

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090117\  
 Data File : BE093901.D  
 Acq On : 1 Sep 2017 14:28  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 02 01:18:42 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE082617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 01 16:31:36 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 2189     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.71 | 136  | 11447    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.52 | 164  | 6475     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 13872    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.42 | 240  | 16822    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.93 | 264  | 14936    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.52  | 112  | 2558     | 0.38 | ng    | 0.00     |
| 5) Phenol-d6                | 7.09  | 99   | 3775     | 0.37 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.06  | 82   | 3539     | 0.37 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152  | 6350     | 0.35 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.03 | 330  | 600      | 0.35 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.15 | 172  | 8813     | 0.34 | ng    | -0.01    |
| 25) Fluoranthene-d10        | 19.28 | 212  | 64659    | 0.40 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.87 | 244  | 10882    | 0.36 | ng    | 0.00     |

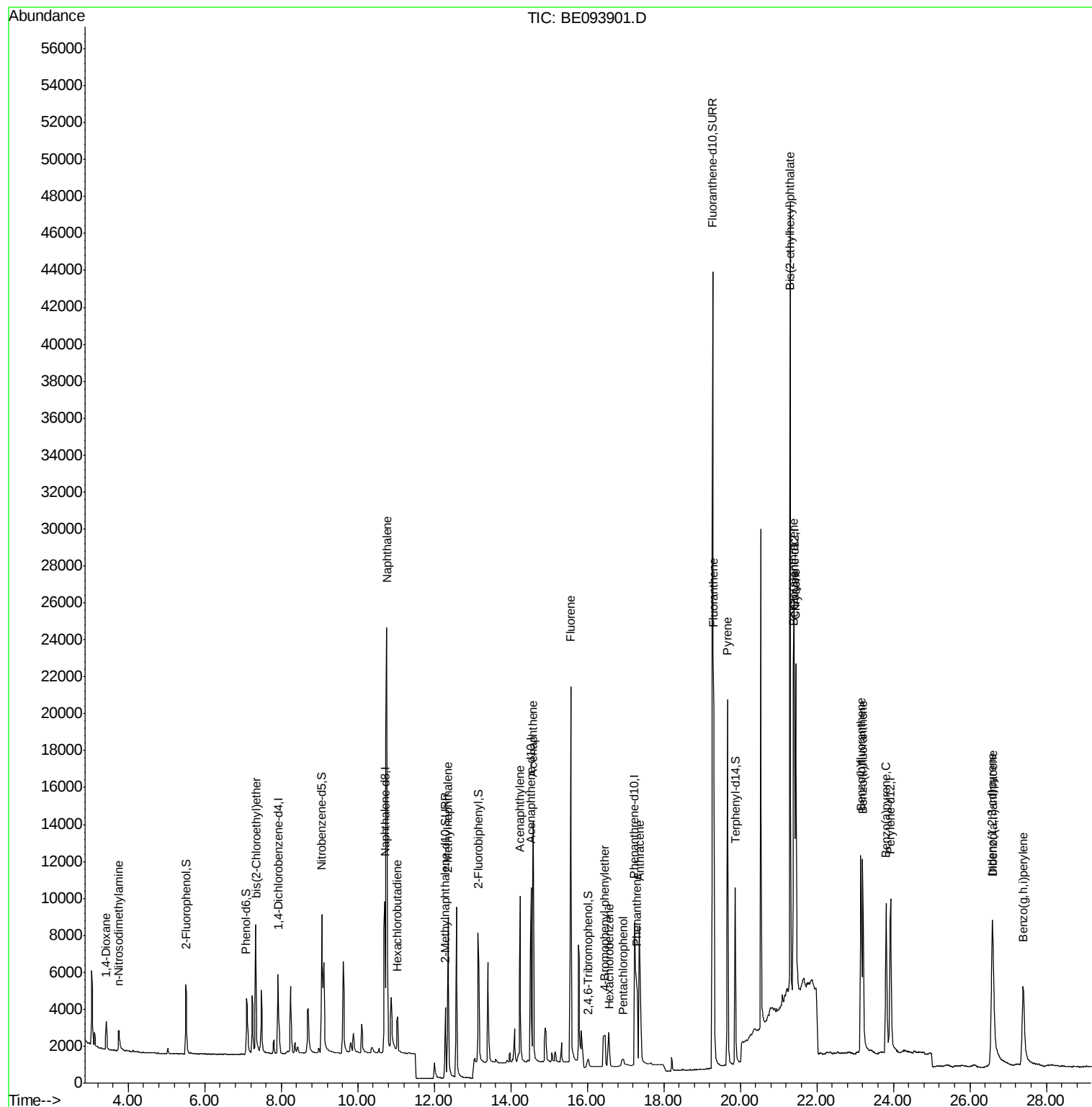
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88   | 1044     | 0.347 | ng    | # 95   |
| 3) n-Nitrosodimethylamine      | 3.74  | 42   | 1297     | 0.387 | ng    | # 97   |
| 6) bis(2-Chloroethyl)ether     | 7.34  | 93   | 2973     | 0.375 | ng    | 89     |
| 9) Naphthalene                 | 10.76 | 128  | 44982    | 0.345 | ng    | 100    |
| 10) Hexachlorobutadiene        | 11.04 | 225  | 1692     | 0.368 | ng    | 100    |
| 12) 2-Methylnaphthalene        | 12.36 | 142  | 7441     | 0.342 | ng    | 99     |
| 16) Acenaphthylene             | 14.24 | 152  | 11344    | 0.354 | ng    | 99     |
| 17) Acenaphthene               | 14.58 | 154  | 7487     | 0.346 | ng    | 100    |
| 18) Fluorene                   | 15.56 | 166  | 9902     | 0.354 | ng    | 99     |
| 20) 4-Bromophenyl-phenylether  | 16.45 | 248  | 1936     | 0.346 | ng    | 97     |
| 21) Hexachlorobenzene          | 16.58 | 284  | 1768     | 0.363 | ng    | # 100  |
| 22) Pentachlorophenol          | 16.94 | 266  | 798      | 0.367 | ng    | 96     |
| 23) Phenanthrene               | 17.30 | 178  | 11287    | 0.320 | ng    | # 100  |
| 24) Anthracene                 | 17.37 | 178  | 14574    | 0.347 | ng    | # 65   |
| 26) Fluoranthene               | 19.31 | 202  | 19314    | 0.400 | ng    | 100    |
| 28) Pyrene                     | 19.67 | 202  | 20278    | 0.358 | ng    | 100    |
| 30) Benzo(a)anthracene         | 21.39 | 228  | 18339    | 0.367 | ng    | 97     |
| 31) Chrysene                   | 21.45 | 228  | 19046    | 0.343 | ng    | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 48155    | 0.457 | ng    | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.58 | 276  | 15064    | 0.398 | ng    | 97     |
| 35) Benzo(b)fluoranthene       | 23.15 | 252  | 16631    | 0.349 | ng    | 97     |
| 36) Benzo(k)fluoranthene       | 23.20 | 252  | 17624    | 0.323 | ng    | # 94   |
| 37) Benzo(a)pyrene             | 23.81 | 252  | 16412    | 0.347 | ng    | # 95   |
| 38) Dibenzo(a,h)anthracene     | 26.60 | 278  | 12538    | 0.375 | ng    | 95     |
| 39) Benzo(g,h,i)perylene       | 27.39 | 276  | 13826    | 0.380 | ng    | 98     |

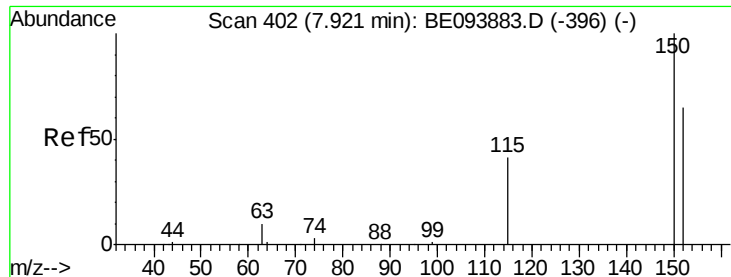
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 01 16:31:36 2017  
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

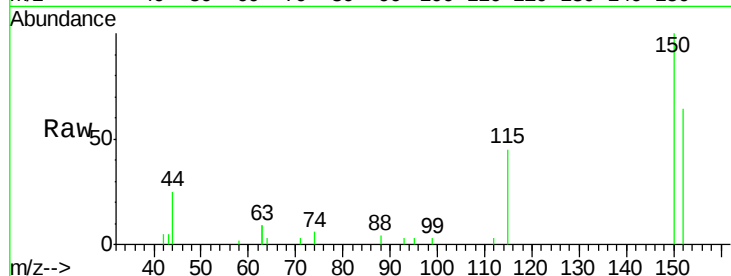
Tgt Ion:152 Resp: 2189

Ion Ratio Lower Upper

152 100

150 155.9 121.8 182.6

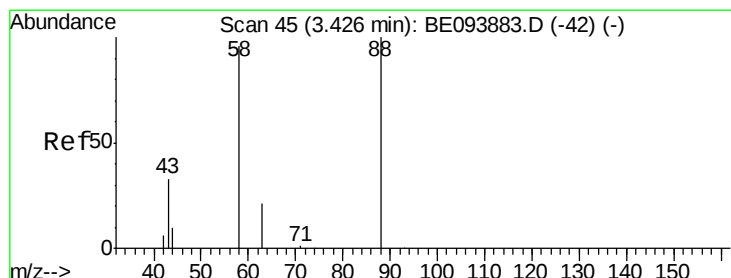
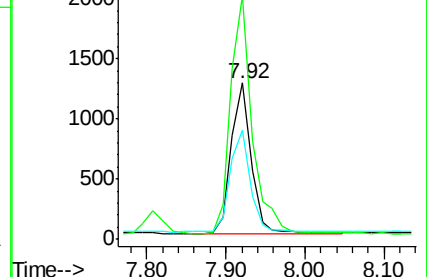
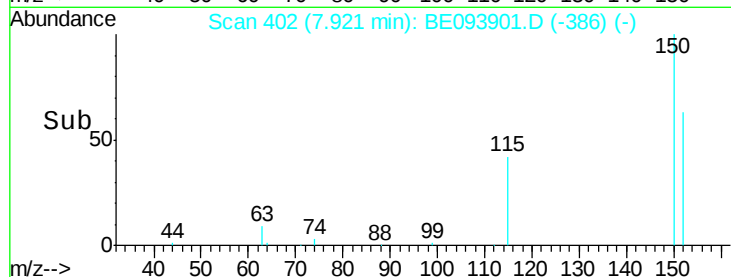
115 69.5 52.6 79.0



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: 0.347 ng

RT: 3.43 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

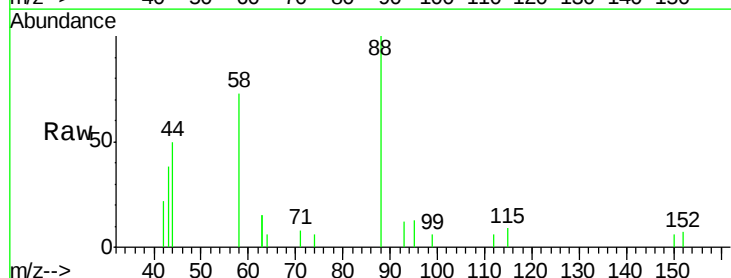
Tgt Ion: 88 Resp: 1044

Ion Ratio Lower Upper

88 100

58 83.2 65.4 98.0

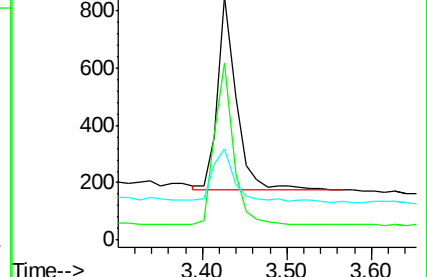
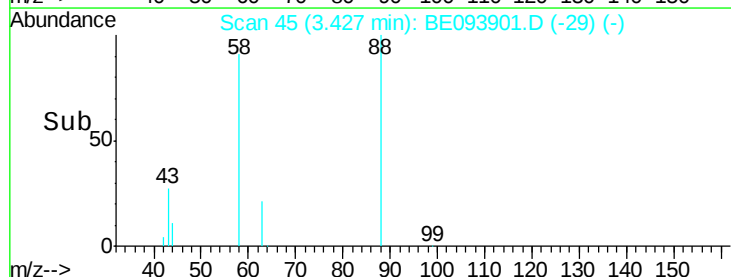
43 36.5 23.9 35.9#

