

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE062019\  
 Data File : BE100113.D  
 Acq On : 20 Jun 2019 18:50  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Jun 21 01:45:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE061919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 19 15:07:24 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 468      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.54 | 136  | 1653     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.41 | 164  | 1533     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.16 | 188  | 5333     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.34 | 240  | 8059     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.83 | 264  | 9279     | 0.40 | ng    | -0.01    |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.30  | 112 | 386   | 0.40 | ng | 0.00 |
| 5) Phenol-d6                | 6.93  | 99  | 514   | 0.39 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.93  | 82  | 589   | 0.37 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.15 | 152 | 1336  | 0.42 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.92 | 330 | 381   | 0.45 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.05 | 172 | 2362  | 0.39 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.20 | 212 | 30955 | 0.41 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.80 | 244 | 6642  | 0.41 | ng | 0.00 |

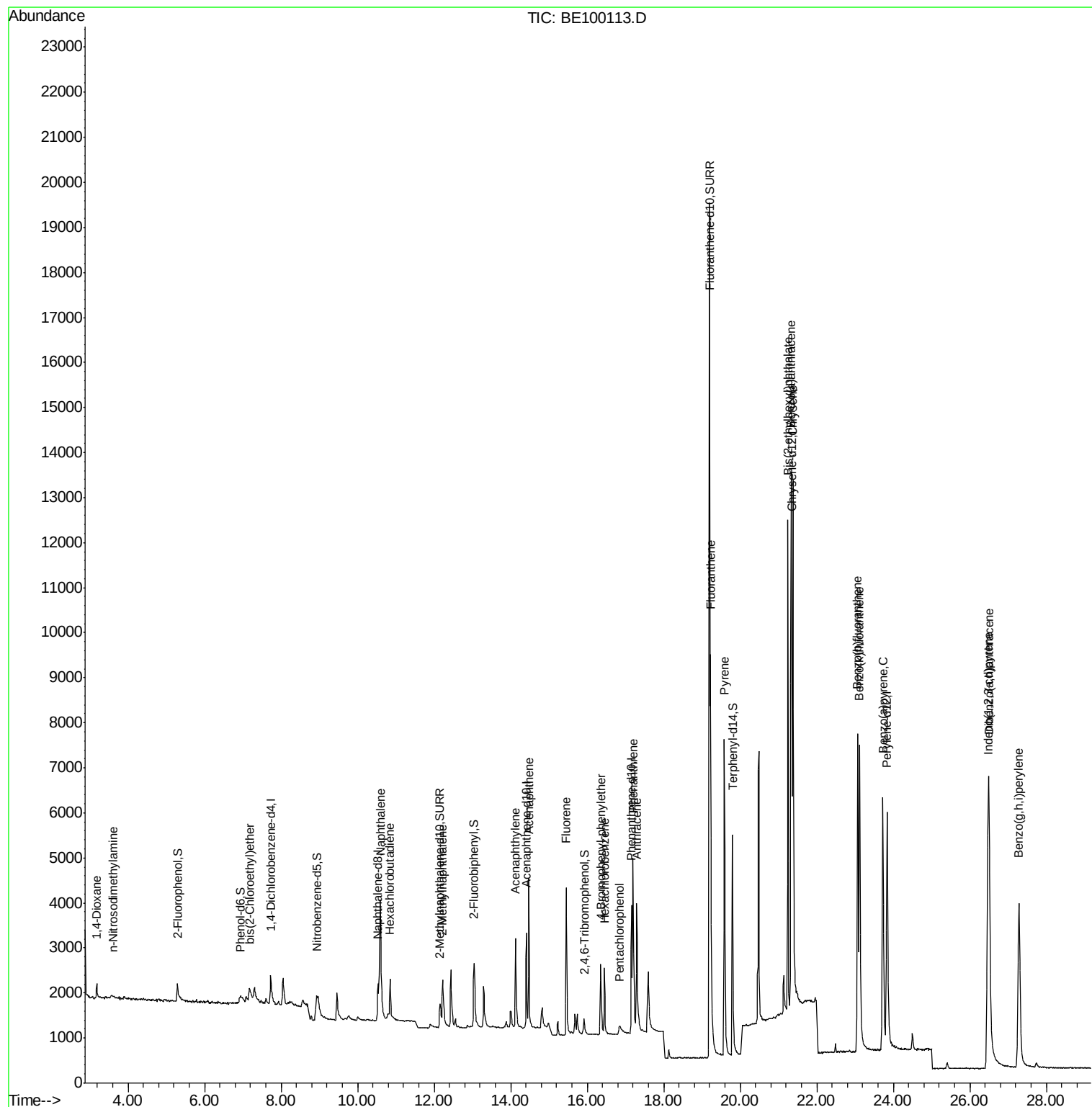
|                                |       |     |       |          |   |     |
|--------------------------------|-------|-----|-------|----------|---|-----|
| Target Compounds               |       |     |       | Qvalue   |   |     |
| 2) 1,4-Dioxane                 | 3.19  | 88  | 305   | 0.406 ng | # | 83  |
| 3) n-Nitrosodimethylamine      | 3.60  | 42  | 84    | 0.512 ng | # | 100 |
| 6) bis(2-Chloroethyl)ether     | 7.17  | 93  | 471   | 0.376 ng | # | 59  |
| 9) Naphthalene                 | 10.59 | 128 | 7367  | 0.410 ng |   | 99  |
| 10) Hexachlorobutadiene        | 10.85 | 225 | 712   | 0.403 ng |   | 97  |
| 12) 2-Methylnaphthalene        | 12.22 | 142 | 1264  | 0.428 ng |   | 94  |
| 16) Acenaphthylene             | 14.13 | 152 | 2888  | 0.397 ng |   | 99  |
| 17) Acenaphthene               | 14.47 | 154 | 1635  | 0.402 ng |   | 98  |
| 18) Fluorene                   | 15.45 | 166 | 2599  | 0.429 ng |   | 99  |
| 20) 4-Bromophenyl-phenylether  | 16.36 | 248 | 1280  | 0.404 ng | # | 91  |
| 21) Hexachlorobenzene          | 16.45 | 284 | 1333  | 0.381 ng |   | 97  |
| 22) Pentachlorophenol          | 16.84 | 266 | 329   | 0.532 ng |   | 89  |
| 23) Phenanthrene               | 17.20 | 178 | 4914  | 0.385 ng |   | 98  |
| 24) Anthracene                 | 17.29 | 178 | 4240  | 0.394 ng |   | 98  |
| 26) Fluoranthene               | 19.22 | 202 | 8268  | 0.403 ng |   | 100 |
| 28) Pyrene                     | 19.59 | 202 | 8651  | 0.418 ng |   | 100 |
| 30) Benzo(a)anthracene         | 21.33 | 228 | 10107 | 0.422 ng |   | 98  |
| 31) Chrysene                   | 21.38 | 228 | 11431 | 0.410 ng |   | 99  |
| 32) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 11729 | 0.518 ng |   | 100 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.47 | 276 | 13121 | 0.419 ng | # | 95  |
| 35) Benzo(b)fluoranthene       | 23.07 | 252 | 10366 | 0.381 ng | # | 97  |
| 36) Benzo(k)fluoranthene       | 23.12 | 252 | 11506 | 0.371 ng |   | 99  |
| 37) Benzo(a)pyrene             | 23.72 | 252 | 10567 | 0.402 ng | # | 96  |
| 38) Dibenzo(a,h)anthracene     | 26.50 | 278 | 10572 | 0.392 ng |   | 97  |
| 39) Benzo(g,h,i)perylene       | 27.28 | 276 | 10842 | 0.387 ng |   | 98  |

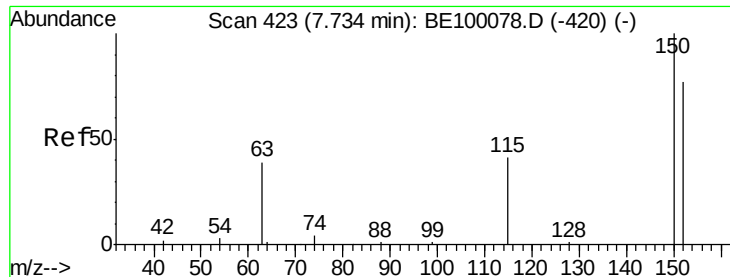
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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SSTDCCC0.4

Quant Time: Jun 21 01:45:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE061919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 19 15:07:24 2019  
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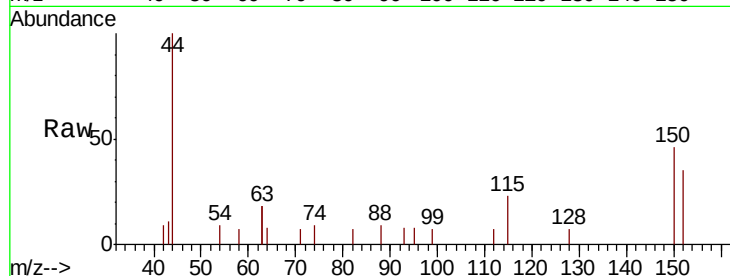


#1

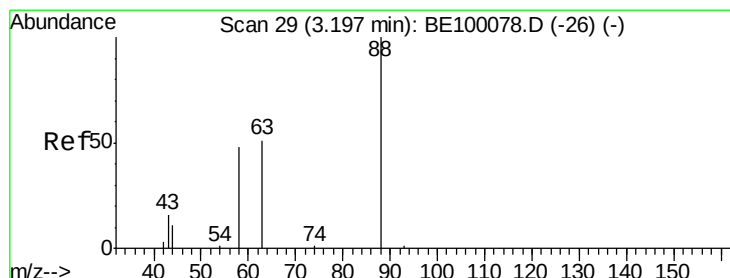
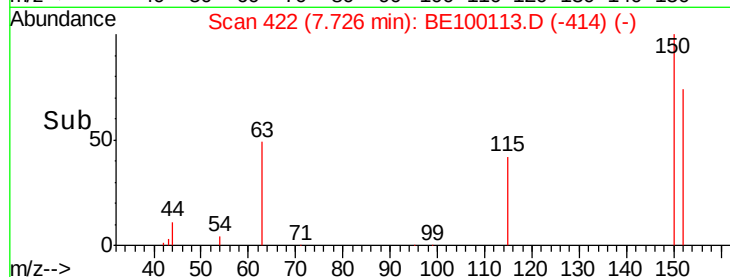
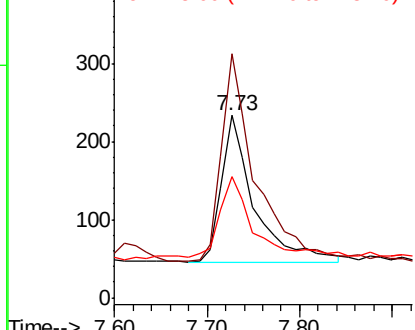
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.73 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: BE100113.D  
Acq: 20 Jun 2019 18:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 152 Resp: 468  
Ion Ratio Lower Upper  
152 100  
150 133.9 99.8 149.8  
115 66.5 51.3 76.9



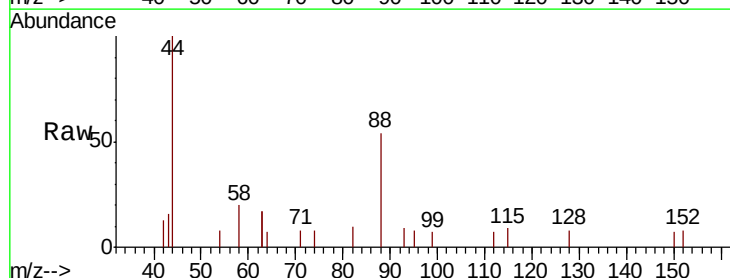
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



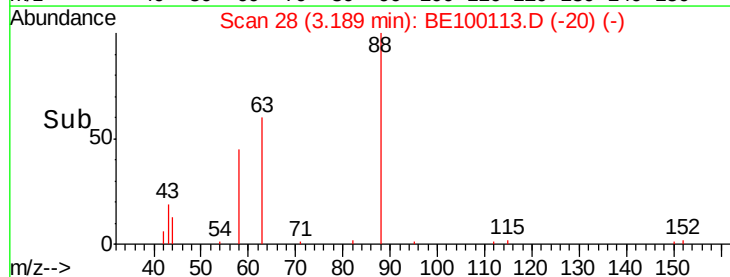
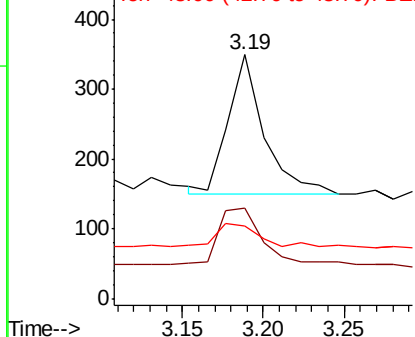
#2

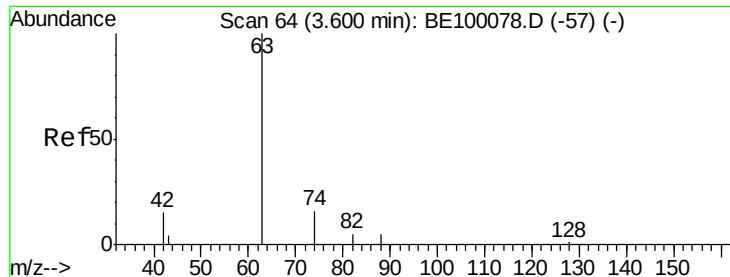
1,4-Dioxane  
Concen: 0.406 ng  
RT: 3.19 min Scan# 28  
Delta R.T. -0.01 min  
Lab File: BE100113.D  
Acq: 20 Jun 2019 18:50

Tgt Ion: 88 Resp: 305  
Ion Ratio Lower Upper  
88 100  
58 49.5 51.1 76.7#  
43 20.0 21.7 32.5#



