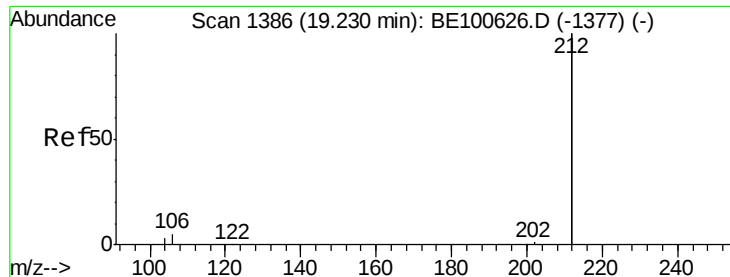
Tgt Ion:178 Resp: 354370  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.6 23.4  
179 15.1 12.4 18.6



#24  
Anthracene  
Concen: 3.558 ng  
RT: 17.34 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: BE100629.D  
Acq: 10 Oct 2019 12:51

Tgt Ion:178 Resp: 343662  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.5 21.7  
179 15.5 12.4 18.6





#25

Fluoranthene-d10

Concen: 3.469 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

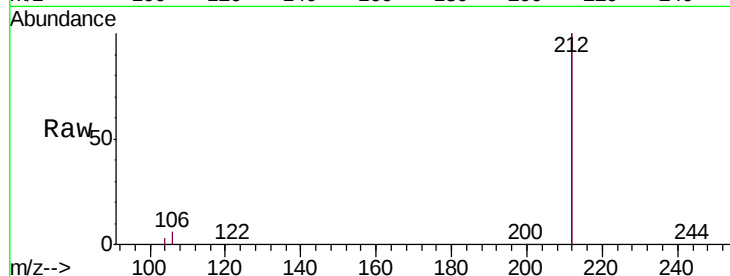
Tgt Ion:212 Resp: 1688459

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.4

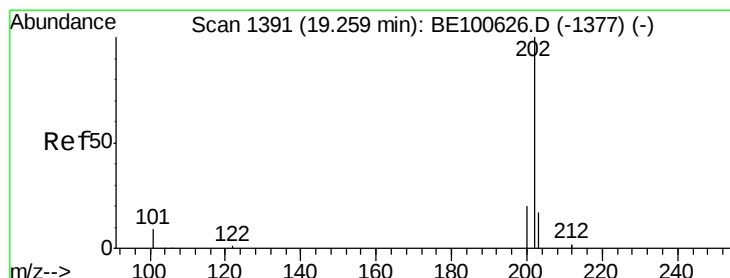
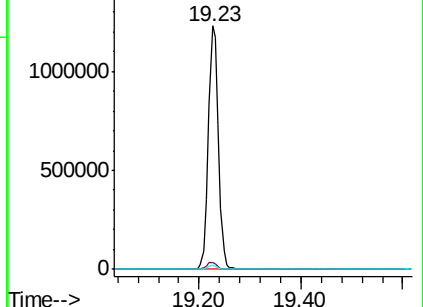
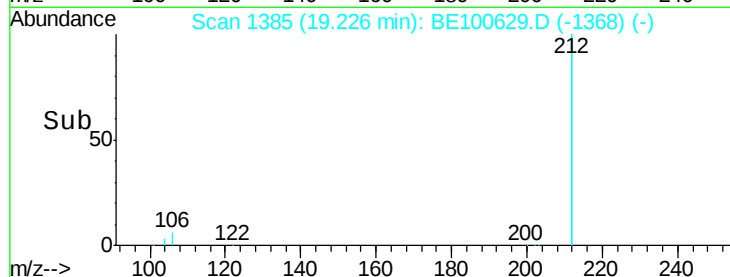
104 1.6 1.3 1.9



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: 3.403 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

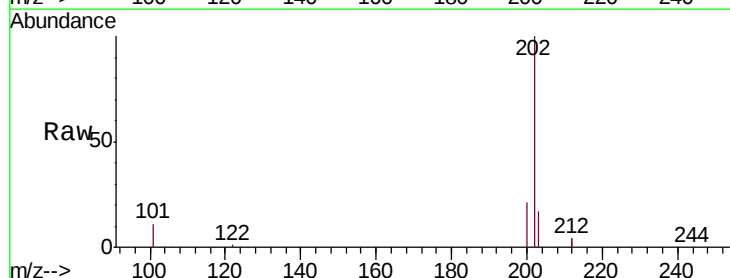
Tgt Ion:202 Resp: 470453

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

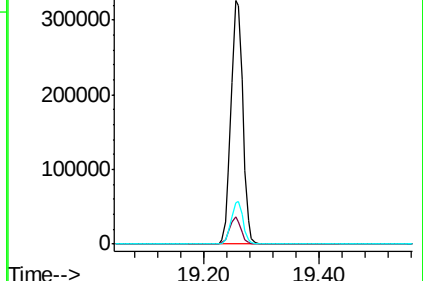
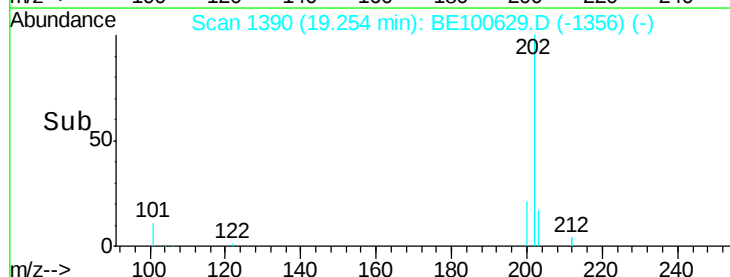
203 17.4 13.8 20.6



