

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE062519\  
 Data File : BE100185.D  
 Acq On : 25 Jun 2019 18:32  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jun 26 03:21:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE062519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 25 15:40:27 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 498      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.47 | 136  | 1718     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.35 | 164  | 1198     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 17.09 | 188  | 3562     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.28 | 240  | 5574     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.73 | 264  | 7898     | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.23  | 112  | 448      | 0.40 | ng    | 0.00     |
| 5) Phenol-d6                | 6.86  | 99   | 616      | 0.40 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.85  | 82   | 630      | 0.37 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152  | 1272     | 0.39 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.85 | 330  | 286      | 0.41 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.99 | 172  | 2053     | 0.43 | ng    | 0.01     |
| 25) Fluoranthene-d10        | 19.13 | 212  | 21731    | 0.42 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.74 | 244  | 4499     | 0.41 | ng    | 0.00     |

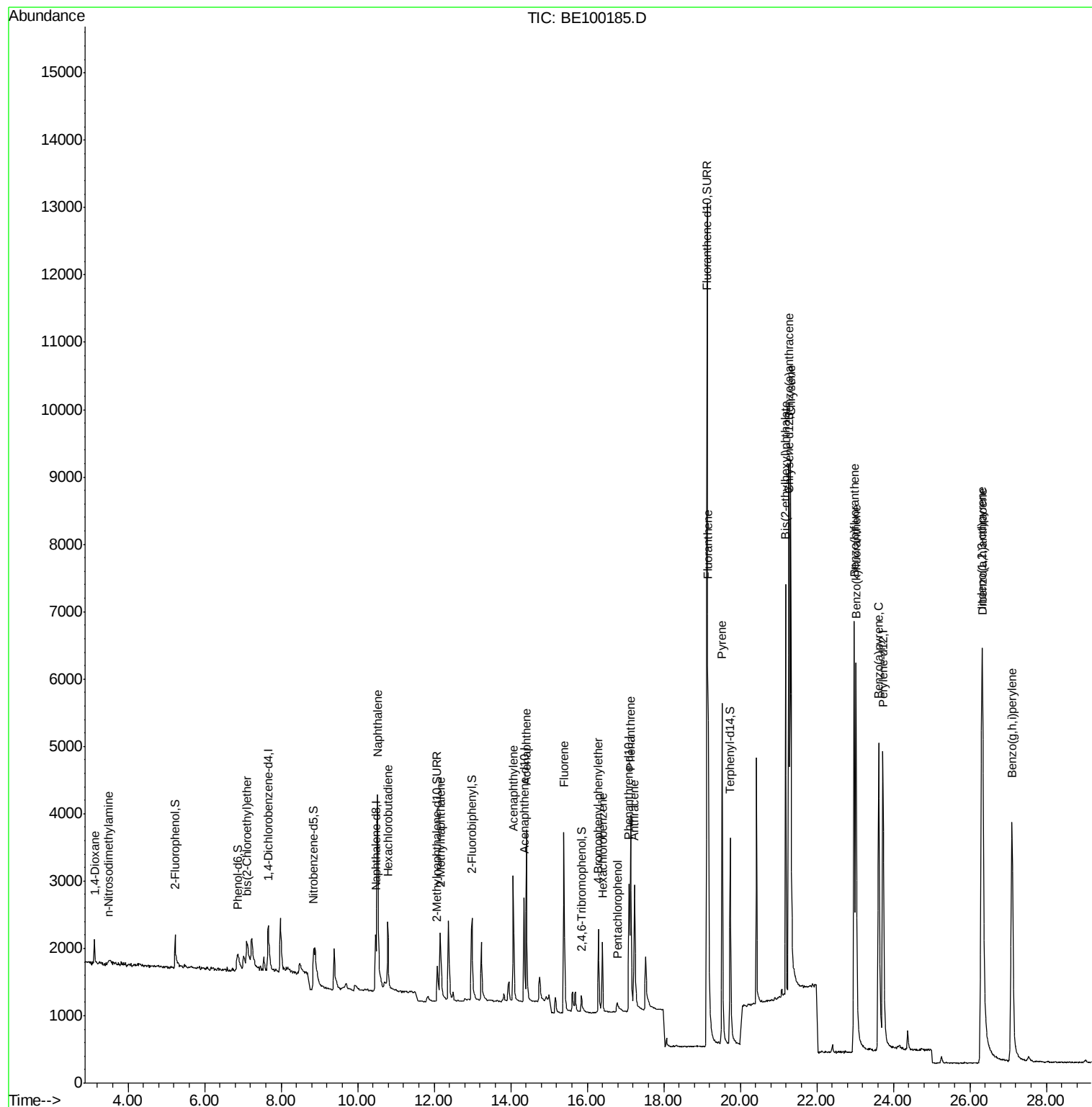
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.12  | 88   | 327      | 0.420 | ng    | 94     |
| 3) n-Nitrosodimethylamine      | 3.49  | 42   | 95       | 0.329 | ng    | # 1    |
| 6) bis(2-Chloroethyl)ether     | 7.10  | 93   | 413      | 0.296 | ng    | # 74   |
| 9) Naphthalene                 | 10.52 | 128  | 7642     | 0.408 | ng    | 99     |
| 10) Hexachlorobutadiene        | 10.78 | 225  | 789      | 0.408 | ng    | 98     |
| 12) 2-Methylnaphthalene        | 12.17 | 142  | 1192     | 0.395 | ng    | 98     |
| 16) Acenaphthylene             | 14.07 | 152  | 2424     | 0.415 | ng    | 99     |
| 17) Acenaphthene               | 14.41 | 154  | 1387     | 0.424 | ng    | 98     |
| 18) Fluorene                   | 15.39 | 166  | 2025     | 0.428 | ng    | 98     |
| 20) 4-Bromophenyl-phenylether  | 16.29 | 248  | 944      | 0.427 | ng    | 98     |
| 21) Hexachlorobenzene          | 16.40 | 284  | 1058     | 0.436 | ng    | 98     |
| 22) Pentachlorophenol          | 16.79 | 266  | 255      | 0.584 | ng    | 94     |
| 23) Phenanthrene               | 17.13 | 178  | 3662     | 0.434 | ng    | 100    |
| 24) Anthracene                 | 17.23 | 178  | 2958     | 0.415 | ng    | 98     |
| 26) Fluoranthene               | 19.16 | 202  | 5897     | 0.430 | ng    | 99     |
| 28) Pyrene                     | 19.52 | 202  | 6025     | 0.422 | ng    | 99     |
| 30) Benzo(a)anthracene         | 21.27 | 228  | 7025     | 0.427 | ng    | 99     |
| 31) Chrysene                   | 21.32 | 228  | 8169     | 0.424 | ng    | 100    |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 7015     | 0.371 | ng    | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.31 | 276  | 12747    | 0.465 | ng    | 99     |
| 35) Benzo(b)fluoranthene       | 22.98 | 252  | 9201     | 0.433 | ng    | 99     |
| 36) Benzo(k)fluoranthene       | 23.02 | 252  | 10228    | 0.402 | ng    | 99     |
| 37) Benzo(a)pyrene             | 23.62 | 252  | 9560     | 0.434 | ng    | 99     |
| 38) Dibenzo(a,h)anthracene     | 26.34 | 278  | 9860     | 0.419 | ng    | 98     |
| 39) Benzo(g,h,i)perylene       | 27.10 | 276  | 10234    | 0.416 | ng    | 99     |

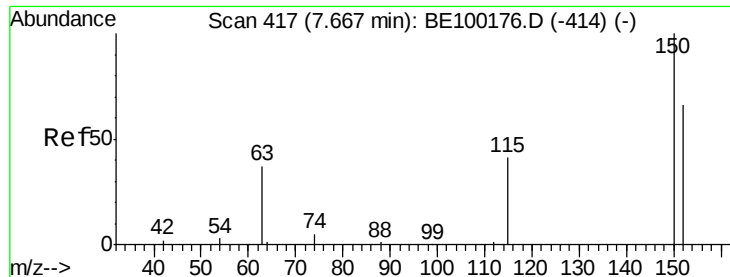
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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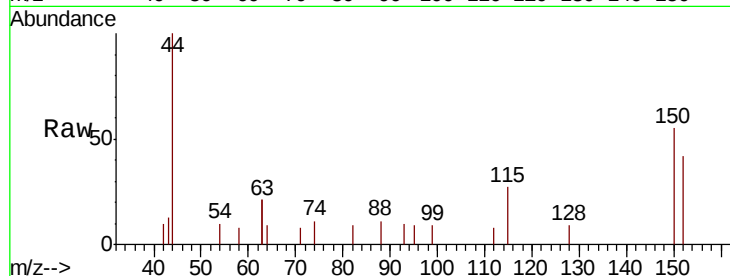




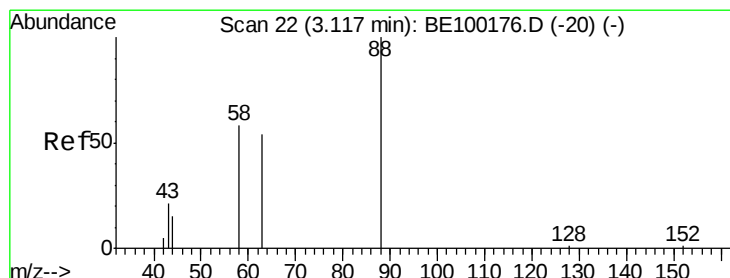
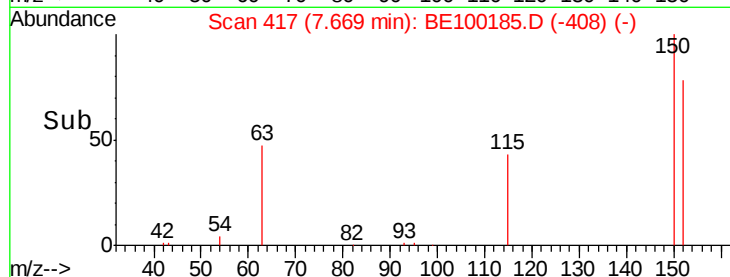
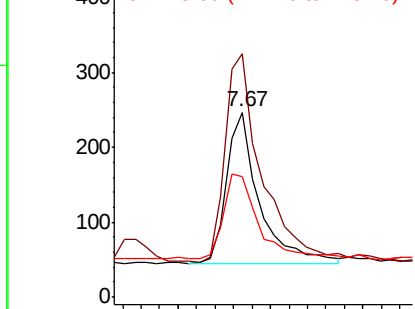
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.67 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: BE100185.D  
 Acq: 25 Jun 2019 18:32

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4EC

Tgt Ion: 152 Resp: 498  
 Ion Ratio Lower Upper  
 152 100  
 150 131.6 113.4 170.2  
 115 65.2 55.8 83.6

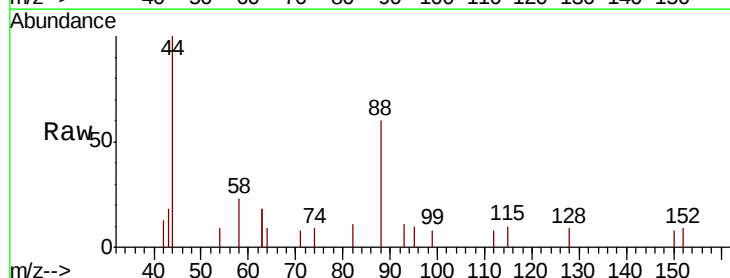


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

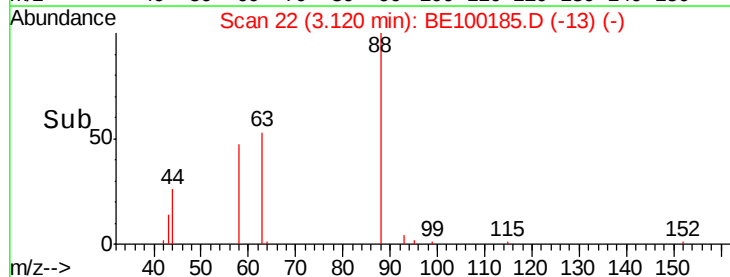
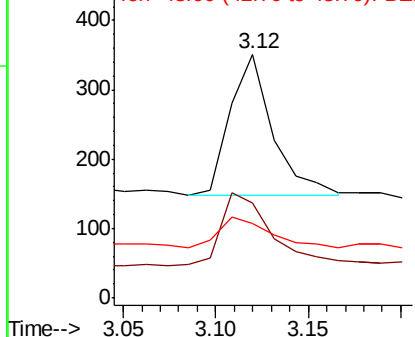


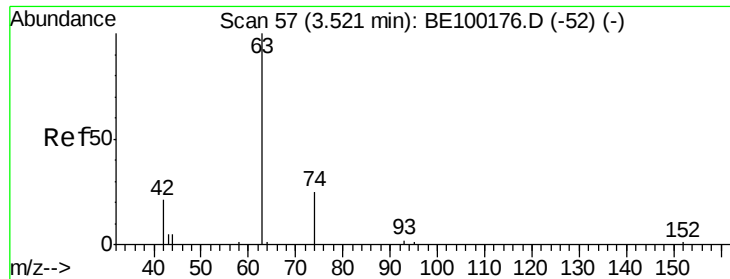
#2  
 1,4-Dioxane  
 Concen: 0.420 ng  
 RT: 3.12 min Scan# 22  
 Delta R.T. 0.00 min  
 Lab File: BE100185.D  
 Acq: 25 Jun 2019 18:32

Tgt Ion: 88 Resp: 327  
 Ion Ratio Lower Upper  
 88 100  
 58 60.9 43.8 65.6  
 43 24.8 19.4 29.2



Abundance Ion 88.00 (87.70 to 88.70): BE1  
 Ion 58.00 (57.70 to 58.70): BE1  
 Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.329 ng