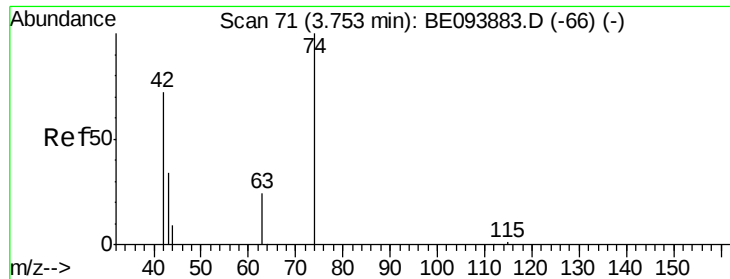


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



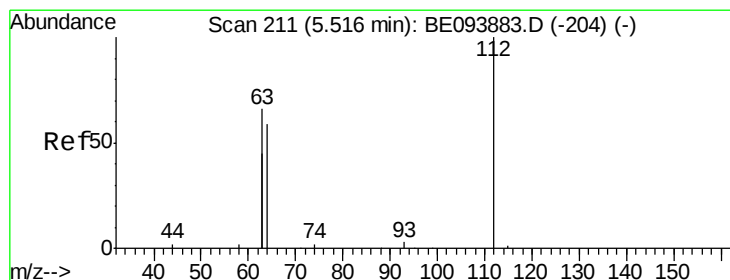
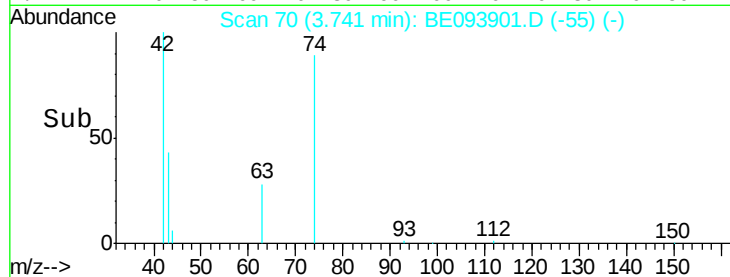
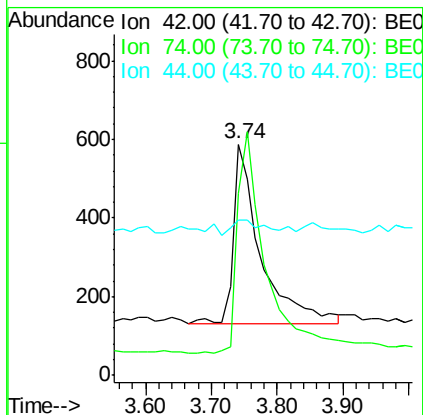
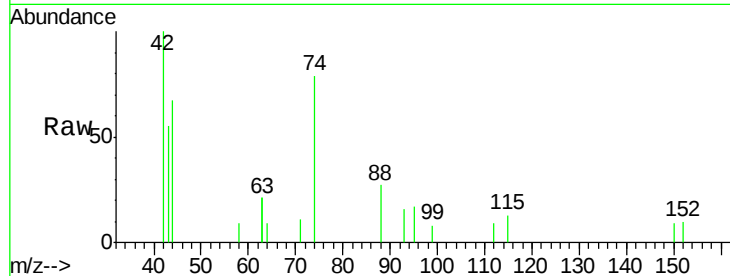


#3

n-Nitrosodimethylamine  
 Concen: 0.387 ng  
 RT: 3.74 min Scan# 70  
 Delta R.T. -0.01 min  
 Lab File: BE093901.D  
 Acq: 1 Sep 2017 14:28

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

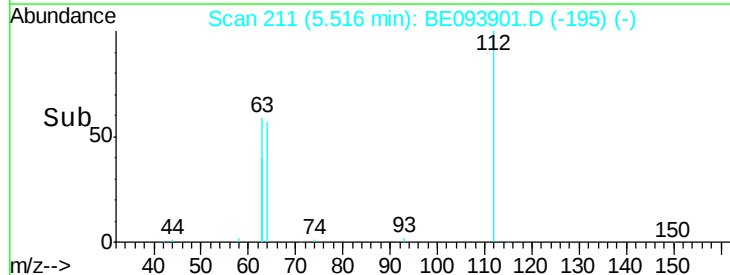
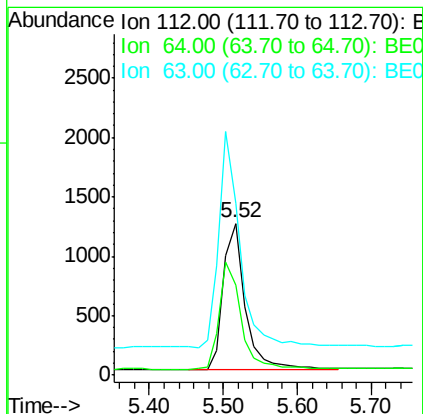
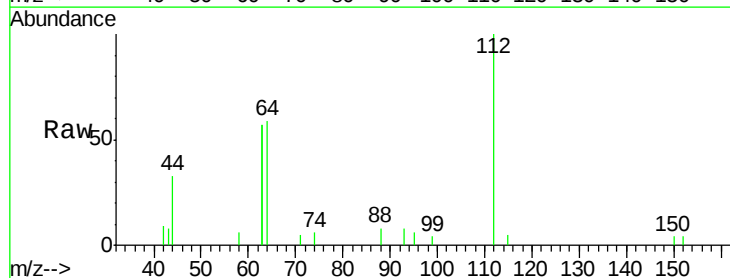
Tgt Ion: 42 Resp: 1297  
 Ion Ratio Lower Upper  
 42 100  
 74 131.3 104.0 156.0  
 44 9.6 13.8 20.8#

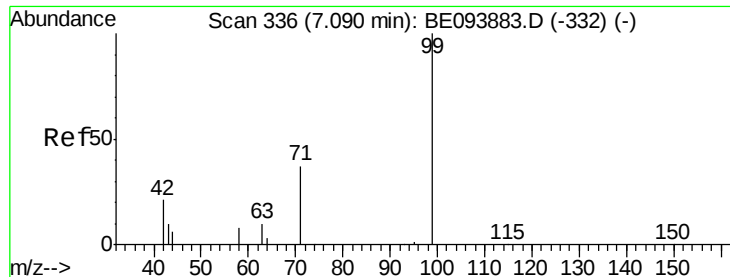


#4

2-Fluorophenol  
 Concen: 0.380 ng  
 RT: 5.52 min Scan# 211  
 Delta R.T. 0.00 min  
 Lab File: BE093901.D  
 Acq: 1 Sep 2017 14:28

Tgt Ion: 112 Resp: 2558  
 Ion Ratio Lower Upper  
 112 100  
 64 72.2 57.7 86.5  
 63 139.3 116.0 174.0





#5

Phenol-d6

Concen: 0.367 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

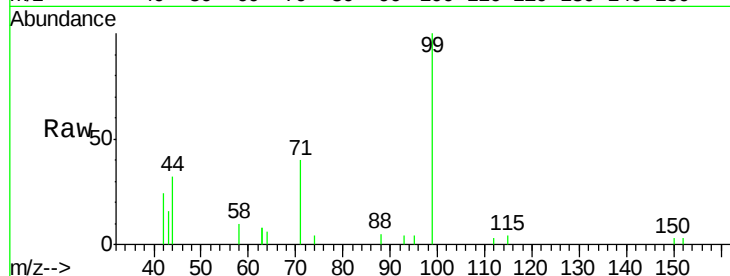
Tgt Ion: 99 Resp: 3775

Ion Ratio Lower Upper

99 100

42 19.8 17.1 25.7

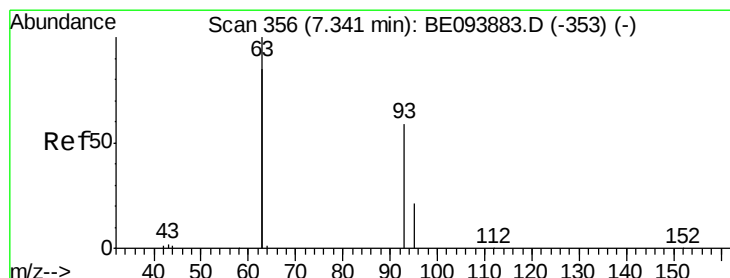
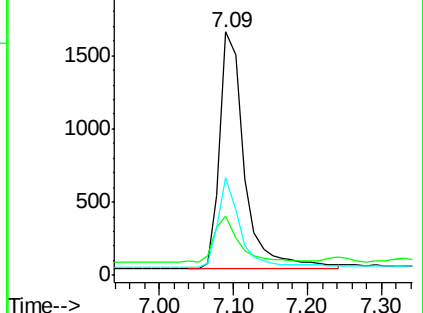
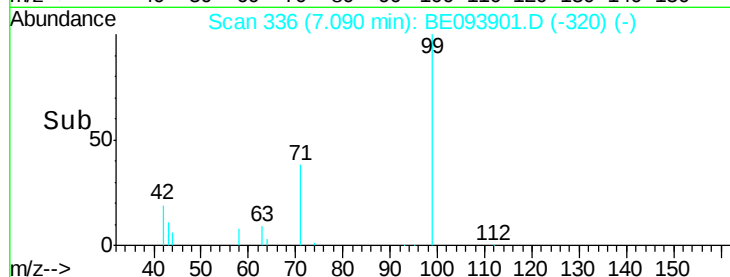
71 33.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

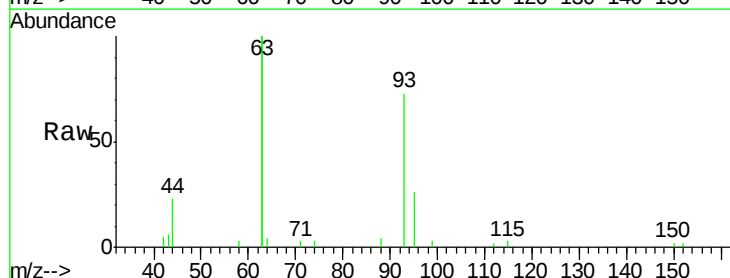
Tgt Ion: 93 Resp: 2973

Ion Ratio Lower Upper

93 100

63 329.2 283.4 425.2

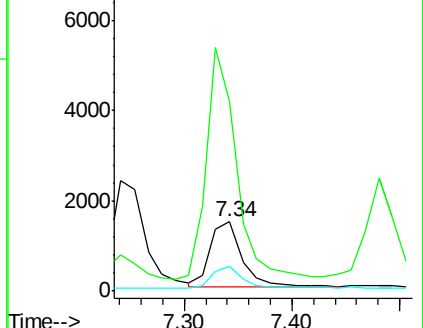
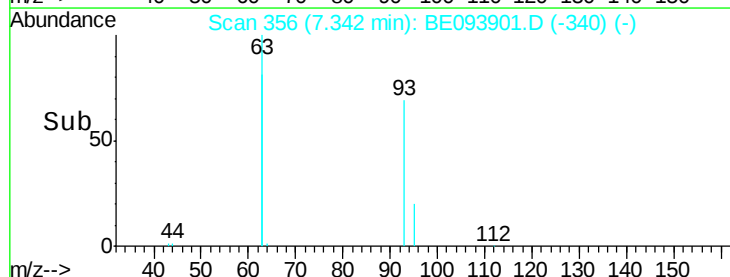
95 32.5 26.9 40.3

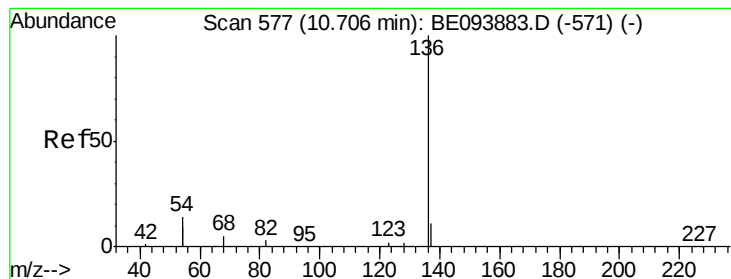


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 11447

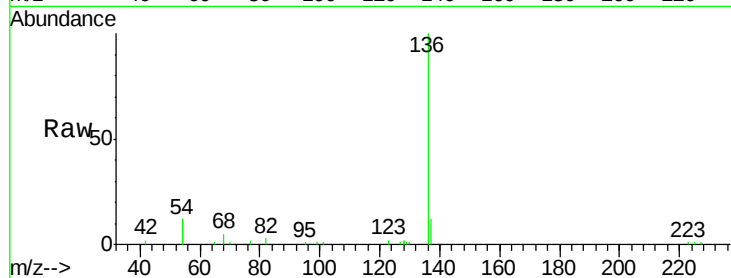
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 23.3 21.9 32.9

68 5.2 4.6 7.0

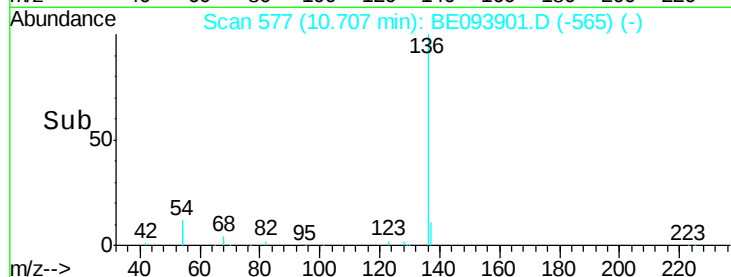


Abundance Ion 136.00 (135.70 to 136.70): E

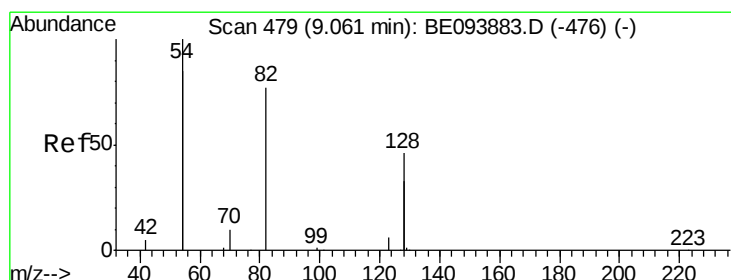
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.371 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