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

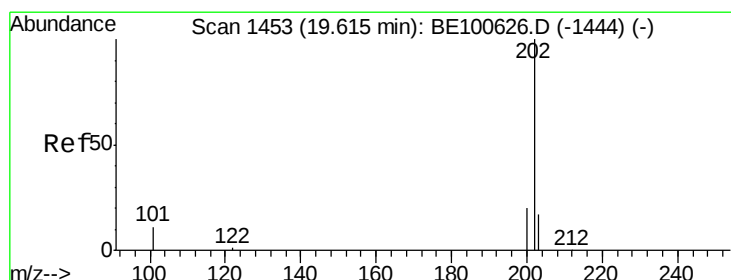
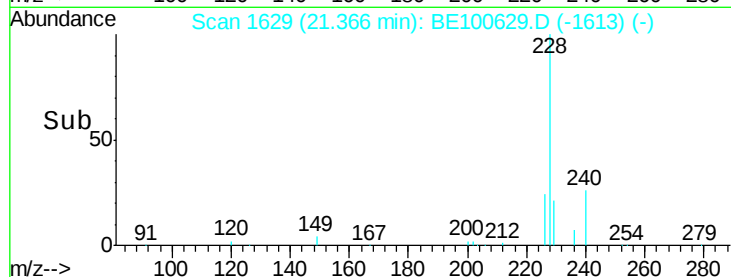
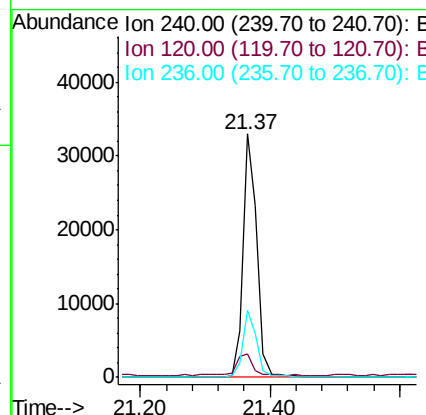
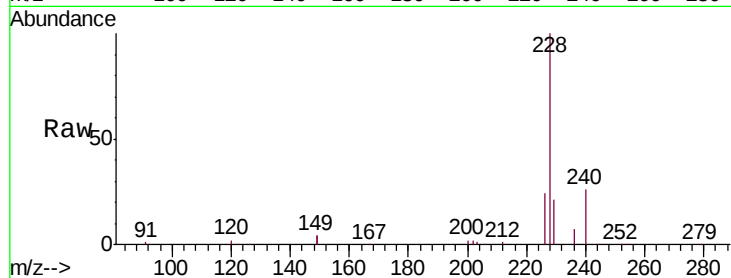




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.37 min Scan# 1629  
 Delta R.T. -0.00 min  
 Lab File: BE100629.D  
 Acq: 10 Oct 2019 12:51

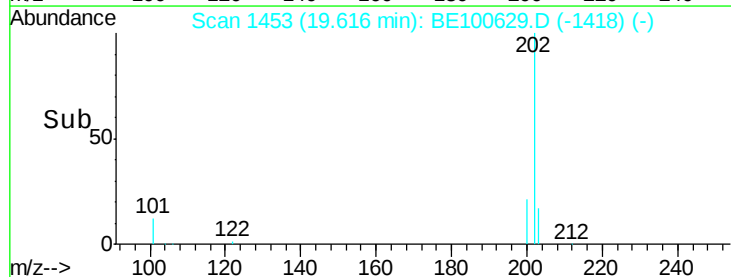
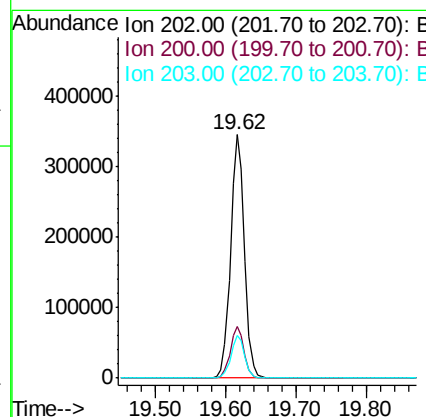
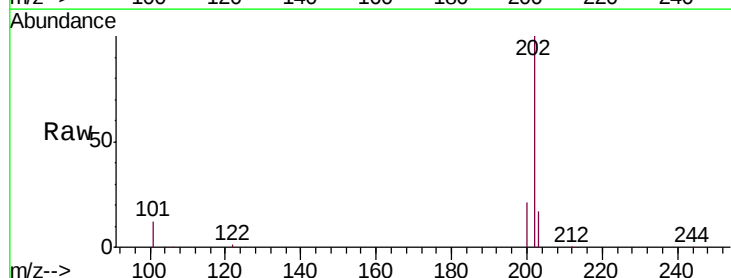
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