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: 0.512 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

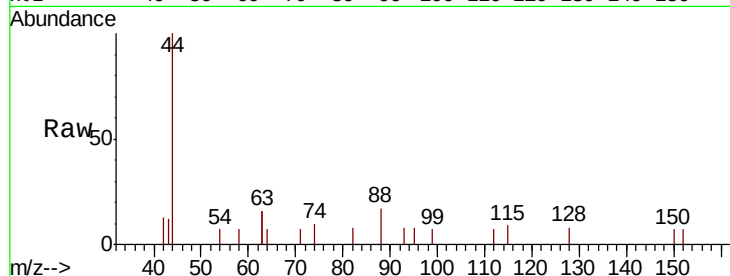
Tgt Ion: 42 Resp: 84

Ion Ratio Lower Upper

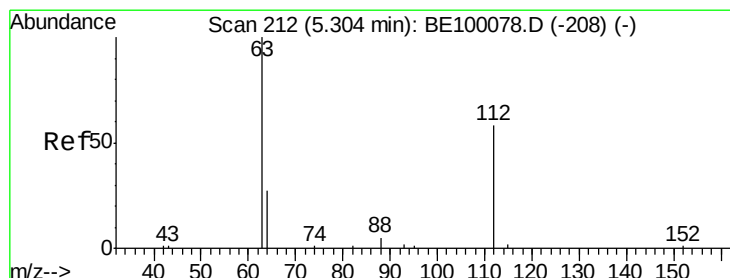
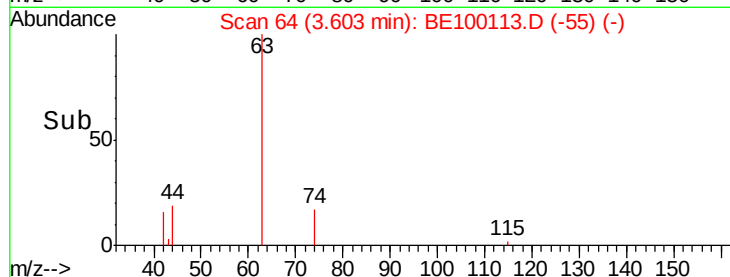
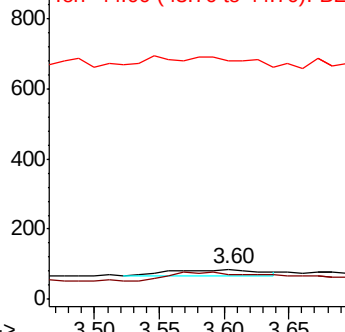
42 100

74 140.5 0.0 0.0#

44 0.0 0.0 0.0



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: 0.397 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

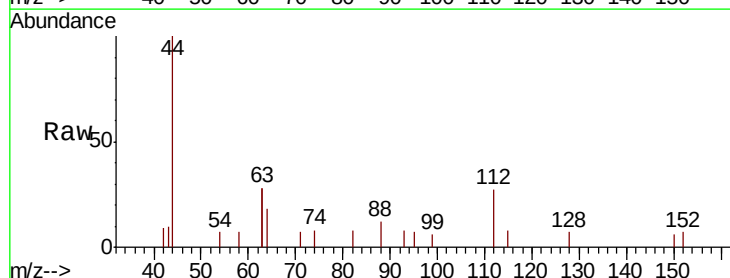
Tgt Ion: 112 Resp: 386

Ion Ratio Lower Upper

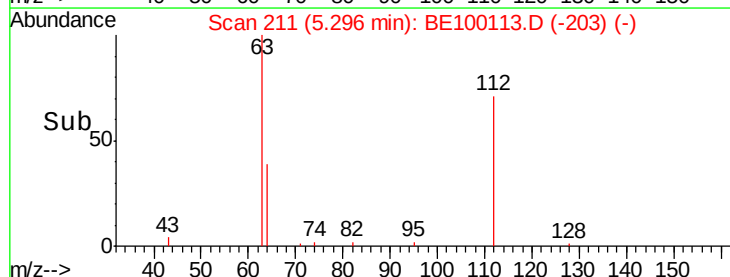
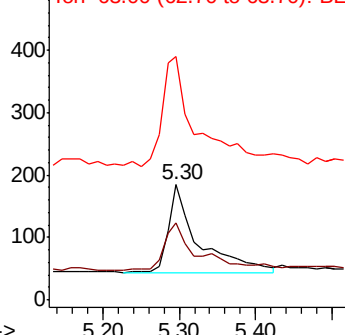
112 100

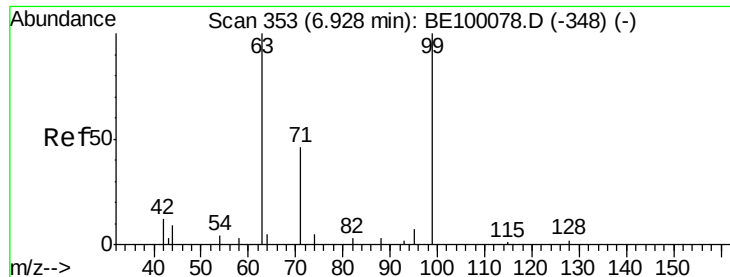
64 60.6 22.0 33.0#

63 150.3 121.8 182.6



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: 0.385 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

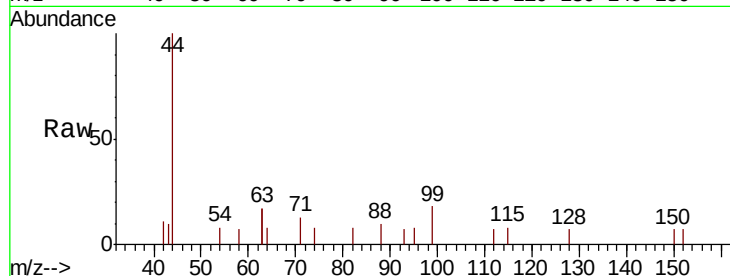
Tgt Ion: 99 Resp: 514

Ion Ratio Lower Upper

99 100

42 15.4 0.0 0.0#

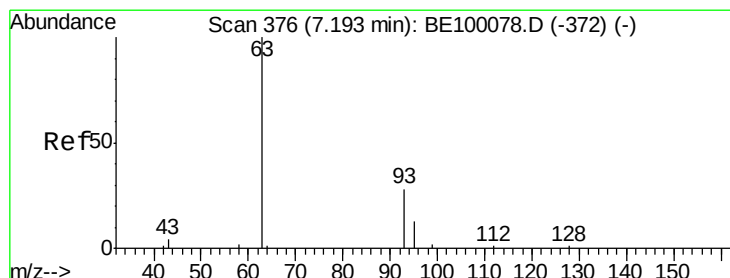
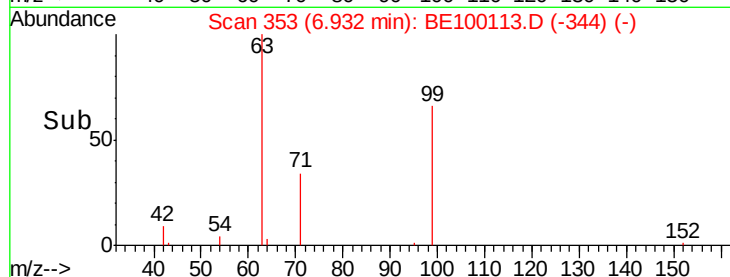
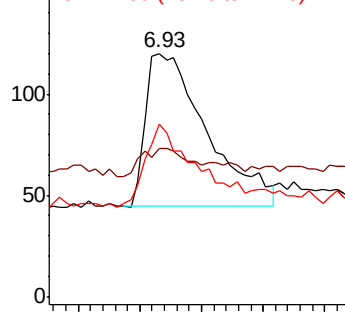
71 46.9 37.6 56.4



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: 0.376 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

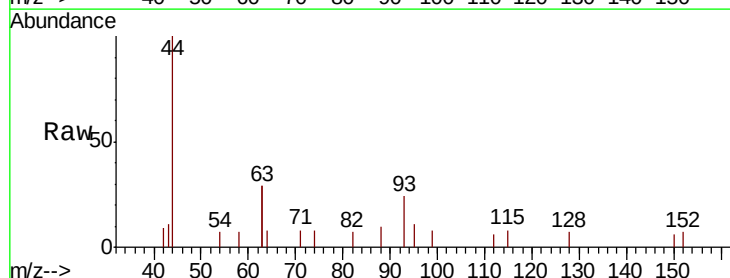
Tgt Ion: 93 Resp: 471

Ion Ratio Lower Upper

93 100

63 171.3 200.0 300.0#

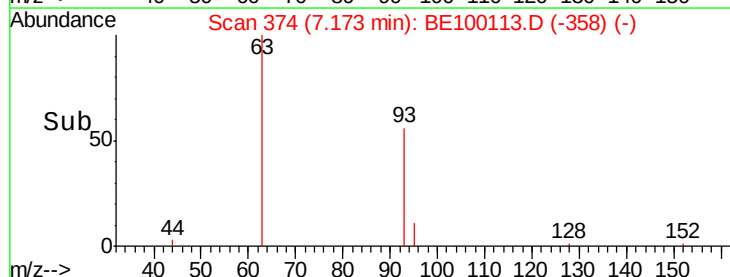
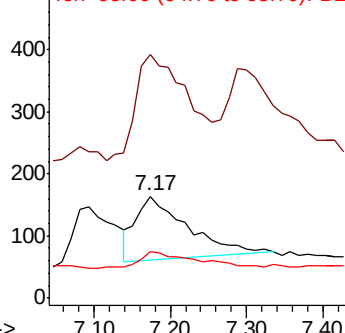
95 32.5 24.0 36.0

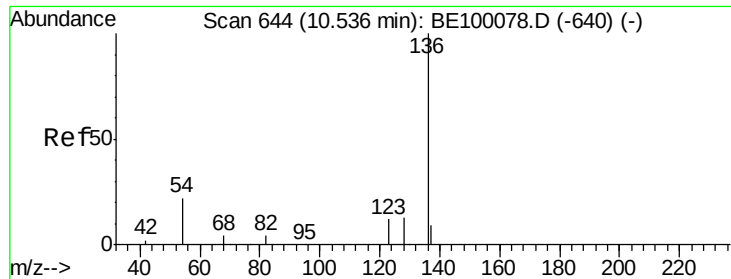


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 1653

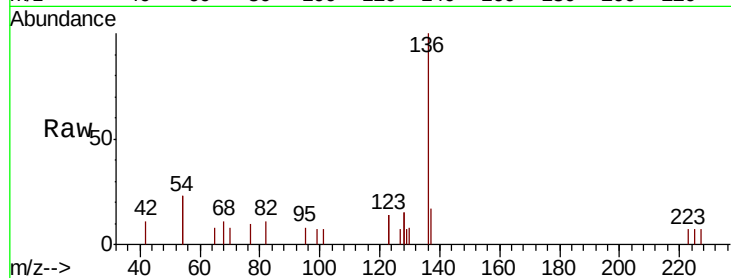
Ion Ratio Lower Upper

136 100

137 17.3 11.6 17.4

54 46.3 33.9 50.9

68 10.6 7.8 11.8

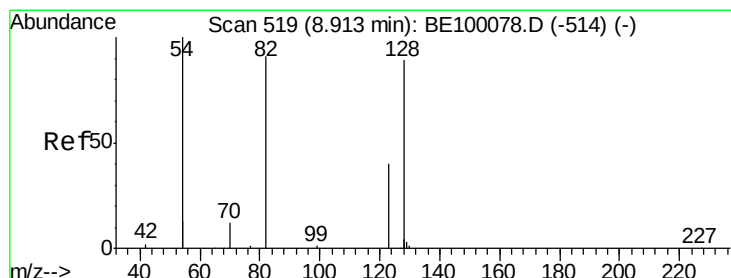
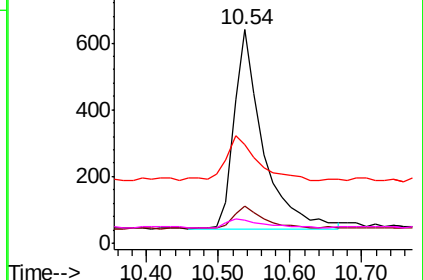
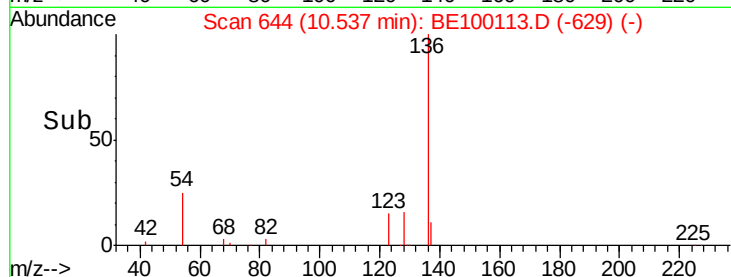


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

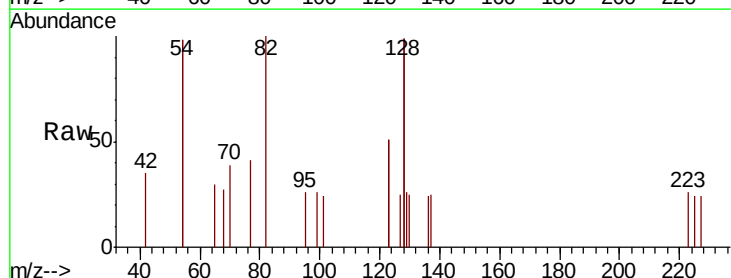
Tgt Ion: 82 Resp: 589

Ion Ratio Lower Upper

82 100

128 198.9 128.0 192.0#

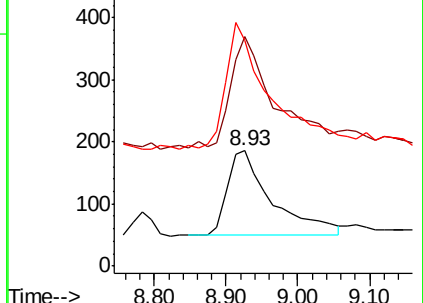
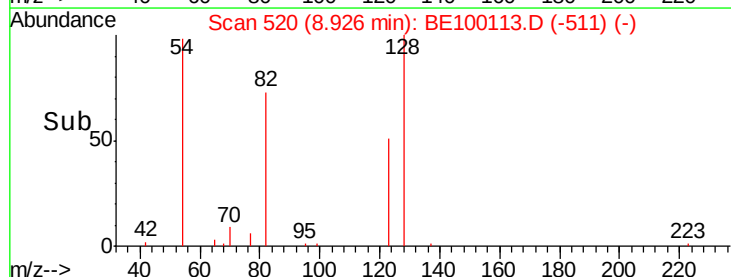
54 195.7 143.4 215.0