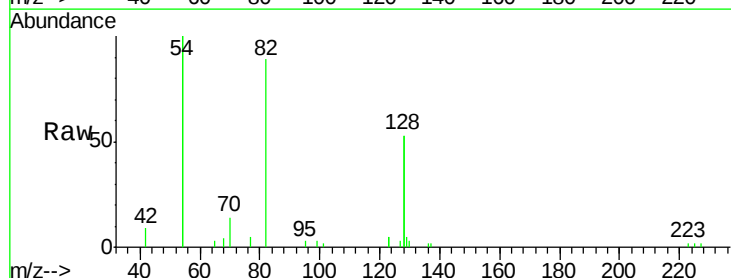
Tgt Ion: 82 Resp: 3539

Ion Ratio Lower Upper

82 100

128 119.2 91.4 137.0

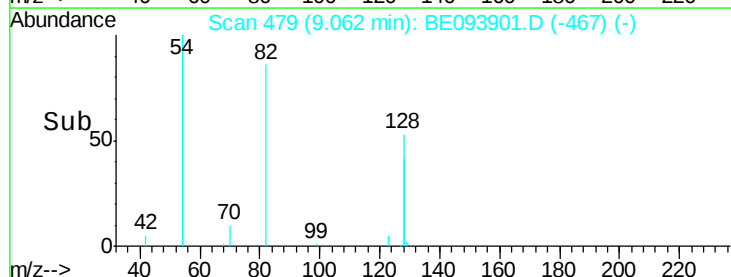
54 225.0 197.8 296.8



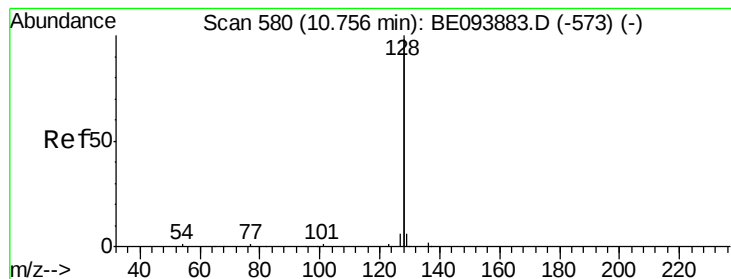
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.345 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

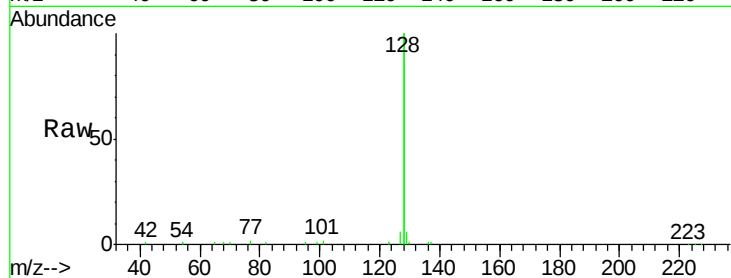
Tgt Ion:128 Resp: 44982

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

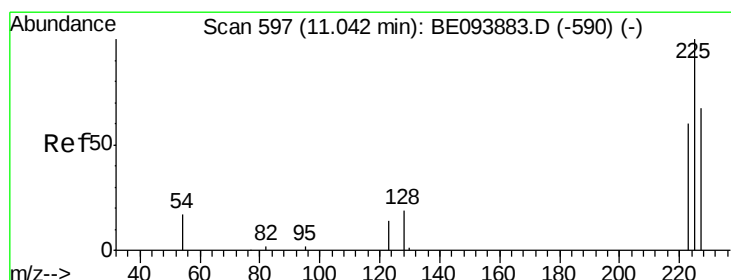
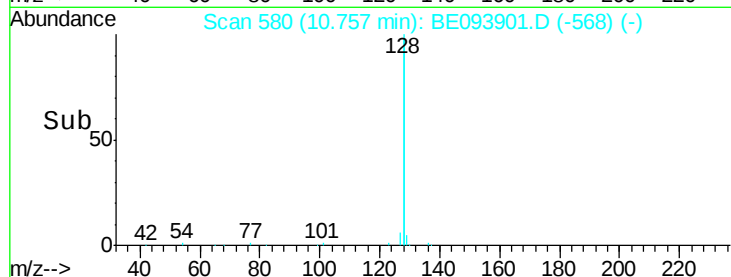
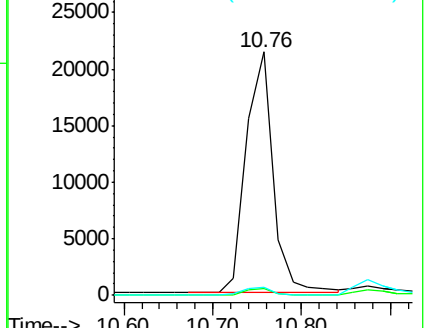
127 3.2 2.6 4.0



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: 0.368 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

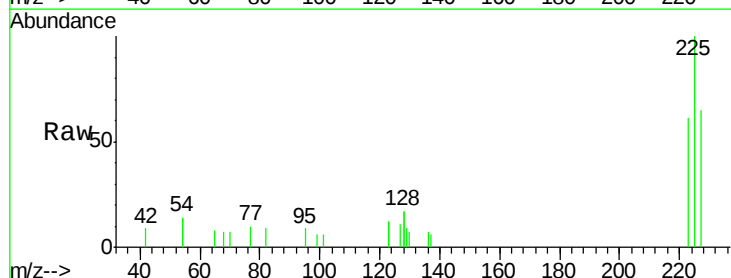
Tgt Ion:225 Resp: 1692

Ion Ratio Lower Upper

225 100

223 61.6 49.4 74.0

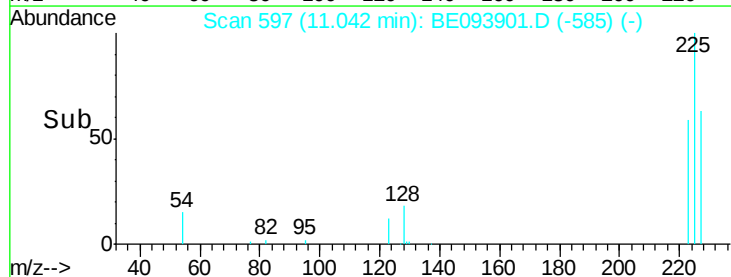
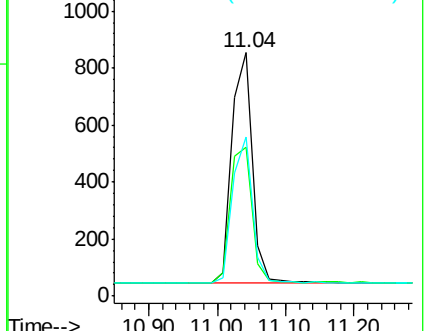
227 63.1 50.5 75.7

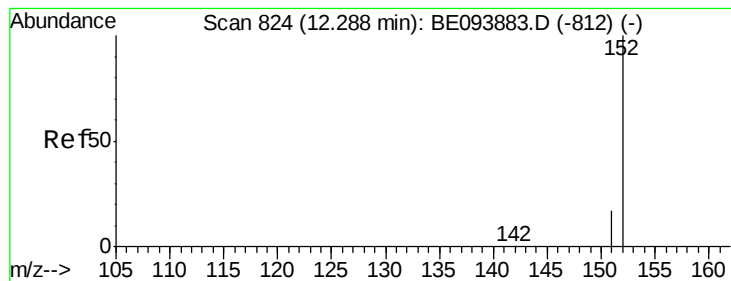


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

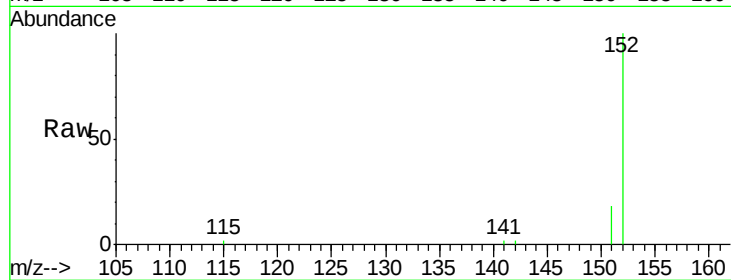
SSTDCCC0.4

Tgt Ion:152 Resp: 6350

Ion Ratio Lower Upper

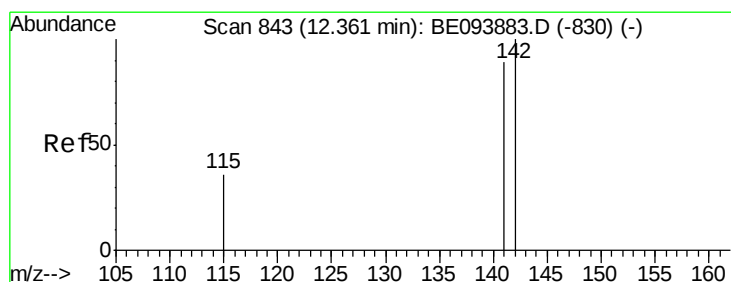
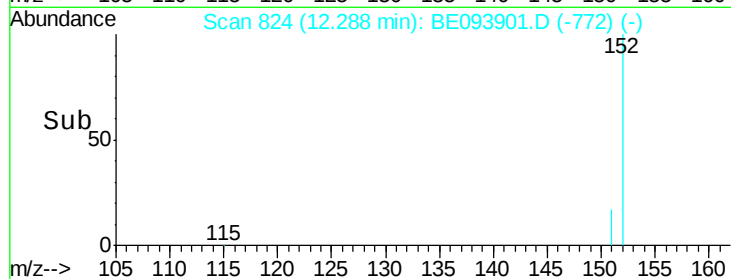
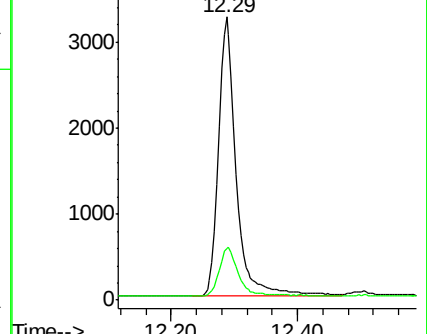
152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.342 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

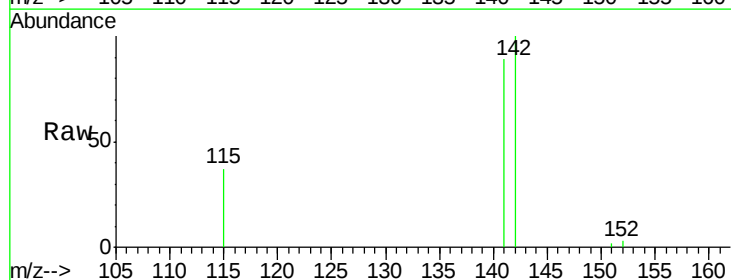
Tgt Ion:142 Resp: 7441

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

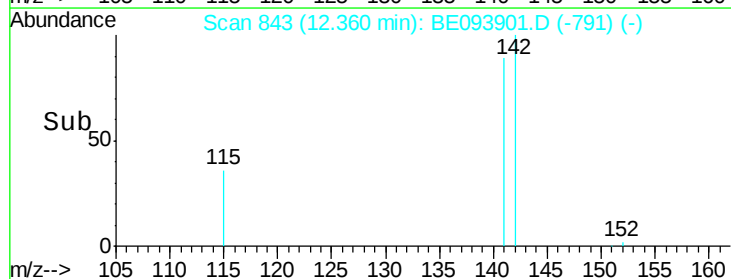
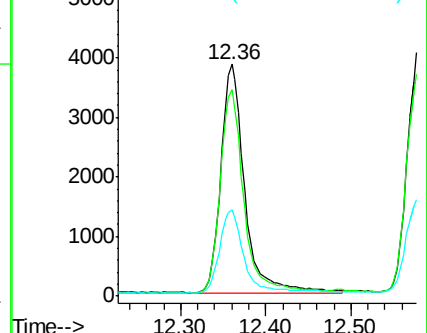
115 37.3 29.4 44.0

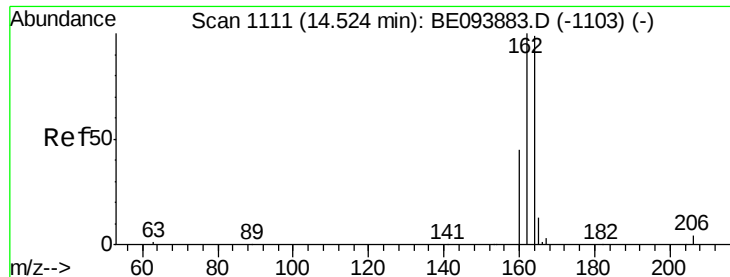


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

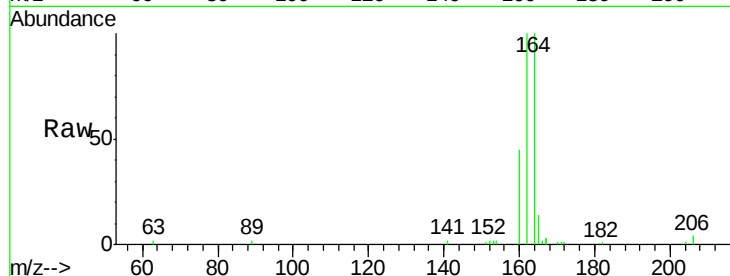
Tgt Ion:164 Resp: 6475

Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

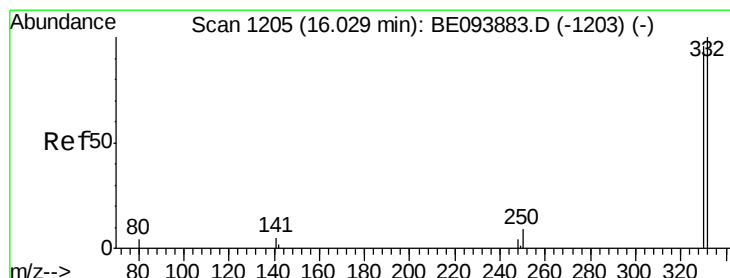
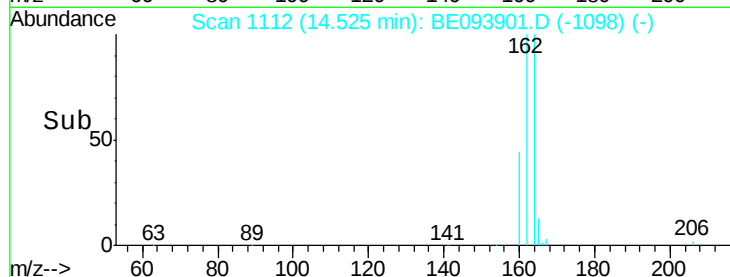
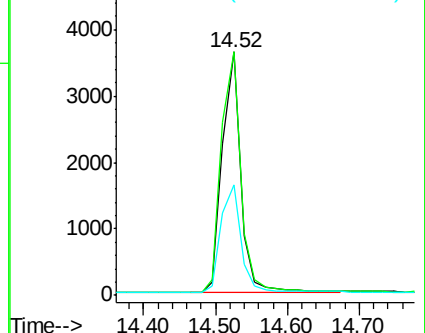
160 45.2 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.346 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