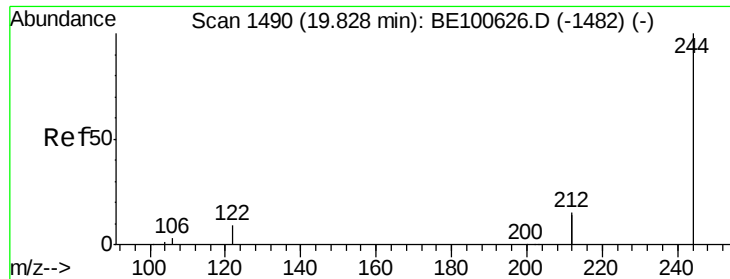
Tgt Ion:240 Resp: 48559  
 Ion Ratio Lower Upper  
 240 100  
 120 9.7 7.4 11.0  
 236 27.7 21.7 32.5



#28  
 Pyrene  
 Concen: 3.804 ng  
 RT: 19.62 min Scan# 1453  
 Delta R.T. 0.00 min  
 Lab File: BE100629.D  
 Acq: 10 Oct 2019 12:51

Tgt Ion:202 Resp: 473575  
 Ion Ratio Lower Upper  
 202 100  
 200 21.1 16.6 24.8  
 203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 3.489 ng

RT: 19.83 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

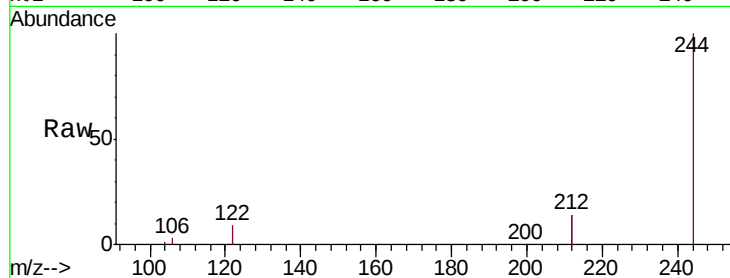
Tgt Ion:244 Resp: 374379

Ion Ratio Lower Upper

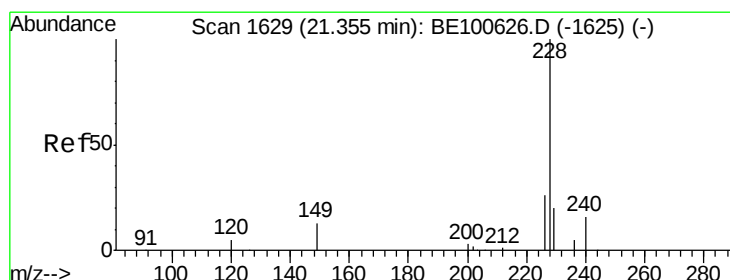
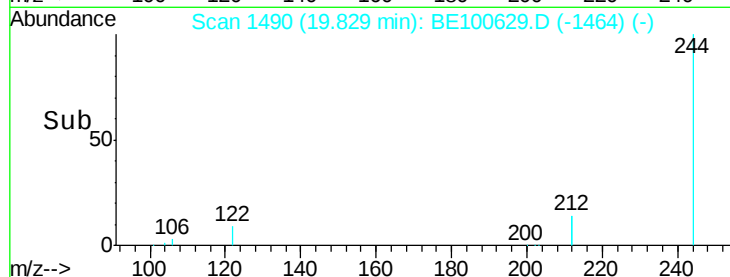
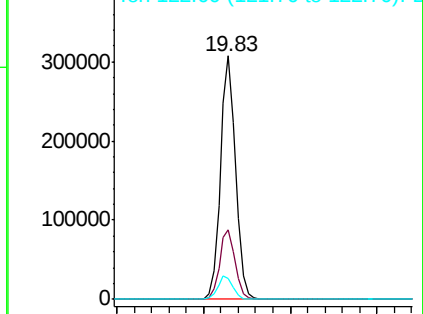
244 100

212 28.8 23.9 35.9

122 8.7 7.7 11.5



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: 3.870 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