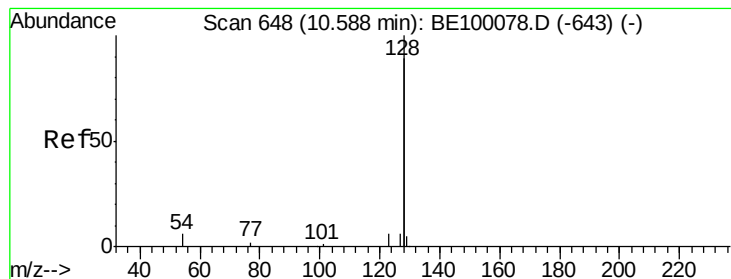


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.410 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

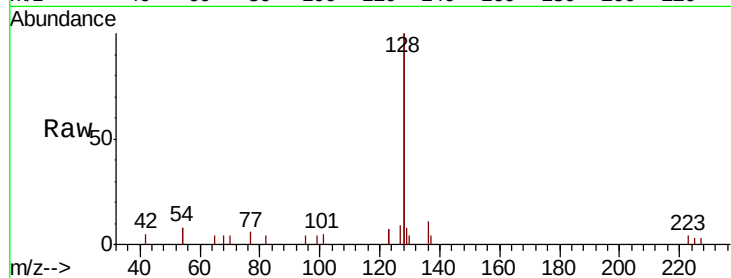
Tgt Ion:128 Resp: 7367

Ion Ratio Lower Upper

128 100

129 4.1 3.1 4.7

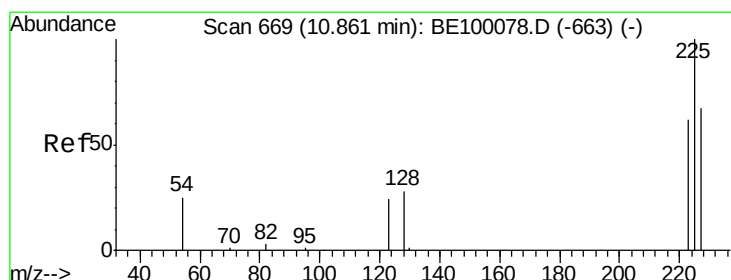
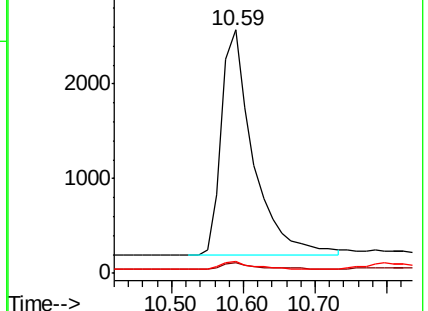
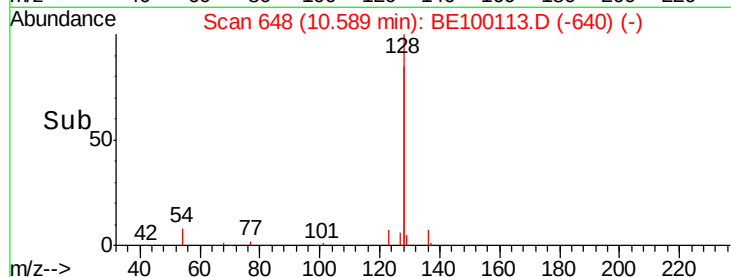
127 4.7 3.4 5.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.403 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

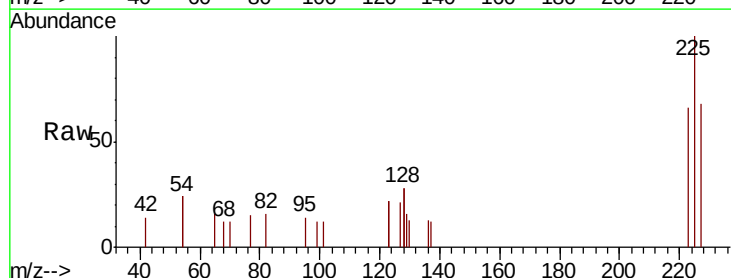
Tgt Ion:225 Resp: 712

Ion Ratio Lower Upper

225 100

223 61.7 52.2 78.4

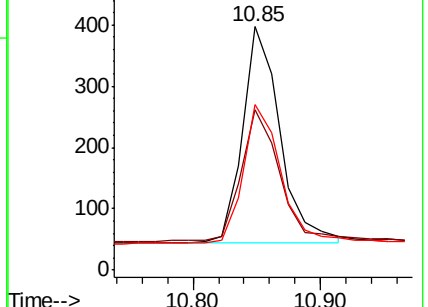
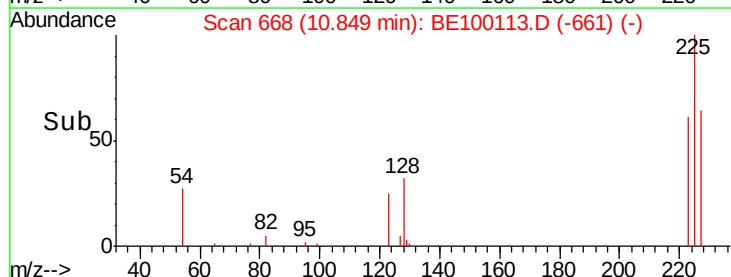
227 64.6 53.0 79.6

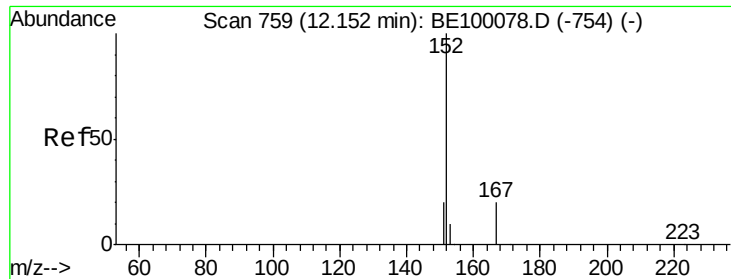


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

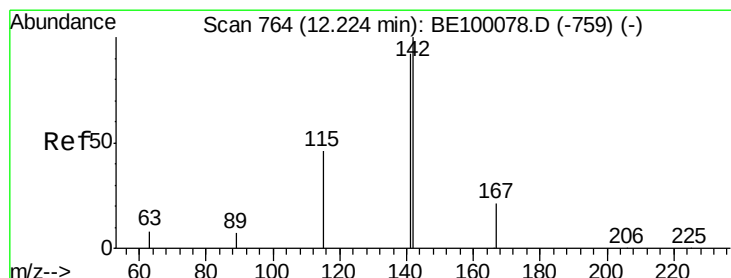
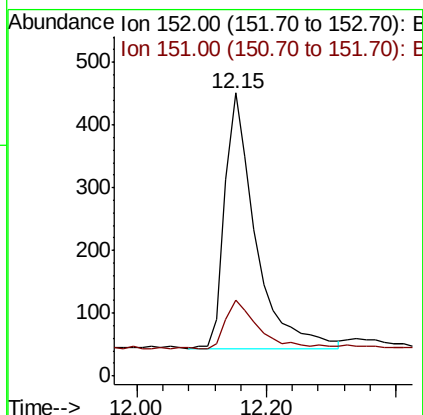
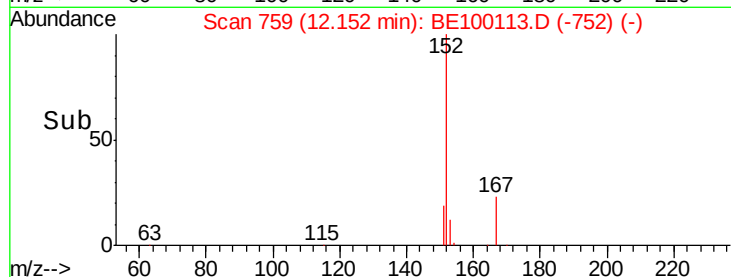
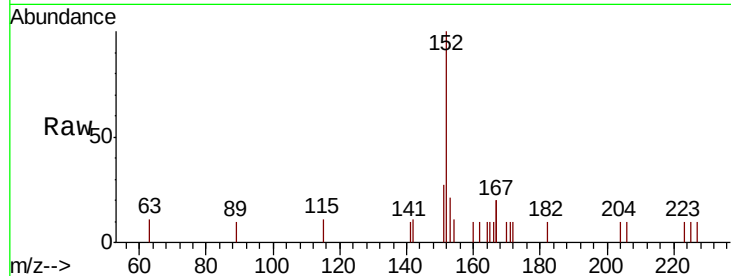




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.425 ng  
 RT: 12.15 min Scan# 759  
 Delta R.T. 0.00 min  
 Lab File: BE100113.D  
 Acq: 20 Jun 2019 18:50

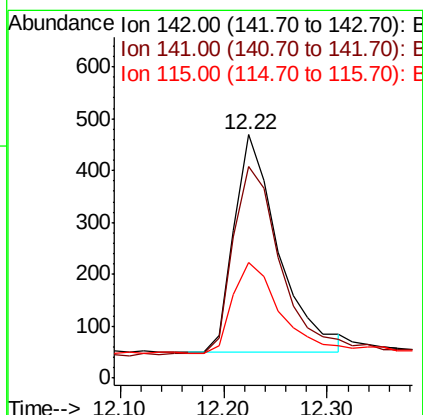
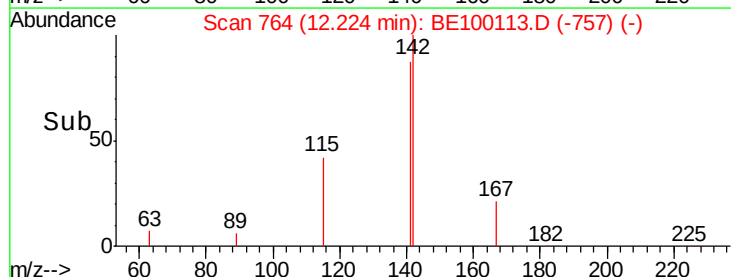
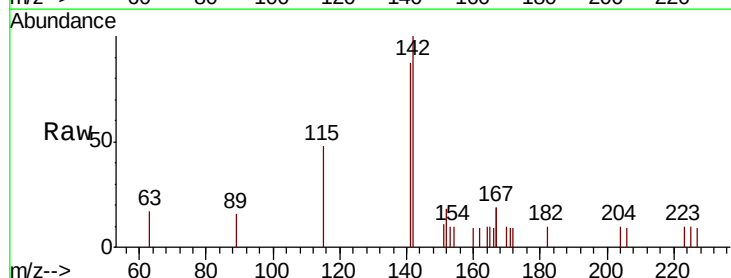
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:152 Resp: 1336  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 16.3 24.5

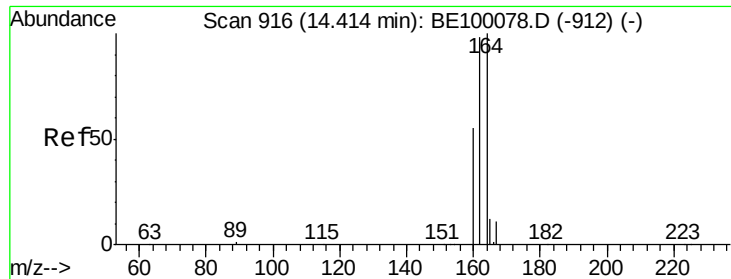


#12  
 2-Methylnaphthalene  
 Concen: 0.428 ng  
 RT: 12.22 min Scan# 764  
 Delta R.T. 0.00 min  
 Lab File: BE100113.D  
 Acq: 20 Jun 2019 18:50

Tgt Ion:142 Resp: 1264  
 Ion Ratio Lower Upper  
 142 100  
 141 87.0 74.1 111.1  
 115 47.5 40.9 61.3