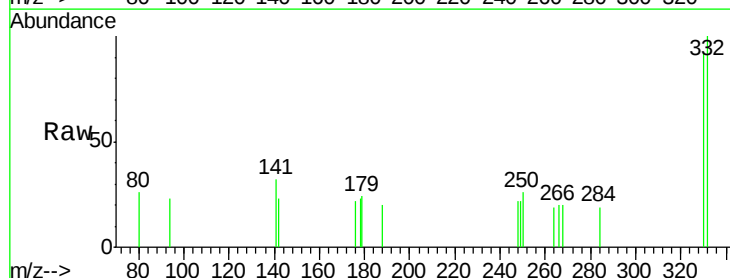
Tgt Ion:330 Resp: 600

Ion Ratio Lower Upper

330 100

332 98.5 76.9 115.3

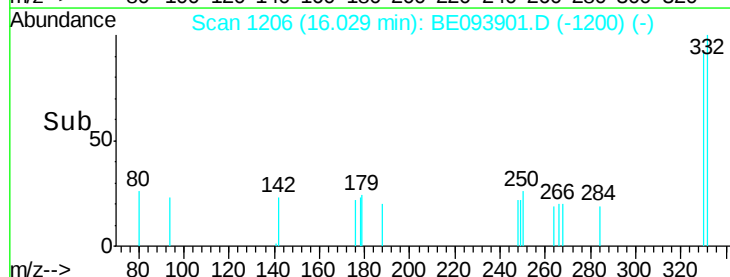
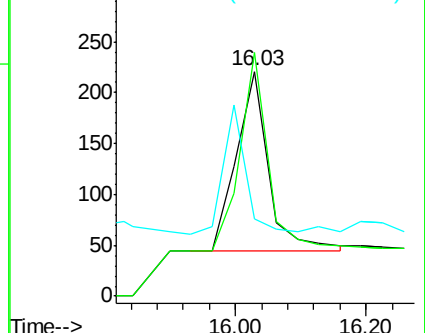
141 0.0 0.0 0.0

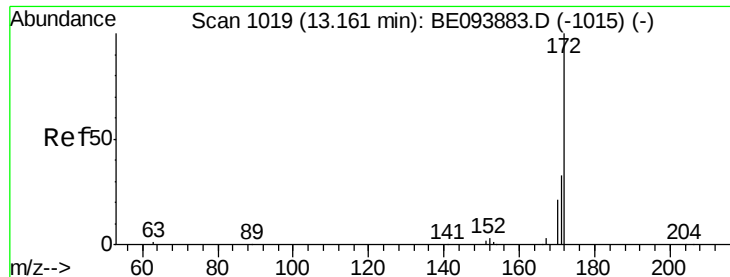


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

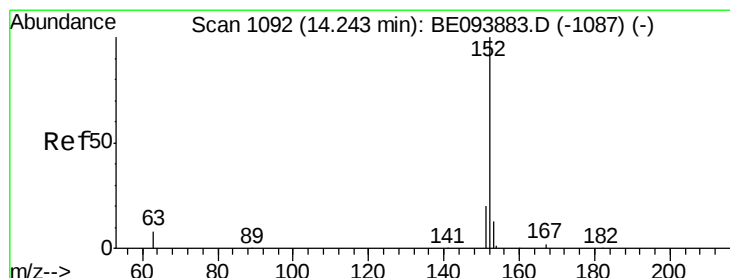
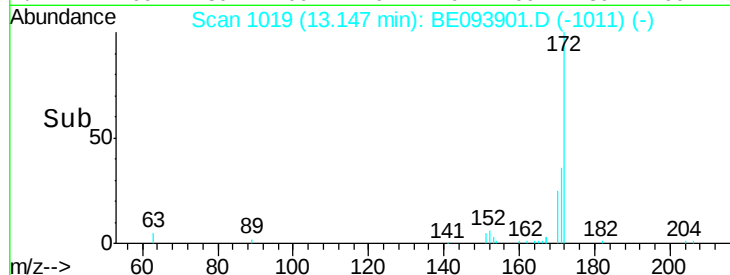
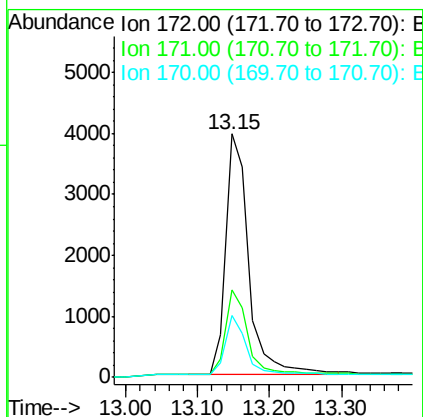
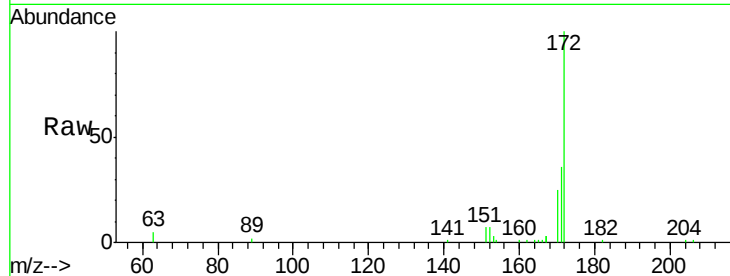




#15  
2-Fluorobiphenyl  
Concen: 0.342 ng  
RT: 13.15 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BE093901.D  
Acq: 1 Sep 2017 14:28

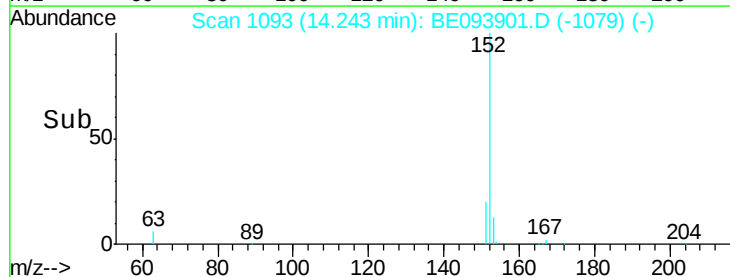
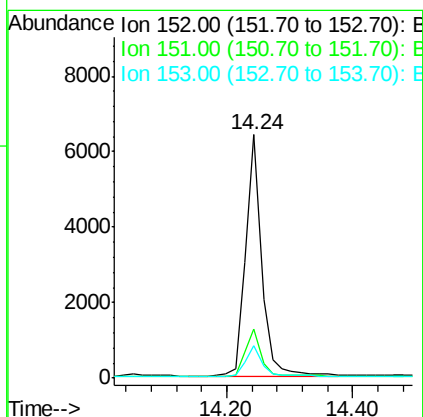
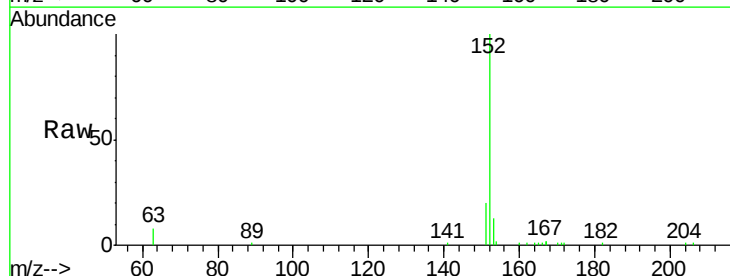
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

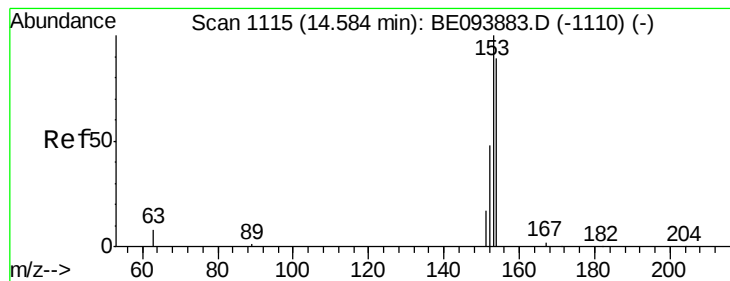
Tgt Ion:172 Resp: 8813  
Ion Ratio Lower Upper  
172 100  
171 36.1 26.9 40.3  
170 25.3 17.3 25.9



#16  
Acenaphthylene  
Concen: 0.354 ng  
RT: 14.24 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: BE093901.D  
Acq: 1 Sep 2017 14:28

Tgt Ion:152 Resp: 11344  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.7 23.5  
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.346 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

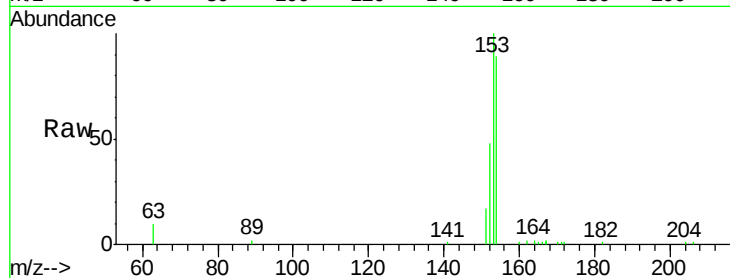
Tgt Ion:154 Resp: 7487

Ion Ratio Lower Upper

154 100

153 114.7 91.8 137.6

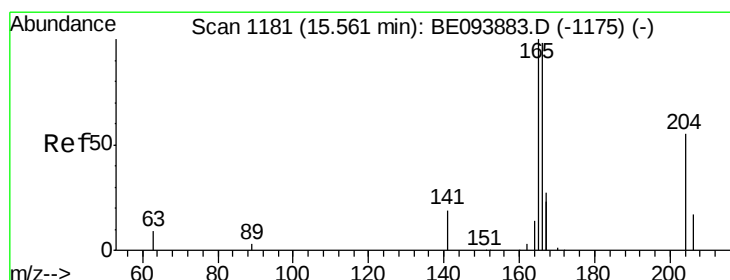
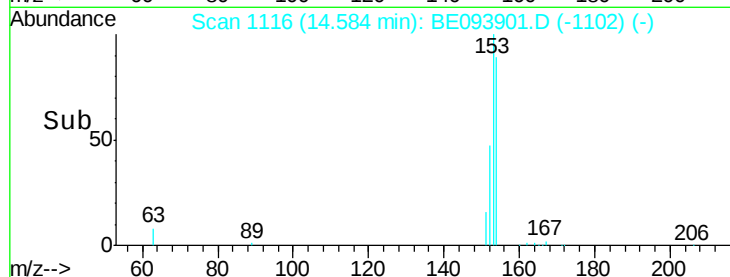
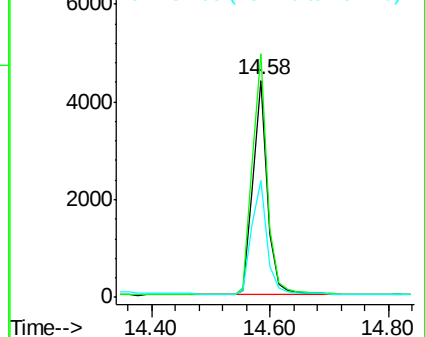
152 55.1 44.9 67.3



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: 0.354 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

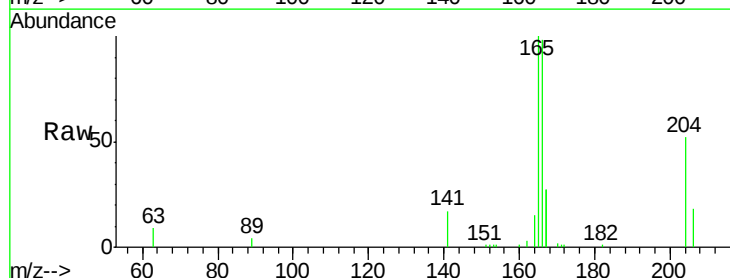
Tgt Ion:166 Resp: 9902

Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.0

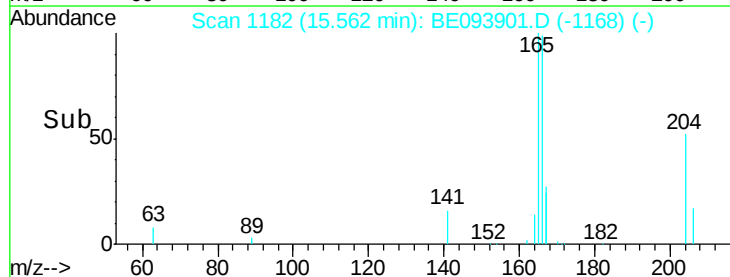
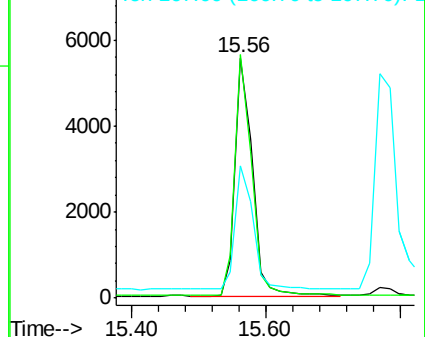
167 53.2 43.5 65.3