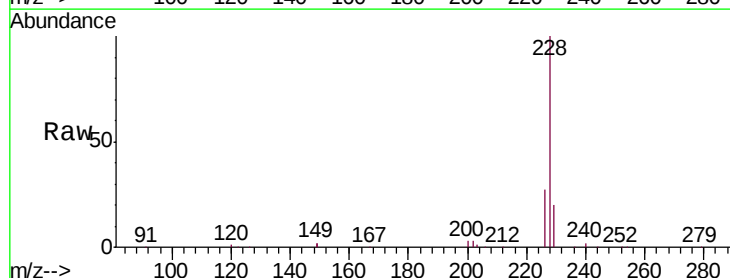
Tgt Ion:228 Resp: 525388

Ion Ratio Lower Upper

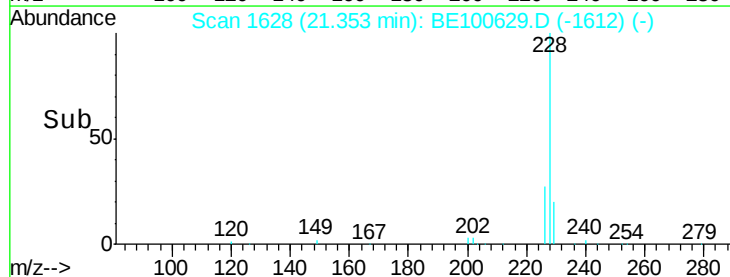
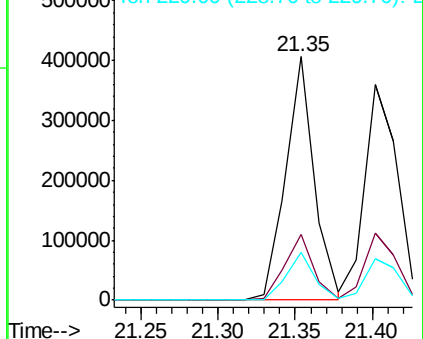
228 100

226 26.9 21.0 31.6

229 19.8 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





#31

Chrysene

Concen: 3.649 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

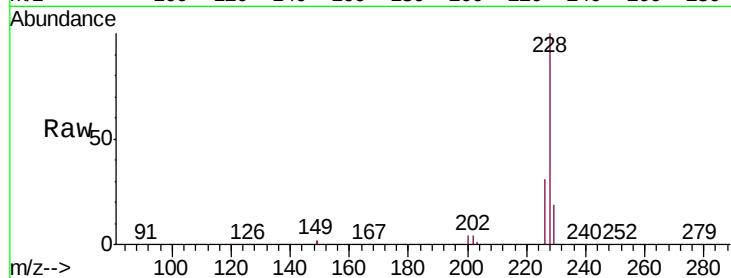
Tgt Ion:228 Resp: 530019

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

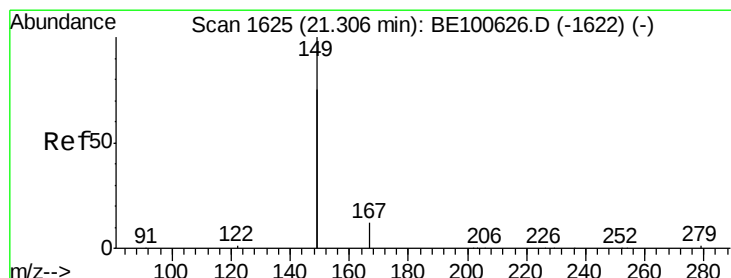
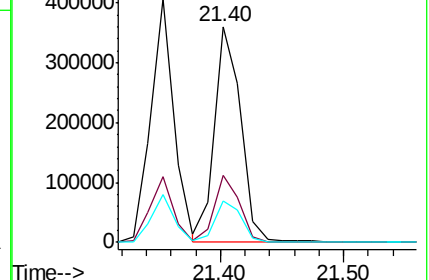
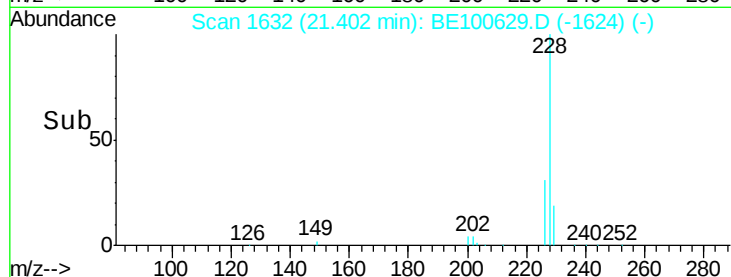
229 19.1 15.6 23.4