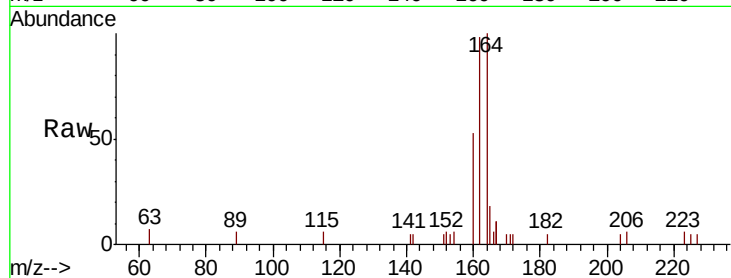




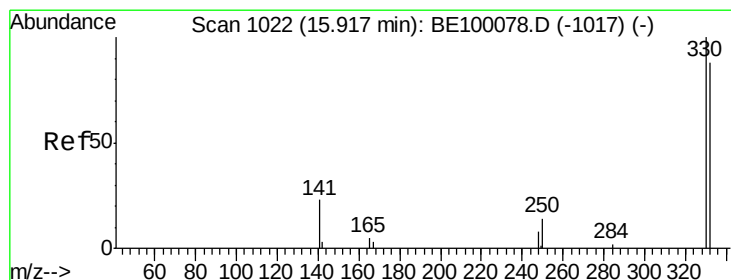
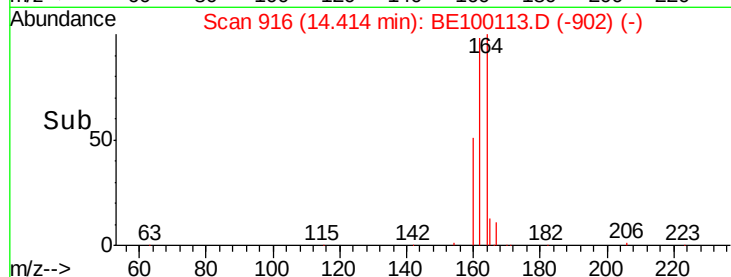
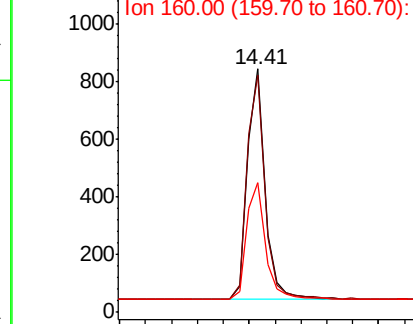
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.41 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: BE100113.D  
 Acq: 20 Jun 2019 18:50

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:164 Resp: 1533  
 Ion Ratio Lower Upper  
 164 100  
 162 97.6 78.2 117.2  
 160 53.1 45.6 68.4

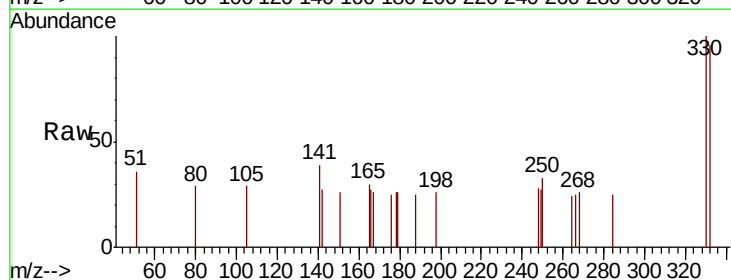


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

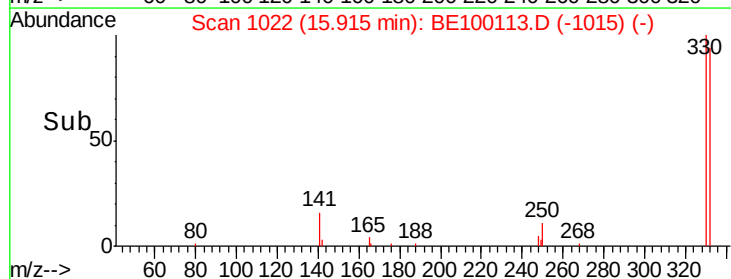
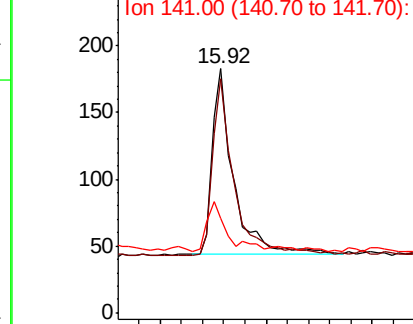


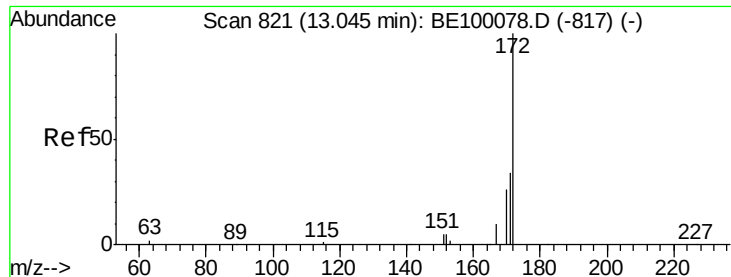
#14  
 2,4,6-Tribromophenol  
 Concen: 0.450 ng  
 RT: 15.92 min Scan# 1022  
 Delta R.T. -0.00 min  
 Lab File: BE100113.D  
 Acq: 20 Jun 2019 18:50

Tgt Ion:330 Resp: 381  
 Ion Ratio Lower Upper  
 330 100  
 332 98.7 73.3 109.9  
 141 26.5 22.2 33.2



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

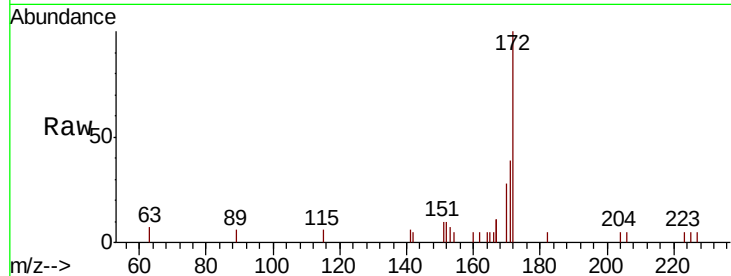




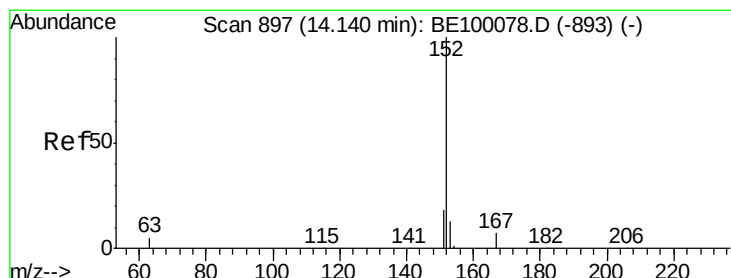
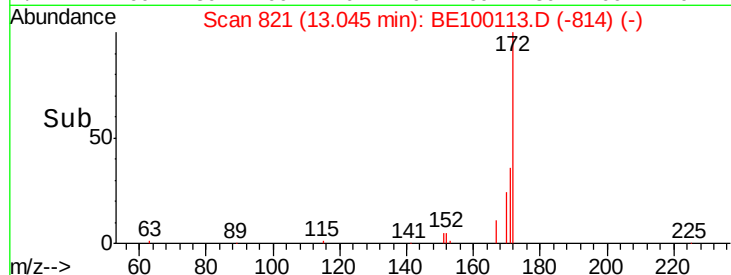
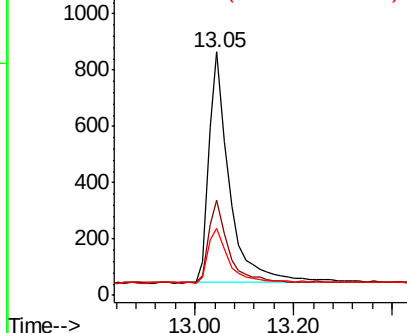
#15  
2-Fluorobiphenyl  
Concen: 0.392 ng  
RT: 13.05 min Scan# 821  
Delta R.T. 0.00 min  
Lab File: BE100113.D  
Acq: 20 Jun 2019 18:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:172 Resp: 2362  
Ion Ratio Lower Upper  
172 100  
171 39.0 29.8 44.8  
170 27.7 23.2 34.8

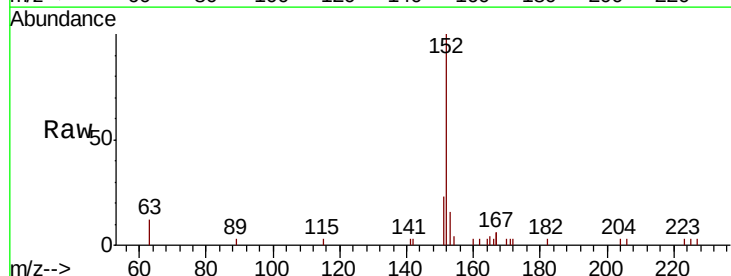


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

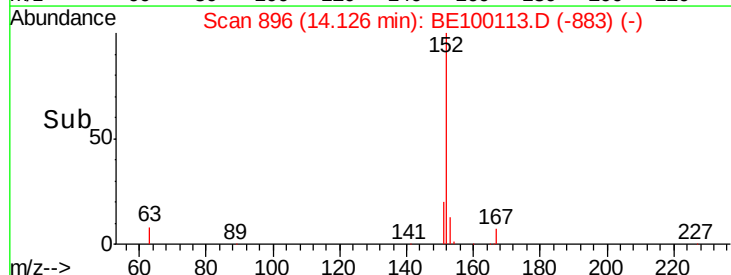
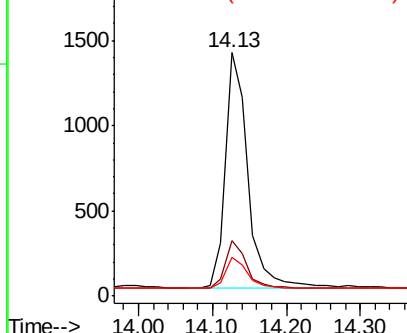


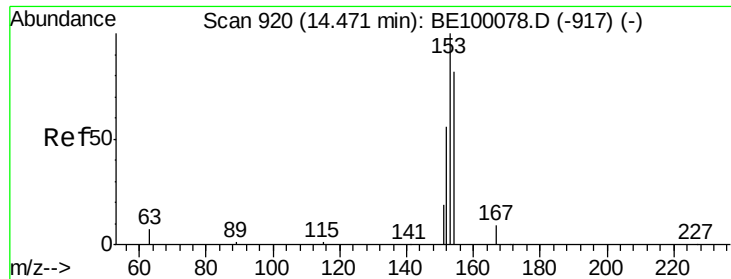
#16  
Acenaphthylene  
Concen: 0.397 ng  
RT: 14.13 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BE100113.D  
Acq: 20 Jun 2019 18:50

Tgt Ion:152 Resp: 2888  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.9 23.9  
153 13.0 10.1 15.1



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

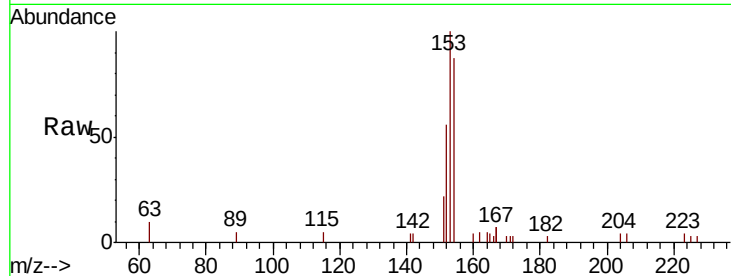




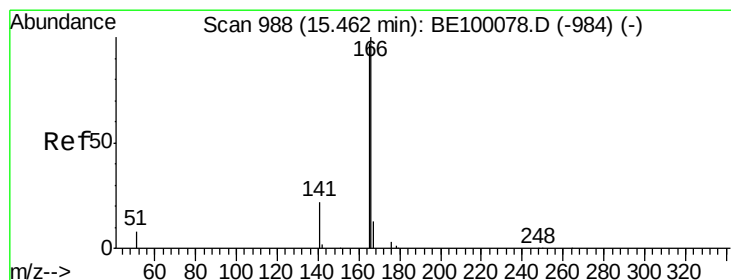
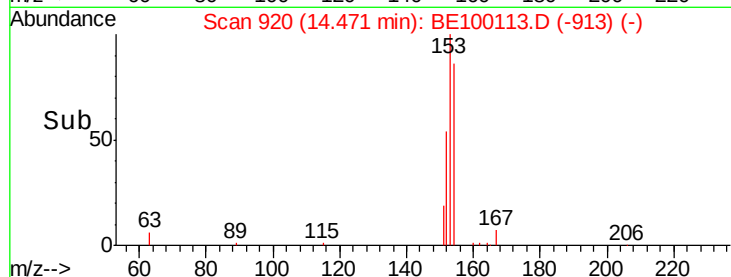
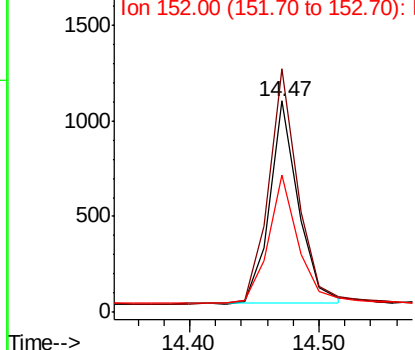
#17  
Acenaphthene  
Concen: 0.402 ng  
RT: 14.47 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BE100113.D  
Acq: 20 Jun 2019 18:50

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:154 Resp: 1635  
Ion Ratio Lower Upper  
154 100  
153 119.7 95.5 143.3  
152 65.0 54.9 82.3

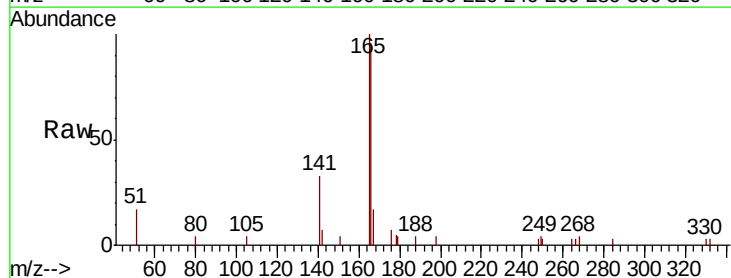


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

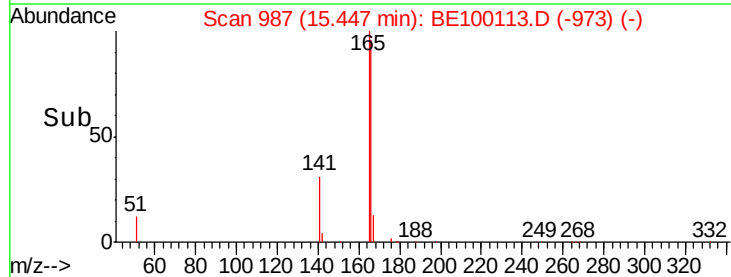
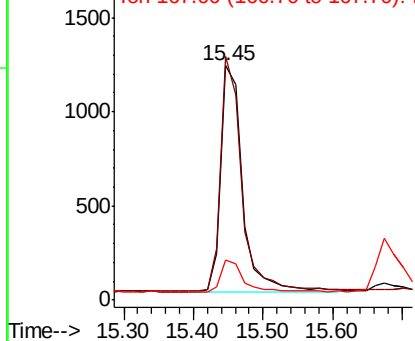