RT: 3.49 min Scan# 54

Delta R.T. -0.03 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

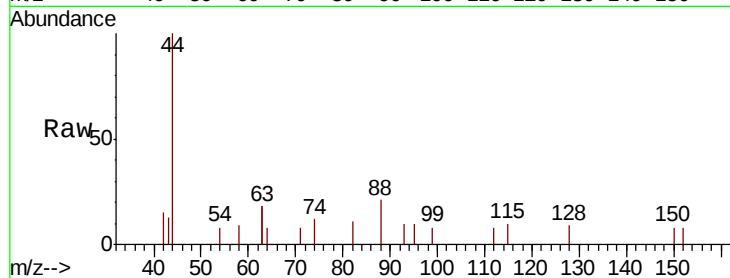
Tgt Ion: 42 Resp: 95

Ion Ratio Lower Upper

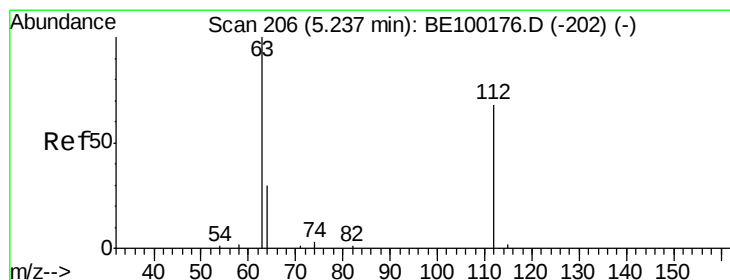
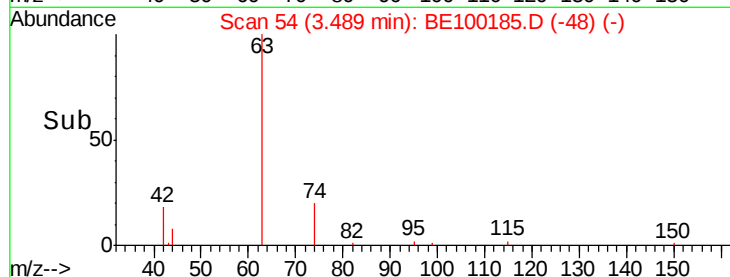
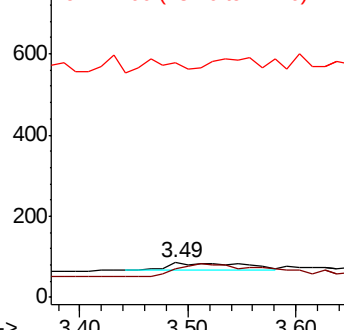
42 100

74 0.0 193.2 289.8#

44 0.0 114.5 171.7#



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: 0.405 ng

RT: 5.23 min Scan# 205

Delta R.T. -0.01 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

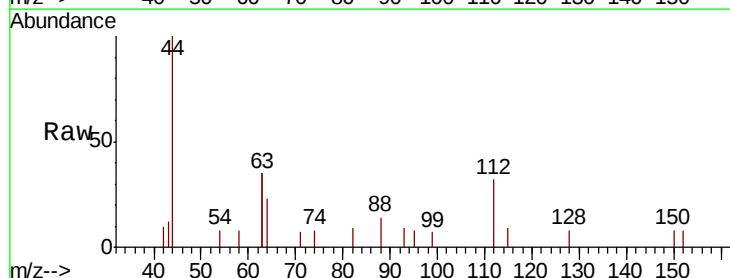
Tgt Ion: 112 Resp: 448

Ion Ratio Lower Upper

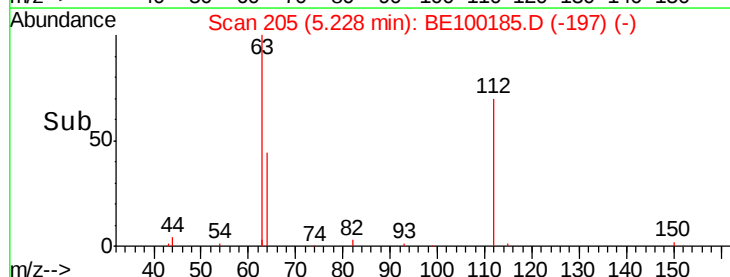
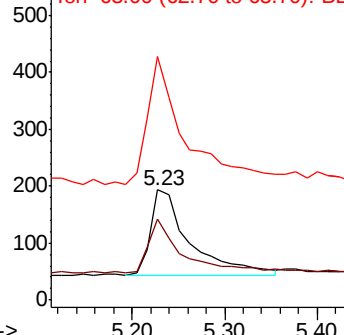
112 100

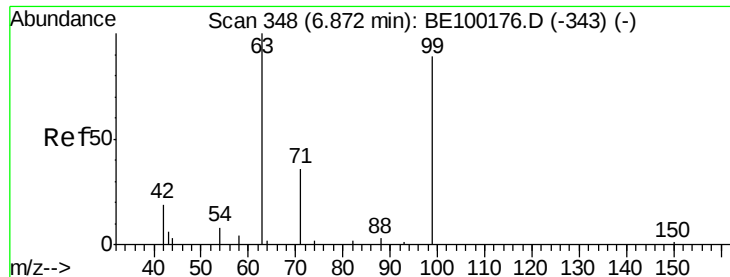
64 58.7 40.7 61.1

63 146.0 93.2 139.8#



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





#5

Phenol-d6

Concen: 0.404 ng

RT: 6.86 min Scan# 347

Delta R.T. -0.01 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

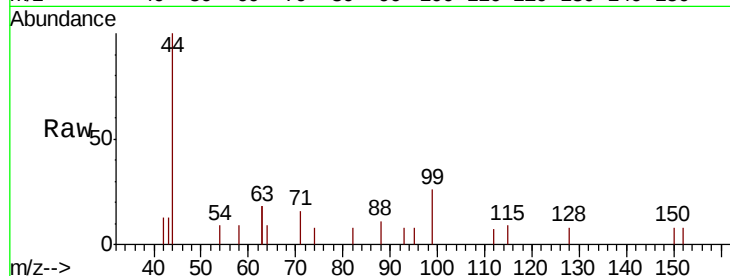
Tgt Ion: 99 Resp: 616

Ion Ratio Lower Upper

99 100

42 16.6 10.4 15.6#

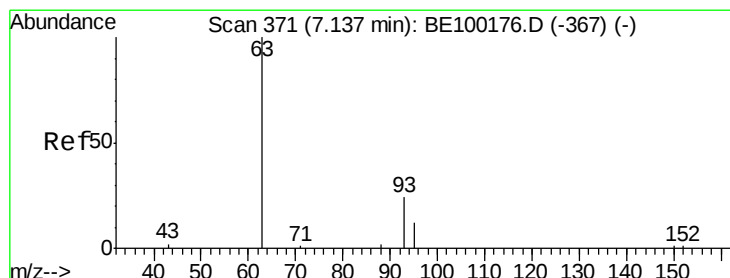
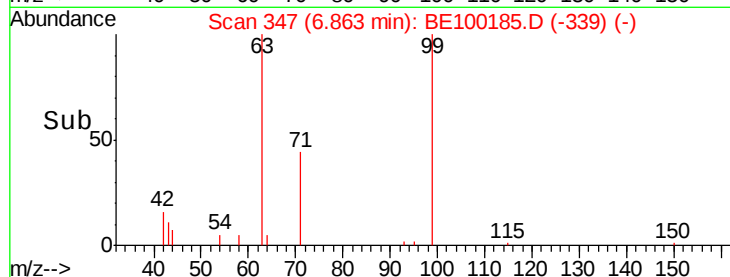
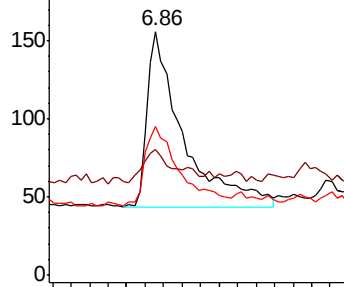
71 43.8 32.4 48.6



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: 0.296 ng

RT: 7.10 min Scan# 368

Delta R.T. -0.03 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

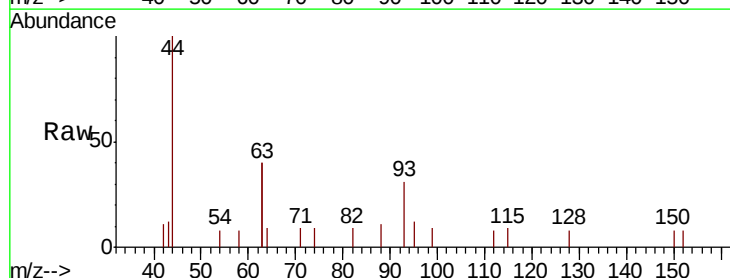
Tgt Ion: 93 Resp: 413

Ion Ratio Lower Upper

93 100

63 229.5 0.0 0.0#

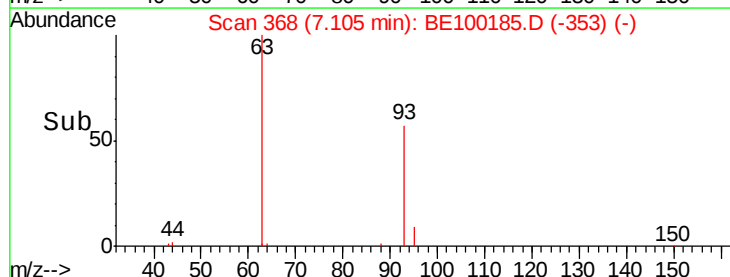
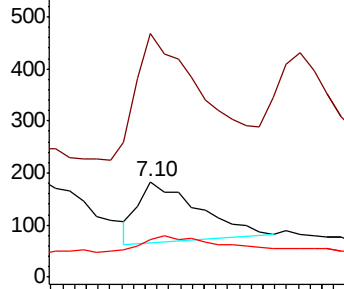
95 39.5 21.0 31.6#

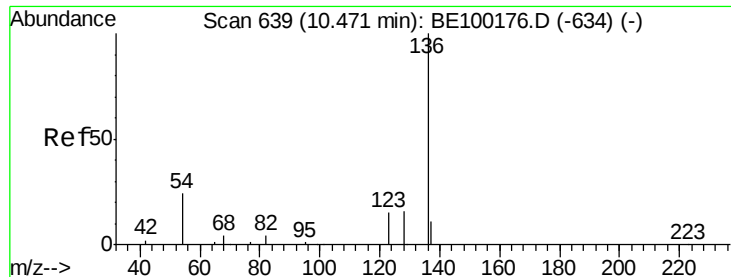


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.47 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 1718

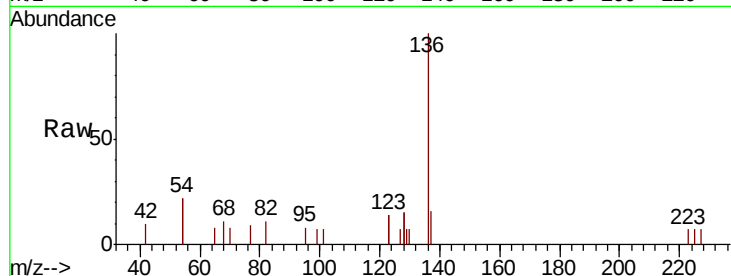
Ion Ratio Lower Upper

136 100

137 16.3 13.8 20.8

54 44.5 35.4 53.2

68 10.9 8.8 13.2

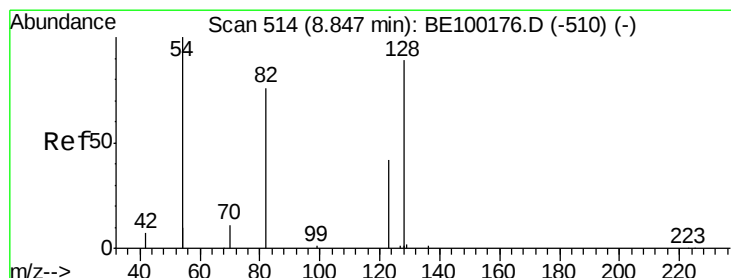
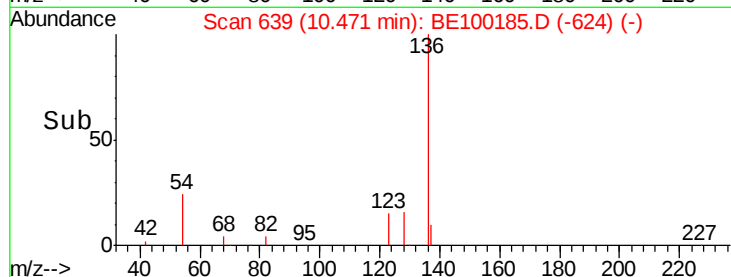
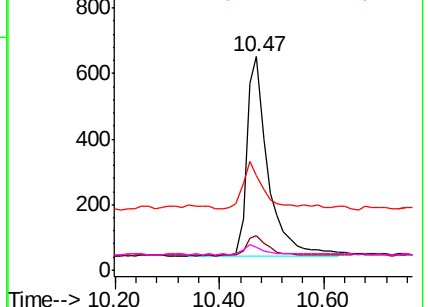