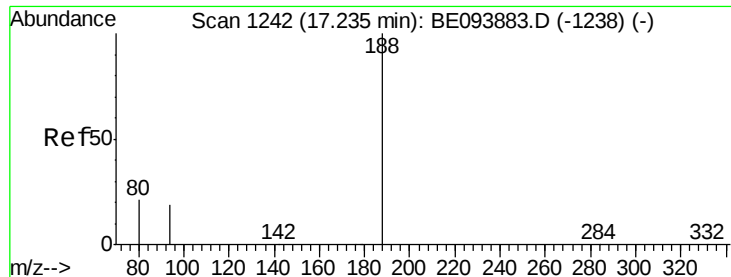


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

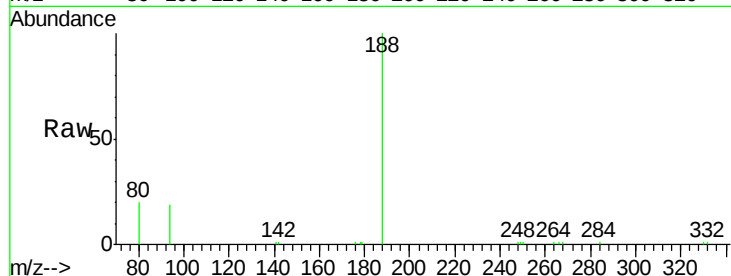
Tgt Ion:188 Resp: 13872

Ion Ratio Lower Upper

188 100

94 18.5 16.1 24.1

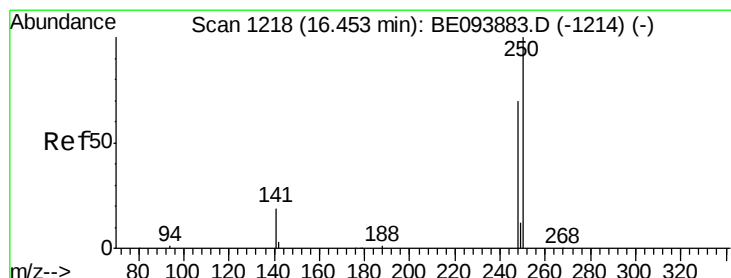
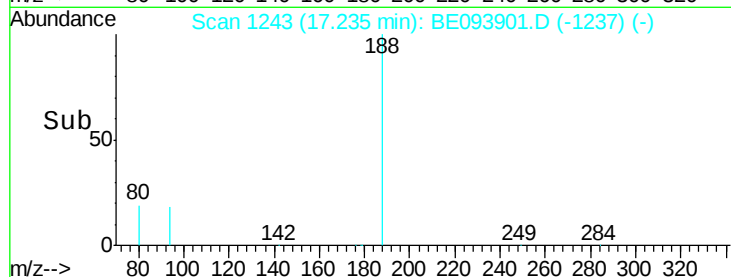
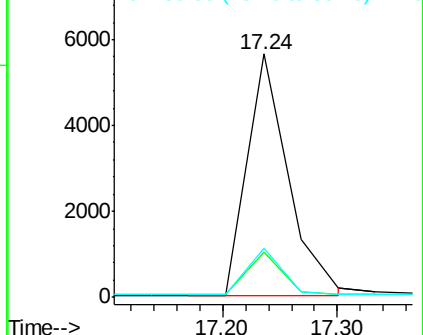
80 20.3 18.2 27.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.346 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

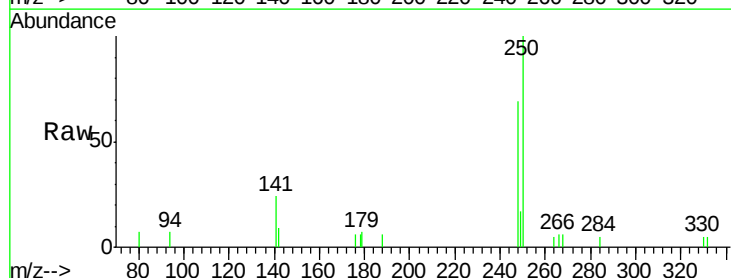
Tgt Ion:248 Resp: 1936

Ion Ratio Lower Upper

248 100

250 144.2 111.8 167.8

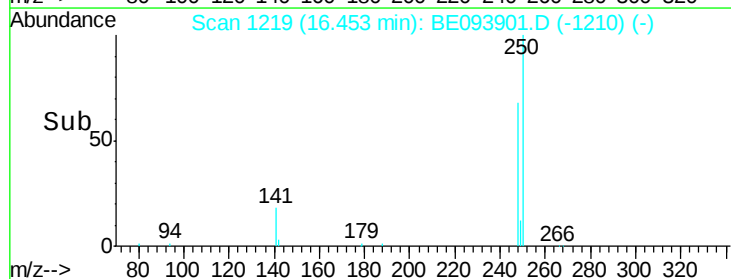
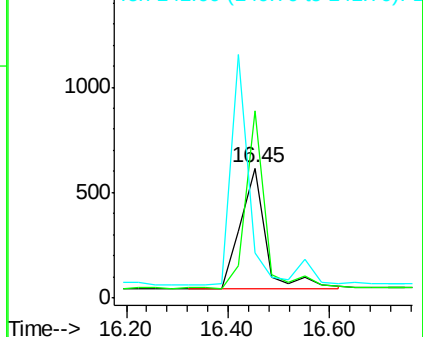
141 34.8 27.1 40.7

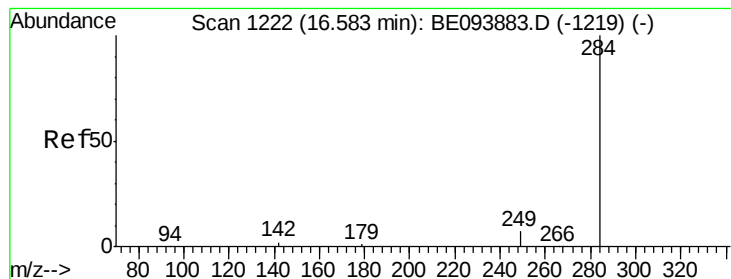


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.363 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

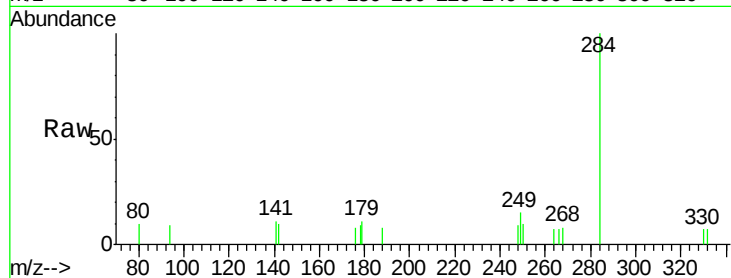
Tgt Ion:284 Resp: 1768

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

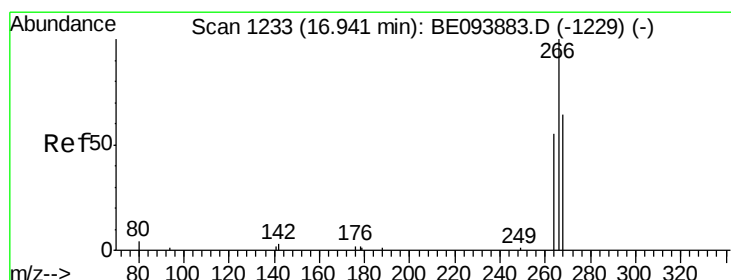
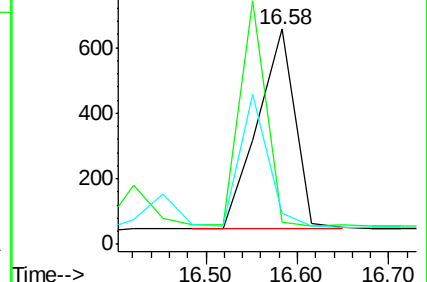
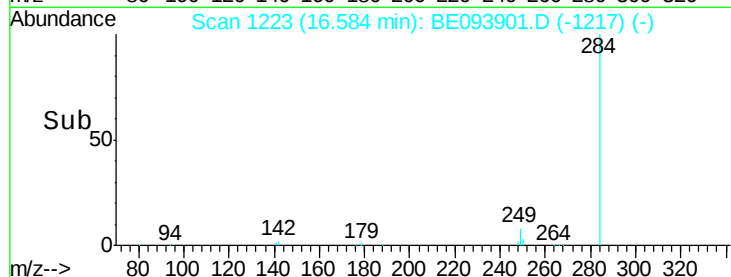
249 0.0 0.0 0.0



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: 0.367 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

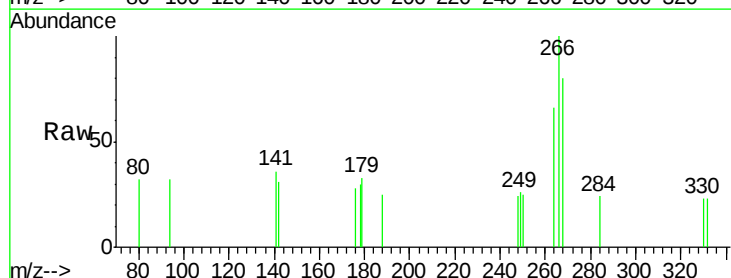
Tgt Ion:266 Resp: 798

Ion Ratio Lower Upper

266 100

264 66.3 53.5 80.3

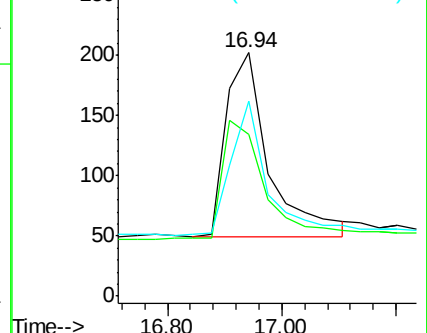
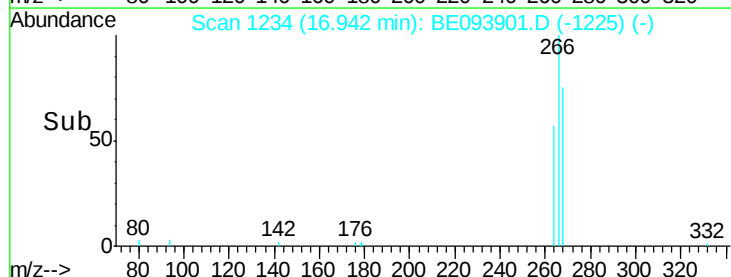
268 80.2 60.0 90.0

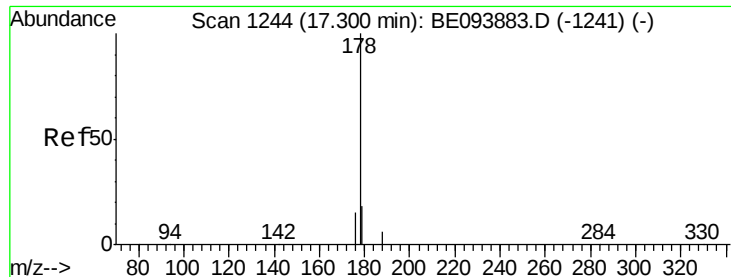


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.320 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

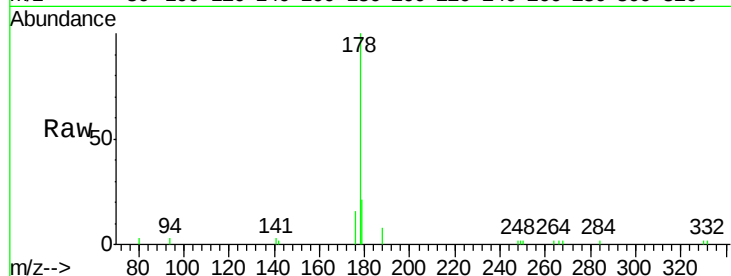
Tgt Ion:178 Resp: 11287

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

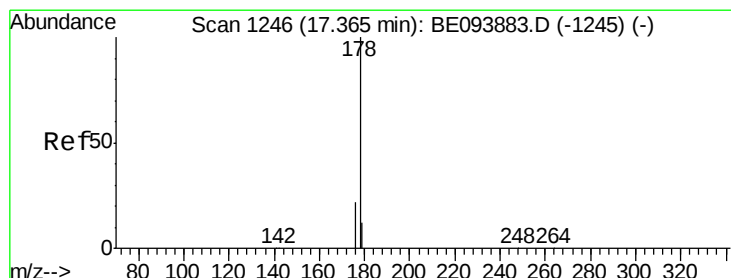
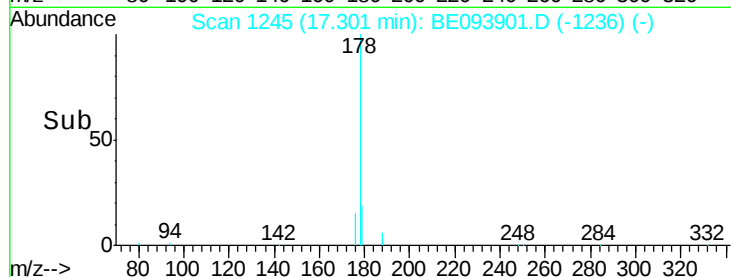
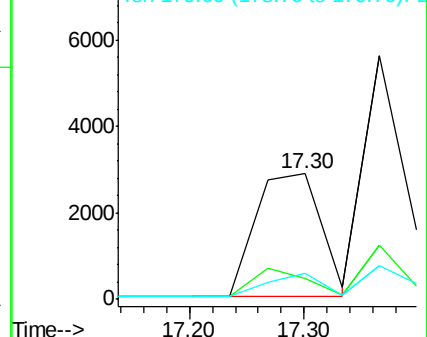
179 15.5 12.6 18.8



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: 0.347 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