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: 3.870 ng

RT: 21.31 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

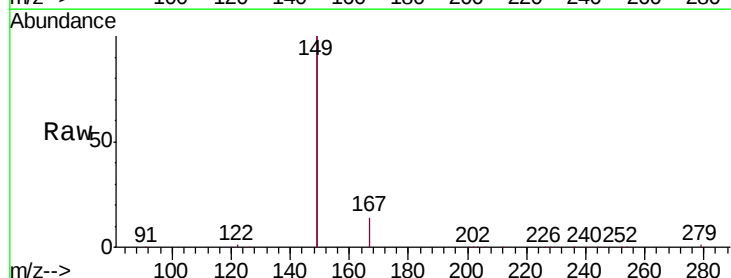
Tgt Ion:149 Resp: 1003354

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.2

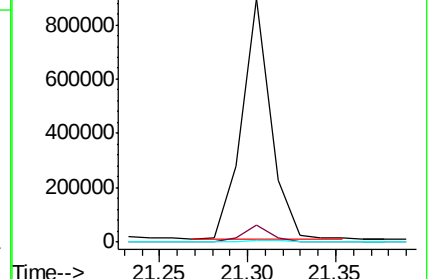
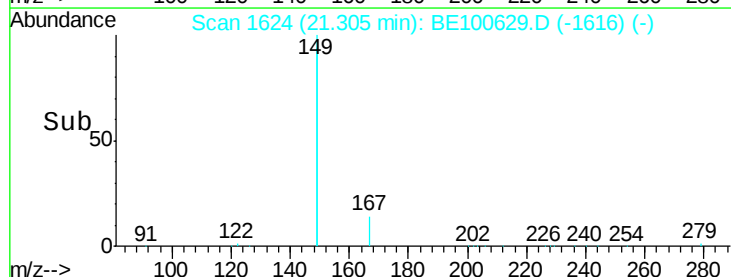
279 1.0 1.5 2.3#

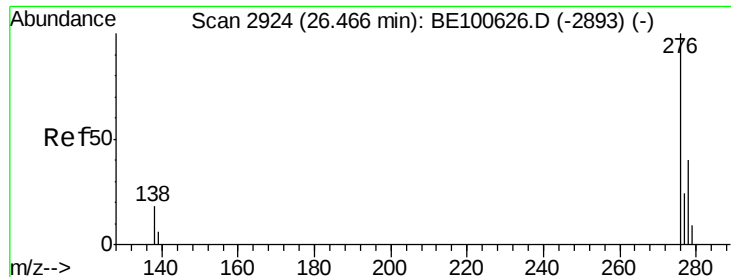


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.646 ng

RT: 26.46 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

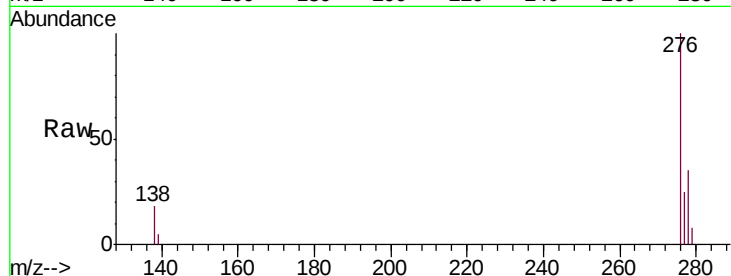
Tgt Ion:276 Resp: 623473

Ion Ratio Lower Upper

276 100

138 20.1 16.0 24.0

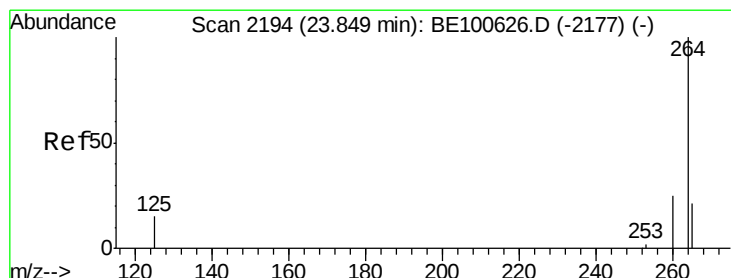
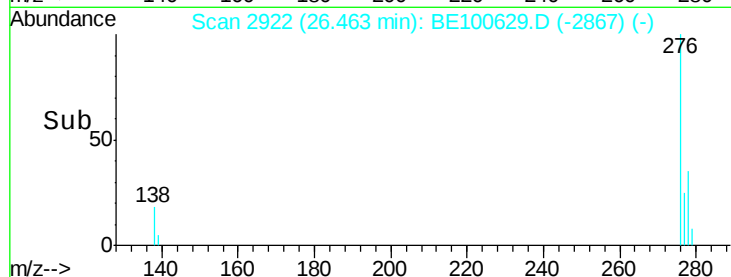
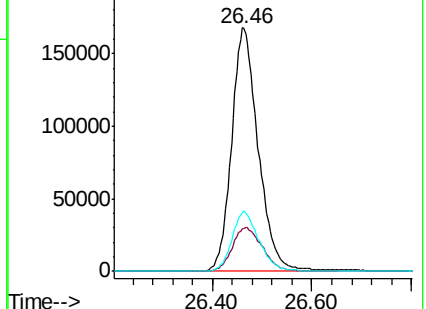
277 24.9 19.7 29.5



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: 23.85 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

