

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE070519\  
 Data File : BE100377.D  
 Acq On : 5 Jul 2019 12:33  
 Operator : JU/SJ  
 Sample : K3561-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-015-B228-062519

Quant Time: Jul 06 00:11:03 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 | 7.62  | 152  | 566      | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.42 | 136  | 1872     | 0.40 | ng    | -0.03    |
| 13) Acenaphthene-d10      | 14.30 | 164  | 1556     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.04 | 188  | 5120     | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.23 | 240  | 7536     | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.65 | 264  | 8804     | 0.40 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.20  | 112  | 634      | 0.44 | ng    | -0.01    |
| 5) Phenol-d6                | 6.81  | 99   | 815      | 0.43 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.79  | 82   | 627      | 0.34 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10 | 12.02 | 152  | 1296     | 0.37 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol    | 15.80 | 330  | 526      | 0.48 | ng    | -0.03    |
| 15) 2-Fluorobiphenyl        | 12.93 | 172  | 2184     | 0.36 | ng    | -0.01    |
| 25) Fluoranthene-d10        | 19.08 | 212  | 24963    | 0.34 | ng    | -0.02    |
| 29) Terphenyl-d14           | 19.68 | 244  | 5150     | 0.33 | ng    | -0.02    |

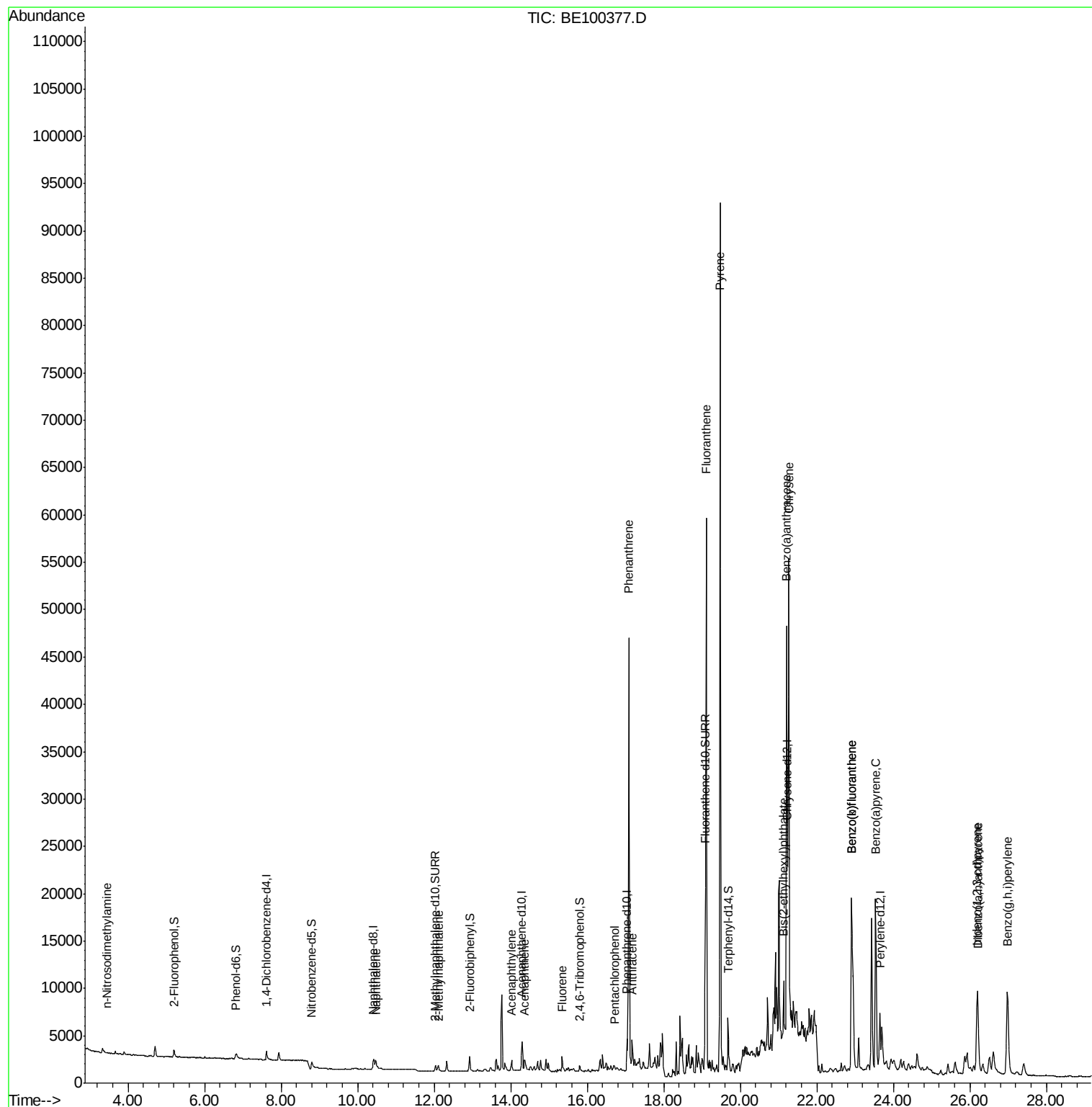
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 3) n-Nitrosodimethylamine      | 3.44  | 42   | 30       | 0.073 | ng    | # 1    |
| 9) Naphthalene                 | 10.47 | 128  | 2122     | 0.103 | ng    | # 89   |
| 12) 2-Methylnaphthalene        | 12.11 | 142  | 597      | 0.165 | ng    | 93     |
| 16) Acenaphthylene             | 14.02 | 152  | 1213     | 0.162 | ng    | # 96   |
| 17) Acenaphthene               | 14.37 | 154  | 622      | 0.147 | ng    | # 84   |
| 18) Fluorene                   | 15.34 | 166  | 1459     | 0.233 | ng    | # 91   |
| 22) Pentachlorophenol          | 16.72 | 266  | 24       | 0.024 | ng    | # 73   |
| 23) Phenanthrene               | 17.08 | 178  | 51107    | 4.118 | ng    | 99     |
| 24) Anthracene                 | 17.17 | 178  | 3708     | 0.332 | ng    | # 95   |
| 26) Fluoranthene               | 19.11 | 202  | 55287    | 2.797 | ng    | 98     |
| 28) Pyrene                     | 19.47 | 202  | 91479    | 4.585 | ng    | # 96   |
| 30) Benzo(a)anthracene         | 21.21 | 228  | 40435    | 1.632 | ng    | 98     |
| 31) Chrysene                   | 21.27 | 228  | 51509    | 2.070 | ng    | 98     |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 5184     | 0.090 | ng    | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.20 | 276  | 18123    | 0.551 | ng    | 98     |
| 35) Benzo(b)fluoranthene       | 22.91 | 252  | 36842    | 1.543 | ng    | # 98   |
| 36) Benzo(k)fluoranthene       | 22.91 | 252  | 36842    | 1.383 | ng    | 98     |
| 37) Benzo(a)pyrene             | 23.54 | 252  | 30112    | 1.259 | ng    | # 96   |
| 38) Dibenzo(a,h)anthracene     | 26.21 | 278  | 5143     | 0.206 | ng    | # 84   |
| 39) Benzo(g,h,i)perylene       | 26.98 | 276  | 23600    | 0.919 | 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: 7.62 min Scan# 413

Delta R.T. -0.02 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

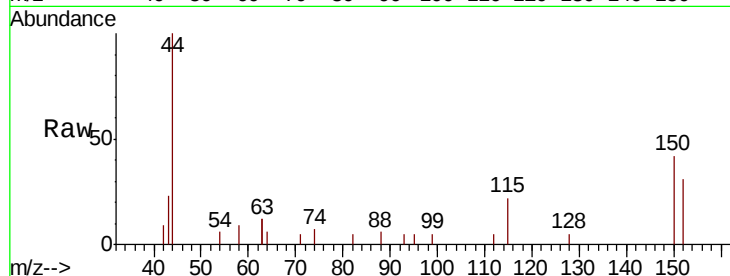
Tgt Ion:152 Resp: 566

Ion Ratio Lower Upper

152 100

150 133.1 114.5 171.7

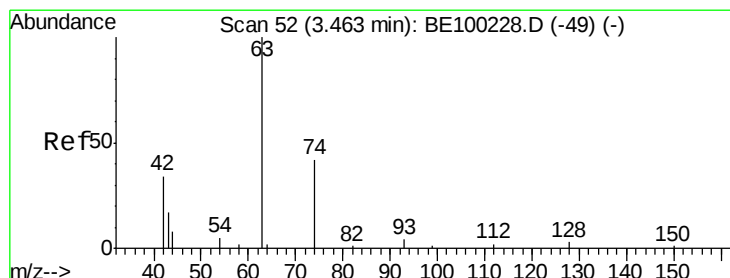
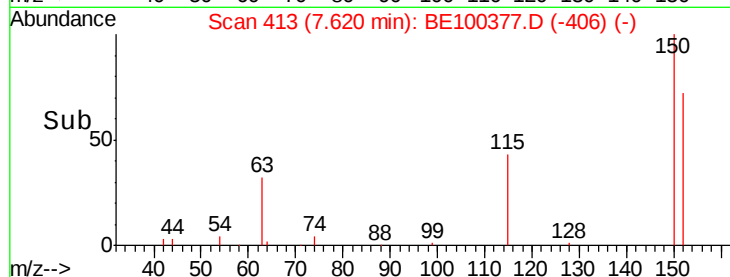
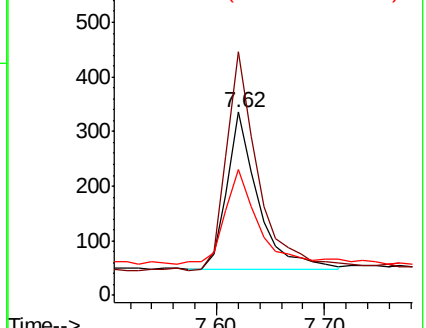
115 69.0 57.1 85.7



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: 0.073 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

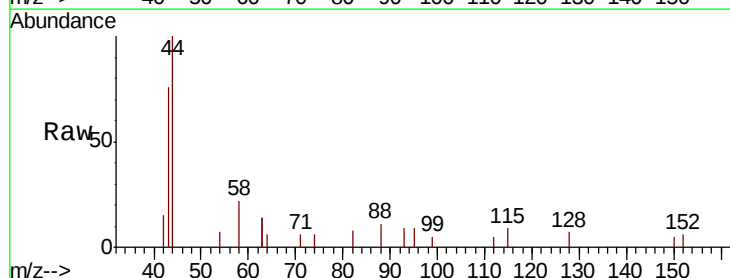
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

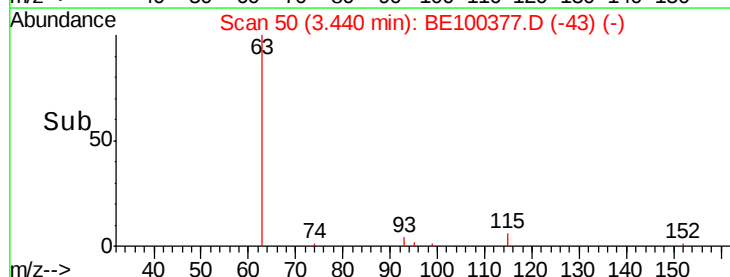
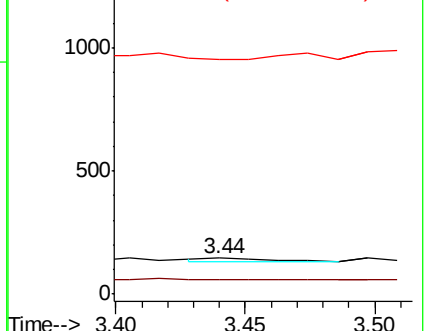
44 0.0 38.0 57.0#



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: 0.439 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