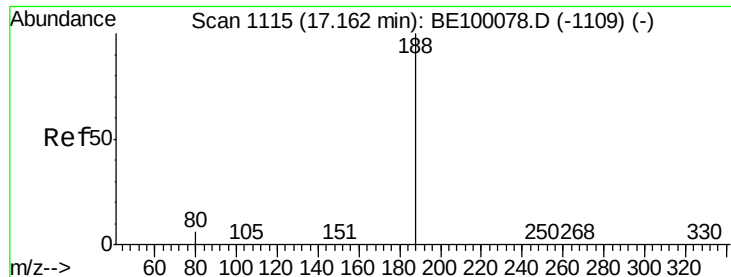
#18  
Fluorene  
Concen: 0.429 ng  
RT: 15.45 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BE100113.D  
Acq: 20 Jun 2019 18:50

Tgt Ion:166 Resp: 2599  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.8 119.8  
167 13.7 10.2 15.4



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: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

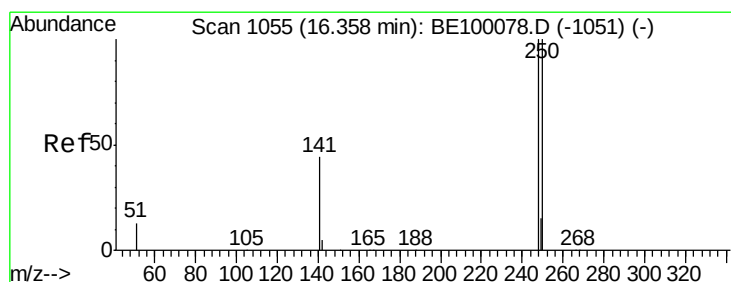
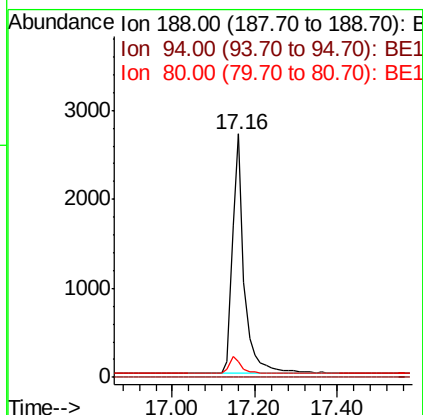
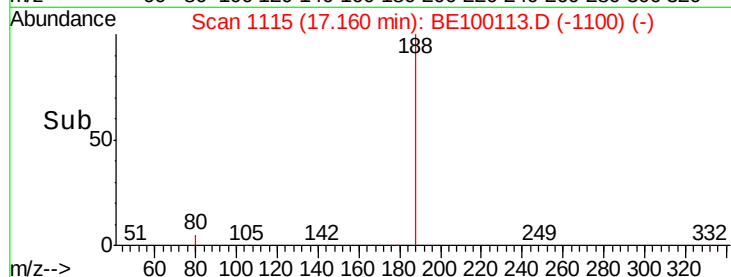
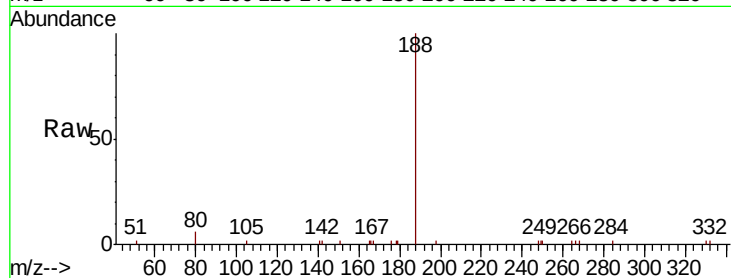
Tgt Ion:188 Resp: 5333

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.3 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

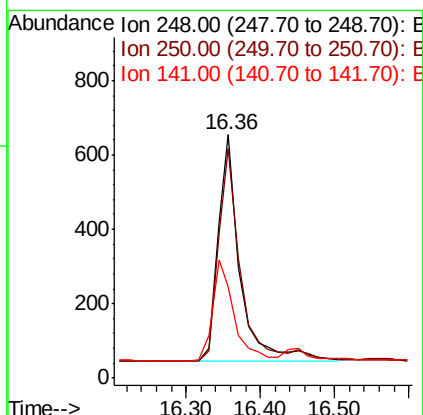
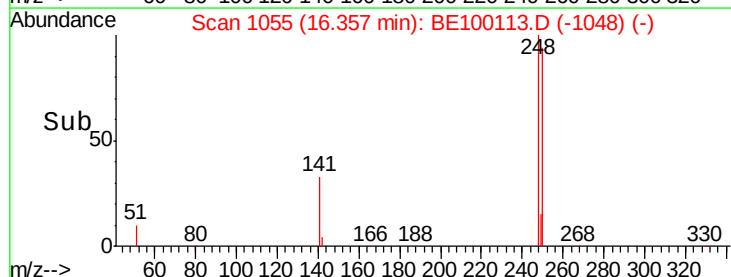
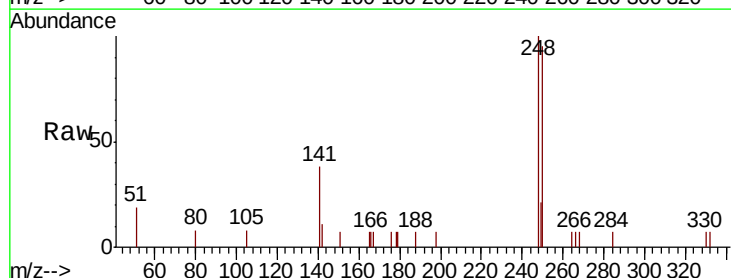
Tgt Ion:248 Resp: 1280

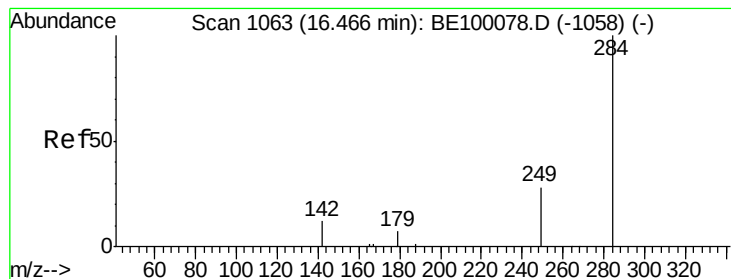
Ion Ratio Lower Upper

248 100

250 94.5 80.6 120.8

141 37.7 38.8 58.2#





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

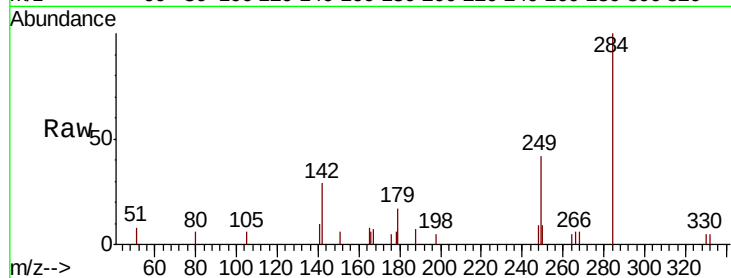
Tgt Ion:284 Resp: 1333

Ion Ratio Lower Upper

284 100

142 23.6 20.7 31.1

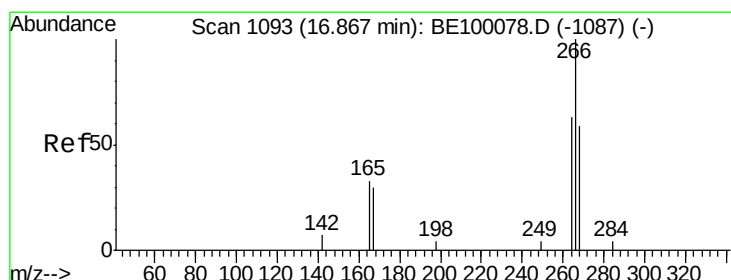
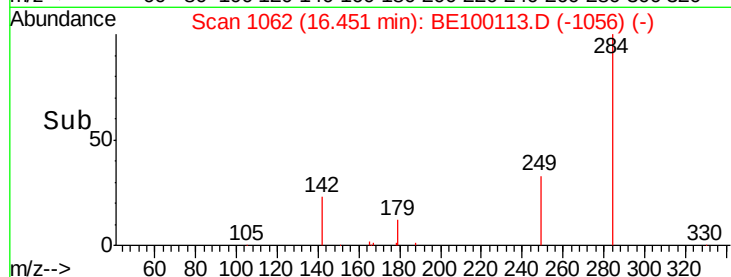
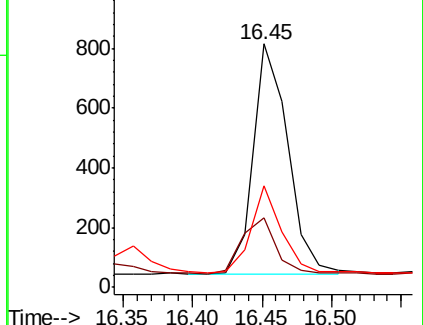
249 32.3 26.6 39.8



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: 0.532 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

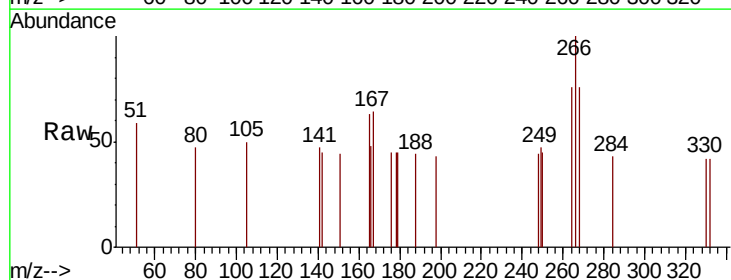
Tgt Ion:266 Resp: 329

Ion Ratio Lower Upper

266 100

264 76.0 67.8 101.6

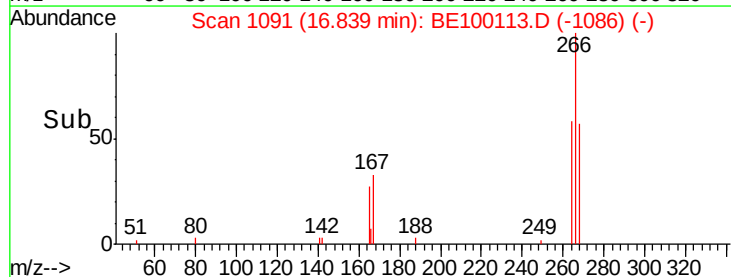
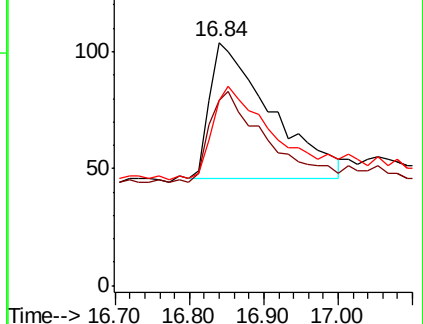
268 76.0 70.0 105.0

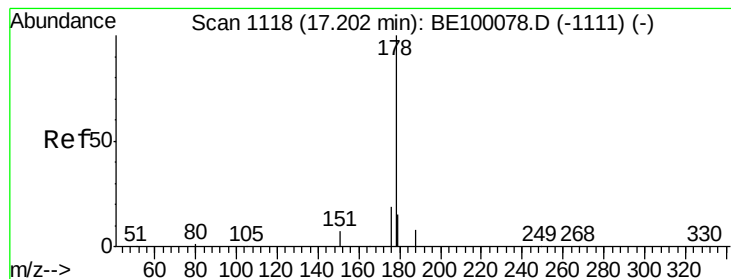


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

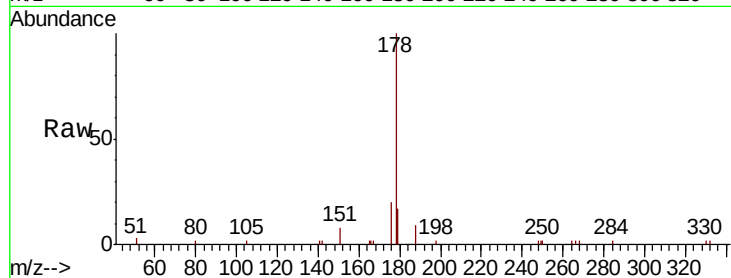
Tgt Ion:178 Resp: 4914

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

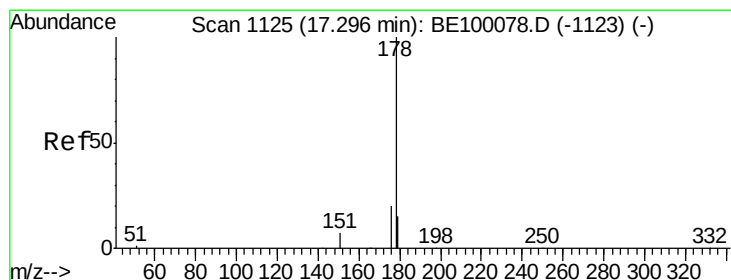
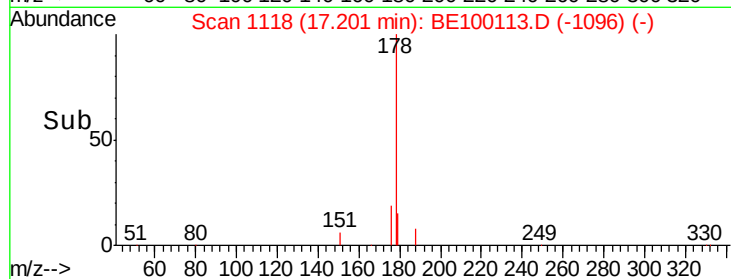
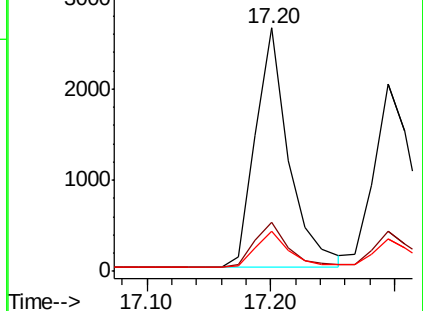
179 15.2 13.1 19.7