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.369 ng

RT: 8.85 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

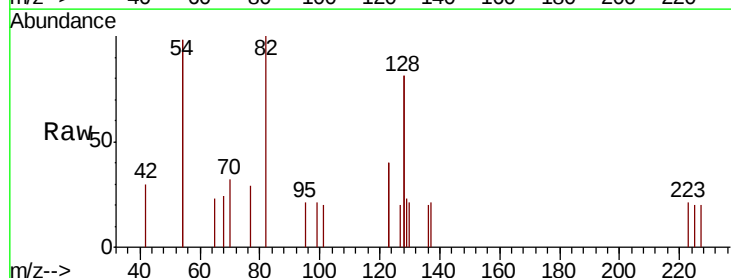
Tgt Ion: 82 Resp: 630

Ion Ratio Lower Upper

82 100

128 162.9 144.6 217.0

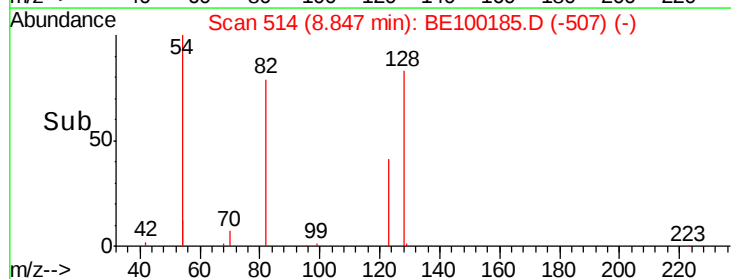
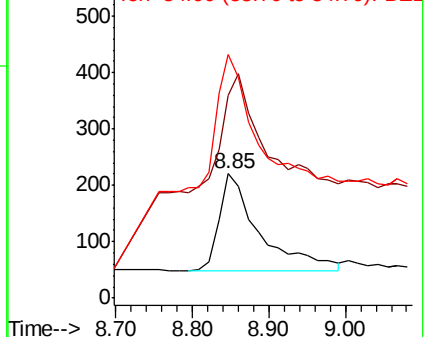
54 195.5 163.0 244.6

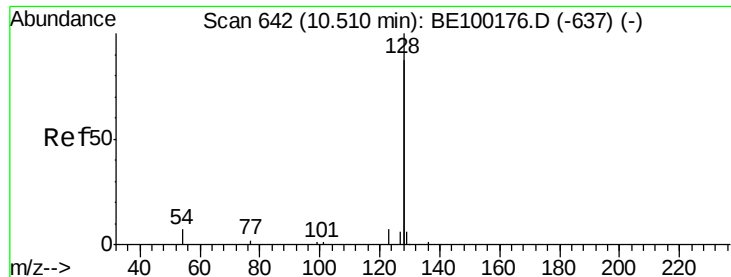


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

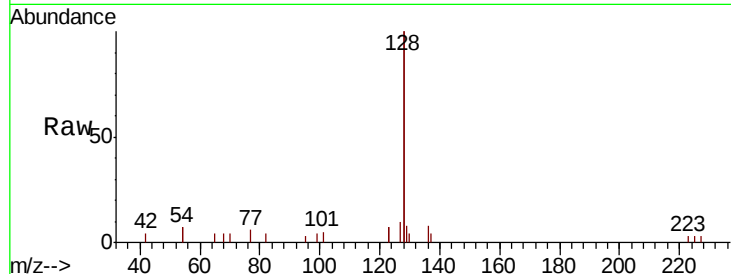




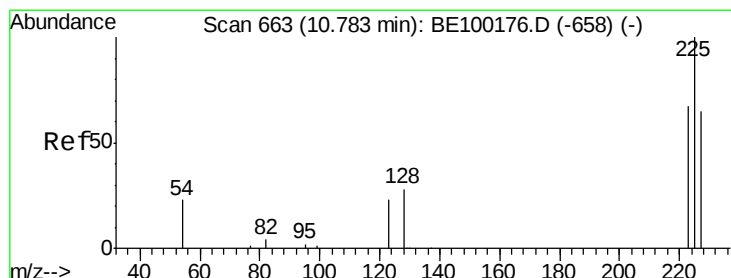
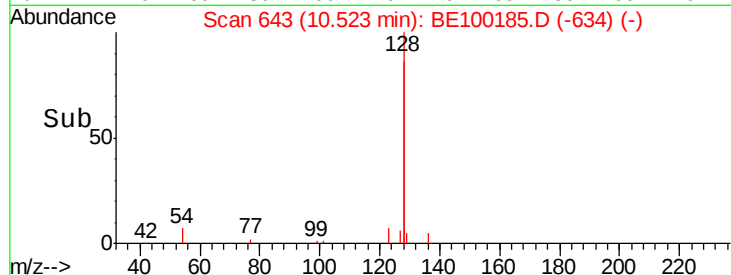
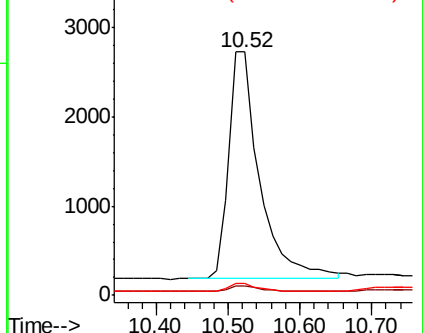
#9  
Naphthalene  
Concen: 0.408 ng  
RT: 10.52 min Scan# 643  
Delta R.T. 0.01 min  
Lab File: BE100185.D  
Acq: 25 Jun 2019 18:32

Instrument :  
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SSTDCCC0.4EC

Tgt Ion:128 Resp: 7642  
Ion Ratio Lower Upper  
128 100  
129 4.1 3.6 5.4  
127 4.8 3.8 5.8

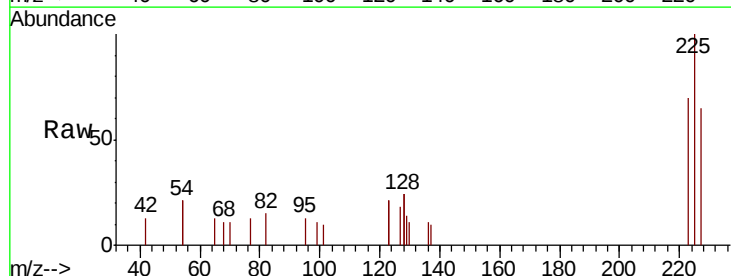


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

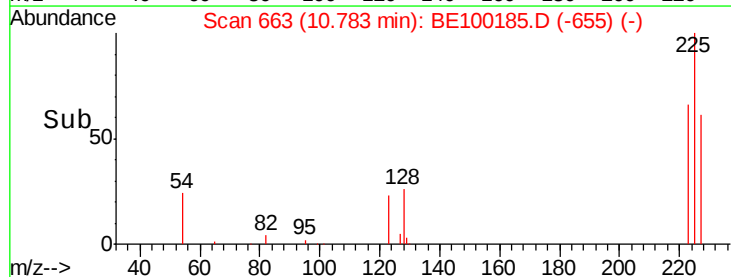
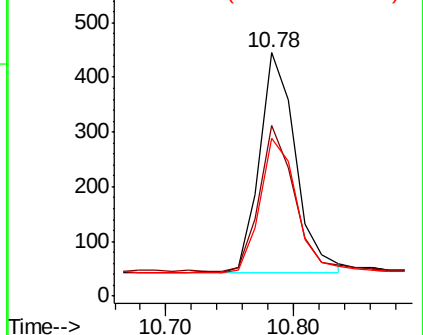


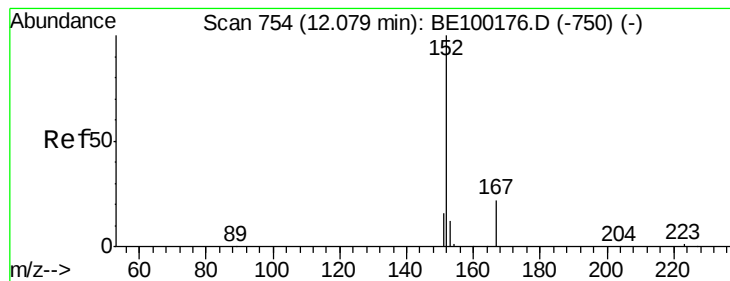
#10  
Hexachlorobutadiene  
Concen: 0.408 ng  
RT: 10.78 min Scan# 663  
Delta R.T. -0.00 min  
Lab File: BE100185.D  
Acq: 25 Jun 2019 18:32

Tgt Ion:225 Resp: 789  
Ion Ratio Lower Upper  
225 100  
223 64.8 50.1 75.1  
227 62.0 50.9 76.3



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: 0.395 ng

RT: 12.08 min Scan# 754

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

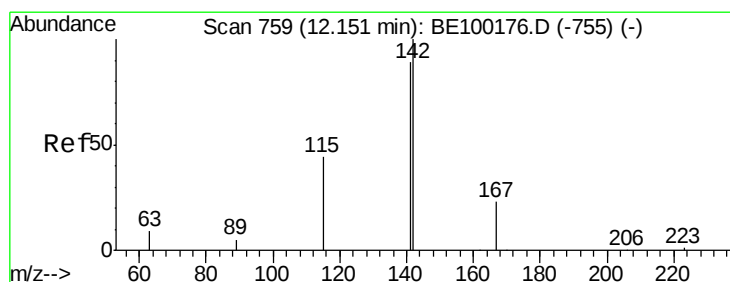
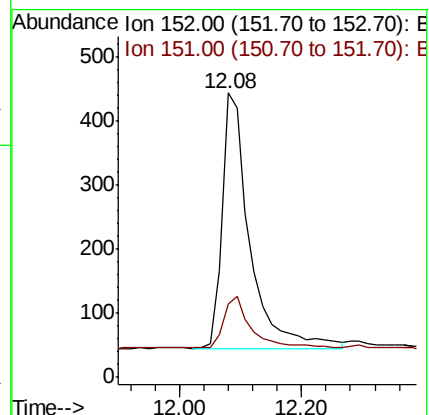
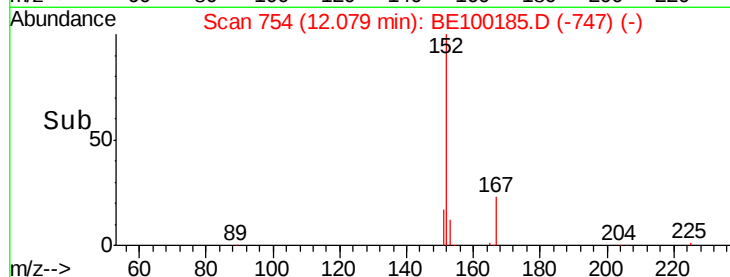
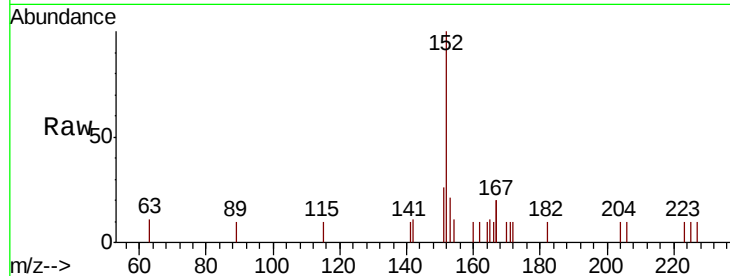
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1272

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 12.17 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

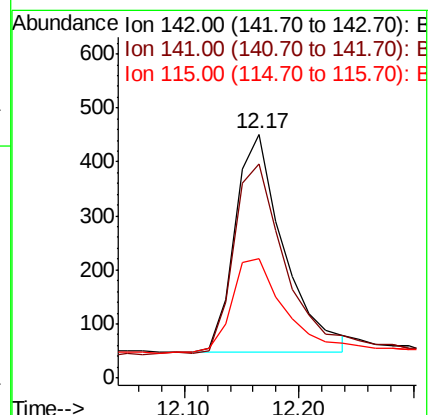
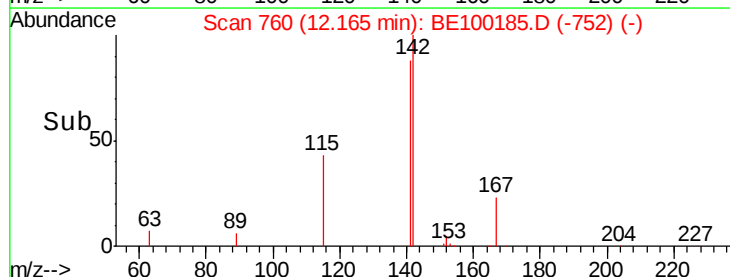
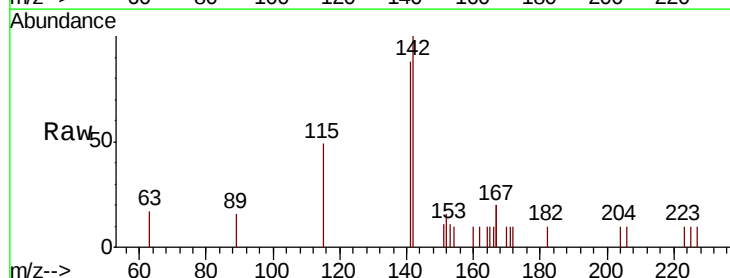
Tgt Ion:142 Resp: 1192