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PST-015-B228-062519

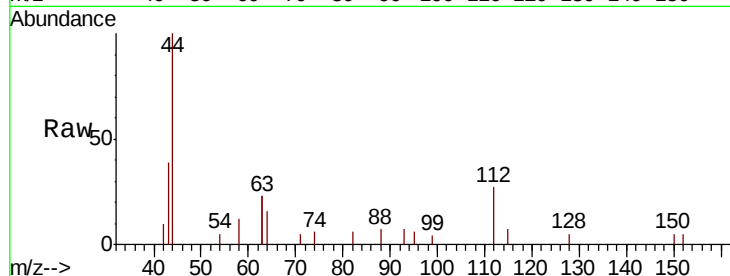
Tgt Ion: 112 Resp: 634

Ion Ratio Lower Upper

112 100

64 55.7 39.4 59.0

63 131.2 104.5 156.7

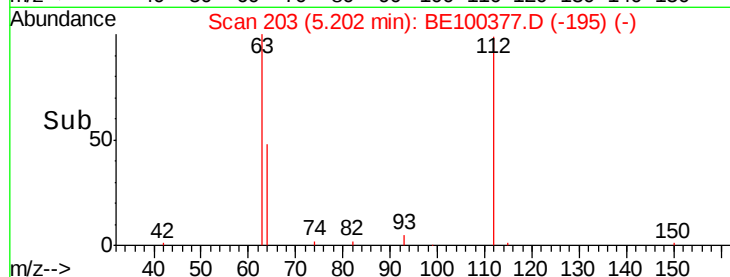


Abundance Ion 112.00 (111.70 to 112.70): BE1

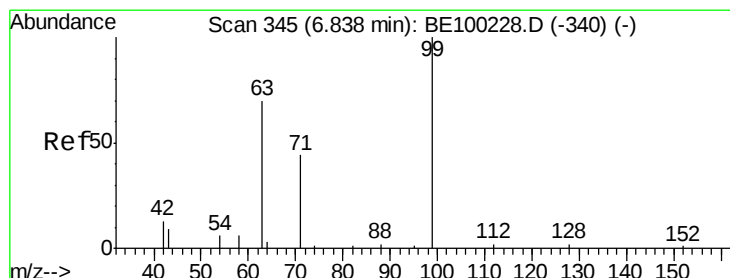
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



Time-->



#5

Phenol-d6

Concen: 0.429 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

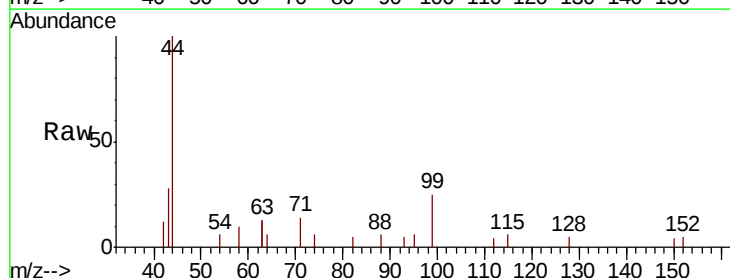
Tgt Ion: 99 Resp: 815

Ion Ratio Lower Upper

99 100

42 18.7 11.2 16.8#

71 40.4 37.2 55.8

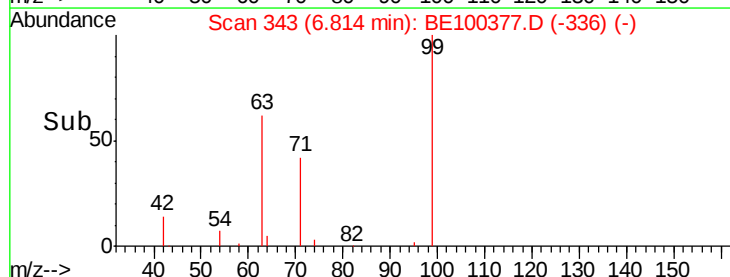


Abundance Ion 99.00 (98.70 to 99.70): BE1

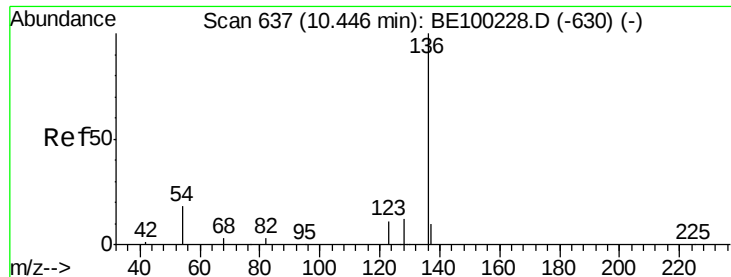
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

Tgt Ion: 136 Resp: 1872

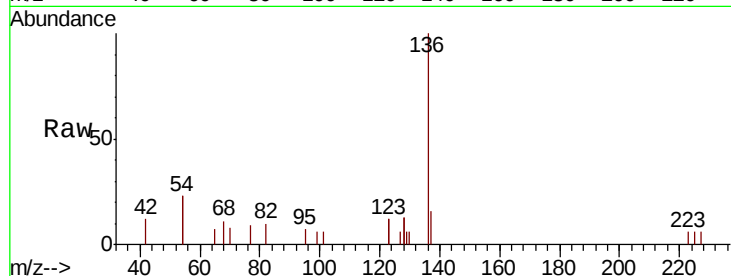
Ion Ratio Lower Upper

136 100

137 15.9 11.8 17.8

54 45.5 27.7 41.5#

68 10.6 6.8 10.2#

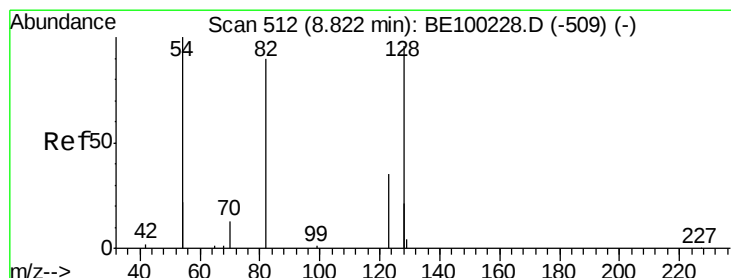
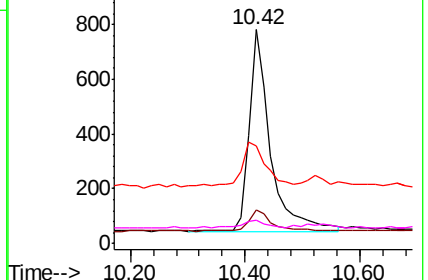
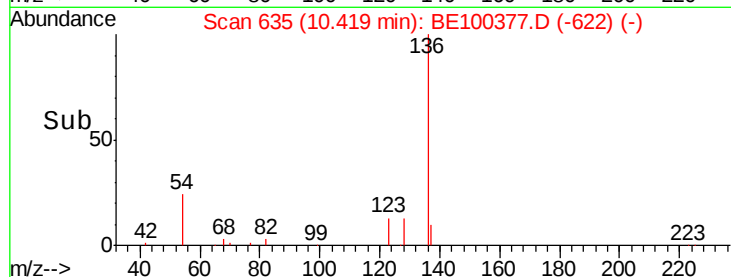


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.337 ng

RT: 8.79 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

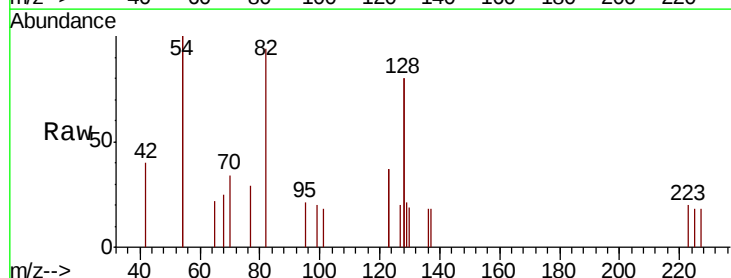
Tgt Ion: 82 Resp: 627

Ion Ratio Lower Upper

82 100

128 170.0 140.9 211.3

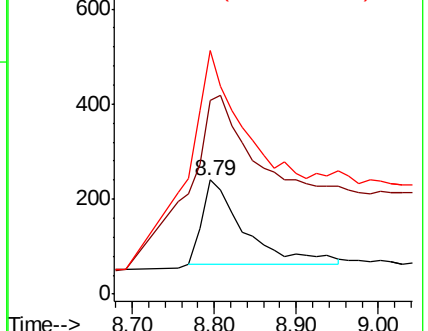
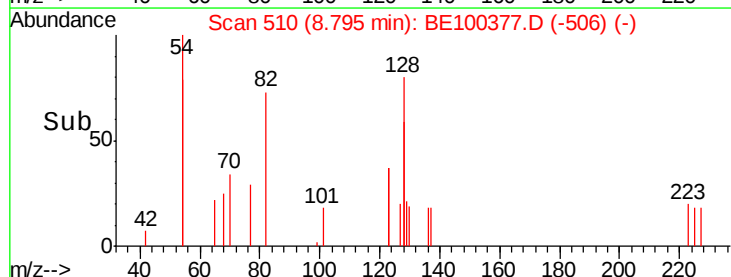
54 213.3 146.2 219.2

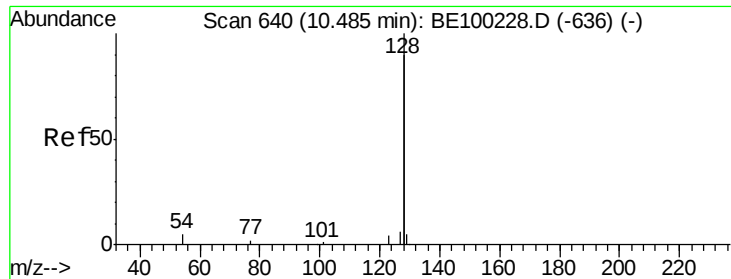


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.103 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

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ClientSampleId :

PST-015-B228-062519

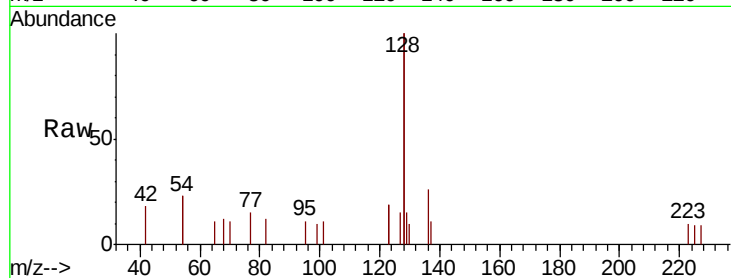
Tgt Ion:128 Resp: 2122

Ion Ratio Lower Upper

128 100

129 7.7 3.0 4.6#

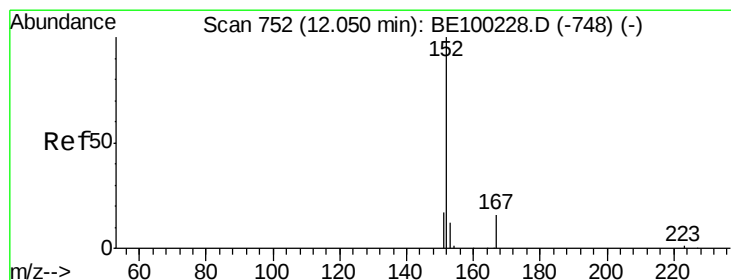
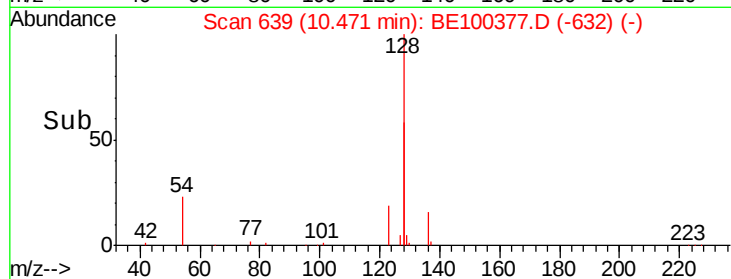
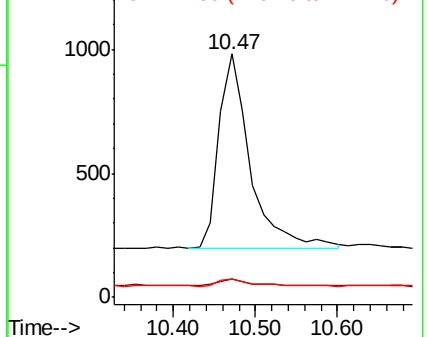
127 7.5 3.5 5.3#