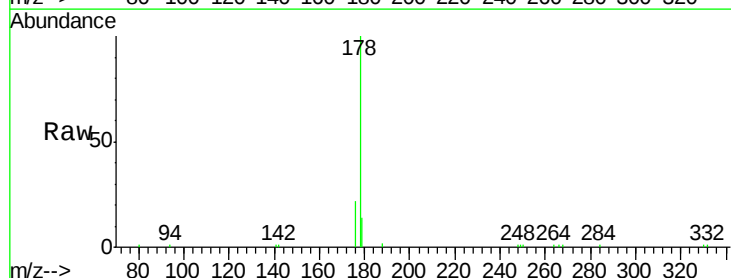
Tgt Ion:178 Resp: 14574

Ion Ratio Lower Upper

178 100

176 35.9 16.0 24.0#

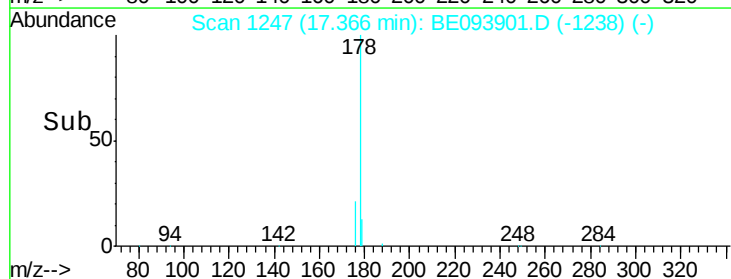
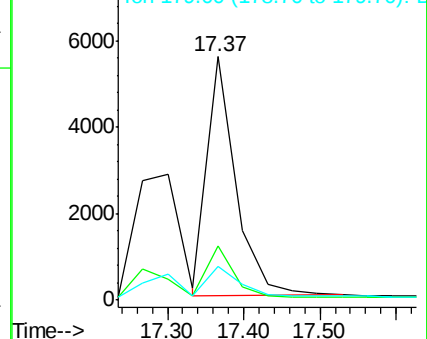
179 13.9 0.0 0.0#

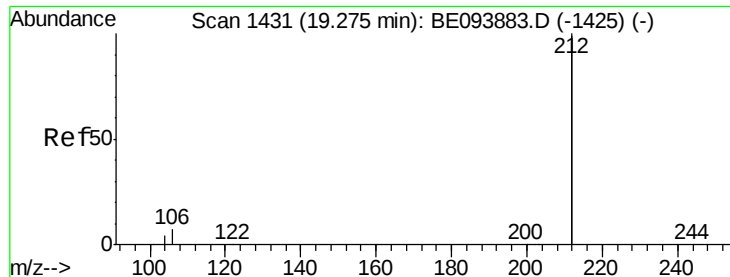


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

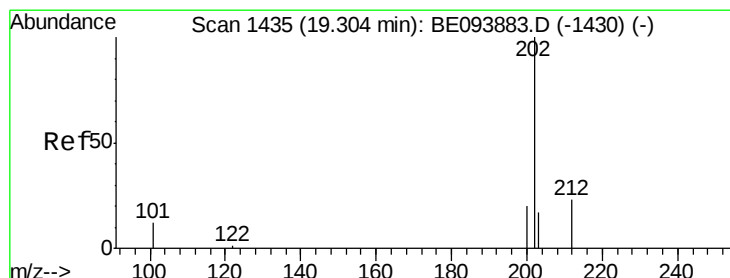
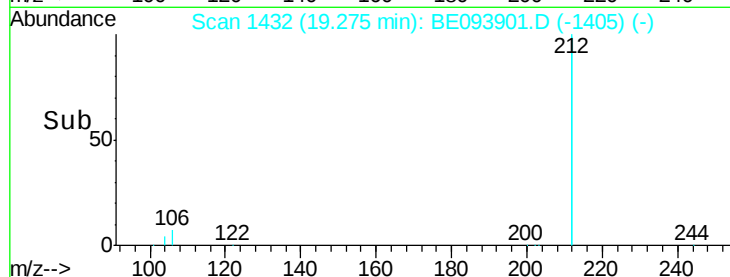
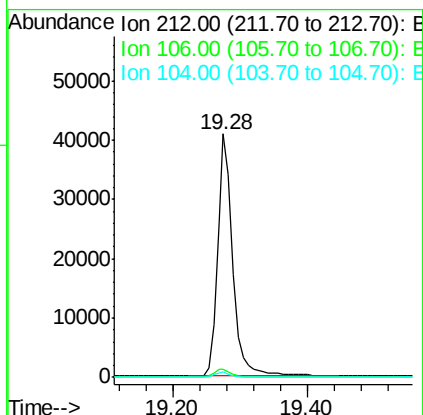
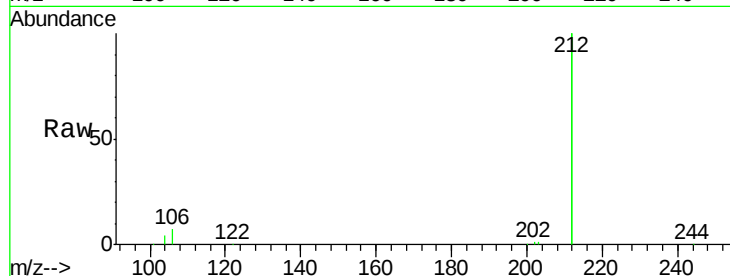
Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 64659 |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 3.5   | 2.7   | 4.1   |
| 104      | 1.9   | 1.6   | 2.4   |



#26

Fluoranthene

Concen: 0.400 ng

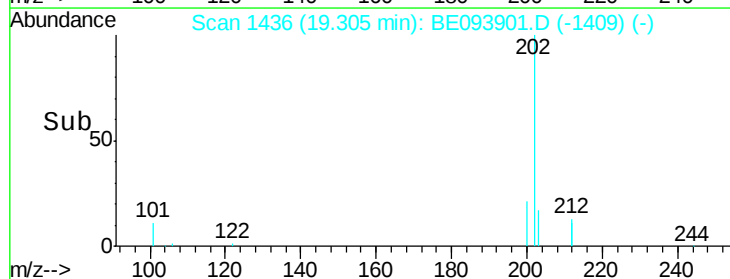
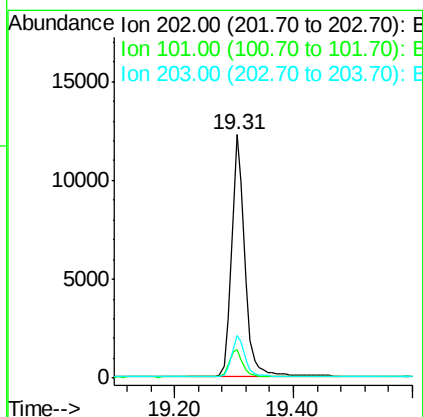
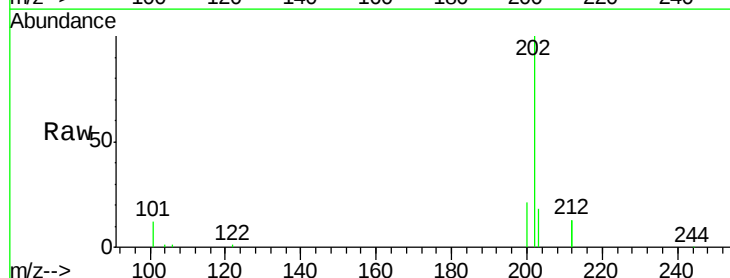
RT: 19.31 min Scan# 1436

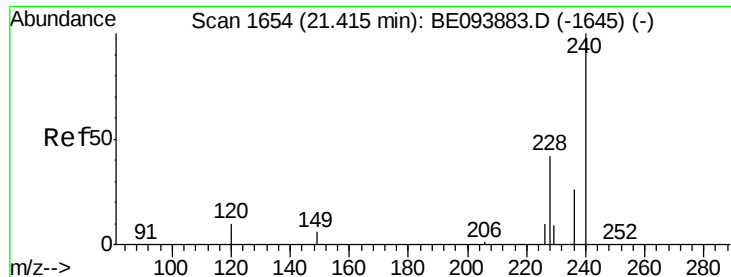
Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 19314 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 11.8  | 9.7   | 14.5  |
| 203      | 17.0  | 13.7  | 20.5  |





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

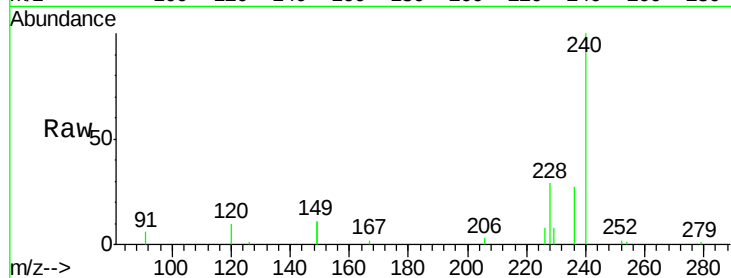
Tgt Ion:240 Resp: 16822

Ion Ratio Lower Upper

240 100

120 10.4 8.7 13.1

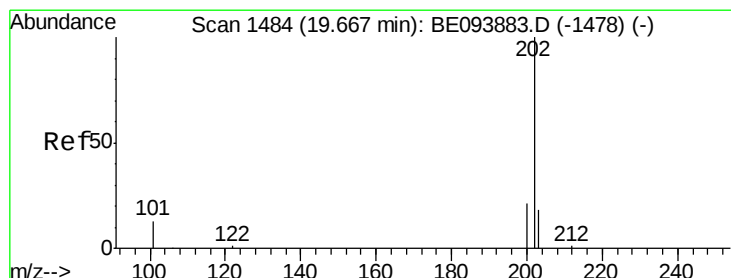
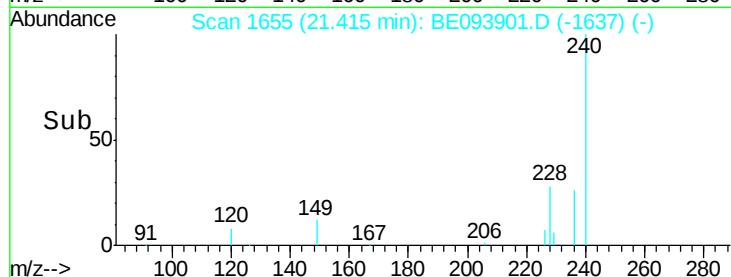
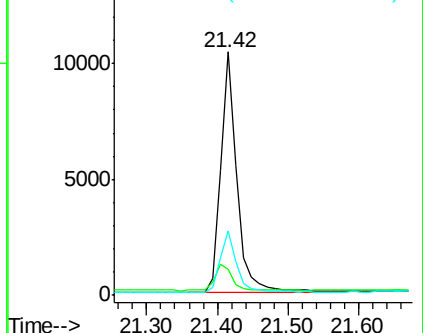
236 26.7 21.3 31.9



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: 0.358 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

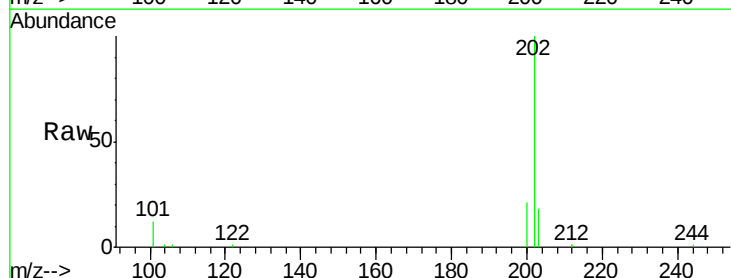
Tgt Ion:202 Resp: 20278

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

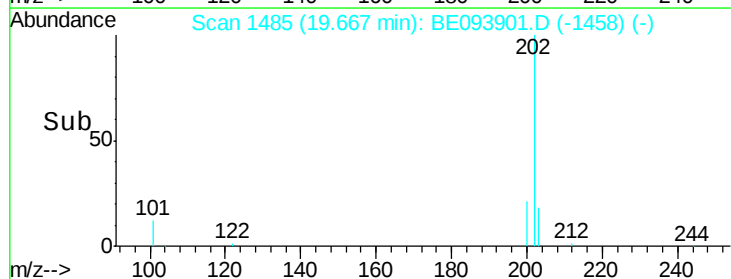
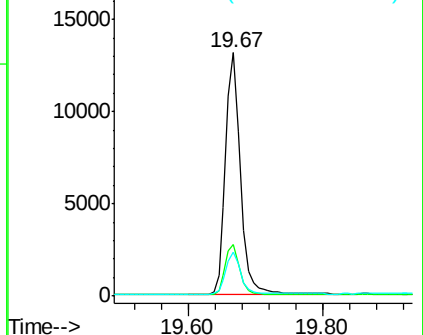
203 17.7 14.2 21.4

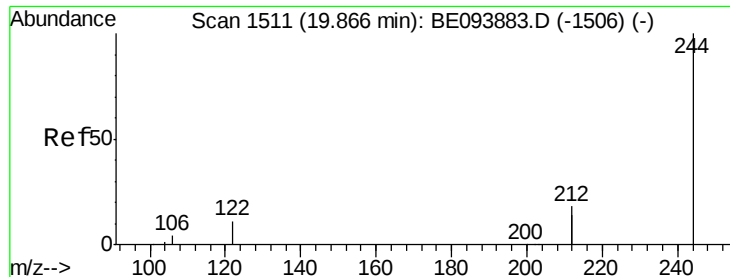


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.358 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