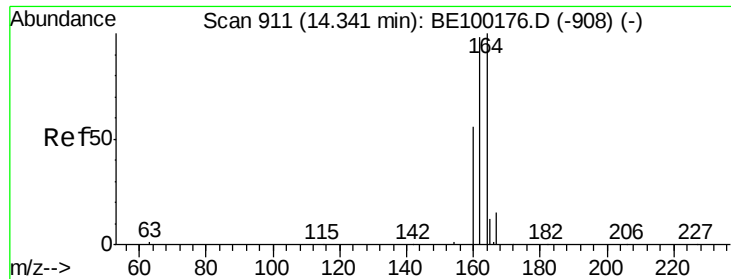
Ion Ratio Lower Upper

142 100

141 87.8 71.8 107.8

115 48.8 40.4 60.6

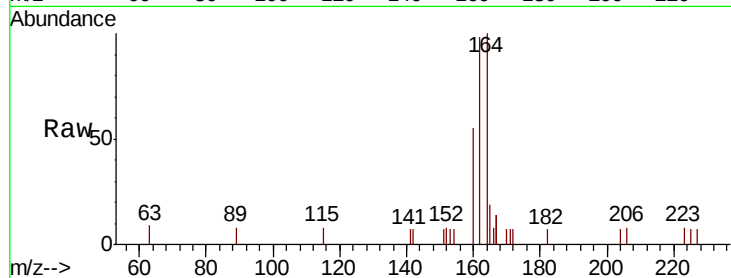




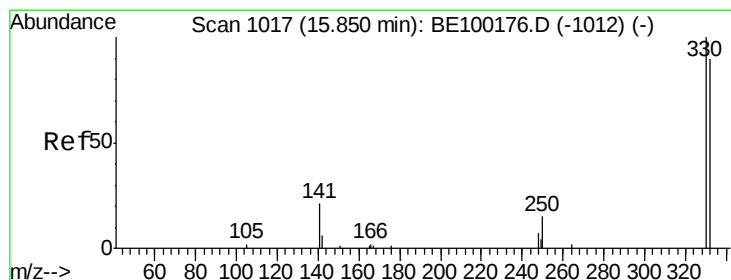
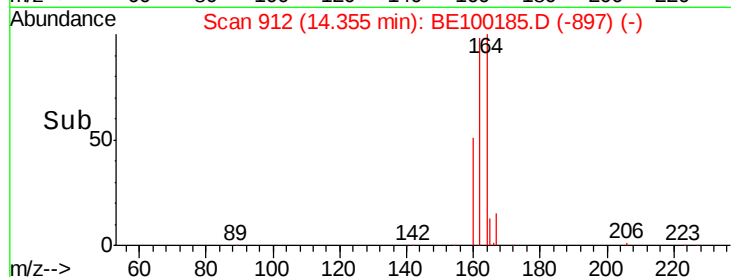
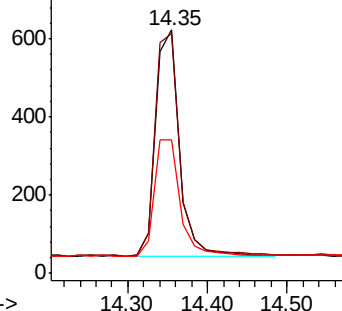
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.35 min Scan# 912  
Delta R.T. 0.01 min  
Lab File: BE100185.D  
Acq: 25 Jun 2019 18:32

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1198  
Ion Ratio Lower Upper  
164 100  
162 98.2 78.6 118.0  
160 54.6 46.9 70.3

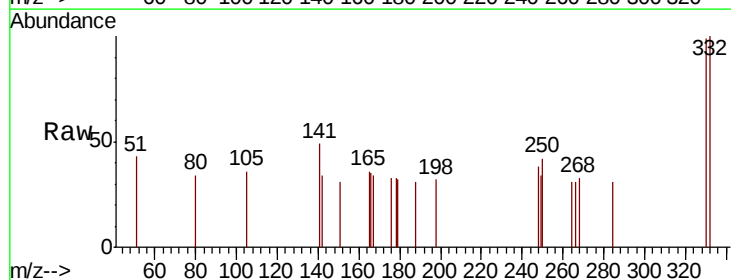


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

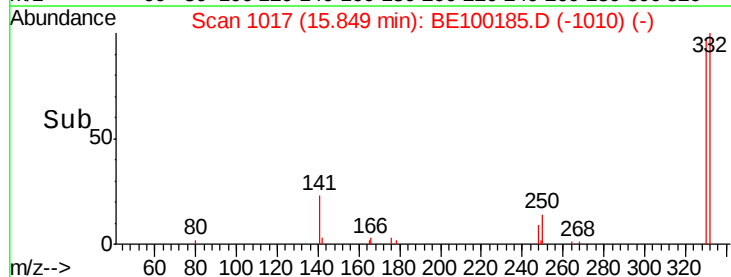
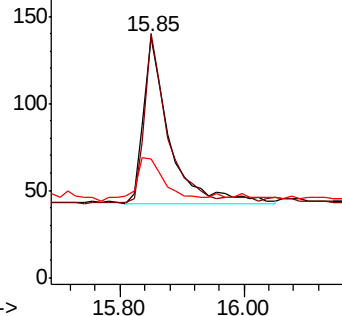


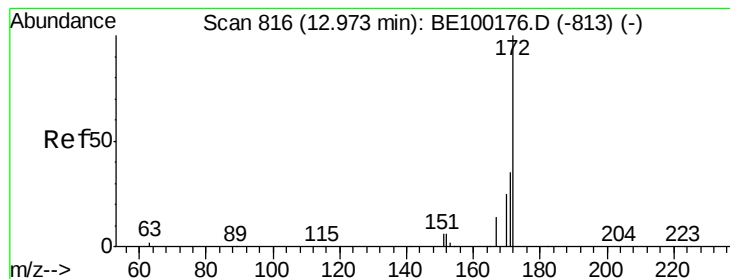
#14  
2,4,6-Tribromophenol  
Concen: 0.412 ng  
RT: 15.85 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: BE100185.D  
Acq: 25 Jun 2019 18:32

Tgt Ion:330 Resp: 286  
Ion Ratio Lower Upper  
330 100  
332 85.3 77.7 116.5  
141 21.7 18.9 28.3



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: 0.427 ng

RT: 12.99 min Scan# 817

Delta R.T. 0.01 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

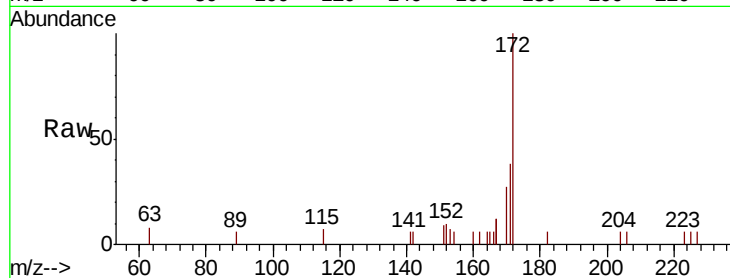
Tgt Ion:172 Resp: 2053

Ion Ratio Lower Upper

172 100

171 38.1 31.0 46.4

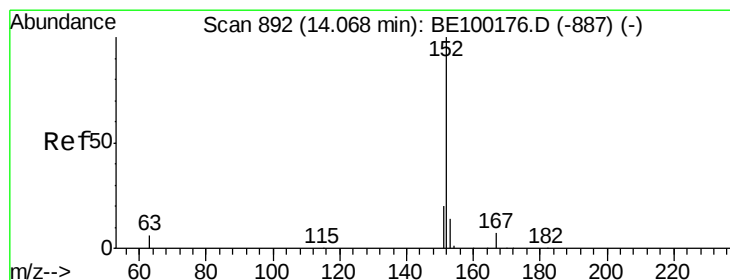
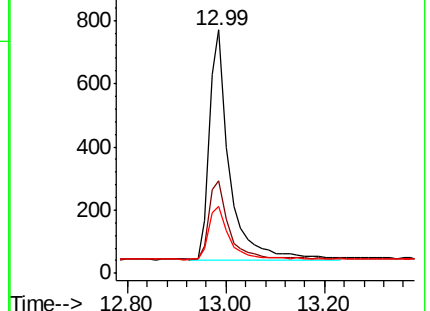
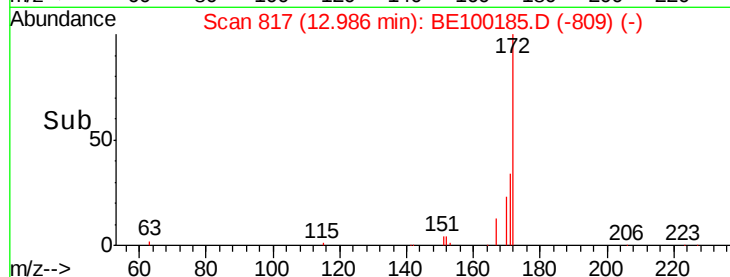
170 27.4 23.9 35.9



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: 0.415 ng

RT: 14.07 min Scan# 892

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

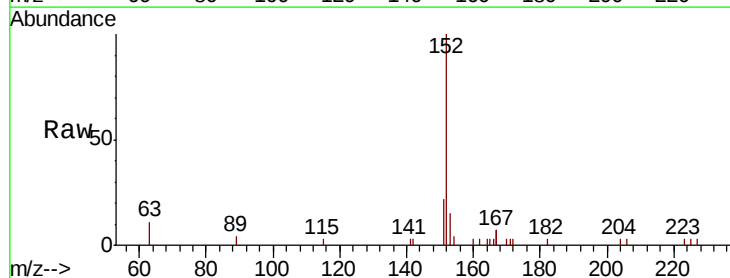
Tgt Ion:152 Resp: 2424

Ion Ratio Lower Upper

152 100

151 20.0 15.4 23.0

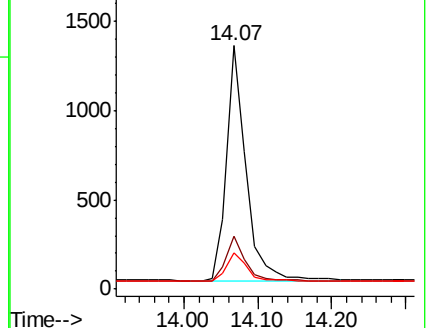
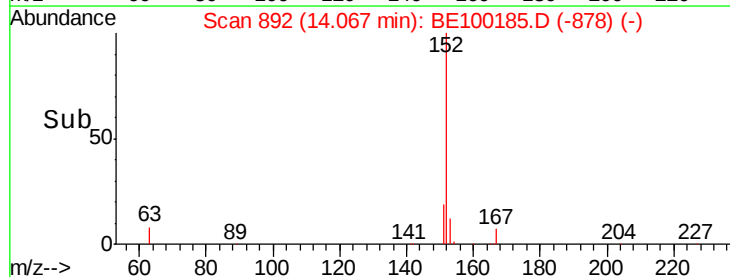
153 13.2 10.8 16.2

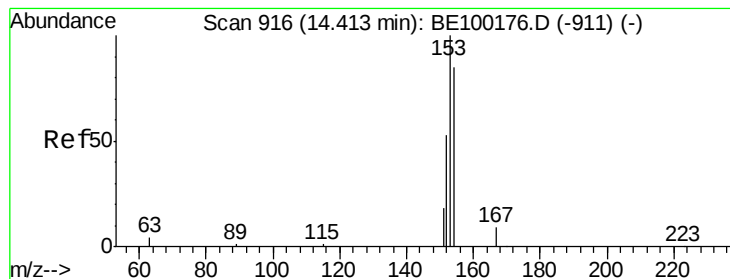


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.424 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

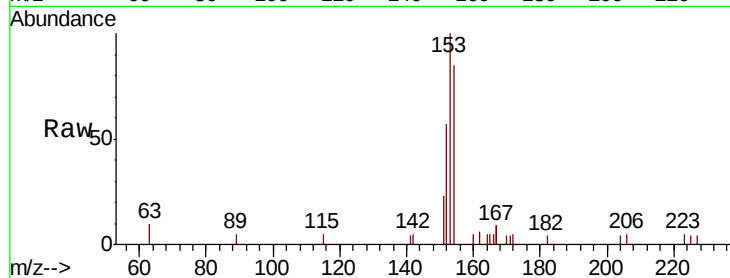
Tgt Ion:154 Resp: 1387

Ion Ratio Lower Upper

154 100

153 118.2 95.3 142.9

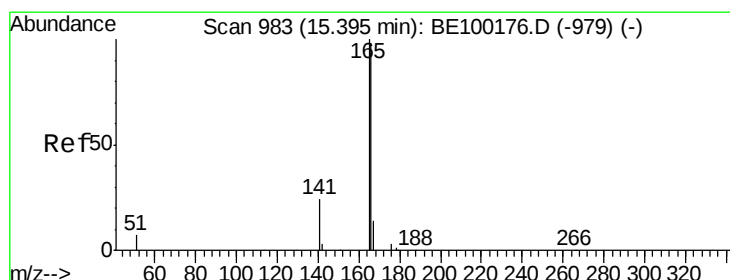
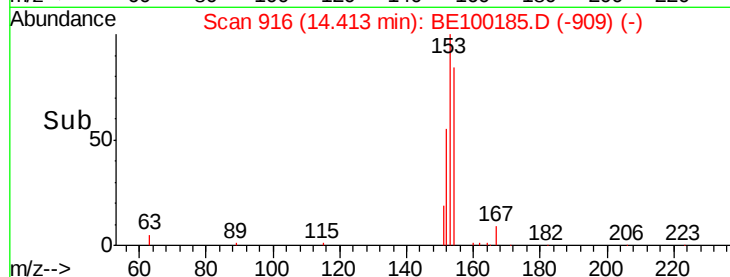
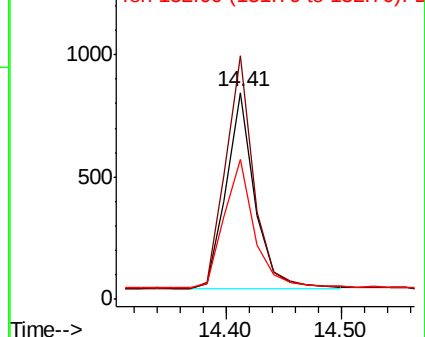
152 68.9 52.9 79.3



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: 0.428 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