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: 0.394 ng

RT: 17.29 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

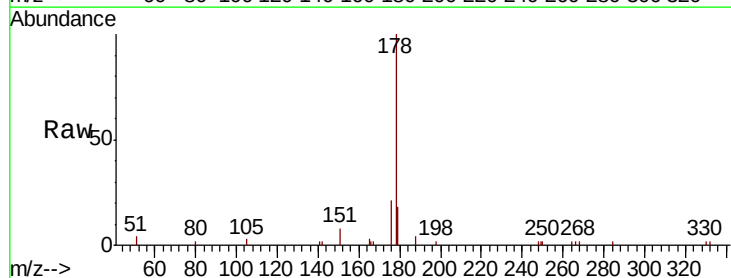
Tgt Ion:178 Resp: 4240

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.6

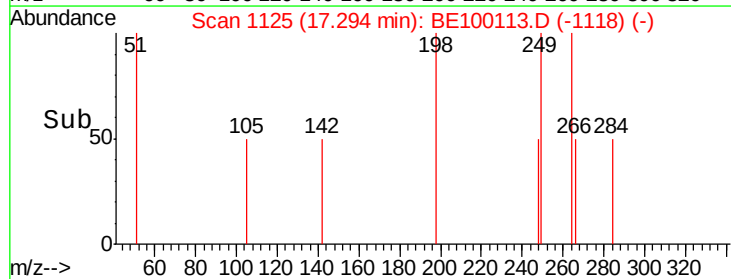
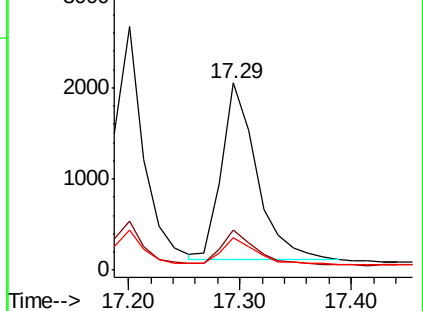
179 15.1 12.0 18.0

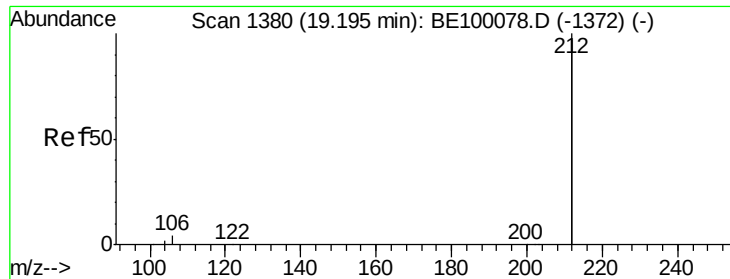


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

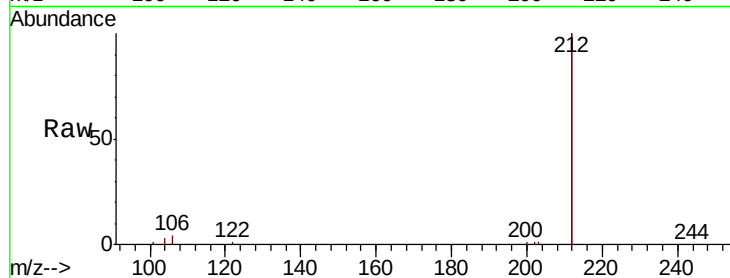
Tgt Ion:212 Resp: 30955

Ion Ratio Lower Upper

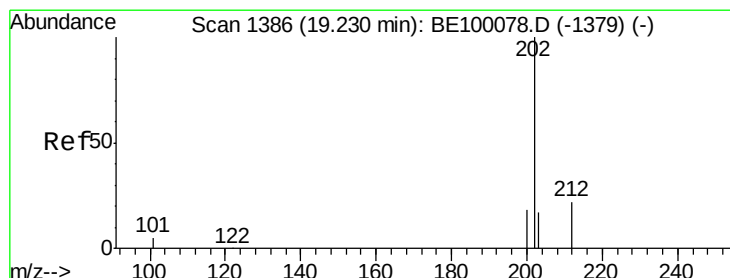
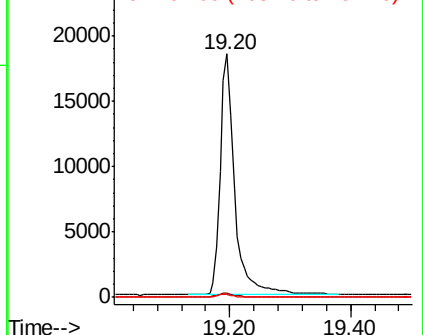
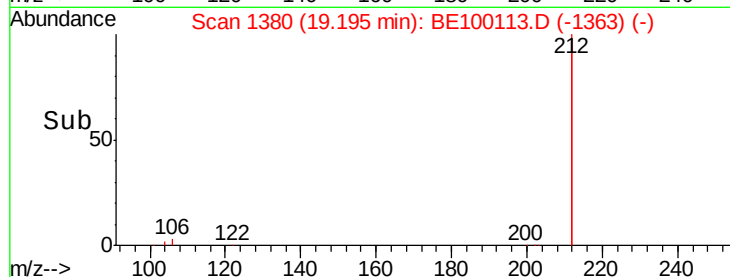
212 100

106 1.7 1.4 2.0

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: 0.403 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

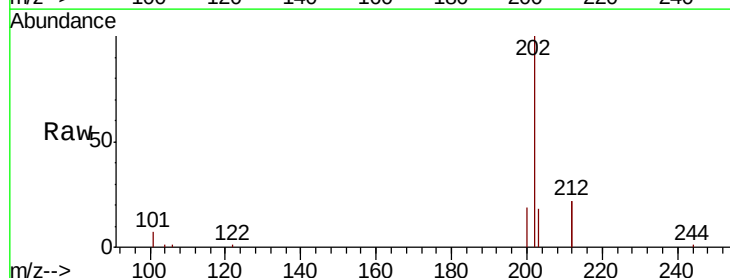
Tgt Ion:202 Resp: 8268

Ion Ratio Lower Upper

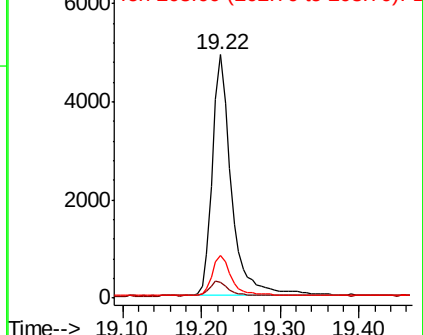
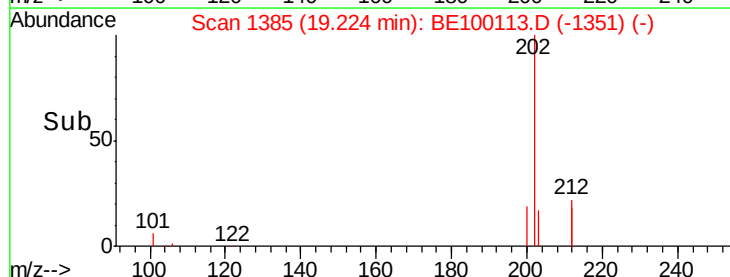
202 100

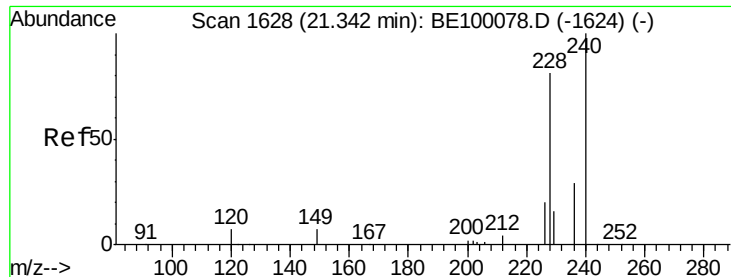
101 6.3 5.0 7.4

203 17.3 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: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

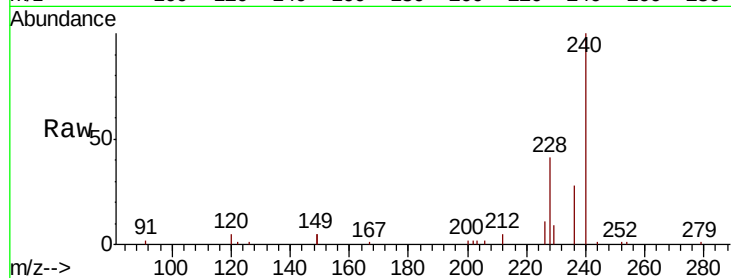
Tgt Ion:240 Resp: 8059

Ion Ratio Lower Upper

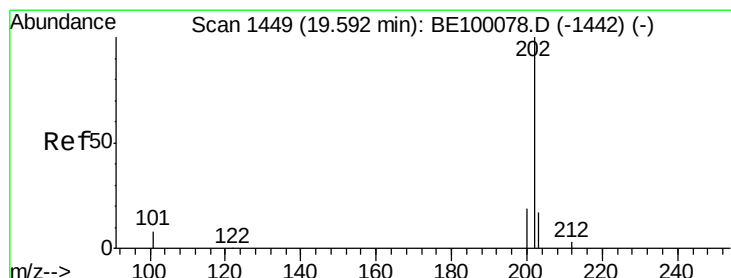
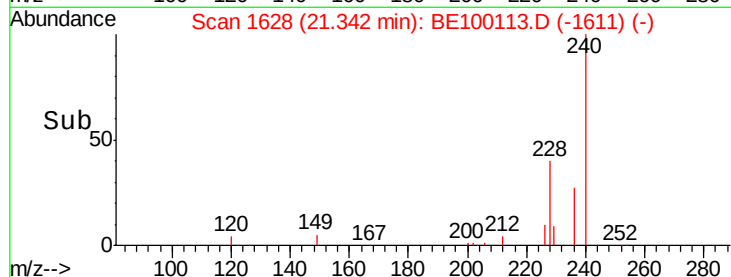
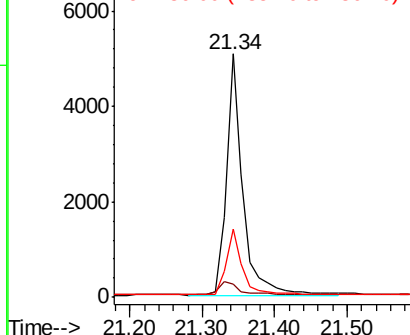
240 100

120 5.4 6.6 10.0#

236 28.1 23.8 35.6



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: 0.418 ng

RT: 19.59 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

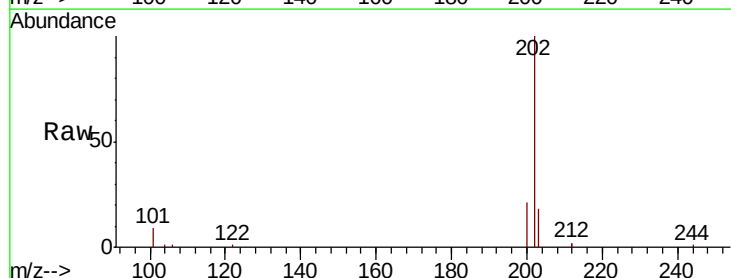
Tgt Ion:202 Resp: 8651

Ion Ratio Lower Upper

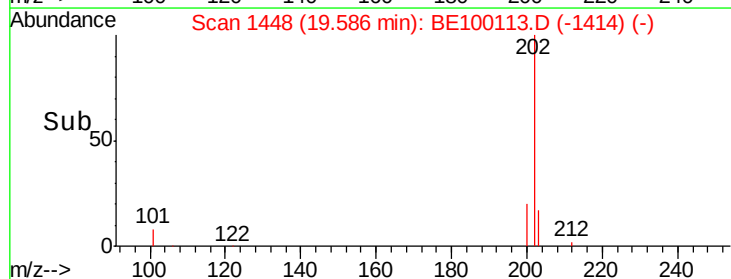
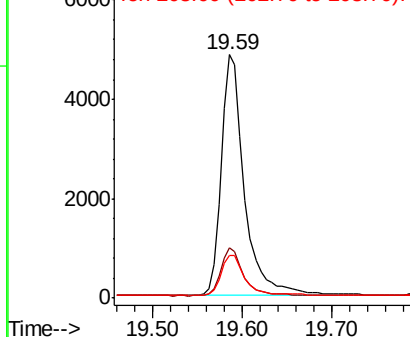
202 100