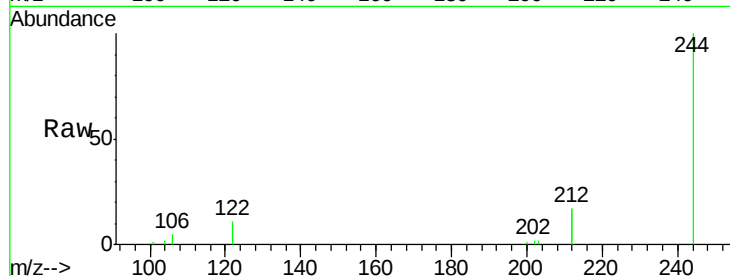
Tgt Ion:244 Resp: 10882

Ion Ratio Lower Upper

244 100

212 35.0 28.3 42.5

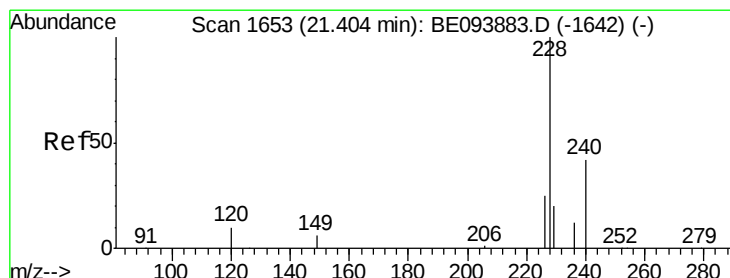
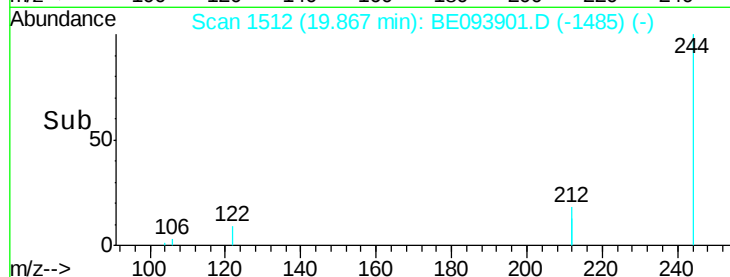
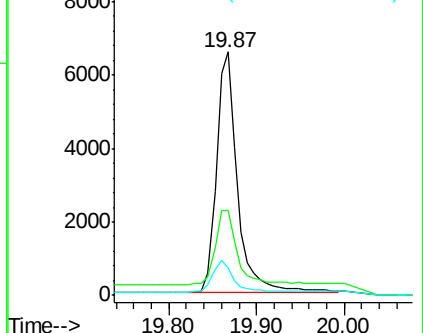
122 11.1 9.4 14.0



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: 0.367 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

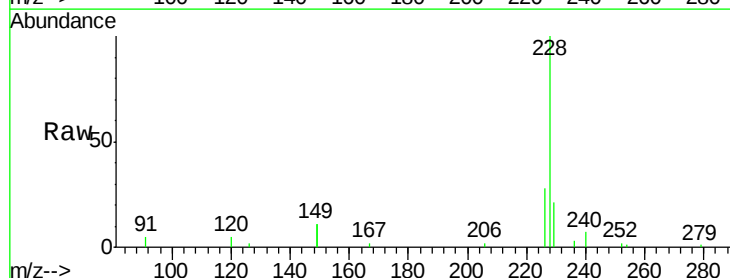
Tgt Ion:228 Resp: 18339

Ion Ratio Lower Upper

228 100

226 28.5 20.8 31.2

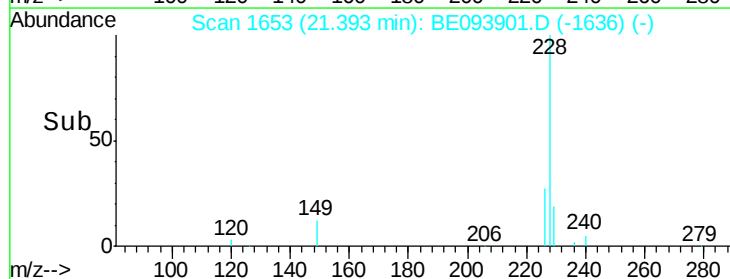
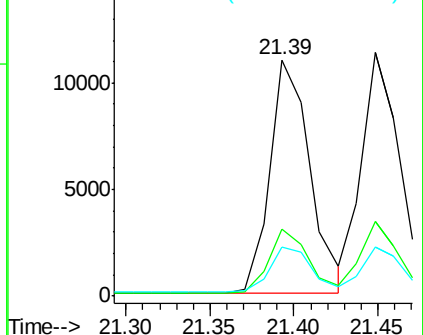
229 20.7 16.6 25.0

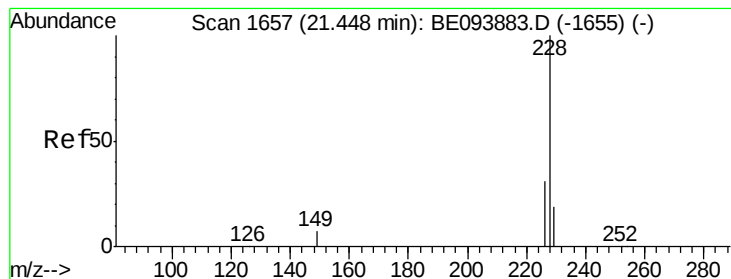


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.343 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

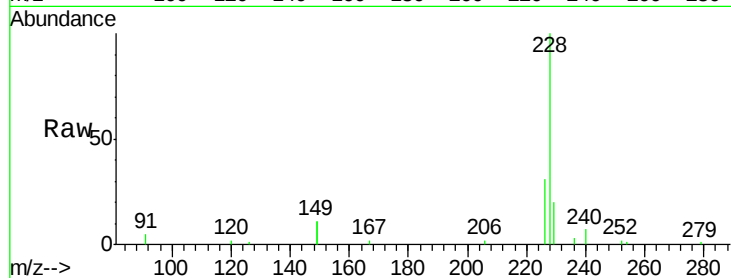
Tgt Ion:228 Resp: 19046

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

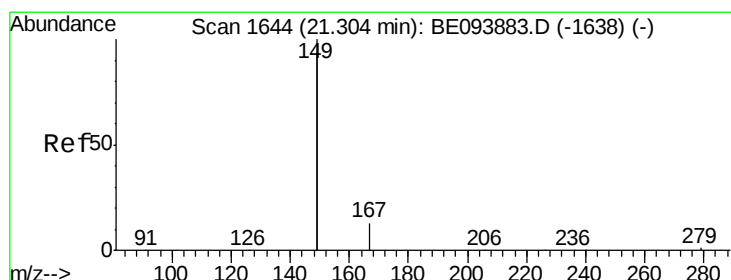
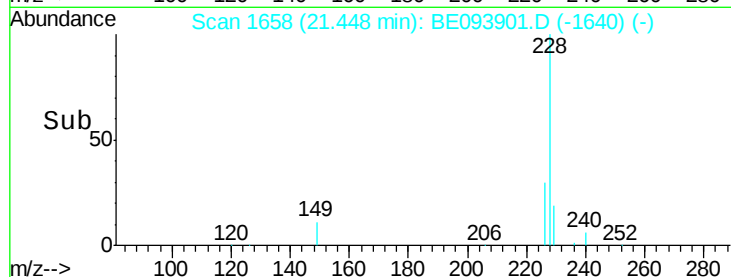
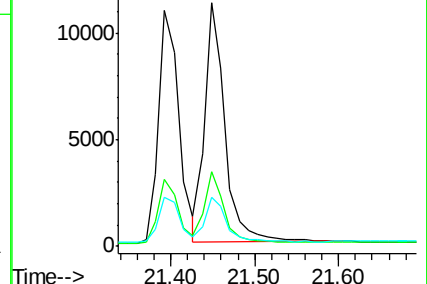
229 20.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.457 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

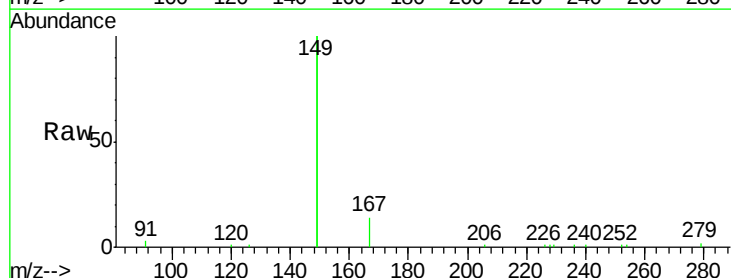
Tgt Ion:149 Resp: 48155

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

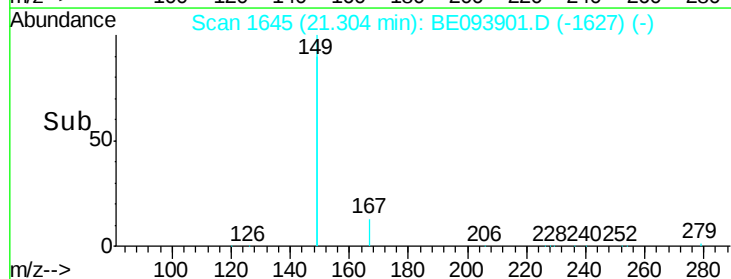
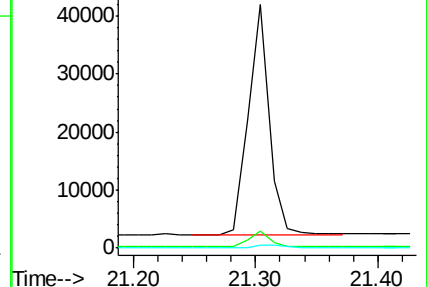
279 1.0 0.7 1.1

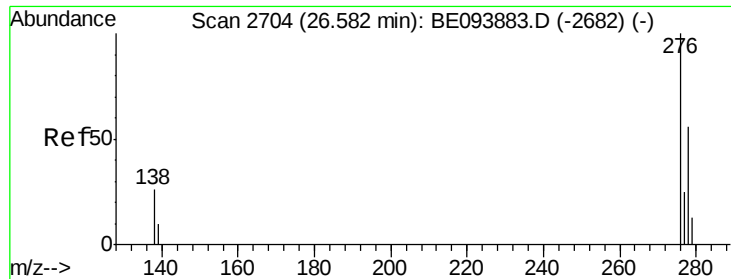


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.398 ng

RT: 26.58 min Scan# 2705

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

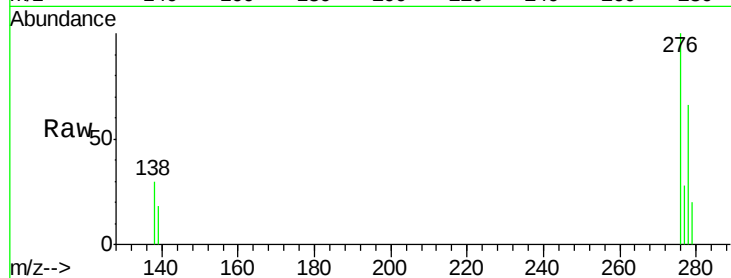
Tgt Ion:276 Resp: 15064

Ion Ratio Lower Upper

276 100

138 25.3 22.2 33.2

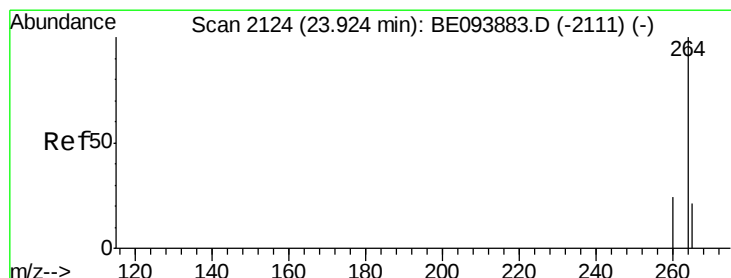
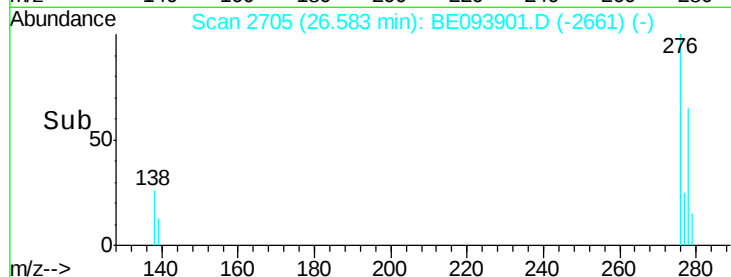
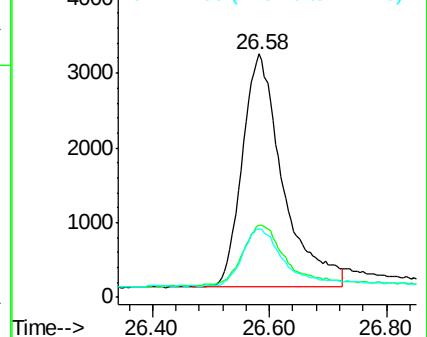
277 24.9 19.5 29.3



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: 23.93 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

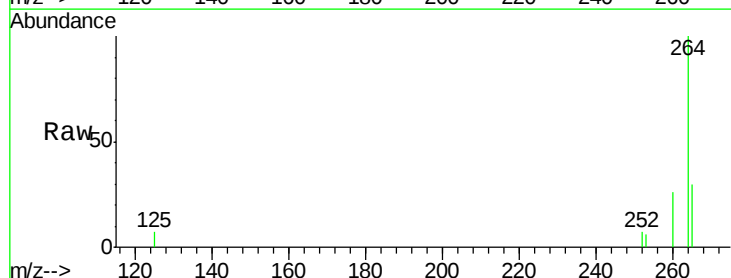
Tgt Ion:264 Resp: 14936

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

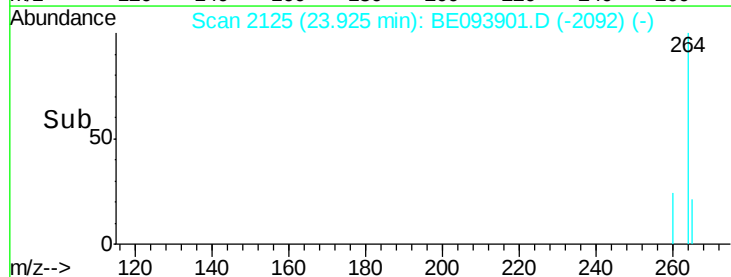
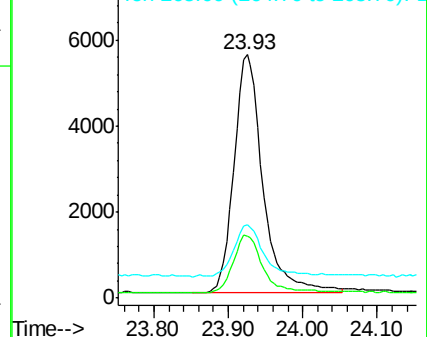
265 30.3 24.0 36.0