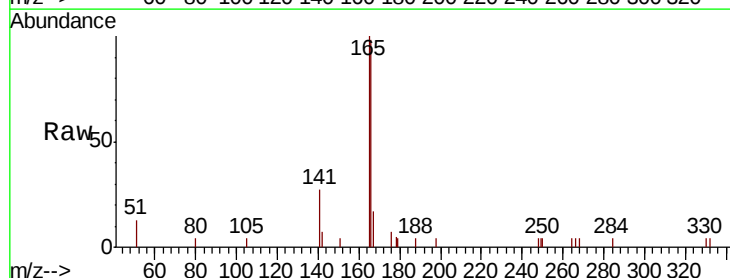
Tgt Ion:166 Resp: 2025

Ion Ratio Lower Upper

166 100

165 103.5 81.0 121.4

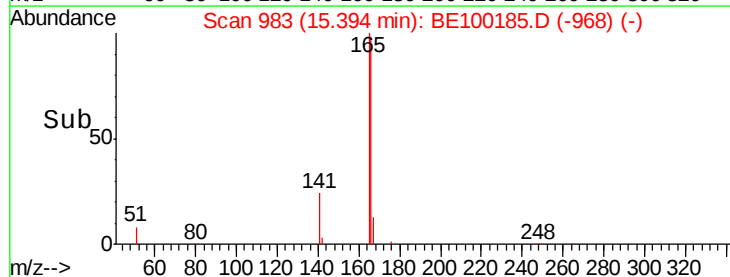
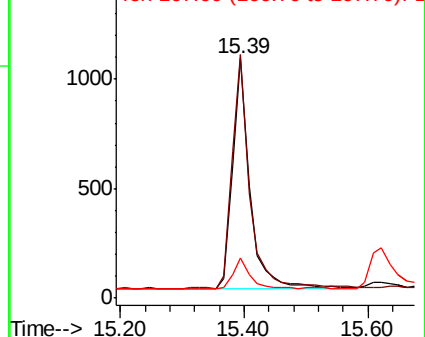
167 12.6 11.4 17.0

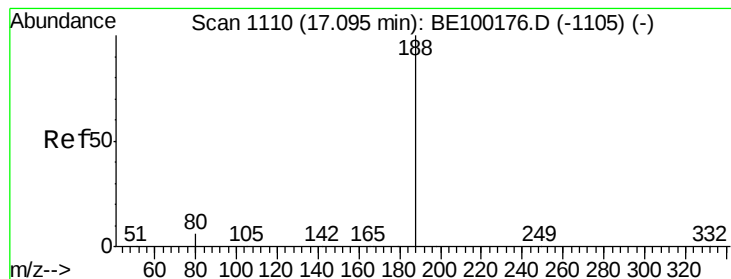


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

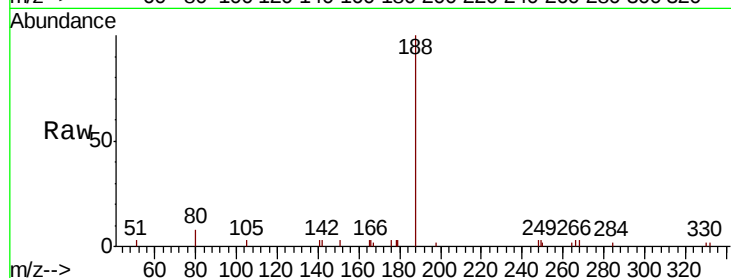
Tgt Ion:188 Resp: 3562

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

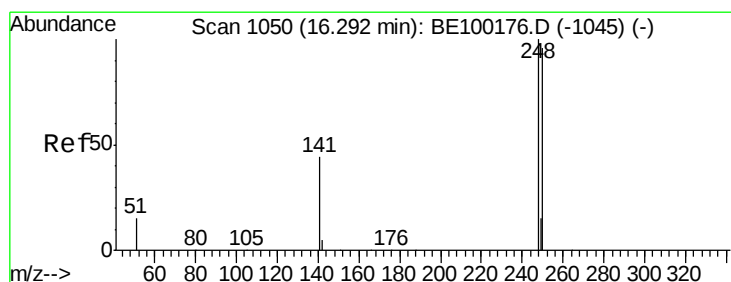
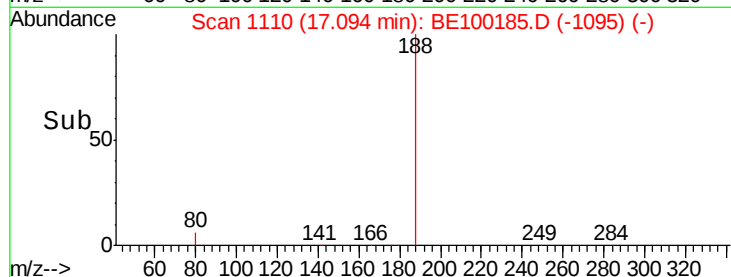
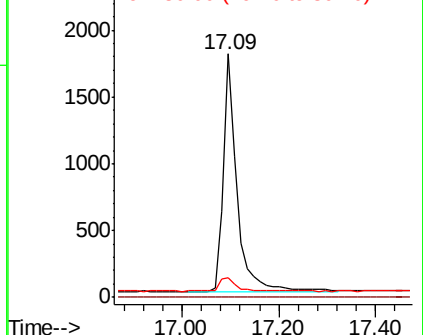
80 8.2 6.4 9.6



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: 0.427 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

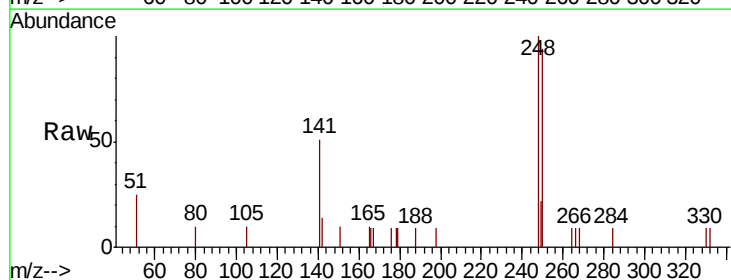
Tgt Ion:248 Resp: 944

Ion Ratio Lower Upper

248 100

250 94.1 77.1 115.7

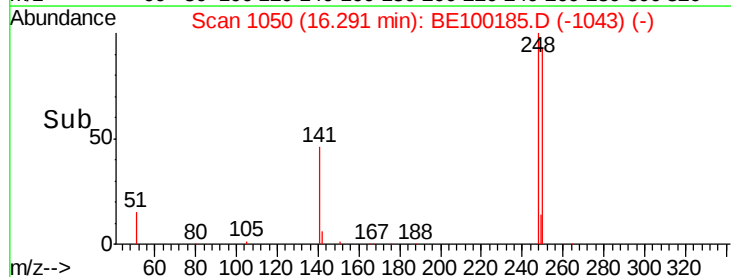
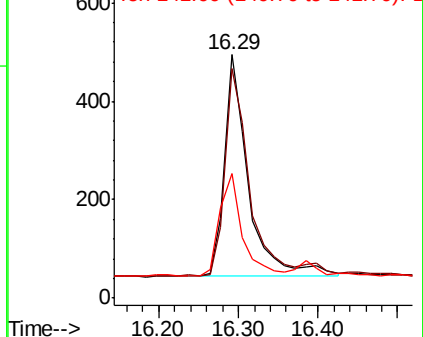
141 51.3 39.5 59.3

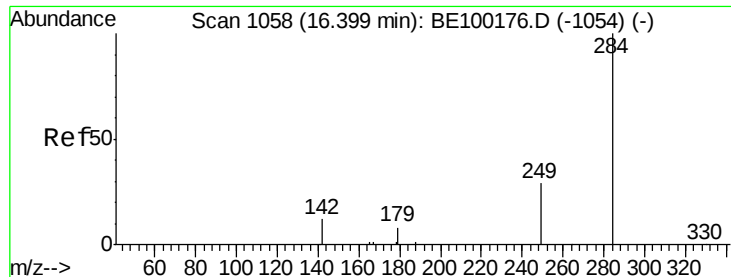


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.436 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

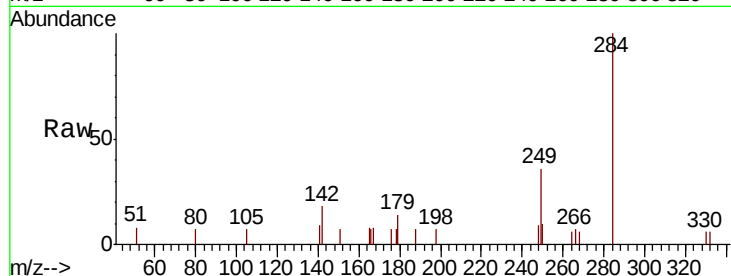
Tgt Ion:284 Resp: 1058

Ion Ratio Lower Upper

284 100

142 24.1 20.1 30.1

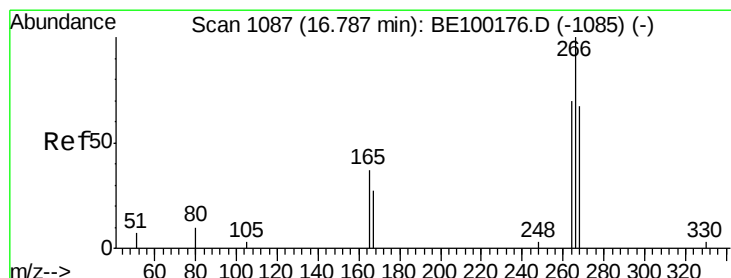
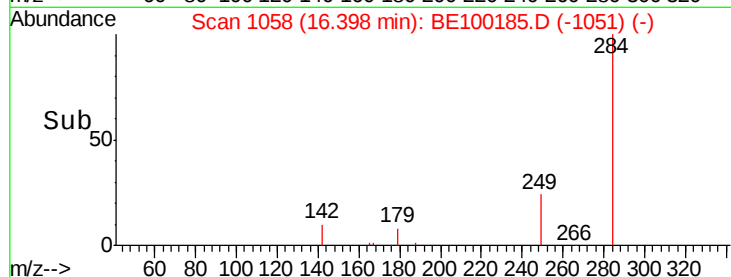
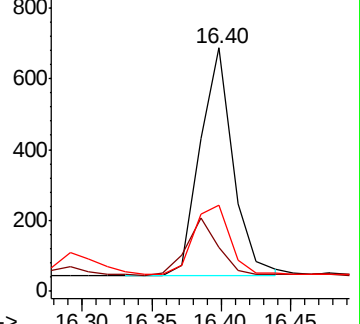
249 33.5 26.2 39.4



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: 0.584 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

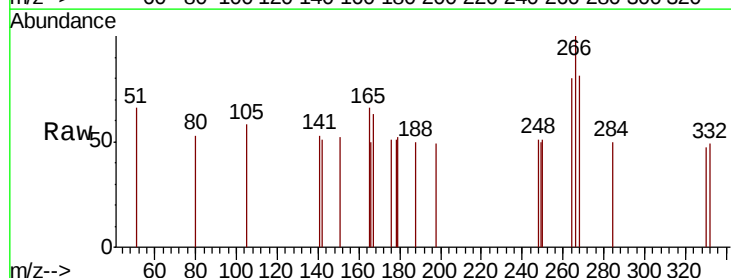
Tgt Ion:266 Resp: 255

Ion Ratio Lower Upper

266 100

264 80.0 67.7 101.5

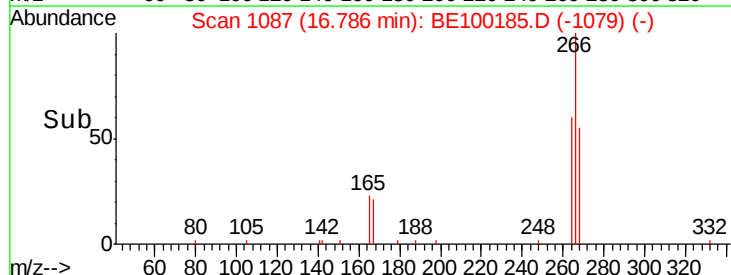
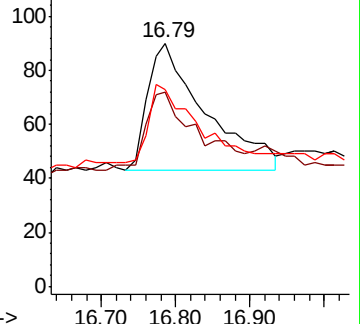
268 81.1 69.8 104.6

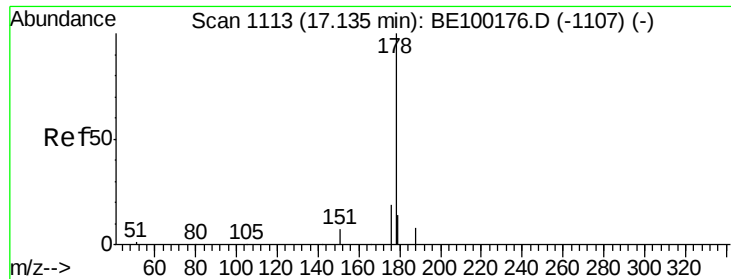


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.434 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

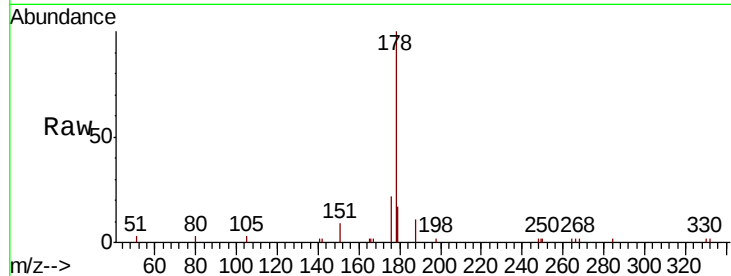
Tgt Ion:178 Resp: 3662

Ion Ratio Lower Upper

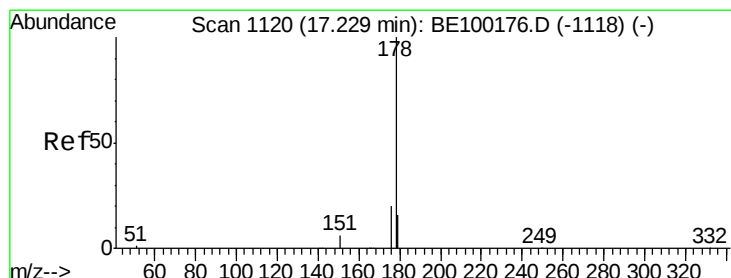
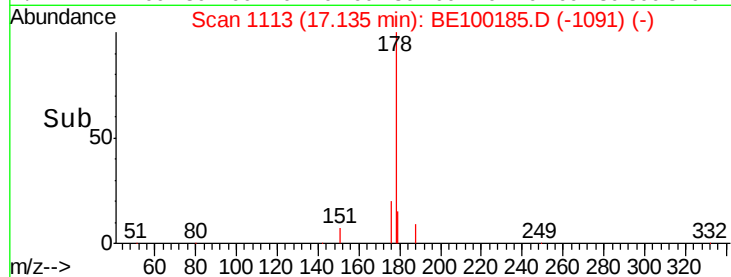
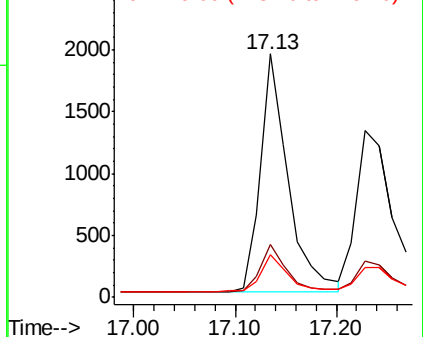
178 100