200 19.6 15.6 23.4

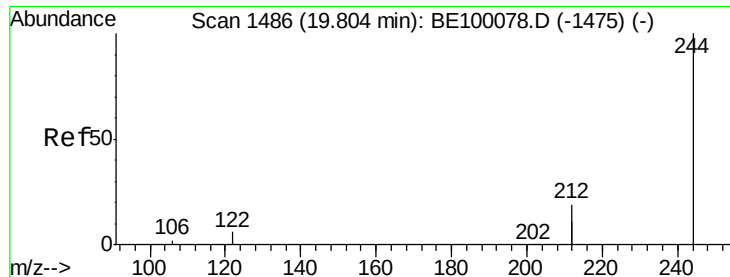
203 17.1 13.9 20.9



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: 0.412 ng

RT: 19.80 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

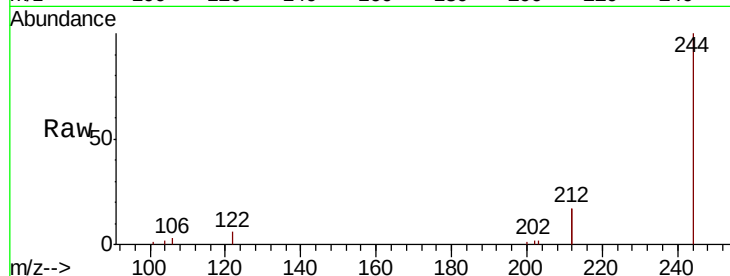
Tgt Ion:244 Resp: 6642

Ion Ratio Lower Upper

244 100

212 33.8 29.8 44.8

122 6.1 6.1 9.1#

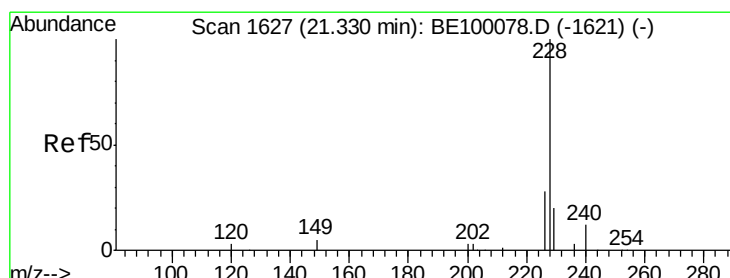
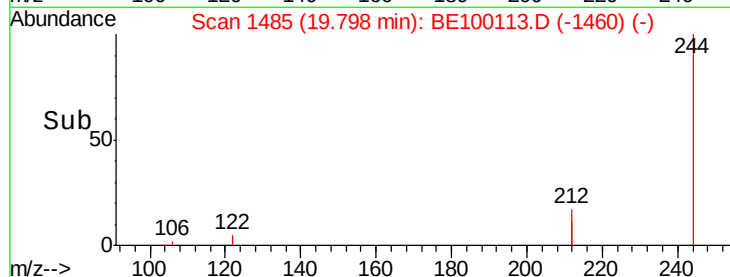
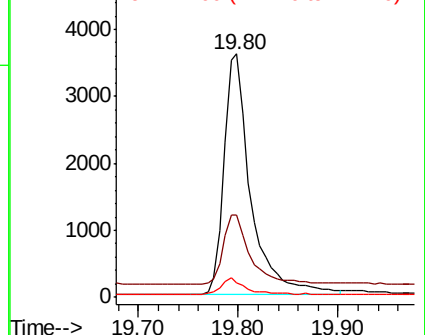


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.422 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

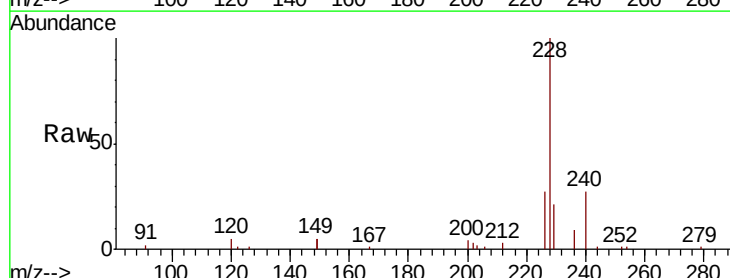
Tgt Ion:228 Resp: 10107

Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.4

229 20.7 16.4 24.6

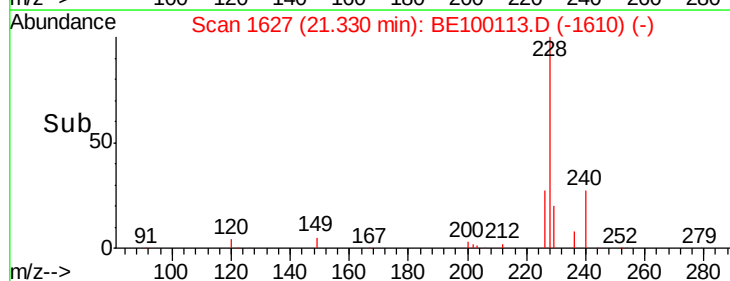
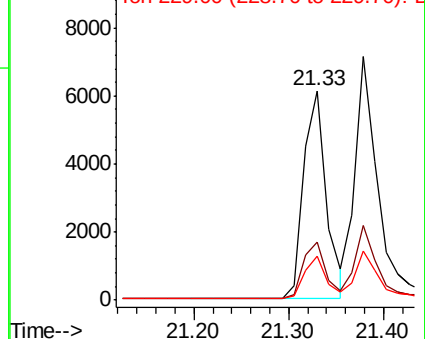


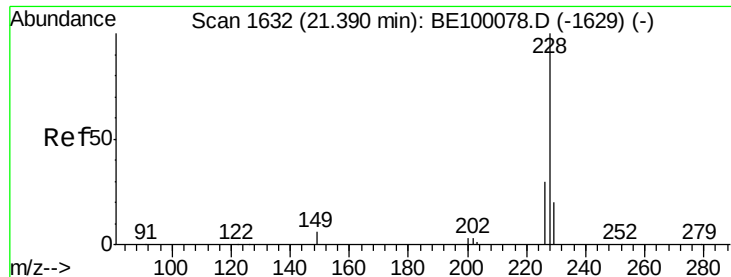
Abundance

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: 0.410 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

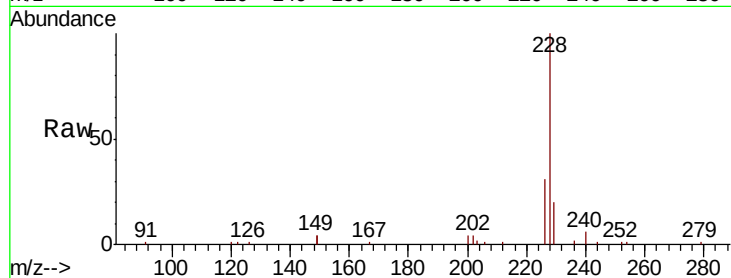
Tgt Ion:228 Resp: 11431

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 20.1 16.3 24.5

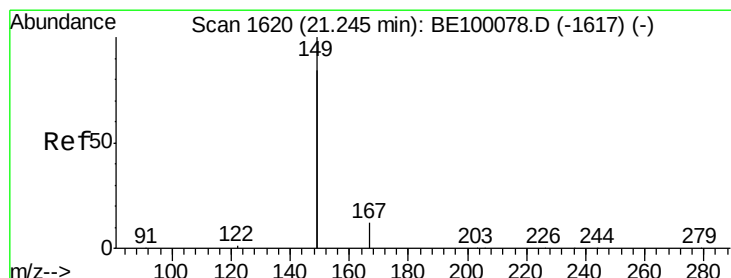
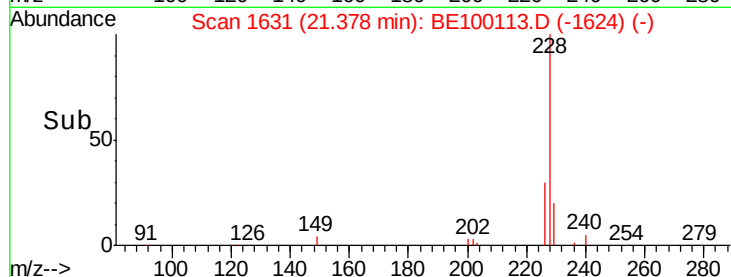
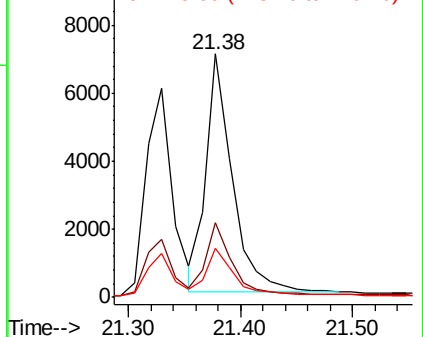


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.518 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

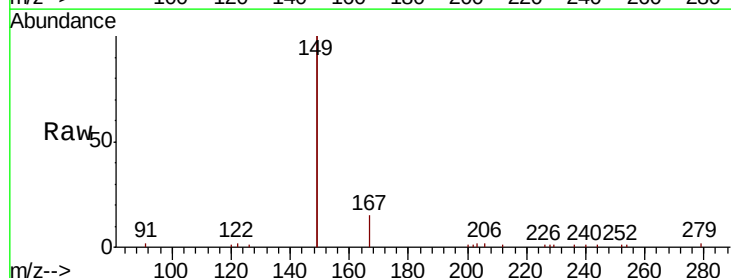
Tgt Ion:149 Resp: 11729

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

279 1.3 1.1 1.7

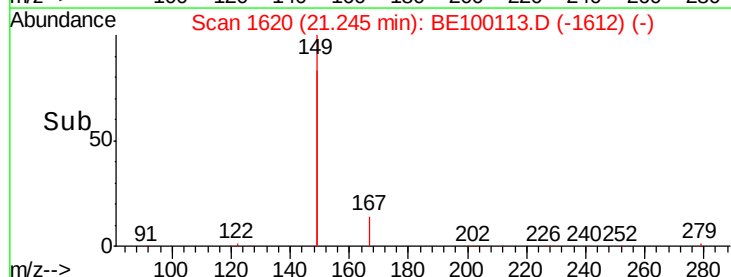
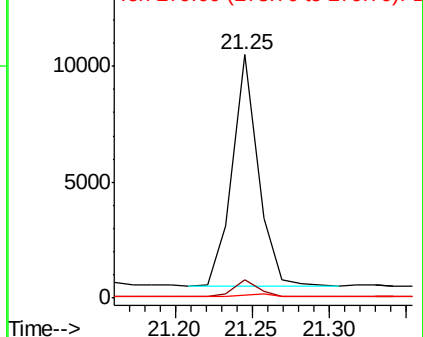


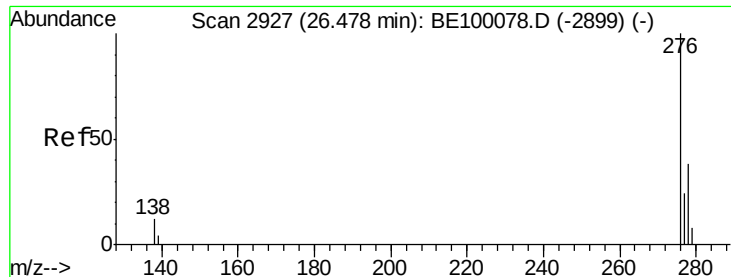
Abundance

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: 0.419 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

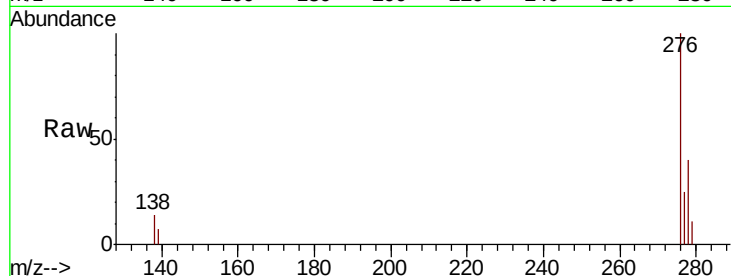
Tgt Ion:276 Resp: 13121

Ion Ratio Lower Upper

276 100

138 13.2 4.3 6.5#

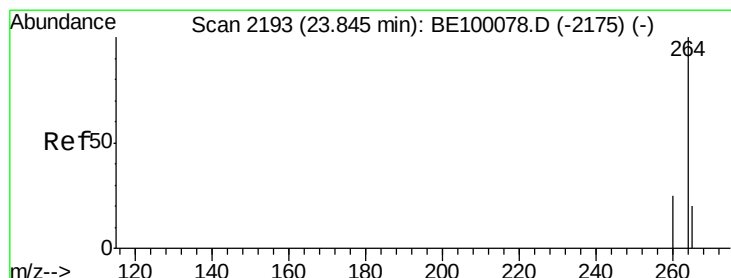
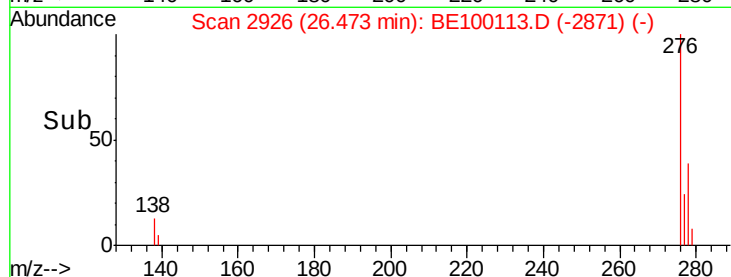
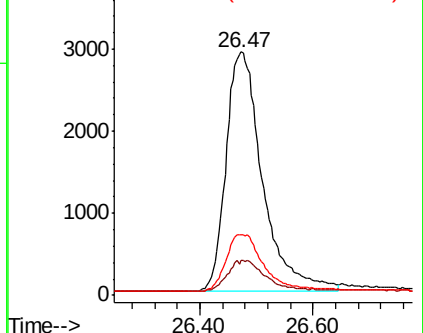
277 24.4 19.4 29.0



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: 23.83 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