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: 0.368 ng

RT: 12.02 min Scan# 750

Delta R.T. -0.03 min

Lab File: BE100377.D

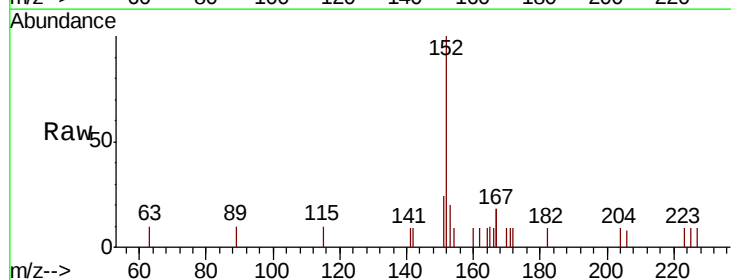
Acq: 5 Jul 2019 12:33

Tgt Ion:152 Resp: 1296

Ion Ratio Lower Upper

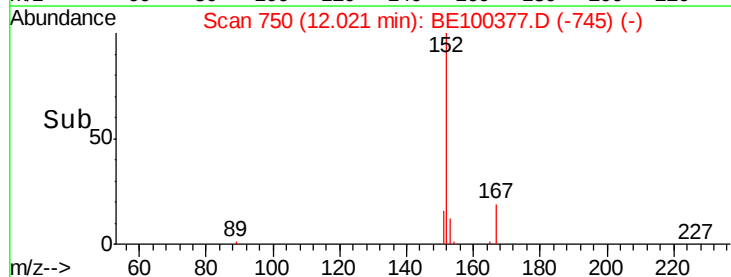
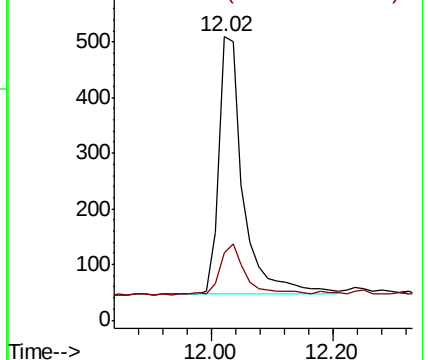
152 100

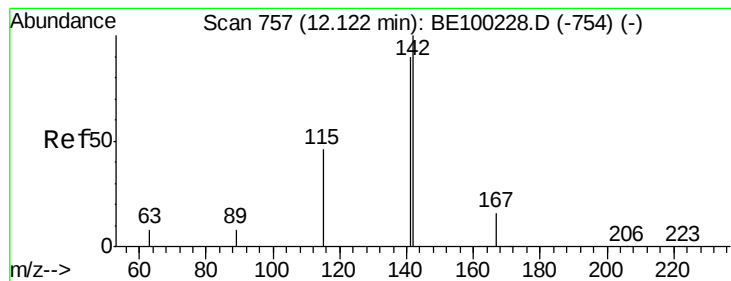
151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.165 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

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ClientSampleId :

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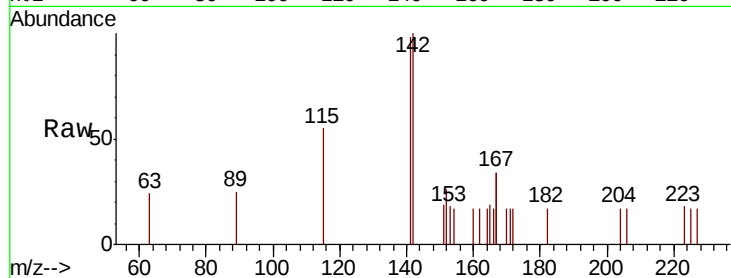
Tgt Ion:142 Resp: 597

Ion Ratio Lower Upper

142 100

141 97.8 72.4 108.6

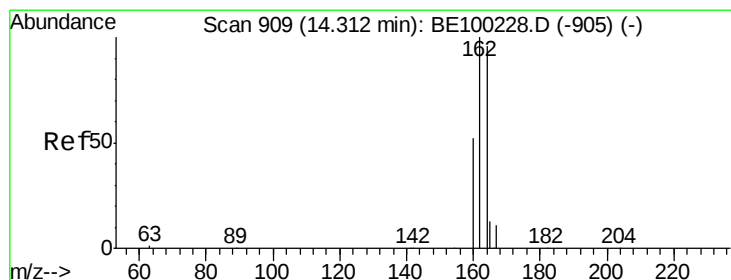
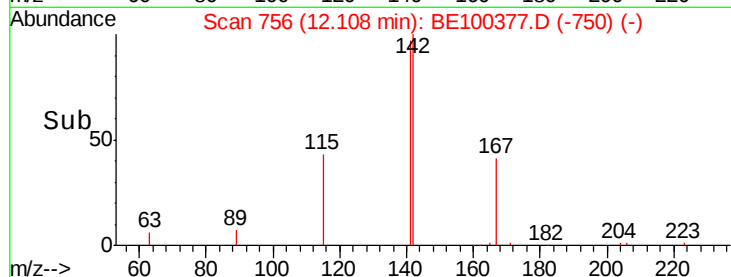
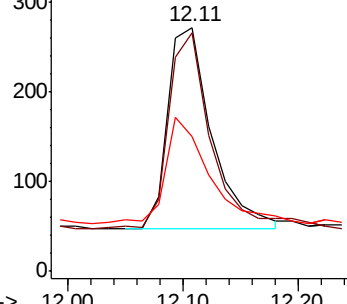
115 55.4 40.4 60.6



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: 14.30 min Scan# 908

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

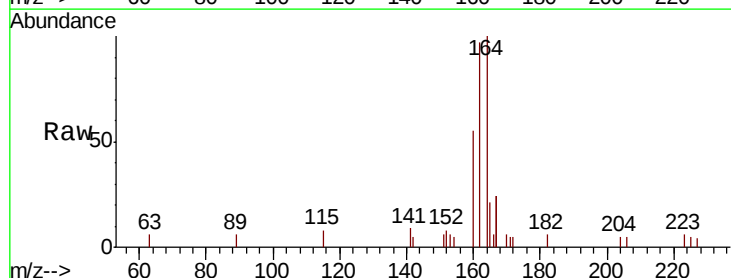
Tgt Ion:164 Resp: 1556

Ion Ratio Lower Upper

164 100

162 97.1 83.4 125.0

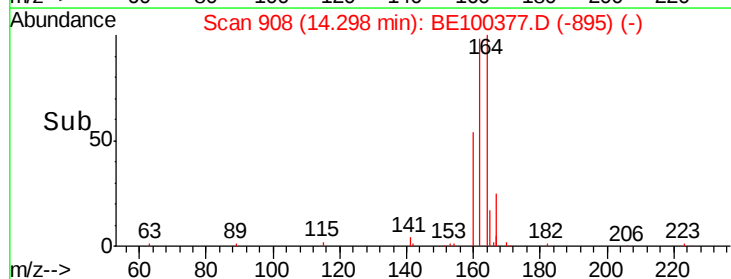
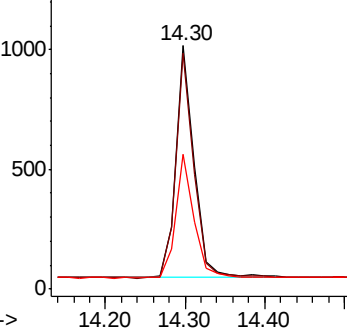
160 55.5 45.0 67.6

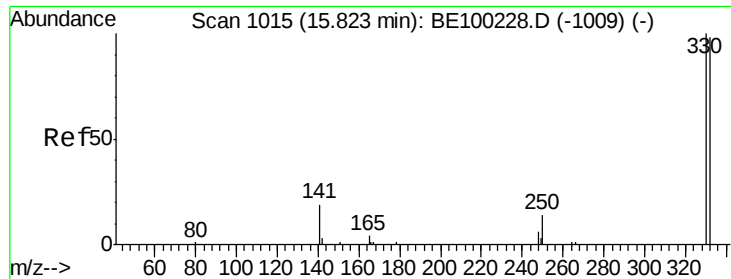


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

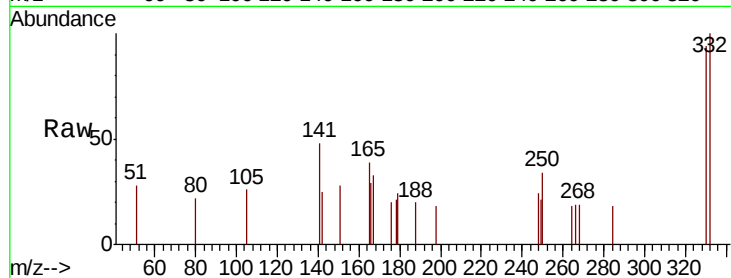




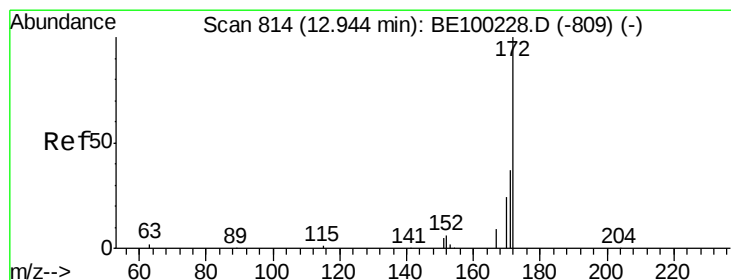
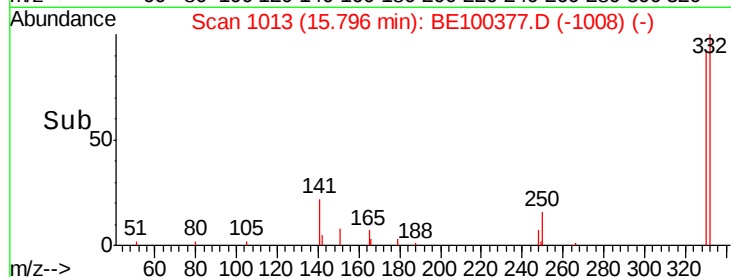
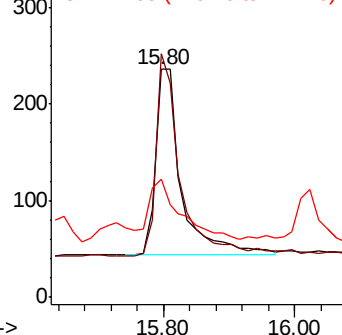
#14  
 2,4,6-Tribromophenol  
 Concen: 0.483 ng  
 RT: 15.80 min Scan# 1013  
 Delta R.T. -0.03 min  
 Lab File: BE100377.D  
 Acq: 5 Jul 2019 12:33

Instrument :  
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 PST-015-B228-062519

Tgt Ion: 330 Resp: 526  
 Ion Ratio Lower Upper  
 330 100  
 332 104.4 77.0 115.4  
 141 38.2 22.0 33.0#

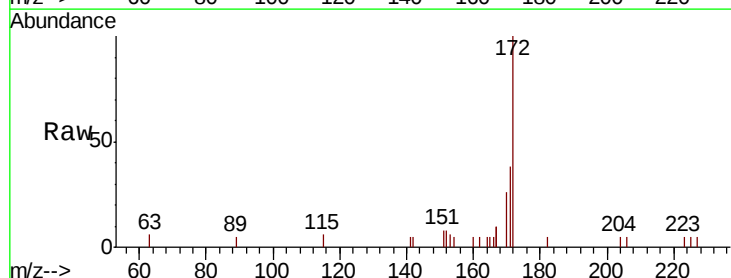


Abundance Ion 330.00 (329.70 to 330.70): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