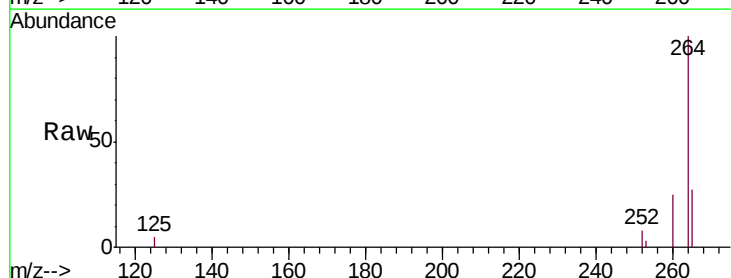
Tgt Ion:264 Resp: 53089

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

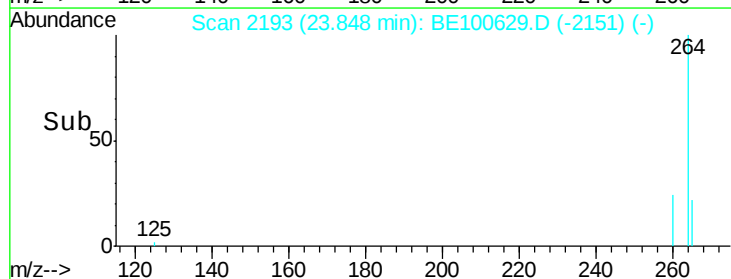
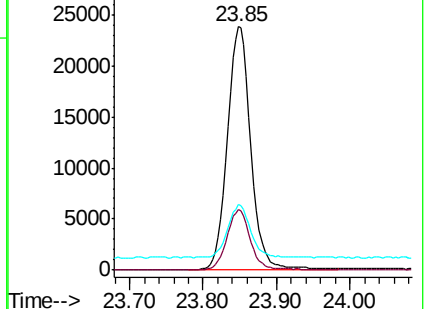
265 27.0 20.0 30.0

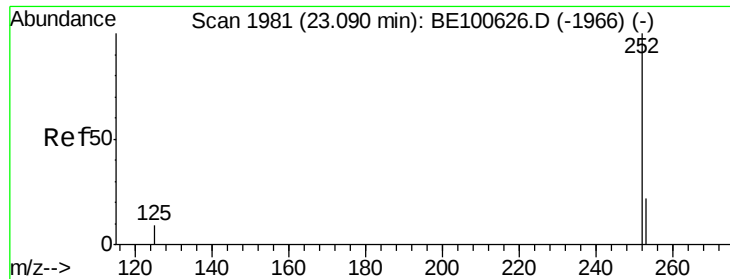


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.667 ng

RT: 23.09 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

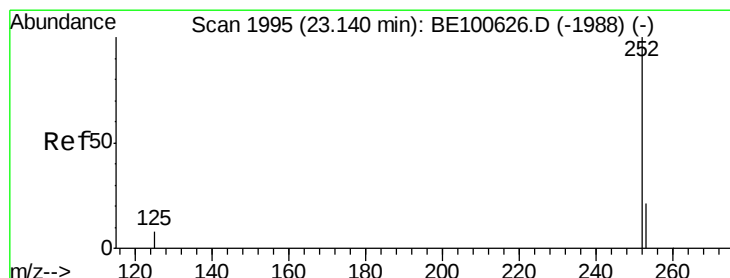
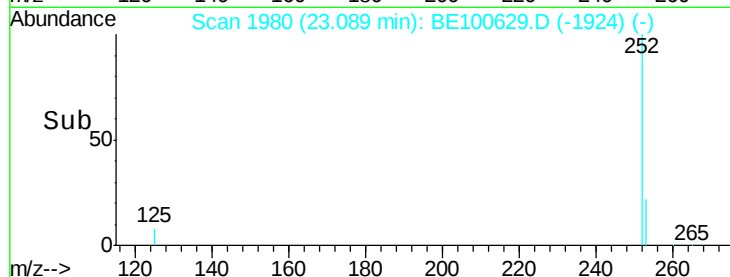
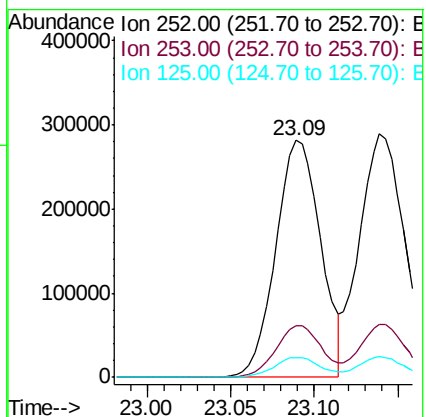
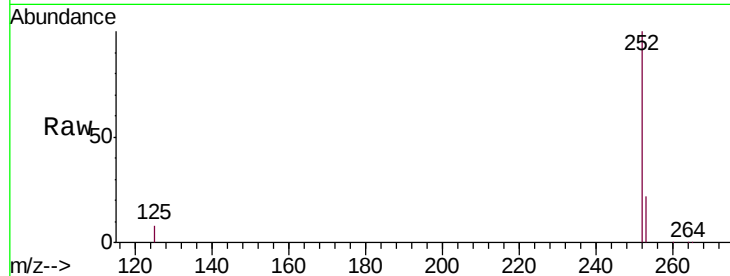
Tgt Ion:252 Resp: 527479