176 19.5 15.5 23.3

179 15.4 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: 0.415 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

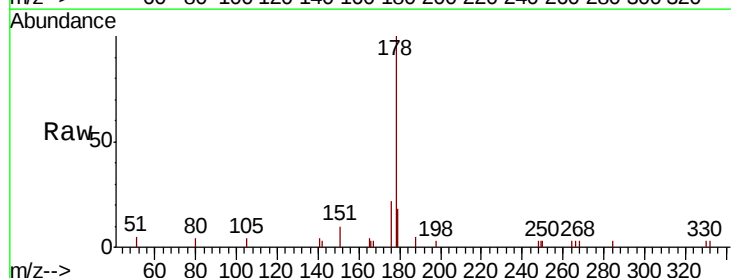
Tgt Ion:178 Resp: 2958

Ion Ratio Lower Upper

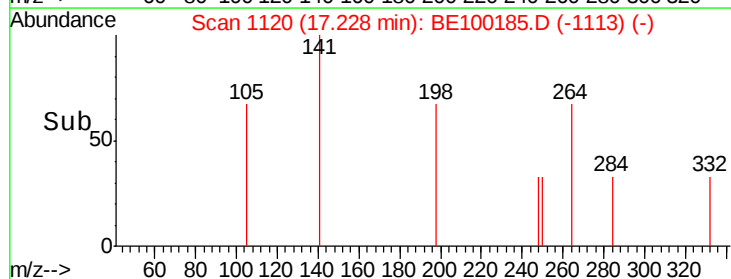
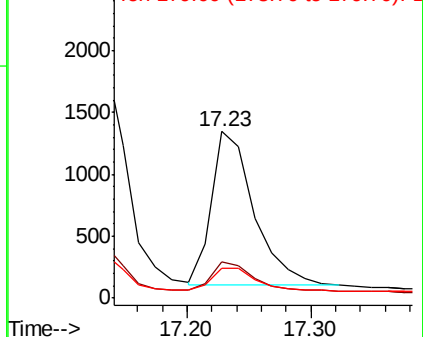
178 100

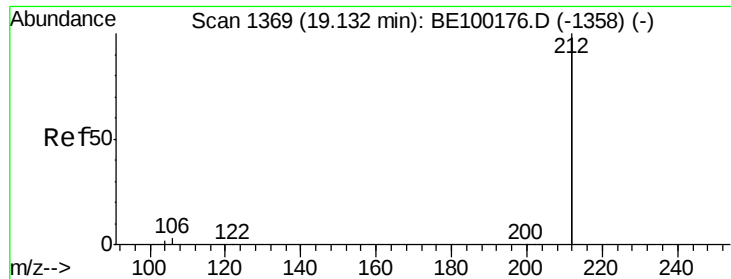
176 18.9 15.7 23.5

179 15.4 12.9 19.3



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: 0.423 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

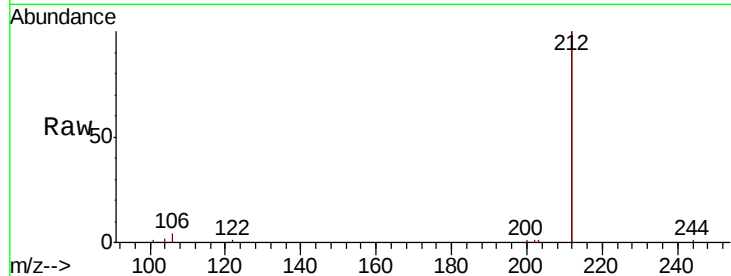
Tgt Ion:212 Resp: 21731

Ion Ratio Lower Upper

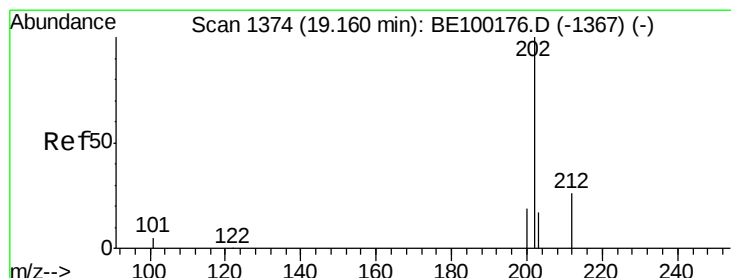
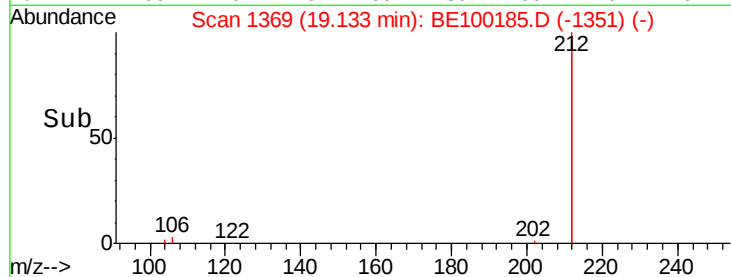
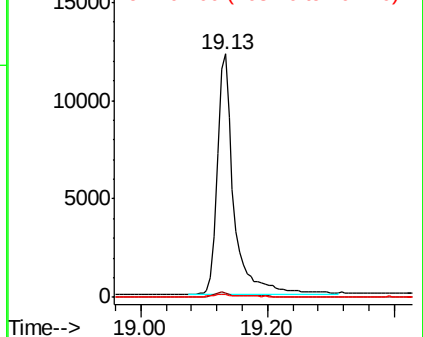
212 100

106 1.6 1.3 1.9

104 0.9 0.7 1.1



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: 0.430 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

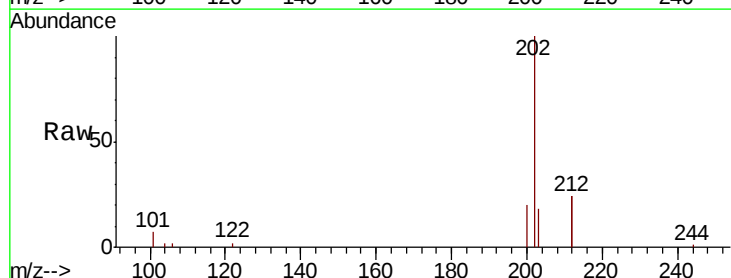
Tgt Ion:202 Resp: 5897

Ion Ratio Lower Upper

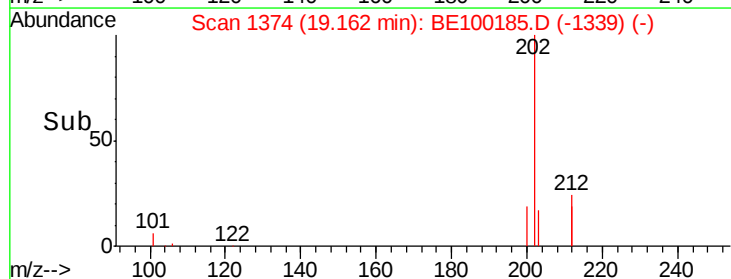
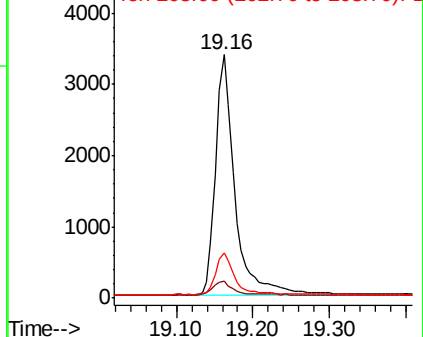
202 100

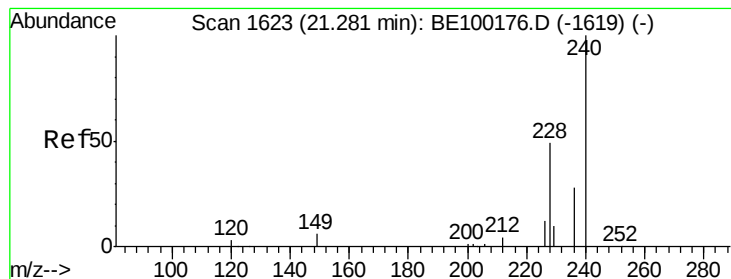
101 5.9 4.5 6.7

203 16.7 13.7 20.5



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

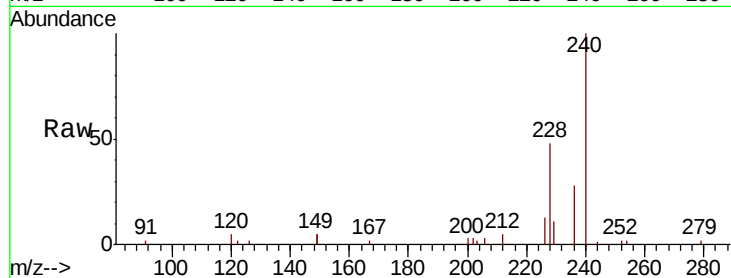
Tgt Ion:240 Resp: 5574

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

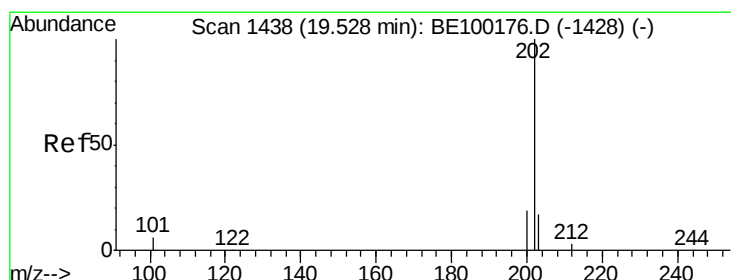
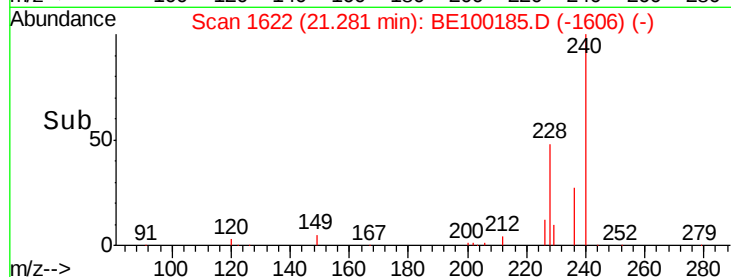
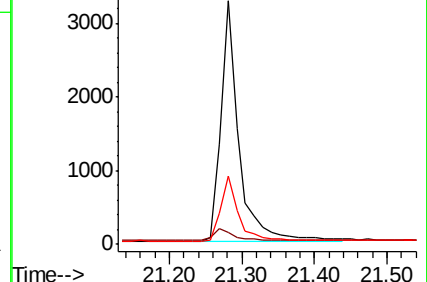
236 28.3 23.0 34.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.422 ng

RT: 19.52 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

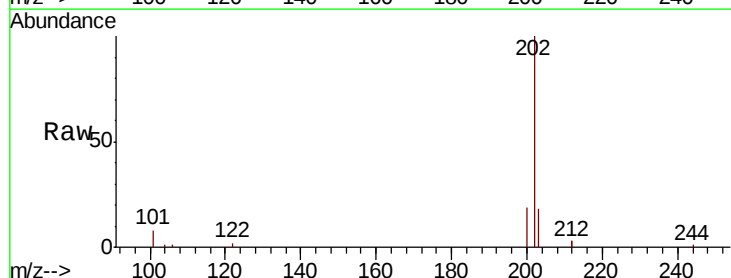
Tgt Ion:202 Resp: 6025

Ion Ratio Lower Upper

202 100

200 19.2 15.5 23.3

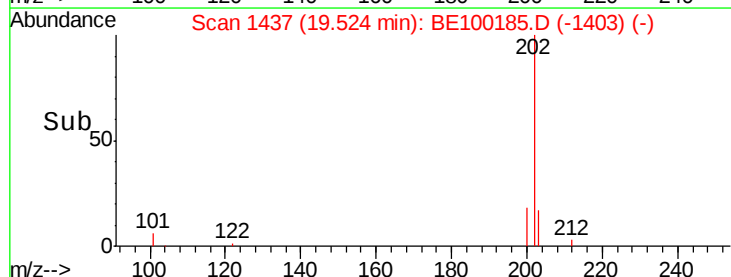
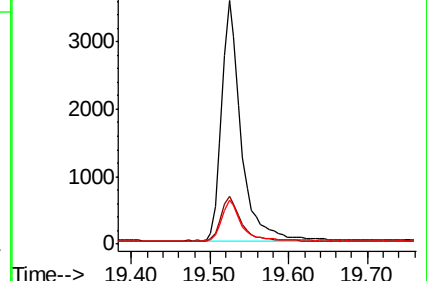
203 17.0 13.9 20.9