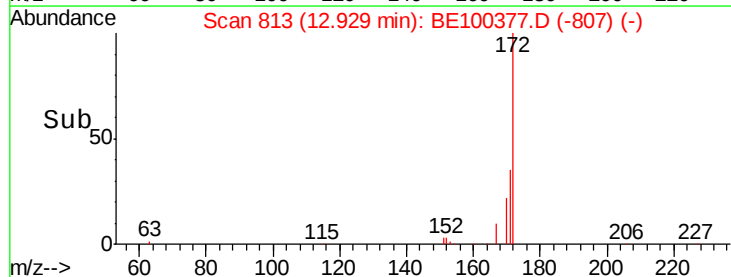
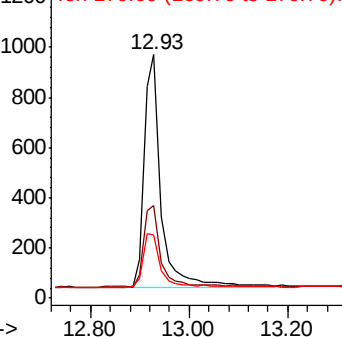


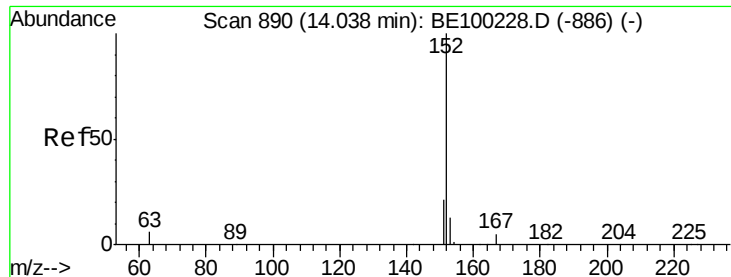
#15  
 2-Fluorobiphenyl  
 Concen: 0.360 ng  
 RT: 12.93 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BE100377.D  
 Acq: 5 Jul 2019 12:33

Tgt Ion: 172 Resp: 2184  
 Ion Ratio Lower Upper  
 172 100  
 171 38.2 31.9 47.9  
 170 26.0 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

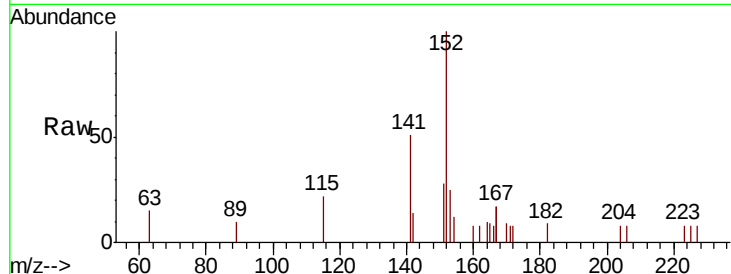




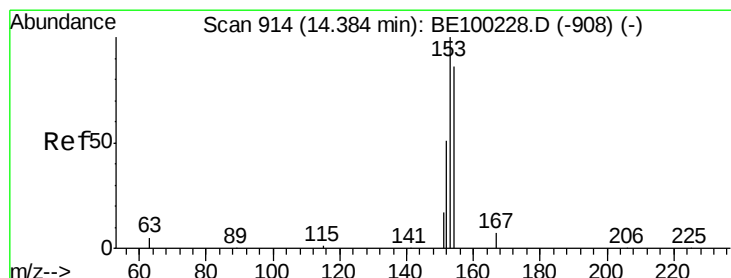
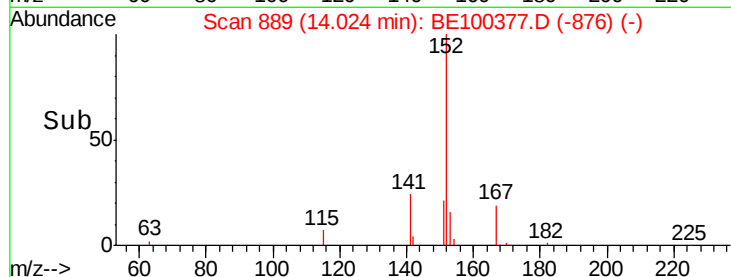
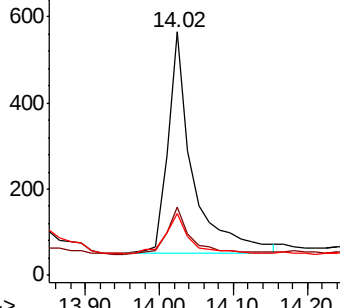
#16  
Acenaphthylene  
Concen: 0.162 ng  
RT: 14.02 min Scan# 889  
Delta R.T. -0.01 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

Instrument :  
BNA\_N  
ClientSampleId :  
PST-015-B228-062519

Tgt Ion:152 Resp: 1213  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.6 25.0  
153 17.3 10.5 15.7#

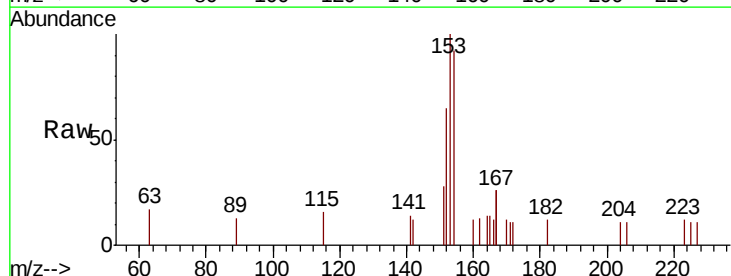


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

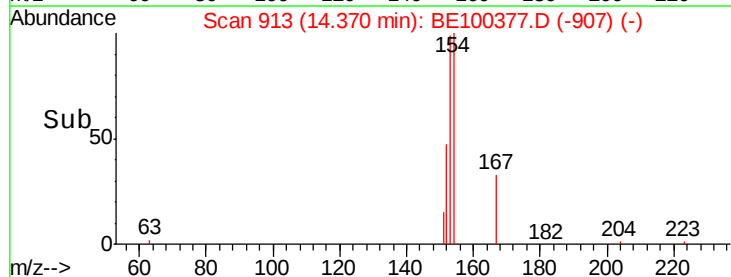
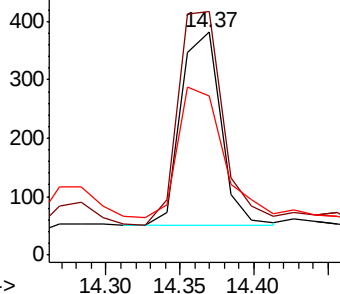


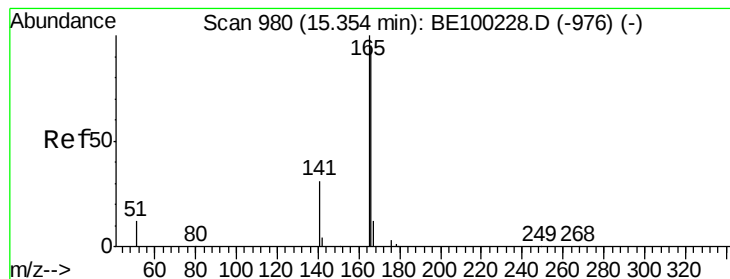
#17  
Acenaphthene  
Concen: 0.147 ng  
RT: 14.37 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

Tgt Ion:154 Resp: 622  
Ion Ratio Lower Upper  
154 100  
153 130.1 93.4 140.2  
152 80.4 49.4 74.2#



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





#18

Fluorene

Concen: 0.233 ng

RT: 15.34 min Scan# 979

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

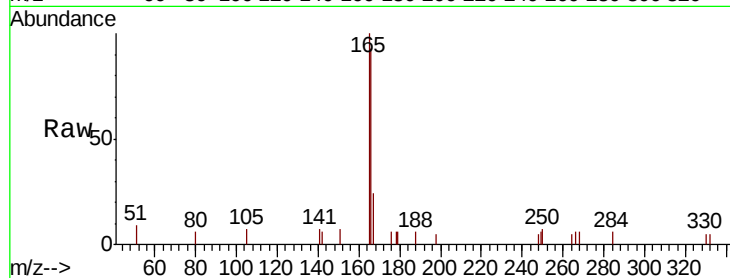
Tgt Ion:166 Resp: 1459

Ion Ratio Lower Upper

166 100

165 94.5 81.1 121.7

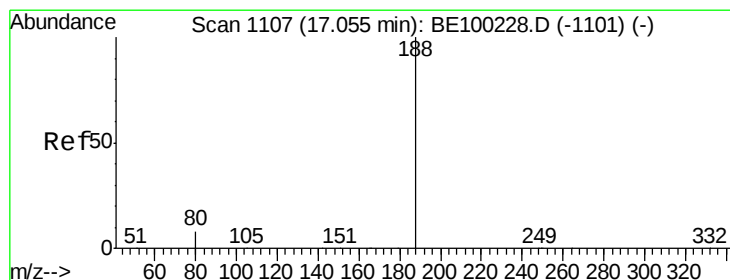
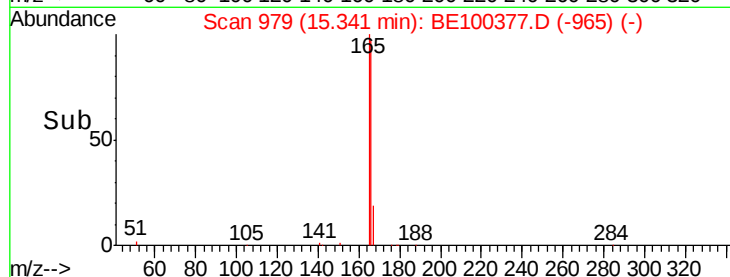
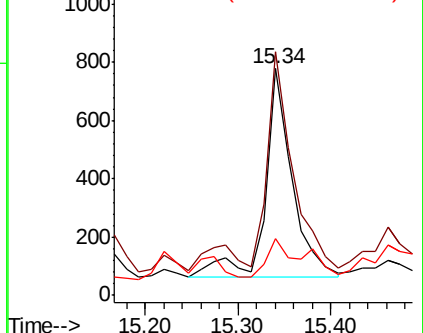
167 25.1 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

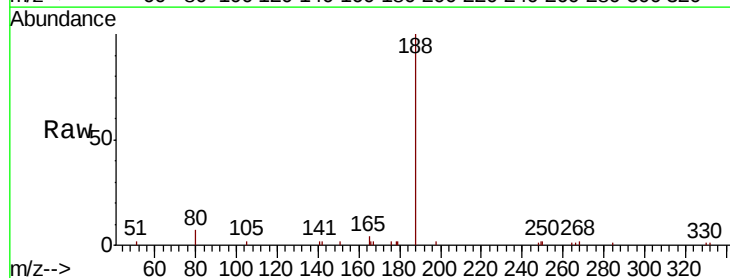
Tgt Ion:188 Resp: 5120

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

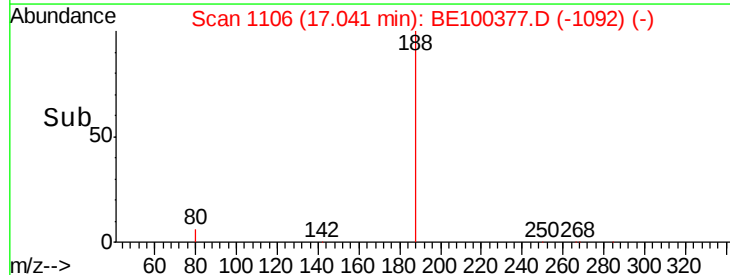
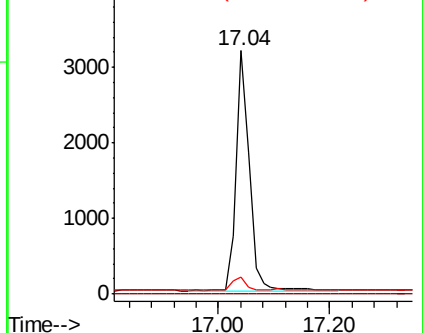
80 7.2 7.6 11.4#

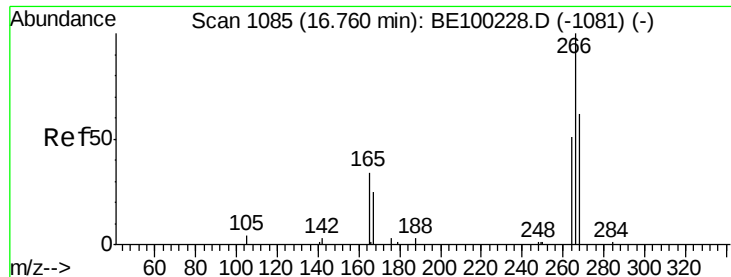


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.024 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