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 8.4 7.6 11.4



#36

Benzo(k)fluoranthene

Concen: 3.433 ng

RT: 23.14 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

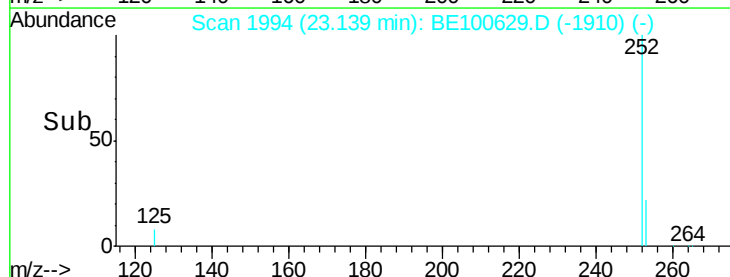
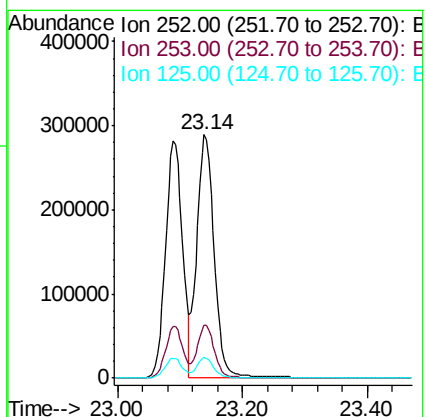
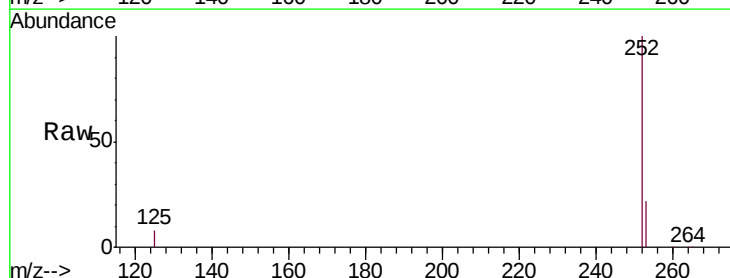
Tgt Ion:252 Resp: 561309

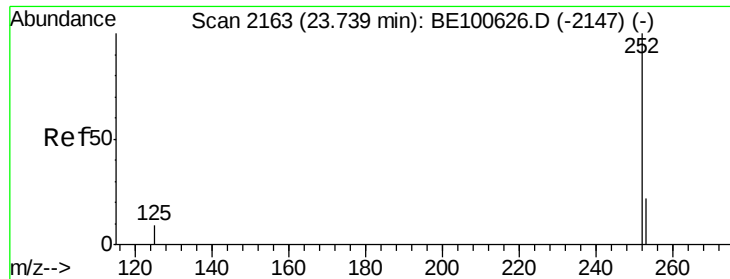
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.5 7.6 11.4





#37

Benzo(a)pyrene

Concen: 3.780 ng

RT: 23.74 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

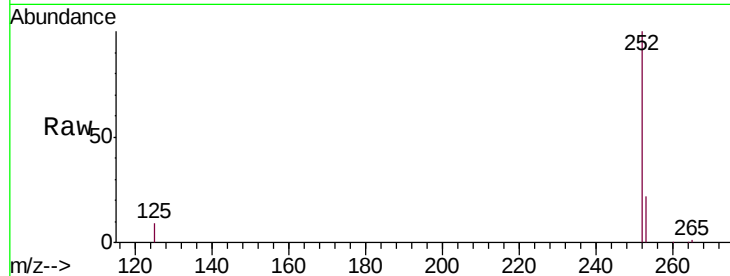
Tgt Ion: 252 Resp: 499134

Ion Ratio Lower Upper

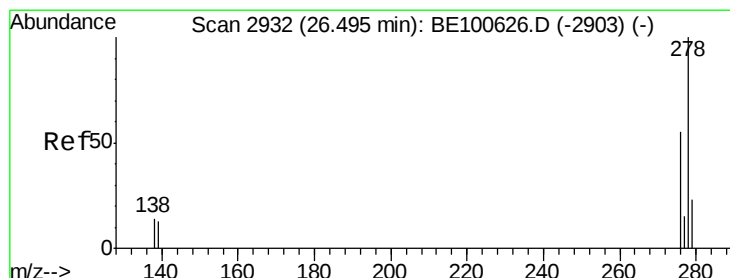
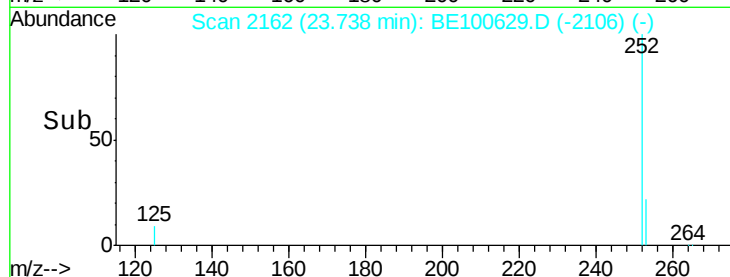
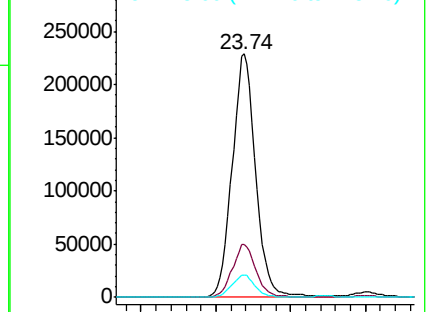
252 100