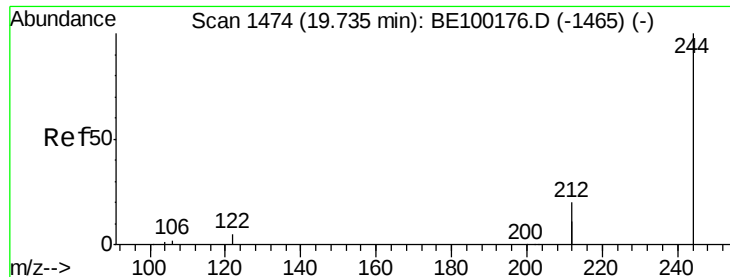


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

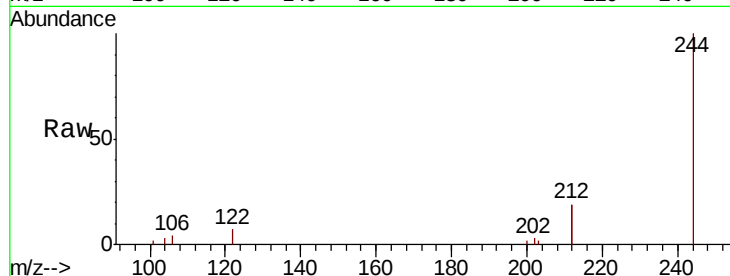
Tgt Ion:244 Resp: 4499

Ion Ratio Lower Upper

244 100

212 37.9 30.7 46.1

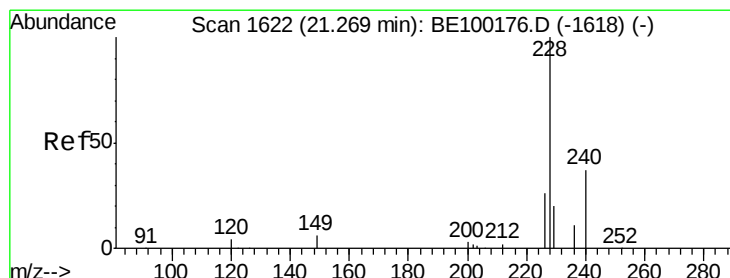
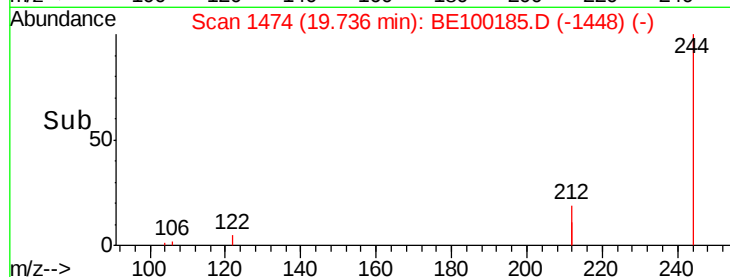
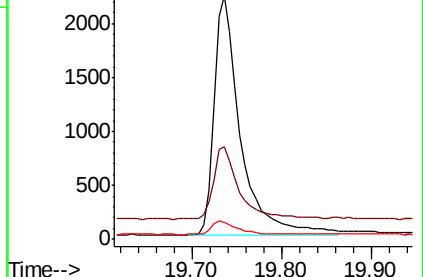
122 7.0 5.8 8.6



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: 0.427 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

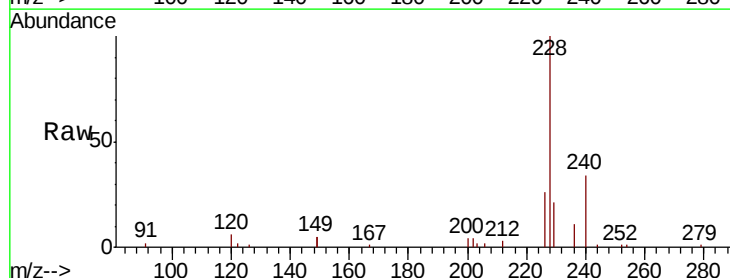
Tgt Ion:228 Resp: 7025

Ion Ratio Lower Upper

228 100

226 26.2 21.5 32.3

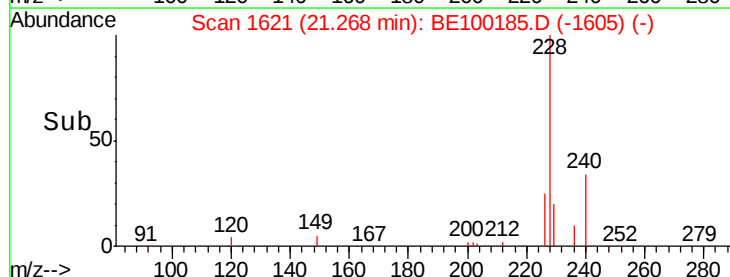
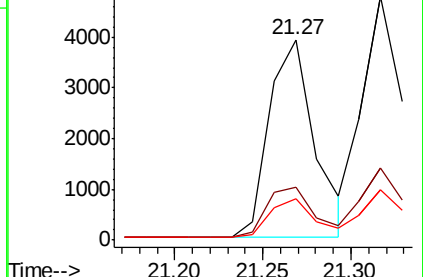
229 20.9 17.2 25.8

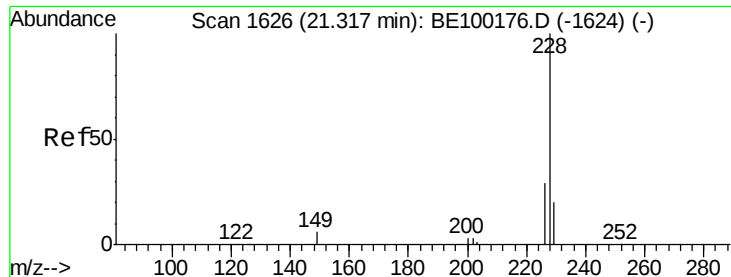


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.424 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

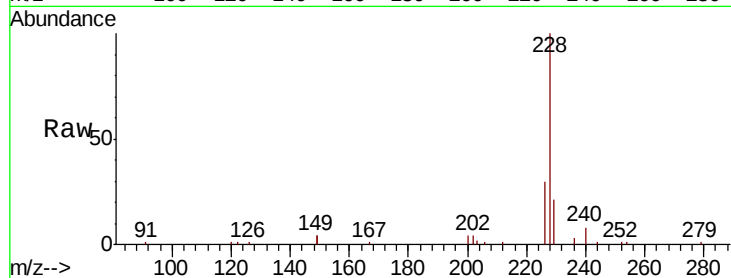
Tgt Ion:228 Resp: 8169

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

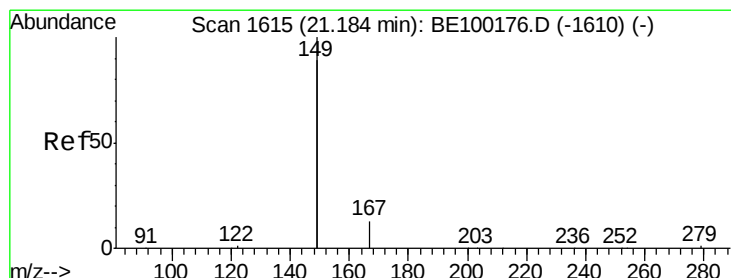
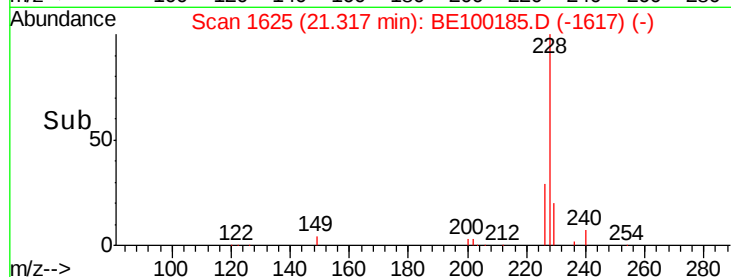
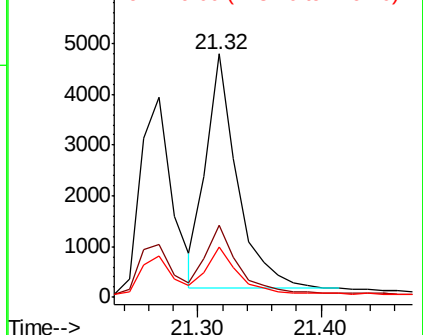
229 20.6 16.5 24.7



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: 0.371 ng

RT: 21.18 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

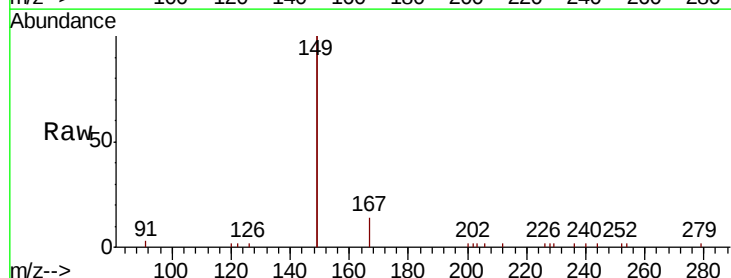
Tgt Ion:149 Resp: 7015

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

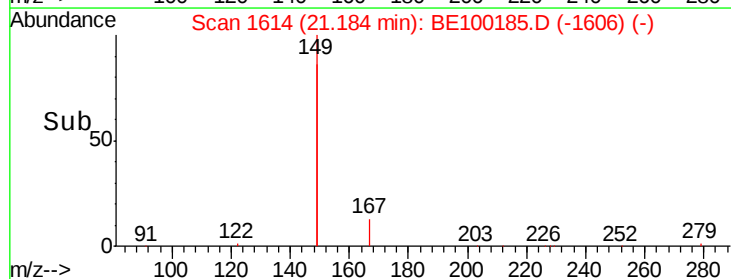
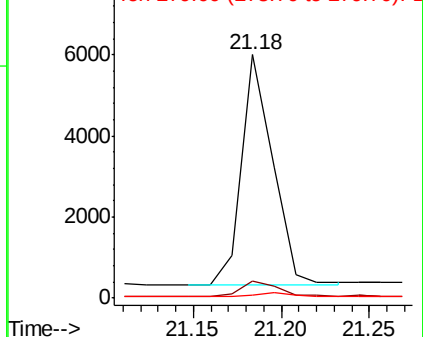
279 1.5 1.0 1.6

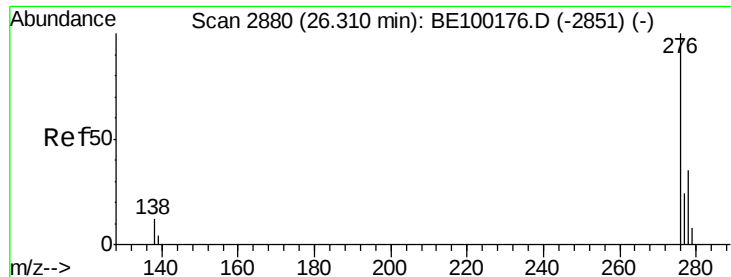


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.465 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

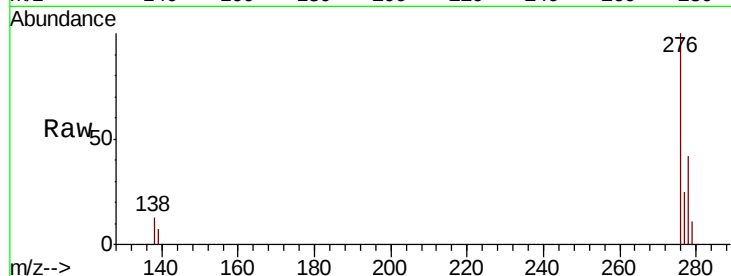
Tgt Ion:276 Resp: 12747

Ion Ratio Lower Upper

276 100

138 5.3 3.7 5.5

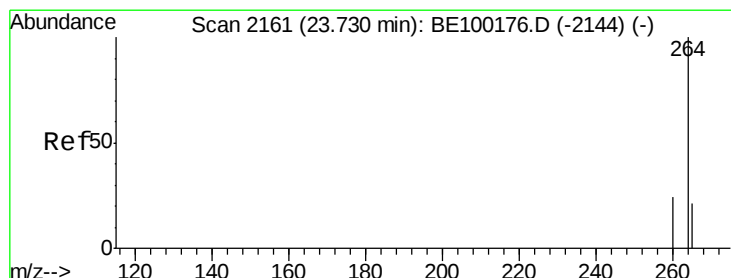
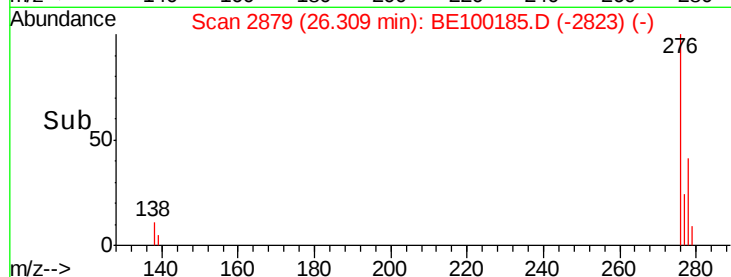
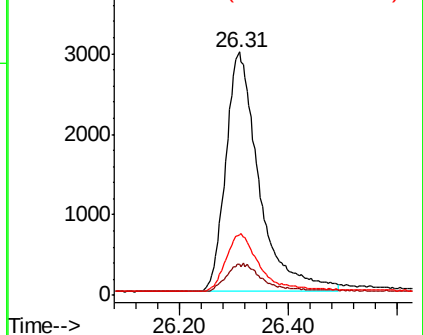
277 24.0 18.7 28.1



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: 23.73 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