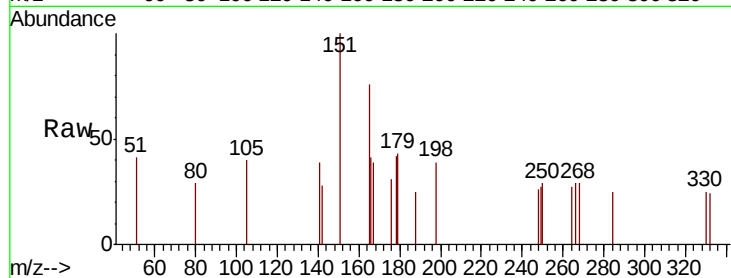
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 92.5 56.2 84.2#

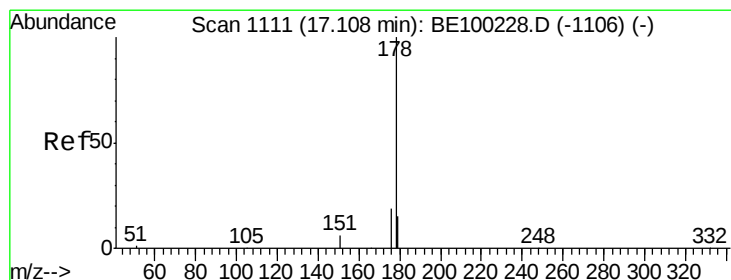
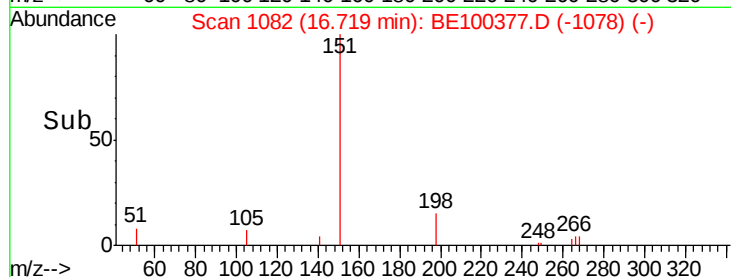
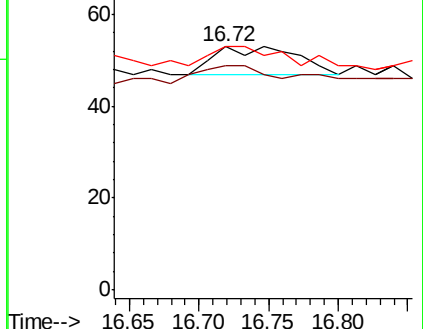
268 100.0 61.8 92.6#



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: 4.118 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

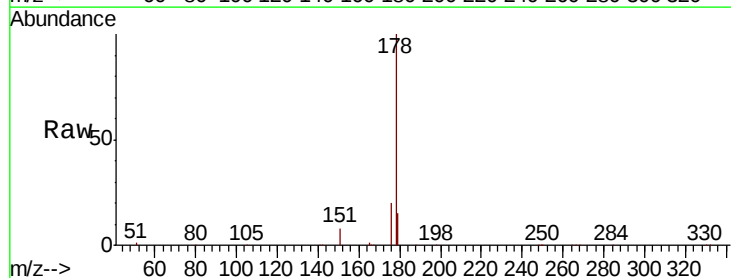
Tgt Ion:178 Resp: 51107

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

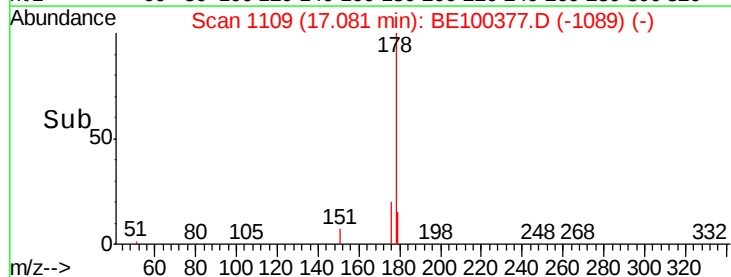
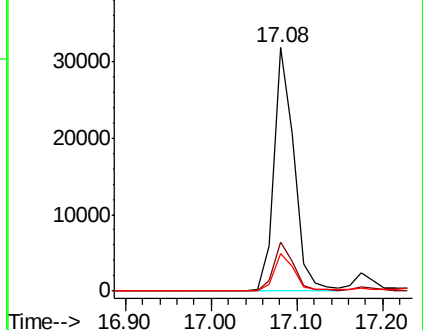
179 15.7 12.2 18.2

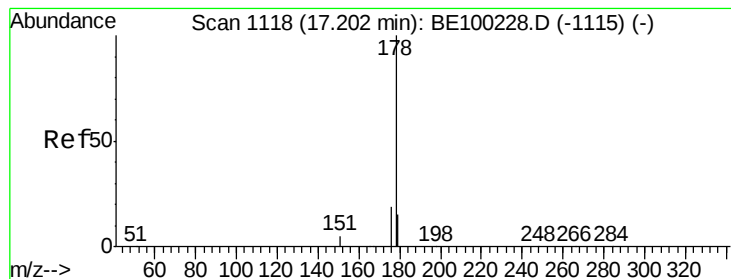


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.332 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

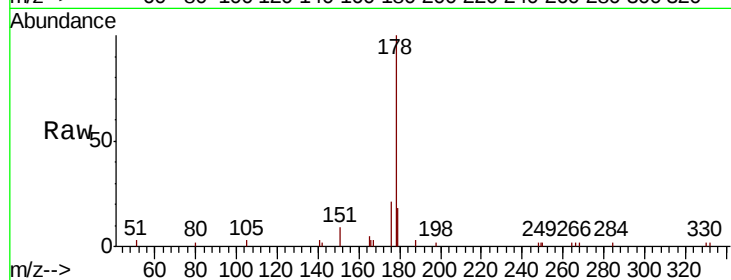
Tgt Ion:178 Resp: 3708

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

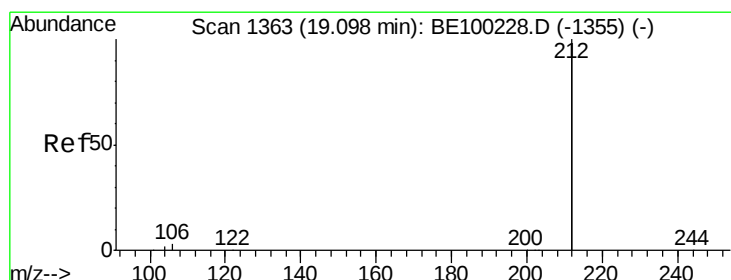
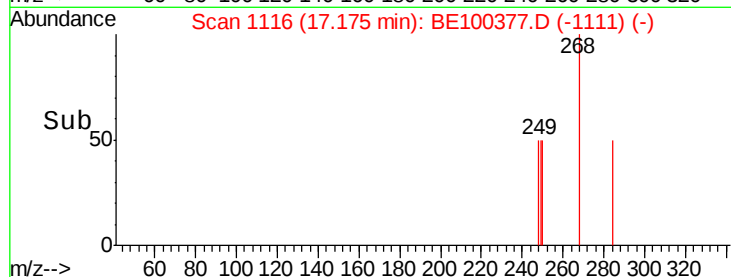
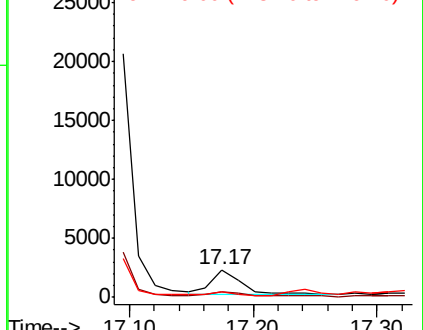
179 10.8 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.08 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

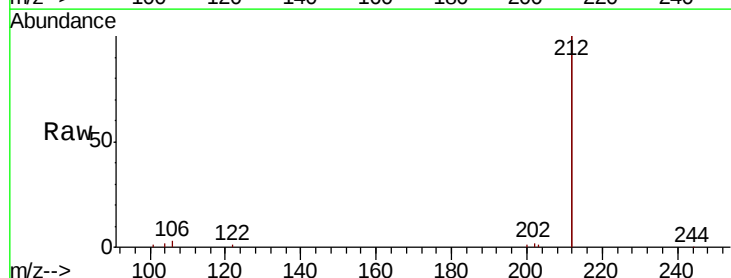
Tgt Ion:212 Resp: 24963

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

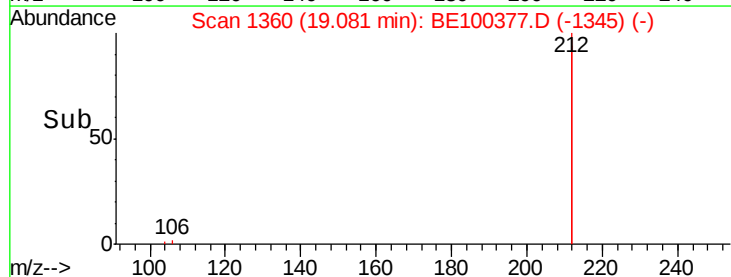
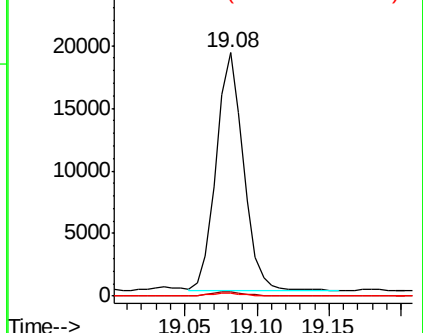
104 1.0 0.8 1.2

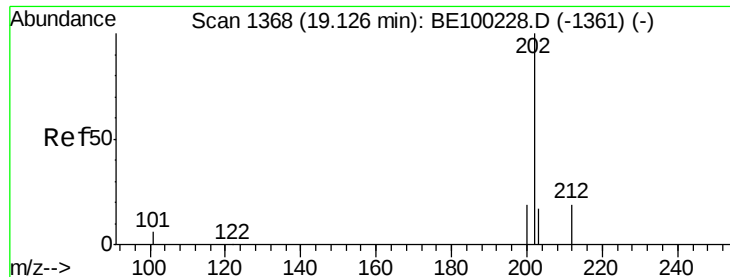


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

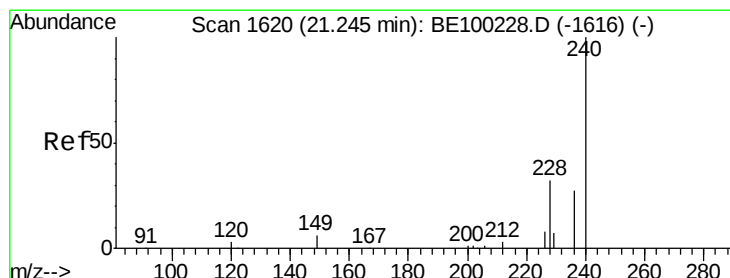
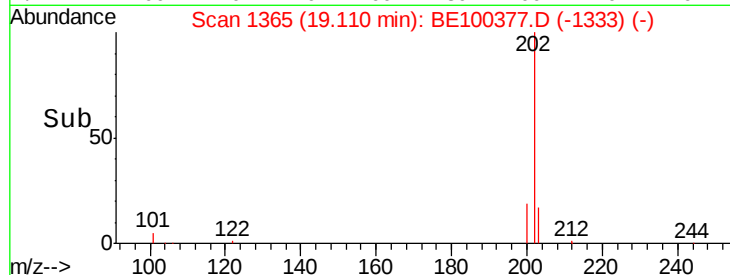
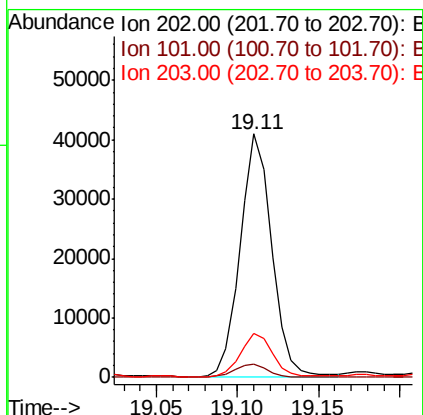
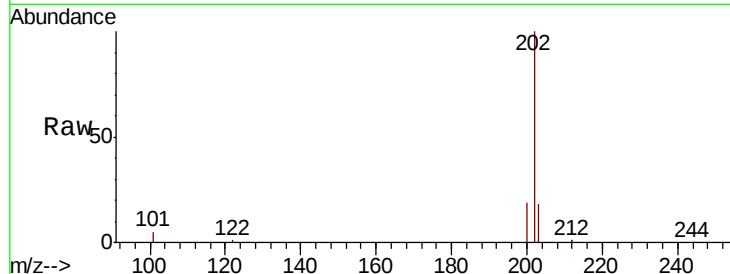