253 21.9 18.2 27.2

125 9.2 8.1 12.1



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: 3.737 ng

RT: 26.50 min Scan# 2931

Delta R.T. 0.00 min

Lab File: BE100629.D

Acq: 10 Oct 2019 12:51

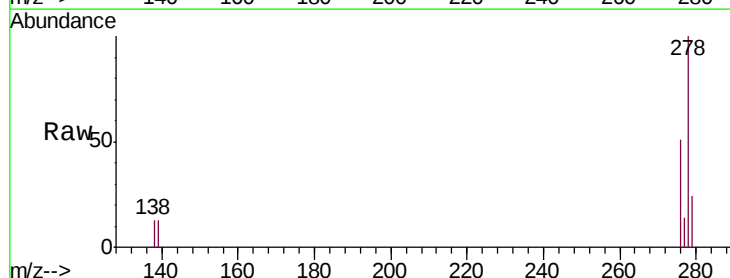
Tgt Ion: 278 Resp: 519073

Ion Ratio Lower Upper

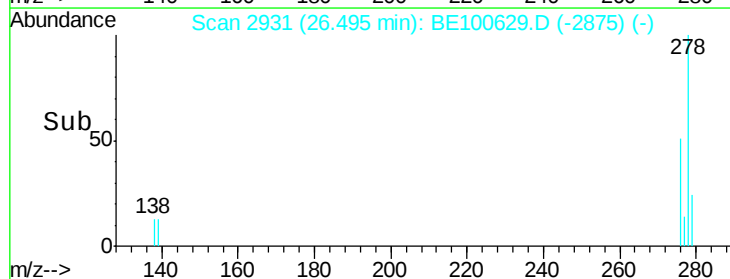
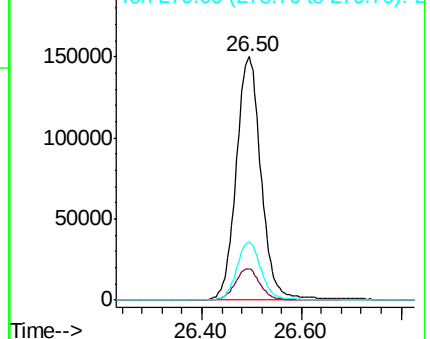
278 100

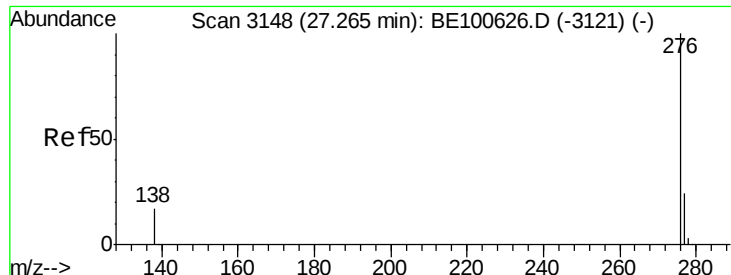
139 12.9 11.2 16.8

279 23.8 19.0 28.6



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: 3.587 ng

RT: 27.27 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BE100629.D

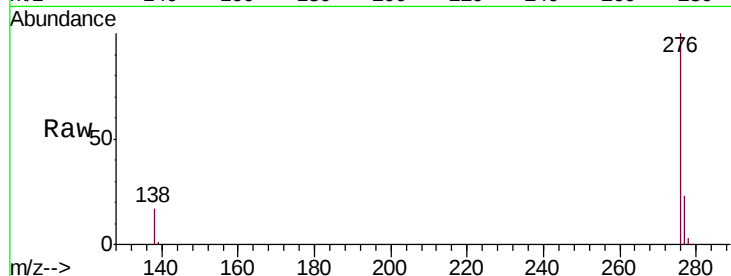
Acq: 10 Oct 2019 12:51

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2



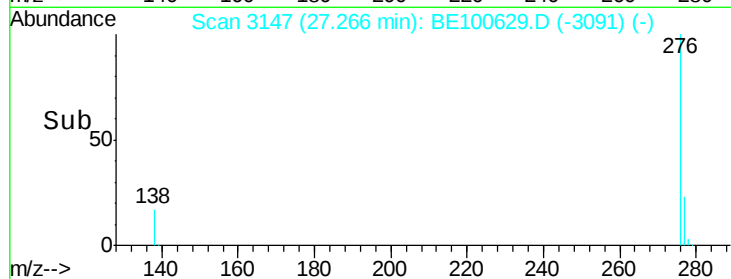
Tgt Ion: 276 Resp: 504653

Ion Ratio Lower Upper

276 100

277 23.4 19.3 28.9

138 17.3 14.5 21.7



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