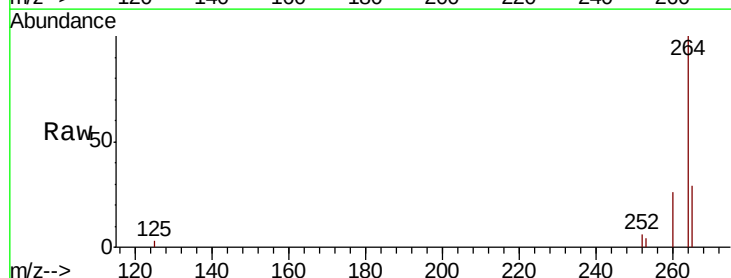
Tgt Ion:264 Resp: 9279

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

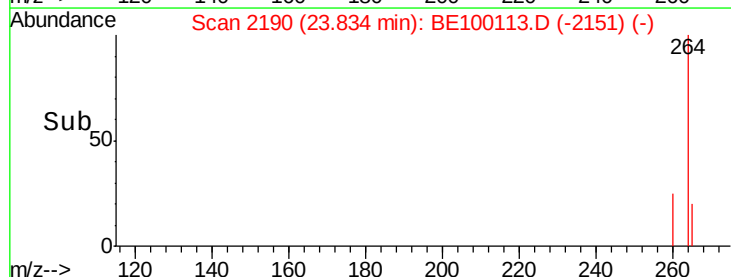
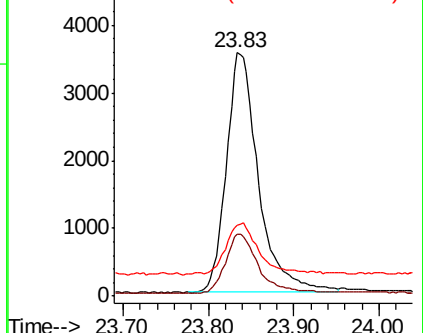
265 29.3 23.2 34.8

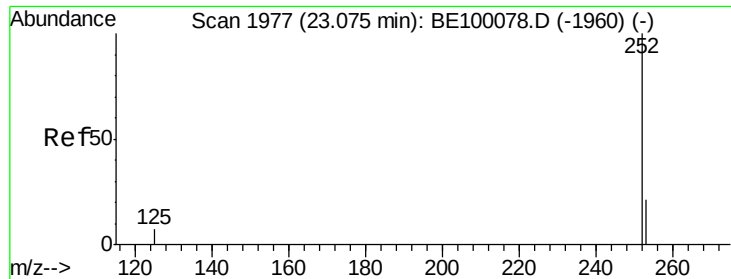


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.381 ng

RT: 23.07 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

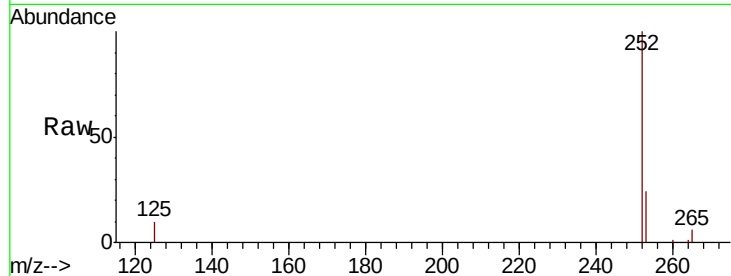
Tgt Ion:252 Resp: 10366

Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

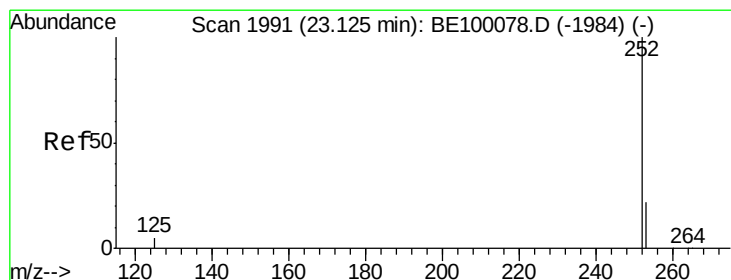
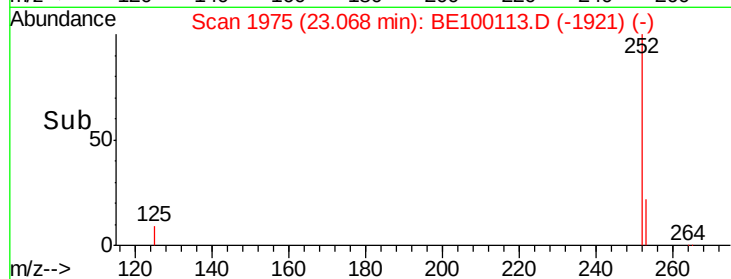
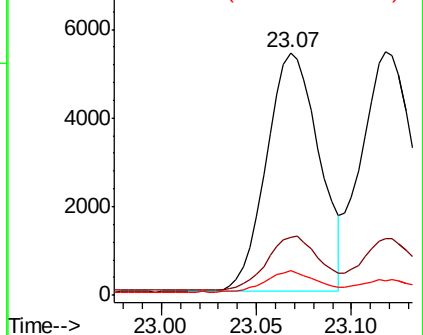
125 10.1 6.4 9.6#



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



#36

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

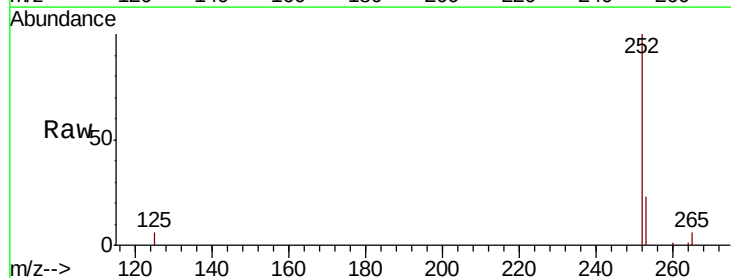
Tgt Ion:252 Resp: 11506

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

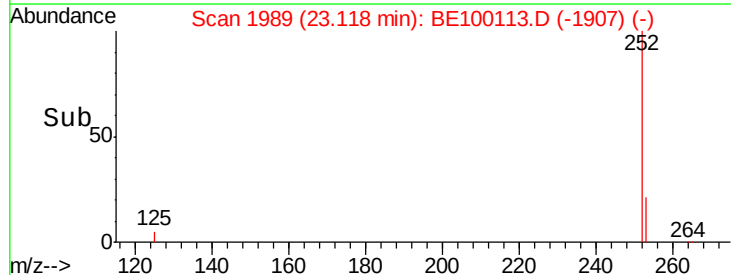
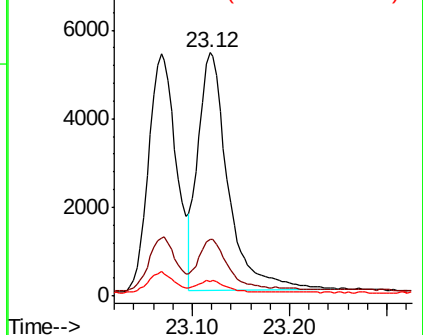
125 6.1 5.3 7.9

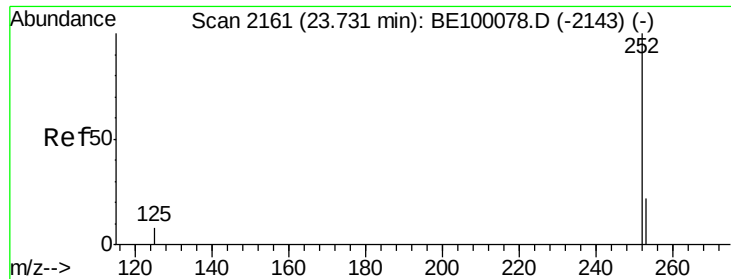


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

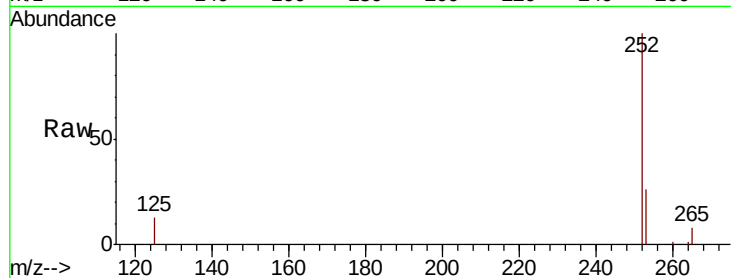
Tgt Ion:252 Resp: 10567

Ion Ratio Lower Upper

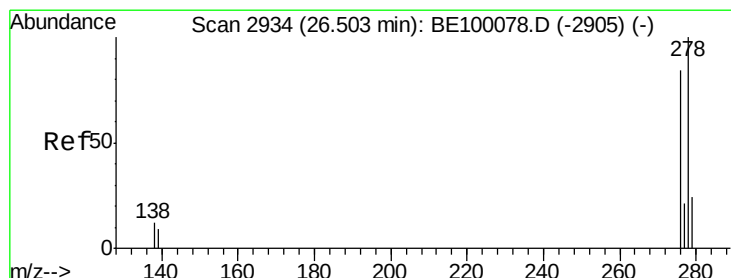
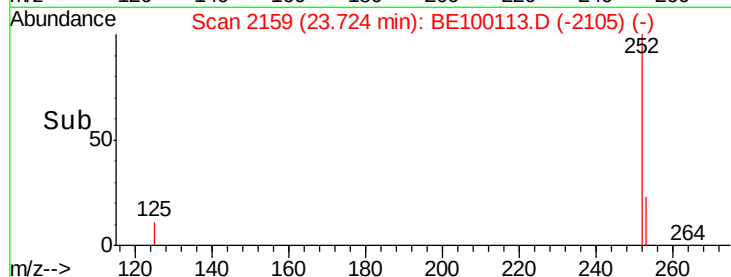
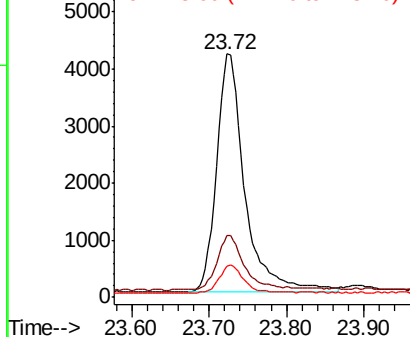
252 100

253 25.6 19.4 29.2

125 12.9 8.0 12.0#



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: 0.392 ng

RT: 26.50 min Scan# 2934

Delta R.T. -0.00 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

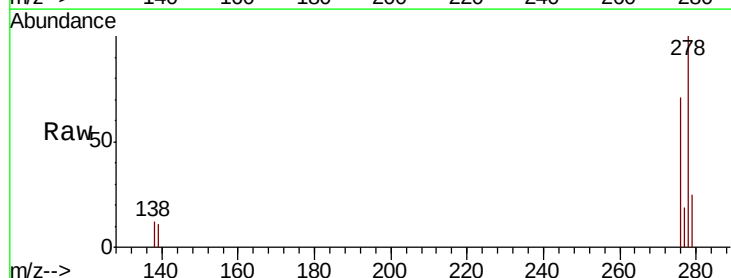
Tgt Ion:278 Resp: 10572

Ion Ratio Lower Upper

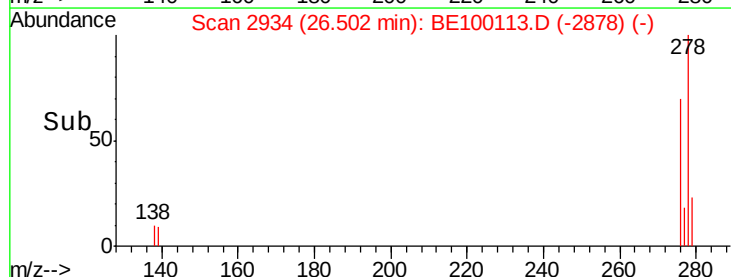
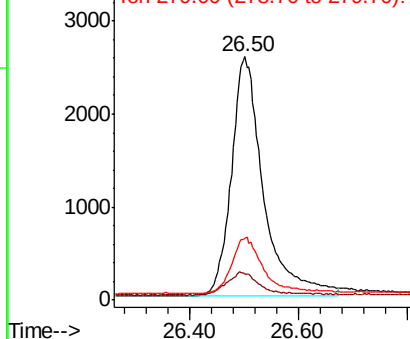
278 100

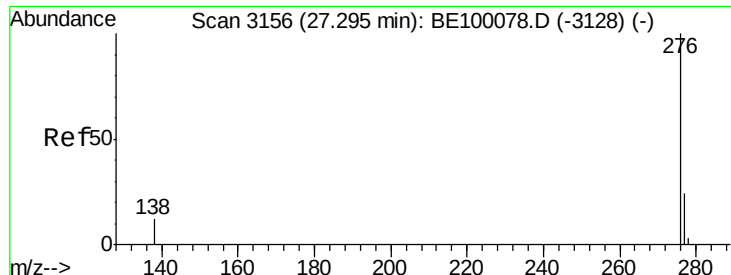
139 10.6 9.0 13.6

279 25.2 21.4 32.0



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: 0.387 ng

RT: 27.28 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE100113.D

Acq: 20 Jun 2019 18:50

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

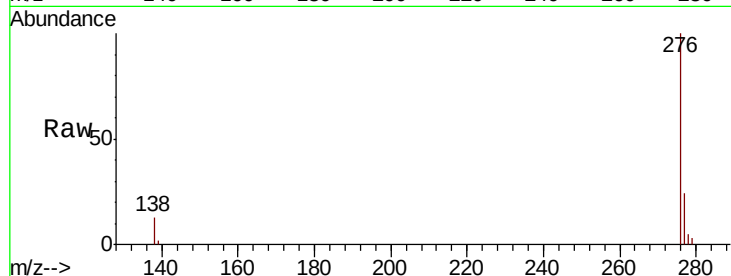
Tgt Ion: 276 Resp: 10842

Ion Ratio Lower Upper

276 100

277 24.2 20.3 30.5

138 13.4 11.3 16.9



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