#26  
Fluoranthene  
Concen: 2.797 ng  
RT: 19.11 min Scan# 1365  
Delta R.T. -0.02 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

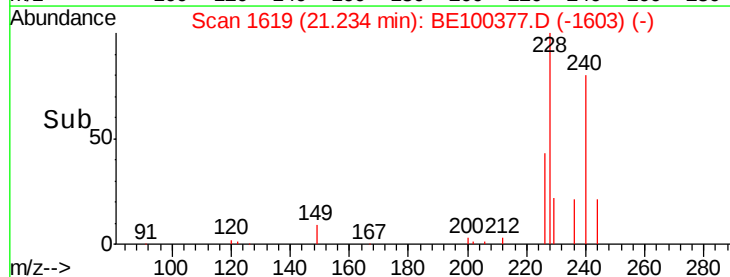
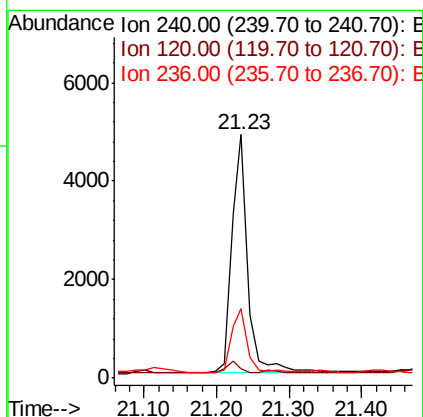
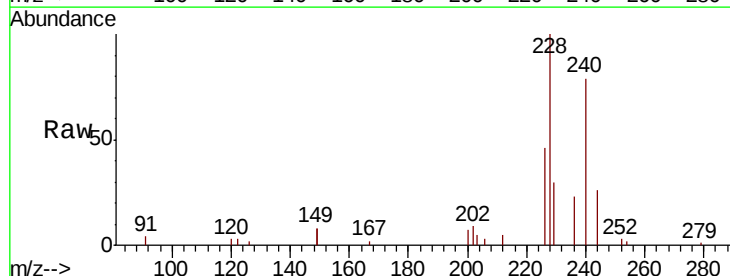
Instrument :  
BNA\_N  
ClientSampleId :  
PST-015-B228-062519

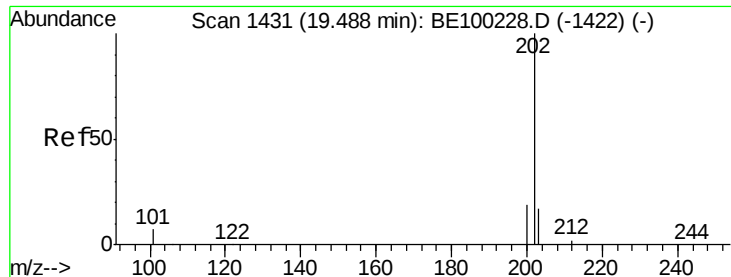
Tgt Ion: 202 Resp: 55287  
Ion Ratio Lower Upper  
202 100  
101 5.2 4.6 7.0  
203 17.9 13.7 20.5



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.23 min Scan# 1619  
Delta R.T. -0.01 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

Tgt Ion: 240 Resp: 7536  
Ion Ratio Lower Upper  
240 100  
120 4.0 3.3 4.9  
236 28.7 22.6 34.0

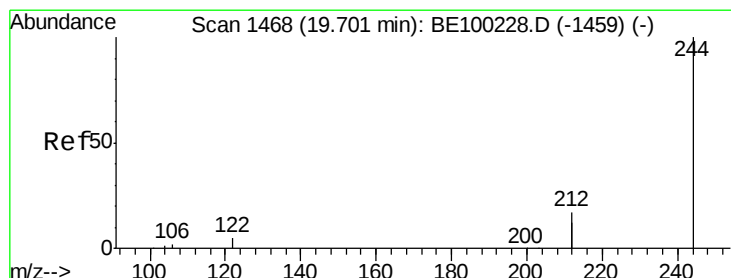
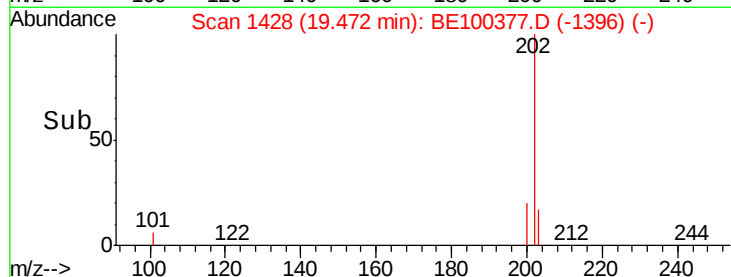
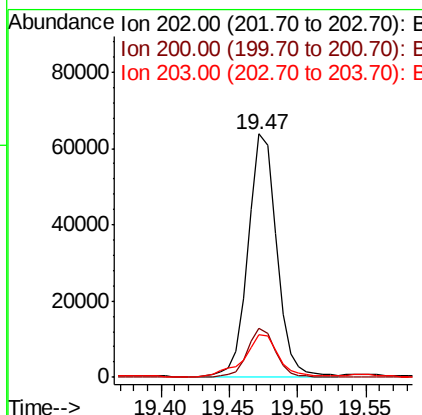
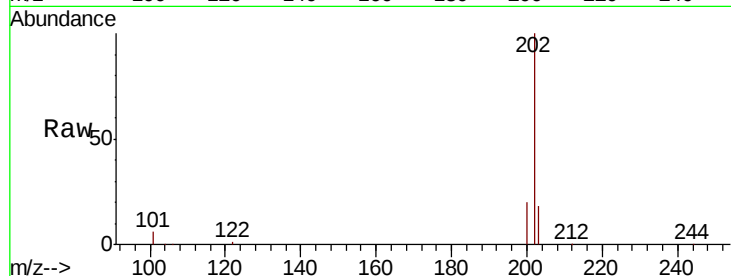




#28  
Pyrene  
Concen: 4.585 ng  
RT: 19.47 min Scan# 1428  
Delta R.T. -0.02 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

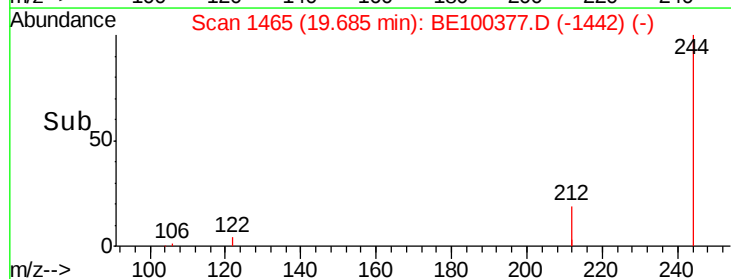
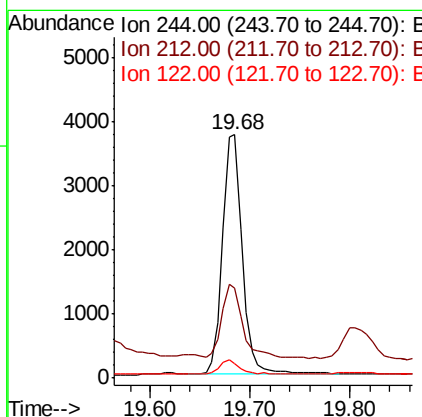
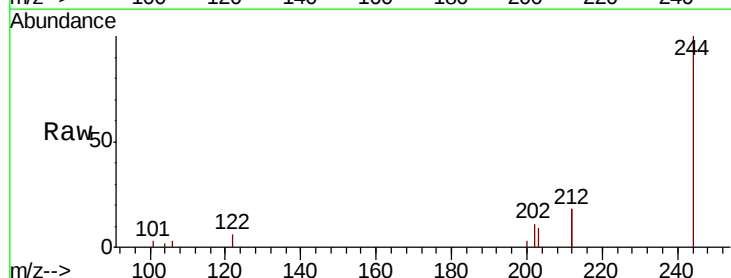
Instrument :  
BNA\_N  
ClientSampleId :  
PST-015-B228-062519

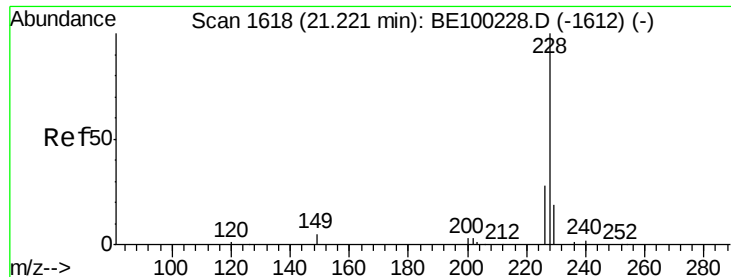
Tgt Ion: 202 Resp: 91479  
Ion Ratio Lower Upper  
202 100  
200 19.7 15.6 23.4  
203 21.0 14.0 21.0#



#29  
Terphenyl-d14  
Concen: 0.330 ng  
RT: 19.68 min Scan# 1465  
Delta R.T. -0.02 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

Tgt Ion: 244 Resp: 5150  
Ion Ratio Lower Upper  
244 100  
212 36.9 27.3 40.9  
122 5.9 4.7 7.1





#30

Benzo(a)anthracene

Concen: 1.632 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

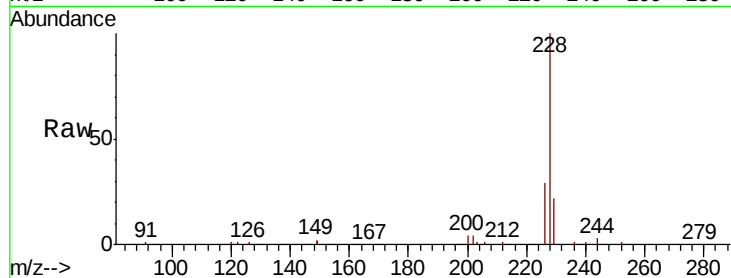
Tgt Ion:228 Resp: 40435

Ion Ratio Lower Upper

228 100

226 29.2 23.2 34.8

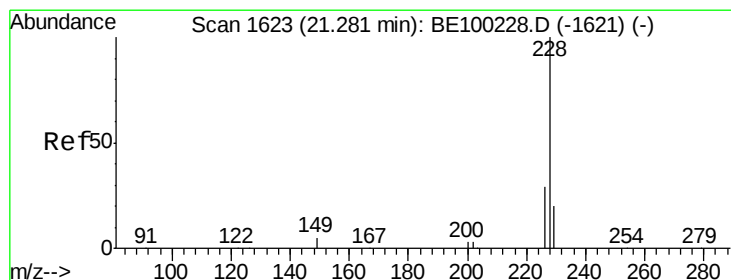
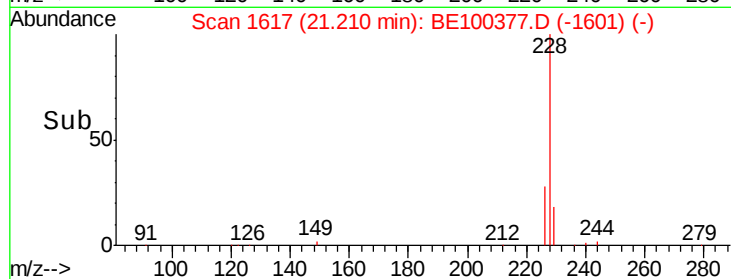
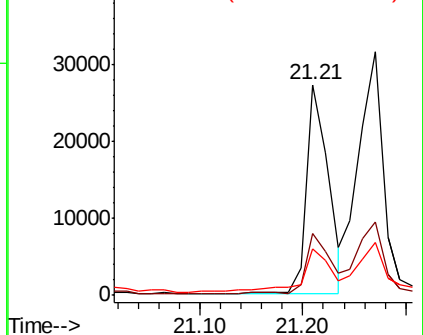
229 22.0 15.7 23.5