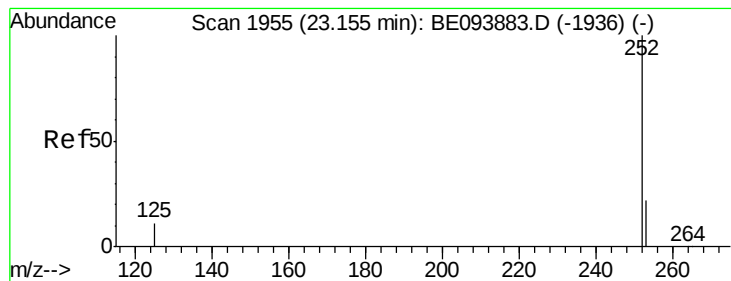


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.349 ng

RT: 23.15 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

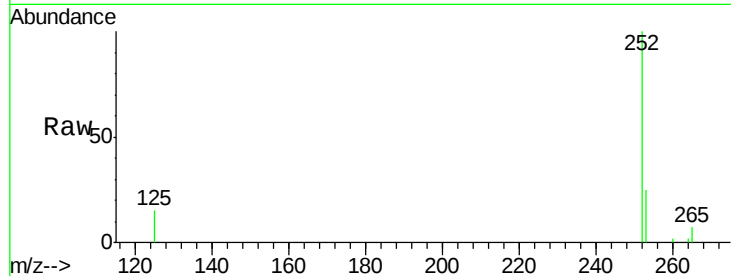
Tgt Ion:252 Resp: 16631

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.0

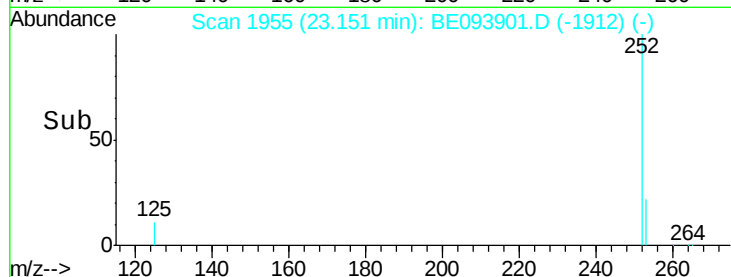
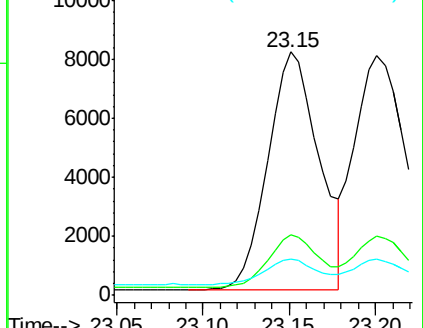
125 14.7 10.0 15.0



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



#36

Benzo(k)fluoranthene

Concen: 0.323 ng

RT: 23.20 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

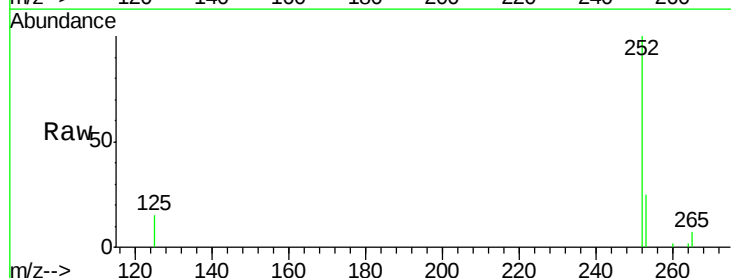
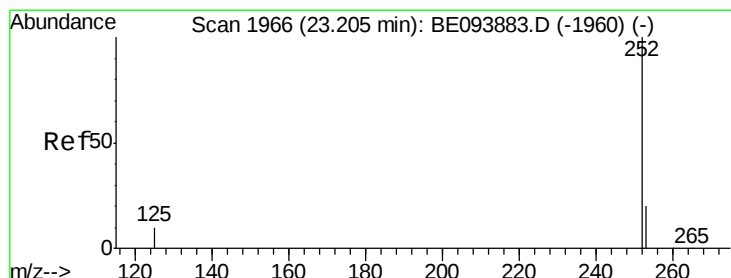
Tgt Ion:252 Resp: 17624

Ion Ratio Lower Upper

252 100

253 24.9 18.1 27.1

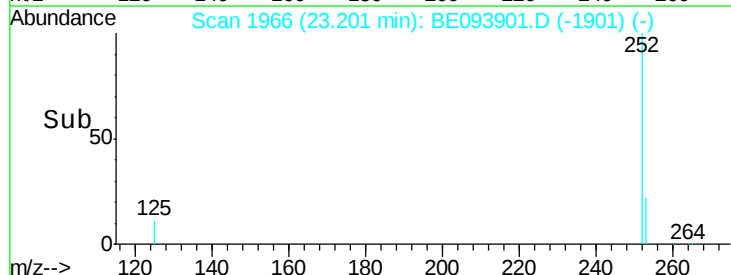
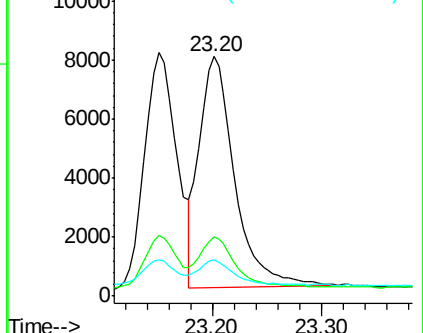
125 14.9 9.8 14.6#

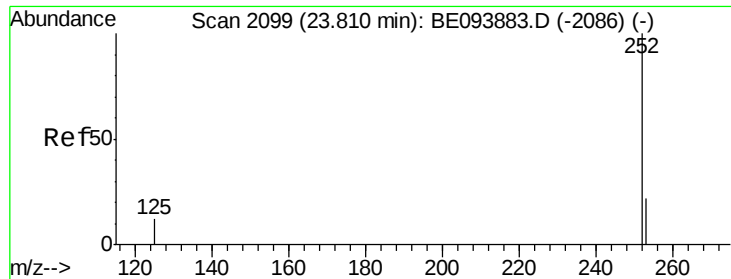


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.81 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

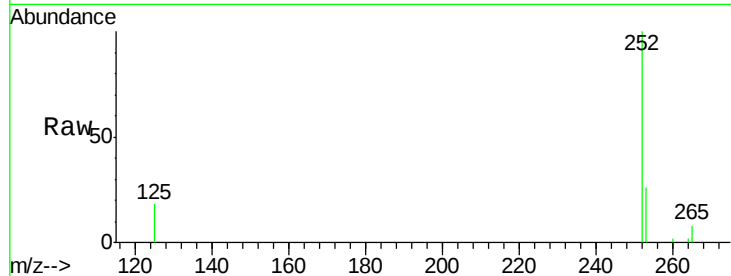
Tgt Ion:252 Resp: 16412

Ion Ratio Lower Upper

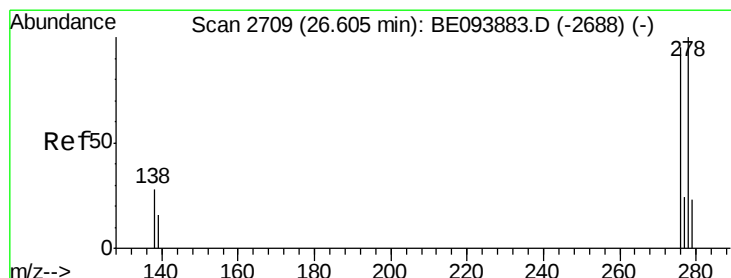
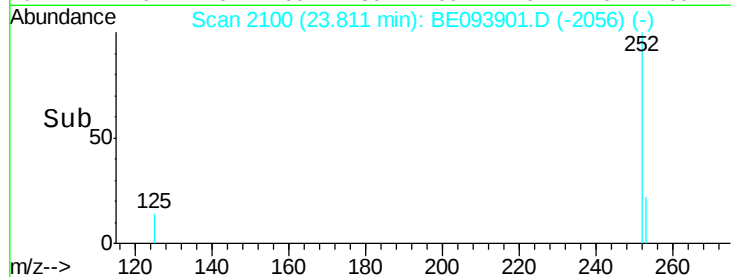
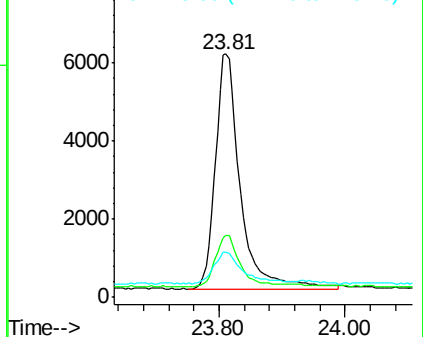
252 100

253 25.6 19.6 29.4

125 18.4 11.8 17.8#



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: 0.375 ng

RT: 26.60 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE093901.D

Acq: 1 Sep 2017 14:28

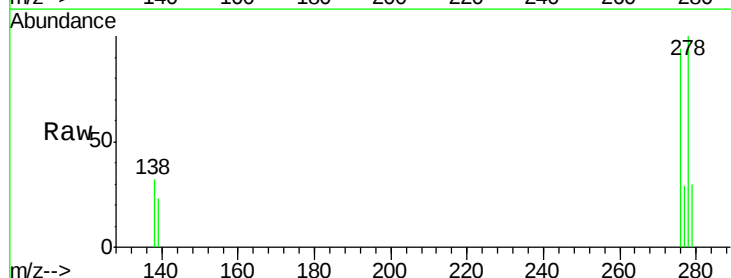
Tgt Ion:278 Resp: 12538

Ion Ratio Lower Upper

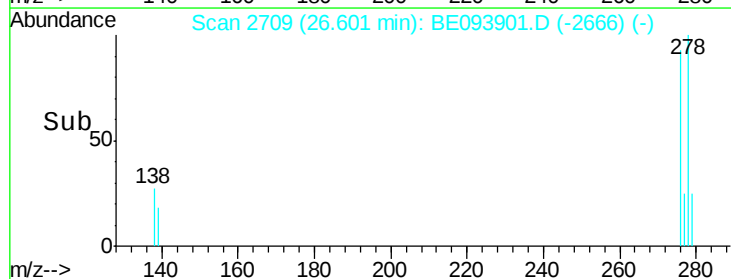
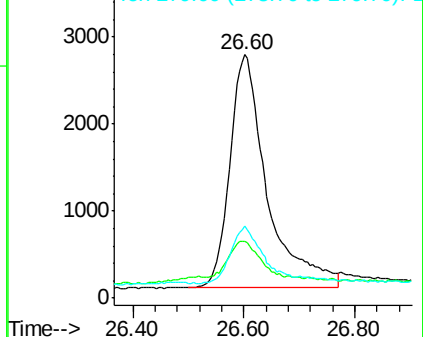
278 100

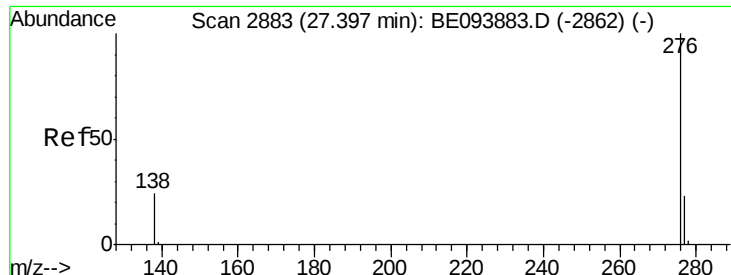
139 23.5 16.7 25.1

279 29.6 21.6 32.4



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: 0.380 ng

RT: 27.39 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BE093901.D

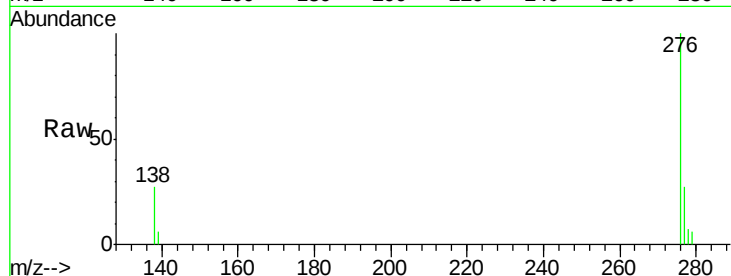
Acq: 1 Sep 2017 14:28

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4



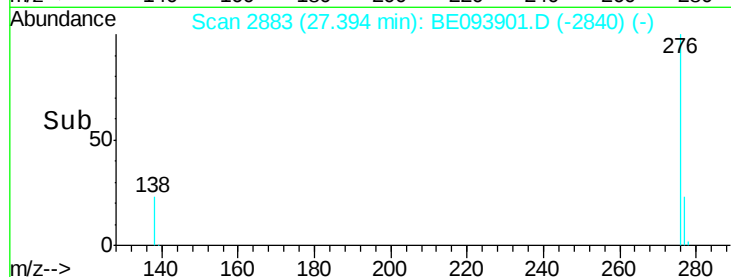
Tgt Ion: 276 Resp: 13826

Ion Ratio Lower Upper

276 100

277 27.1 20.6 30.8

138 27.0 21.9 32.9



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