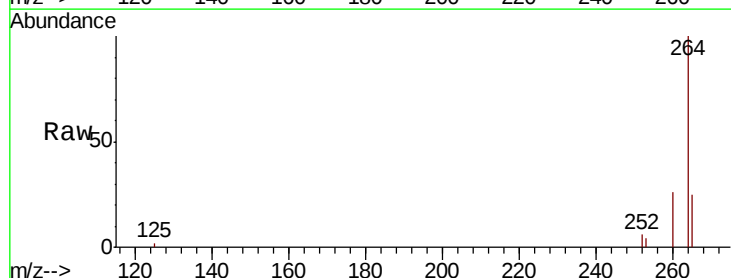
Tgt Ion:264 Resp: 7898

Ion Ratio Lower Upper

264 100

260 26.2 20.4 30.6

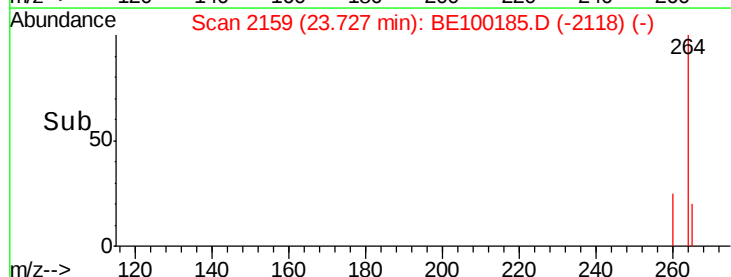
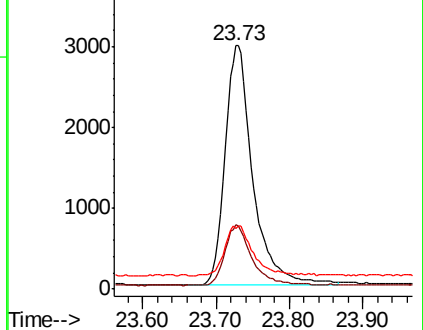
265 25.1 22.5 33.7

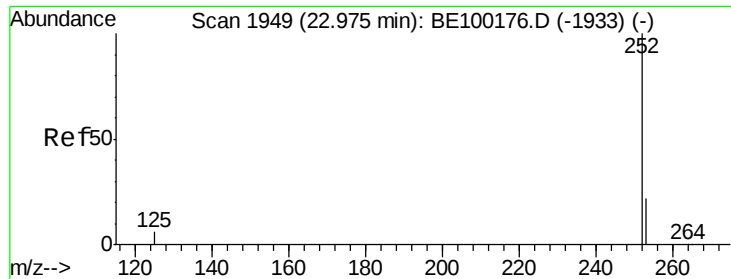


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.433 ng

RT: 22.98 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

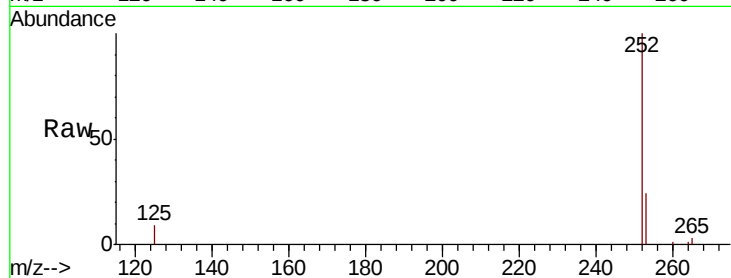
Tgt Ion:252 Resp: 9201

Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.4

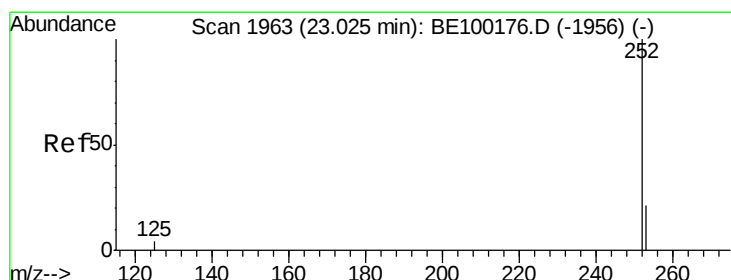
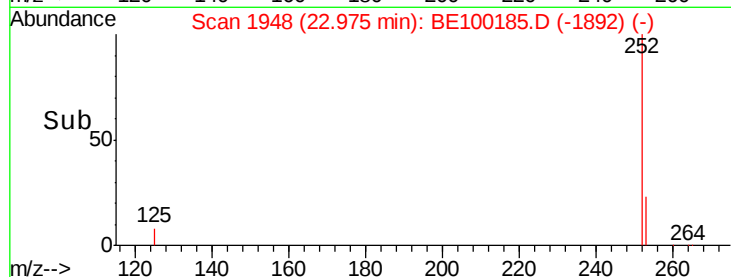
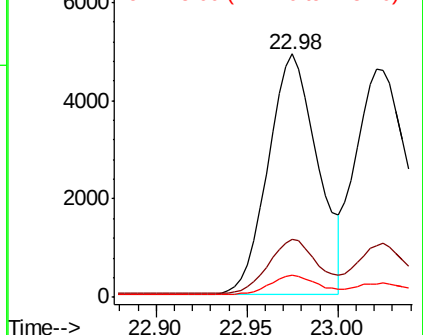
125 9.1 6.3 9.5



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: 0.402 ng

RT: 23.02 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

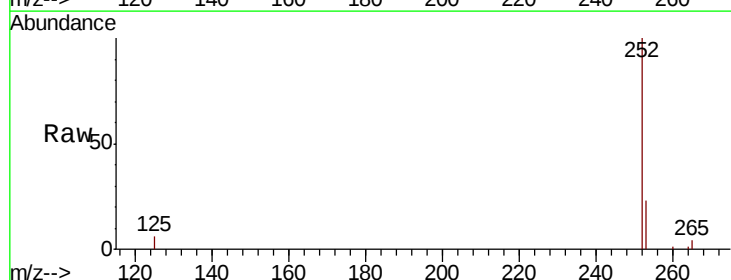
Tgt Ion:252 Resp: 10228

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

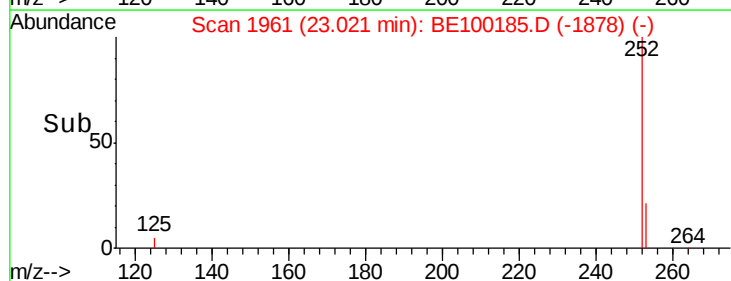
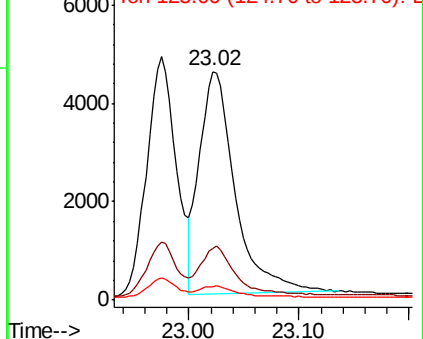
125 6.0 5.0 7.4

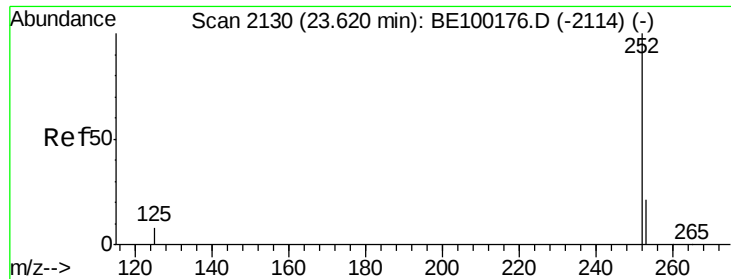


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.434 ng

RT: 23.62 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC

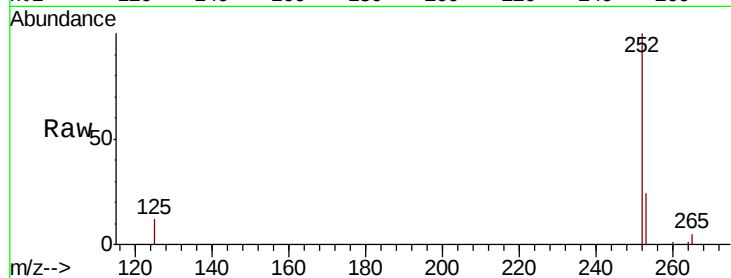
Tgt Ion:252 Resp: 9560

Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

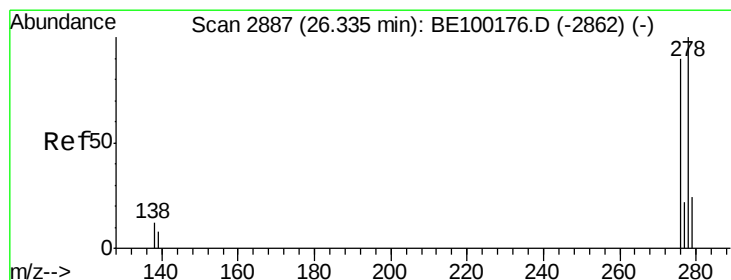
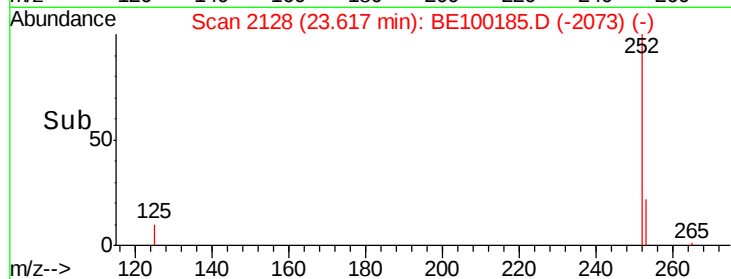
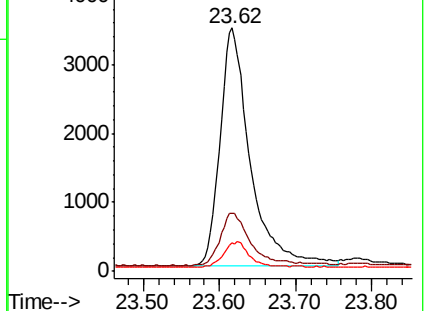
125 11.5 8.2 12.2



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: 0.419 ng

RT: 26.34 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BE100185.D

Acq: 25 Jun 2019 18:32

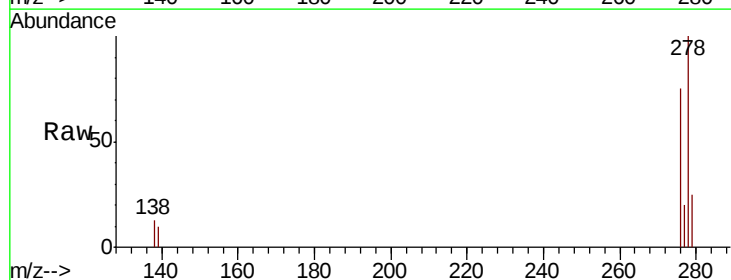
Tgt Ion:278 Resp: 9860

Ion Ratio Lower Upper

278 100

139 10.4 9.0 13.4

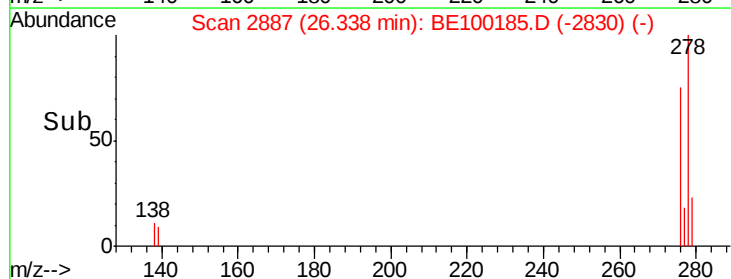
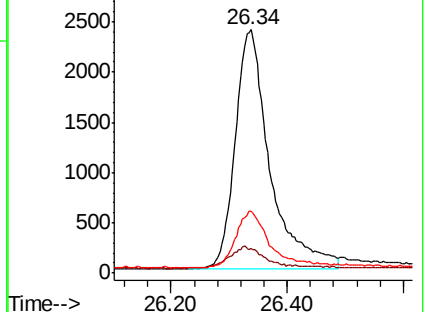
279 25.2 21.1 31.7

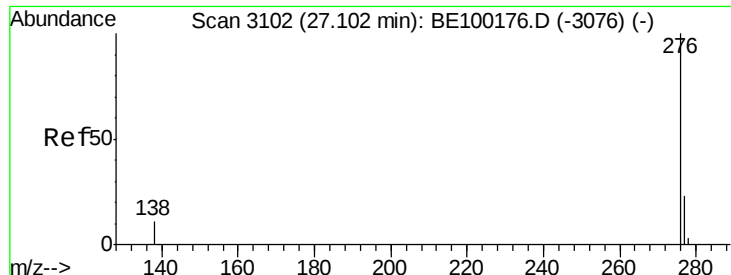


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.416 ng

RT: 27.10 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BE100185.D

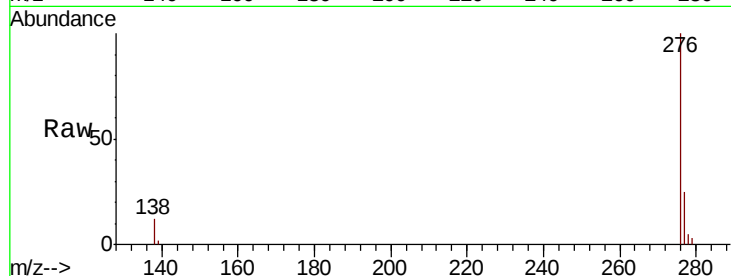
Acq: 25 Jun 2019 18:32

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 10234

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 12.0 10.2 15.4