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: 2.070 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

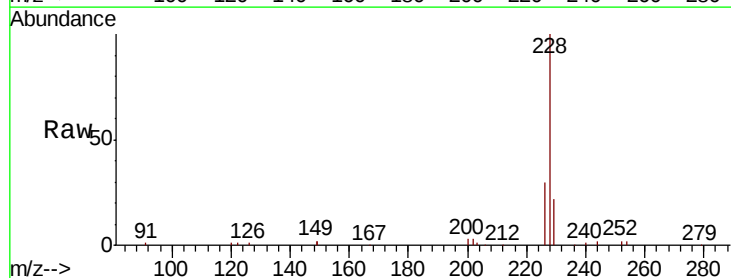
Tgt Ion:228 Resp: 51509

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

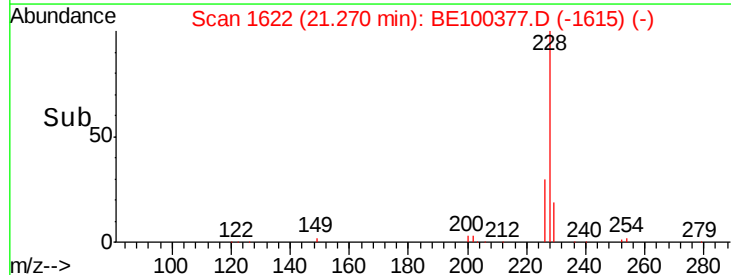
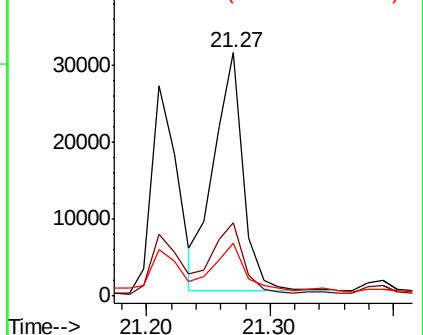
229 21.8 16.5 24.7

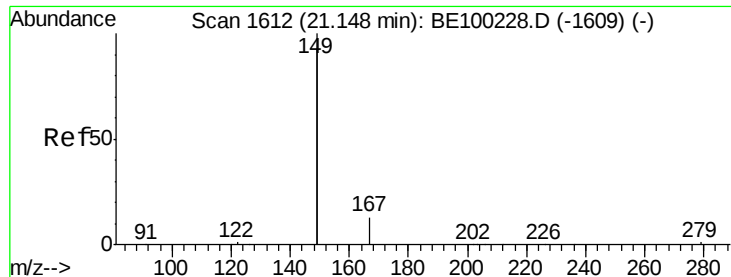


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

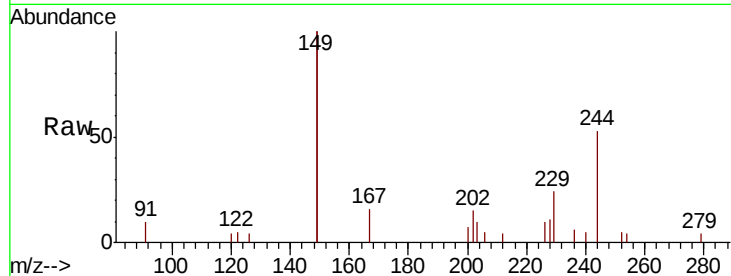




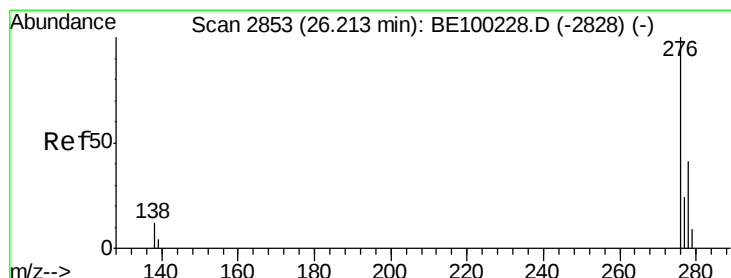
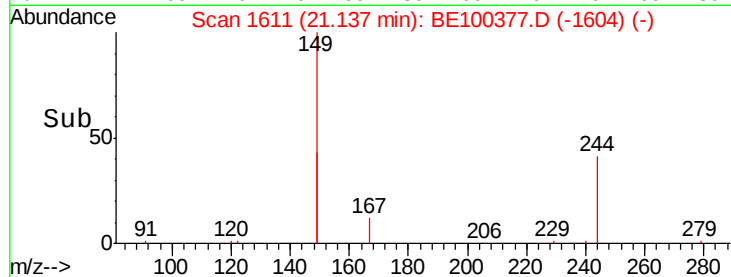
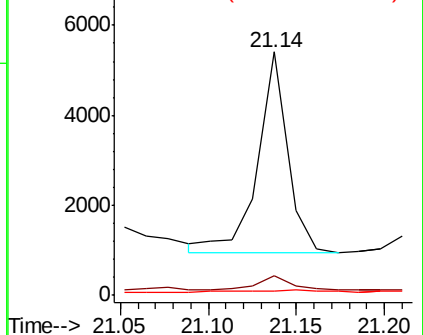
#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.090 ng  
 RT: 21.14 min Scan# 1611  
 Delta R.T. -0.01 min  
 Lab File: BE100377.D  
 Acq: 5 Jul 2019 12:33

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-015-B228-062519

Tgt Ion:149 Resp: 5184  
 Ion Ratio Lower Upper  
 149 100  
 167 7.8 5.8 8.8  
 279 1.6 1.1 1.7

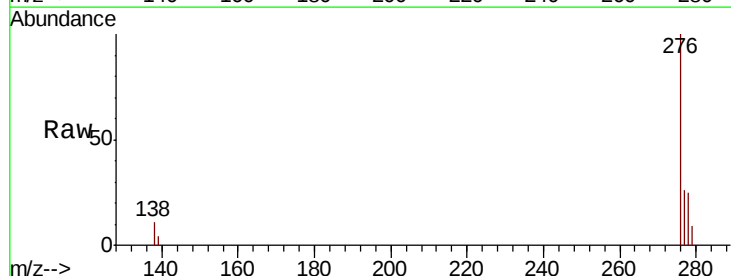


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

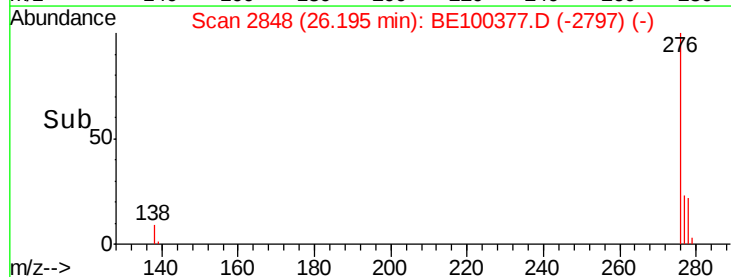
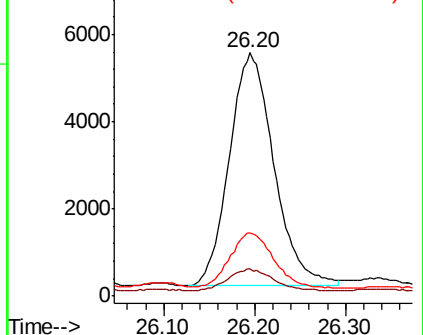


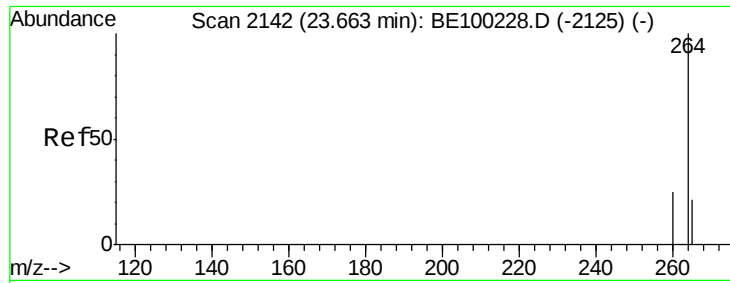
#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.551 ng  
 RT: 26.20 min Scan# 2848  
 Delta R.T. -0.02 min  
 Lab File: BE100377.D  
 Acq: 5 Jul 2019 12:33

Tgt Ion:276 Resp: 18123  
 Ion Ratio Lower Upper  
 276 100  
 138 9.6 9.4 14.0  
 277 23.7 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

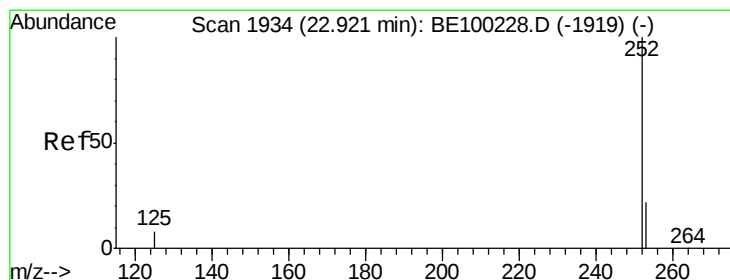
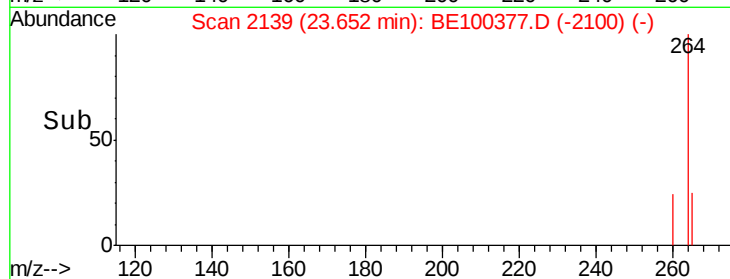
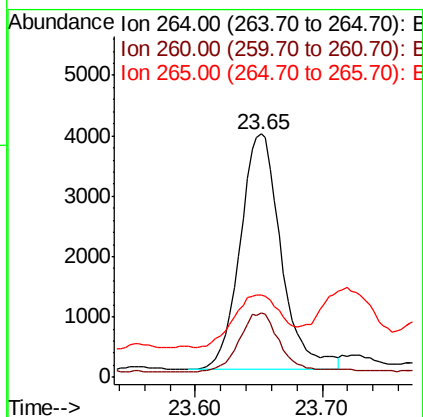
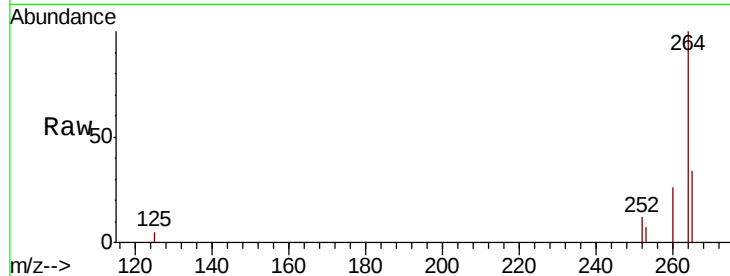




#34  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.65 min Scan# 2139  
Delta R.T. -0.01 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

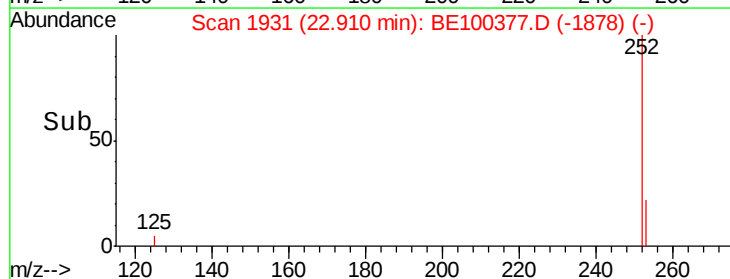
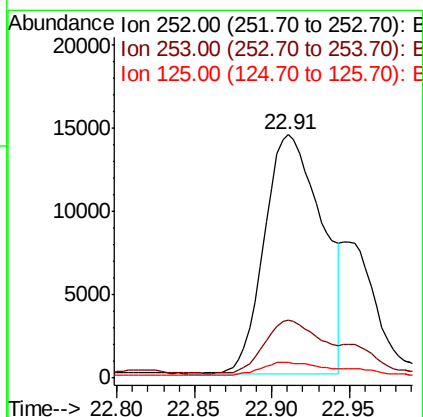
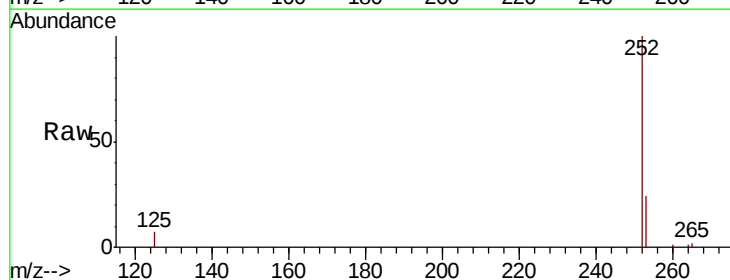
Instrument :  
BNA\_N  
ClientSampleId :  
PST-015-B228-062519

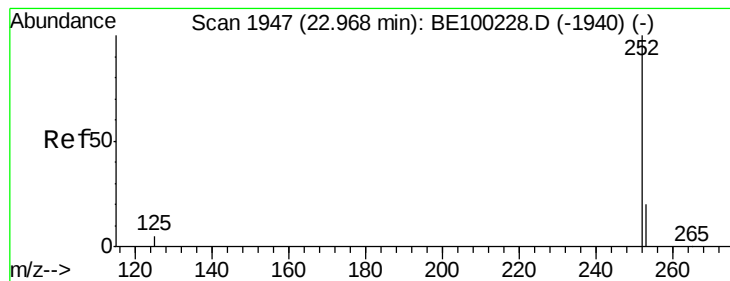
Tgt Ion: 264 Resp: 8804  
Ion Ratio Lower Upper  
264 100  
260 26.3 20.8 31.2  
265 33.6 21.8 32.6#



#35  
Benzo(b)fluoranthene  
Concen: 1.543 ng  
RT: 22.91 min Scan# 1931  
Delta R.T. -0.01 min  
Lab File: BE100377.D  
Acq: 5 Jul 2019 12:33

Tgt Ion: 252 Resp: 36842  
Ion Ratio Lower Upper  
252 100  
253 23.7 19.2 28.8  
125 6.6 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 1.383 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.06 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

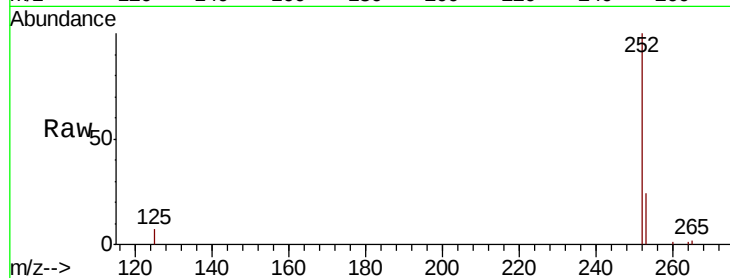
Tgt Ion:252 Resp: 36842

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 6.6 5.0 7.4

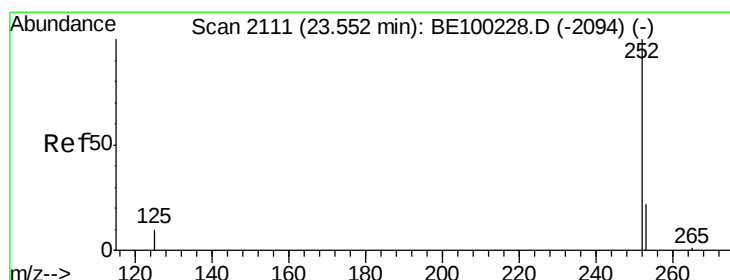
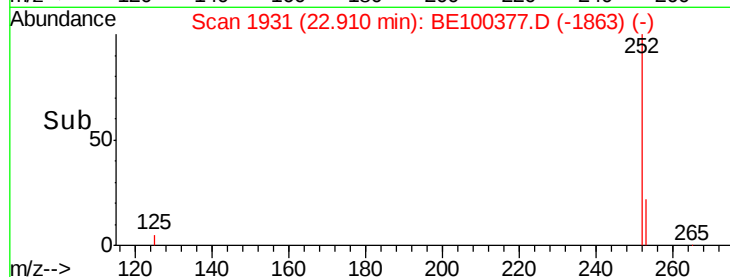
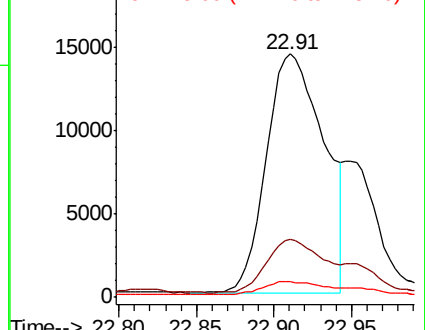


Abundance

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: 1.259 ng

RT: 23.54 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

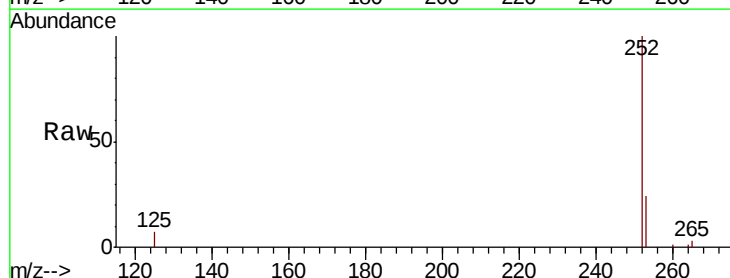
Tgt Ion:252 Resp: 30112

Ion Ratio Lower Upper

252 100

253 24.1 19.6 29.4

125 7.1 9.0 13.6#

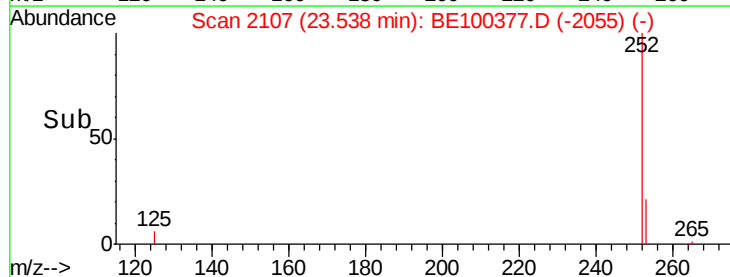
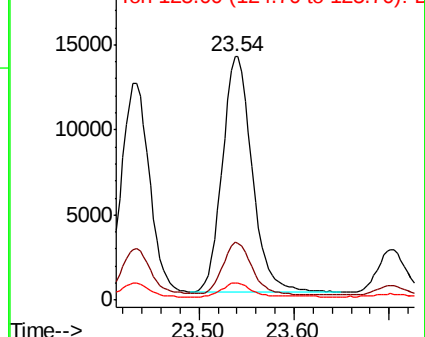


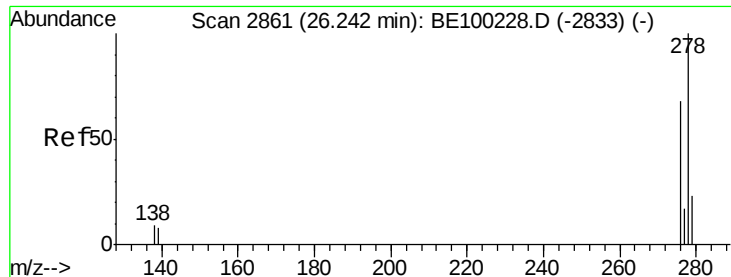
Abundance

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: 0.206 ng

RT: 26.21 min Scan# 2851

Delta R.T. -0.04 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

Instrument :

BNA\_N

ClientSampleId :

PST-015-B228-062519

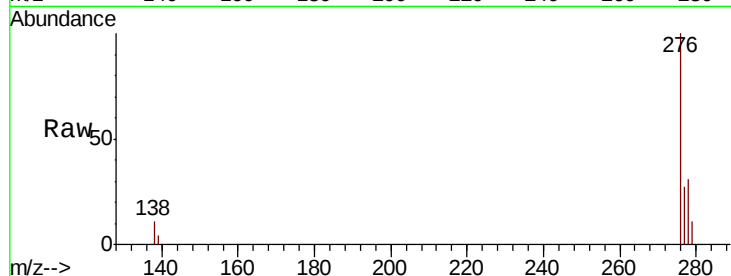
Tgt Ion: 278 Resp: 5143

Ion Ratio Lower Upper

278 100

139 13.6 8.2 12.2#

279 35.2 20.3 30.5#

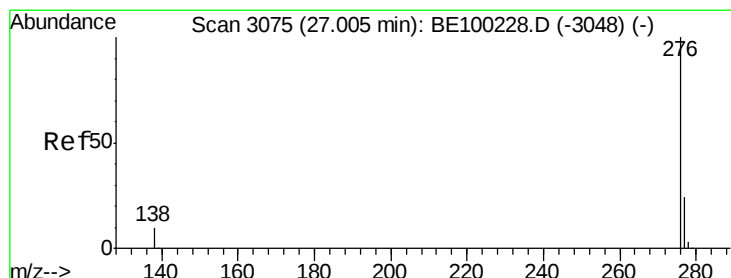
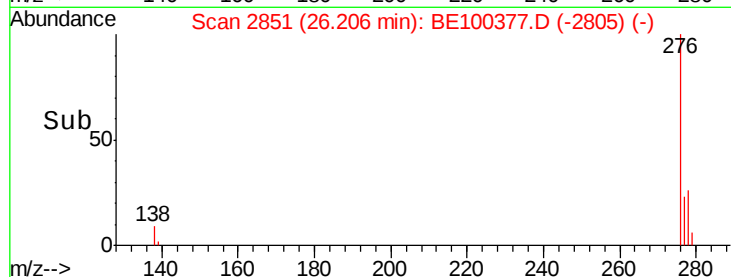
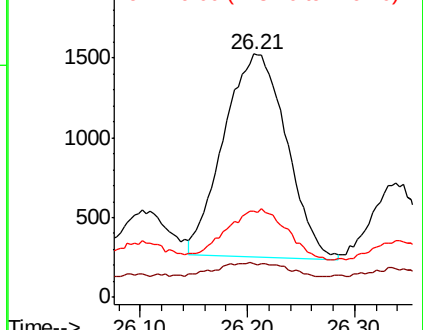


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.919 ng

RT: 26.98 min Scan# 3068

Delta R.T. -0.03 min

Lab File: BE100377.D

Acq: 5 Jul 2019 12:33

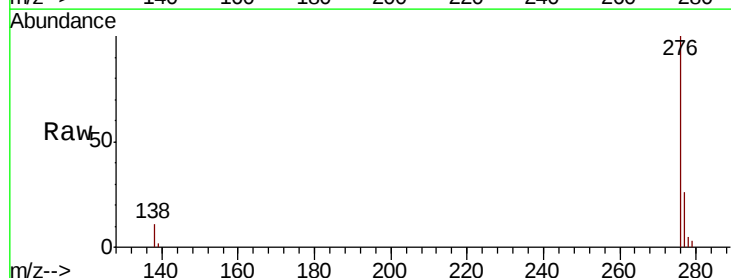
Tgt Ion: 276 Resp: 23600

Ion Ratio Lower Upper

276 100

277 25.6 20.2 30.2

138 11.0 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

